

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090220\
 Data File : BF121517.D
 Acq On : 2 Sep 2020 16:48
 Operator : JU/CG
 Sample : PB131374BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131374BS

Quant Time: Sep 02 18:00:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 17:52:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	310267	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1251094	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	672106	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1303984	20.00	ng	0.00
76) Chrysene-d12	14.01	240	1083456	20.00	ng	0.00
86) Perylene-d12	15.47	264	1149444	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1799341	97.30	ng	0.01
7) Phenol-d6	6.47	99	2370433	91.72	ng	0.00
23) Nitrobenzene-d5	7.41	82	1526541	83.42	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	810699	119.42	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2890319	69.39	ng	0.00
79) Terphenyl-d14	12.96	244	3122118	60.66	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	288041	32.660	ng	99
3) Pyridine	3.46	79	824434	34.328	ng	99
4) n-Nitrosodimethylamine	3.41	42	376202	35.437	ng	97
6) Aniline	6.50	93	943638	30.774	ng	100
8) 2-Chlorophenol	6.63	128	831187	44.285	ng	99
9) Benzaldehyde	6.39	77	559499	47.180	ng	95
10) Phenol	6.49	94	1056596	41.794	ng	98
11) bis(2-Chloroethyl)ether	6.58	93	800437	38.969	ng	100
12) 1,3-Dichlorobenzene	6.79	146	849568	37.594	ng	98
13) 1,4-Dichlorobenzene	6.86	146	859951	37.970	ng	99
14) 1,2-Dichlorobenzene	7.02	146	834998	39.595	ng	99
15) Benzyl Alcohol	6.99	79	696001	41.032	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1113653	36.598	ng	100
17) 2-Methylphenol	7.10	107	663619	40.637	ng	100
18) Hexachloroethane	7.36	117	319065	41.165	ng	94
19) n-Nitroso-di-n-propylamine	7.26	70	566606	39.232	ng	98
20) 3+4-Methylphenols	7.25	107	812155	41.097	ng	91
22) Acetophenone	7.26	105	1064218	34.512	ng	95
24) Nitrobenzene	7.43	77	839026	45.739	ng	99
25) Isophorone	7.67	82	1586174	38.536	ng	98
26) 2-Nitrophenol	7.75	139	412431	51.945	ng	96
27) 2,4-Dimethylphenol	7.78	122	779300	45.649	ng	100
28) bis(2-Chloroethoxy)methane	7.87	93	1030409	36.814	ng	98
29) 2,4-Dichlorophenol	7.99	162	705936	41.880	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	743645	36.014	ng	99
31) Naphthalene	8.15	128	2322717	37.396	ng	100
32) Benzoic acid	7.91	122	532090	49.241	ng	98
33) 4-Chloroaniline	8.20	127	629911	22.770	ng	99
34) Hexachlorobutadiene	8.27	225	433850	35.331	ng	99
35) Caprolactam	8.57	113	135240	24.600	ng	98
36) 4-Chloro-3-methylphenol	8.68	107	726258	40.865	ng	98
37) 2-Methylnaphthalene	8.85	142	1604743	38.996	ng	99
38) 1-Methylnaphthalene	8.94	142	1501945	38.652	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	723021	36.290	ng	98

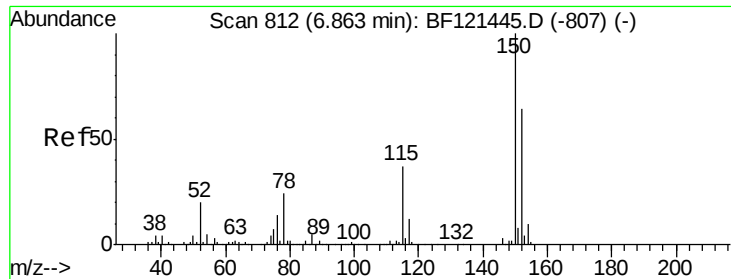
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090220\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 17:52:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	919999	109.808	ng	98
43) 2,4,6-Trichlorophenol	9.12	196	530476	42.126	ng	100
44) 2,4,5-Trichlorophenol	9.16	196	542868	43.596	ng	98
46) 1,1'-Biphenyl	9.30	154	1922236	37.901	ng	98
47) 2-Chloronaphthalene	9.33	162	1473189	35.339	ng	97
48) 2-Nitroaniline	9.43	65	452208	39.943	ng	93
49) Acenaphthylene	9.75	152	2361012	37.759	ng	100
50) Dimethylphthalate	9.61	163	1764214	38.213	ng	100
51) 2,6-Dinitrotoluene	9.67	165	391653	45.630	ng	92
52) Acenaphthene	9.92	154	1631775	41.328	ng	99
53) 3-Nitroaniline	9.83	138	270140	27.173	ng	97
54) 2,4-Dinitrophenol	9.95	184	390405	88.686	ng	94
55) Dibenzofuran	10.09	168	2153159	37.541	ng	99
56) 4-Nitrophenol	10.00	139	725756	81.278	ng	98
57) 2,4-Dinitrotoluene	10.07	165	517658	48.508	ng	98
58) Fluorene	10.43	166	1645852	38.067	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	474895	45.807	ng	100
60) Diethylphthalate	10.31	149	1791234	38.618	ng	100
61) 4-Chlorophenyl-phenylether	10.43	204	813778	37.565	ng	99
62) 4-Nitroaniline	10.45	138	417621	38.056	ng	99
63) Azobenzene	10.59	77	1700997	37.084	ng	99
65) 4,6-Dinitro-2-methylphenol	10.48	198	263481	60.025	ng	99
66) n-Nitrosodiphenylamine	10.54	169	1533370	37.180	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	526638	36.712	ng	97
68) Hexachlorobenzene	10.98	284	615660	36.702	ng	99
69) Atrazine	11.07	200	392146	32.786	ng	99
70) Pentachlorophenol	11.17	266	707889	92.371	ng	98
71) Phenanthrene	11.40	178	2404635	35.934	ng	100
72) Anthracene	11.44	178	2471937	37.558	ng	100
73) Carbazole	11.60	167	2347528	36.988	ng	99
74) Di-n-butylphthalate	11.93	149	2742008	38.891	ng	100
75) Fluoranthene	12.58	202	2703379	37.484	ng	97
77) Benzidine	12.70	184	1524180	64.503	ng	99
78) Pyrene	12.81	202	2761373	35.687	ng	99
80) Butylbenzylphthalate	13.43	149	1258185	42.207	ng	100
81) Benzo(a)anthracene	14.00	228	2342555	35.418	ng	100
82) 3,3'-Dichlorobenzidine	13.96	252	669816	27.649	ng	97
83) Chrysene	14.04	228	2402703	36.311	ng	100
84) Bis(2-ethylhexyl)phthalate	13.99	149	1639794	42.591	ng	100
85) Di-n-octyl phthalate	14.60	149	3002749	46.021	ng	100
87) Indeno(1,2,3-cd)pyrene	16.94	276	2621610	37.069	ng	100
88) Benzo(b)fluoranthene	15.05	252	2694074	36.031	ng	100
89) Benzo(k)fluoranthene	15.08	252	2402509	34.545	ng	99
90) Benzo(a)pyrene	15.42	252	2312779	34.399	ng	99
91) Dibenzo(a,h)anthracene	16.96	278	2149925	37.137	ng	99
92) Benzo(g,h,i)perylene	17.37	276	2126520	38.132	ng	100

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

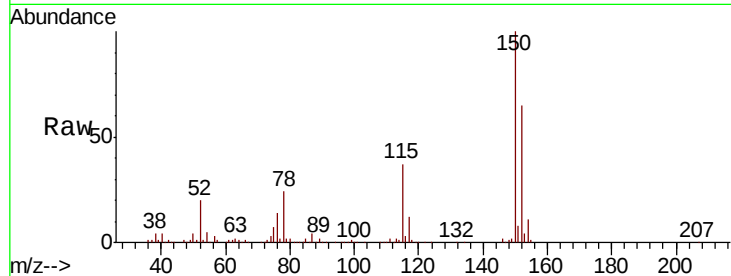


#1

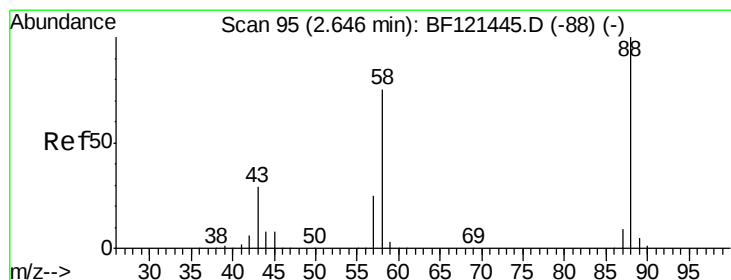
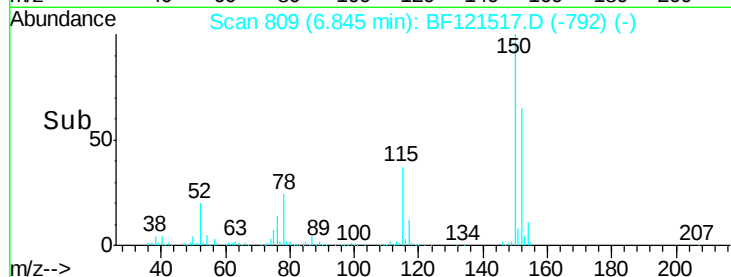
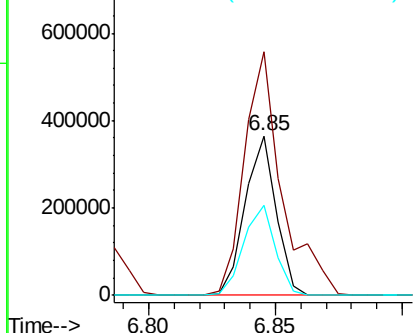
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF121517.D
Acq: 2 Sep 2020 16:48

Instrument :
BNA_F
ClientSampleId :
PB131374BS

Tot Ion:152 Resp: 310267
Ion Ratio Lower Upper
152 100
150 152.9 126.1 189.1
115 56.4 48.4 72.6



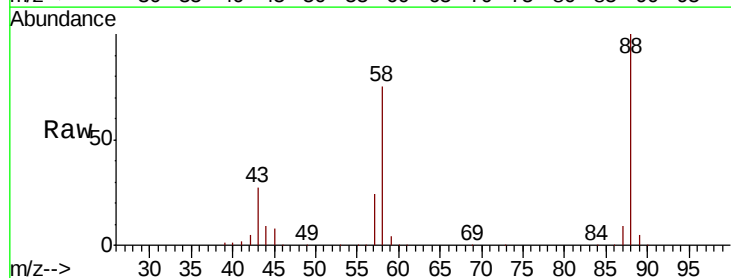
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



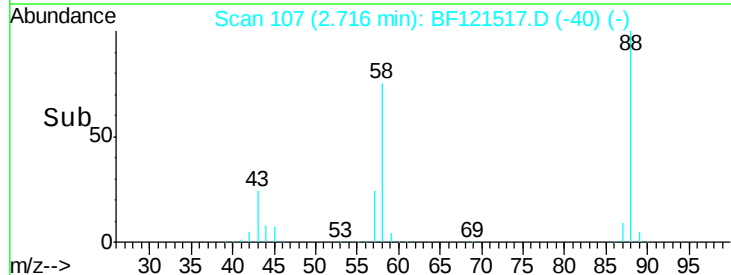
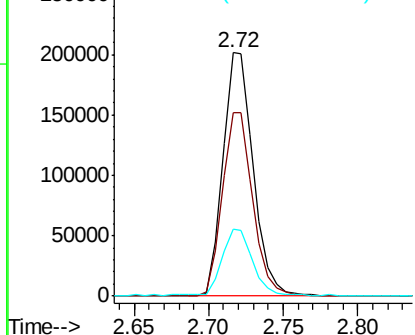
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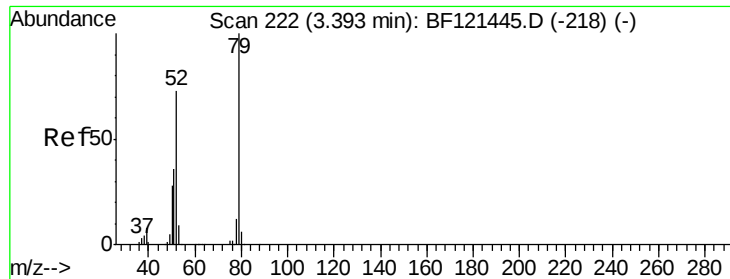
1,4-Dioxane
Concen: 32.660 ng
RT: 2.72 min Scan# 107
Delta R.T. 0.09 min
Lab File: BF121517.D
Acq: 2 Sep 2020 16:48

Tgt Ion: 88 Resp: 288041
Ion Ratio Lower Upper
88 100
58 75.9 59.6 89.4
43 26.9 21.9 32.9



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

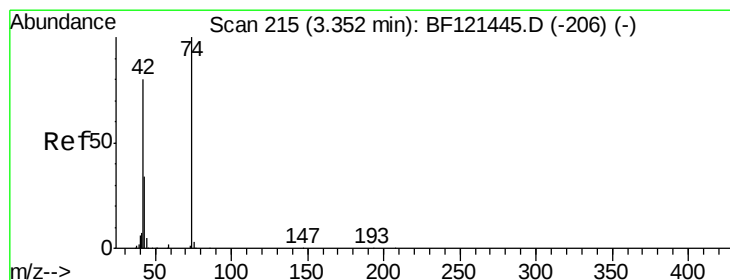
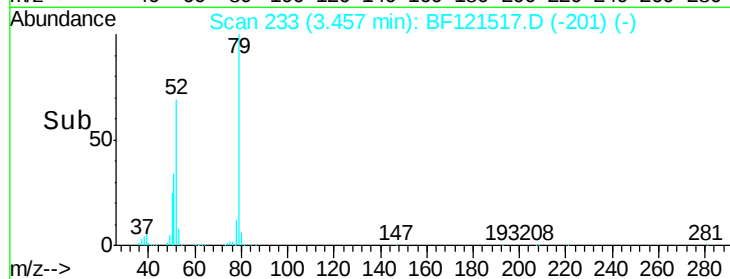
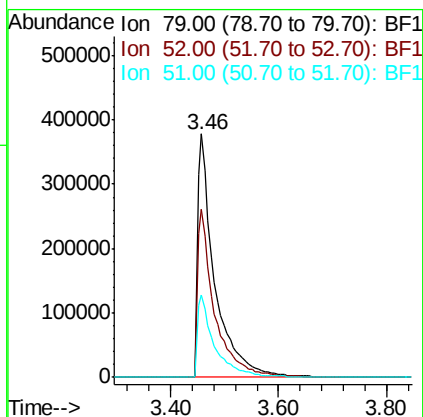
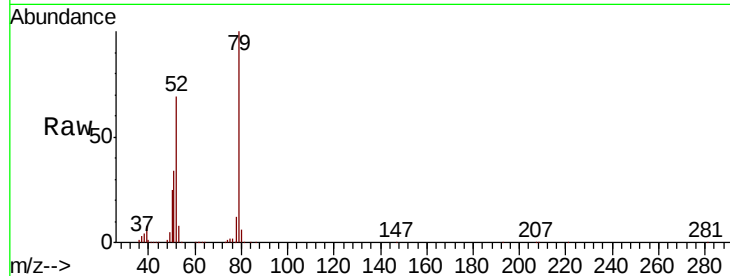




#3
 Pvrindine
 Concen: 34.328 ng
 RT: 3.46 min Scan# 233
 Delta R.T. 0.09 min
 Lab File: BF121517.D
 Acq: 2 Sep 2020 16:48

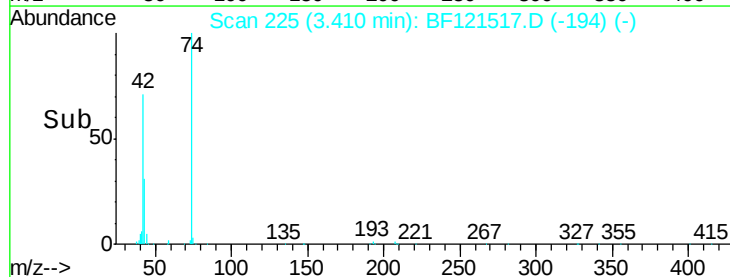
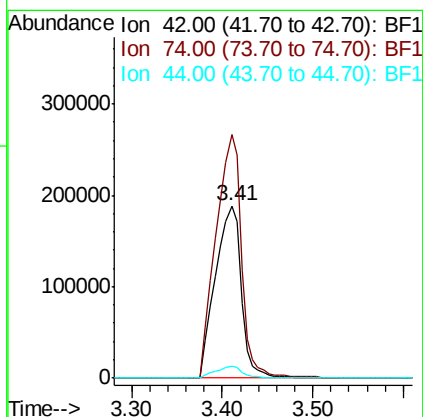
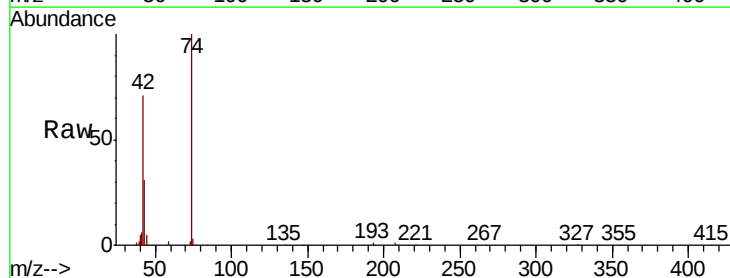
Instrument :
 BNA_F
 ClientSampleId :
 PB131374BS

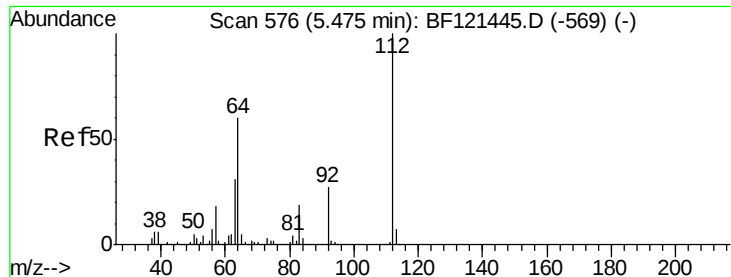
Tot Ion: 79 Resp: 824434
 Ion Ratio Lower Upper
 79 100
 52 69.1 56.5 84.7
 51 34.1 27.6 41.4



#4
 n-Nitrosodimethylamine
 Concen: 35.437 ng
 RT: 3.41 min Scan# 225
 Delta R.T. 0.08 min
 Lab File: BF121517.D
 Acq: 2 Sep 2020 16:48

Tgt Ion: 42 Resp: 376202
 Ion Ratio Lower Upper
 42 100
 74 141.2 110.3 165.5
 44 7.1 5.4 8.2





#5

2-Fluorophenol

Concen: 97.298 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF121517.D

Acq: 2 Sep 2020 16:48

Instrument :

BNA_F

ClientSampleId :

PB131374BS

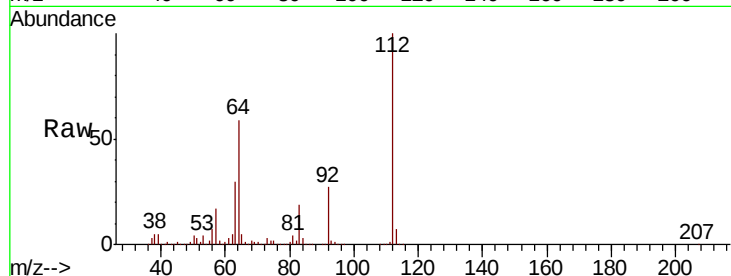
Tot Ion:112 Resp: 1799341

Ion Ratio Lower Upper

112 100

64 58.7 46.0 69.0

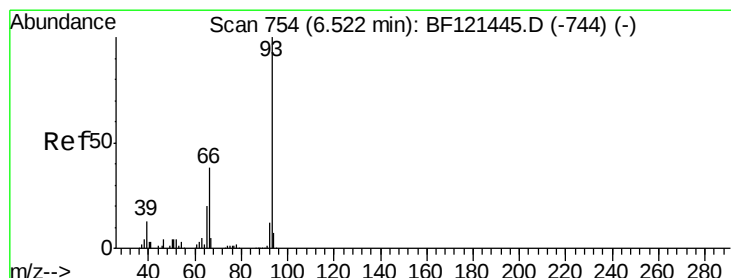
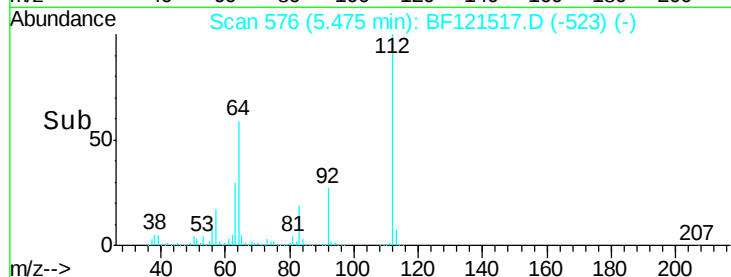
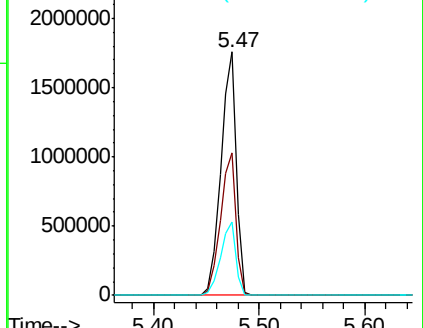
63 29.9 23.4 35.2



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: 30.774 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF121517.D

Acq: 2 Sep 2020 16:48

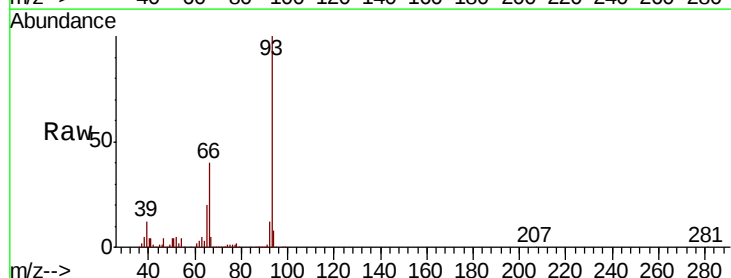
Tgt Ion: 93 Resp: 943638

Ion Ratio Lower Upper

93 100

66 39.5 31.5 47.3

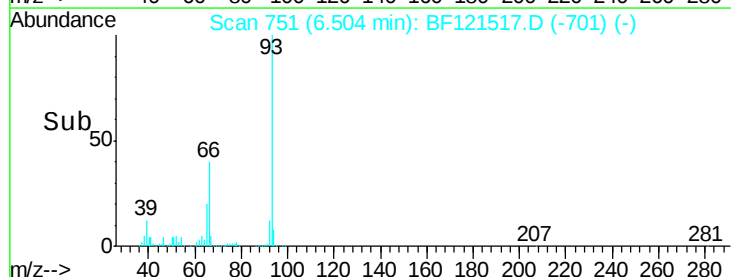
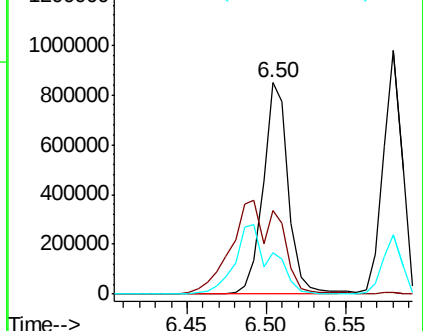
65 19.7 15.8 23.8

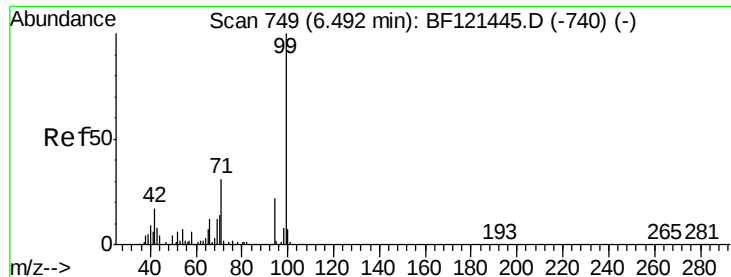


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 91.722 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF121517.D

Acq: 2 Sep 2020 16:48

Instrument :

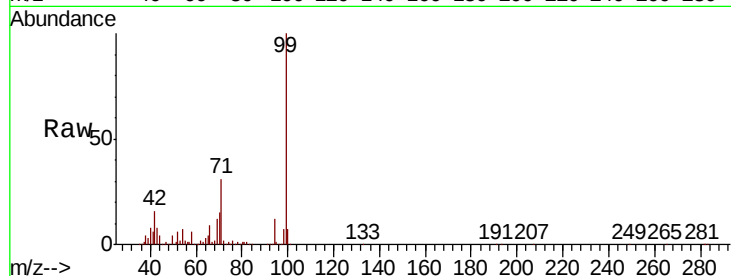
BNA_F

ClientSampleId :

PB131374BS

Tot Ion: 99 Resp: 2370433

Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.0	19.4
71	31.4	24.8	37.2

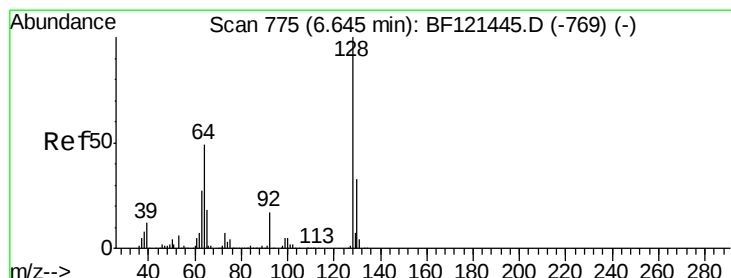
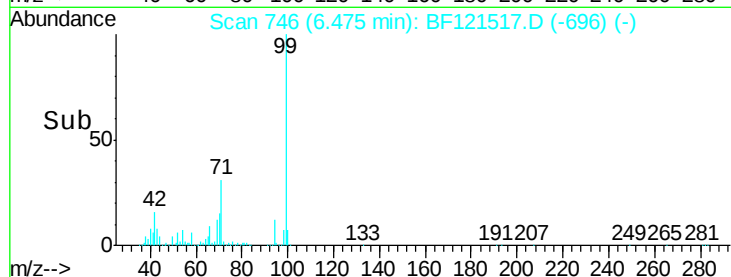
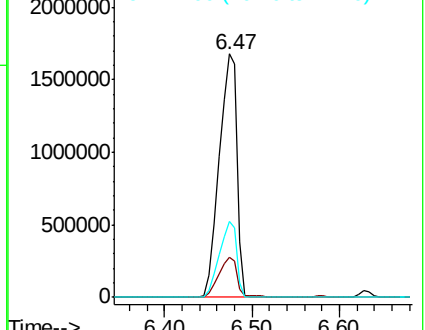


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 44.285 ng

RT: 6.63 min Scan# 772

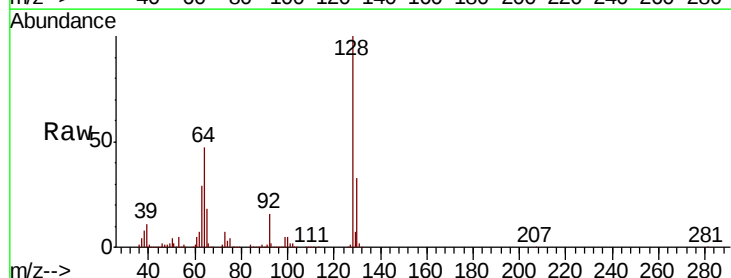
Delta R.T. -0.01 min

Lab File: BF121517.D

Acq: 2 Sep 2020 16:48

Tgt Ion: 128 Resp: 831187

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.9	52.9
64	47.3	26.4	66.4

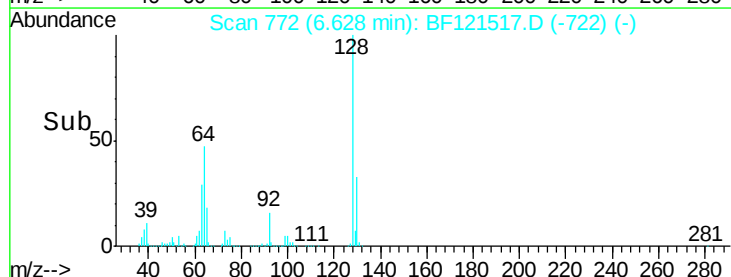
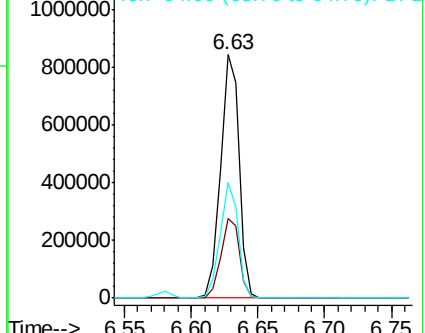


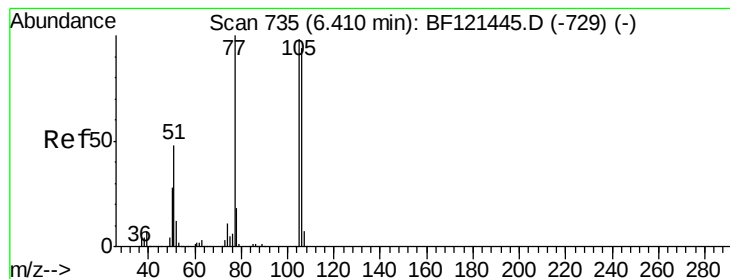
Abundance

Ion 128.00 (127.70 to 128.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 47.180 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF121517.D

Acq: 2 Sep 2020 16:48

Instrument :

BNA_F

ClientSampleId :

PB131374BS

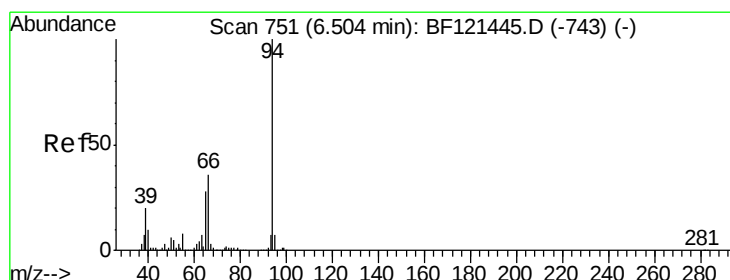
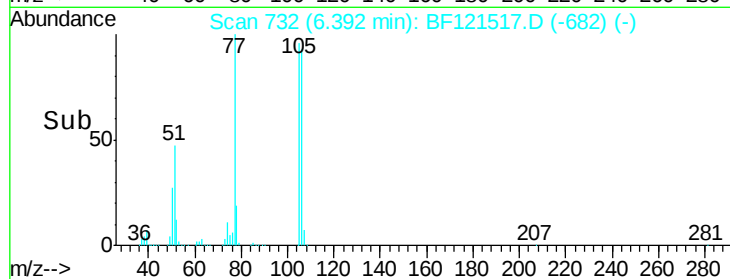
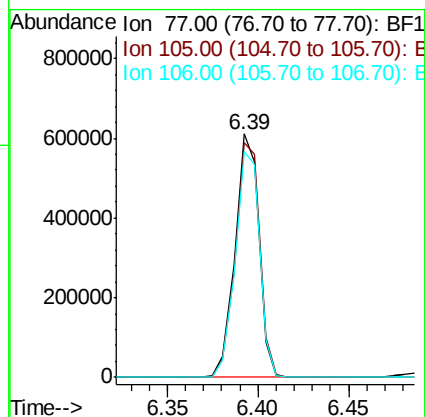
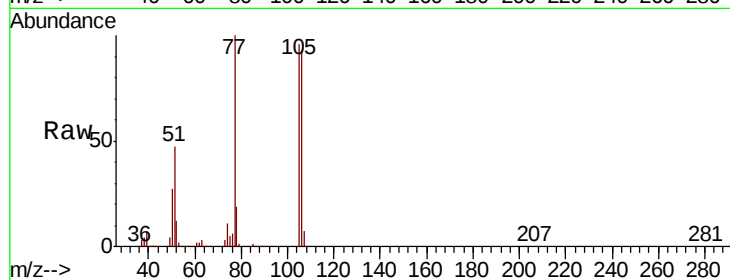
Tot Ion: 77 Resp: 559499

