

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091020\
 Data File : BF121554.D
 Acq On : 10 Sep 2020 16:49
 Operator : JU/CG
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF091020

Quant Time: Sep 10 17:26:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 10 16:47:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	196099	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	735502	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	372750	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	673396	20.00	ng	0.00
76) Chrysene-d12	13.99	240	556317	20.00	ng	0.00
86) Perylene-d12	15.44	264	563567	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1014447	76.88	ng	0.00
7) Phenol-d6	6.46	99	1330716	76.87	ng	0.00
23) Nitrobenzene-d5	7.40	82	1074917	78.47	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	362680	78.29	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1821725	74.02	ng	0.00
79) Terphenyl-d14	12.94	244	2018155	73.49	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	238654	39.368	ng	99
3) Pyridine	3.35	79	658444	39.290	ng	99
4) n-Nitrosodimethylamine	3.31	42	306190	39.389	ng	97
6) Aniline	6.50	93	871158	38.638	ng	99
8) 2-Chlorophenol	6.62	128	524608	39.049	ng	99
9) Benzaldehyde	6.38	77	420466	37.153	ng	99
10) Phenol	6.47	94	709464	38.485	ng	99
11) bis(2-Chloroethyl)ether	6.57	93	537092	38.656	ng	99
12) 1,3-Dichlorobenzene	6.77	146	579428	38.641	ng	98
13) 1,4-Dichlorobenzene	6.85	146	578992	38.454	ng	99
14) 1,2-Dichlorobenzene	7.00	146	532822	38.414	ng	99
15) Benzyl Alcohol	6.97	79	457031	38.842	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	867270	38.790	ng	99
17) 2-Methylphenol	7.08	107	440982	38.577	ng	99
18) Hexachloroethane	7.35	117	209876	38.929	ng	99
19) n-Nitroso-di-n-propylamine	7.25	70	377917	37.878	ng	99
20) 3+4-Methylphenols	7.24	107	524666	38.201	ng	98
22) Acetophenone	7.25	105	696174	37.306	ng	97
24) Nitrobenzene	7.42	77	577809	39.000	ng	97
25) Isophorone	7.66	82	1049300	38.052	ng	99
26) 2-Nitrophenol	7.73	139	273176	39.637	ng	92
27) 2,4-Dimethylphenol	7.77	122	467838	38.007	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	653622	38.288	ng	99
29) 2,4-Dichlorophenol	7.97	162	435476	38.843	ng	100
30) 1,2,4-Trichlorobenzene	8.06	180	453165	38.379	ng	98
31) Naphthalene	8.14	128	1482803	38.191	ng	99
32) Benzoic acid	7.90	122	340233	38.630	ng	99
33) 4-Chloroaniline	8.19	127	646276	38.400	ng	99
34) Hexachlorobutadiene	8.26	225	265216	38.268	ng	100
35) Caprolactam	8.56	113	142125	38.068	ng	100
36) 4-Chloro-3-methylphenol	8.66	107	463126	38.347	ng	99
37) 2-Methylnaphthalene	8.83	142	958170	37.658	ng	100
38) 1-Methylnaphthalene	8.93	142	891984	37.668	ng	97
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	440968	37.872	ng	100

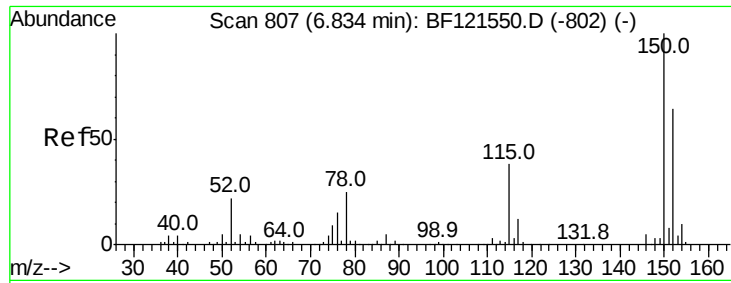
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091020\
 Data File : BF121554.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	270580	40.693	nq	99
43) 2,4,6-Trichlorophenol	9.10	196	314322	39.605	nq	99
44) 2,4,5-Trichlorophenol	9.14	196	324963	38.732	nq	93
46) 1,1'-Biphenyl	9.29	154	1126839	37.761	nq	99
47) 2-Chloronaphthalene	9.32	162	900994	38.315	nq	99
48) 2-Nitroaniline	9.41	65	298662	40.871	nq	99
49) Acenaphthylene	9.73	152	1384189	38.310	nq	100
50) Dimethylphthalate	9.60	163	1026673	38.002	nq	100
51) 2,6-Dinitrotoluene	9.66	165	235554	40.940	nq	98
52) Acenaphthene	9.90	154	879212	38.527	nq	98
53) 3-Nitroaniline	9.82	138	264649	39.706	nq	99
54) 2,4-Dinitrophenol	9.93	184	110139	38.484	nq	99
55) Dibenzofuran	10.07	168	1210624	37.670	nq	100
56) 4-Nitrophenol	9.97	139	220257	41.437	nq	97
57) 2,4-Dinitrotoluene	10.06	165	309540	42.764	nq	96
58) Fluorene	10.42	166	911148	37.074	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.19	232	270911	39.718	nq	99
60) Diethylphthalate	10.29	149	999174	37.933	nq	100
61) 4-Chlorophenyl-phenylether	10.41	204	435735	37.011	nq	99
62) 4-Nitroaniline	10.44	138	263868	39.872	nq	97
63) Azobenzene	10.57	77	1055843	37.641	nq	99
65) 4,6-Dinitro-2-methylphenol	10.46	198	157004	39.423	nq	98
66) n-Nitrosodiphenylamine	10.53	169	893340	38.668	nq	99
67) 4-Bromophenyl-phenylether	10.90	248	295291	38.515	nq	99
68) Hexachlorobenzene	10.96	284	329283	38.057	nq	98
69) Atrazine	11.05	200	226737	39.503	nq	98
70) Pentachlorophenol	11.16	266	195968	41.241	nq	99
71) Phenanthrene	11.38	178	1378688	37.577	nq	100
72) Anthracene	11.43	178	1432479	37.834	nq	99
73) Carbazole	11.58	167	1313596	38.447	nq	99
74) Di-n-butylphthalate	11.92	149	1523502	38.634	nq	100
75) Fluoranthene	12.56	202	1501628	38.340	nq	100
77) Benzidine	12.69	184	741516	40.206	nq	99
78) Pyrene	12.79	202	1529877	37.639	nq	100
80) Butylbenzylphthalate	13.41	149	655559	39.879	nq	98
81) Benzo(a)anthracene	13.98	228	1332465	37.859	nq	99
82) 3,3'-Dichlorobenzidine	13.94	252	547278	39.830	nq	99
83) Chrysene	14.02	228	1359348	38.141	nq	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	835461	38.043	nq	# 99
85) Di-n-octyl phthalate	14.58	149	1531404	39.514	nq	100
87) Indeno(1,2,3-cd)pyrene	16.89	276	1416987	38.609	nq	100
88) Benzo(b)fluoranthene	15.02	252	1358954	36.070	nq	100
89) Benzo(k)fluoranthene	15.05	252	1340669	38.859	nq	99
90) Benzo(a)pyrene	15.39	252	1224487	38.235	nq	99
91) Dibenzo(a,h)anthracene	16.90	278	1172723	38.385	nq	100
92) Benzo(g,h,i)perylene	17.33	276	1142728	38.051	nq	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

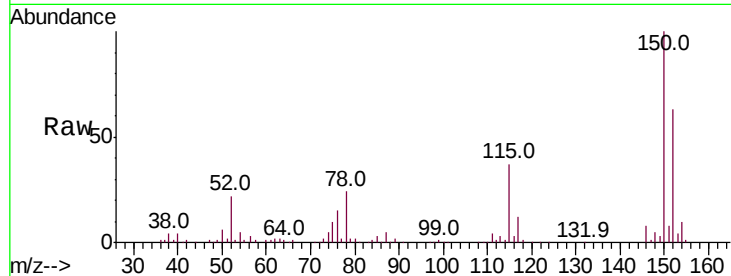


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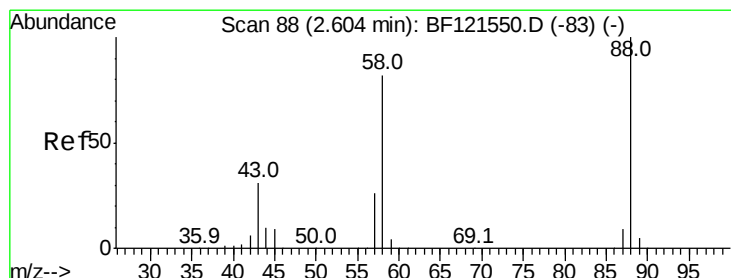
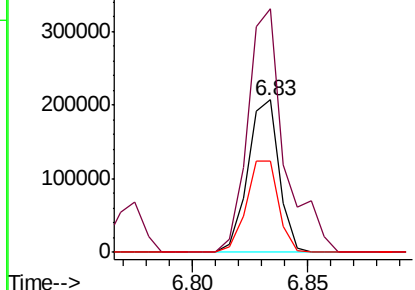
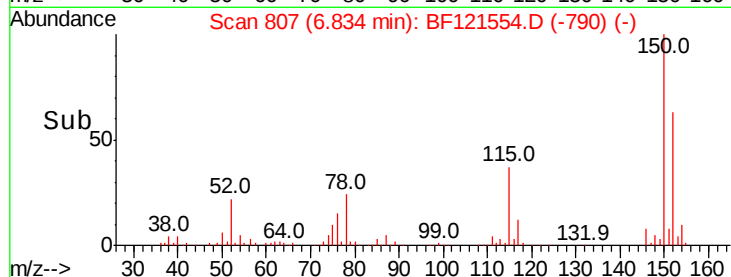
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF121554.D
Acq: 10 Sep 2020 16:49

Instrument :
BNA_F
ClientSampleId :
ICVBF091020

Tot Ion:152 Resp: 196099
Ion Ratio Lower Upper
152 100
150 159.8 125.8 188.6
115 59.7 47.8 71.8



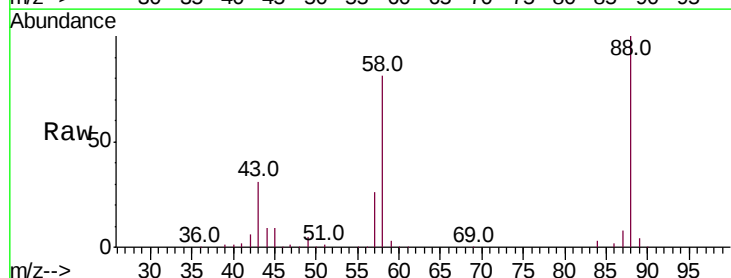
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



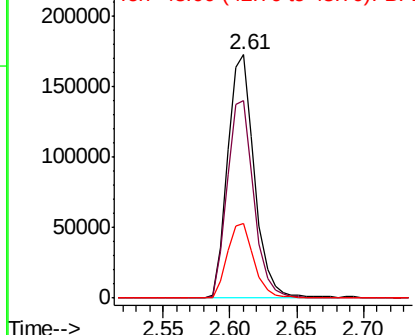
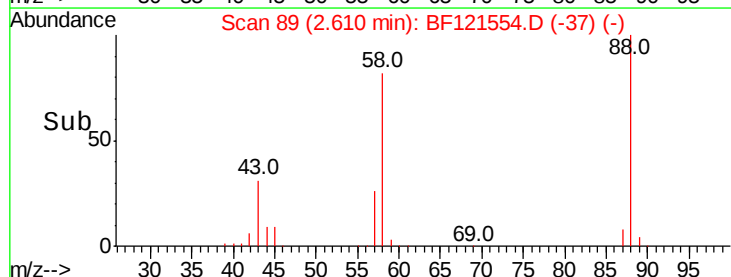
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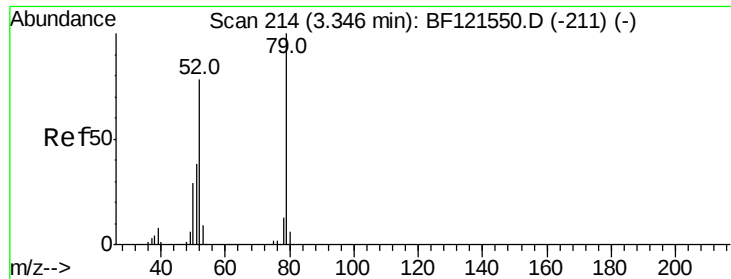
1,4-Dioxane
Concen: 39.368 ng
RT: 2.61 min Scan# 89
Delta R.T. 0.01 min
Lab File: BF121554.D
Acq: 10 Sep 2020 16:49

Tgt Ion: 88 Resp: 238654
Ion Ratio Lower Upper
88 100
58 82.1 65.1 97.7
43 31.1 25.0 37.4



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 39.290 ng

RT: 3.35 min Scan# 214

Delta R.T. -0.00 min

Lab File: BF121554.D

Acq: 10 Sep 2020 16:49

Instrument :

BNA_F

ClientSampleId :

ICVBF091020

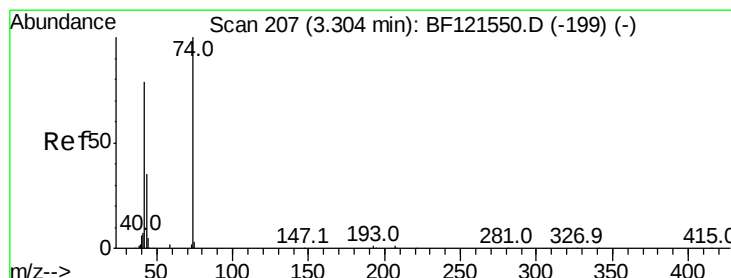
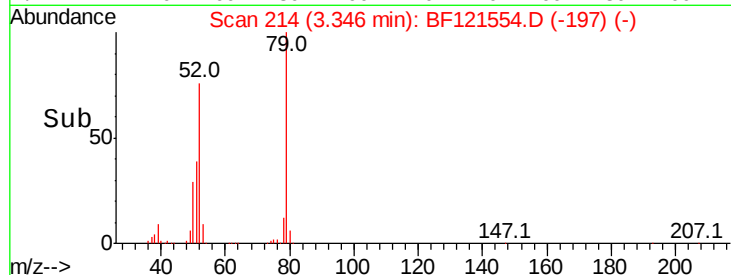
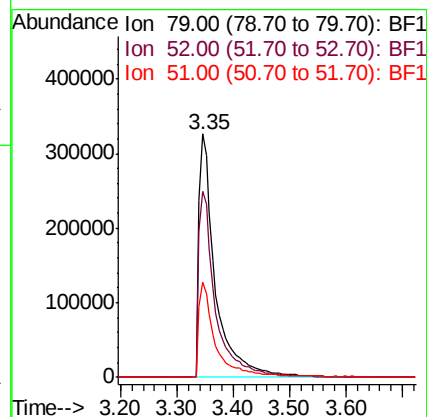
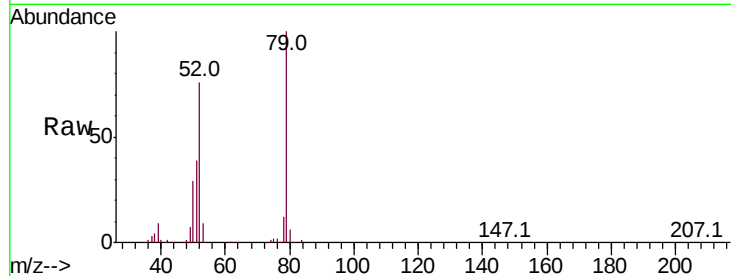
Tot Ion: 79 Resp: 658444

Ion Ratio Lower Upper

79 100

52 76.5 62.2 93.2

51 39.1 30.6 45.8



#4

n-Nitrosodimethylamine

Concen: 39.389 ng

RT: 3.31 min Scan# 208

Delta R.T. 0.01 min

Lab File: BF121554.D

Acq: 10 Sep 2020 16:49

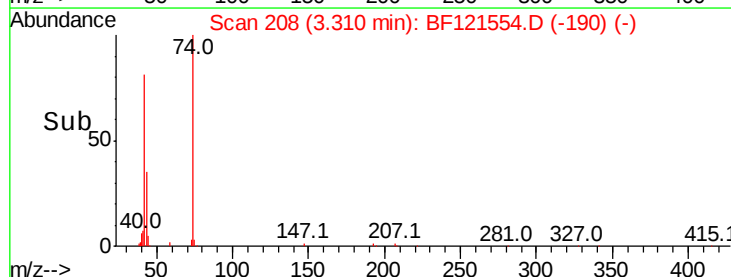
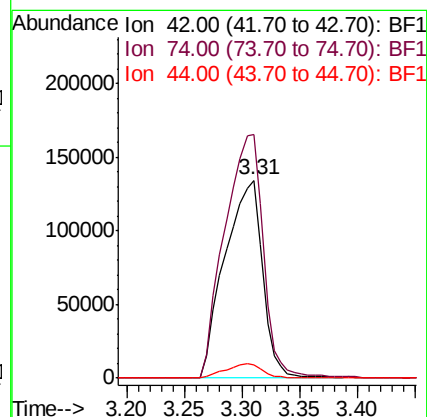
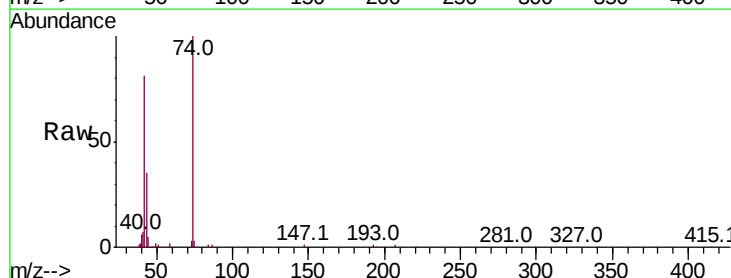
Tgt Ion: 42 Resp: 306190

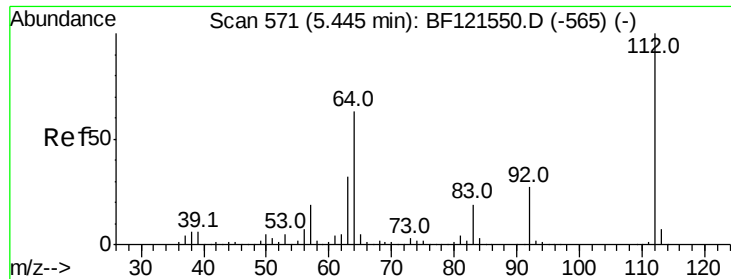
Ion Ratio Lower Upper

42 100

74 123.0 101.7 152.5

44 6.7 5.4 8.2

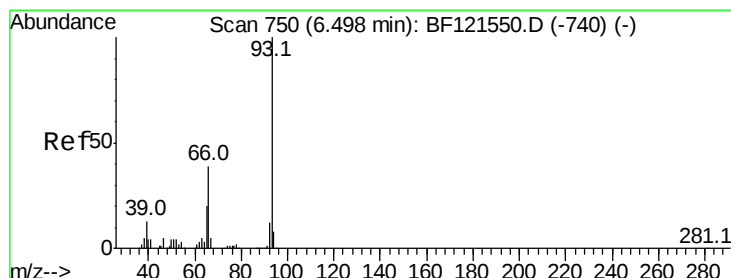
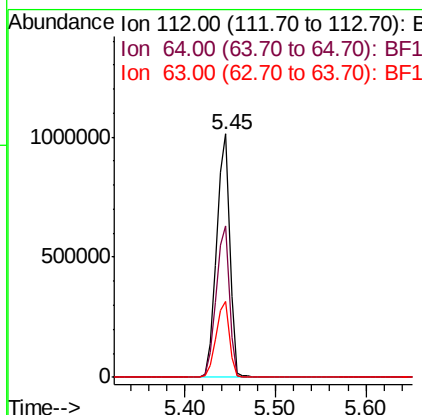
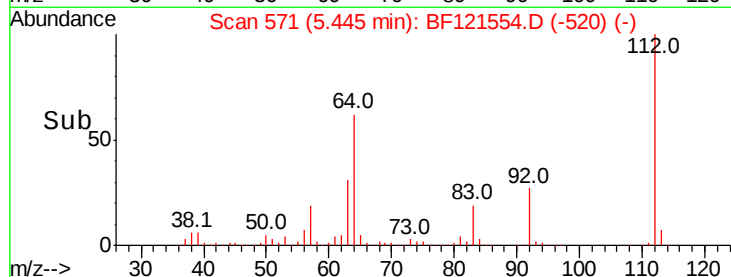
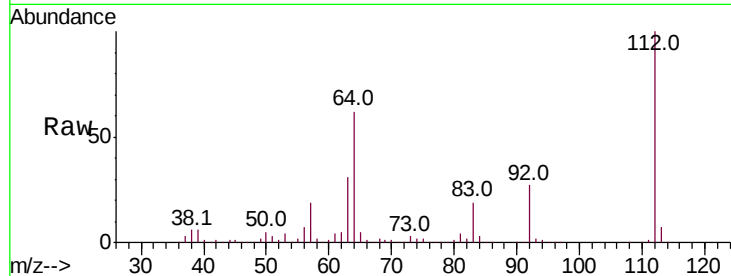




#5
 2-Fluorophenol
 Concen: 76.879 ng
 RT: 5.45 min Scan# 571
 Delta R.T. -0.00 min
 Lab File: BF121554.D
 Acq: 10 Sep 2020 16:49

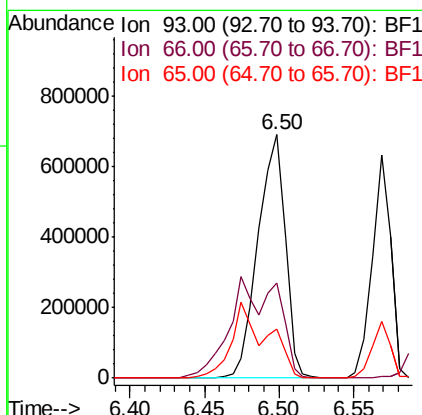
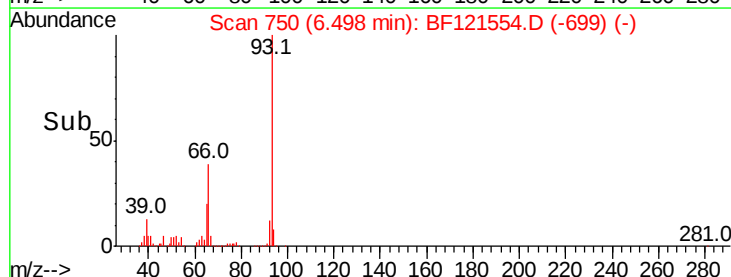
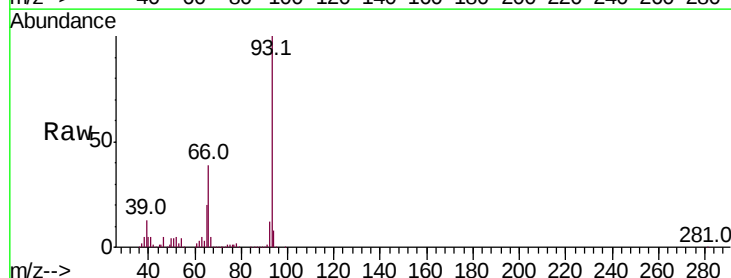
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF091020

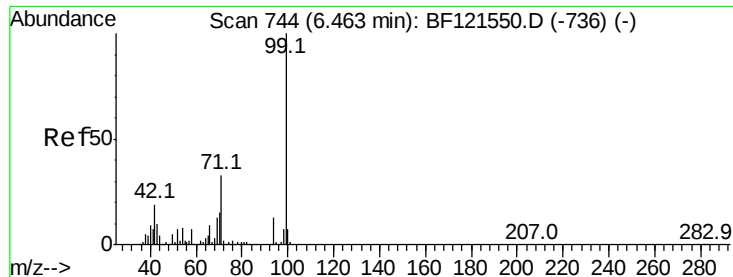
Tot Ion:112 Resp: 1014447
 Ion Ratio Lower Upper
 112 100
 64 62.1 50.3 75.5
 63 31.4 25.6 38.4



#6
 Aniline
 Concen: 38.638 ng
 RT: 6.50 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF121554.D
 Acq: 10 Sep 2020 16:49

Tgt Ion: 93 Resp: 871158
 Ion Ratio Lower Upper
 93 100
 66 39.3 31.8 47.8
 65 20.3 16.2 24.2





#7

Phenol-d6

Concen: 76.869 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF121554.D

Acq: 10 Sep 2020 16:49

Instrument :

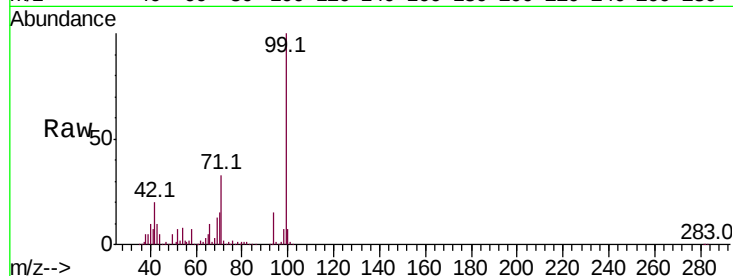
BNA_F

ClientSampleId :

ICVBF091020

Tot Ion: 99 Resp: 1330716

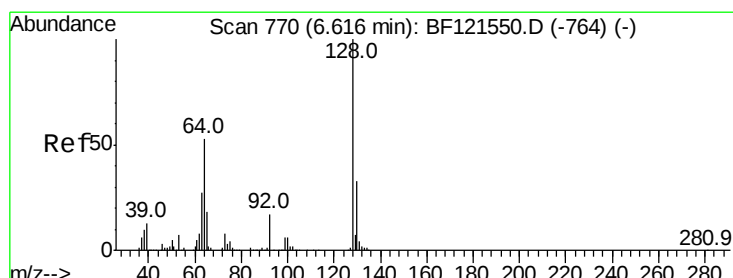
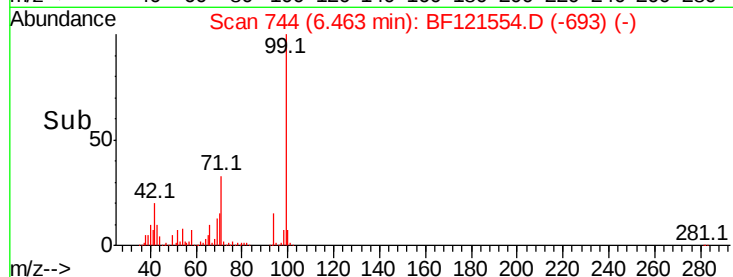
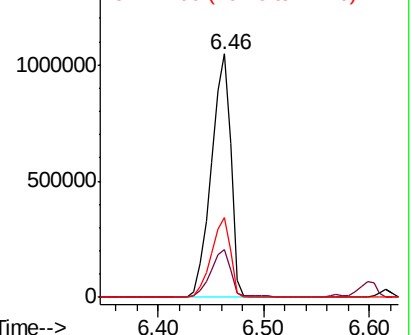
Ion	Ratio	Lower	Upper
99	100		
42	19.5	15.5	23.3
71	32.7	26.1	39.1



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.049 ng

RT: 6.62 min Scan# 770

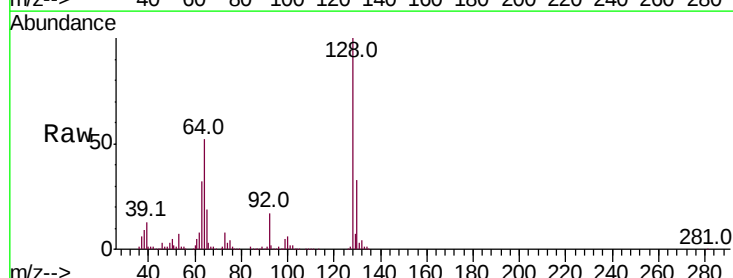
Delta R.T. -0.00 min

Lab File: BF121554.D

Acq: 10 Sep 2020 16:49

Tgt Ion: 128 Resp: 524608

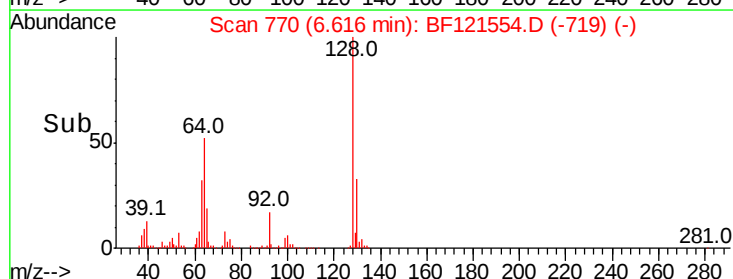
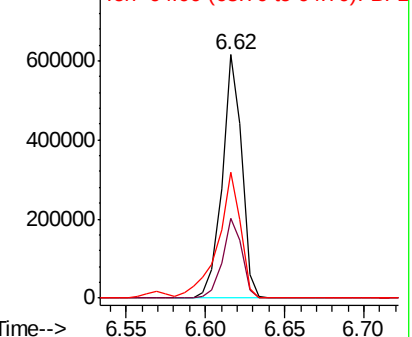
Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.6	52.6
64	51.7	33.1	73.1

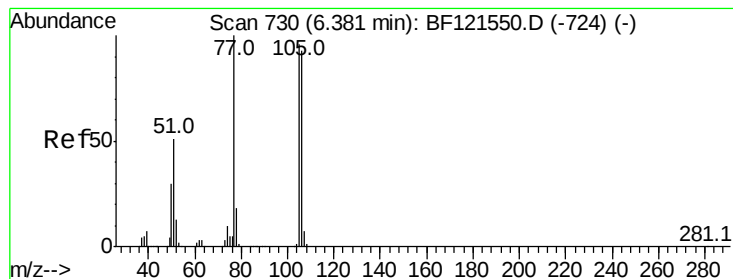


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 37.153 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF121554.D

Acq: 10 Sep 2020 16:49

Instrument :

BNA_F

ClientSampleId :

ICVBF091020

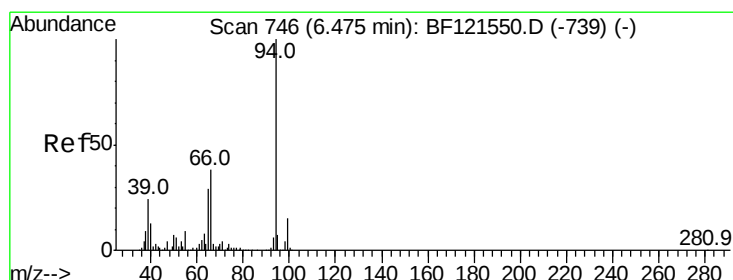
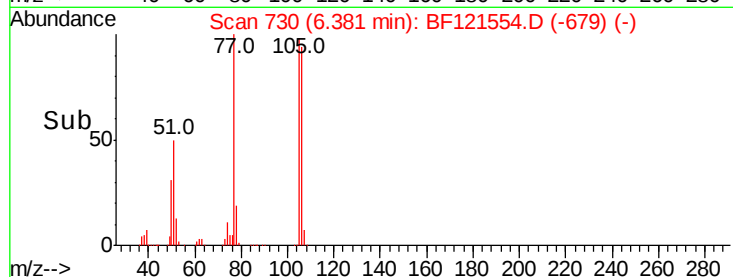
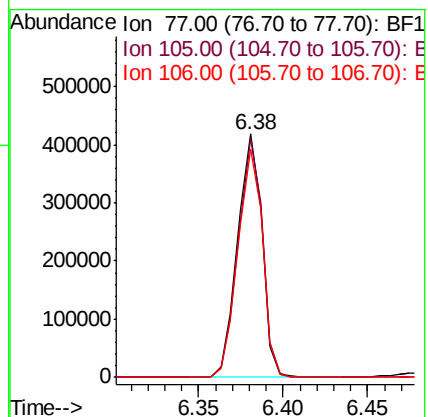
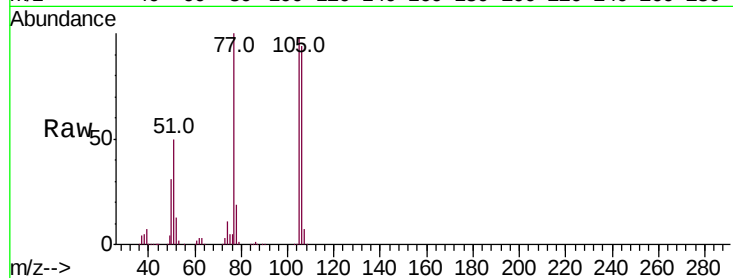
Tot Ion: 77 Resp: 420466

