

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082020\
 Data File : BF121345.D
 Acq On : 20 Aug 2020 14:11
 Operator : JU/CG
 Sample : L3507-08MSD 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-081820

Quant Time: Aug 20 15:36:00 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	139921	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	528212	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	260335	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	456087	20.00	ng	0.00
76) Chrysene-d12	13.84	240	354346	20.00	ng	0.00
86) Perylene-d12	15.26	264	394055	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	308069	36.10	ng	0.00
7) Phenol-d6	6.33	99	365873	33.59	ng	0.00
23) Nitrobenzene-d5	7.26	82	232056	24.85	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	95677	31.54	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	456539	24.46	ng	0.00
79) Terphenyl-d14	12.79	244	412678	22.76	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.32	88	43744	11.329	ng	99
3) Pyridine	3.03	79	90672	8.749	ng	99
4) n-Nitrosodimethylamine	2.95	42	52772	12.510	ng	95
6) Aniline	6.35	93	151698	12.060	ng	96
8) 2-Chlorophenol	6.47	128	124270	13.934	ng	96
9) Benzaldehyde	6.24	77	74431	12.146	ng	97
10) Phenol	6.35	94	157676	13.805	ng	93
11) bis(2-Chloroethyl)ether	6.43	93	117619	13.371	ng	97
12) 1,3-Dichlorobenzene	6.63	146	129841	12.994	ng	97
13) 1,4-Dichlorobenzene	6.71	146	131389	13.025	ng	99
14) 1,2-Dichlorobenzene	6.86	146	125007	13.013	ng	98
15) Benzyl Alcohol	6.84	79	97803	14.922	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.97	45	166286	12.838	ng	99
17) 2-Methylphenol	6.96	107	98335	13.363	ng	99
18) Hexachloroethane	7.20	117	38101	10.144	ng	96
19) n-Nitroso-di-n-propylamine	7.10	70	82261	14.041	ng	97
20) 3+4-Methylphenols	7.12	107	130344	12.000	ng	# 78
22) Acetophenone	7.10	105	173624	14.060	ng	# 93
24) Nitrobenzene	7.27	77	123238	12.947	ng	98
25) Isophorone	7.52	82	229212	13.486	ng	99
26) 2-Nitrophenol	7.59	139	54911	11.248	ng	92
27) 2,4-Dimethylphenol	7.64	122	107973	15.500	ng	99
28) bis(2-Chloroethoxy)methane	7.73	93	145603	12.584	ng	100
29) 2,4-Dichlorophenol	7.85	162	98458	12.946	ng	95
30) 1,2,4-Trichlorobenzene	7.92	180	109783	12.623	ng	99
31) Naphthalene	8.00	128	371552	14.134	ng	99
32) Benzoic acid	7.74	122	42903	13.783	ng	95
33) 4-Chloroaniline	8.05	127	121016	10.396	ng	98
34) Hexachlorobutadiene	8.12	225	64298	12.492	ng	99
35) Caprolactam	8.40	113	31673	12.716	ng	93
36) 4-Chloro-3-methylphenol	8.53	107	101560	13.203	ng	95
37) 2-Methylnaphthalene	8.69	142	251713	14.773	ng	99
38) 1-Methylnaphthalene	8.79	142	233104	14.388	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	109255	14.140	ng	99

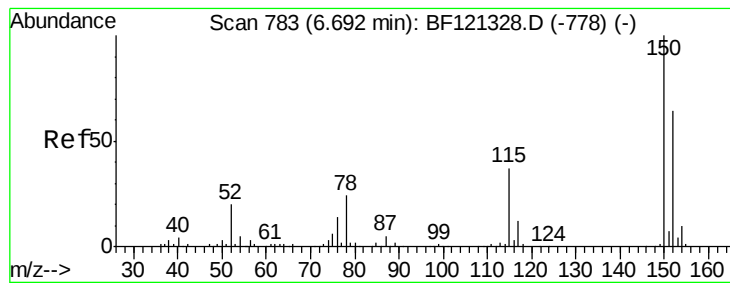
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082020\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.84	237	2847	7.037	nq	90
43) 2,4,6-Trichlorophenol	8.97	196	69551	13.167	nq	99
44) 2,4,5-Trichlorophenol	9.02	196	73917	13.601	nq	94
46) 1,1'-Biphenyl	9.15	154	292043	14.967	nq	97
47) 2-Chloronaphthalene	9.17	162	212054	13.191	nq	97
48) 2-Nitroaniline	9.27	65	67850	13.405	nq	94
49) Acenaphthylene	9.59	152	358894	15.031	nq	99
50) Dimethylphthalate	9.45	163	305515	16.131	nq	99
51) 2,6-Dinitrotoluene	9.52	165	49399	12.212	nq	98
52) Acenaphthene	9.76	154	218160	15.037	nq	99
53) 3-Nitroaniline	9.68	138	57617	11.387	nq	93
55) Dibenzofuran	9.93	168	328090	13.997	nq	100
56) 4-Nitrophenol	9.86	139	75651	24.242	nq	95
57) 2,4-Dinitrotoluene	9.92	165	59813	12.121	nq	99
58) Fluorene	10.27	166	276318	16.358	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.05	232	58523	12.597	nq	# 97
60) Diethylphthalate	10.15	149	252563	13.656	nq	99
61) 4-Chlorophenyl-phenylether	10.27	204	114046	12.014	nq	95
62) 4-Nitroaniline	10.29	138	59766	11.527	nq	96
63) Azobenzene	10.43	77	223073	12.986	nq	95
66) n-Nitrosodiphenylamine	10.39	169	206705	14.693	nq	100
67) 4-Bromophenyl-phenylether	10.76	248	68318	13.504	nq	97
68) Hexachlorobenzene	10.82	284	73328	12.574	nq	98
69) Atrazine	10.92	200	53837	12.353	nq	98
70) Pentachlorophenol	11.02	266	62719	24.172	nq	98
71) Phenanthrene	11.23	178	571641	24.217	nq	100
72) Anthracene	11.29	178	399578	17.579	nq	99
73) Carbazole	11.44	167	306390	14.123	nq	99
74) Di-n-butylphthalate	11.77	149	384345	14.692	nq	99
75) Fluoranthene	12.42	202	628330	24.524	nq	100
77) Benzidine	12.54	184	178988	18.334	nq	99
78) Pyrene	12.64	202	628081	23.597	nq	99
80) Butylbenzylphthalate	13.27	149	151814	13.274	nq	97
81) Benzo(a)anthracene	13.83	228	438727	19.934	nq	98
82) 3,3'-Dichlorobenzidine	13.80	252	114733	13.577	nq	99
83) Chrysene	13.87	228	423389	18.809	nq	99
84) Bis(2-ethylhexyl)phthalate	13.83	149	205322	15.265	nq	# 98
85) Di-n-octyl phthalate	14.44	149	374462	15.044	nq	# 96
87) Indeno(1,2,3-cd)pyrene	16.61	276	353170	14.682	nq	99
88) Benzo(b)fluoranthene	14.86	252	438664	17.231	nq	99
89) Benzo(k)fluoranthene	14.88	252	355498	15.864	nq	99
90) Benzo(a)pyrene	15.20	252	383104	17.417	nq	100
91) Dibenzo(a,h)anthracene	16.62	278	257047	13.033	nq	99
92) Benzo(g,h,i)perylene	17.02	276	290633	15.074	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.69 min Scan# 783

Delta R.T. 0.00 min

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SU-02-081820

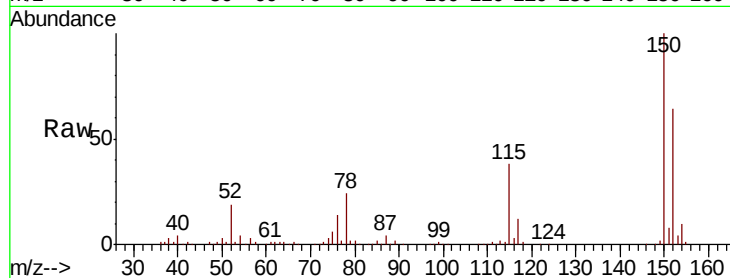
Tot Ion:152 Resp: 139921

Ion Ratio Lower Upper

152 100

150 155.2 124.8 187.2

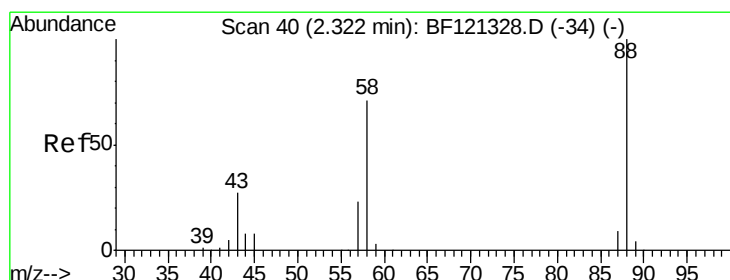
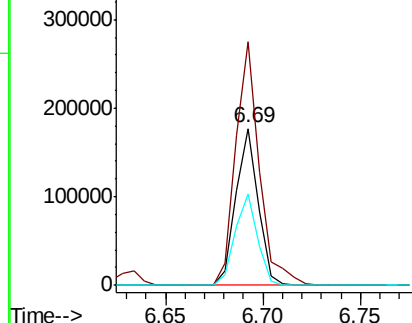
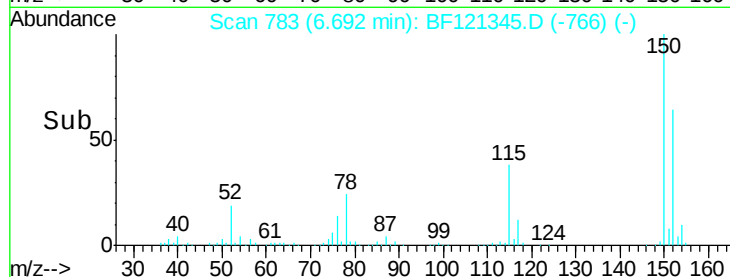
115 58.3 46.1 69.1



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: 11.329 ng

RT: 2.32 min Scan# 39

Delta R.T. -0.01 min

Lab File: BF121345.D

Acq: 20 Aug 2020 14:11

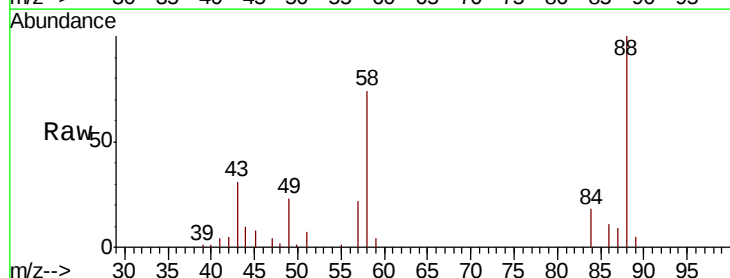
Tgt Ion: 88 Resp: 43744

Ion Ratio Lower Upper

88 100

58 73.4 58.5 87.7

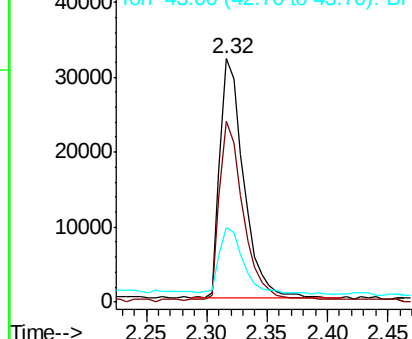
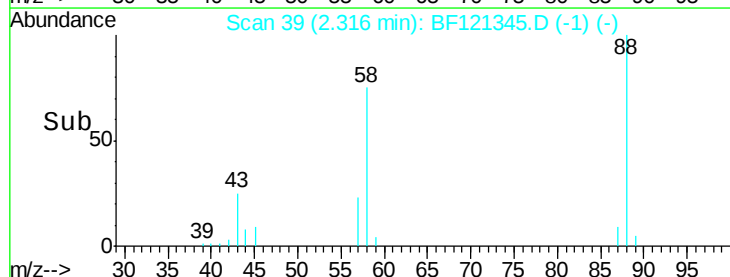
43 26.3 21.8 32.8

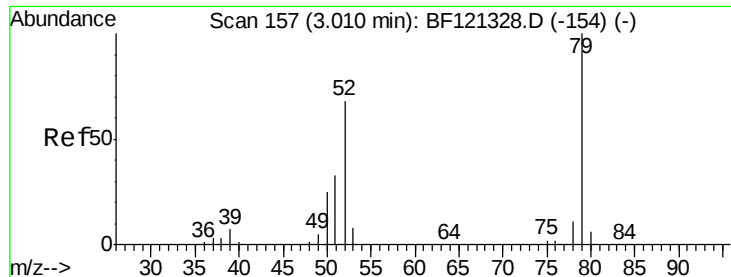


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

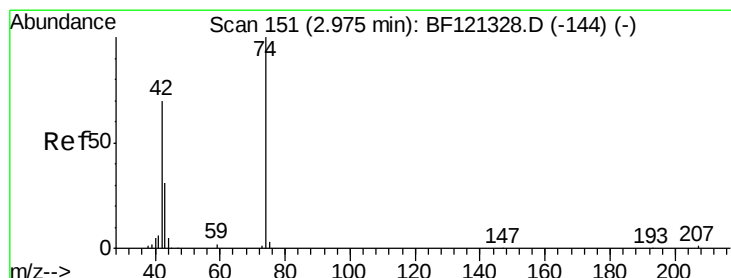
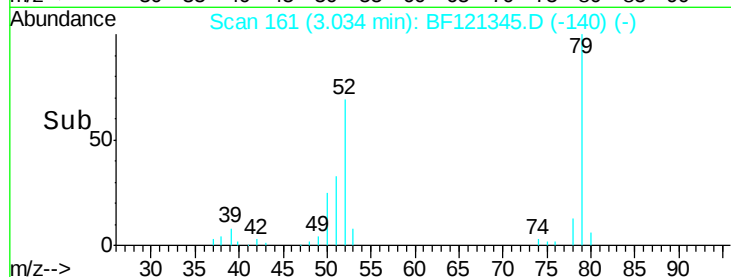
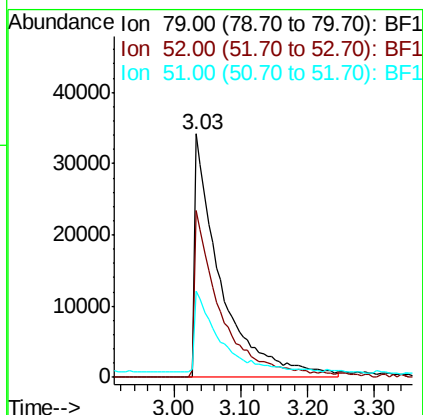
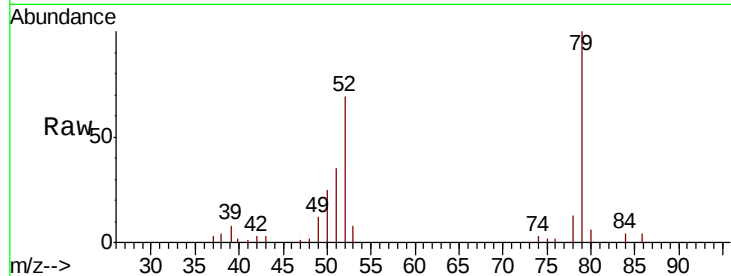




#3
 Pvridine
 Concen: 8.749 ng
 RT: 3.03 min Scan# 161
 Delta R.T. 0.02 min
 Lab File: BF121345.D
 Acq: 20 Aug 2020 14:11

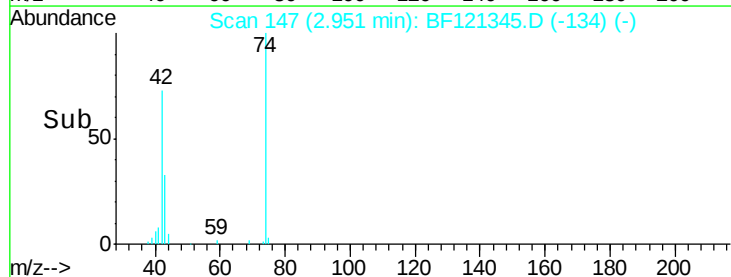
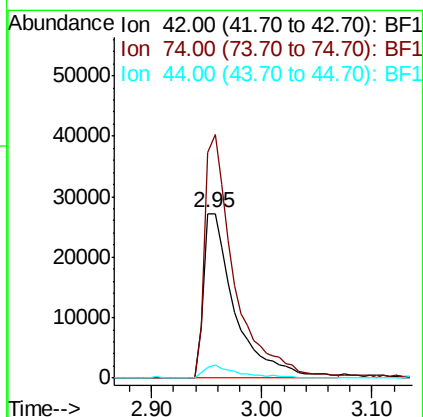
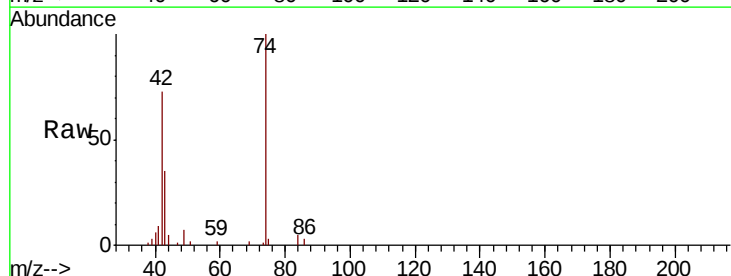
Instrument :
 BNA_F
 ClientSampleId :
 SU-02-081820

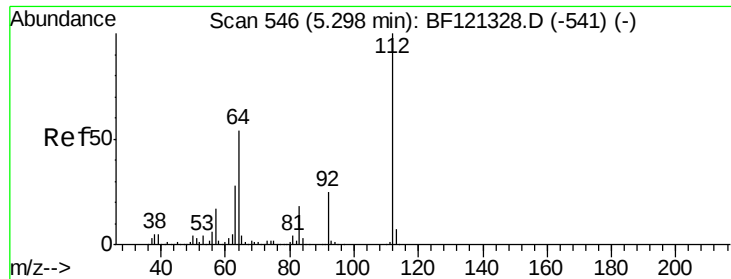
Tot Ion: 79 Resp: 90672
 Ion Ratio Lower Upper
 79 100
 52 68.6 54.6 82.0
 51 35.4 27.0 40.6



#4
 n-Nitrosodimethylamine
 Concen: 12.510 ng
 RT: 2.95 min Scan# 147
 Delta R.T. -0.02 min
 Lab File: BF121345.D
 Acq: 20 Aug 2020 14:11

Tgt Ion: 42 Resp: 52772
 Ion Ratio Lower Upper
 42 100
 74 136.6 114.2 171.2
 44 6.8 5.4 8.2





#5

2-Fluorophenol

Concen: 36.103 ng

RT: 5.30 min Scan# 546

Delta R.T. 0.00 min

Lab File: BF121345.D

Acq: 20 Aug 2020 14:11

Instrument :

BNA_F

ClientSampleId :

SU-02-081820

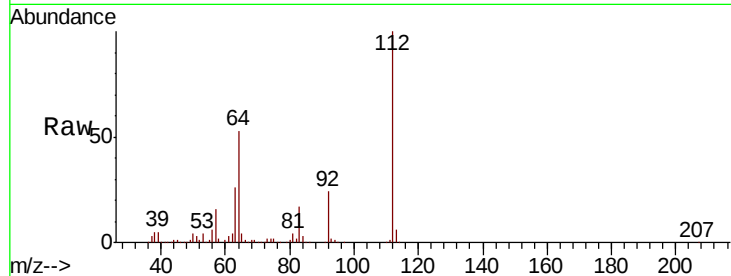
Tot Ion:112 Resp: 308069

Ion Ratio Lower Upper

112 100

64 52.9 43.5 65.3

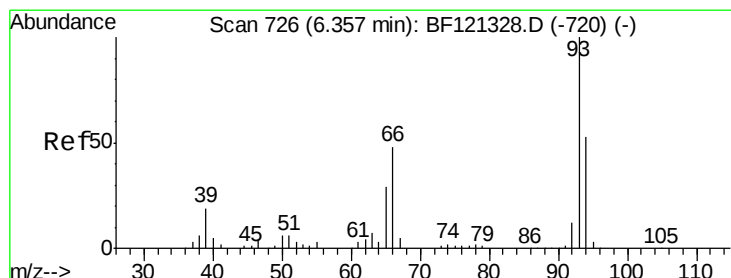
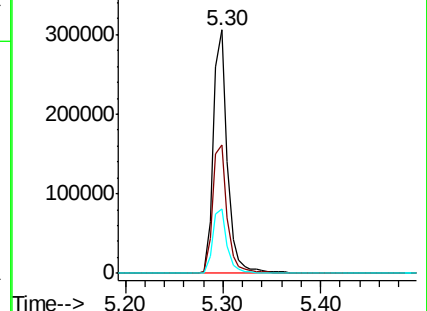
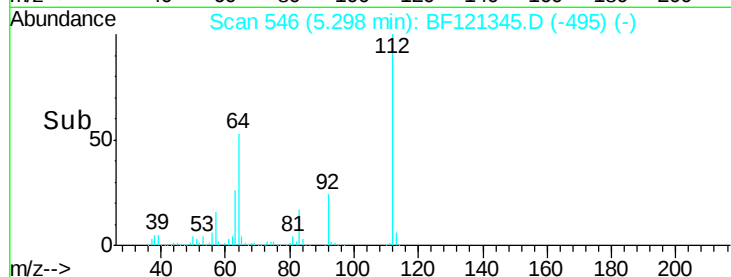
63 26.5 22.0 33.0



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: 12.060 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF121345.D

Acq: 20 Aug 2020 14:11

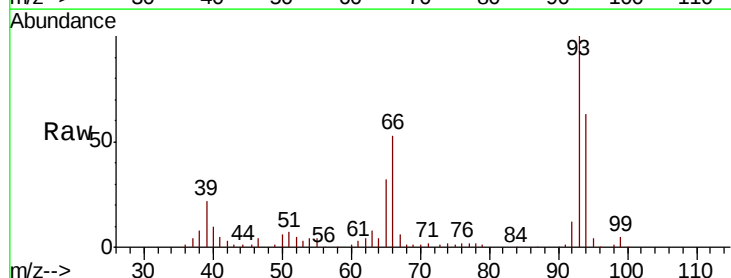
Tgt Ion: 93 Resp: 151698

Ion Ratio Lower Upper

93 100

66 53.1 40.2 60.2

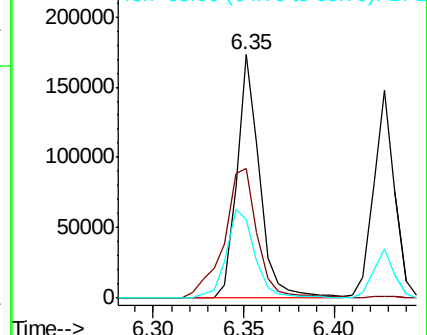
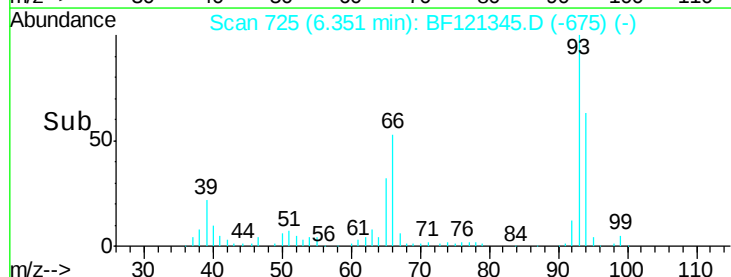
65 32.1 23.6 35.4

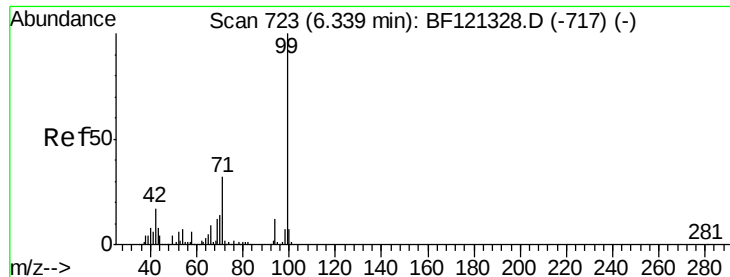


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 33.587 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF121345.D

Acq: 20 Aug 2020 14:11

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BNA_F

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SU-02-081820

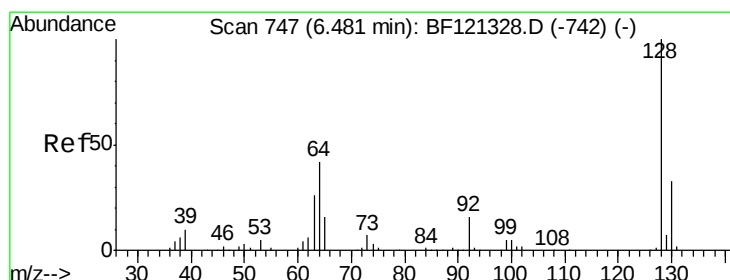
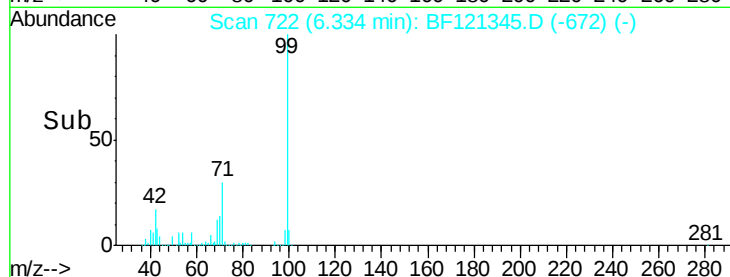
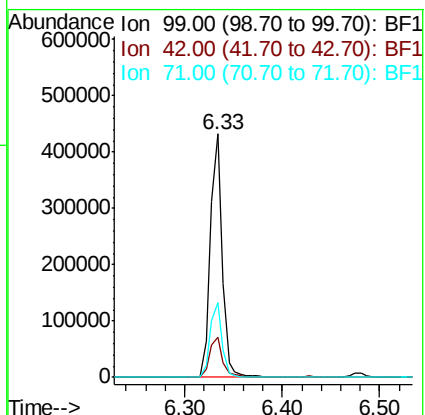
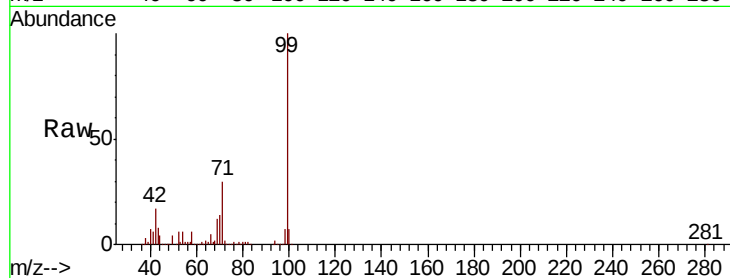
Tot Ion: 99 Resp: 365873

Ion Ratio Lower Upper

99 100

42 16.7 13.5 20.3

71 30.5 25.2 37.8



#8

2-Chlorophenol

Concen: 13.934 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF121345.D

Acq: 20 Aug 2020 14:11

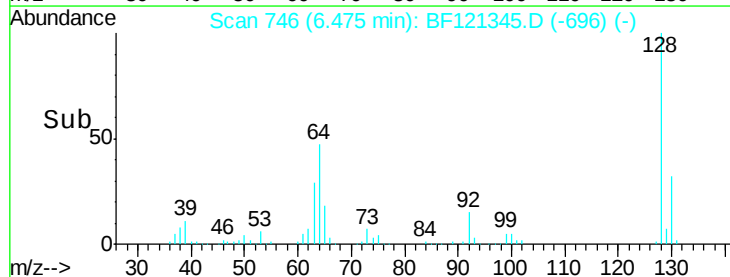
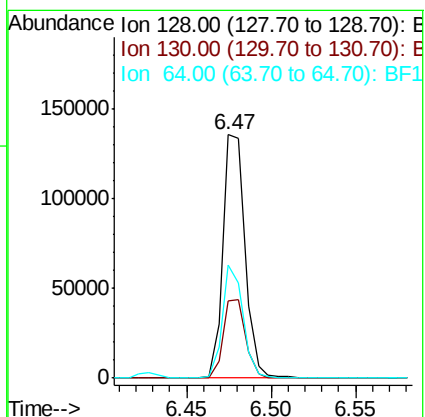
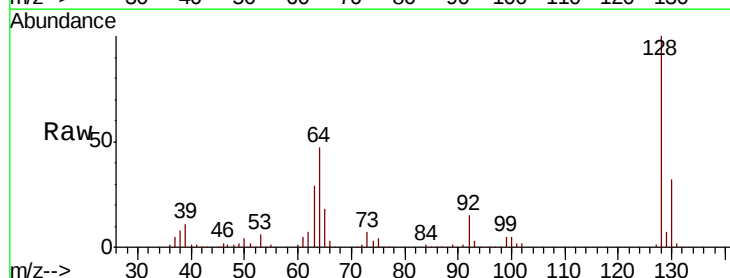
Tgt Ion: 128 Resp: 124270

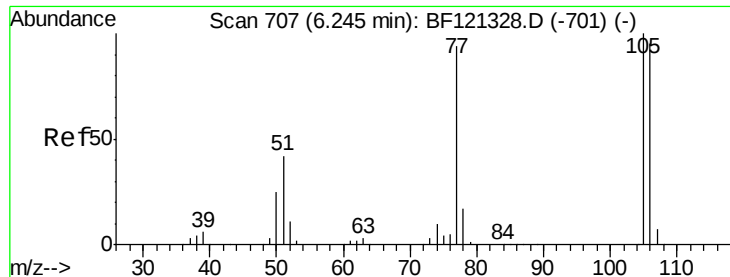
Ion Ratio Lower Upper

128 100

130 31.7 12.8 52.8

64 46.5 23.4 63.4

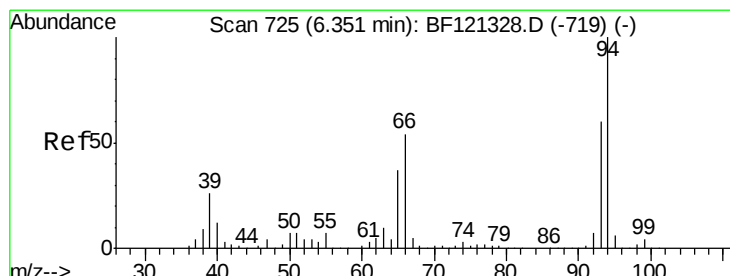
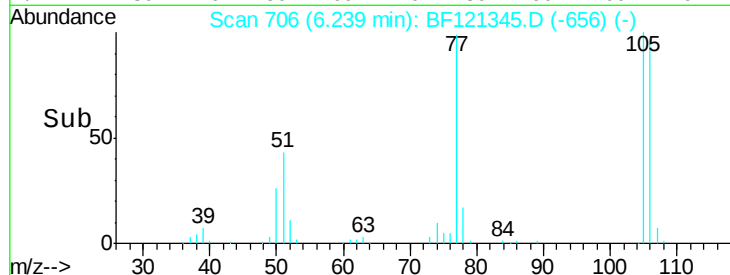
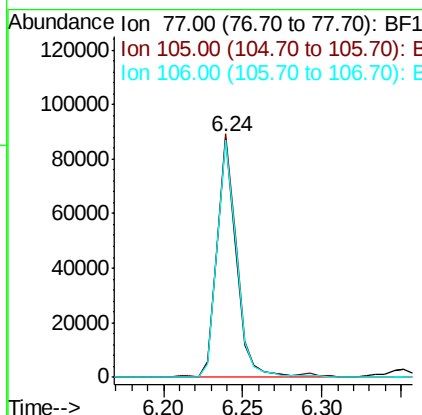
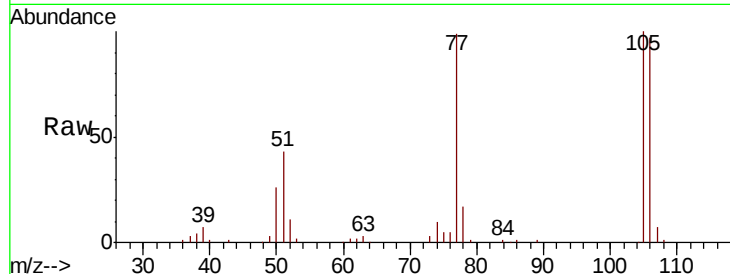