Ion Ratio Lower Upper

77 100

105 96.2 82.1 122.1

106 92.8 77.8 117.8



#10

Phenol

Concen: 41.794 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF121517.D

Acq: 2 Sep 2020 16:48

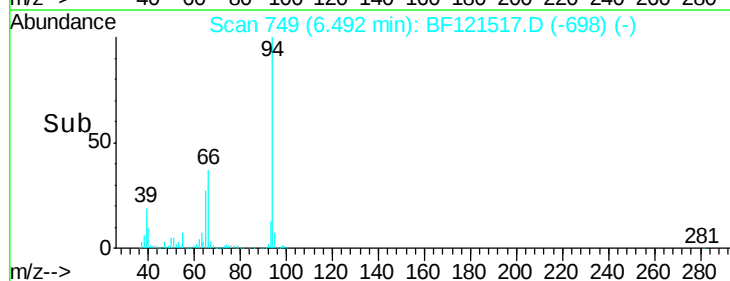
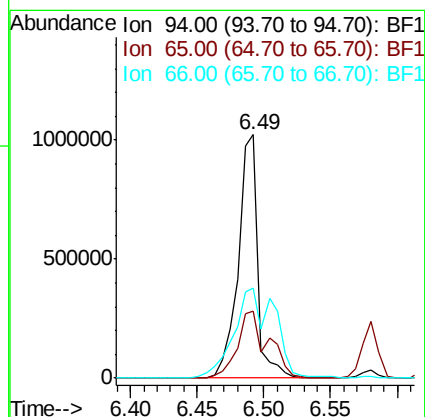
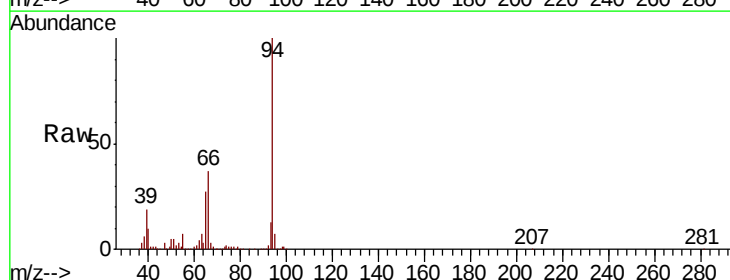
Tgt Ion: 94 Resp: 1056596

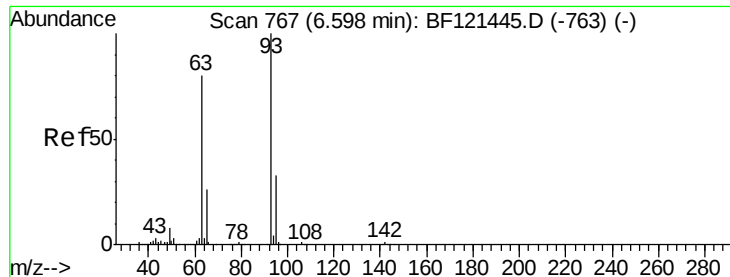
Ion Ratio Lower Upper

94 100

65 27.5 8.8 48.8

66 37.0 18.4 58.4





#11

bis(2-Chloroethyl)ether

Concen: 38.969 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF121517.D

Acq: 2 Sep 2020 16:48

Instrument :

BNA_F

ClientSampleId :

PB131374BS

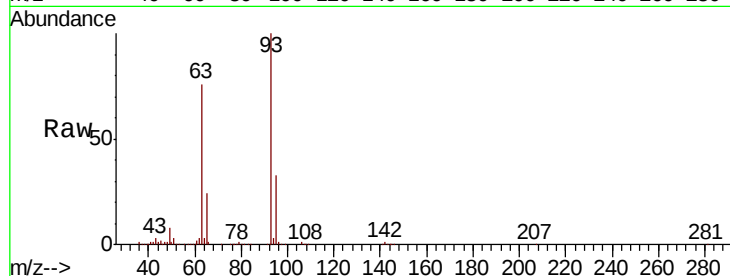
Tot Ion: 93 Resp: 800437

Ion Ratio Lower Upper

93 100

63 76.1 56.4 96.4

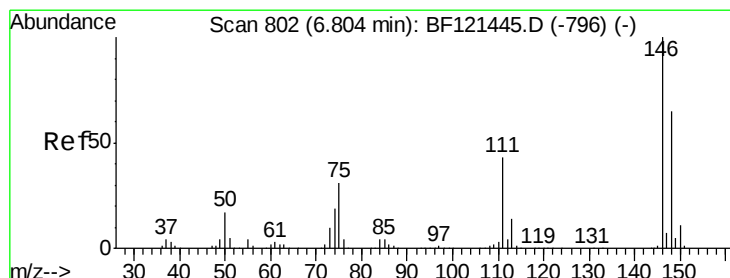
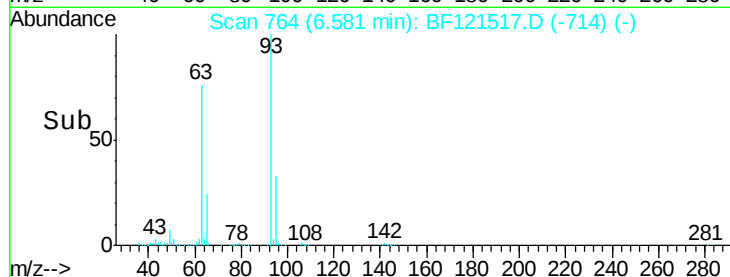
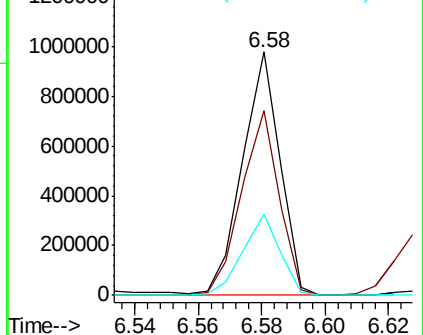
95 33.1 13.3 53.3



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 37.594 ng

RT: 6.79 min Scan# 799

Delta R.T. -0.00 min

Lab File: BF121517.D

Acq: 2 Sep 2020 16:48

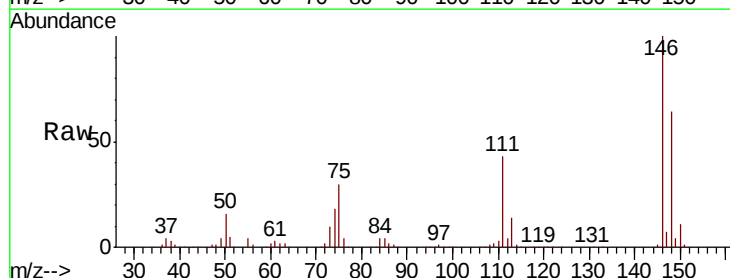
Tgt Ion: 146 Resp: 849568

Ion Ratio Lower Upper

146 100

148 64.2 51.7 77.5

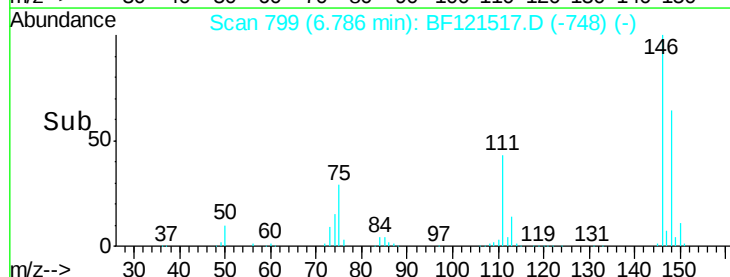
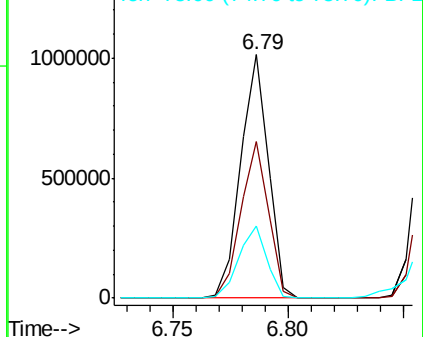
75 29.7 25.5 38.3

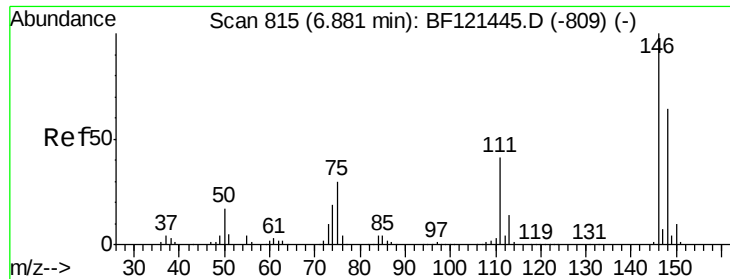


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

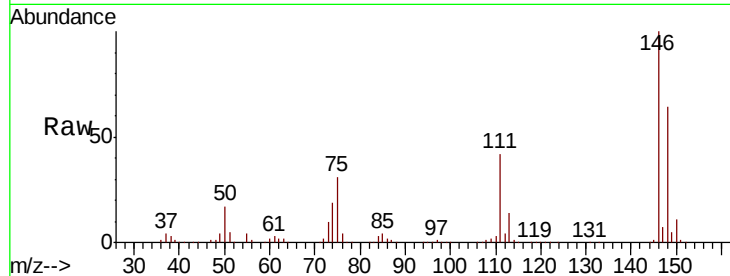




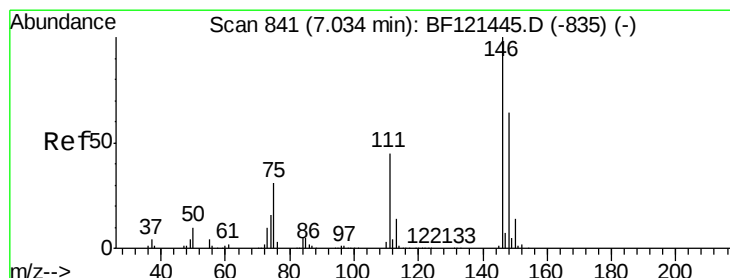
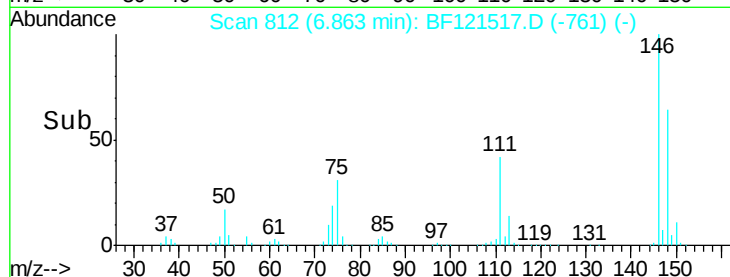
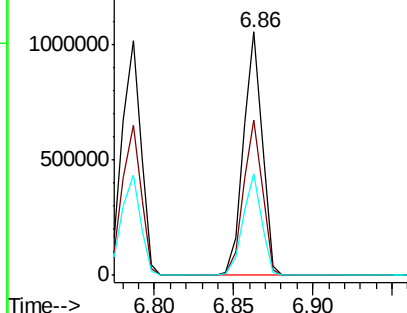
#13
 1,4-Dichlorobenzene
 Concen: 37.970 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF121517.D
 Acq: 2 Sep 2020 16:48

Instrument :
 BNA_F
 ClientSampleId :
 PB131374BS

Tot Ion:146 Resp: 859951
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.0 76.4
 111 41.9 33.9 50.9

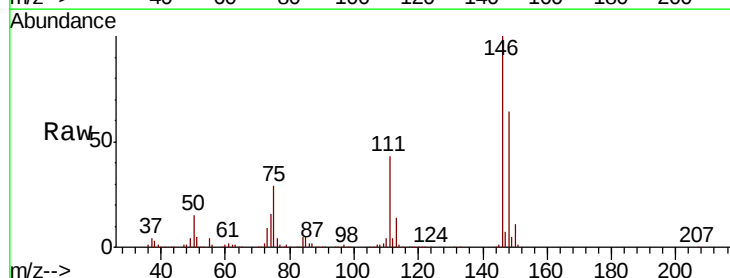


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

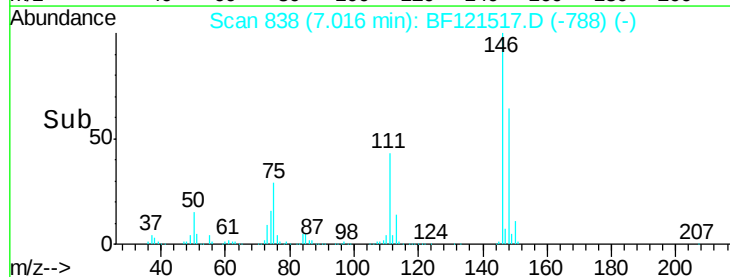
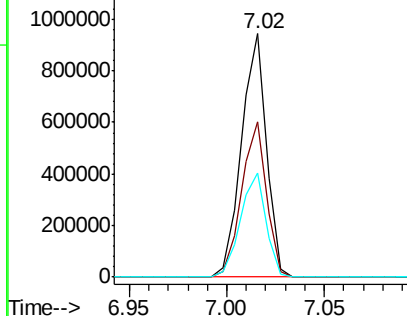


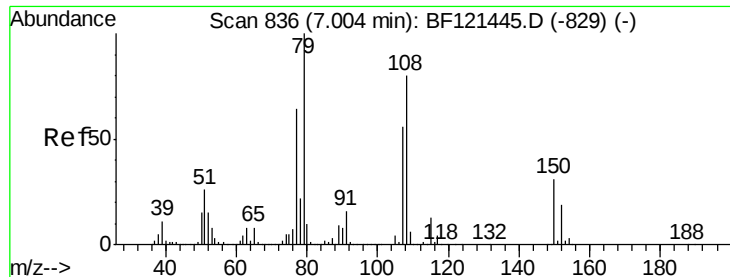
#14
 1,2-Dichlorobenzene
 Concen: 39.595 ng
 RT: 7.02 min Scan# 838
 Delta R.T. -0.01 min
 Lab File: BF121517.D
 Acq: 2 Sep 2020 16:48

Tgt Ion:146 Resp: 834998
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.9 77.9
 111 42.7 33.9 50.9



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





#15

Benzyl Alcohol

Concen: 41.032 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF121517.D

Acq: 2 Sep 2020 16:48

Instrument :

BNA_F

ClientSampleId :

PB131374BS

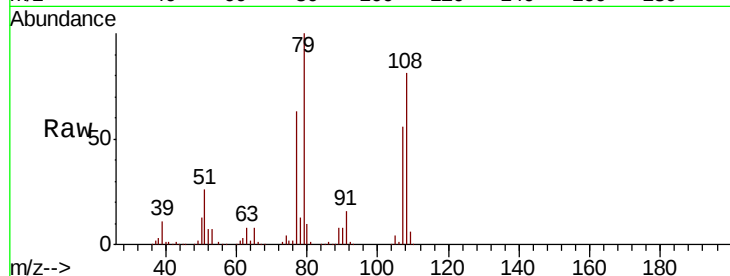
Tot Ion: 79 Resp: 696001

Ion Ratio Lower Upper

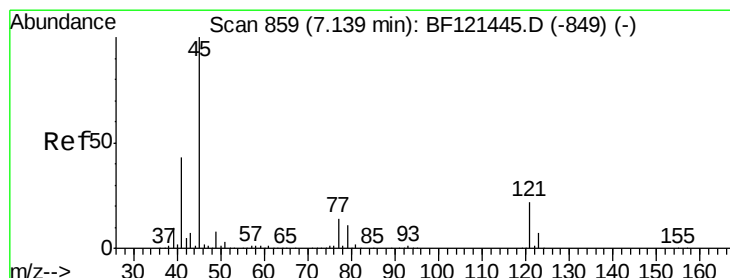
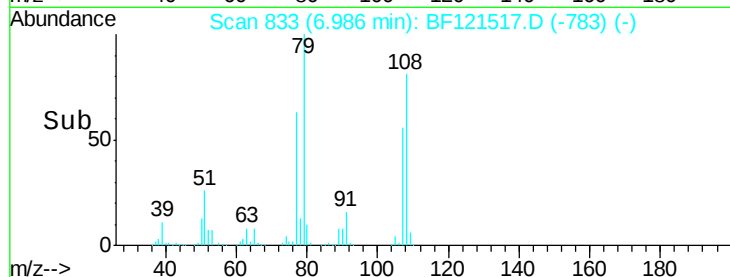
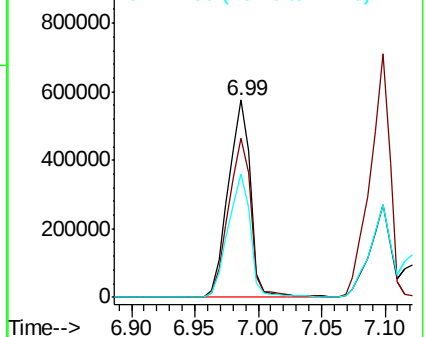
79 100

108 80.5 66.9 100.3

77 62.7 49.8 74.8



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: 36.598 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.00 min

Lab File: BF121517.D

Acq: 2 Sep 2020 16:48

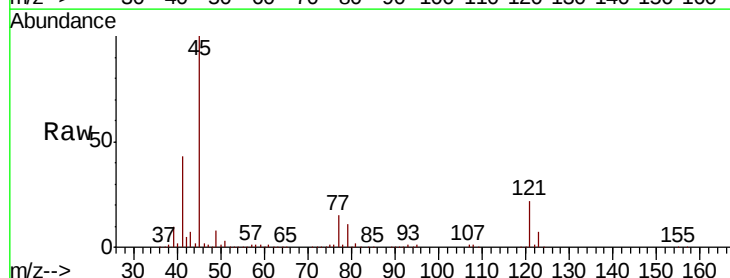
Tgt Ion: 45 Resp: 1113653

Ion Ratio Lower Upper

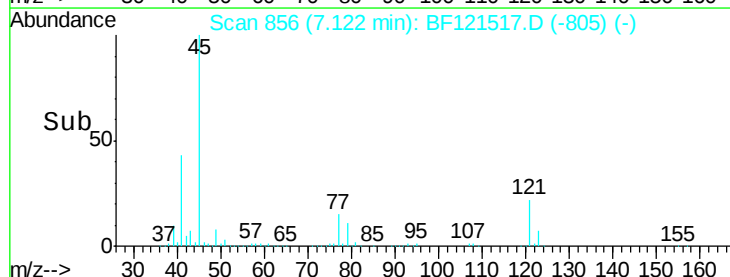
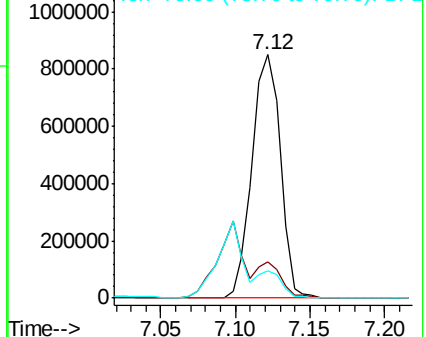
45 100

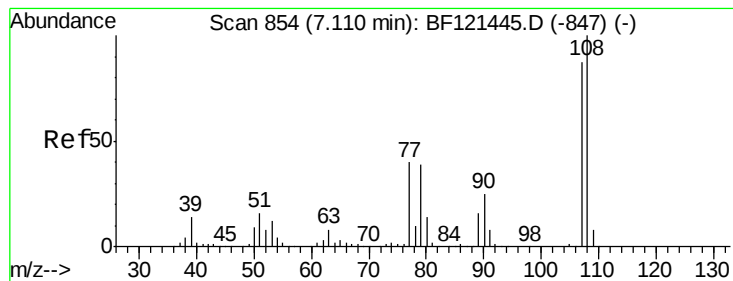
77 14.8 0.0 34.7

79 11.3 0.0 31.2



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

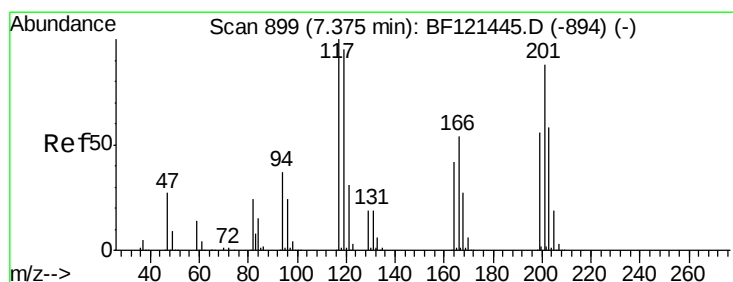
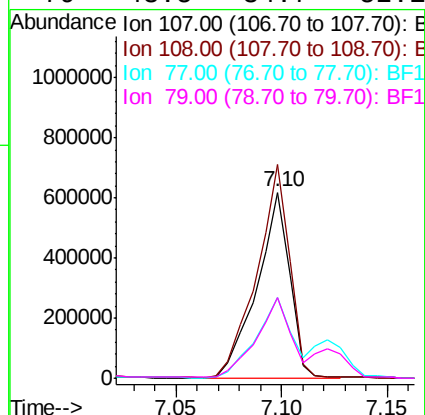
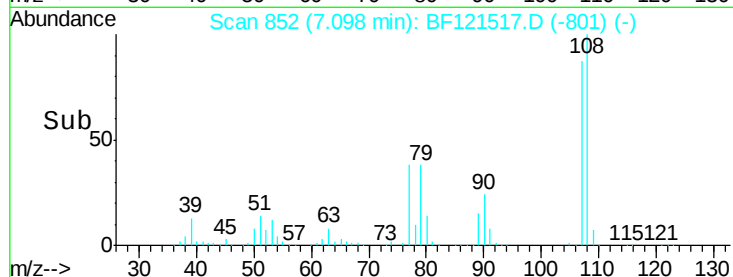
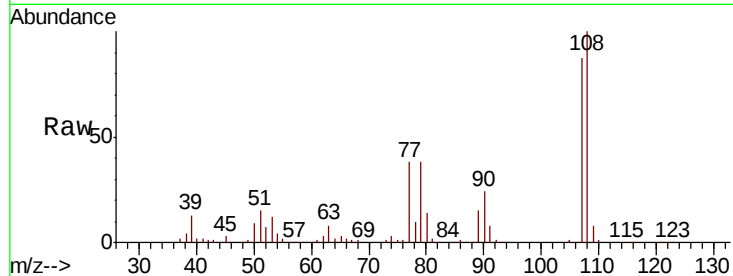




#17
2-Methylphenol
Concen: 40.637 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF121517.D
Acq: 2 Sep 2020 16:48

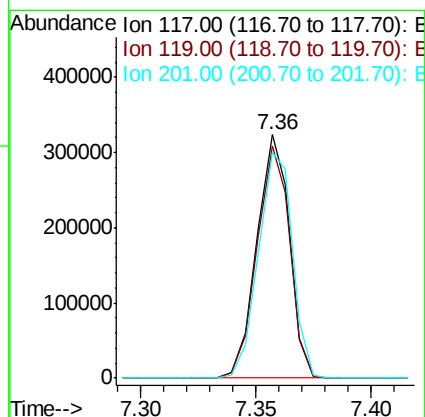
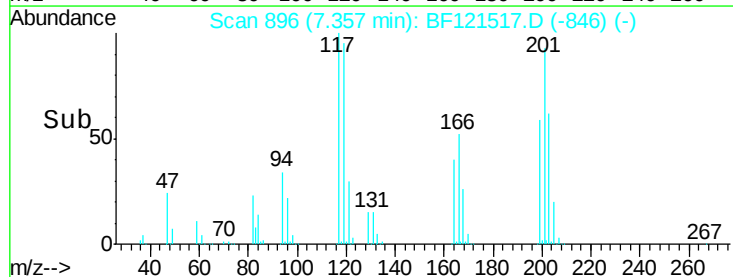
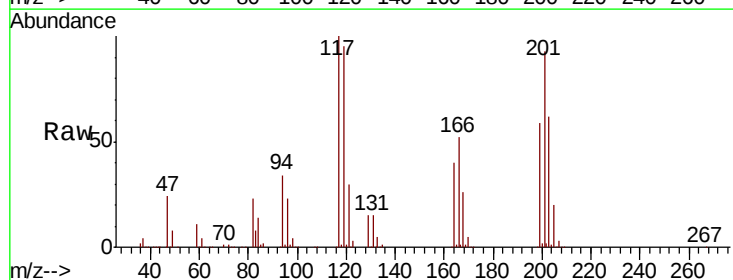
Instrument :
BNA_F
ClientSampleId :
PB131374BS

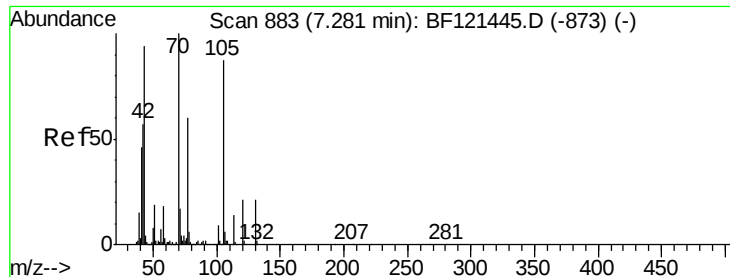
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.8	91.6	137.4
77	43.7	35.4	53.0
79	43.5	34.7	52.1



#18
Hexachloroethane
Concen: 41.165 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF121517.D
Acq: 2 Sep 2020 16:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	77.0	115.4
201	92.9	82.5	123.7

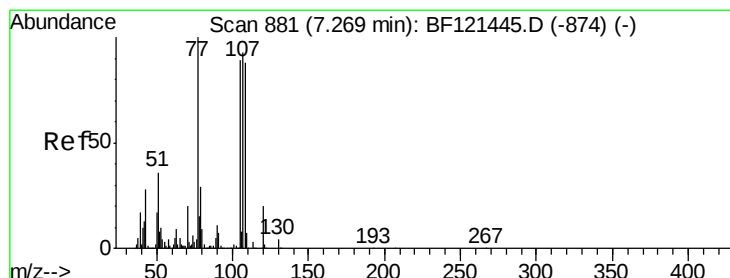
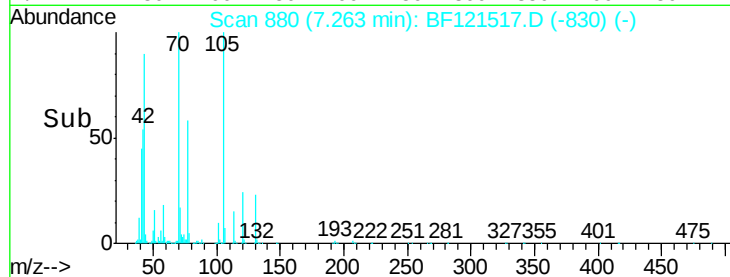
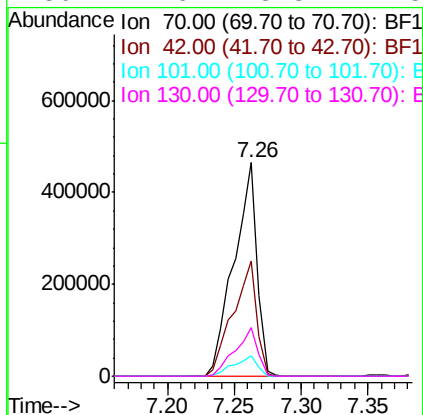
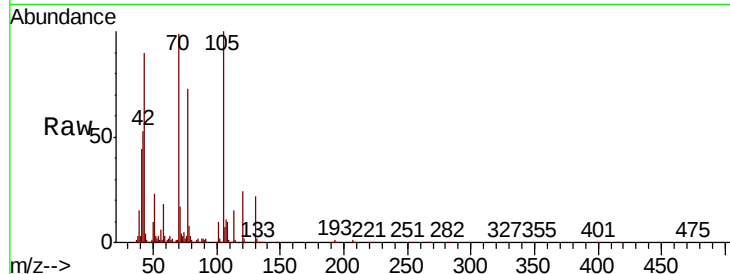




#19
n-Nitroso-di-n-propylamine
Concen: 39.232 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF121517.D
Acq: 2 Sep 2020 16:48

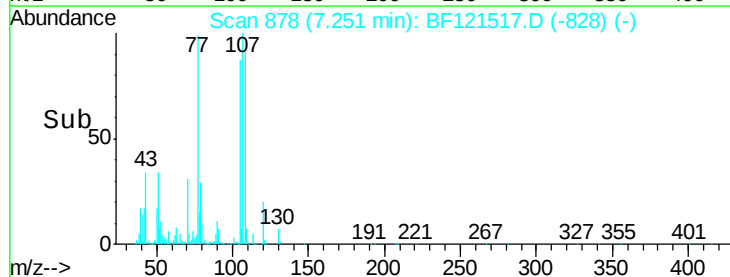
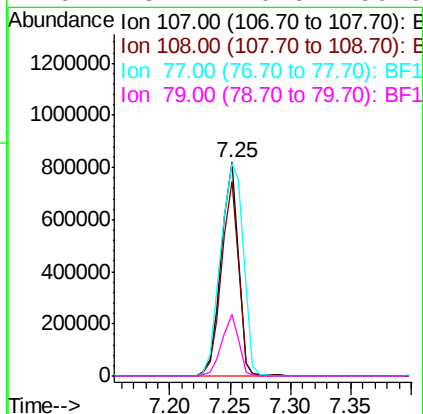
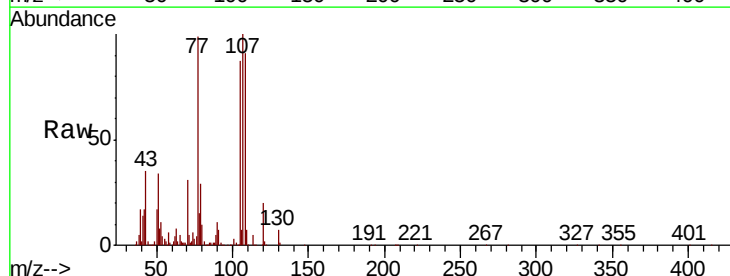
Instrument :
BNA_F
ClientSampleId :
PB131374BS

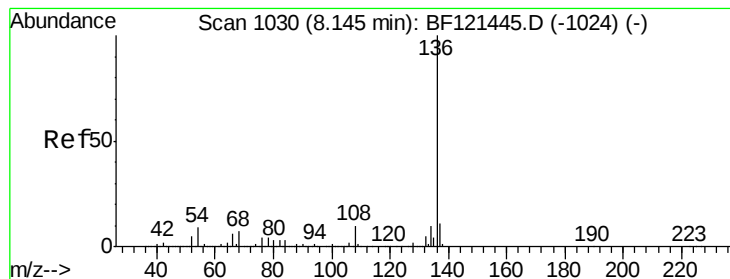
Tot Ion:	70	Resp:	566606
Ion	Ratio	Lower	Upper
70	100		
42	53.9	42.0	63.0
101	9.6	8.1	12.1
130	22.6	18.3	27.5



#20
3+4-Methylphenols
Concen: 41.097 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF121517.D
Acq: 2 Sep 2020 16:48

Tgt Ion:	107	Resp:	812155
Ion	Ratio	Lower	Upper
107	100		
108	90.9	74.0	114.0
77	99.3	96.7	136.7
79	28.7	10.6	50.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF121517.D

Acq: 2 Sep 2020 16:48

Instrument :

BNA_F

ClientSampleId :

PB131374BS

Tot Ion:136 Resp: 1251094

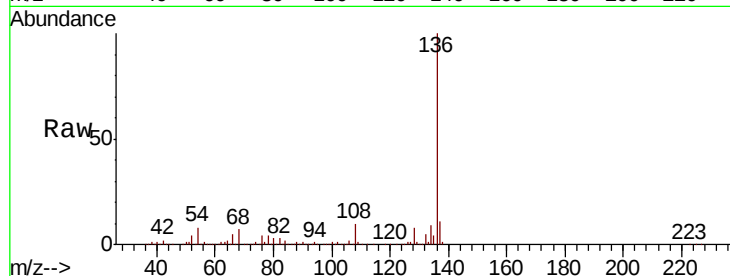
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 8.3 6.2 9.4

68 6.7 5.1 7.7

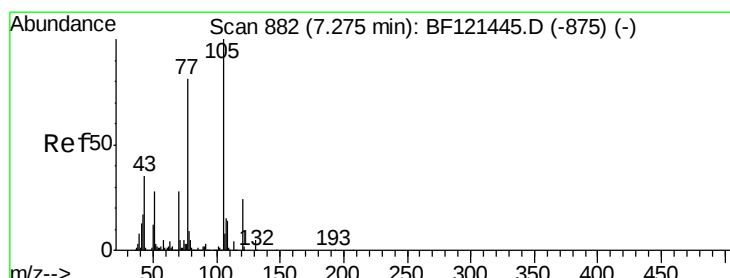
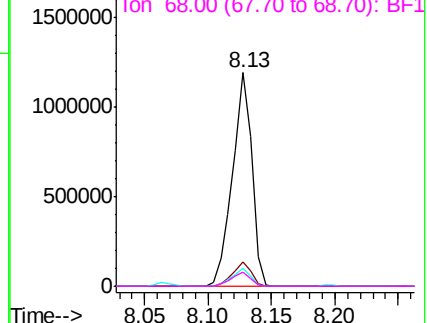
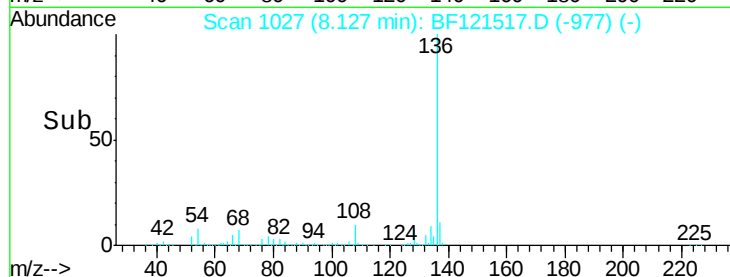


