

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082020\
 Data File : BF121344.D
 Acq On : 20 Aug 2020 13:40
 Operator : JU/CG
 Sample : L3507-08MS 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-081820

Quant Time: Aug 20 15:35:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 04:56:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	143621	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	557444	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	278341	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	503253	20.00	ng	0.00
76) Chrysene-d12	13.85	240	339723	20.00	ng	0.00
86) Perylene-d12	15.26	264	397585	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	319138	36.44	ng	0.00
7) Phenol-d6	6.33	99	384551	34.39	ng	0.00
23) Nitrobenzene-d5	7.26	82	241071	24.46	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	106281	32.77	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	480071	23.80	ng	0.00
79) Terphenyl-d14	12.79	244	423909	24.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.32	88	43968	11.093	ng	95
3) Pyridine	3.03	79	100425	9.440	ng	99
4) n-Nitrosodimethylamine	2.95	42	54855	12.669	ng	97
6) Aniline	6.35	93	155685	12.058	ng	98
8) 2-Chlorophenol	6.47	128	128833	14.073	ng	97
9) Benzaldehyde	6.24	77	77906	12.385	ng	97
10) Phenol	6.35	94	166074	14.165	ng	94
11) bis(2-Chloroethyl)ether	6.43	93	125079	13.852	ng	97
12) 1,3-Dichlorobenzene	6.63	146	134093	13.074	ng	98
13) 1,4-Dichlorobenzene	6.71	146	136801	13.213	ng	99
14) 1,2-Dichlorobenzene	6.86	146	130597	13.245	ng	98
15) Benzyl Alcohol	6.84	79	102203	15.192	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	172322	12.961	ng	99
17) 2-Methylphenol	6.96	107	103695	13.728	ng	99
18) Hexachloroethane	7.20	117	42586	11.046	ng	96
19) n-Nitroso-di-n-propylamine	7.10	70	86328	14.356	ng	98
20) 3+4-Methylphenols	7.12	107	136042	12.366	ng	# 78
22) Acetophenone	7.10	105	182214	13.981	ng	# 93
24) Nitrobenzene	7.27	77	130374	12.978	ng	98
25) Isophorone	7.52	82	240197	13.391	ng	99
26) 2-Nitrophenol	7.59	139	60082	11.662	ng	95
27) 2,4-Dimethylphenol	7.64	122	113221	15.401	ng	98
28) bis(2-Chloroethoxy)methane	7.73	93	151644	12.419	ng	100
29) 2,4-Dichlorophenol	7.85	162	104787	13.055	ng	97
30) 1,2,4-Trichlorobenzene	7.92	180	114014	12.422	ng	99
31) Naphthalene	8.00	128	385418	13.892	ng	99
32) Benzoic acid	7.74	122	49918	14.472	ng	95
33) 4-Chloroaniline	8.05	127	124150	10.106	ng	99
34) Hexachlorobutadiene	8.12	225	66620	12.265	ng	99
35) Caprolactam	8.40	113	33782	12.851	ng	96
36) 4-Chloro-3-methylphenol	8.53	107	108975	13.424	ng	97
37) 2-Methylnaphthalene	8.69	142	266255	14.807	ng	99
38) 1-Methylnaphthalene	8.79	142	250016	14.623	ng	97
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	115300	13.957	ng	99

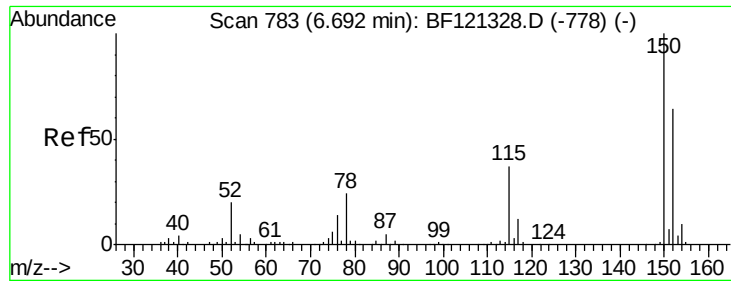
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082020\
 Data File : BF121344.D
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 QLast Update : Thu Aug 20 04:56:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.84	237	2911	7.000	ng	96
43) 2,4,6-Trichlorophenol	8.97	196	74878	13.258	ng	98
44) 2,4,5-Trichlorophenol	9.01	196	80069	13.780	ng	99
46) 1,1'-Biphenyl	9.15	154	308513	14.788	ng	97
47) 2-Chloronaphthalene	9.17	162	227675	13.247	ng	96
48) 2-Nitroaniline	9.27	65	70905	13.103	ng	95
49) Acenaphthylene	9.59	152	383108	15.007	ng	99
50) Dimethylphthalate	9.45	163	325998	16.099	ng	99
51) 2,6-Dinitrotoluene	9.52	165	54959	12.708	ng	95
52) Acenaphthene	9.76	154	238288	15.362	ng	98
53) 3-Nitroaniline	9.68	138	60120	11.113	ng	95
55) Dibenzofuran	9.93	168	355465	14.266	ng	100
56) 4-Nitrophenol	9.86	139	84889	25.443	ng	91
57) 2,4-Dinitrotoluene	9.92	165	68316	12.949	ng	95
58) Fluorene	10.27	166	300804	16.785	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.05	232	63552	12.795	ng	# 98
60) Diethylphthalate	10.15	149	269683	13.638	ng	99
61) 4-Chlorophenyl-phenylether	10.26	204	123714	12.296	ng	99
62) 4-Nitroaniline	10.29	138	63182	11.398	ng	97
63) Azobenzene	10.42	77	247655	13.484	ng	98
66) n-Nitrosodiphenylamine	10.38	169	227987	14.687	ng	99
67) 4-Bromophenyl-phenylether	10.75	248	75179	13.467	ng	96
68) Hexachlorobenzene	10.82	284	82440	12.812	ng	93
69) Atrazine	10.91	200	58271	12.118	ng	98
70) Pentachlorophenol	11.02	266	72528	25.333	ng	98
71) Phenanthrene	11.23	178	627992	24.111	ng	99
72) Anthracene	11.28	178	444539	17.724	ng	99
73) Carbazole	11.44	167	336948	14.076	ng	99
74) Di-n-butylphthalate	11.77	149	423040	14.656	ng	99
75) Fluoranthene	12.42	202	663202	23.459	ng	97
77) Benzidine	12.55	184	160509	17.149	ng	99
78) Pyrene	12.65	202	641991	25.157	ng	99
80) Butylbenzylphthalate	13.27	149	154058	14.050	ng	97
81) Benzo(a)anthracene	13.83	228	421798	19.990	ng	98
82) 3,3'-Dichlorobenzidine	13.80	252	107900	13.318	ng	98
83) Chrysene	13.87	228	402298	18.642	ng	99
84) Bis(2-ethylhexyl)phthalate	13.83	149	203508	15.782	ng	100
85) Di-n-octyl phthalate	14.44	149	366492	15.357	ng	97
87) Indeno(1,2,3-cd)pyrene	16.61	276	371360	15.301	ng	100
88) Benzo(b)fluoranthene	14.86	252	447502	17.422	ng	99
89) Benzo(k)fluoranthene	14.88	252	330824	14.632	ng	99
90) Benzo(a)pyrene	15.20	252	383617	17.285	ng	99
91) Dibenzo(a,h)anthracene	16.62	278	271791	13.659	ng	99
92) Benzo(g,h,i)perylene	17.02	276	311214	15.998	ng	100

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

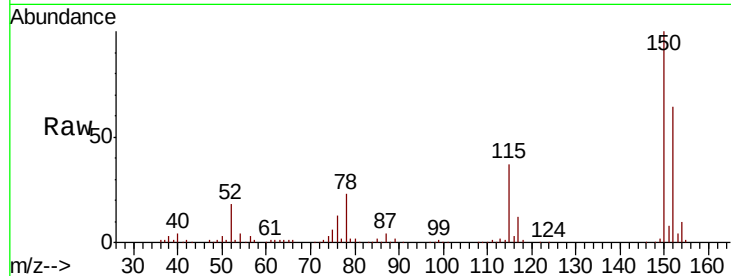


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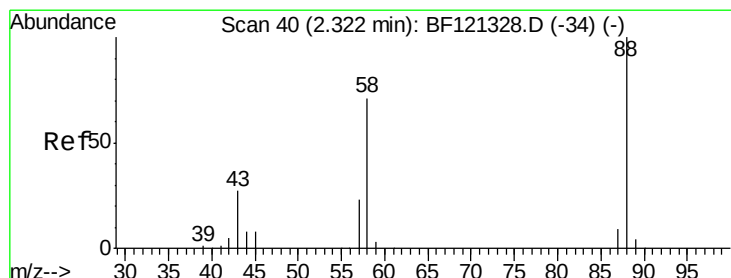
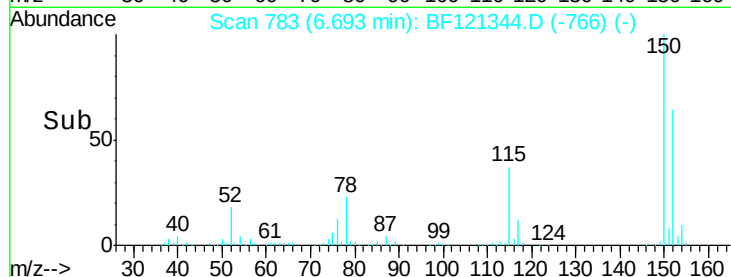
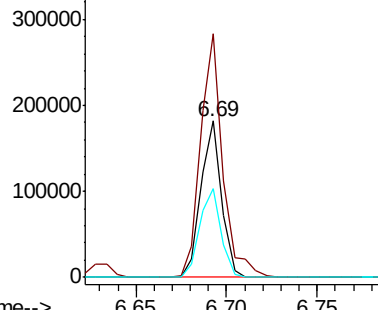
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF121344.D
 Acq: 20 Aug 2020 13:40

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-081820

Tot Ion:152 Resp: 143621
 Ion Ratio Lower Upper
 152 100
 150 156.1 124.8 187.2
 115 57.1 46.1 69.1



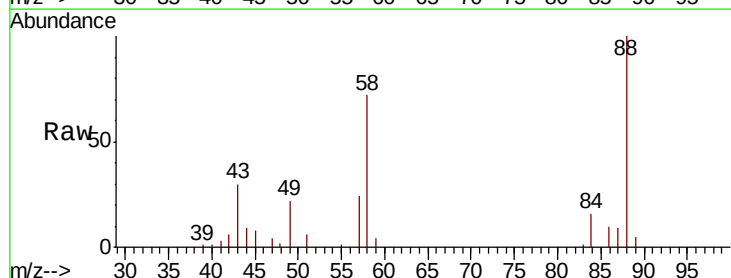
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



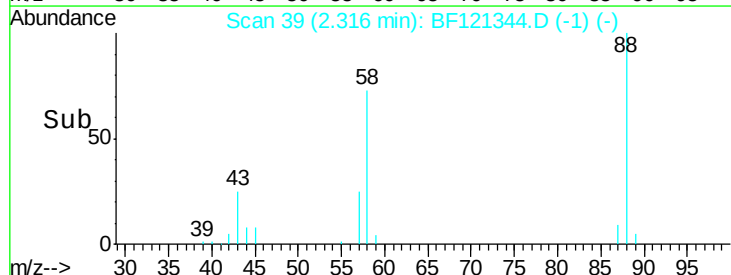
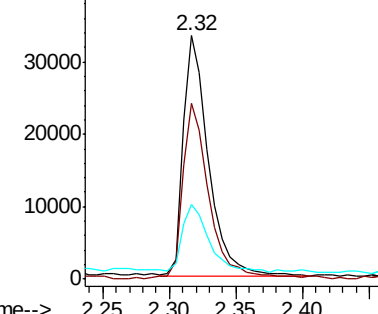
#2

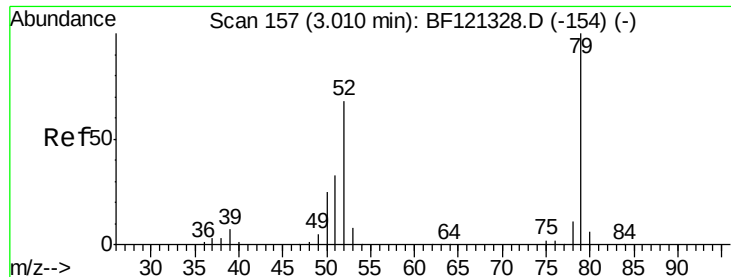
1,4-Dioxane
 Concen: 11.093 ng
 RT: 2.32 min Scan# 39
 Delta R.T. -0.01 min
 Lab File: BF121344.D
 Acq: 20 Aug 2020 13:40

Tgt Ion: 88 Resp: 43968
 Ion Ratio Lower Upper
 88 100
 58 77.5 58.5 87.7
 43 29.3 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: 9.440 ng

RT: 3.03 min Scan# 161

Delta R.T. 0.02 min

Lab File: BF121344.D

Acq: 20 Aug 2020 13:40

Instrument :

BNA_F

ClientSampleId :

SU-02-081820

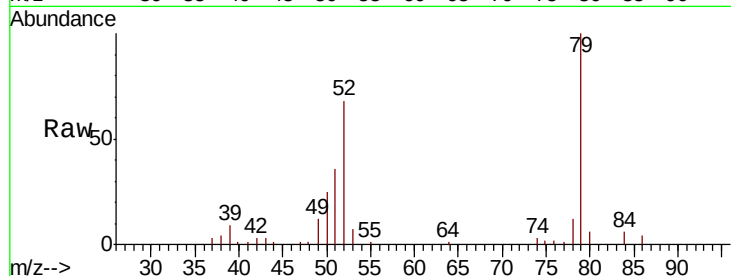
Tot Ion: 79 Resp: 100425

Ion Ratio Lower Upper

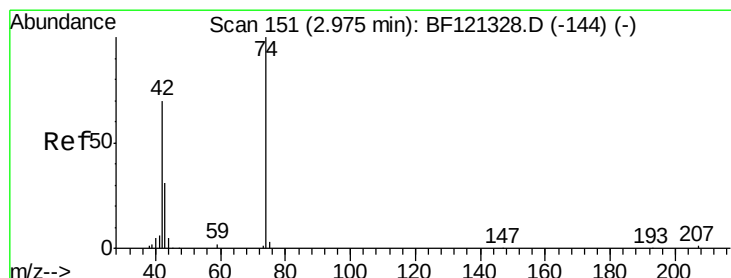
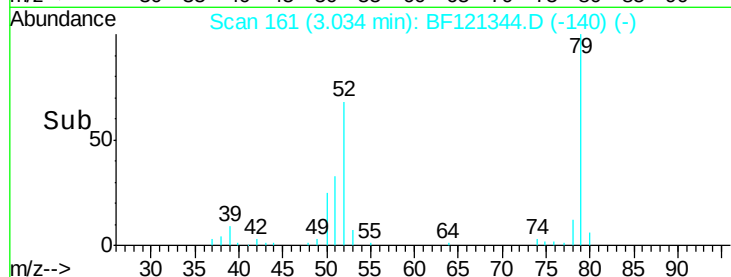
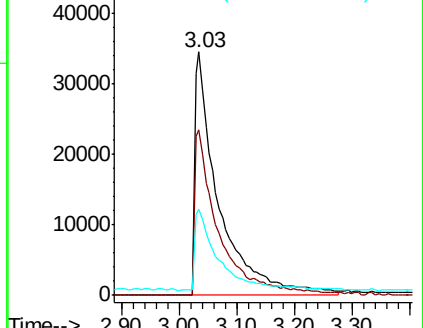
79 100

52 67.8 54.6 82.0

51 35.5 27.0 40.6



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 12.669 ng

RT: 2.95 min Scan# 147

Delta R.T. -0.02 min

Lab File: BF121344.D

Acq: 20 Aug 2020 13:40

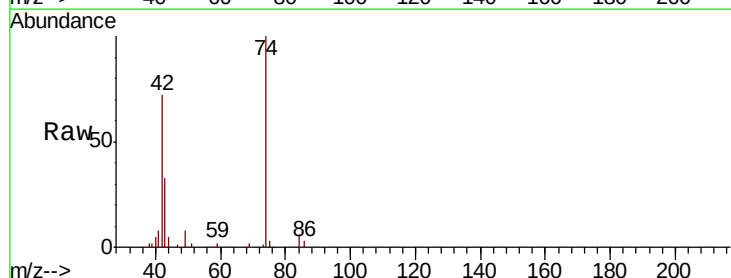
Tgt Ion: 42 Resp: 54855

Ion Ratio Lower Upper

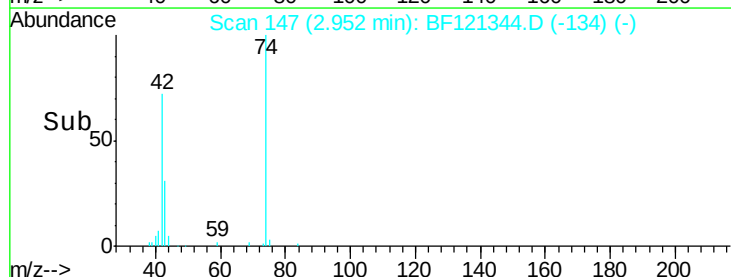
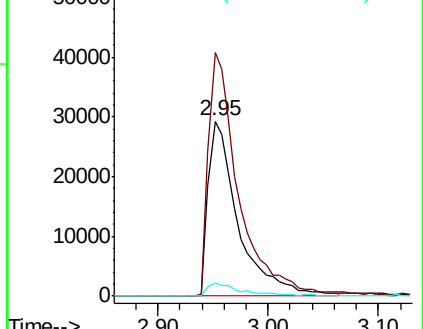
42 100

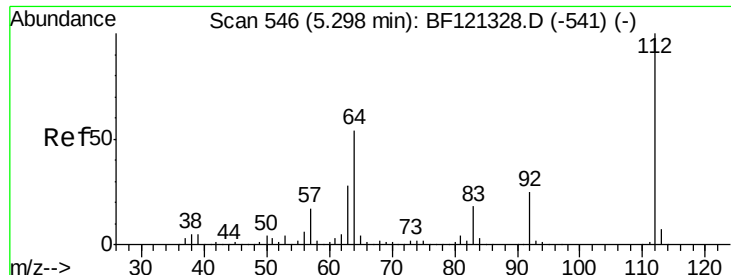
74 139.4 114.2 171.2

44 7.4 5.4 8.2



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 36.436 ng

RT: 5.30 min Scan# 546

Delta R.T. 0.00 min

Lab File: BF121344.D

Acq: 20 Aug 2020 13:40

Instrument :

BNA_F

ClientSampleId :

SU-02-081820

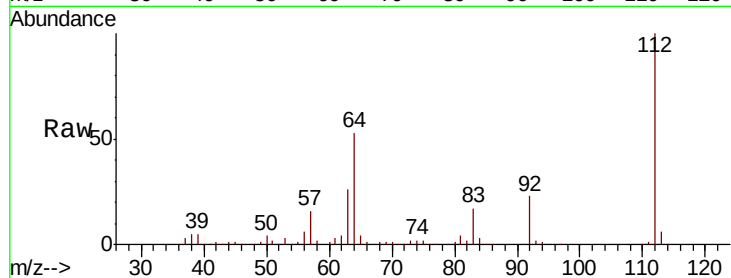
Tot Ion:112 Resp: 319138

Ion Ratio Lower Upper

112 100

64 52.9 43.5 65.3

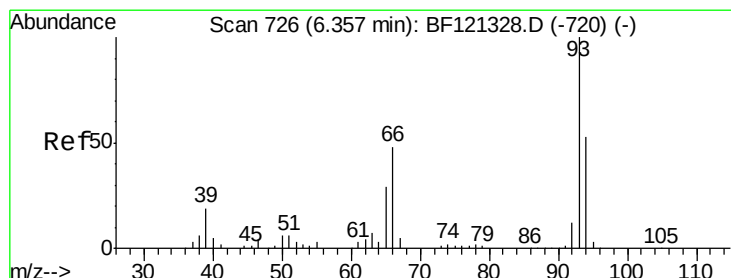
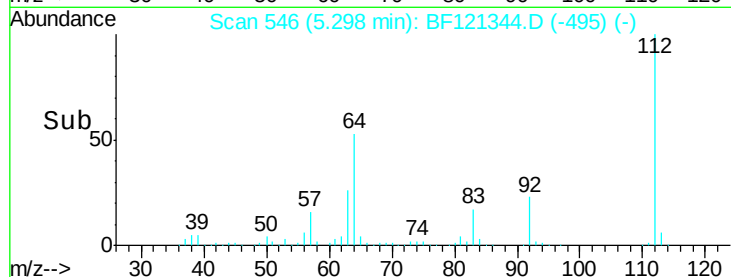
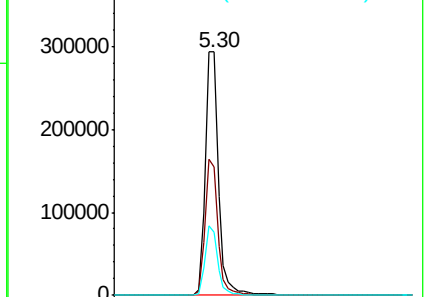
63 26.1 22.0 33.0



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 12.058 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF121344.D

Acq: 20 Aug 2020 13:40

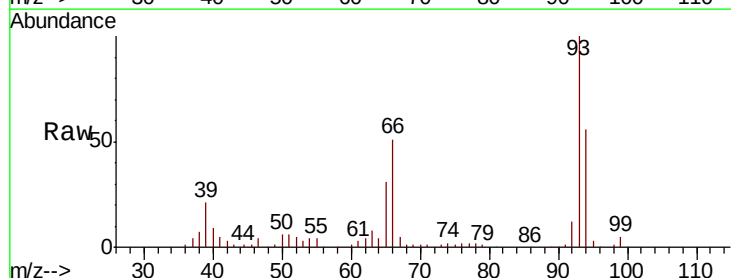
Tgt Ion: 93 Resp: 155685

Ion Ratio Lower Upper

93 100

66 51.4 40.2 60.2

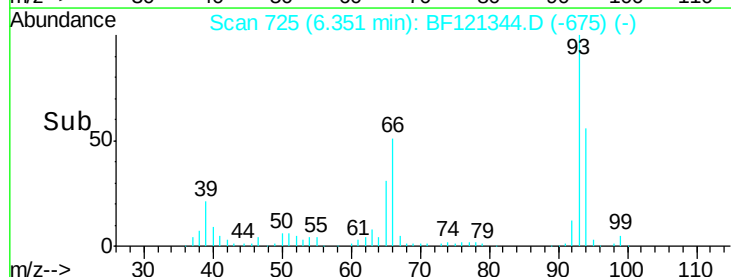
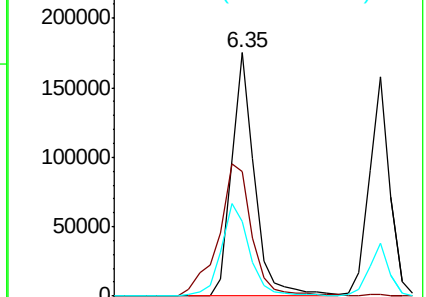
65 30.6 23.6 35.4

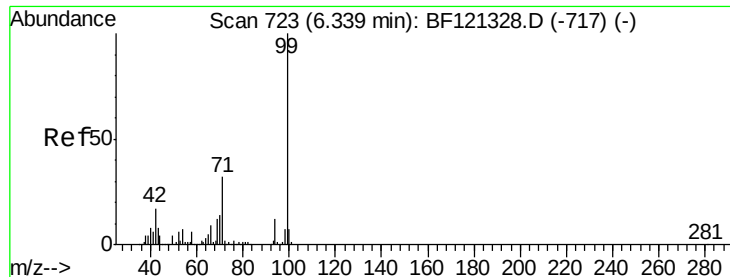


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 34.392 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF121344.D

Acq: 20 Aug 2020 13:40

Instrument :

BNA_F

ClientSampleId :

SU-02-081820

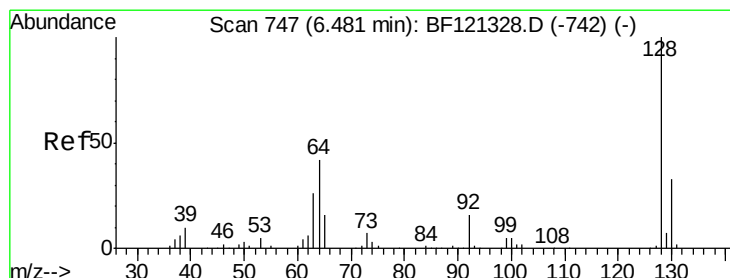
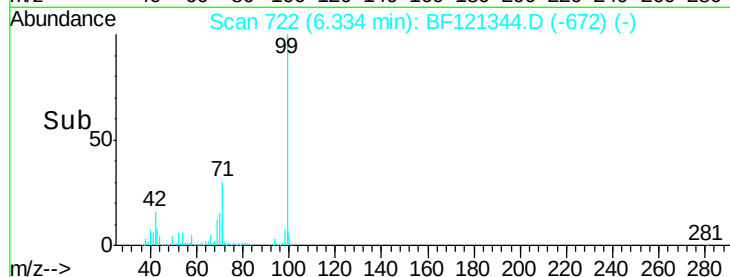
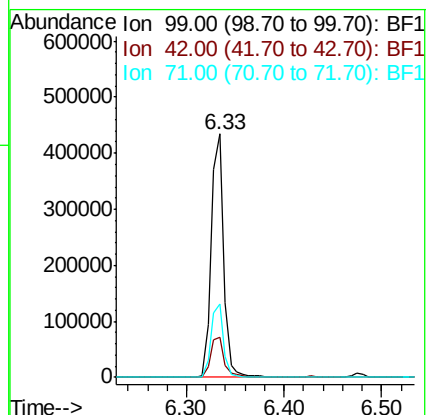
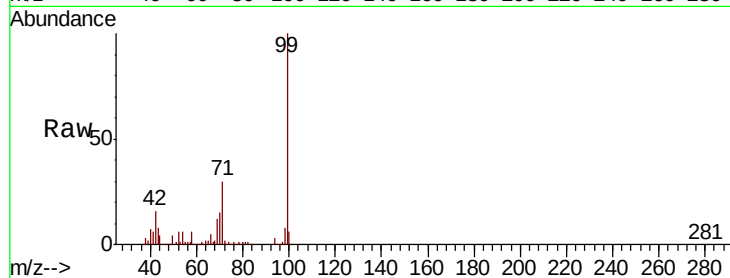
Tot Ion: 99 Resp: 384551

Ion Ratio Lower Upper

99 100

42 16.3 13.5 20.3

71 30.3 25.2 37.8



#8

2-Chlorophenol

Concen: 14.073 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF121344.D

Acq: 20 Aug 2020 13:40

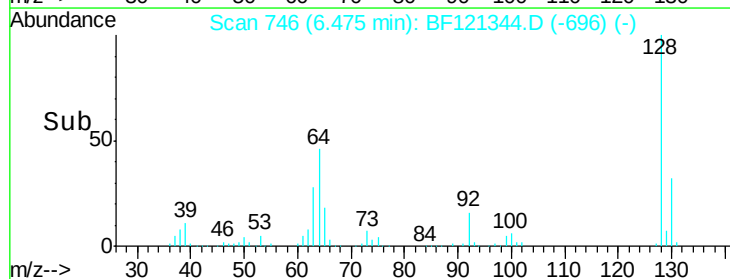
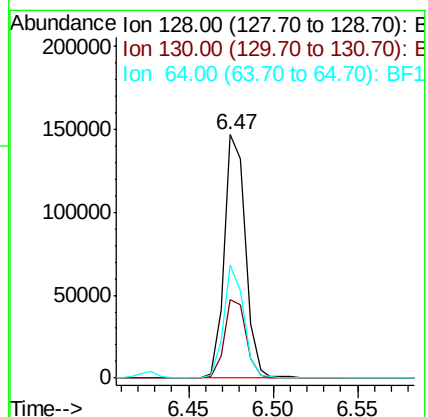
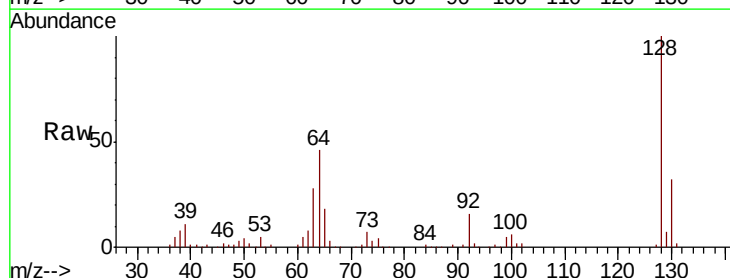
Tgt Ion: 128 Resp: 128833

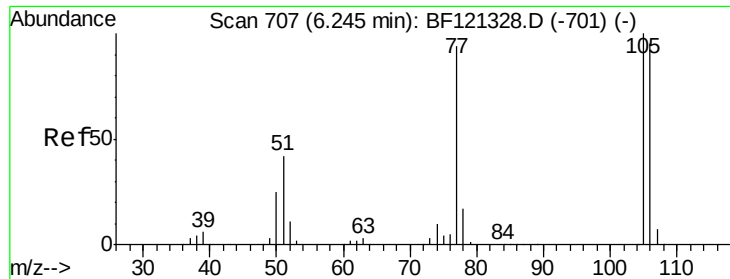
Ion Ratio Lower Upper

128 100

130 32.2 12.8 52.8

64 46.2 23.4 63.4

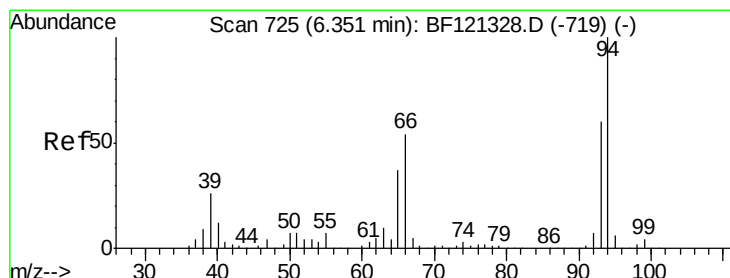
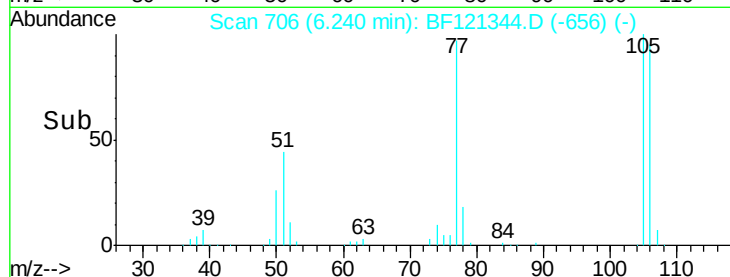
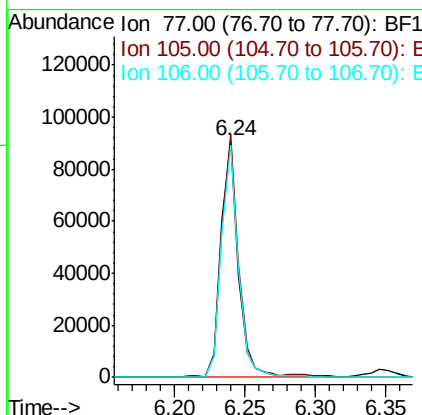
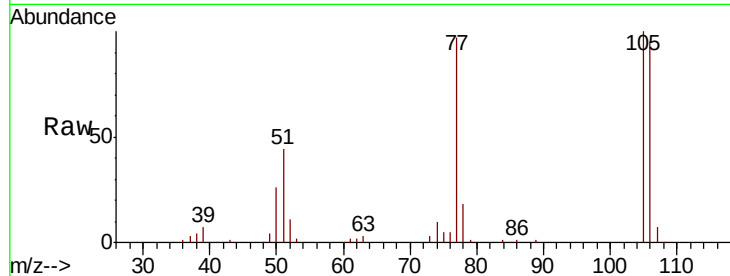




#9
Benzaldehyde
Concen: 12.385 ng
RT: 6.24 min Scan# 706
Delta R.T. -0.01 min
Lab File: BF121344.D
Acq: 20 Aug 2020 13:40

