

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081420\
 Data File : BF121294.D
 Acq On : 14 Aug 2020 19:52
 Operator : JU/CG
 Sample : L3681-02MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-4-9FTMSD

Quant Time: Aug 17 01:00:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 13 15:23:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	77313	20.00	ng	-0.02
21) Naphthalene-d8	7.99	136	307672	20.00	ng	-0.01
39) Acenaphthene-d10	9.75	164	163080	20.00	ng	-0.01
64) Phenanthrene-d10	11.23	188	329900	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	290748	20.00	ng	-0.01
86) Perylene-d12	15.27	264	291152	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	507289	99.48	ng	0.00
7) Phenol-d6	6.35	99	616053	93.75	ng	-0.01
23) Nitrobenzene-d5	7.27	82	396364	70.41	ng	-0.02
42) 2,4,6-Tribromophenol	10.53	330	197582	98.41	ng	-0.01
45) 2-Fluorobiphenyl	9.07	172	751094	63.71	ng	-0.01
79) Terphenyl-d14	12.81	244	870109	58.34	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.29	88	83112	38.297	ng	100
3) Pyridine	3.00	79	197751	35.005	ng	99
4) n-Nitrosodimethylamine	2.93	42	100095	43.263	ng	100
6) Aniline	6.36	93	249418	32.017	ng	# 88
8) 2-Chlorophenol	6.49	128	231033	41.200	ng	99
9) Benzaldehyde	6.25	77	140125	41.377	ng	96
10) Phenol	6.36	94	287733	40.363	ng	100
11) bis(2-Chloroethyl)ether	6.44	93	211240	41.052	ng	97
12) 1,3-Dichlorobenzene	6.65	146	232756	39.283	ng	100
13) 1,4-Dichlorobenzene	6.72	146	236887	39.556	ng	100
14) 1,2-Dichlorobenzene	6.87	146	225251	39.853	ng	100
15) Benzyl Alcohol	6.85	79	180019	40.894	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	301024	40.626	ng	98
17) 2-Methylphenol	6.97	107	184097	41.562	ng	98
18) Hexachloroethane	7.22	117	85879	40.551	ng	100
19) n-Nitroso-di-n-propylamine	7.12	70	141913	38.867	ng	99
20) 3+4-Methylphenols	7.12	107	223933	39.847	ng	91
22) Acetophenone	7.12	105	298404	37.656	ng	99
24) Nitrobenzene	7.29	77	228768	37.451	ng	95
25) Isophorone	7.53	82	418696	37.044	ng	96
26) 2-Nitrophenol	7.61	139	119914	40.515	ng	99
27) 2,4-Dimethylphenol	7.65	122	201718	42.537	ng	98
28) bis(2-Chloroethoxy)methane	7.75	93	264104	41.776	ng	99
29) 2,4-Dichlorophenol	7.85	162	188834	38.940	ng	99
30) 1,2,4-Trichlorobenzene	7.93	180	202641	37.861	ng	98
31) Naphthalene	8.01	128	650236	37.565	ng	100
32) Benzoic acid	7.77	122	106569	41.698	ng	99
33) 4-Chloroaniline	8.06	127	168284	23.823	ng	99
34) Hexachlorobutadiene	8.13	225	114582	35.383	ng	99
35) Caprolactam	8.42	113	36411	24.928	ng	99
36) 4-Chloro-3-methylphenol	8.55	107	196314	39.679	ng	99
37) 2-Methylnaphthalene	8.70	142	435027	38.192	ng	99
38) 1-Methylnaphthalene	8.80	142	413213	38.314	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	203143	37.176	ng	99

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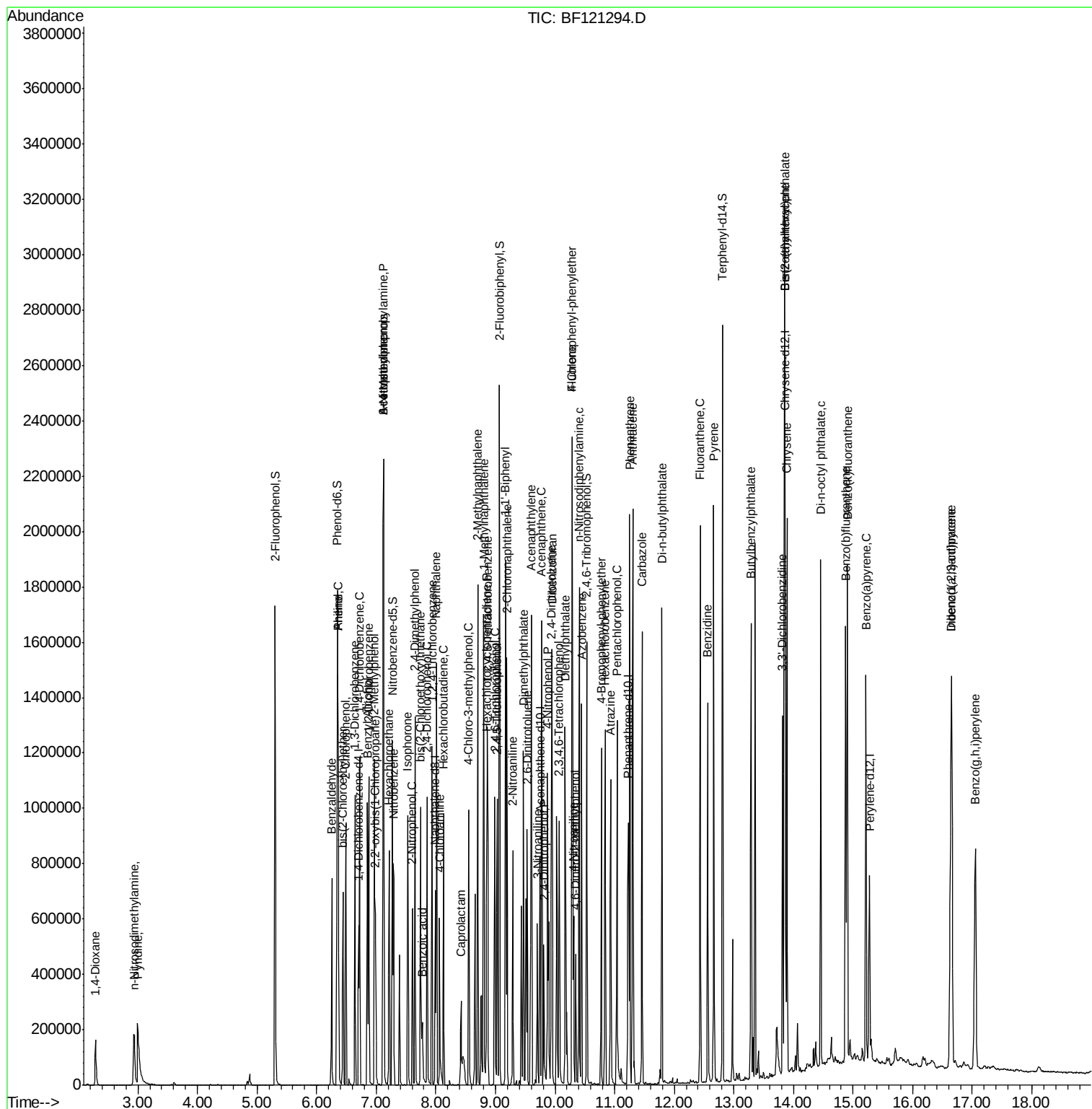
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	143225	67.543	ng	98
43) 2,4,6-Trichlorophenol	8.99	196	137468	39.557	ng	100
44) 2,4,5-Trichlorophenol	9.03	196	150392	39.843	ng	97
46) 1,1'-Biphenyl	9.17	154	535435	37.998	ng	98
47) 2-Chloronaphthalene	9.19	162	406635	37.488	ng	99
48) 2-Nitroaniline	9.29	65	127179	41.713	ng	96
49) Acenaphthylene	9.60	152	664803	38.588	ng	100
50) Dimethylphthalate	9.47	163	538207	43.858	ng	99
51) 2,6-Dinitrotoluene	9.53	165	106143	38.802	ng	98
52) Acenaphthene	9.78	154	378734	37.130	ng	99
53) 3-Nitroaniline	9.70	138	81400	26.062	ng	97
54) 2,4-Dinitrophenol	9.82	184	77710	59.677	ng	96
55) Dibenzofuran	9.95	168	594319	36.588	ng	97
56) 4-Nitrophenol	9.87	139	184385	91.477	ng	100
57) 2,4-Dinitrotoluene	9.94	165	143165	39.880	ng	97
58) Fluorene	10.29	166	446924	36.347	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.07	232	127421	42.695	ng	97
60) Diethylphthalate	10.17	149	482609	38.674	ng	99
61) 4-Chlorophenyl-phenylether	10.29	204	219954	36.780	ng	99
62) 4-Nitroaniline	10.32	138	112179	35.823	ng	99
63) Azobenzene	10.45	77	463278	37.156	ng	98
65) 4,6-Dinitro-2-methylphenol	10.35	198	61701	32.390	ng	99
66) n-Nitrosodiphenylamine	10.40	169	418849	37.027	ng	99
67) 4-Bromophenyl-phenylether	10.77	248	143638	37.326	ng	98
68) Hexachlorobenzene	10.84	284	163910	37.353	ng	99
69) Atrazine	10.93	200	117330	34.677	ng	99
70) Pentachlorophenol	11.04	266	183159	92.657	ng	99
71) Phenanthrene	11.25	178	705434	37.377	ng	100
72) Anthracene	11.30	178	723590	38.205	ng	100
73) Carbazole	11.46	167	687441	37.114	ng	100
74) Di-n-butylphthalate	11.79	149	822724	39.351	ng	100
75) Fluoranthene	12.44	202	844881	40.203	ng	99
77) Benzidine	12.56	184	505112	66.085	ng	98
78) Pyrene	12.66	202	869413	40.155	ng	99
80) Butylbenzylphthalate	13.29	149	373319	42.211	ng	100
81) Benzo(a)anthracene	13.85	228	729113	36.973	ng	100
82) 3,3'-Dichlorobenzidine	13.82	252	259797	33.205	ng	98
83) Chrysene	13.89	228	767675	38.129	ng	100
84) Bis(2-ethylhexyl)phthalate	13.85	149	459660	37.708	ng	99
85) Di-n-octyl phthalate	14.46	149	928838	41.559	ng	100
87) Indeno(1,2,3-cd)pyrene	16.64	276	780046	36.035	ng	99
88) Benzo(b)fluoranthene	14.87	252	758261	38.869	ng	99
89) Benzo(k)fluoranthene	14.90	252	721643	39.835	ng	99
90) Benzo(a)pyrene	15.22	252	670173	38.061	ng	99
91) Dibenzo(a,h)anthracene	16.66	278	636050	34.292	ng	99
92) Benzo(g,h,i)perylene	17.05	276	658679	35.985	ng	98

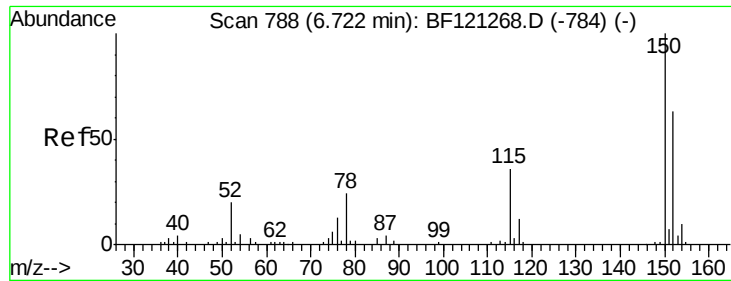
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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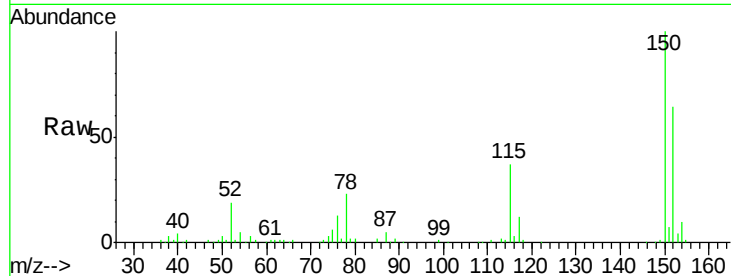


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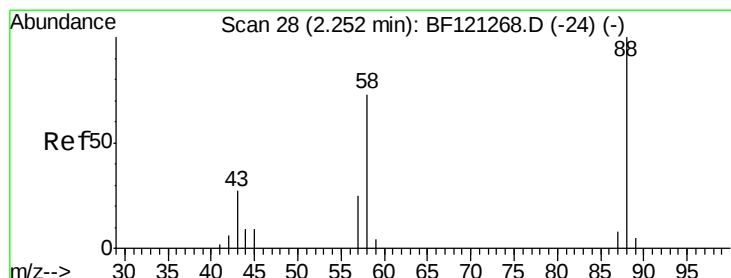
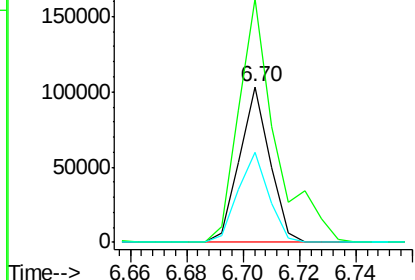
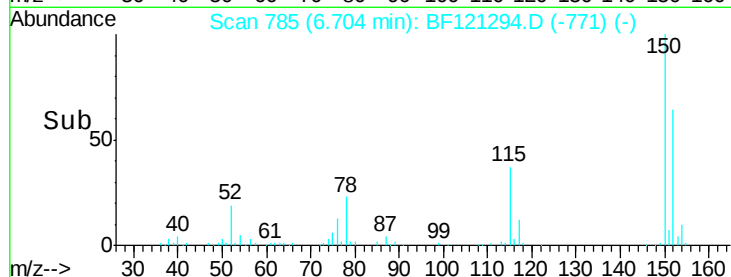
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.02 min
Lab File: BF121294.D
Acq: 14 Aug 2020 19:52

Instrument :
BNA_F
ClientSampleId :
TP-6-4-9FTMSD

Tot Ion:152 Resp: 77313
Ion Ratio Lower Upper
152 100
150 156.5 129.0 193.6
115 57.9 49.0 73.4



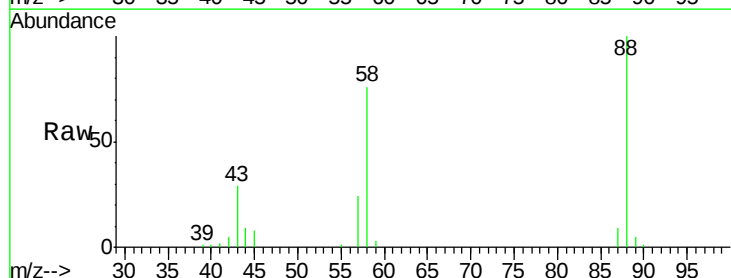
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



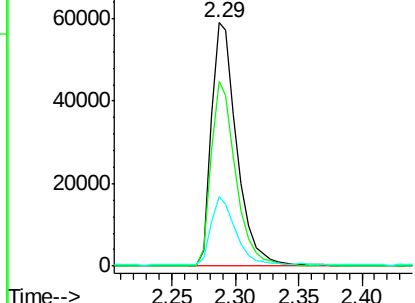
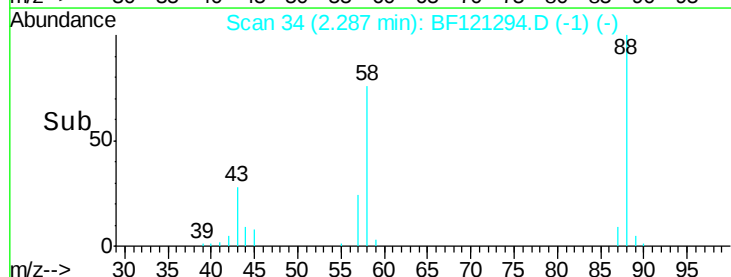
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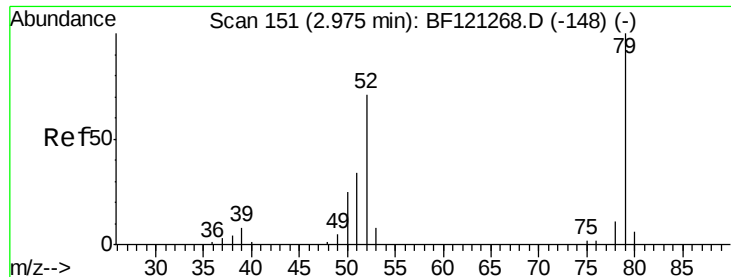
1,4-Dioxane
Concen: 38.297 ng
RT: 2.29 min Scan# 34
Delta R.T. 0.04 min
Lab File: BF121294.D
Acq: 14 Aug 2020 19:52

Tgt Ion: 88 Resp: 83112
Ion Ratio Lower Upper
88 100
58 73.4 58.6 87.8
43 27.2 21.8 32.8



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

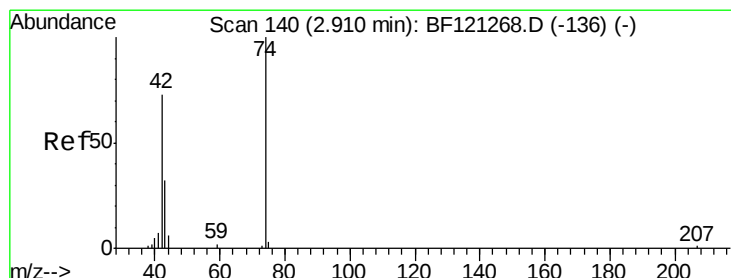
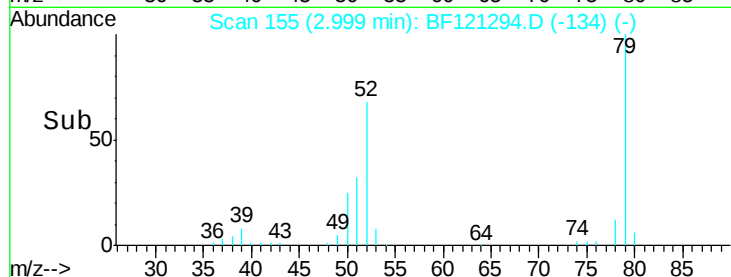
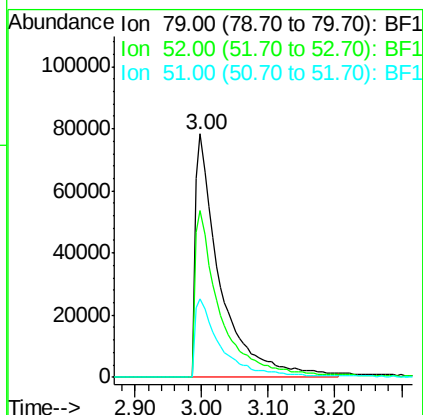
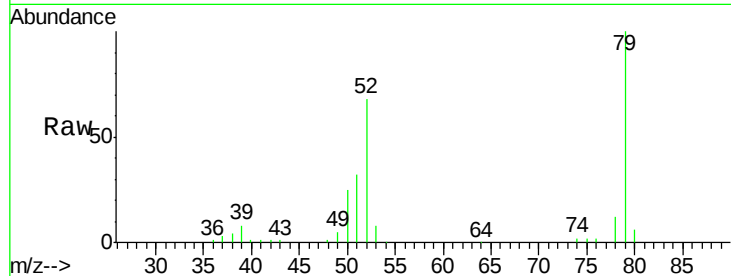




#3
 Pvridine
 Concen: 35.005 ng
 RT: 3.00 min Scan# 155
 Delta R.T. 0.02 min
 Lab File: BF121294.D
 Acq: 14 Aug 2020 19:52

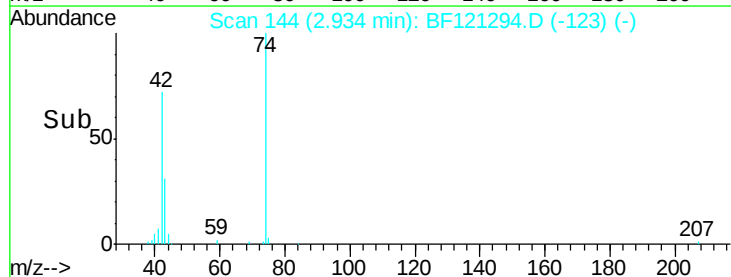
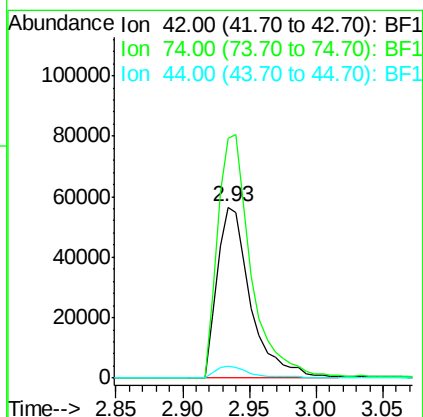
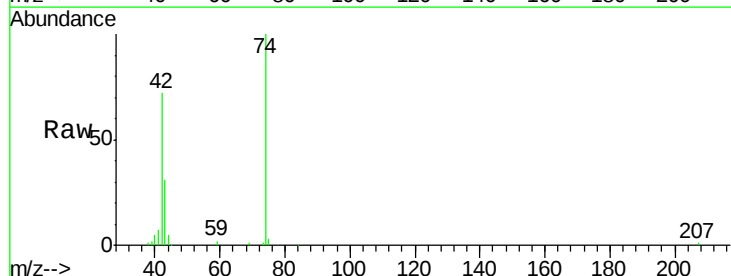
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 TP-6-4-9FTMSD

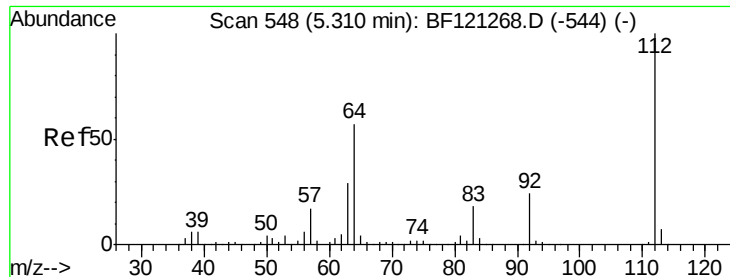
Tot Ion: 79 Resp: 197751
 Ion Ratio Lower Upper
 79 100
 52 68.5 53.8 80.8
 51 32.3 26.0 39.0



#4
 n-Nitrosodimethylamine
 Concen: 43.263 ng
 RT: 2.93 min Scan# 144
 Delta R.T. 0.02 min
 Lab File: BF121294.D
 Acq: 14 Aug 2020 19:52

Tgt Ion: 42 Resp: 100095
 Ion Ratio Lower Upper
 42 100
 74 139.8 111.8 167.8
 44 7.0 5.7 8.5

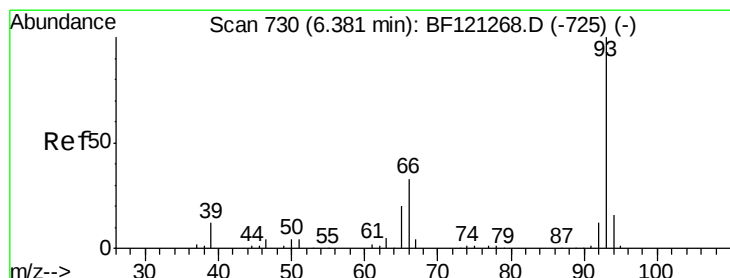
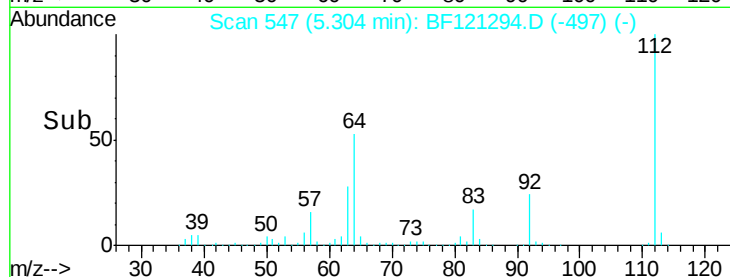
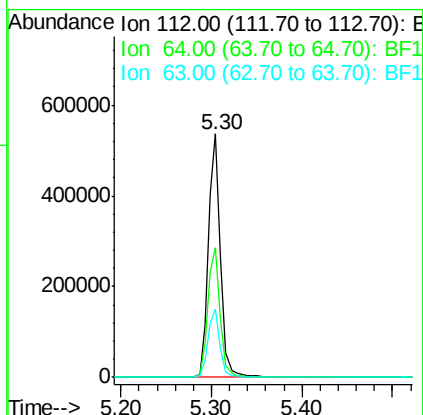
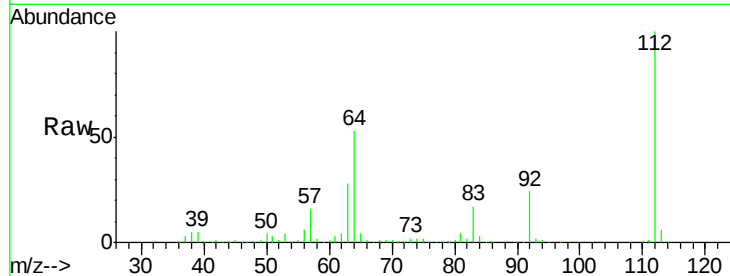




#5
 2-Fluorophenol
 Concen: 99.477 ng
 RT: 5.30 min Scan# 547
 Delta R.T. -0.01 min
 Lab File: BF121294.D
 Acq: 14 Aug 2020 19:52

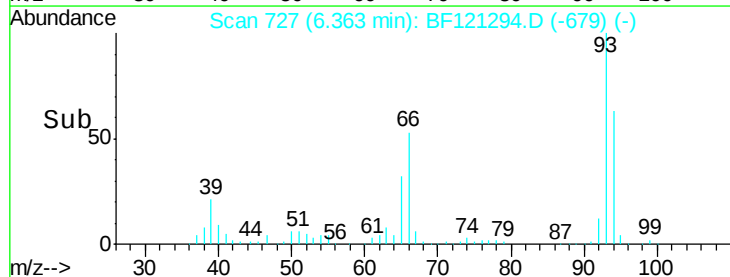
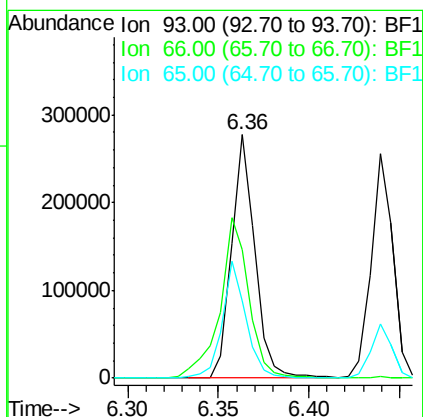
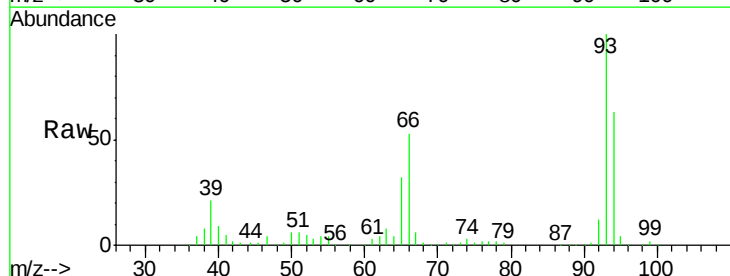
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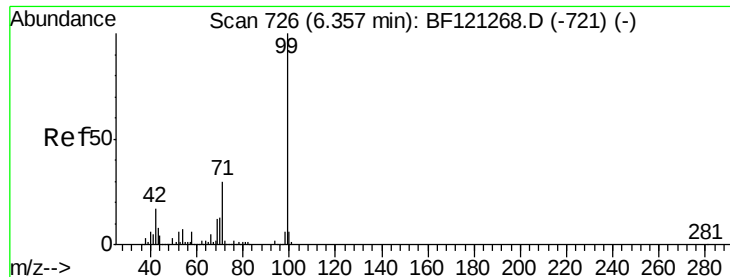
Tot Ion	Ratio	Lower	Upper
112	100		
64	53.1	45.4	68.2
63	27.8	23.0	34.6



#6
 Aniline
 Concen: 32.017 ng
 RT: 6.36 min Scan# 727
 Delta R.T. -0.02 min
 Lab File: BF121294.D
 Acq: 14 Aug 2020 19:52

Tgt Ion	Ratio	Lower	Upper
93	100		
66	53.0	36.2	54.4
65	31.9	20.7	31.1#





#7

Phenol-d6

Concen: 93.746 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF121294.D

Acq: 14 Aug 2020 19:52

Instrument :

BNA_F

ClientSampleId :

TP-6-4-9FTMSD

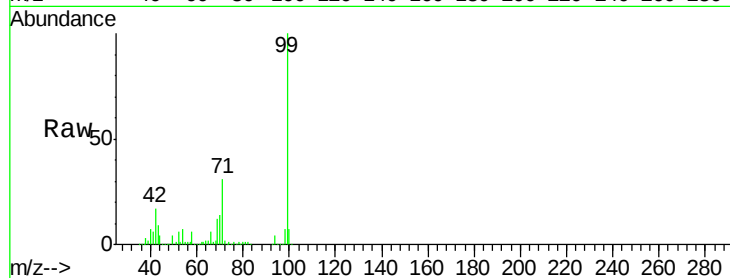
Tot Ion: 99 Resp: 616053

Ion Ratio Lower Upper

99 100

42 17.0 13.1 19.7

71 30.8 23.7 35.5



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

6.35

800000

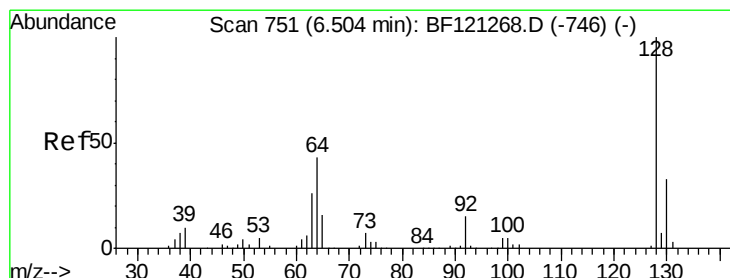
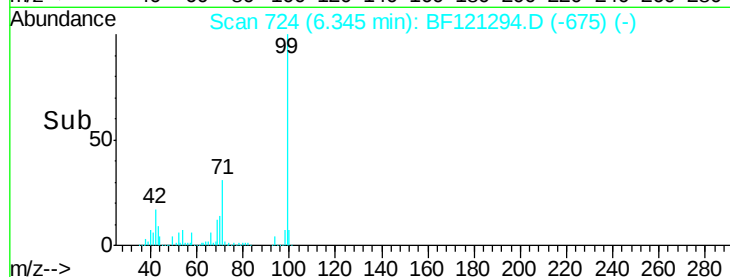
600000

400000

200000

0

Time-->



#8

2-Chlorophenol

Concen: 41.200 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF121294.D

Acq: 14 Aug 2020 19:52

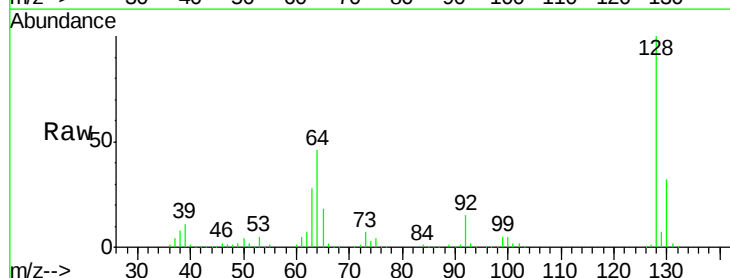
Tgt Ion: 128 Resp: 231033

Ion Ratio Lower Upper

128 100

130 31.5 12.5 52.5

64 45.7 26.3 66.3



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

6.49

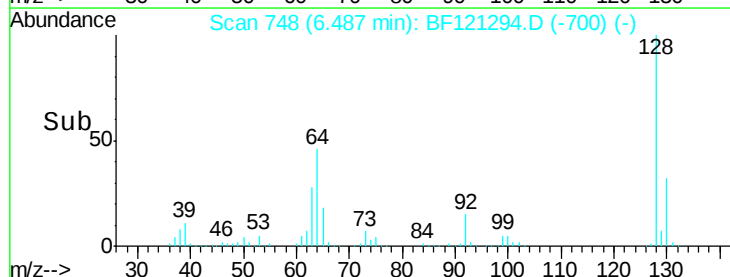
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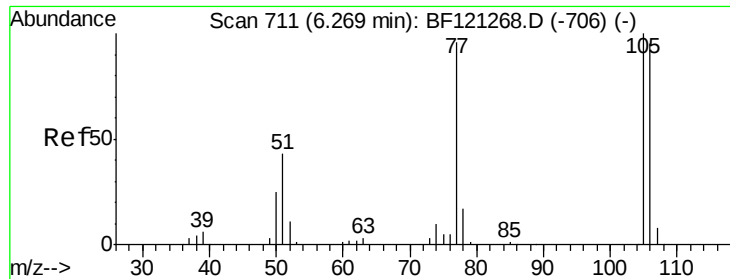
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100000