#9
Benzaldehyde
Concen: 12.146 ng
RT: 6.24 min Scan# 706
Delta R.T. -0.01 min
Lab File: BF121345.D
Acq: 20 Aug 2020 14:11

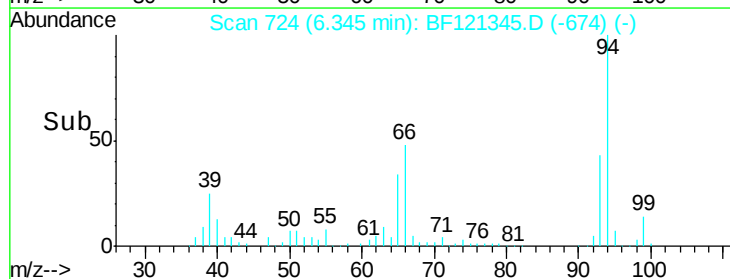
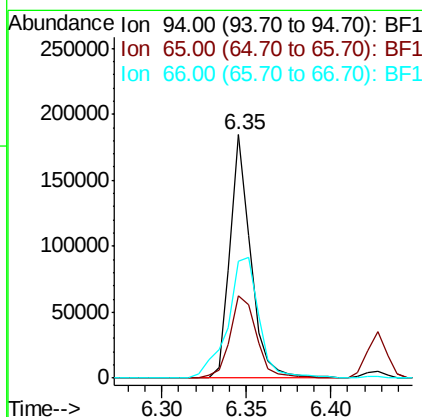
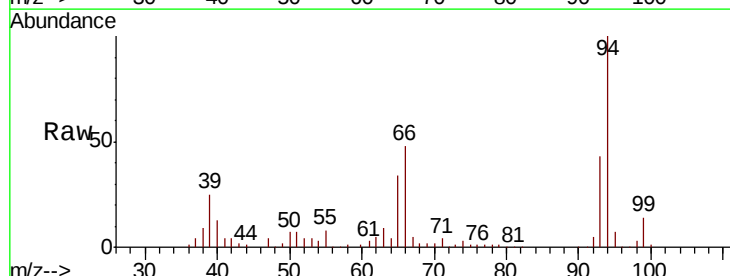
Instrument :
BNA_F
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SU-02-081820

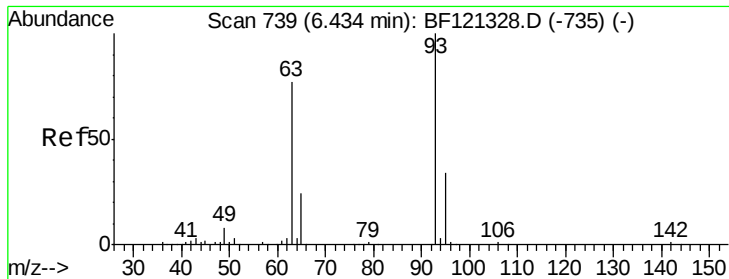
Tot Ion: 77 Resp: 74431
Ion Ratio Lower Upper
77 100
105 101.5 86.3 126.3
106 98.9 81.2 121.2



#10
Phenol
Concen: 13.805 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF121345.D
Acq: 20 Aug 2020 14:11

Tgt Ion: 94 Resp: 157676
Ion Ratio Lower Upper
94 100
65 34.0 16.6 56.6
66 47.8 34.3 74.3

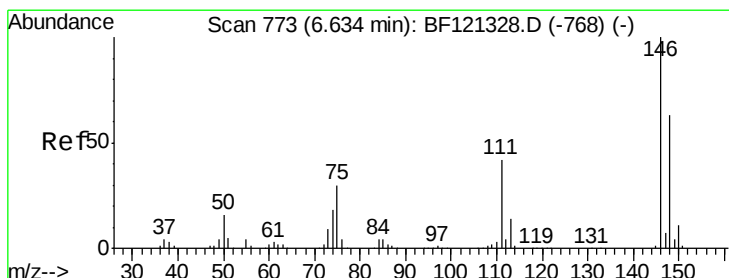
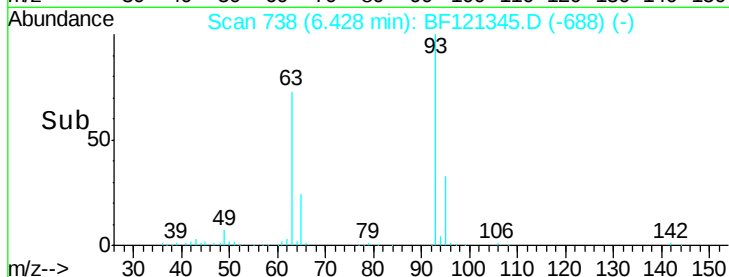
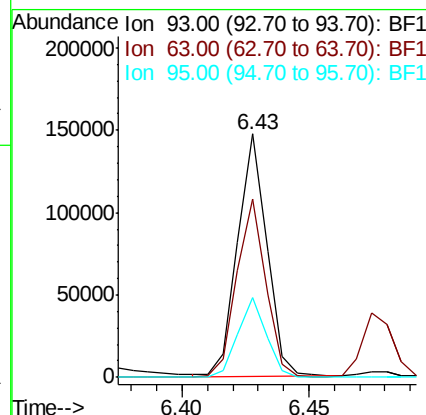
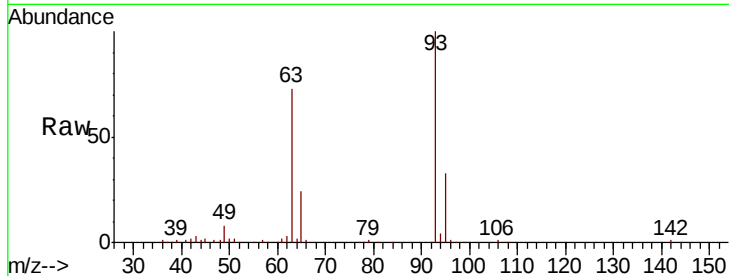




#11
 bis(2-Chloroethyl)ether
 Concen: 13.371 ng
 RT: 6.43 min Scan# 738
 Delta R.T. -0.01 min
 Lab File: BF121345.D
 Acq: 20 Aug 2020 14:11

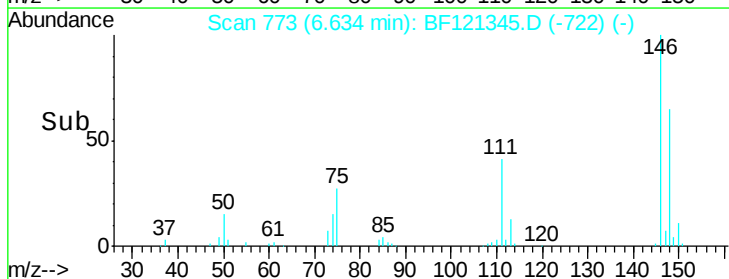
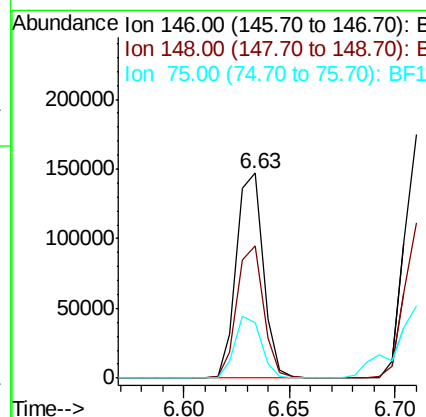
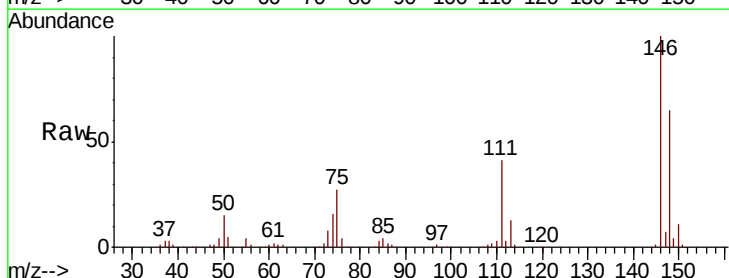
Instrument :
 BNA_F
 ClientSampleId :
 SU-02-081820

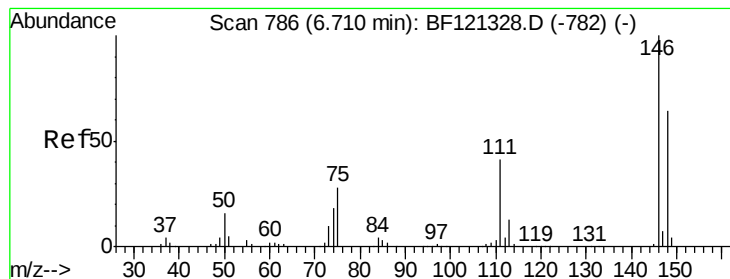
Tot Ion: 93 Resp: 117619
 Ion Ratio Lower Upper
 93 100
 63 73.4 56.4 96.4
 95 32.8 13.5 53.5



#12
 1,3-Dichlorobenzene
 Concen: 12.994 ng
 RT: 6.63 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BF121345.D
 Acq: 20 Aug 2020 14:11

Tgt Ion: 146 Resp: 129841
 Ion Ratio Lower Upper
 146 100
 148 64.7 50.7 76.1
 75 27.1 23.8 35.6





#13

1,4-Dichlorobenzene

Concen: 13.025 ng

RT: 6.71 min Scan# 786

Delta R.T. 0.00 min

Lab File: BF121345.D

Acq: 20 Aug 2020 14:11

Instrument :

BNA_F

ClientSampleId :

SU-02-081820

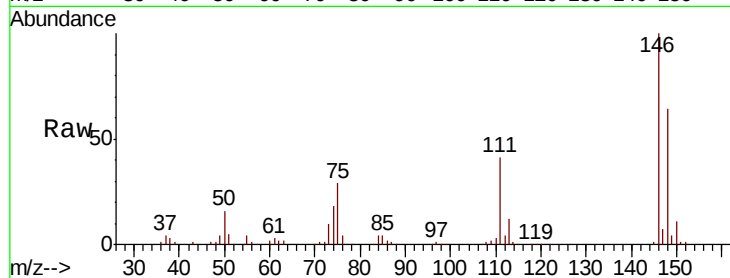
Tot Ion:146 Resp: 131389

Ion Ratio Lower Upper

146 100

148 63.8 51.2 76.8

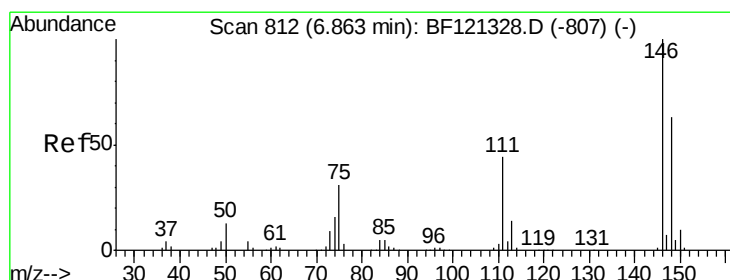
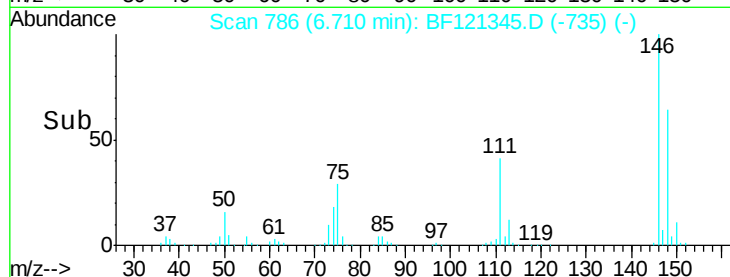
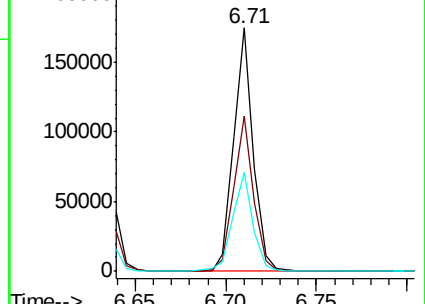
111 40.5 33.3 49.9



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: 13.013 ng

RT: 6.86 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF121345.D

Acq: 20 Aug 2020 14:11

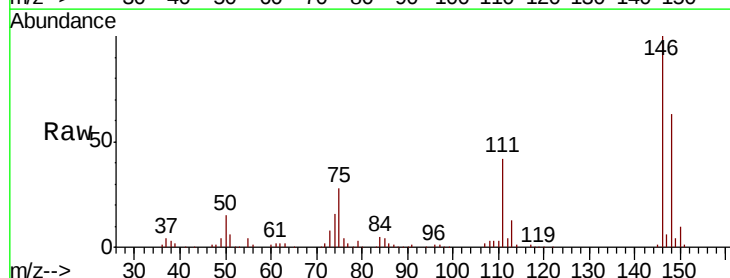
Tgt Ion:146 Resp: 125007

Ion Ratio Lower Upper

146 100

148 62.8 50.3 75.5

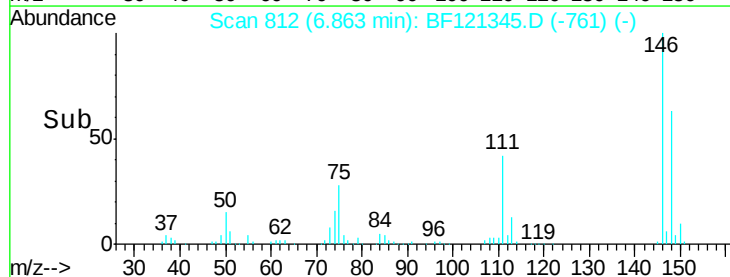
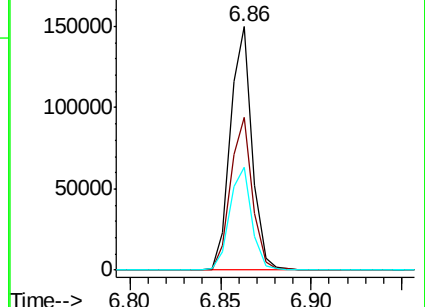
111 42.1 35.5 53.3

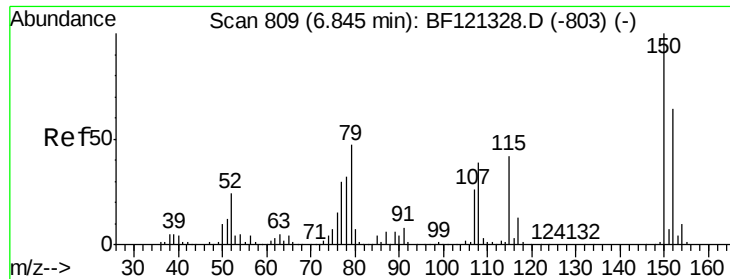


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 14.922 ng

RT: 6.84 min Scan# 808

Delta R.T. -0.01 min

Lab File: BF121345.D

Acq: 20 Aug 2020 14:11

Instrument :

BNA_F

ClientSampleId :

SU-02-081820

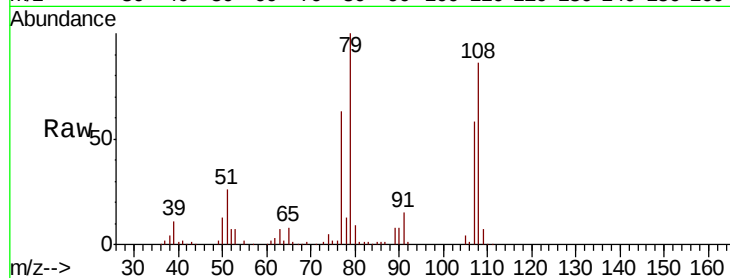
Tot Ion: 79 Resp: 97803

Ion Ratio Lower Upper

79 100

108 85.9 65.2 97.8

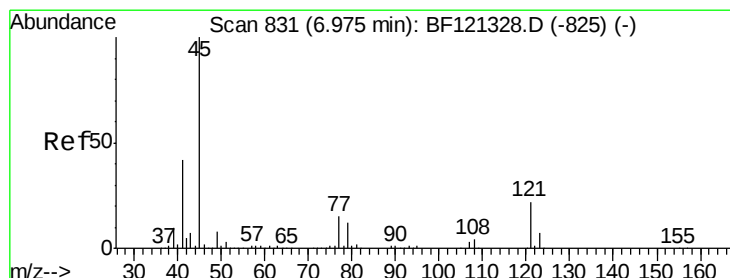
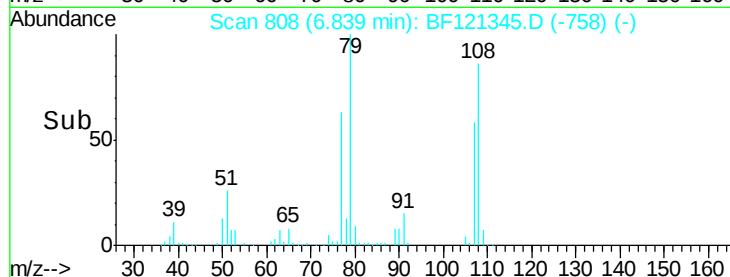
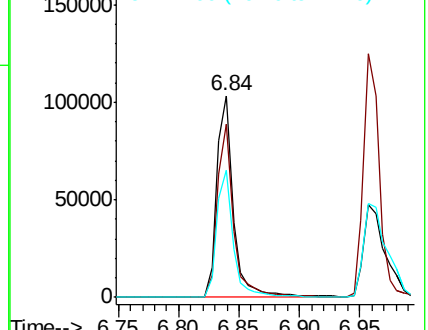
77 63.1 51.4 77.0



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 12.838 ng

RT: 6.97 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF121345.D

Acq: 20 Aug 2020 14:11

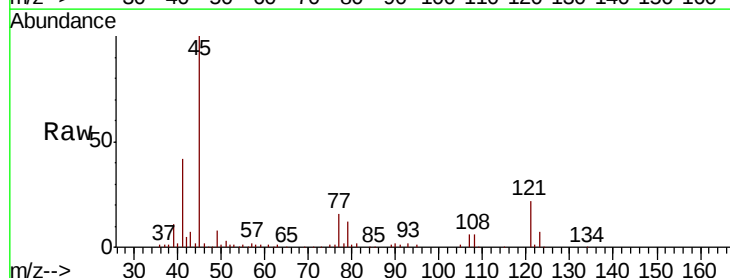
Tgt Ion: 45 Resp: 166286

Ion Ratio Lower Upper

45 100

77 15.8 0.0 35.6

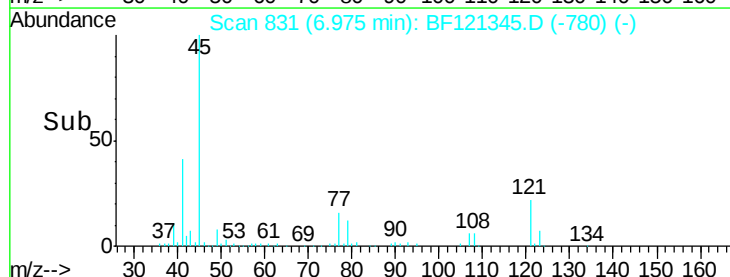
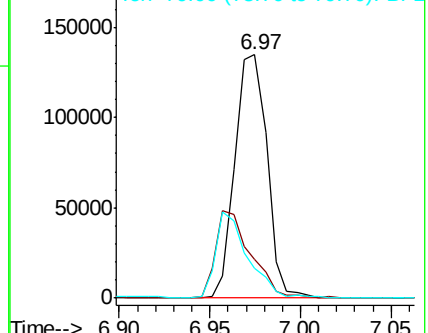
79 12.3 0.0 32.5

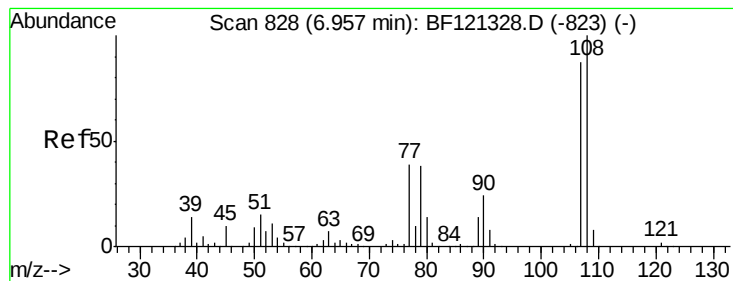


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

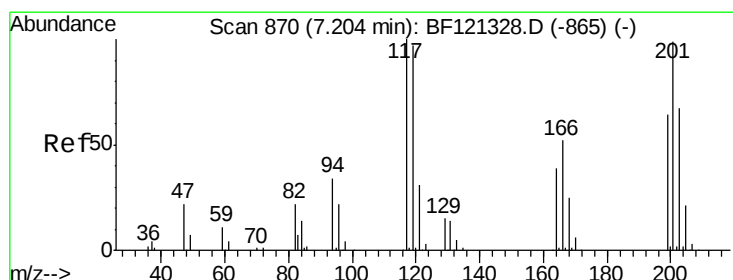
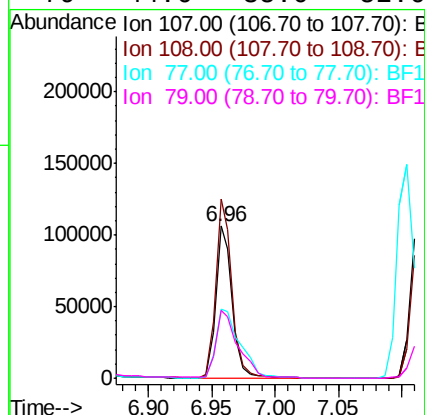
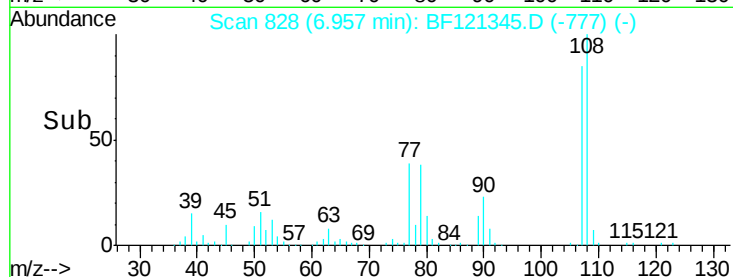
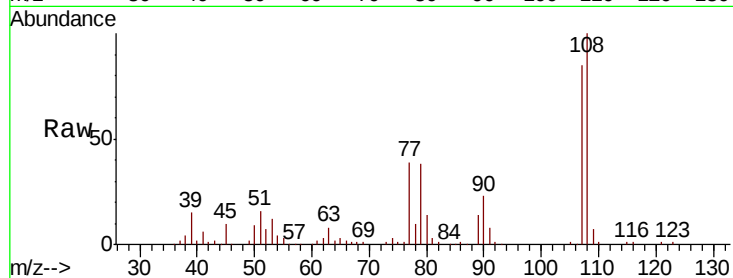




#17
2-Methylphenol
Concen: 13.363 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF121345.D
Acq: 20 Aug 2020 14:11

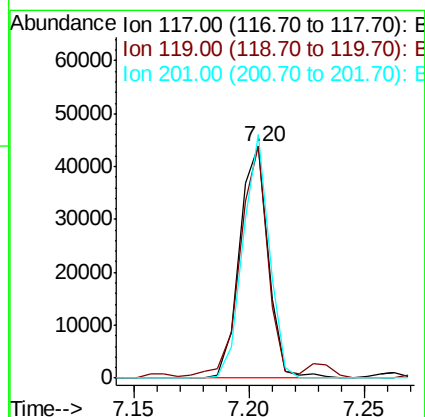
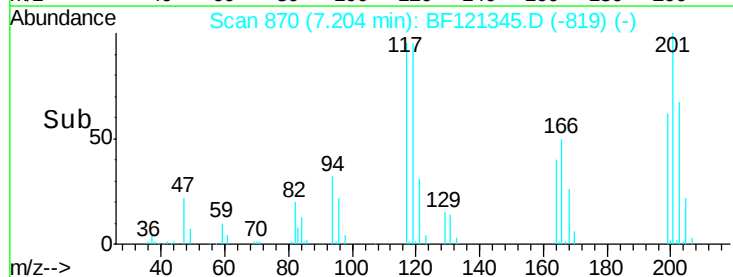
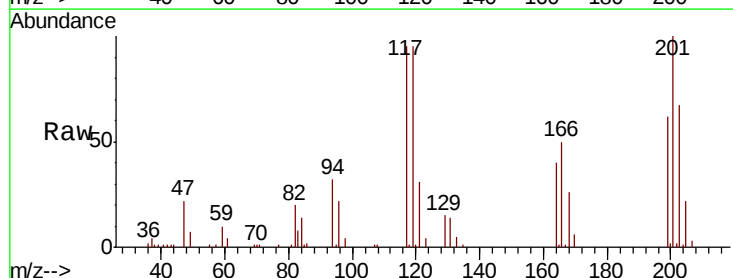
Instrument :
BNA_F
ClientSampleId :
SU-02-081820

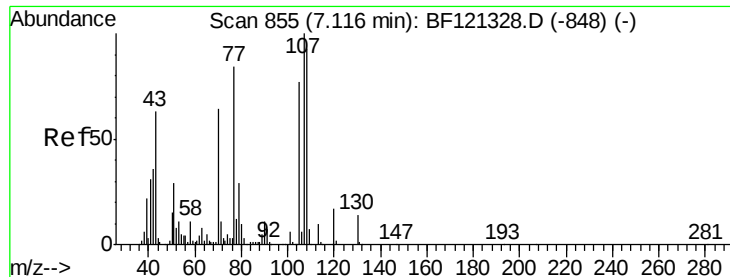
Tot Ion:107 Resp: 98335
Ion Ratio Lower Upper
107 100
108 117.6 92.4 138.6
77 45.4 36.1 54.1
79 44.6 35.0 52.6



#18
Hexachloroethane
Concen: 10.144 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF121345.D
Acq: 20 Aug 2020 14:11

Tgt Ion:117 Resp: 38101
Ion Ratio Lower Upper
117 100
119 100.0 77.9 116.9
201 105.2 79.4 119.0

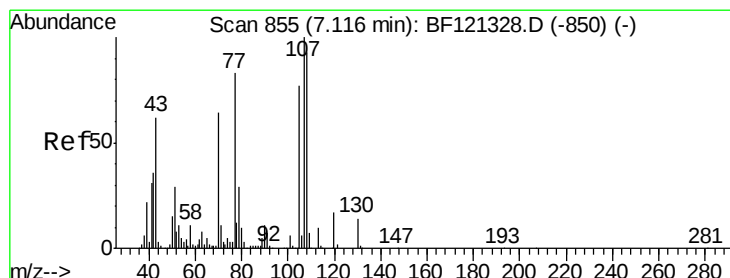
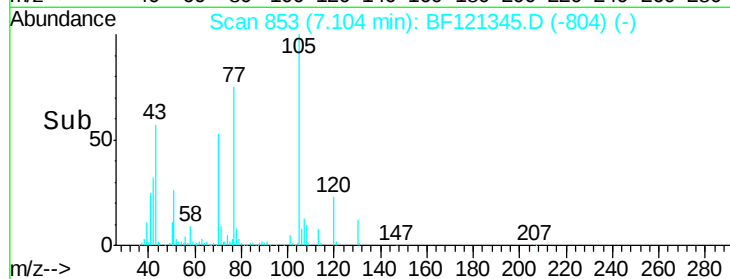
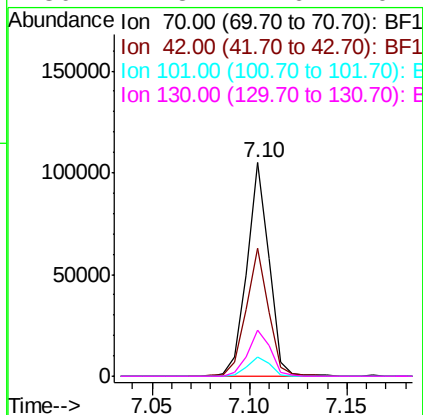
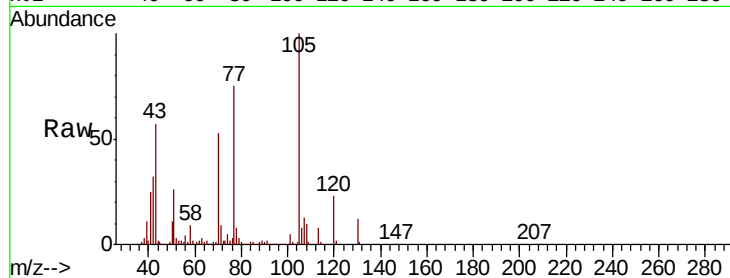




#19
n-Nitroso-di-n-propylamine
Concen: 14.041 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF121345.D
Acq: 20 Aug 2020 14:11

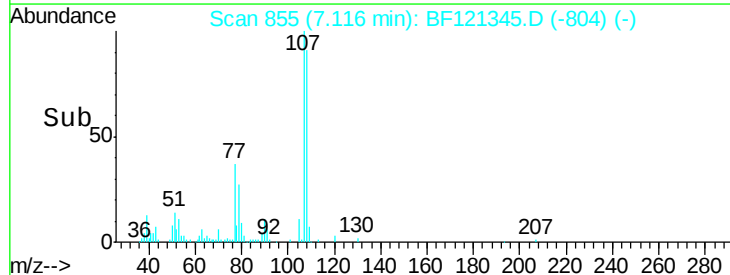
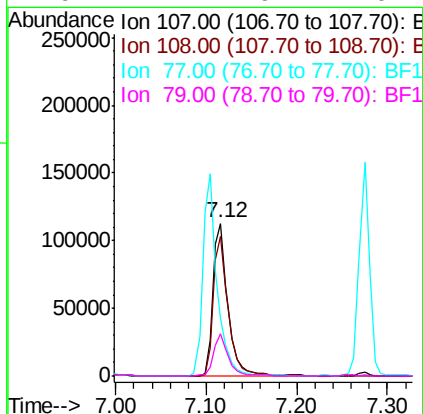
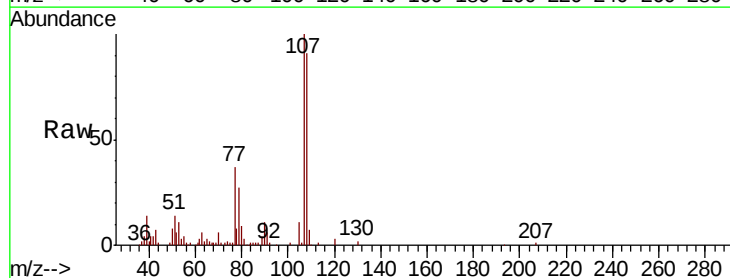
Instrument :
BNA_F
ClientSampleId :
SU-02-081820

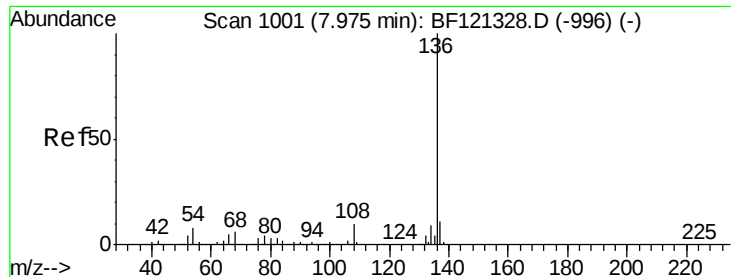
Tot Ion:	70	Resp:	82261
Ion	Ratio	Lower	Upper
70	100		
42	59.8	45.2	67.8
101	9.3	7.7	11.5
130	21.8	17.6	26.4