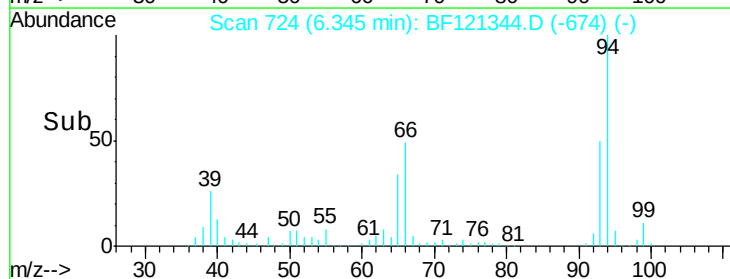
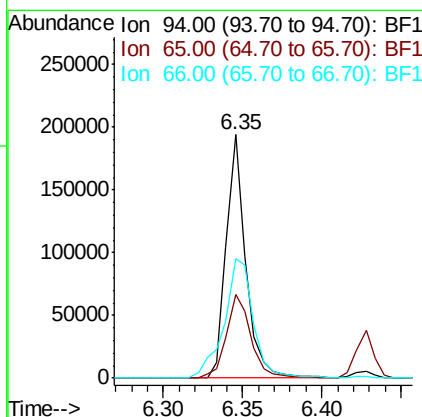
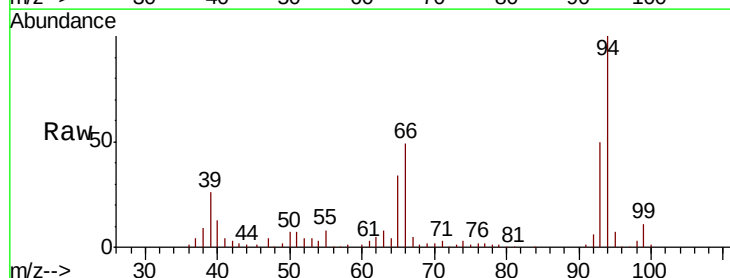
Instrument :
BNA_F
ClientSampleId :
SU-02-081820

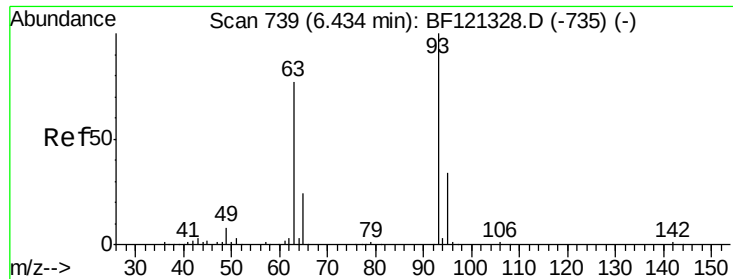
Tot Ion: 77 Resp: 77906
Ion Ratio Lower Upper
77 100
105 103.1 86.3 126.3
106 98.2 81.2 121.2



#10
Phenol
Concen: 14.165 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF121344.D
Acq: 20 Aug 2020 13:40

Tgt Ion: 94 Resp: 166074
Ion Ratio Lower Upper
94 100
65 34.4 16.6 56.6
66 49.2 34.3 74.3

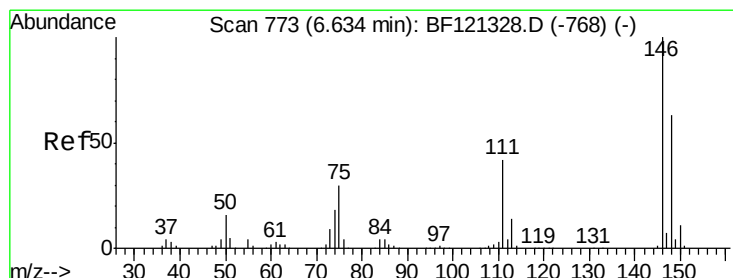
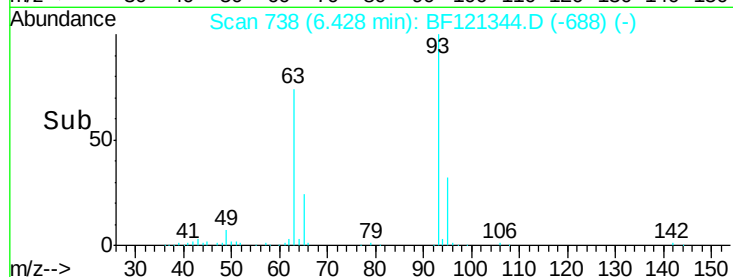
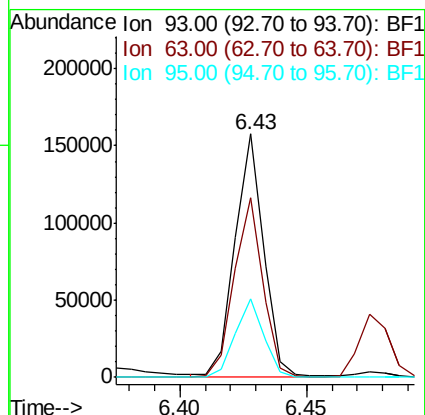
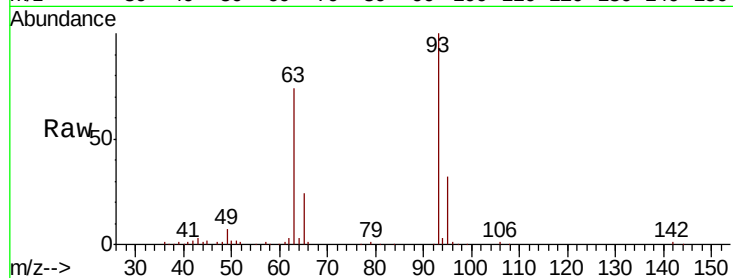




#11
bis(2-Chloroethyl)ether
Concen: 13.852 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF121344.D
Acq: 20 Aug 2020 13:40

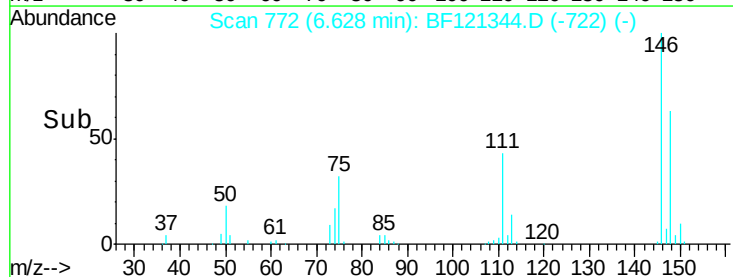
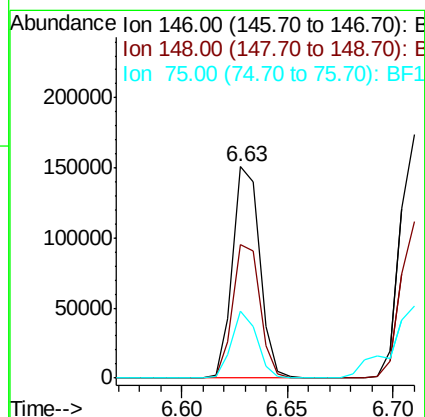
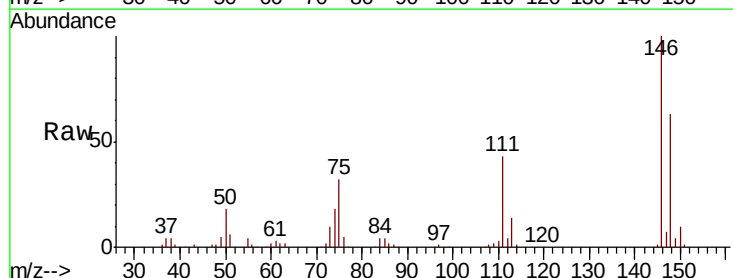
Instrument :
BNA_F
ClientSampleId :
SU-02-081820

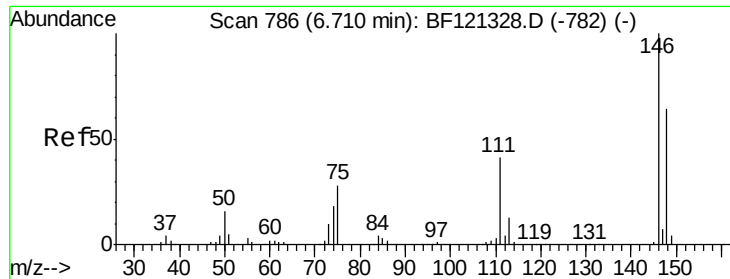
Tot Ion:	93	Resp:	125079
Ion	Ratio	Lower	Upper
93	100		
63	73.9	56.4	96.4
95	32.5	13.5	53.5



#12
1,3-Dichlorobenzene
Concen: 13.074 ng
RT: 6.63 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF121344.D
Acq: 20 Aug 2020 13:40

Tgt Ion:	146	Resp:	134093
Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.7	76.1
75	31.8	23.8	35.6

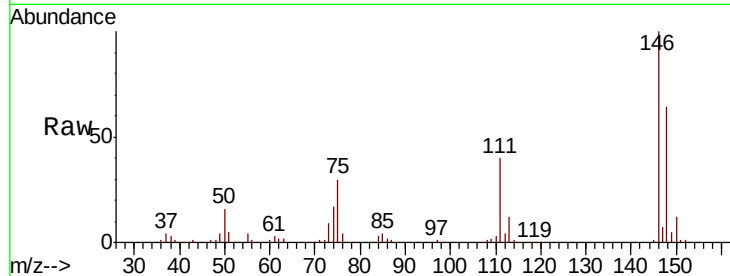




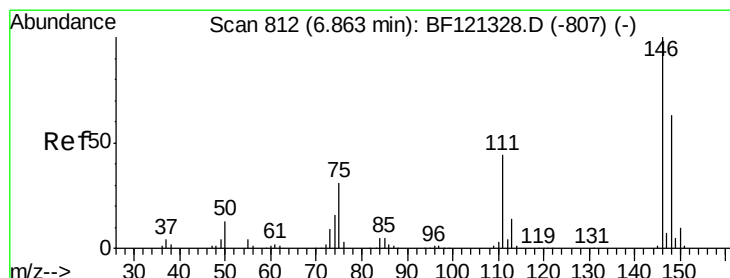
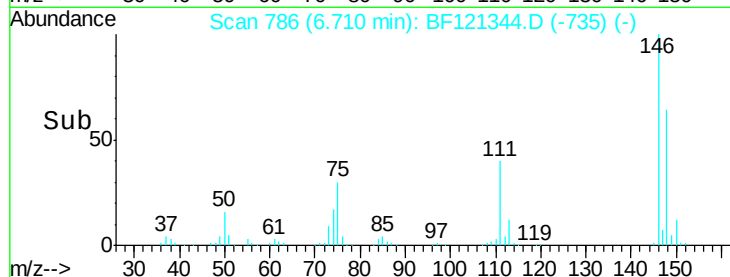
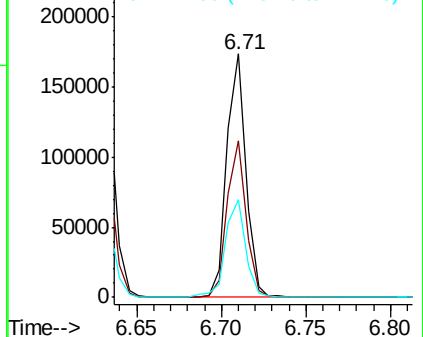
#13
 1,4-Dichlorobenzene
 Concen: 13.213 ng
 RT: 6.71 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF121344.D
 Acq: 20 Aug 2020 13:40

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-081820

Tot Ion:146 Resp: 136801
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.2 76.8
 111 40.3 33.3 49.9

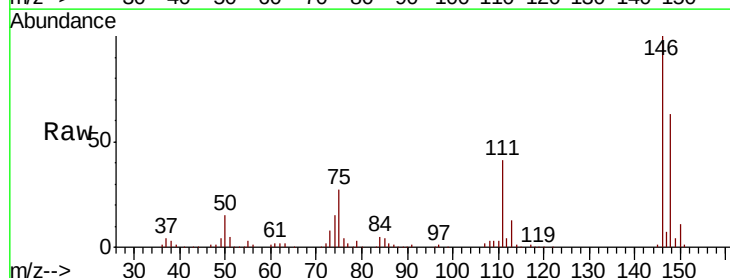


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

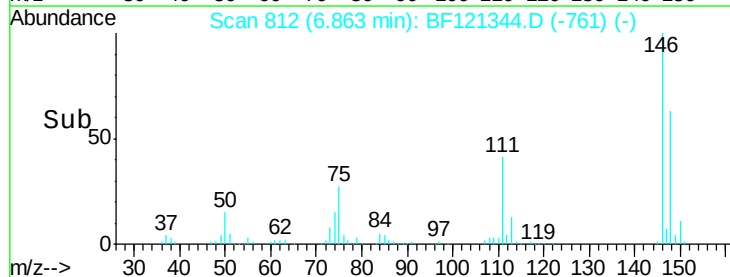
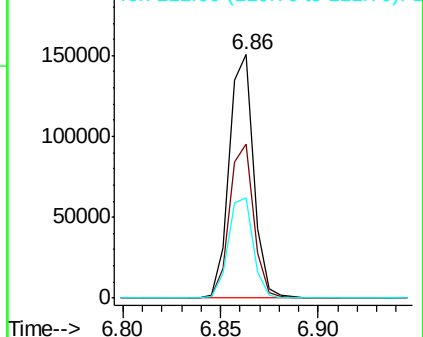


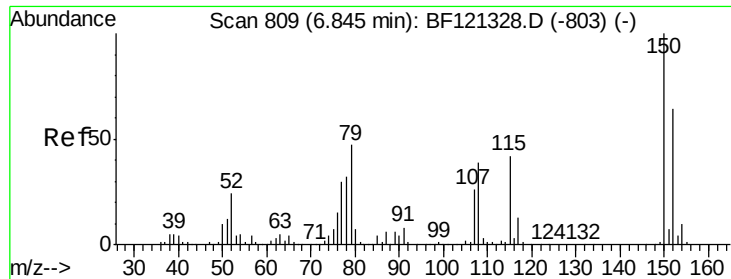
#14
 1,2-Dichlorobenzene
 Concen: 13.245 ng
 RT: 6.86 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF121344.D
 Acq: 20 Aug 2020 13:40

Tgt Ion:146 Resp: 130597
 Ion Ratio Lower Upper
 146 100
 148 63.1 50.3 75.5
 111 41.4 35.5 53.3



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

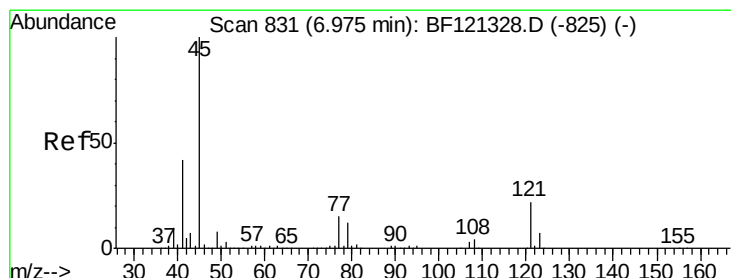
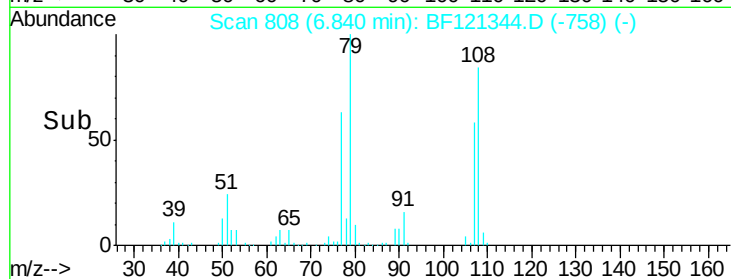
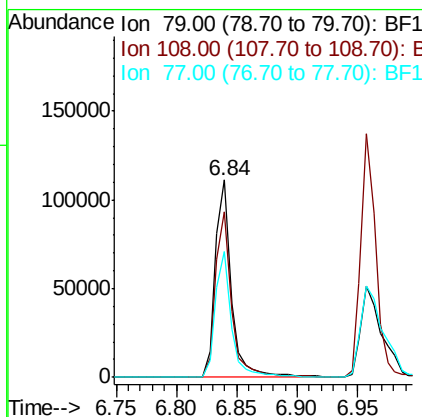
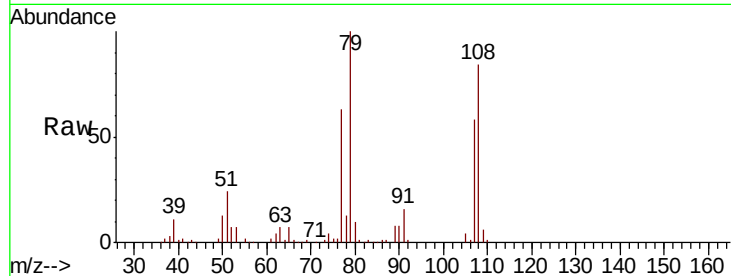




#15
Benzyl Alcohol
Concen: 15.192 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF121344.D
Acq: 20 Aug 2020 13:40

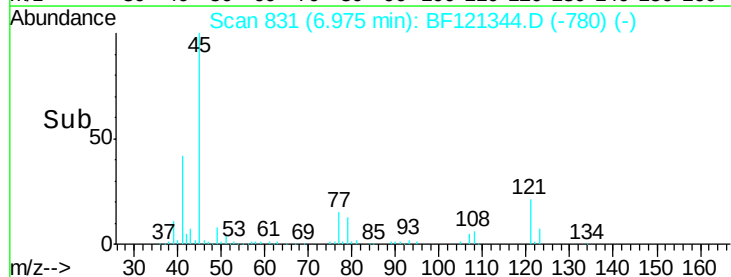
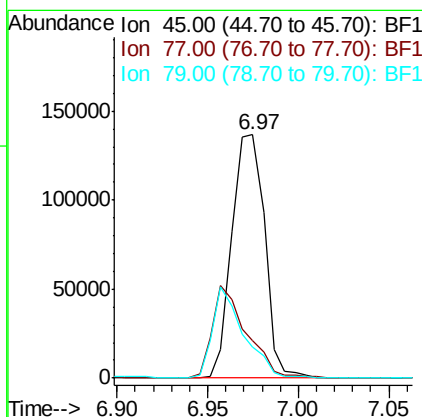
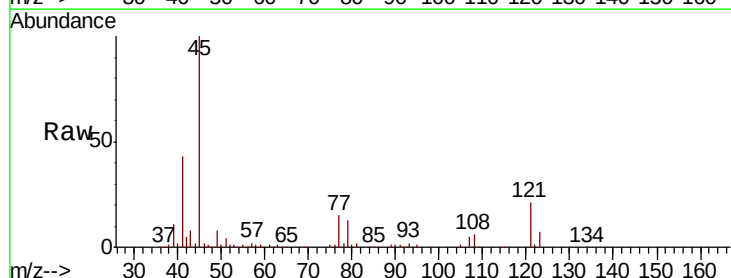
Instrument :
BNA_F
ClientSampleId :
SU-02-081820

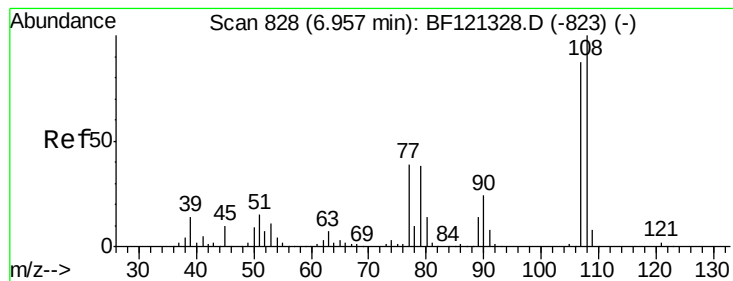
Tot Ion: 79 Resp: 102203
Ion Ratio Lower Upper
79 100
108 83.7 65.2 97.8
77 63.5 51.4 77.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 12.961 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF121344.D
Acq: 20 Aug 2020 13:40

Tgt Ion: 45 Resp: 172322
Ion Ratio Lower Upper
45 100
77 15.2 0.0 35.6
79 12.6 0.0 32.5

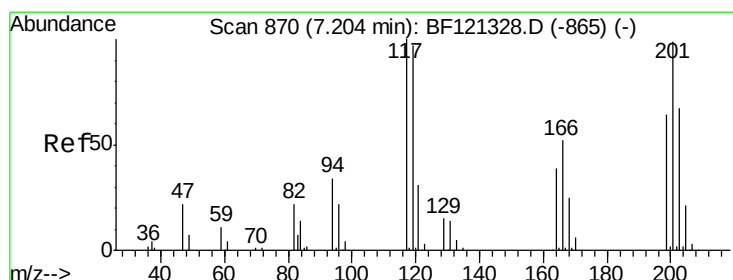
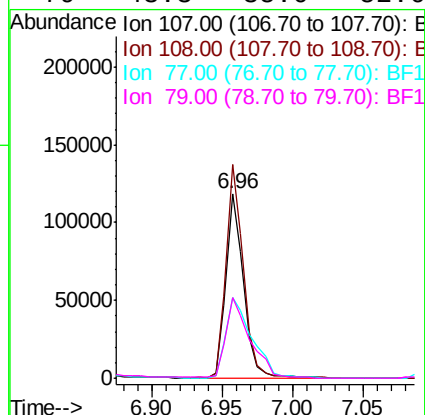
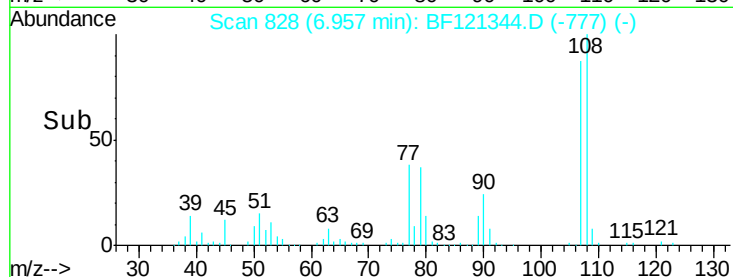
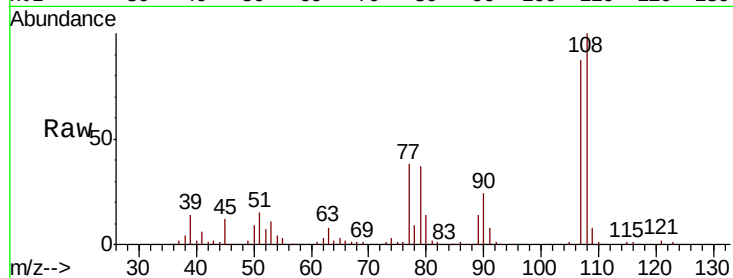




#17
2-Methylphenol
Concen: 13.728 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF121344.D
Acq: 20 Aug 2020 13:40

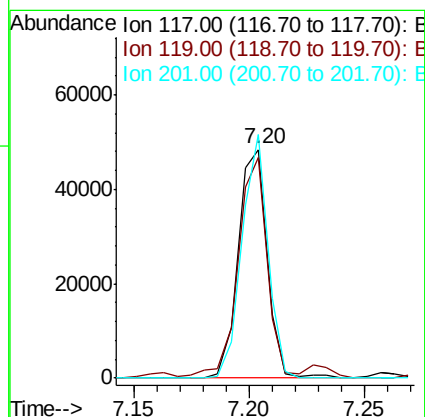
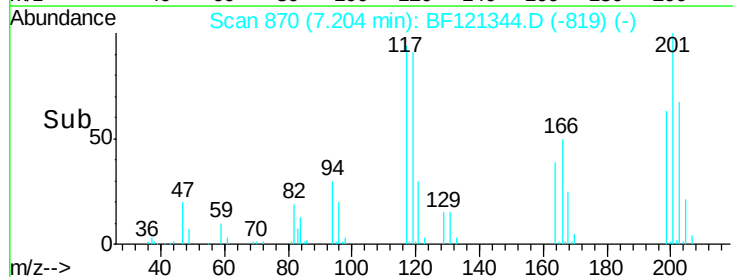
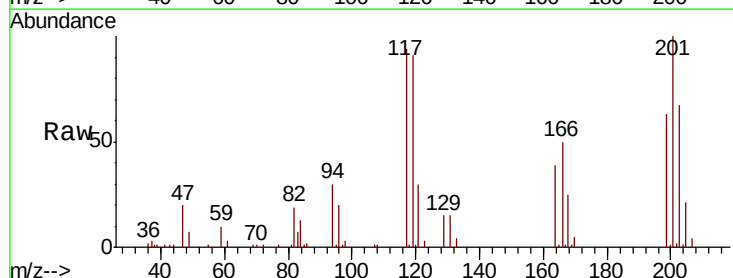
Instrument :
BNA_F
ClientSampleId :
SU-02-081820

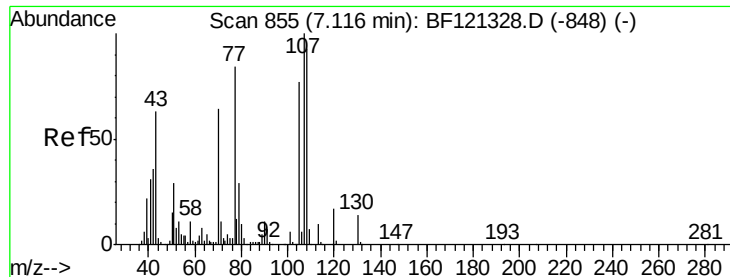
Tot Ion:	107	Resp:	103695
Ion	Ratio	Lower	Upper
107	100		
108	115.5	92.4	138.6
77	43.5	36.1	54.1
79	43.3	35.0	52.6



#18
Hexachloroethane
Concen: 11.046 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF121344.D
Acq: 20 Aug 2020 13:40

Tgt Ion:	117	Resp:	42586
Ion	Ratio	Lower	Upper
117	100		
119	96.4	77.9	116.9
201	106.4	79.4	119.0

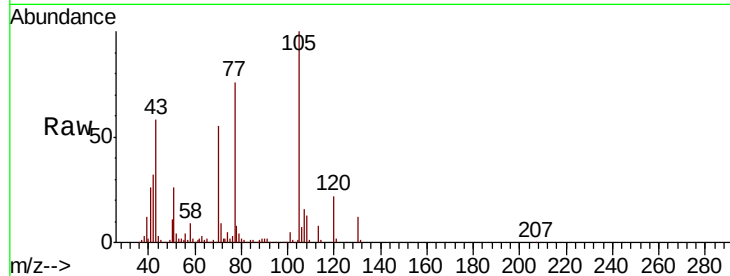




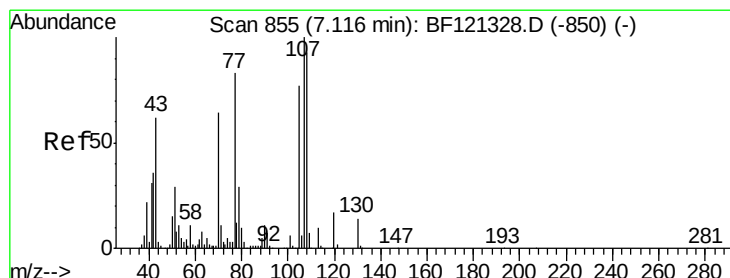
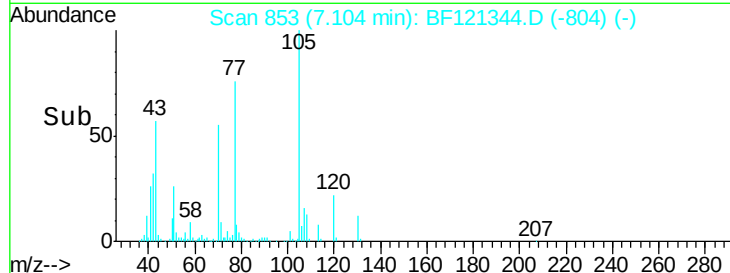
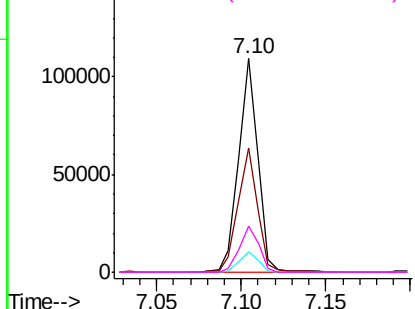
#19
n-Nitroso-di-n-propylamine
Concen: 14.356 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF121344.D
Acq: 20 Aug 2020 13:40

Instrument :
BNA_F
ClientSampleId :
SU-02-081820

Tot Ion:	70	Resp:	86328
Ion	Ratio	Lower	Upper
70	100		
42	58.2	45.2	67.8
101	9.7	7.7	11.5
130	21.6	17.6	26.4

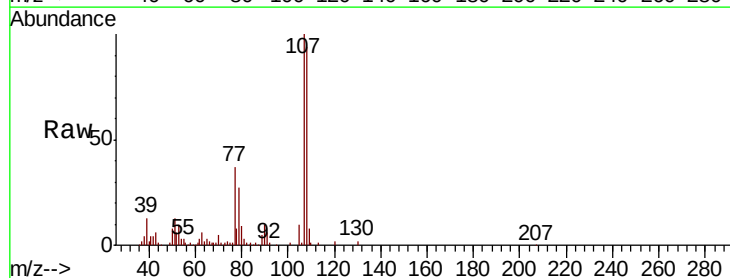


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

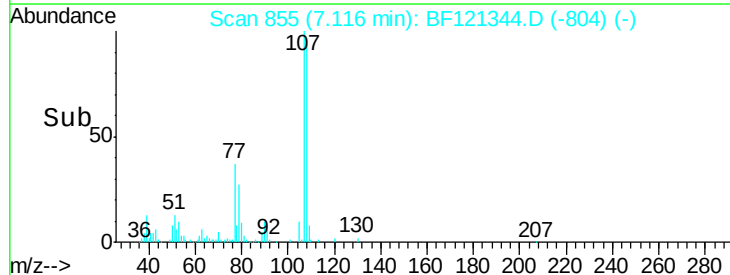
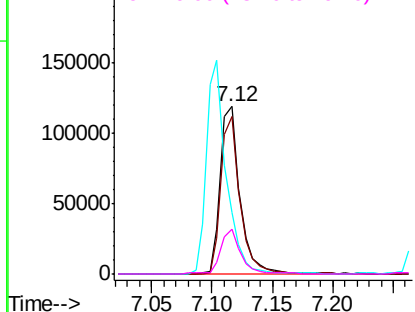


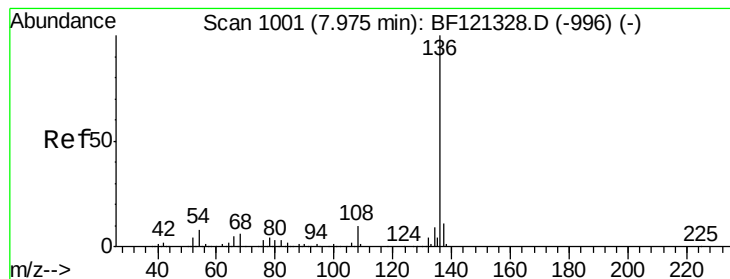
#20
3+4-Methylphenols
Concen: 12.366 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.00 min
Lab File: BF121344.D
Acq: 20 Aug 2020 13:40

Tgt Ion:	107	Resp:	136042
Ion	Ratio	Lower	Upper
107	100		
108	94.2	72.6	112.6
77	37.0	63.8	103.8
79	27.0	9.1	49.1



Abundance Ion 107.00 (106.70 to 107.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. 0.00 min

Lab File: BF121344.D

Acq: 20 Aug 2020 13:40

Instrument :

BNA_F

ClientSampleId :