Ion Ratio Lower Upper

77 100

105 97.9 76.4 116.4

106 93.8 73.5 113.5



#10

Phenol

Concen: 38.485 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF121554.D

Acq: 10 Sep 2020 16:49

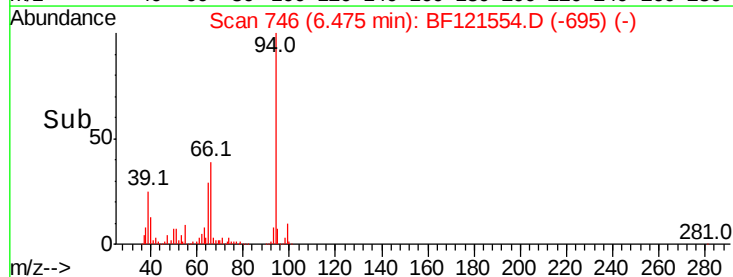
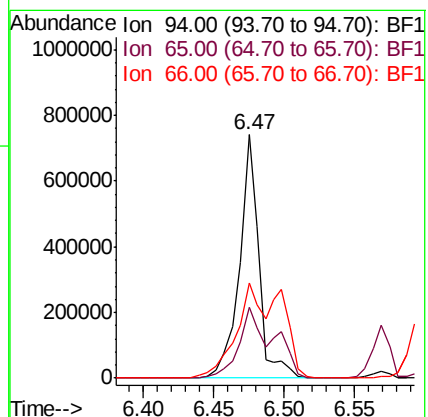
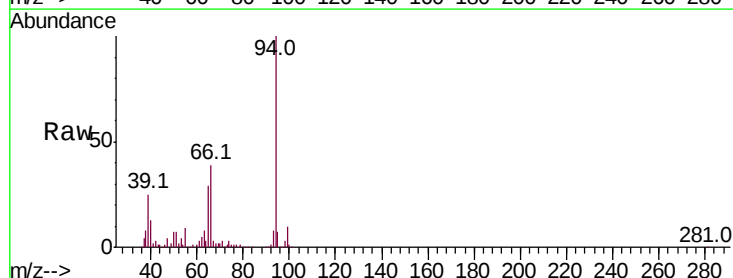
Tgt Ion: 94 Resp: 709464

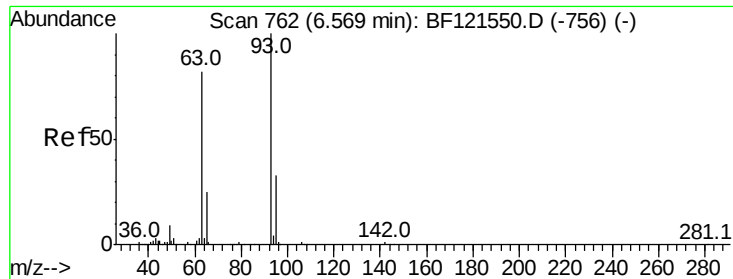
Ion Ratio Lower Upper

94 100

65 29.3 9.4 49.4

66 38.8 18.3 58.3

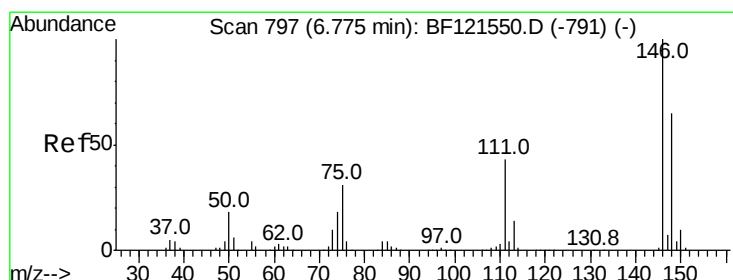
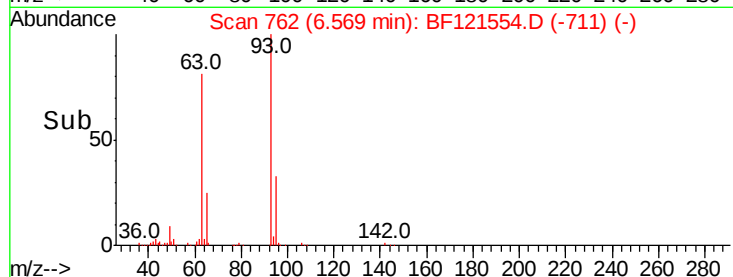
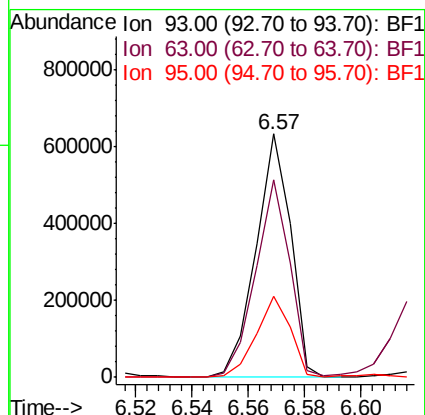
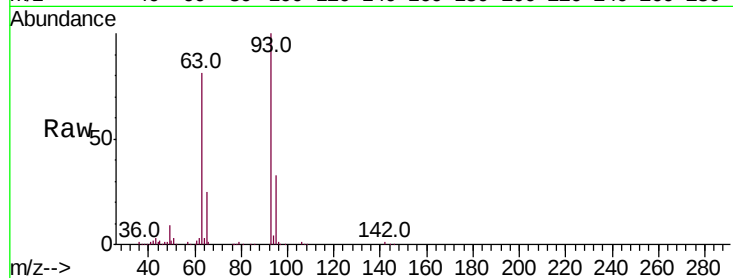




#11
bis(2-Chloroethyl)ether
Concen: 38.656 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.00 min
Lab File: BF121554.D
Acq: 10 Sep 2020 16:49

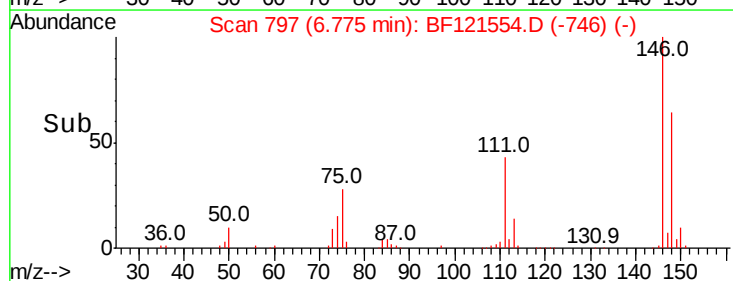
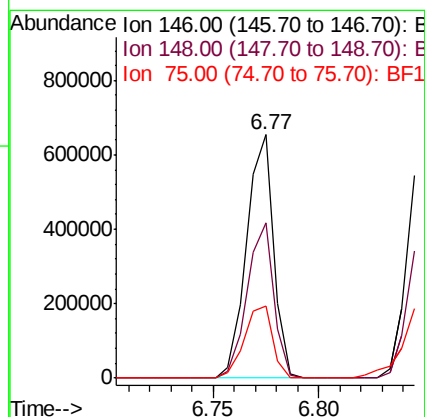
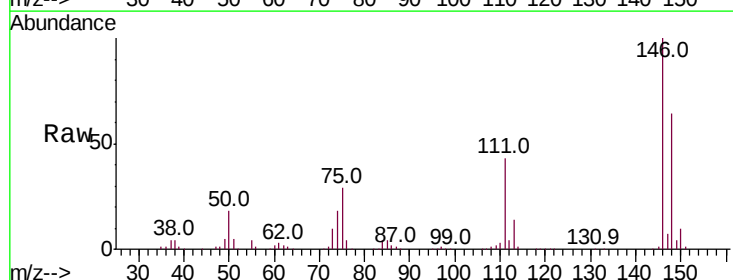
Instrument :
BNA_F
ClientSampleId :
ICVBF091020

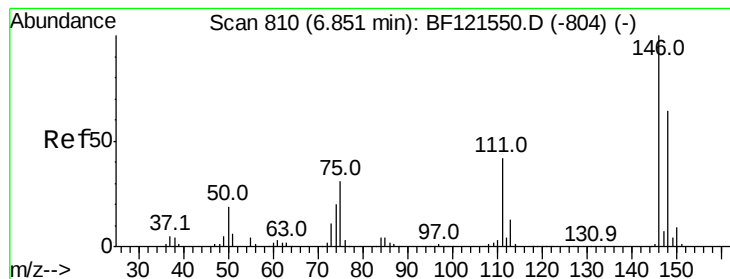
Tot Ion: 93 Resp: 537092
Ion Ratio Lower Upper
93 100
63 80.9 61.7 101.7
95 33.1 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 38.641 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.00 min
Lab File: BF121554.D
Acq: 10 Sep 2020 16:49

Tgt Ion: 146 Resp: 579428
Ion Ratio Lower Upper
146 100
148 63.7 51.8 77.8
75 29.5 24.6 36.8





#13

1,4-Dichlorobenzene

Concen: 38.454 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF121554.D

Acq: 10 Sep 2020 16:49

Instrument :

BNA_F

ClientSampleId :

ICVBF091020

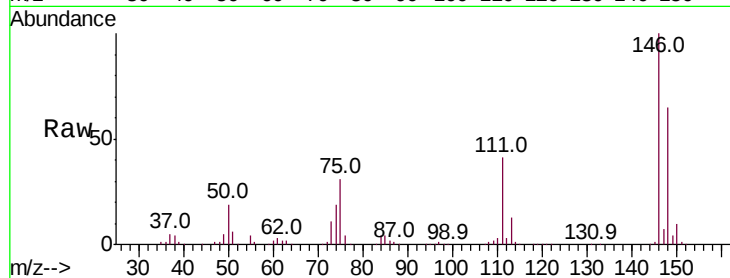
Tot Ion:146 Resp: 578992

Ion Ratio Lower Upper

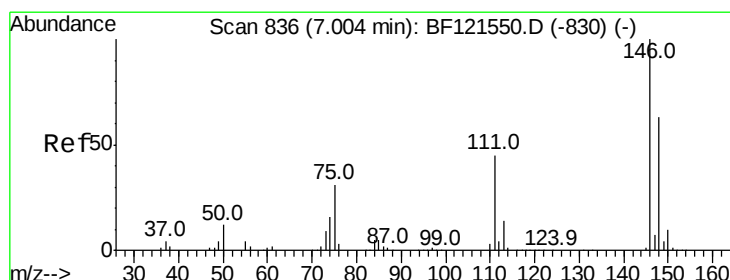
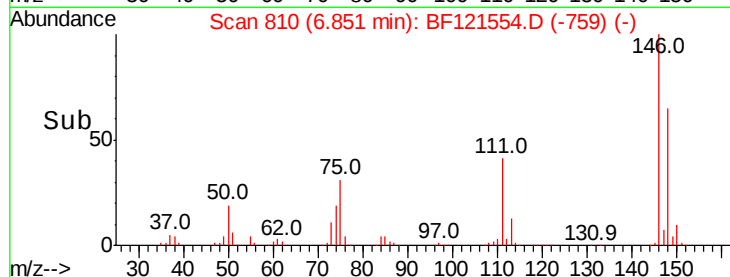
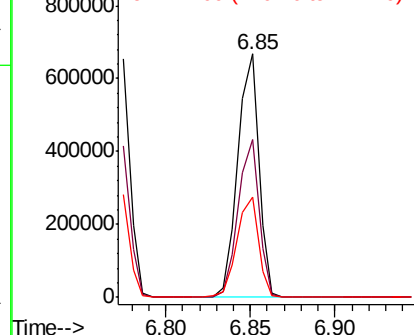
146 100

148 64.6 51.2 76.8

111 41.2 33.4 50.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.414 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.00 min

Lab File: BF121554.D

Acq: 10 Sep 2020 16:49

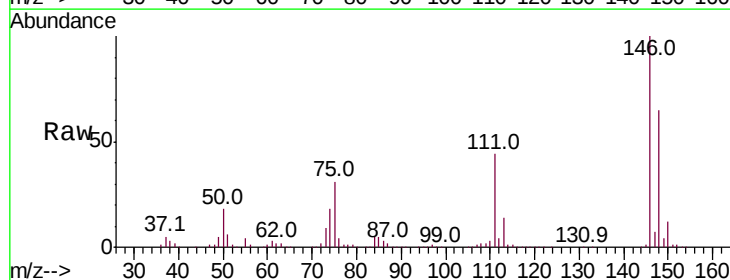
Tgt Ion:146 Resp: 532822

Ion Ratio Lower Upper

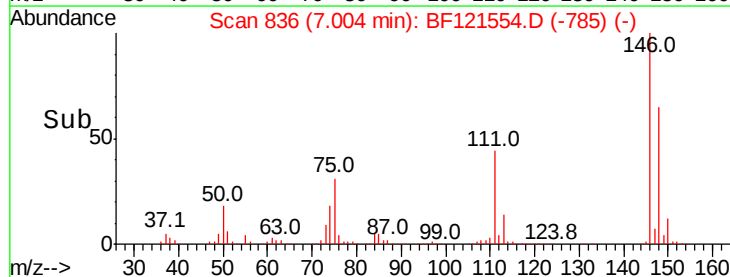
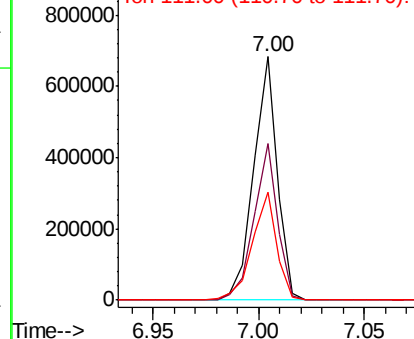
146 100

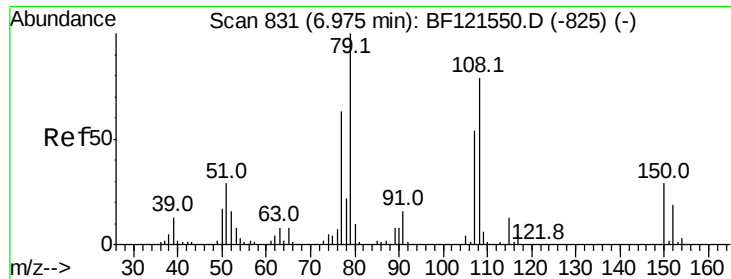
148 64.6 50.7 76.1

111 44.3 35.8 53.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

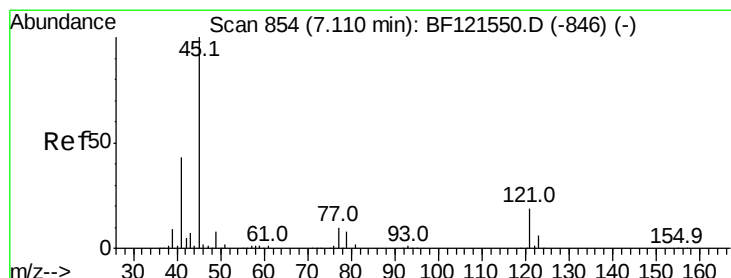
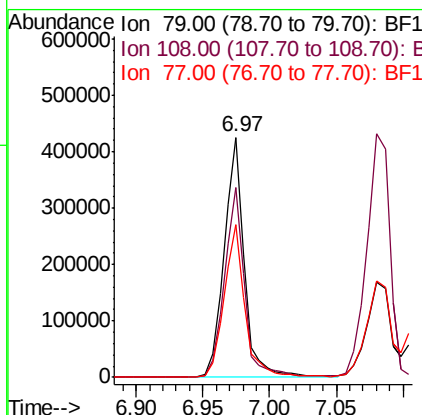
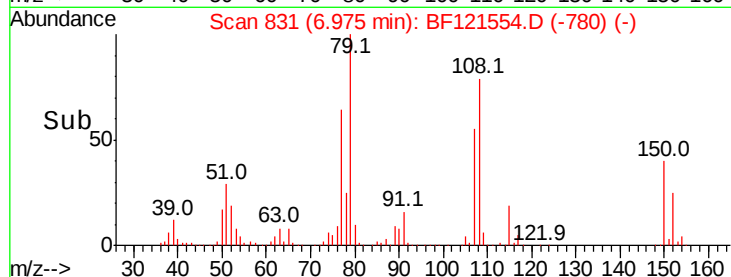
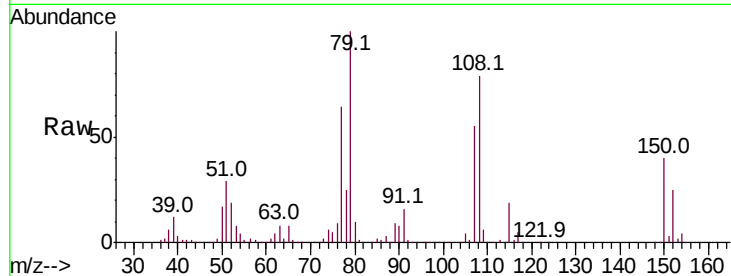




#15
Benzyl Alcohol
Concen: 38.842 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF121554.D
Acq: 10 Sep 2020 16:49

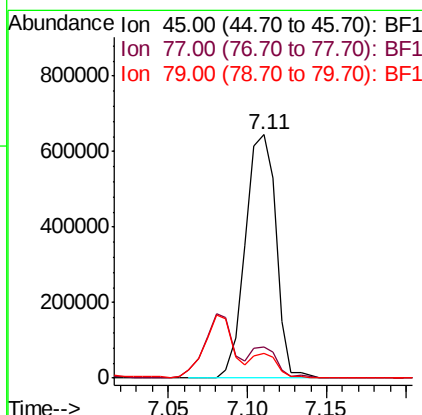
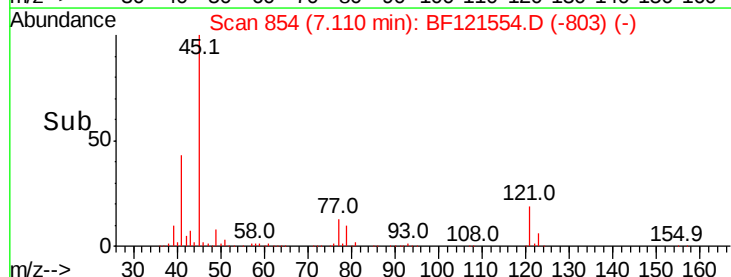
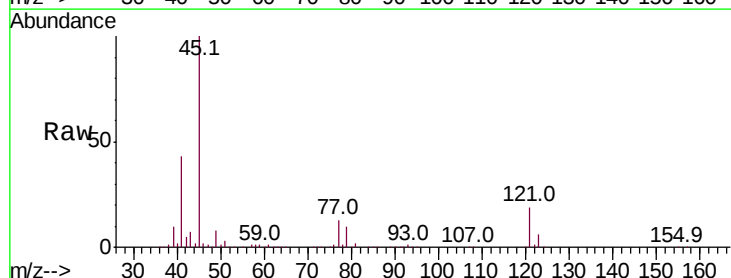
Instrument :
BNA_F
ClientSampleId :
ICVBF091020

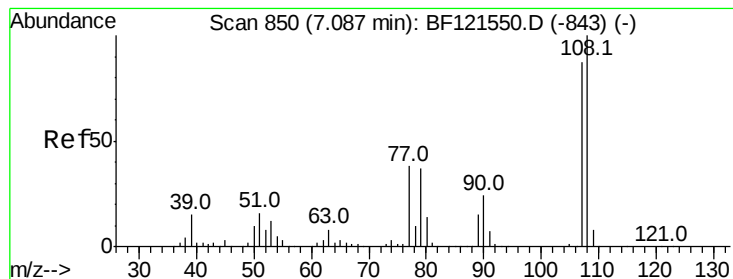
Tot Ion:	79	Resp:	457031
Ion	Ratio	Lower	Upper
79	100		
108	79.3	63.1	94.7
77	63.6	50.2	75.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.790 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF121554.D
Acq: 10 Sep 2020 16:49

Tgt Ion:	45	Resp:	867270
Ion	Ratio	Lower	Upper
45	100		
77	12.9	0.0	32.5
79	9.9	0.0	29.8





#17

2-Methylphenol

Concen: 38.577 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF121554.D

Acq: 10 Sep 2020 16:49

Instrument :

BNA_F

ClientSampleId :

ICVBF091020

Tot Ion:107 Resp: 440982

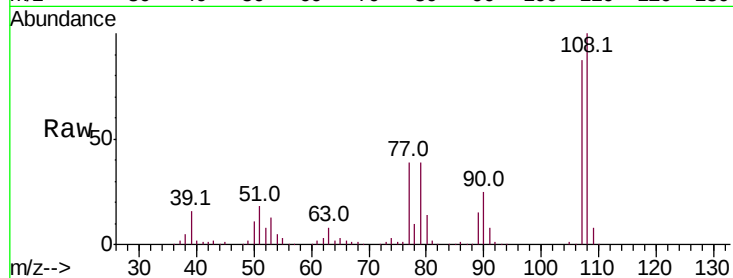
Ion Ratio Lower Upper

107 100

108 115.5 92.1 138.1

77 45.5 35.5 53.3

79 45.1 34.5 51.7

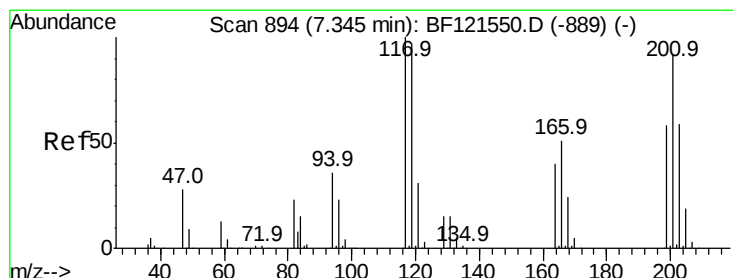
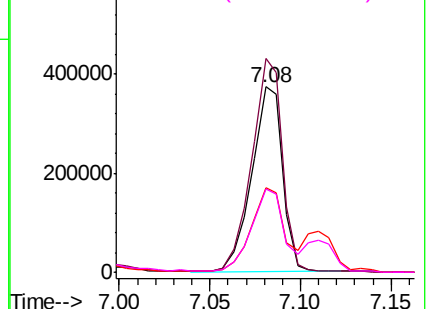
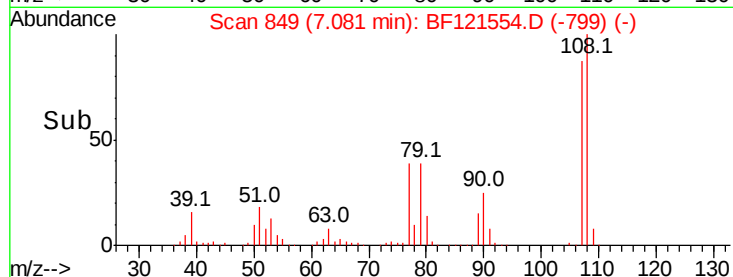


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 38.929 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.00 min

Lab File: BF121554.D

Acq: 10 Sep 2020 16:49

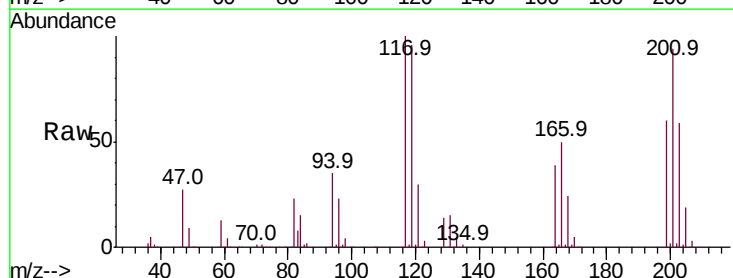
Tgt Ion:117 Resp: 209876

Ion Ratio Lower Upper

117 100

119 96.0 77.2 115.8

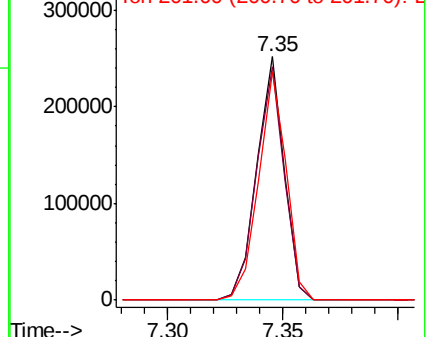
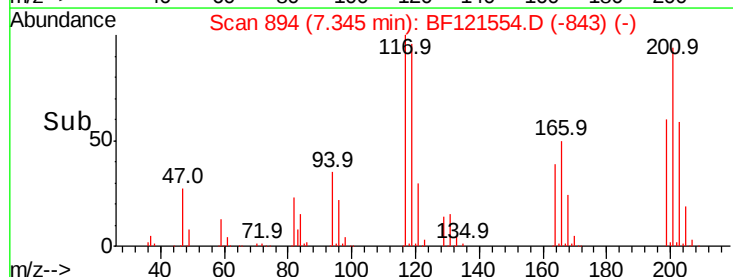
201 93.6 73.7 110.5

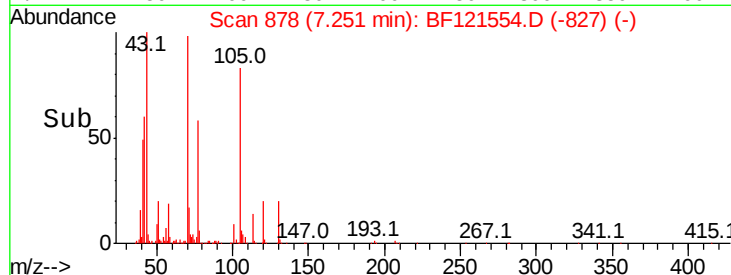
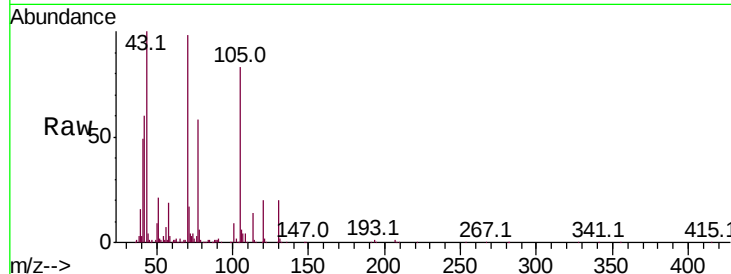
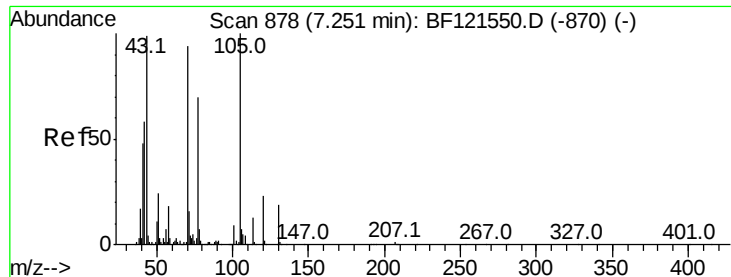


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

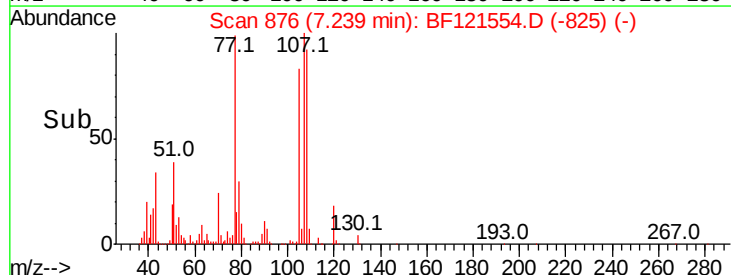
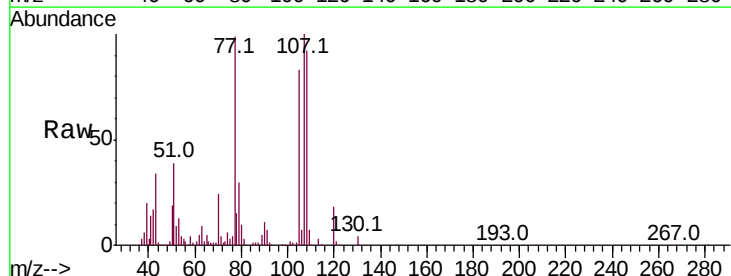
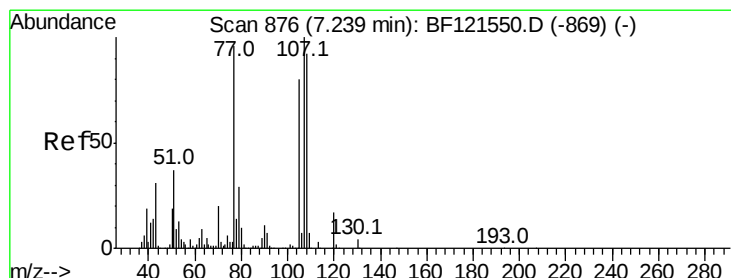
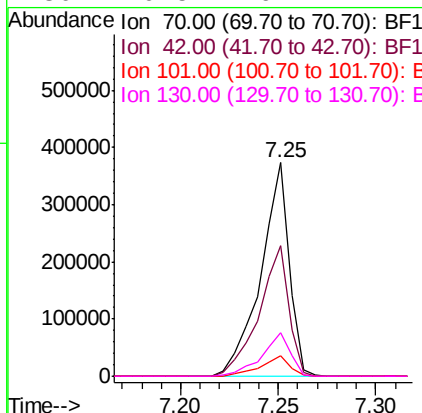




#19
n-Nitroso-di-n-propylamine
Concen: 37.878 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.00 min
Lab File: BF121554.D
Acq: 10 Sep 2020 16:49

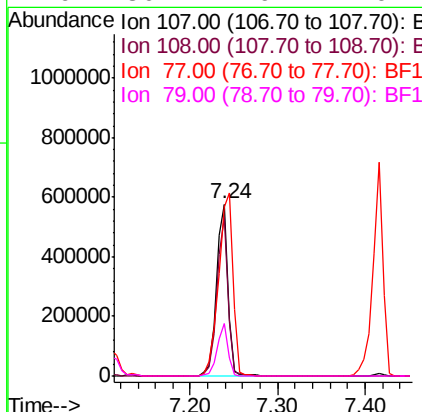
Instrument :
BNA_F
ClientSampleId :
ICVBF091020

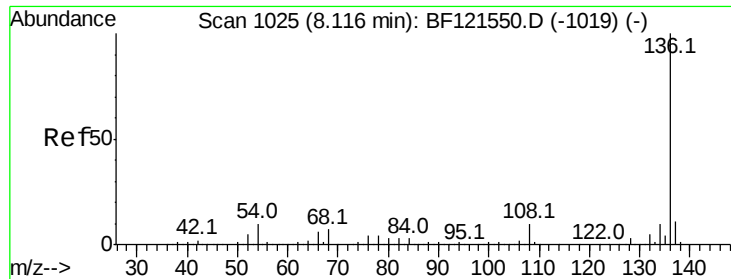
Tot Ion:	70	Resp:	377917
Ion	Ratio	Lower	Upper
70	100		
42	61.2	49.4	74.2
101	9.6	7.6	11.4
130	20.5	16.2	24.4



#20
3+4-Methylphenols
Concen: 38.201 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: BF121554.D
Acq: 10 Sep 2020 16:49

Tgt Ion:	107	Resp:	524666
Ion	Ratio	Lower	Upper
107	100		
108	92.5	71.8	111.8
77	98.5	75.5	115.5
79	30.4	9.2	49.2

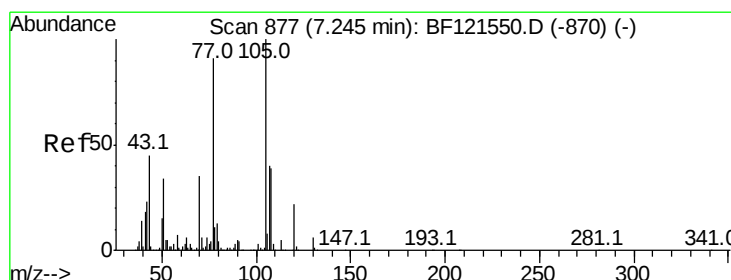
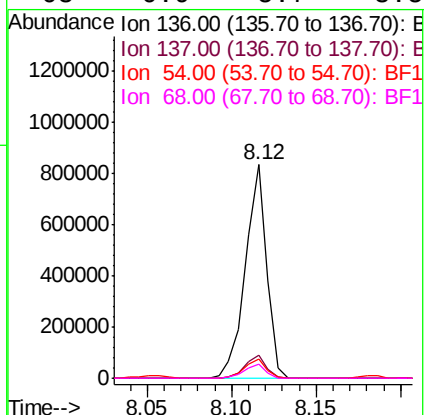
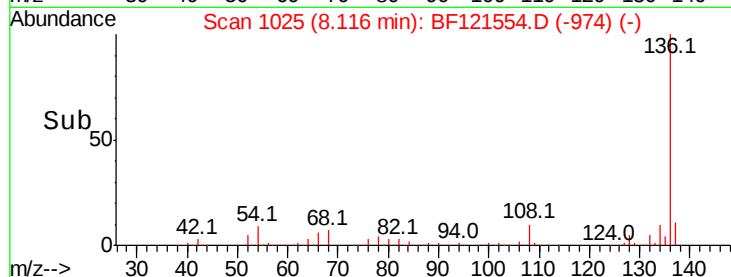
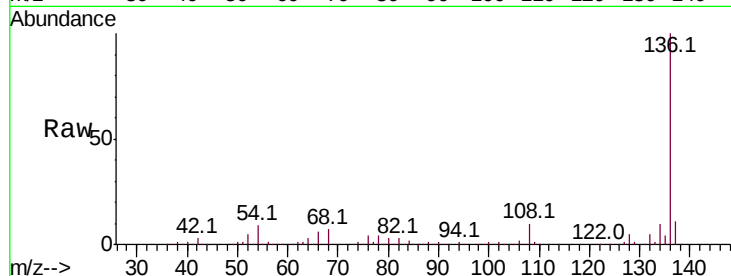