#20
3+4-Methylphenols
Concen: 12.000 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.00 min
Lab File: BF121345.D
Acq: 20 Aug 2020 14:11

Tgt Ion:	107	Resp:	130344
Ion	Ratio	Lower	Upper
107	100		
108	91.5	72.6	112.6
77	37.4	63.8	103.8
79	27.4	9.1	49.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. 0.00 min

Lab File: BF121345.D

Acq: 20 Aug 2020 14:11

Instrument :

BNA_F

ClientSampleId :

SU-02-081820

Tot Ion:136 Resp: 528212

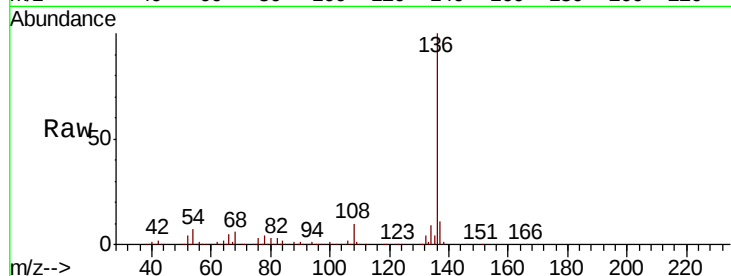
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 7.5 6.1 9.1

68 6.2 5.0 7.4

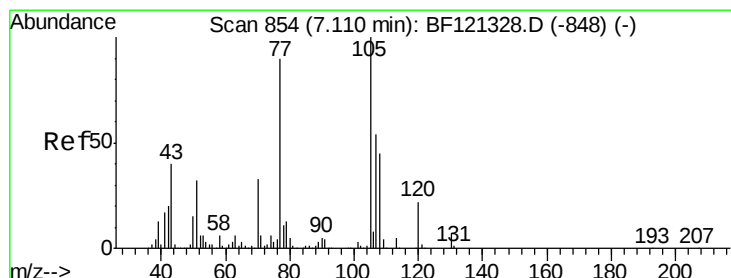
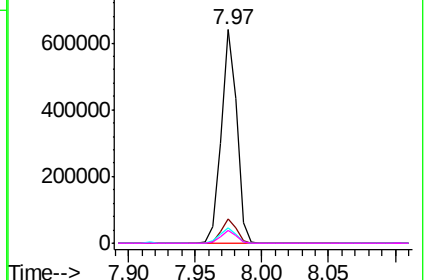
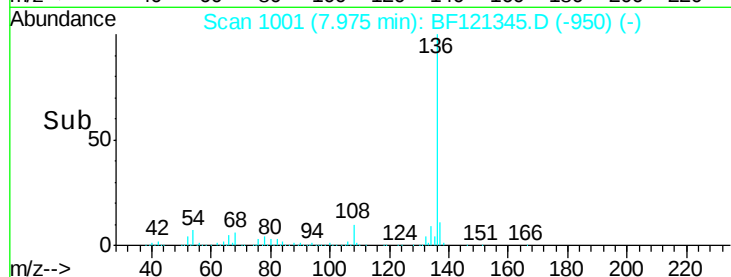


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 14.060 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.01 min

Lab File: BF121345.D

Acq: 20 Aug 2020 14:11

Tgt Ion:105 Resp: 173624

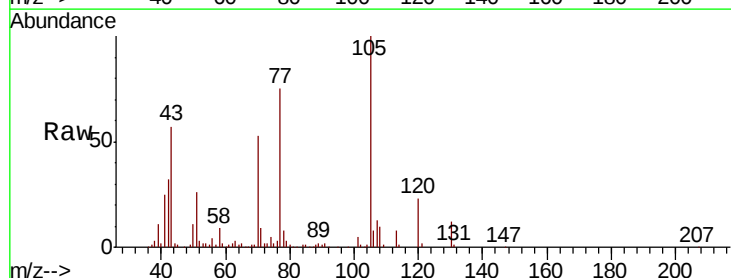
Ion Ratio Lower Upper

105 100

71 9.1 4.5 6.7#

51 25.7 25.4 38.0

120 22.6 17.6 26.4

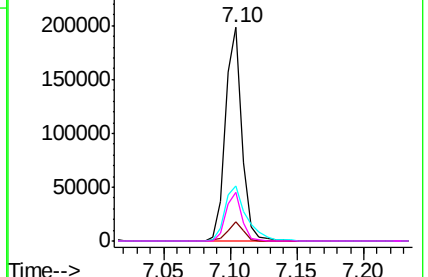
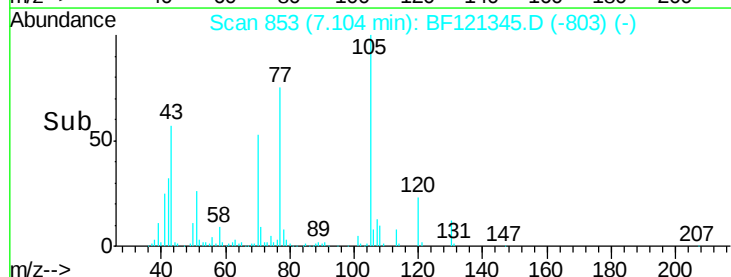


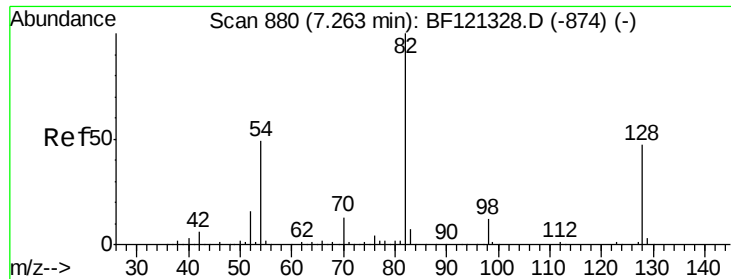
Abundance Ion 105.00 (104.70 to 105.70): E

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

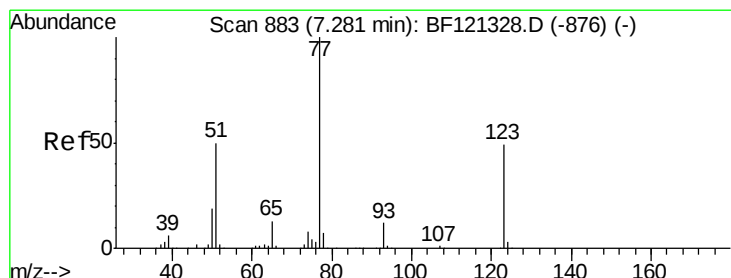
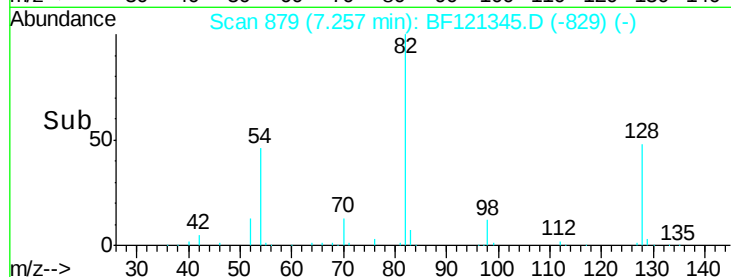
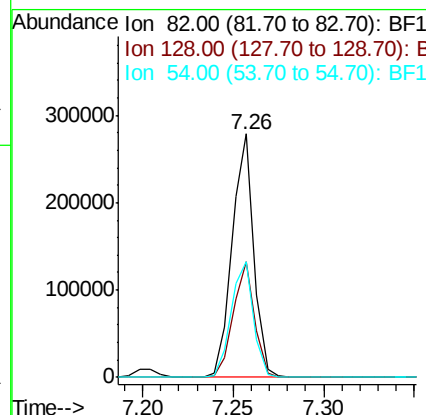
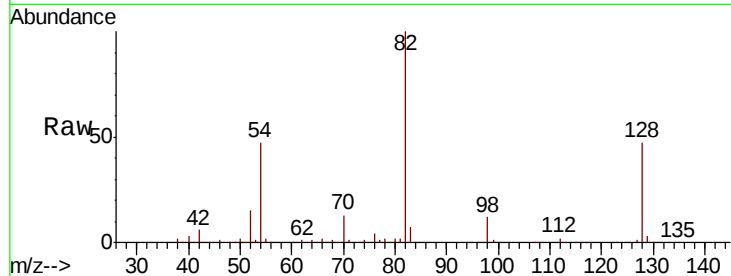




#23
Nitrobenzene-d5
Concen: 24.846 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF121345.D
Acq: 20 Aug 2020 14:11

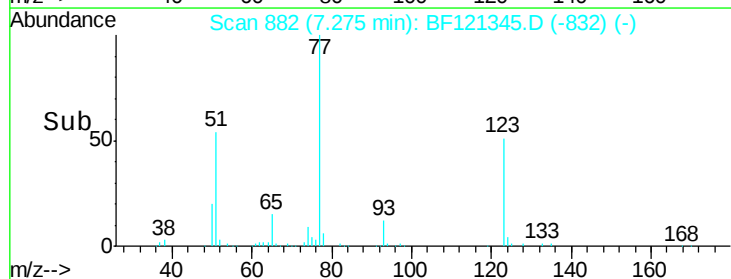
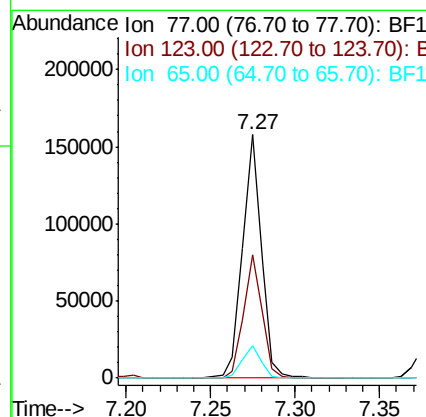
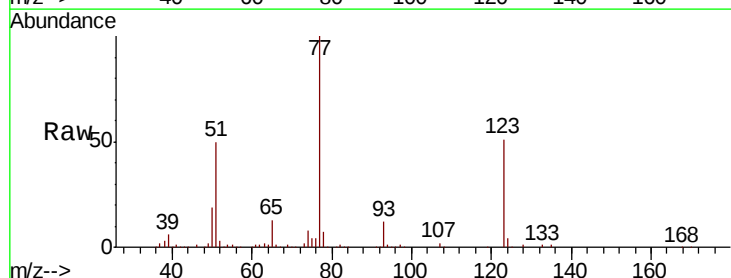
Instrument :
BNA_F
ClientSampleId :
SU-02-081820

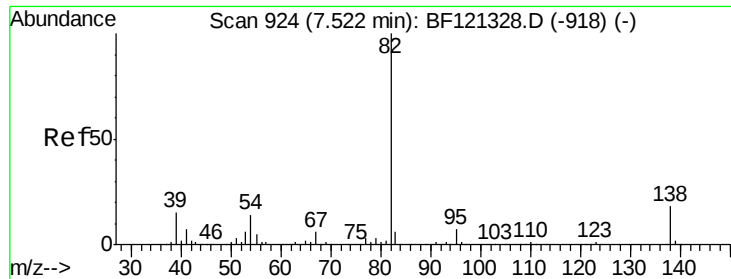
Tot Ion	82	Resp	232056
Ion Ratio	Lower	Upper	
82	100		
128	47.5	37.9	56.9
54	47.4	39.0	58.4



#24
Nitrobenzene
Concen: 12.947 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF121345.D
Acq: 20 Aug 2020 14:11

Tgt Ion	77	Resp	123238
Ion Ratio	Lower	Upper	
77	100		
123	50.6	39.2	58.8
65	13.4	10.6	15.8





#25

Isophorone

Concen: 13.486 ng

RT: 7.52 min Scan# 923

Delta R.T. -0.01 min

Lab File: BF121345.D

Acq: 20 Aug 2020 14:11

Instrument :

BNA_F

ClientSampleId :

SU-02-081820

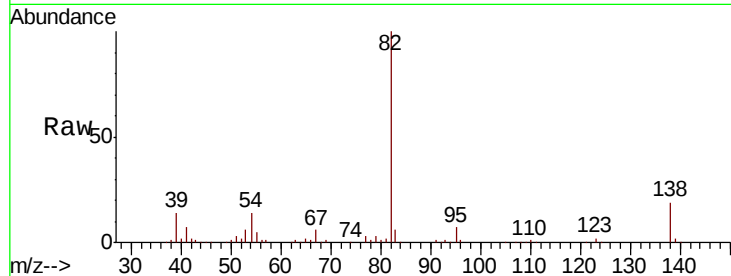
Tot Ion: 82 Resp: 229212

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

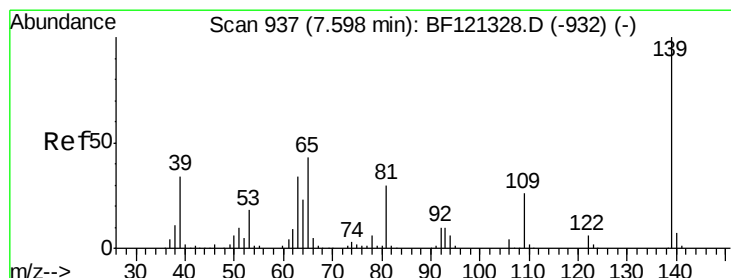
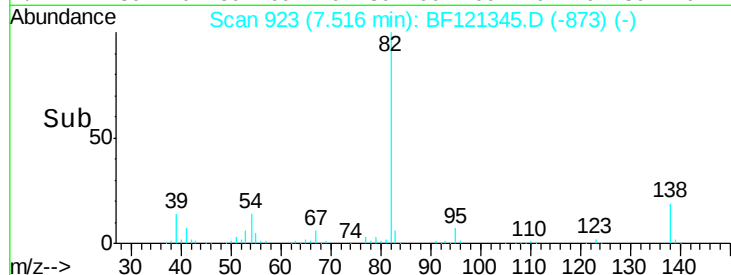
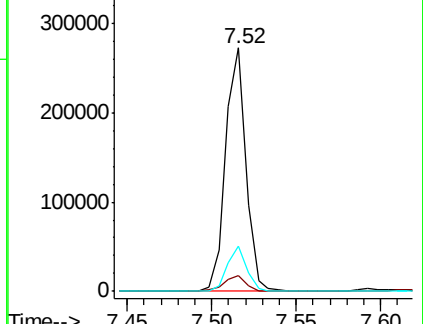
138 18.8 14.6 21.8



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: 11.248 ng

RT: 7.59 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF121345.D

Acq: 20 Aug 2020 14:11

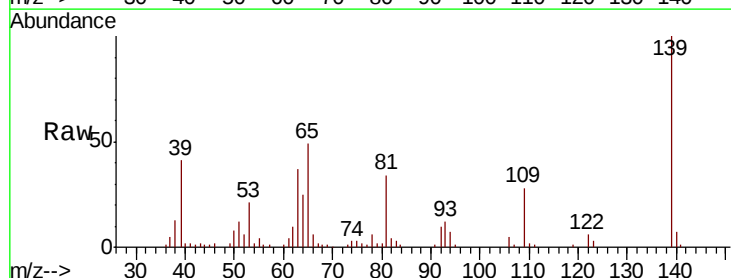
Tgt Ion: 139 Resp: 54911

Ion Ratio Lower Upper

139 100

109 28.5 21.1 31.7

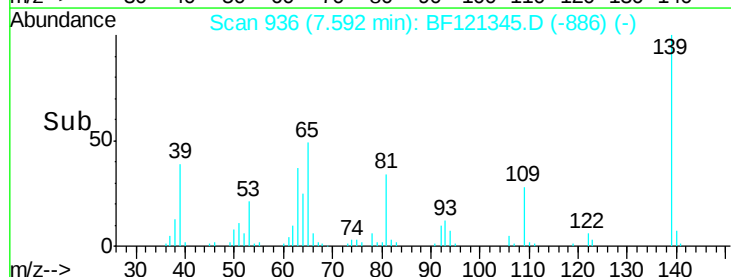
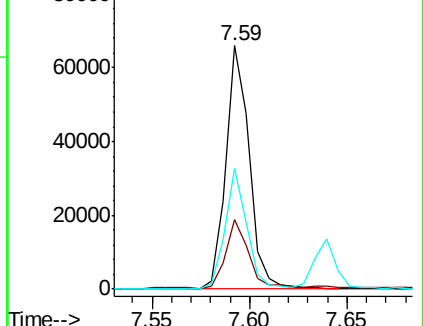
65 49.4 34.5 51.7

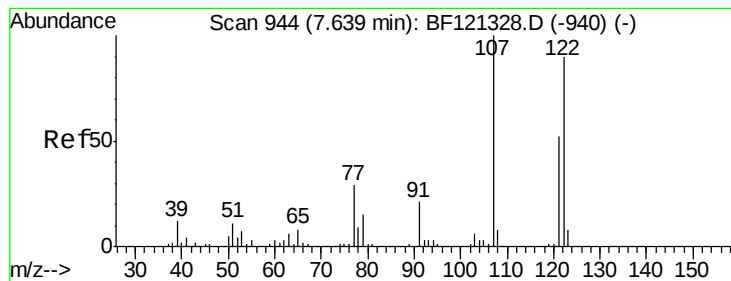


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 15.500 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF121345.D

Acq: 20 Aug 2020 14:11

Instrument :

BNA_F

ClientSampleId :

SU-02-081820

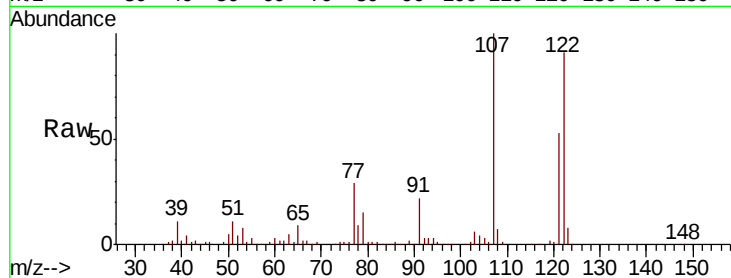
Tot Ion:122 Resp: 107973

Ion Ratio Lower Upper

122 100

107 109.6 89.0 133.4

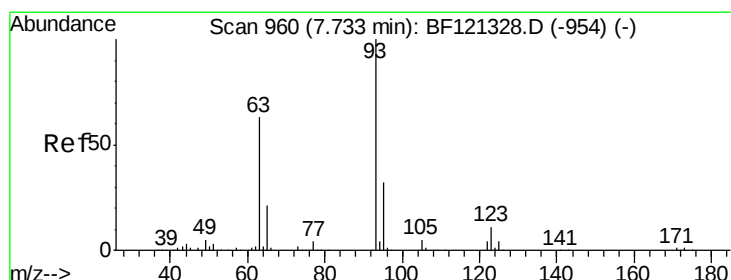
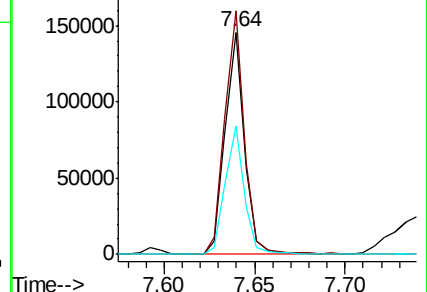
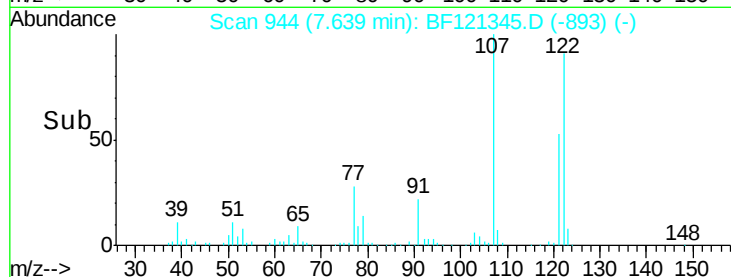
121 57.9 46.4 69.6



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: 12.584 ng

RT: 7.73 min Scan# 959

Delta R.T. -0.01 min

Lab File: BF121345.D

Acq: 20 Aug 2020 14:11

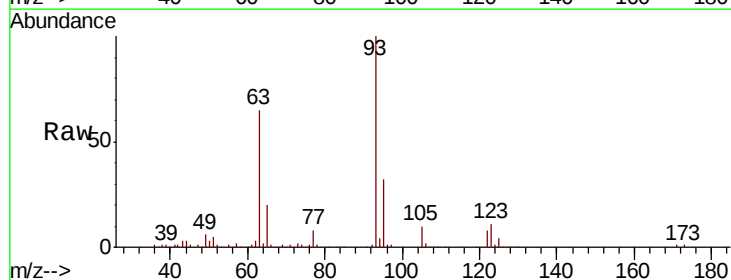
Tgt Ion: 93 Resp: 145603

Ion Ratio Lower Upper

93 100

95 32.3 25.8 38.8

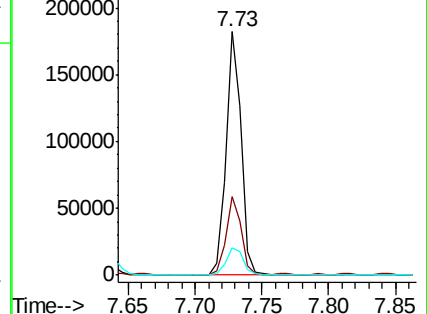
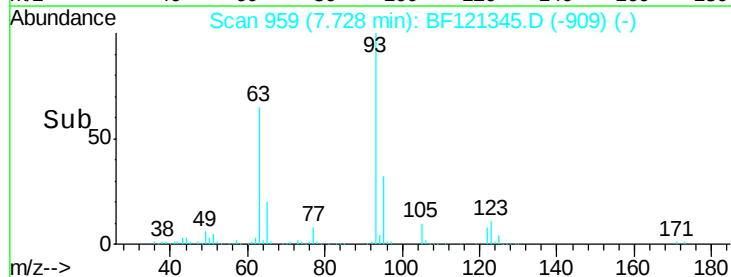
123 11.3 9.0 13.6

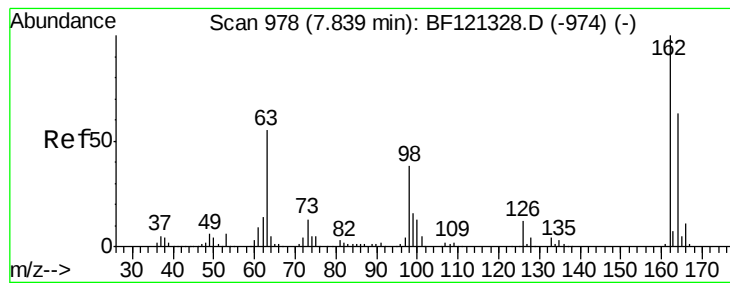


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 12.946 ng

RT: 7.85 min Scan# 979

Delta R.T. 0.01 min

Lab File: BF121345.D

Acq: 20 Aug 2020 14:11

Instrument :

BNA_F

ClientSampleId :

SU-02-081820

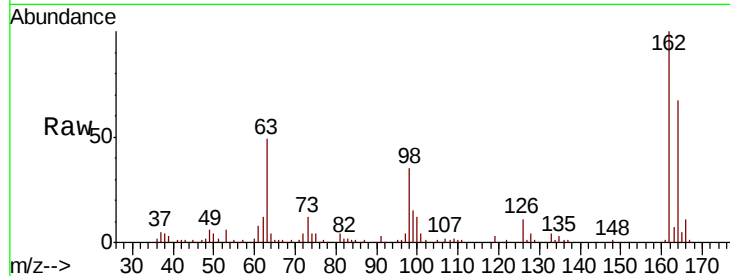
Tot Ion:162 Resp: 98458

Ion Ratio Lower Upper

162 100

164 66.7 43.4 83.4

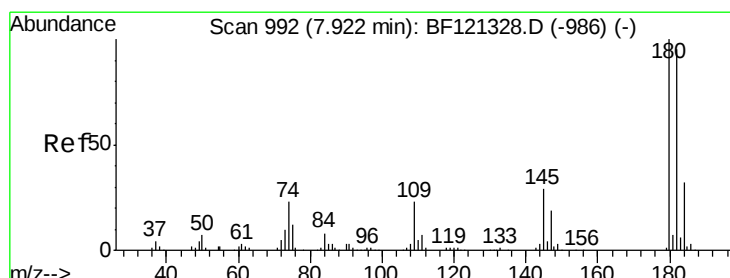
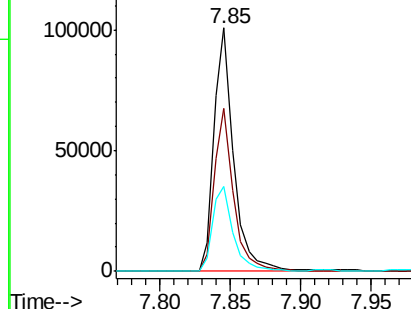
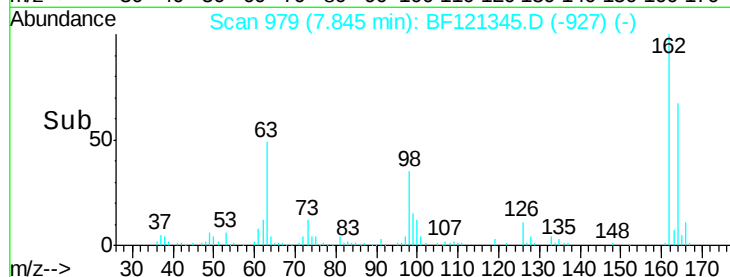
98 34.7 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 12.623 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.01 min

Lab File: BF121345.D

Acq: 20 Aug 2020 14:11

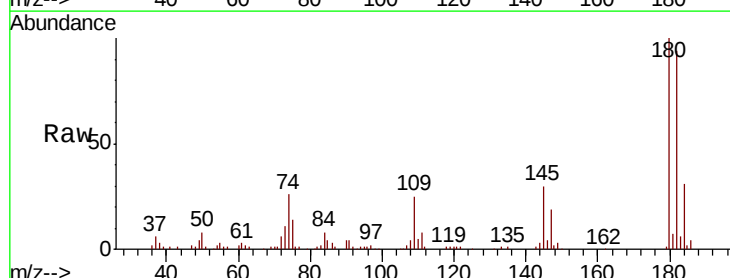
Tgt Ion:180 Resp: 109783

Ion Ratio Lower Upper

180 100

182 94.4 75.9 113.9

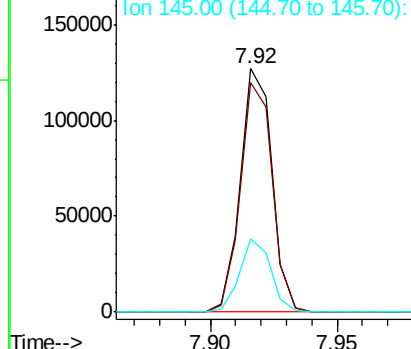
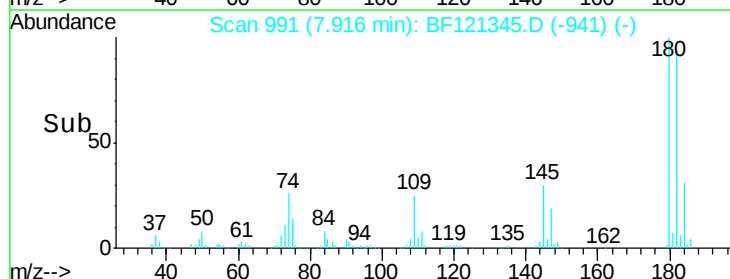
145 30.0 23.2 34.8

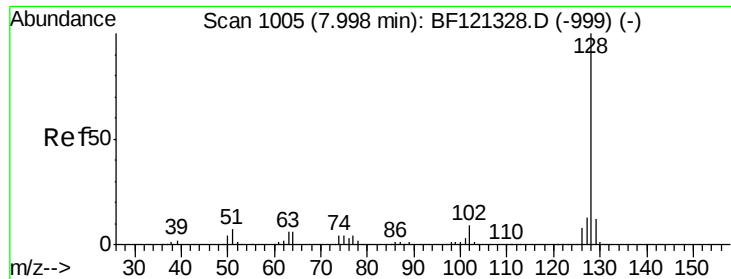


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

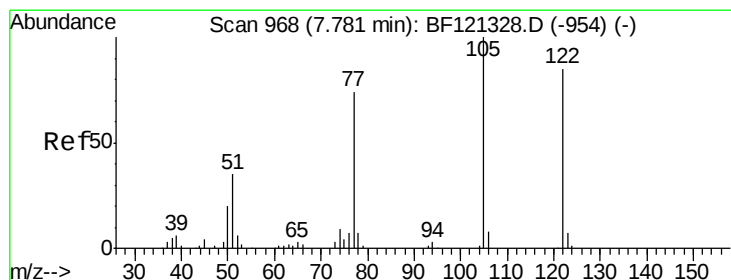
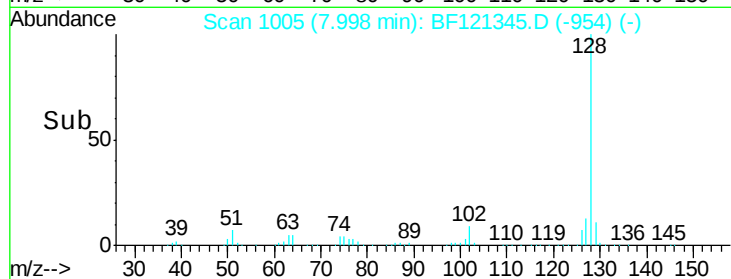
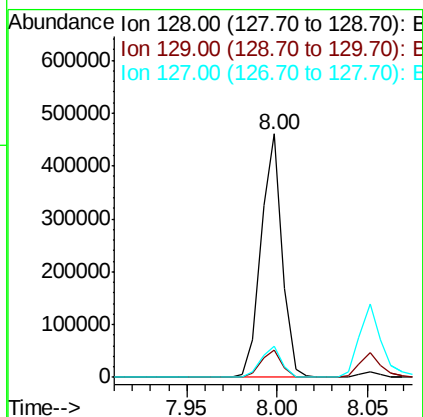
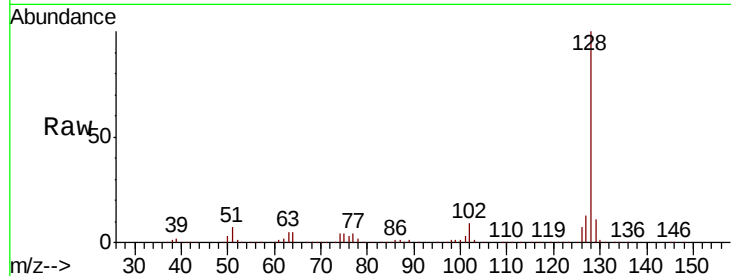




#31
Naphthalene
Concen: 14.134 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF121345.D
Acq: 20 Aug 2020 14:11

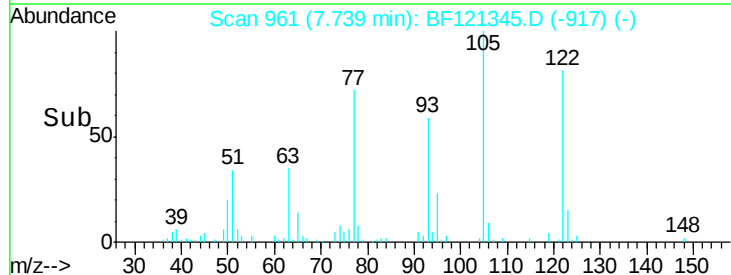
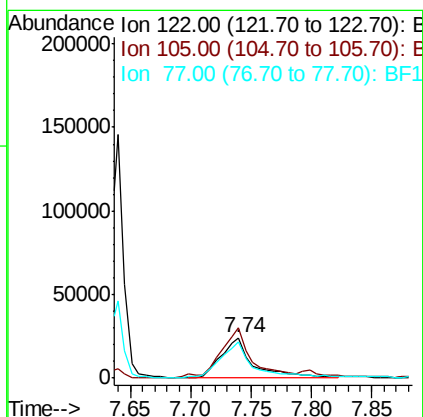
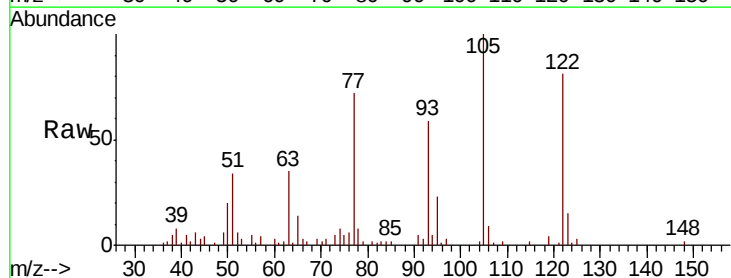
Instrument :
BNA_F
ClientSampleId :
SU-02-081820