SU-02-081820

Tot Ion:136 Resp: 557444

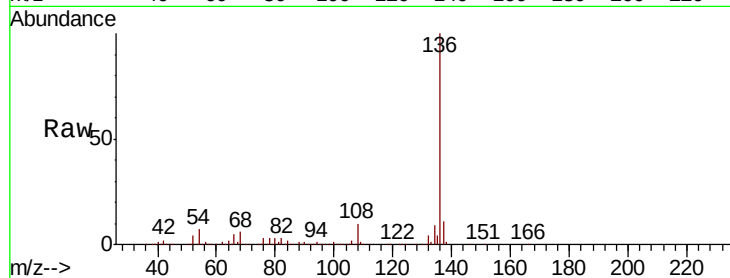
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.5 6.1 9.1

68 6.1 5.0 7.4

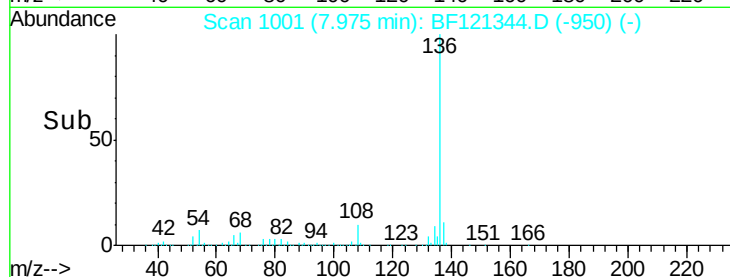


Abundance Ion 136.00 (135.70 to 136.70): E

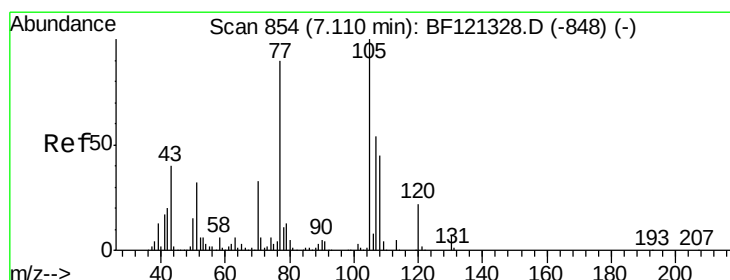
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time--> 7.90 7.95 8.00 8.05



#22

Acetophenone

Concen: 13.981 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.01 min

Lab File: BF121344.D

Acq: 20 Aug 2020 13:40

Tgt Ion:105 Resp: 182214

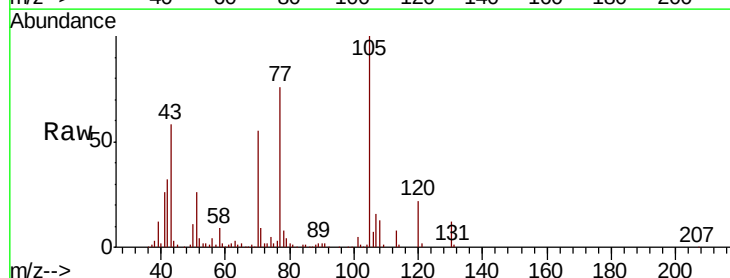
Ion Ratio Lower Upper

105 100

71 9.1 4.5 6.7#

51 25.5 25.4 38.0

120 21.9 17.6 26.4

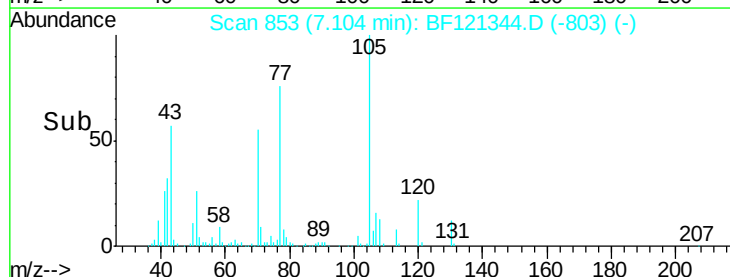


Abundance Ion 105.00 (104.70 to 105.70): E

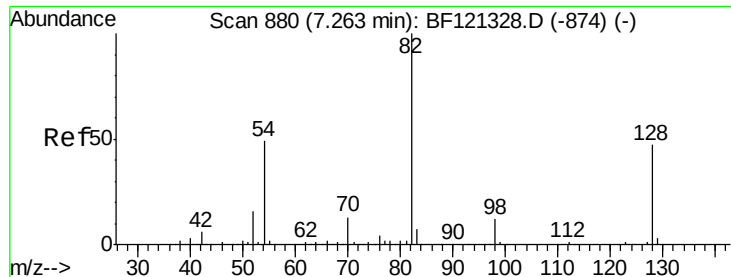
Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



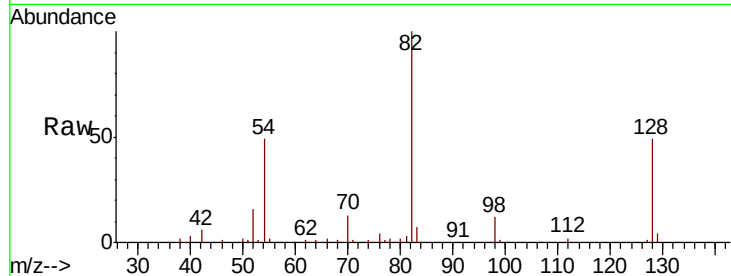
Time--> 7.05 7.10 7.15 7.20



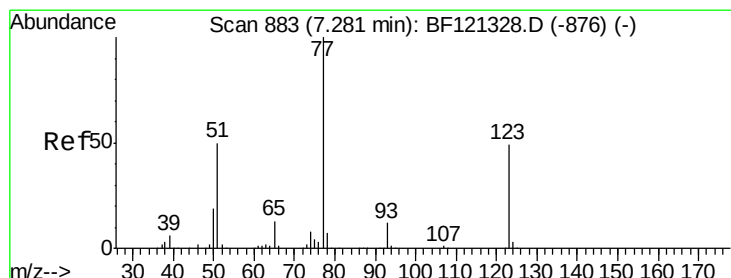
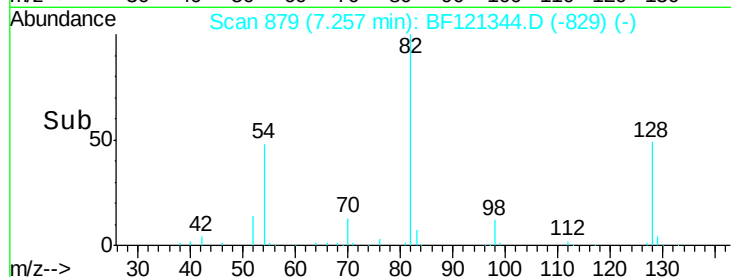
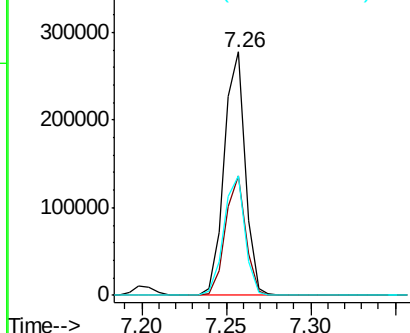
#23
Nitrobenzene-d5
Concen: 24.458 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF121344.D
Acq: 20 Aug 2020 13:40

Instrument :
BNA_F
ClientSampleId :
SU-02-081820

Tot Ion: 82 Resp: 241071
Ion Ratio Lower Upper
82 100
128 49.1 37.9 56.9
54 49.1 39.0 58.4

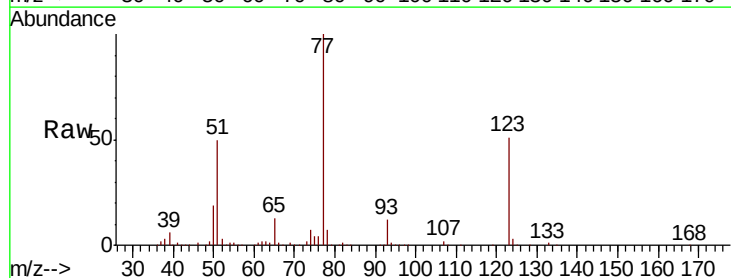


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

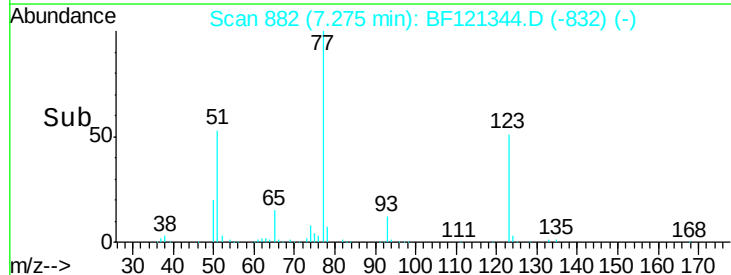
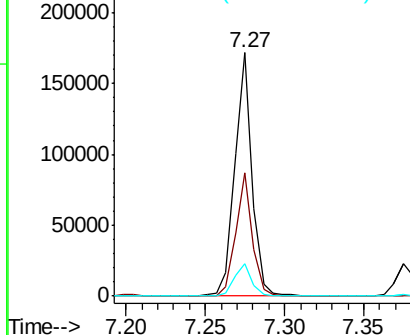


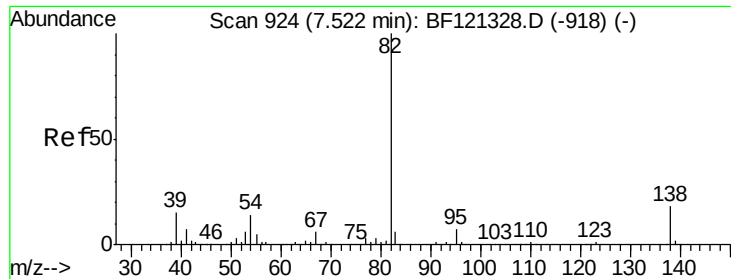
#24
Nitrobenzene
Concen: 12.978 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF121344.D
Acq: 20 Aug 2020 13:40

Tgt Ion: 77 Resp: 130374
Ion Ratio Lower Upper
77 100
123 50.5 39.2 58.8
65 13.3 10.6 15.8



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: 13.391 ng

RT: 7.52 min Scan# 923

Delta R.T. -0.01 min

Lab File: BF121344.D

Acq: 20 Aug 2020 13:40

Instrument :

BNA_F

ClientSampleId :

SU-02-081820

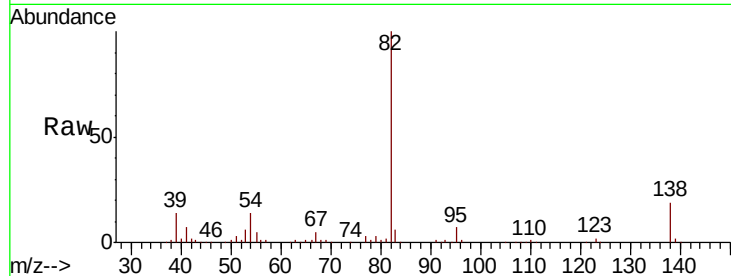
Tot Ion: 82 Resp: 240197

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

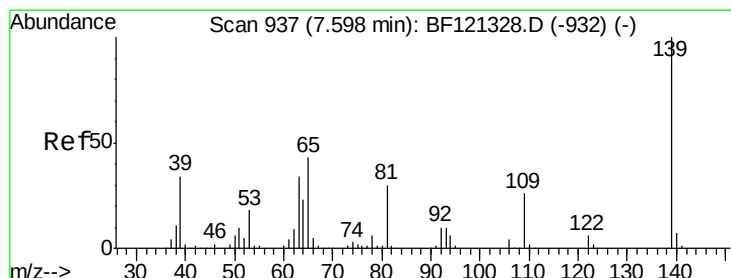
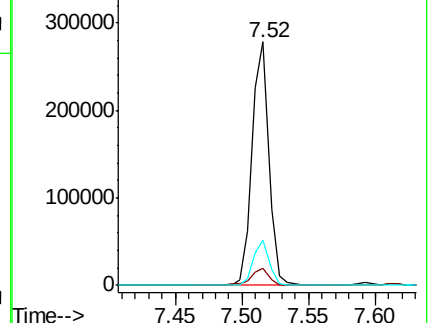
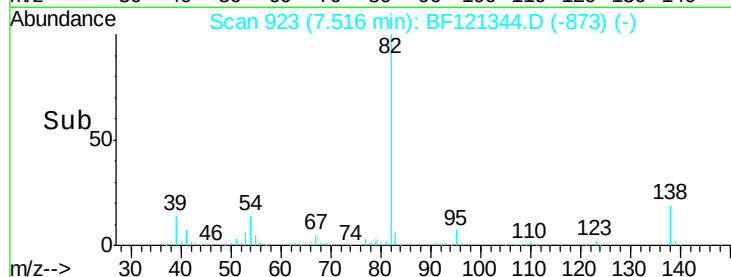
138 18.6 14.6 21.8



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: 11.662 ng

RT: 7.59 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF121344.D

Acq: 20 Aug 2020 13:40

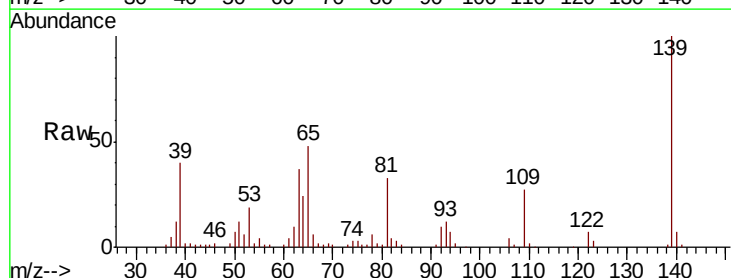
Tgt Ion: 139 Resp: 60082

Ion Ratio Lower Upper

139 100

109 27.2 21.1 31.7

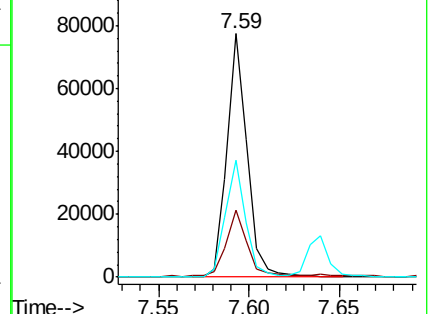
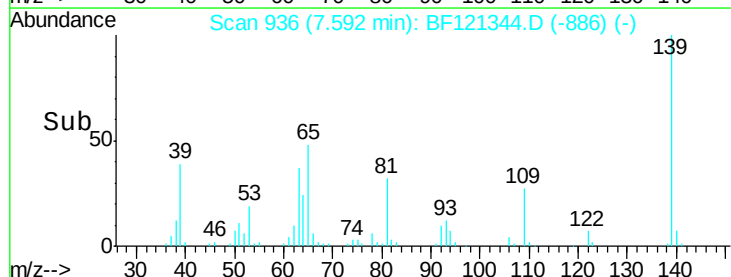
65 47.9 34.5 51.7

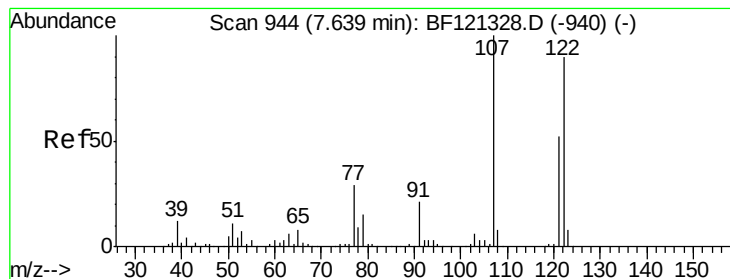


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 15.401 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF121344.D

Acq: 20 Aug 2020 13:40

Instrument :

BNA_F

ClientSampleId :

SU-02-081820

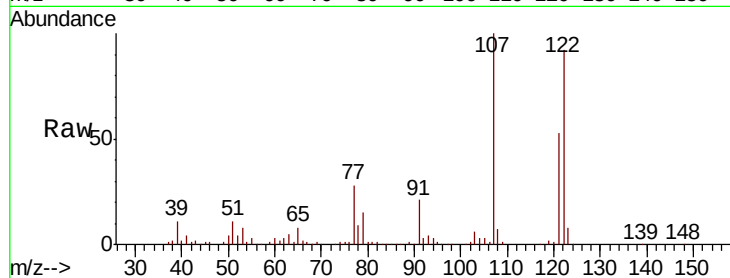
Tot Ion:122 Resp: 113221

Ion Ratio Lower Upper

122 100

107 109.1 89.0 133.4

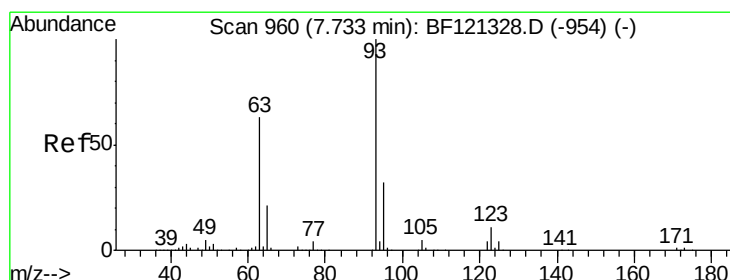
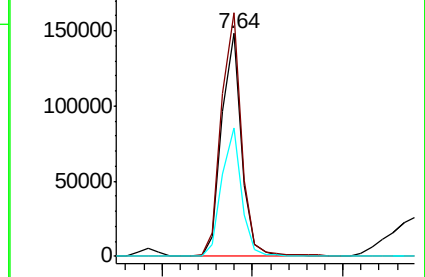
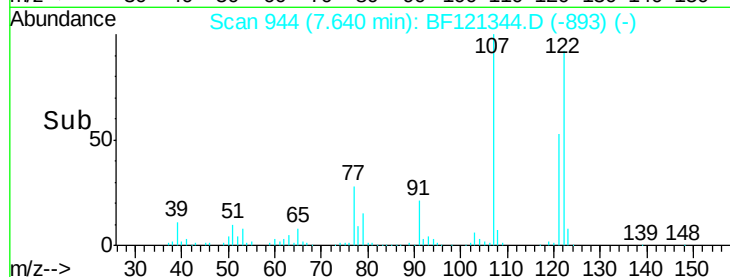
121 57.3 46.4 69.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 12.419 ng

RT: 7.73 min Scan# 959

Delta R.T. -0.01 min

Lab File: BF121344.D

Acq: 20 Aug 2020 13:40

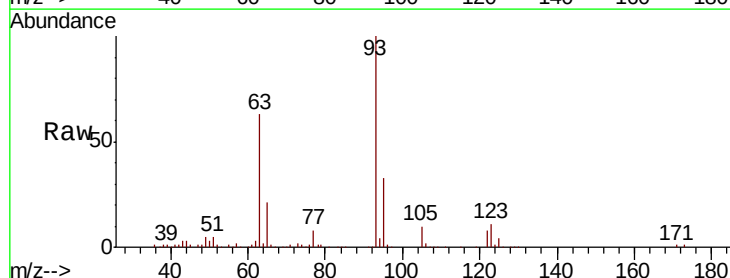
Tgt Ion: 93 Resp: 151644

Ion Ratio Lower Upper

93 100

95 32.5 25.8 38.8

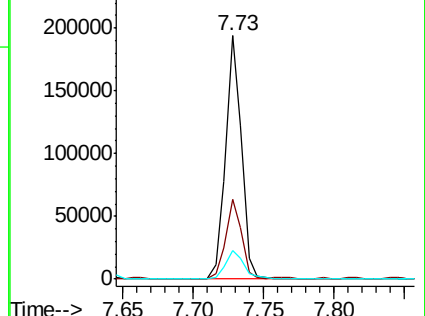
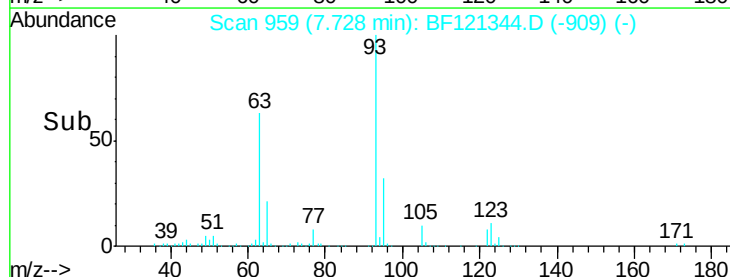
123 11.5 9.0 13.6

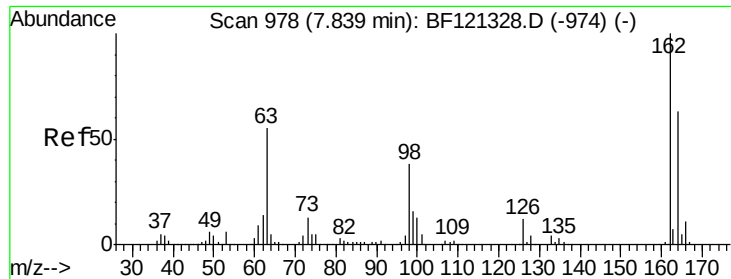


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

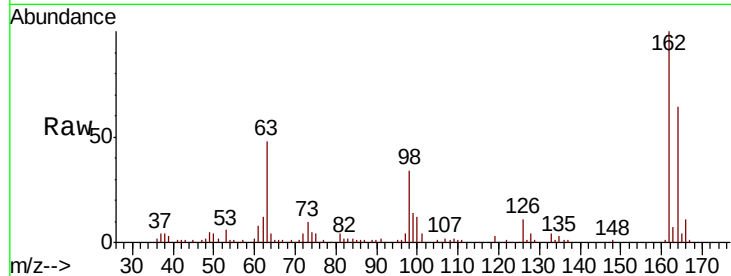




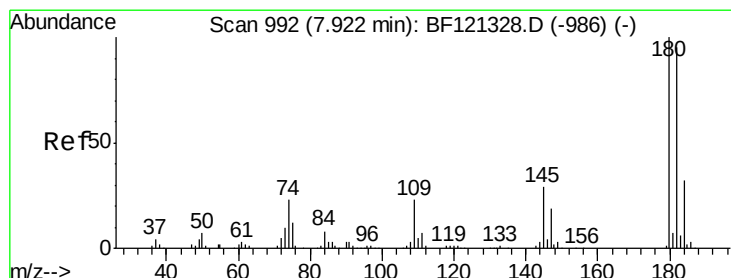
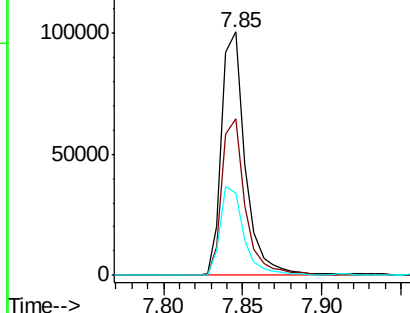
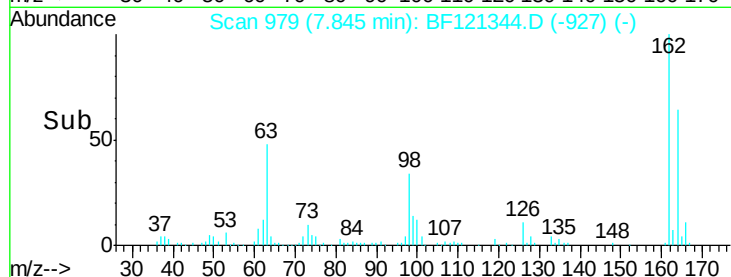
#29
 2,4-Dichlorophenol
 Concen: 13.055 ng
 RT: 7.85 min Scan# 979
 Delta R.T. 0.01 min
 Lab File: BF121344.D
 Acq: 20 Aug 2020 13:40

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-081820

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	43.4	83.4
98	34.1	18.1	58.1

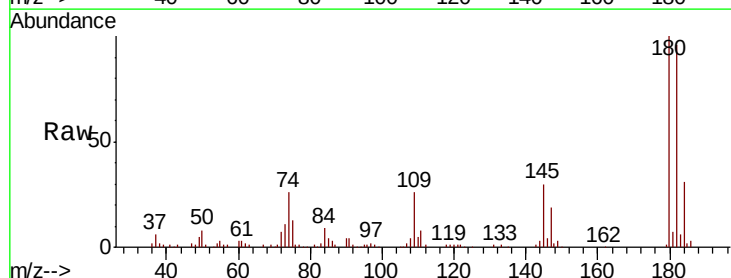


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

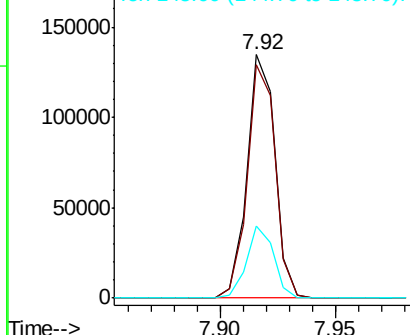
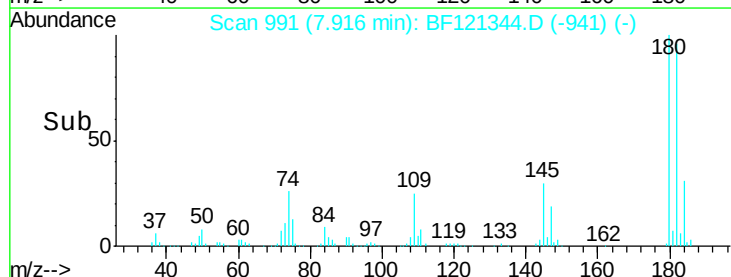


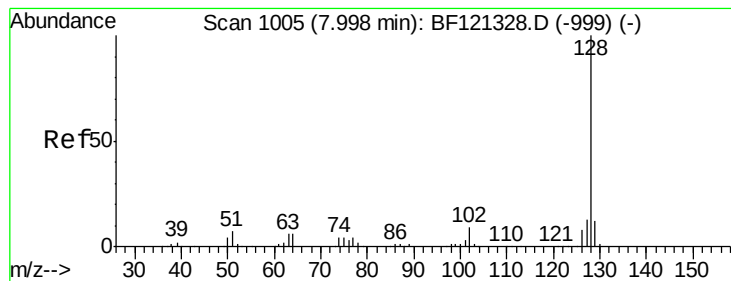
#30
 1,2,4-Trichlorobenzene
 Concen: 12.422 ng
 RT: 7.92 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: BF121344.D
 Acq: 20 Aug 2020 13:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	75.9	113.9
145	29.9	23.2	34.8



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: 13.892 ng

RT: 8.00 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BF121344.D

Acq: 20 Aug 2020 13:40

Instrument :

BNA_F

ClientSampleId :

SU-02-081820

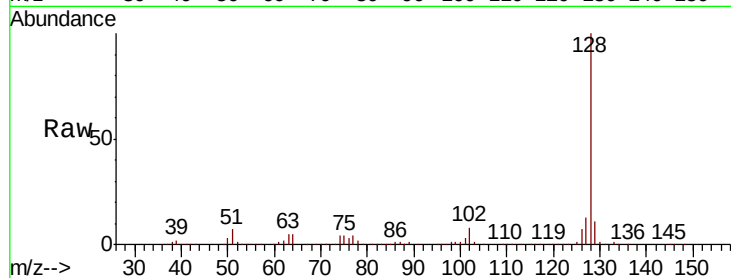
Tot Ion:128 Resp: 385418

Ion Ratio Lower Upper

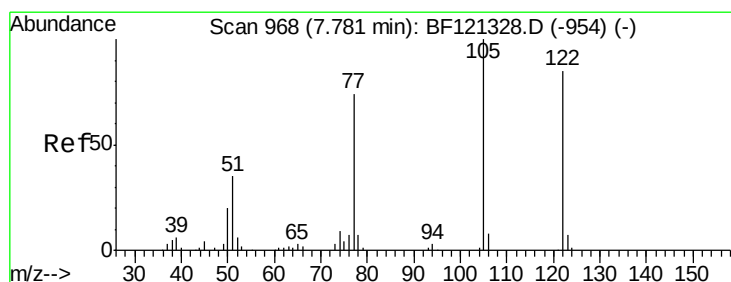
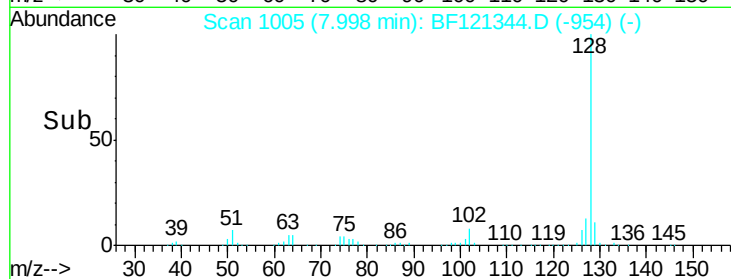
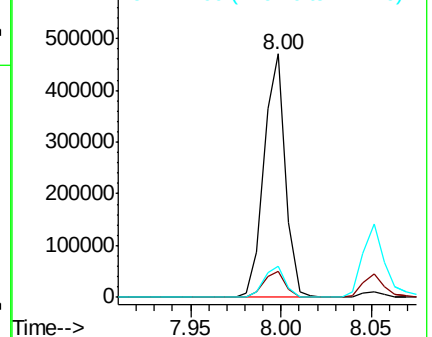
128 100

129 10.8 9.3 13.9

127 12.9 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: 14.472 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.04 min

Lab File: BF121344.D

Acq: 20 Aug 2020 13:40

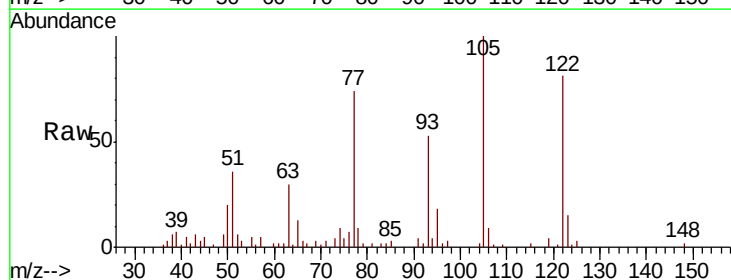
Tgt Ion:122 Resp: 49918

Ion Ratio Lower Upper

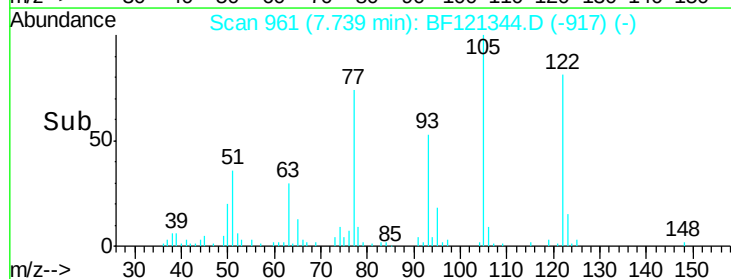
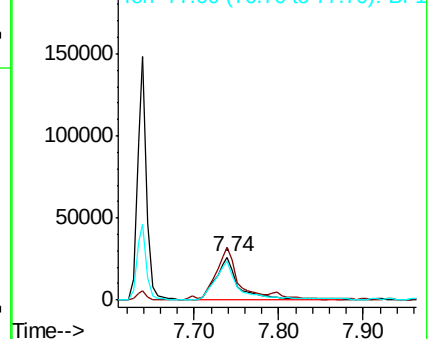
122 100