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF121554.D
Acq: 10 Sep 2020 16:49

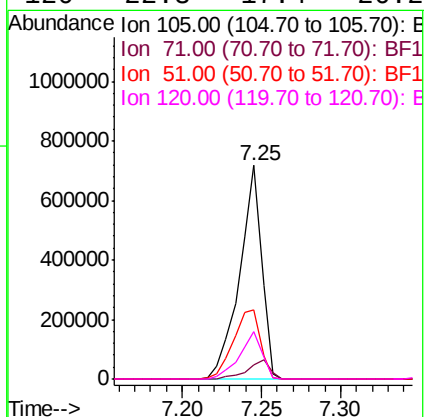
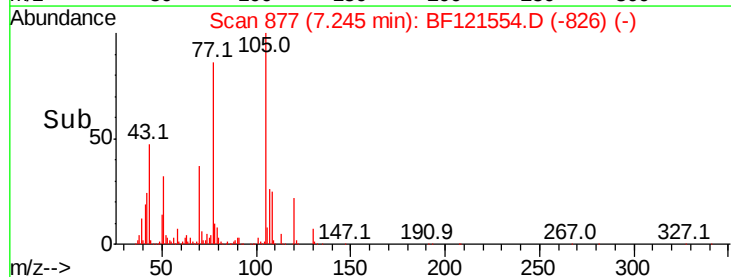
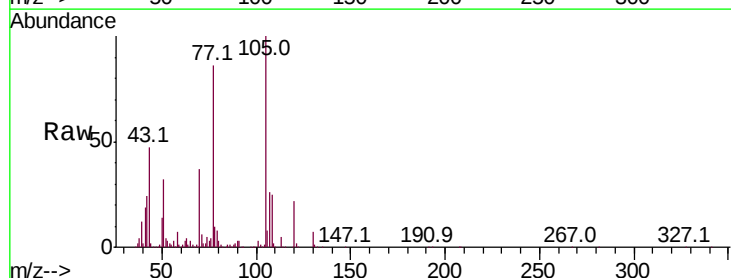
Instrument :
BNA_F
ClientSampleId :
ICVBF091020

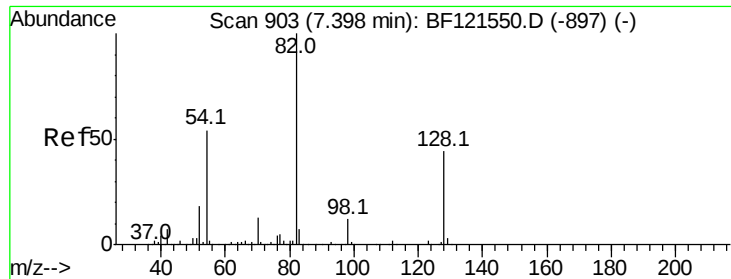
Tot Ion:136	Resp:	735502	
Ion Ratio	Lower	Upper	
136 100			
137 11.1	9.0	13.6	
54 9.2	7.6	11.4	
68 6.9	5.7	8.5	



#22
Acetophenone
Concen: 37.306 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: BF121554.D
Acq: 10 Sep 2020 16:49

Tgt	Ion:105	Resp:	696174
Ion	Ratio	Lower	Upper
105	100		
71	6.4	4.6	7.0
51	32.2	27.6	41.4
120	22.3	17.4	26.2

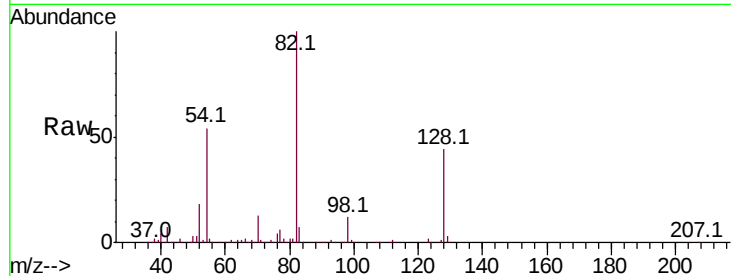




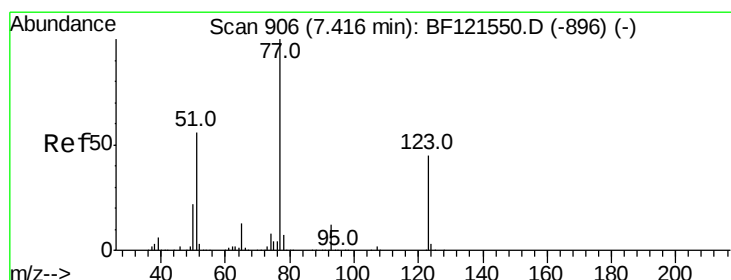
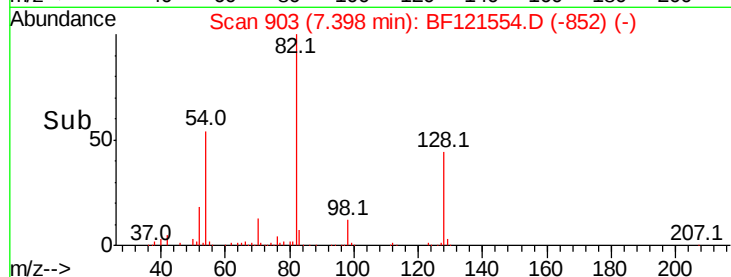
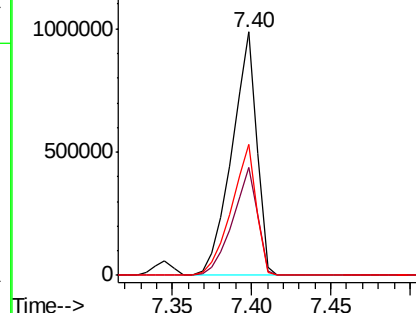
#23
Nitrobenzene-d5
Concen: 78.469 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.00 min
Lab File: BF121554.D
Acq: 10 Sep 2020 16:49

Instrument :
BNA_F
ClientSampleId :
ICVBF091020

Tot Ion: 82 Resp: 1074917
Ion Ratio Lower Upper
82 100
128 44.1 35.1 52.7
54 53.6 43.0 64.6

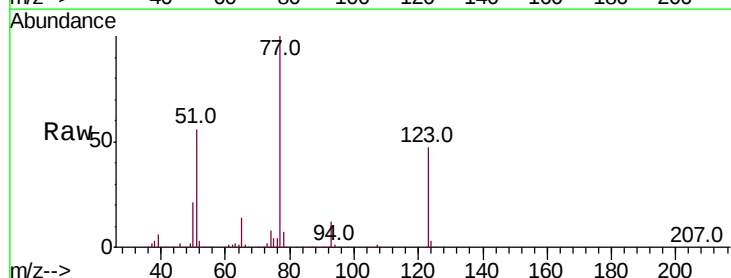


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

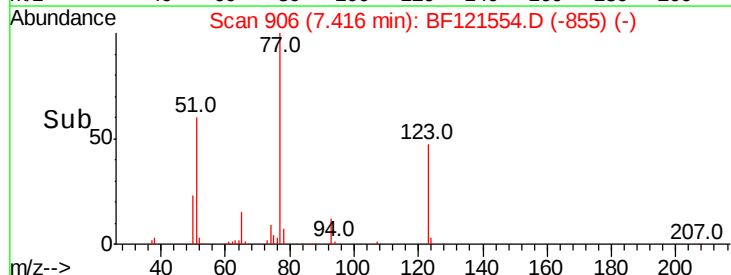
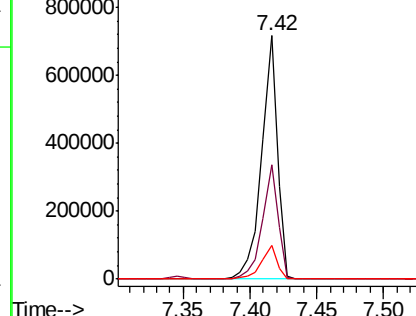


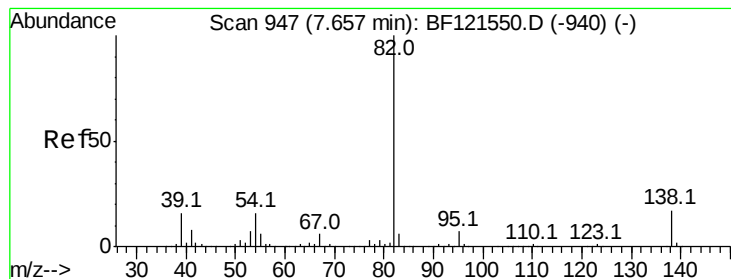
#24
Nitrobenzene
Concen: 39.000 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF121554.D
Acq: 10 Sep 2020 16:49

Tgt Ion: 77 Resp: 577809
Ion Ratio Lower Upper
77 100
123 46.8 35.8 53.8
65 13.8 10.7 16.1



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 38.052 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.00 min

Lab File: BF121554.D

Acq: 10 Sep 2020 16:49

Instrument :

BNA_F

ClientSampleId :

ICVBF091020

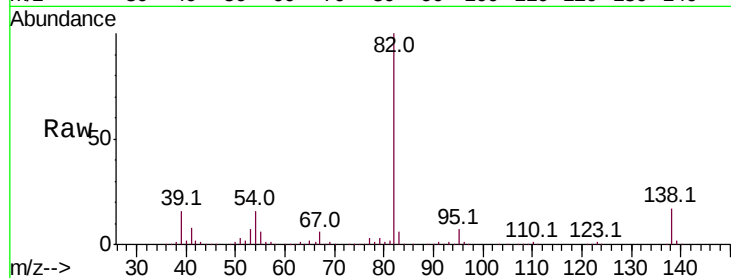
Tot Ion: 82 Resp: 1049300

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

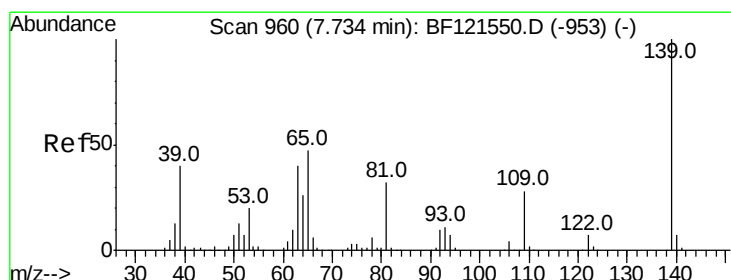
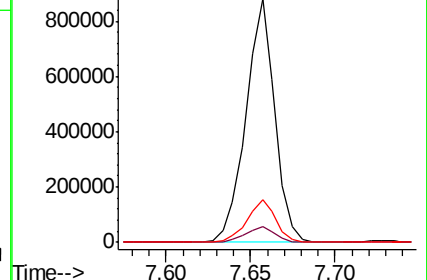
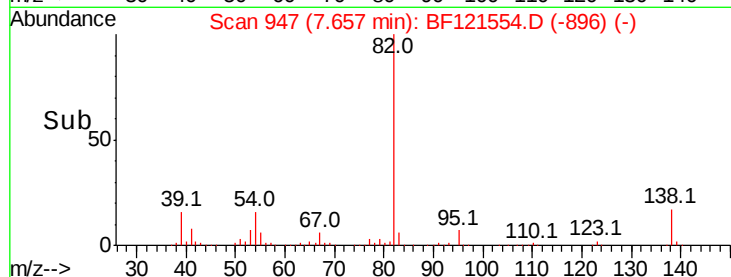
138 17.4 13.7 20.5



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 39.637 ng

RT: 7.73 min Scan# 959

Delta R.T. -0.01 min

Lab File: BF121554.D

Acq: 10 Sep 2020 16:49

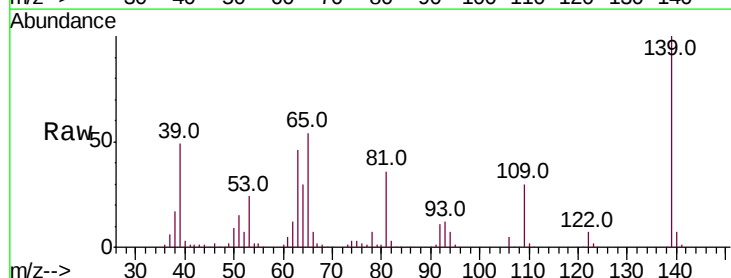
Tgt Ion: 139 Resp: 273176

Ion Ratio Lower Upper

139 100

109 29.6 22.4 33.6

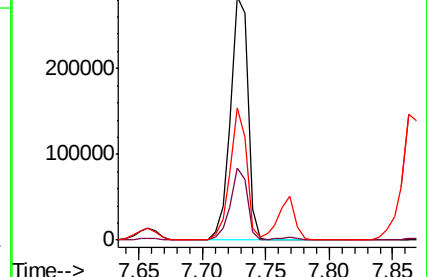
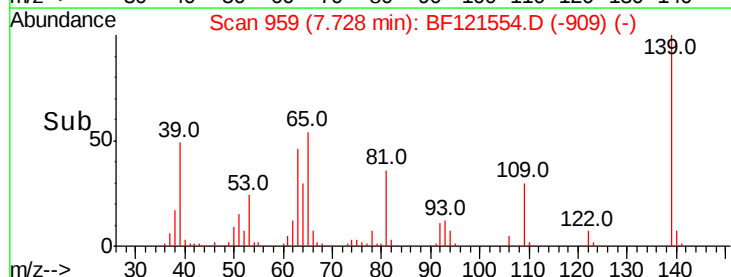
65 54.3 37.6 56.4

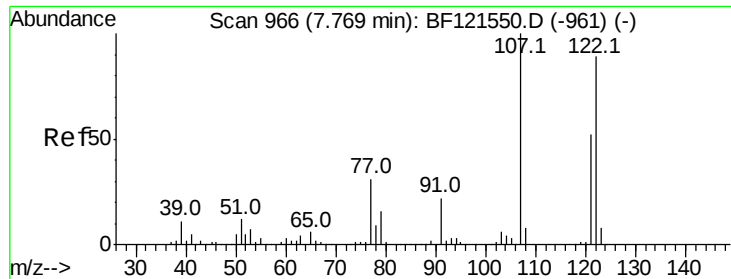


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 38.007 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF121554.D

Acq: 10 Sep 2020 16:49

Instrument :

BNA_F

ClientSampleId :

ICVBF091020

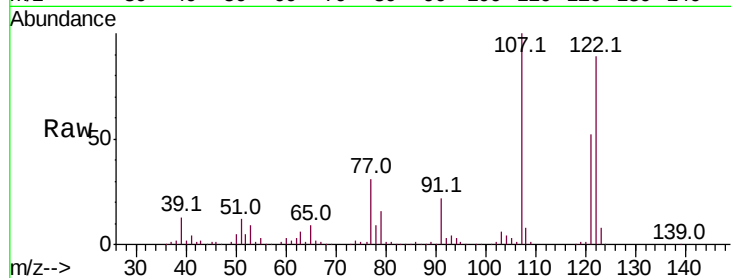
Tot Ion:122 Resp: 467838

Ion Ratio Lower Upper

122 100

107 112.8 89.5 134.3

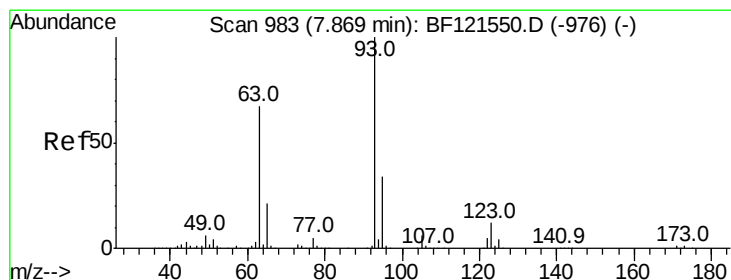
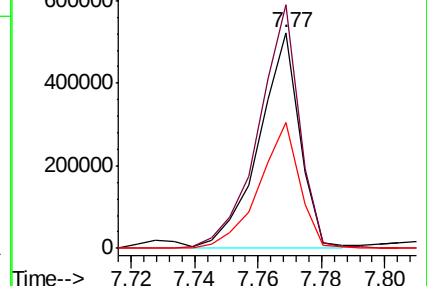
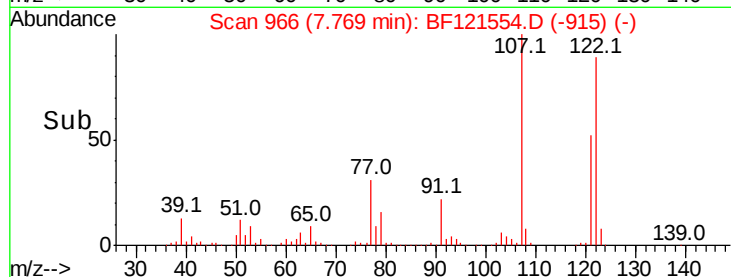
121 58.4 46.6 70.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.288 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.00 min

Lab File: BF121554.D

Acq: 10 Sep 2020 16:49

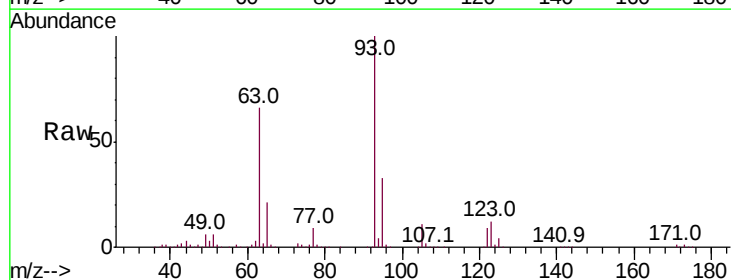
Tgt Ion: 93 Resp: 653622

Ion Ratio Lower Upper

93 100

95 32.7 26.8 40.2

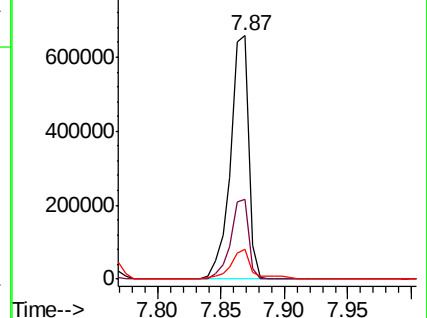
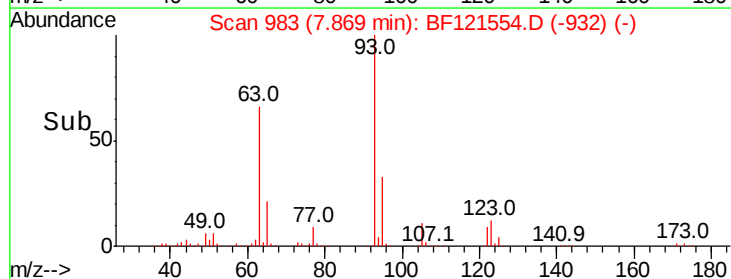
123 12.4 9.7 14.5

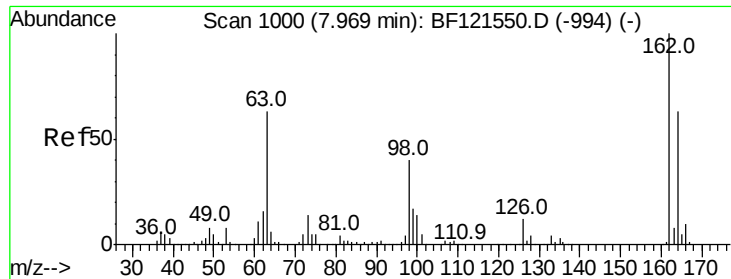


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

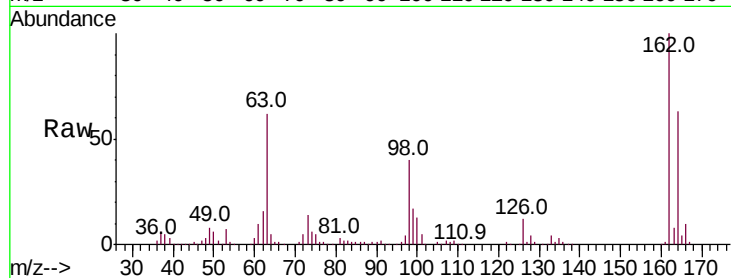




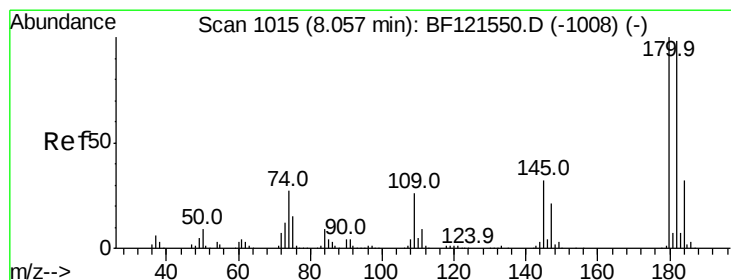
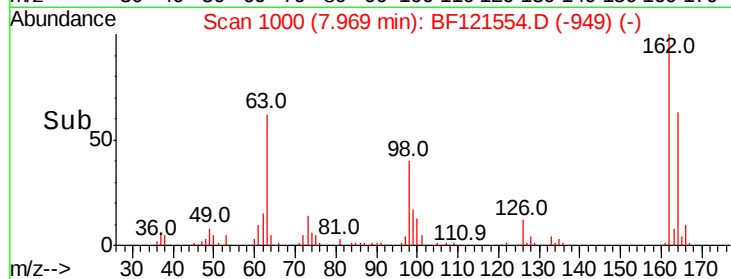
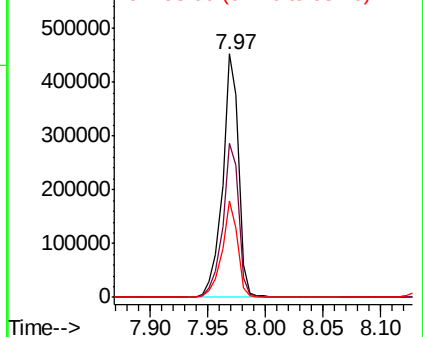
#29
 2,4-Dichlorophenol
 Concen: 38.843 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: BF121554.D
 Acq: 10 Sep 2020 16:49

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF091020

Tot Ion:162 Resp: 435476
 Ion Ratio Lower Upper
 162 100
 164 63.4 43.5 83.5
 98 39.8 20.2 60.2

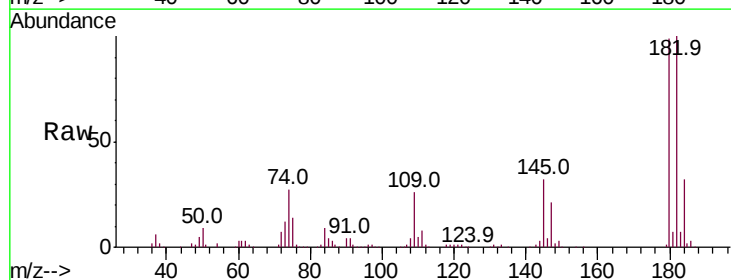


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

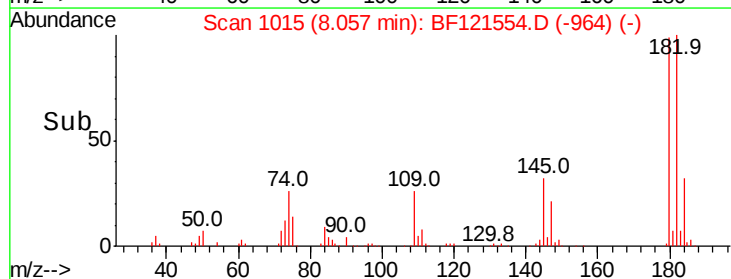
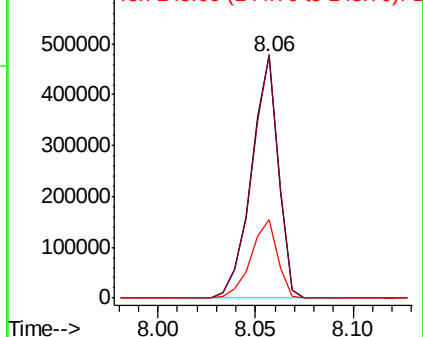


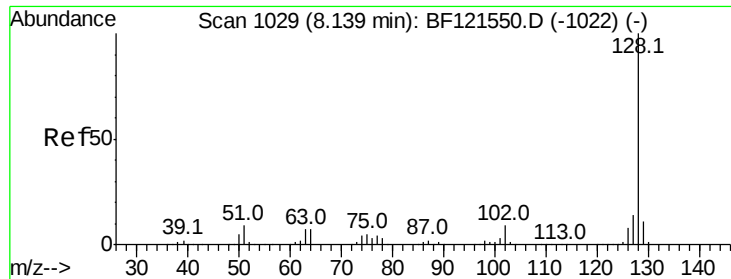
#30
 1,2,4-Trichlorobenzene
 Concen: 38.379 ng
 RT: 8.06 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: BF121554.D
 Acq: 10 Sep 2020 16:49

Tgt Ion:180 Resp: 453165
 Ion Ratio Lower Upper
 180 100
 182 100.6 78.7 118.1
 145 32.4 26.0 39.0



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

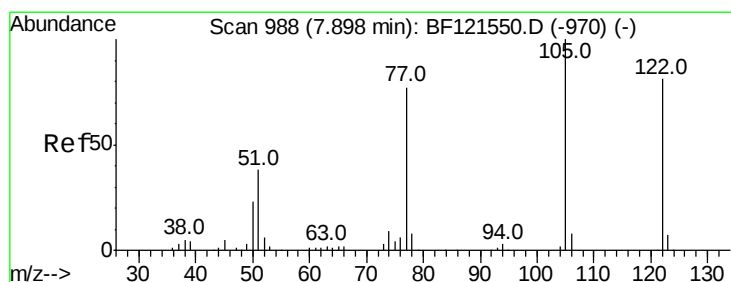
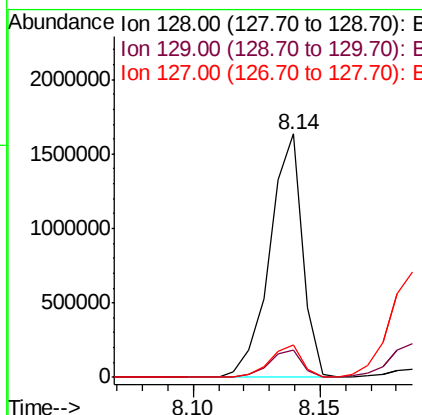
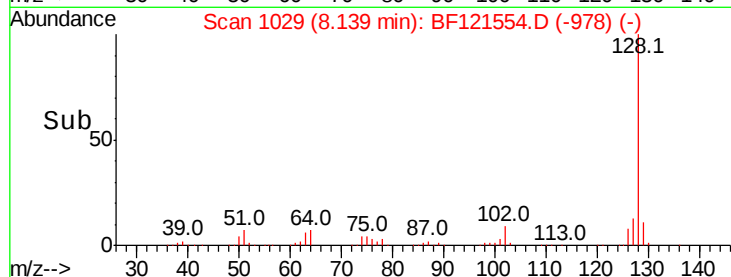
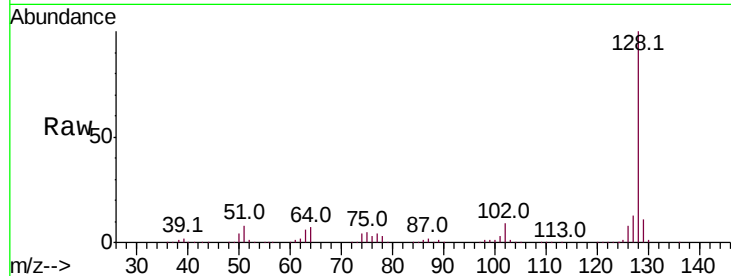




#31
Naphthalene
Concen: 38.191 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF121554.D
Acq: 10 Sep 2020 16:49

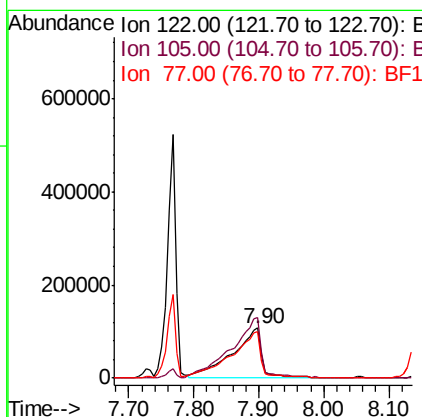
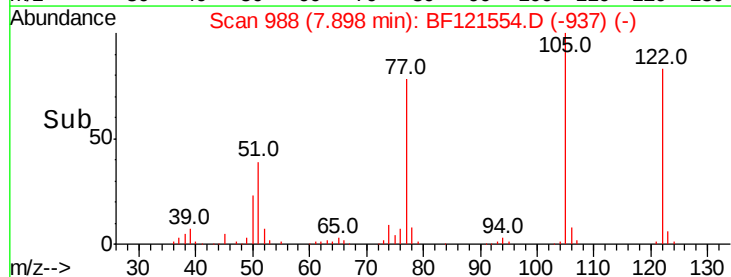
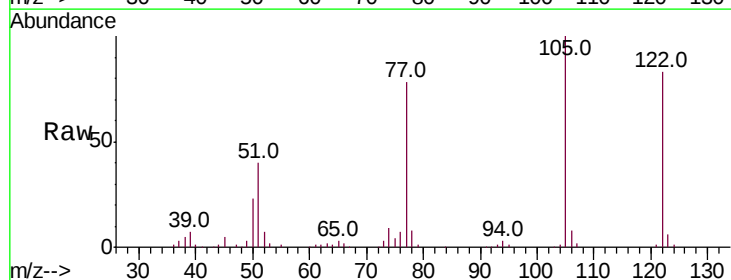
Instrument :
BNA_F
ClientSampleId :
ICVBF091020

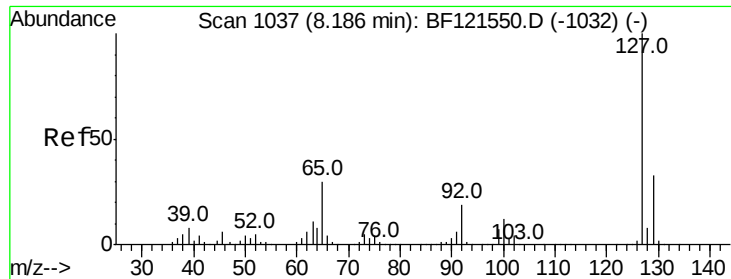
Tot Ion:128 Resp: 1482803
Ion Ratio Lower Upper
128 100
129 11.3 9.1 13.7
127 13.5 11.0 16.6



#32
Benzoic acid
Concen: 38.630 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF121554.D
Acq: 10 Sep 2020 16:49

Tgt Ion:122 Resp: 340233
Ion Ratio Lower Upper
122 100
105 120.4 100.5 140.5
77 93.7 72.6 112.6

