

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092920\
 Data File : BF121723.D
 Acq On : 29 Sep 2020 10:42
 Operator : JU/CG
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Sep 29 11:18:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 29 11:12:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	167319	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	609222	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	300487	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	543342	20.00	ng	0.00
76) Chrysene-d12	13.94	240	423308	20.00	ng	0.00
86) Perylene-d12	15.39	264	388951	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.40	112	919139	81.64	ng	0.00
7) Phenol-d6	6.43	99	1177644	79.73	ng	0.00
23) Nitrobenzene-d5	7.36	82	957787	84.41	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	309290	82.82	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1532639	77.25	ng	0.00
79) Terphenyl-d14	12.89	244	1673568	80.10	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.52	88	210002	40.600	ng	100
3) Pyridine	3.25	79	579485	40.526	ng	100
4) n-Nitrosodimethylamine	3.21	42	278985	42.062	ng	100
6) Aniline	6.45	93	749355	38.953	ng	100
8) 2-Chlorophenol	6.57	128	458384	39.988	ng	100
9) Benzaldehyde	6.34	77	346338	35.867	ng	100
10) Phenol	6.45	94	614440	39.064	ng	100
11) bis(2-Chloroethyl)ether	6.53	93	468801	39.545	ng	100
12) 1,3-Dichlorobenzene	6.73	146	511836	40.004	ng	100
13) 1,4-Dichlorobenzene	6.80	146	514066	40.014	ng	100
14) 1,2-Dichlorobenzene	6.96	146	467903	39.536	ng	100
15) Benzyl Alcohol	6.93	79	408593	40.698	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.07	45	712879	37.369	ng	100
17) 2-Methylphenol	7.05	107	391139	40.103	ng	100
18) Hexachloroethane	7.30	117	185928	40.419	ng	100
19) n-Nitroso-di-n-propylamine	7.21	70	319476	37.529	ng	100
20) 3+4-Methylphenols	7.20	107	447885	38.220	ng	100
22) Acetophenone	7.20	105	607274	39.288	ng	100
24) Nitrobenzene	7.37	77	506846	41.301	ng	100
25) Isophorone	7.62	82	887105	38.838	ng	100
26) 2-Nitrophenol	7.69	139	239439	41.794	ng	100
27) 2,4-Dimethylphenol	7.73	122	401779	39.407	ng	100
28) bis(2-Chloroethoxy)methane	7.82	93	546317	38.636	ng	100
29) 2,4-Dichlorophenol	7.93	162	375140	40.397	ng	100
30) 1,2,4-Trichlorobenzene	8.01	180	397335	40.626	ng	100
31) Naphthalene	8.09	128	1270697	39.512	ng	100
32) Benzoic acid	7.87	122	241042	34.044	ng	100
33) 4-Chloroaniline	8.15	127	555184	39.825	ng	100
34) Hexachlorobutadiene	8.21	225	230470	40.147	ng	100
35) Caprolactam	8.53	113	125572	40.606	ng	100
36) 4-Chloro-3-methylphenol	8.63	107	397741	39.759	ng	100
37) 2-Methylnaphthalene	8.79	142	814494	38.646	ng	100
38) 1-Methylnaphthalene	8.88	142	757123	38.600	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	383362	40.843	ng	100