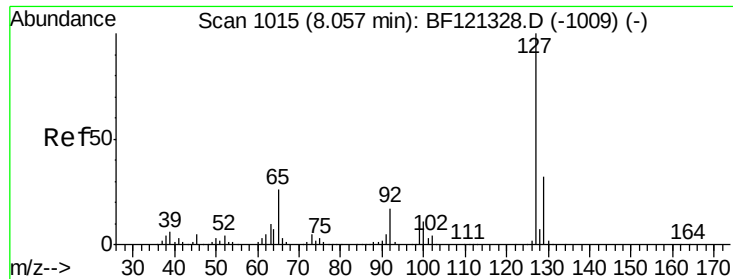
105 123.2 96.7 136.7

77 90.6 66.7 106.7



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

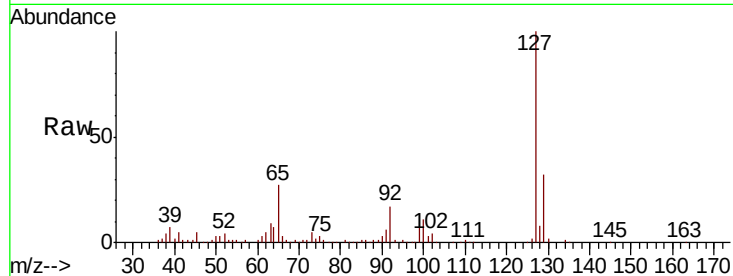




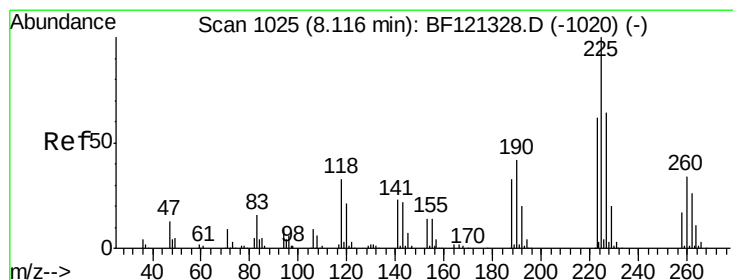
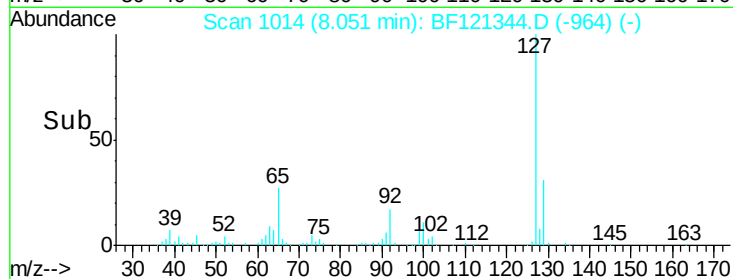
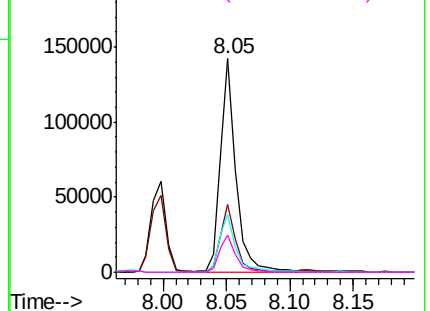
#33
4-Chloroaniline
Concen: 10.106 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF121344.D
Acq: 20 Aug 2020 13:40

Instrument :
BNA_F
ClientSampleId :
SU-02-081820

Tot Ion:	127	Resp:	124150
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.7	38.5
65	27.0	20.9	31.3
92	17.4	13.8	20.8

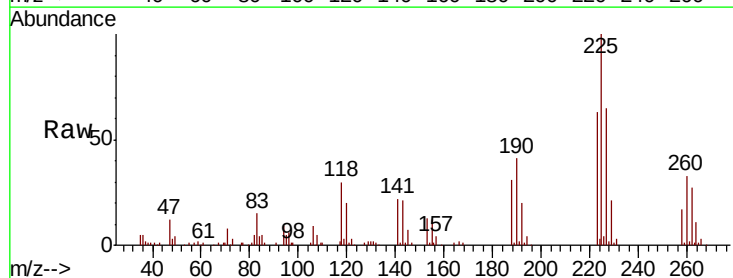


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

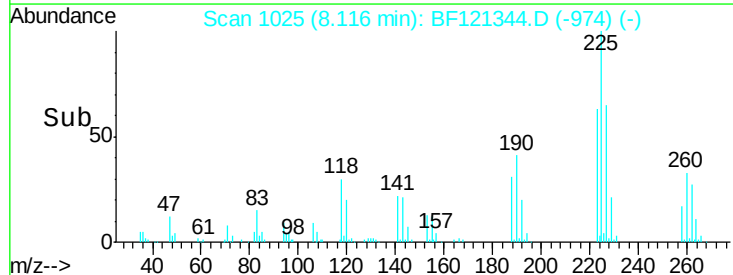
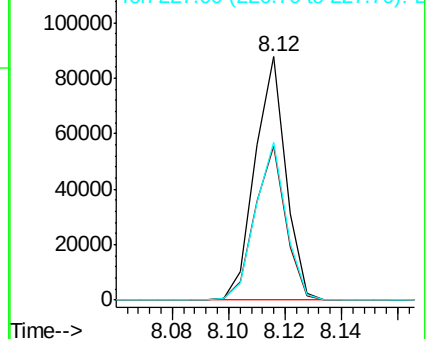


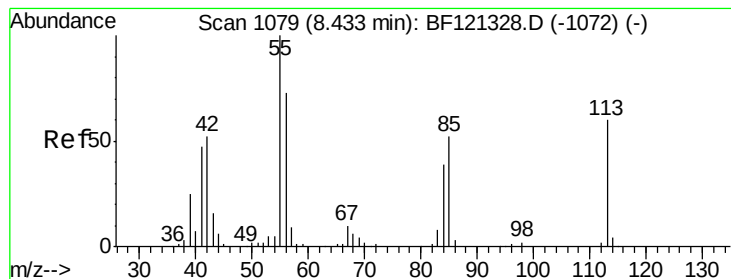
#34
Hexachlorobutadiene
Concen: 12.265 ng
RT: 8.12 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF121344.D
Acq: 20 Aug 2020 13:40

Tgt Ion:	225	Resp:	66620
Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.7	74.5
227	64.7	50.9	76.3



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: 12.851 ng

RT: 8.40 min Scan# 1073

Delta R.T. -0.04 min

Lab File: BF121344.D

Acq: 20 Aug 2020 13:40

Instrument :

BNA_F

ClientSampleId :

SU-02-081820

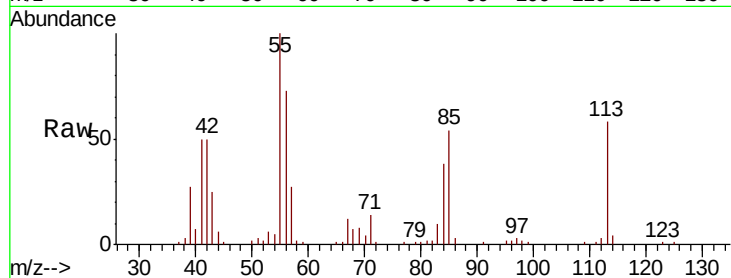
Tot Ion:113 Resp: 33782

Ion Ratio Lower Upper

113 100

55 173.4 147.9 187.9

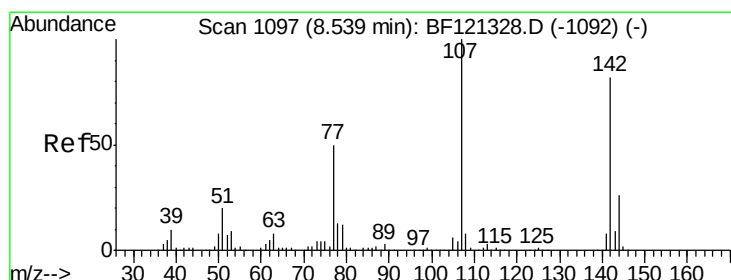
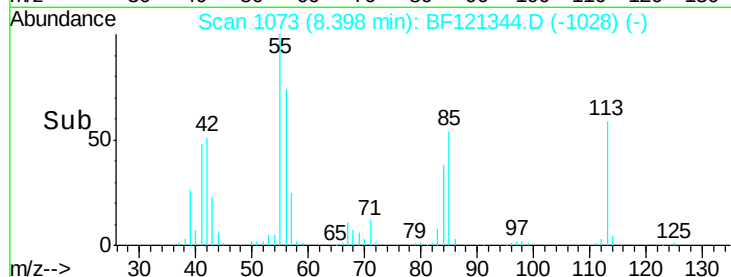
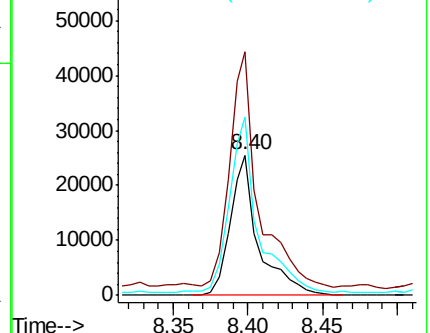
56 127.3 102.4 142.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 13.424 ng

RT: 8.53 min Scan# 1096

Delta R.T. -0.01 min

Lab File: BF121344.D

Acq: 20 Aug 2020 13:40

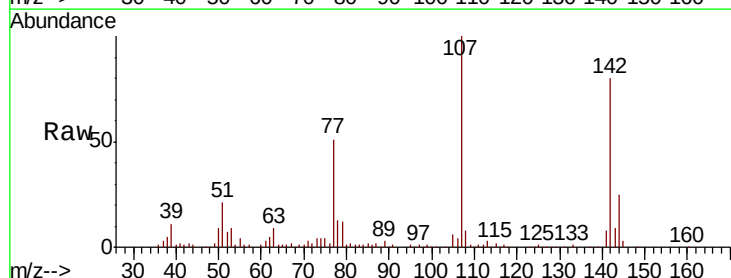
Tgt Ion:107 Resp: 108975

Ion Ratio Lower Upper

107 100

144 24.9 21.1 31.7

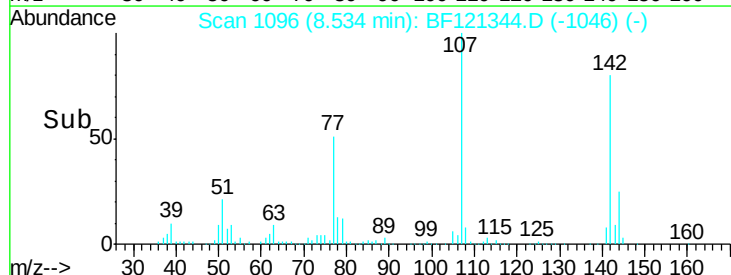
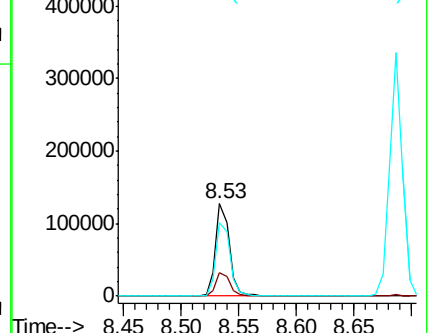
142 79.5 65.6 98.4

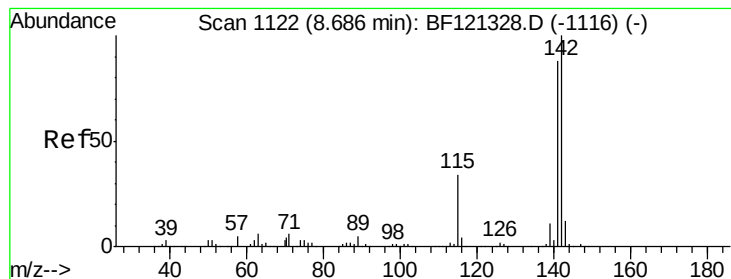


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 14.807 ng

RT: 8.69 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BF121344.D

Acq: 20 Aug 2020 13:40

Instrument :

BNA_F

ClientSampleId :

SU-02-081820

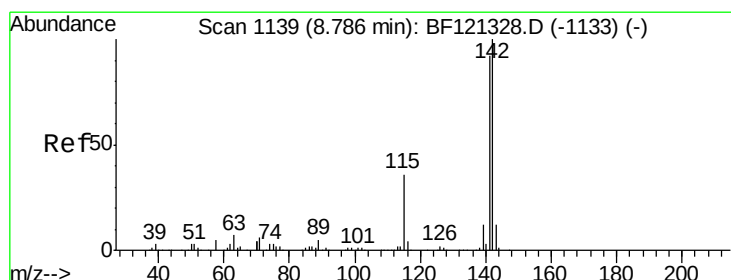
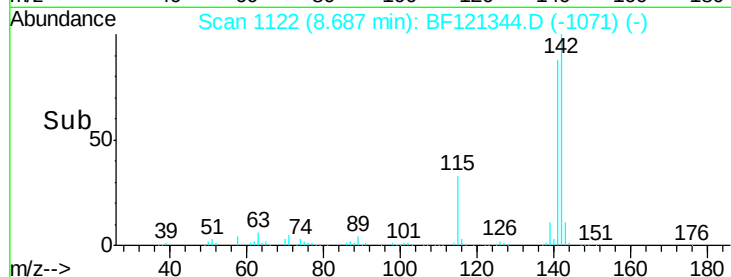
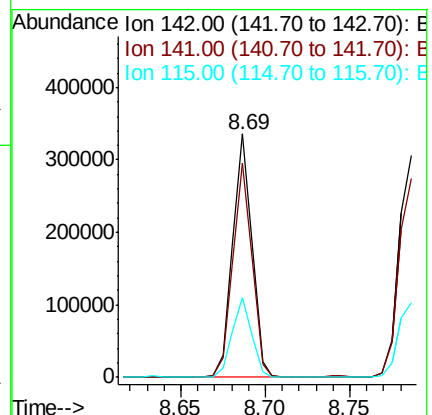
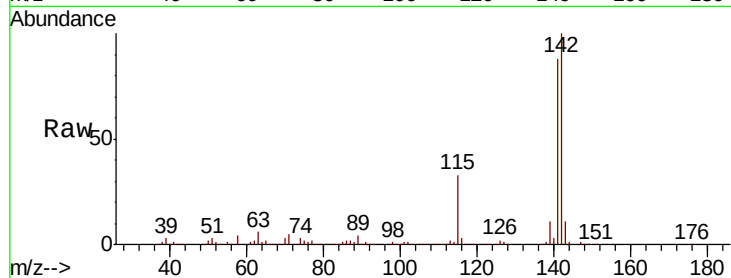
Tot Ion:142 Resp: 266255

Ion Ratio Lower Upper

142 100

141 87.9 70.3 105.5

115 32.5 26.9 40.3



#38

1-Methylnaphthalene

Concen: 14.623 ng

RT: 8.79 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BF121344.D

Acq: 20 Aug 2020 13:40

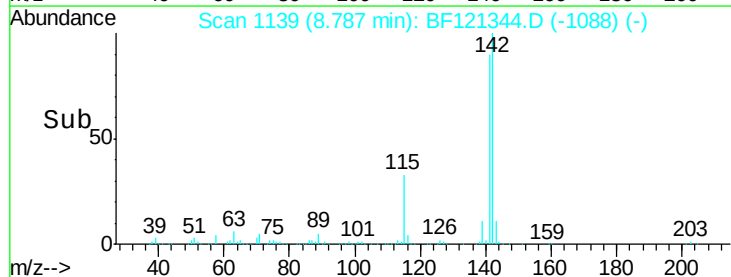
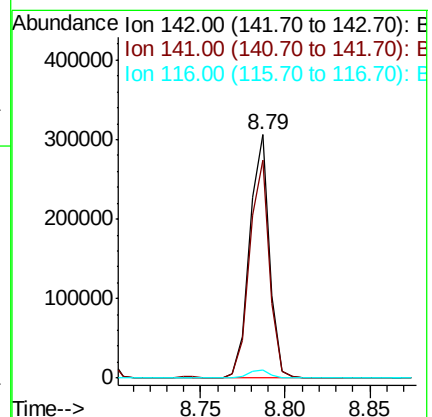
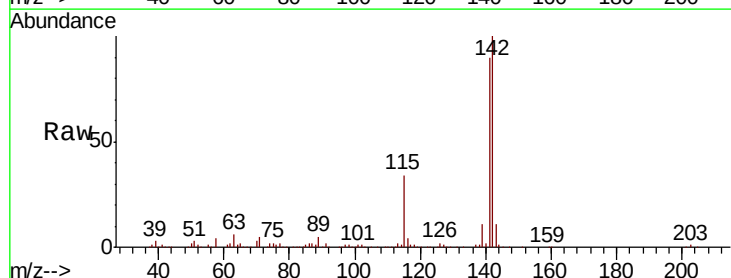
Tgt Ion:142 Resp: 250016

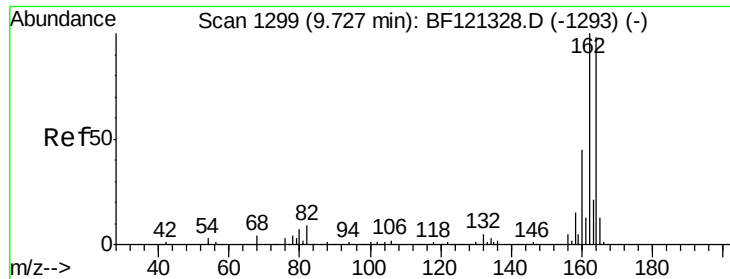
Ion Ratio Lower Upper

142 100

141 89.5 73.6 110.4

116 3.6 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BF121344.D

Acq: 20 Aug 2020 13:40

Instrument :

BNA_F

ClientSampleId :

SU-02-081820

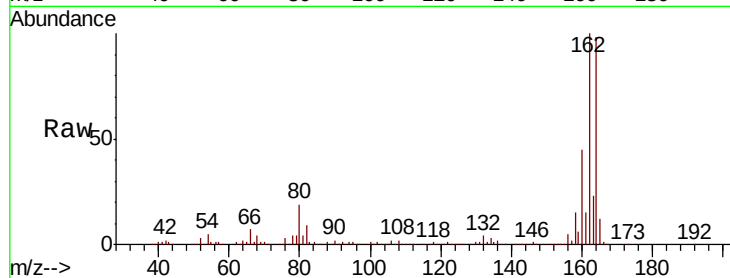
Tot Ion:164 Resp: 278341

Ion Ratio Lower Upper

164 100

162 101.9 81.7 122.5

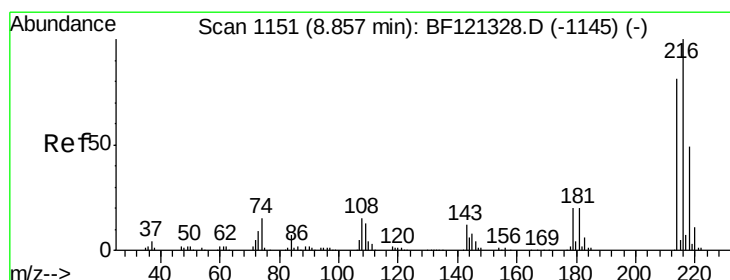
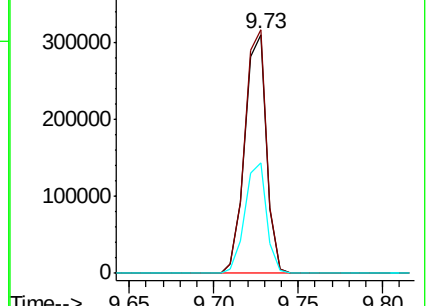
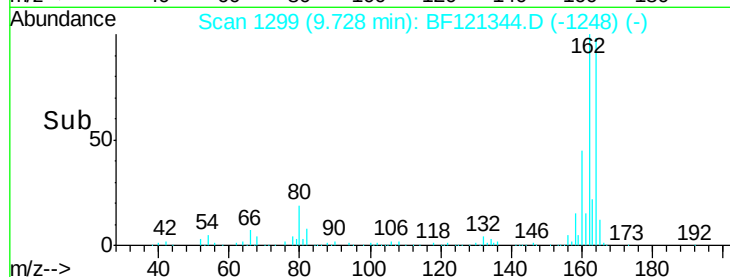
160 46.4 37.0 55.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 13.957 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF121344.D

Acq: 20 Aug 2020 13:40

Tgt Ion:216 Resp: 115300

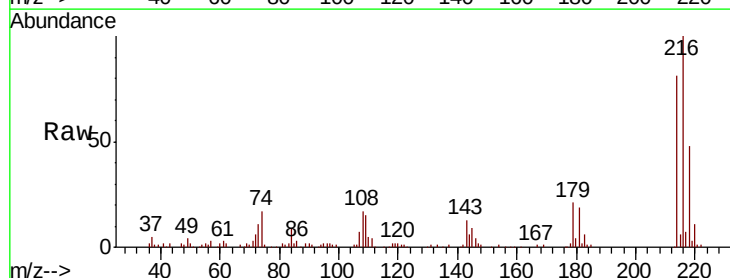
Ion Ratio Lower Upper

216 100

214 79.4 64.2 96.2

179 20.5 16.4 24.6

108 17.0 14.2 21.4

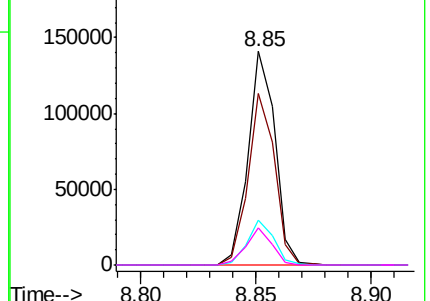
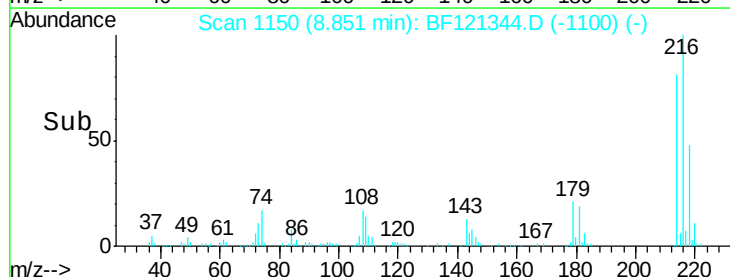


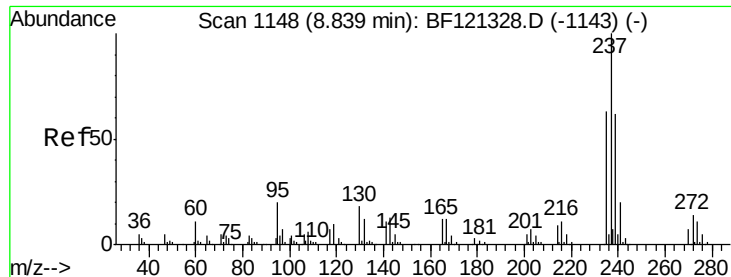
Abundance Ion 216.00 (215.70 to 216.70): E

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

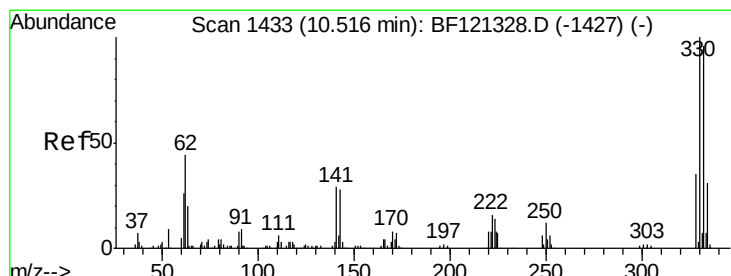
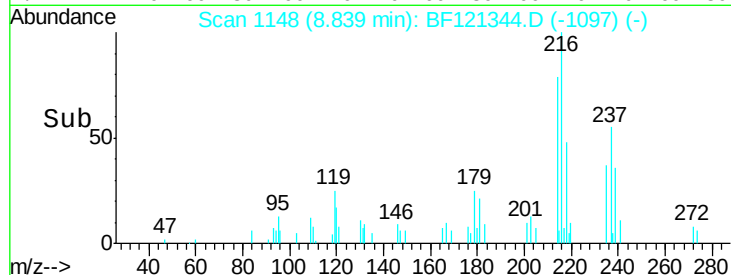
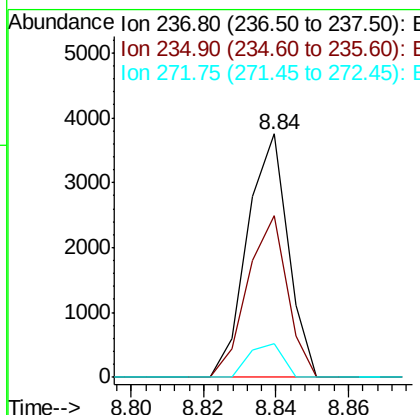
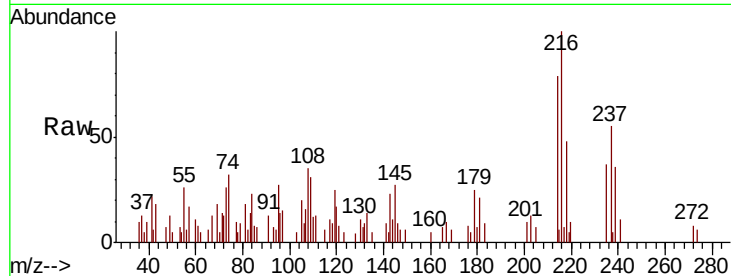




#41
Hexachlorocyclopentadiene
Concen: 7.000 ng
RT: 8.84 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF121344.D
Acq: 20 Aug 2020 13:40

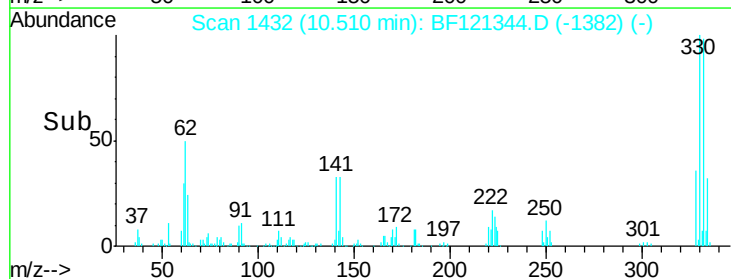
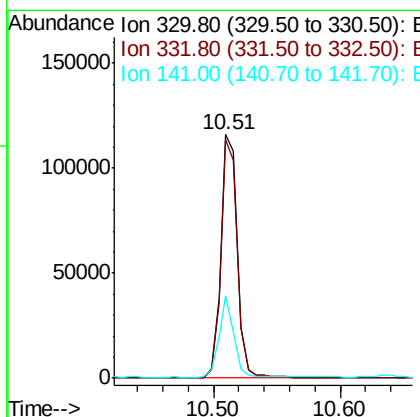
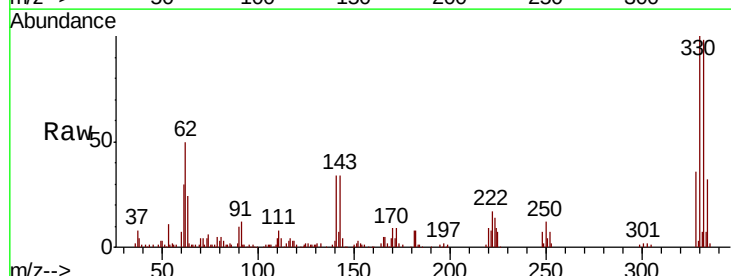
Instrument :
BNA_F
ClientSampleId :
SU-02-081820

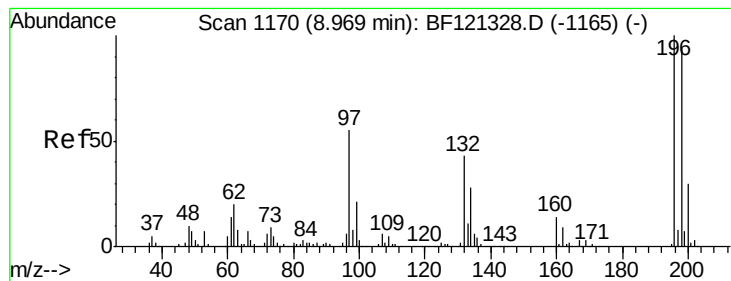
Tot Ion:237 Resp: 2911
Ion Ratio Lower Upper
237 100
235 66.3 42.7 82.7
272 14.0 0.0 33.7



#42
2,4,6-Tribromophenol
Concen: 32.767 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF121344.D
Acq: 20 Aug 2020 13:40

Tgt Ion:330 Resp: 106281
Ion Ratio Lower Upper
330 100
332 97.1 76.9 115.3
141 30.1 22.8 34.2





#43

2,4,6-Trichlorophenol

Concen: 13.258 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF121344.D

Acq: 20 Aug 2020 13:40

Instrument :

BNA_F

ClientSampleId :

SU-02-081820

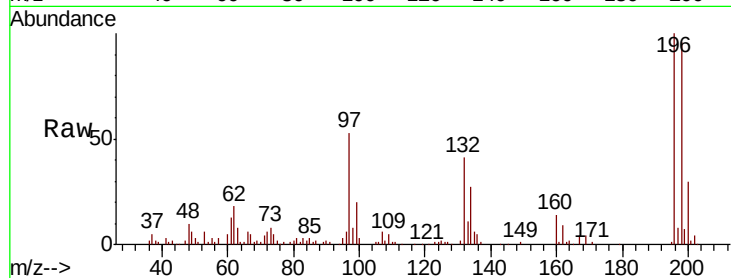
Tot Ion:196 Resp: 74878

Ion Ratio Lower Upper

196 100

198 96.2 75.6 113.4

200 29.6 24.2 36.2

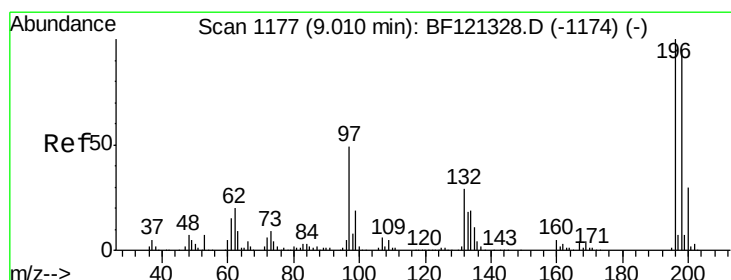
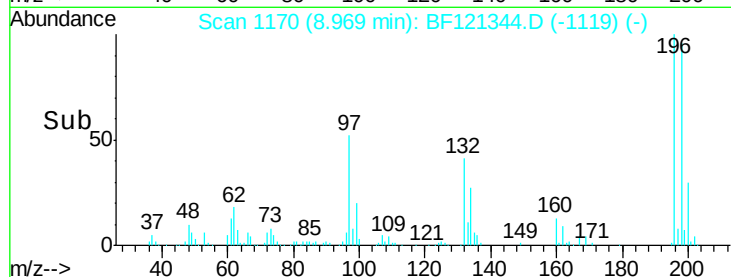
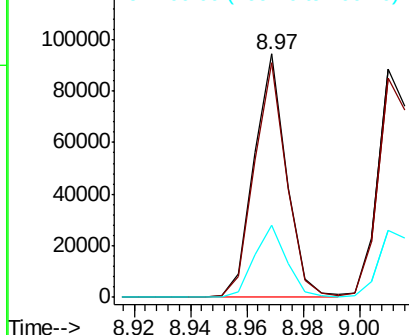


Abundance

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: 13.780 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BF121344.D

Acq: 20 Aug 2020 13:40

Tgt Ion:196 Resp: 80069

Ion Ratio Lower Upper

196 100

198 95.9 75.6 113.4

97 50.1 39.6 59.4

132 29.1 23.3 34.9

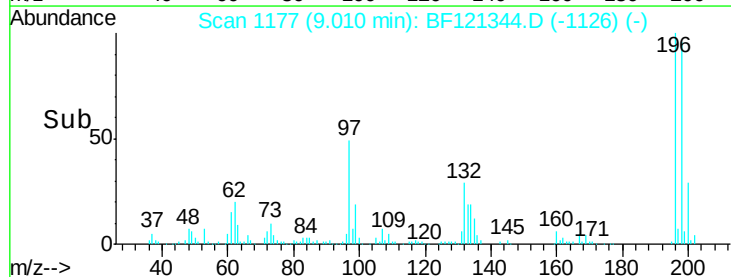
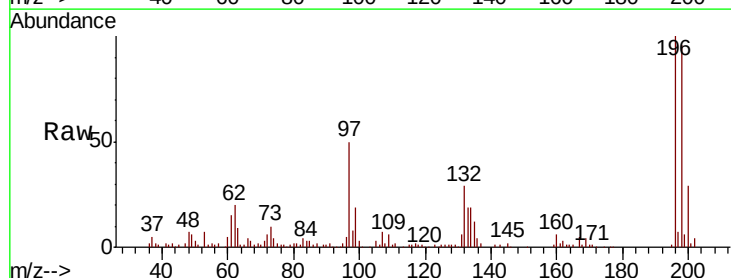
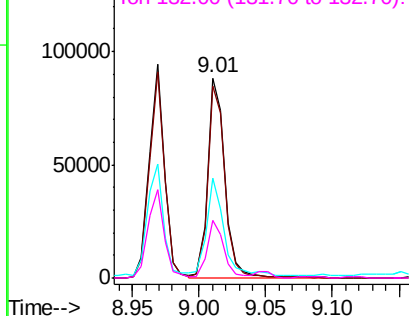
Abundance