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Time-->

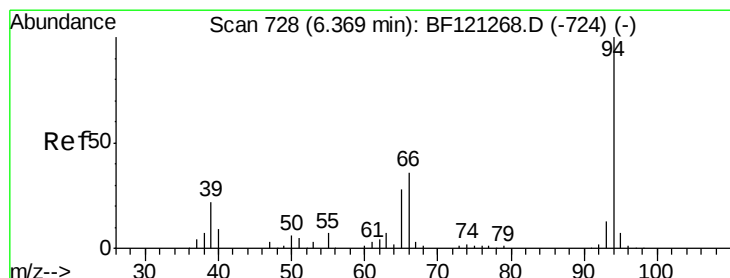
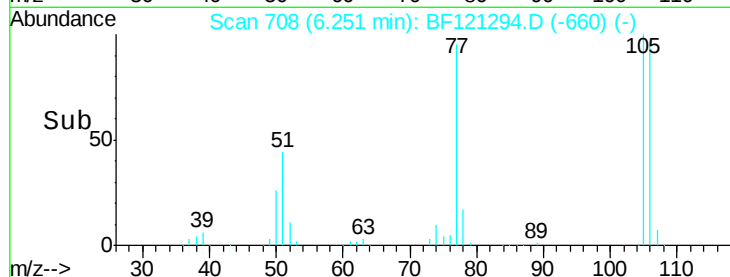
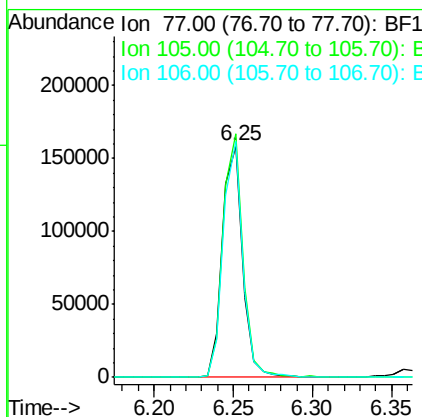
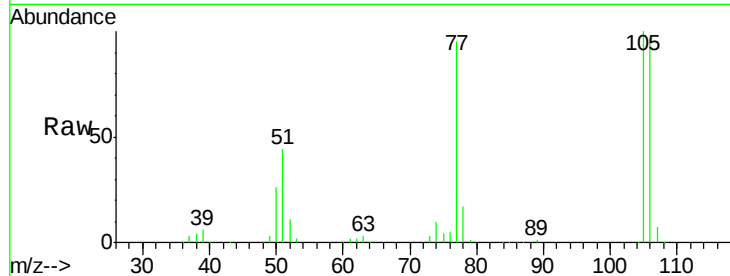




#9
Benzaldehyde
Concen: 41.377 ng
RT: 6.25 min Scan# 708
Delta R.T. -0.02 min
Lab File: BF121294.D
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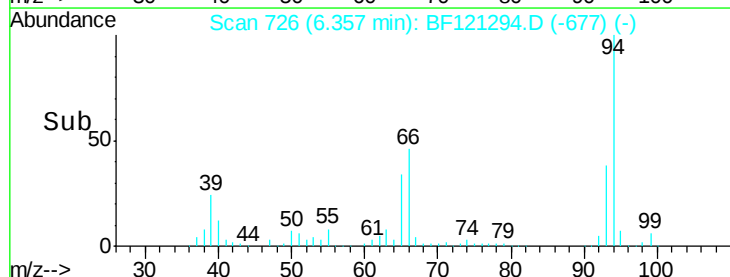
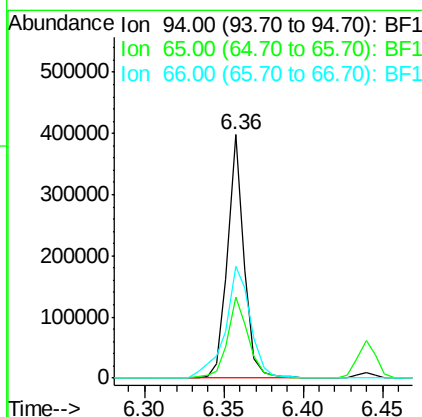
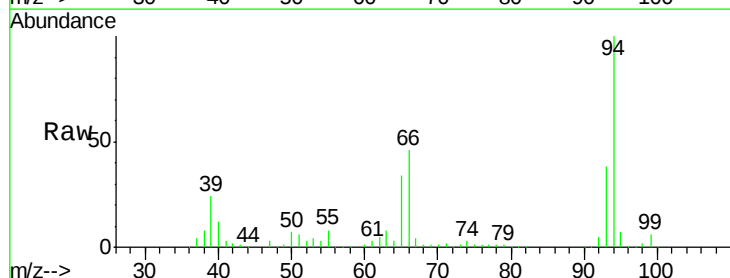
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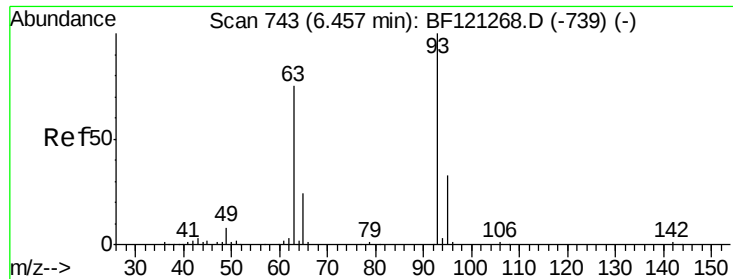
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Ion Ratio Lower Upper
77 100
105 105.3 80.8 120.8
106 102.0 79.4 119.4



#10
Phenol
Concen: 40.363 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF121294.D
Acq: 14 Aug 2020 19:52

Tgt Ion: 94 Resp: 287733
Ion Ratio Lower Upper
94 100
65 33.5 13.0 53.0
66 46.1 26.1 66.1

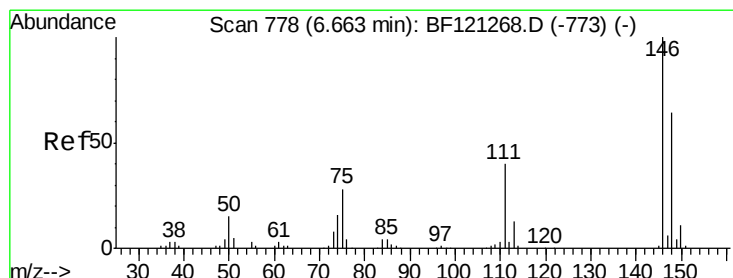
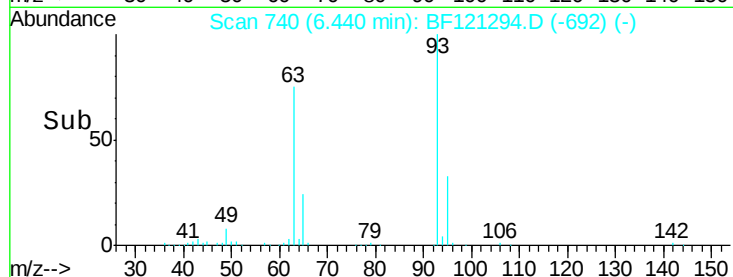
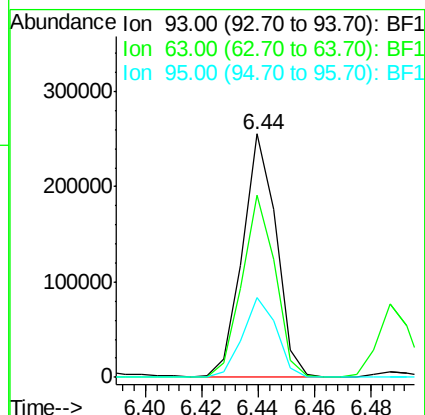
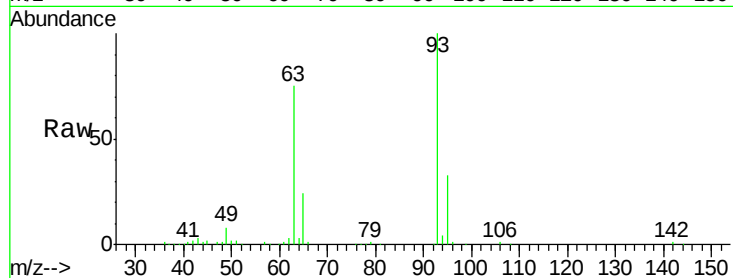




#11
bis(2-Chloroethyl)ether
Concen: 41.052 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.02 min
Lab File: BF121294.D
Acq: 14 Aug 2020 19:52

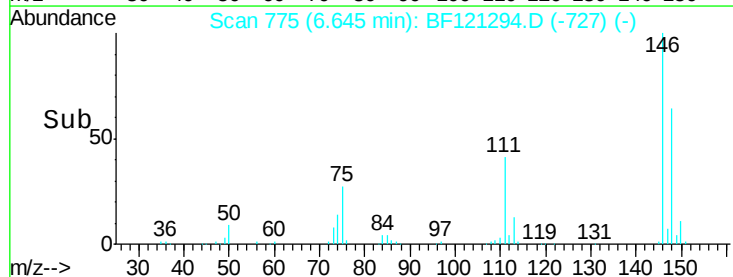
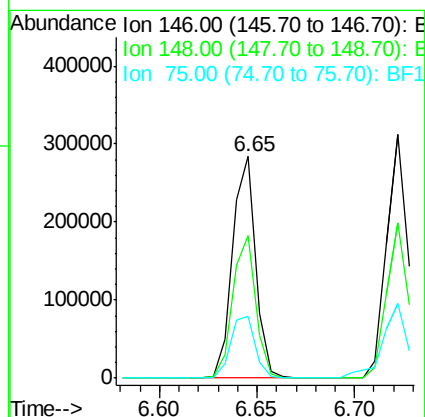
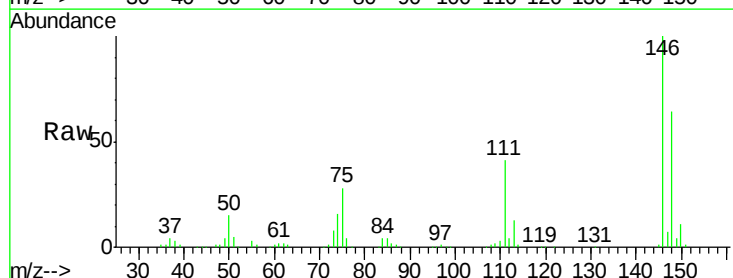
Instrument :
BNA_F
ClientSampleId :
TP-6-4-9FTMSD

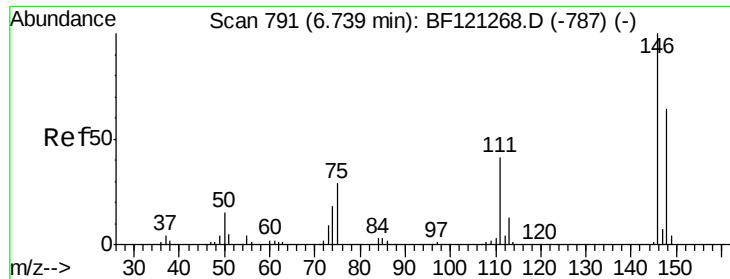
Tot Ion: 93 Resp: 211240
Ion Ratio Lower Upper
93 100
63 74.9 51.2 91.2
95 32.8 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 39.283 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.02 min
Lab File: BF121294.D
Acq: 14 Aug 2020 19:52

Tgt Ion: 146 Resp: 232756
Ion Ratio Lower Upper
146 100
148 64.0 51.3 76.9
75 27.7 22.5 33.7

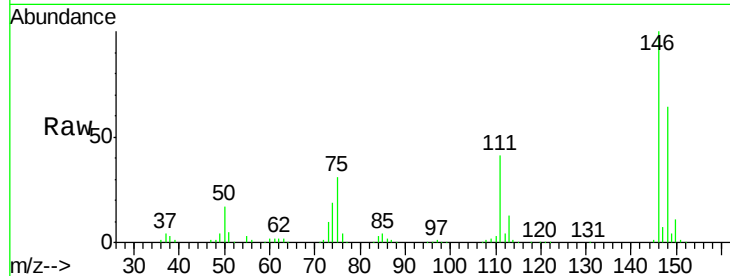




#13
 1,4-Dichlorobenzene
 Concen: 39.556 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.02 min
 Lab File: BF121294.D
 Acq: 14 Aug 2020 19:52

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-4-9FTMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.9	76.3
111	40.9	32.2	48.4

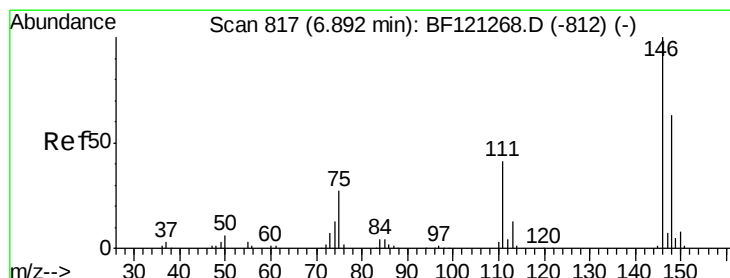
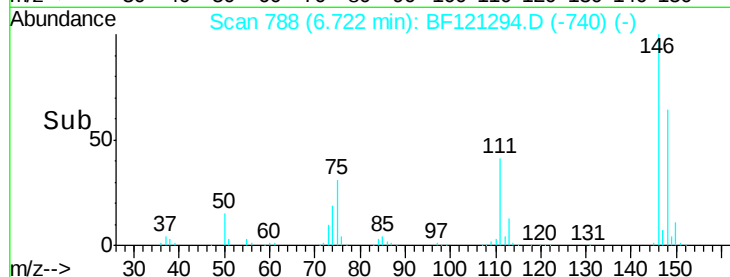
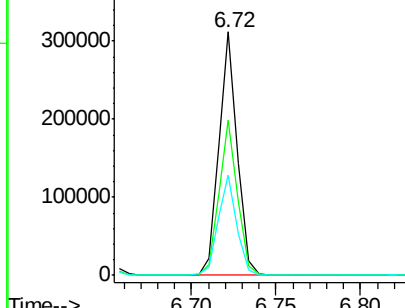


Abundance

Ion 146.00 (145.70 to 146.70): E

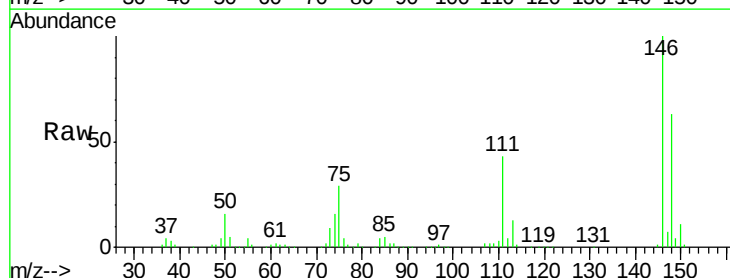
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 39.853 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.02 min
 Lab File: BF121294.D
 Acq: 14 Aug 2020 19:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.8	76.2
111	42.7	34.2	51.4

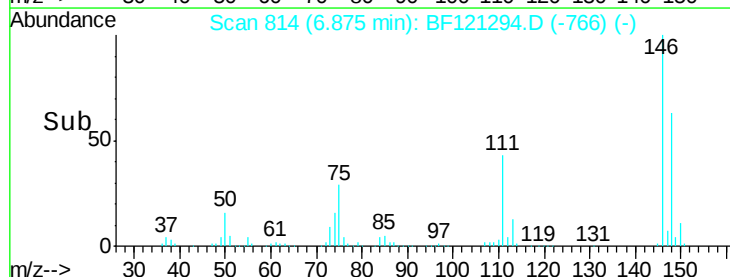
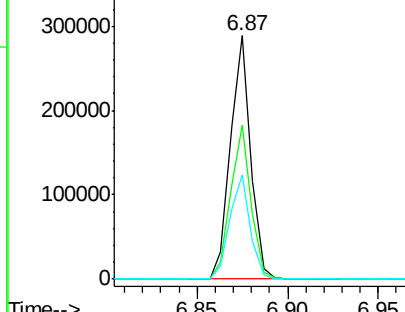


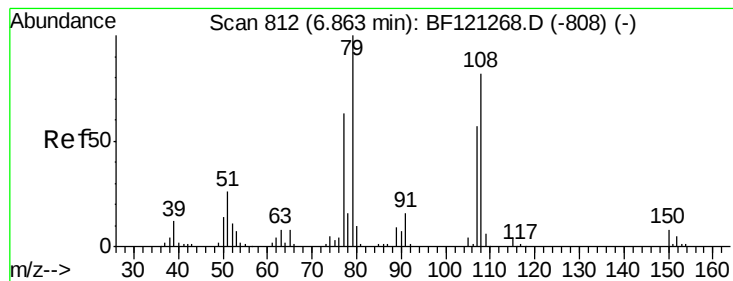
Abundance

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: 40.894 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF121294.D

Acq: 14 Aug 2020 19:52

Instrument :

BNA_F

ClientSampleId :

TP-6-4-9FTMSD

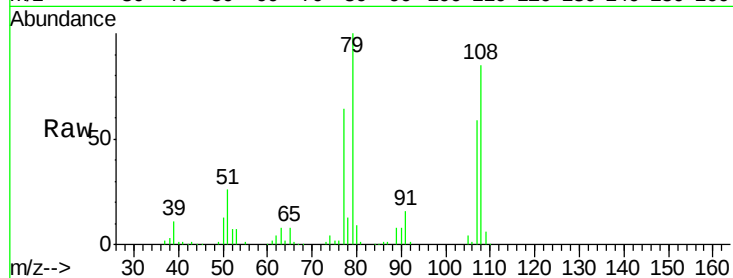
Tot Ion: 79 Resp: 180019

Ion Ratio Lower Upper

79 100

108 84.8 67.4 101.0

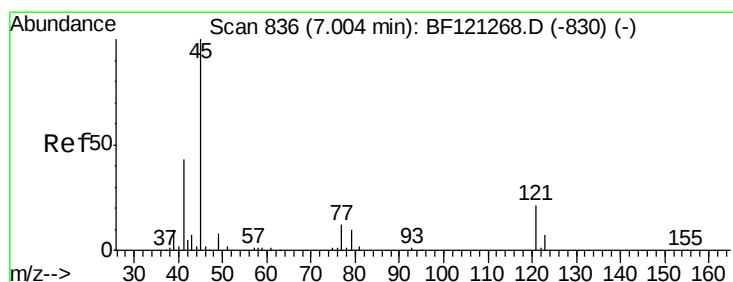
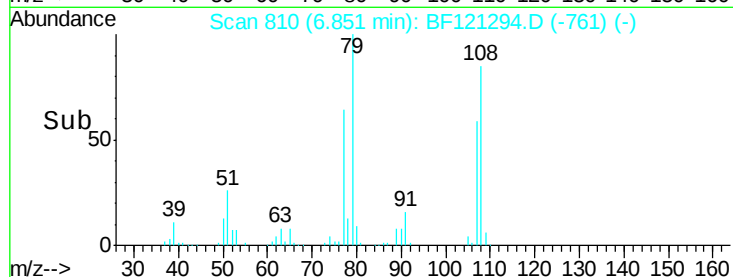
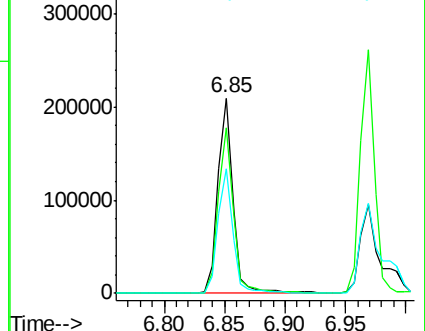
77 63.6 51.3 76.9



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.626 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.02 min

Lab File: BF121294.D

Acq: 14 Aug 2020 19:52

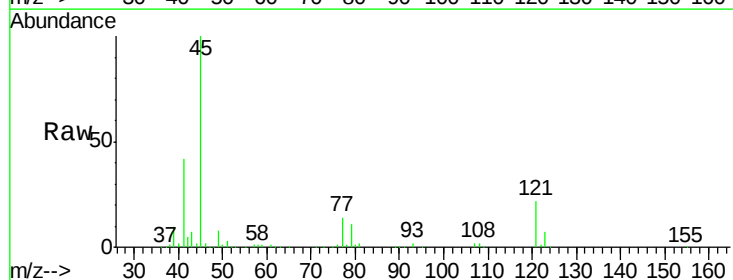
Tgt Ion: 45 Resp: 301024

Ion Ratio Lower Upper

45 100

77 14.2 0.0 35.1

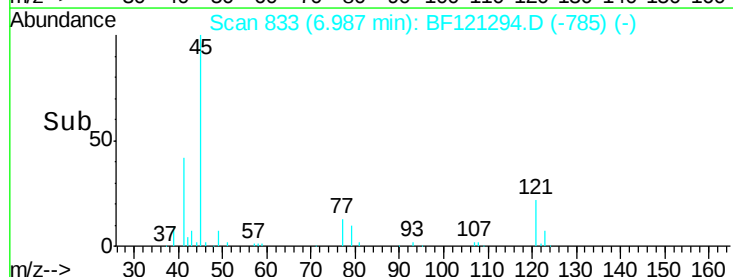
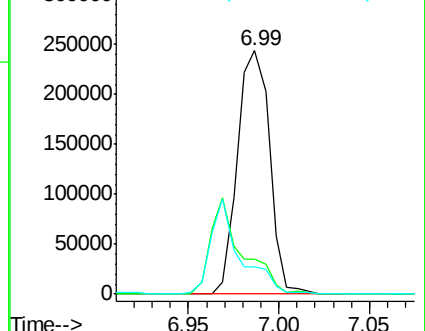
79 11.0 0.0 32.0

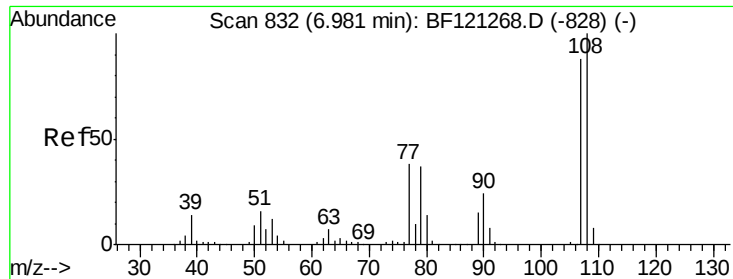


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

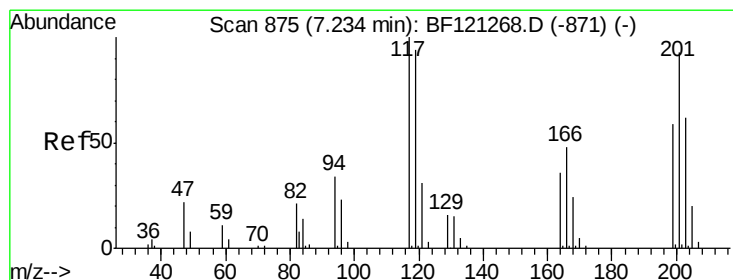
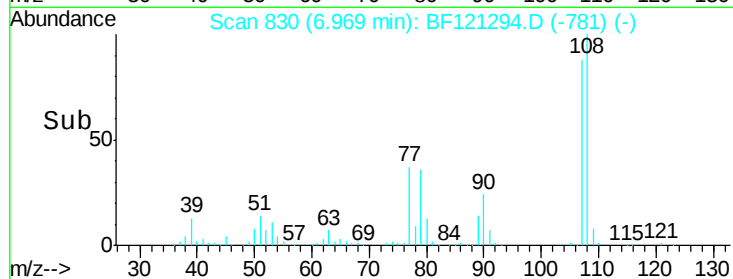
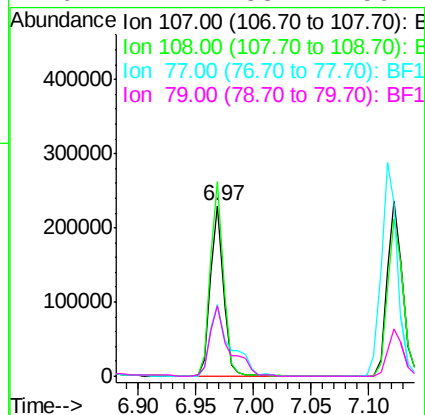
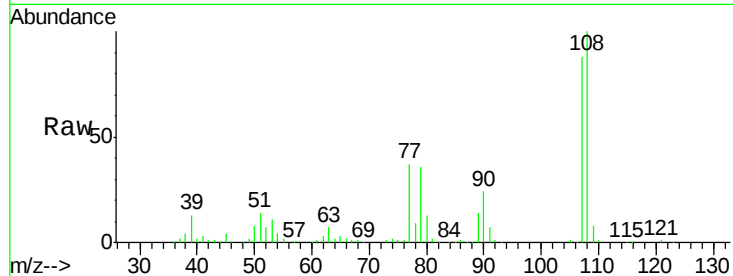




#17
2-Methylphenol
Concen: 41.562 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF121294.D
Acq: 14 Aug 2020 19:52

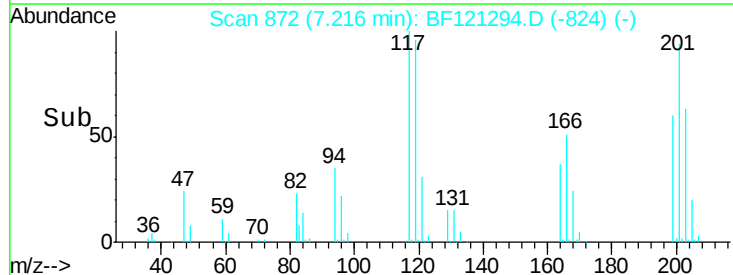
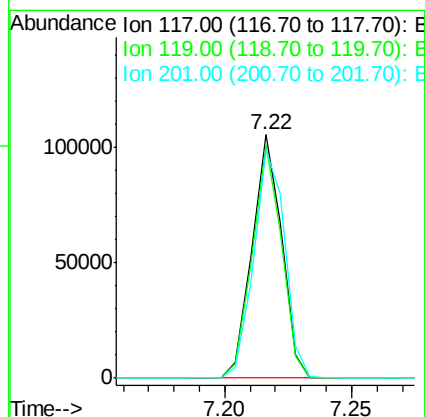
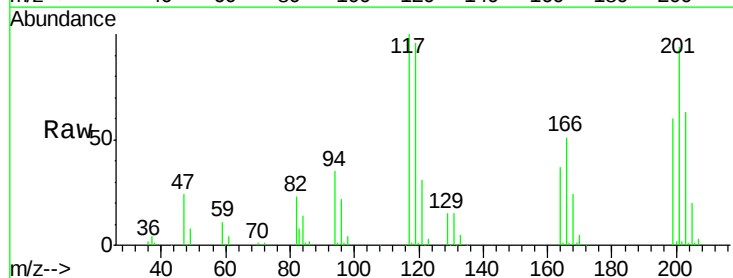
Instrument :
BNA_F
ClientSampleId :
TP-6-4-9FTMSD

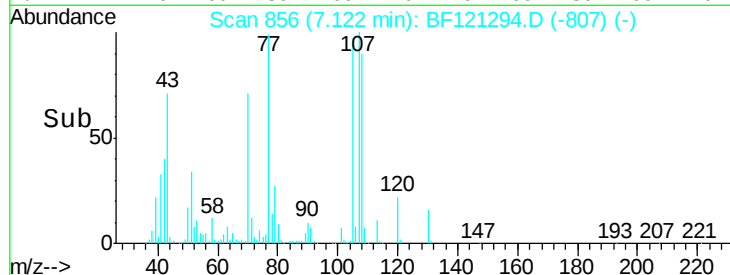
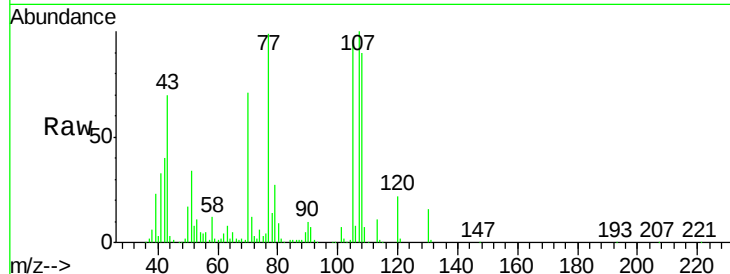
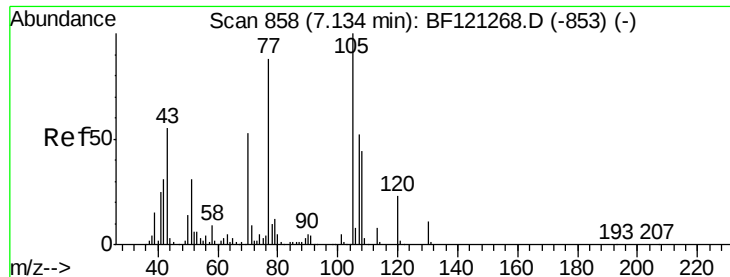
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.6	92.6	138.8
77	42.1	35.0	52.6
79	41.4	33.4	50.2



#18
Hexachloroethane
Concen: 40.551 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF121294.D
Acq: 14 Aug 2020 19:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	76.2	114.2
201	93.6	74.8	112.2

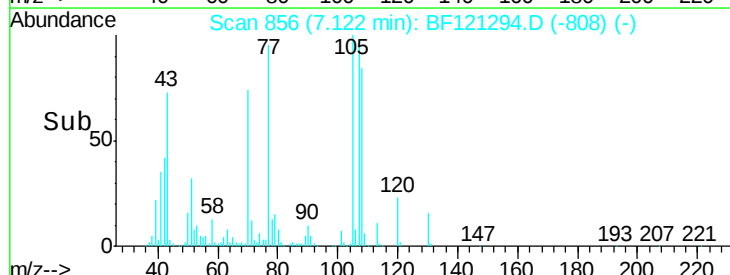
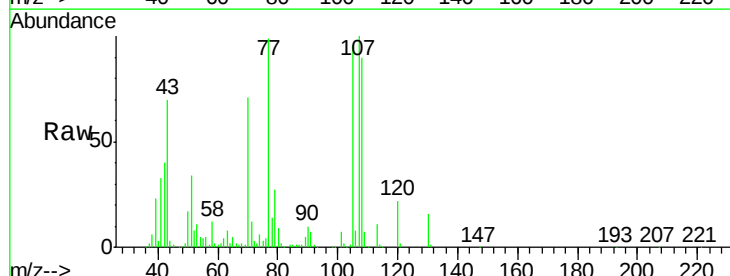
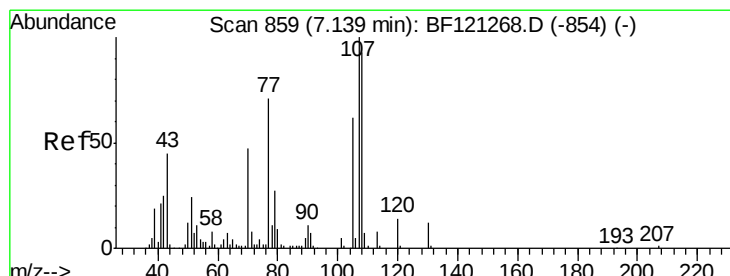
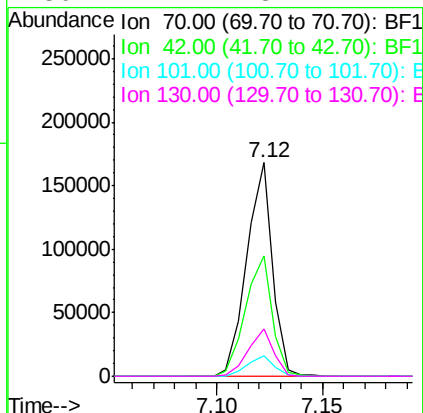




#19
n-Nitroso-di-n-propylamine
Concen: 38.867 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF121294.D
Acq: 14 Aug 2020 19:52

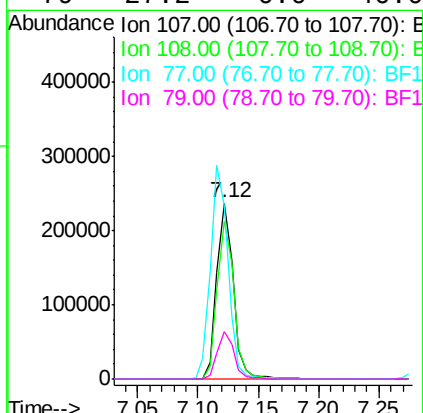
Instrument :
BNA_F
ClientSampleId :
TP-6-4-9FTMSD

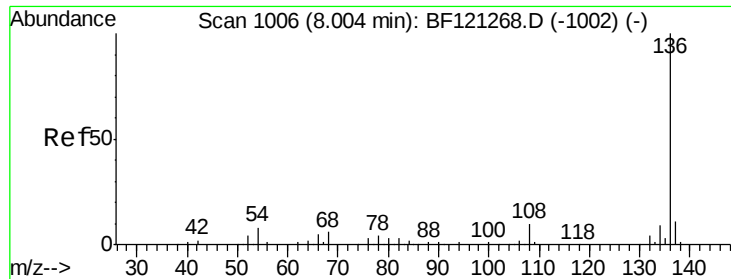
Tot Ion:	70	Resp:	141913
Ion	Ratio	Lower	Upper
70	100		
42	56.3	45.6	68.4
101	9.7	7.8	11.8
130	22.1	18.2	27.2