Abundance Ion 136.00 (135.70 to 136.70): E

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: 34.512 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF121517.D

Acq: 2 Sep 2020 16:48

Tgt Ion:105 Resp: 1064218

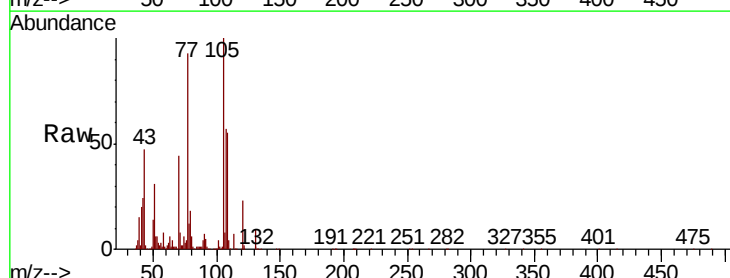
Ion Ratio Lower Upper

105 100

71 7.6 6.0 9.0

51 30.9 20.7 31.1

120 23.2 18.9 28.3

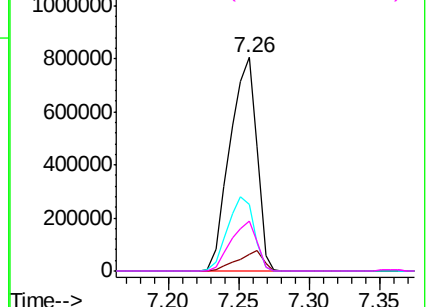
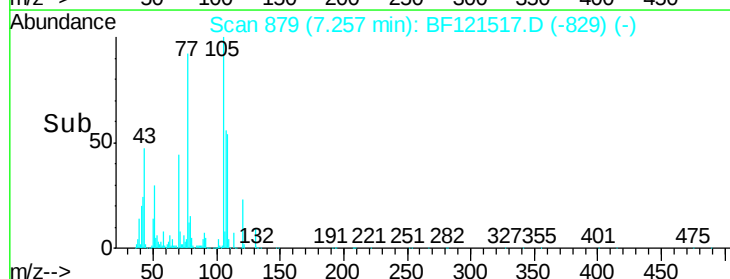


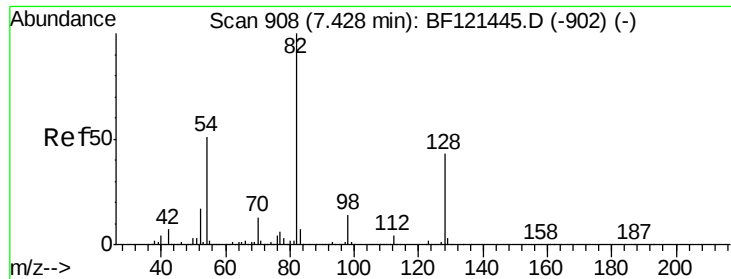
Abundance Ion 105.00 (104.70 to 105.70): E

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

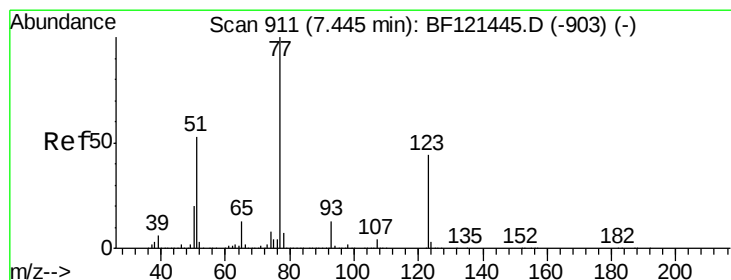
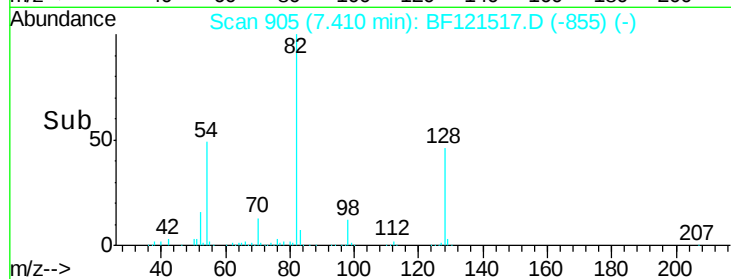
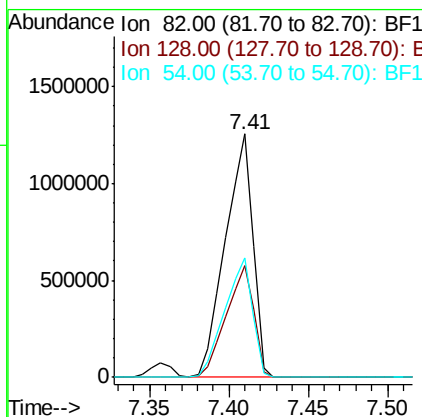
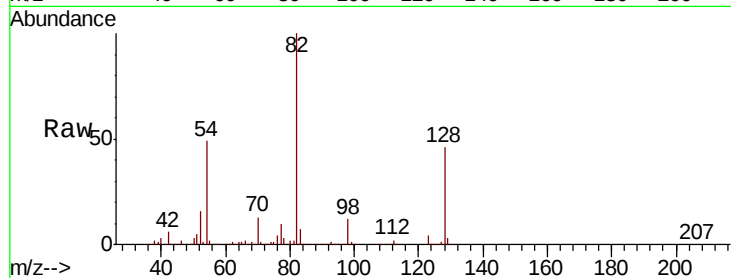




#23
 Nitrobenzene-d5
 Concen: 83.417 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF121517.D
 Acq: 2 Sep 2020 16:48

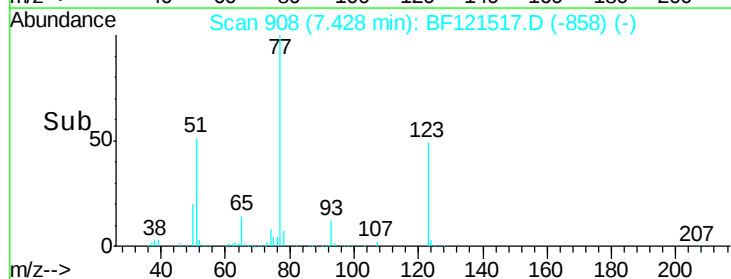
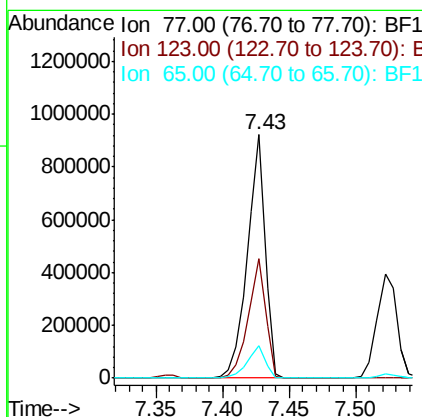
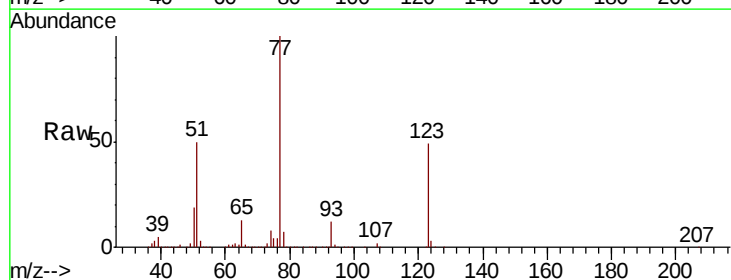
Instrument :
 BNA_F
 ClientSampleId :
 PB131374BS

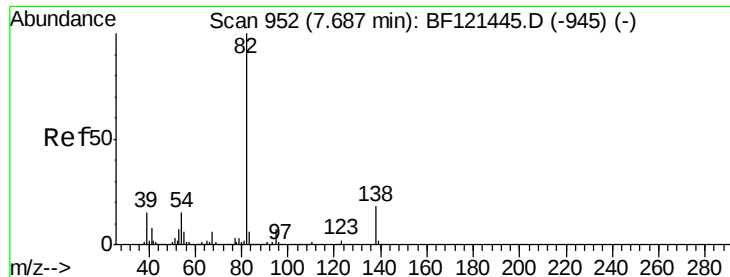
Tot Ion: 82 Resp: 1526541
 Ion Ratio Lower Upper
 82 100
 128 45.8 37.3 55.9
 54 49.0 39.0 58.6



#24
 Nitrobenzene
 Concen: 45.739 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF121517.D
 Acq: 2 Sep 2020 16:48

Tgt Ion: 77 Resp: 839026
 Ion Ratio Lower Upper
 77 100
 123 49.2 39.7 59.5
 65 13.4 11.0 16.4





#25

Isophorone

Concen: 38.536 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF121517.D

Acq: 2 Sep 2020 16:48

Instrument :

BNA_F

ClientSampleId :

PB131374BS

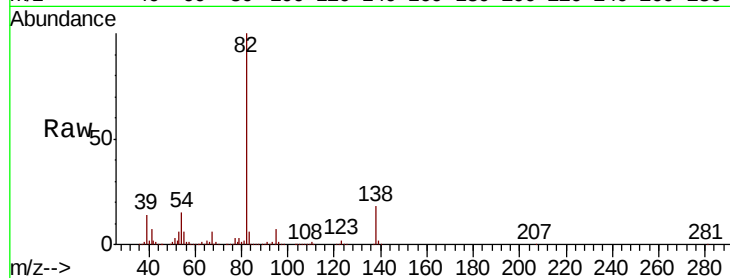
Tot Ion: 82 Resp: 1586174

Ion Ratio Lower Upper

82 100

95 6.9 5.7 8.5

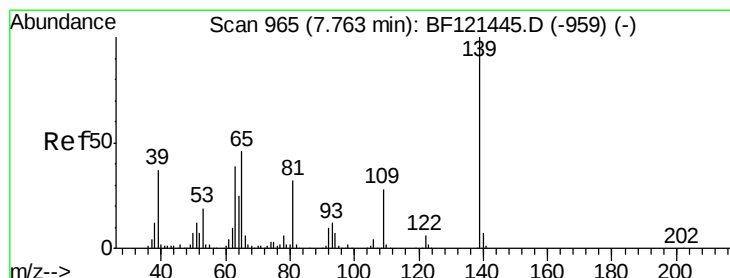
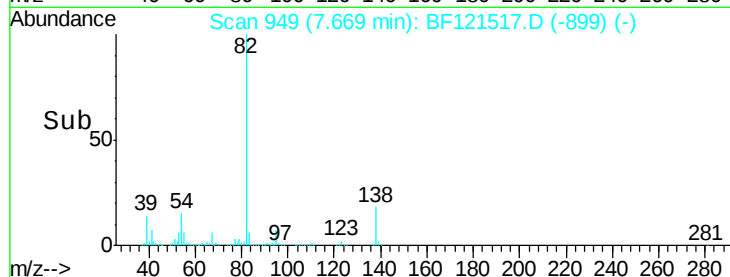
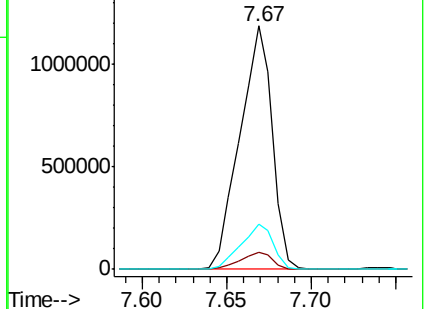
138 18.5 15.6 23.4



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: 51.945 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF121517.D

Acq: 2 Sep 2020 16:48

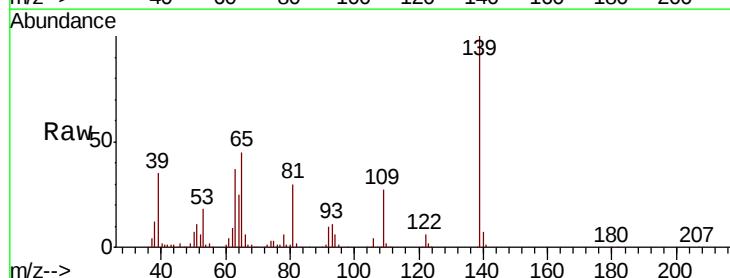
Tgt Ion: 139 Resp: 412431

Ion Ratio Lower Upper

139 100

109 26.5 22.0 33.0

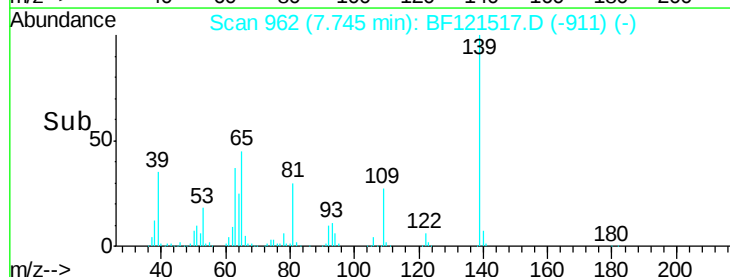
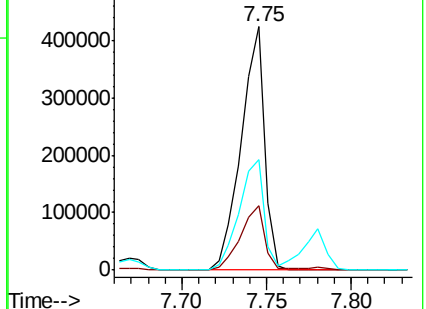
65 45.2 39.3 58.9

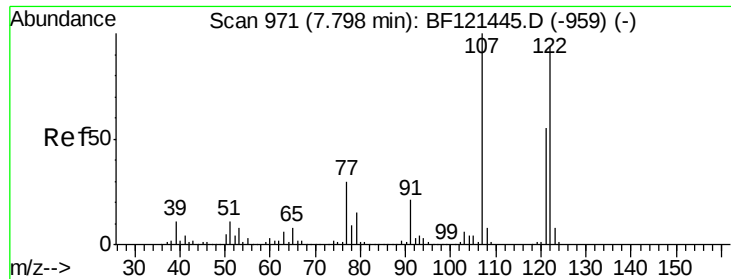


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

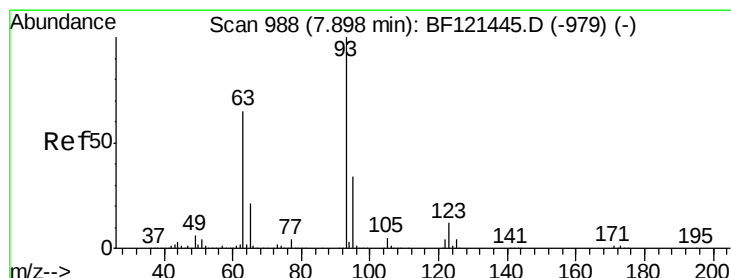
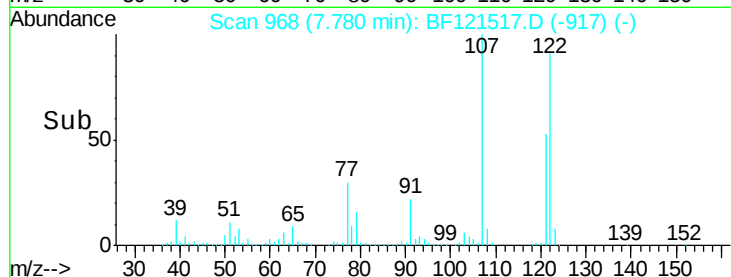
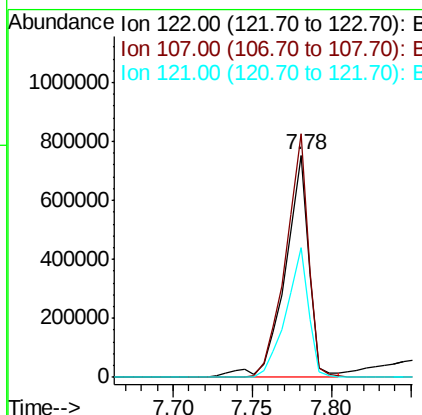
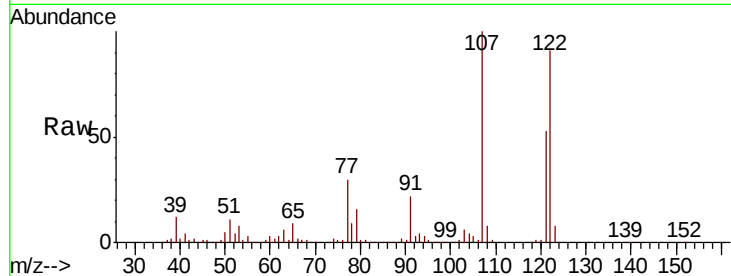




#27
 2,4-Dimethylphenol
 Concen: 45.649 ng
 RT: 7.78 min Scan# 968
 Delta R.T. -0.00 min
 Lab File: BF121517.D
 Acq: 2 Sep 2020 16:48

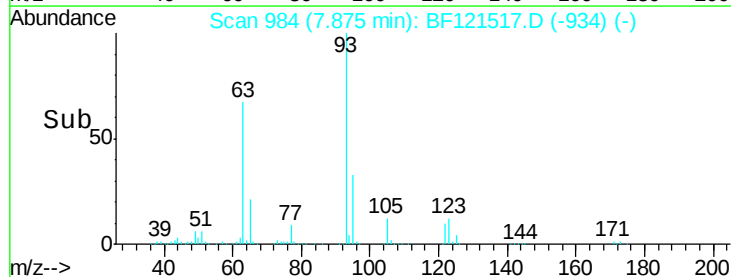
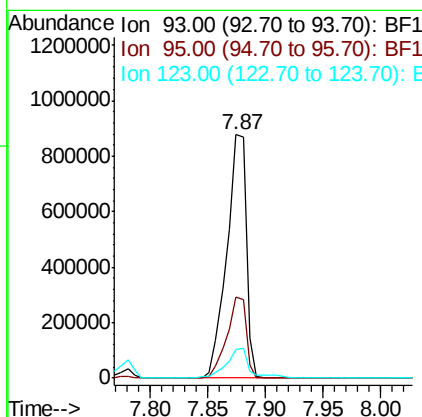
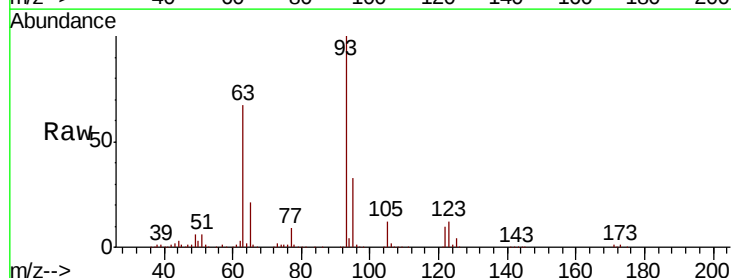
Instrument :
 BNA_F
 ClientSampleID :
 PB131374BS

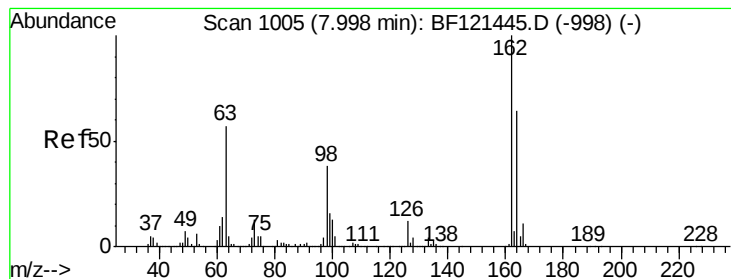
Tot Ion:122 Resp: 779300
 Ion Ratio Lower Upper
 122 100
 107 109.7 87.7 131.5
 121 58.4 46.5 69.7



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.814 ng
 RT: 7.87 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: BF121517.D
 Acq: 2 Sep 2020 16:48

Tgt Ion: 93 Resp: 1030409
 Ion Ratio Lower Upper
 93 100
 95 33.1 27.4 41.0
 123 11.6 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 41.880 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.00 min

Lab File: BF121517.D

Acq: 2 Sep 2020 16:48

Instrument :

BNA_F

ClientSampleId :

PB131374BS

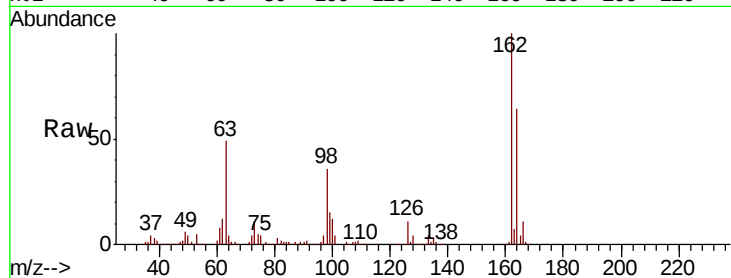
Tot Ion:162 Resp: 705936

Ion Ratio Lower Upper

162 100

164 64.2 44.1 84.1

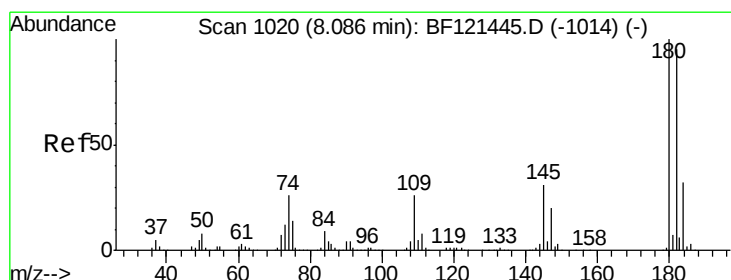
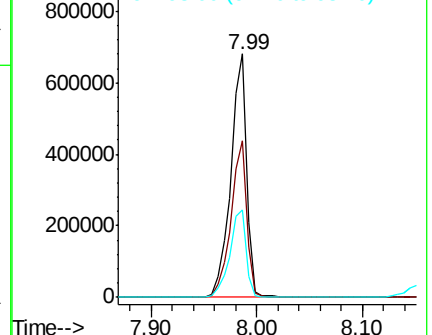
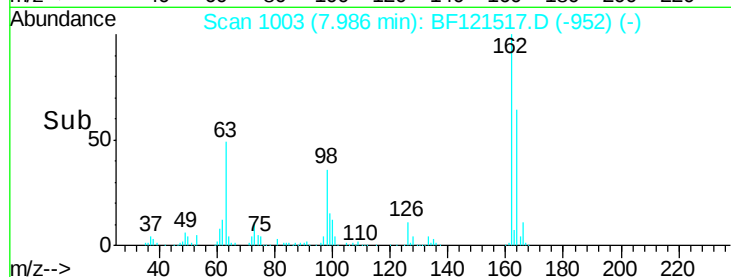
98 35.7 18.4 58.4



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: 36.014 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF121517.D

Acq: 2 Sep 2020 16:48

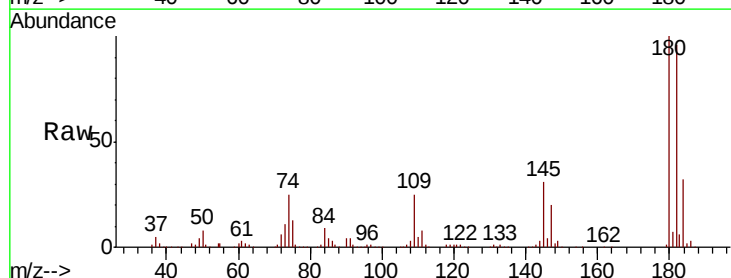
Tgt Ion:180 Resp: 743645

Ion Ratio Lower Upper

180 100

182 96.4 77.5 116.3

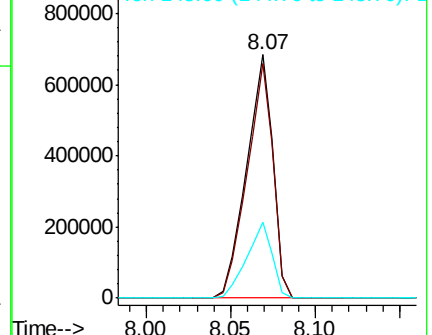
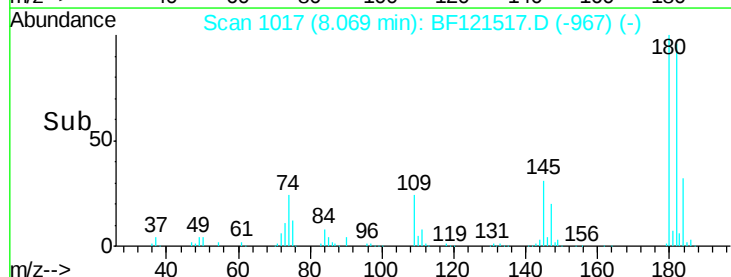
145 31.2 24.3 36.5

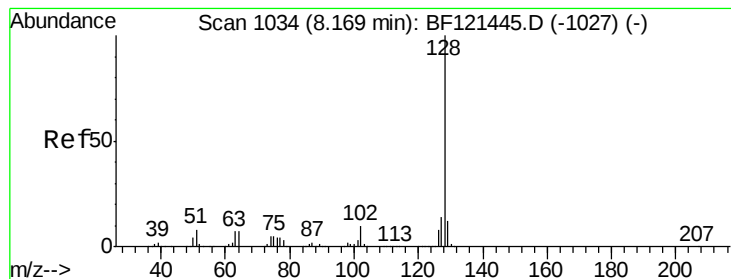


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.396 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF121517.D

Acq: 2 Sep 2020 16:48

Instrument :

BNA_F

ClientSampleId :

PB131374BS

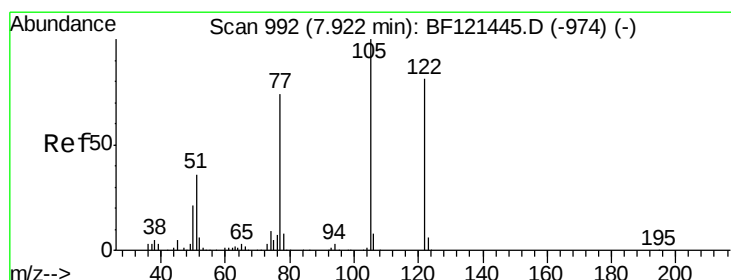
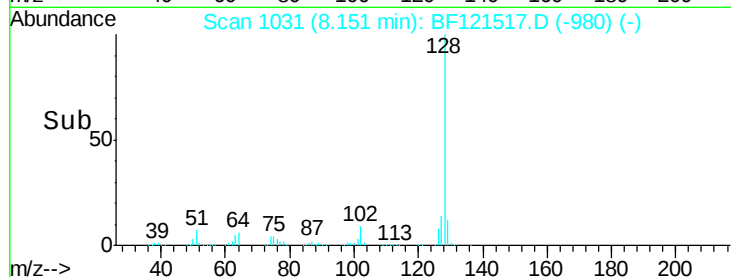
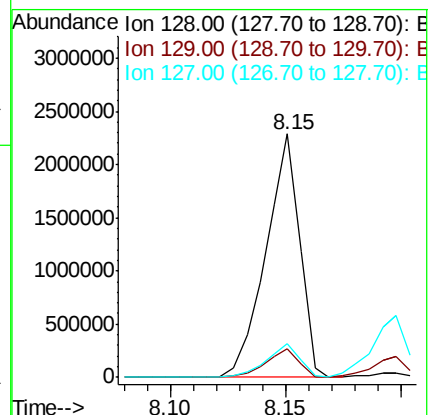
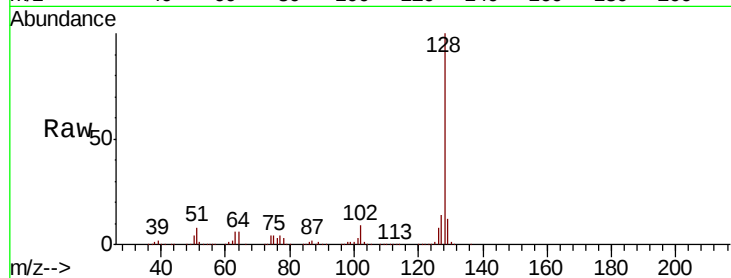
Tot Ion:128 Resp: 2322717

Ion Ratio Lower Upper

128 100

129 11.9 9.7 14.5

127 14.0 11.1 16.7



#32

Benzoic acid

Concen: 49.241 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF121517.D

Acq: 2 Sep 2020 16:48

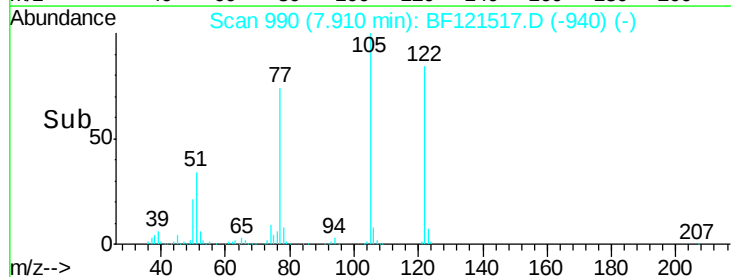
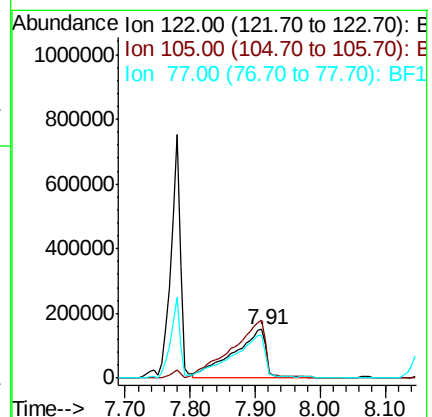
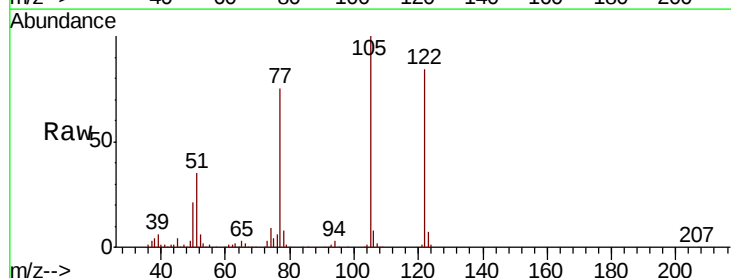
Tgt Ion:122 Resp: 532090

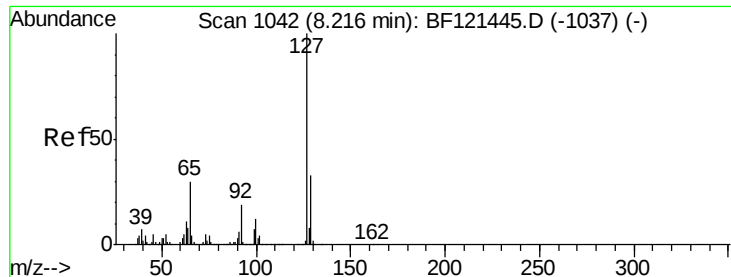
Ion Ratio Lower Upper

122 100

105 118.7 102.2 142.2

77 88.4 69.8 109.8

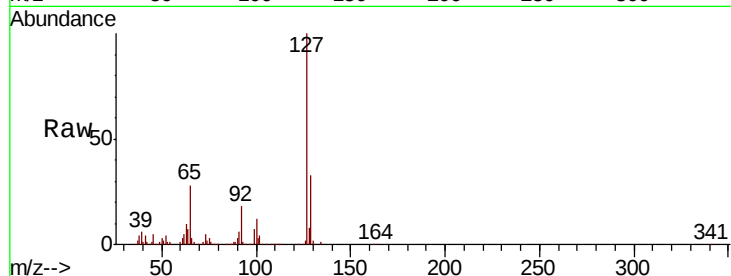




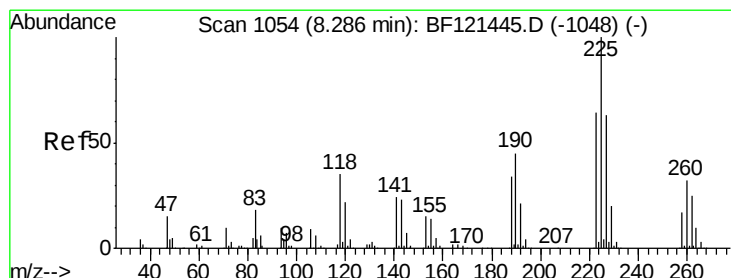
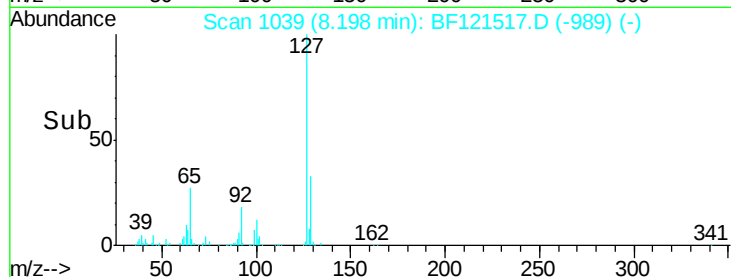
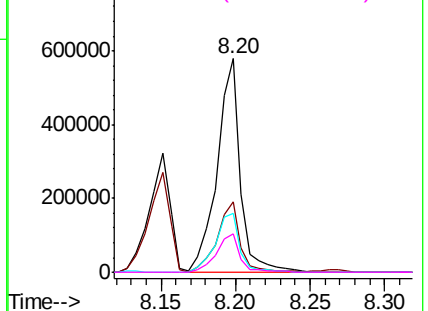
#33
4-Chloroaniline
Concen: 22.770 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF121517.D
Acq: 2 Sep 2020 16:48