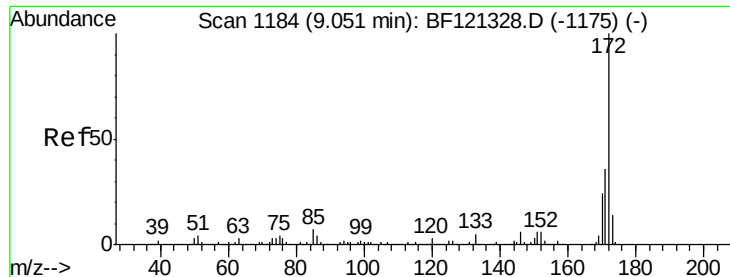
Ion 196.00 (195.70 to 196.70): E

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

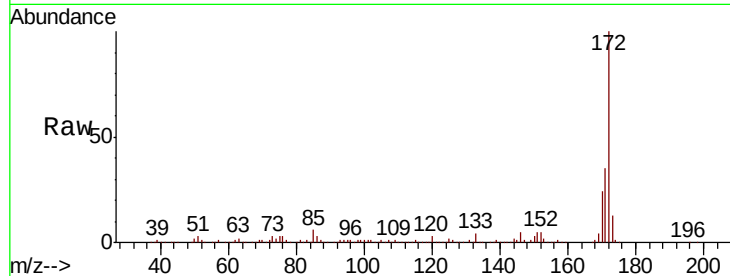




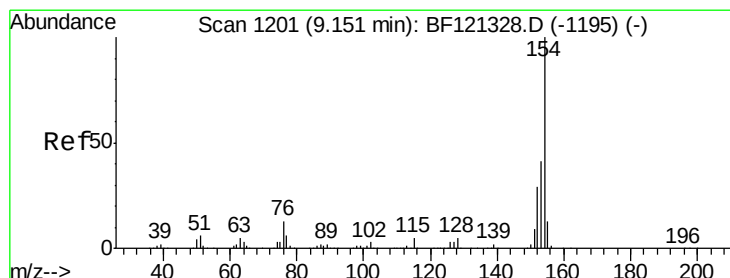
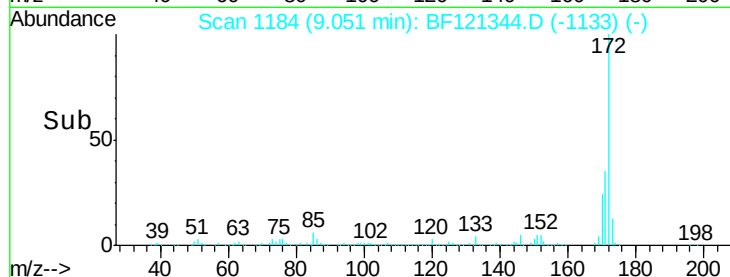
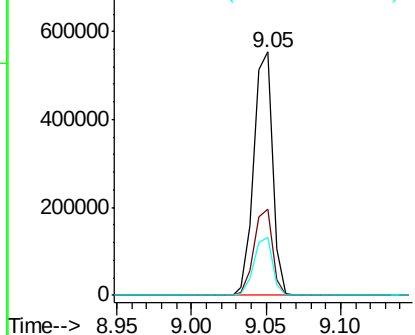
#45
2-Fluorobiphenyl
Concen: 23.803 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF121344.D
Acq: 20 Aug 2020 13:40

Instrument :
BNA_F
ClientSampleId :
SU-02-081820

Tot Ion:172 Resp: 480071
Ion Ratio Lower Upper
172 100
171 35.2 29.0 43.6
170 24.0 19.4 29.2

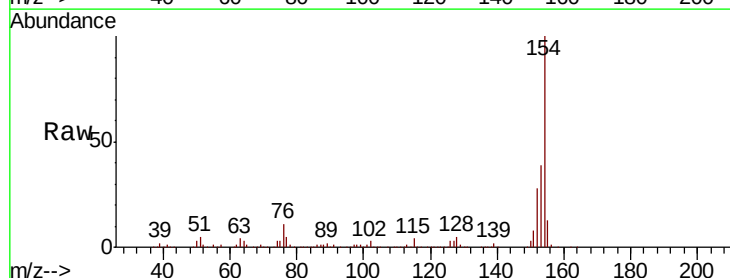


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

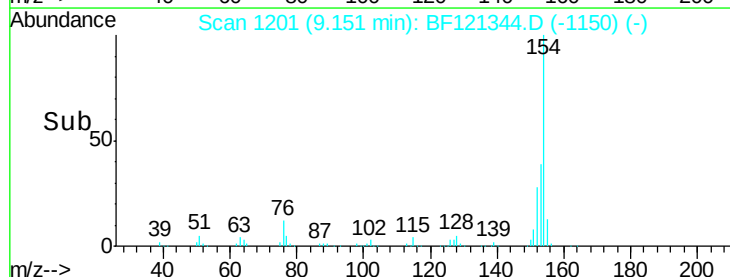
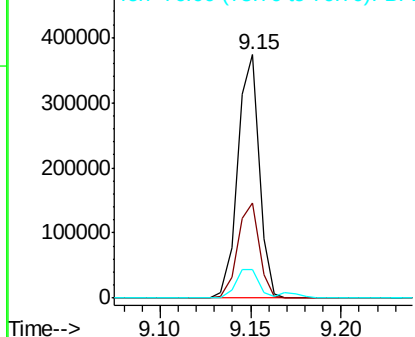


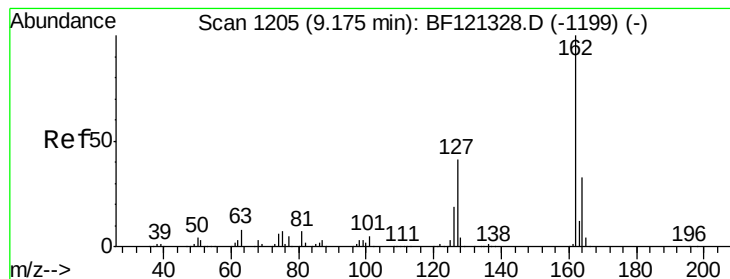
#46
1,1'-Biphenyl
Concen: 14.788 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BF121344.D
Acq: 20 Aug 2020 13:40

Tgt Ion:154 Resp: 308513
Ion Ratio Lower Upper
154 100
153 39.3 20.8 60.8
76 11.5 0.0 33.1



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: 13.247 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF121344.D

Acq: 20 Aug 2020 13:40

Instrument :

BNA_F

ClientSampleId :

SU-02-081820

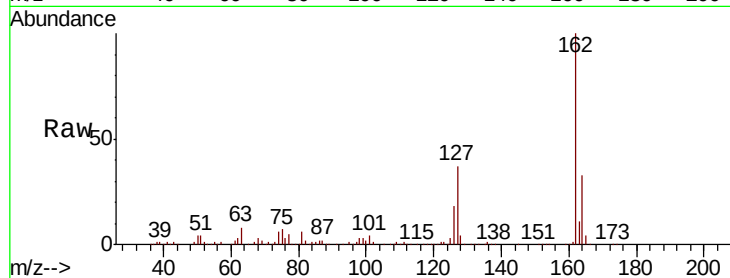
Tot Ion:162 Resp: 227675

Ion Ratio Lower Upper

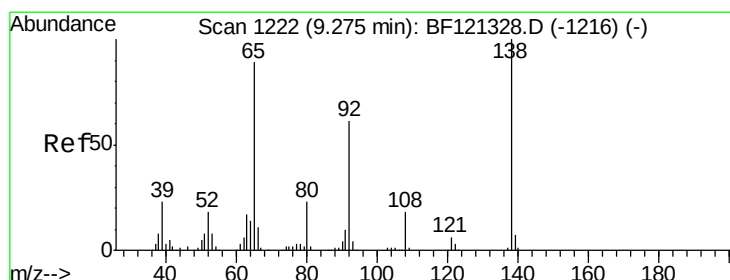
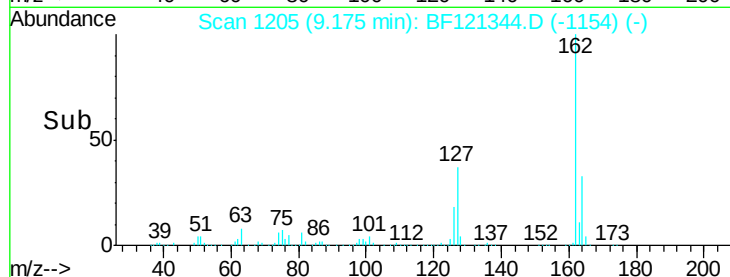
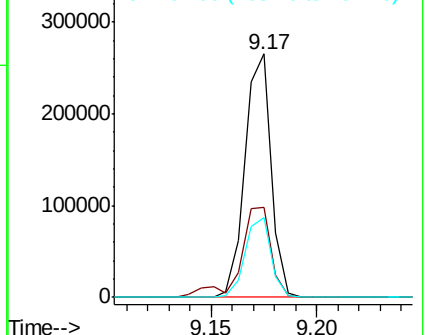
162 100

127 36.9 33.1 49.7

164 32.5 26.5 39.7



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



#48

2-Nitroaniline

Concen: 13.103 ng

RT: 9.27 min Scan# 1221

Delta R.T. -0.01 min

Lab File: BF121344.D

Acq: 20 Aug 2020 13:40

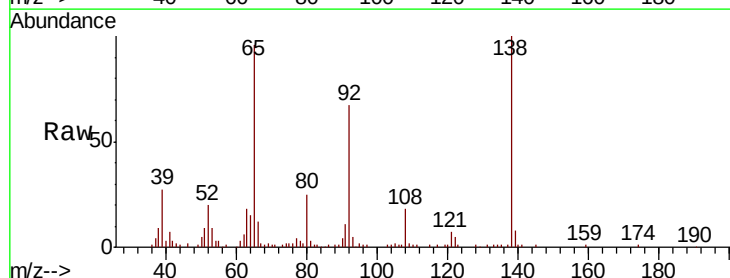
Tgt Ion: 65 Resp: 70905

Ion Ratio Lower Upper

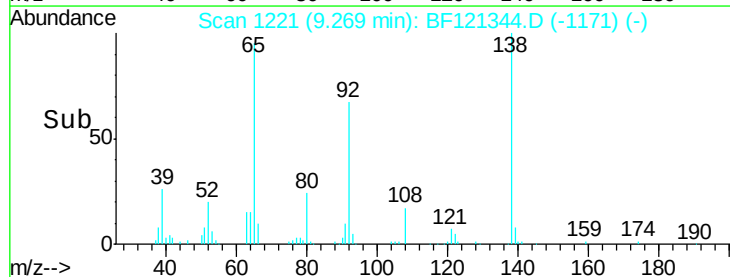
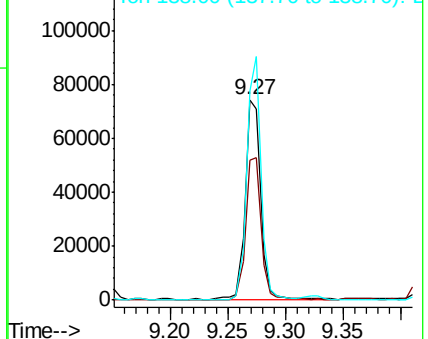
65 100

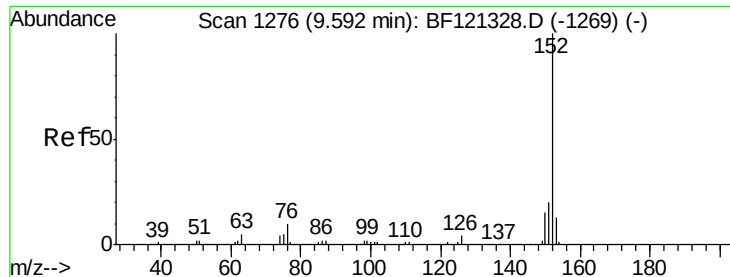
92 70.0 54.9 82.3

138 104.1 89.5 134.3



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





#49

Acenaphthylene

Concen: 15.007 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BF121344.D

Acq: 20 Aug 2020 13:40

Instrument :

BNA_F

ClientSampleId :

SU-02-081820

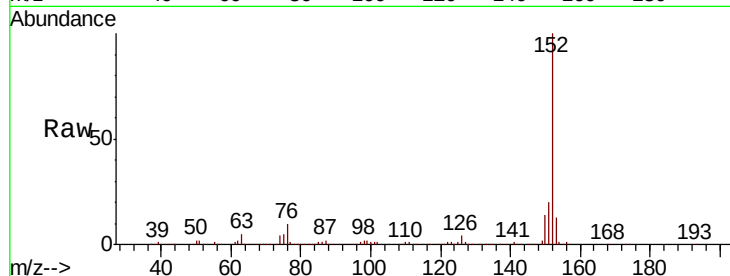
Tot Ion:152 Resp: 383108

Ion Ratio Lower Upper

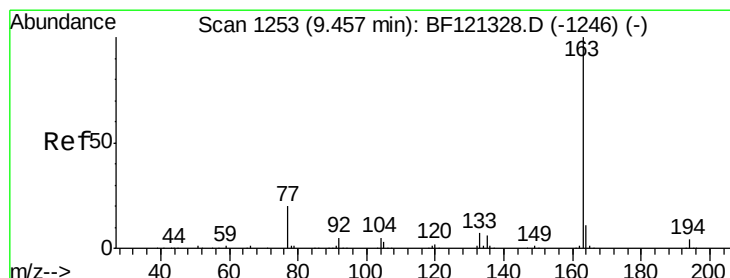
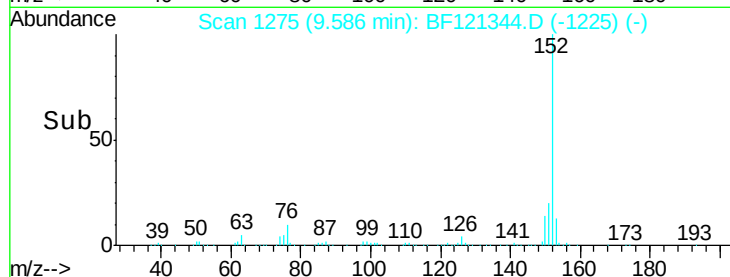
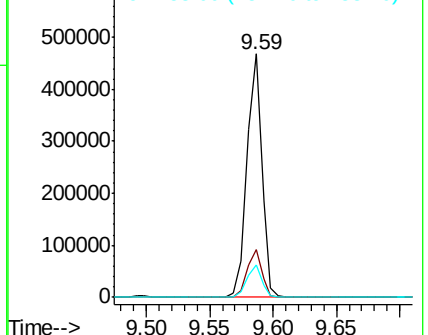
152 100

151 19.9 16.4 24.6

153 13.4 10.6 16.0



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: 16.099 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.01 min

Lab File: BF121344.D

Acq: 20 Aug 2020 13:40

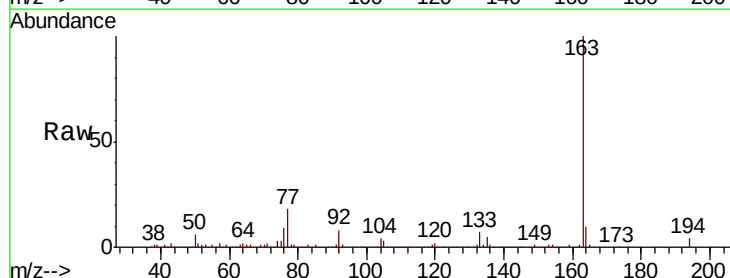
Tgt Ion:163 Resp: 325998

Ion Ratio Lower Upper

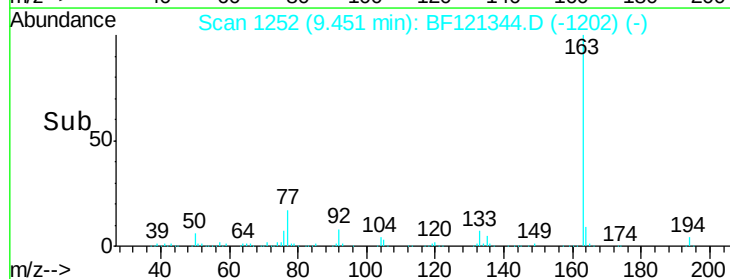
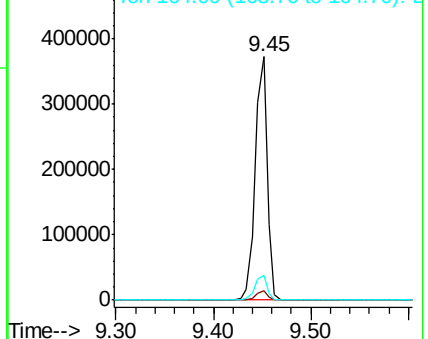
163 100

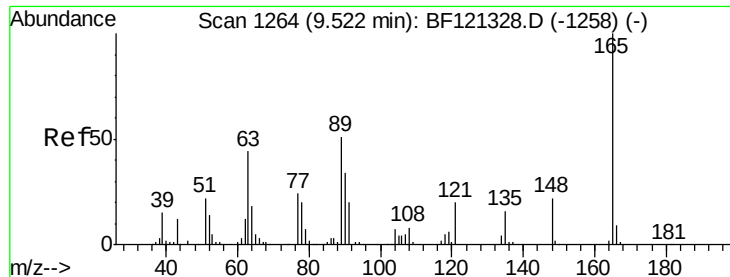
194 3.8 3.0 4.6

164 10.0 8.4 12.6



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

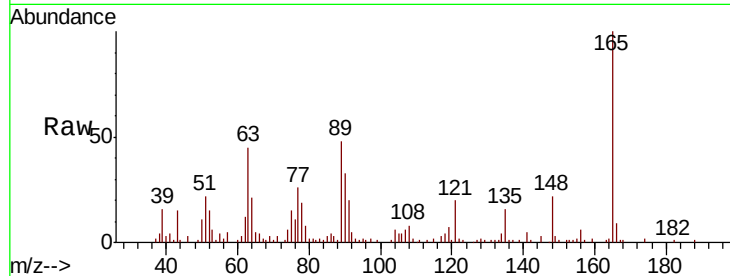




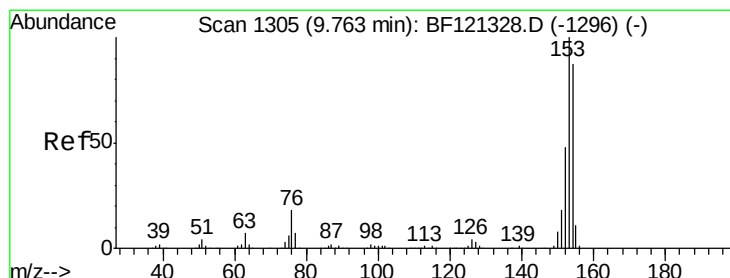
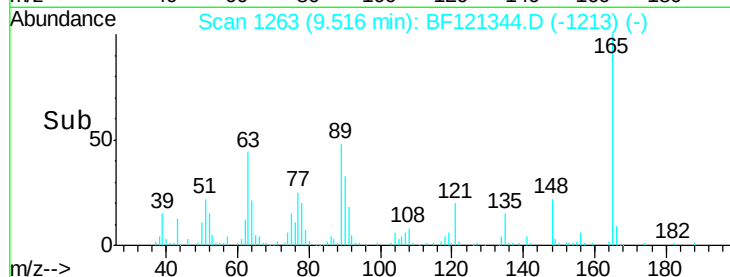
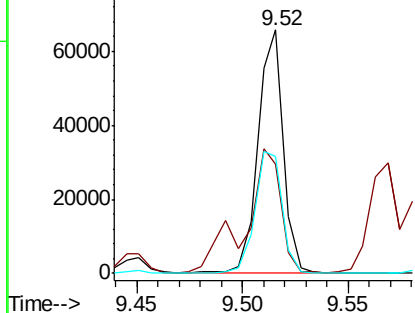
#51
 2,6-Dinitrotoluene
 Concen: 12.708 ng
 RT: 9.52 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: BF121344.D
 Acq: 20 Aug 2020 13:40

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-081820

Tot Ion:165 Resp: 54959
 Ion Ratio Lower Upper
 165 100
 63 44.6 38.5 57.7
 89 48.1 41.2 61.8

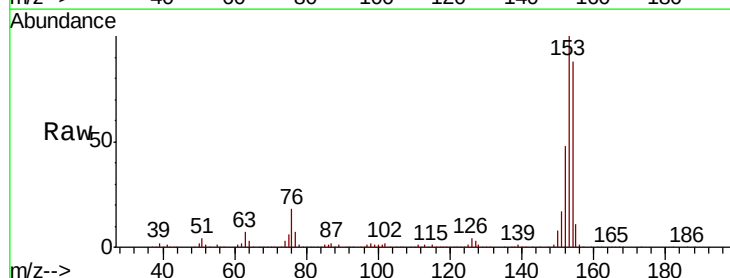


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

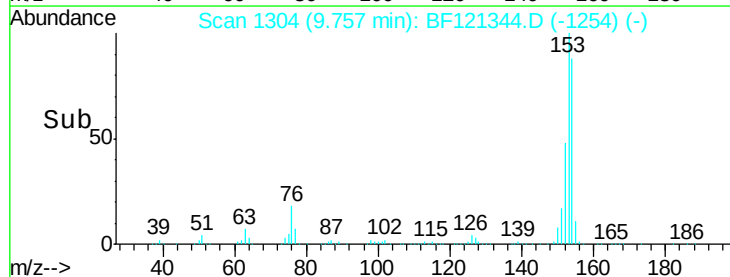
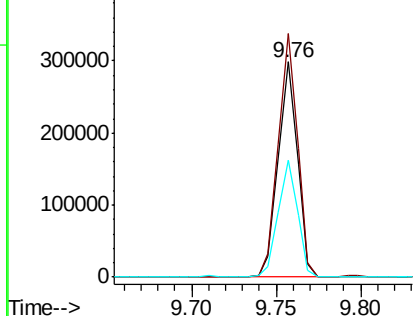


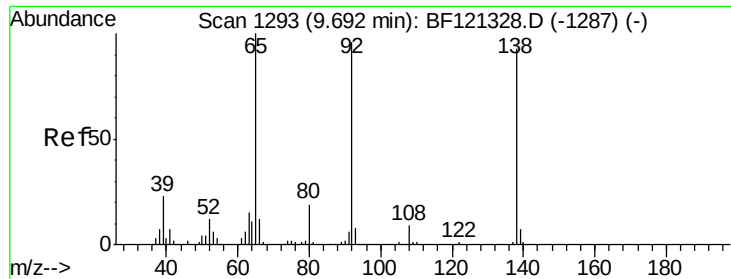
#52
 Acenaphthene
 Concen: 15.362 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF121344.D
 Acq: 20 Aug 2020 13:40

Tgt Ion:154 Resp: 238288
 Ion Ratio Lower Upper
 154 100
 153 113.1 92.0 138.0
 152 54.3 44.6 66.8



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

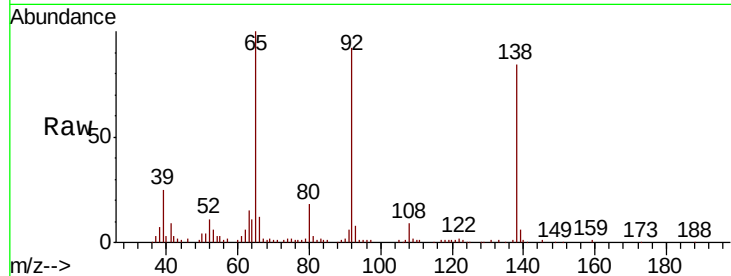




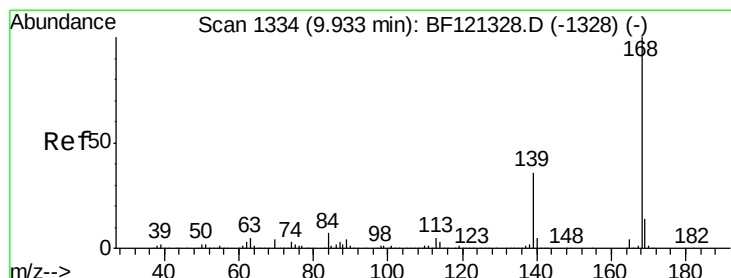
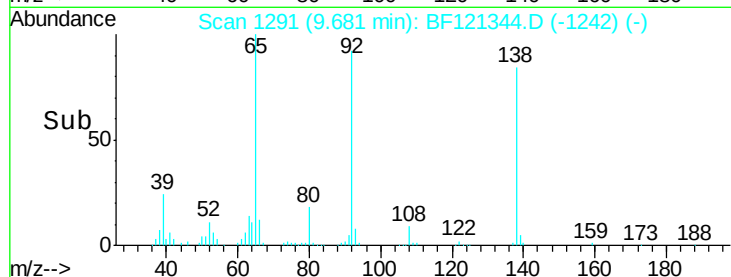
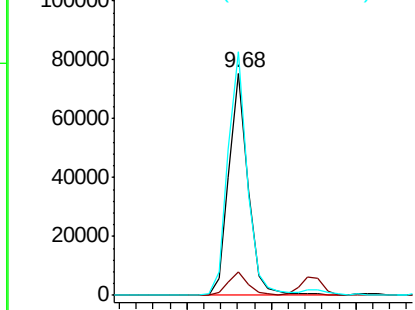
#53
 3-Nitroaniline
 Concen: 11.113 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: BF121344.D
 Acq: 20 Aug 2020 13:40

Instrument :
 BNA_F
 ClientSampleID :
 SU-02-081820

Tot Ion:138 Resp: 60120
 Ion Ratio Lower Upper
 138 100
 108 10.5 7.5 11.3
 92 109.5 83.0 124.4

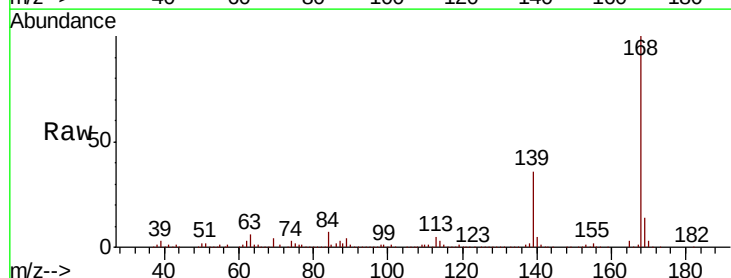


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

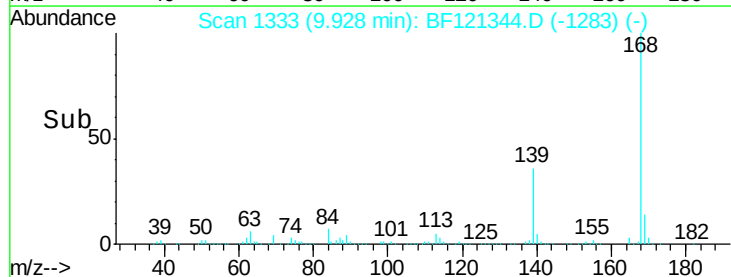
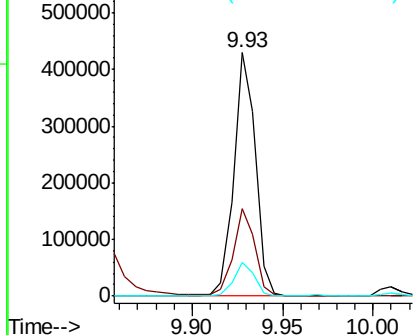


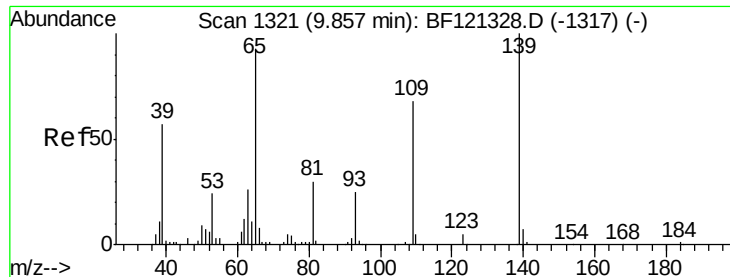
#55
 Dibenzofuran
 Concen: 14.266 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF121344.D
 Acq: 20 Aug 2020 13:40

Tgt Ion:168 Resp: 355465
 Ion Ratio Lower Upper
 168 100
 139 36.2 29.1 43.7
 169 13.8 11.0 16.6



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

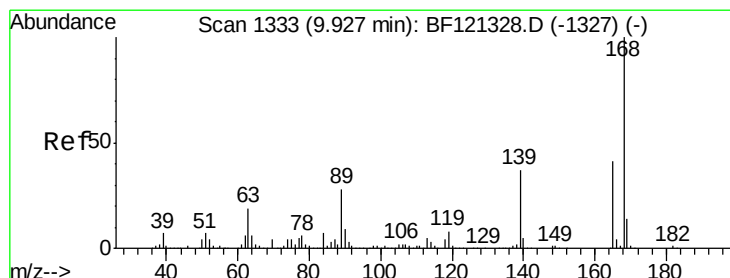
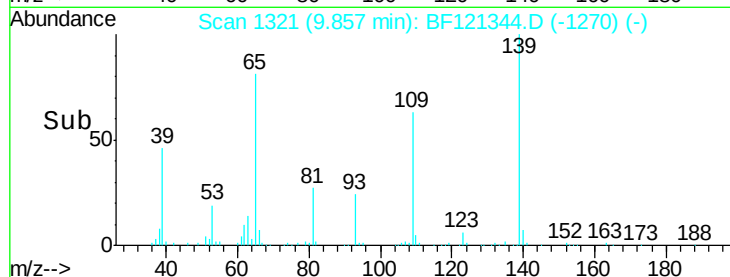
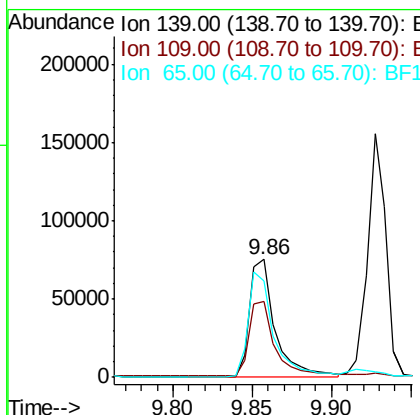
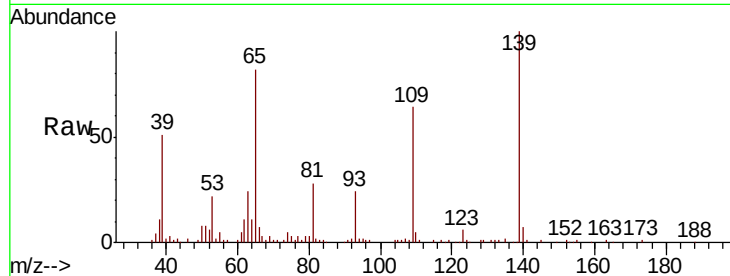




#56
4-Nitrophenol
Concen: 25.443 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF121344.D
Acq: 20 Aug 2020 13:40