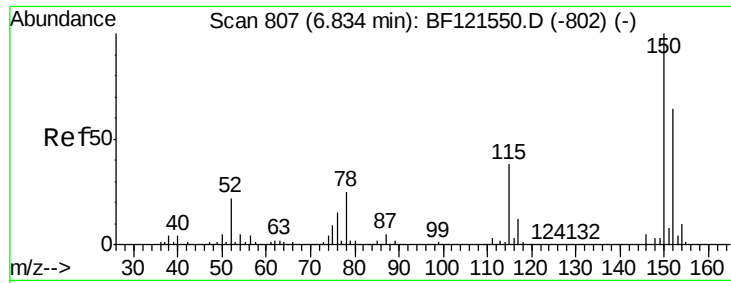
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	190358	35.513	ng	100
43) 2,4,6-Trichlorophenol	9.06	196	257376	40.229	ng	100
44) 2,4,5-Trichlorophenol	9.11	196	276326	40.856	ng	100
46) 1,1'-Biphenyl	9.25	154	951396	39.549	ng	100
47) 2-Chloronaphthalene	9.27	162	756911	39.928	ng	100
48) 2-Nitroaniline	9.37	65	264010	44.817	ng	100
49) Acenaphthylene	9.69	152	1163030	39.930	ng	100
50) Dimethylphthalate	9.55	163	851805	39.112	ng	100
51) 2,6-Dinitrotoluene	9.62	165	197367	42.553	ng	100
52) Acenaphthene	9.86	154	686772	37.331	ng	100
53) 3-Nitroaniline	9.79	138	226893	42.228	ng	100
54) 2,4-Dinitrophenol	9.89	184	92768	39.803	ng	100
55) Dibenzofuran	10.03	168	1018243	39.303	ng	100
56) 4-Nitrophenol	9.95	139	171166	39.945	ng	100
57) 2,4-Dinitrotoluene	10.02	165	255096	43.717	ng	100
58) Fluorene	10.37	166	782817	39.512	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.15	232	219234	39.871	ng	100
60) Diethylphthalate	10.25	149	808624	38.082	ng	100
61) 4-Chlorophenyl-phenylether	10.36	204	371648	39.160	ng	100
62) 4-Nitroaniline	10.40	138	226680	42.490	ng	100
63) Azobenzene	10.53	77	856158	37.862	ng	100
65) 4,6-Dinitro-2-methylphenol	10.43	198	141323	43.188	ng	100
66) n-Nitrosodiphenylamine	10.49	169	739479	39.670	ng	100
67) 4-Bromophenyl-phenylether	10.85	248	246730	39.884	ng	100
68) Hexachlorobenzene	10.92	284	279667	40.060	ng	100
69) Atrazine	11.01	200	182504	39.408	ng	100
70) Pentachlorophenol	11.12	266	142067	37.054	ng	100
71) Phenanthrene	11.33	178	1168932	39.486	ng	100
72) Anthracene	11.39	178	1208815	39.569	ng	100
73) Carbazole	11.54	167	1099537	39.884	ng	100
74) Di-n-butylphthalate	11.87	149	1191103	37.435	ng	100
75) Fluoranthene	12.52	202	1262854	39.962	ng	100
77) Benzidine	12.64	184	454090	32.358	ng	100
78) Pyrene	12.75	202	1271492	41.111	ng	100
80) Butylbenzylphthalate	13.37	149	505154	40.385	ng	100
81) Benzo(a)anthracene	13.93	228	1099361	41.051	ng	100
82) 3,3'-Dichlorobenzidine	13.90	252	431283	41.251	ng	100
83) Chrysene	13.97	228	1099946	40.560	ng	100
84) Bis(2-ethylhexyl)phthalate	13.93	149	626484	37.491	ng	100
85) Di-n-octyl phthalate	14.53	149	1085227	36.800	ng	100
87) Indeno(1,2,3-cd)pyrene	16.82	276	1006205	39.724	ng	100
88) Benzo(b)fluoranthene	14.97	252	1072025	41.229	ng	100
89) Benzo(k)fluoranthene	15.00	252	967214	40.621	ng	100
90) Benzo(a)pyrene	15.33	252	909410	41.145	ng	100
91) Dibenzo(a,h)anthracene	16.83	278	816269	38.713	ng	100
92) Benzo(g,h,i)perylene	17.24	276	842090	40.629	ng	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 799