Instrument :
BNA_F
ClientSampleId :
PB131374BS

Tot Ion:127	Resp: 629911
Ion Ratio	Lower Upper
127 100	
129 33.0	26.2 39.4
65 27.9	21.8 32.6
92 18.1	14.3 21.5

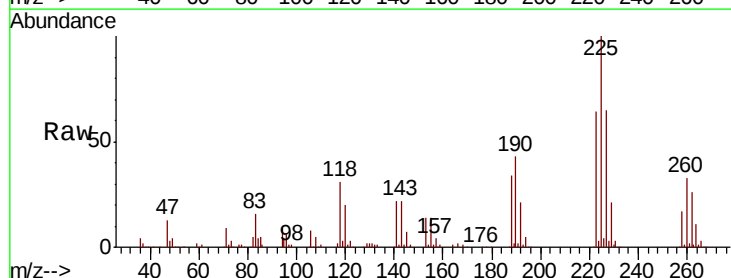


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

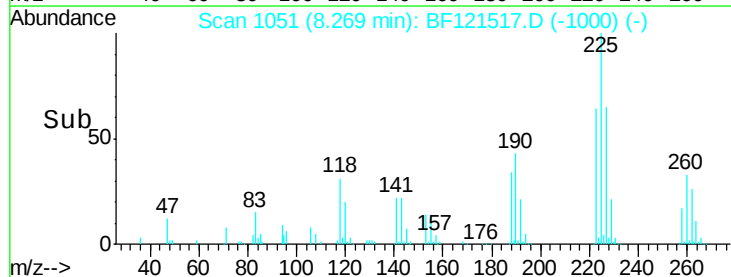
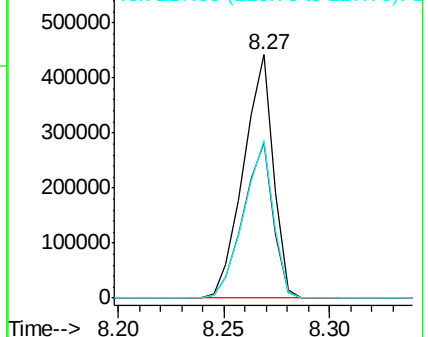


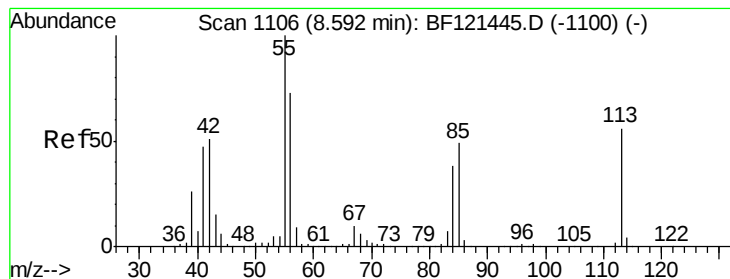
#34
Hexachlorobutadiene
Concen: 35.331 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.00 min
Lab File: BF121517.D
Acq: 2 Sep 2020 16:48

Tgt Ion:225	Resp: 433850
Ion Ratio	Lower Upper
225 100	
223 63.7	51.8 77.6
227 64.6	51.0 76.4



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





#35

Caprolactam

Concen: 24.600 ng

RT: 8.57 min Scan# 1103

Delta R.T. -0.01 min

Lab File: BF121517.D

Acq: 2 Sep 2020 16:48

Instrument :

BNA_F

ClientSampleId :

PB131374BS

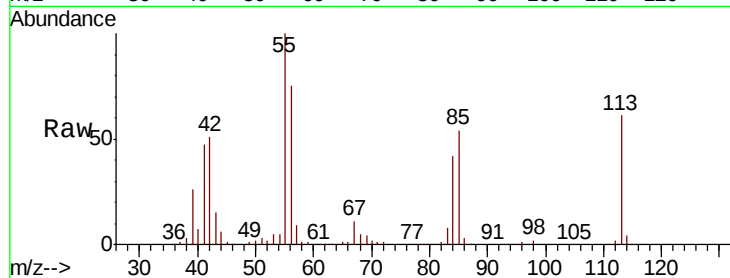
Tot Ion:113 Resp: 135240

Ion Ratio Lower Upper

113 100

55 164.8 149.1 189.1

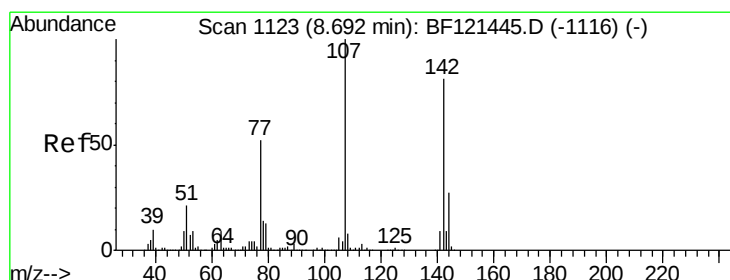
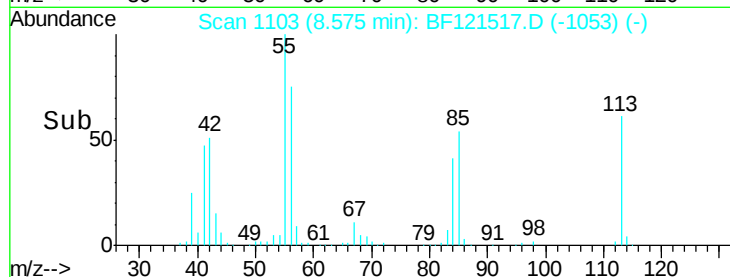
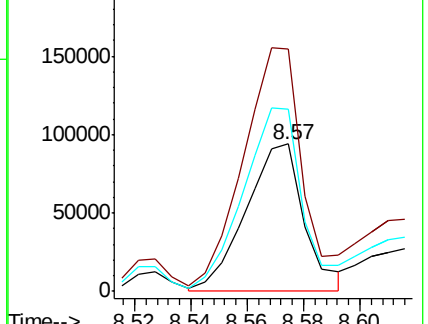
56 123.5 104.4 144.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 40.865 ng

RT: 8.68 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BF121517.D

Acq: 2 Sep 2020 16:48

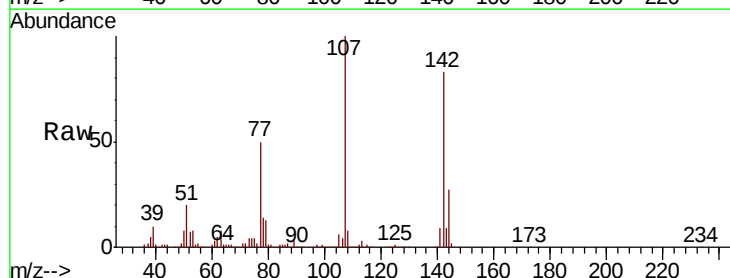
Tgt Ion:107 Resp: 726258

Ion Ratio Lower Upper

107 100

144 27.1 21.3 31.9

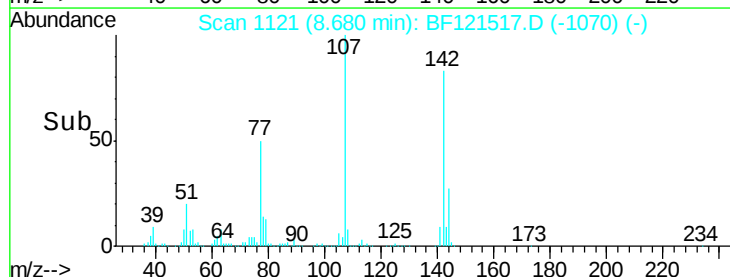
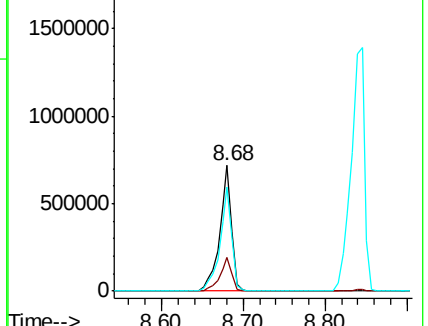
142 83.1 64.9 97.3

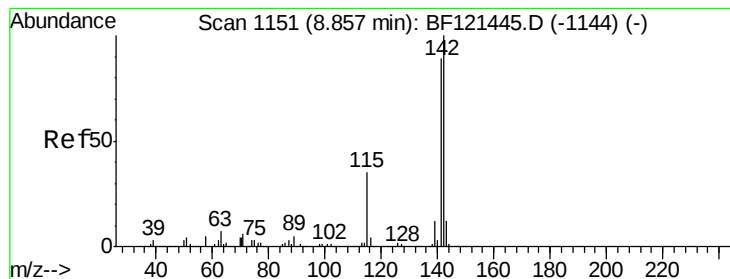


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.996 ng

RT: 8.85 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BF121517.D

Acq: 2 Sep 2020 16:48

Instrument :

BNA_F

ClientSampleId :

PB131374BS

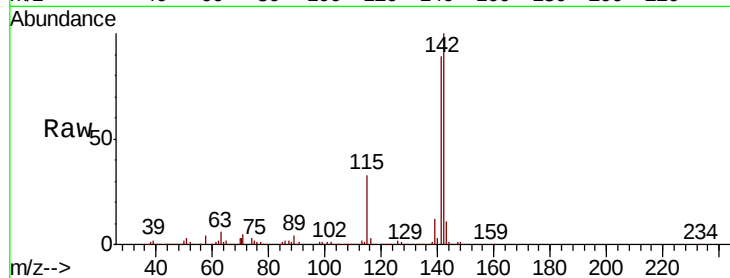
Tot Ion:142 Resp: 1604743

Ion Ratio Lower Upper

142 100

141 89.1 71.9 107.9

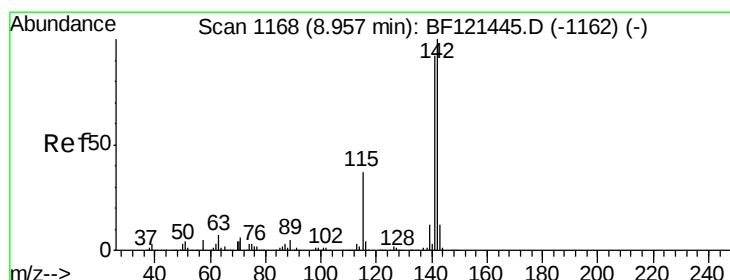
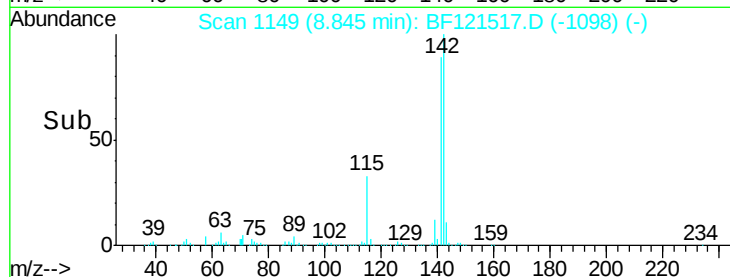
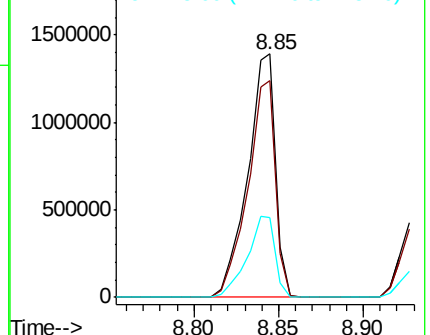
115 32.7 27.7 41.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 38.652 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF121517.D

Acq: 2 Sep 2020 16:48

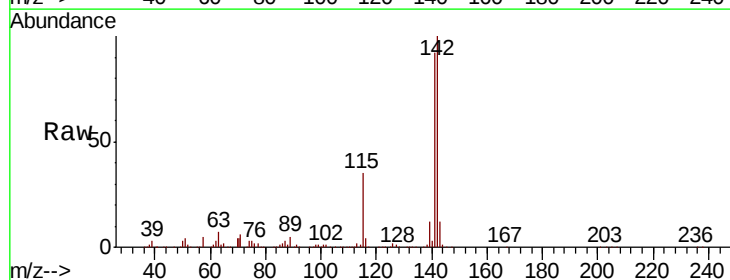
Tgt Ion:142 Resp: 1501945

Ion Ratio Lower Upper

142 100

141 92.1 73.7 110.5

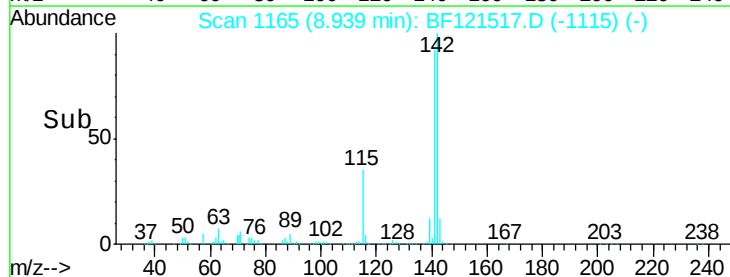
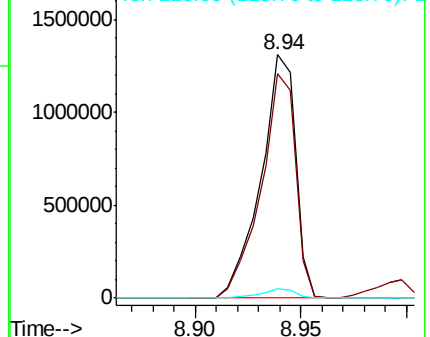
116 3.8 3.0 4.4

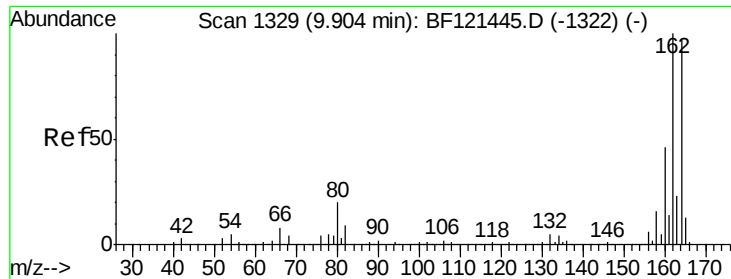


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

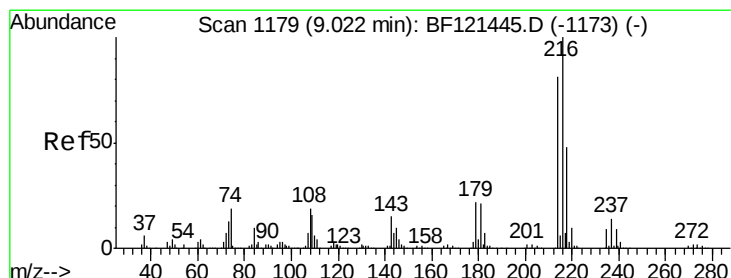
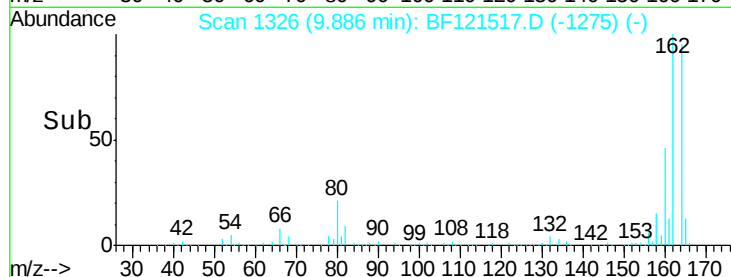
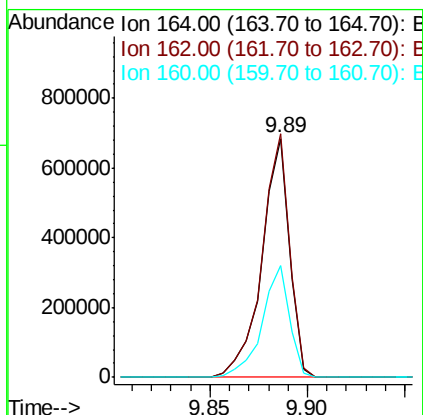
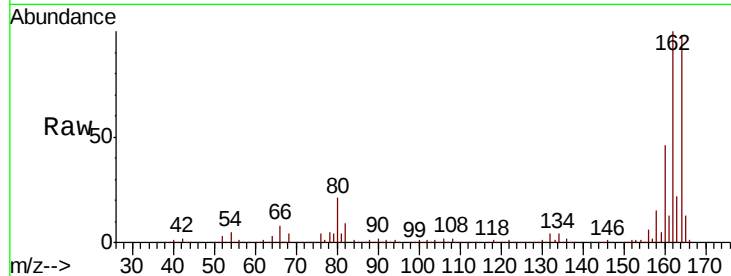




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.00 min
 Lab File: BF121517.D
 Acq: 2 Sep 2020 16:48

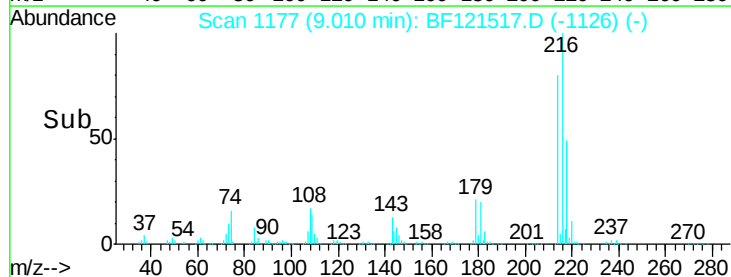
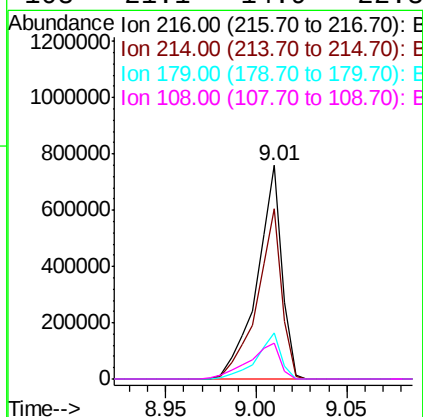
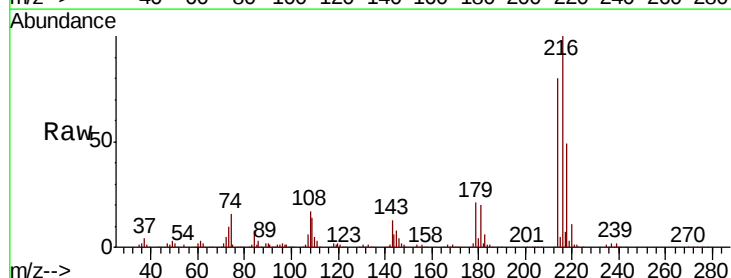
Instrument :
 BNA_F
 ClientSampleId :
 PB131374BS

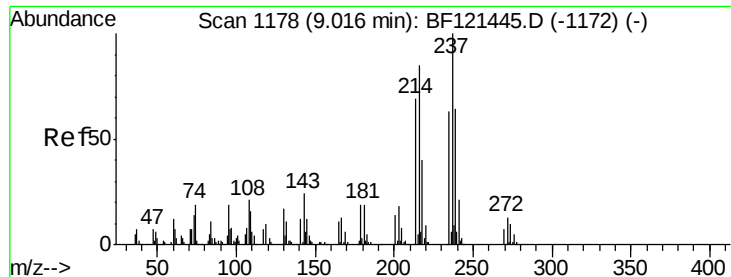
Tot Ion:164 Resp: 672106
 Ion Ratio Lower Upper
 164 100
 162 102.0 80.5 120.7
 160 46.9 36.2 54.4



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.290 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: BF121517.D
 Acq: 2 Sep 2020 16:48

Tgt Ion:216 Resp: 723021
 Ion Ratio Lower Upper
 216 100
 214 79.1 64.3 96.5
 179 20.8 16.9 25.3
 108 21.1 14.9 22.3

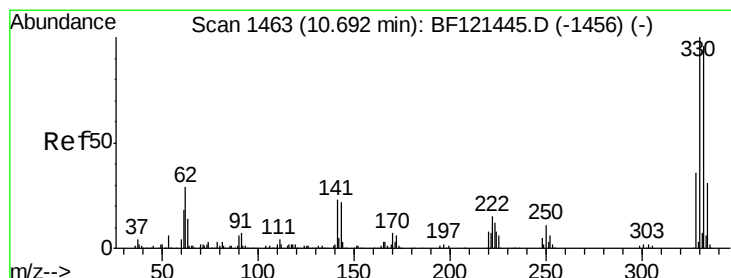
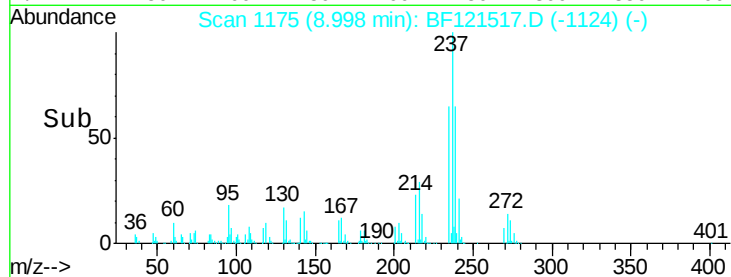
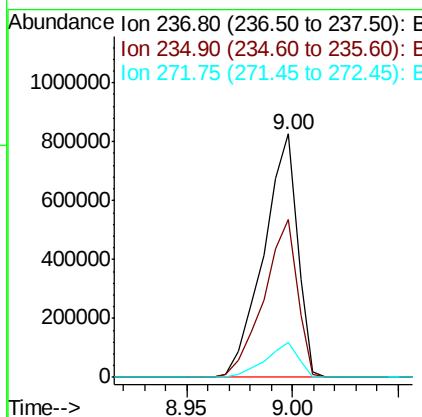
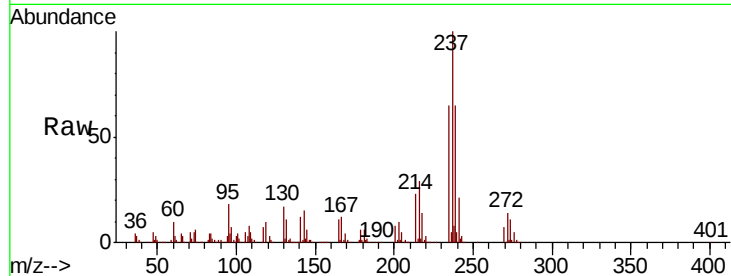




#41
Hexachlorocyclopentadiene
Concen: 109.808 ng
RT: 9.00 min Scan# 1175
Delta R.T. -0.00 min
Lab File: BF121517.D
Acq: 2 Sep 2020 16:48

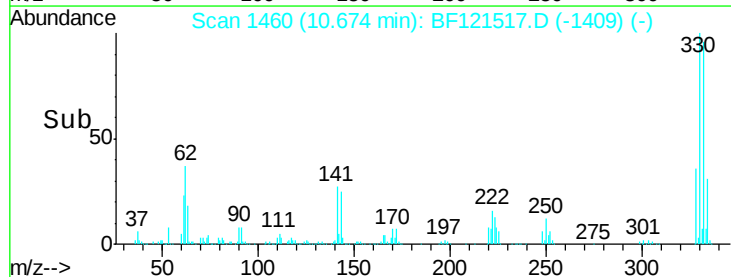
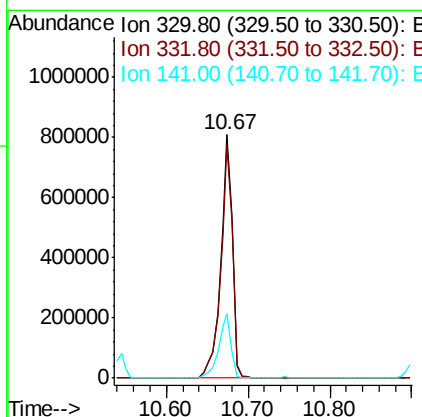
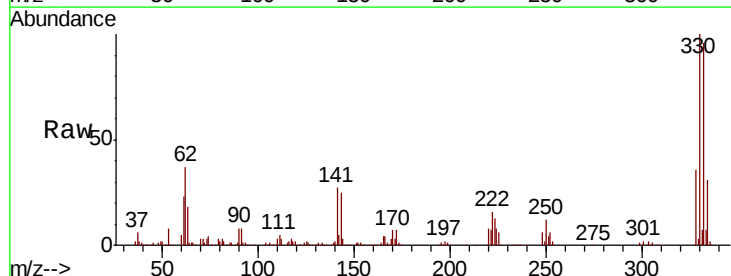
Instrument :
BNA_F
ClientSampleId :
PB131374BS

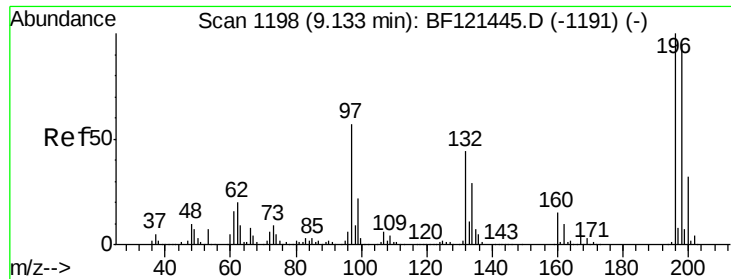
Tot Ion:	237	Resp:	919999
Ion	Ratio	Lower	Upper
237	100		
235	64.6	43.0	83.0
272	14.1	0.0	34.0



#42
2,4,6-Tribromophenol
Concen: 119.420 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BF121517.D
Acq: 2 Sep 2020 16:48

Tgt Ion:	330	Resp:	810699
Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.2	114.2
141	27.8	22.6	34.0

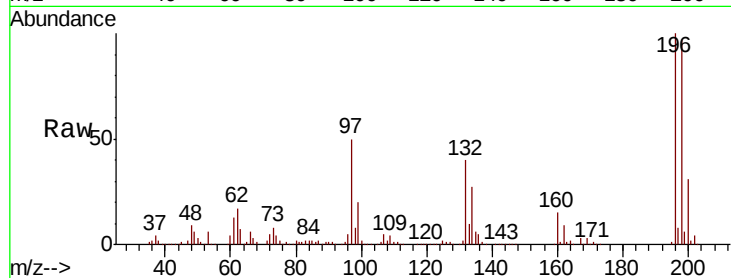




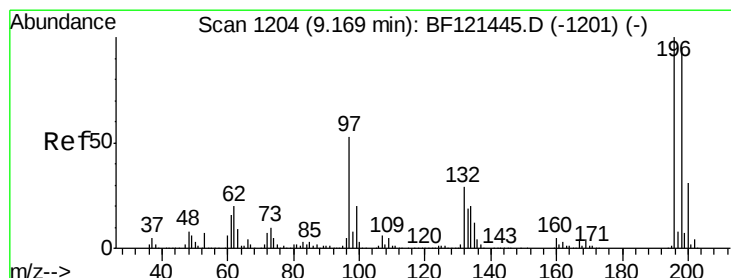
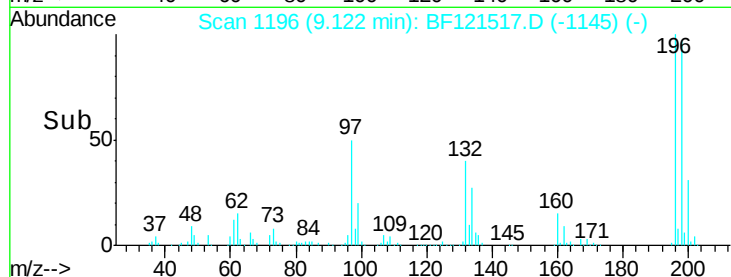
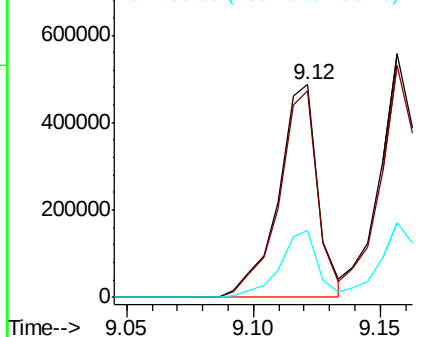
#43
 2,4,6-Trichlorophenol
 Concen: 42.126 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF121517.D
 Acq: 2 Sep 2020 16:48

Instrument :
 BNA_F
 ClientSampled :
 PB131374BS

Tot Ion:196 Resp: 530476
 Ion Ratio Lower Upper
 196 100
 198 96.8 77.1 115.7
 200 31.5 25.0 37.4

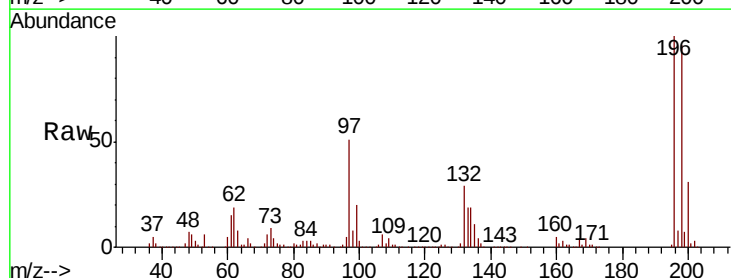


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

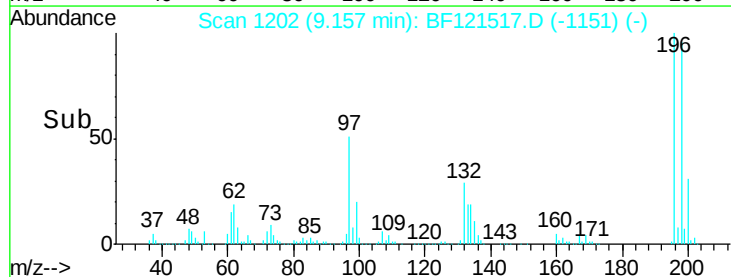
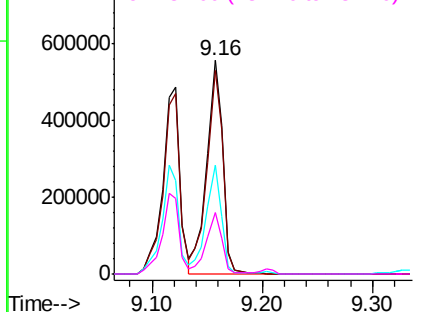


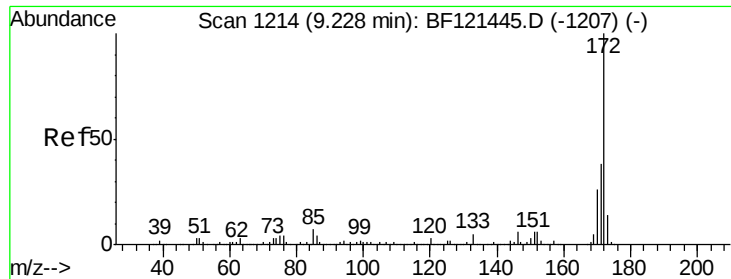
#44
 2,4,5-Trichlorophenol
 Concen: 43.596 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BF121517.D
 Acq: 2 Sep 2020 16:48

Tgt Ion:196 Resp: 542868
 Ion Ratio Lower Upper
 196 100
 198 95.6 75.5 113.3
 97 51.1 42.2 63.4
 132 28.7 23.4 35.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