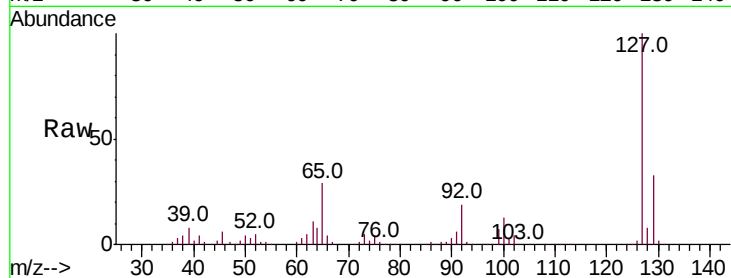




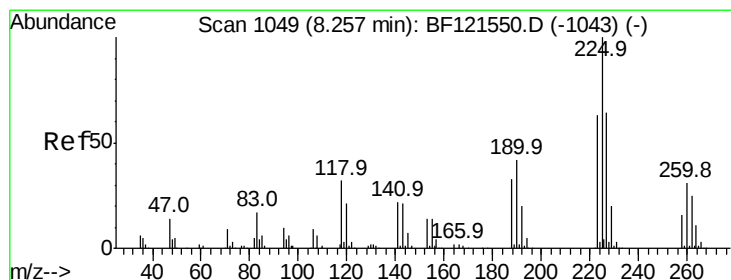
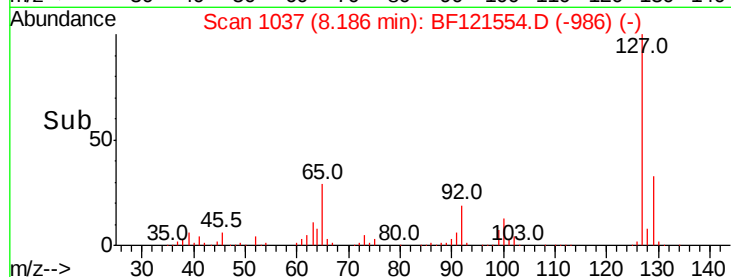
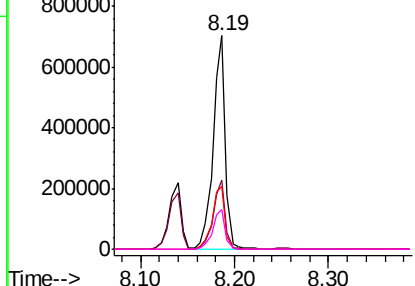
#33
4-Chloroaniline
Concen: 38.400 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF121554.D
Acq: 10 Sep 2020 16:49

Instrument :
BNA_F
ClientSampleId :
ICVBF091020

Tot Ion:127	Resp:	646276
Ion	Ratio	Lower Upper
127	100	
129	32.6	26.4 39.6
65	29.5	24.4 36.6
92	18.8	15.4 23.2

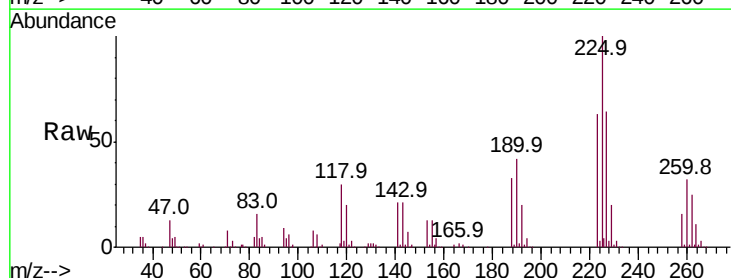


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

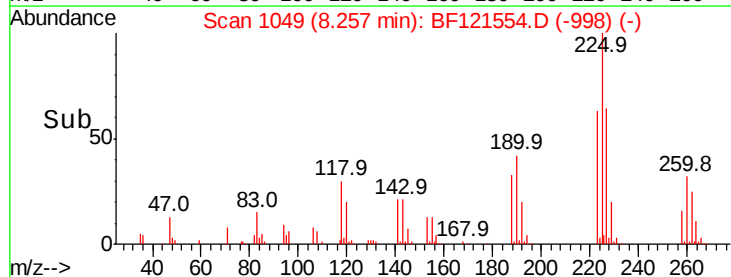
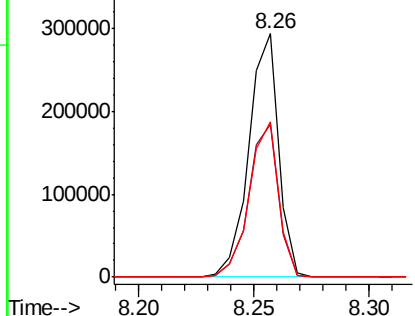


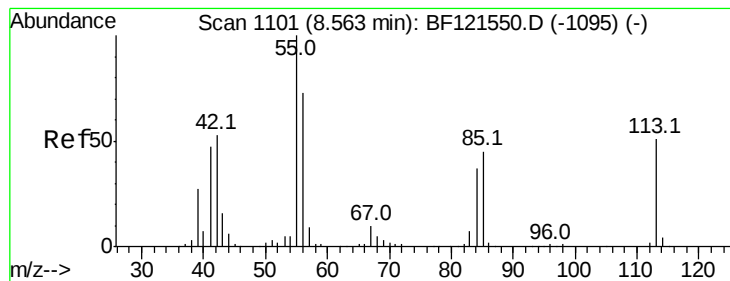
#34
Hexachlorobutadiene
Concen: 38.268 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BF121554.D
Acq: 10 Sep 2020 16:49

Tgt Ion:225	Resp:	265216
Ion	Ratio	Lower Upper
225	100	
223	62.9	50.2 75.2
227	63.7	51.0 76.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 38.068 ng

RT: 8.56 min Scan# 1101

Delta R.T. -0.00 min

Lab File: BF121554.D

Acq: 10 Sep 2020 16:49

Instrument :

BNA_F

ClientSampleId :

ICVBF091020

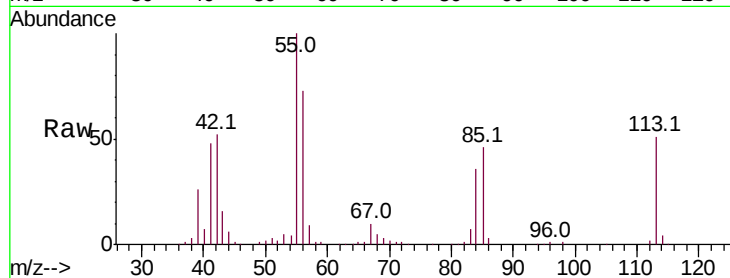
Tot Ion:113 Resp: 142125

Ion Ratio Lower Upper

113 100

55 196.3 176.2 216.2

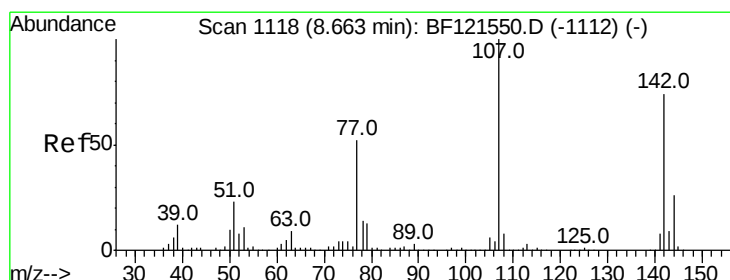
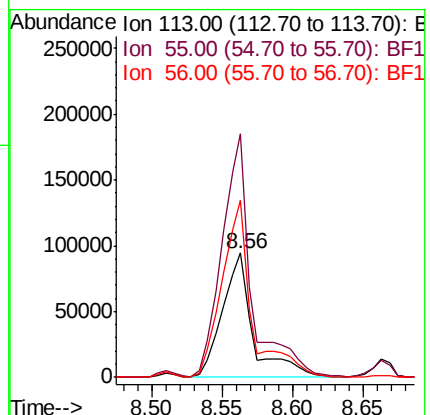
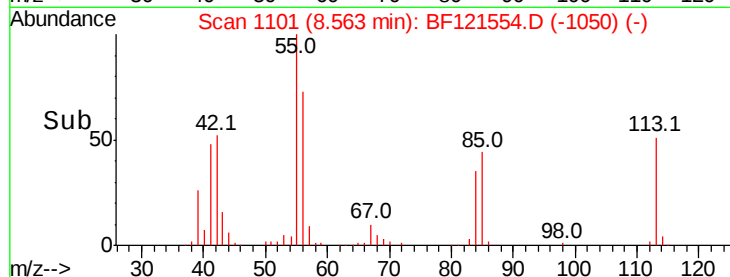
56 143.1 123.9 163.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 38.347 ng

RT: 8.66 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BF121554.D

Acq: 10 Sep 2020 16:49

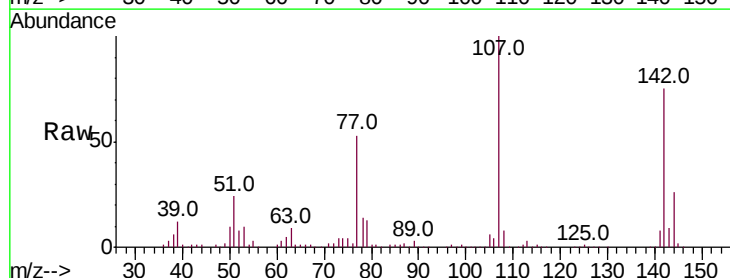
Tgt Ion:107 Resp: 463126

Ion Ratio Lower Upper

107 100

144 25.8 20.5 30.7

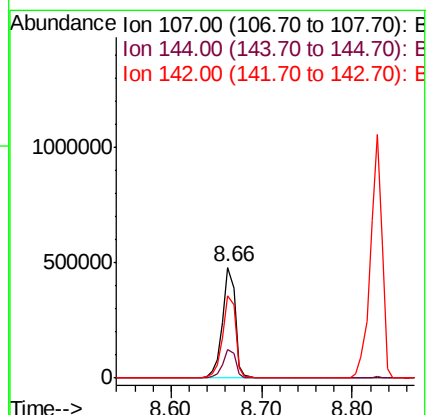
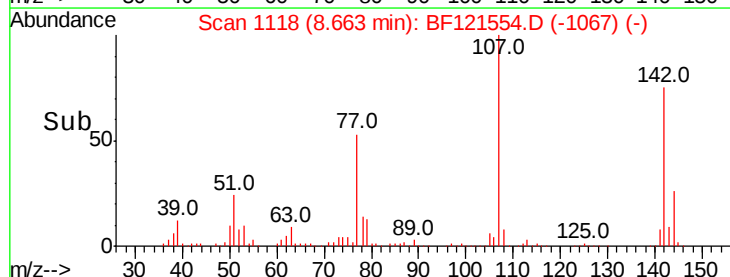
142 74.9 59.5 89.3

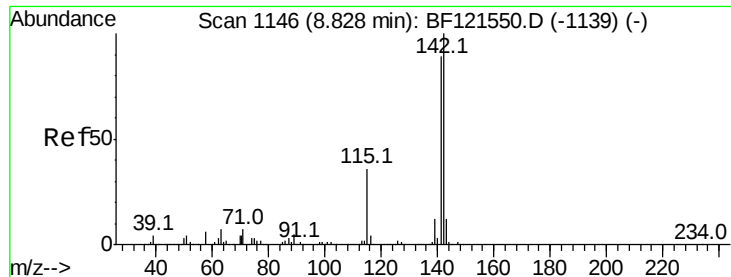


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

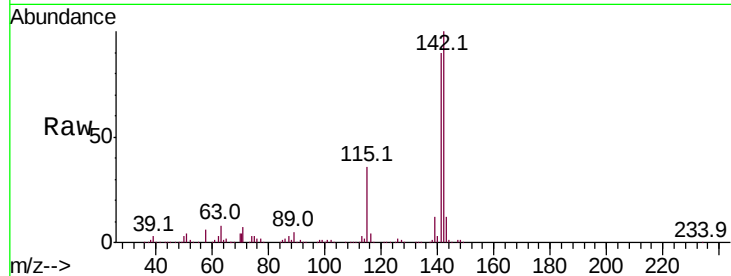




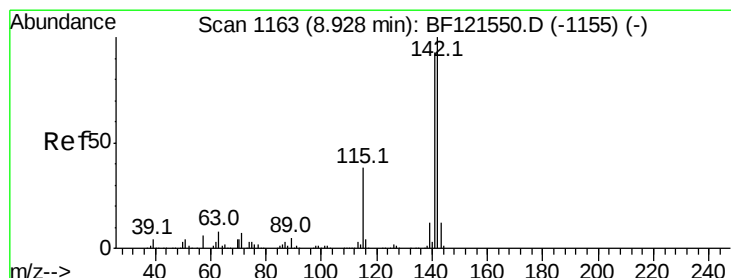
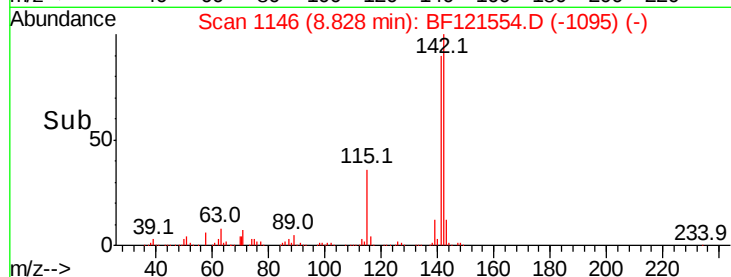
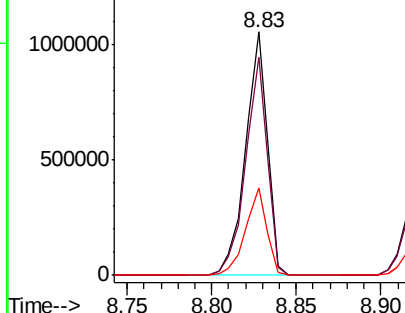
#37
 2-Methylnaphthalene
 Concen: 37.658 ng
 RT: 8.83 min Scan# 1146
 Delta R.T. -0.00 min
 Lab File: BF121554.D
 Acq: 10 Sep 2020 16:49

Instrument :
 BNA_F
 ClientSampled :
 ICVBF091020

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.5	107.3
115	35.7	28.7	43.1

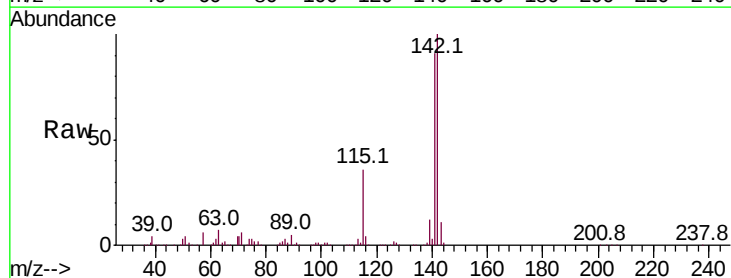


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

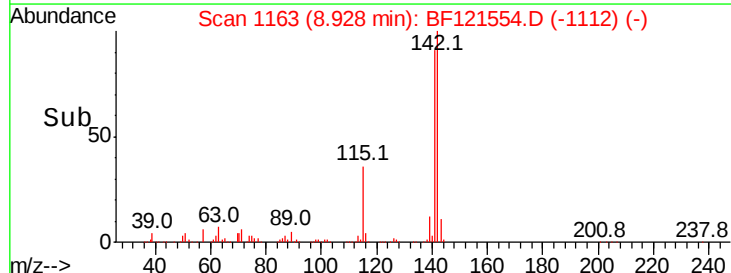
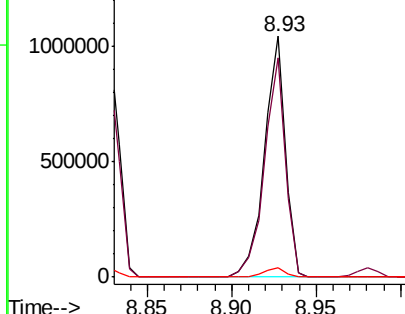


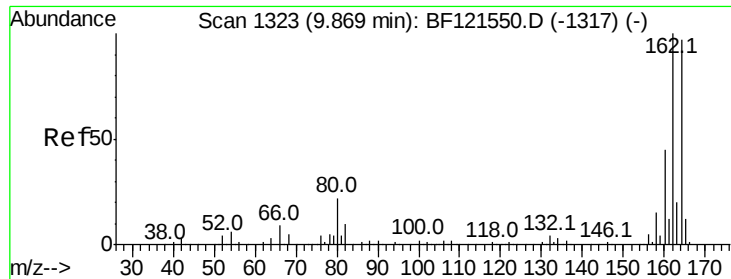
#38
 1-Methylnaphthalene
 Concen: 37.668 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BF121554.D
 Acq: 10 Sep 2020 16:49

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	74.8	112.2
116	3.8	3.0	4.6



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BF121554.D

Acq: 10 Sep 2020 16:49

Instrument :

BNA_F

ClientSampleId :

ICVBF091020

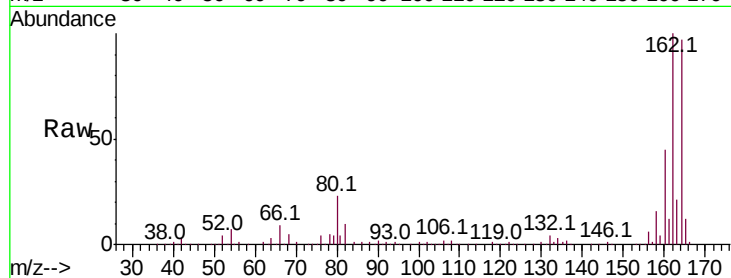
Tot Ion:164 Resp: 372750

Ion Ratio Lower Upper

164 100

162 102.8 82.3 123.5

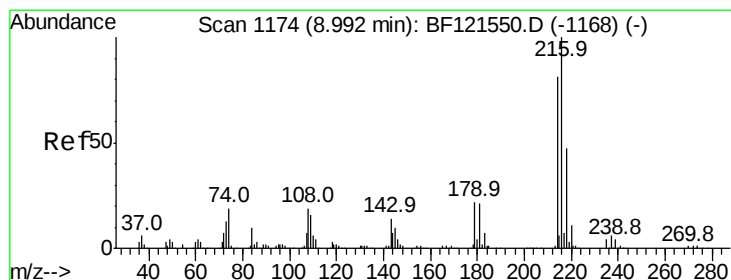
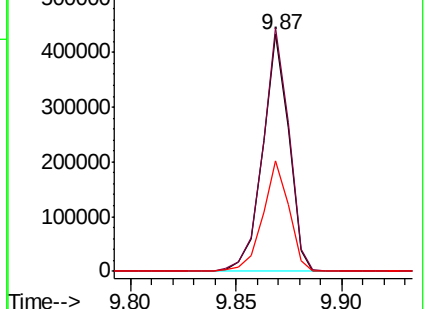
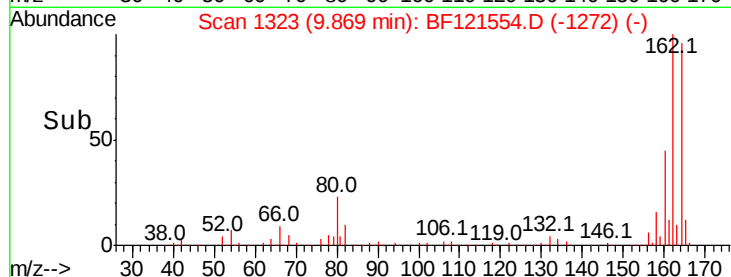
160 46.4 37.0 55.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.872 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.00 min

Lab File: BF121554.D

Acq: 10 Sep 2020 16:49

Tgt Ion:216 Resp: 440968

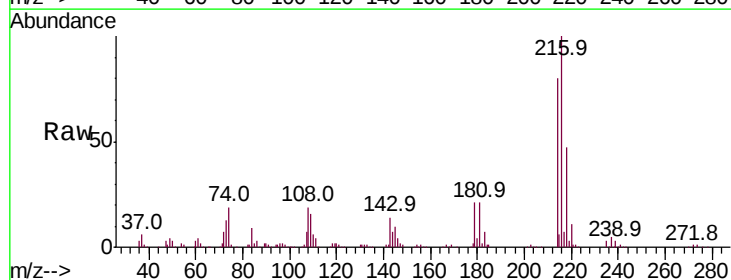
Ion Ratio Lower Upper

216 100

214 79.6 63.8 95.8

179 21.0 16.6 25.0

108 20.0 15.8 23.6

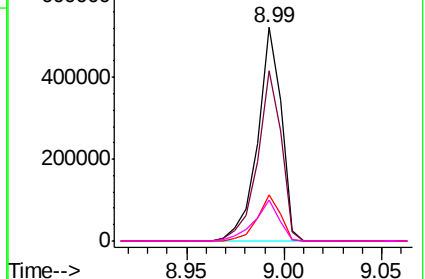
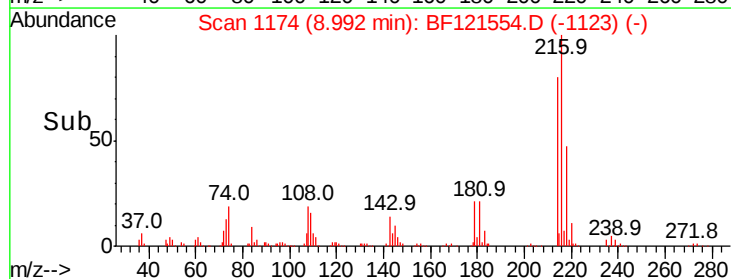


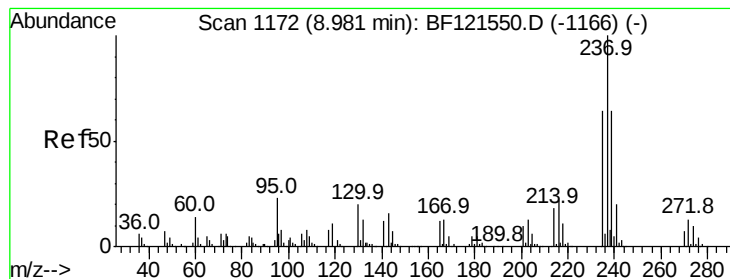
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 40.693 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.00 min

Lab File: BF121554.D

Acq: 10 Sep 2020 16:49

Instrument :

BNA_F

ClientSampleId :

ICVBF091020

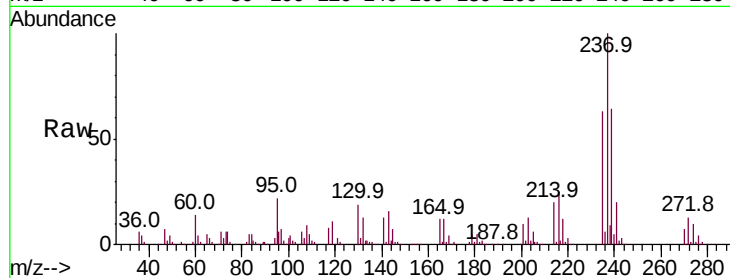
Tot Ion:237 Resp: 270580

Ion Ratio Lower Upper

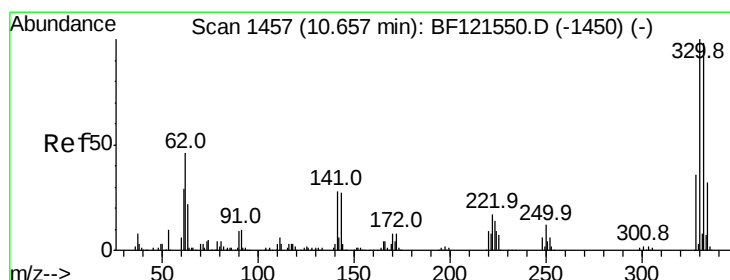
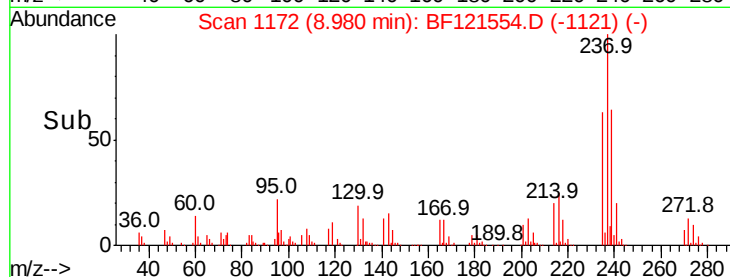
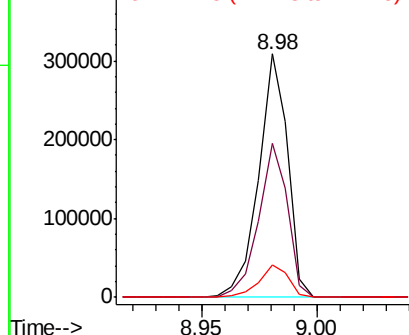
237 100

235 63.2 44.0 84.0

272 13.3 0.0 33.4



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 78.286 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.00 min

Lab File: BF121554.D

Acq: 10 Sep 2020 16:49

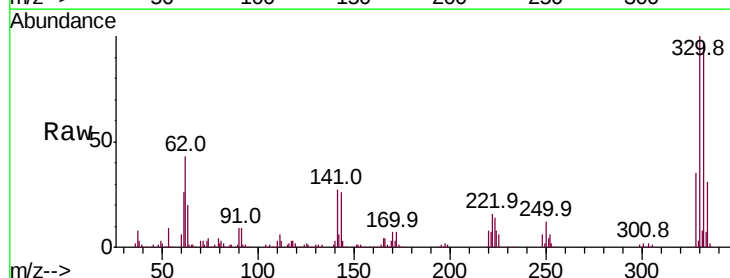
Tgt Ion:330 Resp: 362680

Ion Ratio Lower Upper

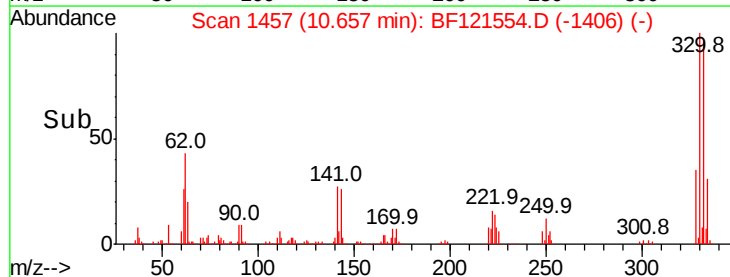
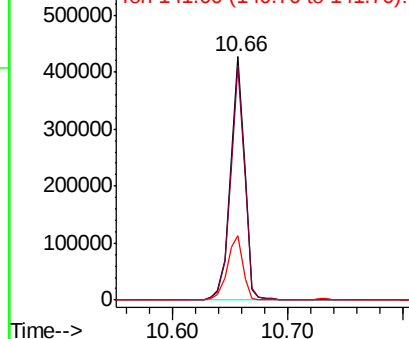
330 100

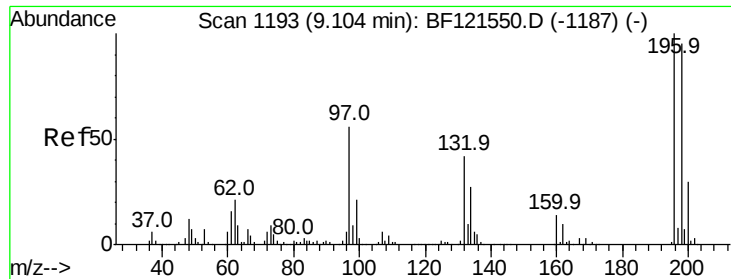
332 95.8 77.1 115.7

141 29.4 23.6 35.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

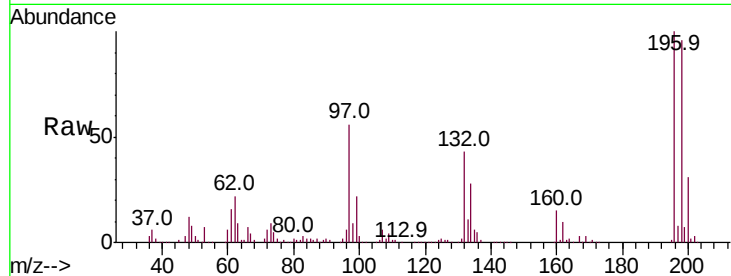




#43
 2,4,6-Trichlorophenol
 Concen: 39.605 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: BF121554.D
 Acq: 10 Sep 2020 16:49

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF091020

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.9	75.6	113.4
200	30.6	24.0	36.0

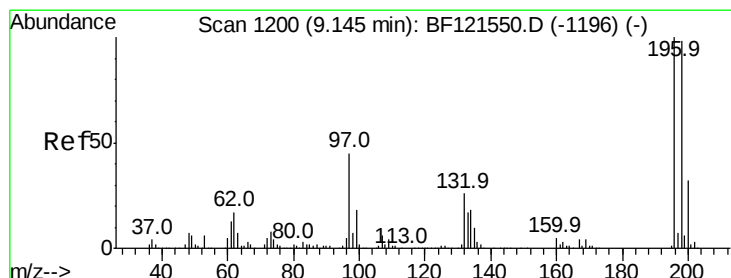
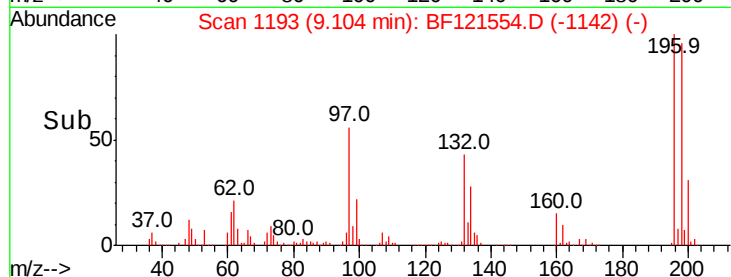
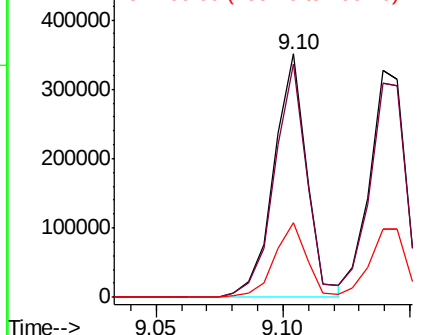


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 38.732 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF121554.D
 Acq: 10 Sep 2020 16:49

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.2	78.1	117.1
97	54.7	36.8	55.2
132	29.5	20.9	31.3

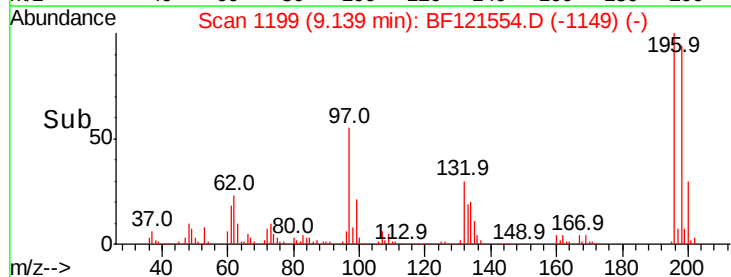
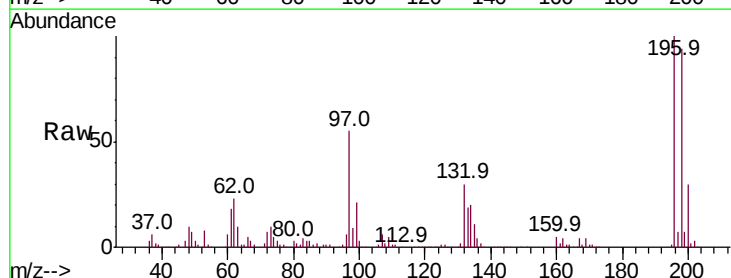
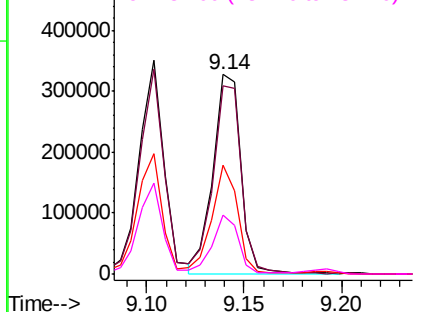
Abundance

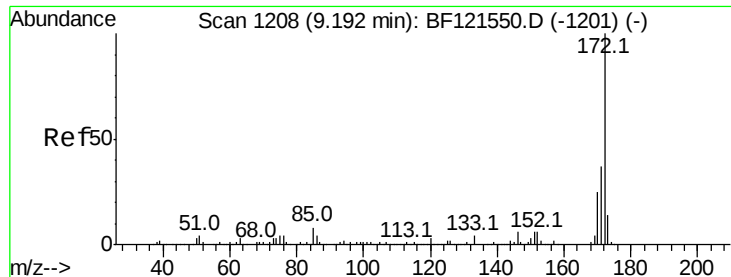
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





#45

2-Fluorobiphenyl

Concen: 74.019 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.00 min

Lab File: BF121554.D

Acq: 10 Sep 2020 16:49

Instrument :

BNA_F

ClientSampleId :