Delta R.T. 0.00 min

Lab File: BF121723.D

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SSTDCCC040

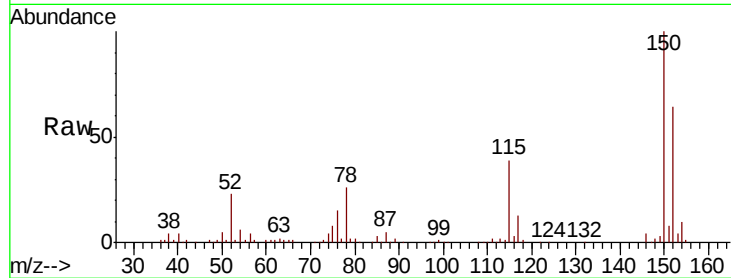
Tot Ion:152 Resp: 167319

Ion Ratio Lower Upper

152 100

150 157.3 125.8 188.8

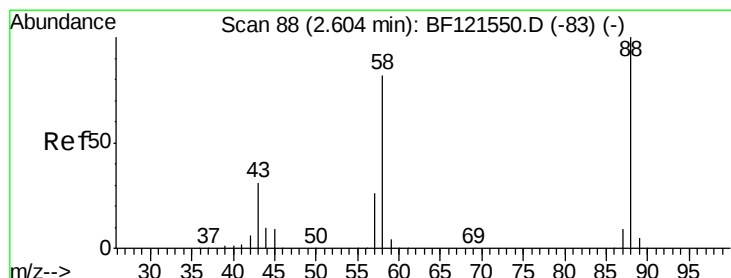
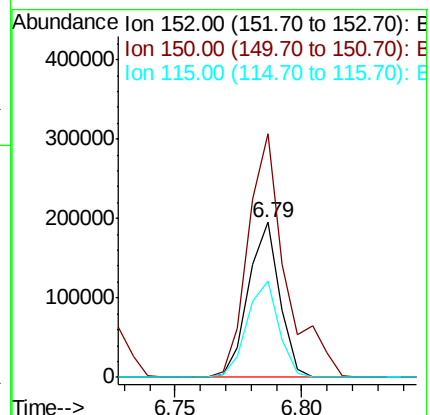
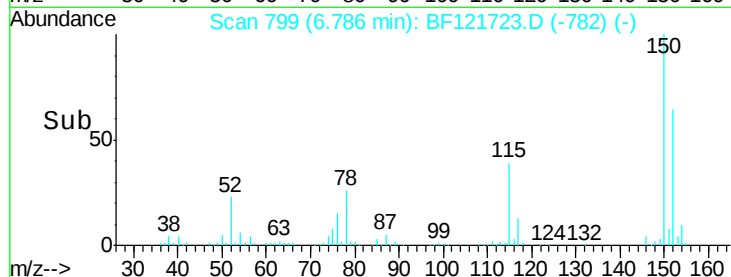
115 62.0 49.6 74.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.600 ng