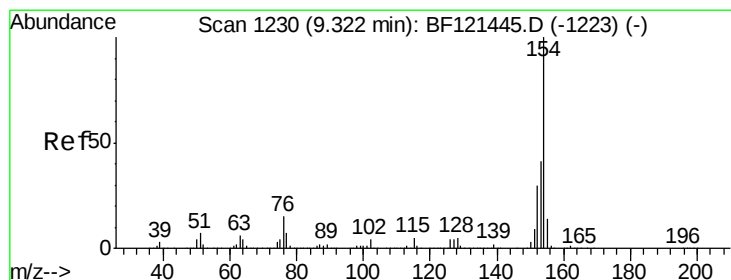
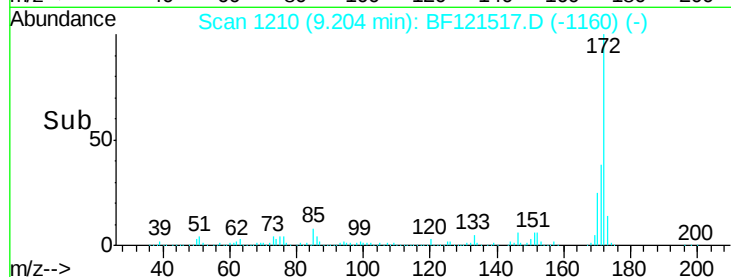
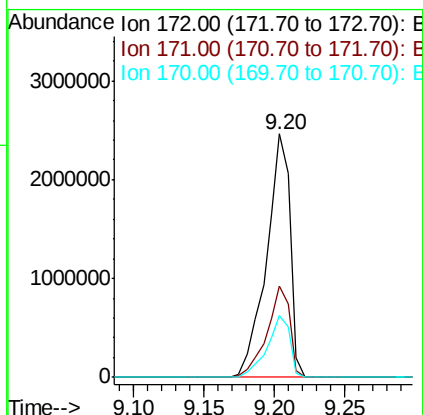
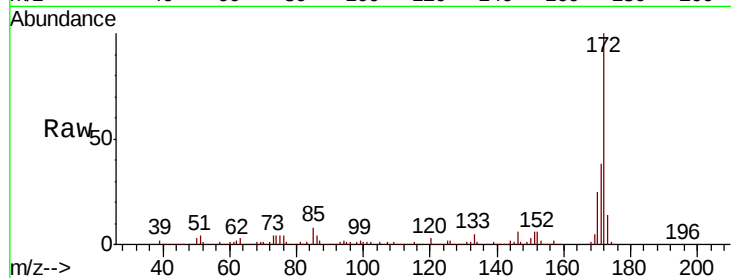




#45
 2-Fluorobiphenyl
 Concen: 69.388 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF121517.D
 Acq: 2 Sep 2020 16:48

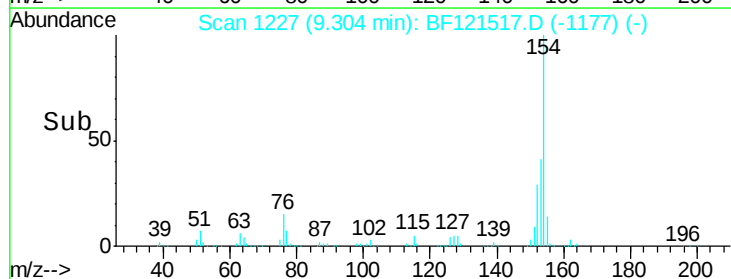
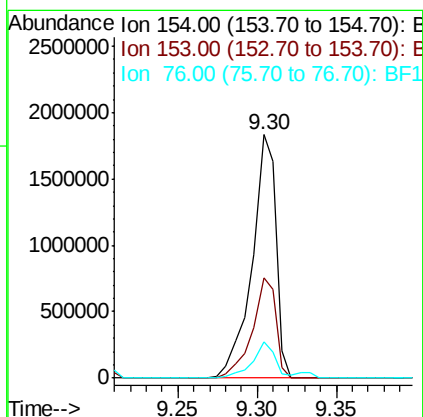
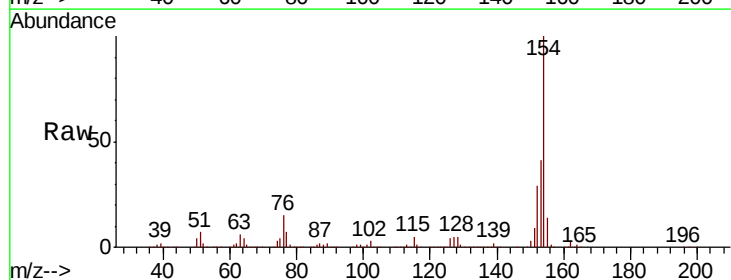
Instrument :
 BNA_F
 ClientSampleId :
 PB131374BS

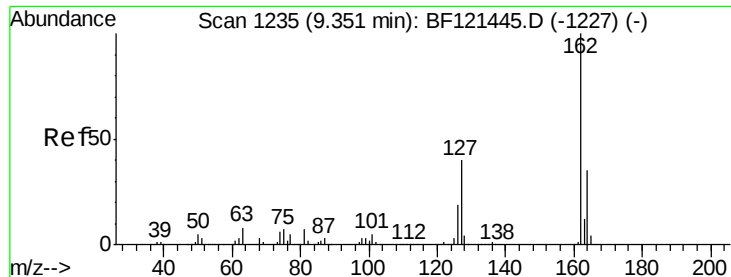
Tot Ion:172 Resp: 2890319
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.4 45.6
 170 25.3 20.7 31.1



#46
 1,1'-Biphenyl
 Concen: 37.901 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BF121517.D
 Acq: 2 Sep 2020 16:48

Tgt Ion:154 Resp: 1922236
 Ion Ratio Lower Upper
 154 100
 153 41.3 22.1 62.1
 76 14.7 0.0 33.5

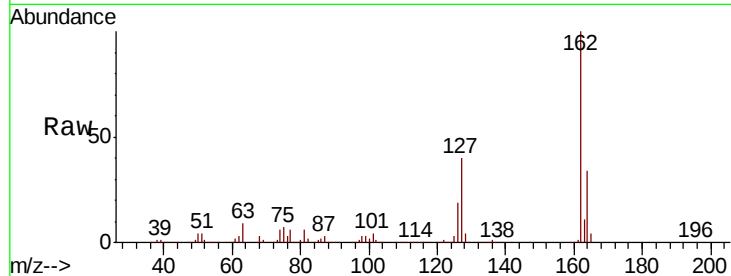




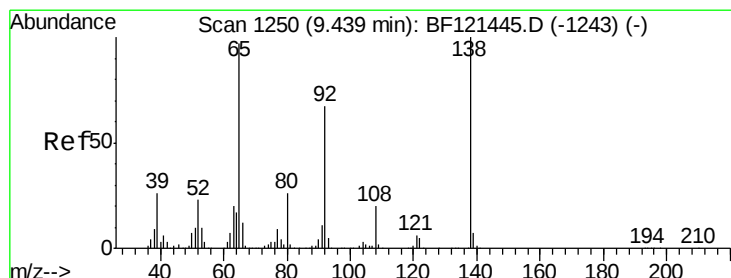
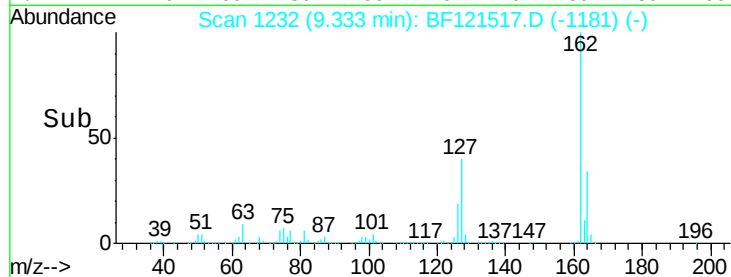
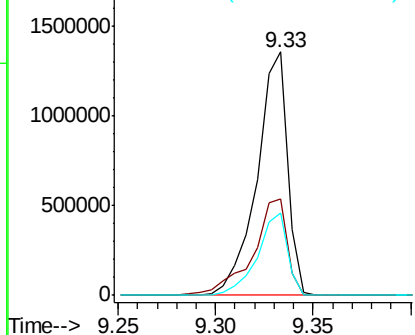
#47
 2-Chloronaphthalene
 Concen: 35.339 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BF121517.D
 Acq: 2 Sep 2020 16:48

Instrument :
 BNA_F
 ClientSampleId :
 PB131374BS

Tot Ion:162 Resp: 1473189
 Ion Ratio Lower Upper
 162 100
 127 39.8 34.0 51.0
 164 33.7 27.6 41.4

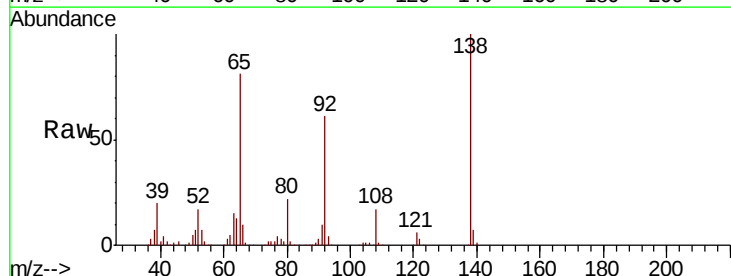


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

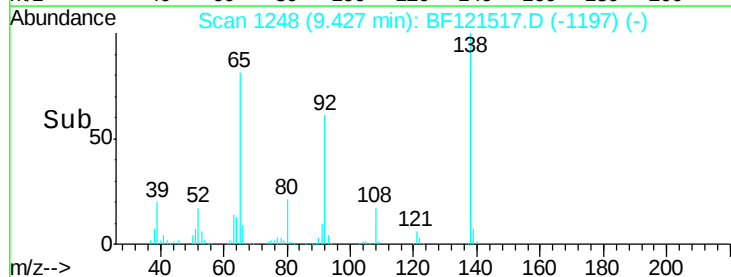
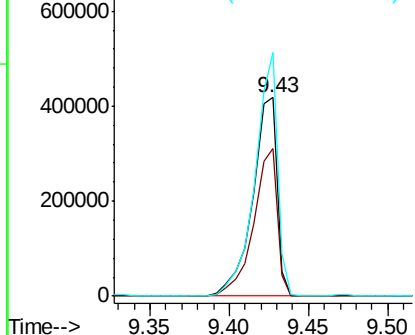


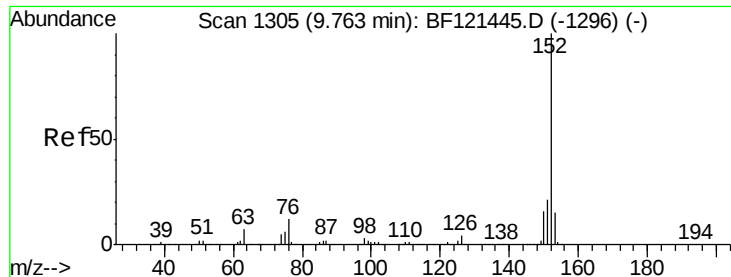
#48
 2-Nitroaniline
 Concen: 39.943 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: BF121517.D
 Acq: 2 Sep 2020 16:48

Tgt Ion: 65 Resp: 452208
 Ion Ratio Lower Upper
 65 100
 92 74.3 58.6 87.8
 138 122.8 88.6 133.0



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: 37.759 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF121517.D

Acq: 2 Sep 2020 16:48

Instrument :

BNA_F

ClientSampled :

PB131374BS

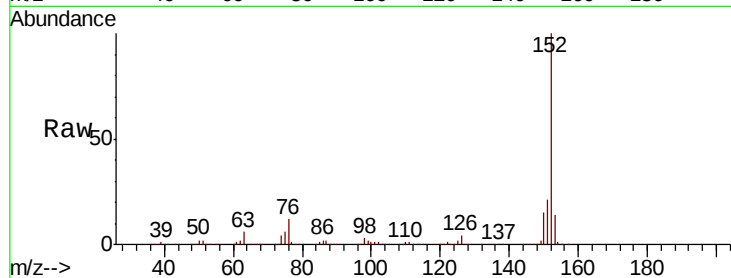
Tot Ion:152 Resp: 2361012

Ion Ratio Lower Upper

152 100

151 21.3 17.3 25.9

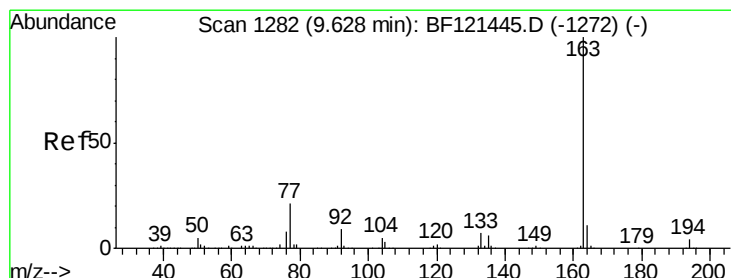
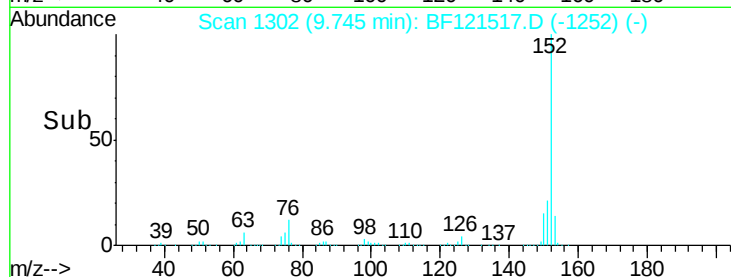
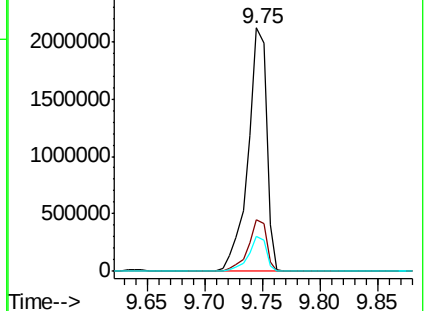
153 14.2 11.3 16.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.213 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BF121517.D

Acq: 2 Sep 2020 16:48

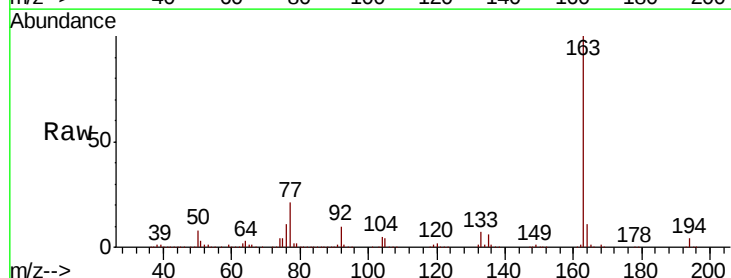
Tgt Ion:163 Resp: 1764214

Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

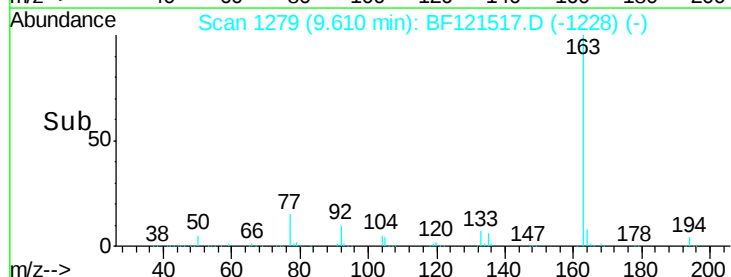
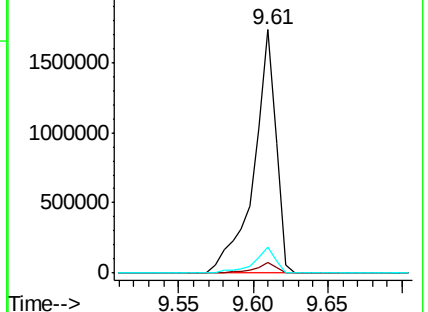
164 10.7 8.6 13.0

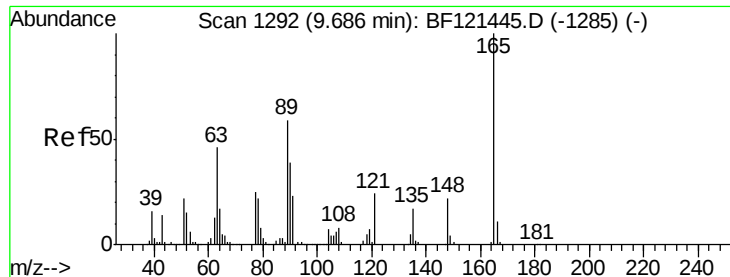


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

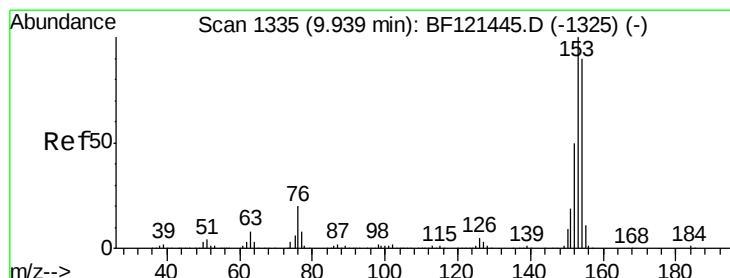
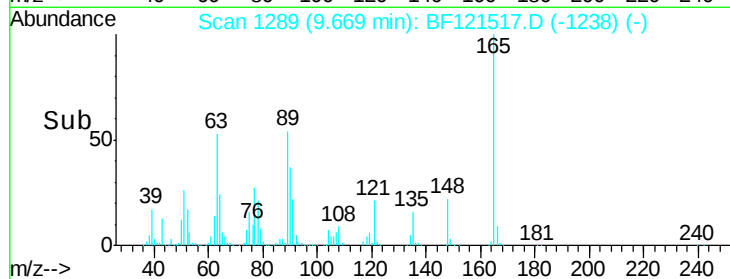
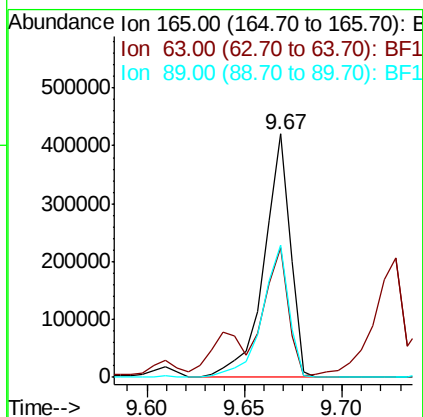
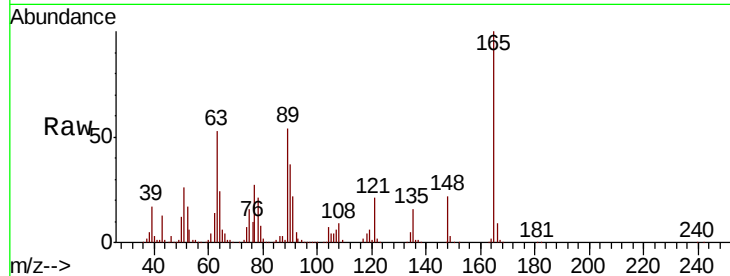




#51
 2,6-Dinitrotoluene
 Concen: 45.630 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: BF121517.D
 Acq: 2 Sep 2020 16:48

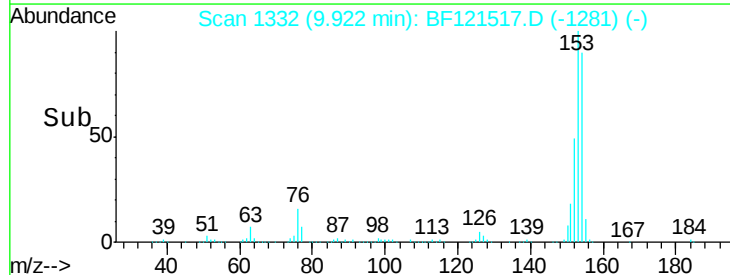
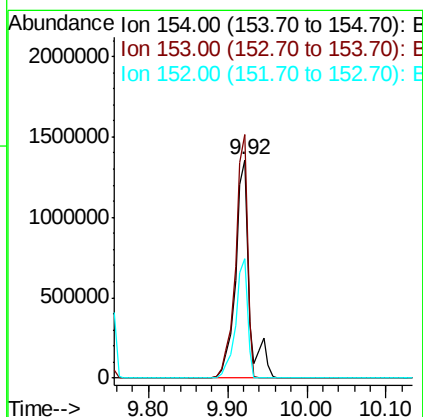
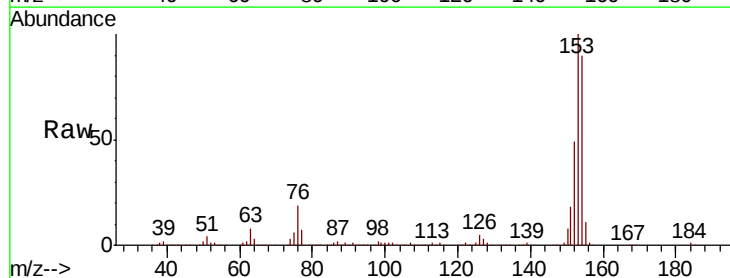
Instrument :
 BNA_F
 ClientSampleID :
 PB131374BS

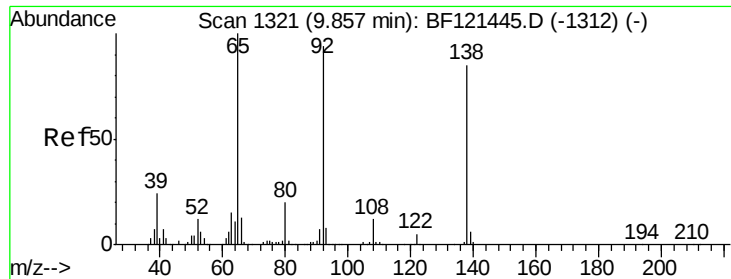
Tot Ion:165 Resp: 391653
 Ion Ratio Lower Upper
 165 100
 63 53.3 47.4 71.0
 89 54.1 47.9 71.9



#52
 Acenaphthene
 Concen: 41.328 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.00 min
 Lab File: BF121517.D
 Acq: 2 Sep 2020 16:48

Tgt Ion:154 Resp: 1631775
 Ion Ratio Lower Upper
 154 100
 153 111.4 89.9 134.9
 152 54.8 44.6 66.8

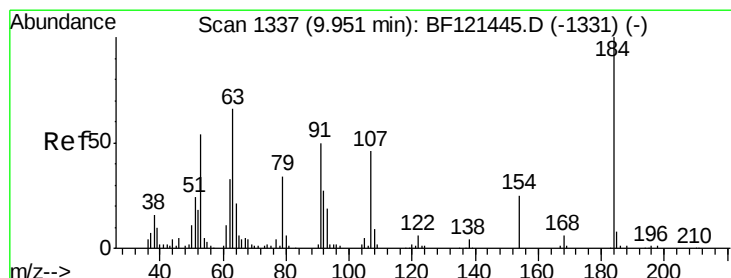
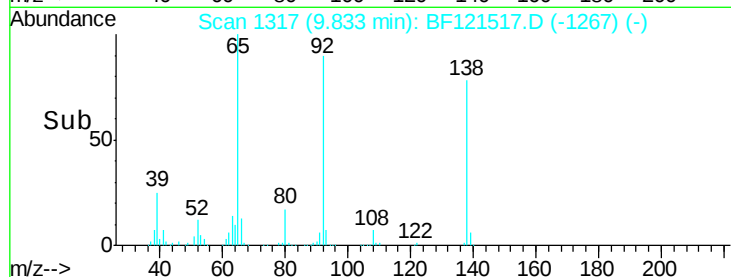
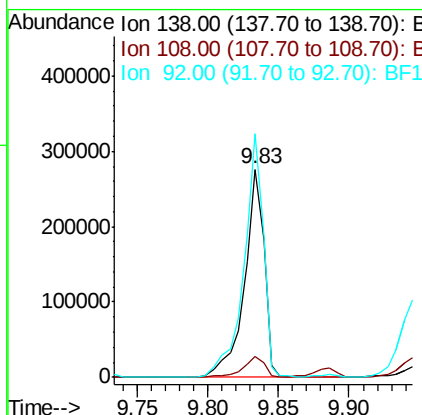
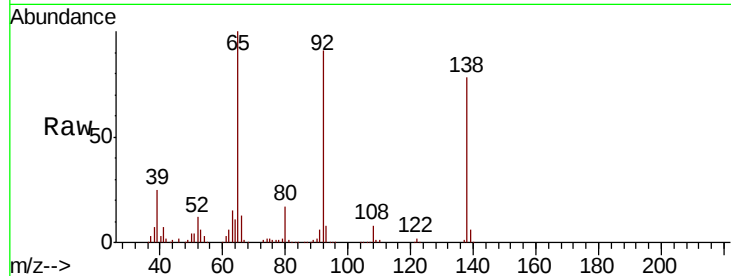




#53
3-Nitroaniline
Concen: 27.173 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF121517.D
Acq: 2 Sep 2020 16:48

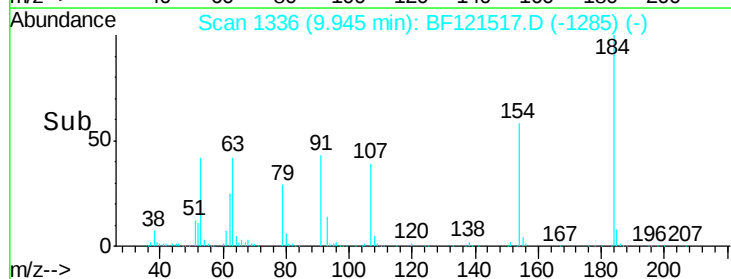
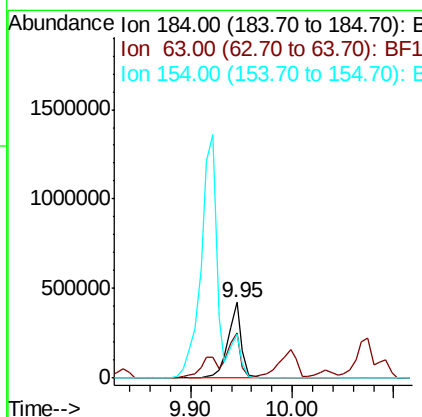
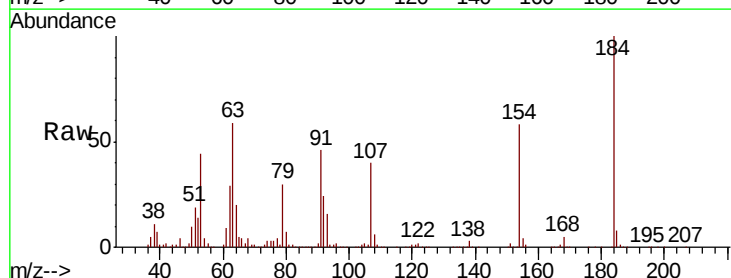
Instrument :
BNA_F
ClientSampleId :
PB131374BS

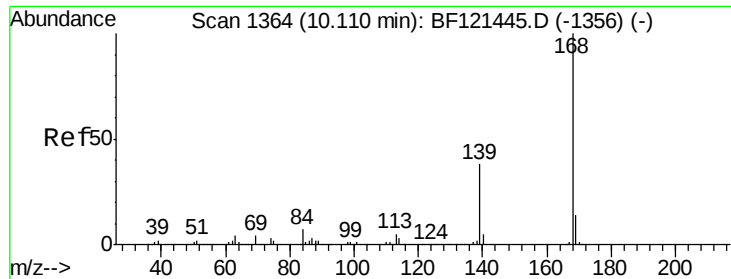
Tot Ion:138 Resp: 270140
Ion Ratio Lower Upper
138 100
108 10.0 8.7 13.1
92 117.0 91.1 136.7



#54
2,4-Dinitrophenol
Concen: 88.686 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BF121517.D
Acq: 2 Sep 2020 16:48

Tgt Ion:184 Resp: 390405
Ion Ratio Lower Upper
184 100
63 59.0 41.8 62.8
154 58.3 45.5 68.3

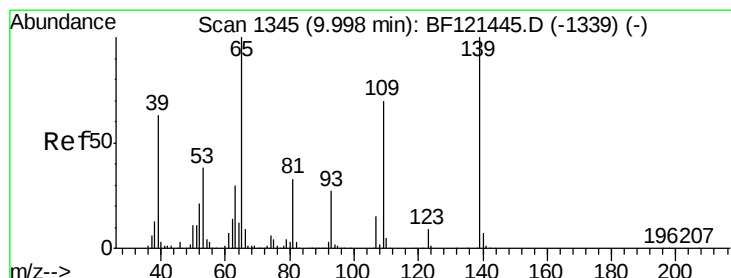
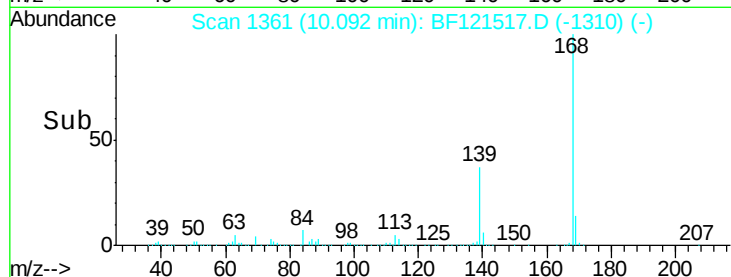
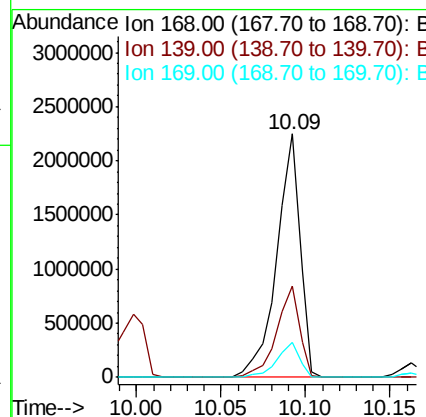
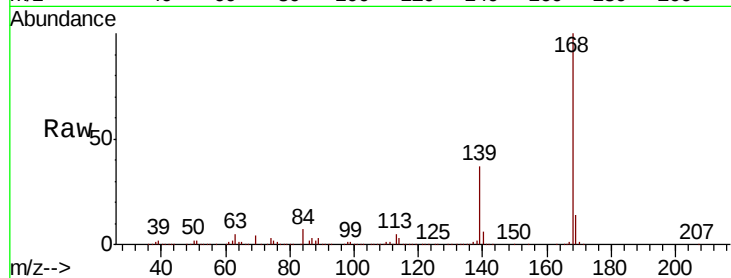




#55
Dibenzofuran
Concen: 37.541 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.00 min
Lab File: BF121517.D
Acq: 2 Sep 2020 16:48

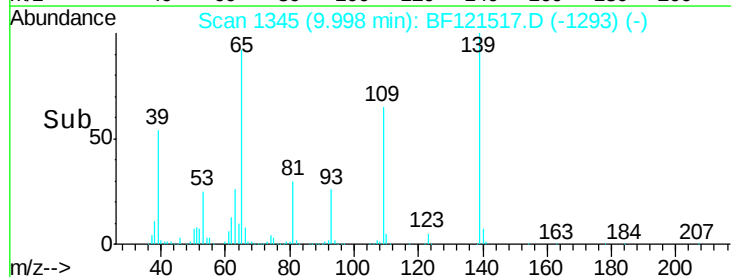
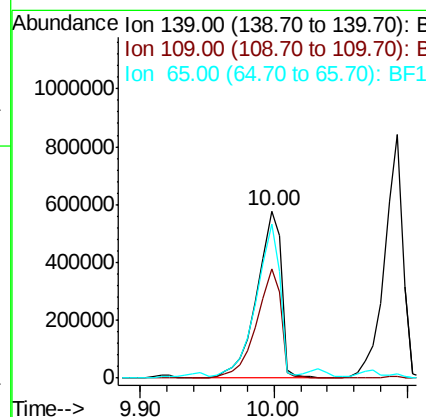
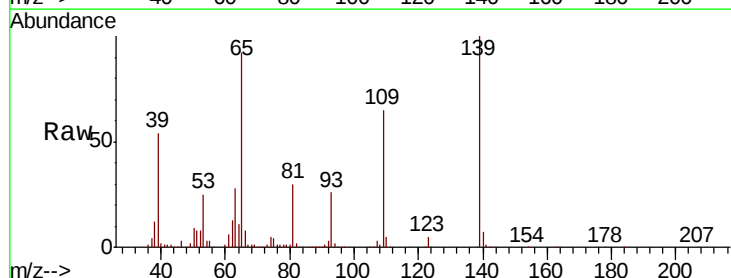
Instrument :
BNA_F
ClientSampleId :
PB131374BS

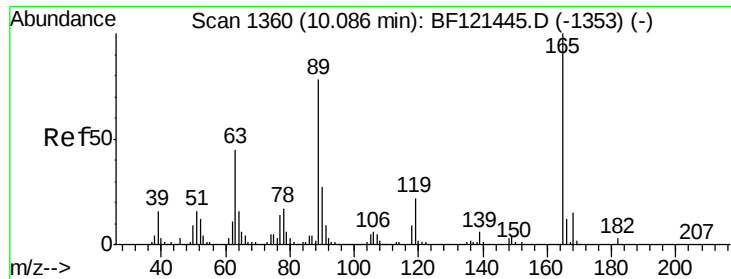
Tot Ion:168 Resp: 2153159
Ion Ratio Lower Upper
168 100
139 37.4 30.4 45.6
169 14.2 11.5 17.3