#20
3+4-Methylphenols
Concen: 39.847 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.02 min
Lab File: BF121294.D
Acq: 14 Aug 2020 19:52

Tgt Ion:	107	Resp:	223933
Ion	Ratio	Lower	Upper
107	100		
108	89.7	66.5	106.5
77	98.7	94.4	134.4
79	27.2	6.0	46.0

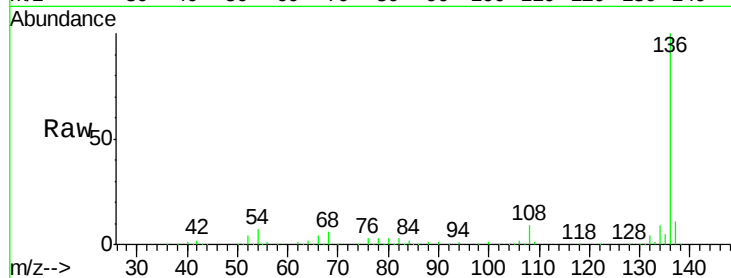




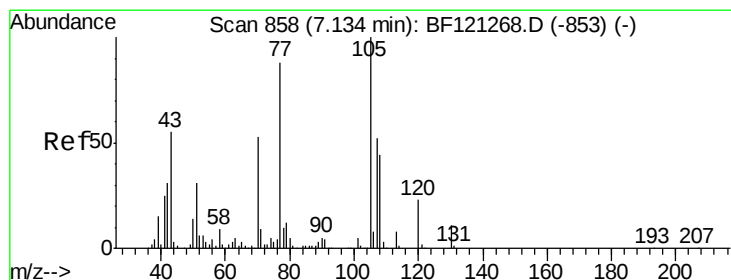
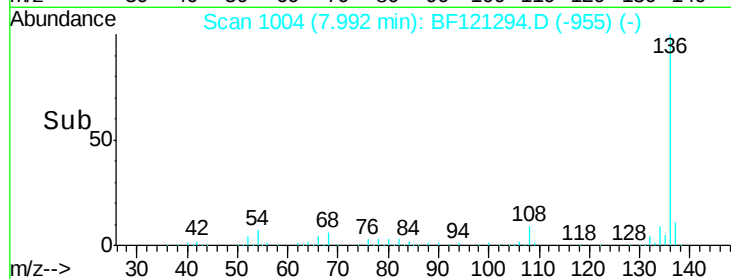
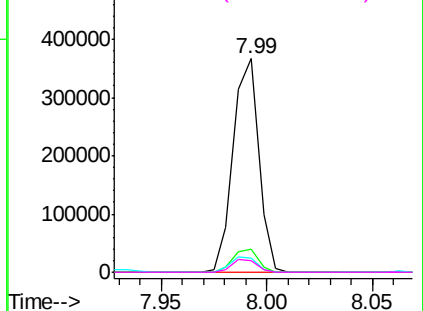
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF121294.D
Acq: 14 Aug 2020 19:52

Instrument :
BNA_F
ClientSampleId :
TP-6-4-9FTMSD

Tot Ion:136	Resp:	307672
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.6 13.0
54	6.6	5.3 7.9
68	5.7	4.2 6.2

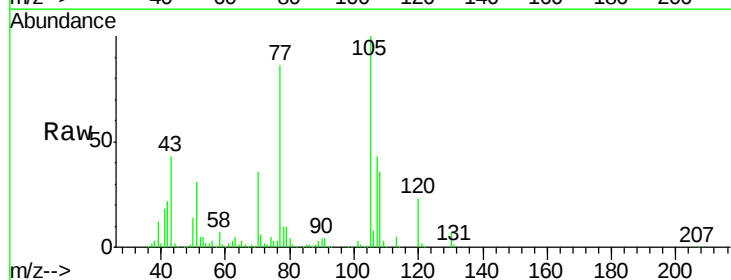


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

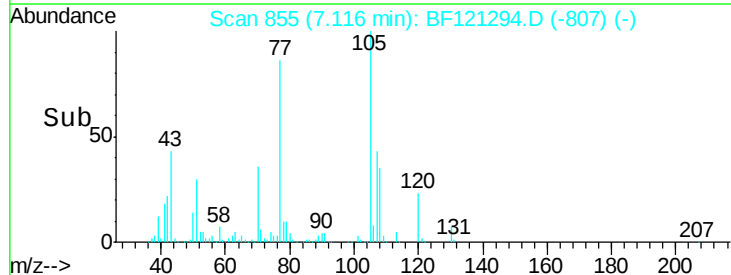
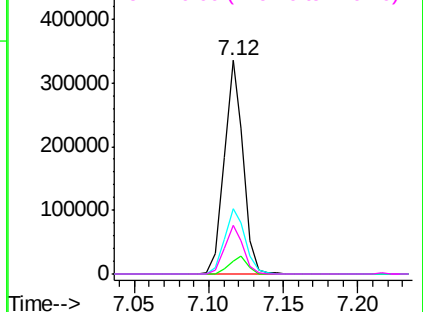


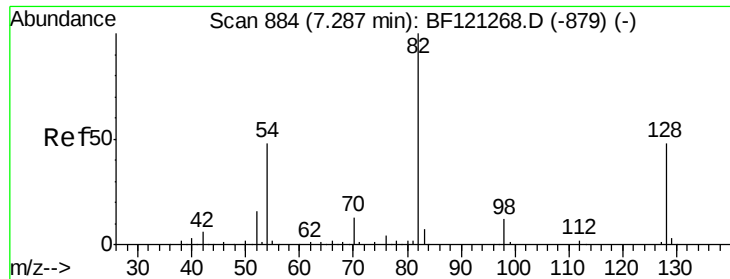
#22
Acetophenone
Concen: 37.656 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.02 min
Lab File: BF121294.D
Acq: 14 Aug 2020 19:52

Tgt Ion:105	Resp:	298404
Ion Ratio	Lower	Upper
105	100	
71	6.0	4.6 7.0
51	30.5	24.2 36.2
120	22.5	17.8 26.6



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

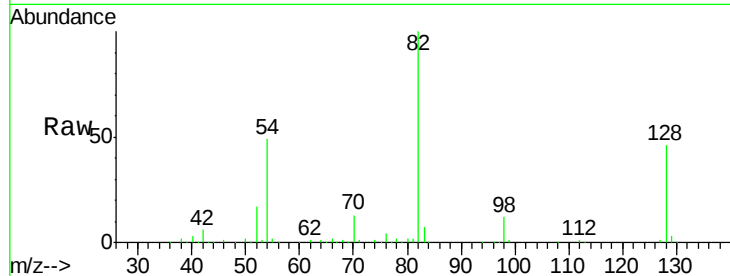




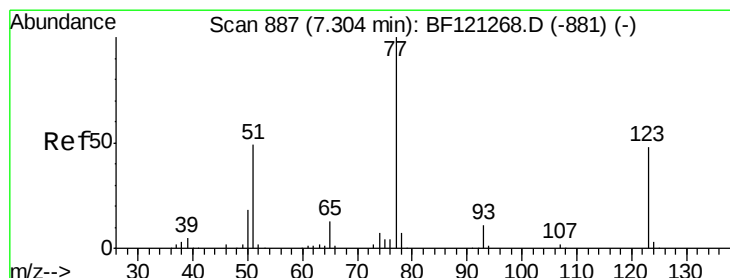
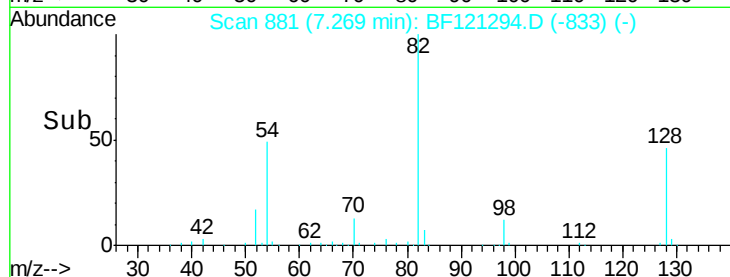
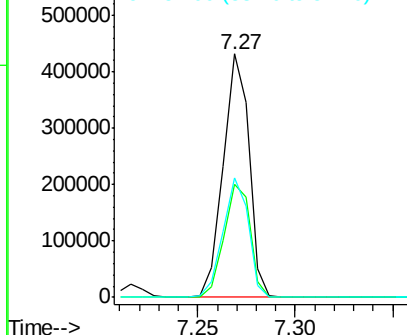
#23
 Nitrobenzene-d5
 Concen: 70.408 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF121294.D
 Acq: 14 Aug 2020 19:52

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-4-9FTMSD

Tot Ion	82	Resp	396364
Ion Ratio	100	Lower	Upper
128	46.3	39.8	59.8
54	49.1	37.7	56.5

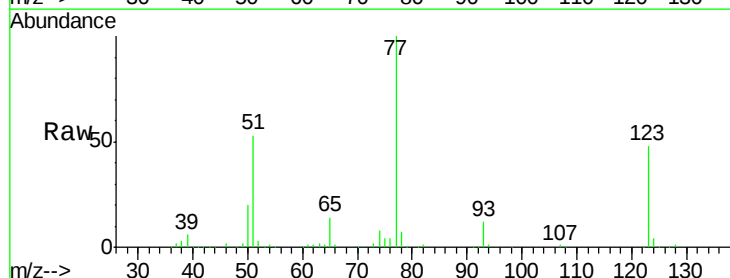


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

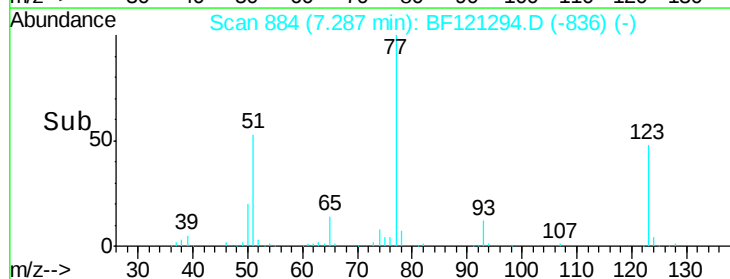
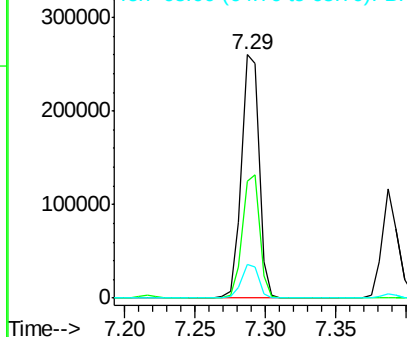


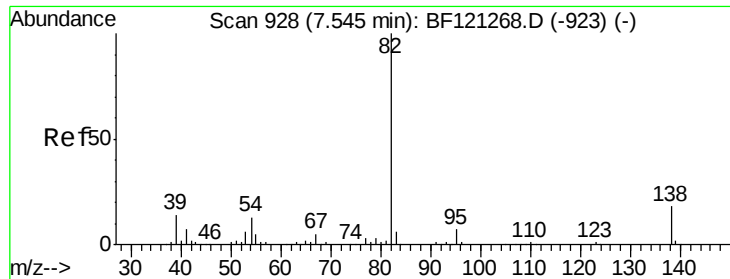
#24
 Nitrobenzene
 Concen: 37.451 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.02 min
 Lab File: BF121294.D
 Acq: 14 Aug 2020 19:52

Tgt Ion	77	Resp	228768
Ion Ratio	100	Lower	Upper
123	48.1	42.0	63.0
65	13.8	10.4	15.6



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: 37.044 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.02 min

Lab File: BF121294.D

Acq: 14 Aug 2020 19:52

Instrument :

BNA_F

ClientSampleId :

TP-6-4-9FTMSD

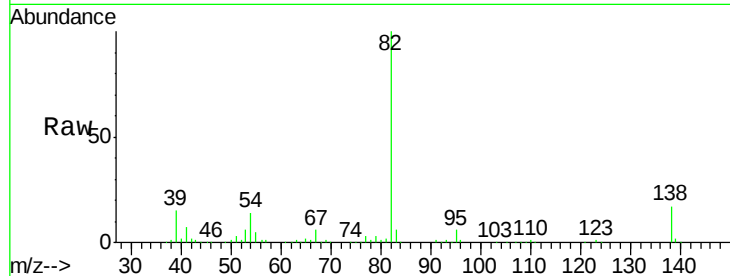
Tot Ion: 82 Resp: 418696

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

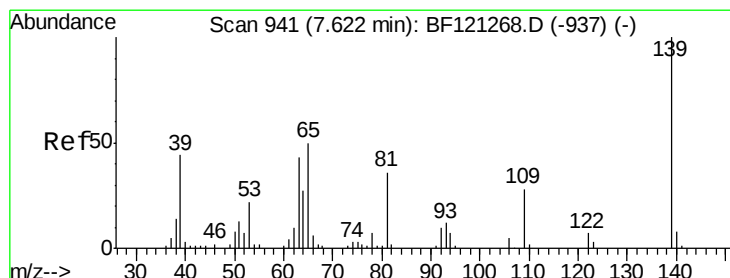
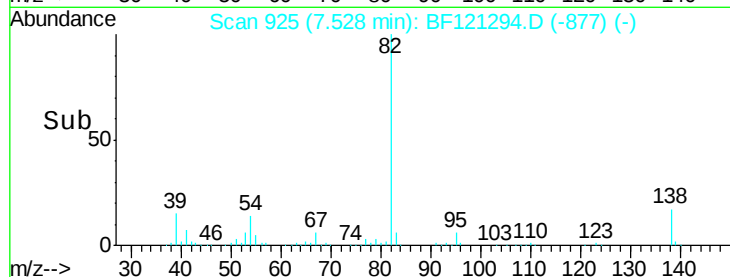
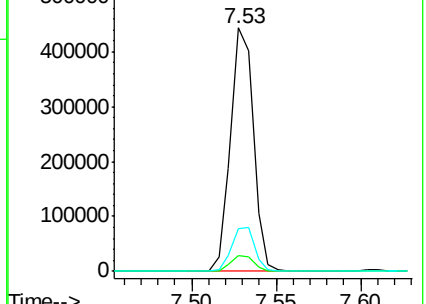
138 17.3 16.0 24.0



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: 40.515 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF121294.D

Acq: 14 Aug 2020 19:52

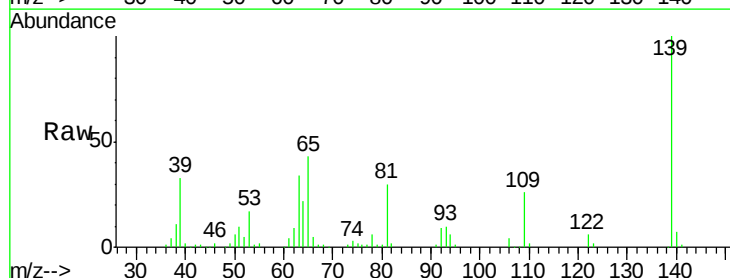
Tgt Ion: 139 Resp: 119914

Ion Ratio Lower Upper

139 100

109 26.4 20.6 31.0

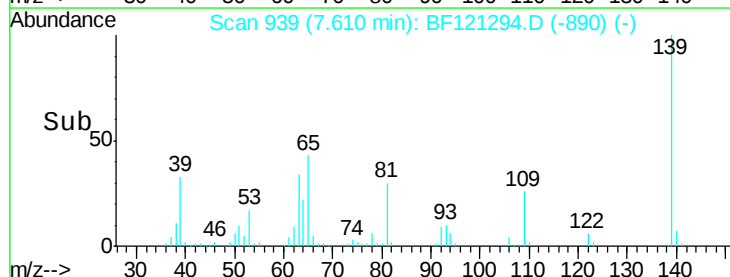
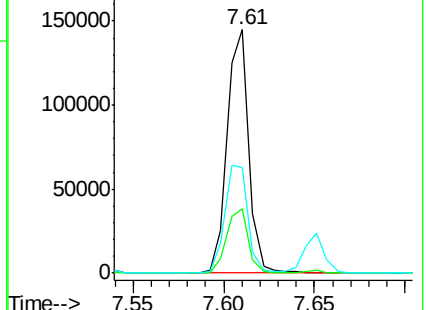
65 43.1 35.1 52.7

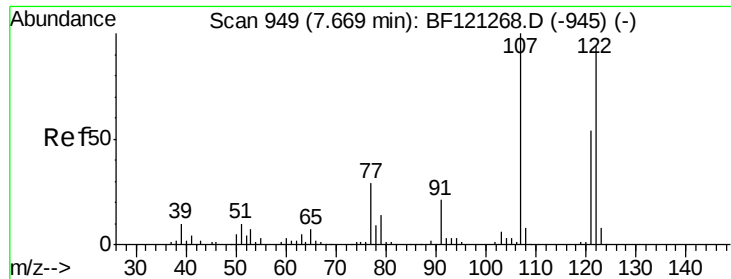


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 42.537 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.02 min

Lab File: BF121294.D

Acq: 14 Aug 2020 19:52

Instrument :

BNA_F

ClientSampleId :

TP-6-4-9FTMSD

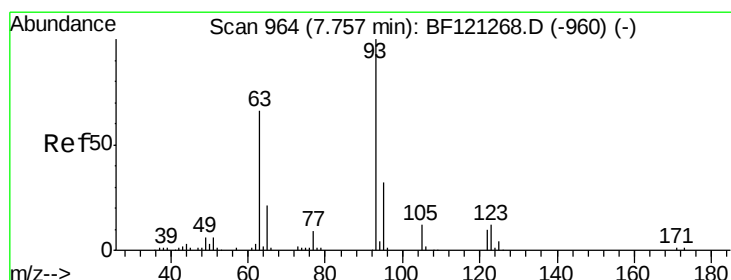
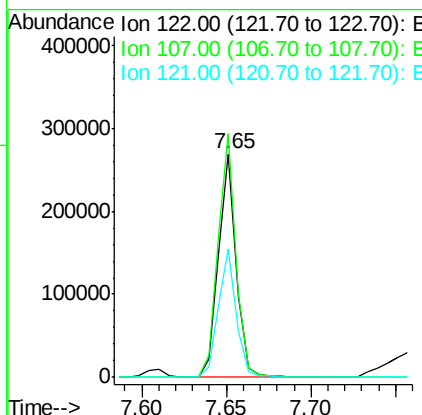
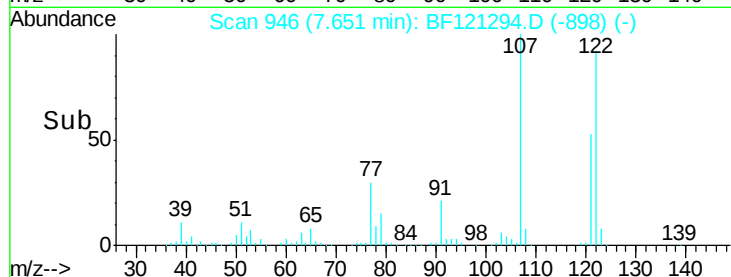
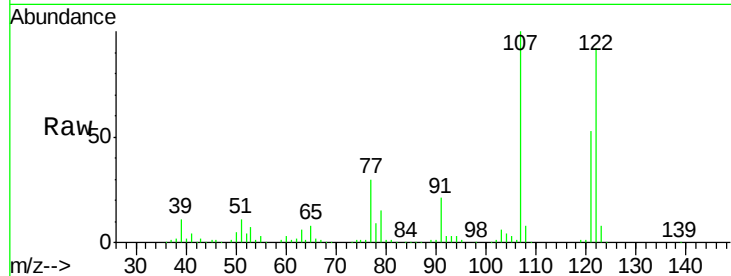
Tot Ion:122 Resp: 201718

Ion Ratio Lower Upper

122 100

107 108.8 89.0 133.4

121 57.2 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 41.776 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF121294.D

Acq: 14 Aug 2020 19:52

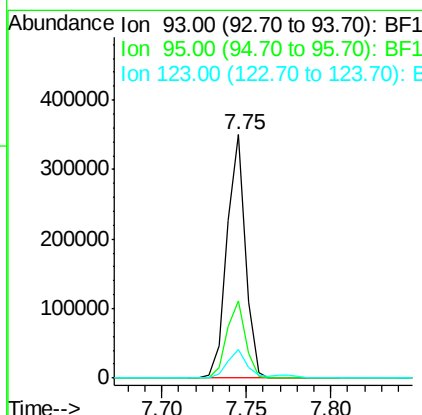
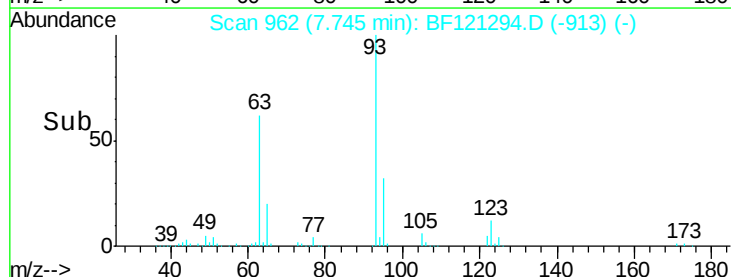
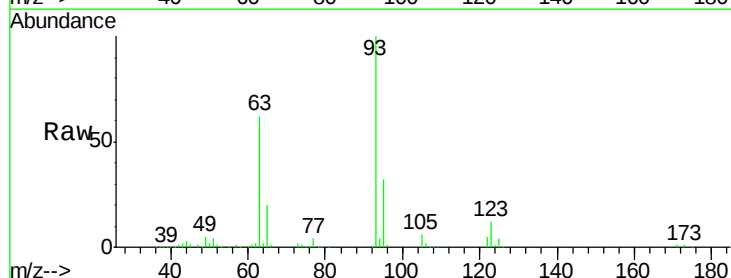
Tgt Ion: 93 Resp: 264104

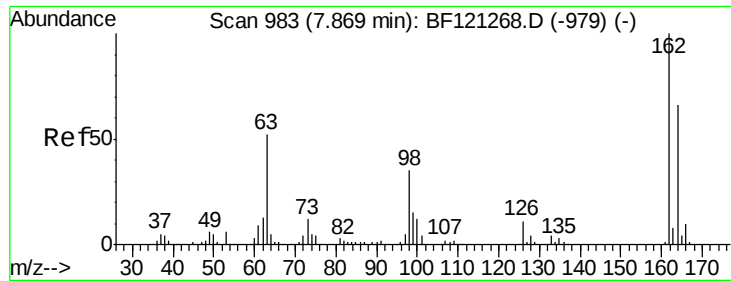
Ion Ratio Lower Upper

93 100

95 31.7 26.0 39.0

123 11.9 9.6 14.4

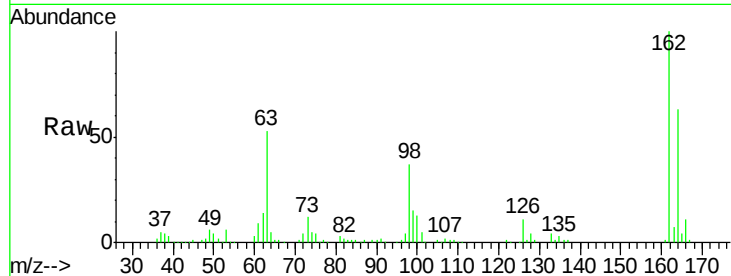




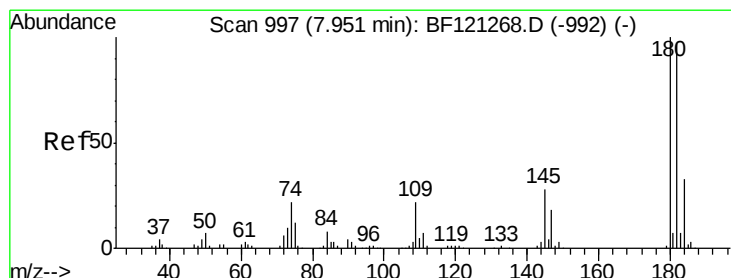
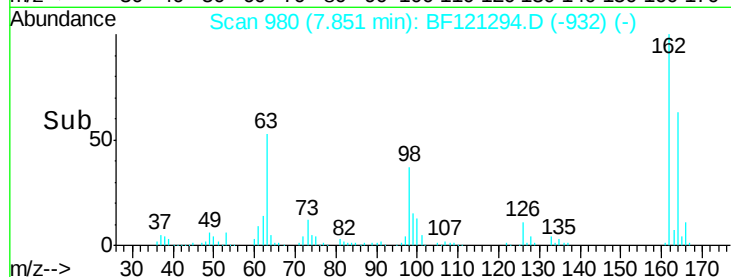
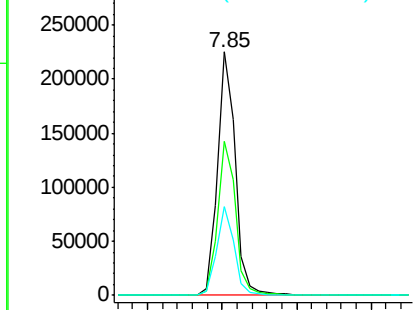
#29
 2,4-Dichlorophenol
 Concen: 38.940 ng
 RT: 7.85 min Scan# 980
 Delta R.T. -0.02 min
 Lab File: BF121294.D
 Acq: 14 Aug 2020 19:52

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-4-9FTMSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	43.4	83.4
98	36.7	18.1	58.1

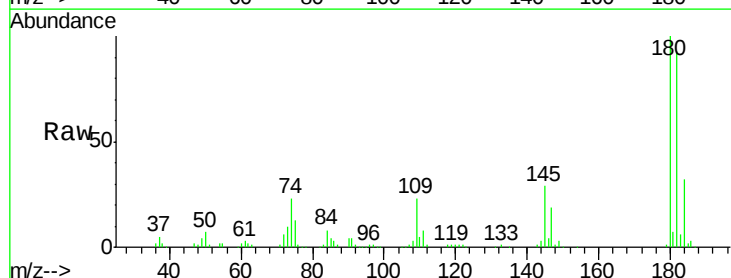


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

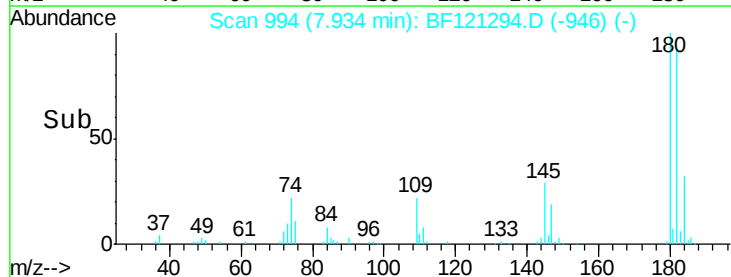
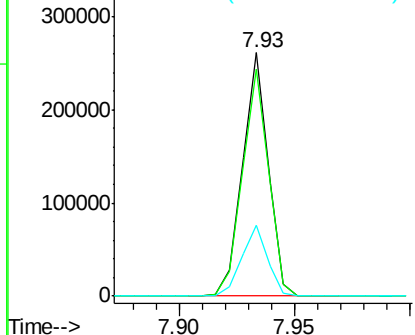


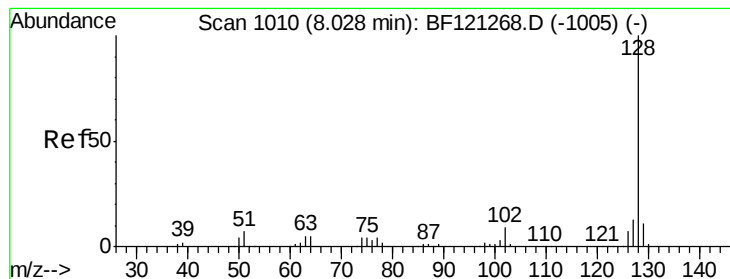
#30
 1,2,4-Trichlorobenzene
 Concen: 37.861 ng
 RT: 7.93 min Scan# 994
 Delta R.T. -0.02 min
 Lab File: BF121294.D
 Acq: 14 Aug 2020 19:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	76.3	114.5
145	28.9	23.6	35.4



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: 37.565 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.02 min

Lab File: BF121294.D

Acq: 14 Aug 2020 19:52

Instrument :

BNA_F

ClientSampleId :

TP-6-4-9FTMSD

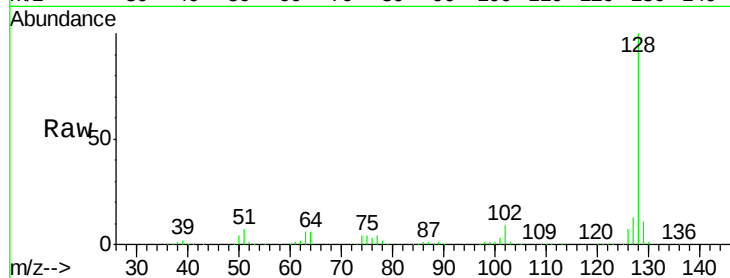
Tot Ion:128 Resp: 650236

Ion Ratio Lower Upper

128 100

129 11.5 9.3 13.9

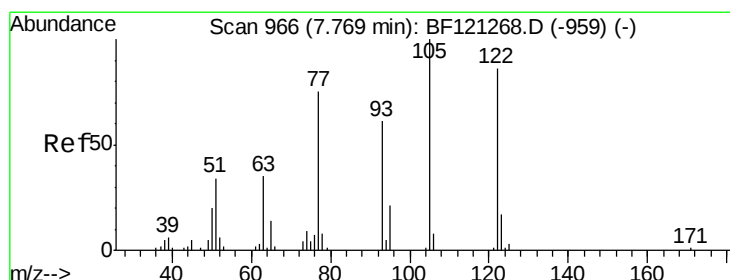
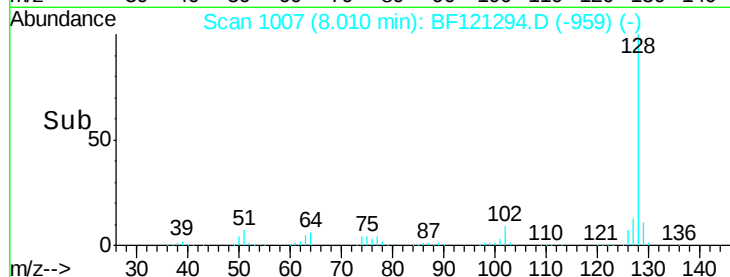
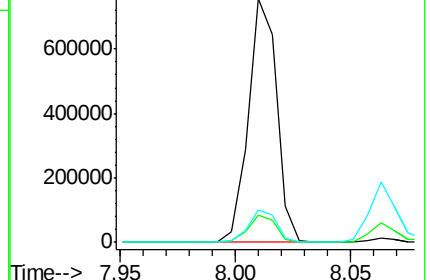
127 13.3 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.698 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.01 min

Lab File: BF121294.D

Acq: 14 Aug 2020 19:52

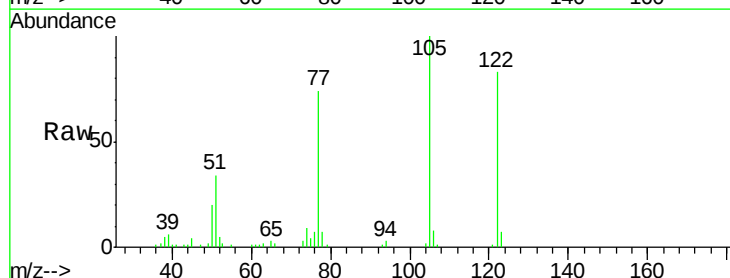
Tgt Ion:122 Resp: 106569

Ion Ratio Lower Upper

122 100

105 119.8 101.3 141.3

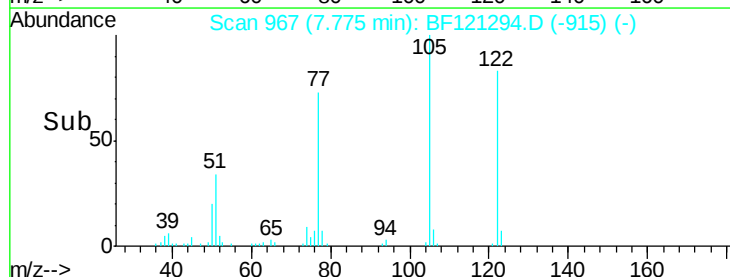
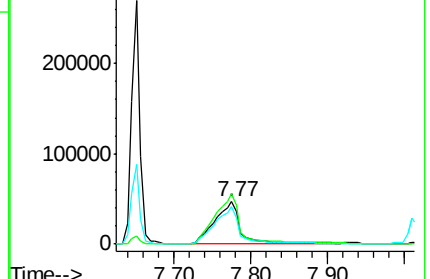
77 88.5 68.5 108.5