RT: 2.52 min Scan# 73

Delta R.T. 0.00 min

Lab File: BF121723.D

Acq: 29 Sep 2020 10:42

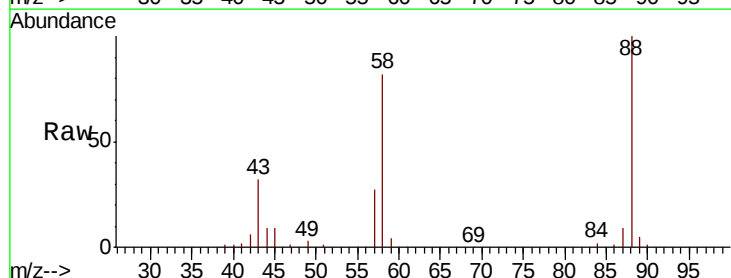
Tgt Ion: 88 Resp: 210002

Ion Ratio Lower Upper

88 100

58 81.6 65.3 97.9

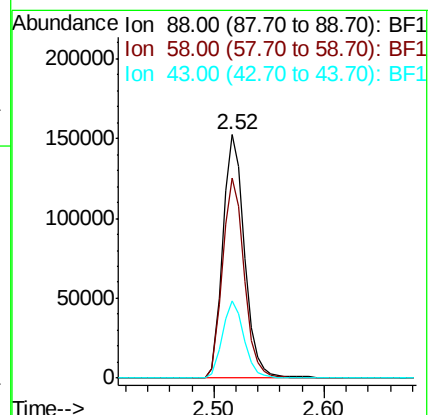
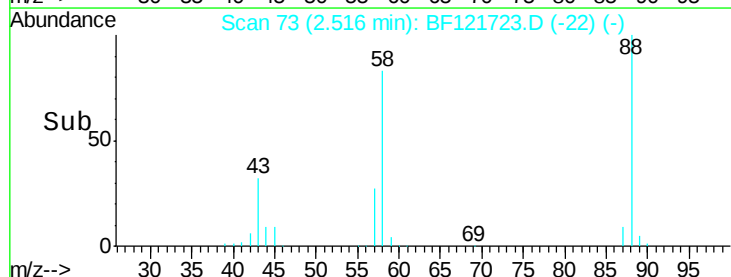
43 31.4 25.1 37.7

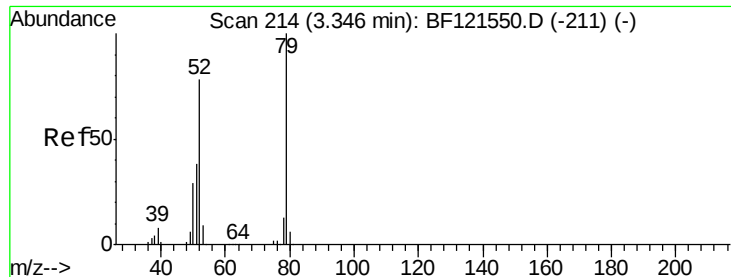


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 40.526 ng

RT: 3.25 min Scan# 197

Delta R.T. 0.00 min

Lab File: BF121723.D

Acq: 29 Sep 2020 10:42

Instrument :

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ClientSampleId :

SSTDCCC040

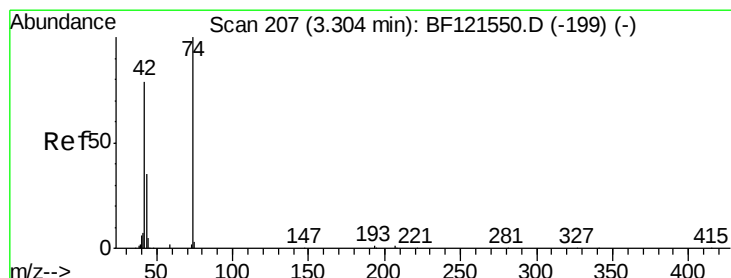
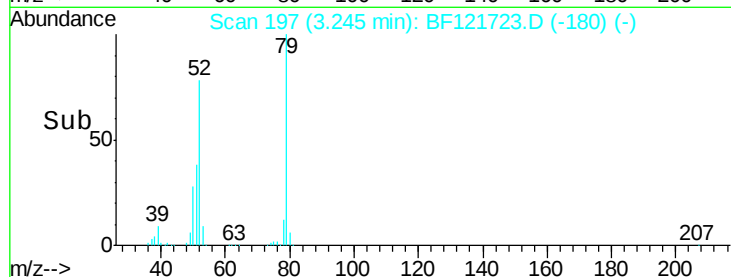
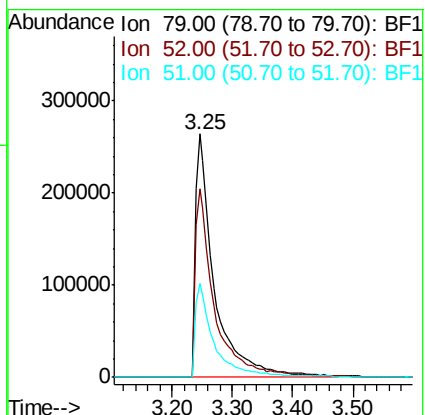
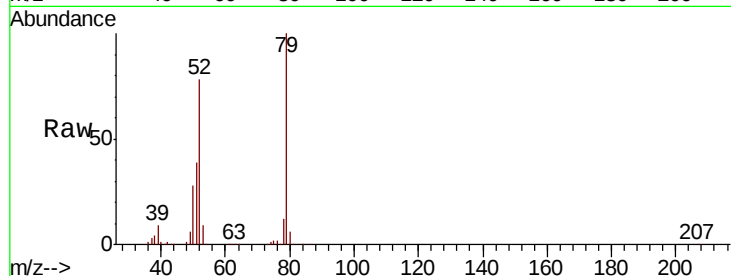
Tot Ion: 79 Resp: 579485