#56
4-Nitrophenol
Concen: 81.278 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BF121517.D
Acq: 2 Sep 2020 16:48

Tgt Ion:139 Resp: 725756
Ion Ratio Lower Upper
139 100
109 65.2 44.3 84.3
65 92.5 70.2 110.2





#57

2,4-Dinitrotoluene

Concen: 48.508 ng

RT: 10.07 min Scan# 1358

Delta R.T. -0.00 min

Lab File: BF121517.D

Acq: 2 Sep 2020 16:48

Instrument :

BNA_F

ClientSampleId :

PB131374BS

Tot Ion:165 Resp: 517658

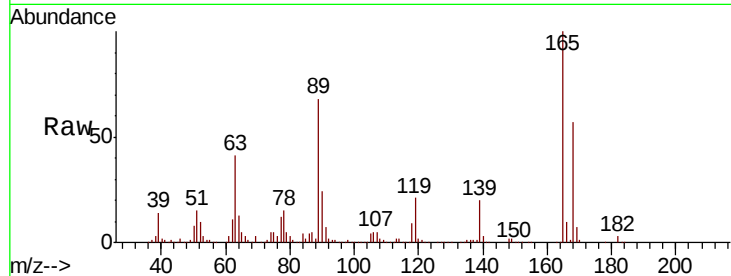
Ion Ratio Lower Upper

165 100

63 41.0 33.6 50.4

89 67.9 56.4 84.6

182 2.5 2.2 3.4

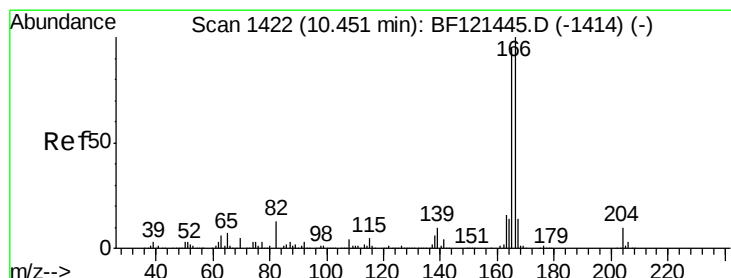
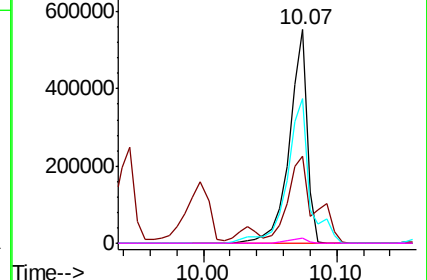
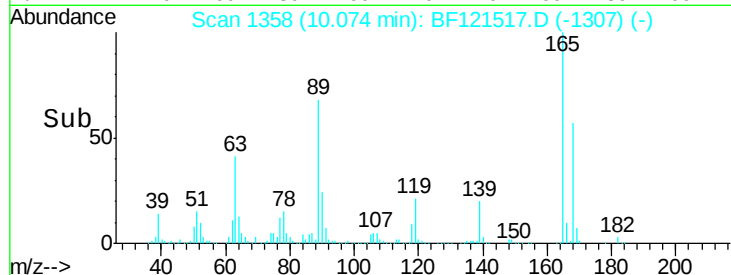


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 38.067 ng

RT: 10.43 min Scan# 1419

Delta R.T. -0.00 min

Lab File: BF121517.D

Acq: 2 Sep 2020 16:48

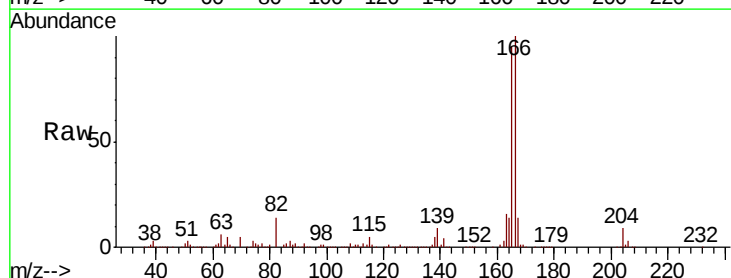
Tgt Ion:166 Resp: 1645852

Ion Ratio Lower Upper

166 100

165 94.7 75.3 112.9

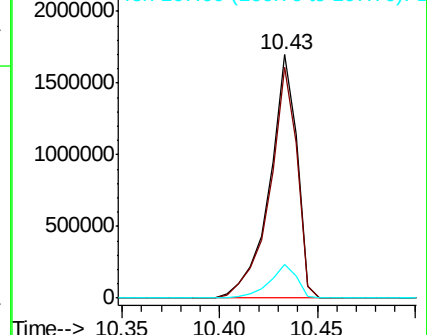
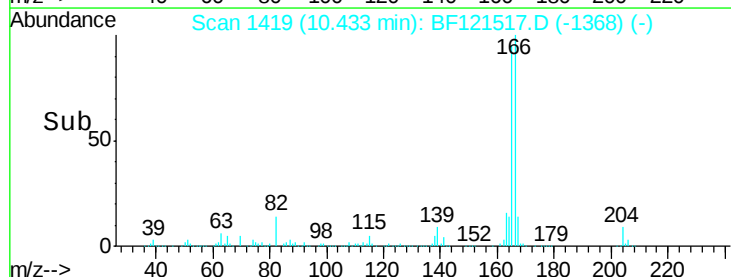
167 13.9 11.1 16.7

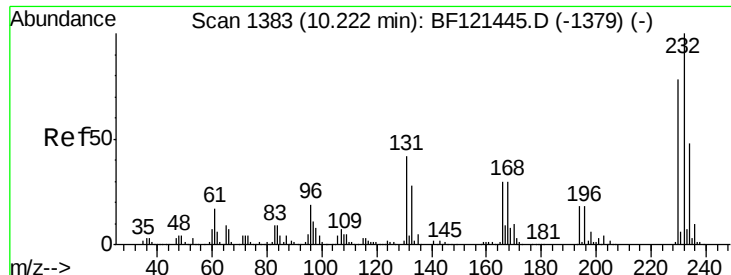


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

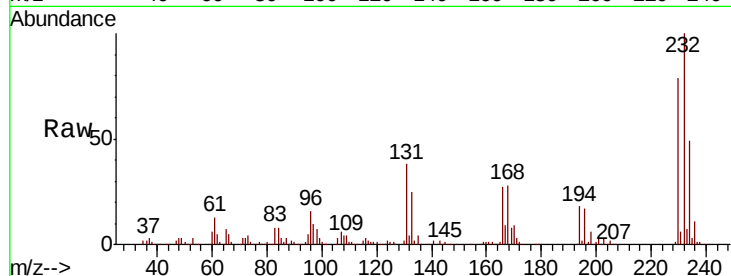




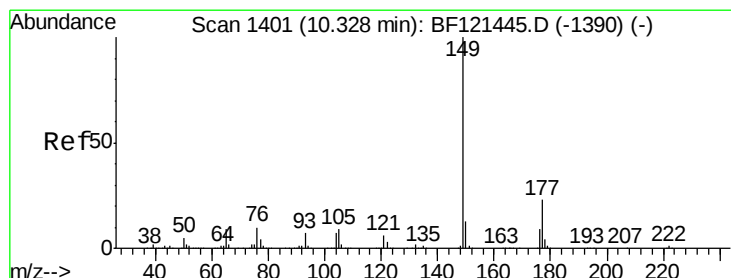
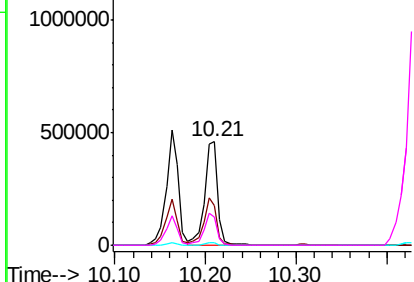
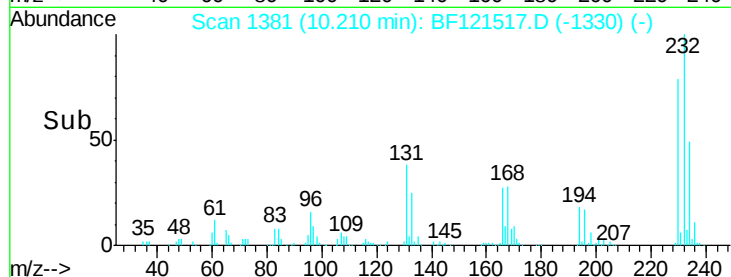
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.807 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: BF121517.D
 Acq: 2 Sep 2020 16:48

Instrument :
 BNA_F
 ClientSampleId :
 PB131374BS

Tot Ion:	232	Resp:	474895
Ion	Ratio	Lower	Upper
232	100		
131	42.9	34.4	51.6
130	2.2	1.8	2.6
166	29.6	23.8	35.6

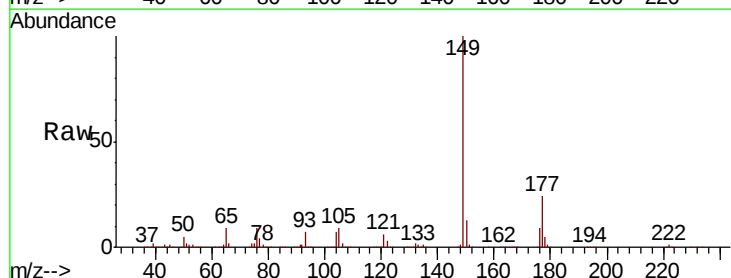


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

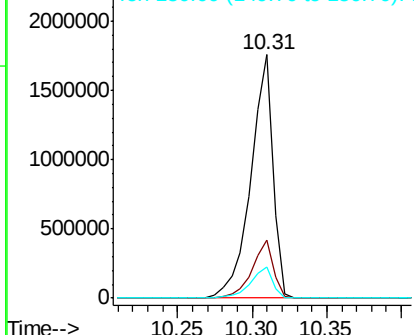
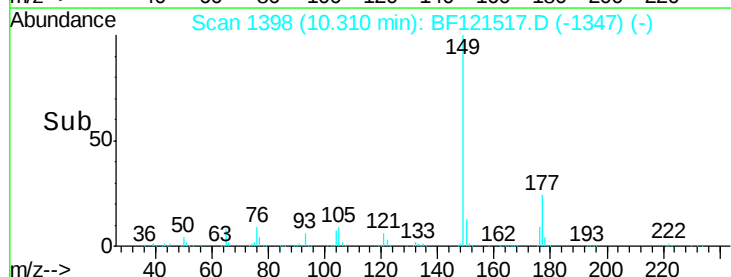


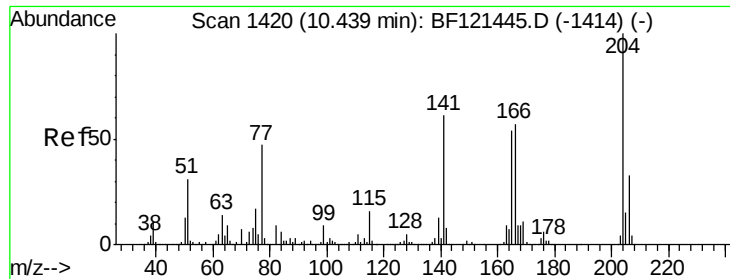
#60
 Diethylphthalate
 Concen: 38.618 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.00 min
 Lab File: BF121517.D
 Acq: 2 Sep 2020 16:48

Tgt Ion:	149	Resp:	1791234
Ion	Ratio	Lower	Upper
149	100		
177	23.6	19.0	28.4
150	13.0	10.3	15.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

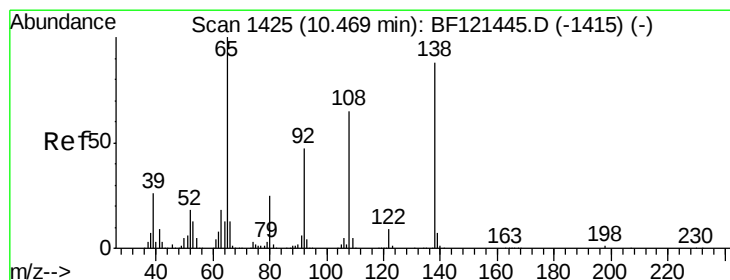
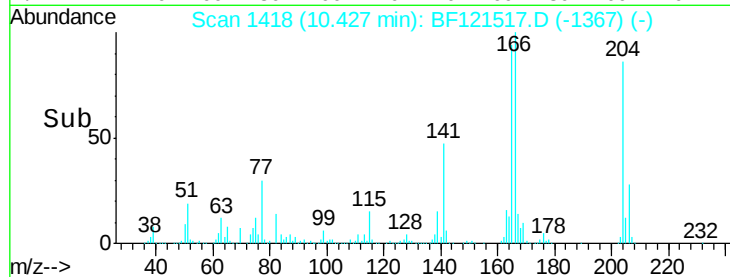
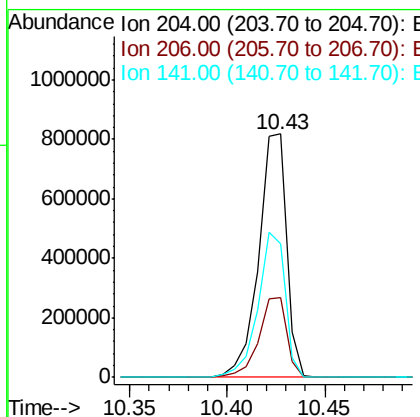
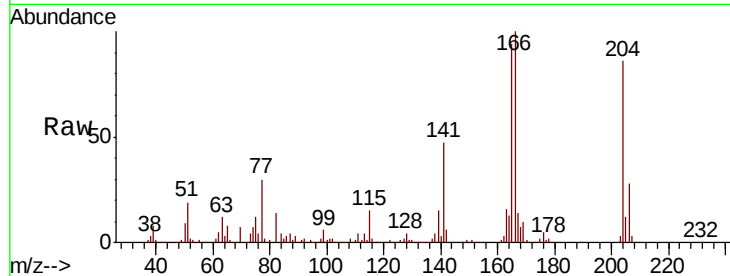




#61
 4-Chlorophenyl-phenylether
 Concen: 37.565 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.00 min
 Lab File: BF121517.D
 Acq: 2 Sep 2020 16:48

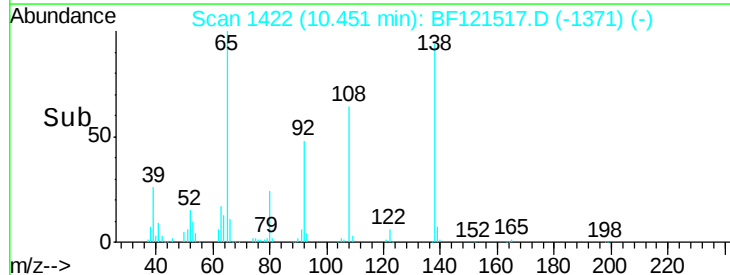
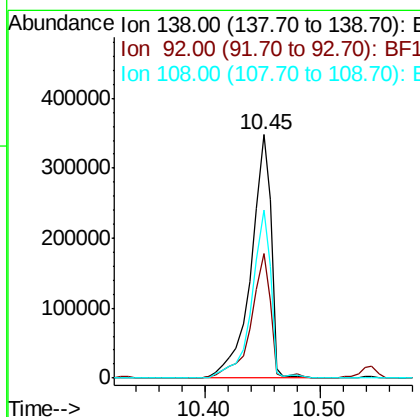
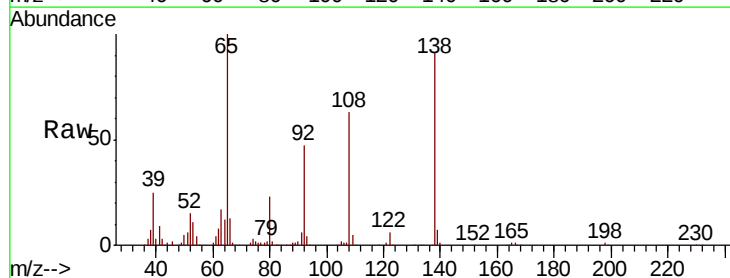
Instrument :
 BNA_F
 ClientSampleID :
 PB131374BS

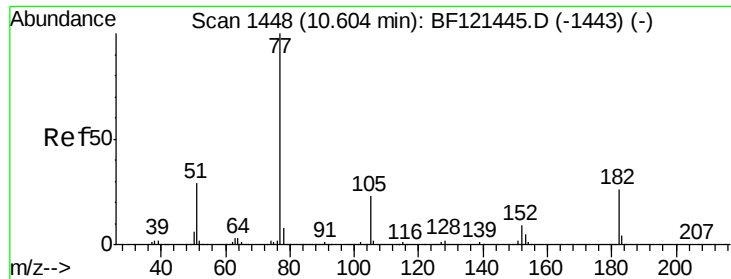
Tot Ion:204 Resp: 813778
 Ion Ratio Lower Upper
 204 100
 206 32.9 26.6 40.0
 141 54.7 44.4 66.6



#62
 4-Nitroaniline
 Concen: 38.056 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.00 min
 Lab File: BF121517.D
 Acq: 2 Sep 2020 16:48

Tgt Ion:138 Resp: 417621
 Ion Ratio Lower Upper
 138 100
 92 51.1 32.2 72.2
 108 69.0 49.1 89.1





#63

Azobenzene

Concen: 37.084 ng

RT: 10.59 min Scan# 1445

Delta R.T. -0.00 min

Lab File: BF121517.D

Acq: 2 Sep 2020 16:48

Instrument :

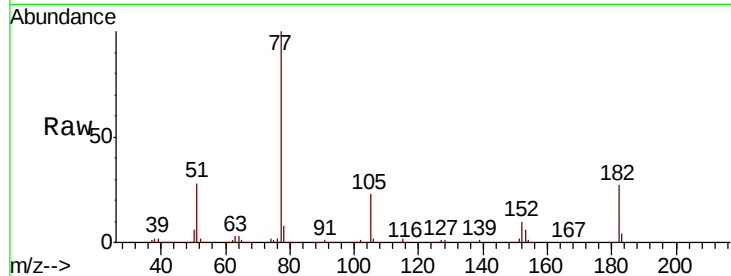
BNA_F

ClientSampleId :

PB131374BS

Tot Ion: 77 Resp: 1700997

Ion	Ratio	Lower	Upper
77	100		
182	27.3	6.8	46.8
105	23.4	3.0	43.0
51	28.5	8.3	48.3

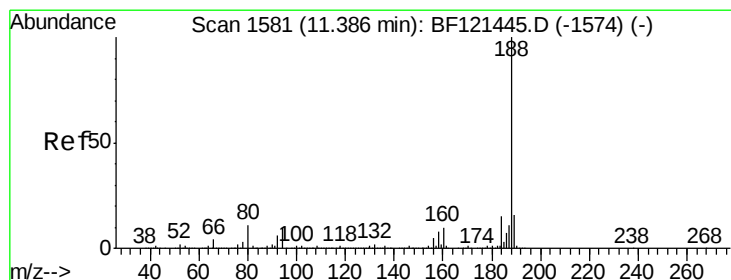
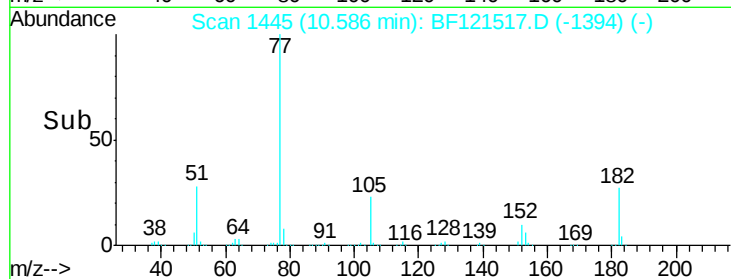
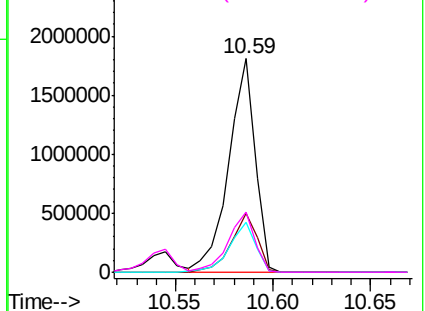


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1578

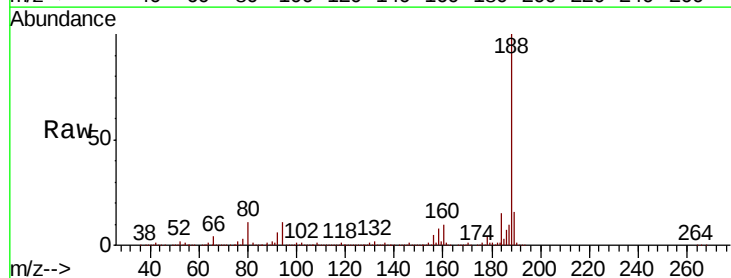
Delta R.T. -0.00 min

Lab File: BF121517.D

Acq: 2 Sep 2020 16:48

Tgt Ion: 188 Resp: 1303984

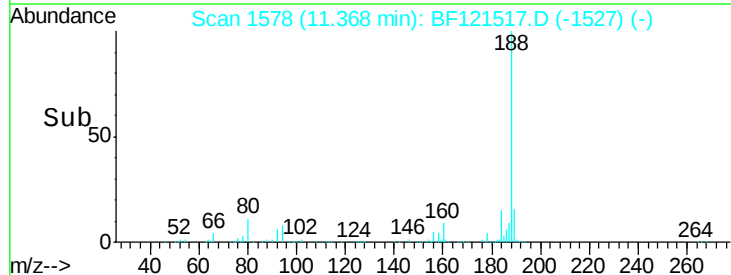
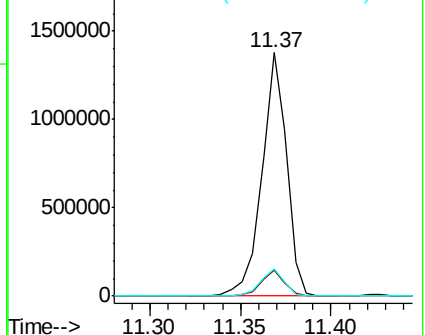
Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.8	13.2
80	11.0	9.1	13.7

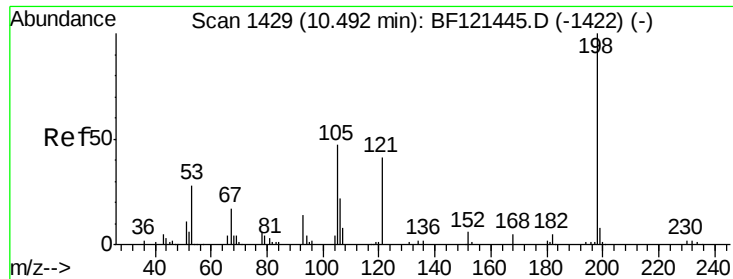


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 60.025 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.00 min

Lab File: BF121517.D

Acq: 2 Sep 2020 16:48

Instrument :

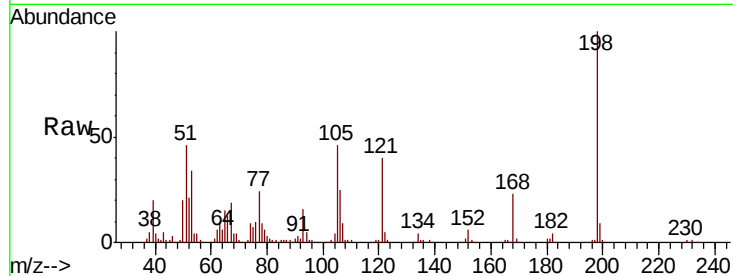
BNA_F

ClientSampleId :

PB131374BS

Tot Ion:198 Resp: 263481

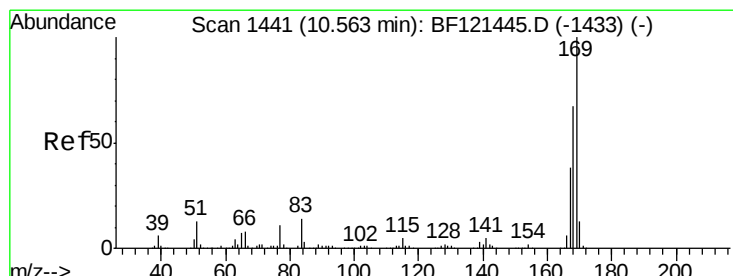
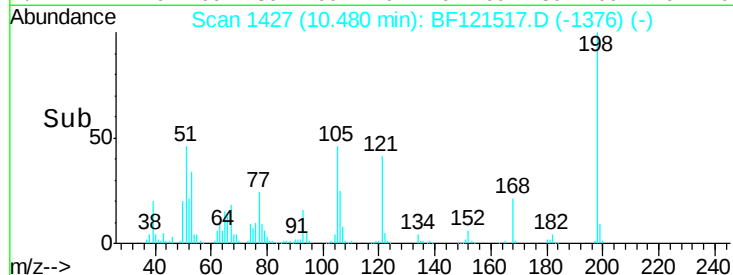
Ion	Ratio	Lower	Upper
198	100		
51	45.5	24.9	64.9
105	46.0	25.8	65.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 37.180 ng

RT: 10.54 min Scan# 1438

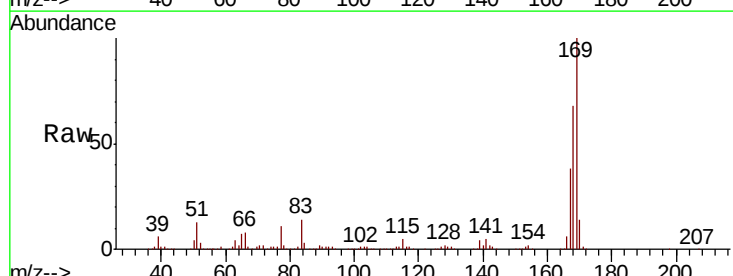
Delta R.T. -0.00 min

Lab File: BF121517.D

Acq: 2 Sep 2020 16:48

Tgt Ion:169 Resp: 1533370

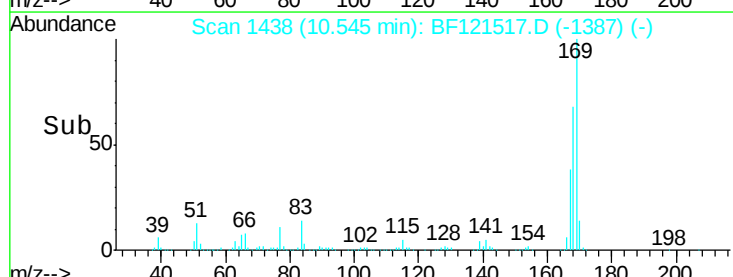
Ion	Ratio	Lower	Upper
169	100		
168	67.7	53.8	80.8
167	38.2	29.8	44.8



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

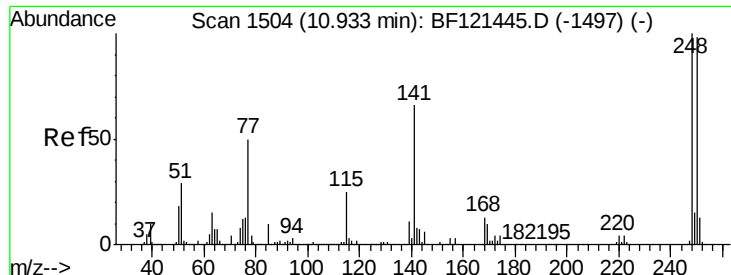
Ion 167.00 (166.70 to 167.70): E



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

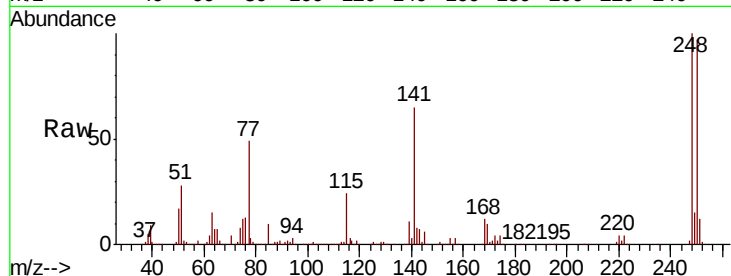
Ion 167.00 (166.70 to 167.70): E



#67
 4-Bromophenyl-phenylether
 Concen: 36.712 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. -0.00 min
 Lab File: BF121517.D
 Acq: 2 Sep 2020 16:48

Instrument :
 BNA_F
 ClientSampleId :
 PB131374BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.9	77.8	116.6
141	65.4	56.4	84.6

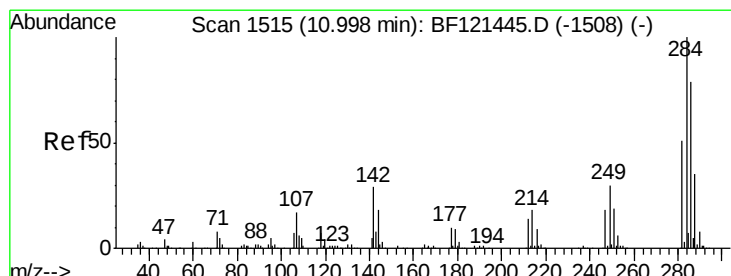
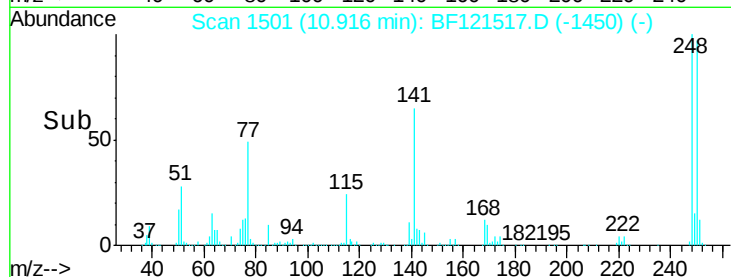
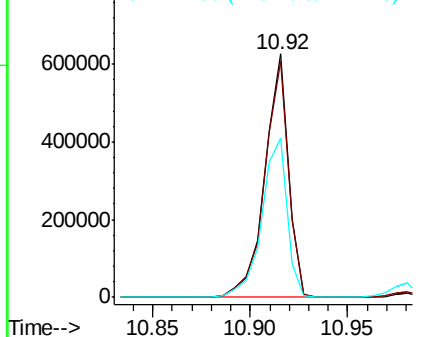


Abundance

Ion 248.00 (247.70 to 248.70): E

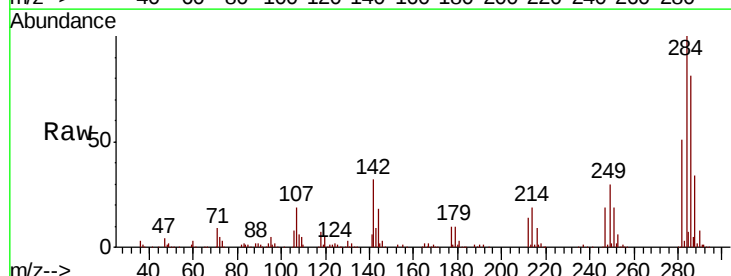
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 36.702 ng
 RT: 10.98 min Scan# 1512
 Delta R.T. -0.00 min
 Lab File: BF121517.D
 Acq: 2 Sep 2020 16:48

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.6	26.1	39.1
249	29.8	24.2	36.4

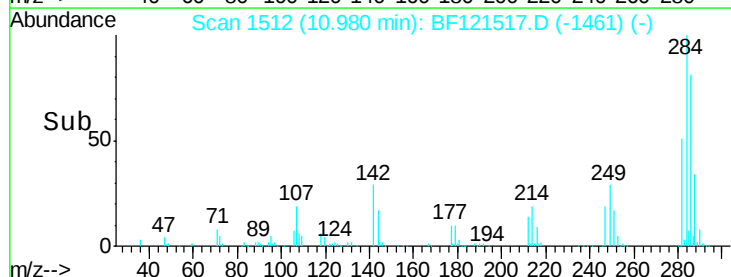
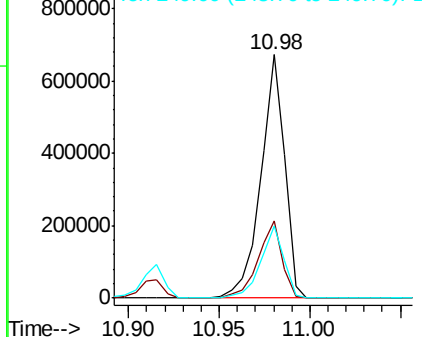