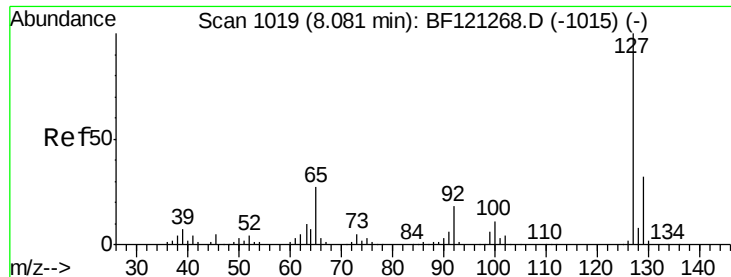


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

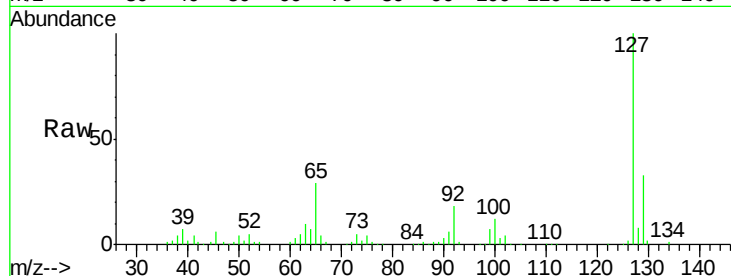




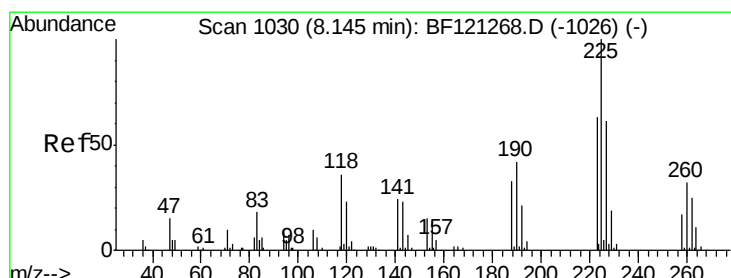
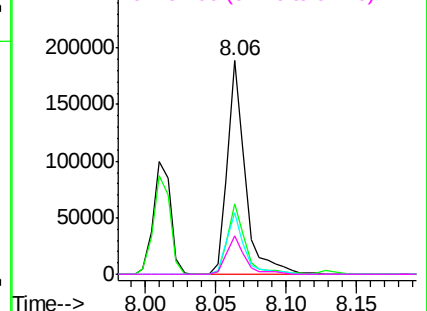
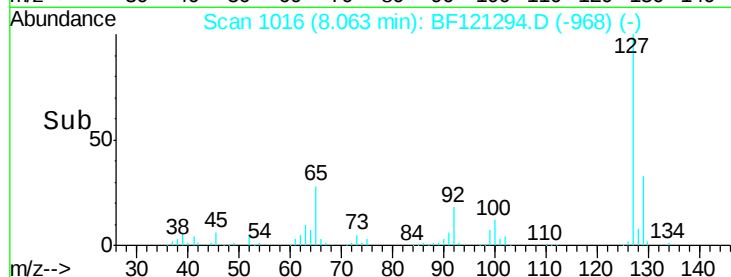
#33
4-Chloroaniline
Concen: 23.823 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.02 min
Lab File: BF121294.D
Acq: 14 Aug 2020 19:52

Instrument :
BNA_F
ClientSampleId :
TP-6-4-9FTMSD

Tot Ion:	127	Resp:	168284
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.8	38.8
65	28.7	23.5	35.3
92	18.1	14.5	21.7

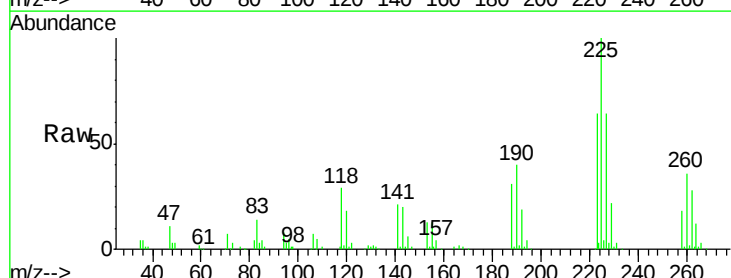


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

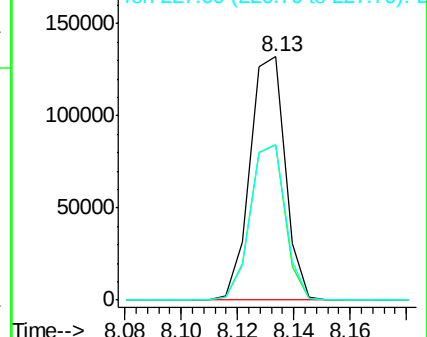
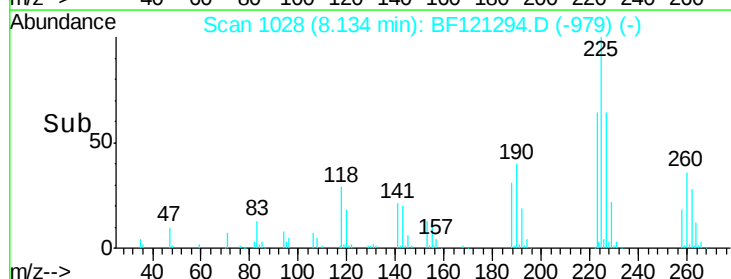


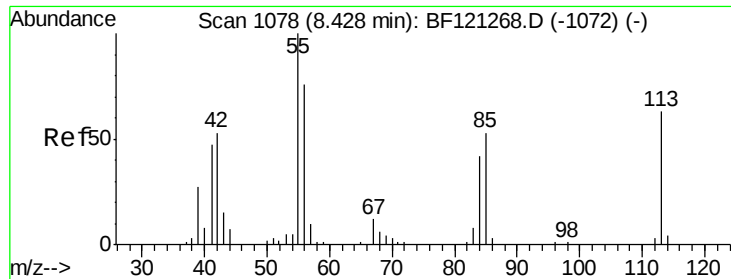
#34
Hexachlorobutadiene
Concen: 35.383 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF121294.D
Acq: 14 Aug 2020 19:52

Tgt Ion:	225	Resp:	114582
Ion	Ratio	Lower	Upper
225	100		
223	63.6	49.8	74.8
227	63.9	51.9	77.9



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

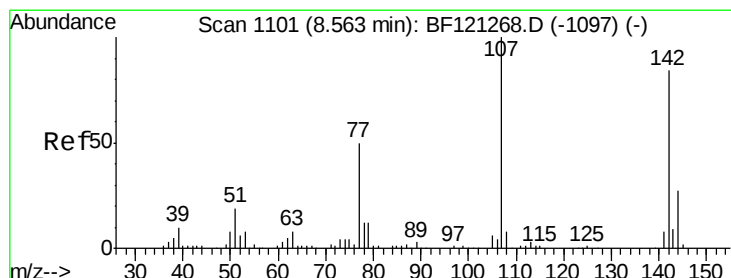
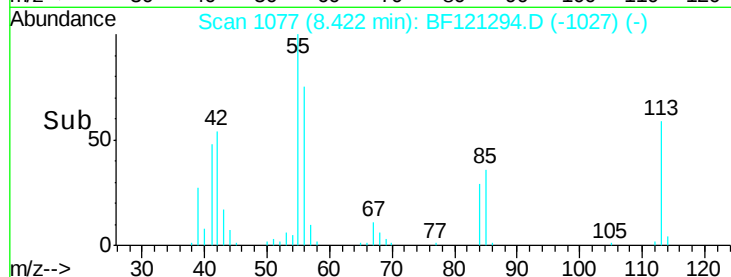
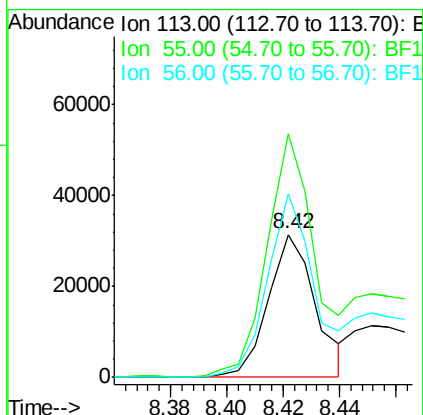
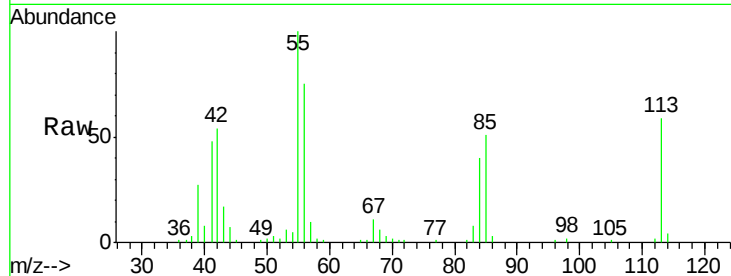




#35
 Caprolactam
 Concen: 24.928 ng
 RT: 8.42 min Scan# 1077
 Delta R.T. -0.01 min
 Lab File: BF121294.D
 Acq: 14 Aug 2020 19:52

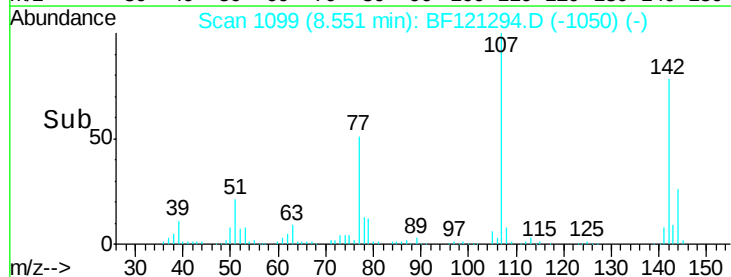
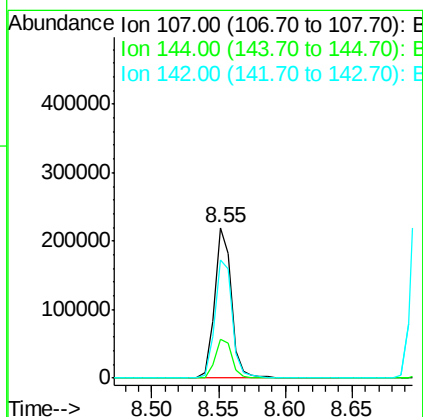
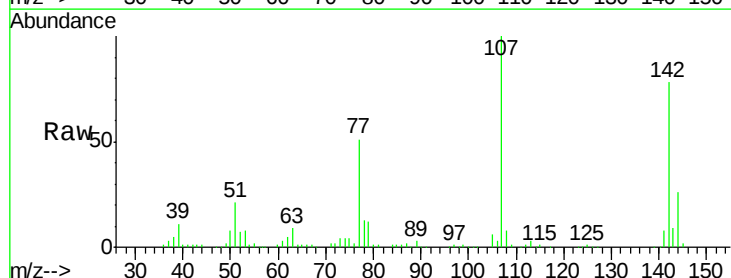
Instrument :
 BNA_F
 ClientSampleId :
 TP-6-4-9FTMSD

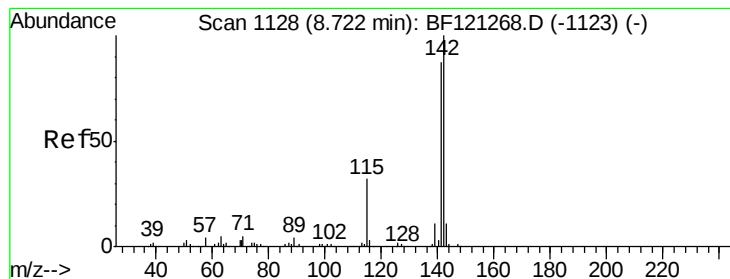
Tot Ion:113 Resp: 36411
 Ion Ratio Lower Upper
 113 100
 55 170.7 151.9 191.9
 56 128.7 106.0 146.0



#36
 4-Chloro-3-methylphenol
 Concen: 39.679 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. -0.01 min
 Lab File: BF121294.D
 Acq: 14 Aug 2020 19:52

Tgt Ion:107 Resp: 196314
 Ion Ratio Lower Upper
 107 100
 144 25.7 20.4 30.6
 142 78.2 63.5 95.3





#37

2-Methylnaphthalene

Concen: 38.192 ng

RT: 8.70 min Scan# 1125

Delta R.T. -0.02 min

Lab File: BF121294.D

Acq: 14 Aug 2020 19:52

Instrument :

BNA_F

ClientSampleId :

TP-6-4-9FTMSD

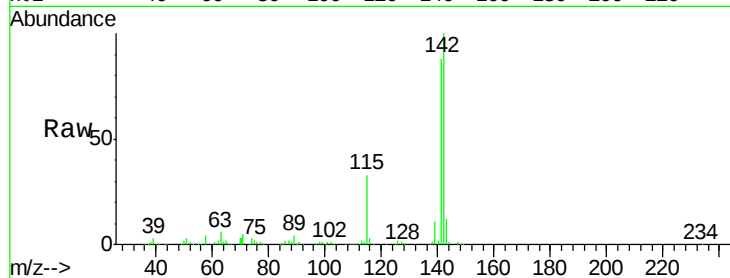
Tot Ion:142 Resp: 435027

Ion Ratio Lower Upper

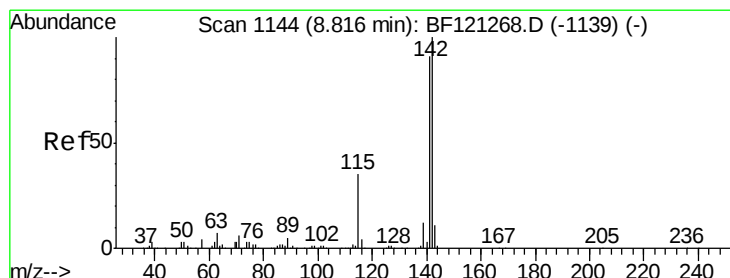
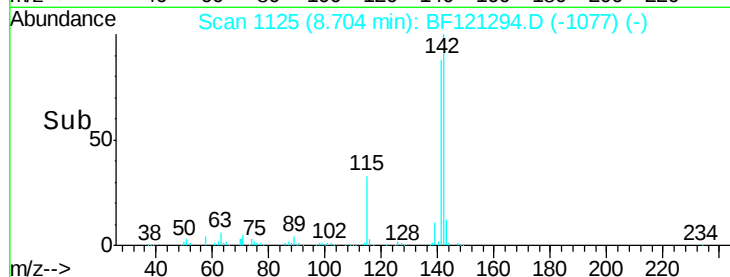
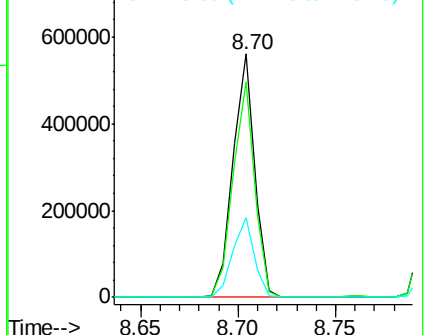
142 100

141 88.4 71.3 106.9

115 33.0 25.9 38.9



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: 38.314 ng

RT: 8.80 min Scan# 1142

Delta R.T. -0.01 min

Lab File: BF121294.D

Acq: 14 Aug 2020 19:52

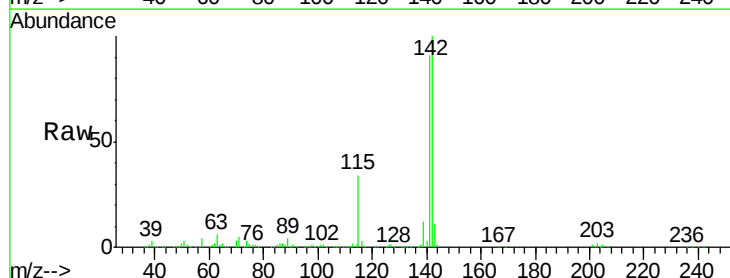
Tgt Ion:142 Resp: 413213

Ion Ratio Lower Upper

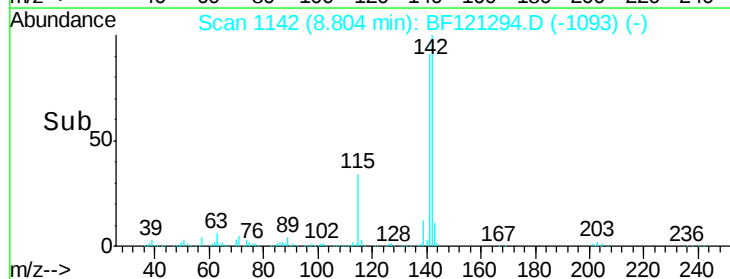
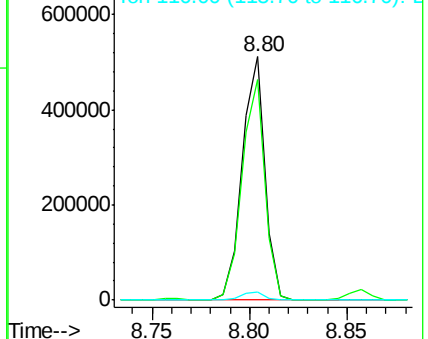
142 100

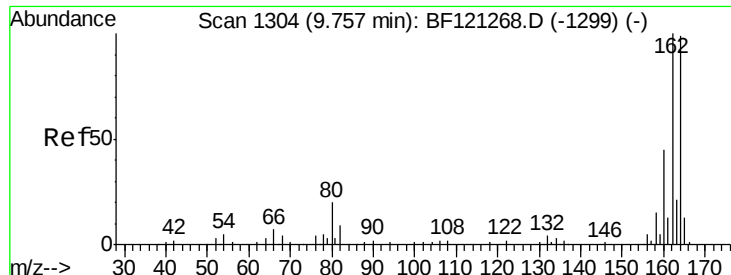
141 90.8 73.0 109.4

116 3.5 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: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF121294.D

Acq: 14 Aug 2020 19:52

Instrument :

BNA_F

ClientSampleId :

TP-6-4-9FTMSD

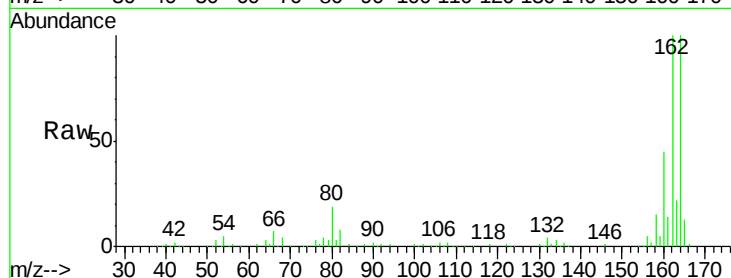
Tot Ion:164 Resp: 163080

Ion Ratio Lower Upper

164 100

162 100.5 81.2 121.8

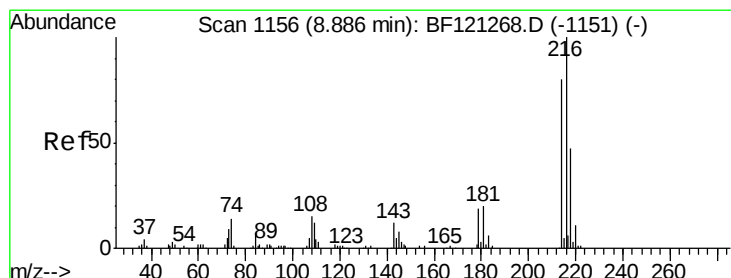
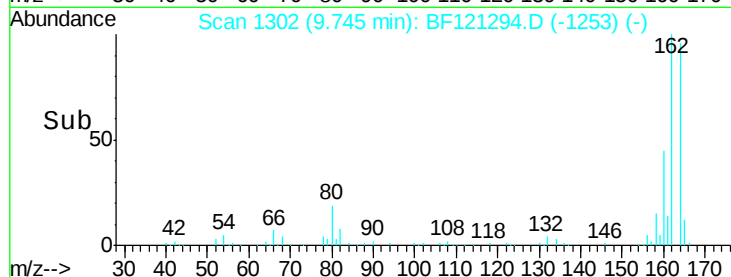
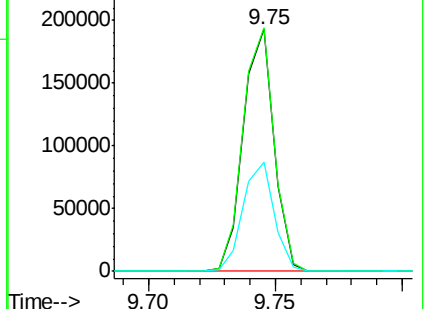
160 45.3 36.9 55.3



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: 37.176 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.02 min

Lab File: BF121294.D

Acq: 14 Aug 2020 19:52

Tgt Ion:216 Resp: 203143

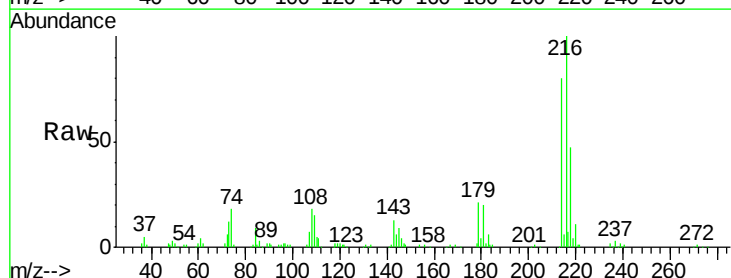
Ion Ratio Lower Upper

216 100

214 79.7 63.7 95.5

179 20.4 16.1 24.1

108 18.9 14.3 21.5

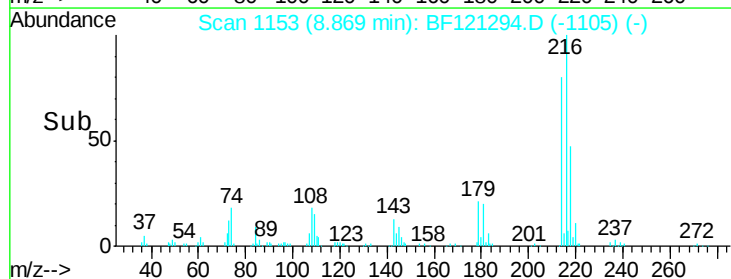
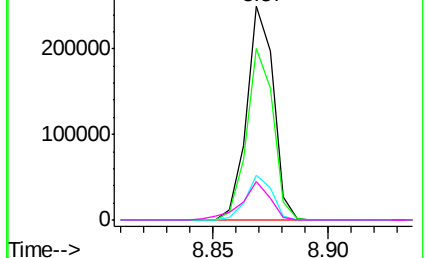


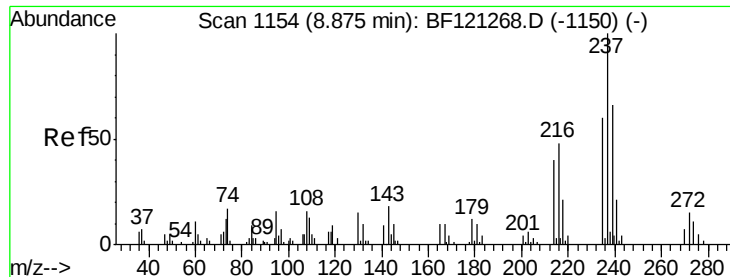
Abundance Ion 216.00 (215.70 to 216.70): E

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: 67.543 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.02 min

Lab File: BF121294.D

Acq: 14 Aug 2020 19:52

Instrument :

BNA_F

ClientSampleId :

TP-6-4-9FTMSD

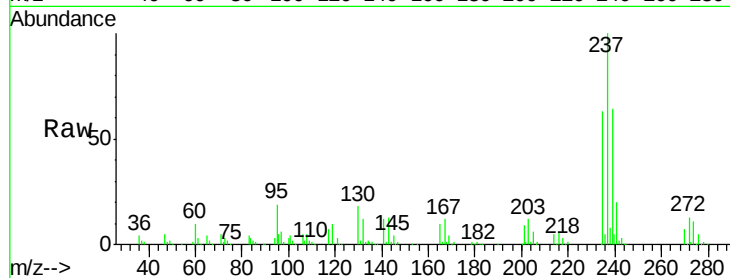
Tot Ion:237 Resp: 143225

Ion Ratio Lower Upper

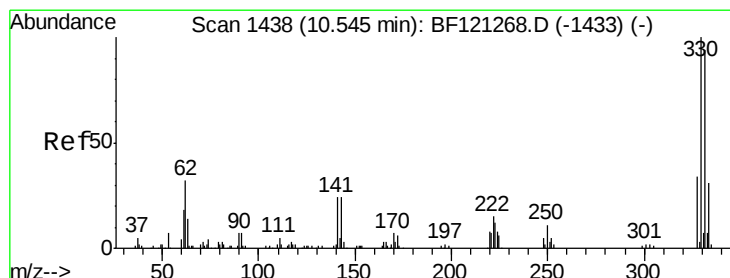
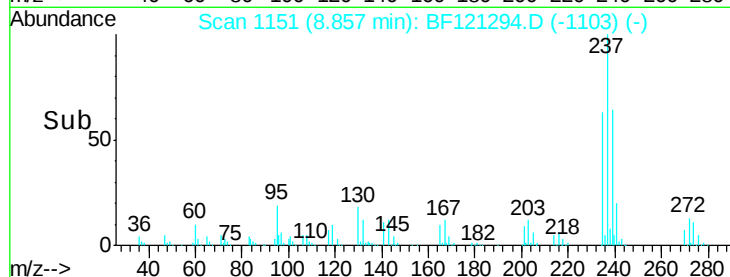
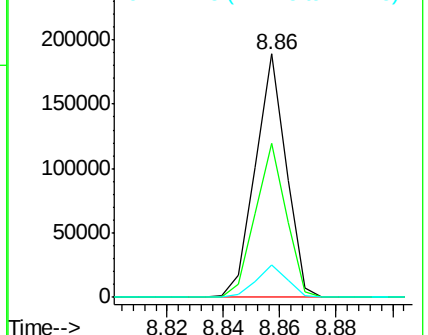
237 100

235 63.3 41.8 81.8

272 13.4 0.0 34.3



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: 98.405 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BF121294.D

Acq: 14 Aug 2020 19:52

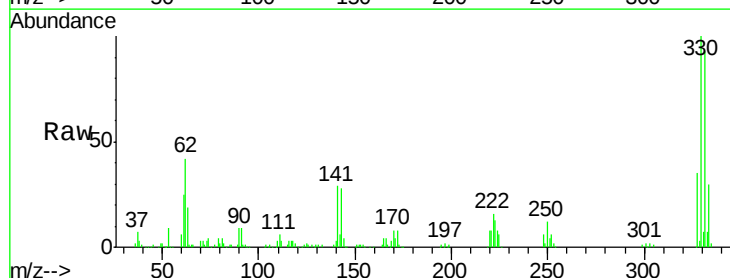
Tgt Ion:330 Resp: 197582

Ion Ratio Lower Upper

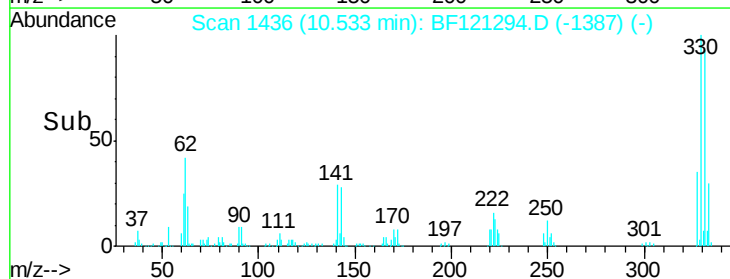
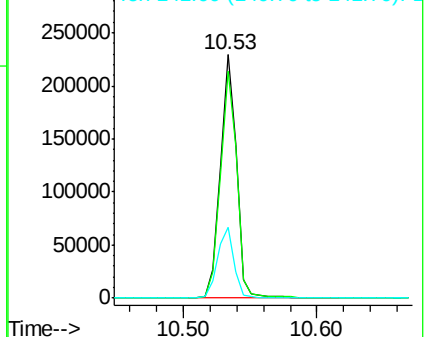
330 100

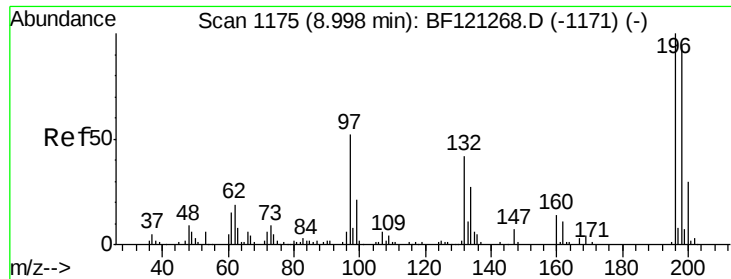
332 94.9 75.4 113.0

141 29.5 23.4 35.2



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

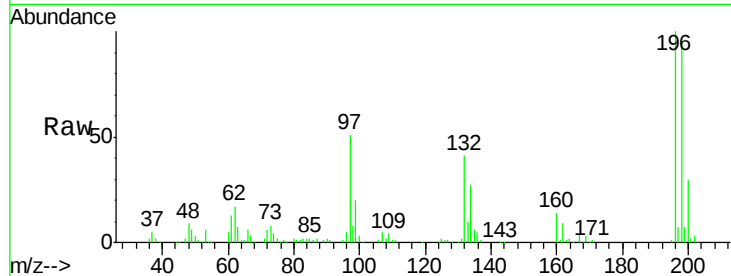




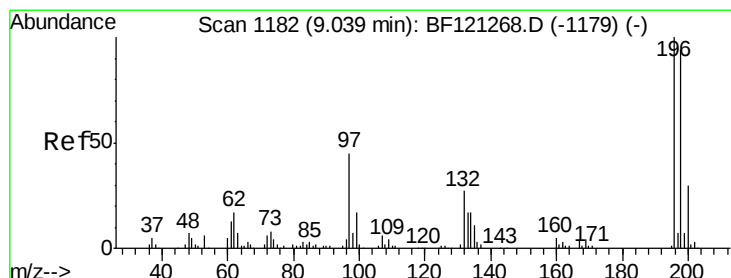
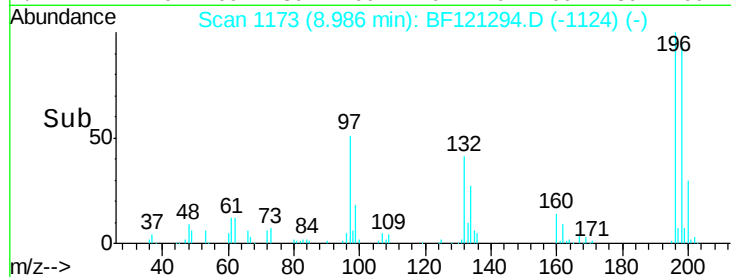
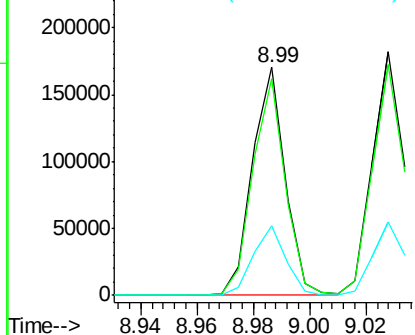
#43
 2,4,6-Trichlorophenol
 Concen: 39.557 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF121294.D
 Acq: 14 Aug 2020 19:52

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-4-9FTMSD

Tot Ion:196	Resp:	137468
Ion Ratio	Lower	Upper
196	100	
198	94.9	76.3 114.5
200	30.4	24.4 36.6

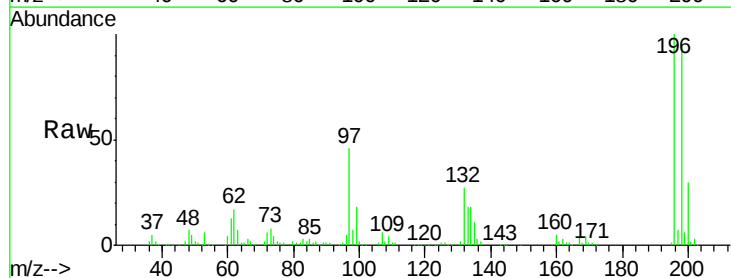


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

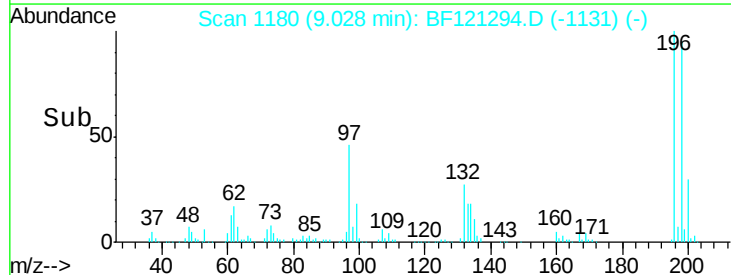
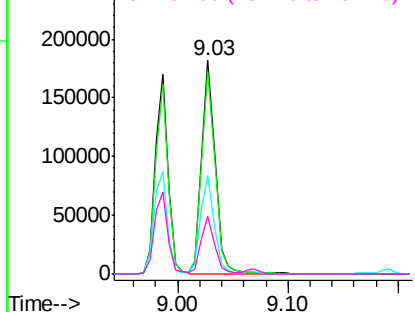


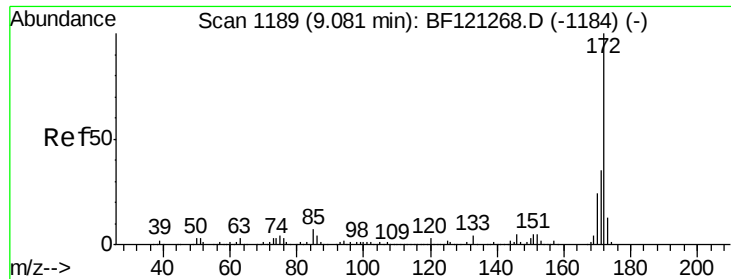
#44
 2,4,5-Trichlorophenol
 Concen: 39.843 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF121294.D
 Acq: 14 Aug 2020 19:52