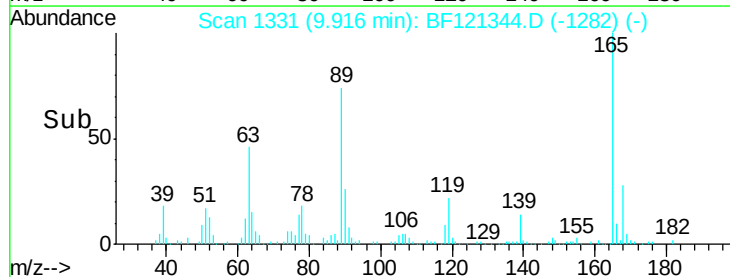
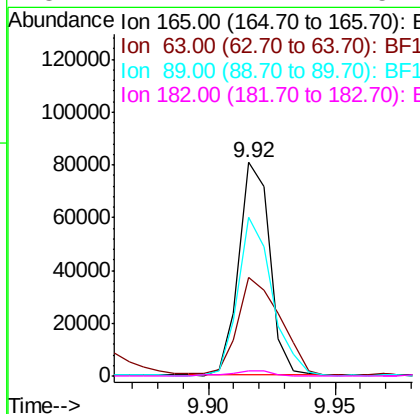
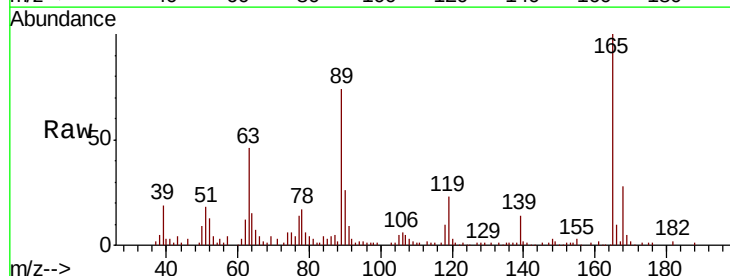
Instrument :
BNA_F
ClientSampleId :
SU-02-081820

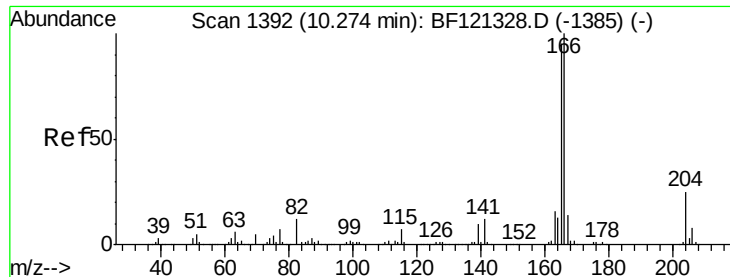
Tot Ion:139 Resp: 84889
Ion Ratio Lower Upper
139 100
109 64.3 47.7 87.7
65 81.9 73.2 113.2



#57
2,4-Dinitrotoluene
Concen: 12.949 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF121344.D
Acq: 20 Aug 2020 13:40

Tgt Ion:165 Resp: 68316
Ion Ratio Lower Upper
165 100
63 46.0 37.5 56.3
89 74.1 54.2 81.4
182 2.4 2.2 3.4





#58

Fluorene

Concen: 16.785 ng

RT: 10.27 min Scan# 1391

Delta R.T. -0.01 min

Lab File: BF121344.D

Acq: 20 Aug 2020 13:40

Instrument :

BNA_F

ClientSampleId :

SU-02-081820

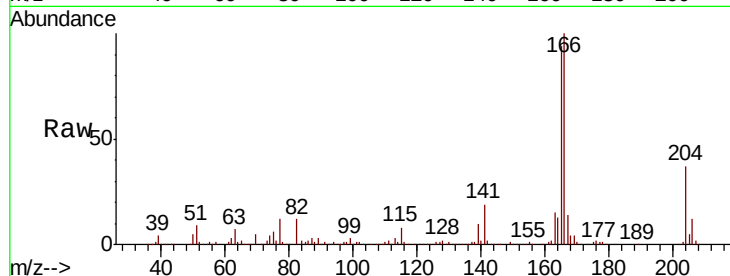
Tot Ion:166 Resp: 300804

Ion Ratio Lower Upper

166 100

165 93.7 75.8 113.8

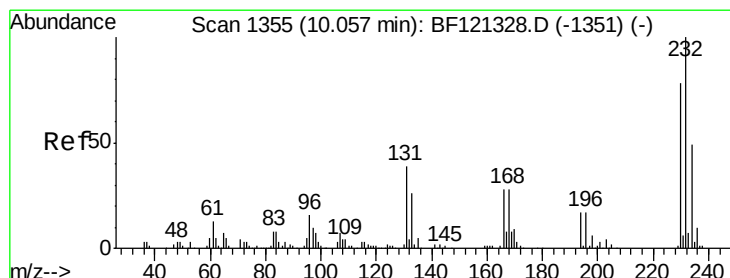
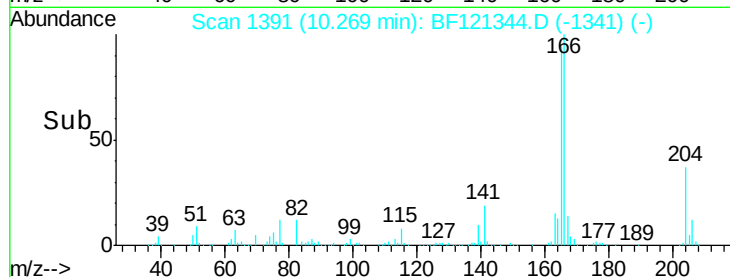
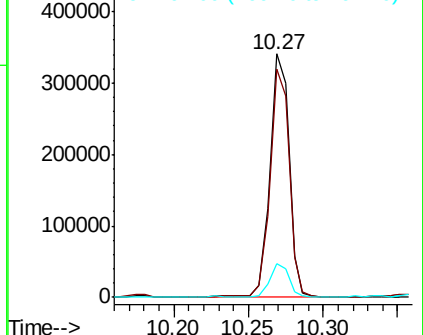
167 13.9 11.0 16.4



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: 12.795 ng

RT: 10.05 min Scan# 1354

Delta R.T. -0.01 min

Lab File: BF121344.D

Acq: 20 Aug 2020 13:40

Tgt Ion:232 Resp: 63552

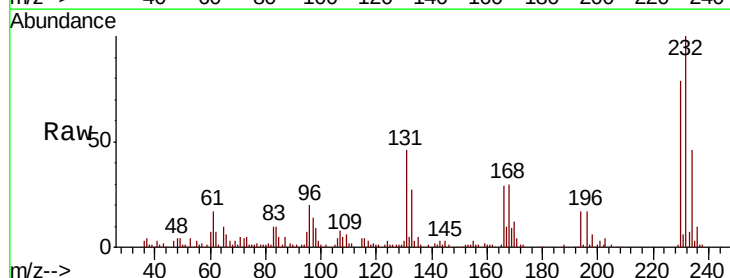
Ion Ratio Lower Upper

232 100

131 43.7 34.2 51.4

130 3.1 1.7 2.5#

166 29.5 22.3 33.5

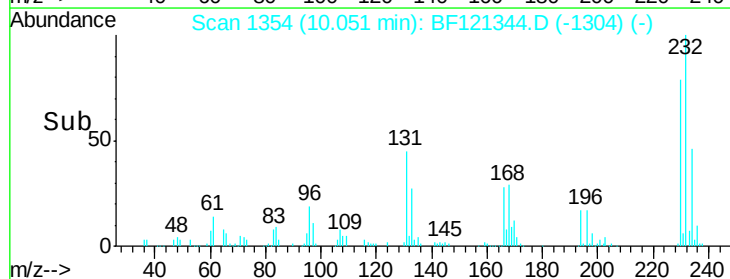
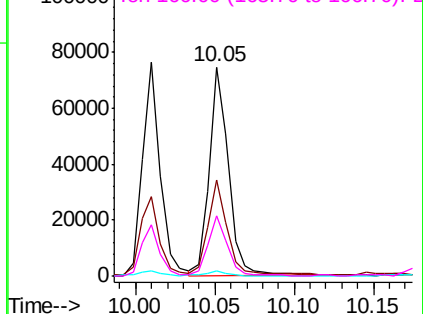


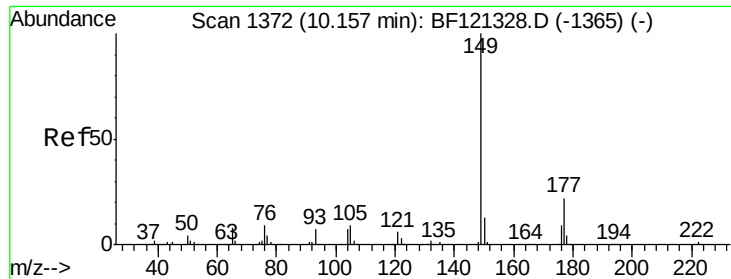
Abundance Ion 232.00 (231.70 to 232.70): E

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

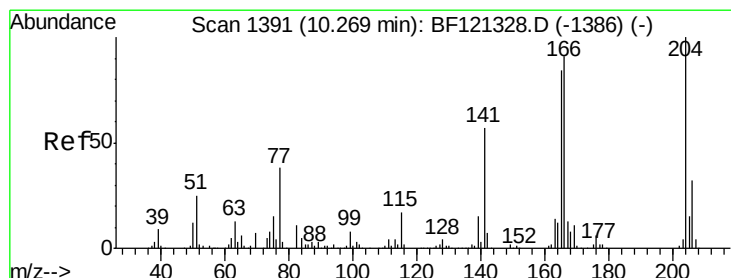
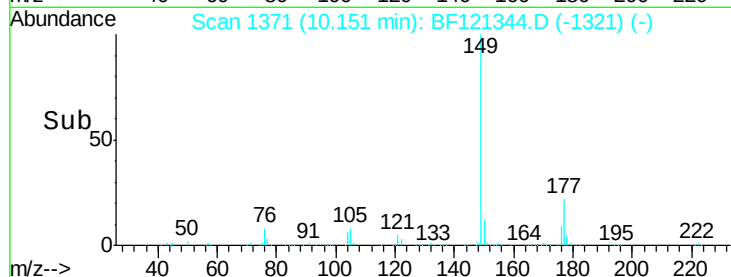
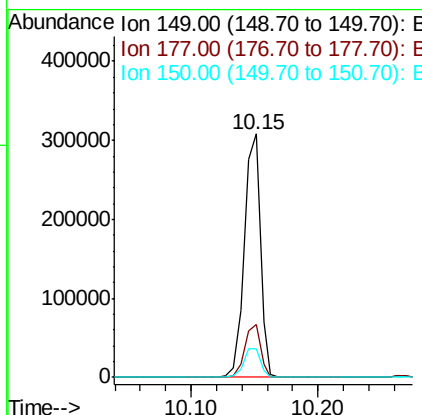
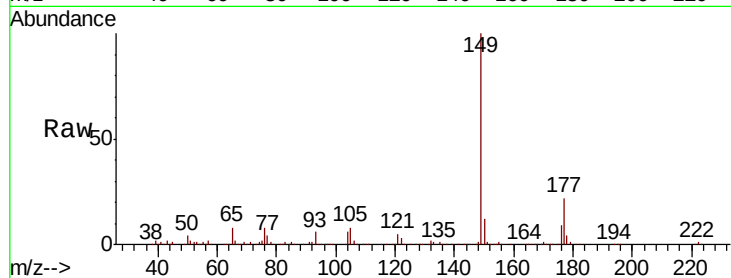




#60
Diethylphthalate
Concen: 13.638 ng
RT: 10.15 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BF121344.D
Acq: 20 Aug 2020 13:40

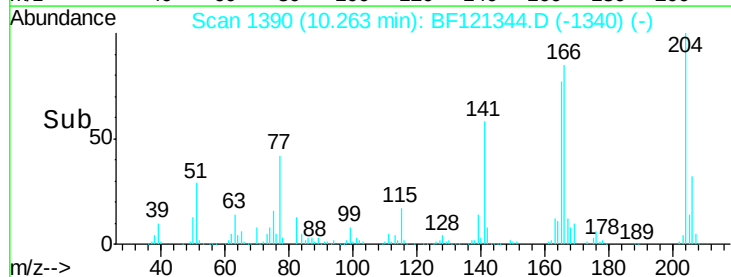
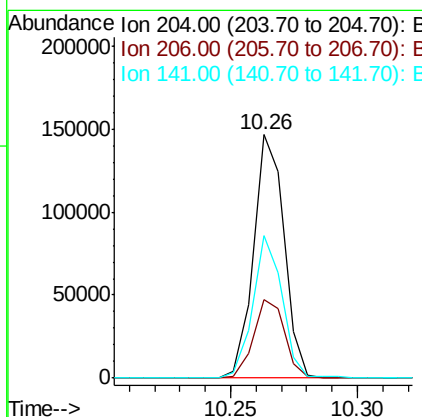
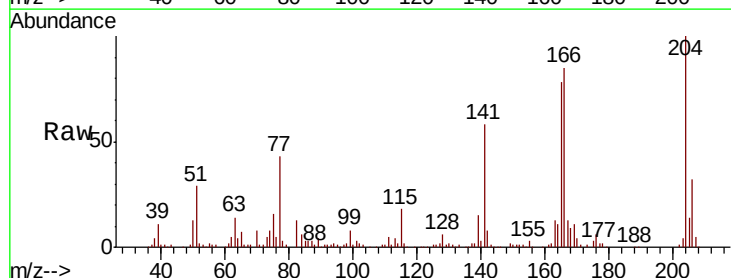
Instrument :
BNA_F
ClientSampleId :
SU-02-081820

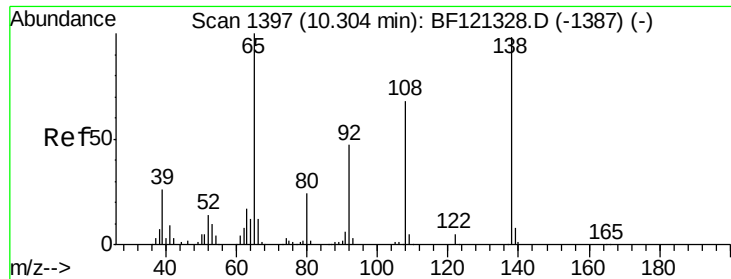
Tot Ion:149 Resp: 269683
Ion Ratio Lower Upper
149 100
177 21.9 17.6 26.4
150 11.9 10.1 15.1



#61
4-Chlorophenyl-phenylether
Concen: 12.296 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF121344.D
Acq: 20 Aug 2020 13:40

Tgt Ion:204 Resp: 123714
Ion Ratio Lower Upper
204 100
206 32.2 25.9 38.9
141 58.3 45.5 68.3

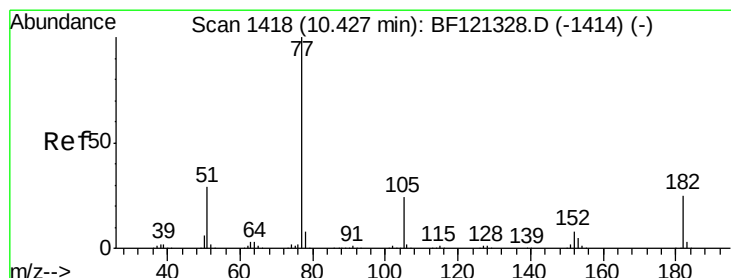
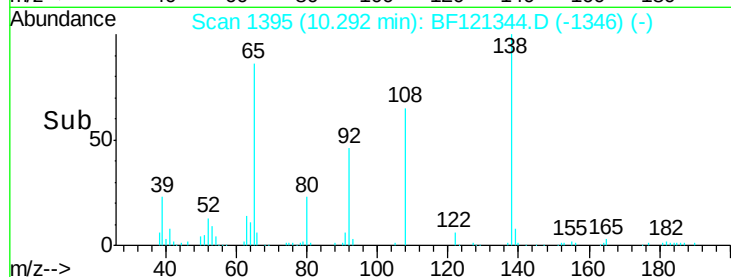
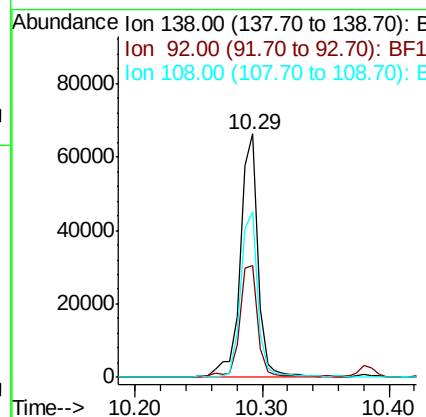
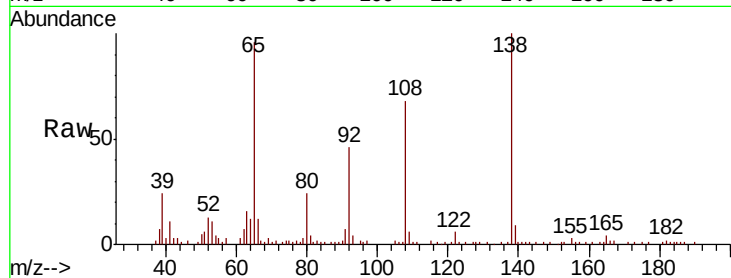




#62
4-Nitroaniline
Concen: 11.398 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF121344.D
Acq: 20 Aug 2020 13:40

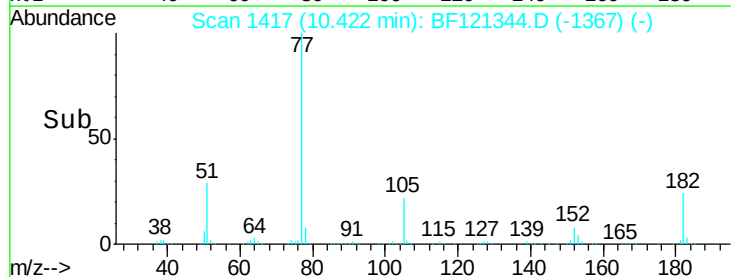
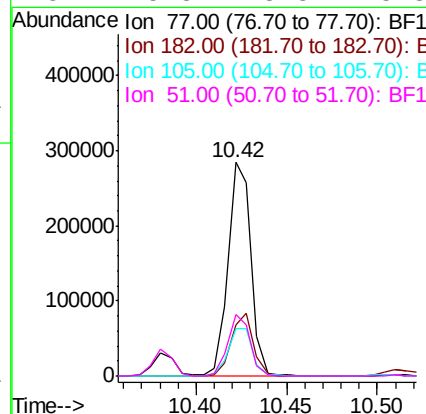
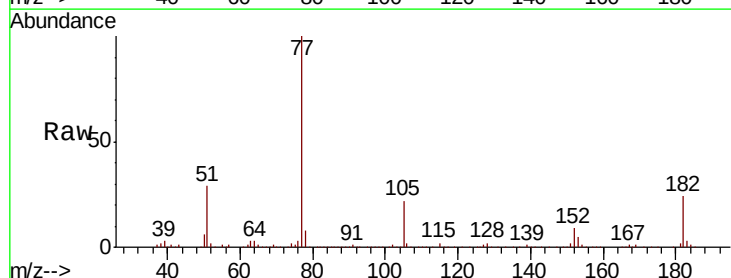
Instrument :
BNA_F
ClientSampleId :
SU-02-081820

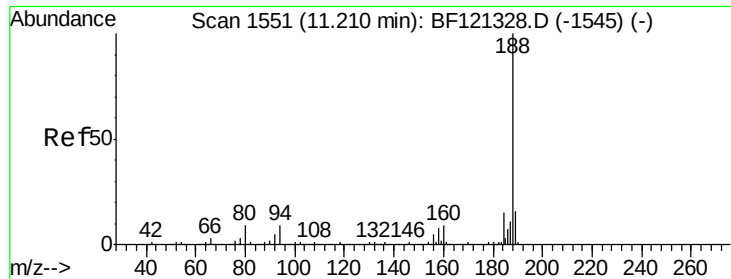
Tot Ion:138 Resp: 63182
Ion Ratio Lower Upper
138 100
92 45.9 28.1 68.1
108 67.8 49.5 89.5



#63
Azobenzene
Concen: 13.484 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF121344.D
Acq: 20 Aug 2020 13:40

Tgt Ion: 77 Resp: 247655
Ion Ratio Lower Upper
77 100
182 23.9 5.0 45.0
105 22.3 3.6 43.6
51 28.8 8.8 48.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.21 min Scan# 1551

Delta R.T. 0.00 min

Lab File: BF121344.D

Acq: 20 Aug 2020 13:40

Instrument :

BNA_F

ClientSampleId :

SU-02-081820

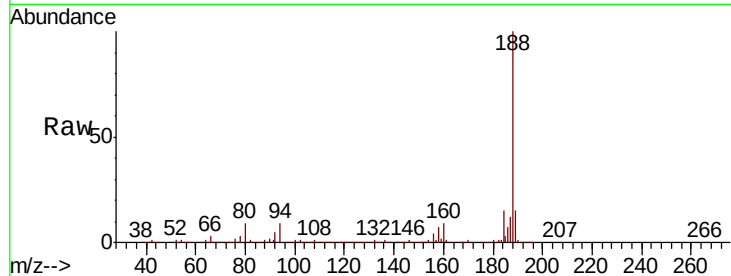
Tot Ion:188 Resp: 503253

Ion Ratio Lower Upper

188 100

94 8.7 7.2 10.8

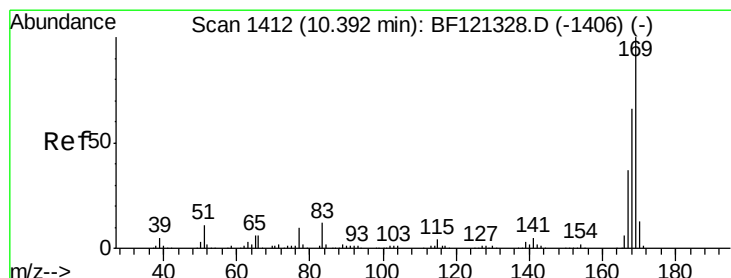
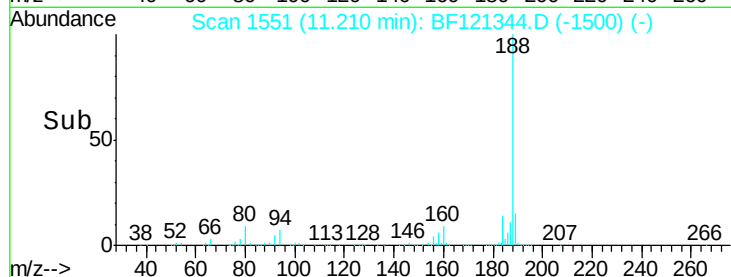
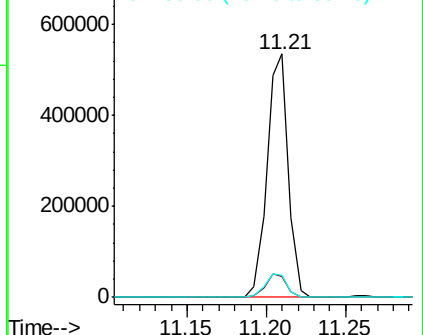
80 9.0 7.4 11.0



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



#66

n-Nitrosodiphenylamine

Concen: 14.687 ng

RT: 10.38 min Scan# 1410

Delta R.T. -0.01 min

Lab File: BF121344.D

Acq: 20 Aug 2020 13:40

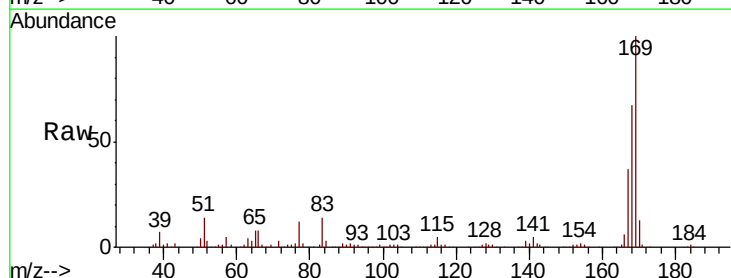
Tgt Ion:169 Resp: 227987

Ion Ratio Lower Upper

169 100

168 67.5 53.0 79.6

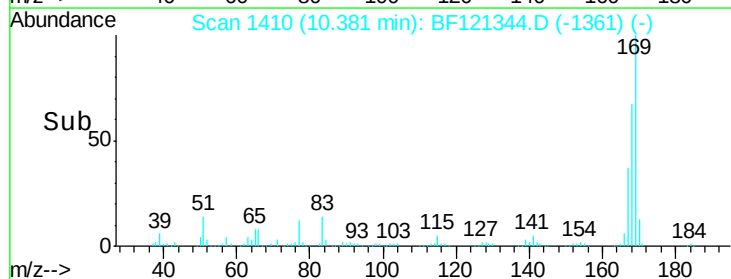
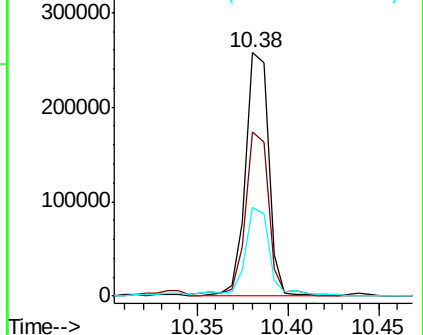
167 36.6 29.5 44.3

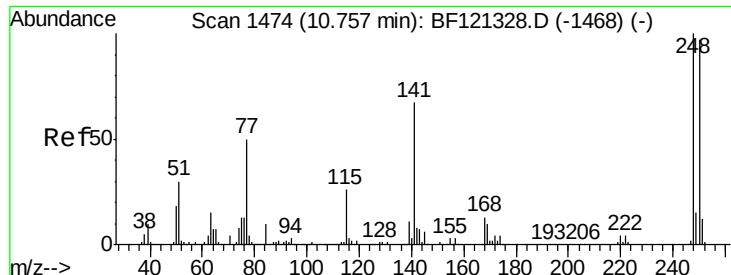


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

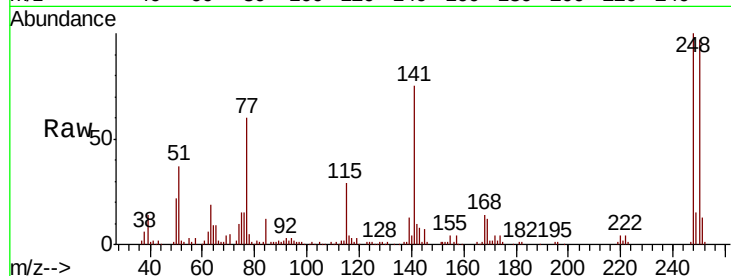




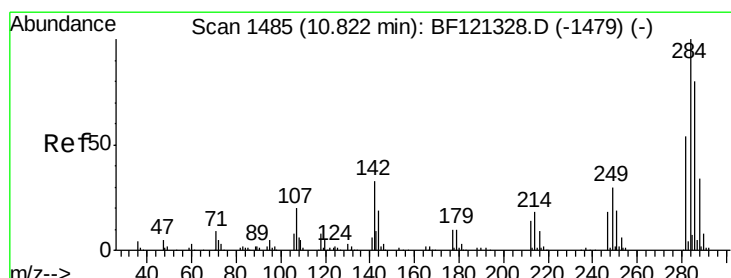
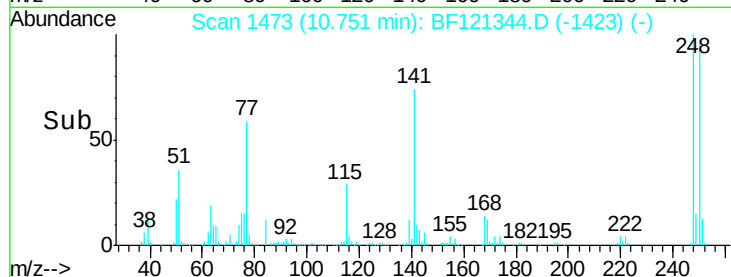
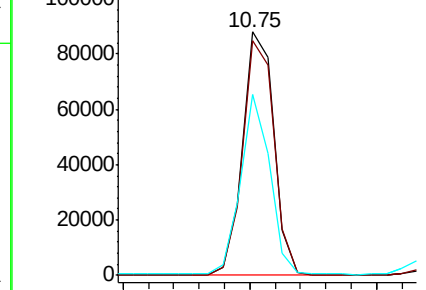
#67
4-Bromophenyl-phenylether
Concen: 13.467 ng
RT: 10.75 min Scan# 1473
Delta R.T. -0.01 min
Lab File: BF121344.D
Acq: 20 Aug 2020 13:40

Instrument :
BNA_F
ClientSampleId :
SU-02-081820

Tot Ion:248 Resp: 75179
Ion Ratio Lower Upper
248 100
250 96.5 77.9 116.9
141 74.6 53.5 80.3

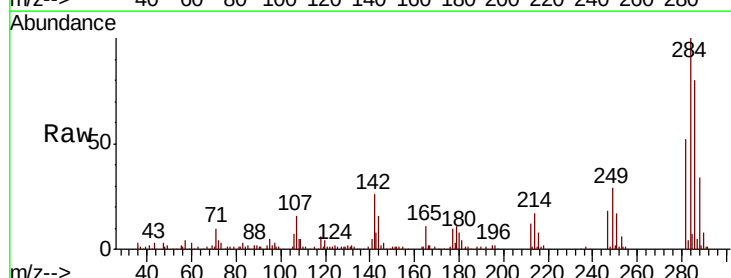


Abundance Ion 248.00 (247.70 to 248.70): E
120000
Ion 250.00 (249.70 to 250.70): E
100000
Ion 141.00 (140.70 to 141.70): E
80000
60000
40000
20000
0

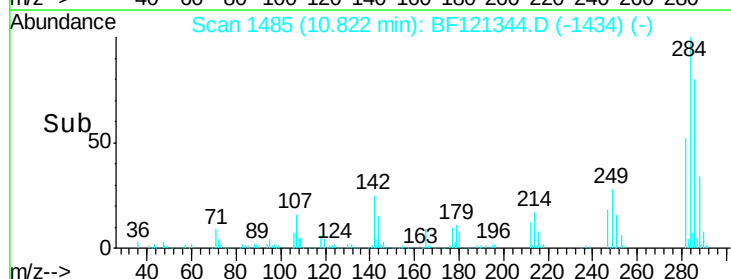
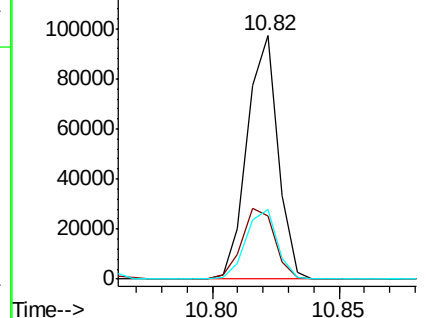


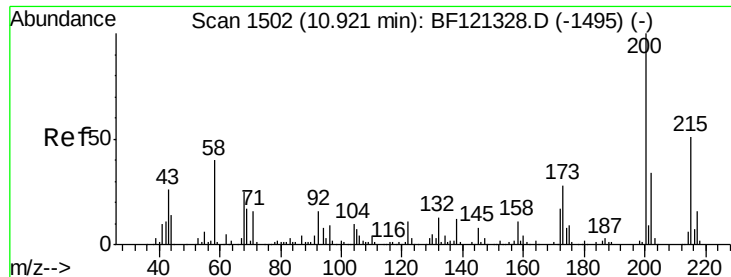
#68
Hexachlorobenzene
Concen: 12.812 ng
RT: 10.82 min Scan# 1485
Delta R.T. 0.00 min
Lab File: BF121344.D
Acq: 20 Aug 2020 13:40

Tgt Ion:284 Resp: 82440
Ion Ratio Lower Upper
284 100
142 26.2 26.1 39.1
249 28.6 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E
120000
Ion 142.00 (141.70 to 142.70): E
100000
Ion 249.00 (248.70 to 249.70): E
80000
60000
40000
20000
0





#69

Atrazine

Concen: 12.118 ng

RT: 10.91 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BF121344.D

Acq: 20 Aug 2020 13:40

Instrument :

BNA_F

ClientSampleId :