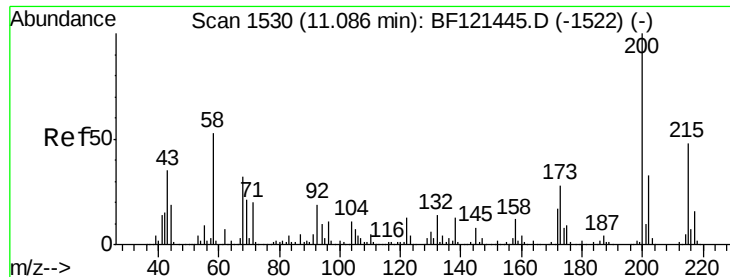
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 32.786 ng

RT: 11.07 min Scan# 1527

Delta R.T. -0.00 min

Lab File: BF121517.D

Acq: 2 Sep 2020 16:48

Instrument :

BNA_F

ClientSampleId :

PB131374BS

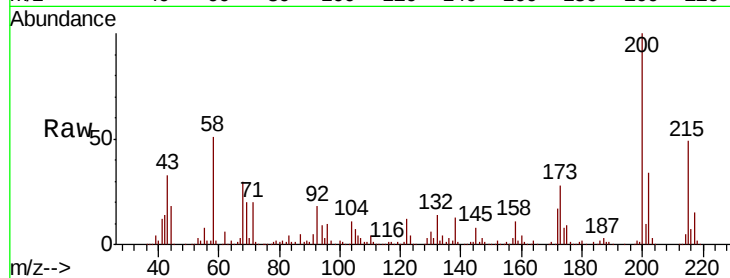
Tot Ion:200 Resp: 392146

Ion Ratio Lower Upper

200 100

173 28.2 8.0 48.0

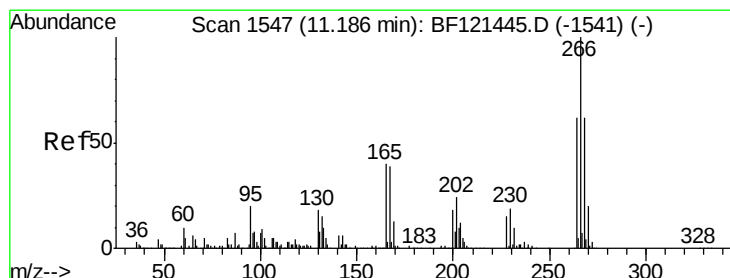
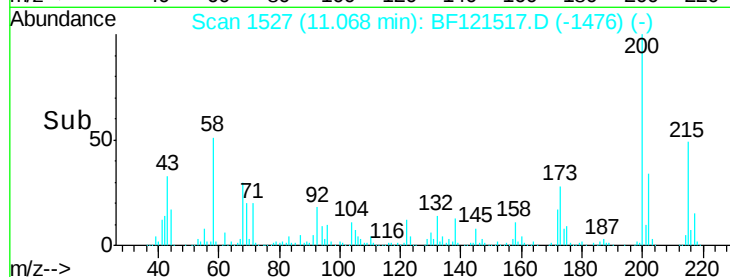
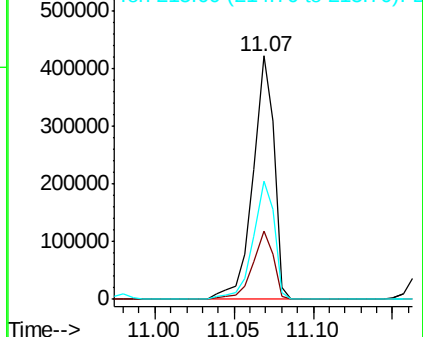
215 48.7 28.1 68.1



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 92.371 ng

RT: 11.17 min Scan# 1545

Delta R.T. -0.00 min

Lab File: BF121517.D

Acq: 2 Sep 2020 16:48

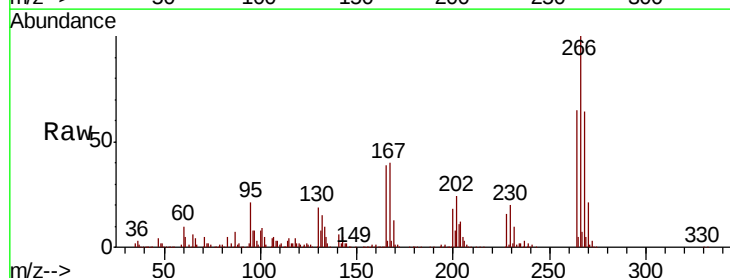
Tgt Ion:266 Resp: 707889

Ion Ratio Lower Upper

266 100

268 64.1 51.1 76.7

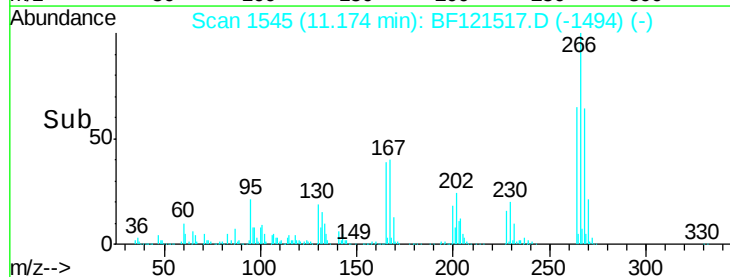
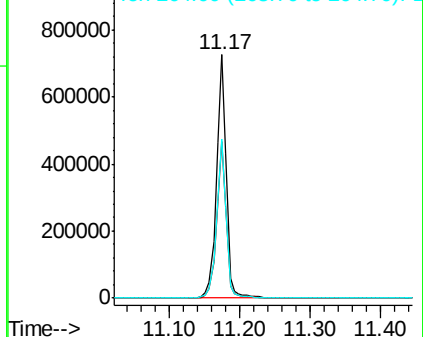
264 65.3 50.1 75.1

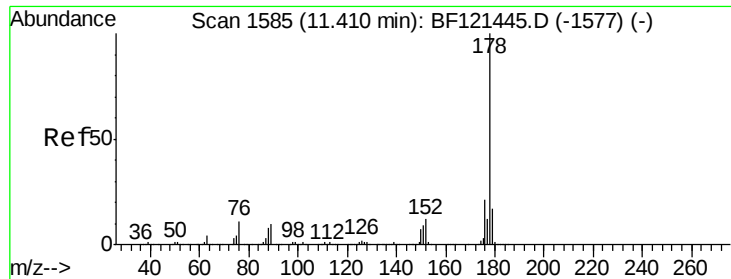


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 35.934 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BF121517.D

Acq: 2 Sep 2020 16:48

Instrument :

BNA_F

ClientSampleId :

PB131374BS

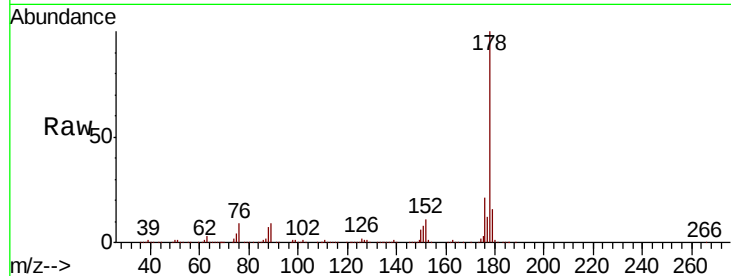
Tot Ion:178 Resp: 2404635

Ion Ratio Lower Upper

178 100

176 21.1 17.0 25.4

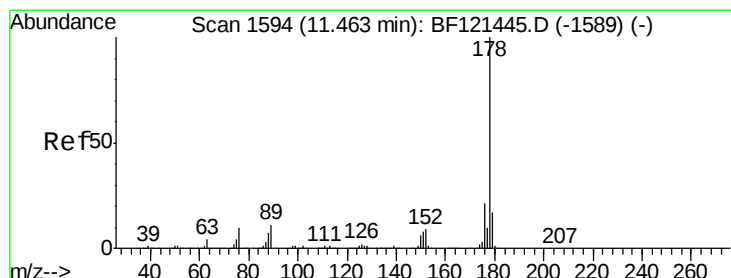
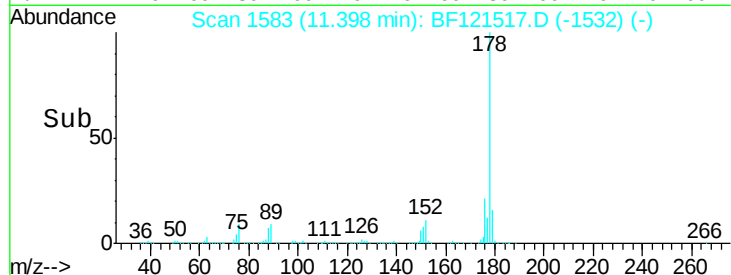
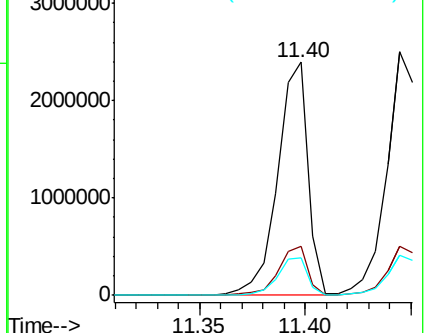
179 16.3 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 37.558 ng

RT: 11.44 min Scan# 1591

Delta R.T. -0.00 min

Lab File: BF121517.D

Acq: 2 Sep 2020 16:48

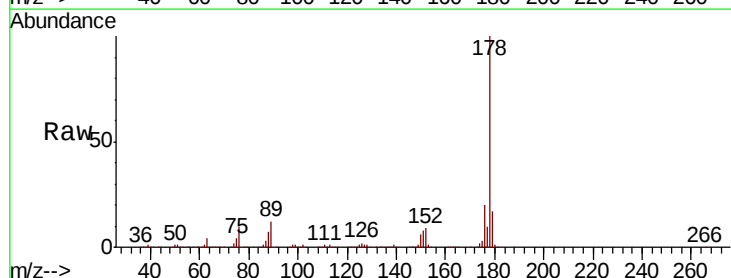
Tgt Ion:178 Resp: 2471937

Ion Ratio Lower Upper

178 100

176 20.4 16.2 24.2

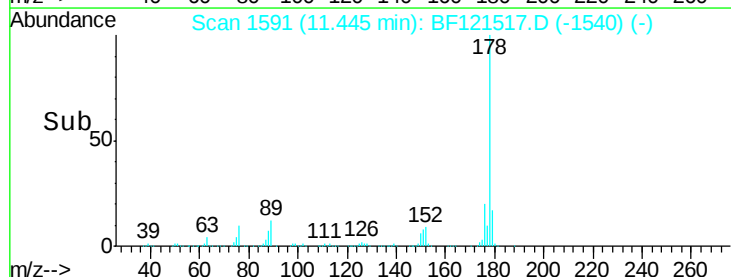
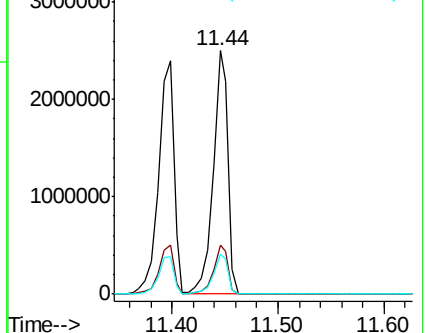
179 16.7 13.4 20.0

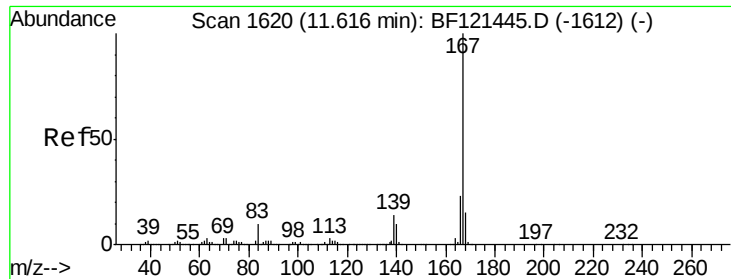


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

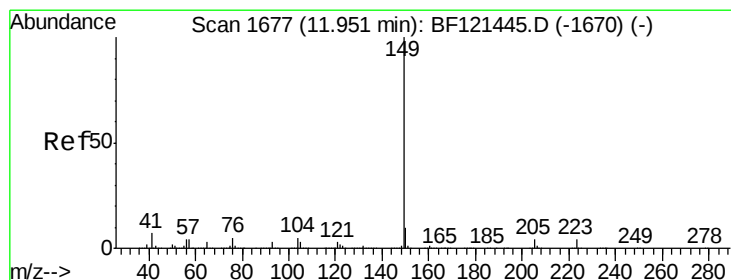
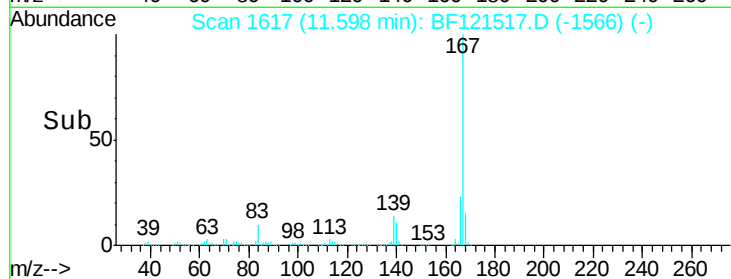
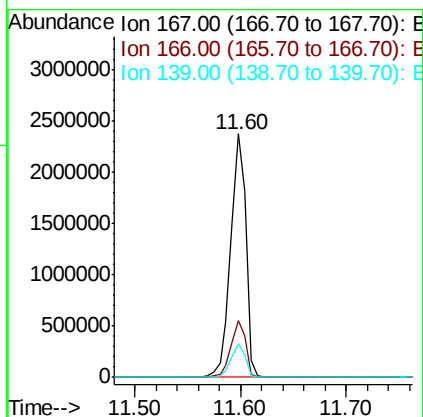
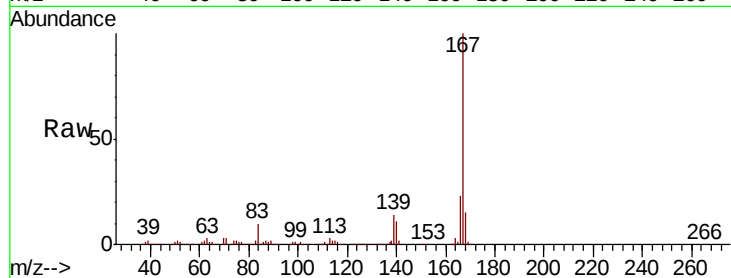




#73
 Carbazole
 Concen: 36.988 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.00 min
 Lab File: BF121517.D
 Acq: 2 Sep 2020 16:48

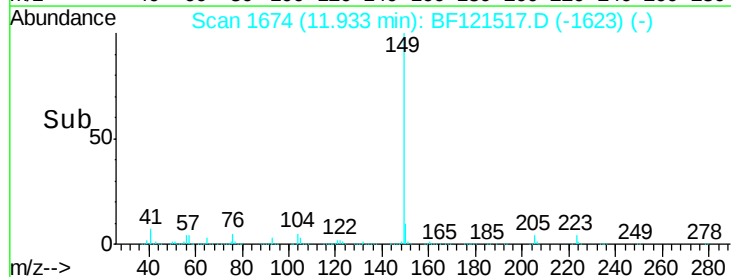
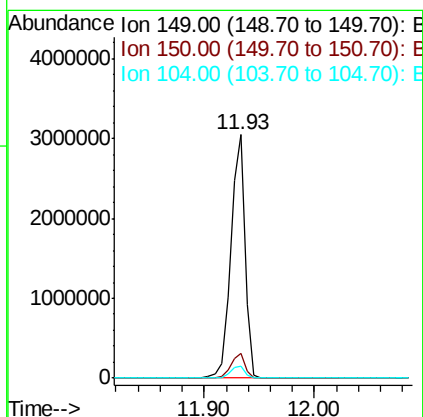
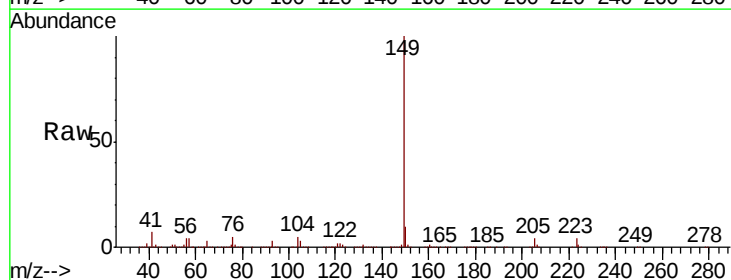
Instrument :
 BNA_F
 ClientSampleId :
 PB131374BS

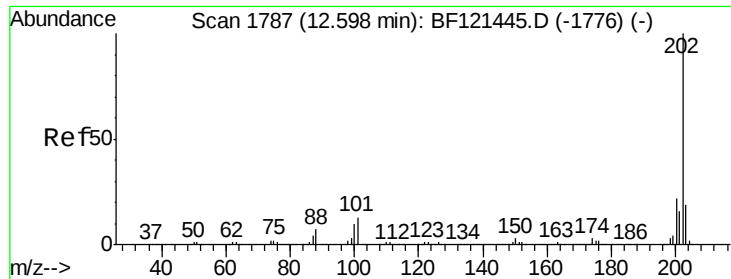
Tot Ion:167 Resp: 2347528
 Ion Ratio Lower Upper
 167 100
 166 23.2 18.2 27.4
 139 13.8 11.0 16.4



#74
 Di-n-butylphthalate
 Concen: 38.891 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. -0.00 min
 Lab File: BF121517.D
 Acq: 2 Sep 2020 16:48

Tgt Ion:149 Resp: 2742008
 Ion Ratio Lower Upper
 149 100
 150 10.1 8.0 12.0
 104 5.0 4.0 6.0

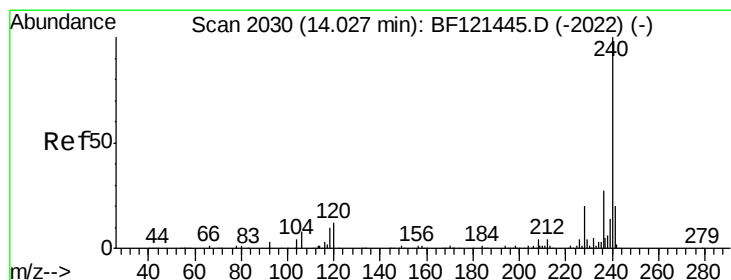
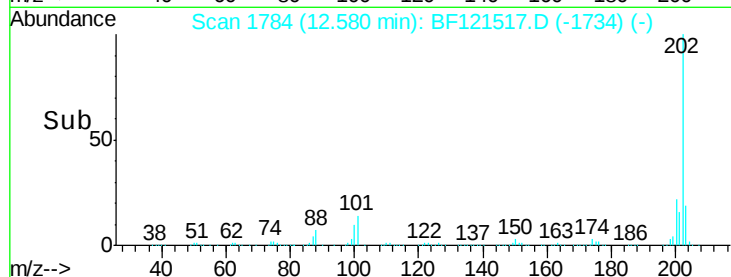
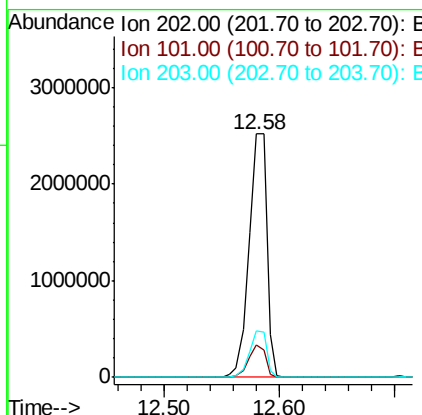
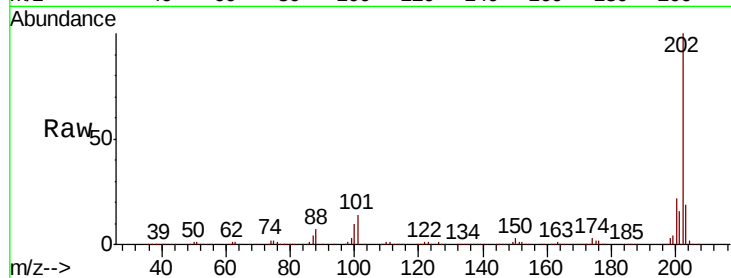




#75
Fluoranthene
Concen: 37.484 ng
RT: 12.58 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BF121517.D
Acq: 2 Sep 2020 16:48

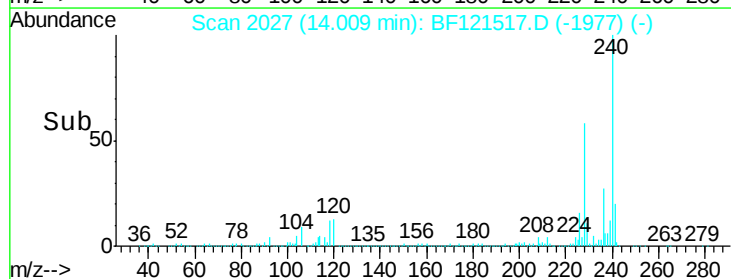
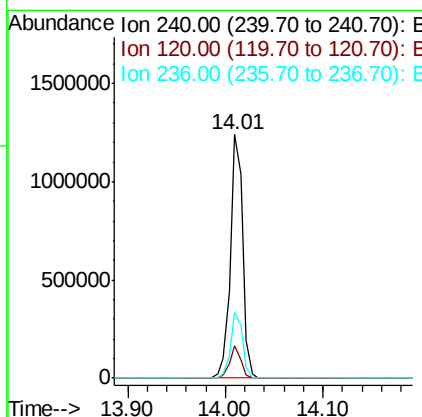
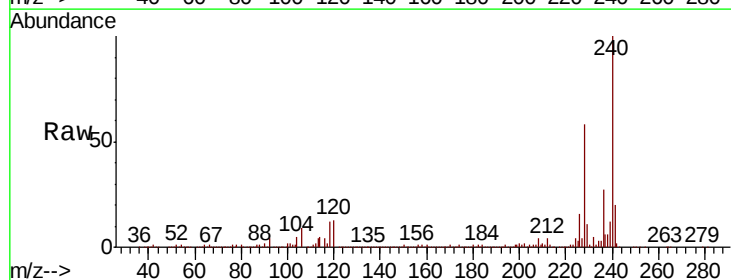
Instrument :
BNA_F
ClientSampleId :
PB131374BS

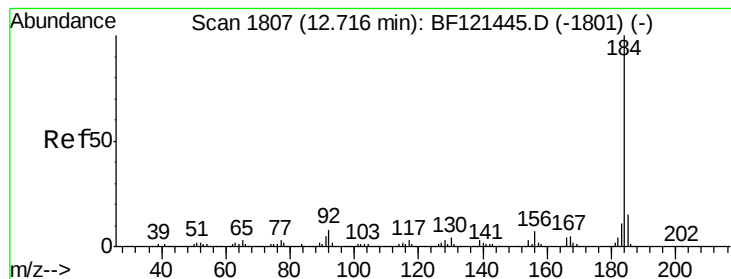
Tot Ion:202 Resp: 2703379
Ion Ratio Lower Upper
202 100
101 13.5 0.0 31.6
203 19.3 0.0 38.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF121517.D
Acq: 2 Sep 2020 16:48

Tgt Ion:240 Resp: 1083456
Ion Ratio Lower Upper
240 100
120 13.4 8.0 12.0#
236 26.8 21.4 32.2





#77

Benzidine

Concen: 64.503 ng

RT: 12.70 min Scan# 1805

Delta R.T. -0.00 min

Lab File: BF121517.D

Acq: 2 Sep 2020 16:48

Instrument :

BNA_F

ClientSampleId :

PB131374BS

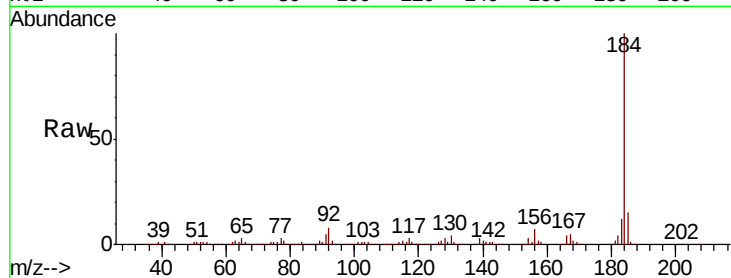
Tot Ion:184 Resp: 1524180

Ion Ratio Lower Upper

184 100

185 15.0 11.5 17.3

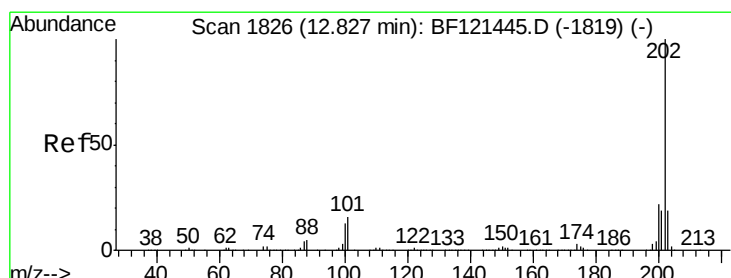
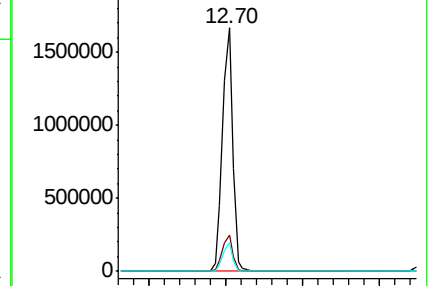
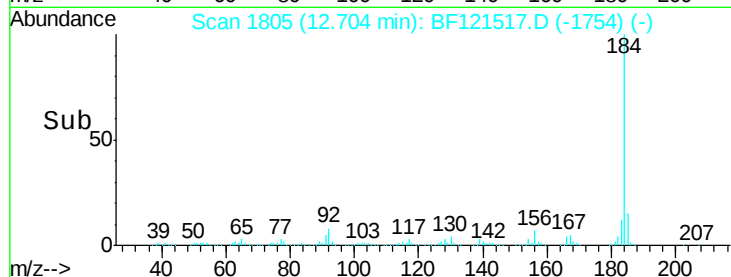
183 11.6 9.0 13.6



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: 35.687 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF121517.D

Acq: 2 Sep 2020 16:48

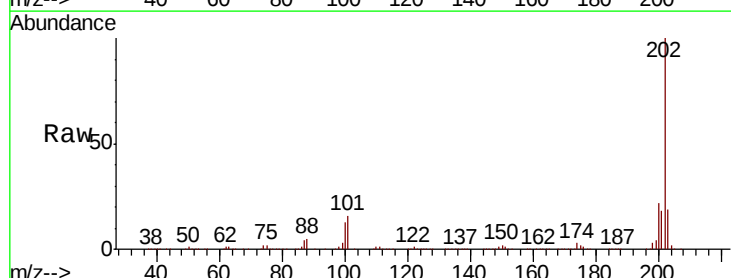
Tgt Ion:202 Resp: 2761373

Ion Ratio Lower Upper

202 100

200 22.2 17.7 26.5

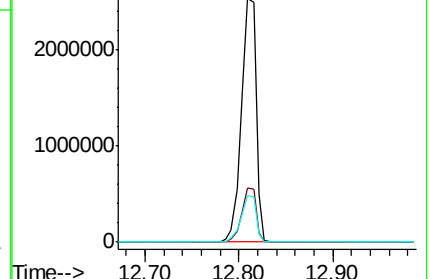
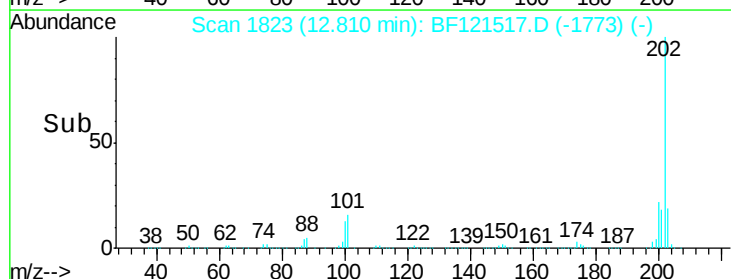
203 19.2 15.0 22.4

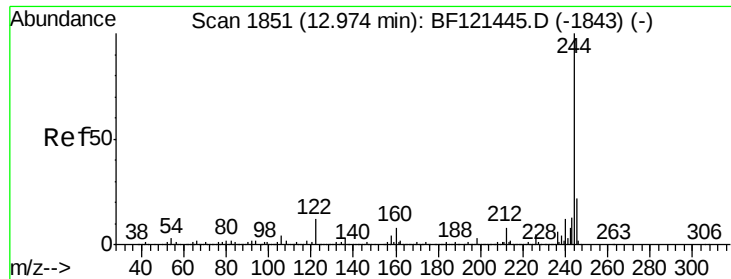


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 60.657 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.00 min

Lab File: BF121517.D

Acq: 2 Sep 2020 16:48

Instrument :

BNA_F

ClientSampleId :

PB131374BS

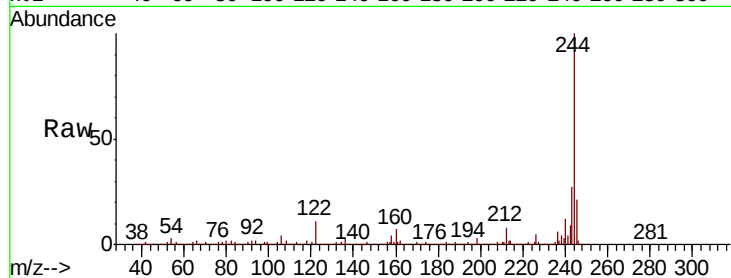
Tot Ion:244 Resp: 3122118

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

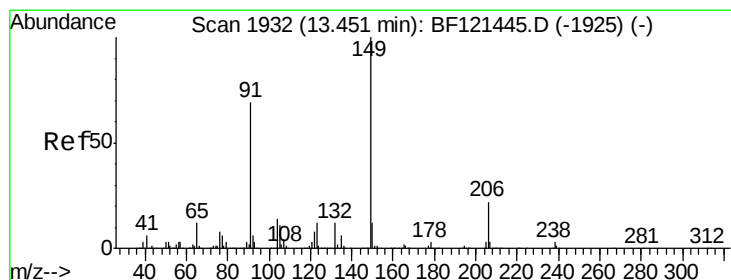
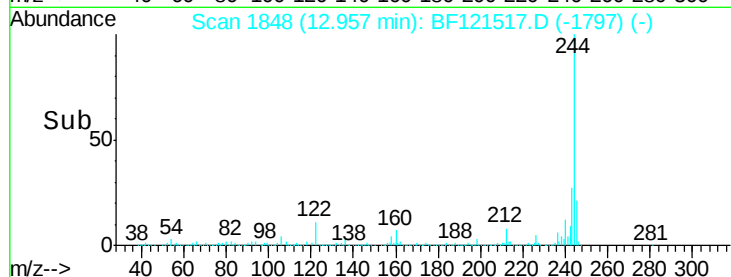
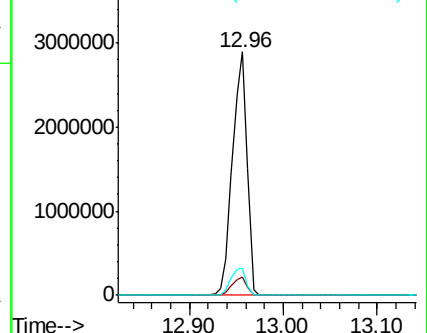
122 11.4 9.3 13.9



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: 42.207 ng

RT: 13.43 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BF121517.D

Acq: 2 Sep 2020 16:48

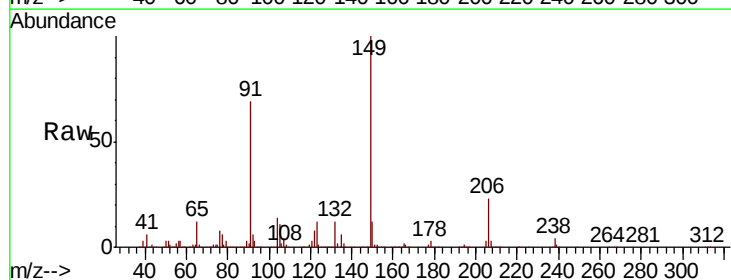
Tgt Ion:149 Resp: 1258185

Ion Ratio Lower Upper

149 100

91 68.7 54.9 82.3

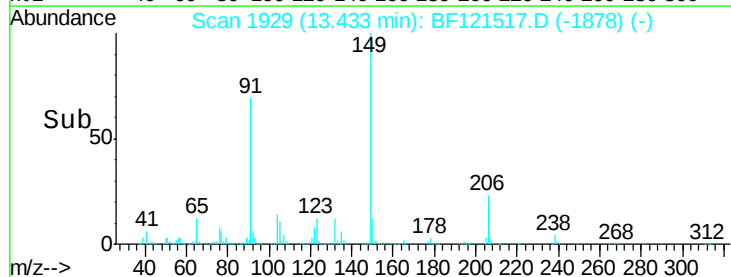
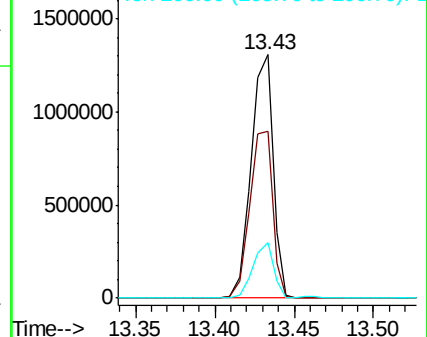
206 22.7 18.0 27.0