Tot Ion:128 Resp: 371552
Ion Ratio Lower Upper
128 100
129 11.2 9.3 13.9
127 13.0 10.6 16.0



#32
Benzoic acid
Concen: 13.783 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.04 min
Lab File: BF121345.D
Acq: 20 Aug 2020 14:11

Tgt Ion:122 Resp: 42903
Ion Ratio Lower Upper
122 100
105 124.0 96.7 136.7
77 88.8 66.7 106.7

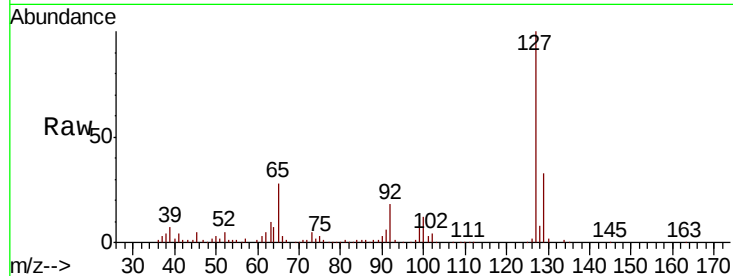




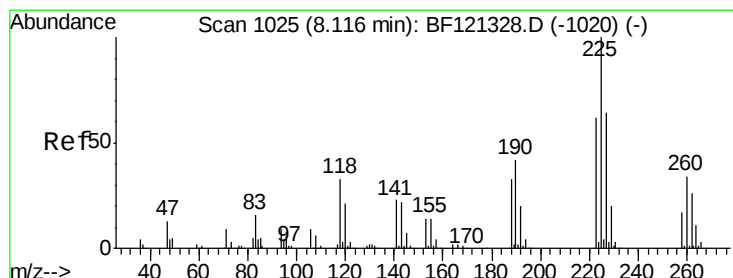
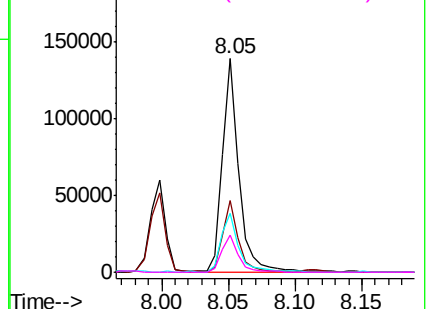
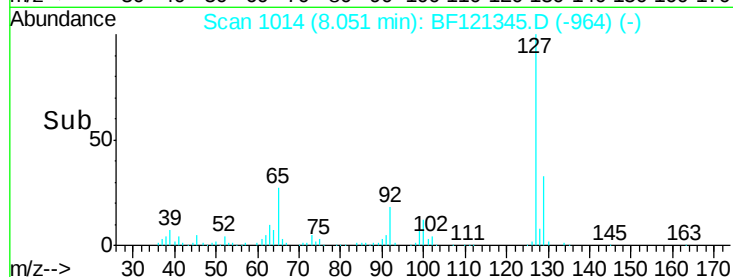
#33
4-Chloroaniline
Concen: 10.396 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF121345.D
Acq: 20 Aug 2020 14:11

Instrument :
BNA_F
ClientSampleId :
SU-02-081820

Tot Ion:	127	Resp:	121016
Ion	Ratio	Lower	Upper
127	100		
129	33.5	25.7	38.5
65	27.8	20.9	31.3
92	17.6	13.8	20.8

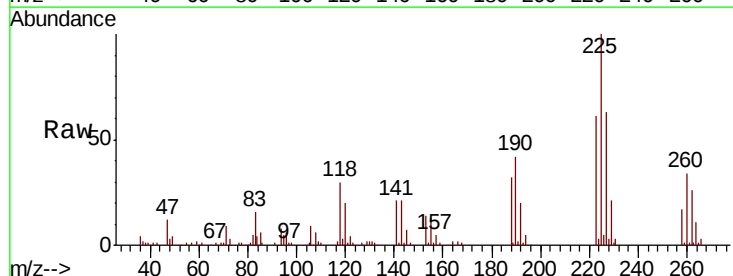


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

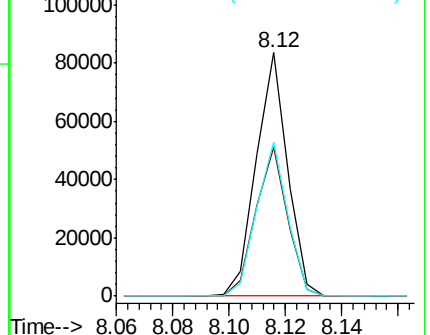
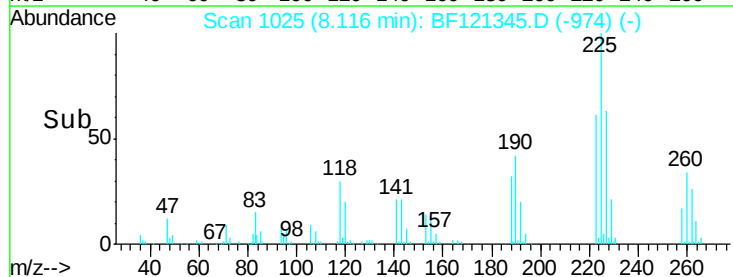


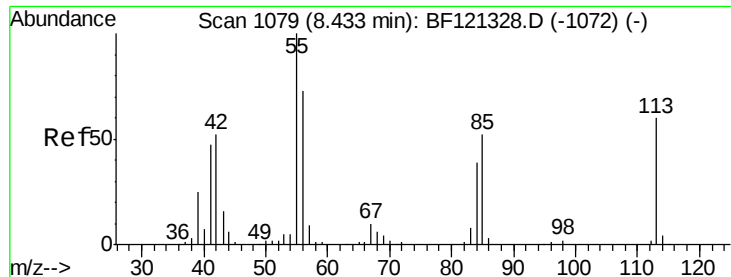
#34
Hexachlorobutadiene
Concen: 12.492 ng
RT: 8.12 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF121345.D
Acq: 20 Aug 2020 14:11

Tgt Ion:	225	Resp:	64298
Ion	Ratio	Lower	Upper
225	100		
223	61.1	49.7	74.5
227	63.5	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

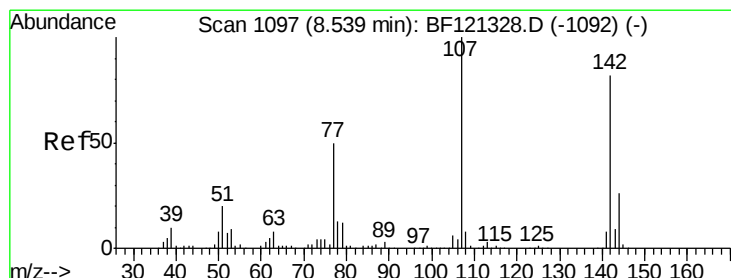
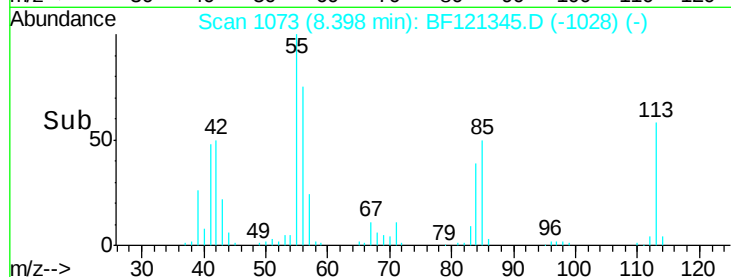
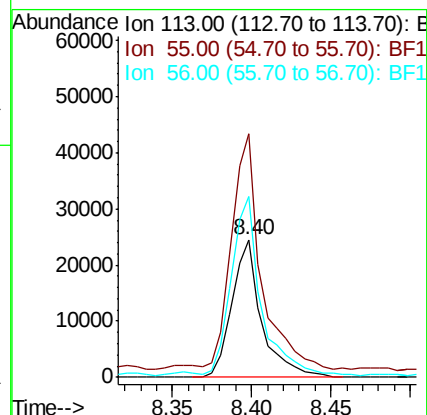
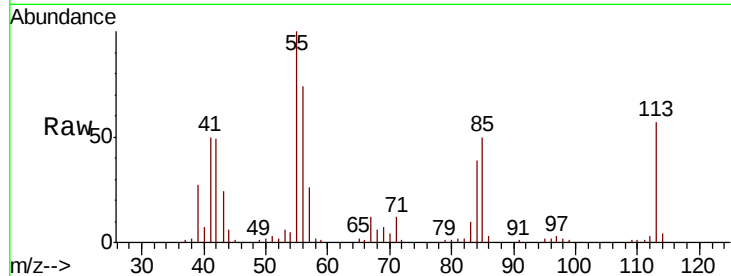




#35
 Caprolactam
 Concen: 12.716 ng
 RT: 8.40 min Scan# 1073
 Delta R.T. -0.04 min
 Lab File: BF121345.D
 Acq: 20 Aug 2020 14:11

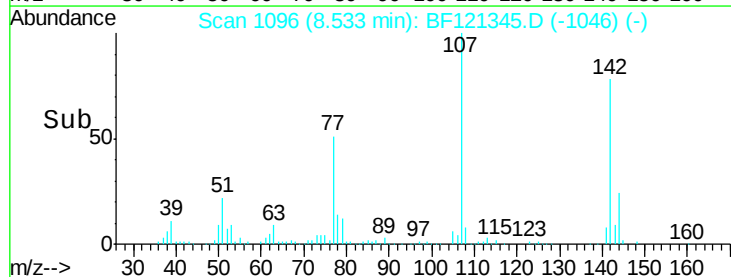
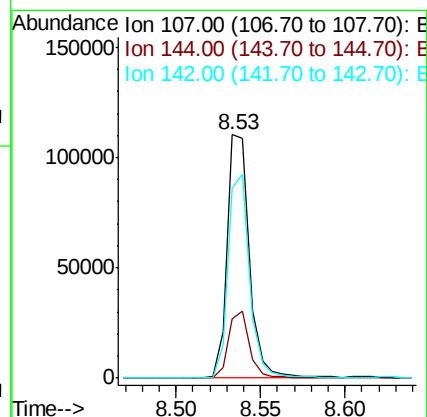
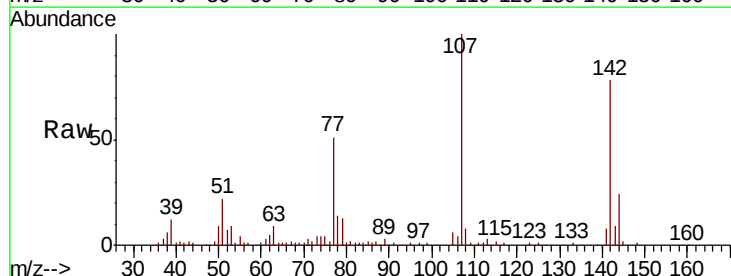
Instrument :
 BNA_F
 ClientSampleId :
 SU-02-081820

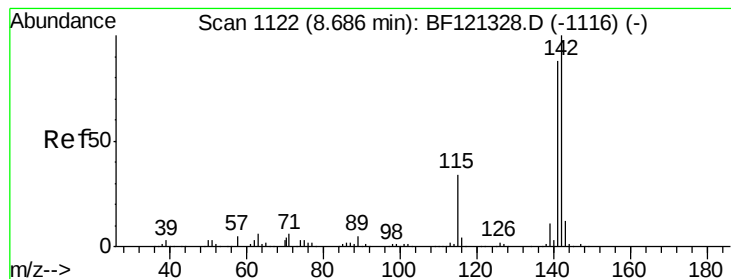
Tot Ion:113 Resp: 31673
 Ion Ratio Lower Upper
 113 100
 55 176.4 147.9 187.9
 56 131.1 102.4 142.4



#36
 4-Chloro-3-methylphenol
 Concen: 13.203 ng
 RT: 8.53 min Scan# 1096
 Delta R.T. -0.01 min
 Lab File: BF121345.D
 Acq: 20 Aug 2020 14:11

Tgt Ion:107 Resp: 101560
 Ion Ratio Lower Upper
 107 100
 144 24.2 21.1 31.7
 142 77.8 65.6 98.4





#37

2-Methylnaphthalene

Concen: 14.773 ng

RT: 8.69 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BF121345.D

Acq: 20 Aug 2020 14:11

Instrument :

BNA_F

ClientSampleId :

SU-02-081820

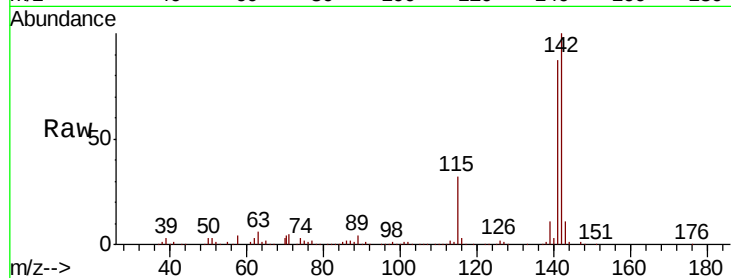
Tot Ion:142 Resp: 251713

Ion Ratio Lower Upper

142 100

141 87.3 70.3 105.5

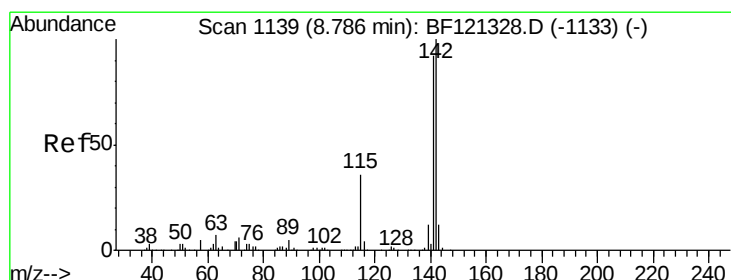
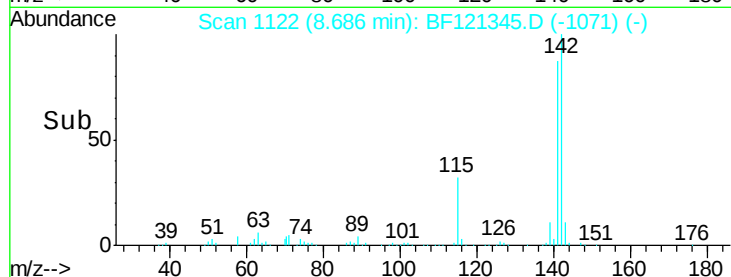
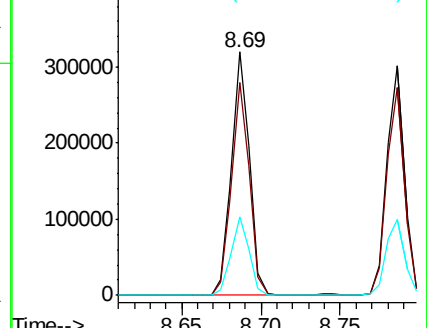
115 32.4 26.9 40.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 14.388 ng

RT: 8.79 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BF121345.D

Acq: 20 Aug 2020 14:11

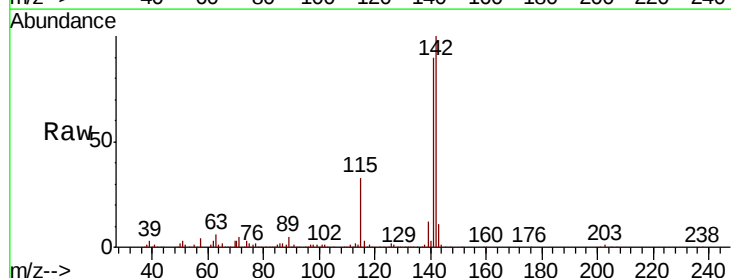
Tgt Ion:142 Resp: 233104

Ion Ratio Lower Upper

142 100

141 90.4 73.6 110.4

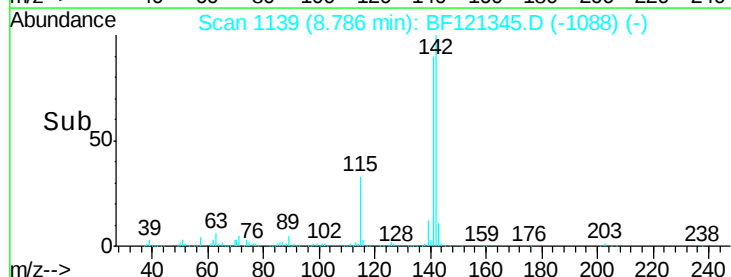
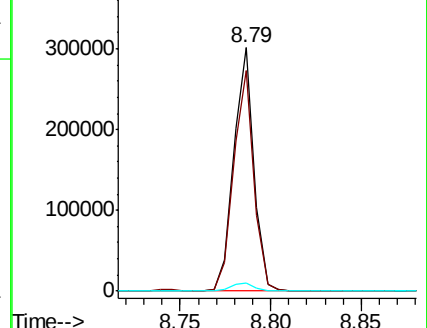
116 3.4 3.0 4.4

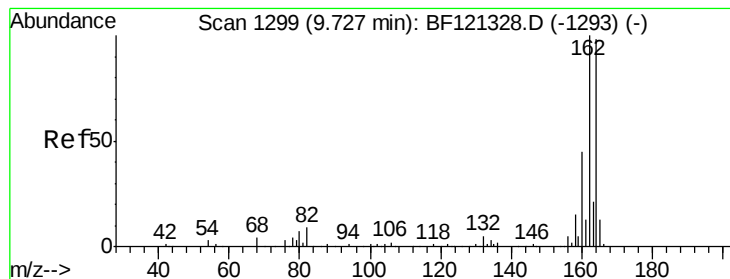


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BF121345.D

Acq: 20 Aug 2020 14:11

Instrument :

BNA_F

ClientSampleId :

SU-02-081820

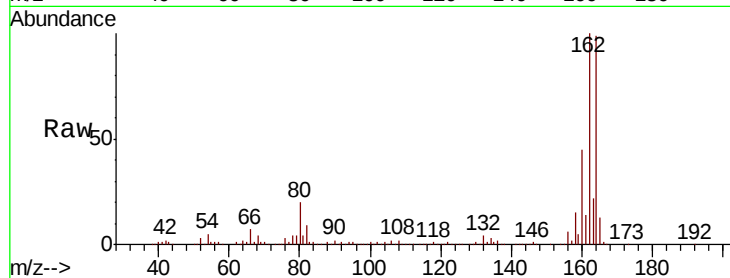
Tot Ion:164 Resp: 260335

Ion Ratio Lower Upper

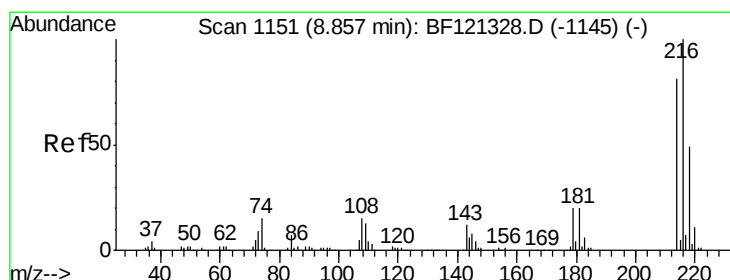
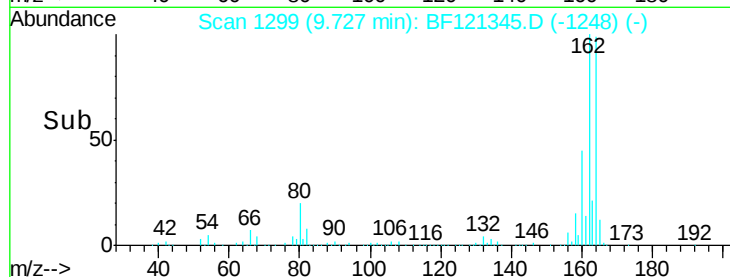
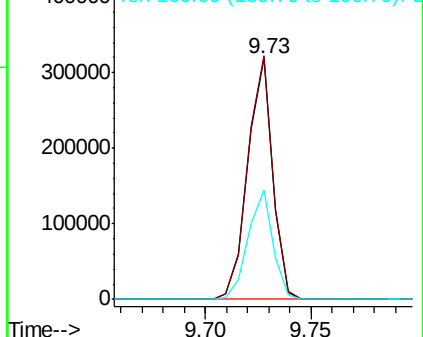
164 100

162 101.1 81.7 122.5

160 45.1 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: 14.140 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF121345.D

Acq: 20 Aug 2020 14:11

Tgt Ion:216 Resp: 109255

Ion Ratio Lower Upper

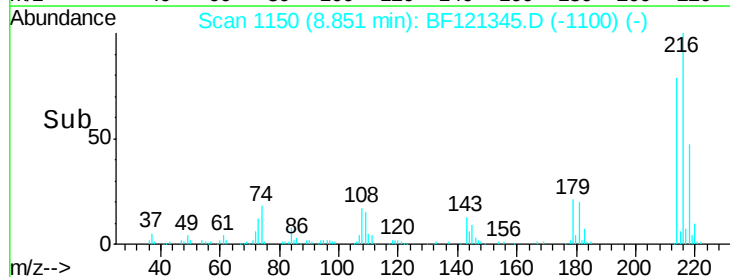
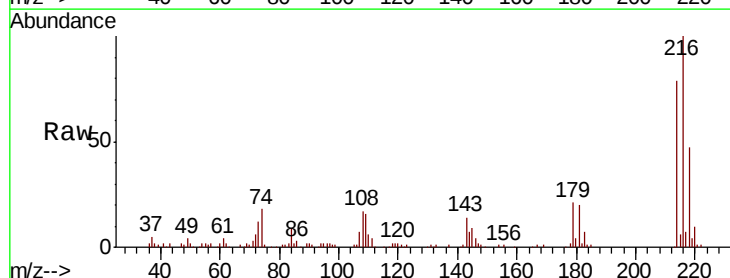
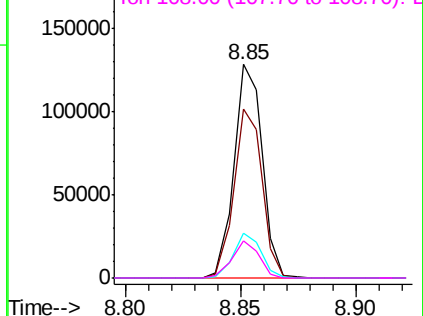
216 100

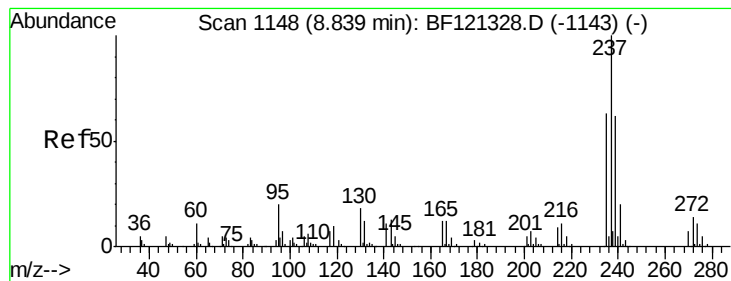
214 79.1 64.2 96.2

179 20.4 16.4 24.6

108 16.8 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: 7.037 ng

RT: 8.84 min Scan# 1148

Delta R.T. 0.00 min

Lab File: BF121345.D

Acq: 20 Aug 2020 14:11

Instrument :

BNA_F

ClientSampleId :

SU-02-081820

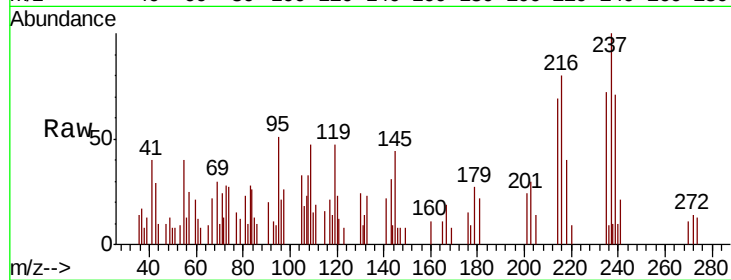
Tot Ion:237 Resp: 2847

Ion Ratio Lower Upper

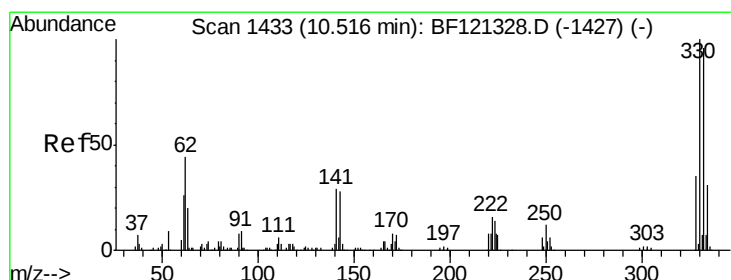
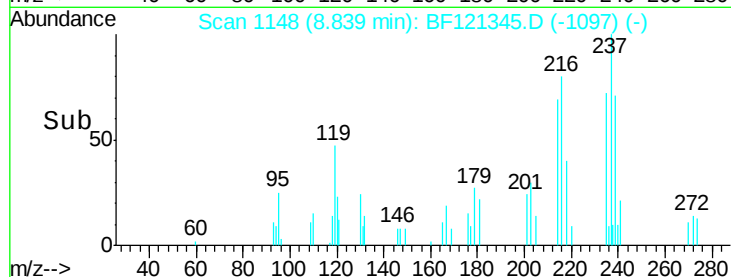
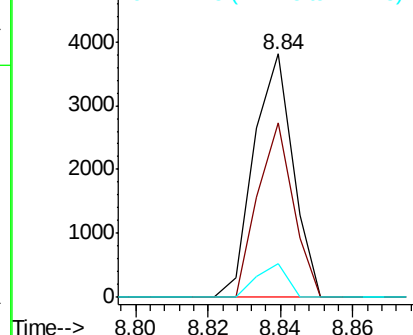
237 100

235 71.7 42.7 82.7

272 13.7 0.0 33.7



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



#42

2,4,6-Tribromophenol

Concen: 31.538 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BF121345.D

Acq: 20 Aug 2020 14:11

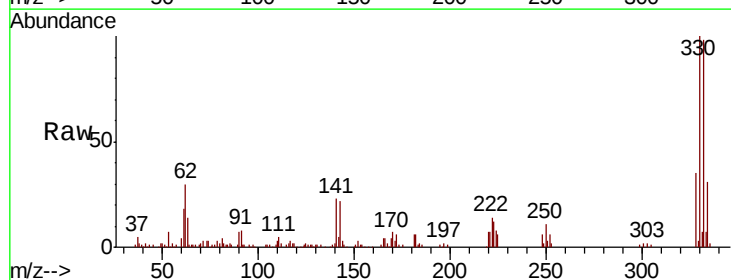
Tgt Ion:330 Resp: 95677

Ion Ratio Lower Upper

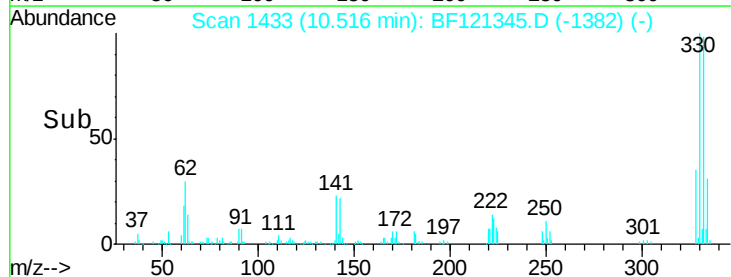
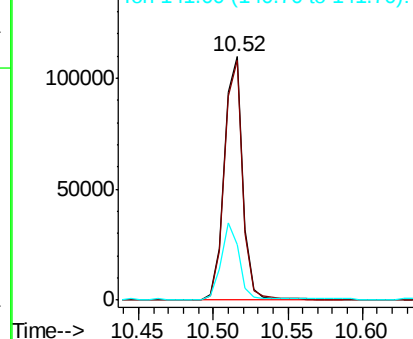
330 100

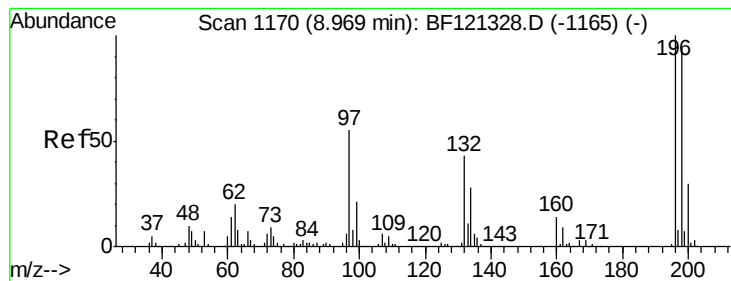
332 97.4 76.9 115.3

141 30.0 22.8 34.2



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





#43

2,4,6-Trichlorophenol

Concen: 13.167 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF121345.D

Acq: 20 Aug 2020 14:11

Instrument :

BNA_F

ClientSampleId :

SU-02-081820

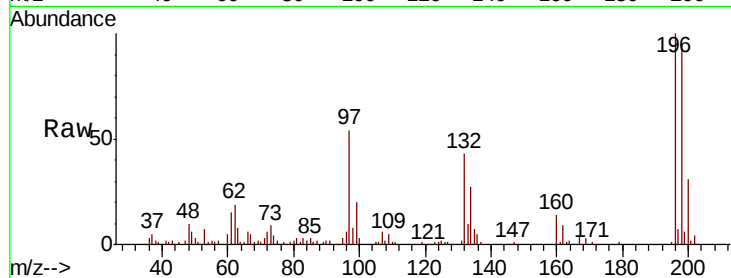
Tot Ion:196 Resp: 69551

Ion Ratio Lower Upper

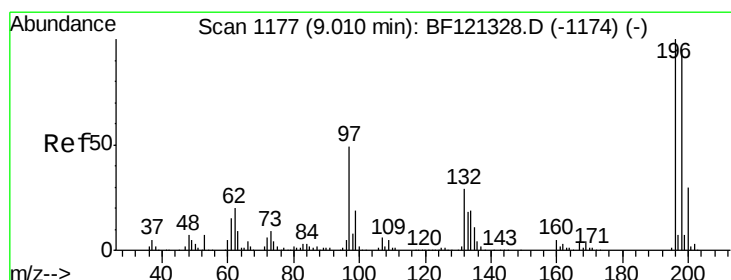
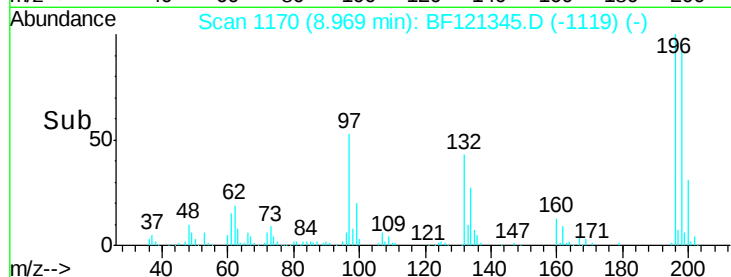
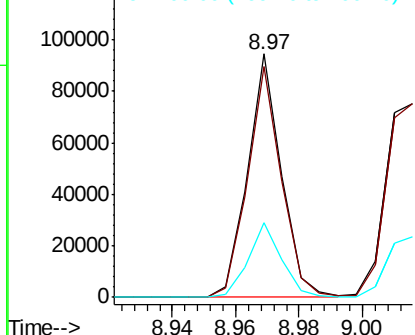
196 100