SU-02-081820

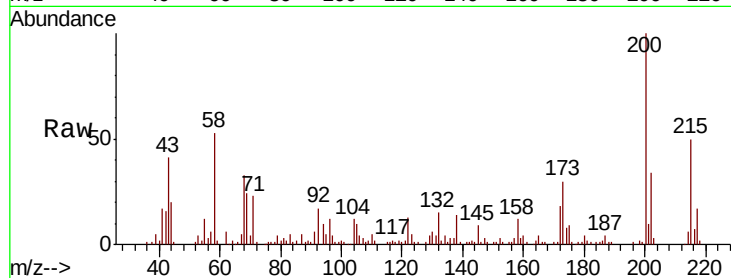
Tot Ion:200 Resp: 58271

Ion Ratio Lower Upper

200 100

173 30.0 7.8 47.8

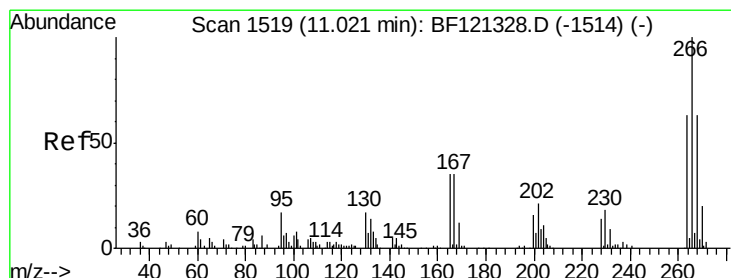
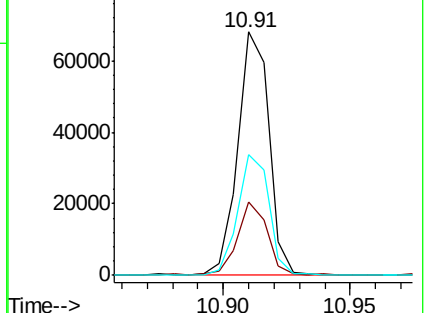
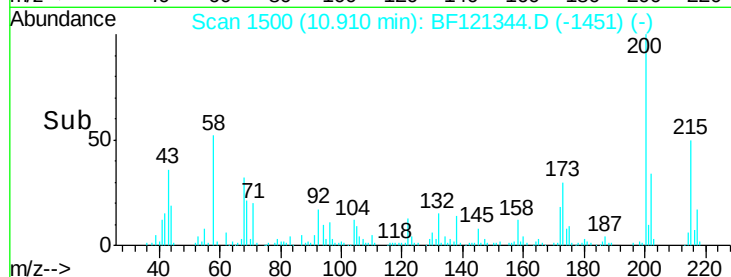
215 49.6 30.5 70.5



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: 25.333 ng

RT: 11.02 min Scan# 1519

Delta R.T. 0.00 min

Lab File: BF121344.D

Acq: 20 Aug 2020 13:40

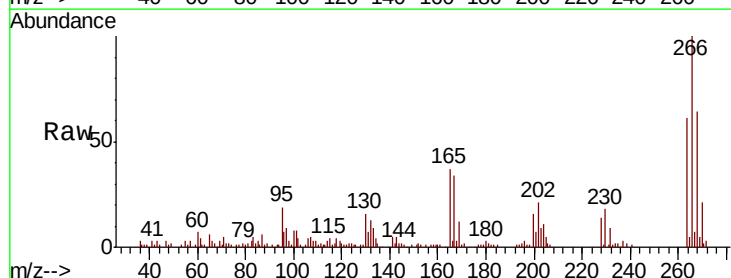
Tgt Ion:266 Resp: 72528

Ion Ratio Lower Upper

266 100

268 64.1 50.6 75.8

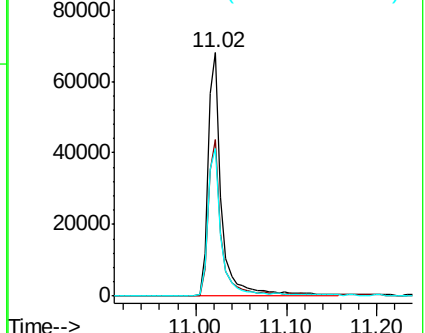
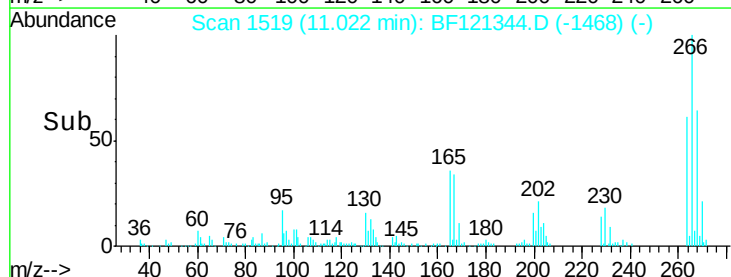
264 60.6 50.5 75.7

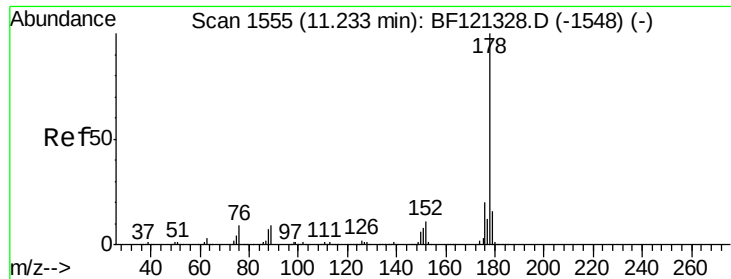


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

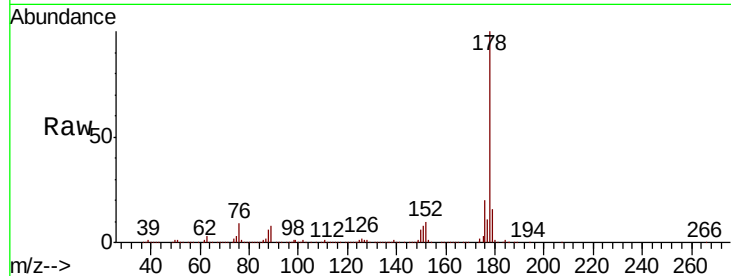




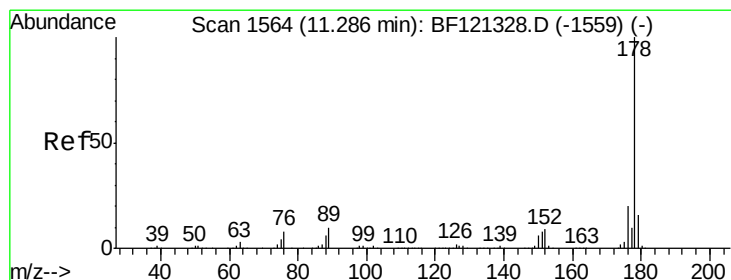
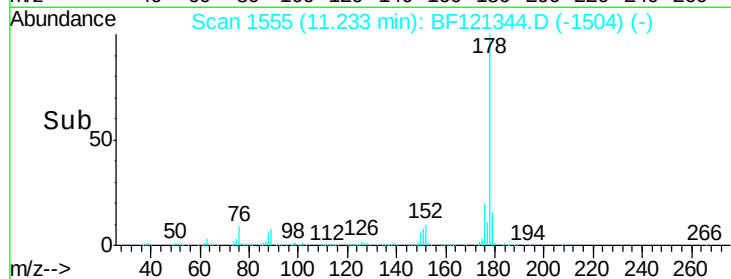
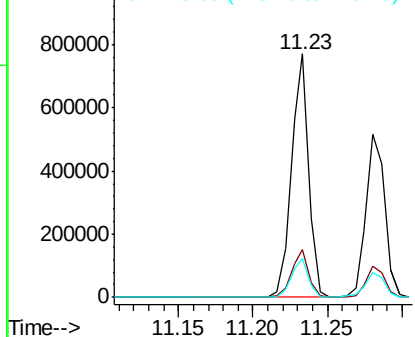
#71
Phenanthrene
Concen: 24.111 ng
RT: 11.23 min Scan# 1555
Delta R.T. 0.00 min
Lab File: BF121344.D
Acq: 20 Aug 2020 13:40

Instrument :
BNA_F
ClientSampleId :
SU-02-081820

Tot Ion:178 Resp: 627992
Ion Ratio Lower Upper
178 100
176 19.7 16.0 24.0
179 15.8 12.8 19.2

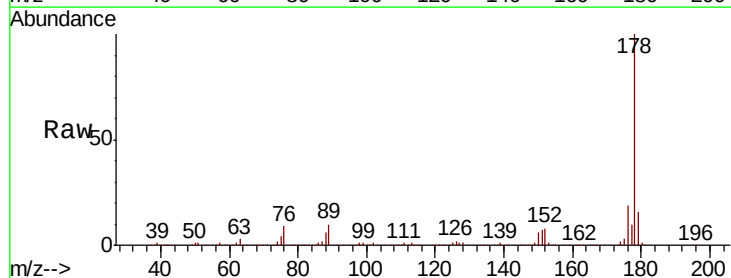


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

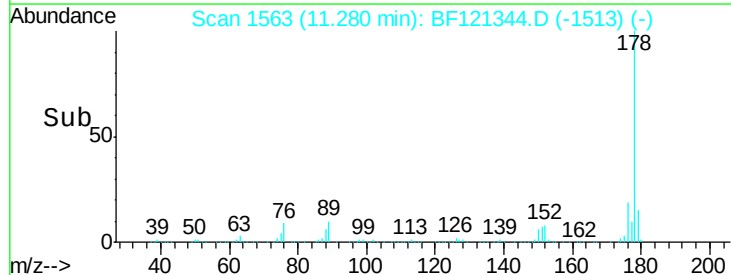
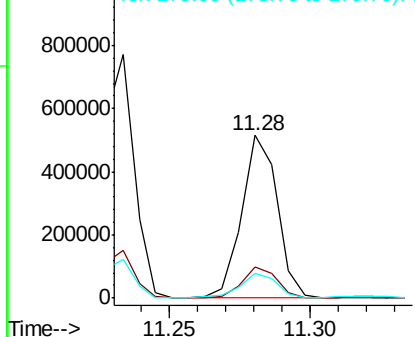


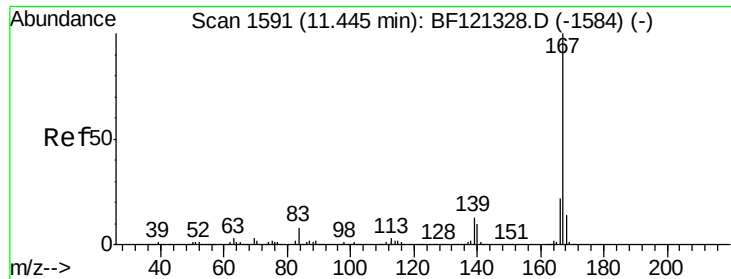
#72
Anthracene
Concen: 17.724 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF121344.D
Acq: 20 Aug 2020 13:40

Tgt Ion:178 Resp: 444539
Ion Ratio Lower Upper
178 100
176 19.0 15.6 23.4
179 15.6 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

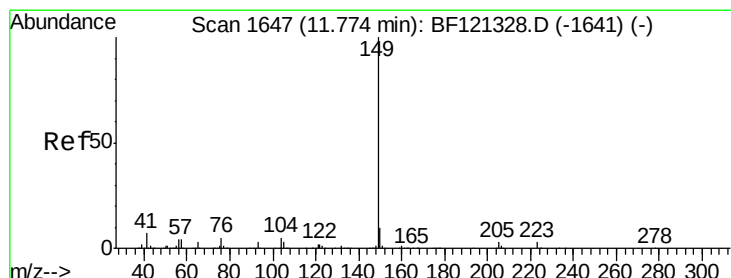
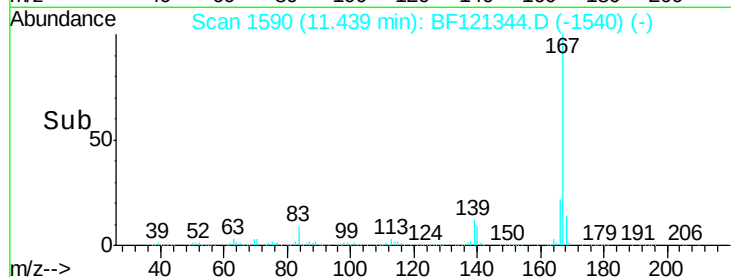
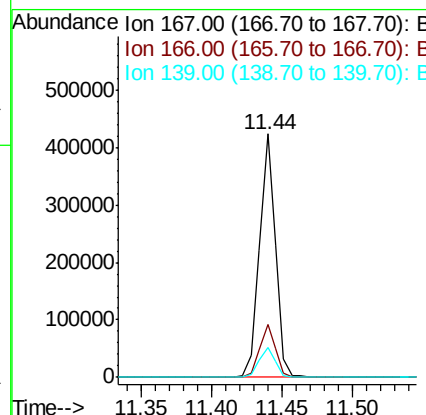
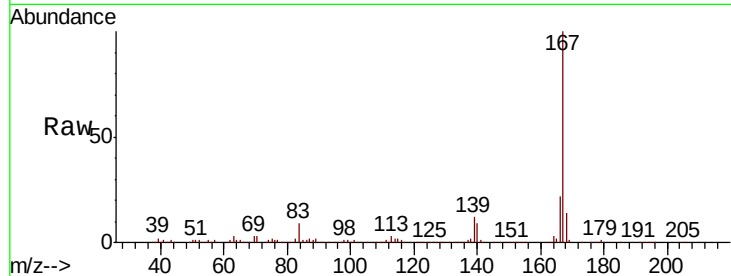




#73
 Carbazole
 Concen: 14.076 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BF121344.D
 Acq: 20 Aug 2020 13:40

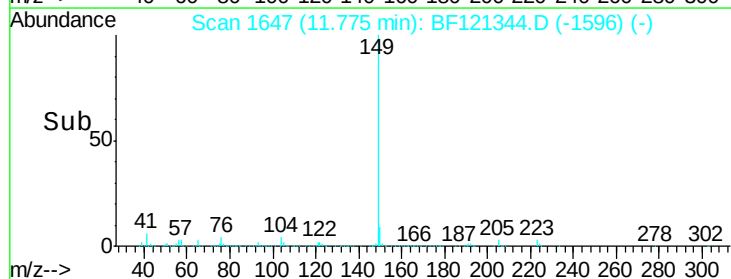
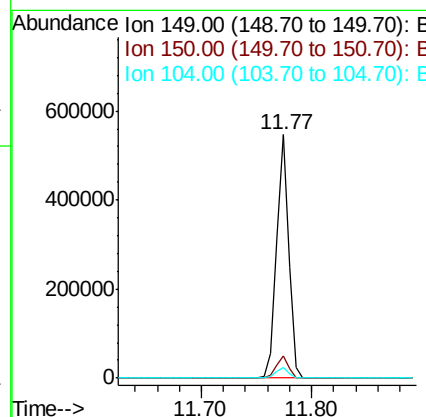
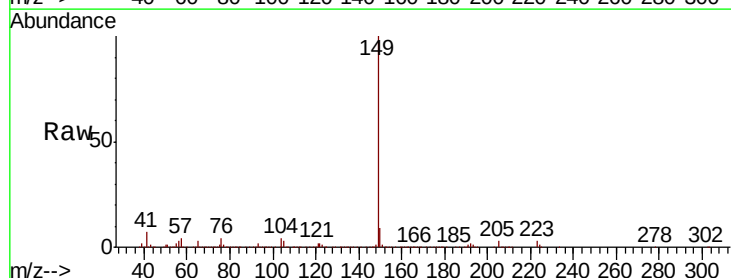
Instrument :
 BNA_F
 ClientSampleId :
 SU-02-081820

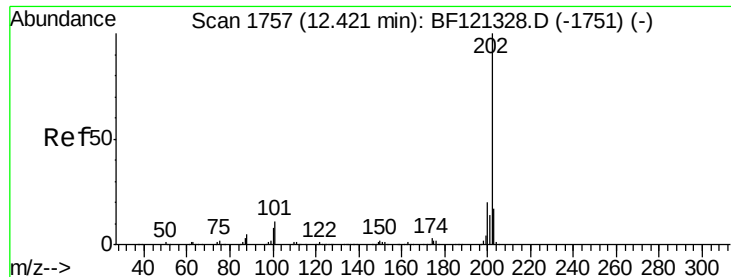
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.7	26.5
139	12.4	10.2	15.2



#74
 Di-n-butylphthalate
 Concen: 14.656 ng
 RT: 11.77 min Scan# 1647
 Delta R.T. 0.00 min
 Lab File: BF121344.D
 Acq: 20 Aug 2020 13:40

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.7	11.5
104	4.4	3.9	5.9





#75

Fluoranthene

Concen: 23.459 ng

RT: 12.42 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BF121344.D

Acq: 20 Aug 2020 13:40

Instrument :

BNA_F

ClientSampleId :

SU-02-081820

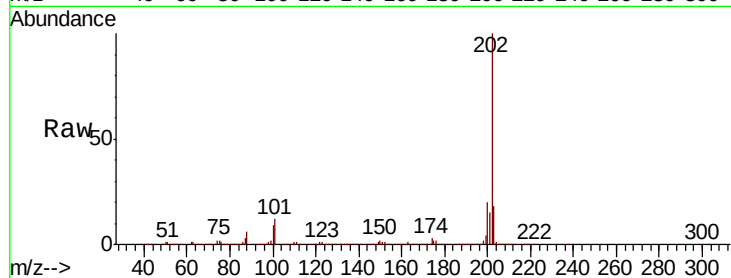
Tot Ion:202 Resp: 663202

Ion Ratio Lower Upper

202 100

101 12.0 0.0 30.6

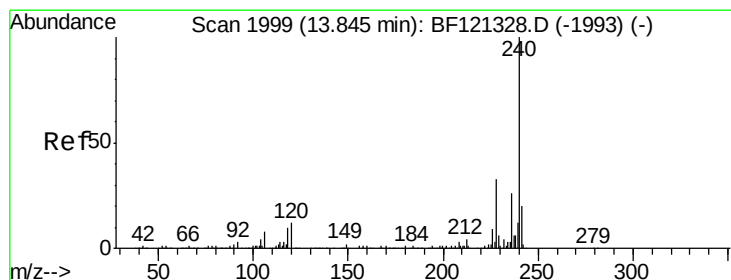
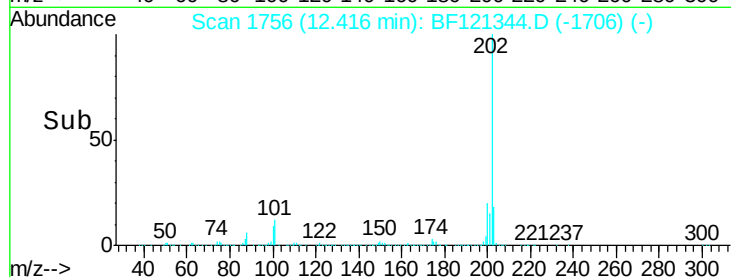
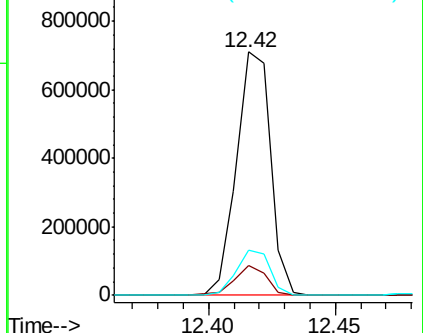
203 18.3 0.0 37.5



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: 13.85 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BF121344.D

Acq: 20 Aug 2020 13:40

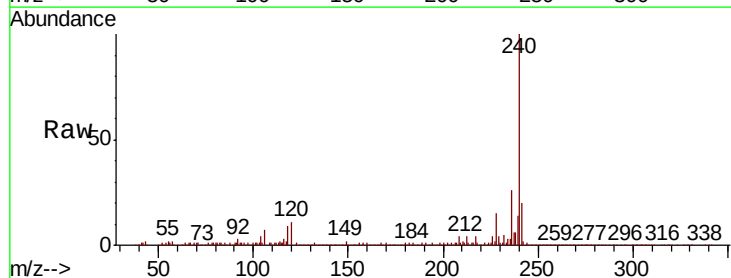
Tgt Ion:240 Resp: 339723

Ion Ratio Lower Upper

240 100

120 10.9 9.6 14.4

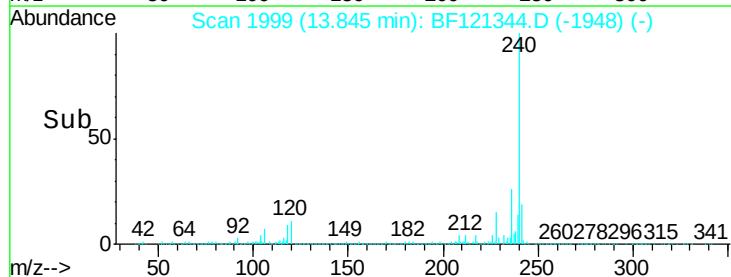
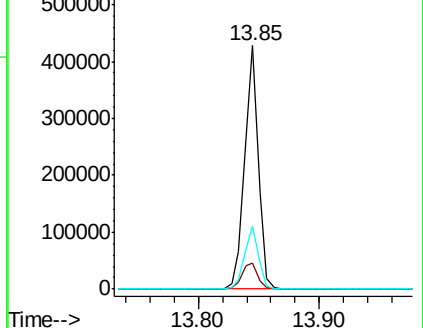
236 25.9 20.6 31.0

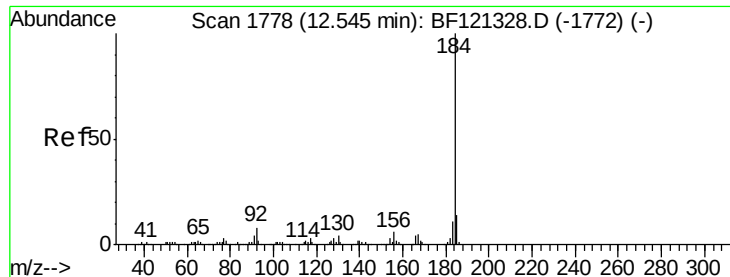


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 17.149 ng

RT: 12.55 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF121344.D

Acq: 20 Aug 2020 13:40

Instrument :

BNA_F

ClientSampleId :

SU-02-081820

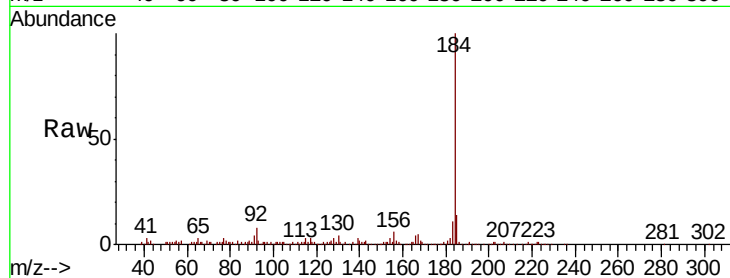
Tot Ion:184 Resp: 160509

Ion Ratio Lower Upper

184 100

185 13.8 11.6 17.4

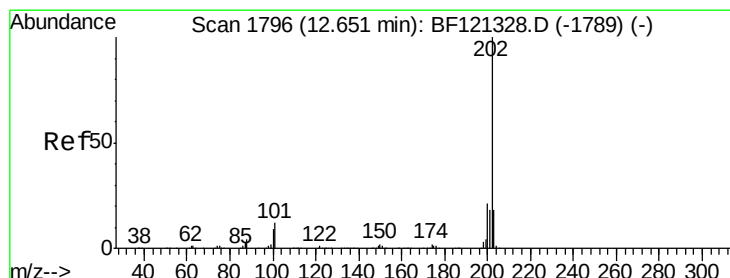
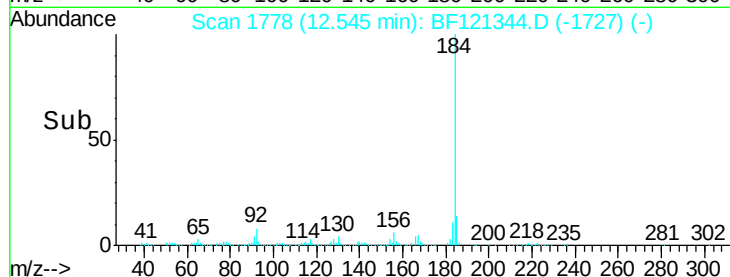
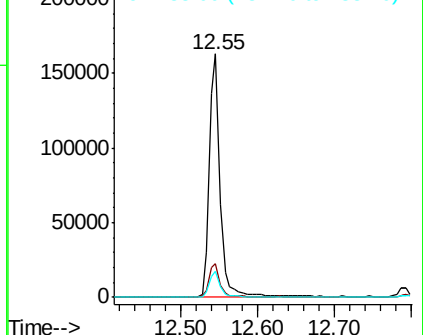
183 10.8 8.7 13.1



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: 25.157 ng

RT: 12.65 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BF121344.D

Acq: 20 Aug 2020 13:40

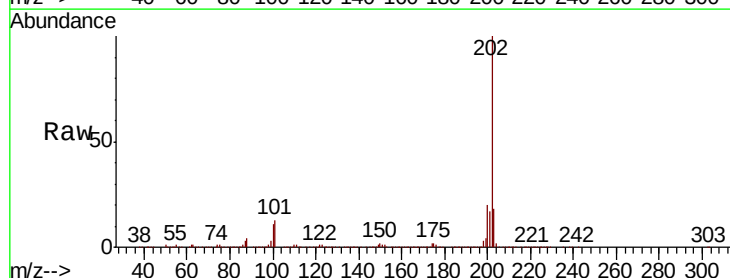
Tgt Ion:202 Resp: 641991

Ion Ratio Lower Upper

202 100

200 20.2 16.6 24.8

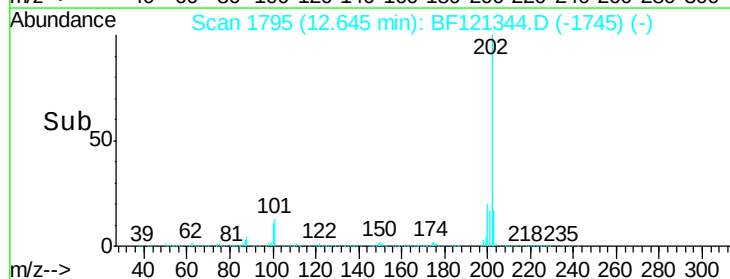
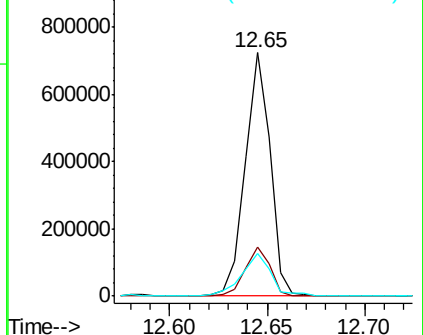
203 17.6 14.2 21.2

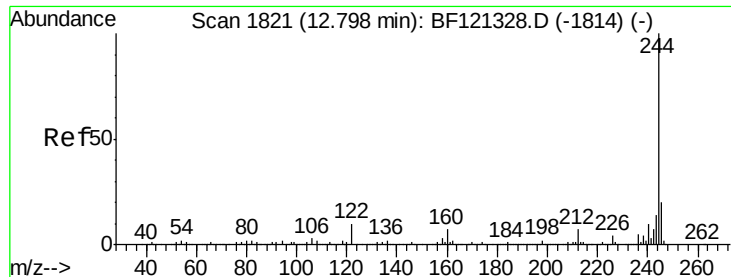


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 24.384 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.00 min

Lab File: BF121344.D

Acq: 20 Aug 2020 13:40

Instrument :

BNA_F

ClientSampleId :

SU-02-081820

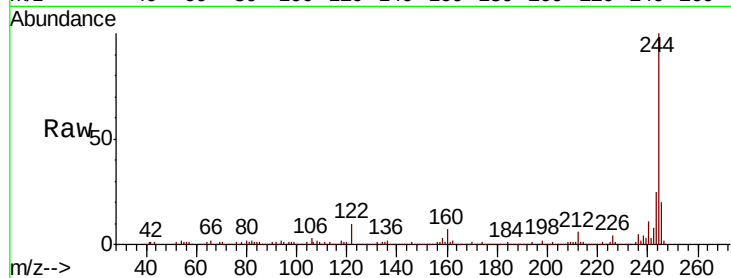
Tot Ion:244 Resp: 423909

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

122 10.1 7.8 11.8

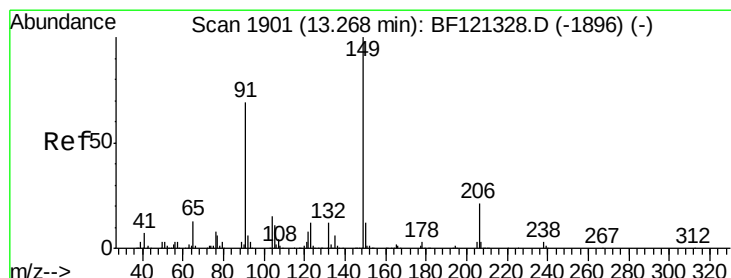
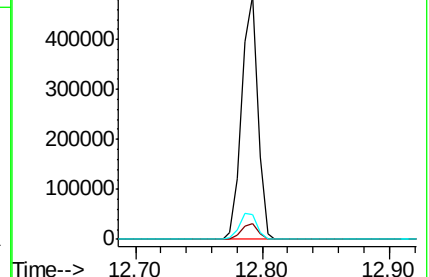
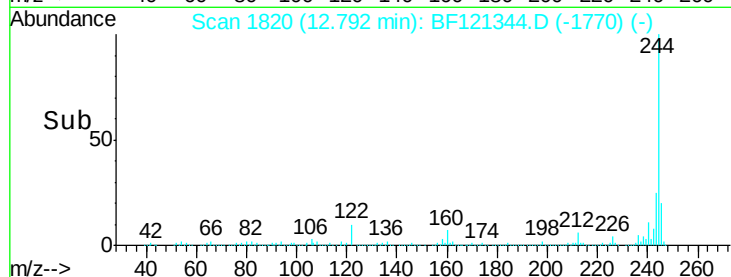


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.79



#80

Butylbenzylphthalate

Concen: 14.050 ng

RT: 13.27 min Scan# 1901

Delta R.T. 0.00 min

Lab File: BF121344.D

Acq: 20 Aug 2020 13:40

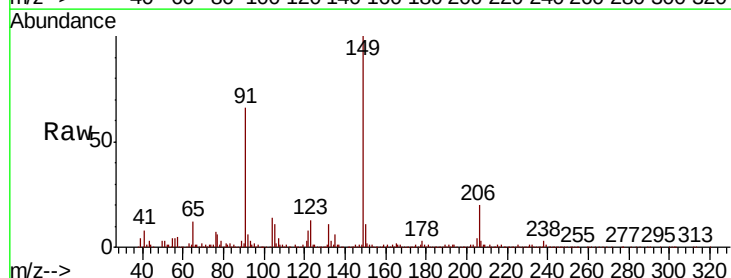
Tgt Ion:149 Resp: 154058

Ion Ratio Lower Upper

149 100

91 65.9 55.2 82.8

206 20.1 16.8 25.2

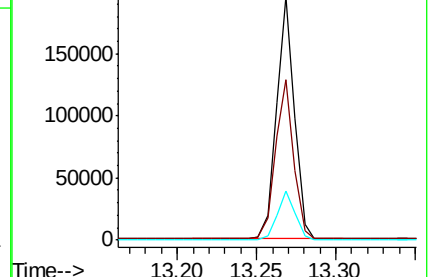
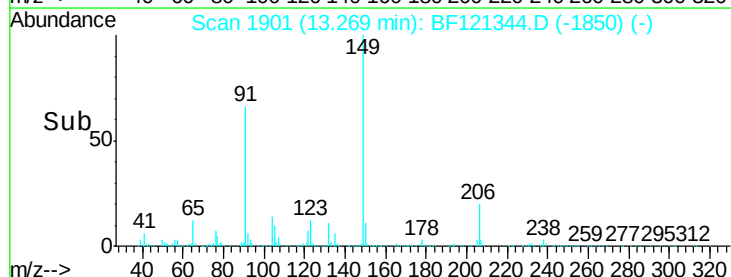


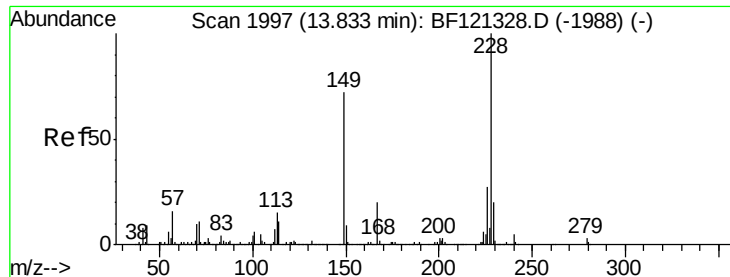
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