Ion Ratio Lower Upper

79 100

52 77.7 62.2 93.2

51 38.6 30.9 46.3



#4

n-Nitrosodimethylamine

Concen: 42.062 ng

RT: 3.21 min Scan# 191

Delta R.T. 0.00 min

Lab File: BF121723.D

Acq: 29 Sep 2020 10:42

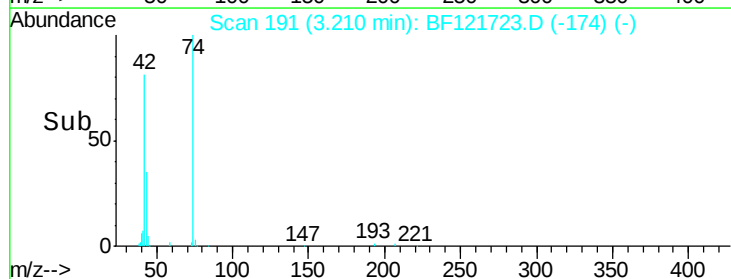
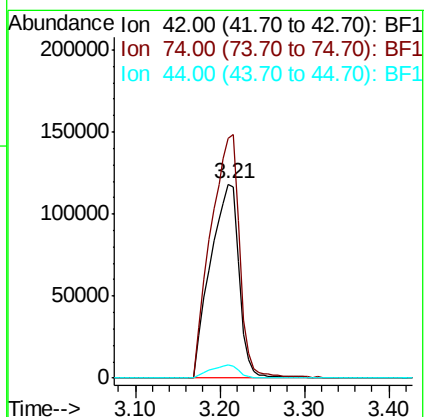
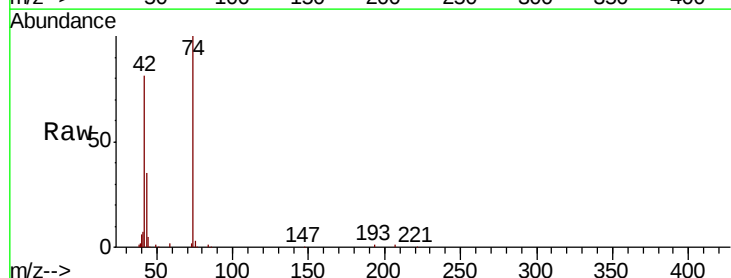
Tgt Ion: 42 Resp: 278985