ICVBF091020

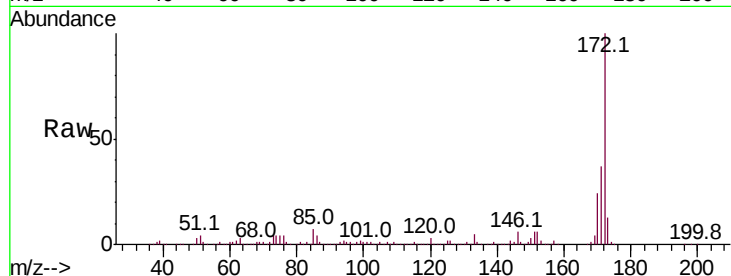
Tot Ion:172 Resp: 1821725

Ion Ratio Lower Upper

172 100

171 36.9 29.8 44.6

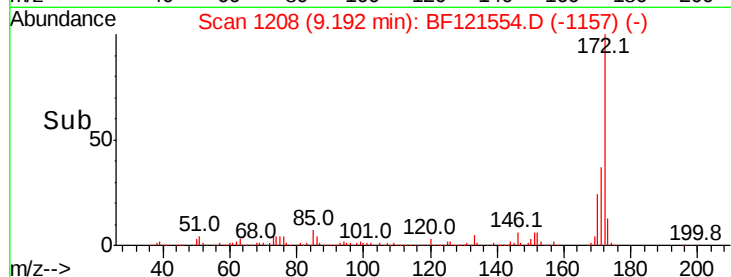
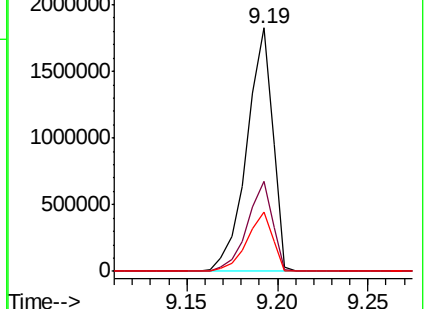
170 24.4 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 37.761 ng

RT: 9.29 min Scan# 1225

Delta R.T. -0.00 min

Lab File: BF121554.D

Acq: 10 Sep 2020 16:49

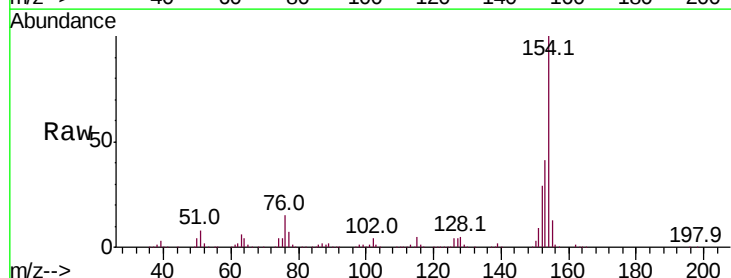
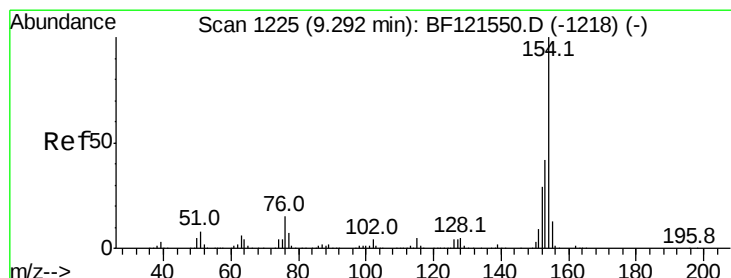
Tgt Ion:154 Resp: 1126839

Ion Ratio Lower Upper

154 100

153 41.2 21.7 61.7

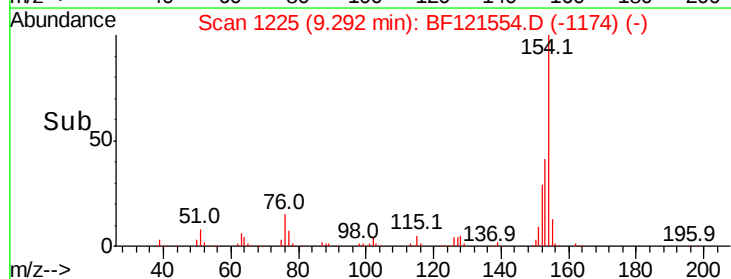
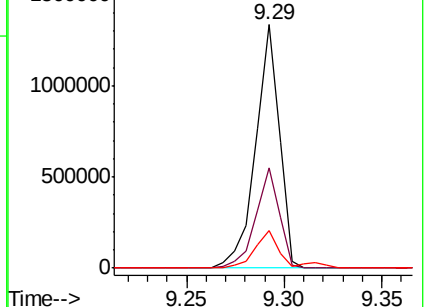
76 15.2 0.0 35.5

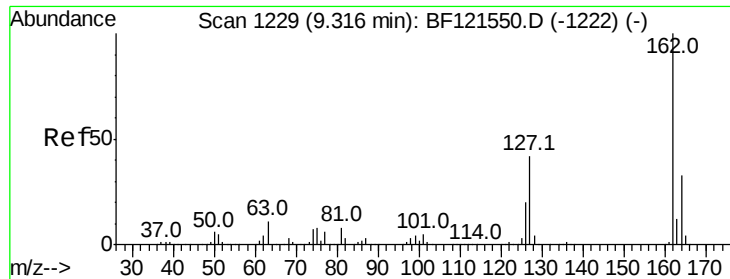


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

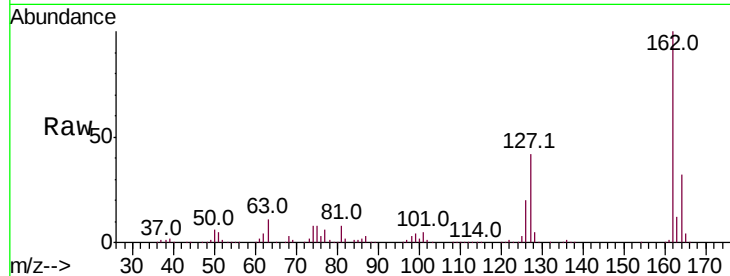




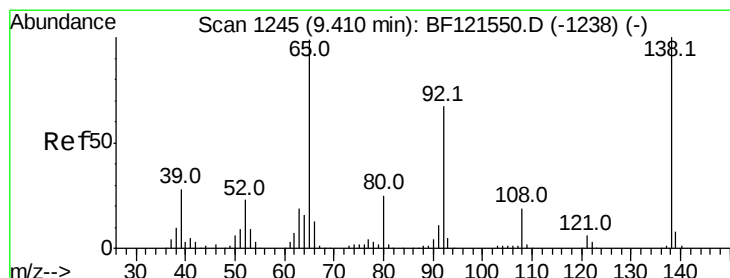
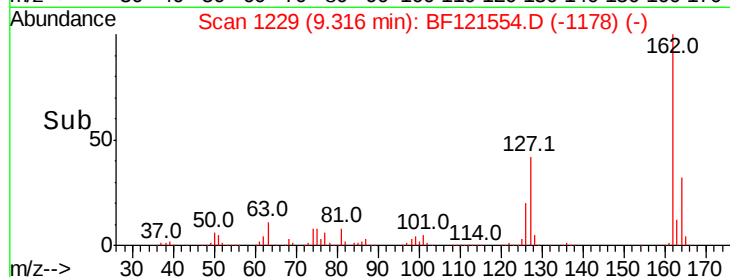
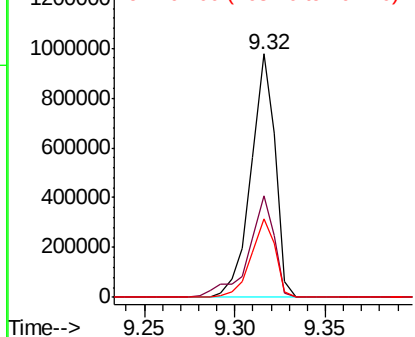
#47
 2-Chloronaphthalene
 Concen: 38.315 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: BF121554.D
 Acq: 10 Sep 2020 16:49

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF091020

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.8	33.9	50.9
164	32.5	26.7	40.1

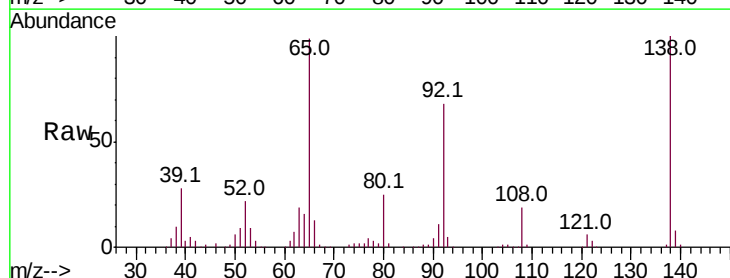


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

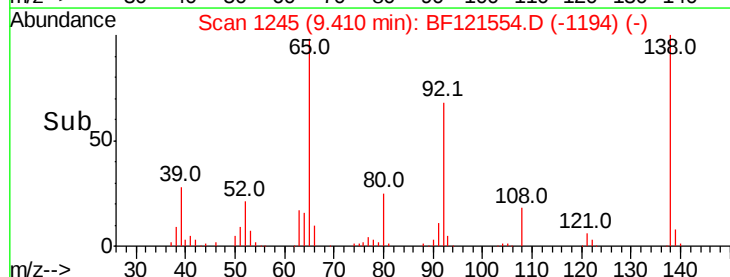
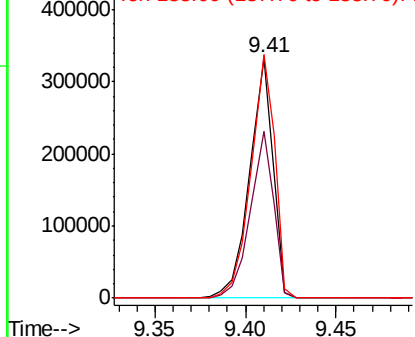


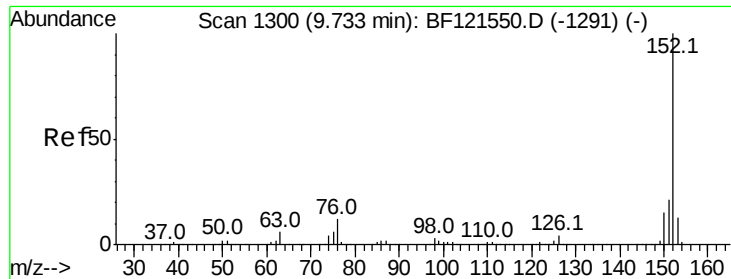
#48
 2-Nitroaniline
 Concen: 40.871 ng
 RT: 9.41 min Scan# 1245
 Delta R.T. -0.00 min
 Lab File: BF121554.D
 Acq: 10 Sep 2020 16:49

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.4	54.2	81.4
138	101.3	80.8	121.2



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 38.310 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BF121554.D

Acq: 10 Sep 2020 16:49

Instrument :

BNA_F

ClientSampleId :

ICVBF091020

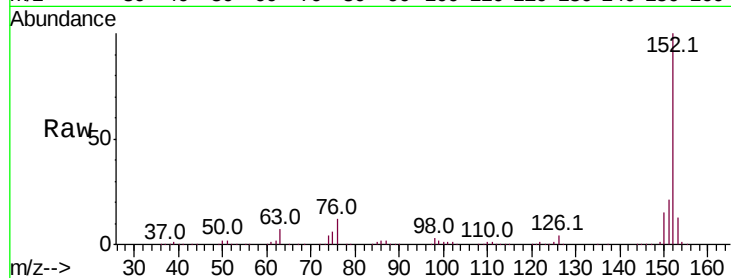
Tot Ion:152 Resp: 1384189

Ion Ratio Lower Upper

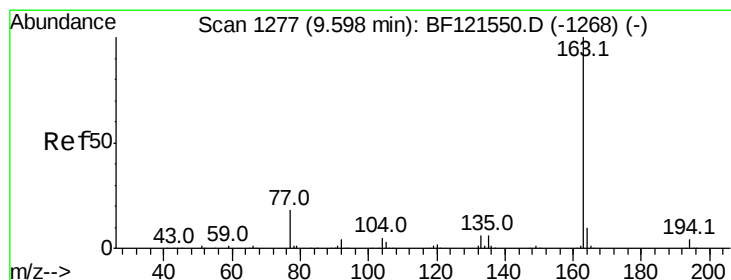
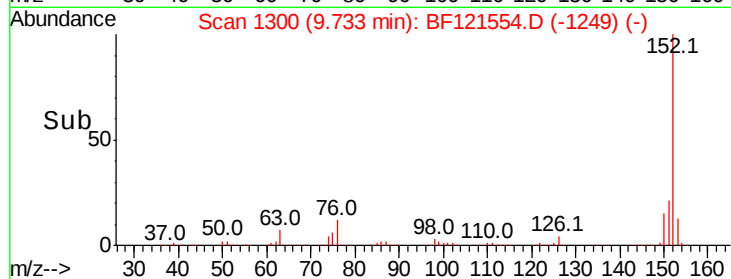
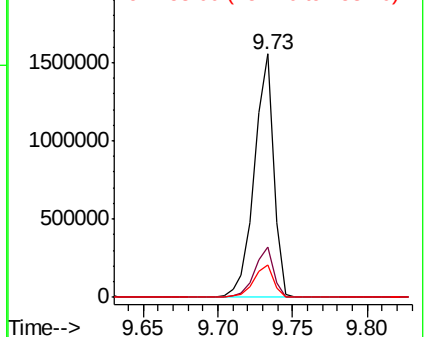
152 100

151 20.8 16.6 24.8

153 13.4 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.002 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.00 min

Lab File: BF121554.D

Acq: 10 Sep 2020 16:49

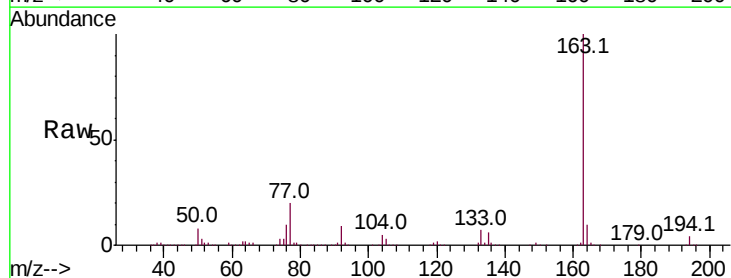
Tgt Ion:163 Resp: 1026673

Ion Ratio Lower Upper

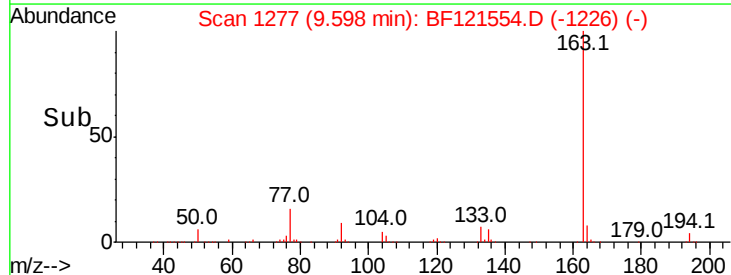
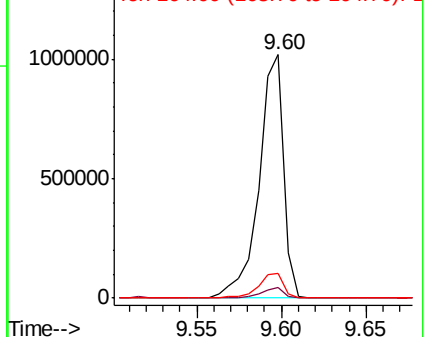
163 100

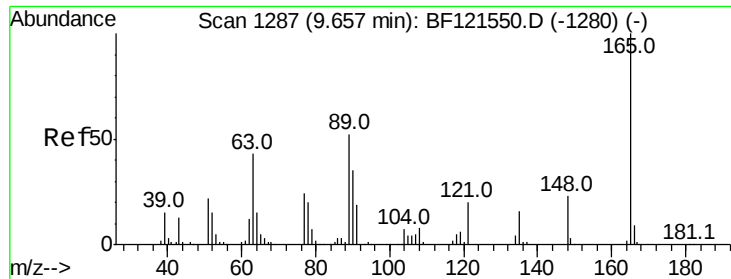
194 4.3 3.4 5.0

164 10.0 7.9 11.9



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

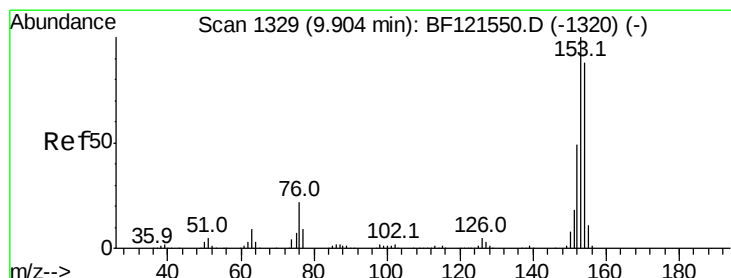
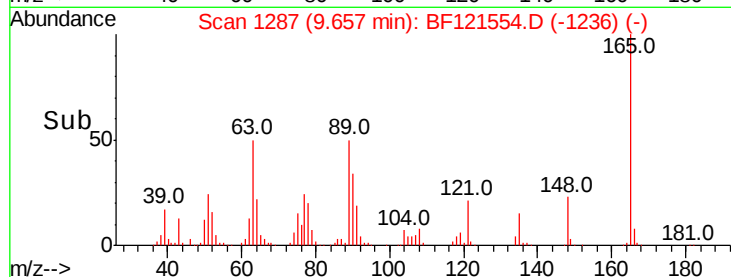
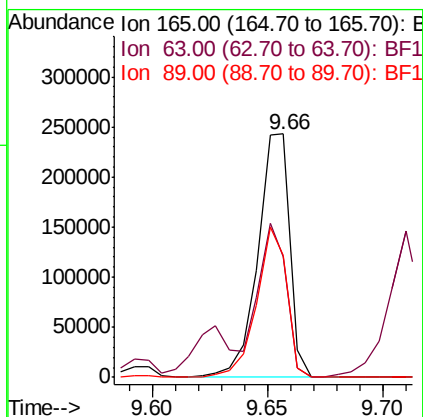
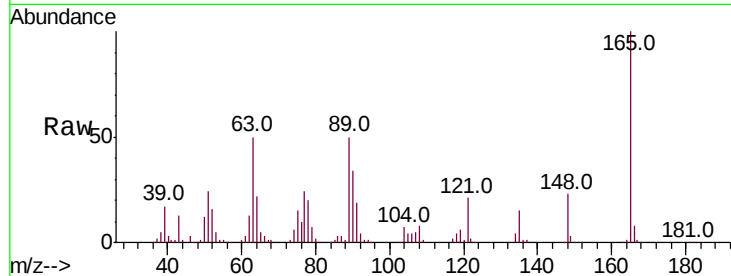




#51
 2,6-Dinitrotoluene
 Concen: 40.940 ng
 RT: 9.66 min Scan# 1287
 Delta R.T. -0.00 min
 Lab File: BF121554.D
 Acq: 10 Sep 2020 16:49

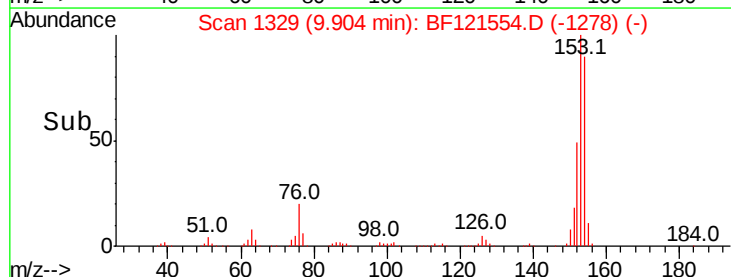
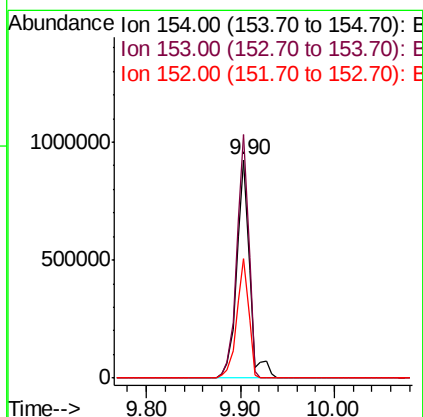
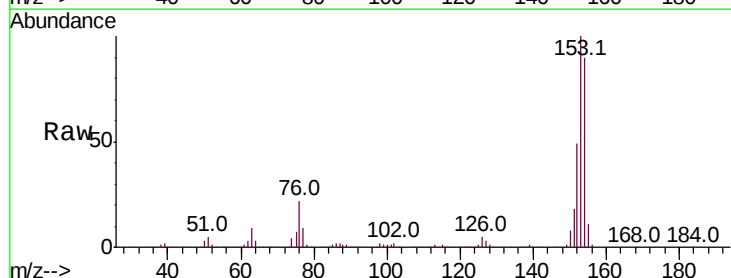
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF091020

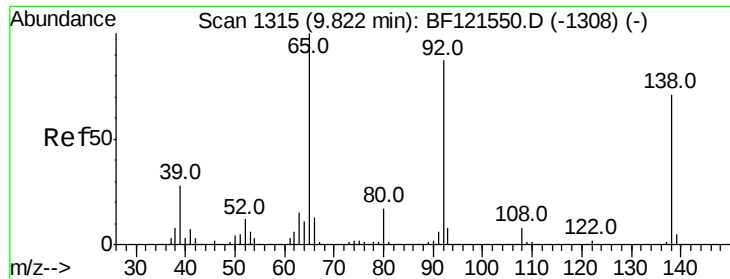
Tot Ion	Ratio	Lower	Upper
165	100		
63	49.6	40.6	61.0
89	50.2	41.8	62.8



#52
 Acenaphthene
 Concen: 38.527 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.00 min
 Lab File: BF121554.D
 Acq: 10 Sep 2020 16:49

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.5	91.0	136.4
152	54.6	44.2	66.2

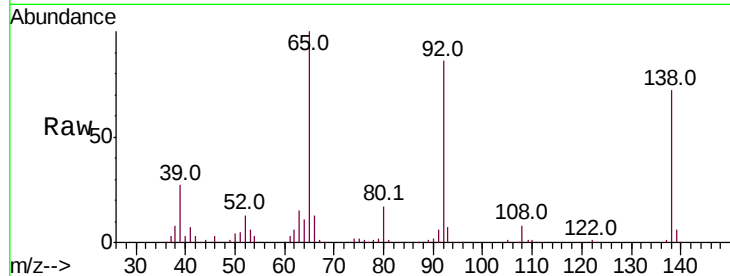




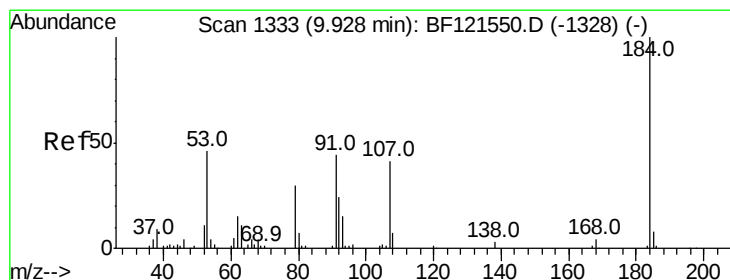
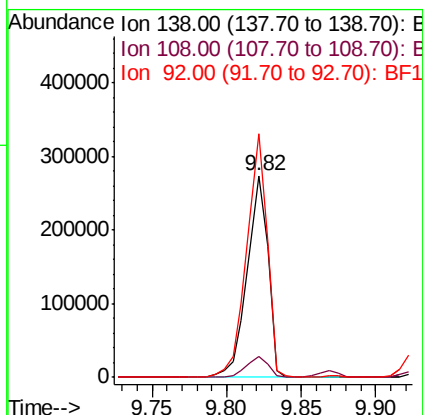
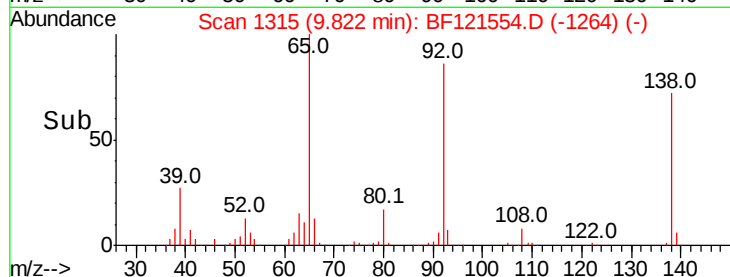
#53
3-Nitroaniline
Concen: 39.706 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BF121554.D
Acq: 10 Sep 2020 16:49

Instrument :
BNA_F
ClientSampleId :
ICVBF091020

Tot Ion:138 Resp: 264649
Ion Ratio Lower Upper
138 100
108 10.6 9.0 13.6
92 120.7 97.4 146.0

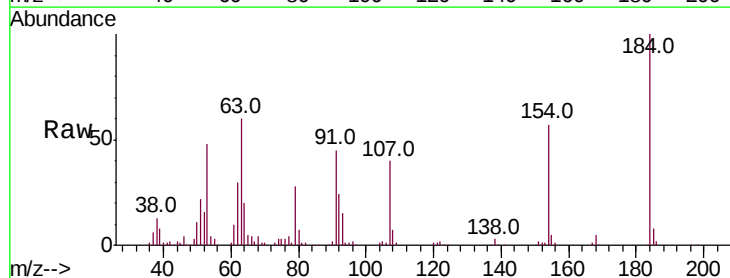


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

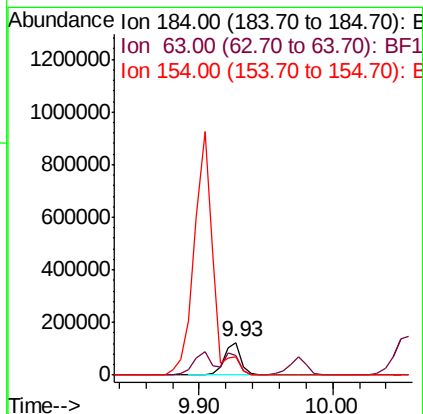
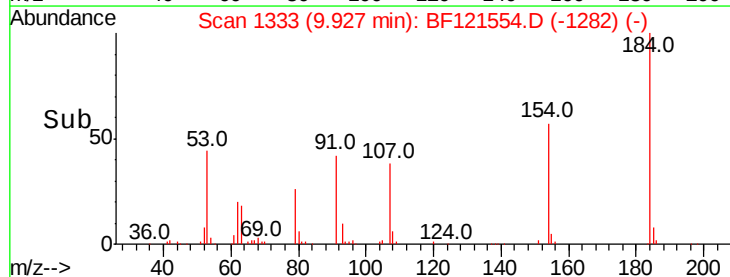


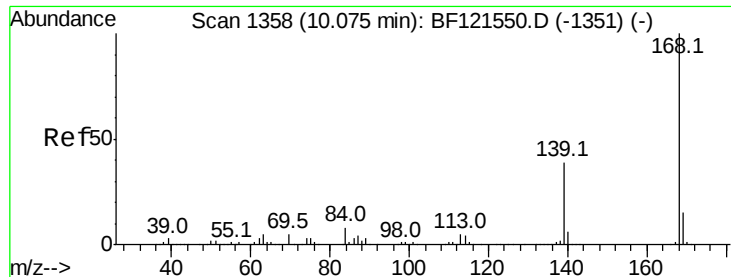
#54
2,4-Dinitrophenol
Concen: 38.484 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF121554.D
Acq: 10 Sep 2020 16:49

Tgt Ion:184 Resp: 110139
Ion Ratio Lower Upper
184 100
63 59.6 47.7 71.5
154 56.8 47.2 70.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 37.670 ng

RT: 10.07 min Scan# 1358

Delta R.T. -0.00 min

Lab File: BF121554.D

Acq: 10 Sep 2020 16:49

Instrument :

BNA_F

ClientSampleId :

ICVBF091020

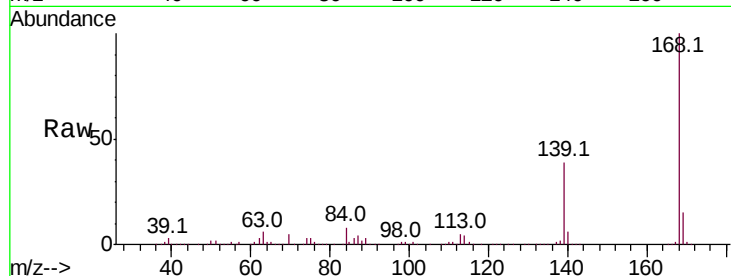
Tot Ion:168 Resp: 1210624

Ion Ratio Lower Upper

168 100

139 39.2 31.4 47.0

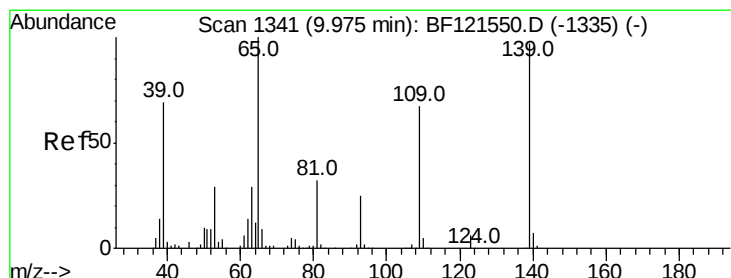
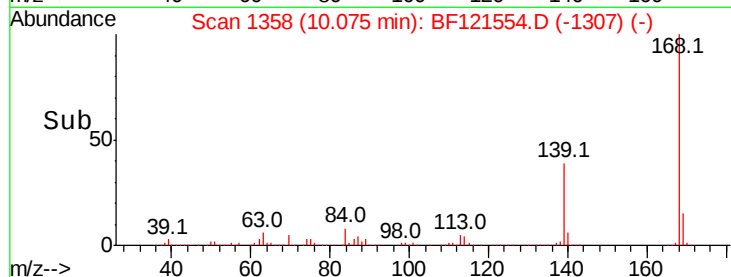
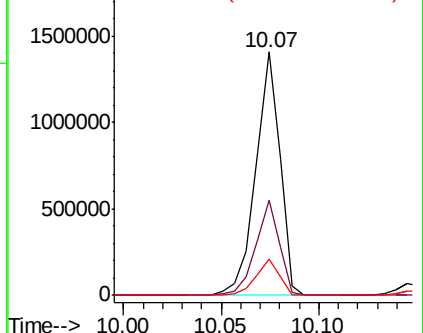
169 14.6 11.9 17.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 41.437 ng

RT: 9.97 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BF121554.D

Acq: 10 Sep 2020 16:49

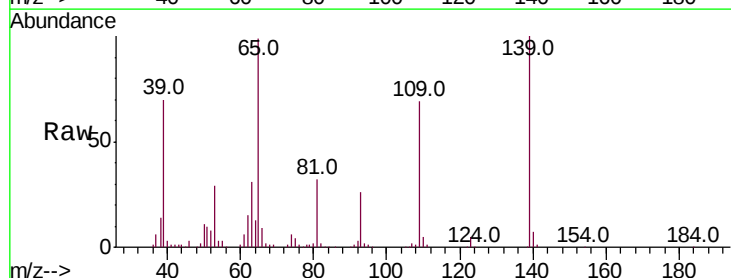
Tgt Ion:139 Resp: 220257

Ion Ratio Lower Upper

139 100

109 68.8 48.8 88.8

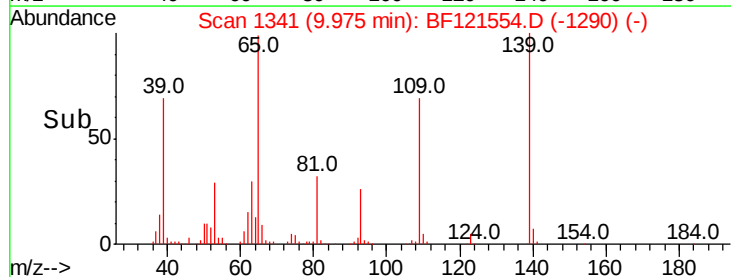
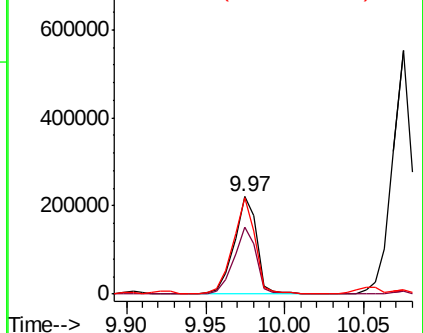
65 99.3 83.6 123.6