Tgt Ion:196	Resp:	150392
Ion Ratio	Lower	Upper
196	100	
198	94.6	77.4 116.2
97	46.2	38.8 58.2
132	27.1	22.6 34.0



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

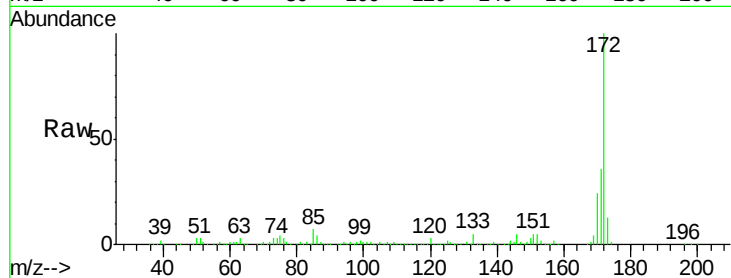




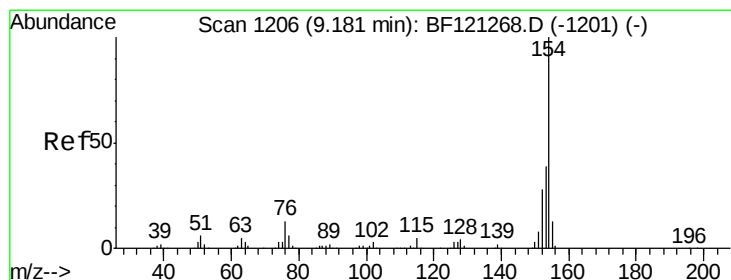
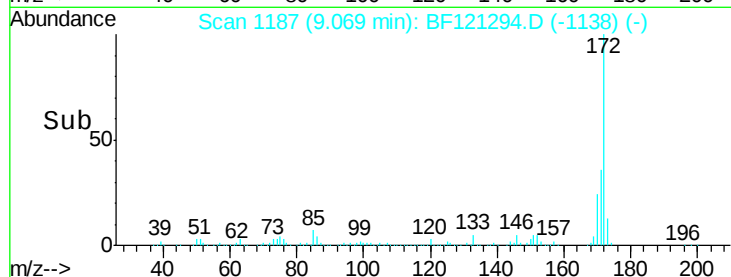
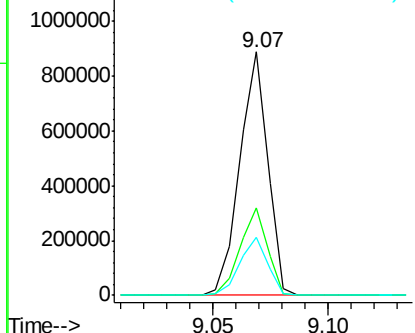
#45
2-Fluorobiphenyl
Concen: 63.710 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF121294.D
Acq: 14 Aug 2020 19:52

Instrument :
BNA_F
ClientSampleId :
TP-6-4-9FTMSD

Tot Ion:172 Resp: 751094
Ion Ratio Lower Upper
172 100
171 35.9 28.3 42.5
170 23.7 19.3 28.9

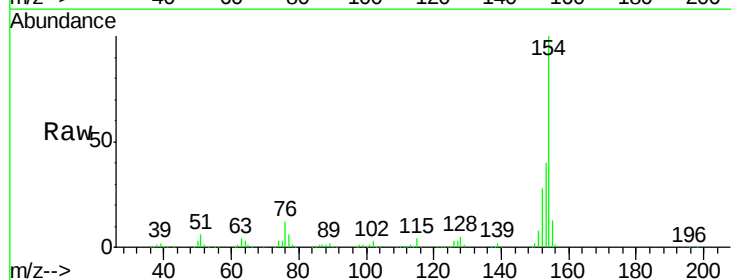


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

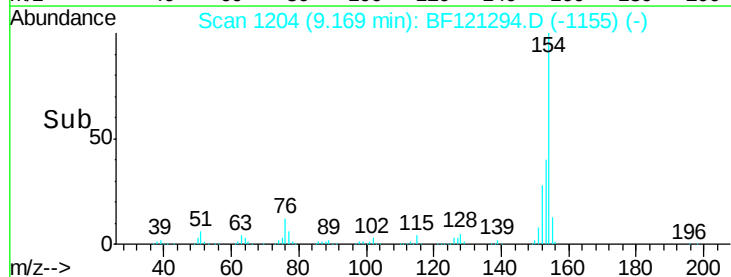
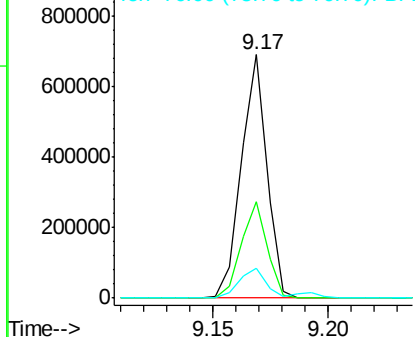


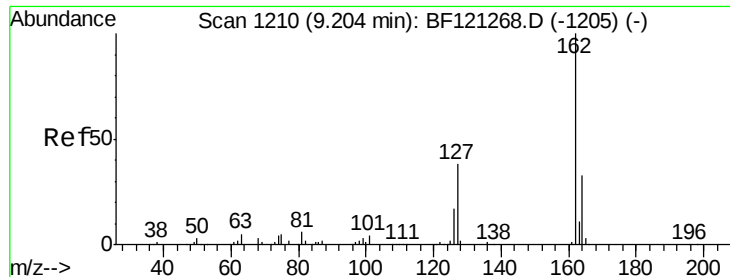
#46
1,1'-Biphenyl
Concen: 37.998 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF121294.D
Acq: 14 Aug 2020 19:52

Tgt Ion:154 Resp: 535435
Ion Ratio Lower Upper
154 100
153 39.7 20.4 60.4
76 12.0 0.0 33.6



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

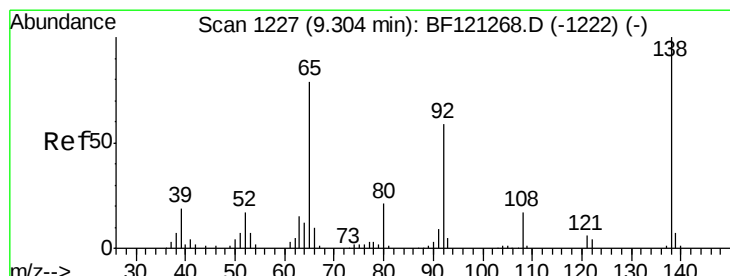
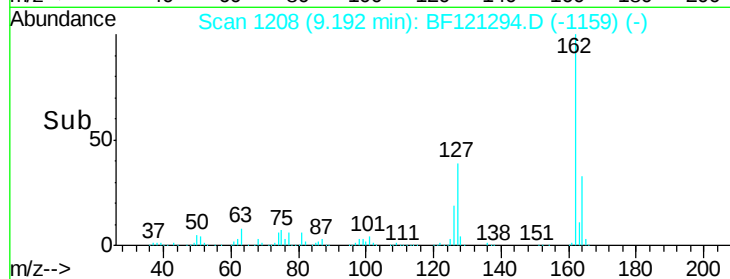
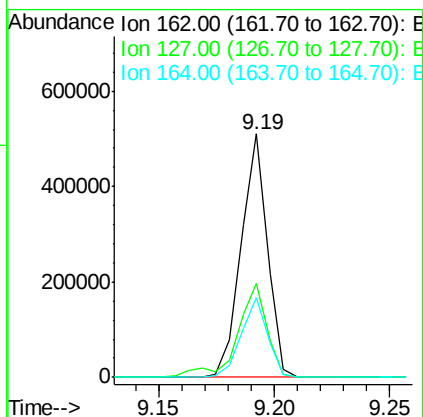
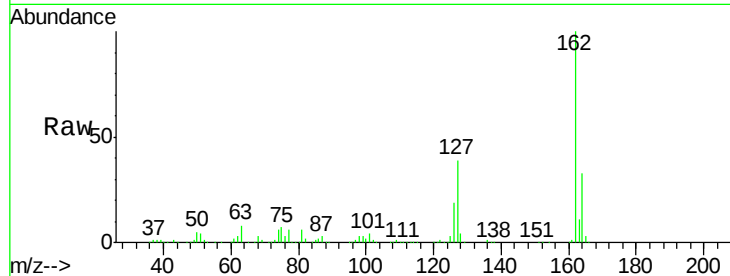




#47
 2-Chloronaphthalene
 Concen: 37.488 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF121294.D
 Acq: 14 Aug 2020 19:52

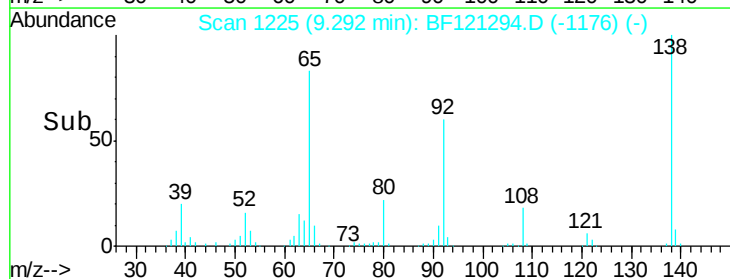
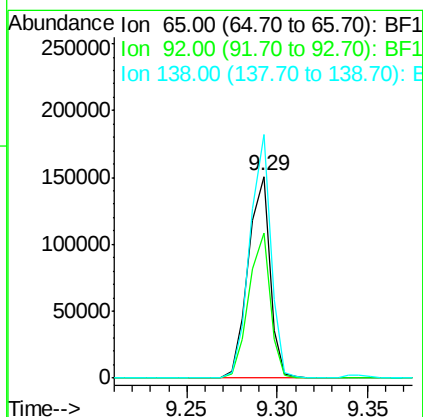
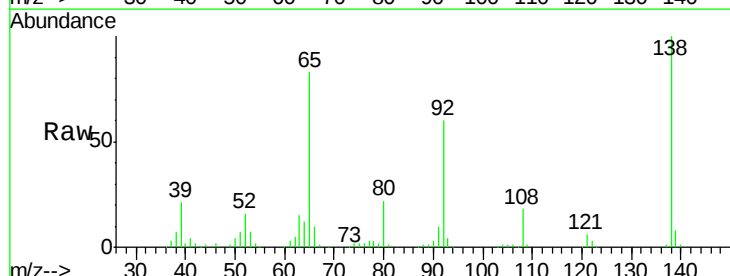
Instrument :
 BNA_F
 ClientSampleId :
 TP-6-4-9FTMSD

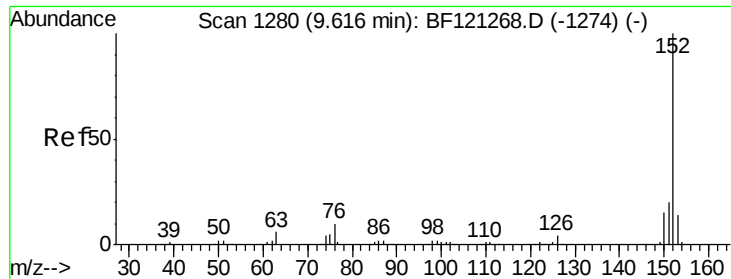
Tot Ion:	162	Resp:	406635
Ion Ratio		Lower	Upper
162	100		
127	38.8	30.5	45.7
164	32.6	26.5	39.7



#48
 2-Nitroaniline
 Concen: 41.713 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: BF121294.D
 Acq: 14 Aug 2020 19:52

Tgt Ion:	65	Resp:	127179
Ion Ratio		Lower	Upper
65	100		
92	72.2	56.4	84.6
138	120.8	91.9	137.9





#49

Acenaphthylene

Concen: 38.588 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF121294.D

Acq: 14 Aug 2020 19:52

Instrument :

BNA_F

ClientSampleId :

TP-6-4-9FTMSD

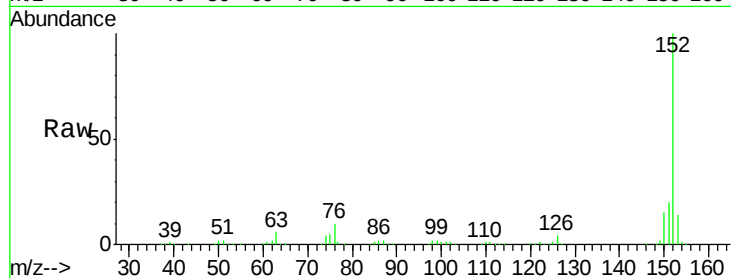
Tot Ion:152 Resp: 664803

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.2

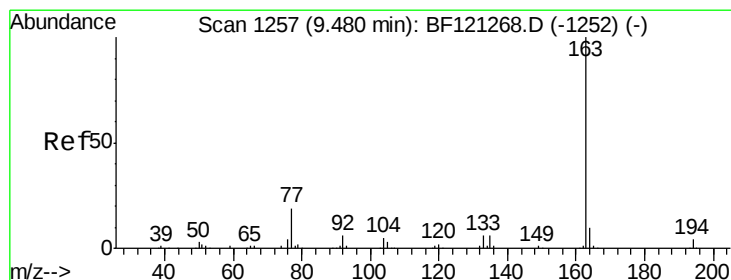
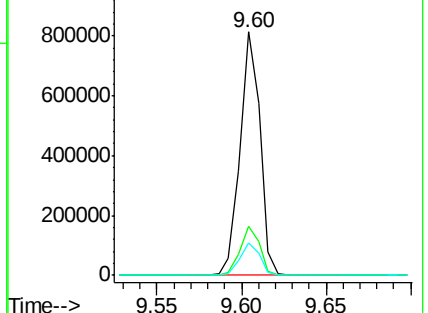
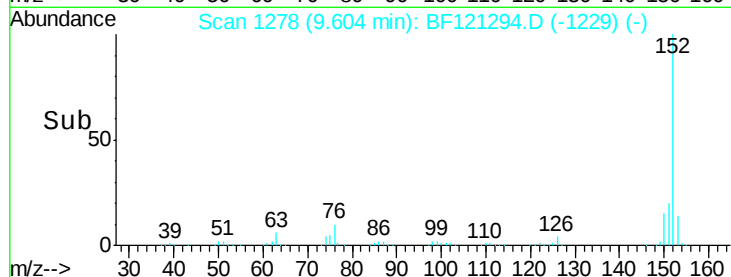
153 13.5 10.6 15.8



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: 43.858 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BF121294.D

Acq: 14 Aug 2020 19:52

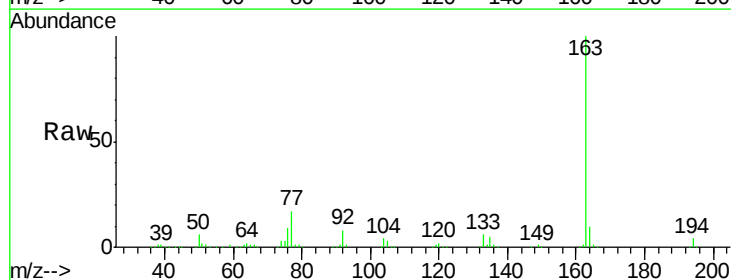
Tgt Ion:163 Resp: 538207

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

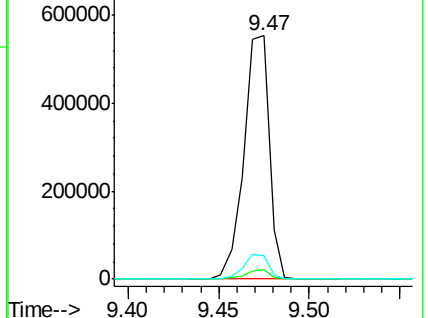
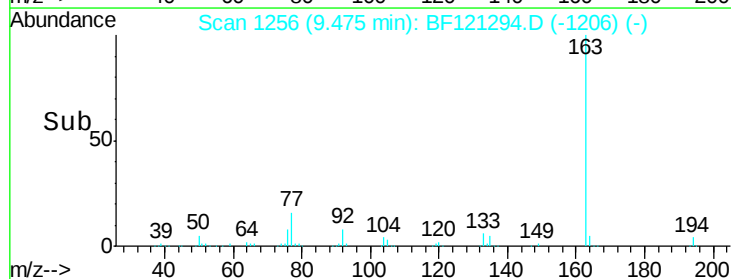
164 9.7 8.1 12.1

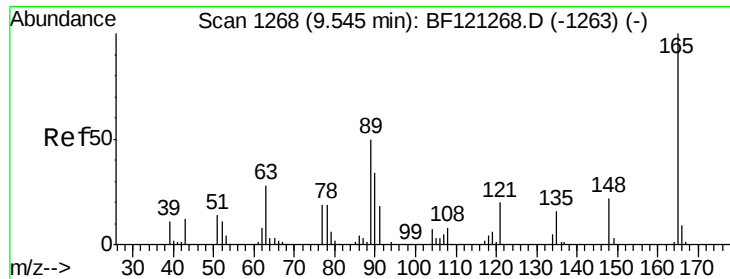


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

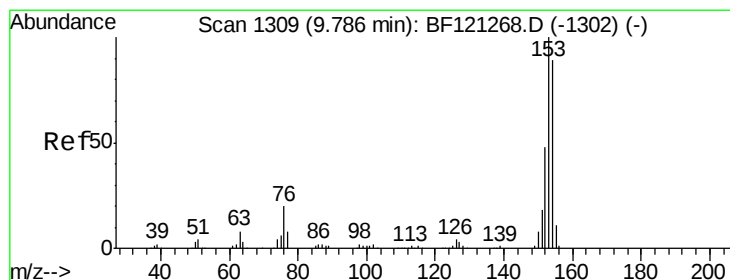
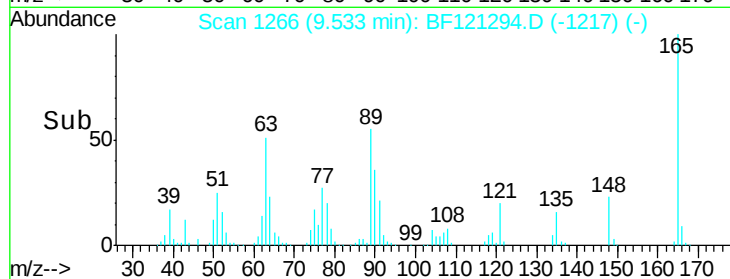
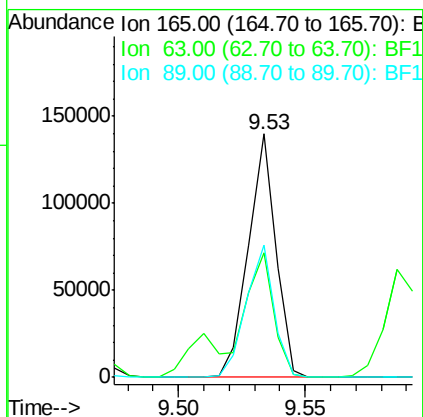
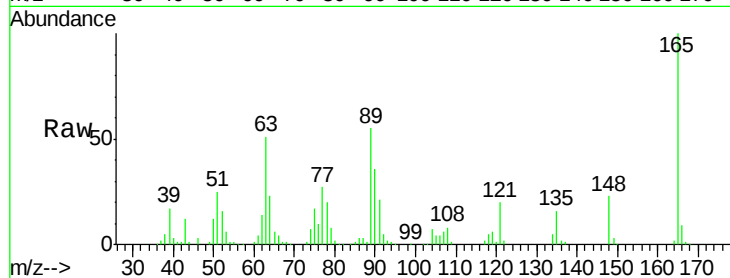




#51
 2,6-Dinitrotoluene
 Concen: 38.802 ng
 RT: 9.53 min Scan# 1266
 Delta R.T. -0.01 min
 Lab File: BF121294.D
 Acq: 14 Aug 2020 19:52

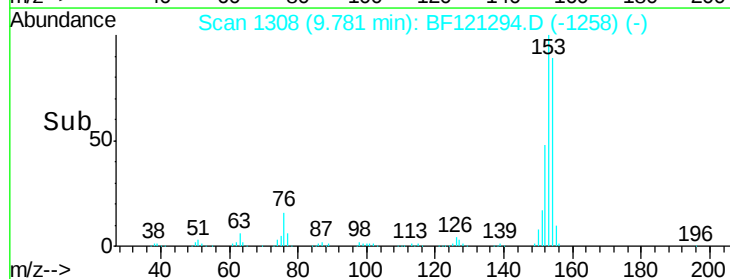
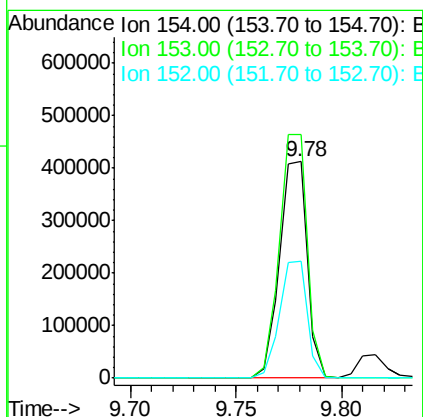
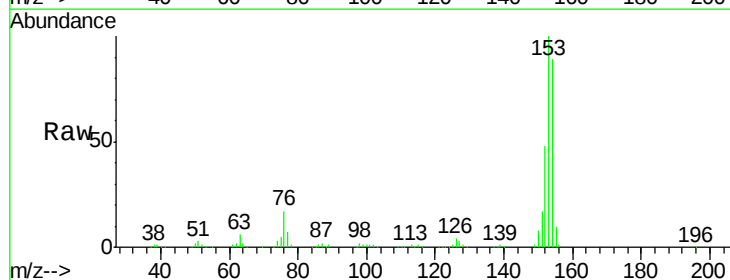
Instrument :
 BNA_F
 ClientSampleId :
 TP-6-4-9FTMSD

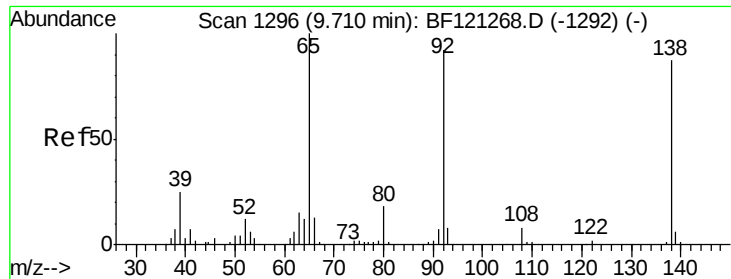
Tot Ion:165 Resp: 106143
 Ion Ratio Lower Upper
 165 100
 63 51.3 42.3 63.5
 89 54.6 45.0 67.4



#52
 Acenaphthene
 Concen: 37.130 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF121294.D
 Acq: 14 Aug 2020 19:52

Tgt Ion:154 Resp: 378734
 Ion Ratio Lower Upper
 154 100
 153 112.5 89.3 133.9
 152 53.9 42.9 64.3

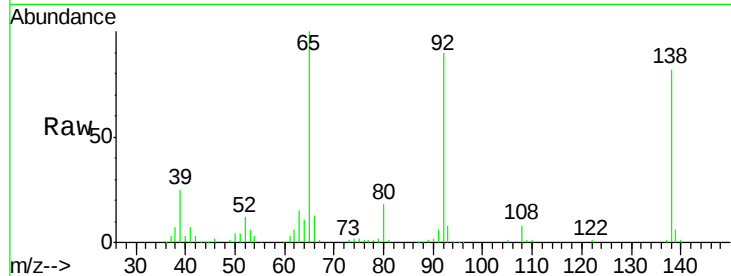




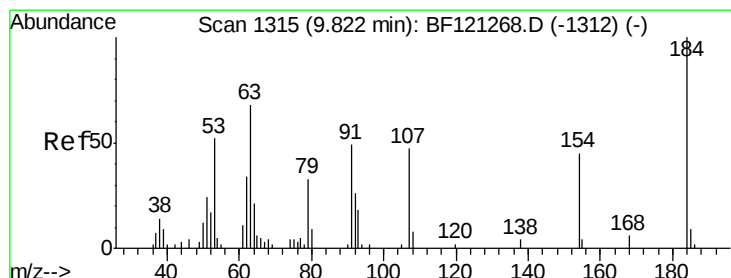
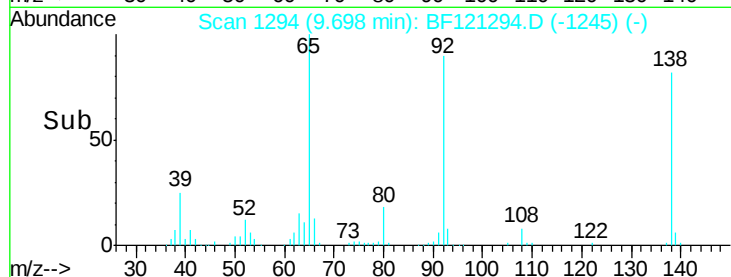
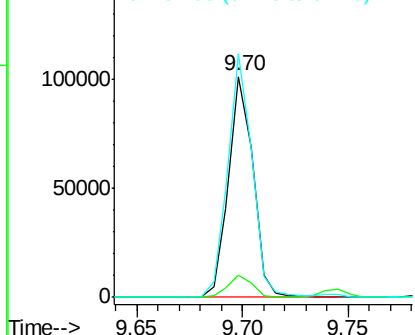
#53
 3-Nitroaniline
 Concen: 26.062 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: BF121294.D
 Acq: 14 Aug 2020 19:52

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-4-9FTMSD

Tot Ion:138 Resp: 81400
 Ion Ratio Lower Upper
 138 100
 108 9.9 7.4 11.2
 92 110.1 85.1 127.7

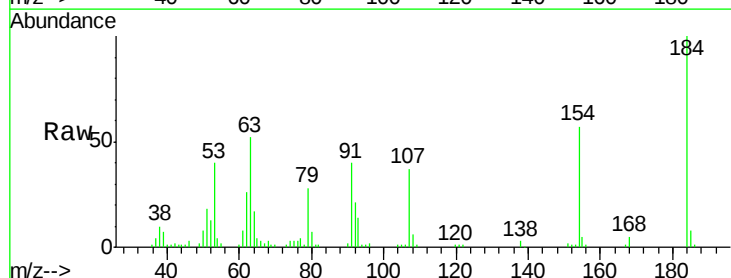


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

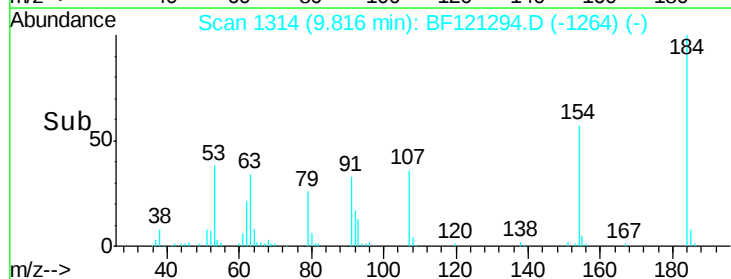
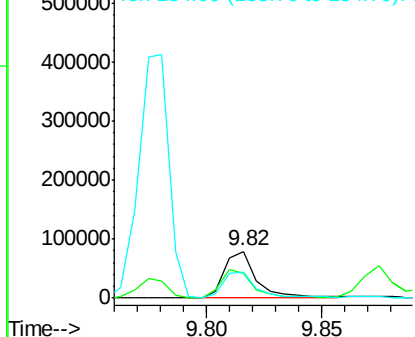


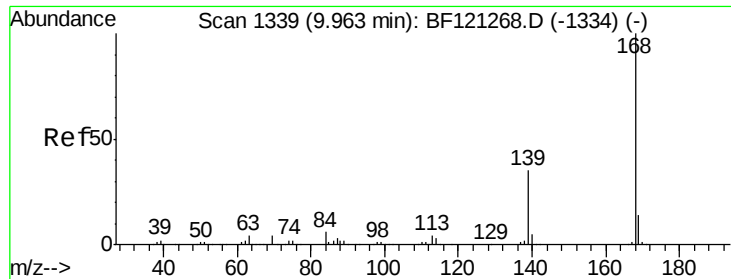
#54
 2,4-Dinitrophenol
 Concen: 59.677 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BF121294.D
 Acq: 14 Aug 2020 19:52

Tgt Ion:184 Resp: 77710
 Ion Ratio Lower Upper
 184 100
 63 52.1 39.4 59.2
 154 56.6 43.4 65.0



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

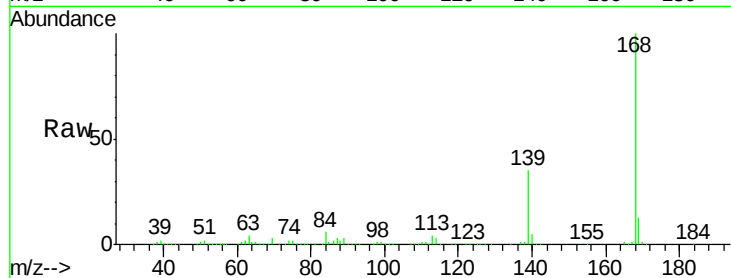




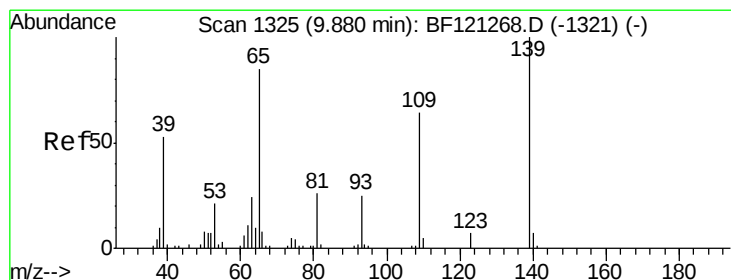
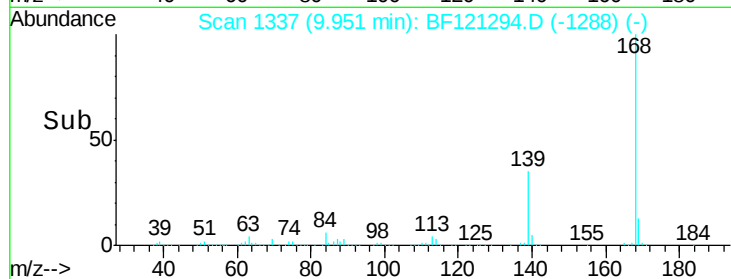
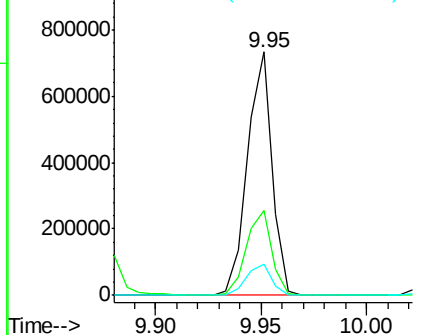
#55
Dibenzenofuran
Concen: 36.588 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF121294.D
Acq: 14 Aug 2020 19:52

Instrument :
BNA_F
ClientSampleId :
TP-6-4-9FTMSD

Tot Ion:168 Resp: 594319
Ion Ratio Lower Upper
168 100
139 34.6 29.0 43.6
169 13.0 11.0 16.4

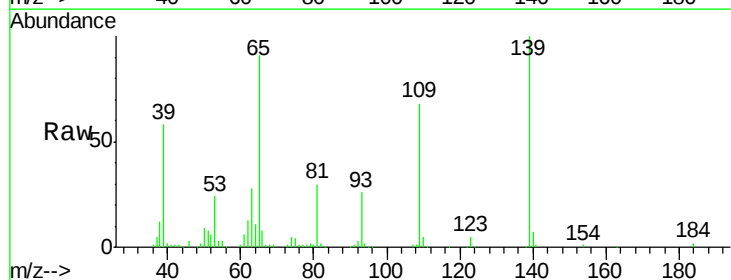


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

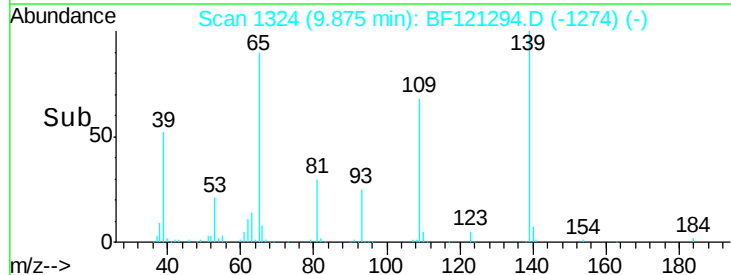
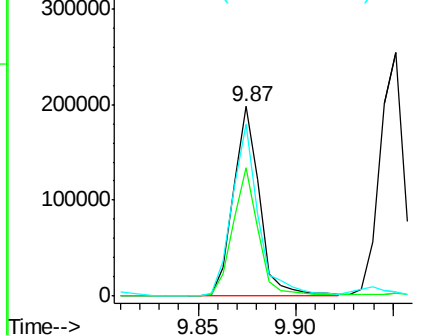