13.27

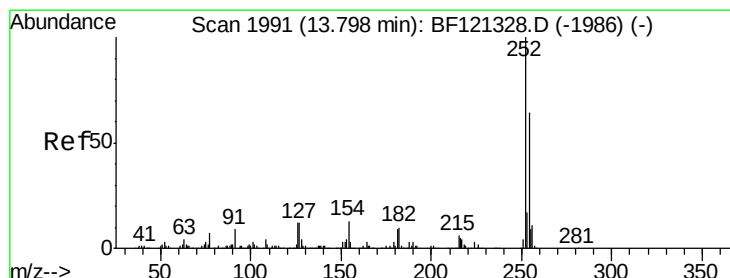
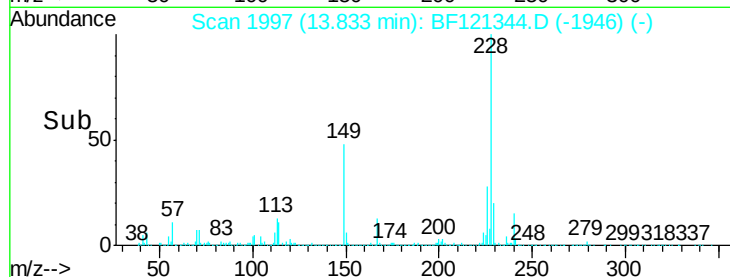
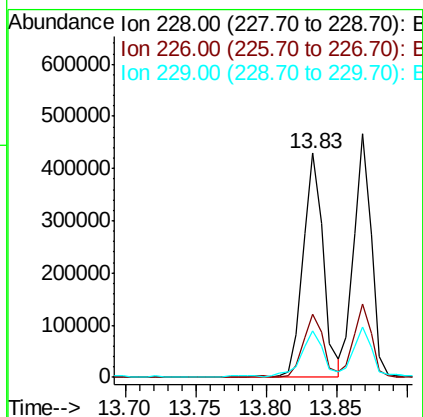
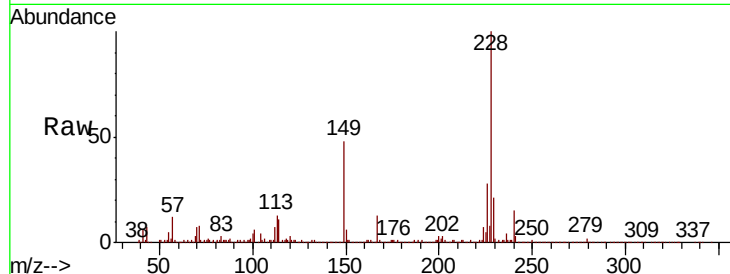




#81
Benzo(a)anthracene
Concen: 19.990 ng
RT: 13.83 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BF121344.D
Acq: 20 Aug 2020 13:40

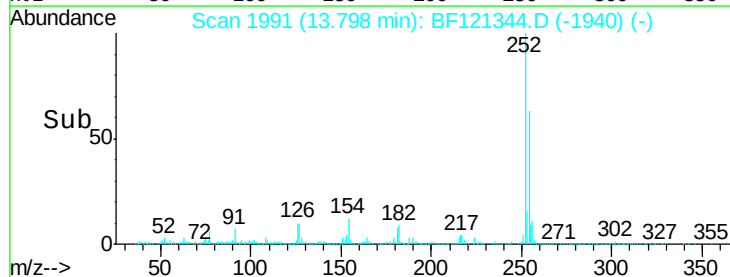
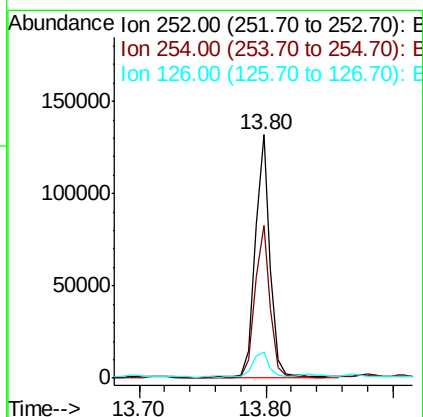
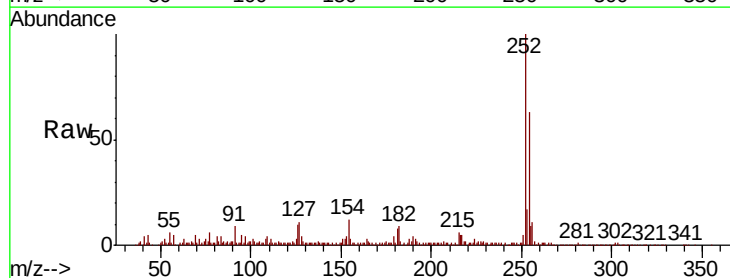
Instrument :
BNA_F
ClientSampleId :
SU-02-081820

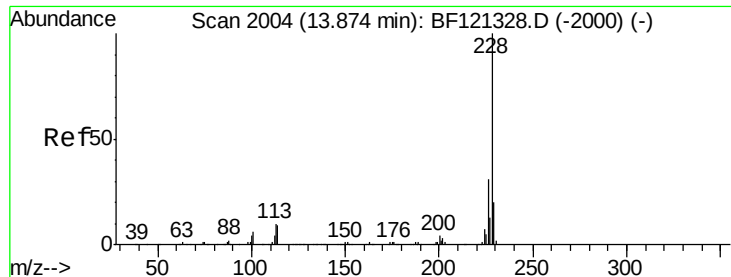
Tot Ion:228 Resp: 421798
Ion Ratio Lower Upper
228 100
226 28.1 21.8 32.6
229 20.7 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 13.318 ng
RT: 13.80 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BF121344.D
Acq: 20 Aug 2020 13:40

Tgt Ion:252 Resp: 107900
Ion Ratio Lower Upper
252 100
254 63.0 51.5 77.3
126 10.5 9.8 14.8

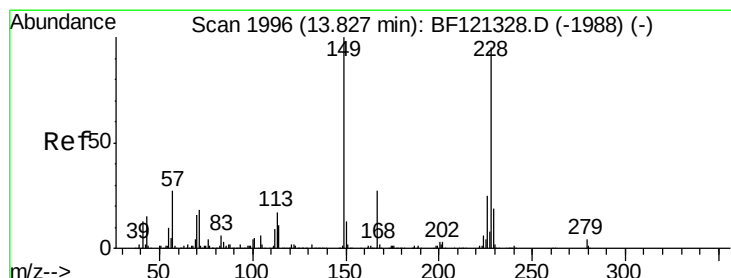
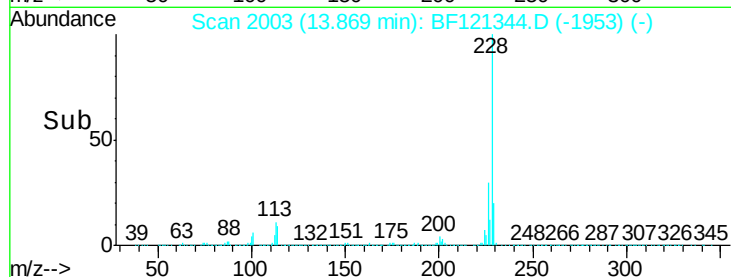
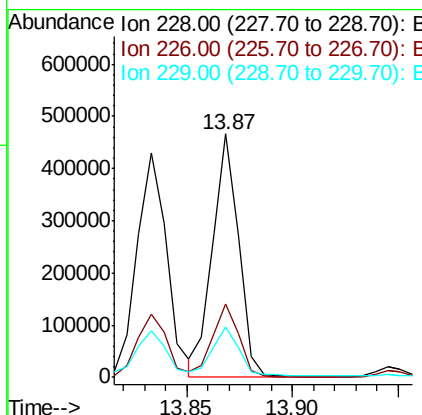
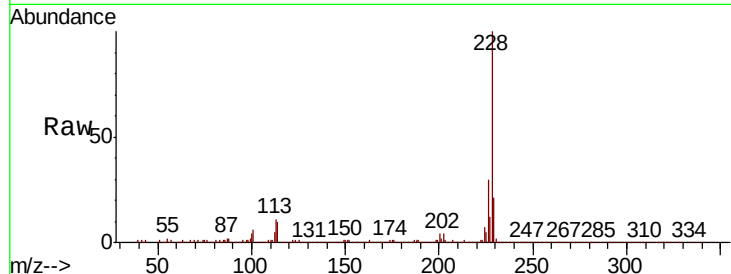




#83
Chrysene
Concen: 18.642 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF121344.D
Acq: 20 Aug 2020 13:40

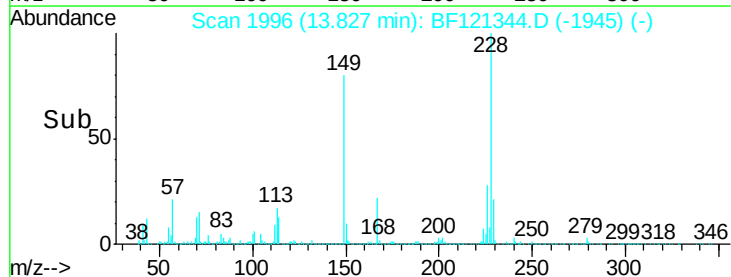
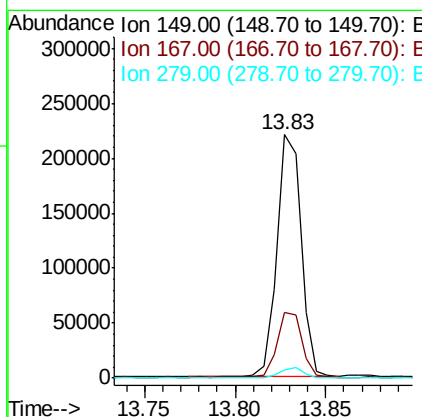
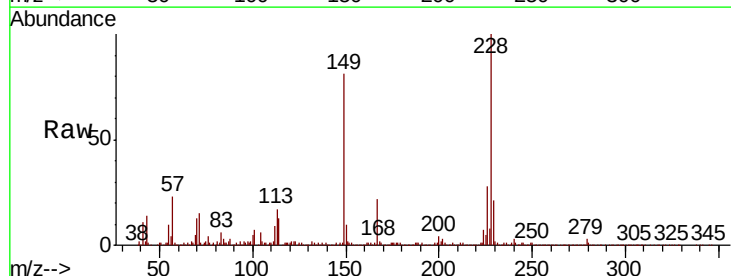
Instrument :
BNA_F
ClientSampleId :
SU-02-081820

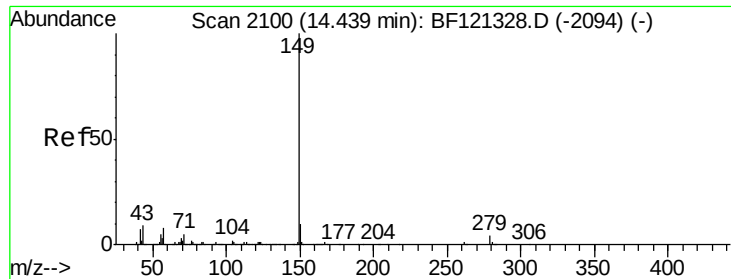
Tot Ion:228	Resp:	402298
Ion	Ratio	Lower Upper
228	100	
226	30.3	24.6 36.8
229	20.9	15.9 23.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 15.782 ng
RT: 13.83 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BF121344.D
Acq: 20 Aug 2020 13:40

Tgt Ion:149	Resp:	203508
Ion	Ratio	Lower Upper
149	100	
167	27.1	21.5 32.3
279	3.5	2.9 4.3





#85

Di-n-octyl phthalate

Concen: 15.357 ng

RT: 14.44 min Scan# 2100

Delta R.T. 0.00 min

Lab File: BF121344.D

Acq: 20 Aug 2020 13:40

Instrument :

BNA_F

ClientSampleId :

SU-02-081820

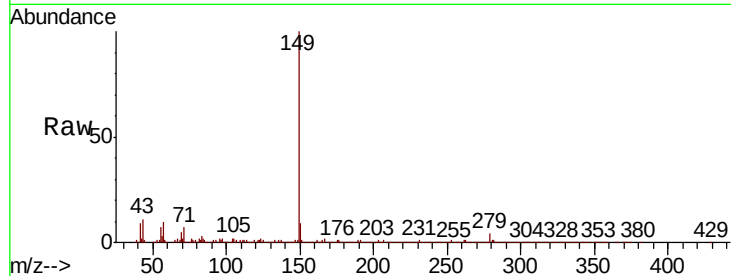
Tot Ion:149 Resp: 366492

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

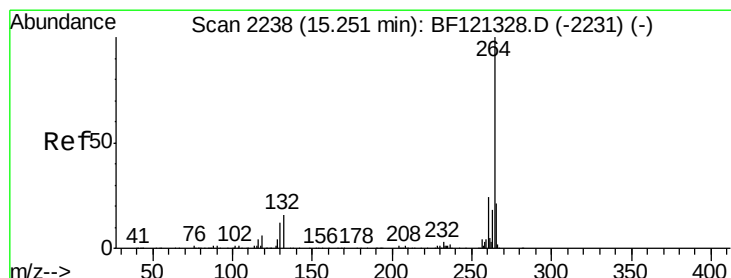
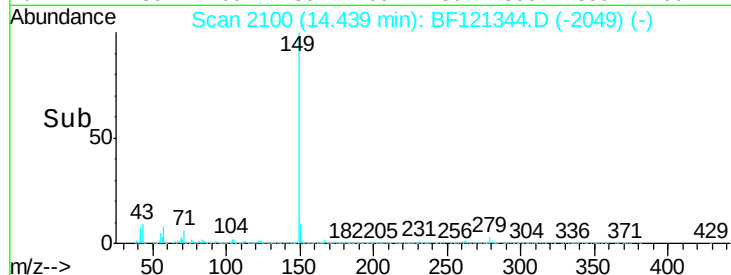
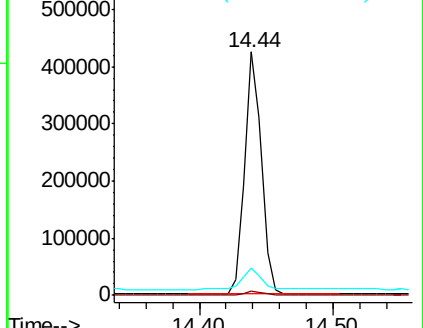
43 10.0 7.1 10.7



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: 15.26 min Scan# 2239

Delta R.T. 0.01 min

Lab File: BF121344.D

Acq: 20 Aug 2020 13:40

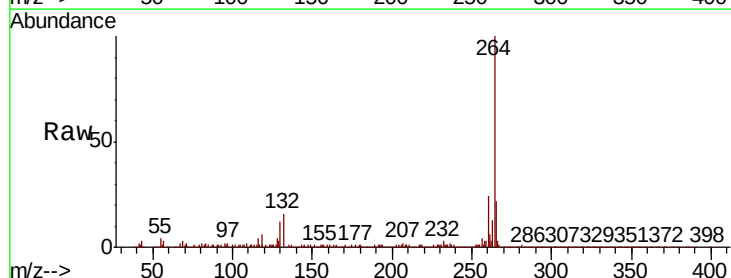
Tgt Ion:264 Resp: 397585

Ion Ratio Lower Upper

264 100

260 23.9 19.5 29.3

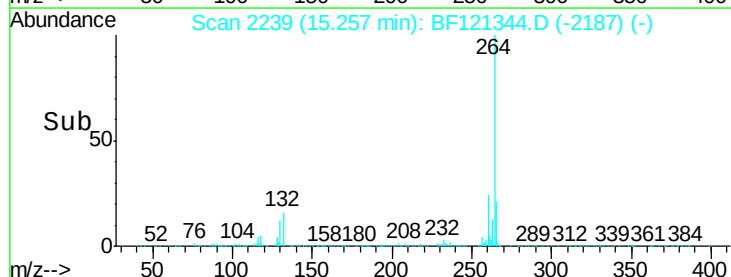
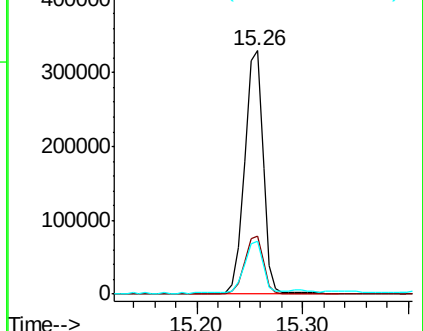
265 21.9 17.1 25.7

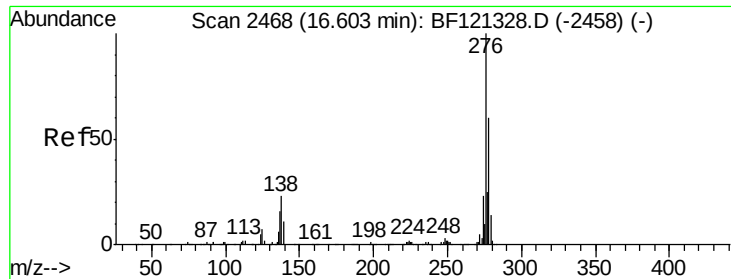


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

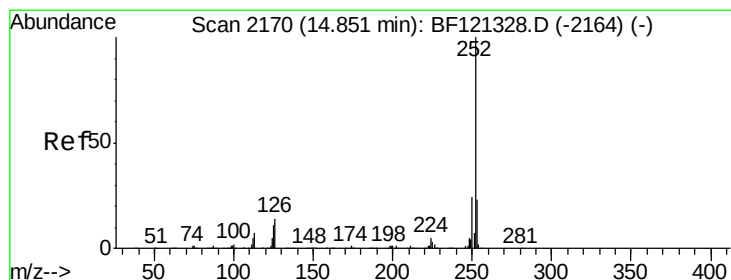
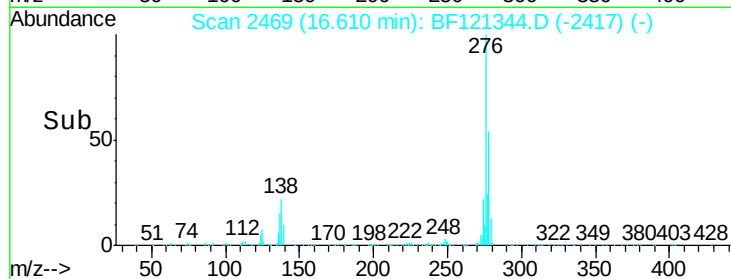
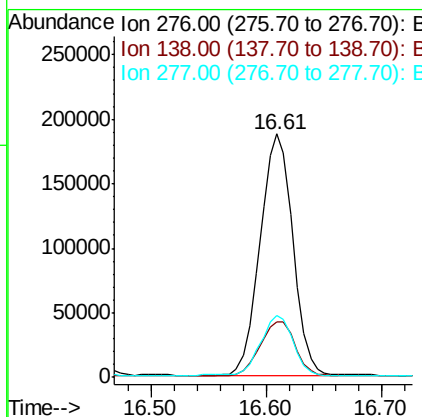
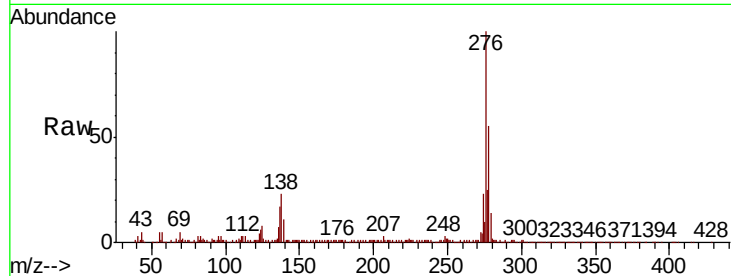




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 15.301 ng
 RT: 16.61 min Scan# 2469
 Delta R.T. 0.01 min
 Lab File: BF121344.D
 Acq: 20 Aug 2020 13:40

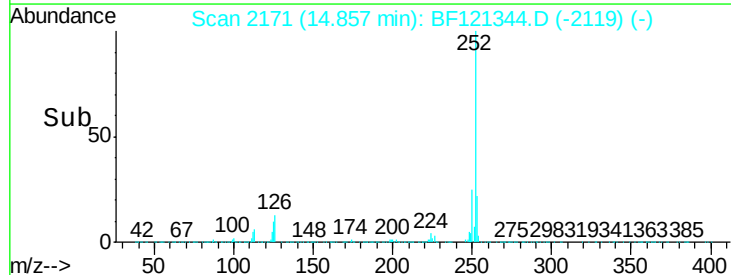
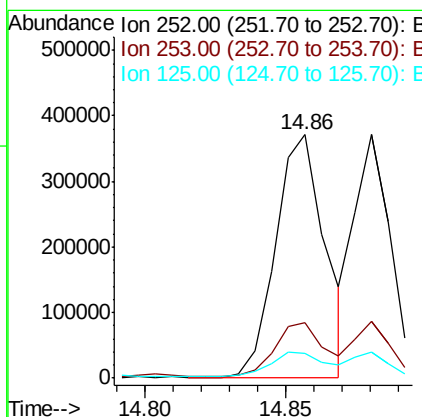
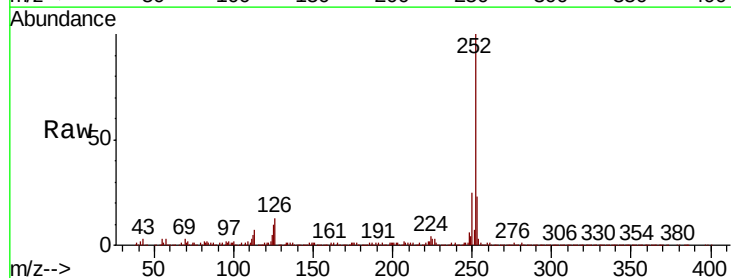
Instrument :
 BNA_F
 ClientSampleId :
 SU-02-081820

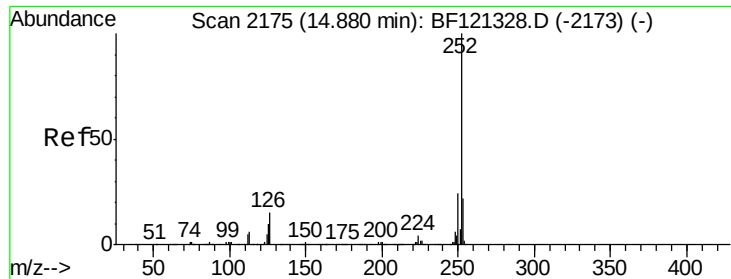
Tot Ion	Ratio	Lower	Upper
276	100		
138	23.9	19.4	29.0
277	25.1	19.9	29.9



#88
 Benzo(b)fluoranthene
 Concen: 17.422 ng
 RT: 14.86 min Scan# 2171
 Delta R.T. 0.01 min
 Lab File: BF121344.D
 Acq: 20 Aug 2020 13:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	10.4	8.6	12.8

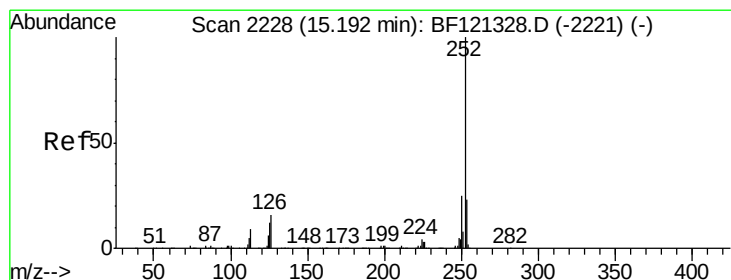
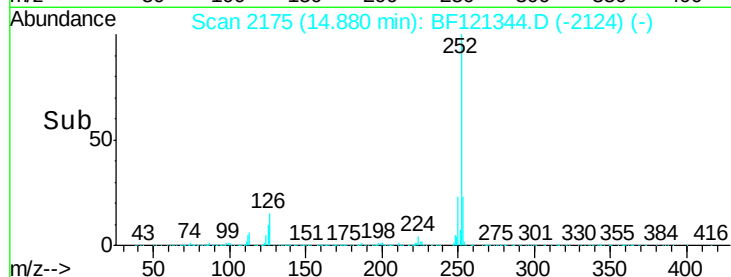
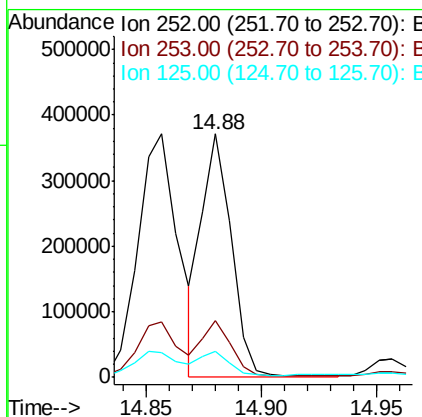
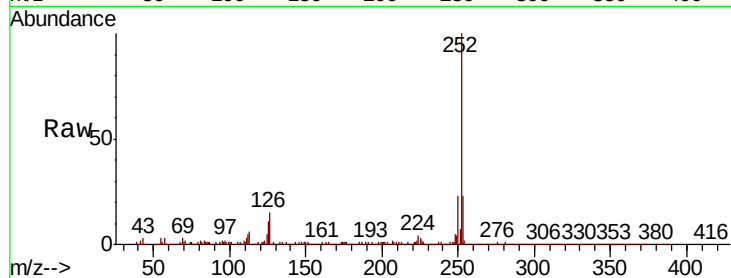




#89
Benzo(k)fluoranthene
Concen: 14.632 ng
RT: 14.88 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BF121344.D
Acq: 20 Aug 2020 13:40

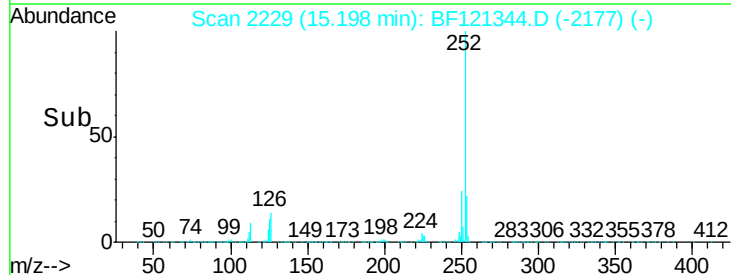
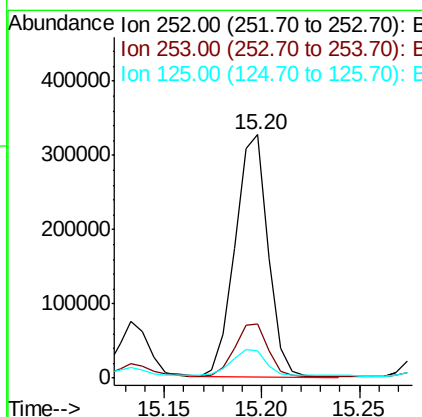
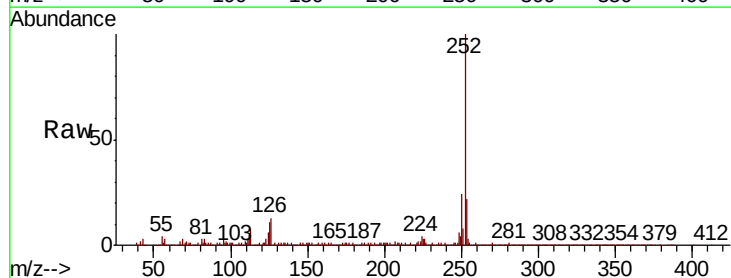
Instrument :
BNA_F
ClientSampleId :
SU-02-081820

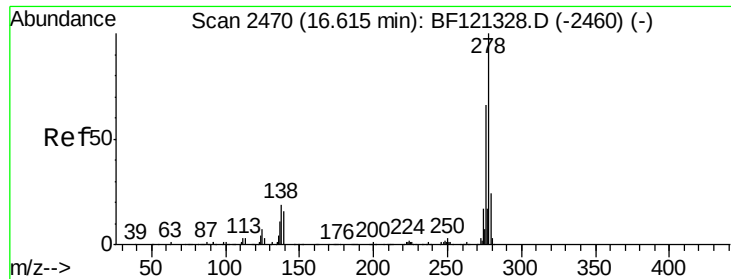
Tot Ion:252 Resp: 330824
Ion Ratio Lower Upper
252 100
253 23.1 17.9 26.9
125 10.6 8.6 12.8



#90
Benzo(a)pyrene
Concen: 17.285 ng
RT: 15.20 min Scan# 2229
Delta R.T. 0.01 min
Lab File: BF121344.D
Acq: 20 Aug 2020 13:40

Tgt Ion:252 Resp: 383617
Ion Ratio Lower Upper
252 100
253 22.5 18.0 27.0
125 11.0 9.4 14.0



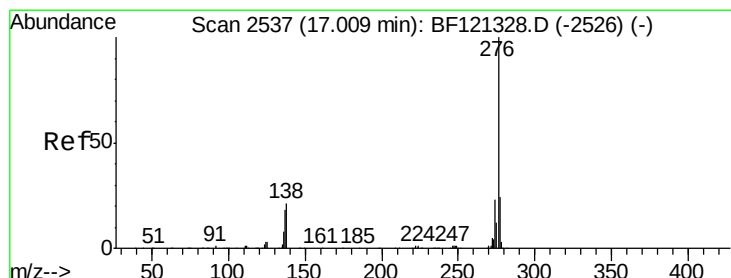
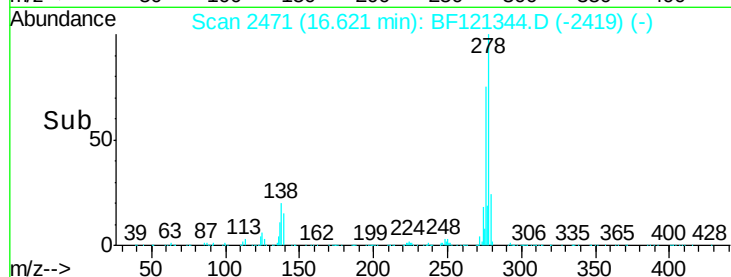
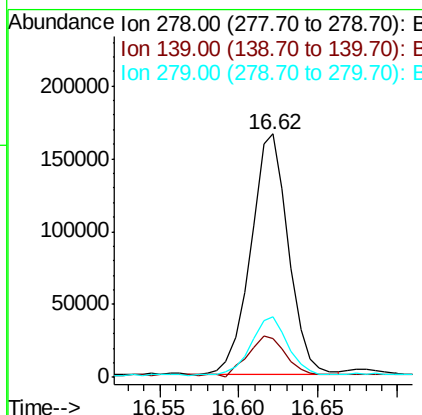
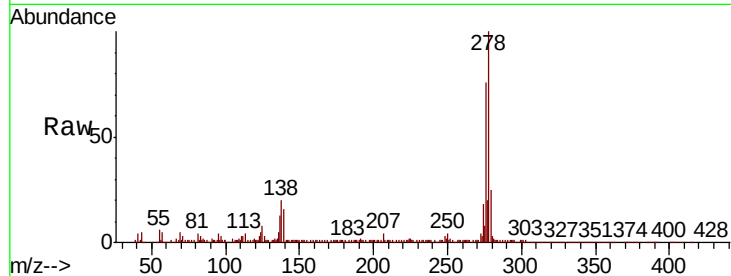


#91
Dibenzo(a,h)anthracene
Concen: 13.659 ng
RT: 16.62 min Scan# 2471
Delta R.T. 0.01 min
Lab File: BF121344.D
Acq: 20 Aug 2020 13:40

Instrument :
BNA_F
ClientSampleId :
SU-02-081820

Tot Ion:278 Resp: 271791

Ion	Ratio	Lower	Upper
278	100		
139	16.0	13.1	19.7
279	25.0	19.4	29.2



#92
Benzo(g,h,i)perylene
Concen: 15.998 ng
RT: 17.02 min Scan# 2538
Delta R.T. 0.01 min
Lab File: BF121344.D
Acq: 20 Aug 2020 13:40

Tgt Ion:276 Resp: 311214

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.3	28.9
138	21.0	16.8	25.2