198 95.0 75.6 113.4

200 30.8 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: 13.601 ng

RT: 9.02 min Scan# 1178

Delta R.T. 0.01 min

Lab File: BF121345.D

Acq: 20 Aug 2020 14:11

Tgt Ion:196 Resp: 73917

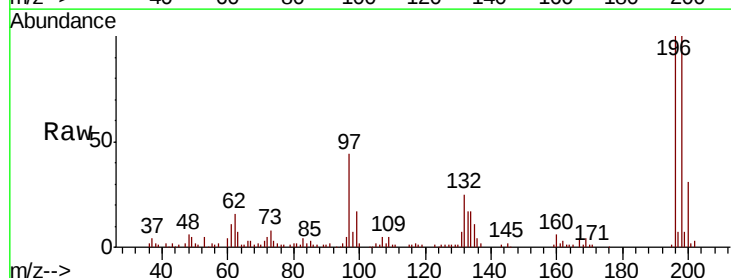
Ion Ratio Lower Upper

196 100

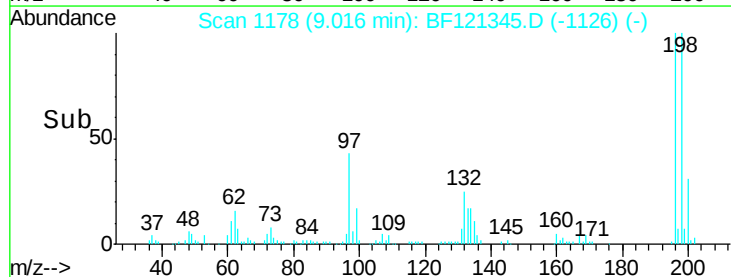
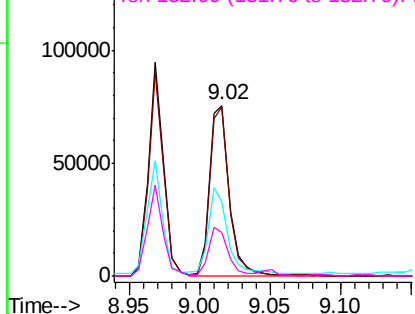
198 99.5 75.6 113.4

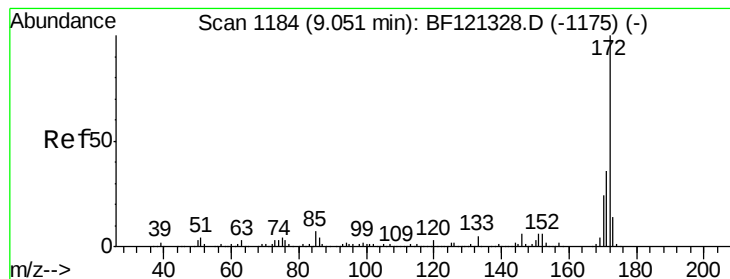
97 43.9 39.6 59.4

132 25.4 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: 24.457 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF121345.D

Acq: 20 Aug 2020 14:11

Instrument :

BNA_F

ClientSampleId :

SU-02-081820

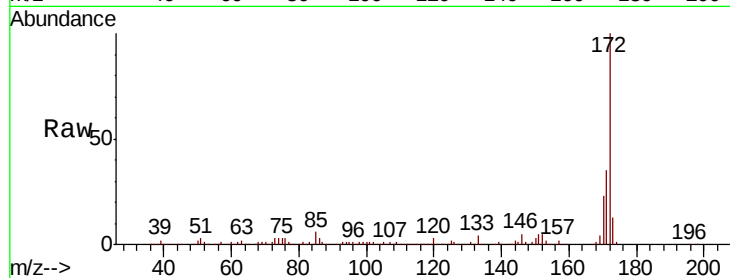
Tot Ion:172 Resp: 456539

Ion Ratio Lower Upper

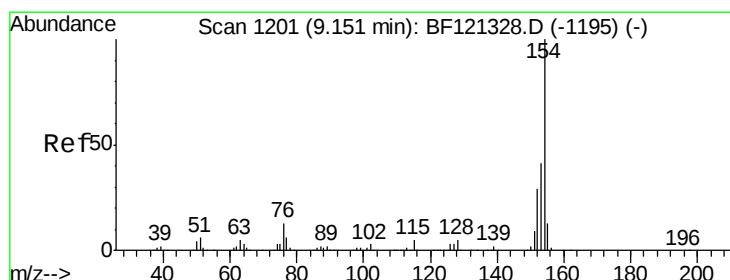
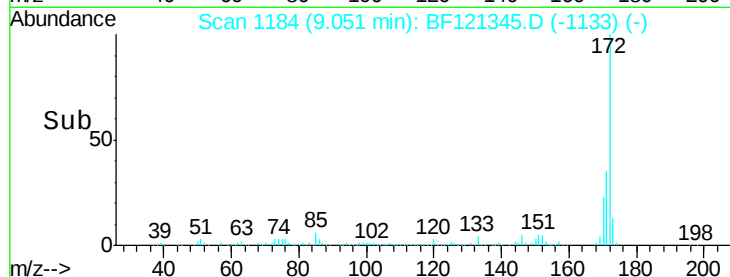
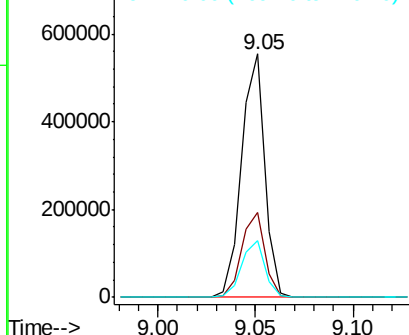
172 100

171 34.6 29.0 43.6

170 23.4 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: 14.967 ng

RT: 9.15 min Scan# 1201

Delta R.T. 0.00 min

Lab File: BF121345.D

Acq: 20 Aug 2020 14:11

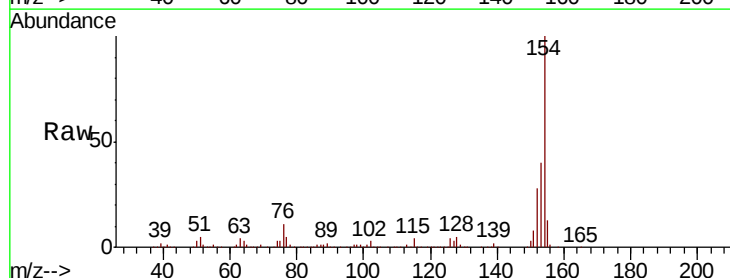
Tgt Ion:154 Resp: 292043

Ion Ratio Lower Upper

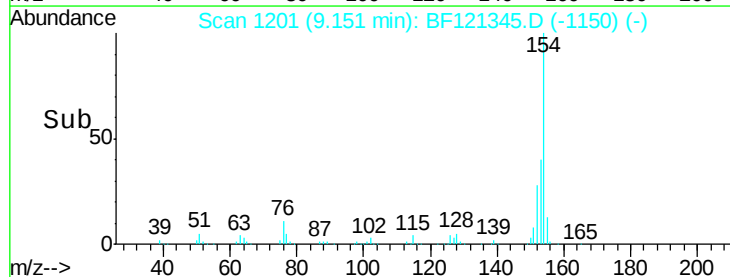
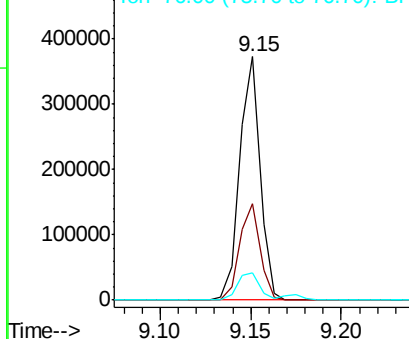
154 100

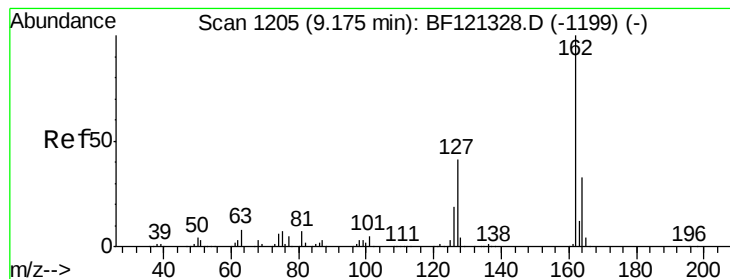
153 39.6 20.8 60.8

76 11.3 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: 13.191 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF121345.D

Acq: 20 Aug 2020 14:11

Instrument :

BNA_F

ClientSampleId :

SU-02-081820

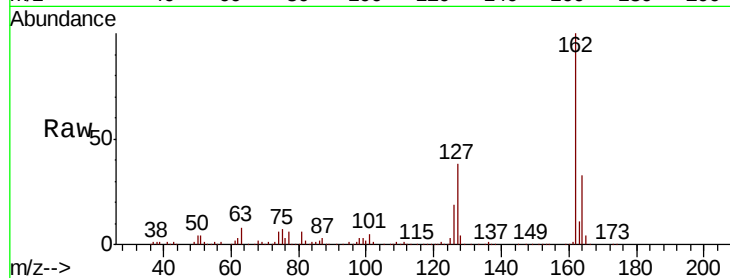
Tot Ion:162 Resp: 212054

Ion Ratio Lower Upper

162 100

127 38.5 33.1 49.7

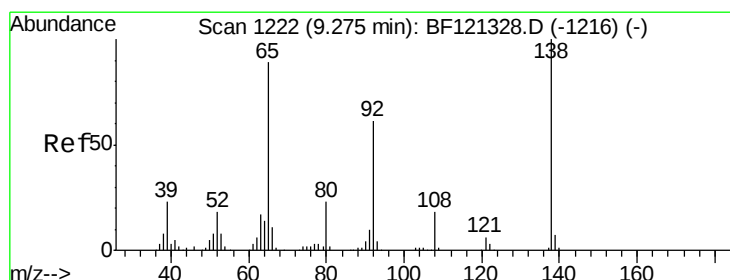
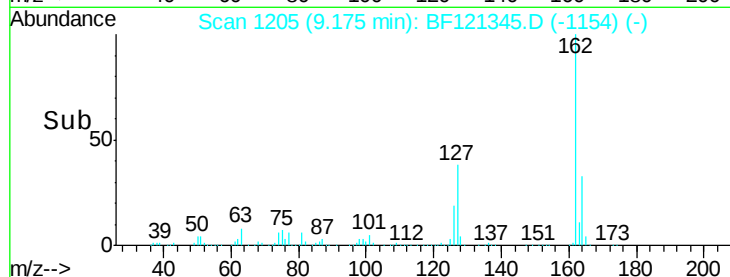
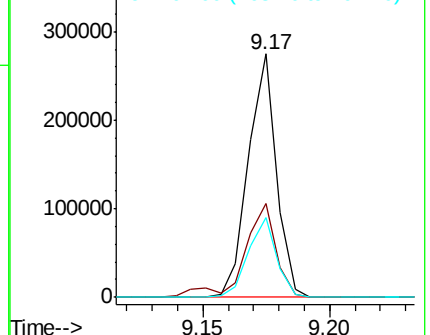
164 32.8 26.5 39.7



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: 13.405 ng

RT: 9.27 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BF121345.D

Acq: 20 Aug 2020 14:11

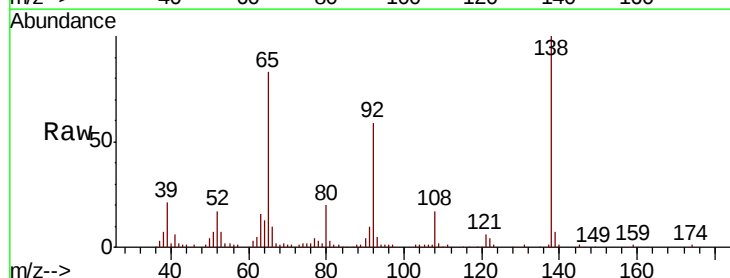
Tgt Ion: 65 Resp: 67850

Ion Ratio Lower Upper

65 100

92 71.4 54.9 82.3

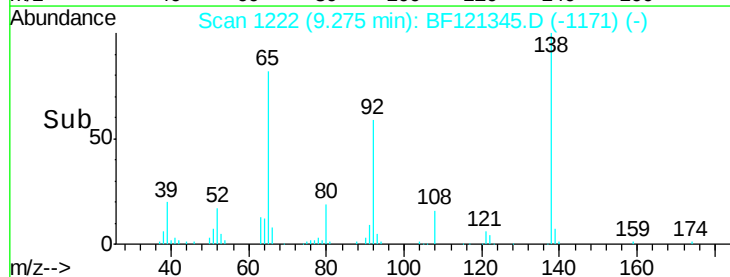
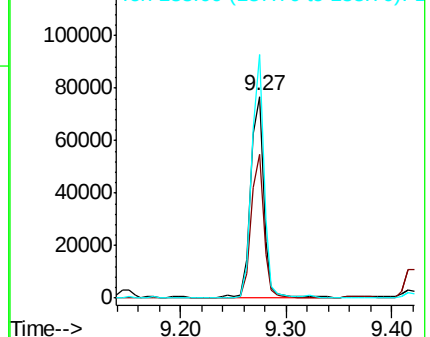
138 120.7 89.5 134.3

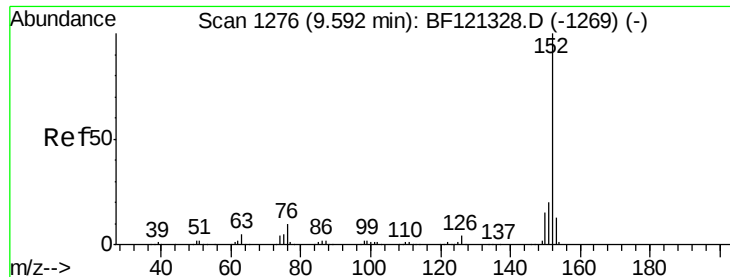


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 15.031 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BF121345.D

Acq: 20 Aug 2020 14:11

Instrument :

BNA_F

ClientSampleId :

SU-02-081820

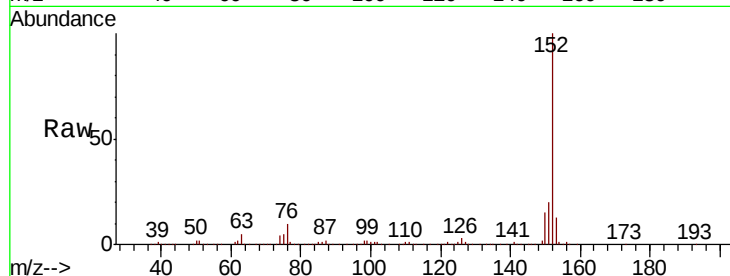
Tot Ion:152 Resp: 358894

Ion Ratio Lower Upper

152 100

151 19.6 16.4 24.6

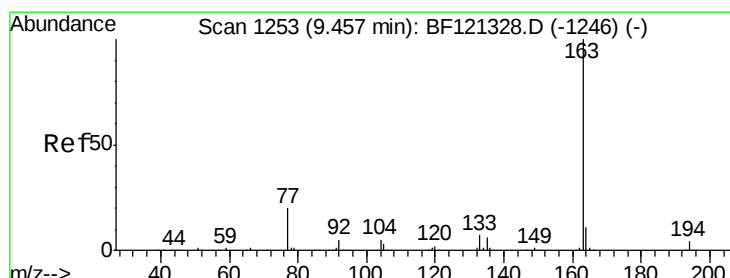
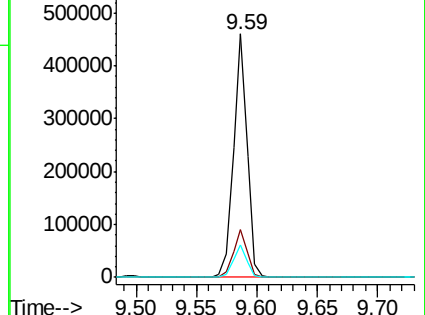
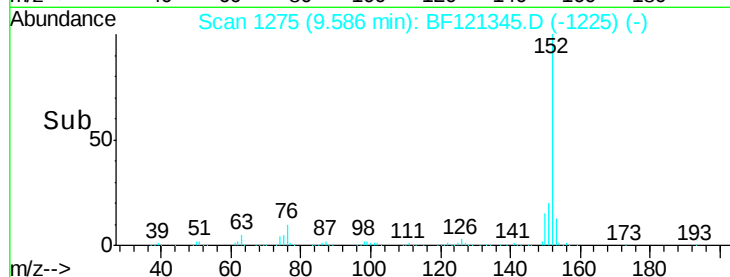
153 13.2 10.6 16.0



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: 16.131 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.01 min

Lab File: BF121345.D

Acq: 20 Aug 2020 14:11

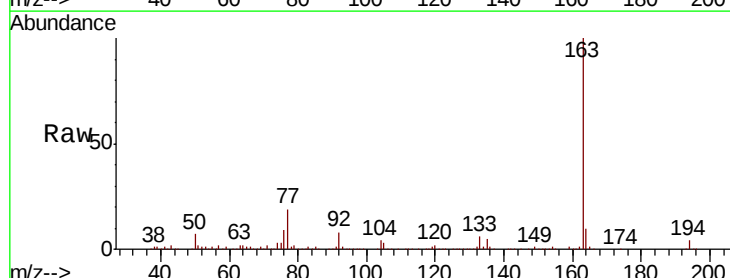
Tgt Ion:163 Resp: 305515

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

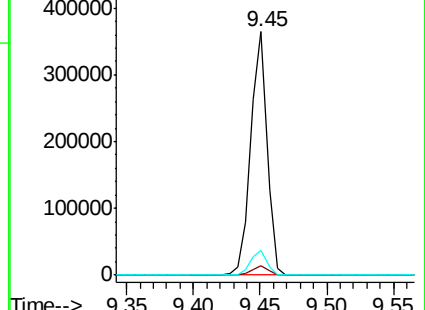
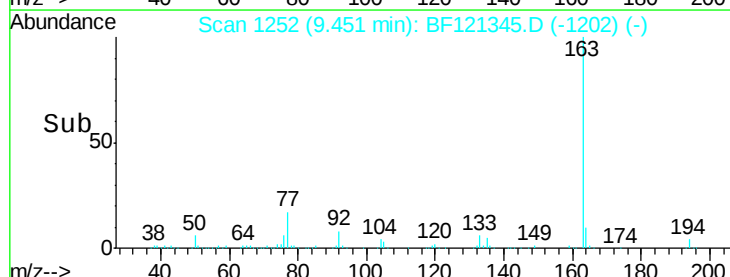
164 10.0 8.4 12.6

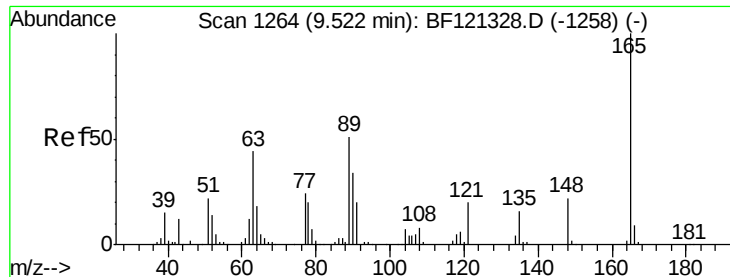


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 12.212 ng

RT: 9.52 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BF121345.D

Acq: 20 Aug 2020 14:11

Instrument :

BNA_F

ClientSampleId :

SU-02-081820

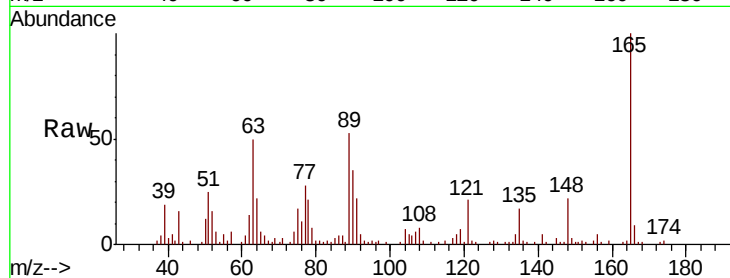
Tot Ion:165 Resp: 49399

Ion Ratio Lower Upper

165 100

63 49.6 38.5 57.7

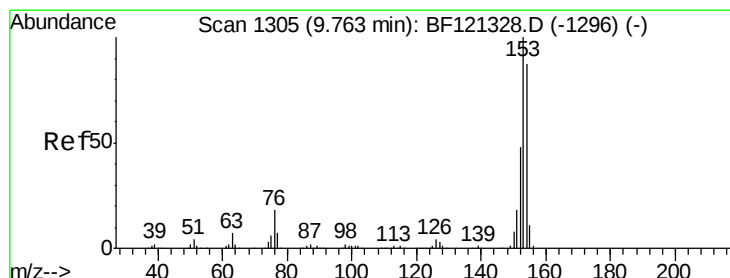
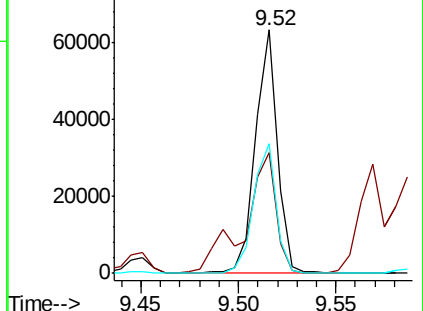
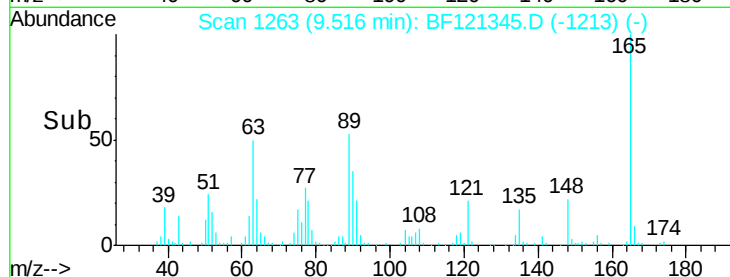
89 53.1 41.2 61.8



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: 15.037 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF121345.D

Acq: 20 Aug 2020 14:11

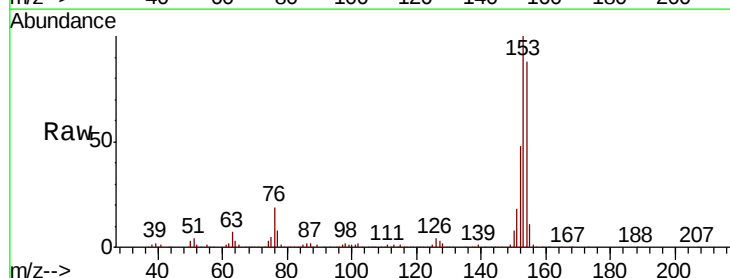
Tgt Ion:154 Resp: 218160

Ion Ratio Lower Upper

154 100

153 113.7 92.0 138.0

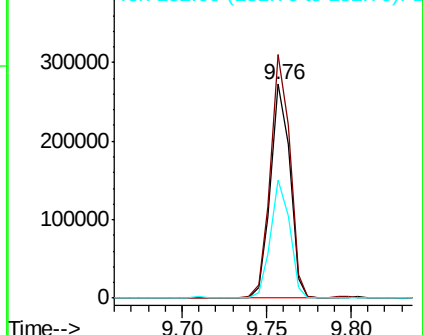
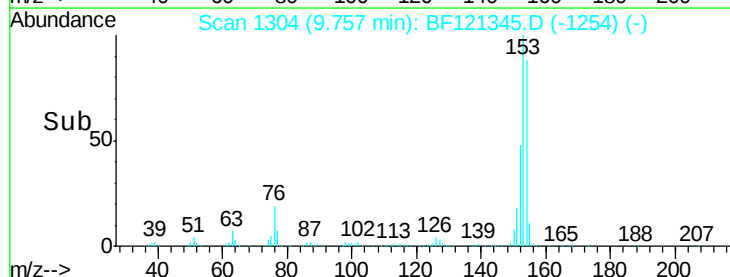
152 55.1 44.6 66.8

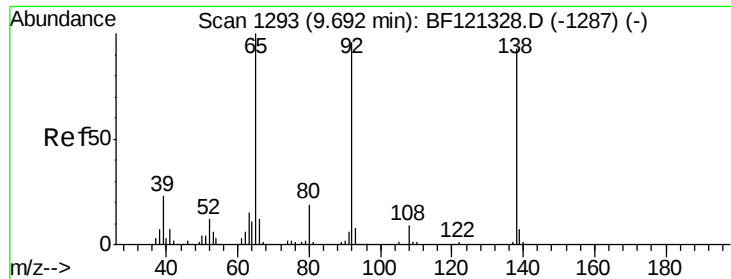


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

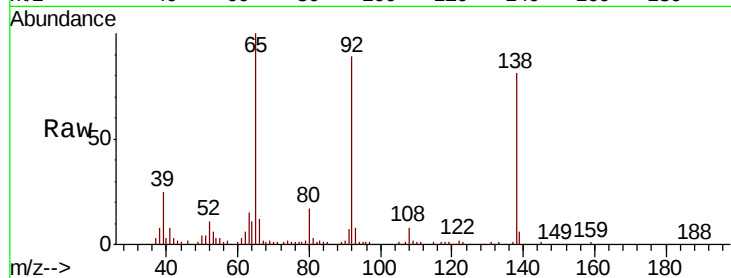




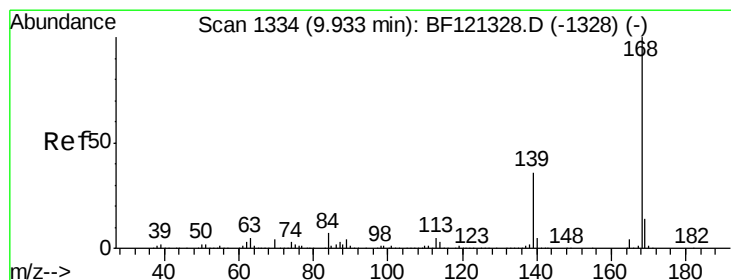
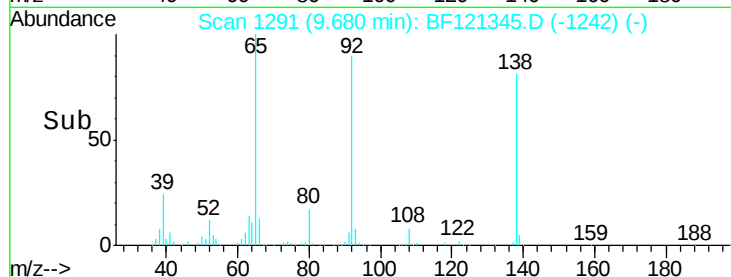
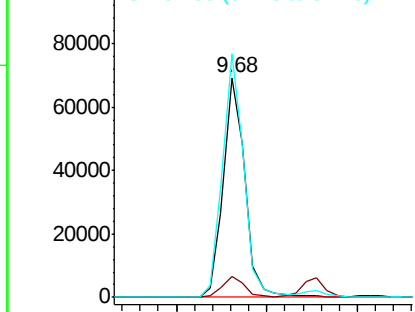
#53
3-Nitroaniline
Concen: 11.387 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF121345.D
Acq: 20 Aug 2020 14:11

Instrument :
BNA_F
ClientSampleId :
SU-02-081820

Tot Ion:138 Resp: 57617
Ion Ratio Lower Upper
138 100
108 9.6 7.5 11.3
92 110.9 83.0 124.4

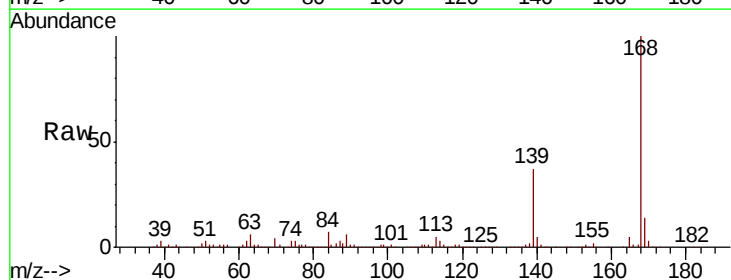


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

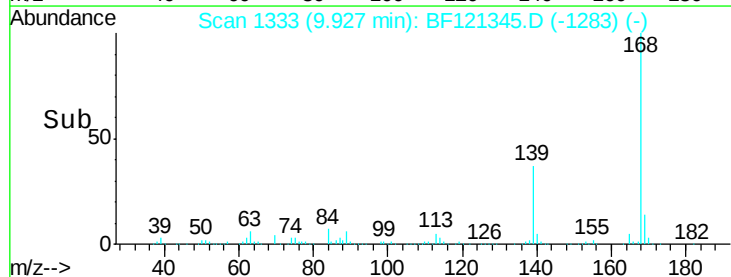
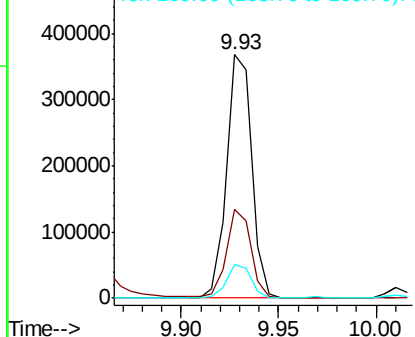


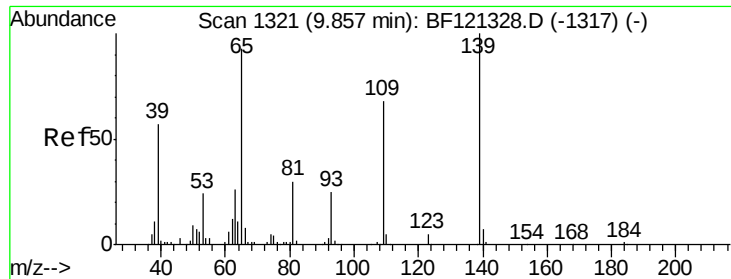
#55
Dibenzofuran
Concen: 13.997 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF121345.D
Acq: 20 Aug 2020 14:11

Tgt Ion:168 Resp: 328090
Ion Ratio Lower Upper
168 100
139 36.7 29.1 43.7
169 13.7 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

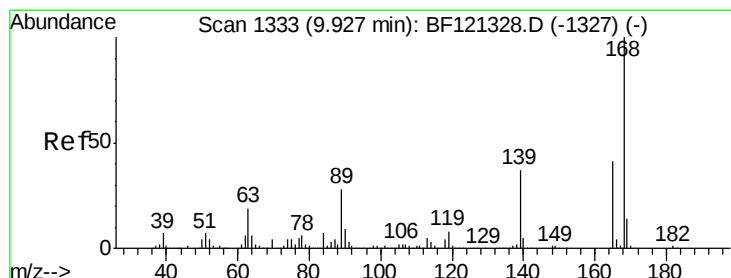
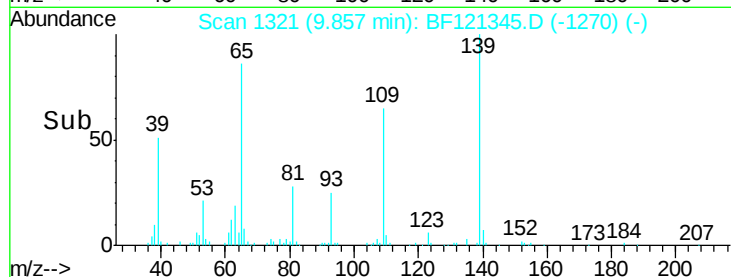
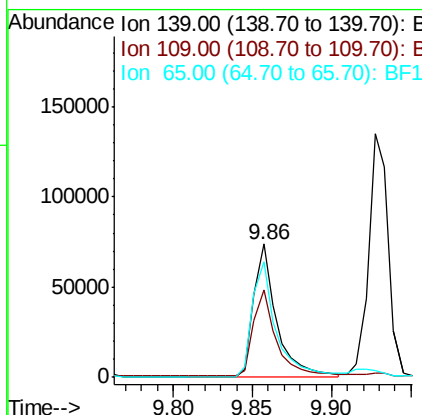
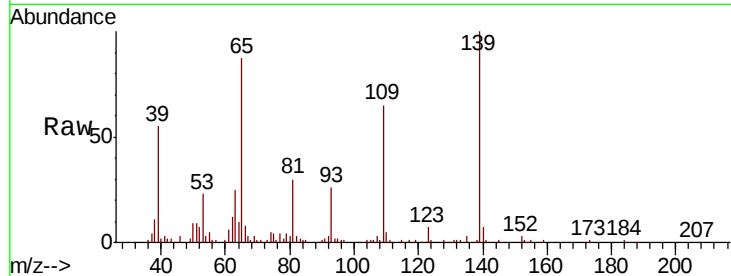