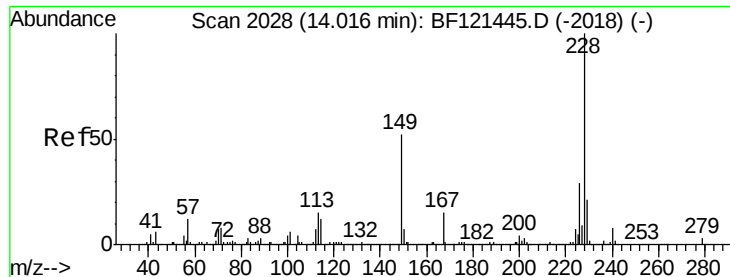


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 35.418 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.00 min

Lab File: BF121517.D

Acq: 2 Sep 2020 16:48

Instrument :

BNA_F

ClientSampleId :

PB131374BS

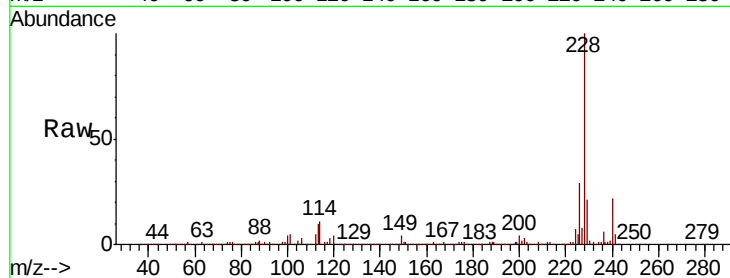
Tot Ion:228 Resp: 2342555

Ion Ratio Lower Upper

228 100

226 28.9 23.3 34.9

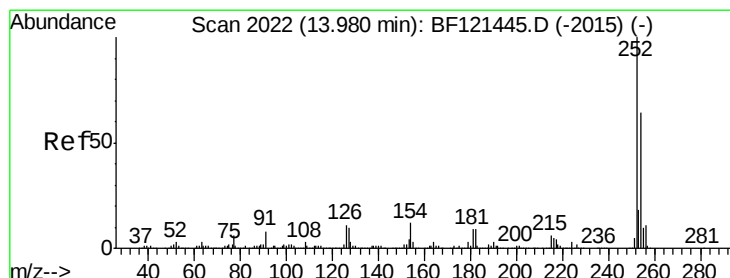
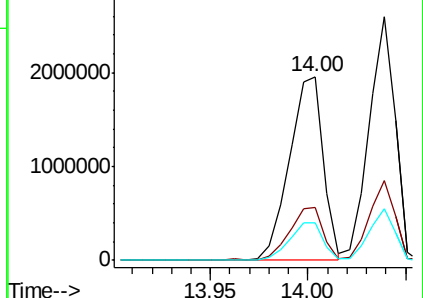
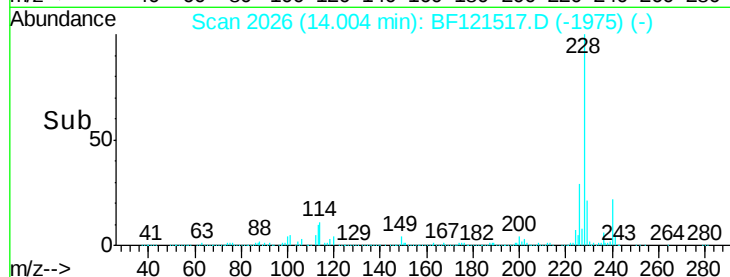
229 20.5 16.4 24.6



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: 27.649 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BF121517.D

Acq: 2 Sep 2020 16:48

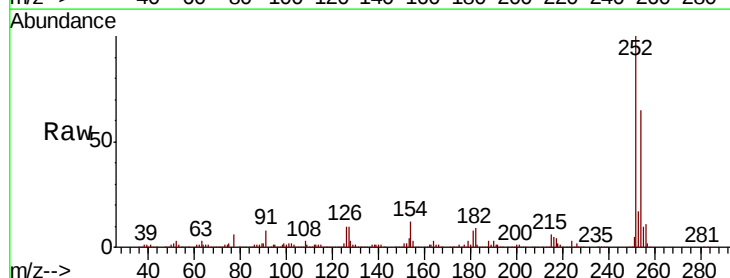
Tgt Ion:252 Resp: 669816

Ion Ratio Lower Upper

252 100

254 65.5 50.8 76.2

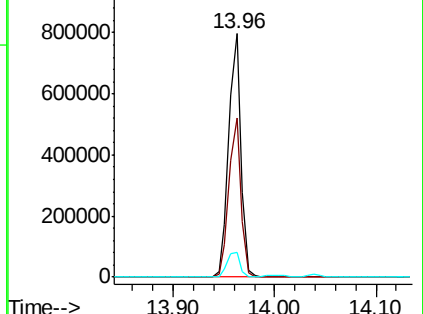
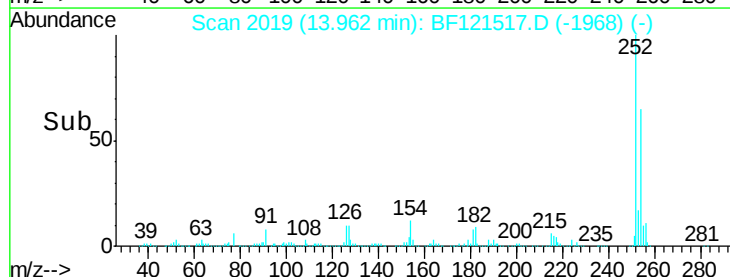
126 10.4 9.3 13.9

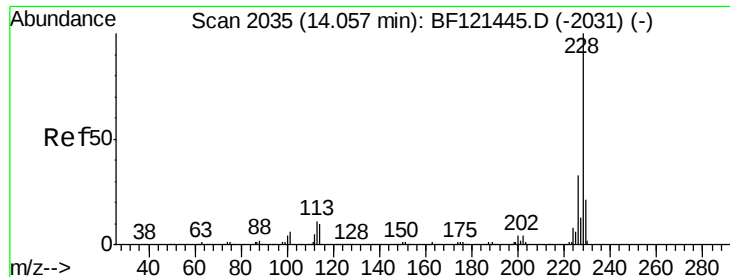


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 36.311 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.00 min

Lab File: BF121517.D

Acq: 2 Sep 2020 16:48

Instrument :

BNA_F

ClientSampleId :

PB131374BS

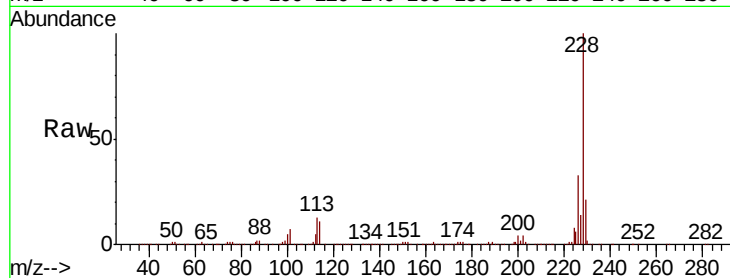
Tot Ion:228 Resp: 2402703

Ion Ratio Lower Upper

228 100

226 32.9 26.5 39.7

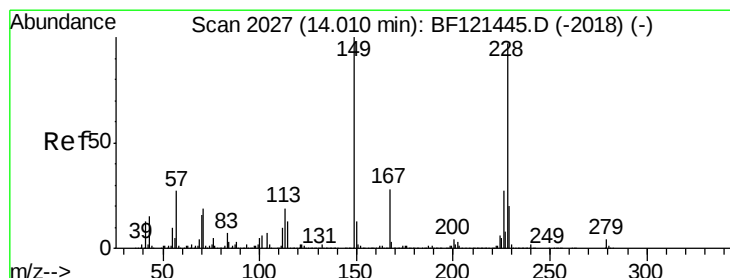
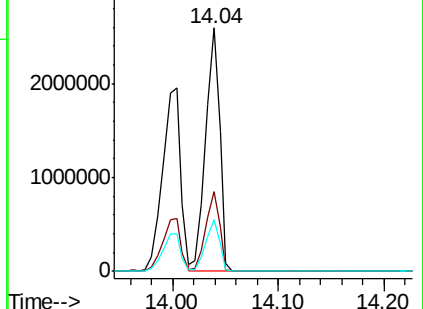
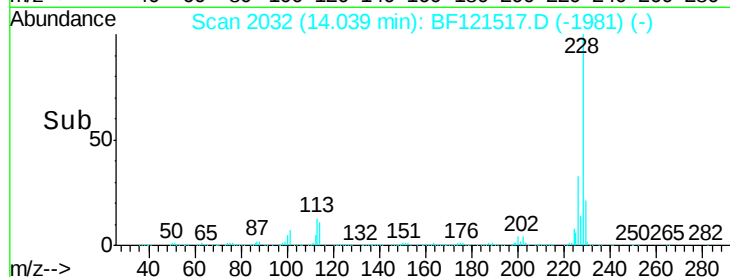
229 21.3 17.1 25.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.591 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BF121517.D

Acq: 2 Sep 2020 16:48

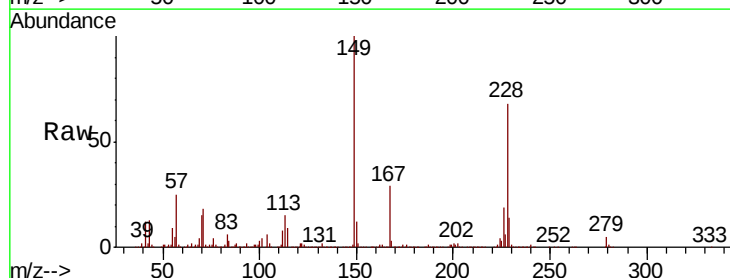
Tgt Ion:149 Resp: 1639794

Ion Ratio Lower Upper

149 100

167 28.7 22.9 34.3

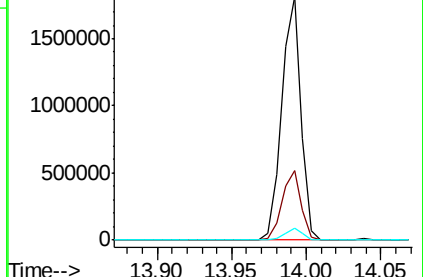
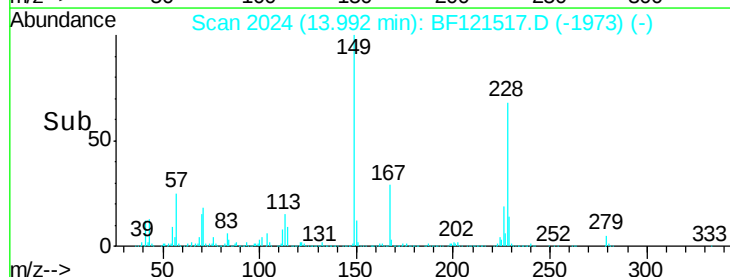
279 5.0 4.0 6.0

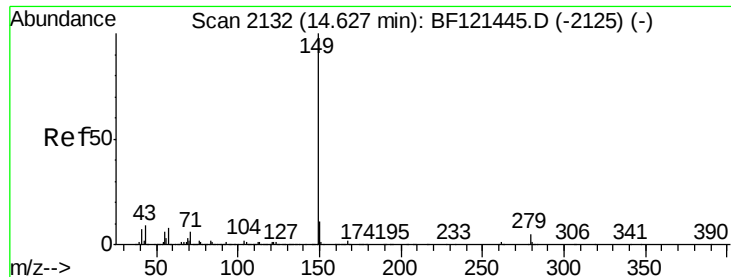


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

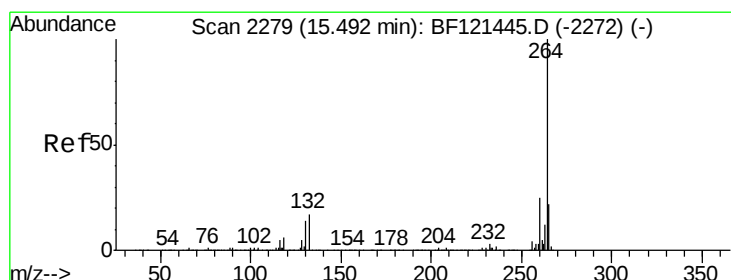
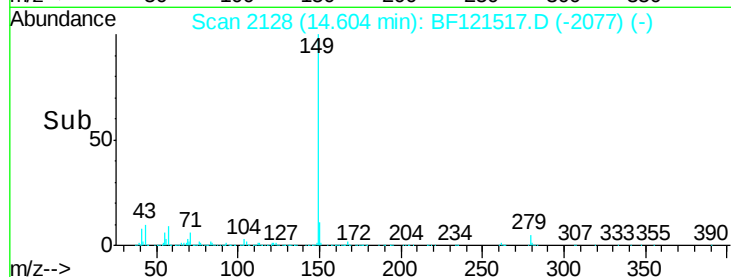
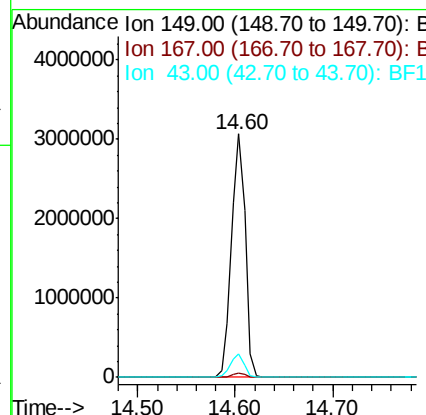
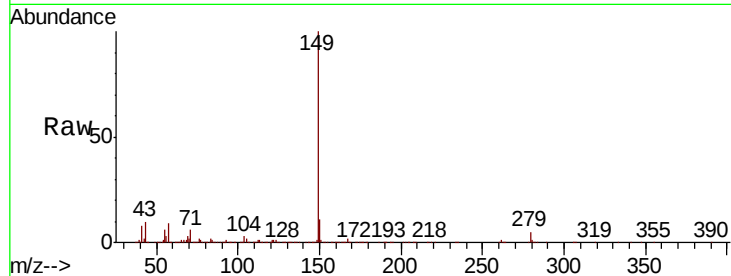




#85
Di-n-octyl phthalate
Concen: 46.021 ng
RT: 14.60 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BF121517.D
Acq: 2 Sep 2020 16:48

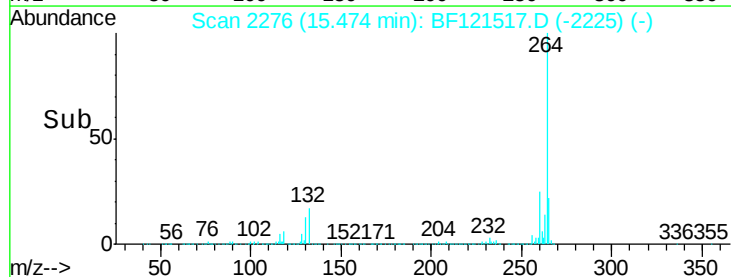
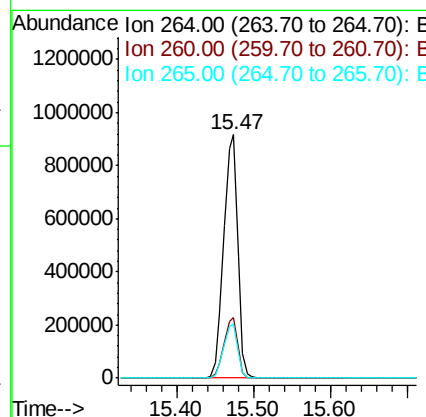
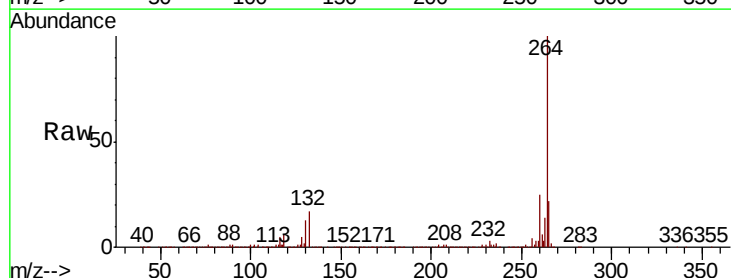
Instrument :
BNA_F
ClientSampleId :
PB131374BS

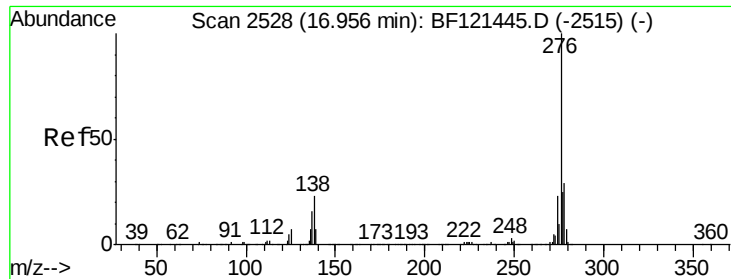
Tot Ion:149 Resp: 3002749
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 9.6 7.8 11.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.00 min
Lab File: BF121517.D
Acq: 2 Sep 2020 16:48

Tgt Ion:264 Resp: 1149444
Ion Ratio Lower Upper
264 100
260 24.8 19.7 29.5
265 22.3 17.4 26.2

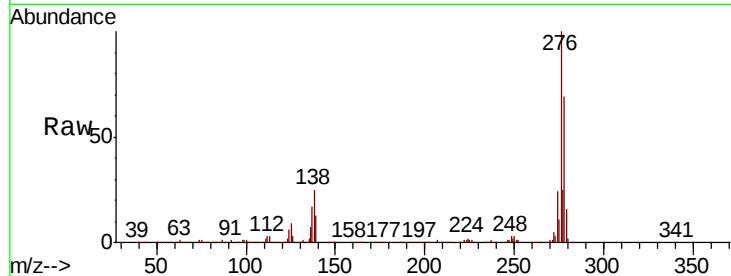




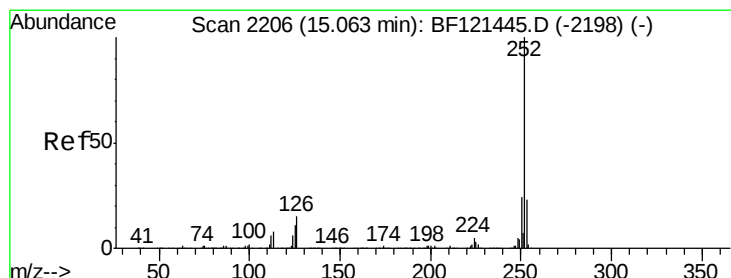
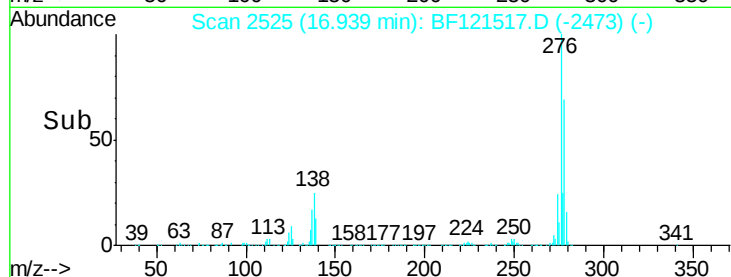
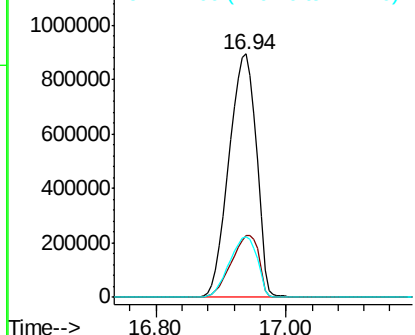
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 37.069 ng
 RT: 16.94 min Scan# 2525
 Delta R.T. 0.01 min
 Lab File: BF121517.D
 Acq: 2 Sep 2020 16:48

Instrument :
 BNA_F
 ClientSampleId :
 PB131374BS

Tot Ion:276 Resp: 2621610
 Ion Ratio Lower Upper
 276 100
 138 25.7 20.7 31.1
 277 25.3 20.4 30.6

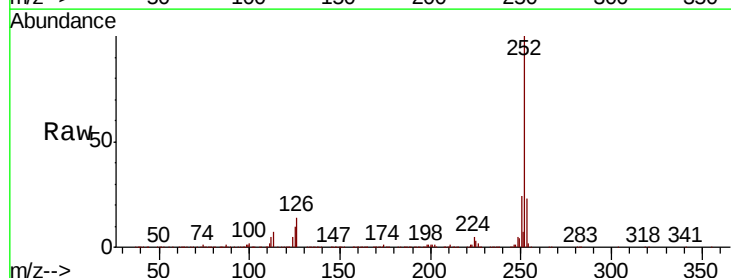


Abundance Ion 276.00 (275.70 to 276.70): E
 1200000 Ion 138.00 (137.70 to 138.70): E
 1000000 Ion 277.00 (276.70 to 277.70): E

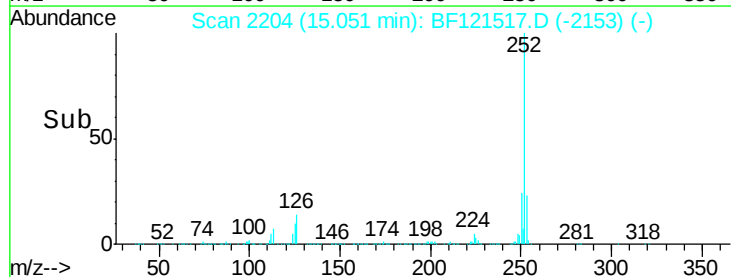
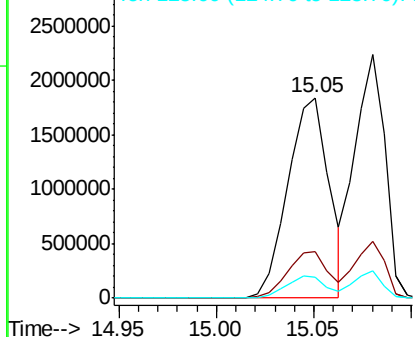


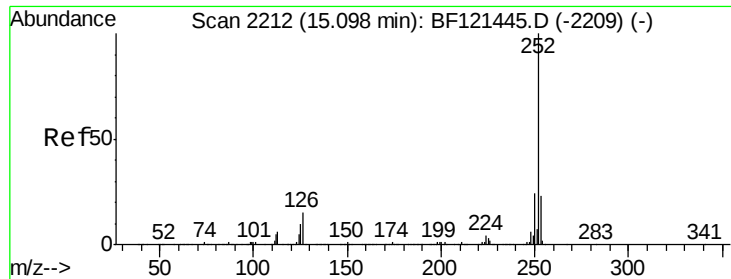
#88
 Benzo(b)fluoranthene
 Concen: 36.031 ng
 RT: 15.05 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: BF121517.D
 Acq: 2 Sep 2020 16:48

Tgt Ion:252 Resp: 2694074
 Ion Ratio Lower Upper
 252 100
 253 23.0 18.3 27.5
 125 10.2 8.2 12.2



Abundance Ion 252.00 (251.70 to 252.70): E
 3000000 Ion 253.00 (252.70 to 253.70): E
 2500000 Ion 125.00 (124.70 to 125.70): E

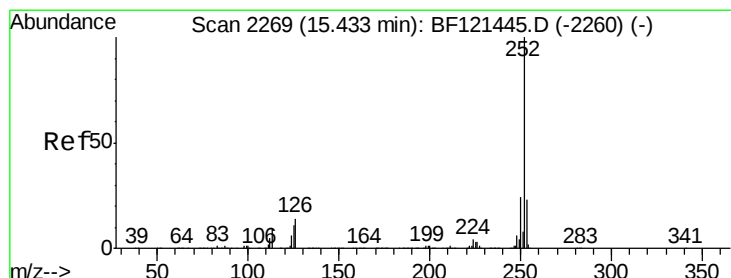
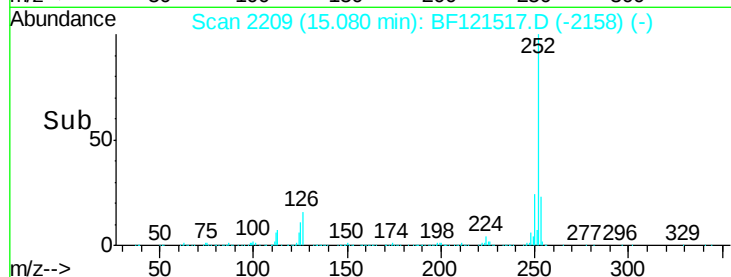
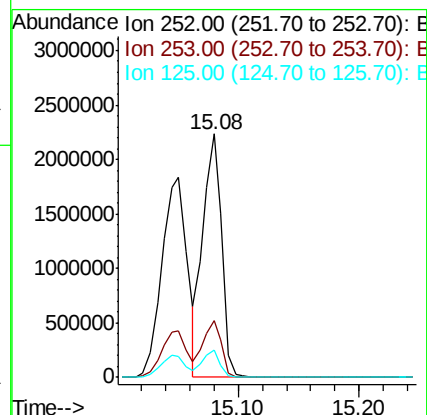
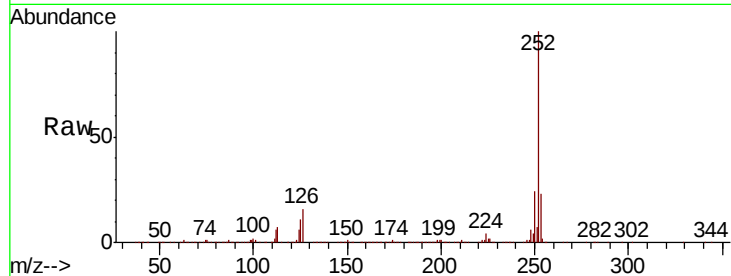




#89
Benzo(k)fluoranthene
Concen: 34.545 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.00 min
Lab File: BF121517.D
Acq: 2 Sep 2020 16:48

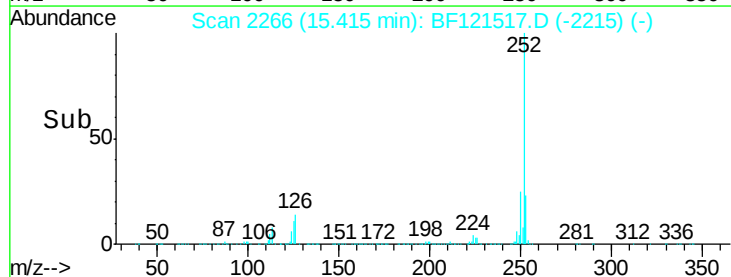
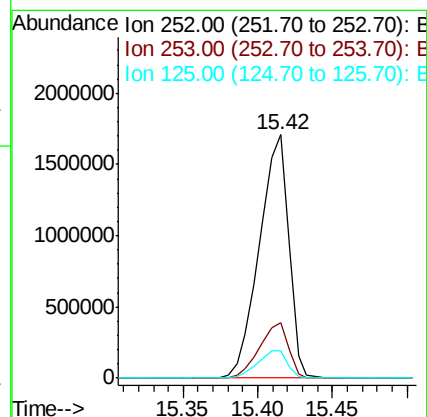
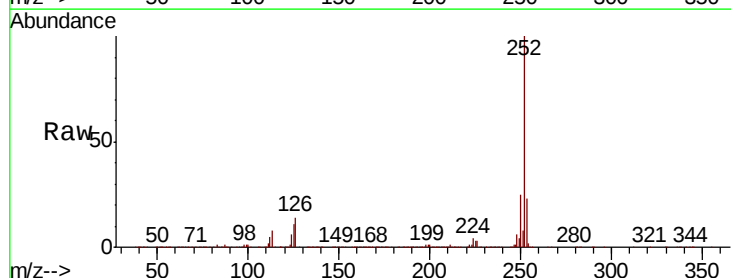
Instrument :
BNA_F
ClientSampleId :
PB131374BS

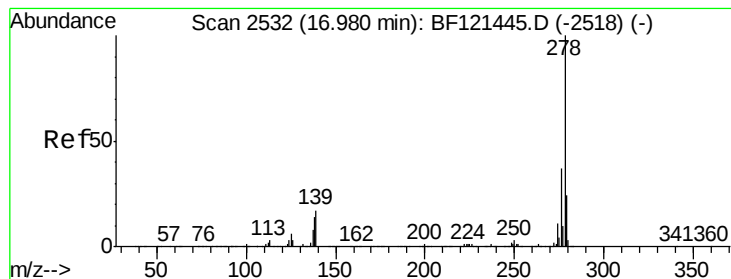
Tot Ion:252 Resp: 2402509
Ion Ratio Lower Upper
252 100
253 23.4 18.3 27.5
125 11.2 8.6 13.0



#90
Benzo(a)pyrene
Concen: 34.399 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.00 min
Lab File: BF121517.D
Acq: 2 Sep 2020 16:48

Tgt Ion:252 Resp: 2312779
Ion Ratio Lower Upper
252 100
253 22.7 18.4 27.6
125 11.3 8.8 13.2



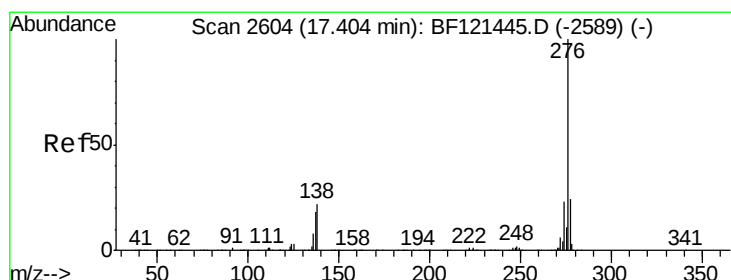
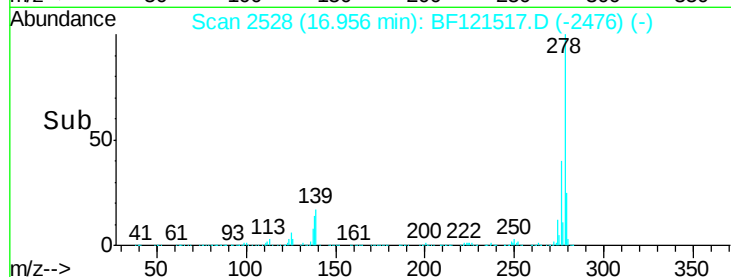
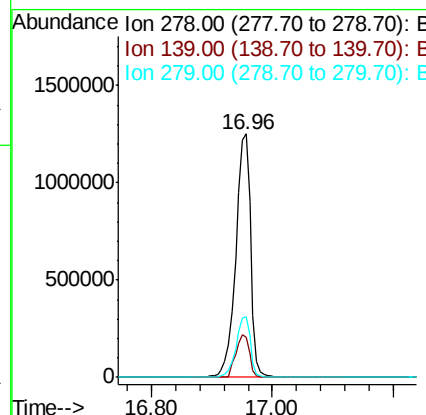
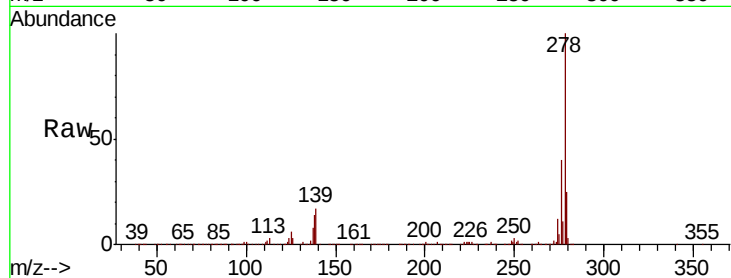


#91
Dibenzo(a,h)anthracene
Concen: 37.137 ng
RT: 16.96 min Scan# 2528
Delta R.T. 0.01 min
Lab File: BF121517.D
Acq: 2 Sep 2020 16:48

Instrument :
BNA_F
ClientSampleId :
PB131374BS

Tot Ion:278 Resp: 2149925

Ion	Ratio	Lower	Upper
278	100		
139	16.7	14.0	21.0
279	24.9	19.5	29.3



#92
Benzo(g,h,i)perylene
Concen: 38.132 ng
RT: 17.37 min Scan# 2599
Delta R.T. -0.00 min
Lab File: BF121517.D
Acq: 2 Sep 2020 16:48

Tgt Ion:276 Resp: 2126520

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.3	28.9
138	22.5	17.8	26.6