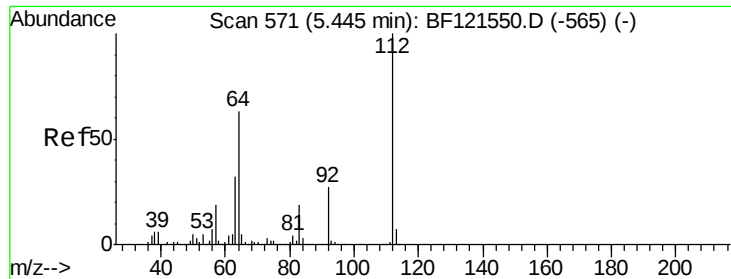
Ion Ratio Lower Upper

42 100

74 123.6 98.9 148.3

44 6.6 5.3 7.9





#5

2-Fluorophenol

Concen: 81.638 ng

RT: 5.40 min Scan# 564

Delta R.T. 0.00 min

Lab File: BF121723.D

Acq: 29 Sep 2020 10:42

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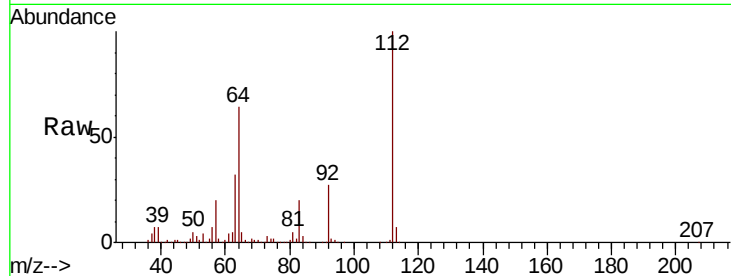
Tot Ion:112 Resp: 919139

Ion Ratio Lower Upper

112 100

64 64.0 51.2 76.8

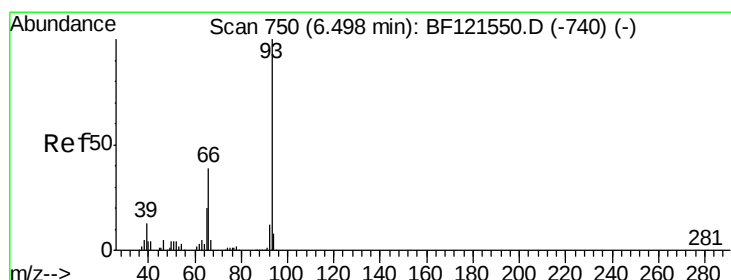
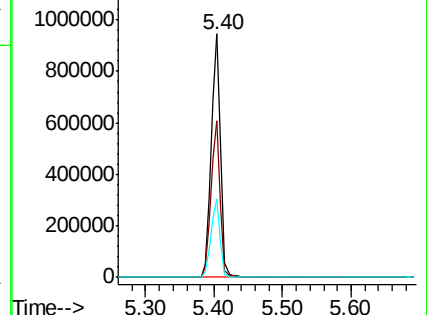
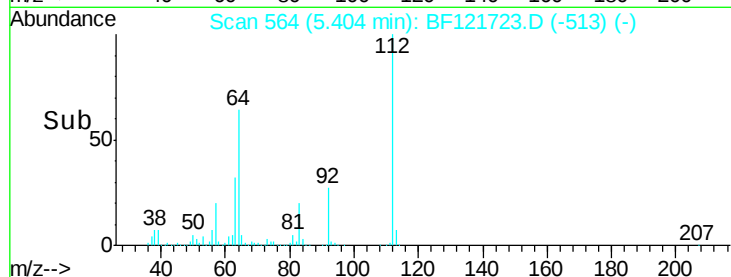
63 32.4 25.9 38.9



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: 38.953 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF121723.D