#56
4-Nitrophenol
Concen: 24.242 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF121345.D
Acq: 20 Aug 2020 14:11

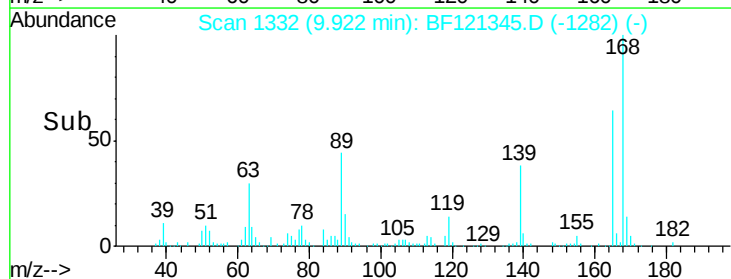
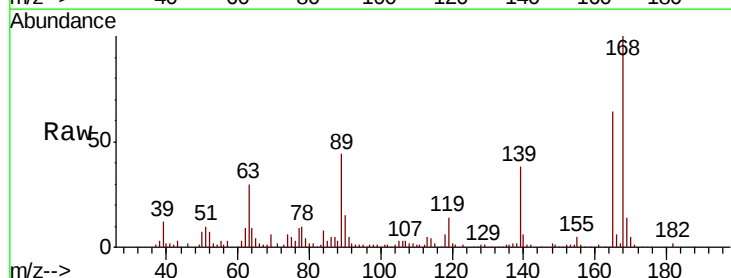
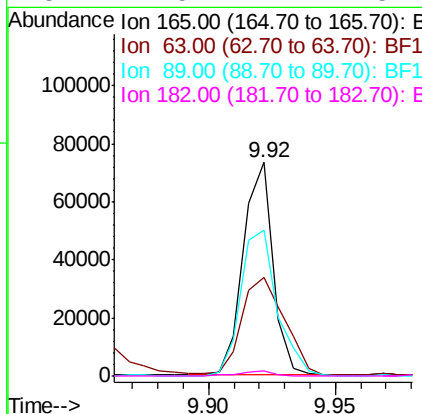
Instrument :
BNA_F
ClientSampleId :
SU-02-081820

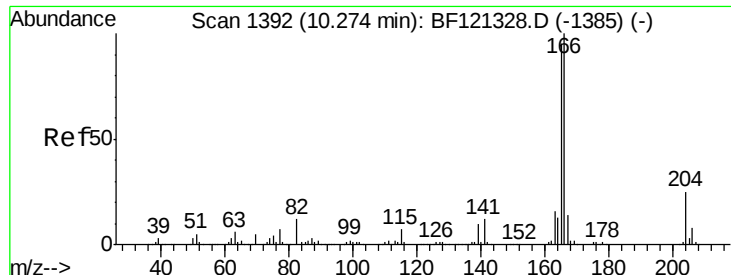
Tot Ion:139 Resp: 75651
Ion Ratio Lower Upper
139 100
109 65.4 47.7 87.7
65 86.5 73.2 113.2



#57
2,4-Dinitrotoluene
Concen: 12.121 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF121345.D
Acq: 20 Aug 2020 14:11

Tgt Ion:165 Resp: 59813
Ion Ratio Lower Upper
165 100
63 46.2 37.5 56.3
89 68.3 54.2 81.4
182 2.5 2.2 3.4





#58

Fluorene

Concen: 16.358 ng

RT: 10.27 min Scan# 1392

Delta R.T. 0.00 min

Lab File: BF121345.D

Acq: 20 Aug 2020 14:11

Instrument :

BNA_F

ClientSampleId :

SU-02-081820

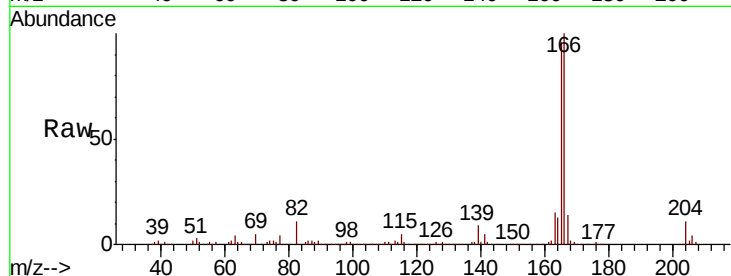
Tot Ion:166 Resp: 276318

Ion Ratio Lower Upper

166 100

165 95.9 75.8 113.8

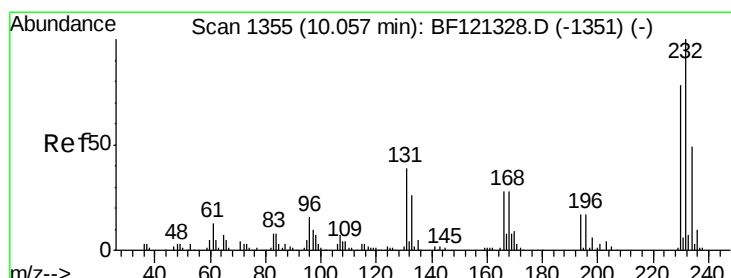
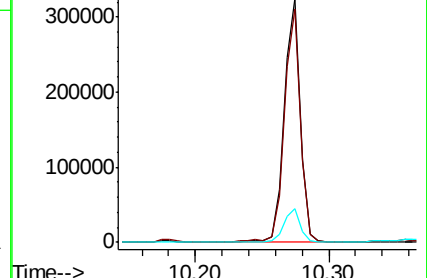
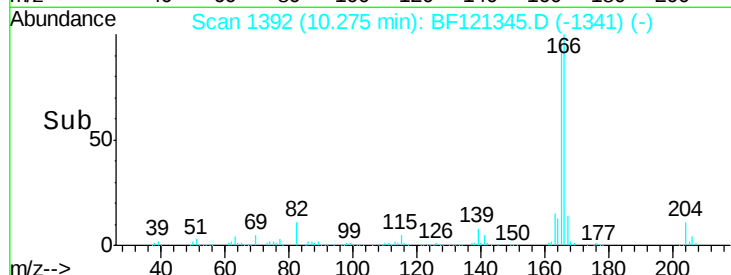
167 13.7 11.0 16.4



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: 12.597 ng

RT: 10.05 min Scan# 1354

Delta R.T. -0.01 min

Lab File: BF121345.D

Acq: 20 Aug 2020 14:11

Tgt Ion:232 Resp: 58523

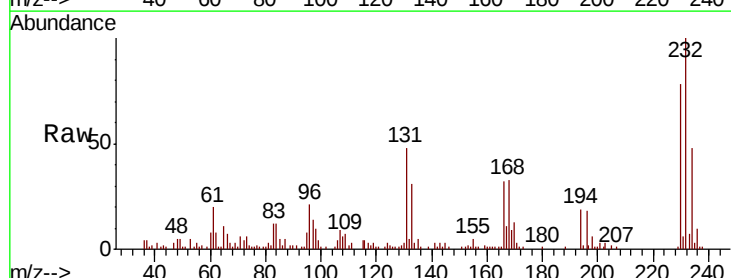
Ion Ratio Lower Upper

232 100

131 45.0 34.2 51.4

130 3.0 1.7 2.5#

166 29.6 22.3 33.5

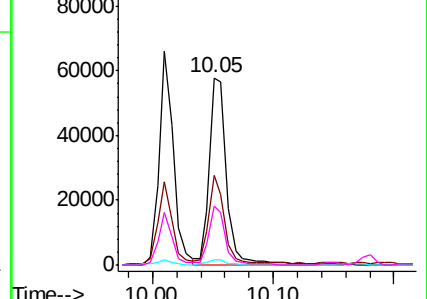
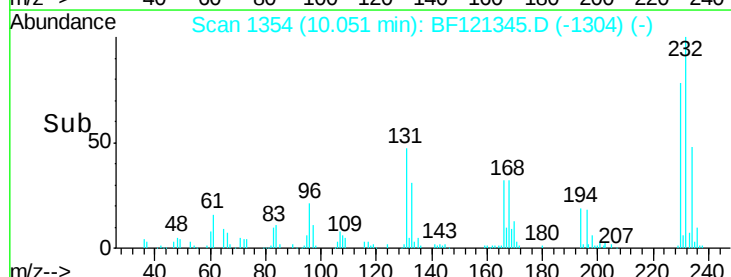


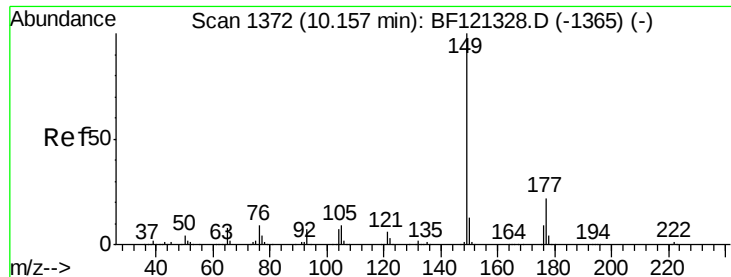
Abundance Ion 232.00 (231.70 to 232.70): E

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

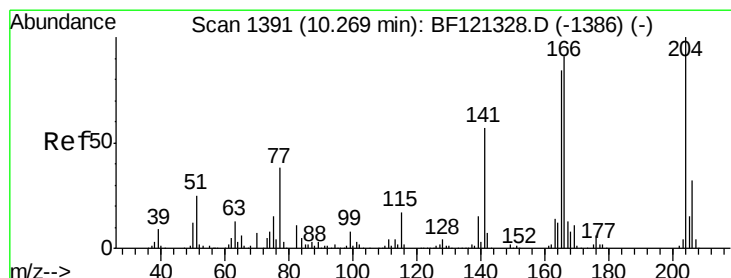
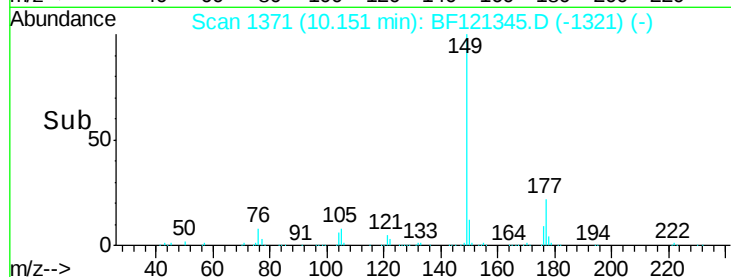
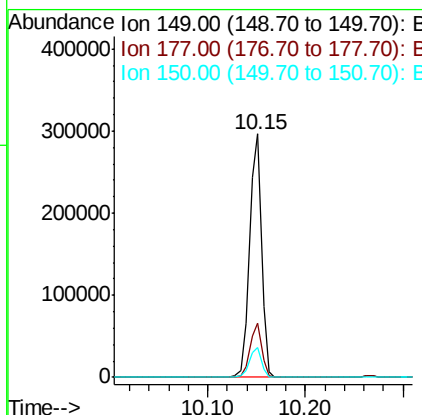
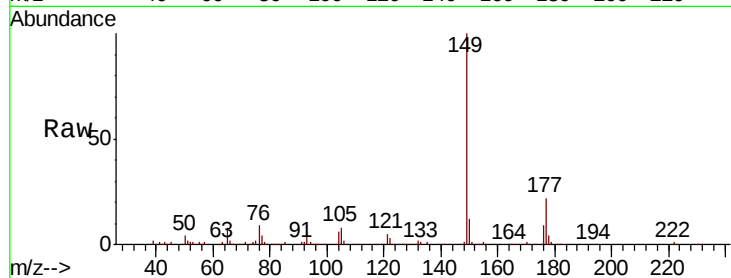




#60
Diethylphthalate
Concen: 13.656 ng
RT: 10.15 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BF121345.D
Acq: 20 Aug 2020 14:11

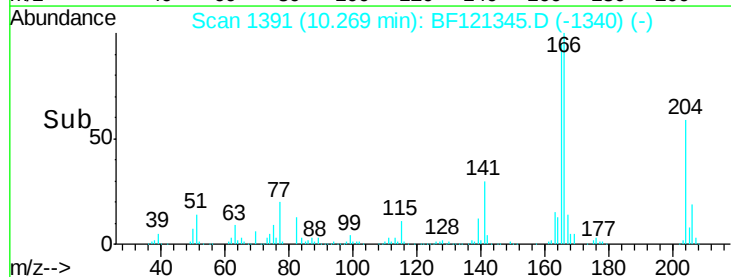
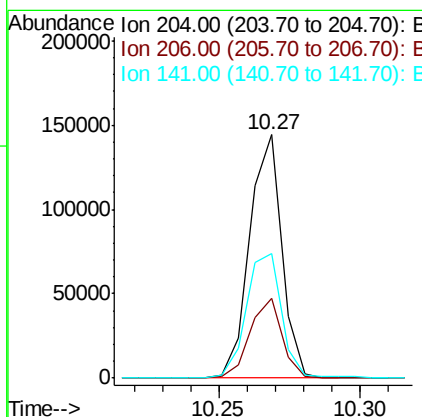
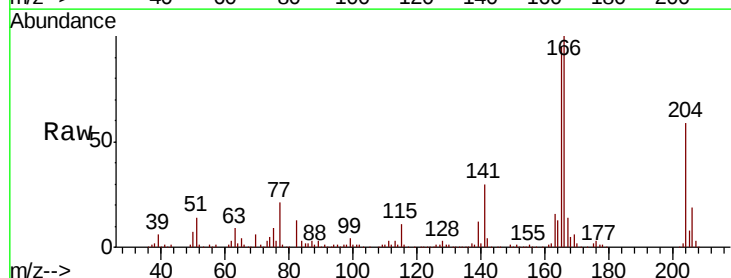
Instrument :
BNA_F
ClientSampleId :
SU-02-081820

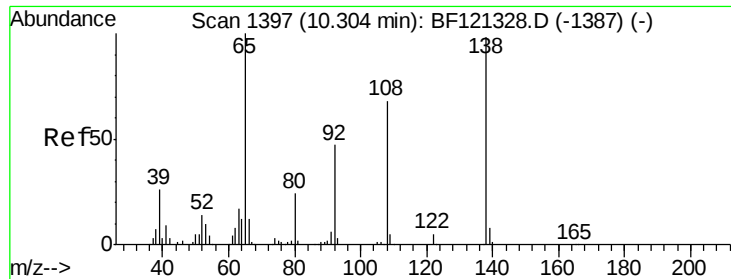
Tot Ion:149 Resp: 252563
Ion Ratio Lower Upper
149 100
177 22.3 17.6 26.4
150 12.0 10.1 15.1



#61
4-Chlorophenyl-phenylether
Concen: 12.014 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BF121345.D
Acq: 20 Aug 2020 14:11

Tgt Ion:204 Resp: 114046
Ion Ratio Lower Upper
204 100
206 32.6 25.9 38.9
141 51.1 45.5 68.3





#62

4-Nitroaniline

Concen: 11.527 ng

RT: 10.29 min Scan# 1395

Delta R.T. -0.01 min

Lab File: BF121345.D

Acq: 20 Aug 2020 14:11

Instrument :

BNA_F

ClientSampleId :

SU-02-081820

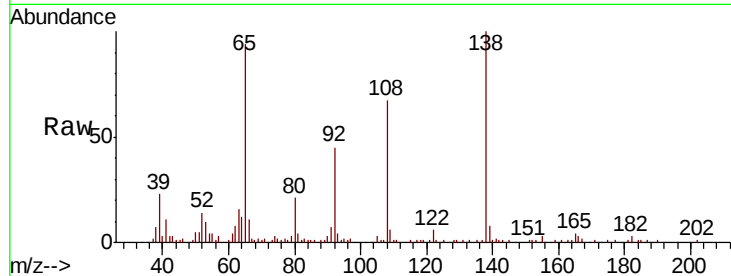
Tot Ion:138 Resp: 59766

Ion Ratio Lower Upper

138 100

92 45.0 28.1 68.1

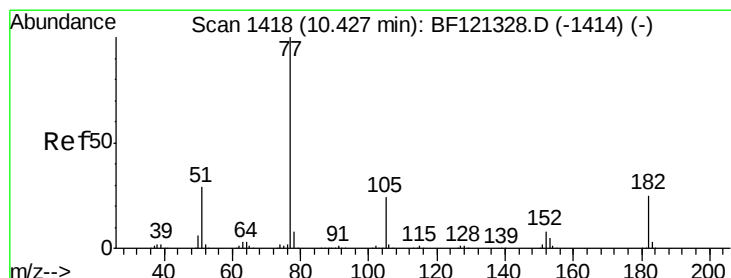
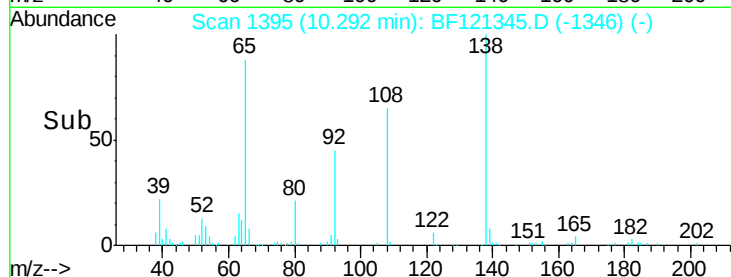
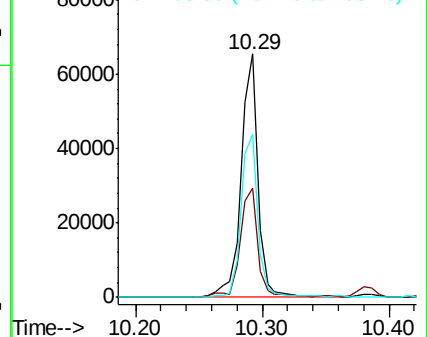
108 67.2 49.5 89.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#63

Azobenzene

Concen: 12.986 ng

RT: 10.43 min Scan# 1418

Delta R.T. 0.00 min

Lab File: BF121345.D

Acq: 20 Aug 2020 14:11

Tgt Ion: 77 Resp: 223073

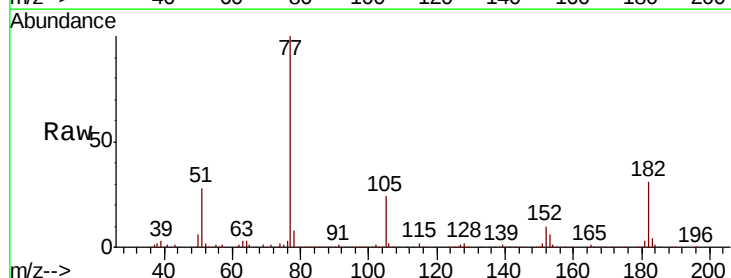
Ion Ratio Lower Upper

77 100

182 31.0 5.0 45.0

105 24.2 3.6 43.6

51 28.1 8.8 48.8

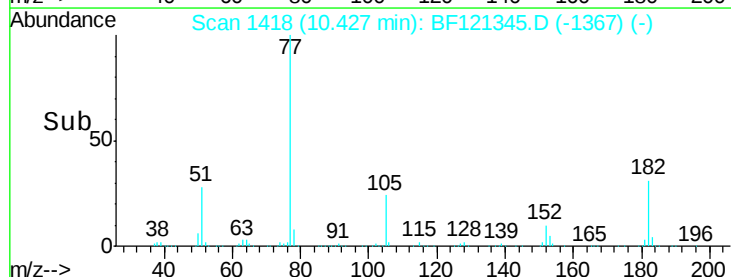
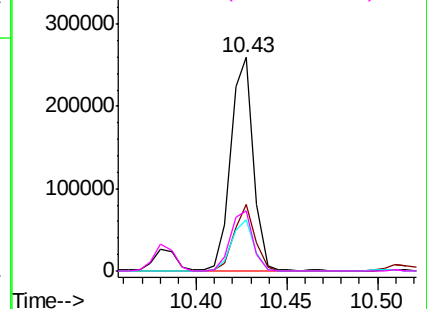


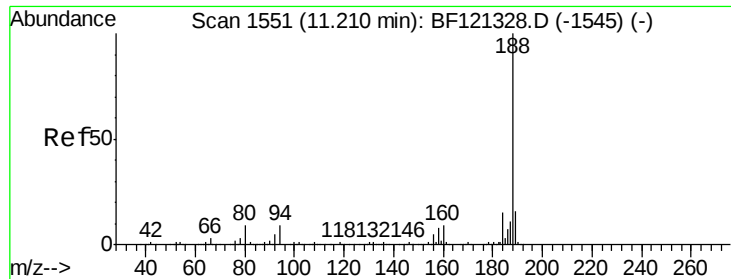
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.21 min Scan# 1551

Delta R.T. 0.00 min

Lab File: BF121345.D

Acq: 20 Aug 2020 14:11

Instrument :

BNA_F

ClientSampleId :

SU-02-081820

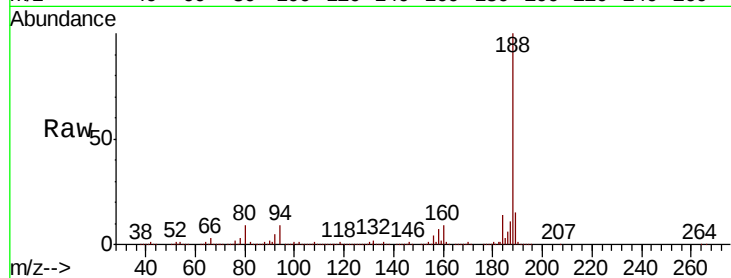
Tot Ion:188 Resp: 456087

Ion Ratio Lower Upper

188 100

94 8.8 7.2 10.8

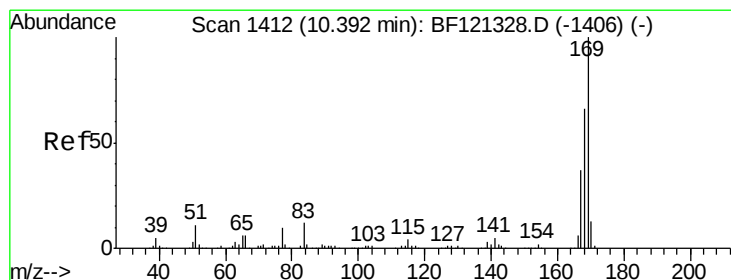
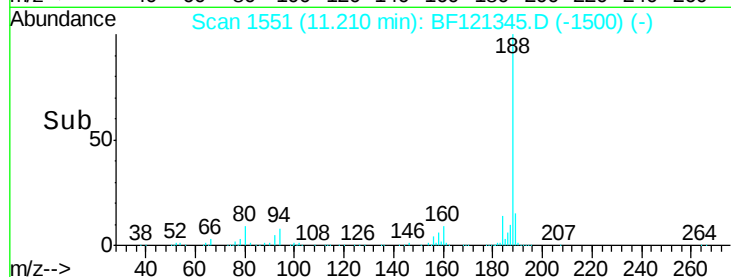
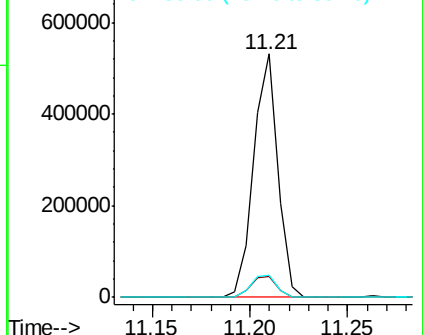
80 9.1 7.4 11.0



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: 14.693 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF121345.D

Acq: 20 Aug 2020 14:11

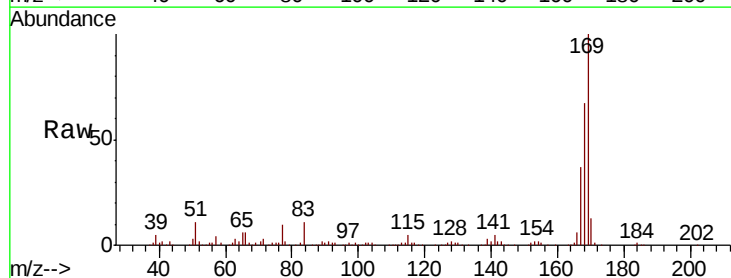
Tgt Ion:169 Resp: 206705

Ion Ratio Lower Upper

169 100

168 66.6 53.0 79.6

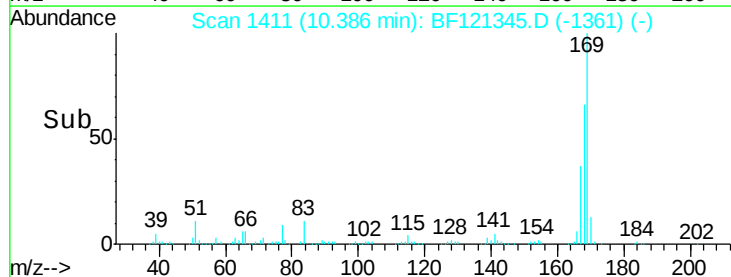
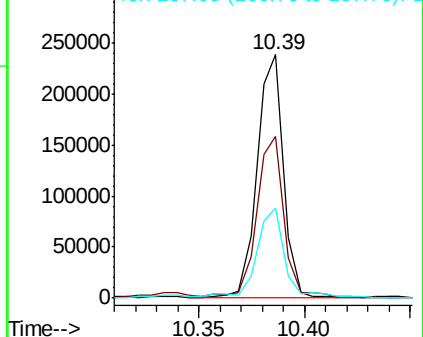
167 37.0 29.5 44.3

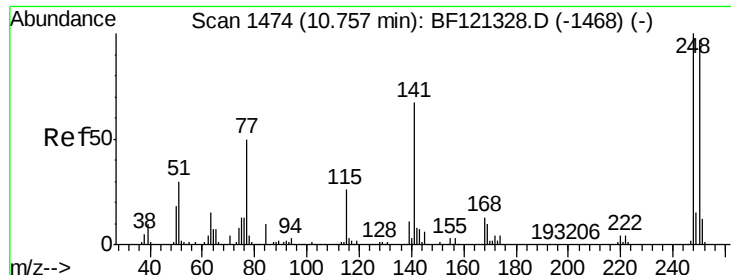


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

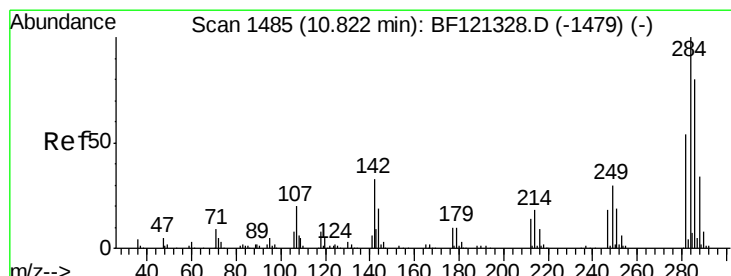
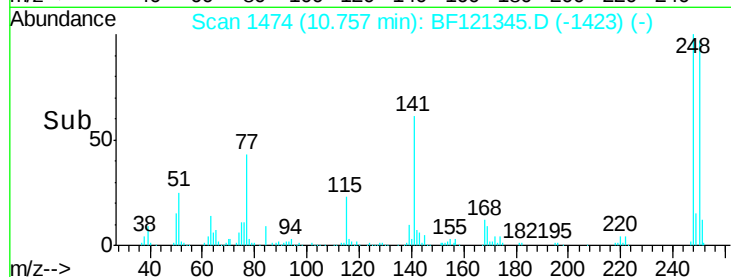
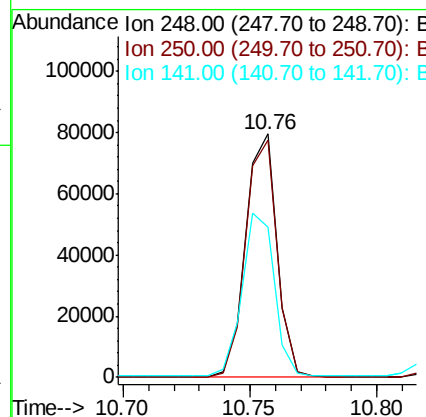
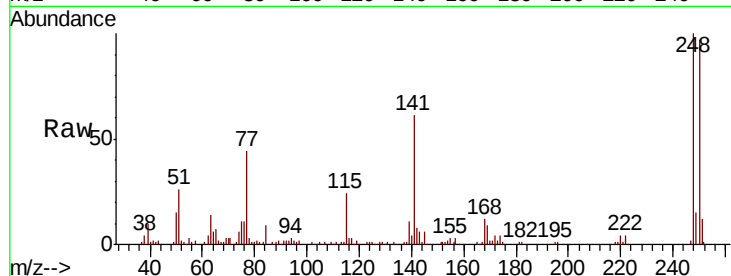




#67
 4-Bromophenyl-phenylether
 Concen: 13.504 ng
 RT: 10.76 min Scan# 1474
 Delta R.T. 0.00 min
 Lab File: BF121345.D
 Acq: 20 Aug 2020 14:11

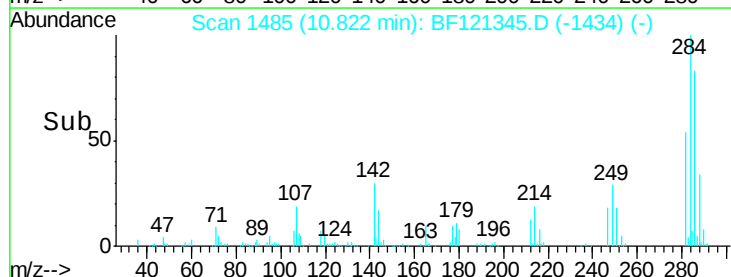
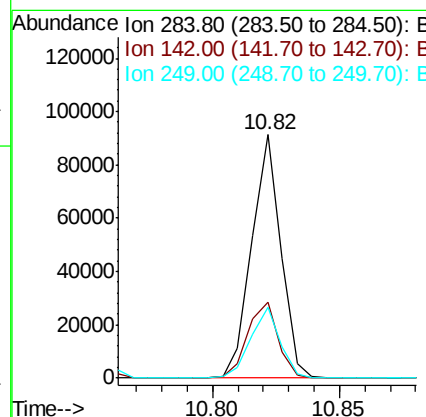
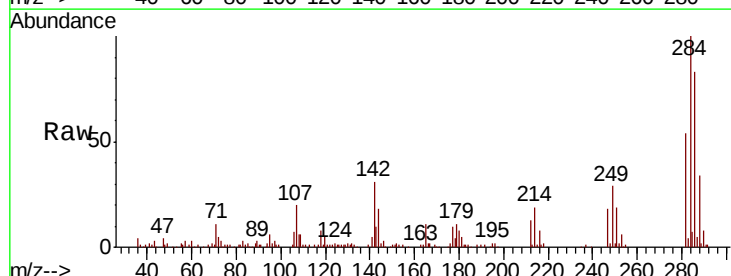
Instrument :
 BNA_F
 ClientSampleId :
 SU-02-081820

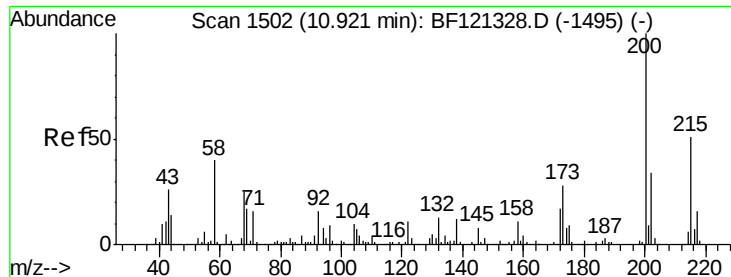
Tot Ion:248 Resp: 68318
 Ion Ratio Lower Upper
 248 100
 250 97.4 77.9 116.9
 141 61.5 53.5 80.3