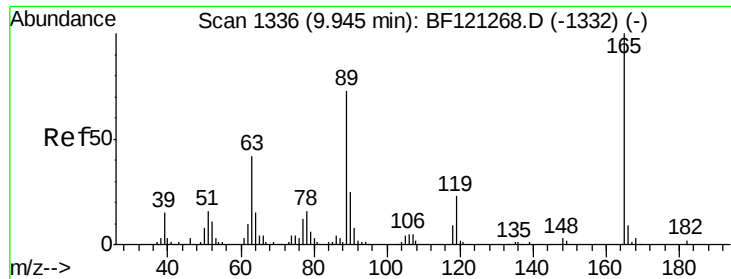
#56
4-Nitrophenol
Concen: 91.477 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF121294.D
Acq: 14 Aug 2020 19:52

Tgt Ion:139 Resp: 184385
Ion Ratio Lower Upper
139 100
109 67.6 47.2 87.2
65 90.8 70.6 110.6



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

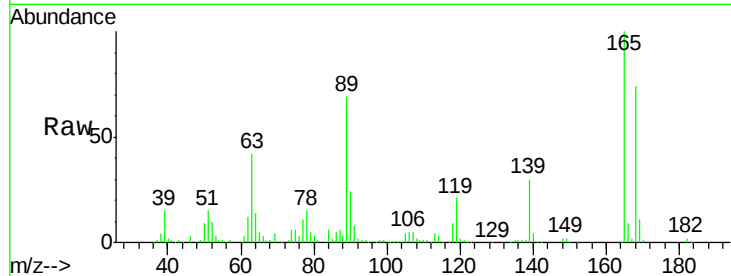




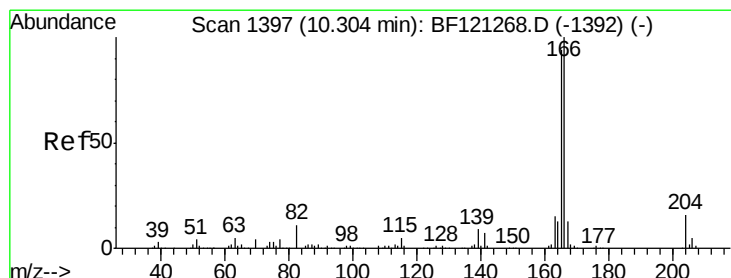
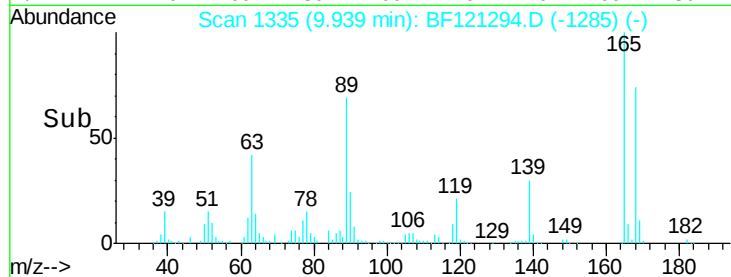
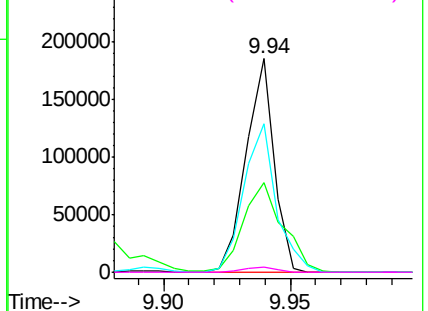
#57
 2,4-Dinitrotoluene
 Concen: 39.880 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.01 min
 Lab File: BF121294.D
 Acq: 14 Aug 2020 19:52

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-4-9FTMSD

Tot Ion:165	Resp:	143165
Ion Ratio	Lower	Upper
165	100	
63	41.9	31.9 47.9
89	69.4	53.6 80.4
182	2.3	1.8 2.6

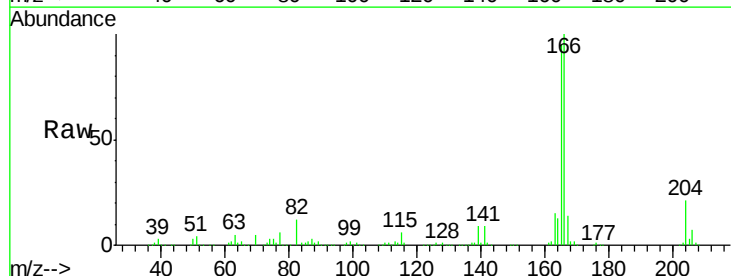


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

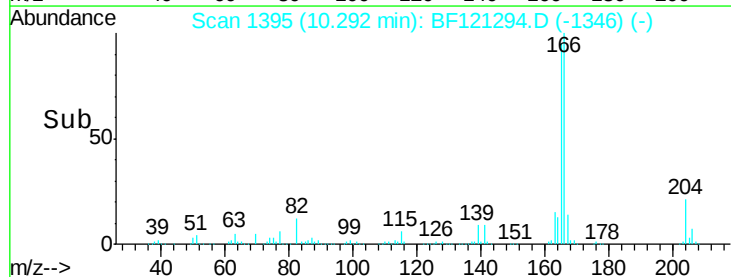
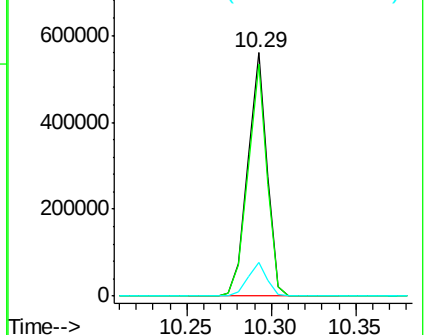


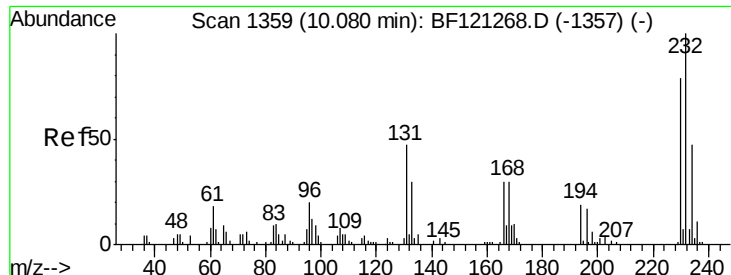
#58
 Fluorene
 Concen: 36.347 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF121294.D
 Acq: 14 Aug 2020 19:52

Tgt Ion:166	Resp:	446924
Ion Ratio	Lower	Upper
166	100	
165	95.2	75.0 112.6
167	13.6	10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

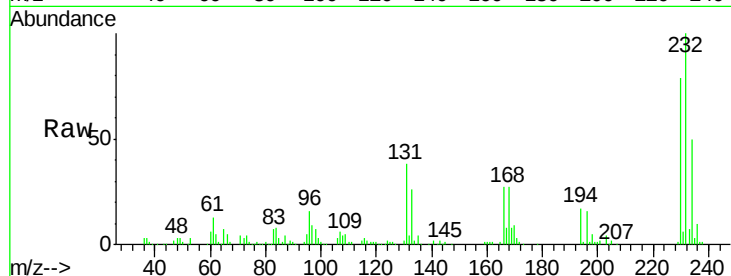




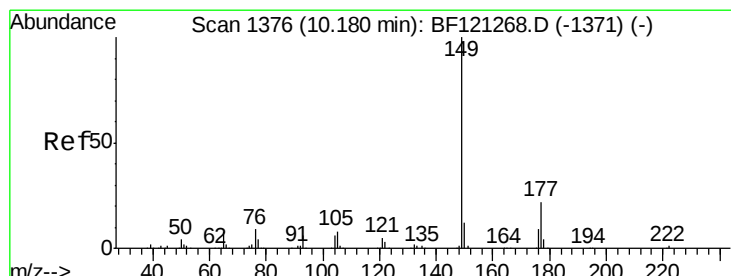
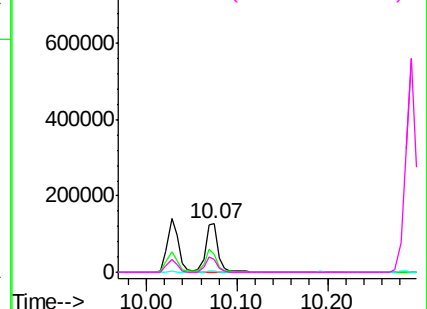
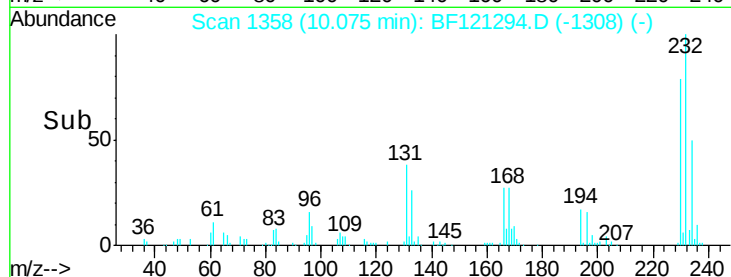
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.695 ng
 RT: 10.07 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: BF121294.D
 Acq: 14 Aug 2020 19:52

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-4-9FTMSD

Tot Ion:	232	Resp:	127421
Ion	Ratio	Lower	Upper
232	100		
131	42.8	36.6	55.0
130	2.0	1.6	2.4
166	29.5	23.5	35.3

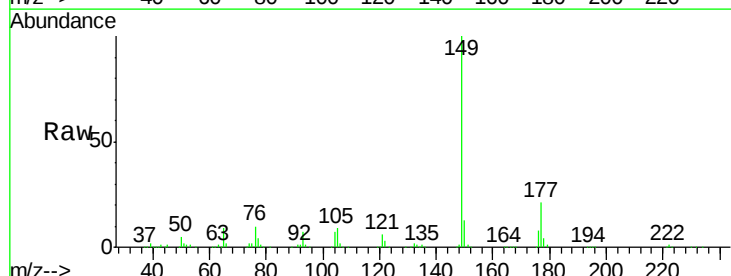


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

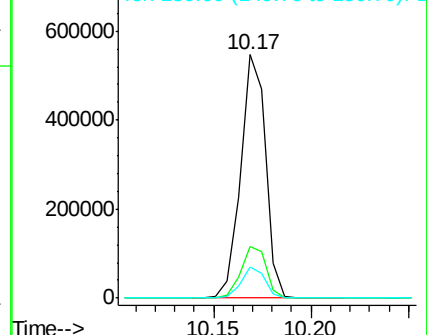
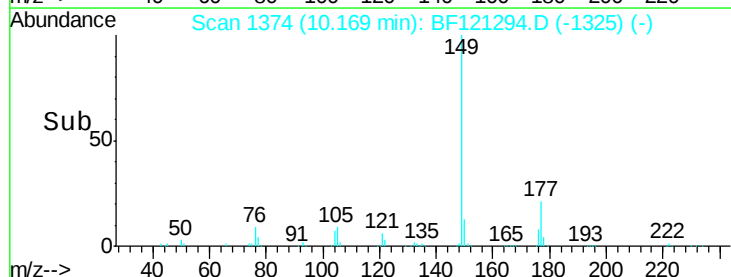


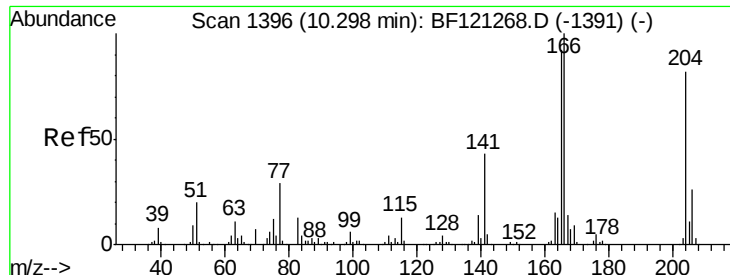
#60
 Diethylphthalate
 Concen: 38.674 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. -0.01 min
 Lab File: BF121294.D
 Acq: 14 Aug 2020 19:52

Tgt Ion:	149	Resp:	482609
Ion	Ratio	Lower	Upper
149	100		
177	21.1	17.4	26.2
150	12.7	10.1	15.1



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

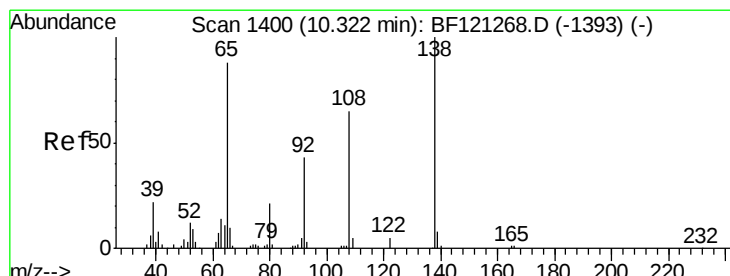
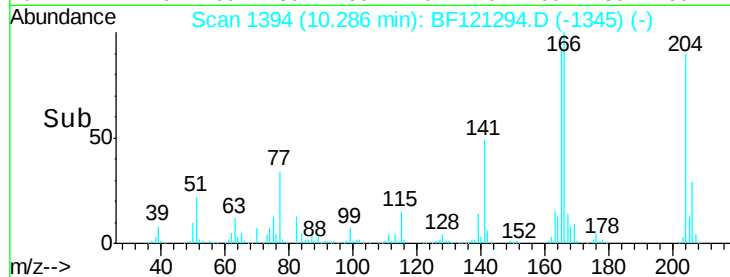
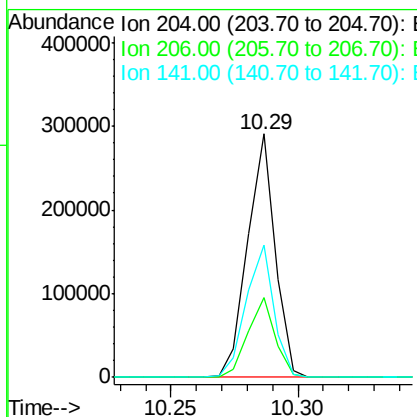
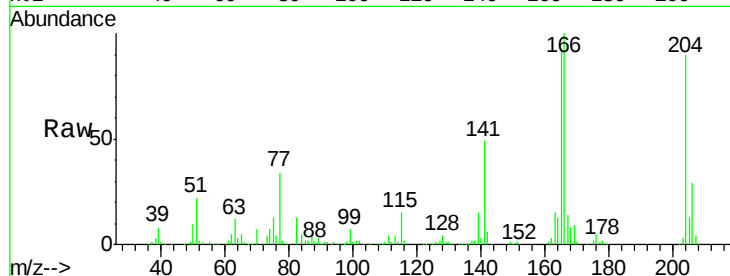




#61
 4-Chlorophenyl-phenylether
 Concen: 36.780 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF121294.D
 Acq: 14 Aug 2020 19:52

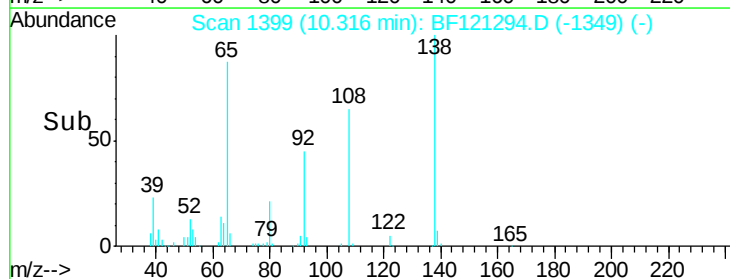
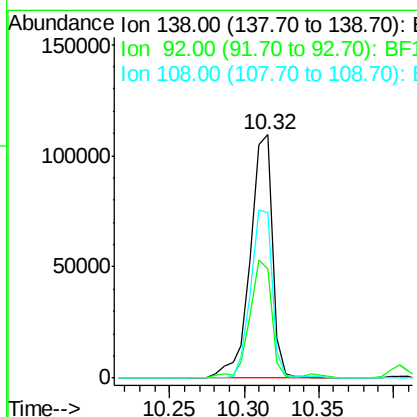
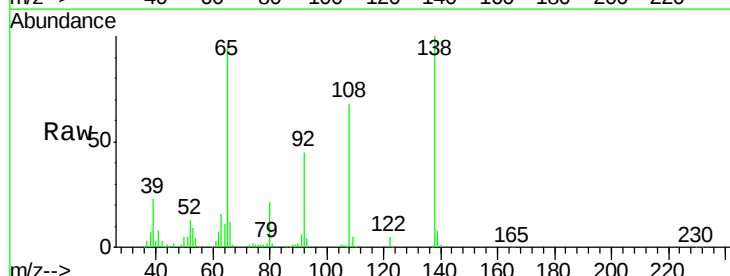
Instrument :
 BNA_F
 ClientSampleId :
 TP-6-4-9FTMSD

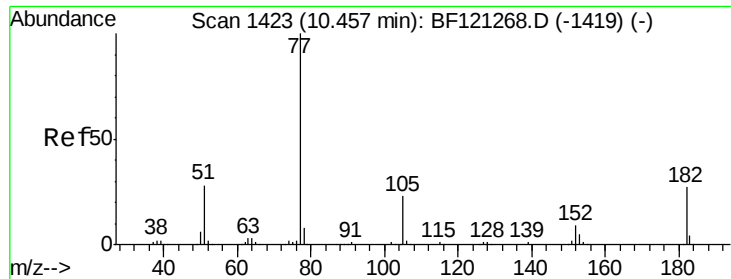
Tot Ion:	204	Resp:	219954
Ion	Ratio	Lower	Upper
204	100		
206	32.6	25.9	38.9
141	54.2	44.2	66.4



#62
 4-Nitroaniline
 Concen: 35.823 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.01 min
 Lab File: BF121294.D
 Acq: 14 Aug 2020 19:52

Tgt Ion:	138	Resp:	112179
Ion	Ratio	Lower	Upper
138	100		
92	45.1	26.9	66.9
108	68.2	48.1	88.1

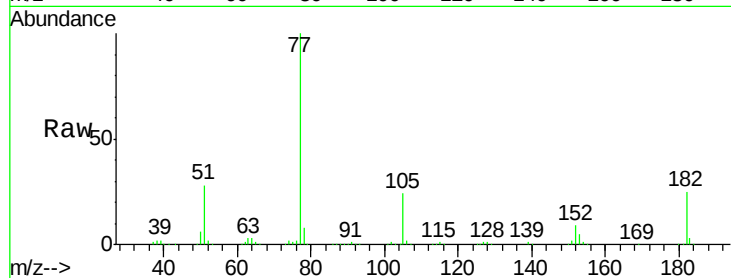




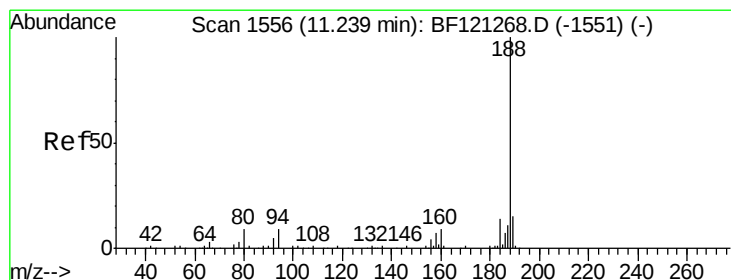
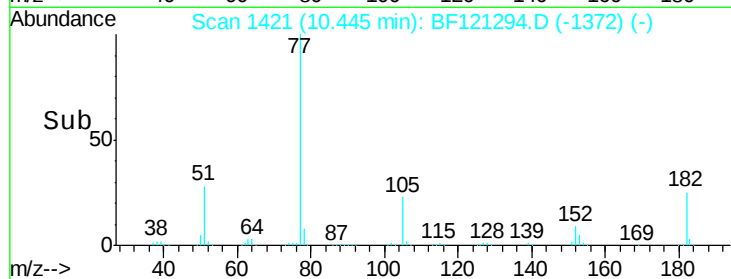
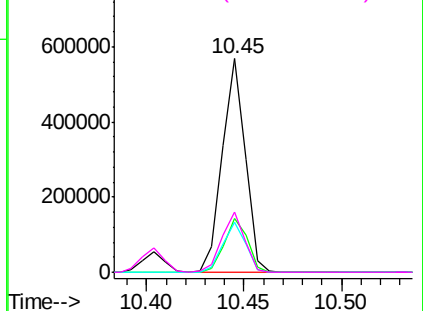
#63
Azobenzene
Concen: 37.156 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF121294.D
Acq: 14 Aug 2020 19:52

Instrument :
BNA_F
ClientSampleId :
TP-6-4-9FTMSD

Tot Ion: 77 Resp: 463278
Ion Ratio Lower Upper
77 100
182 25.3 3.8 43.8
105 23.5 2.9 42.9
51 28.1 8.3 48.3

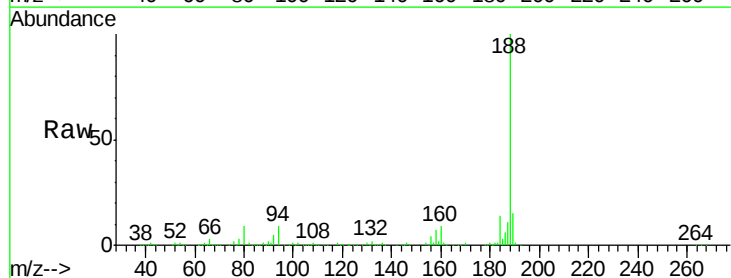


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

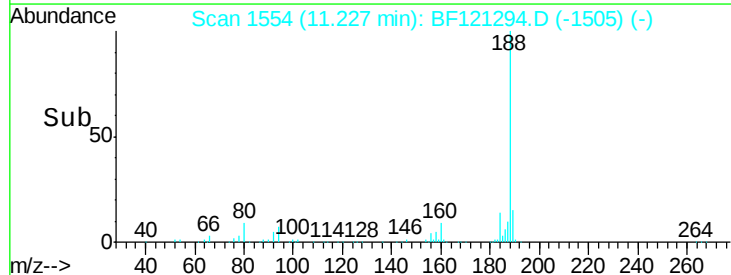
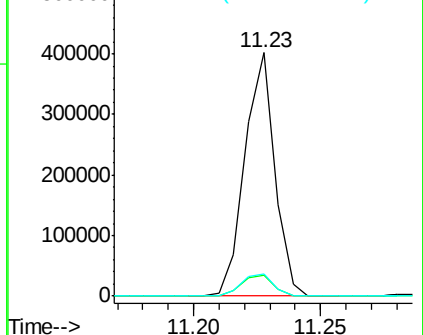


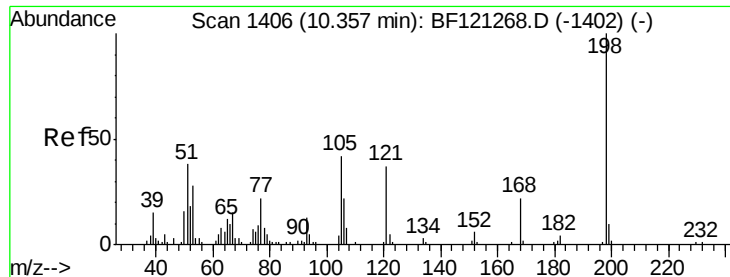
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF121294.D
Acq: 14 Aug 2020 19:52

Tgt Ion: 188 Resp: 329900
Ion Ratio Lower Upper
188 100
94 8.7 7.0 10.6
80 9.2 7.4 11.0



Abundance Ion 188.00 (187.70 to 188.70): E
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: 32.390 ng

RT: 10.35 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BF121294.D

Acq: 14 Aug 2020 19:52

Instrument :

BNA_F

ClientSampleId :

TP-6-4-9FTMSD

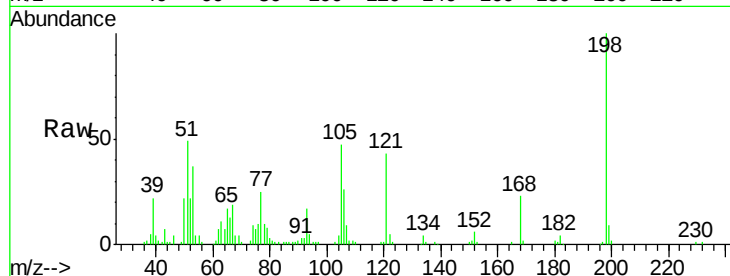
Tot Ion:198 Resp: 61701

Ion Ratio Lower Upper

198 100

51 49.0 29.1 69.1

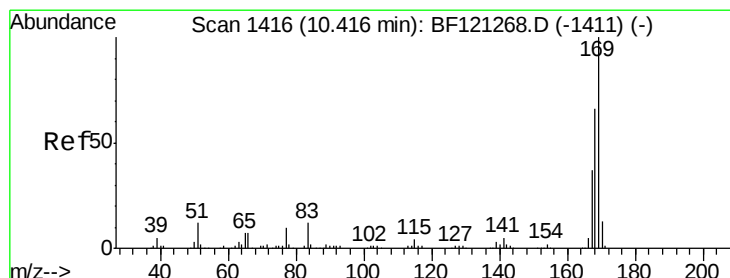
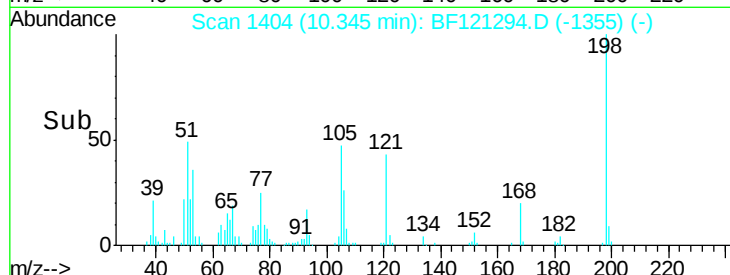
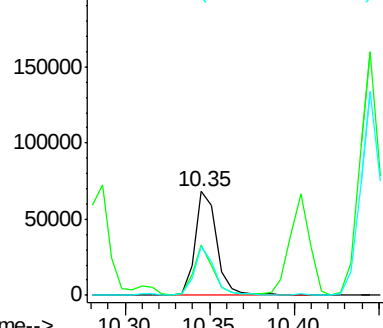
105 47.1 28.3 68.3



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: 37.027 ng

RT: 10.40 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BF121294.D

Acq: 14 Aug 2020 19:52

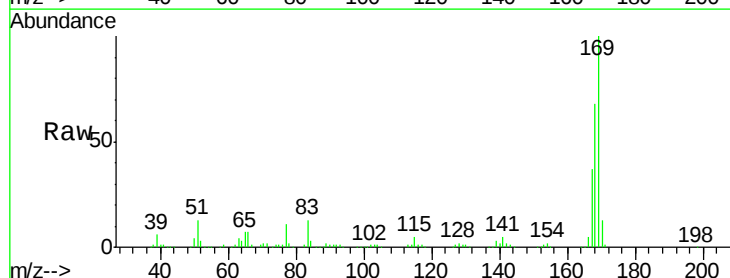
Tgt Ion:169 Resp: 418849

Ion Ratio Lower Upper

169 100

168 67.7 53.2 79.8

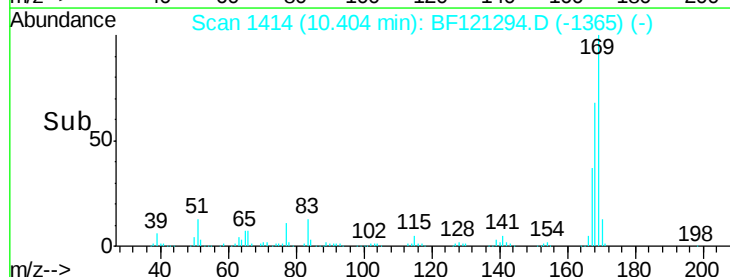
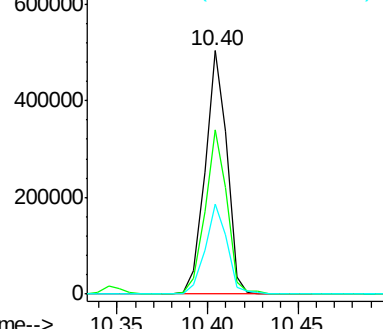
167 36.7 29.2 43.8

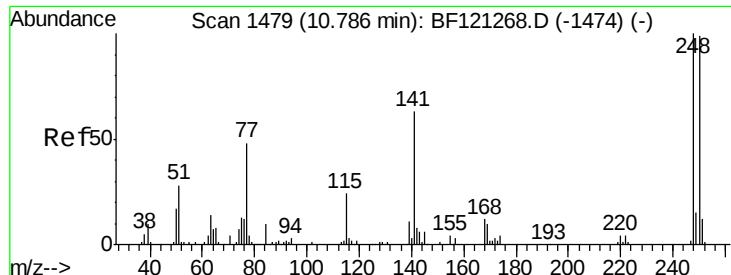


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

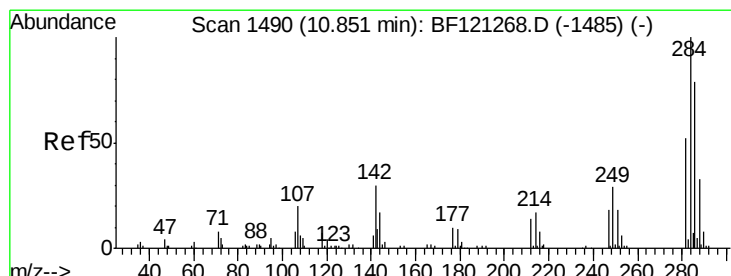
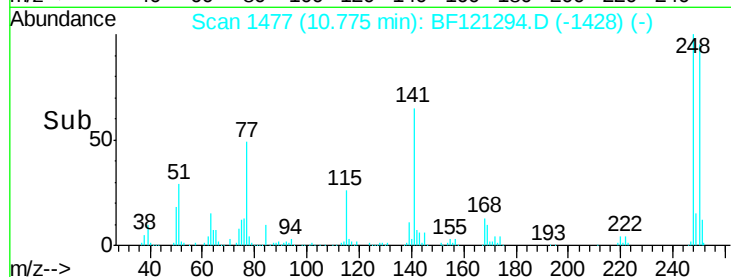
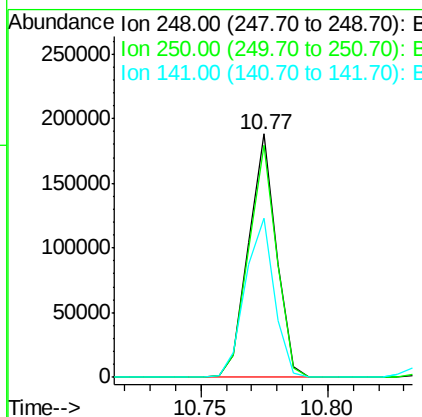
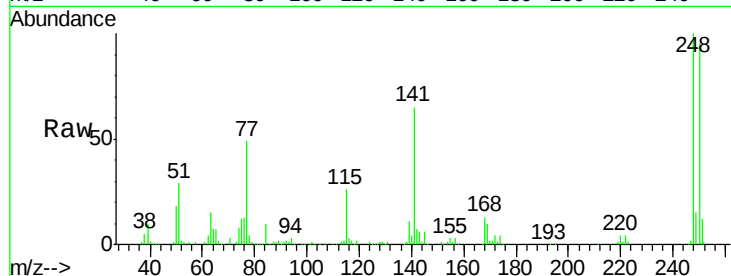




#67
 4-Bromophenyl-phenylether
 Concen: 37.326 ng
 RT: 10.77 min Scan# 1477
 Delta R.T. -0.01 min
 Lab File: BF121294.D
 Acq: 14 Aug 2020 19:52

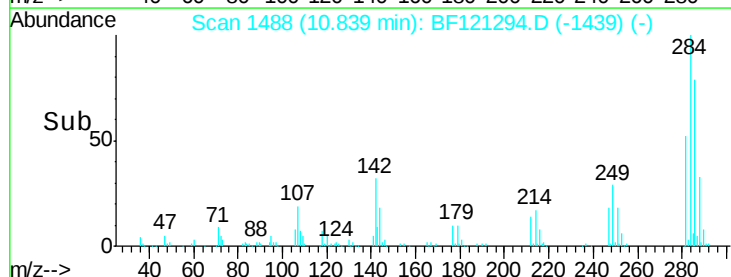
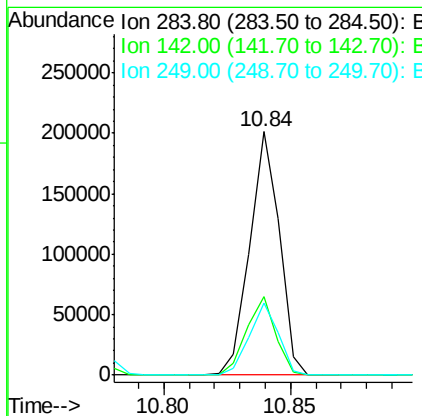
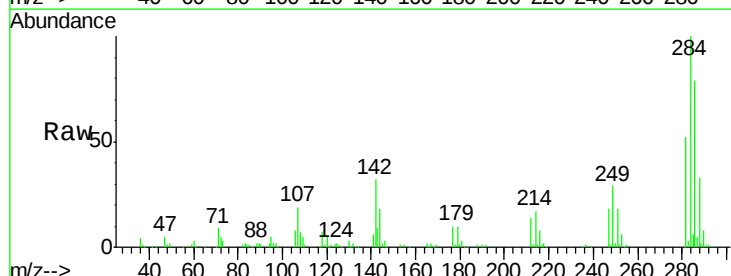
Instrument :
 BNA_F
 ClientSampleId :
 TP-6-4-9FTMSD