Acq: 29 Sep 2020 10:42

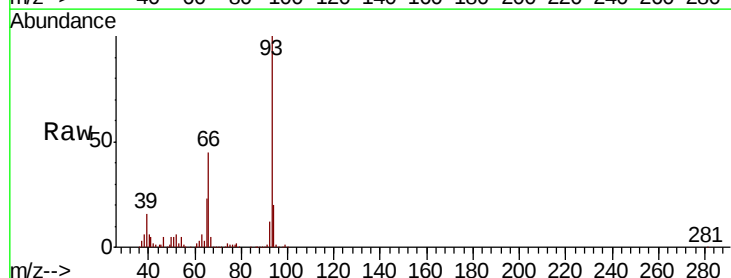
Tgt Ion: 93 Resp: 749355

Ion Ratio Lower Upper

93 100

66 44.7 35.8 53.6

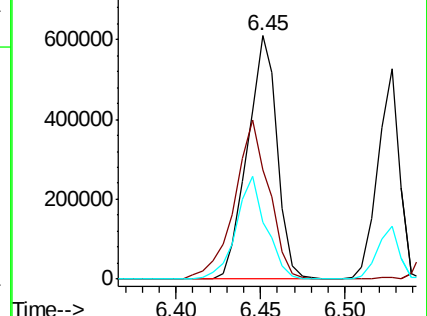
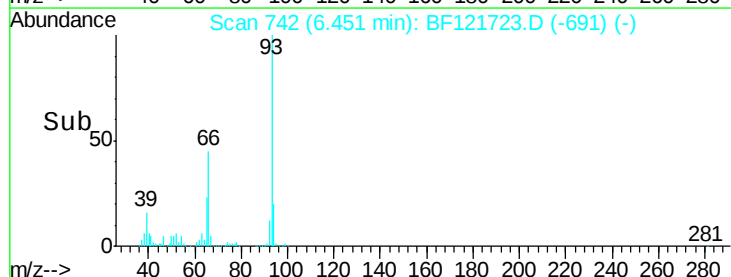
65 23.4 18.7 28.1

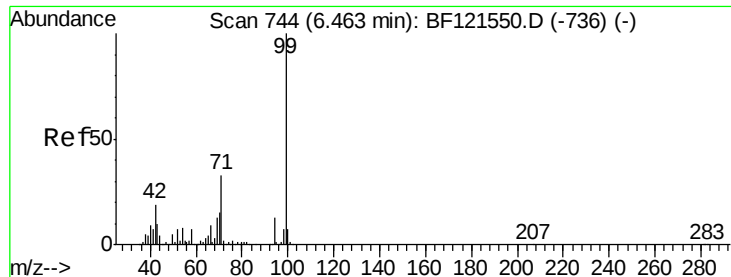


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.728 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF121723.D

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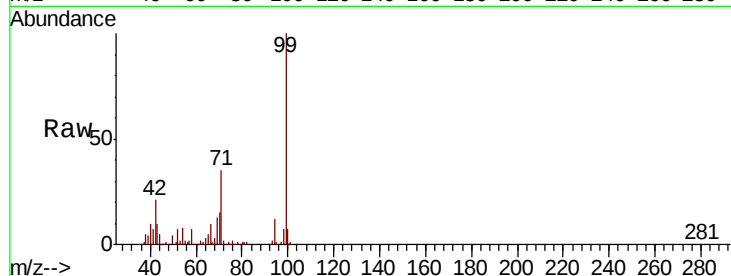
Tot Ion: 99 Resp: 1177644

Ion Ratio Lower Upper

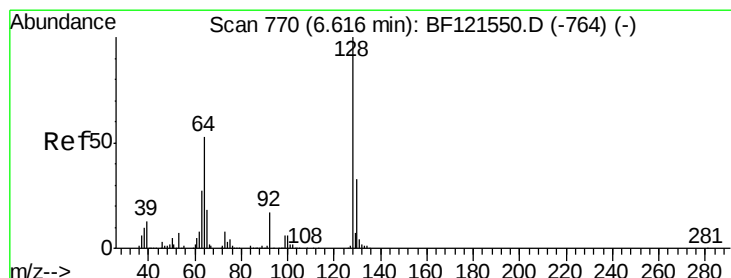
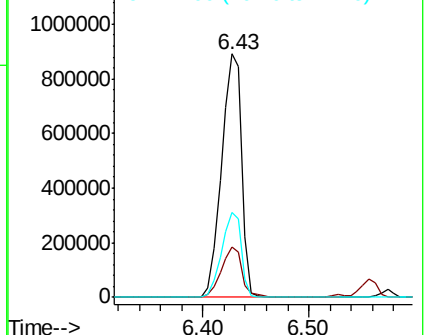
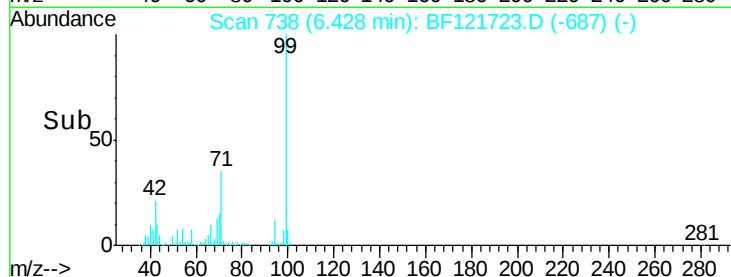
99 100