#68
 Hexachlorobenzene
 Concen: 12.574 ng
 RT: 10.82 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: BF121345.D
 Acq: 20 Aug 2020 14:11

Tgt Ion:284 Resp: 73328
 Ion Ratio Lower Upper
 284 100
 142 31.1 26.1 39.1
 249 29.1 24.0 36.0

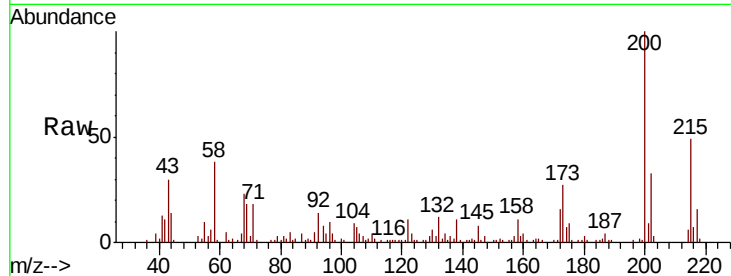




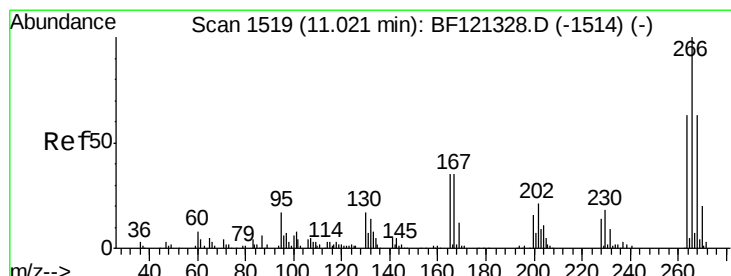
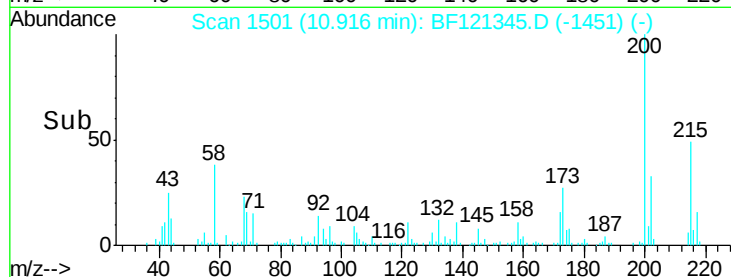
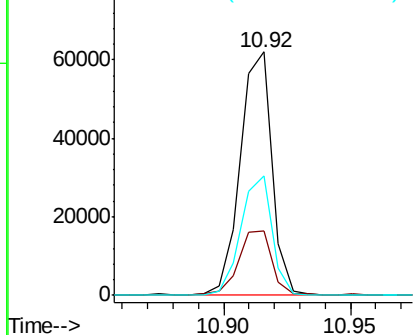
#69
 Atrazine
 Concen: 12.353 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. -0.01 min
 Lab File: BF121345.D
 Acq: 20 Aug 2020 14:11

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-081820

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.6	7.8	47.8
215	49.2	30.5	70.5

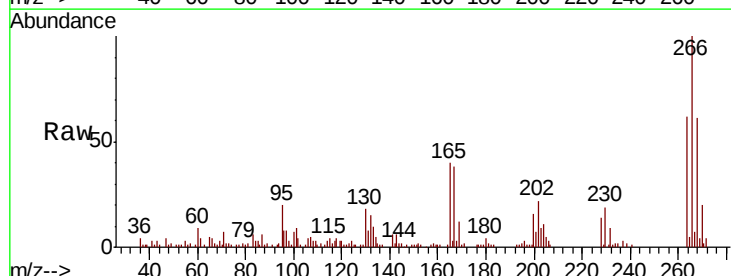


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

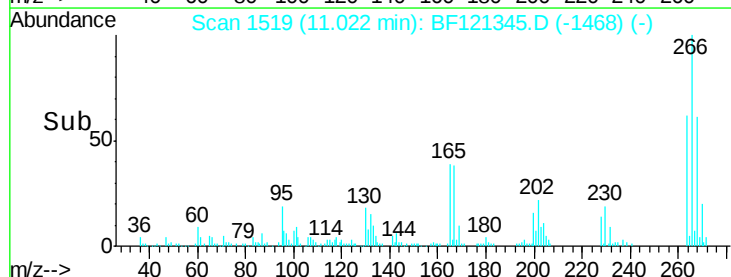
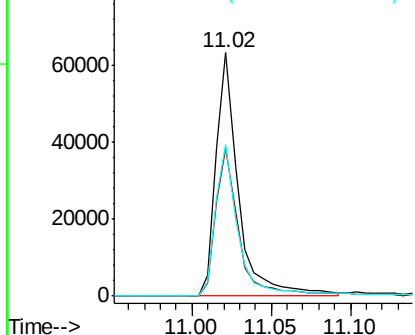


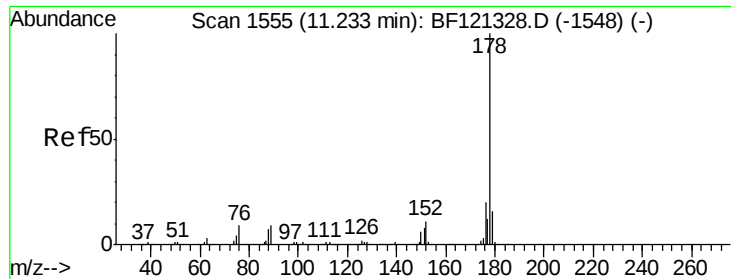
#70
 Pentachlorophenol
 Concen: 24.172 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. 0.00 min
 Lab File: BF121345.D
 Acq: 20 Aug 2020 14:11

Tgt Ion	Ratio	Lower	Upper
266	100		
268	60.8	50.6	75.8
264	62.2	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

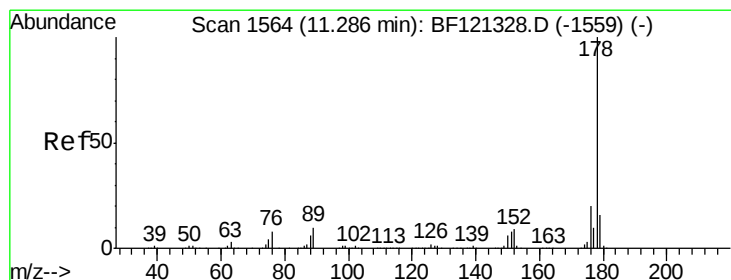
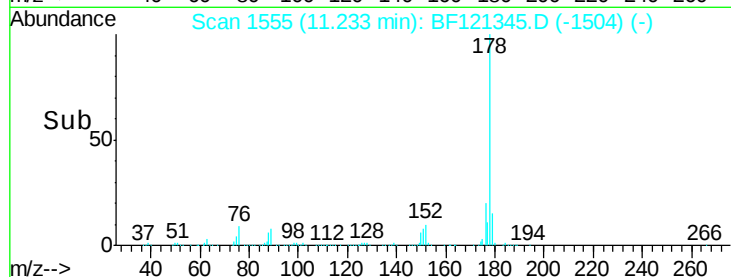
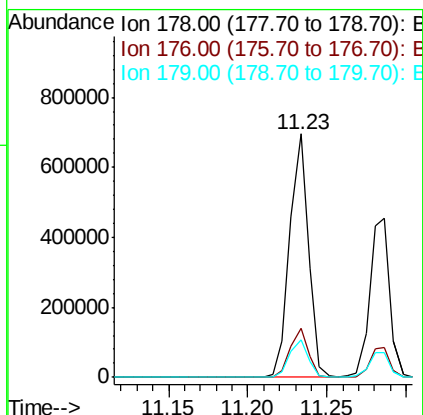
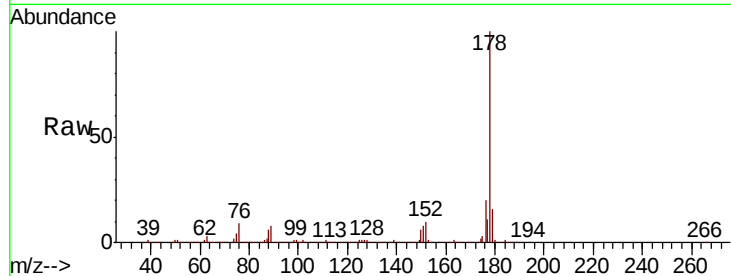




#71
Phenanthrene
Concen: 24.217 ng
RT: 11.23 min Scan# 1555
Delta R.T. 0.00 min
Lab File: BF121345.D
Acq: 20 Aug 2020 14:11

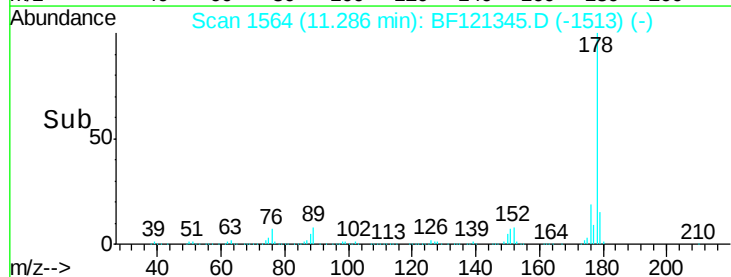
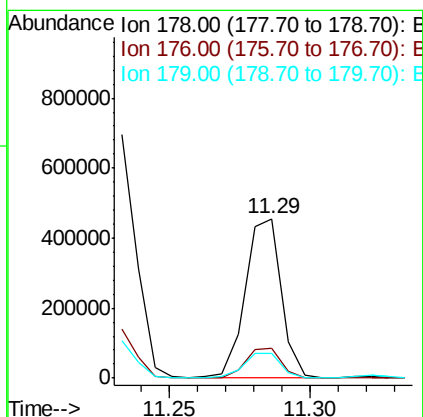
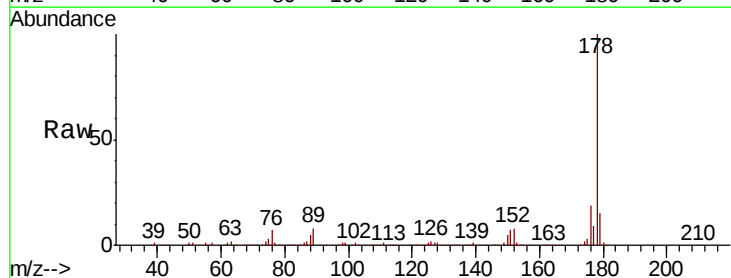
Instrument :
BNA_F
ClientSampleId :
SU-02-081820

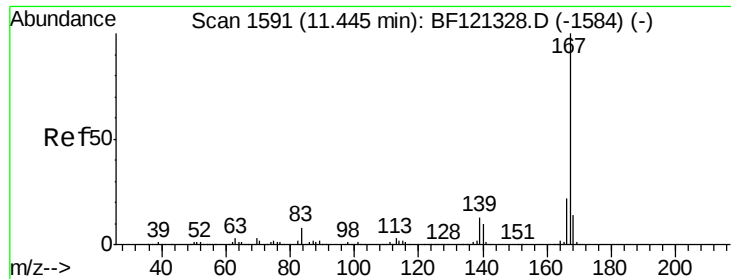
Tot Ion:178 Resp: 571641
Ion Ratio Lower Upper
178 100
176 20.0 16.0 24.0
179 15.7 12.8 19.2



#72
Anthracene
Concen: 17.579 ng
RT: 11.29 min Scan# 1564
Delta R.T. 0.00 min
Lab File: BF121345.D
Acq: 20 Aug 2020 14:11

Tgt Ion:178 Resp: 399578
Ion Ratio Lower Upper
178 100
176 18.9 15.6 23.4
179 15.3 12.8 19.2

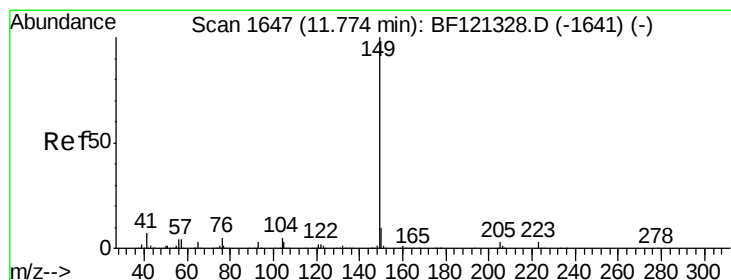
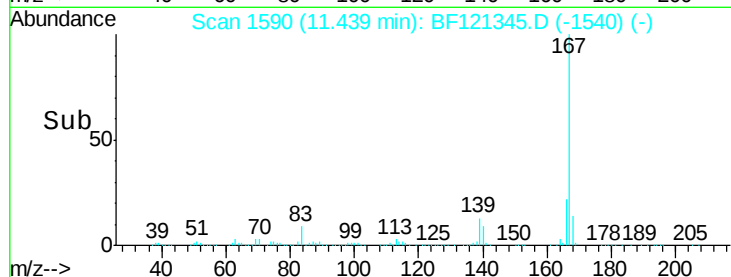
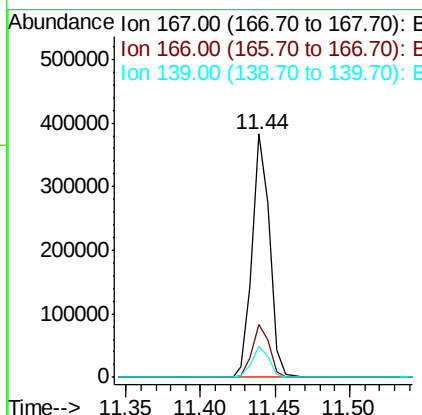
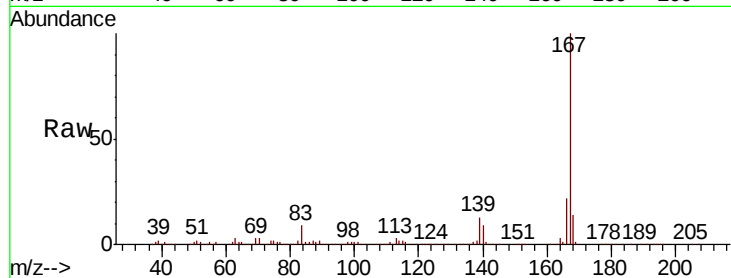




#73
 Carbazole
 Concen: 14.123 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BF121345.D
 Acq: 20 Aug 2020 14:11

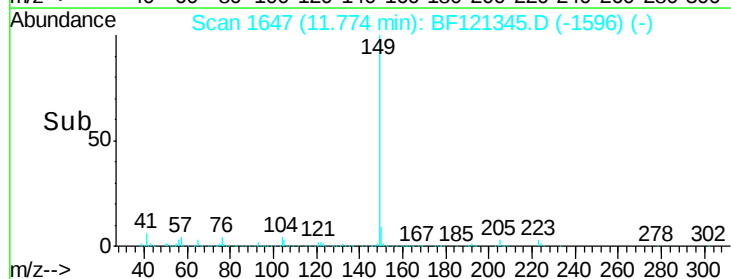
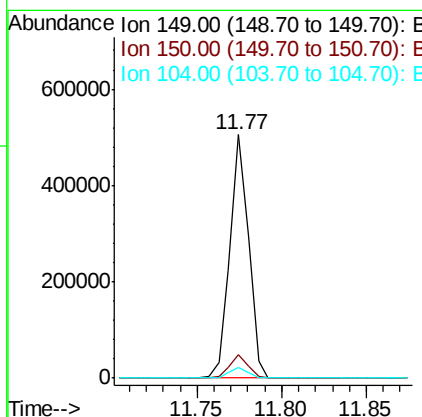
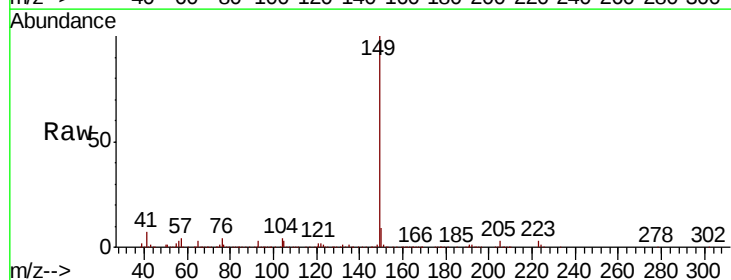
Instrument :
 BNA_F
 ClientSampleId :
 SU-02-081820

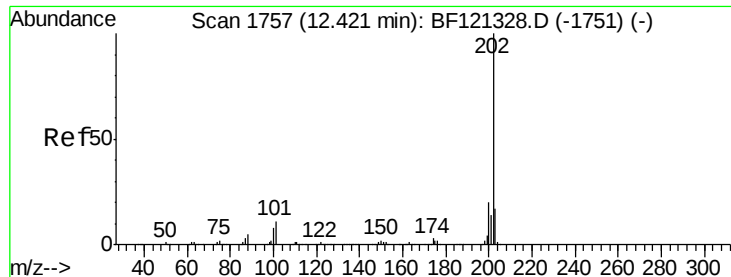
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.7	26.5
139	12.6	10.2	15.2



#74
 Di-n-butylphthalate
 Concen: 14.692 ng
 RT: 11.77 min Scan# 1647
 Delta R.T. 0.00 min
 Lab File: BF121345.D
 Acq: 20 Aug 2020 14:11

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.7	11.5
104	4.4	3.9	5.9





#75

Fluoranthene

Concen: 24.524 ng

RT: 12.42 min Scan# 1757

Delta R.T. 0.00 min

Lab File: BF121345.D

Acq: 20 Aug 2020 14:11

Instrument :

BNA_F

ClientSampleId :

SU-02-081820

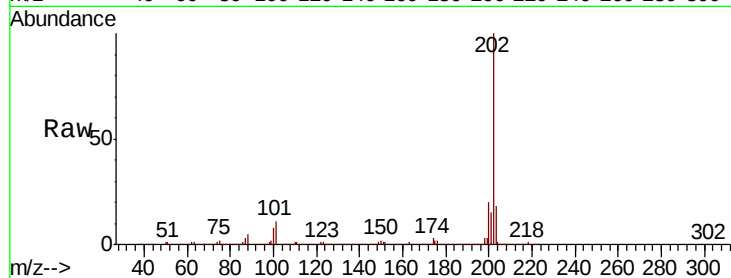
Tot Ion:202 Resp: 628330

Ion Ratio Lower Upper

202 100

101 10.7 0.0 30.6

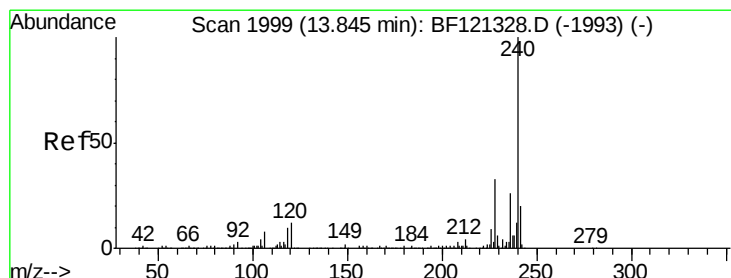
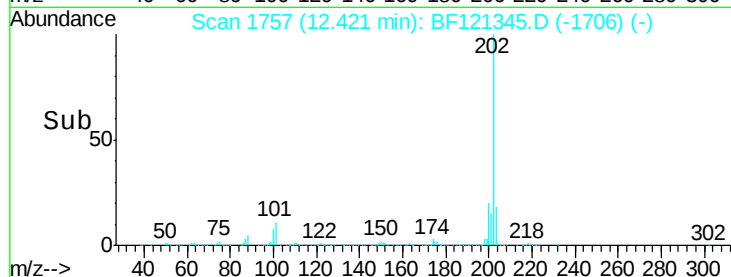
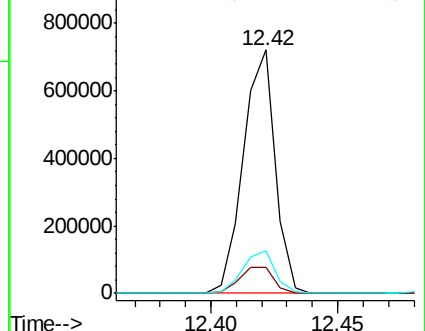
203 17.7 0.0 37.5



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: 13.84 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BF121345.D

Acq: 20 Aug 2020 14:11

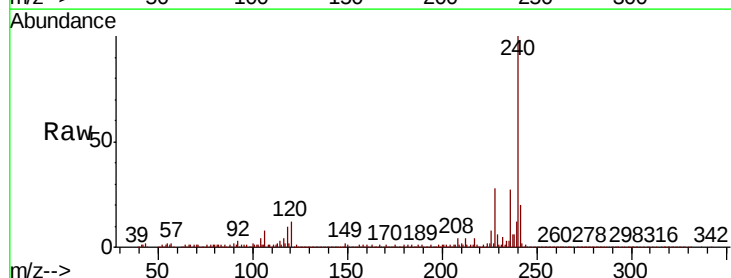
Tgt Ion:240 Resp: 354346

Ion Ratio Lower Upper

240 100

120 12.5 9.6 14.4

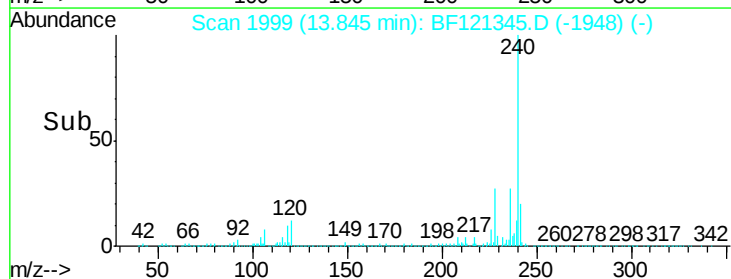
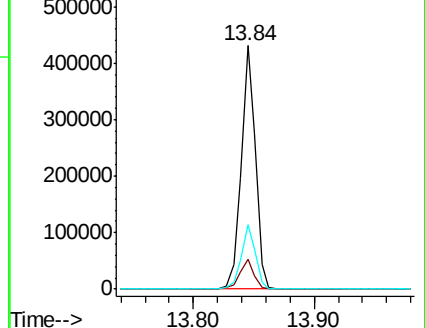
236 26.7 20.6 31.0

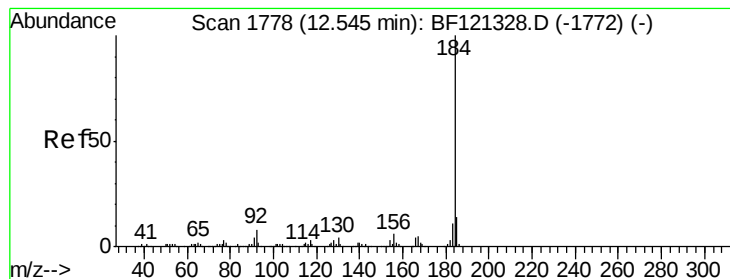


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 18.334 ng

RT: 12.54 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF121345.D

Acq: 20 Aug 2020 14:11

Instrument :

BNA_F

ClientSampleId :

SU-02-081820

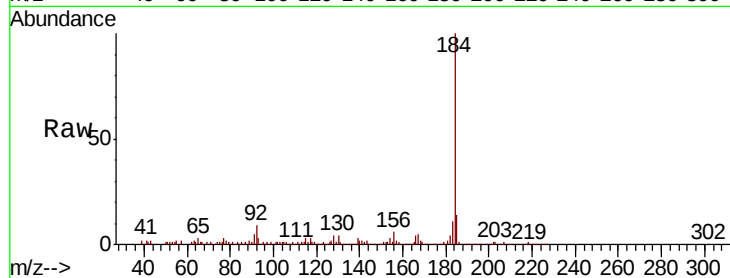
Tot Ion:184 Resp: 178988

Ion Ratio Lower Upper

184 100

185 14.1 11.6 17.4

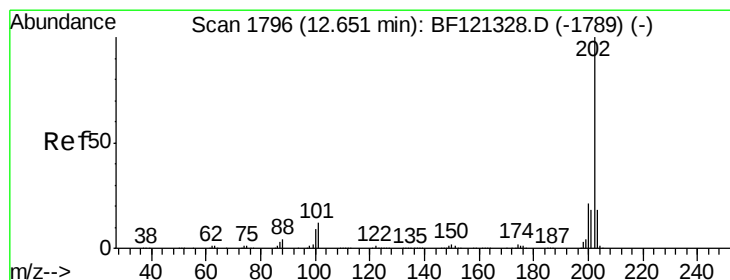
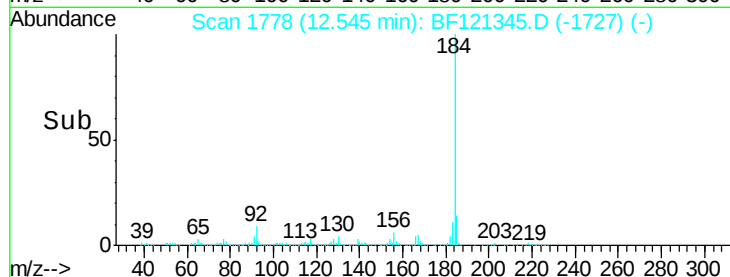
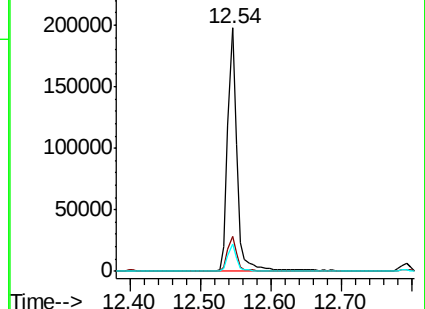
183 11.3 8.7 13.1



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: 23.597 ng

RT: 12.64 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BF121345.D

Acq: 20 Aug 2020 14:11

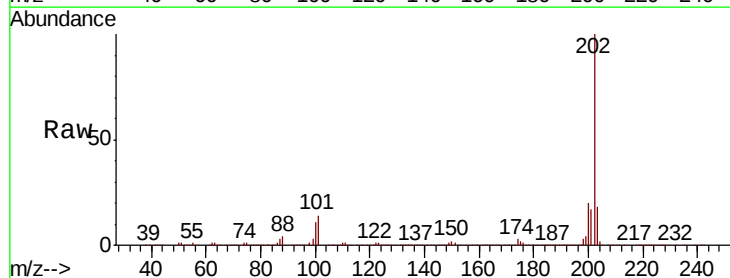
Tgt Ion:202 Resp: 628081

Ion Ratio Lower Upper

202 100

200 20.3 16.6 24.8

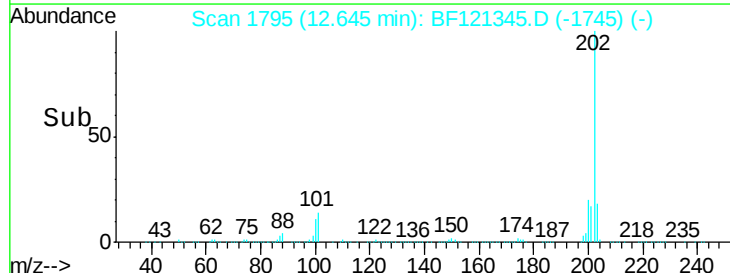
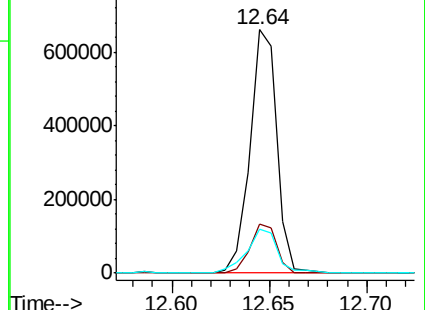
203 18.2 14.2 21.2

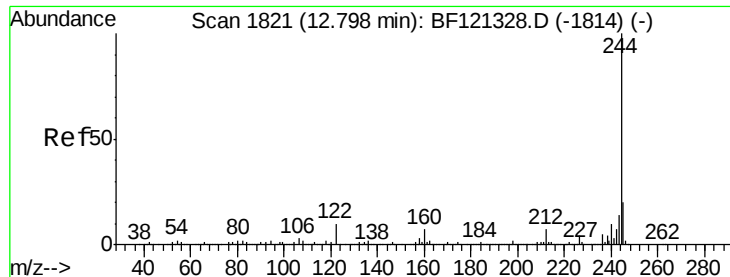


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 22.758 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF121345.D

Acq: 20 Aug 2020 14:11

Instrument :

BNA_F

ClientSampleId :

SU-02-081820

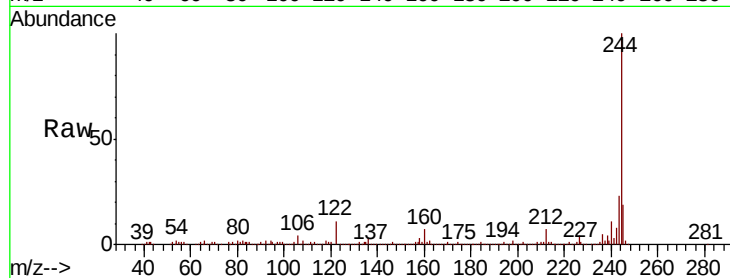
Tot Ion:244 Resp: 412678

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

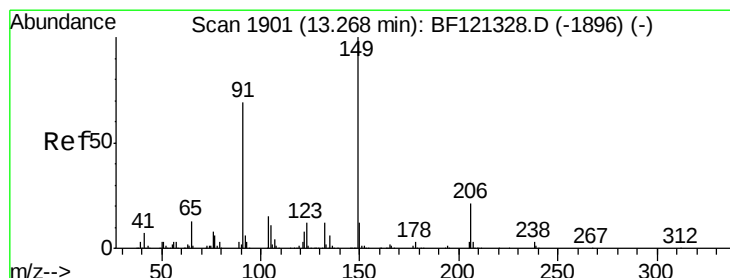
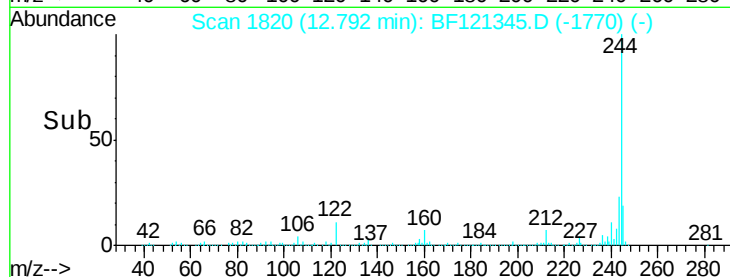
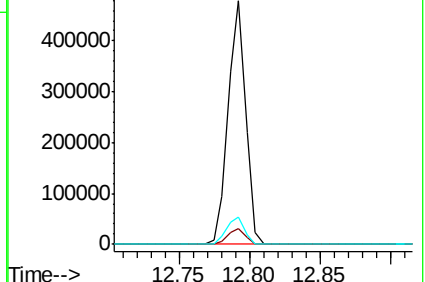
122 11.1 7.8 11.8