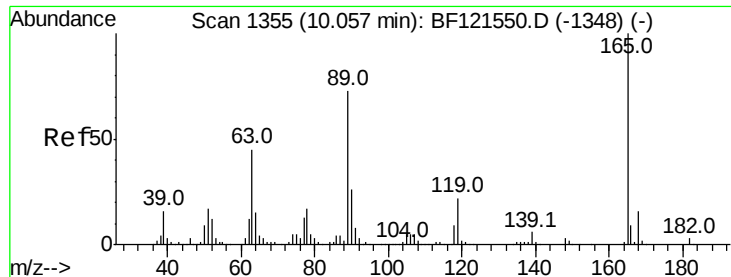


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

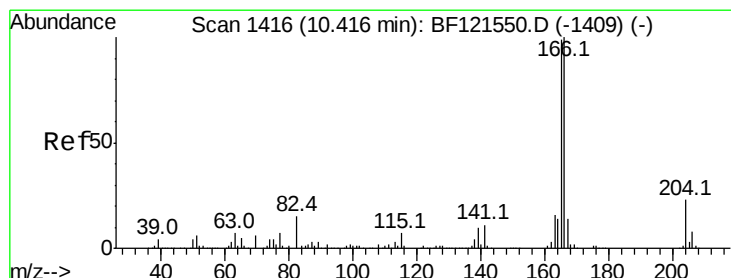
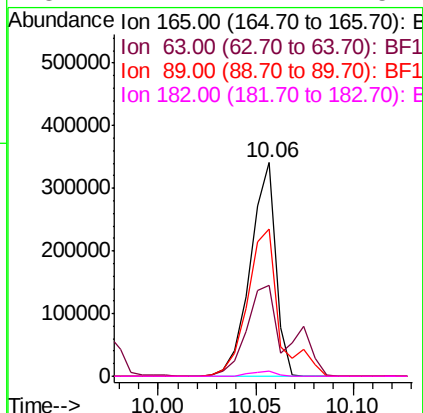
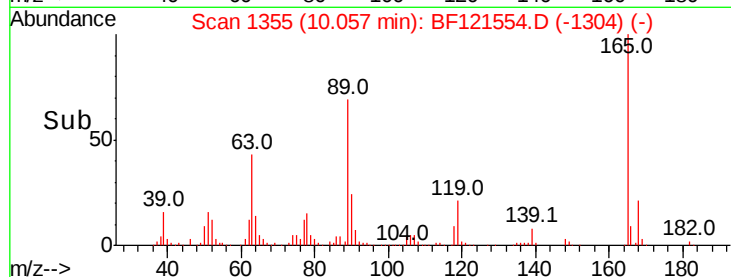
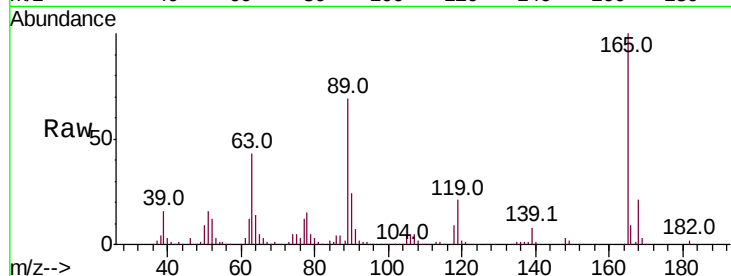




#57
2,4-Dinitrotoluene
Concen: 42.764 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BF121554.D
Acq: 10 Sep 2020 16:49

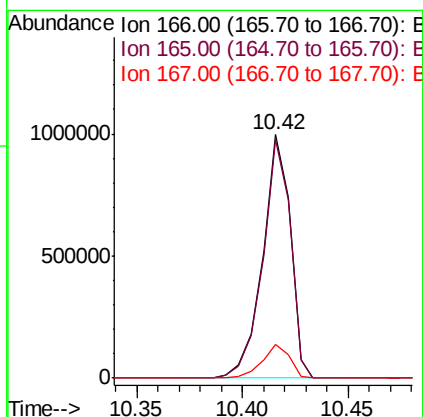
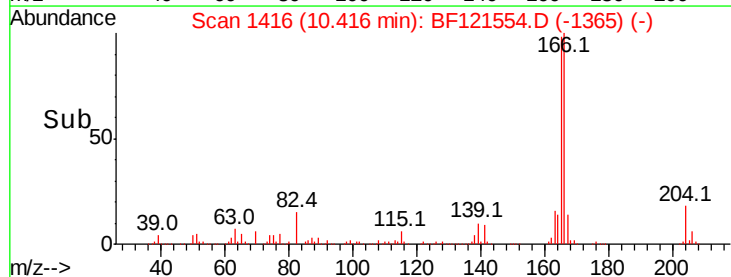
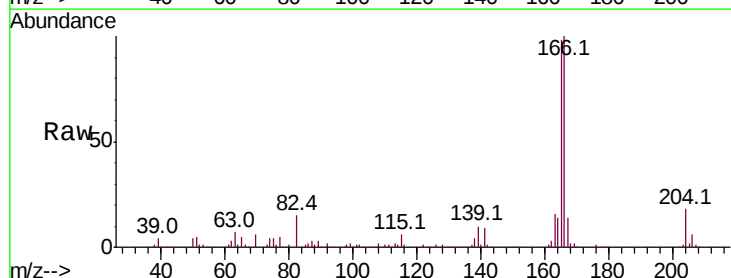
Instrument :
BNA_F
ClientSampleId :
ICVBF091020

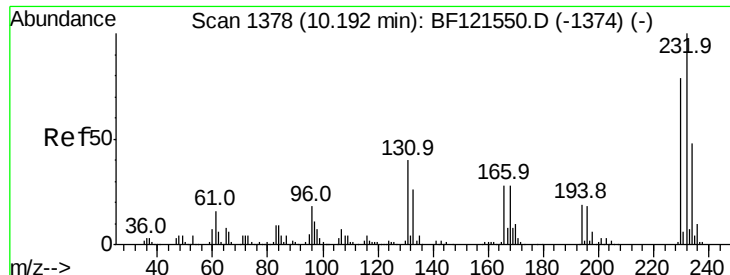
Tot Ion	Ratio	Lower	Upper
165	100		
63	42.8	36.2	54.4
89	69.0	58.2	87.4
182	2.4	2.2	3.2



#58
Fluorene
Concen: 37.074 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BF121554.D
Acq: 10 Sep 2020 16:49

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.2	79.0	118.4
167	13.8	11.0	16.6

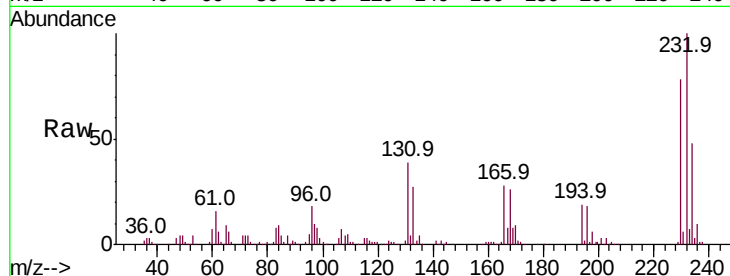




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.718 ng
 RT: 10.19 min Scan# 1378
 Delta R.T. -0.00 min
 Lab File: BF121554.D
 Acq: 10 Sep 2020 16:49

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF091020

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.5	36.3	54.5
130	2.0	1.9	2.9
166	29.1	23.9	35.9



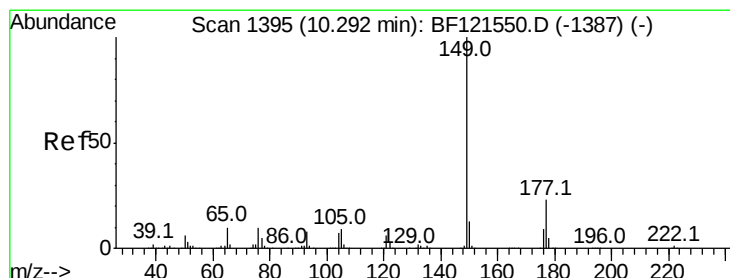
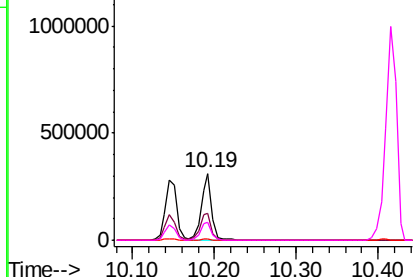
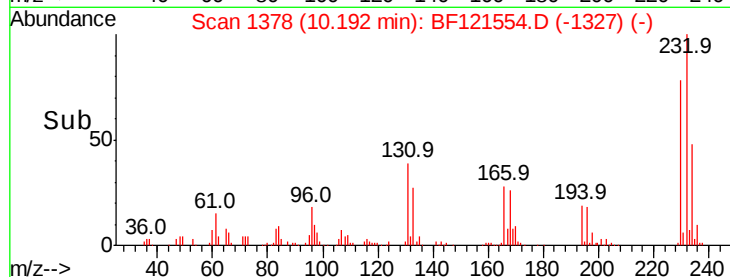
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

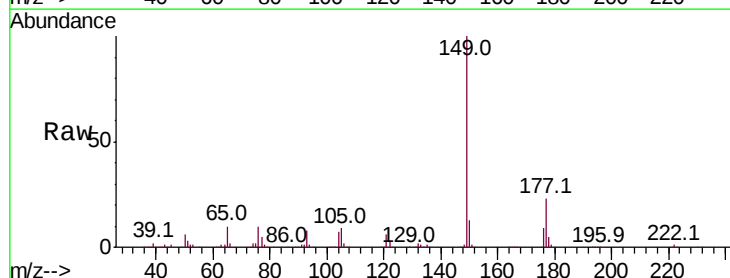
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 37.933 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. -0.00 min
 Lab File: BF121554.D
 Acq: 10 Sep 2020 16:49

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.2	27.2
150	12.7	10.2	15.2

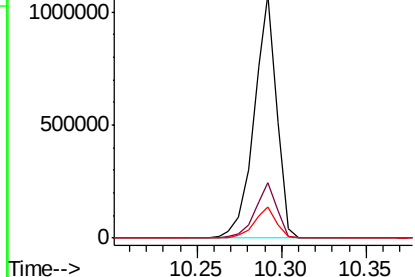
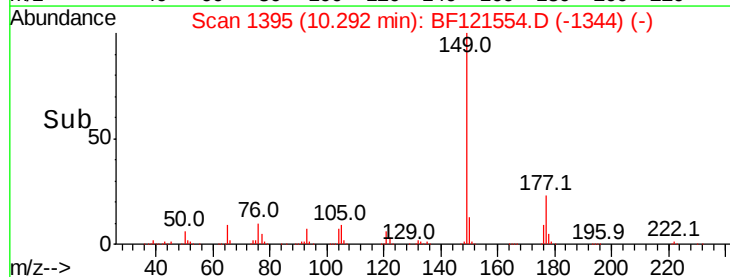


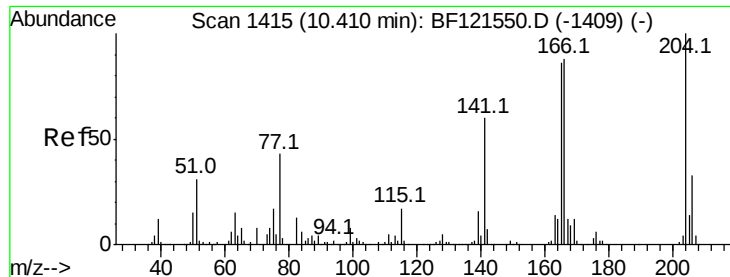
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

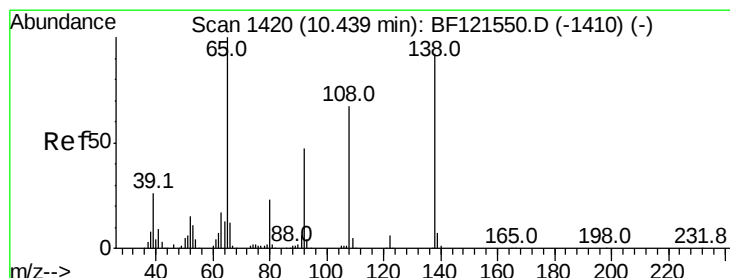
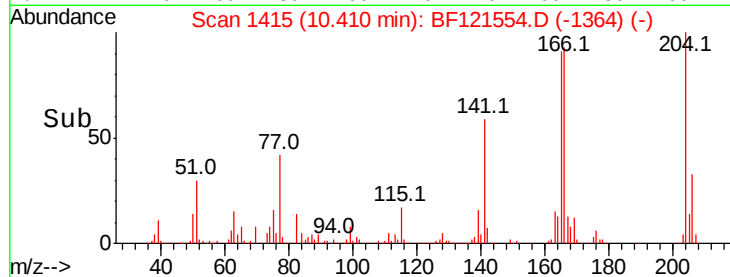
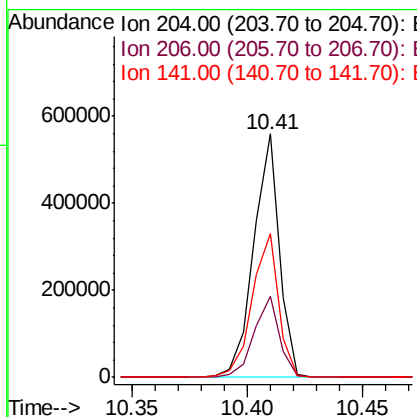
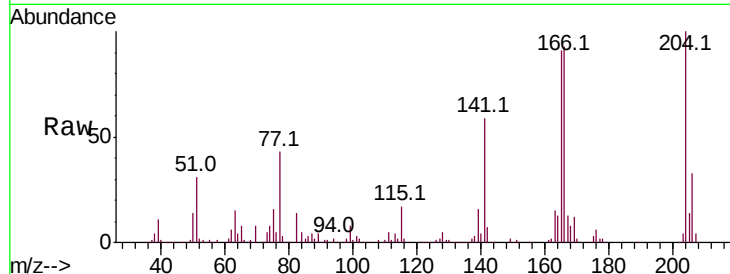




#61
 4-Chlorophenyl-phenylether
 Concen: 37.011 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: BF121554.D
 Acq: 10 Sep 2020 16:49

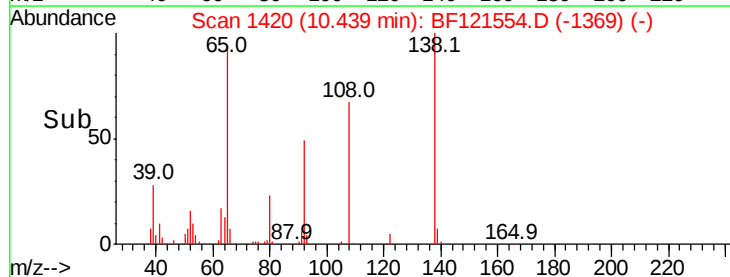
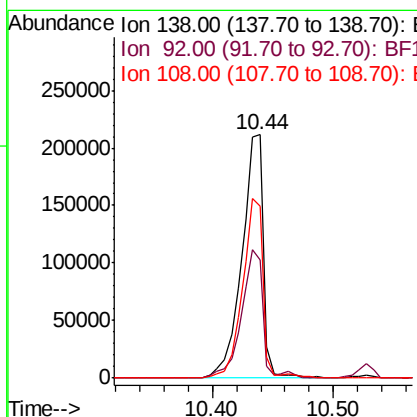
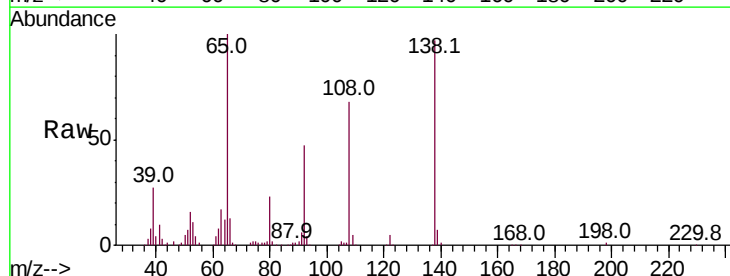
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF091020

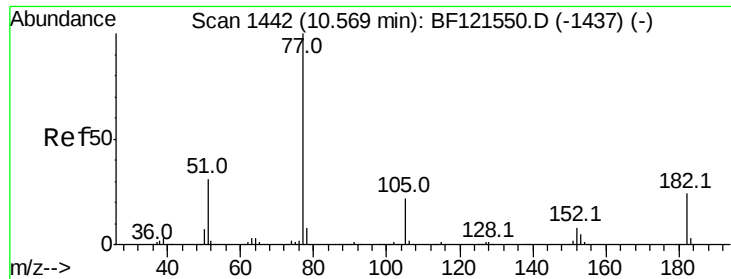
Tot Ion:	204	Resp:	435735
Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.4	39.6
141	59.2	48.3	72.5



#62
 4-Nitroaniline
 Concen: 39.872 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. -0.00 min
 Lab File: BF121554.D
 Acq: 10 Sep 2020 16:49

Tgt Ion:	138	Resp:	263868
Ion	Ratio	Lower	Upper
138	100		
92	48.6	31.4	71.4
108	70.4	52.4	92.4





#63

Azobenzene

Concen: 37.641 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BF121554.D

Acq: 10 Sep 2020 16:49

Instrument :

BNA_F

ClientSampleId :

ICVBF091020

Tot Ion: 77 Resp: 1055843

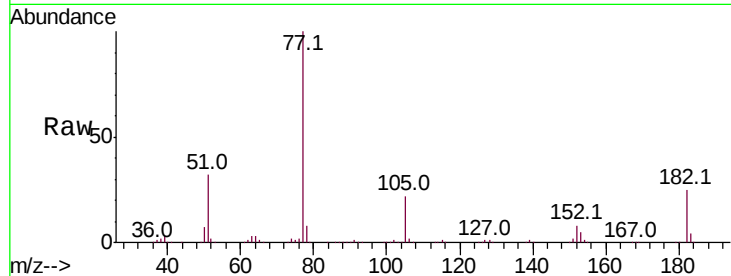
Ion Ratio Lower Upper

77 100

182 24.5 3.9 43.9

105 21.9 2.2 42.2

51 32.2 11.1 51.1

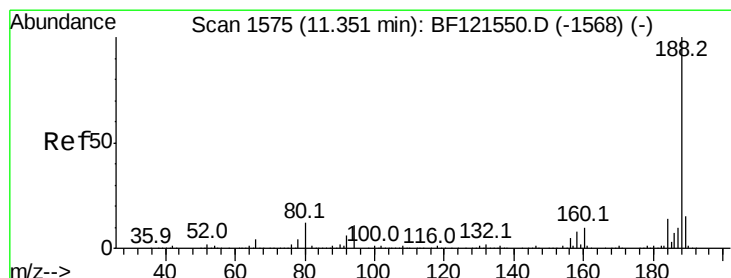
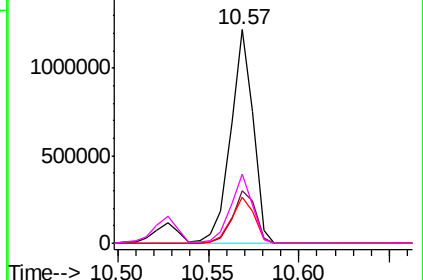
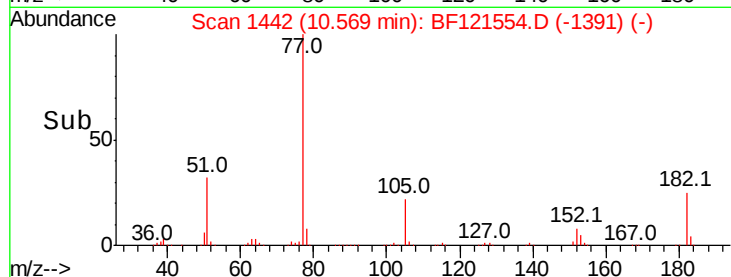


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.00 min

Lab File: BF121554.D

Acq: 10 Sep 2020 16:49

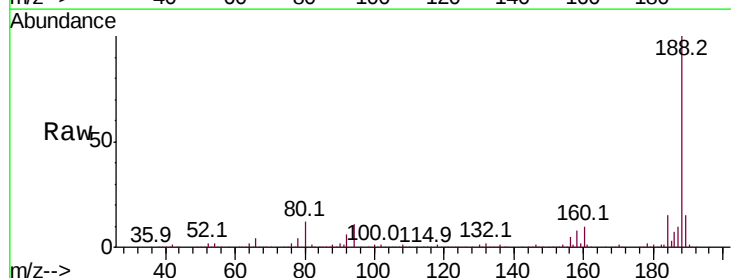
Tgt Ion: 188 Resp: 673396

Ion Ratio Lower Upper

188 100

94 11.2 8.7 13.1

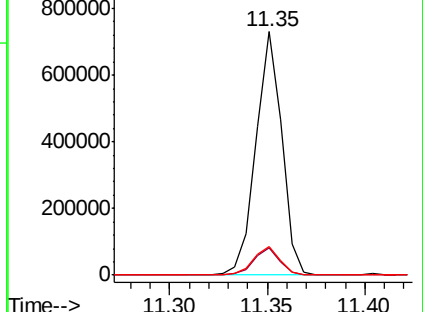
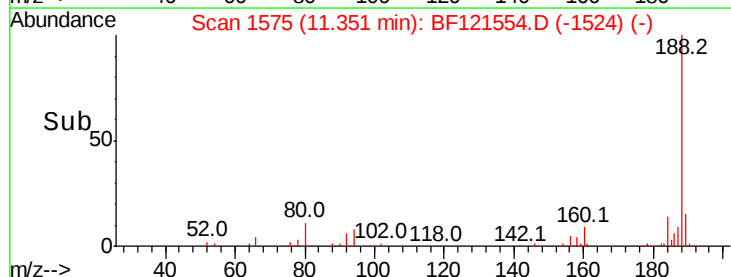
80 11.7 9.3 13.9

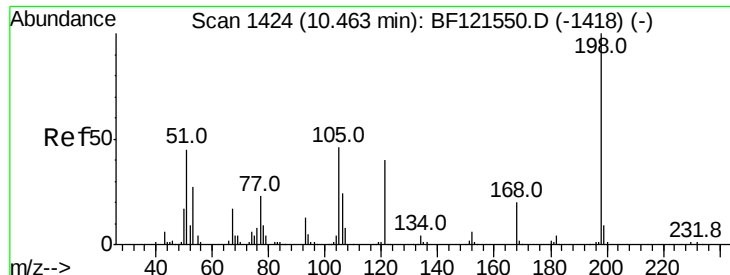


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

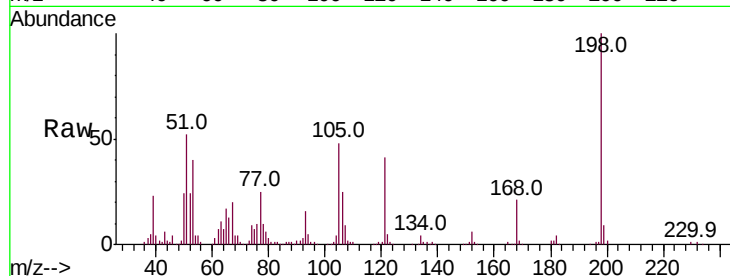




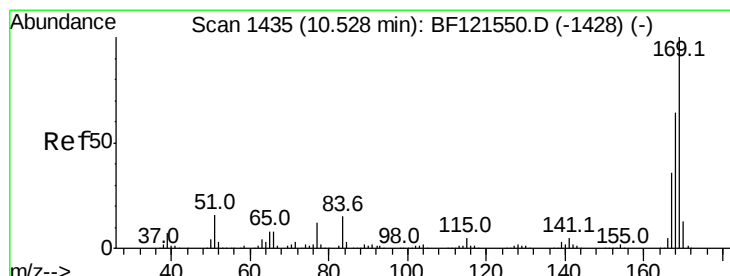
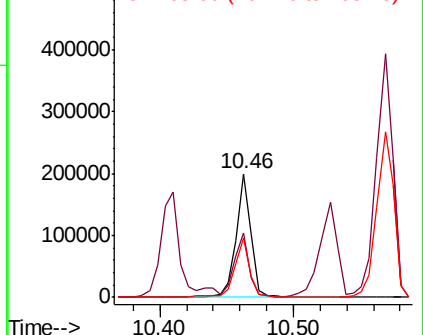
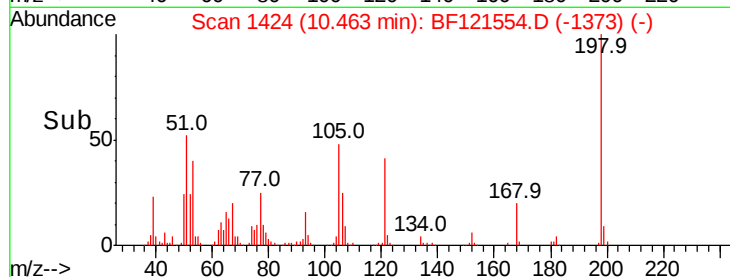
#65
4,6-Dinitro-2-methylphenol
Concen: 39.423 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF121554.D
Acq: 10 Sep 2020 16:49

Instrument :
BNA_F
ClientSampleId :
ICVBF091020

Tot Ion:198 Resp: 157004
Ion Ratio Lower Upper
198 100
51 52.1 31.1 71.1
105 47.9 26.6 66.6

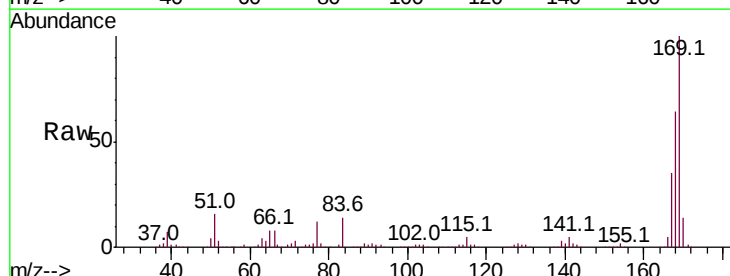


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

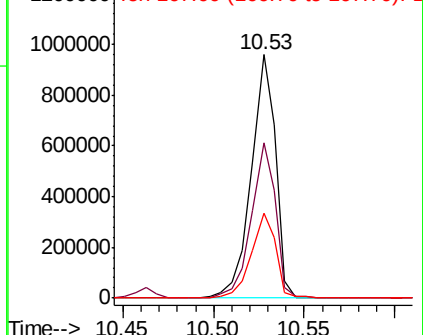
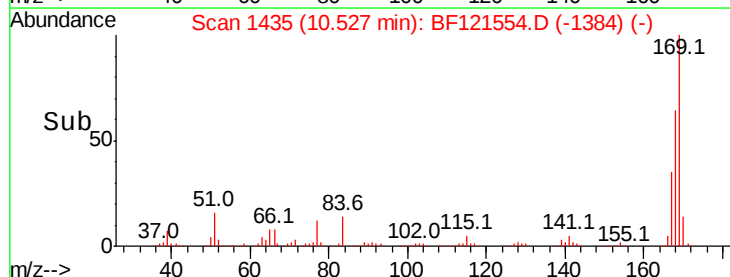


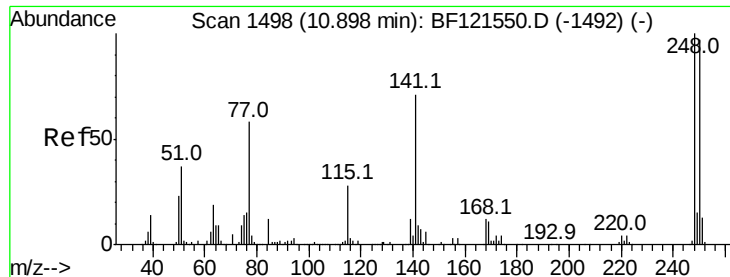
#66
n-Nitrosodiphenylamine
Concen: 38.668 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BF121554.D
Acq: 10 Sep 2020 16:49

Tgt Ion:169 Resp: 893340
Ion Ratio Lower Upper
169 100
168 63.6 51.2 76.8
167 35.1 28.9 43.3



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

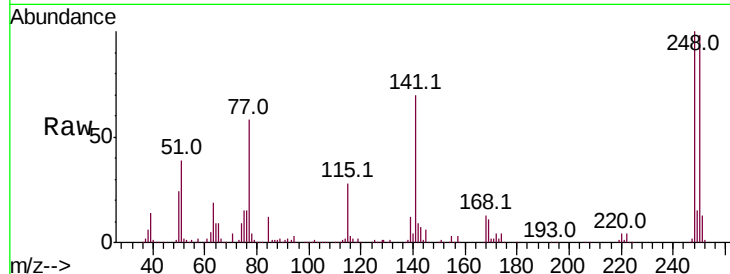




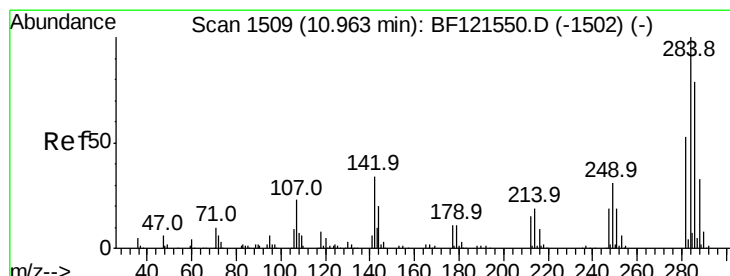
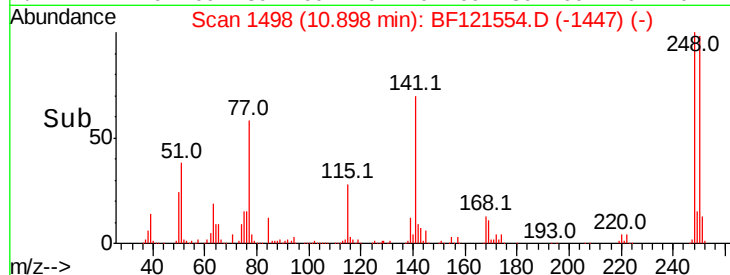
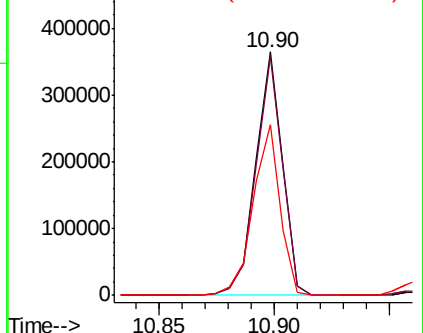
#67
 4-Bromophenyl-phenylether
 Concen: 38.515 ng
 RT: 10.90 min Scan# 1498
 Delta R.T. -0.00 min
 Lab File: BF121554.D
 Acq: 10 Sep 2020 16:49

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF091020

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.9	77.4	116.0
141	70.1	56.7	85.1

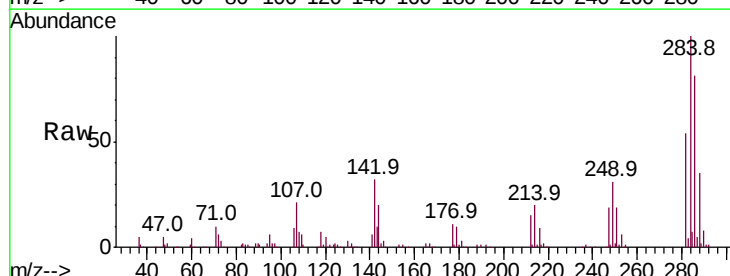


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

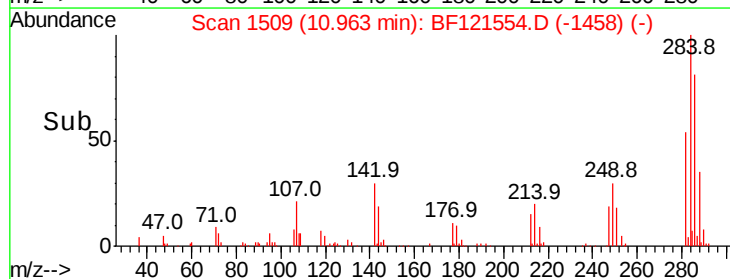
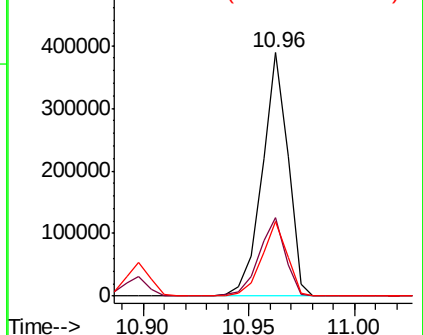