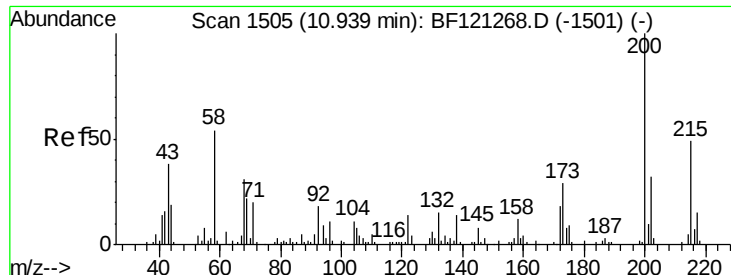
Tot Ion:248 Resp: 143638
 Ion Ratio Lower Upper
 248 100
 250 95.2 77.7 116.5
 141 65.3 53.4 80.2



#68
 Hexachlorobenzene
 Concen: 37.353 ng
 RT: 10.84 min Scan# 1488
 Delta R.T. -0.01 min
 Lab File: BF121294.D
 Acq: 14 Aug 2020 19:52

Tgt Ion:284 Resp: 163910
 Ion Ratio Lower Upper
 284 100
 142 32.1 26.5 39.7
 249 29.4 23.8 35.6

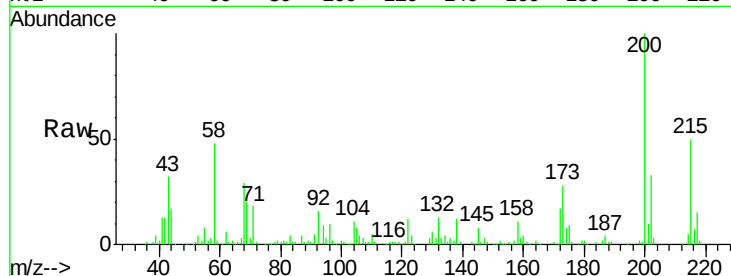




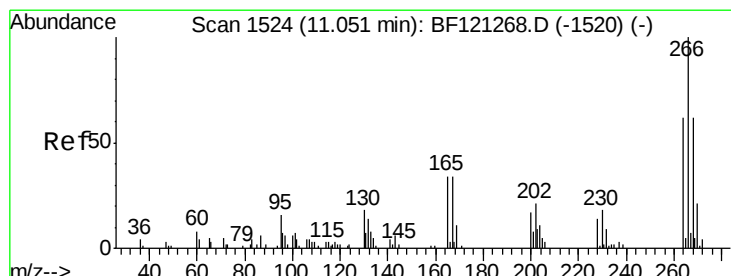
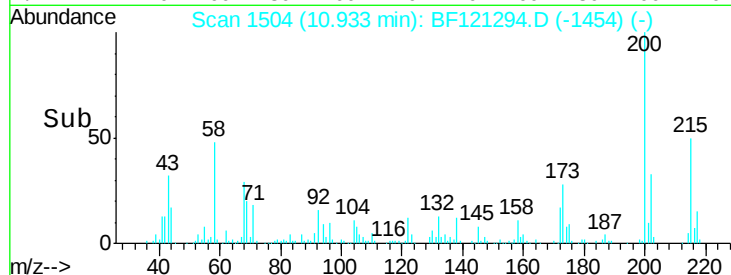
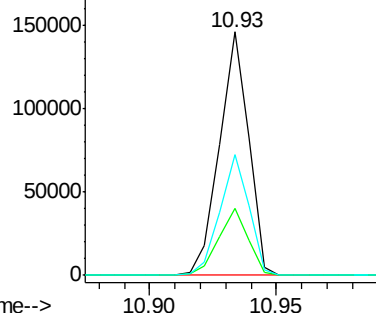
#69
Atrazine
Concen: 34.677 ng
RT: 10.93 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BF121294.D
Acq: 14 Aug 2020 19:52

Instrument :
BNA_F
ClientSampleId :
TP-6-4-9FTMSD

Tot Ion:200 Resp: 117330
Ion Ratio Lower Upper
200 100
173 27.6 7.7 47.7
215 49.6 28.9 68.9

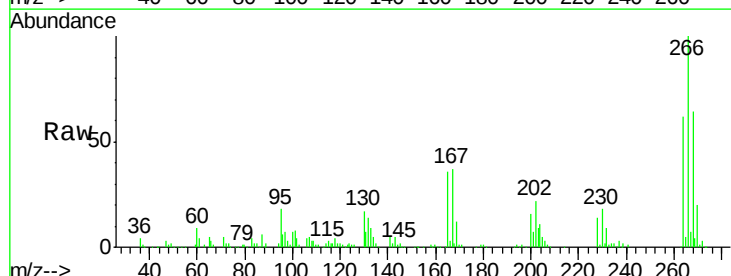


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

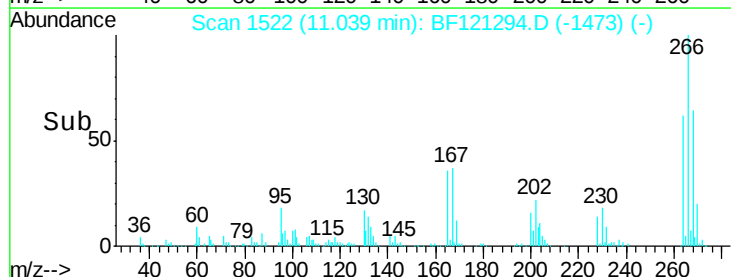
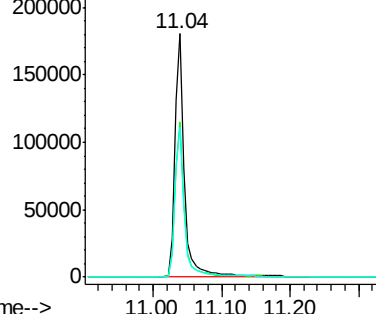


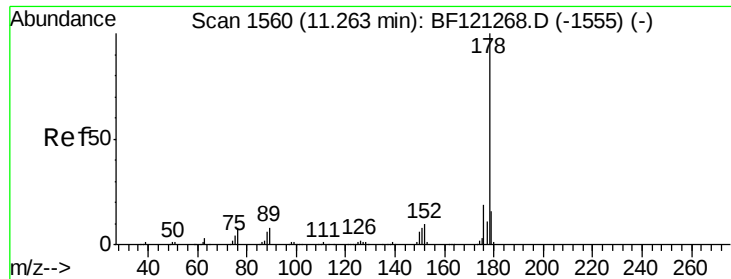
#70
Pentachlorophenol
Concen: 92.657 ng
RT: 11.04 min Scan# 1522
Delta R.T. -0.01 min
Lab File: BF121294.D
Acq: 14 Aug 2020 19:52

Tgt Ion:266 Resp: 183159
Ion Ratio Lower Upper
266 100
268 63.6 51.0 76.4
264 61.9 50.6 76.0



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 37.377 ng

RT: 11.25 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BF121294.D

Acq: 14 Aug 2020 19:52

Instrument :

BNA_F

ClientSampleId :

TP-6-4-9FTMSD

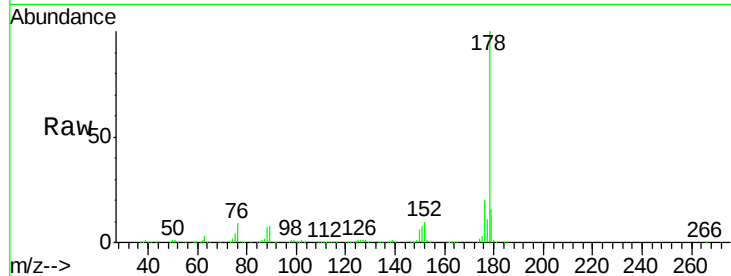
Tot Ion:178 Resp: 705434

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.8

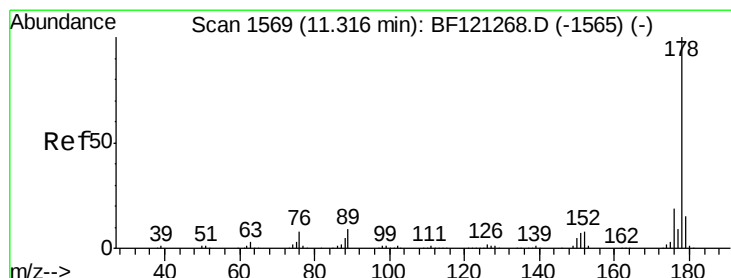
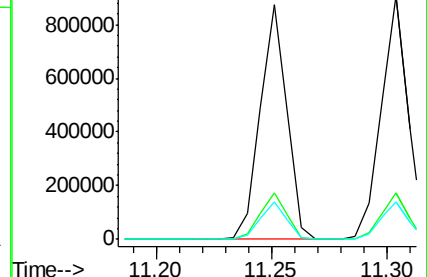
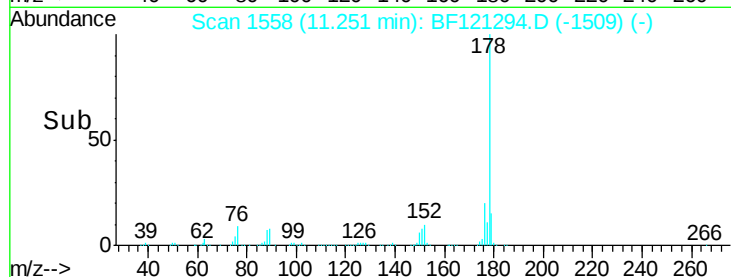
179 16.0 12.6 19.0



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: 38.205 ng

RT: 11.30 min Scan# 1567

Delta R.T. -0.01 min

Lab File: BF121294.D

Acq: 14 Aug 2020 19:52

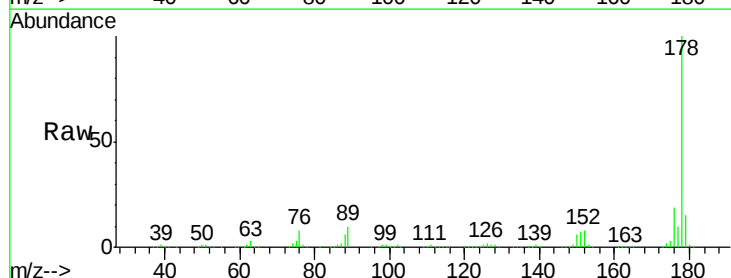
Tgt Ion:178 Resp: 723590

Ion Ratio Lower Upper

178 100

176 19.1 15.2 22.8

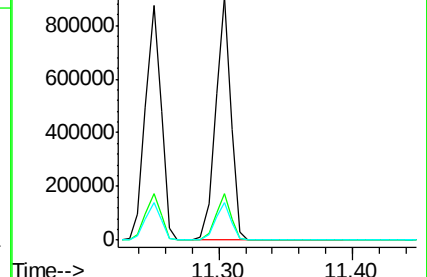
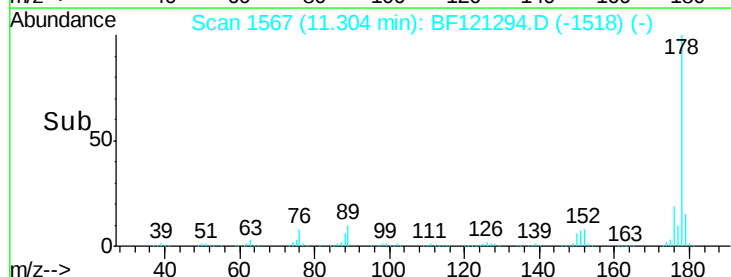
179 15.4 12.4 18.6

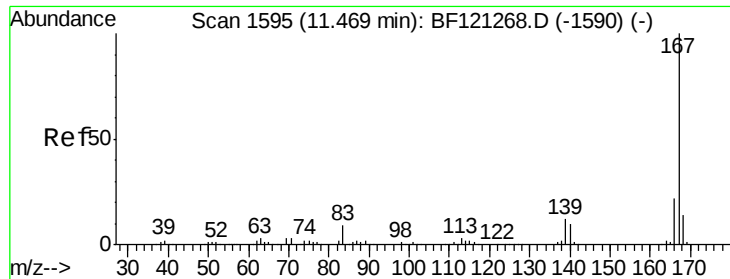


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

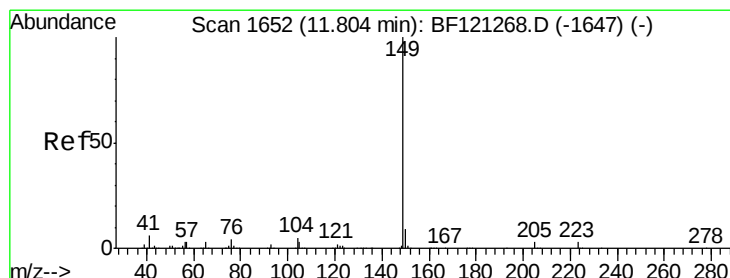
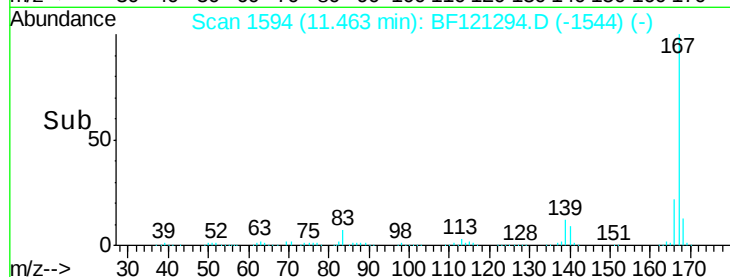
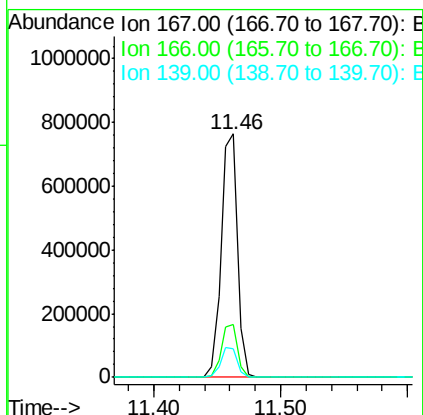
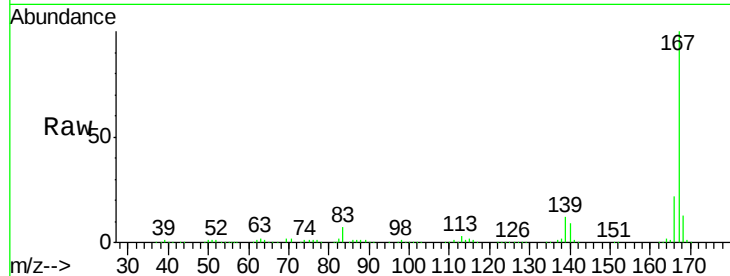




#73
 Carbazole
 Concen: 37.114 ng
 RT: 11.46 min Scan# 1594
 Delta R.T. -0.01 min
 Lab File: BF121294.D
 Acq: 14 Aug 2020 19:52

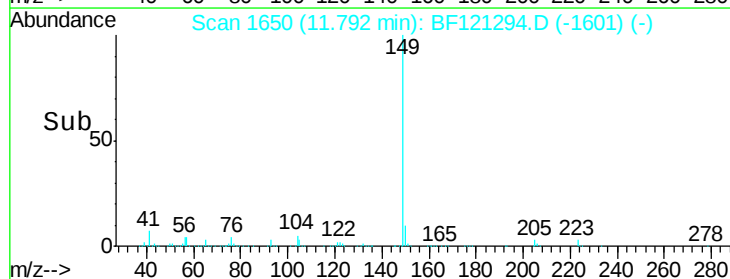
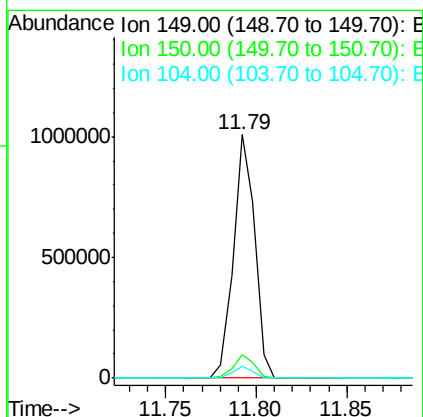
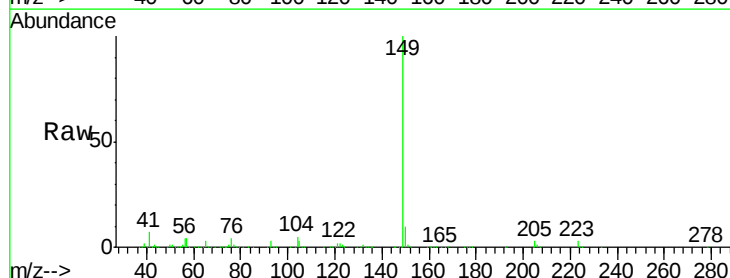
Instrument :
 BNA_F
 ClientSampleId :
 TP-6-4-9FTMSD

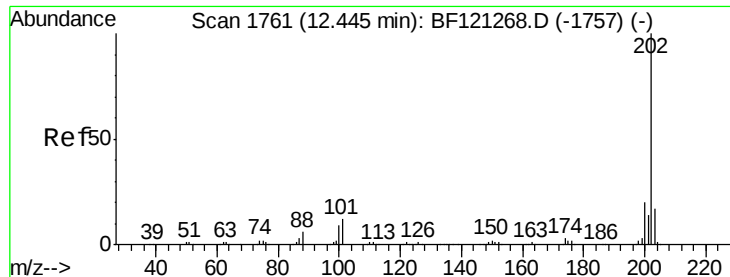
Tot Ion:167 Resp: 687441
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.3 25.9
 139 12.0 9.8 14.6



#74
 Di-n-butylphthalate
 Concen: 39.351 ng
 RT: 11.79 min Scan# 1650
 Delta R.T. -0.01 min
 Lab File: BF121294.D
 Acq: 14 Aug 2020 19:52

Tgt Ion:149 Resp: 822724
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.7 11.5
 104 4.7 3.7 5.5





#75

Fluoranthene

Concen: 40.203 ng

RT: 12.44 min Scan# 1760

Delta R.T. -0.01 min

Lab File: BF121294.D

Acq: 14 Aug 2020 19:52

Instrument :

BNA_F

ClientSampleId :

TP-6-4-9FTMSD

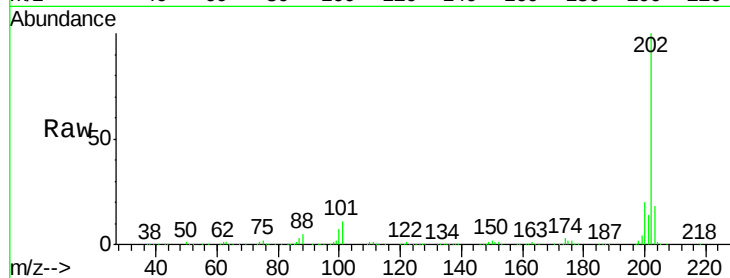
Tot Ion:202 Resp: 844881

Ion Ratio Lower Upper

202 100

101 10.5 0.0 30.6

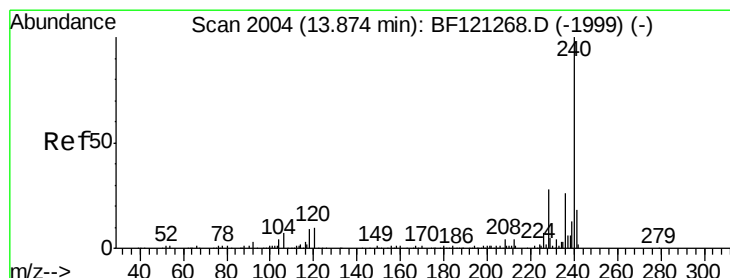
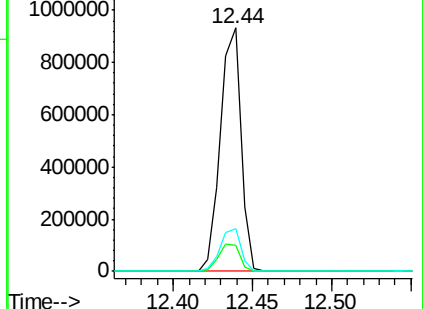
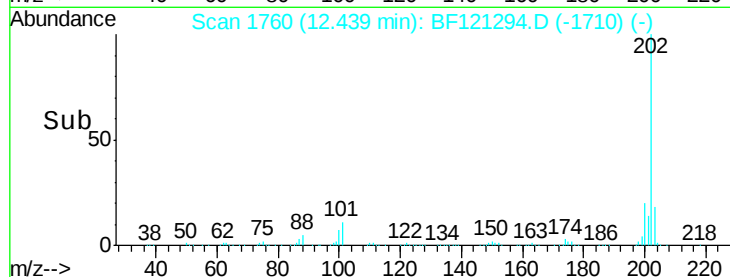
203 17.7 0.0 38.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF121294.D

Acq: 14 Aug 2020 19:52

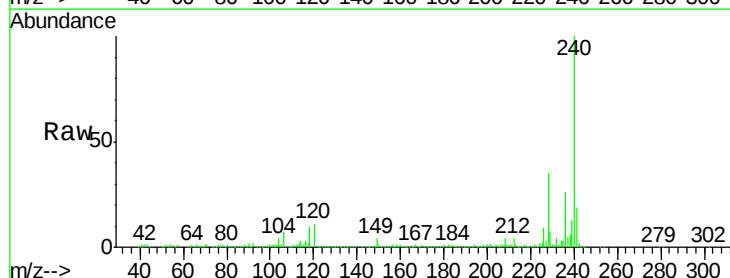
Tgt Ion:240 Resp: 290748

Ion Ratio Lower Upper

240 100

120 11.0 9.2 13.8

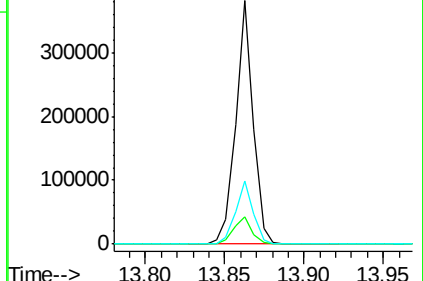
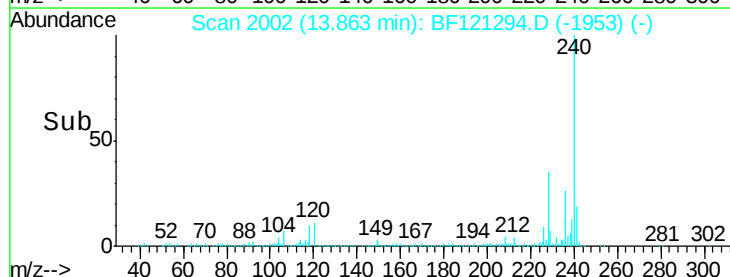
236 25.7 21.0 31.4

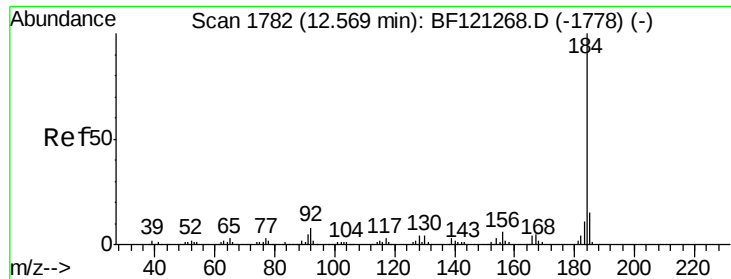


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 66.085 ng

RT: 12.56 min Scan# 1781

Delta R.T. -0.01 min

Lab File: BF121294.D

Acq: 14 Aug 2020 19:52

Instrument :

BNA_F

ClientSampleId :

TP-6-4-9FTMSD

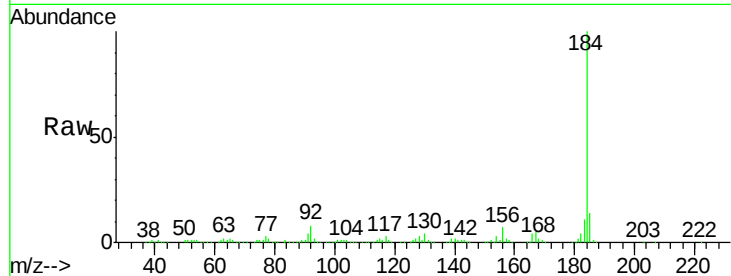
Tot Ion:184 Resp: 505112

Ion Ratio Lower Upper

184 100

185 14.0 11.8 17.8

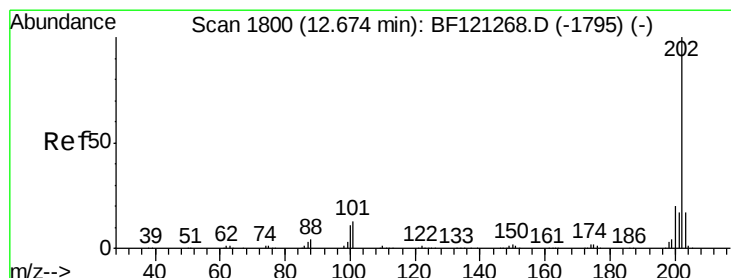
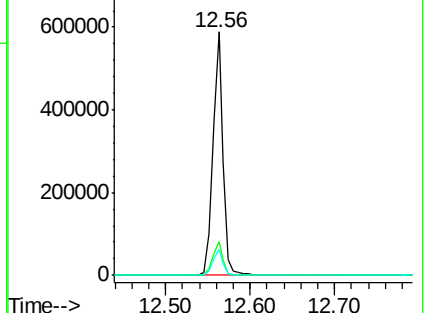
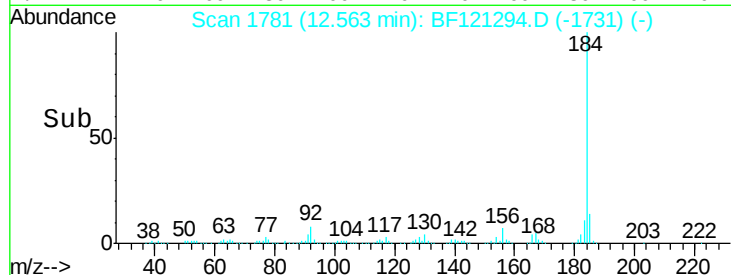
183 10.8 8.3 12.5



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: 40.155 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.01 min

Lab File: BF121294.D

Acq: 14 Aug 2020 19:52

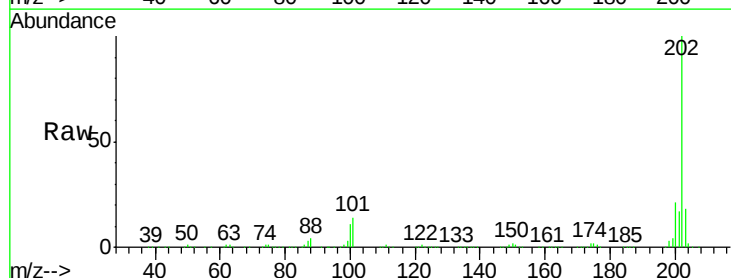
Tgt Ion:202 Resp: 869413

Ion Ratio Lower Upper

202 100

200 20.5 16.3 24.5

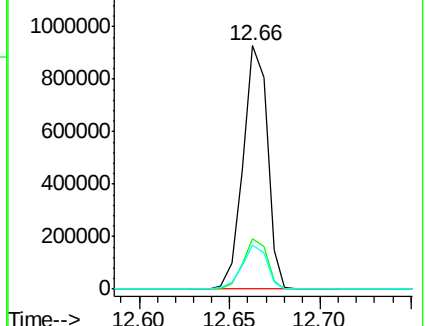
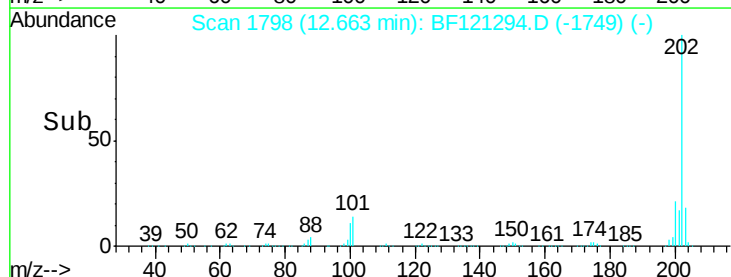
203 18.2 13.8 20.8

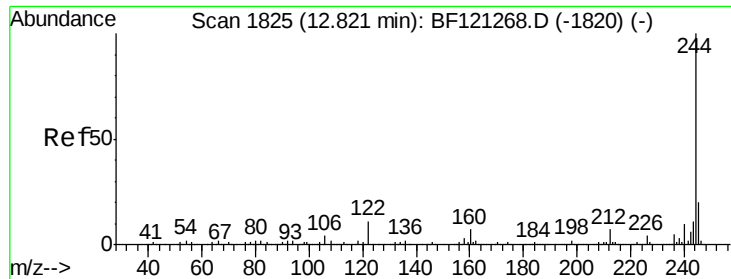


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

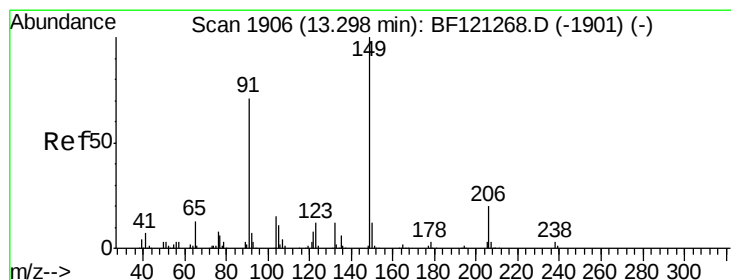
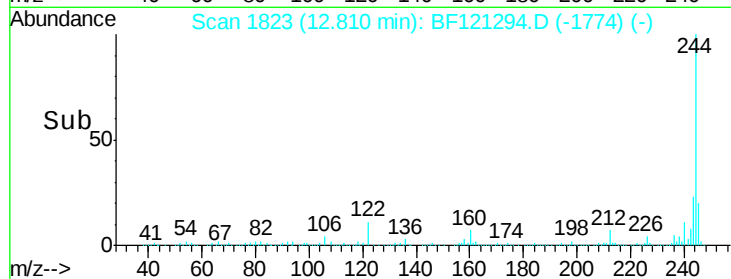
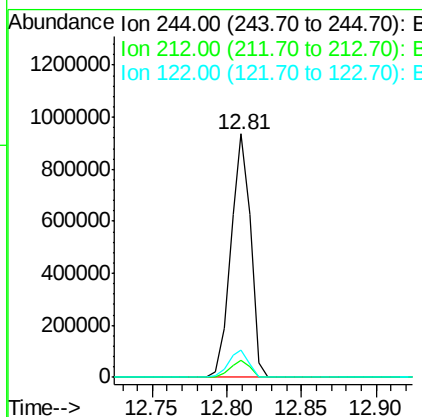
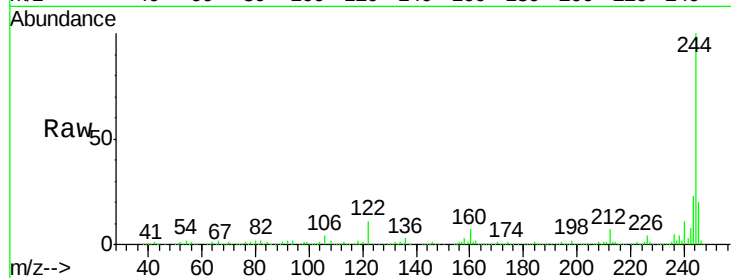




#79
 Terphenyl-d14
 Concen: 58.337 ng
 RT: 12.81 min Scan# 1823
 Delta R.T. -0.01 min
 Lab File: BF121294.D
 Acq: 14 Aug 2020 19:52

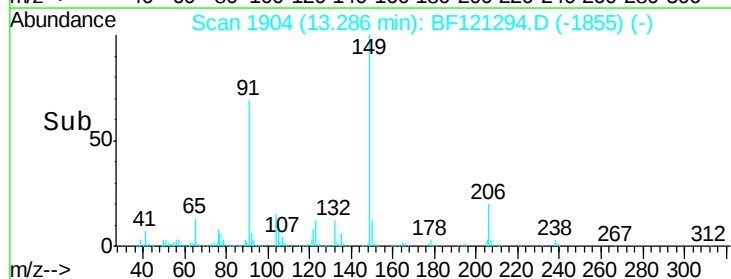
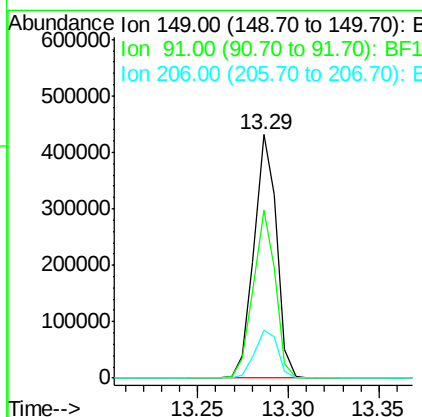
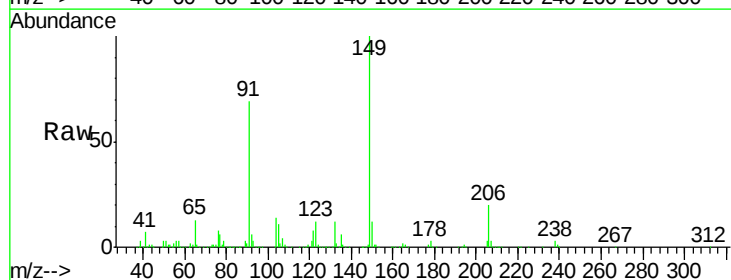
Instrument :
 BNA_F
 ClientSampleId :
 TP-6-4-9FTMSD