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



#80

Butylbenzylphthalate

Concen: 13.274 ng

RT: 13.27 min Scan# 1901

Delta R.T. 0.00 min

Lab File: BF121345.D

Acq: 20 Aug 2020 14:11

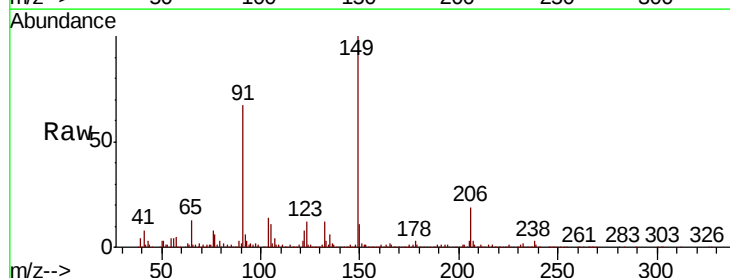
Tgt Ion:149 Resp: 151814

Ion Ratio Lower Upper

149 100

91 67.0 55.2 82.8

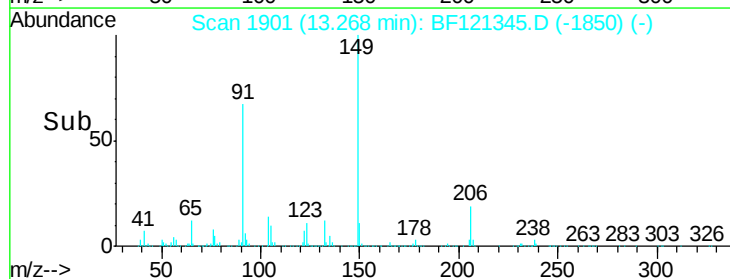
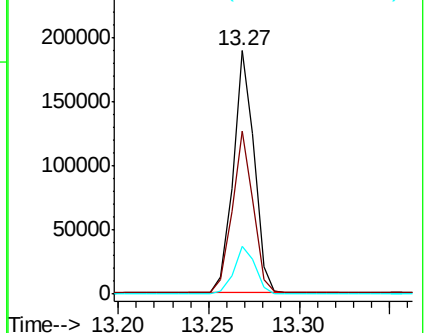
206 19.4 16.8 25.2

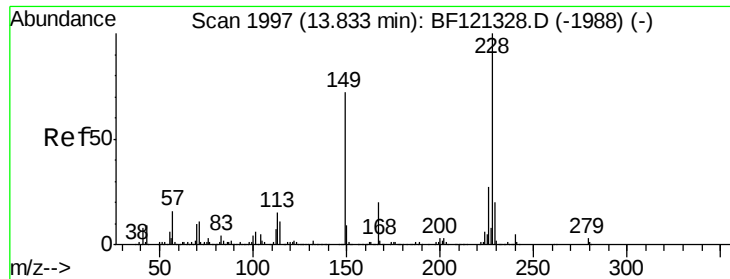


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 19.934 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BF121345.D

Acq: 20 Aug 2020 14:11

Instrument :

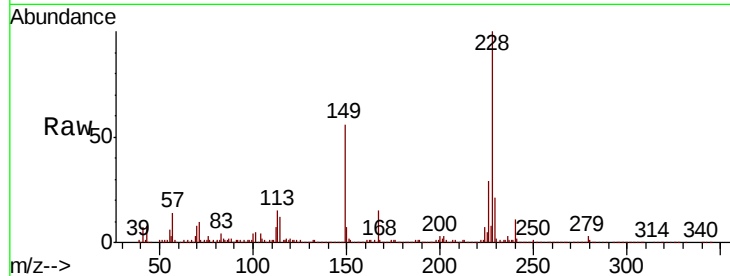
BNA_F

ClientSampleId :

SU-02-081820

Tot Ion:228 Resp: 438727

Ion	Ratio	Lower	Upper
228	100		
226	28.7	21.8	32.6
229	20.6	15.8	23.8

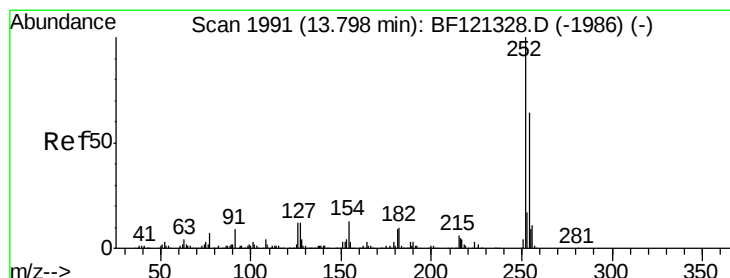
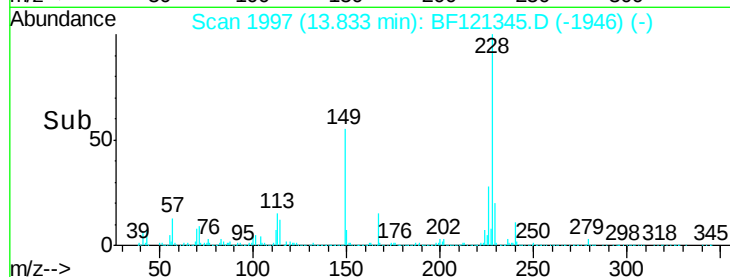
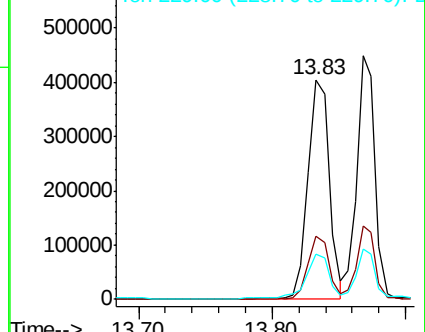


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 13.577 ng

RT: 13.80 min Scan# 1991

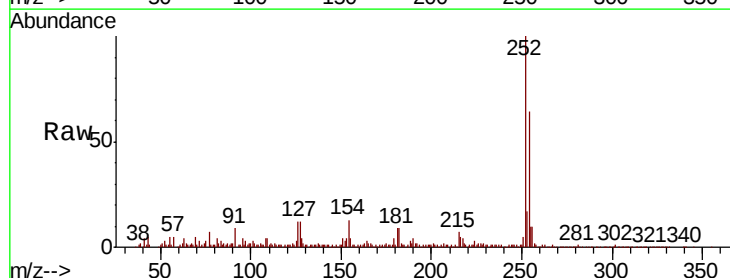
Delta R.T. 0.00 min

Lab File: BF121345.D

Acq: 20 Aug 2020 14:11

Tgt Ion:252 Resp: 114733

Ion	Ratio	Lower	Upper
252	100		
254	63.6	51.5	77.3
126	11.6	9.8	14.8

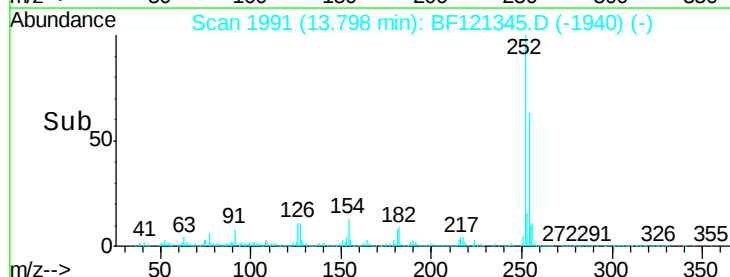
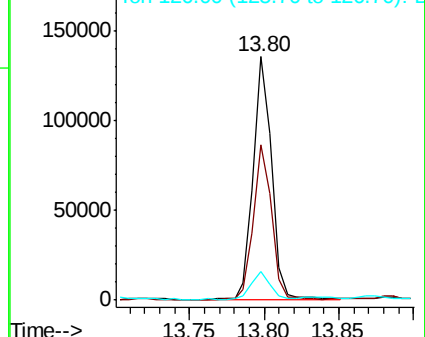


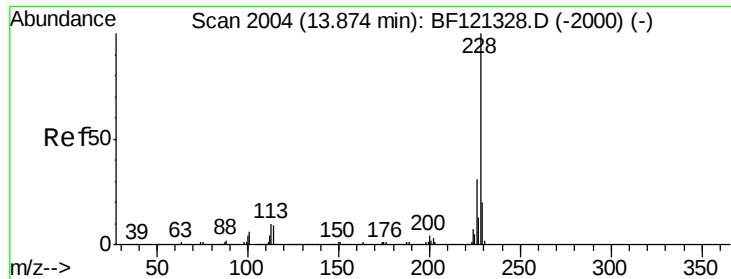
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

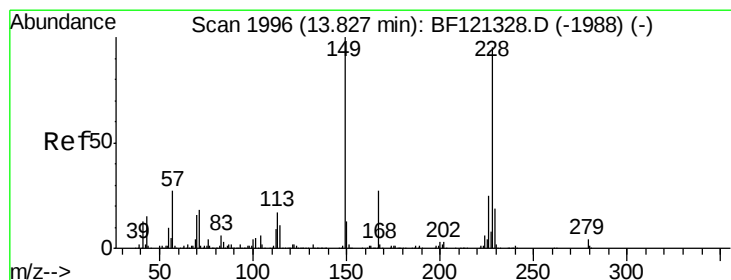
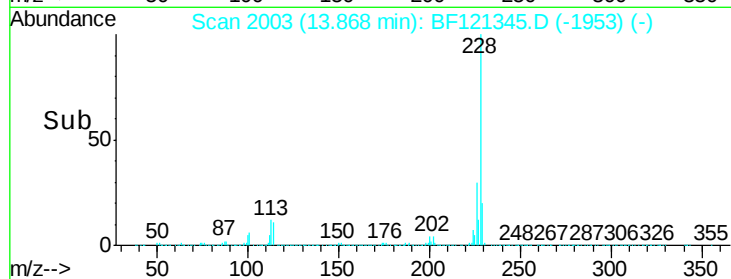
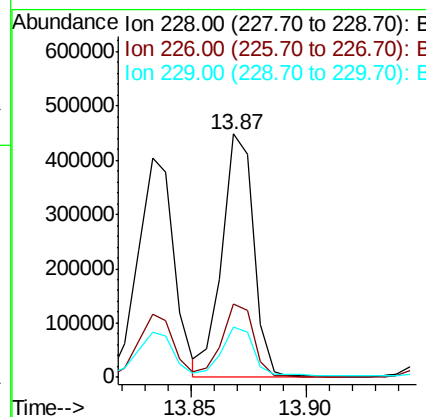
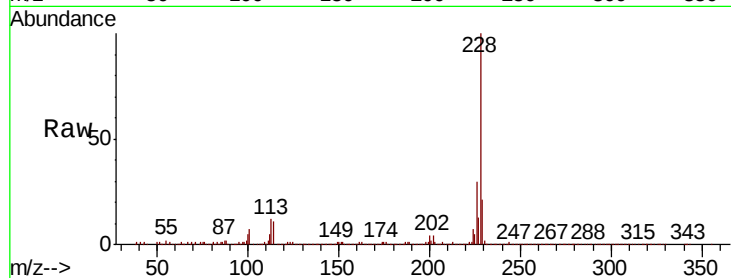




#83
 Chrvsene
 Concen: 18.809 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF121345.D
 Acq: 20 Aug 2020 14:11

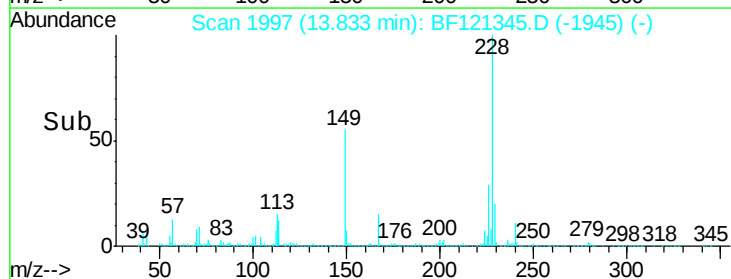
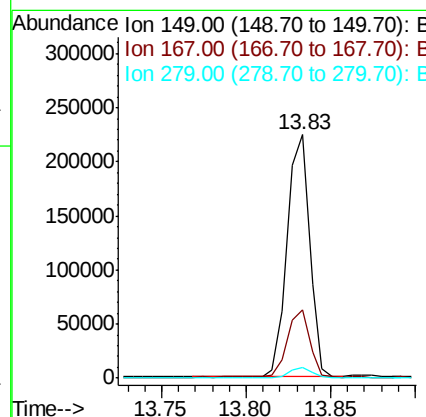
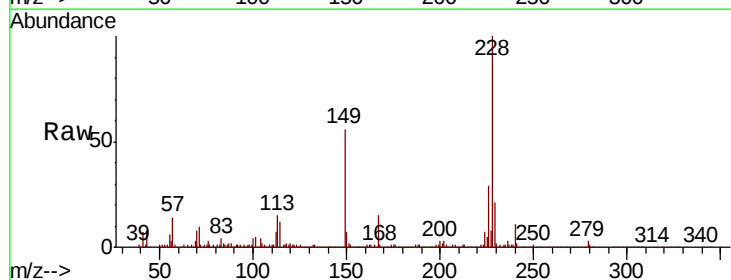
Instrument :
 BNA_F
 ClientSampleId :
 SU-02-081820

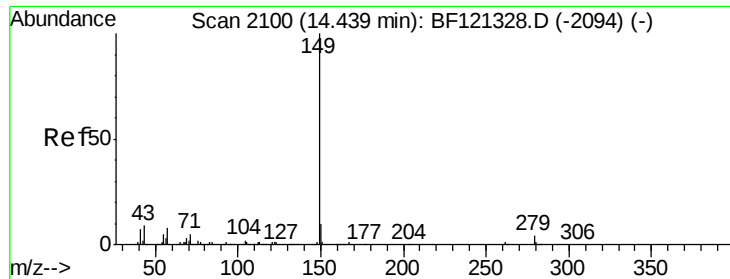
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.6	36.8
229	20.9	15.9	23.9



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 15.265 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. 0.01 min
 Lab File: BF121345.D
 Acq: 20 Aug 2020 14:11

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.8	21.5	32.3
279	4.5	2.9	4.3#

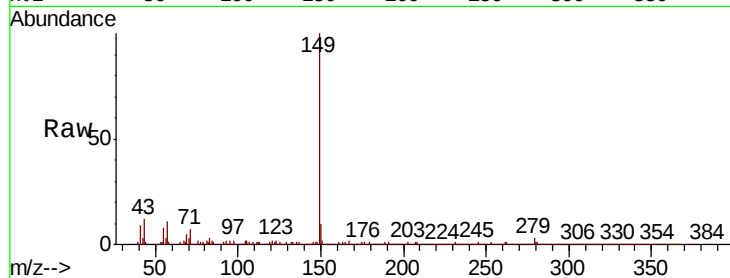




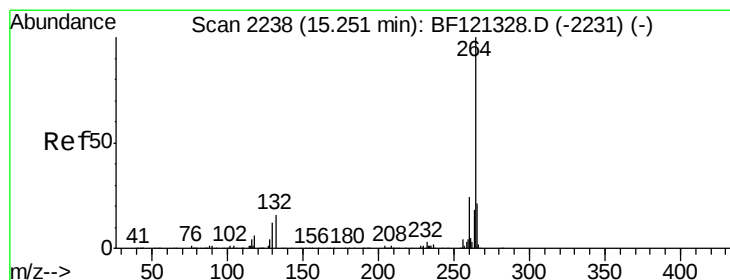
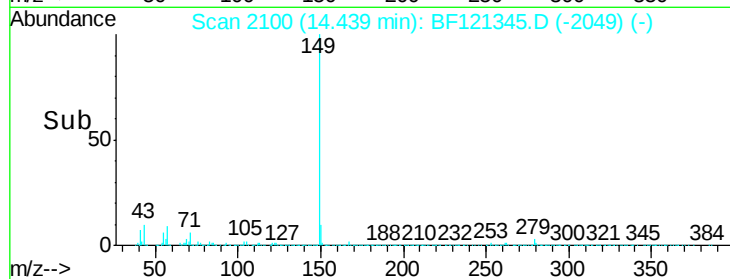
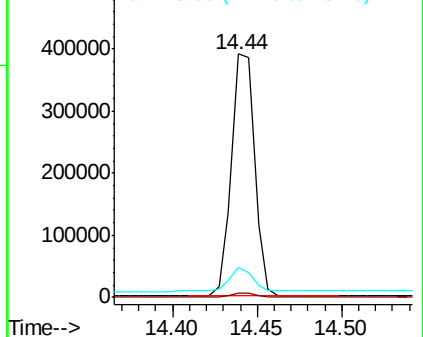
#85
Di-n-octyl phthalate
Concen: 15.044 ng
RT: 14.44 min Scan# 2100
Delta R.T. 0.00 min
Lab File: BF121345.D
Acq: 20 Aug 2020 14:11

Instrument :
BNA_F
ClientSampleId :
SU-02-081820

Tot Ion:149 Resp: 374462
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.7 7.1 10.7#

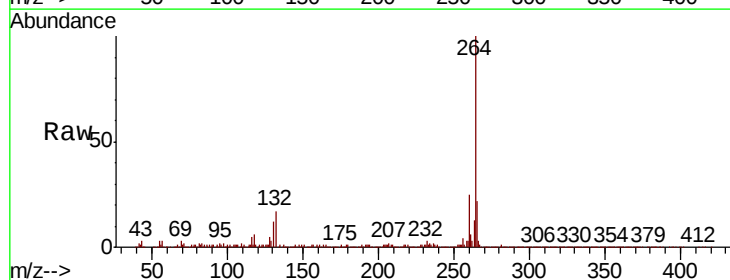


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

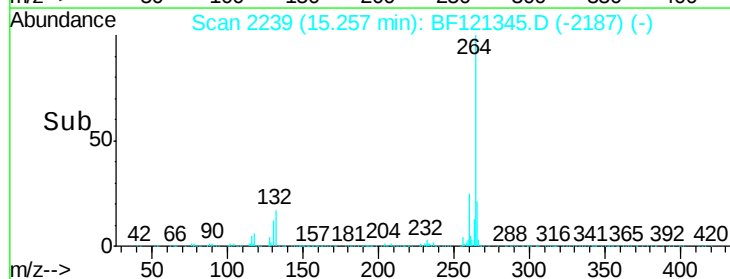
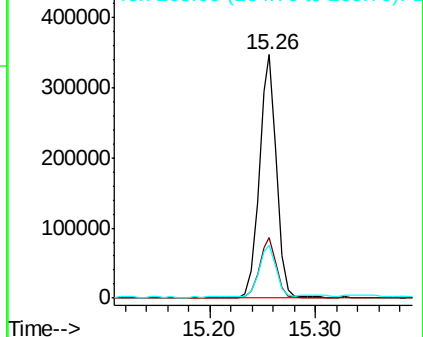


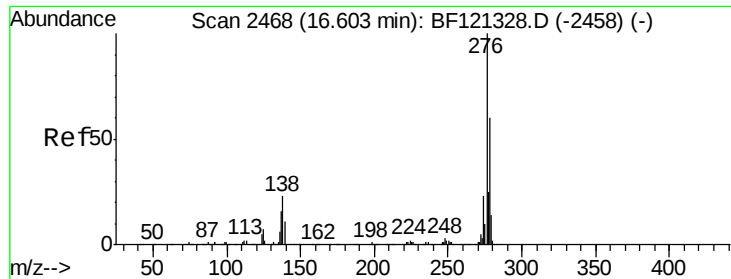
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.01 min
Lab File: BF121345.D
Acq: 20 Aug 2020 14:11

Tgt Ion:264 Resp: 394055
Ion Ratio Lower Upper
264 100
260 25.1 19.5 29.3
265 21.7 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

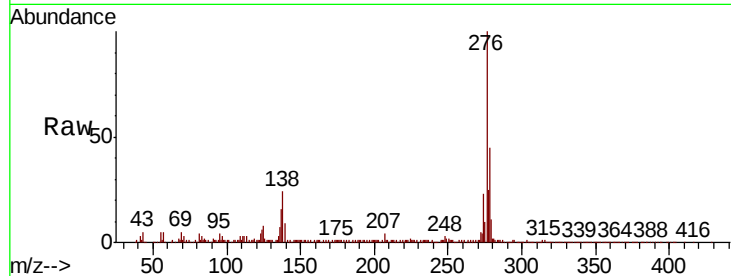




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 14.682 ng
 RT: 16.61 min Scan# 2469
 Delta R.T. 0.01 min
 Lab File: BF121345.D
 Acq: 20 Aug 2020 14:11

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-081820

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.6	19.4	29.0
277	24.9	19.9	29.9

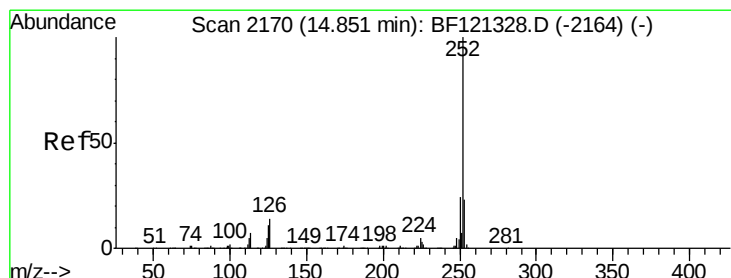
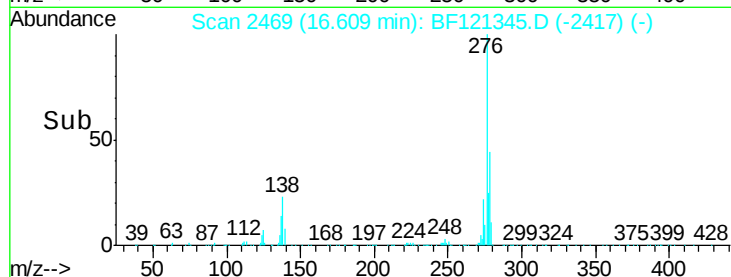
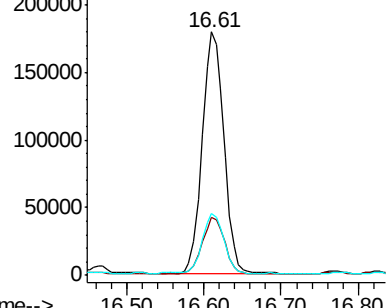


Abundance

Ion 276.00 (275.70 to 276.70): E

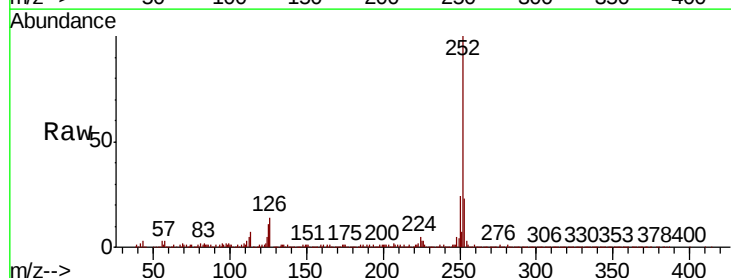
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#88
 Benzo(b)fluoranthene
 Concen: 17.231 ng
 RT: 14.86 min Scan# 2171
 Delta R.T. 0.01 min
 Lab File: BF121345.D
 Acq: 20 Aug 2020 14:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.0	27.0
125	10.9	8.6	12.8

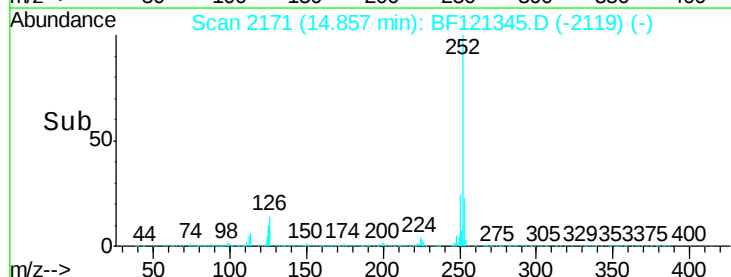
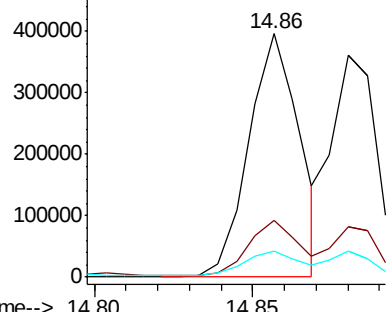


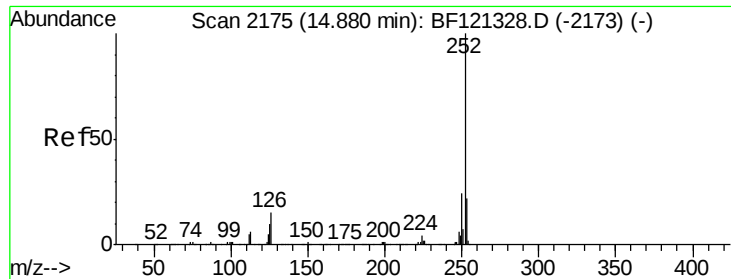
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

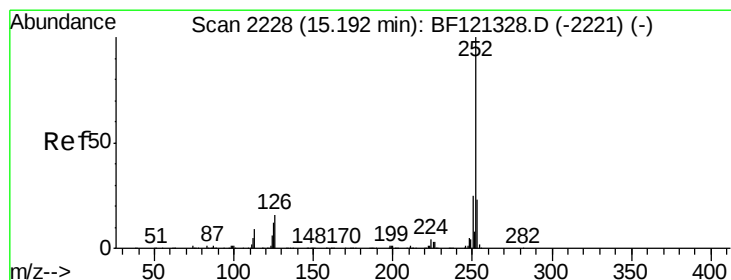
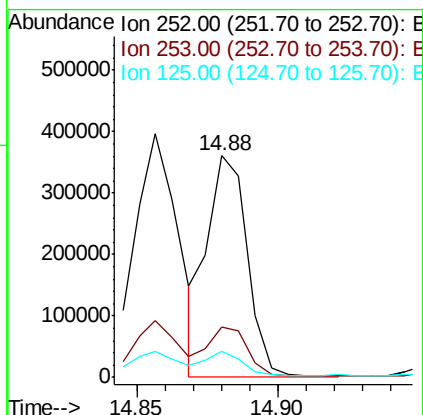
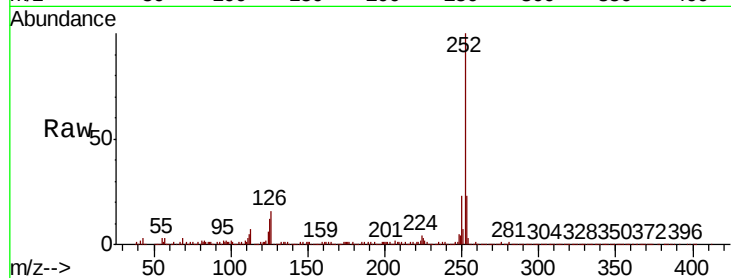




#89
Benzo(k)fluoranthene
Concen: 15.864 ng
RT: 14.88 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BF121345.D
Acq: 20 Aug 2020 14:11

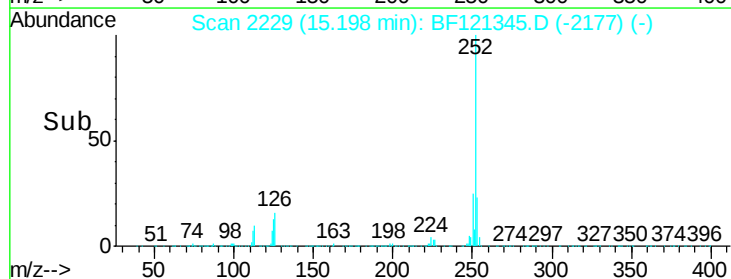
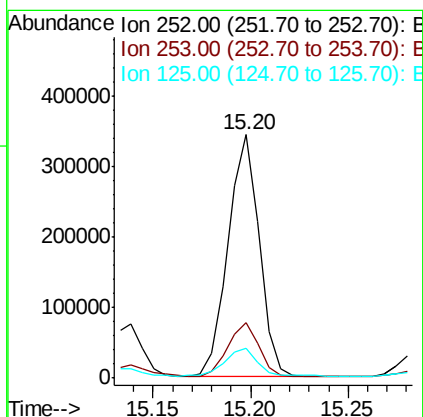
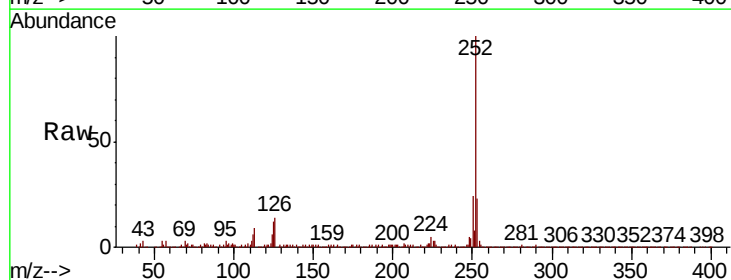
Instrument :
BNA_F
ClientSampleId :
SU-02-081820

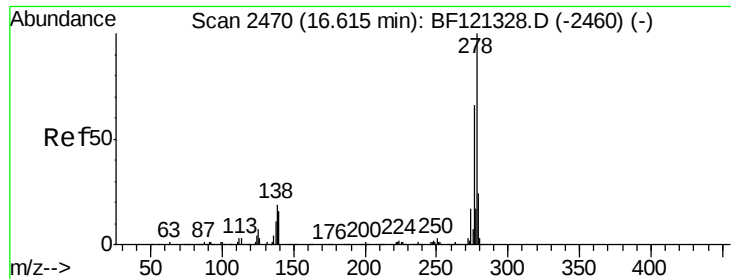
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	11.8	8.6	12.8



#90
Benzo(a)pyrene
Concen: 17.417 ng
RT: 15.20 min Scan# 2229
Delta R.T. 0.01 min
Lab File: BF121345.D
Acq: 20 Aug 2020 14:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	12.0	9.4	14.0

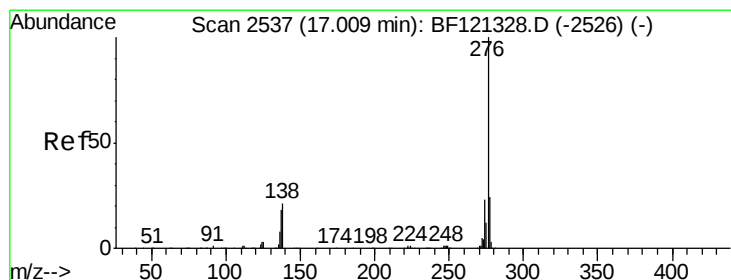
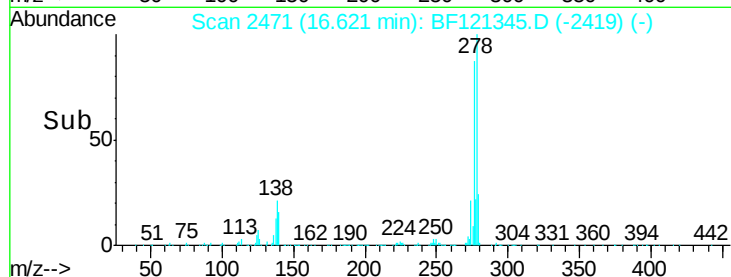
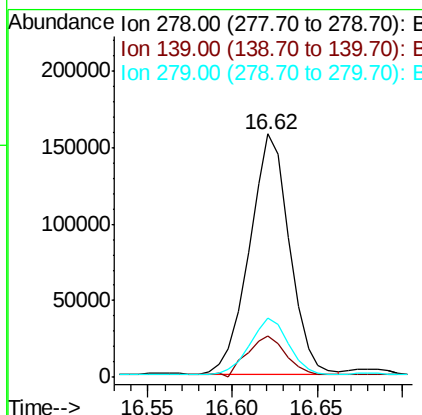
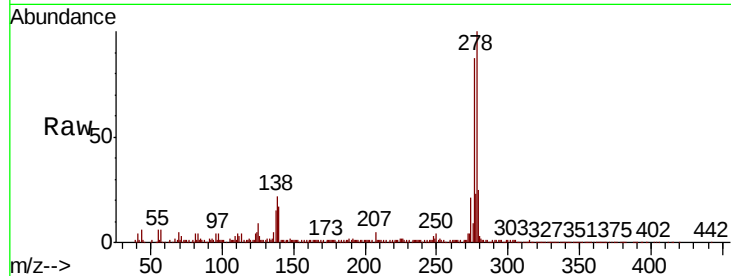




#91
Dibenzo(a,h)anthracene
Concen: 13.033 ng
RT: 16.62 min Scan# 2471
Delta R.T. 0.01 min
Lab File: BF121345.D
Acq: 20 Aug 2020 14:11

Instrument :
BNA_F
ClientSampleId :
SU-02-081820

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.2	13.1	19.7
279	24.6	19.4	29.2



#92
Benzo(g,h,i)perylene
Concen: 15.074 ng
RT: 17.02 min Scan# 2538
Delta R.T. 0.01 min
Lab File: BF121345.D
Acq: 20 Aug 2020 14:11

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.3	28.9
138	21.5	16.8	25.2