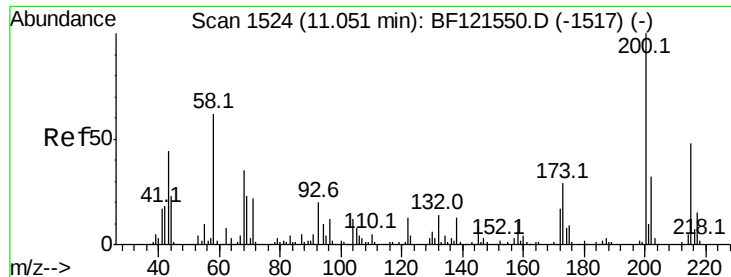
#68
 Hexachlorobenzene
 Concen: 38.057 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: BF121554.D
 Acq: 10 Sep 2020 16:49

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.0	27.0	40.4
249	30.8	24.7	37.1



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

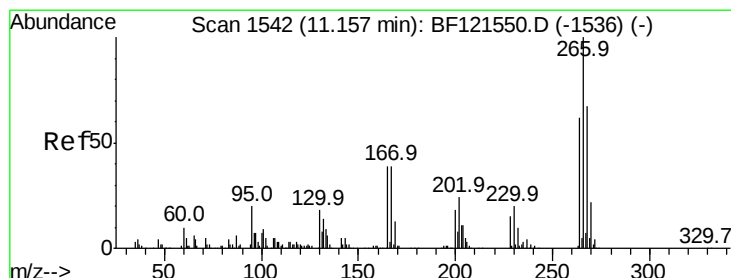
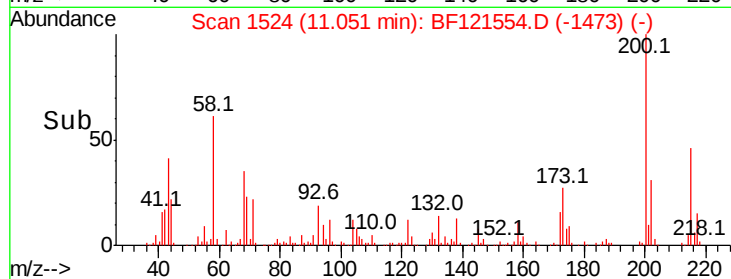
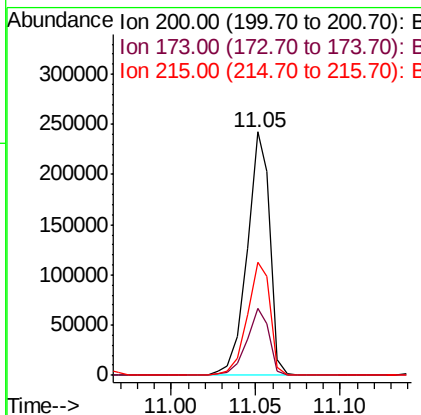
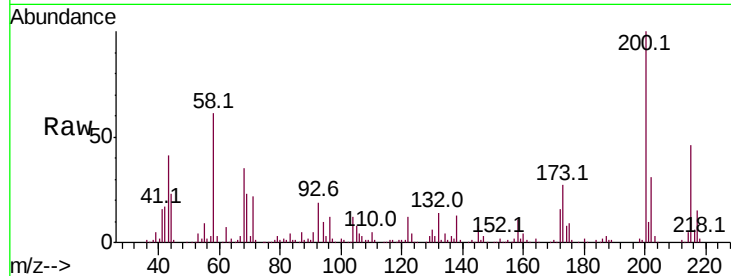




#69
Atrazine
Concen: 39.503 ng
RT: 11.05 min Scan# 1524
Delta R.T. -0.00 min
Lab File: BF121554.D
Acq: 10 Sep 2020 16:49

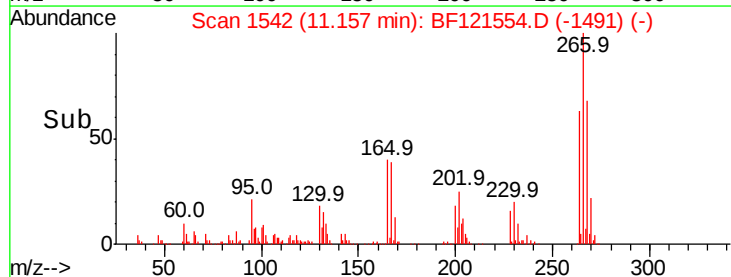
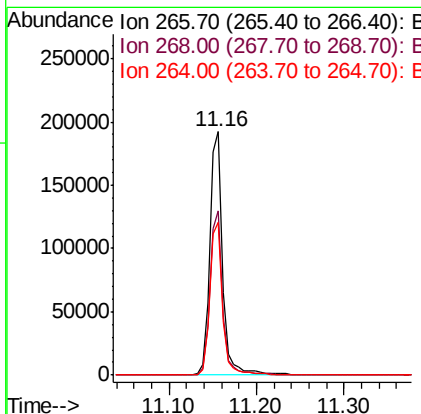
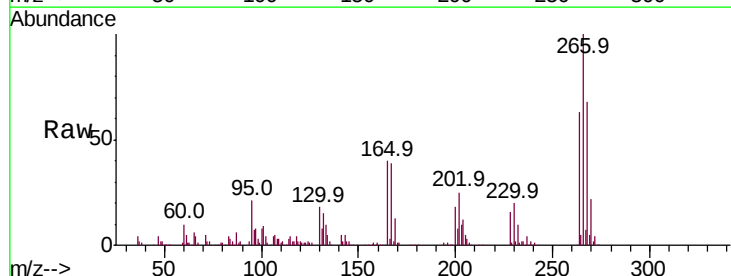
Instrument :
BNA_F
ClientSampleId :
ICVBF091020

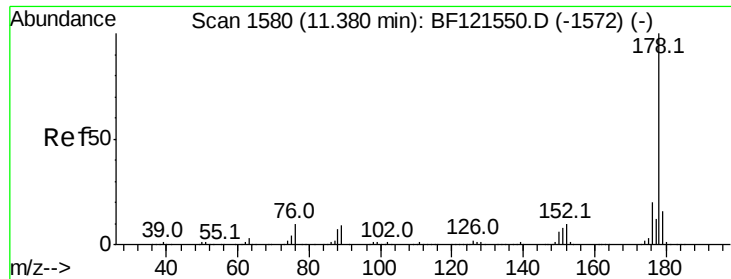
Tot Ion:200 Resp: 226737
Ion Ratio Lower Upper
200 100
173 27.3 8.5 48.5
215 46.3 27.8 67.8



#70
Pentachlorophenol
Concen: 41.241 ng
RT: 11.16 min Scan# 1542
Delta R.T. -0.00 min
Lab File: BF121554.D
Acq: 10 Sep 2020 16:49

Tgt Ion:266 Resp: 195968
Ion Ratio Lower Upper
266 100
268 67.7 53.5 80.3
264 62.6 49.8 74.8





#71

Phenanthrene

Concen: 37.577 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.00 min

Lab File: BF121554.D

Acq: 10 Sep 2020 16:49

Instrument :

BNA_F

ClientSampleId :

ICVBF091020

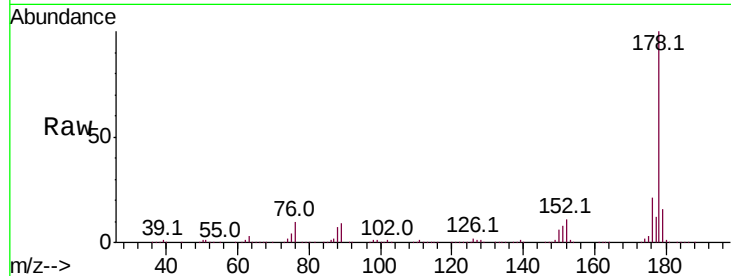
Tot Ion:178 Resp: 1378688

Ion Ratio Lower Upper

178 100

176 20.5 16.2 24.4

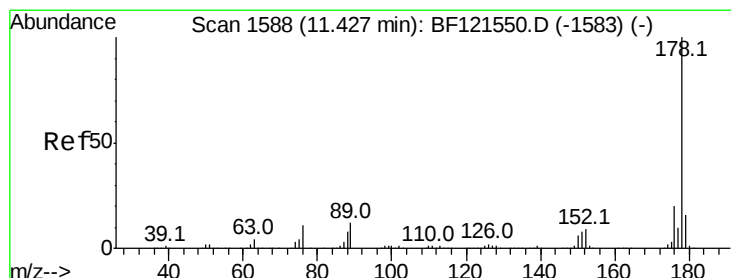
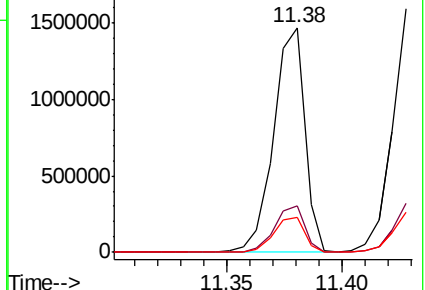
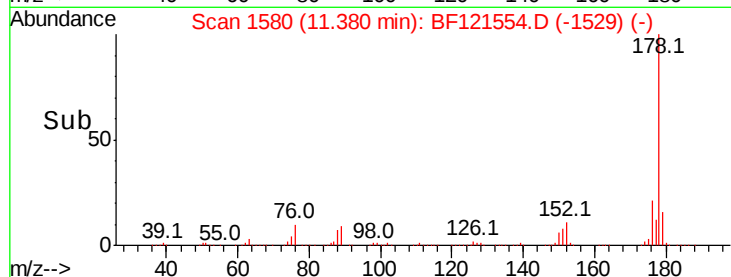
179 15.8 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 37.834 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.00 min

Lab File: BF121554.D

Acq: 10 Sep 2020 16:49

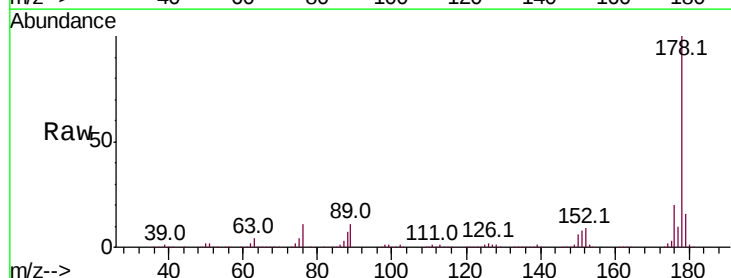
Tgt Ion:178 Resp: 1432479

Ion Ratio Lower Upper

178 100

176 19.9 15.7 23.5

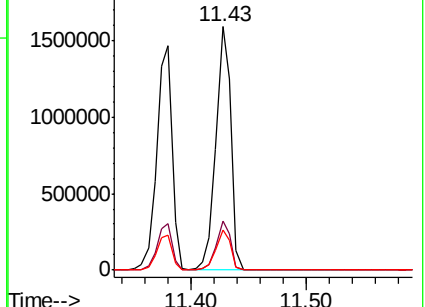
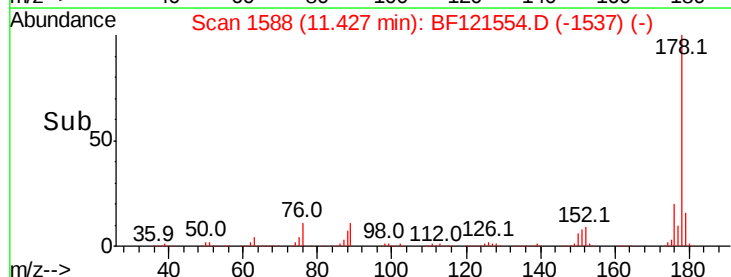
179 16.3 12.8 19.2

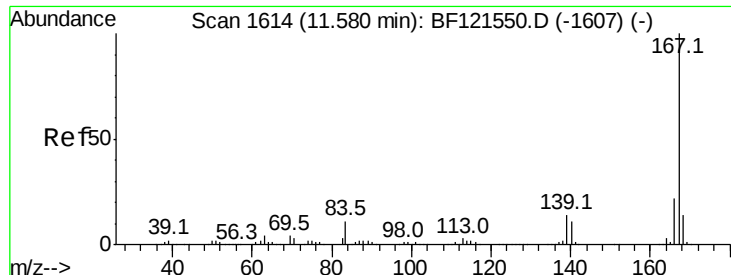


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



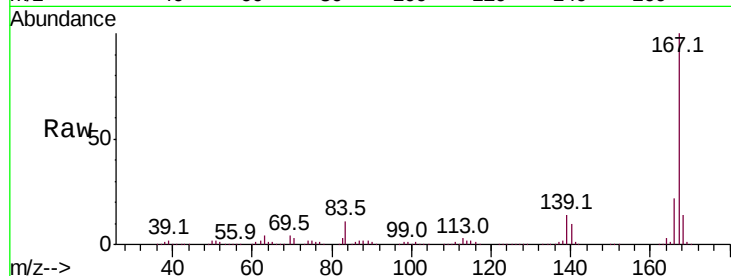


#73
 Carbazole
 Concen: 38.447 ng
 RT: 11.58 min Scan# 1614
 Delta R.T. -0.00 min
 Lab File: BF121554.D
 Acq: 10 Sep 2020 16:49

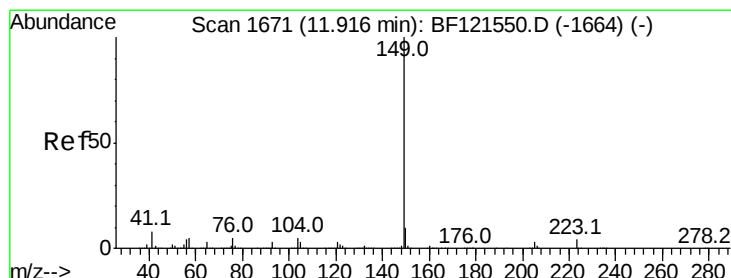
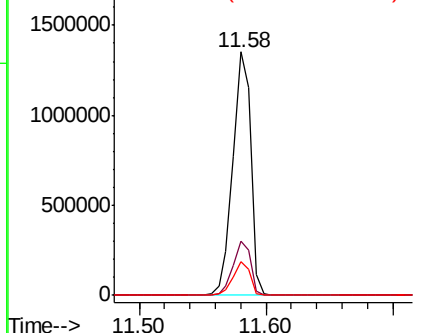
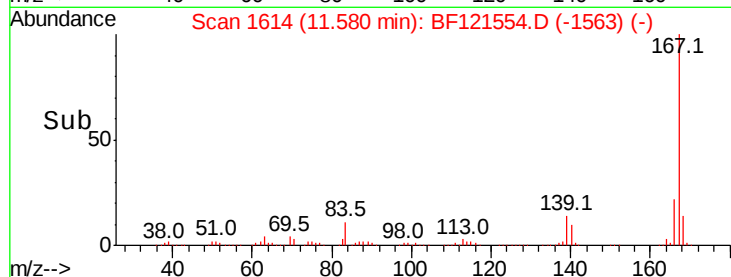
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF091020

Tot Ion:167 Resp: 1313596

Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.9	26.9
139	13.7	11.2	16.8



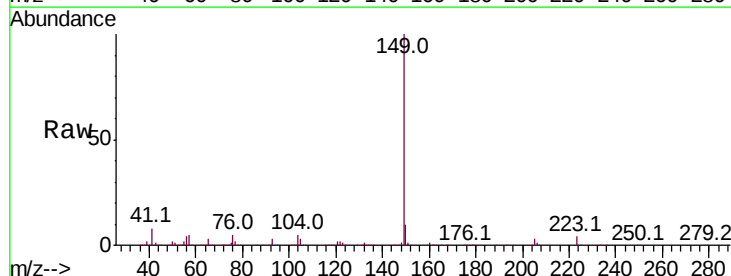
Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



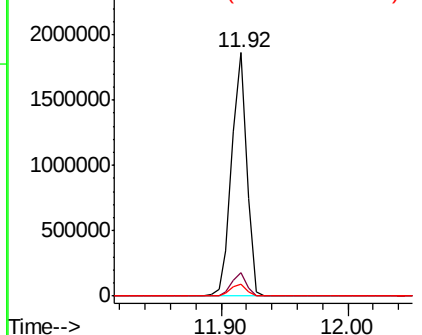
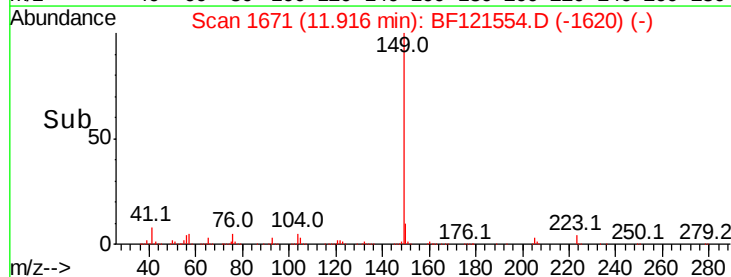
#74
 Di-n-butylphthalate
 Concen: 38.634 ng
 RT: 11.92 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: BF121554.D
 Acq: 10 Sep 2020 16:49

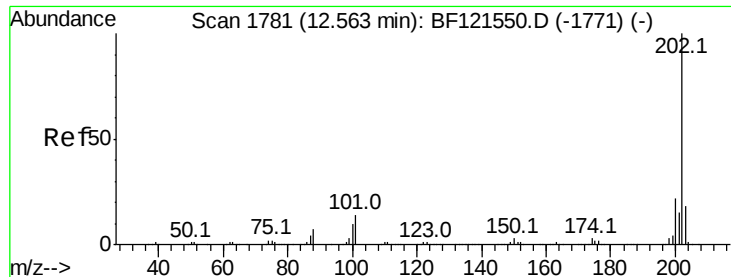
Tgt Ion:149 Resp: 1523502

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.6	11.4
104	5.2	4.2	6.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E



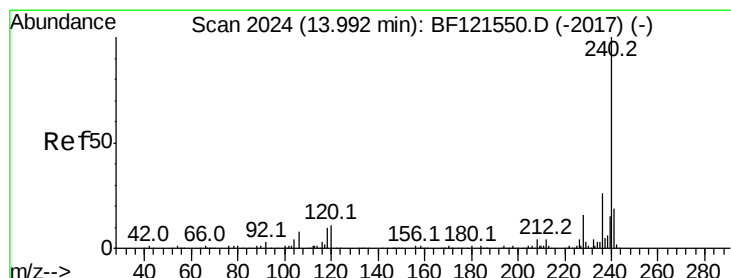
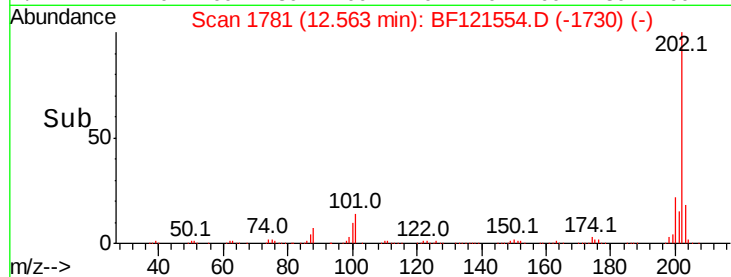
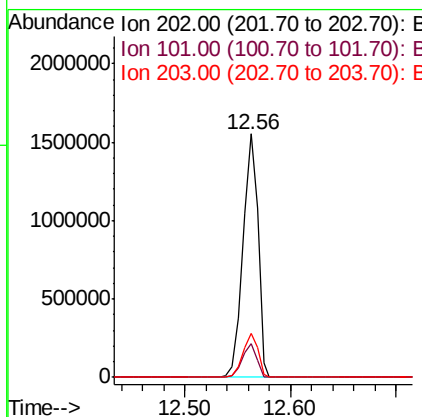
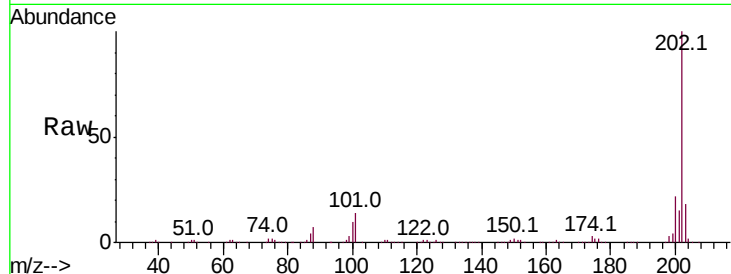


#75
Fluoranthene
 Concen: 38.340 ng
 RT: 12.56 min Scan# 1781
 Delta R.T. -0.00 min
 Lab File: BF121554.D
 Acq: 10 Sep 2020 16:49

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF091020

Tot Ion:202 Resp: 1501628

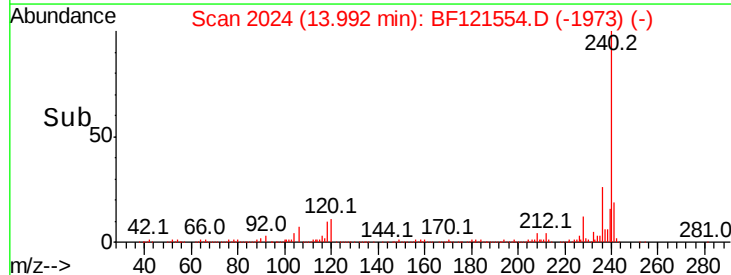
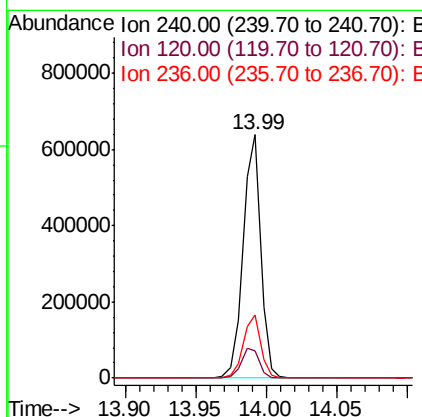
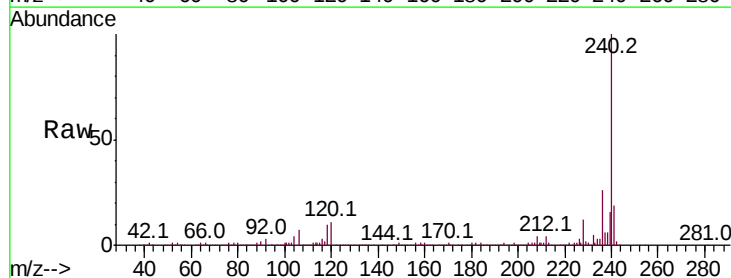
Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	34.0
203	18.1	0.0	38.2

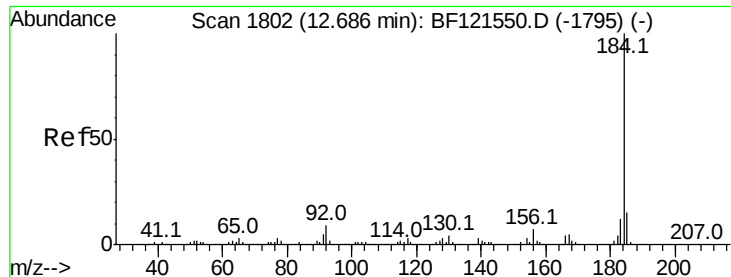


#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.00 min
 Lab File: BF121554.D
 Acq: 10 Sep 2020 16:49

Tgt Ion:240 Resp: 556317

Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.2	13.8
236	26.1	20.5	30.7





#77

Benzidine

Concen: 40.206 ng

RT: 12.69 min Scan# 1802

Delta R.T. -0.00 min

Lab File: BF121554.D

Acq: 10 Sep 2020 16:49

Instrument :

BNA_F

ClientSampleId :

ICVBF091020

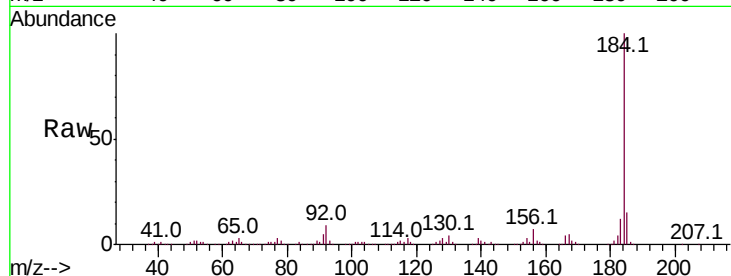
Tot Ion:184 Resp: 741516

Ion Ratio Lower Upper

184 100

185 15.3 12.0 18.0

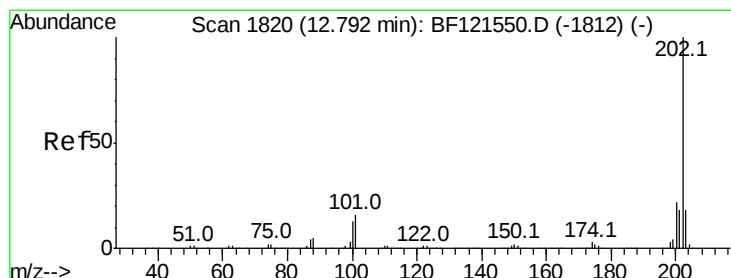
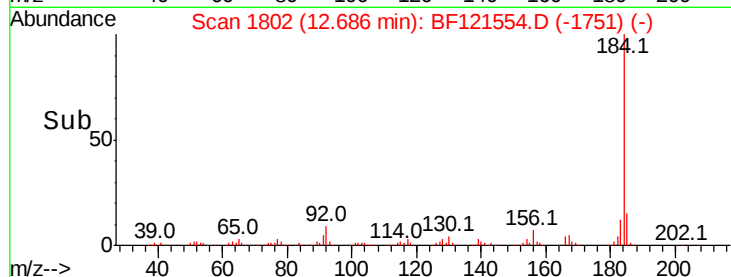
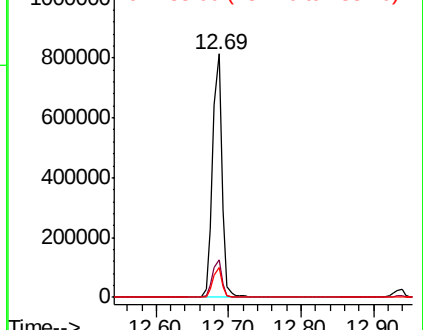
183 12.0 9.5 14.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.639 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.00 min

Lab File: BF121554.D

Acq: 10 Sep 2020 16:49

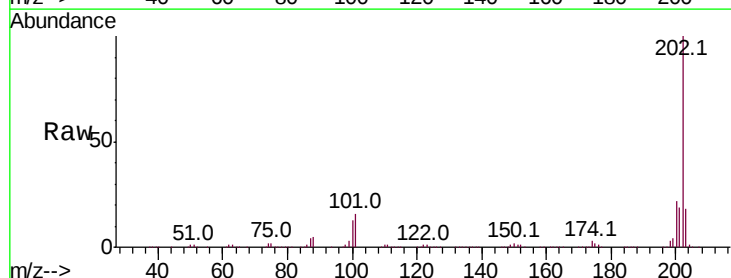
Tgt Ion:202 Resp: 1529877

Ion Ratio Lower Upper

202 100

200 22.2 17.8 26.8

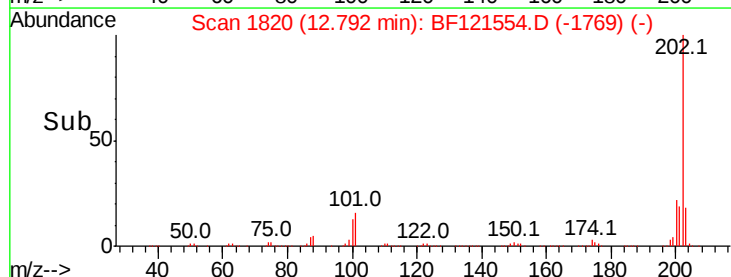
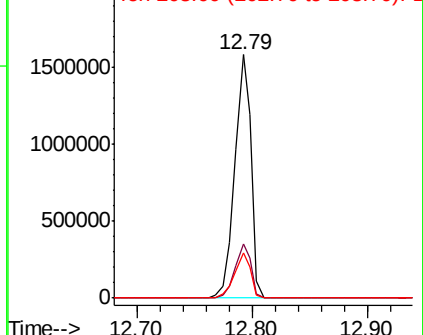
203 18.4 14.6 22.0

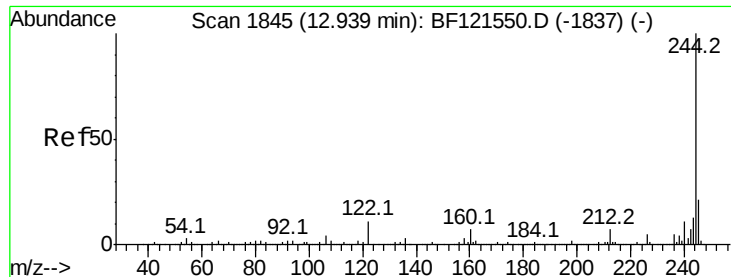


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

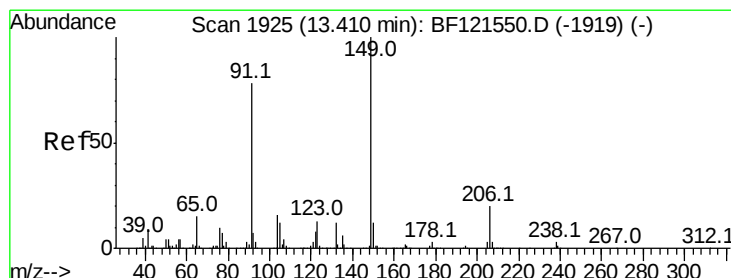
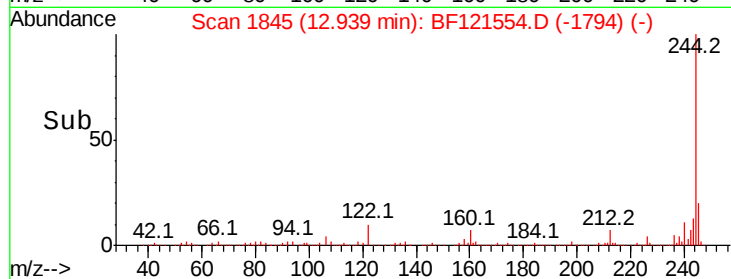
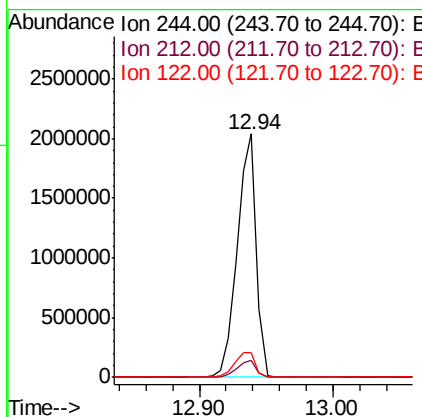
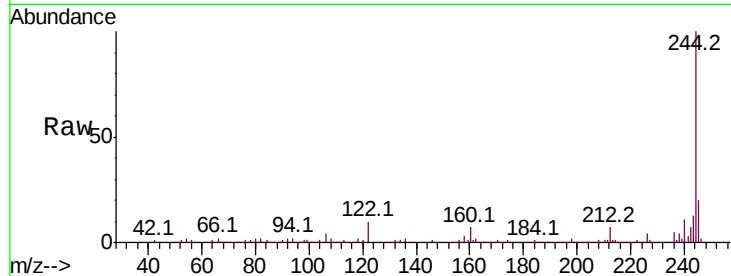




#79
 Terphenyl-d14
 Concen: 73.494 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.00 min
 Lab File: BF121554.D
 Acq: 10 Sep 2020 16:49

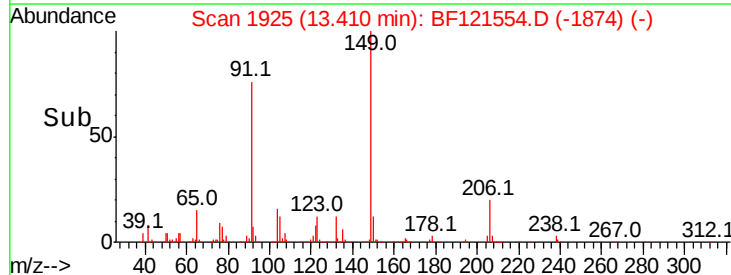
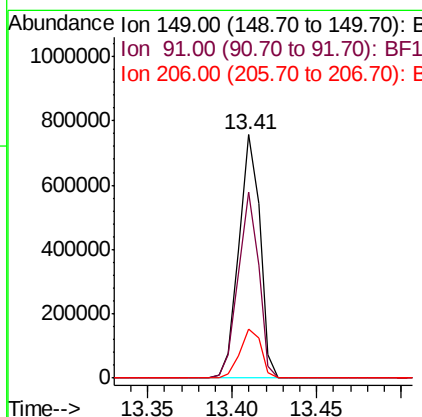
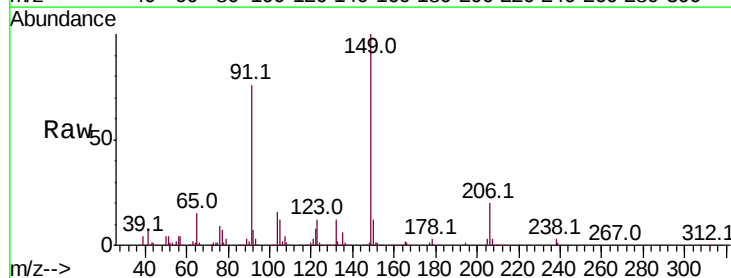
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF091020