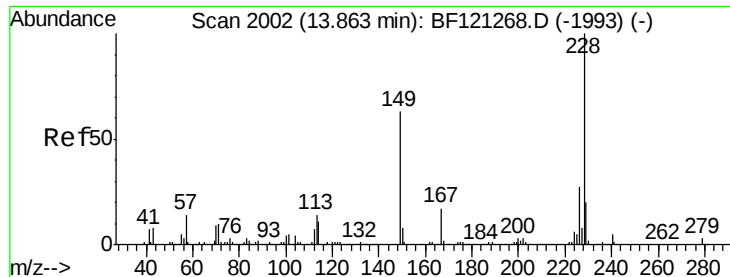
Tot Ion:244 Resp: 870109
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 11.4 9.1 13.7



#80
 Butylbenzylphthalate
 Concen: 42.211 ng
 RT: 13.29 min Scan# 1904
 Delta R.T. -0.01 min
 Lab File: BF121294.D
 Acq: 14 Aug 2020 19:52

Tgt Ion:149 Resp: 373319
 Ion Ratio Lower Upper
 149 100
 91 69.1 55.4 83.2
 206 19.8 16.0 24.0





#81

Benzo(a)anthracene

Concen: 36.973 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF121294.D

Acq: 14 Aug 2020 19:52

Instrument :

BNA_F

ClientSampleId :

TP-6-4-9FTMSD

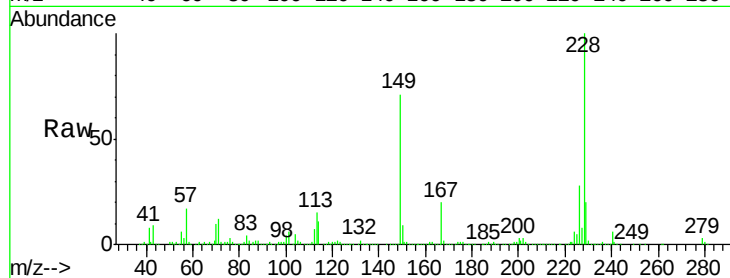
Tot Ion:228 Resp: 729113

Ion Ratio Lower Upper

228 100

226 27.8 22.0 33.0

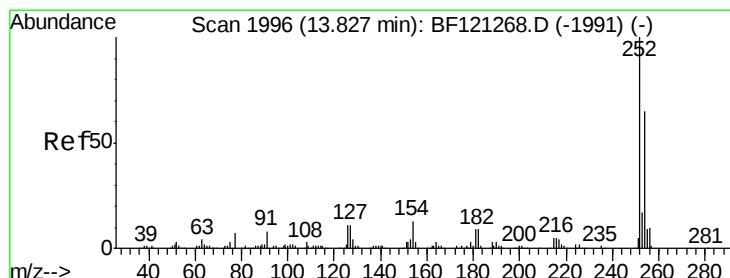
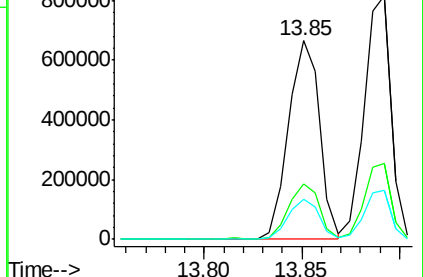
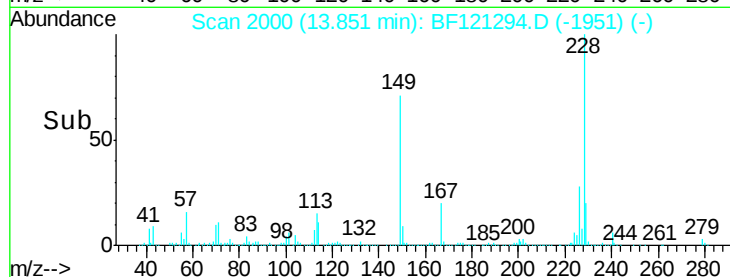
229 19.9 16.0 24.0



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



#82

3,3'-Dichlorobenzidine

Concen: 33.205 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BF121294.D

Acq: 14 Aug 2020 19:52

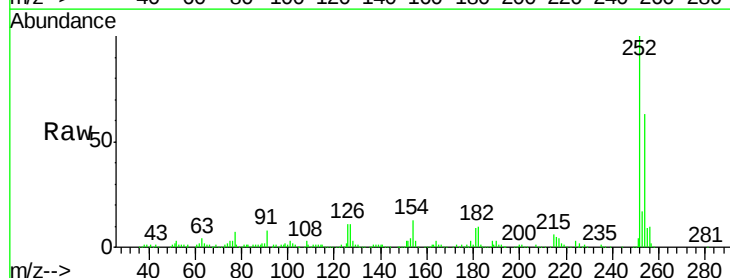
Tgt Ion:252 Resp: 259797

Ion Ratio Lower Upper

252 100

254 63.1 51.4 77.2

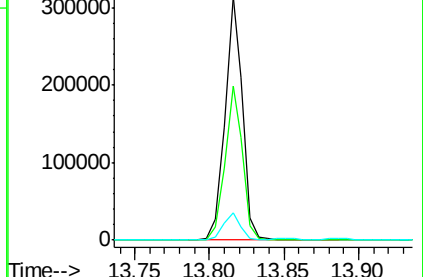
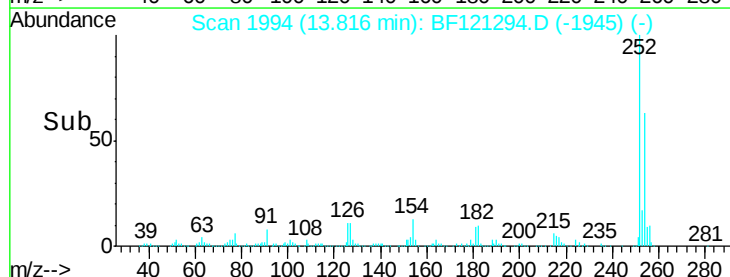
126 11.3 9.7 14.5

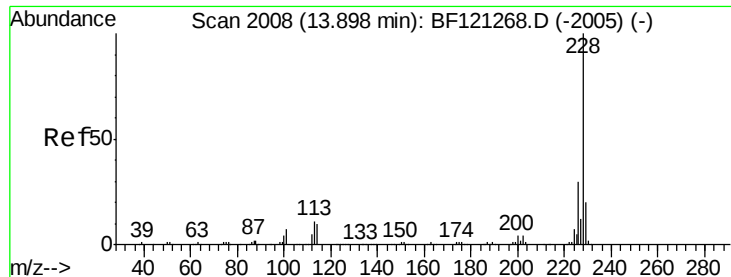


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

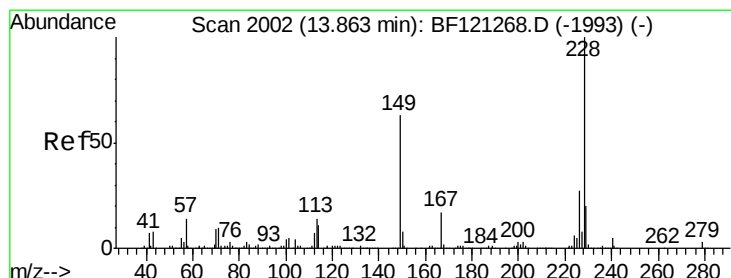
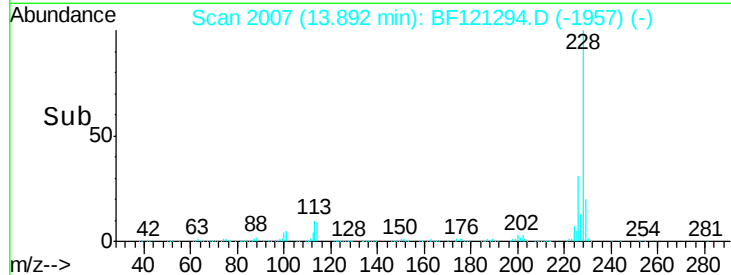
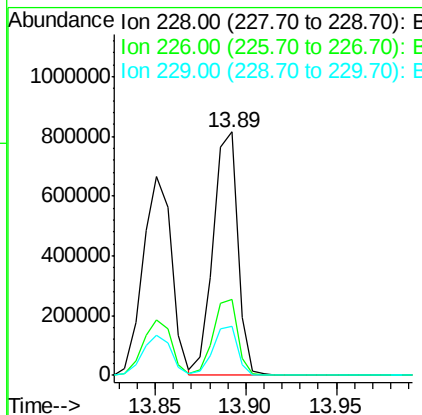
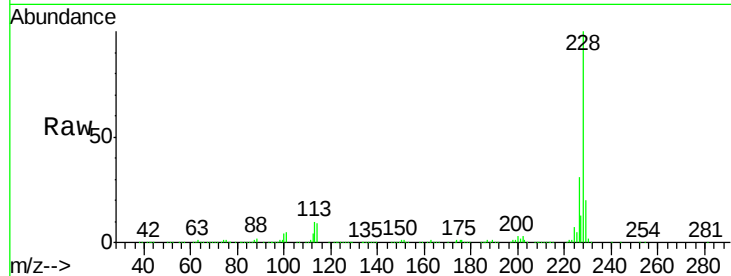




#83
 Chrvsene
 Concen: 38.129 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF121294.D
 Acq: 14 Aug 2020 19:52

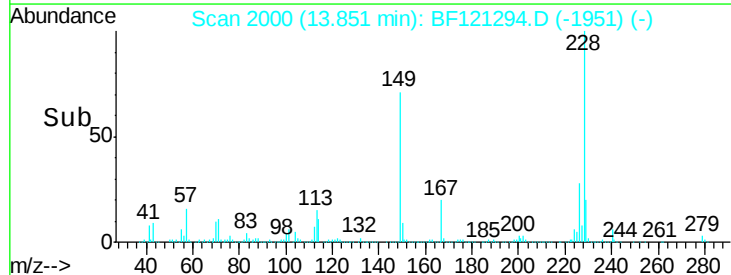
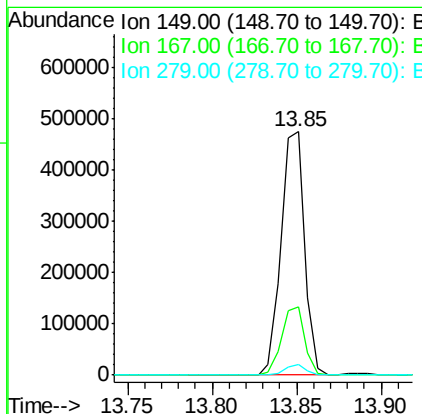
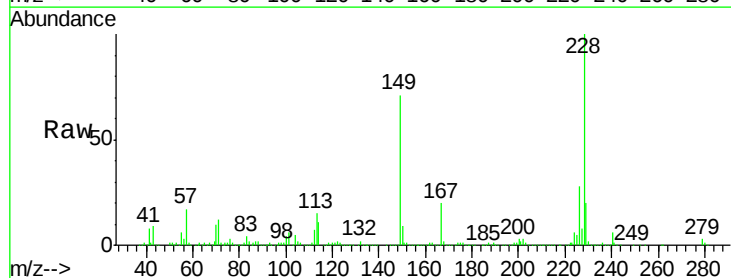
Instrument :
 BNA_F
 ClientSampleId :
 TP-6-4-9FTMSD

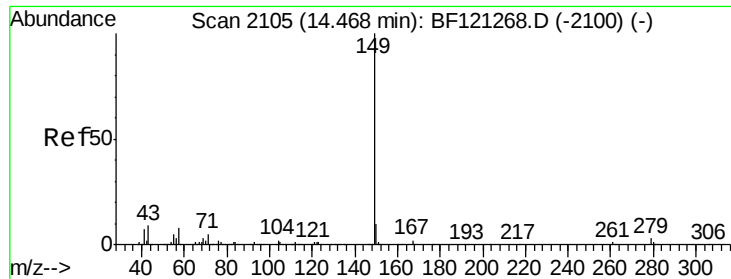
Tot Ion:228 Resp: 767675
 Ion Ratio Lower Upper
 228 100
 226 31.0 24.8 37.2
 229 20.1 16.2 24.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.708 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF121294.D
 Acq: 14 Aug 2020 19:52

Tgt Ion:149 Resp: 459660
 Ion Ratio Lower Upper
 149 100
 167 27.9 21.8 32.8
 279 4.4 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 41.559 ng

RT: 14.46 min Scan# 2103

Delta R.T. -0.01 min

Lab File: BF121294.D

Acq: 14 Aug 2020 19:52

Instrument :

BNA_F

ClientSampleId :

TP-6-4-9FTMSD

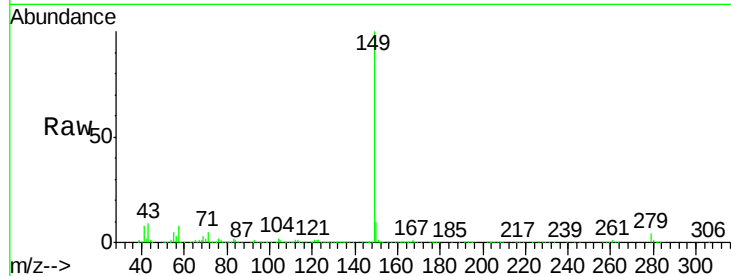
Tot Ion:149 Resp: 928838

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

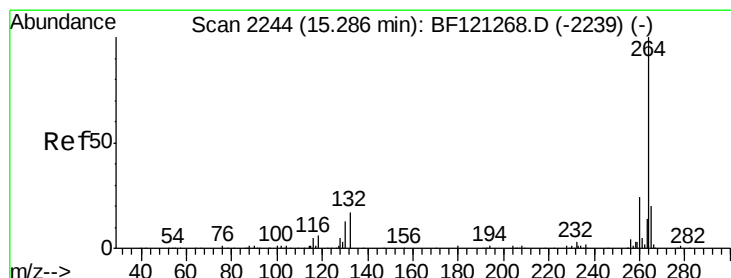
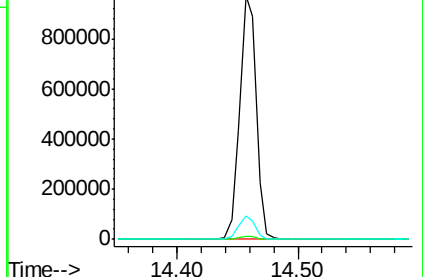
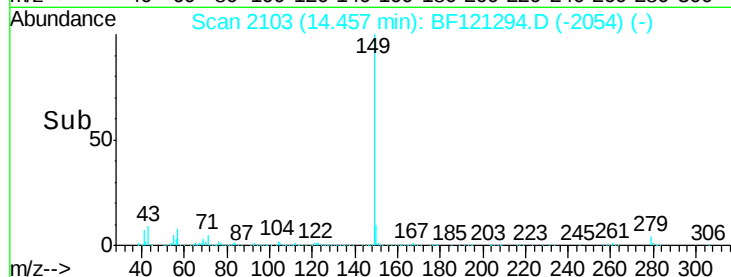
43 9.1 7.4 11.0



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: 15.27 min Scan# 2242

Delta R.T. -0.01 min

Lab File: BF121294.D

Acq: 14 Aug 2020 19:52

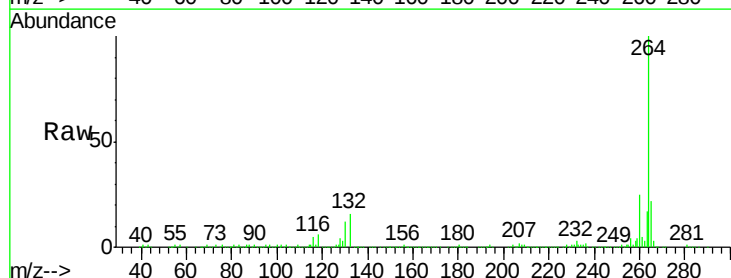
Tgt Ion:264 Resp: 291152

Ion Ratio Lower Upper

264 100

260 24.6 19.5 29.3

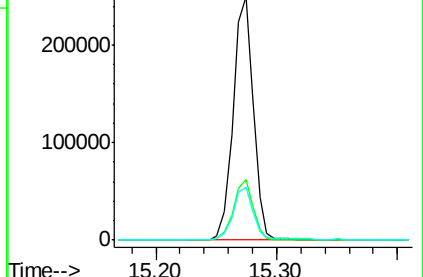
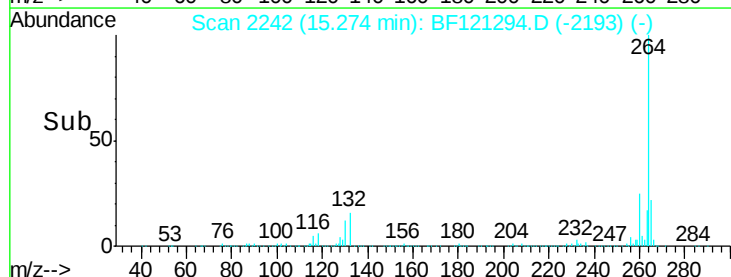
265 21.9 17.1 25.7

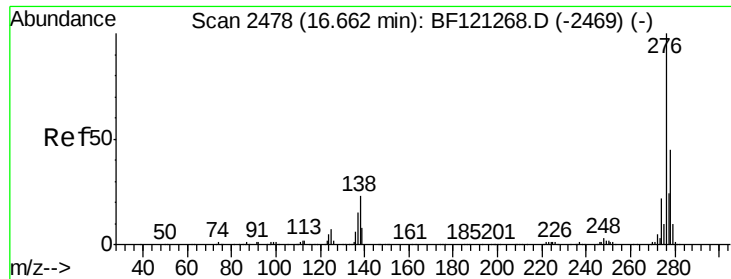


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

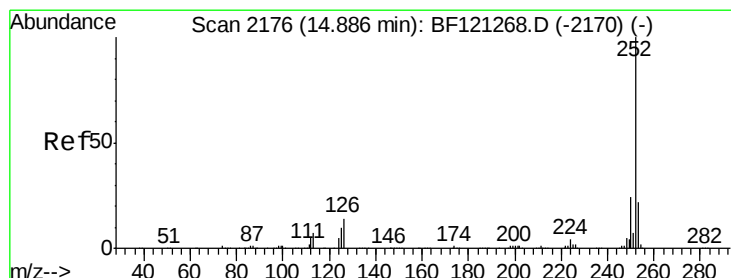
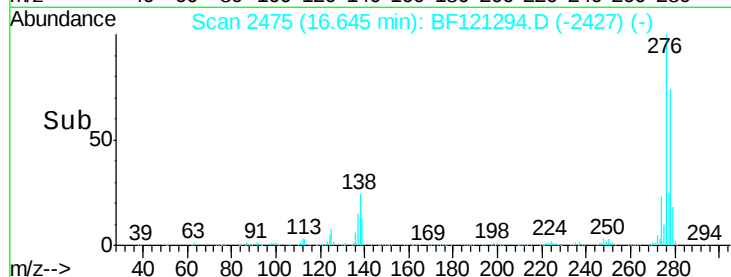
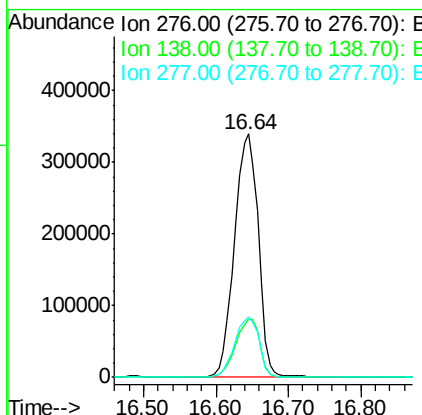
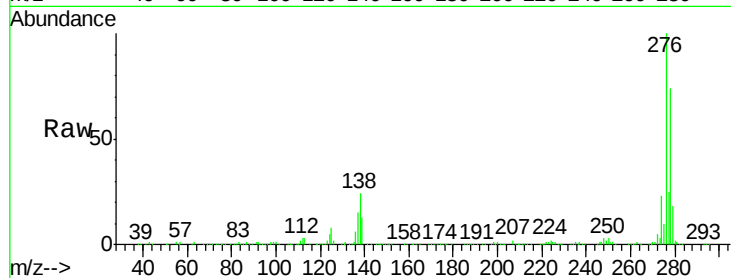




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 36.035 ng
 RT: 16.64 min Scan# 2475
 Delta R.T. -0.02 min
 Lab File: BF121294.D
 Acq: 14 Aug 2020 19:52

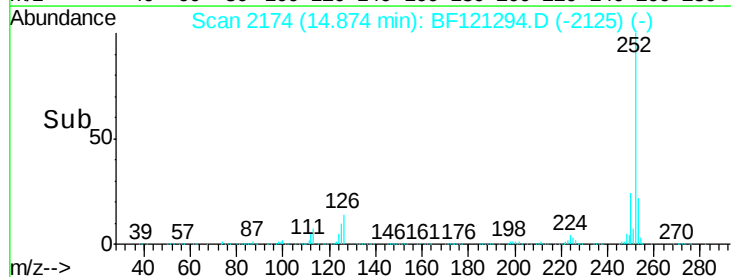
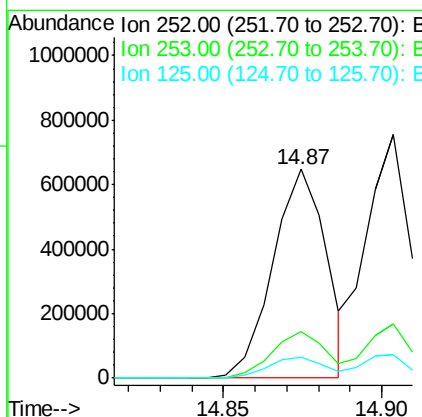
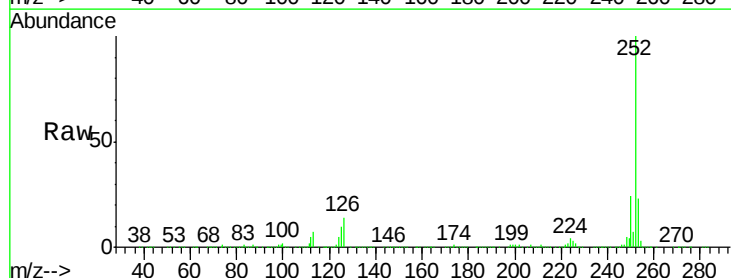
Instrument :
 BNA_F
 ClientSampleId :
 TP-6-4-9FTMSD

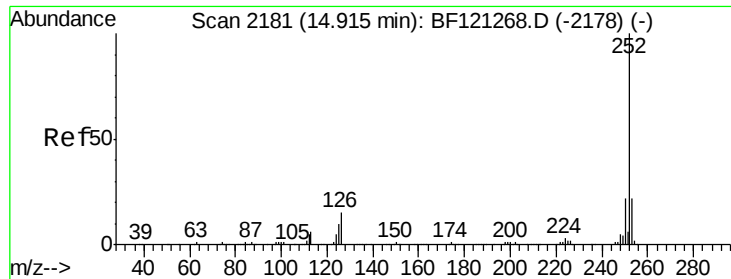
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.1	19.6	29.4
277	25.4	20.0	30.0



#88
 Benzo(b)fluoranthene
 Concen: 38.869 ng
 RT: 14.87 min Scan# 2174
 Delta R.T. -0.01 min
 Lab File: BF121294.D
 Acq: 14 Aug 2020 19:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	10.2	7.6	11.4

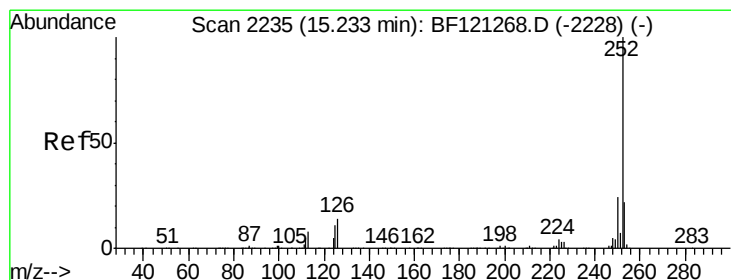
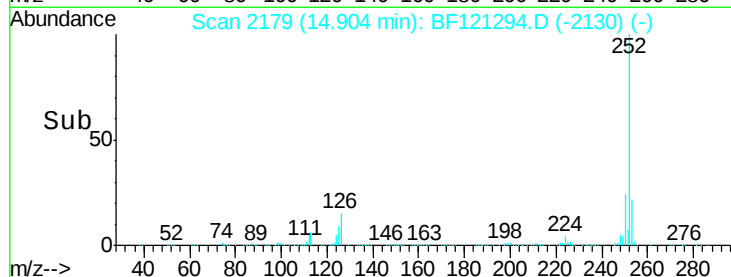
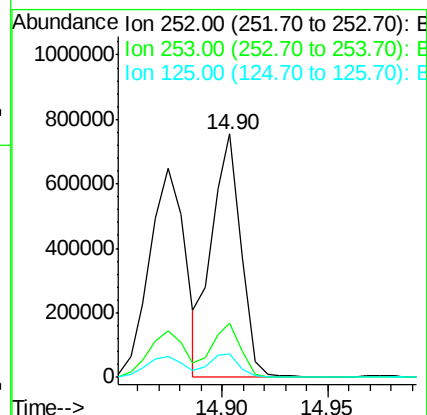
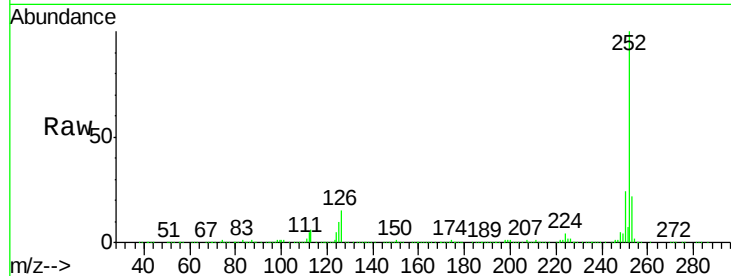




#89
Benzo(k)fluoranthene
Concen: 39.835 ng
RT: 14.90 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BF121294.D
Acq: 14 Aug 2020 19:52

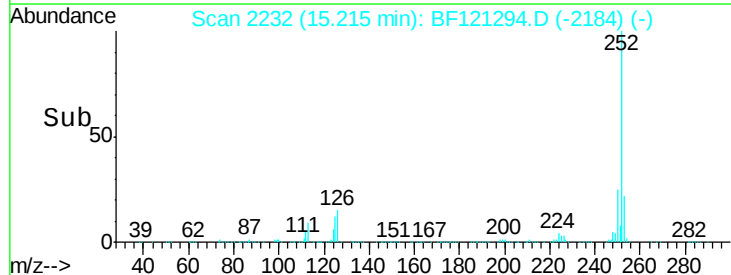
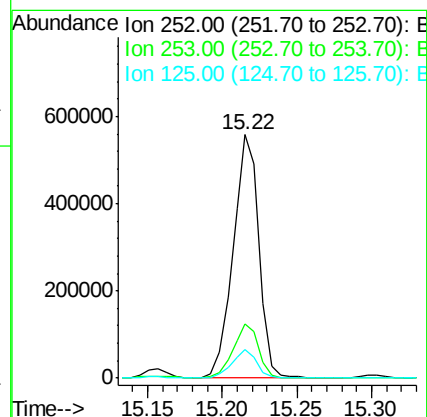
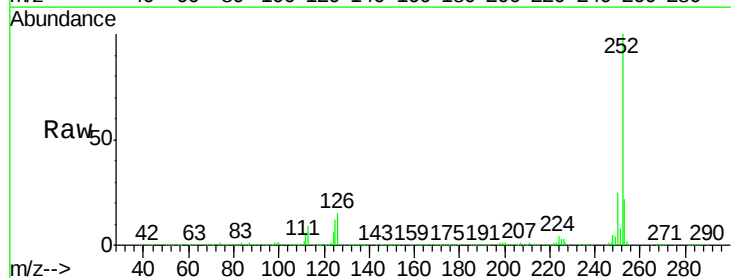
Instrument :
BNA_F
ClientSampleId :
TP-6-4-9FTMSD

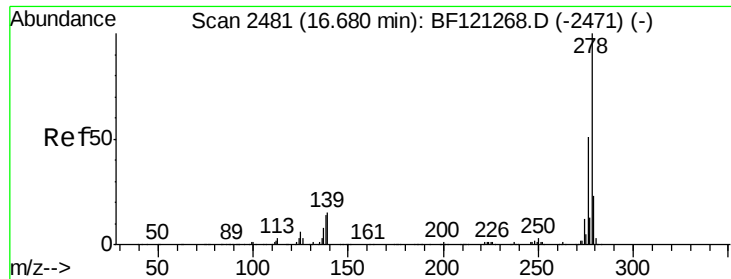
Tot Ion:252 Resp: 721643
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 9.6 8.8 13.2



#90
Benzo(a)pyrene
Concen: 38.061 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.02 min
Lab File: BF121294.D
Acq: 14 Aug 2020 19:52

Tgt Ion:252 Resp: 670173
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 11.7 9.3 13.9





#91

Dibenzo(a,h)anthracene

Concen: 34.292 ng

RT: 16.66 min Scan# 2477

Delta R.T. -0.02 min

Lab File: BF121294.D

Acq: 14 Aug 2020 19:52

Instrument :

BNA_F

ClientSampleId :

TP-6-4-9FTMSD

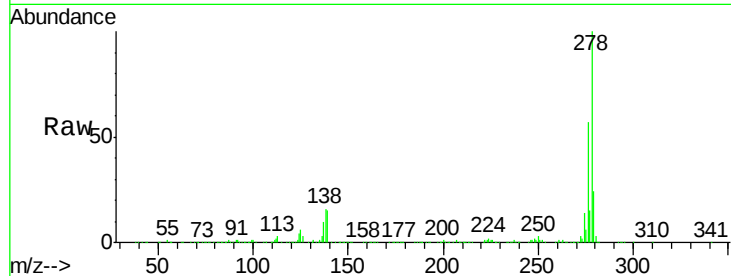
Tot Ion:278 Resp: 636050

Ion Ratio Lower Upper

278 100

139 15.2 12.6 19.0

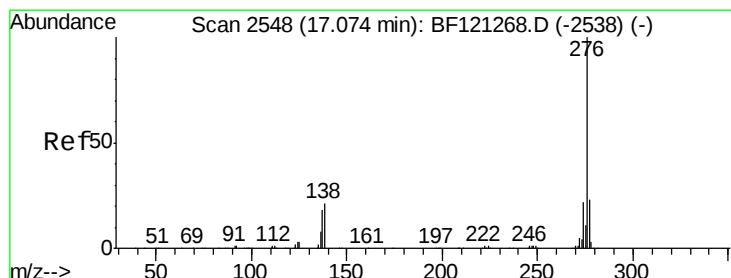
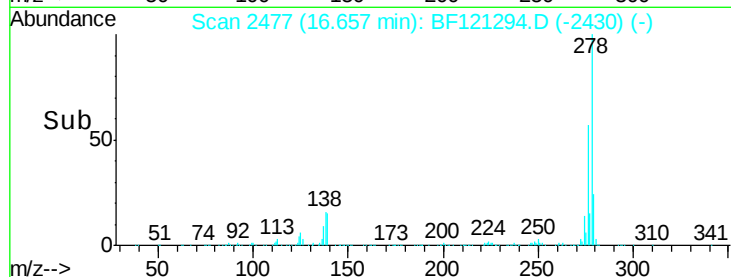
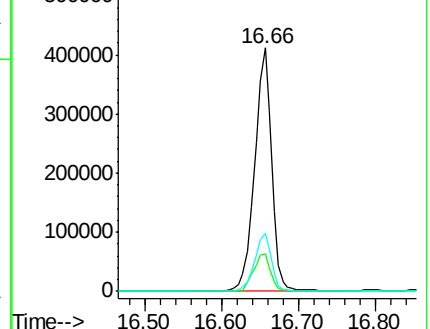
279 24.0 18.8 28.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 35.985 ng

RT: 17.05 min Scan# 2544

Delta R.T. -0.02 min

Lab File: BF121294.D

Acq: 14 Aug 2020 19:52

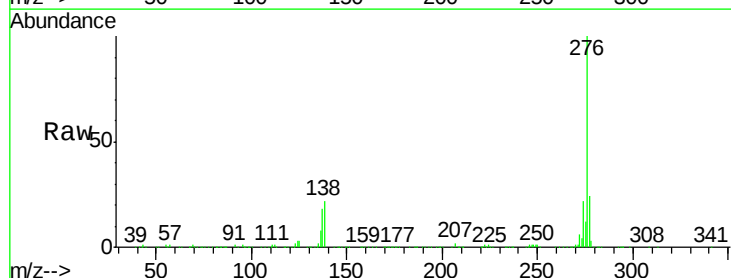
Tgt Ion:276 Resp: 658679

Ion Ratio Lower Upper

276 100

277 24.0 19.1 28.7

138 22.0 16.2 24.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