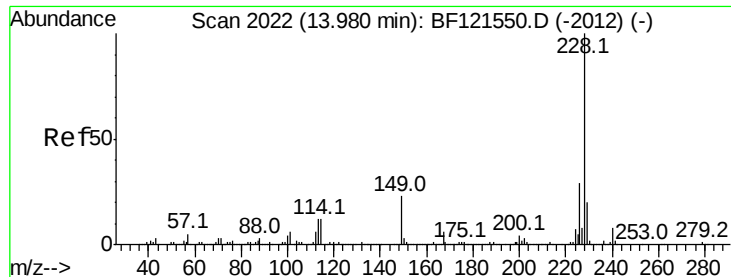
Tot Ion:244 Resp: 2018155
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 10.4 8.7 13.1



#80
 Butylbenzylphthalate
 Concen: 39.879 ng
 RT: 13.41 min Scan# 1925
 Delta R.T. -0.00 min
 Lab File: BF121554.D
 Acq: 10 Sep 2020 16:49

Tgt Ion:149 Resp: 655559
 Ion Ratio Lower Upper
 149 100
 91 76.4 62.6 94.0
 206 20.2 15.8 23.6





#81

Benzo(a)anthracene

Concen: 37.859 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.00 min

Lab File: BF121554.D

Acq: 10 Sep 2020 16:49

Instrument :

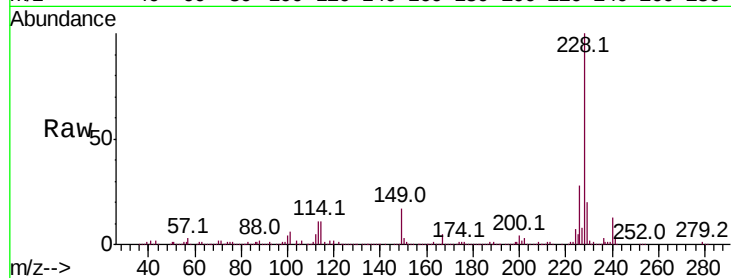
BNA_F

ClientSampleId :

ICVBF091020

Tot Ion:228 Resp: 1332465

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.9	34.3
229	19.9	16.3	24.5

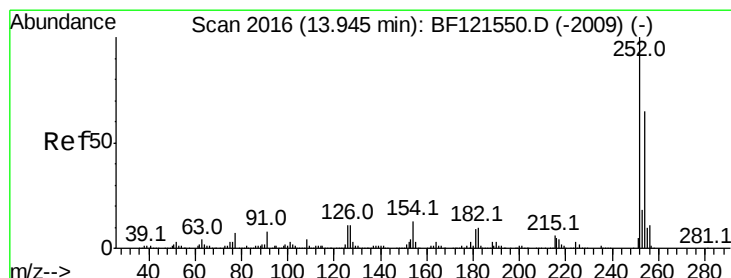
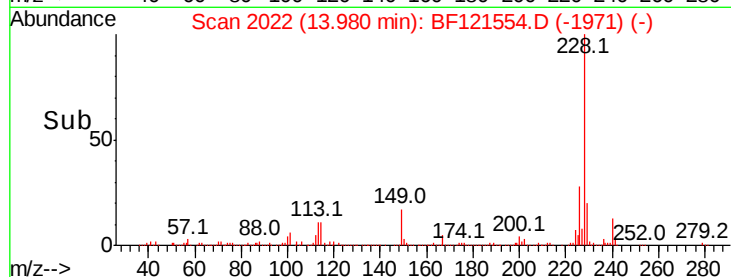
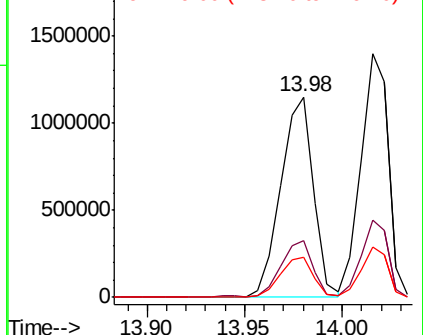


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.830 ng

RT: 13.94 min Scan# 2016

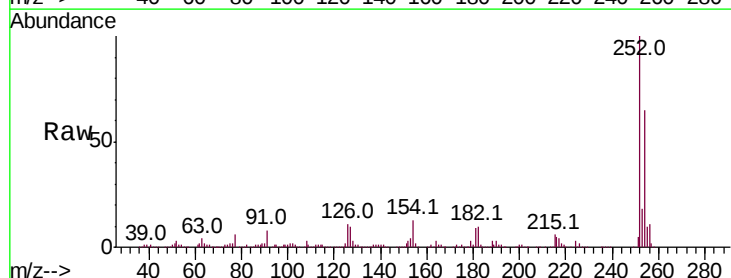
Delta R.T. -0.00 min

Lab File: BF121554.D

Acq: 10 Sep 2020 16:49

Tgt Ion:252 Resp: 547278

Ion	Ratio	Lower	Upper
252	100		
254	64.8	52.3	78.5
126	10.9	9.1	13.7

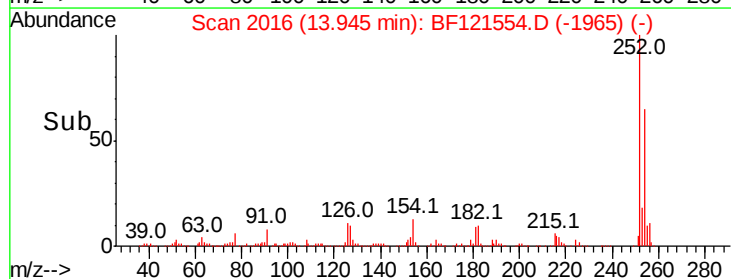
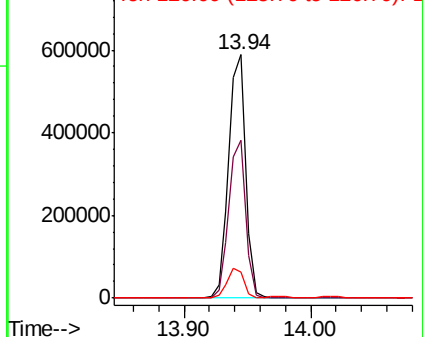


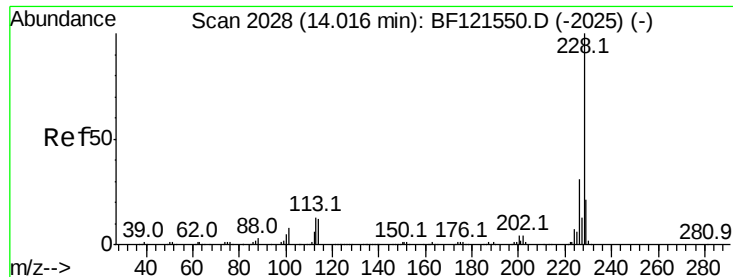
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.141 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BF121554.D

Acq: 10 Sep 2020 16:49

Instrument :

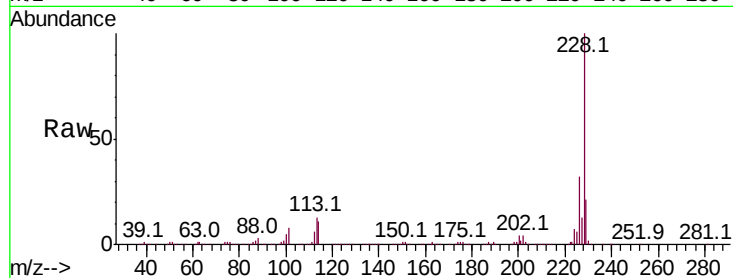
BNA_F

ClientSampleId :

ICVBF091020

Tot Ion:228 Resp: 1359348

Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.1	37.7
229	20.7	16.6	25.0

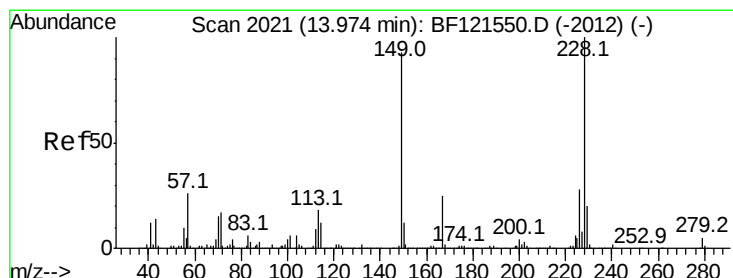
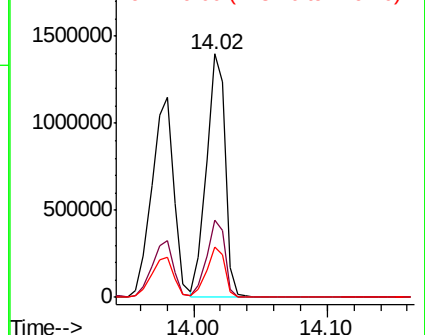
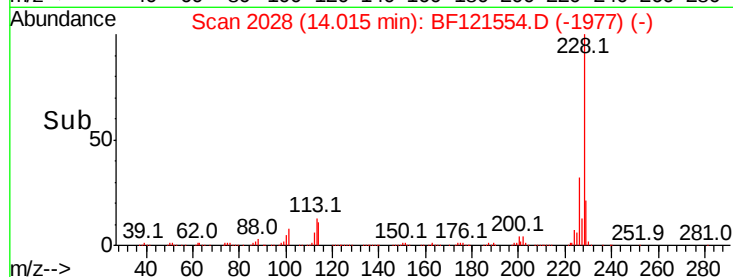


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.043 ng

RT: 13.97 min Scan# 2020

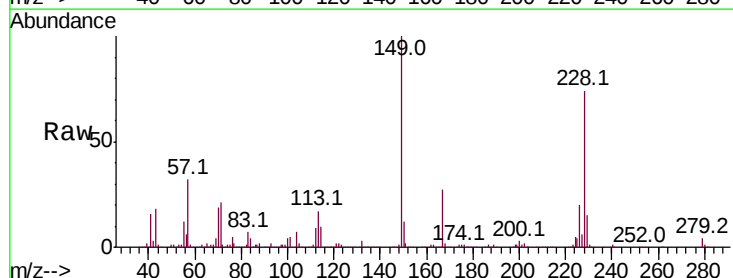
Delta R.T. -0.01 min

Lab File: BF121554.D

Acq: 10 Sep 2020 16:49

Tgt Ion:149 Resp: 835461

Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.6	32.4
279	4.0	4.1	6.1#

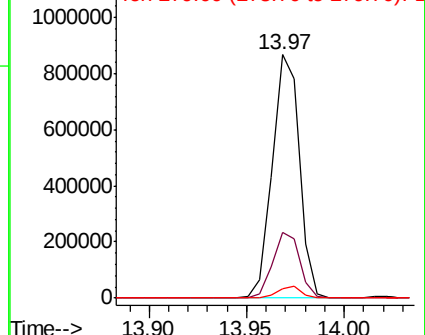
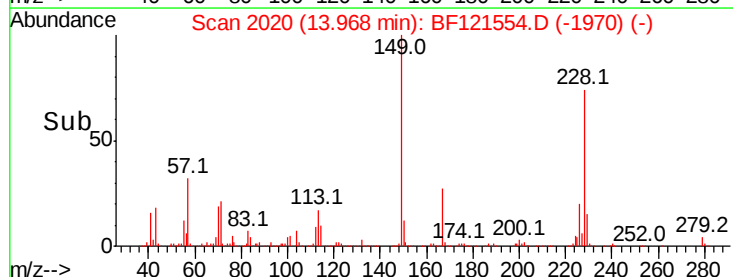


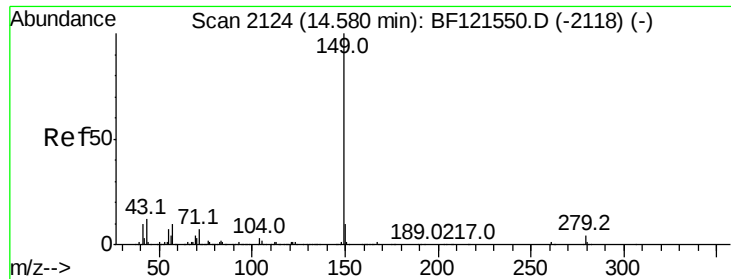
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

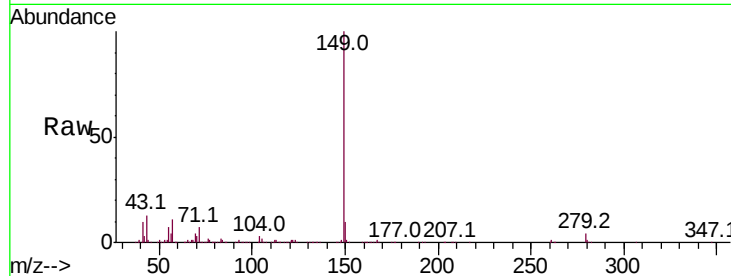




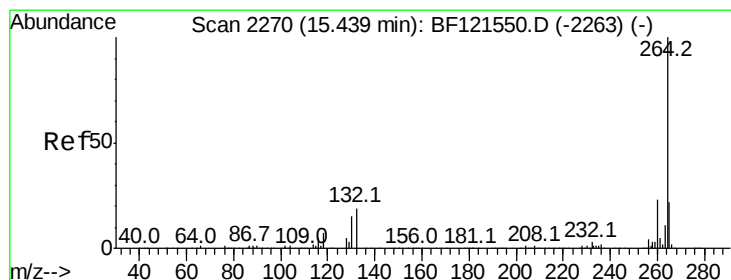
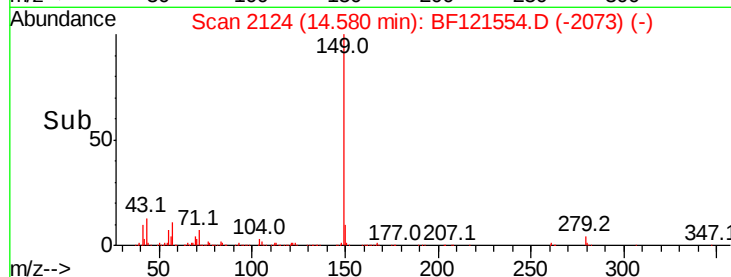
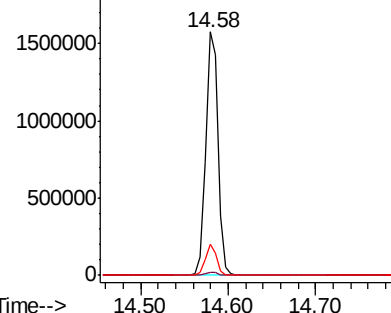
#85
Di-n-octyl phthalate
Concen: 39.514 ng
RT: 14.58 min Scan# 2124
Delta R.T. -0.00 min
Lab File: BF121554.D
Acq: 10 Sep 2020 16:49

Instrument :
BNA_F
ClientSampleId :
ICVBF091020

Tot Ion:149 Resp: 1531404
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.9 9.4 14.0

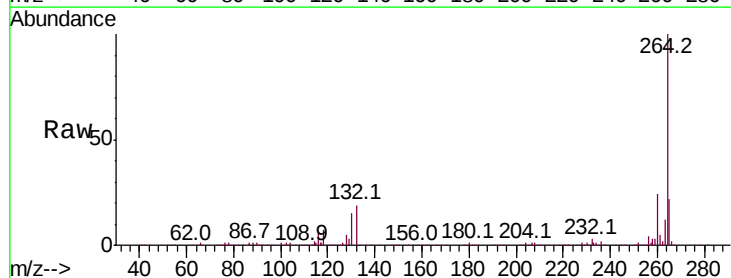


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

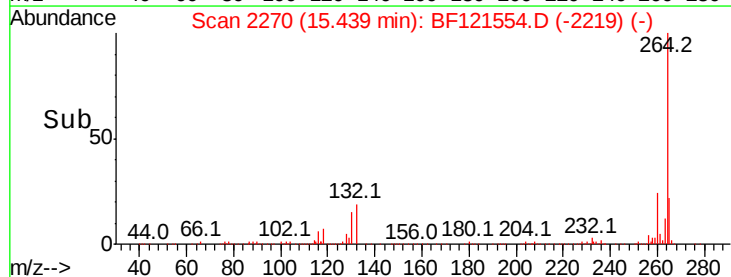
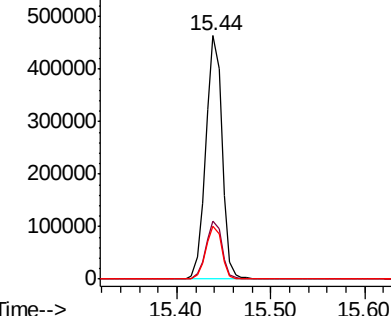


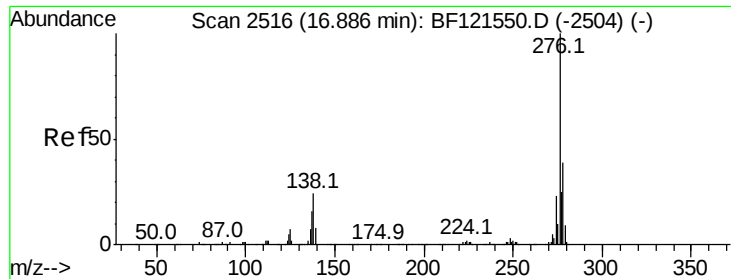
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.00 min
Lab File: BF121554.D
Acq: 10 Sep 2020 16:49

Tgt Ion:264 Resp: 563567
Ion Ratio Lower Upper
264 100
260 23.9 18.8 28.2
265 21.6 17.8 26.6



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



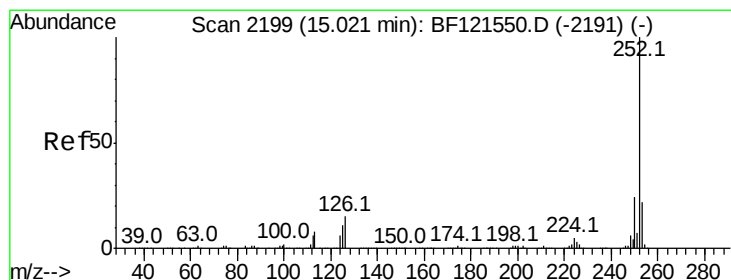
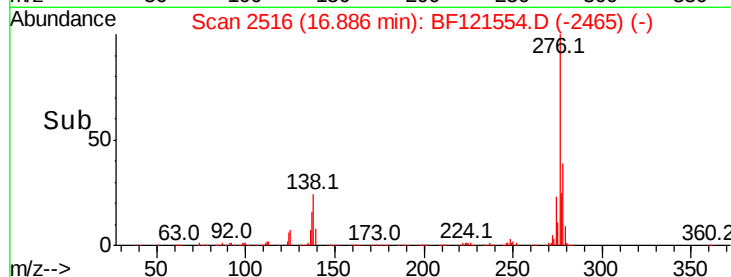
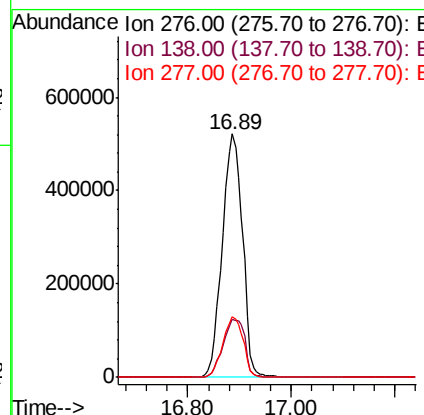
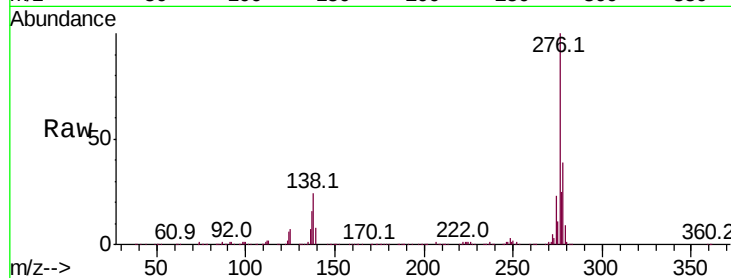


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 38.609 ng
 RT: 16.89 min Scan# 2516
 Delta R.T. -0.00 min
 Lab File: BF121554.D
 Acq: 10 Sep 2020 16:49

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF091020

Tot Ion:276 Resp: 1416987

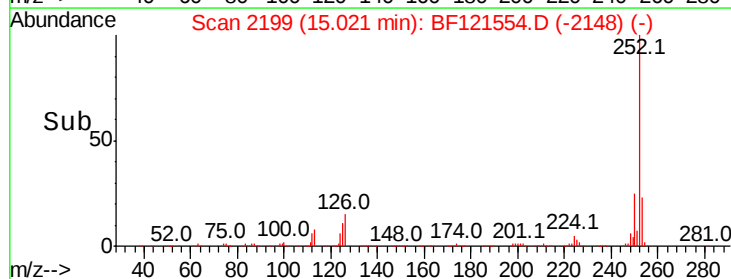
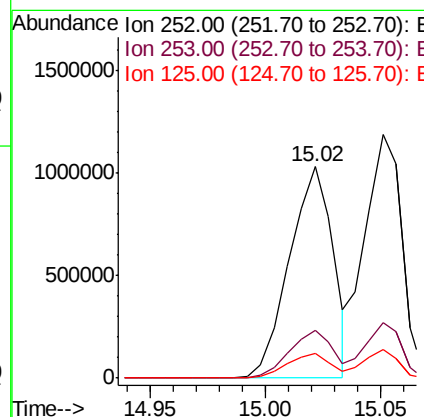
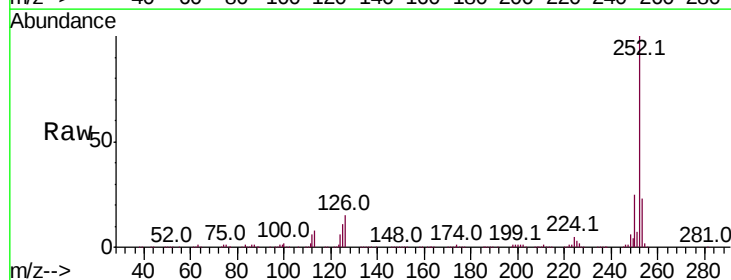
Ion	Ratio	Lower	Upper
276	100		
138	25.7	20.6	31.0
277	25.1	20.2	30.4

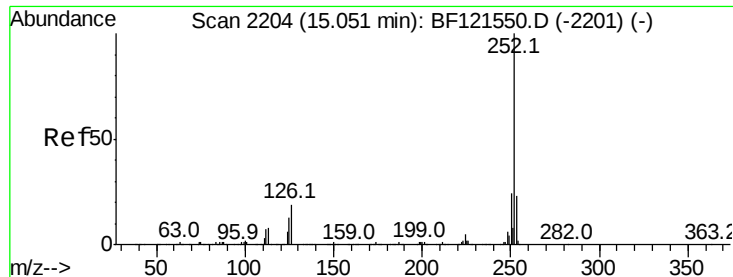


#88
 Benzo(b)fluoranthene
 Concen: 36.070 ng
 RT: 15.02 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: BF121554.D
 Acq: 10 Sep 2020 16:49

Tgt Ion:252 Resp: 1358954

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	11.4	9.2	13.8

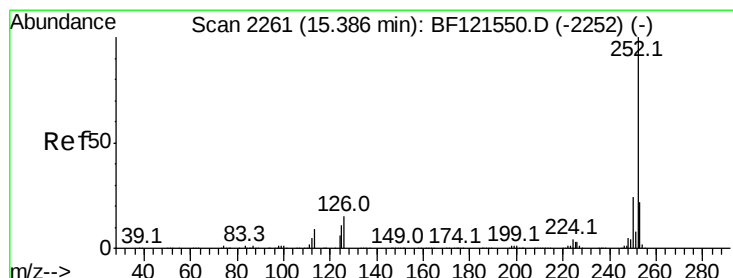
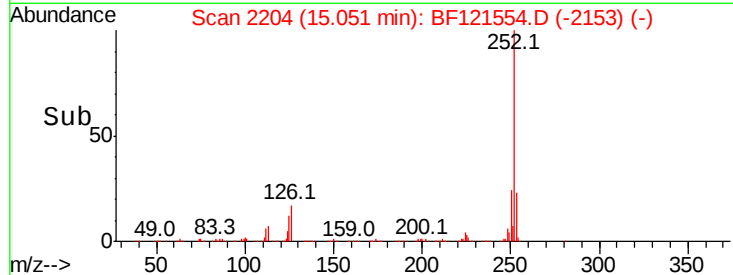
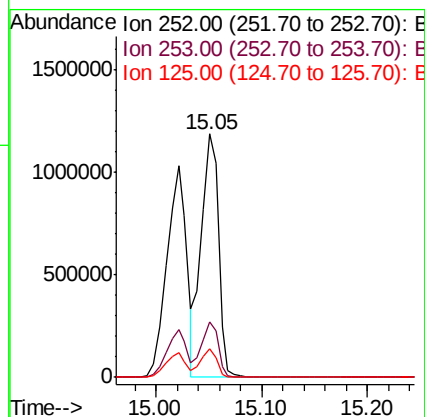
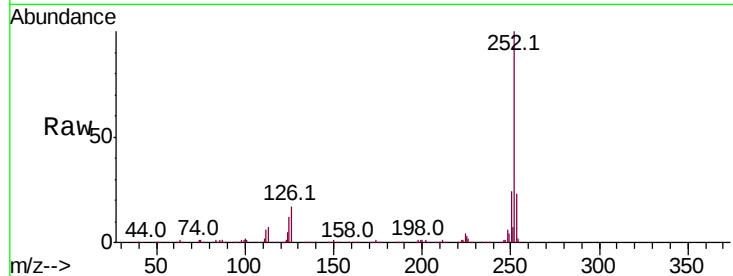




#89
Benzo(k)fluoranthene
Concen: 38.859 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BF121554.D
Acq: 10 Sep 2020 16:49

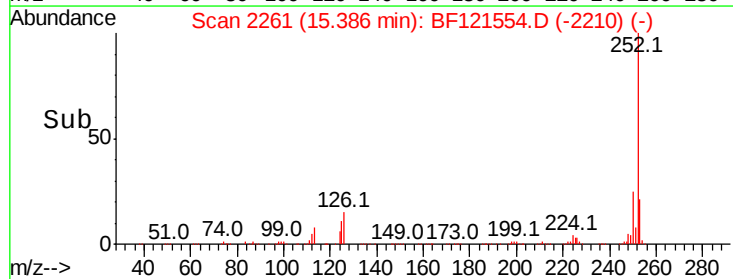
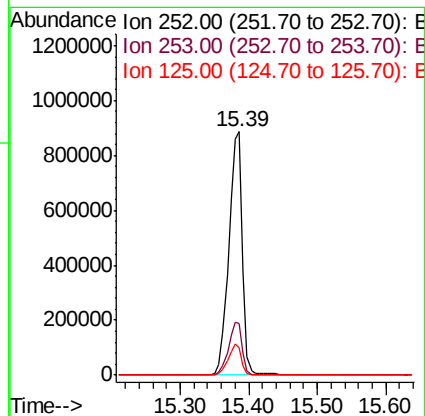
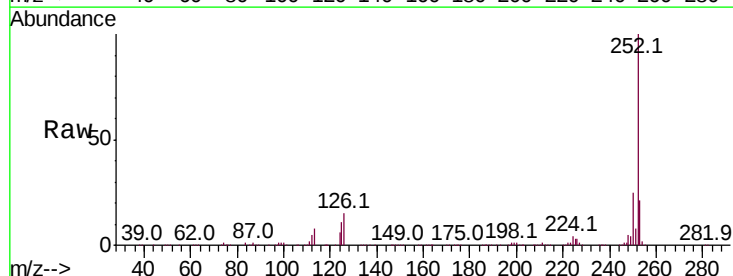
Instrument :
BNA_F
ClientSampleId :
ICVBF091020

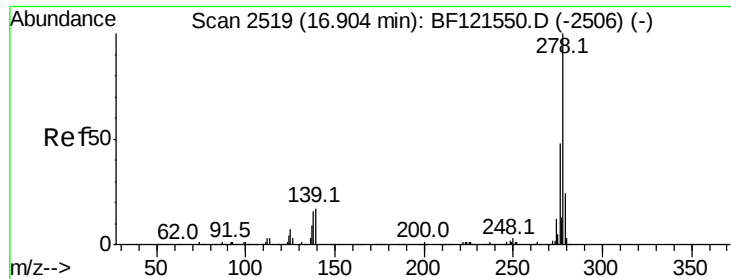
Tot Ion:252 Resp: 1340669
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 11.7 9.8 14.6



#90
Benzo(a)pyrene
Concen: 38.235 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.00 min
Lab File: BF121554.D
Acq: 10 Sep 2020 16:49

Tgt Ion:252 Resp: 1224487
Ion Ratio Lower Upper
252 100
253 21.4 17.5 26.3
125 11.1 9.0 13.4

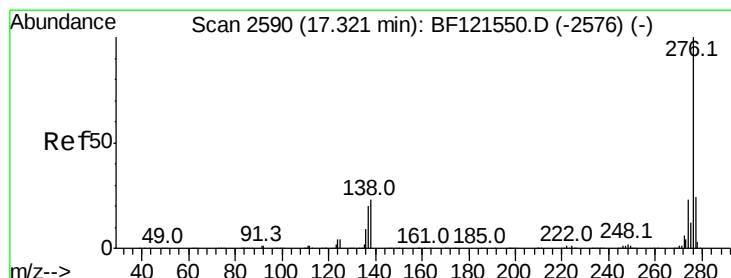
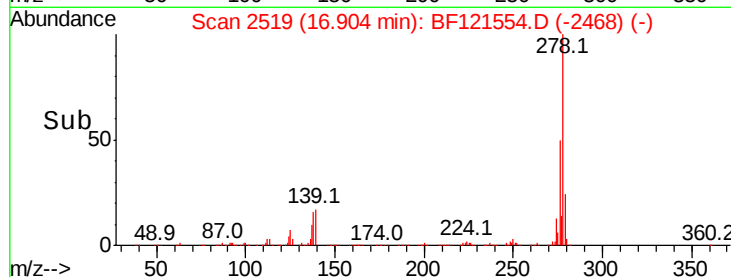
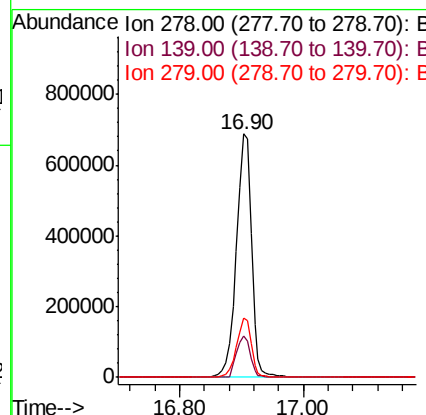
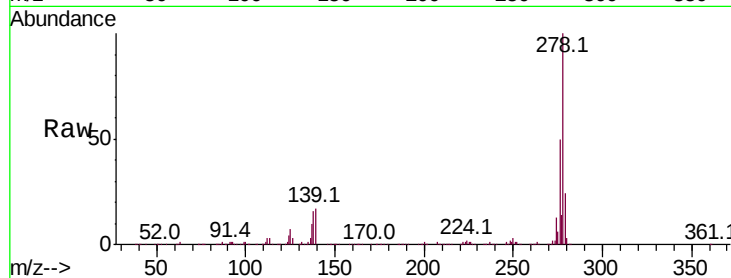




#91
Dibenzo(a,h)anthracene
Concen: 38.385 ng
RT: 16.90 min Scan# 2519
Delta R.T. -0.00 min
Lab File: BF121554.D
Acq: 10 Sep 2020 16:49

Instrument :
BNA_F
ClientSampleId :
ICVBF091020

Tot Ion:278 Resp: 1172723
Ion Ratio Lower Upper
278 100
139 17.1 13.9 20.9
279 24.1 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 38.051 ng
RT: 17.33 min Scan# 2591
Delta R.T. 0.01 min
Lab File: BF121554.D
Acq: 10 Sep 2020 16:49

Tgt Ion:276 Resp: 1142728
Ion Ratio Lower Upper
276 100
277 23.8 19.4 29.0
138 21.9 18.7 28.1