42 20.6 16.5 24.7

71 34.7 27.8 41.6



Abundance Ion 99.00 (98.70 to 99.70): BF1
1200000
Ion 42.00 (41.70 to 42.70): BF1
1000000
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.988 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF121723.D

Acq: 29 Sep 2020 10:42

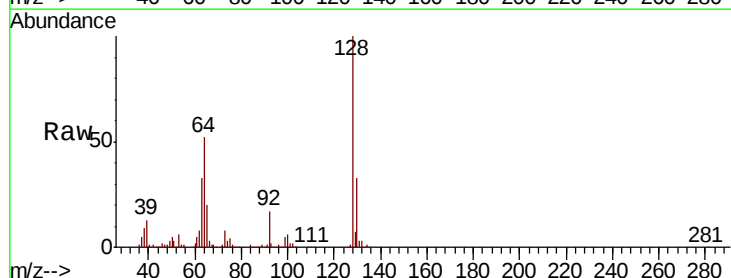
Tgt Ion: 128 Resp: 458384

Ion Ratio Lower Upper

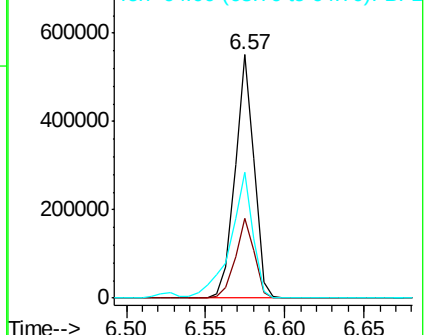
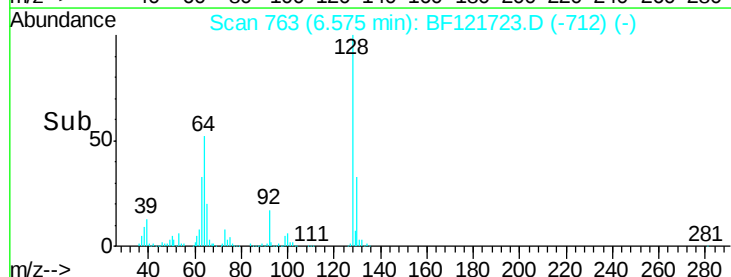
128 100

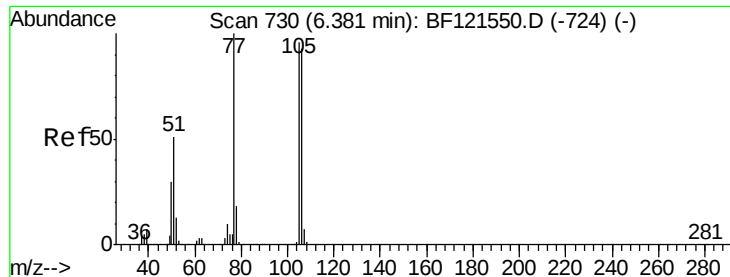
130 33.0 13.0 53.0

64 51.9 31.9 71.9



Abundance Ion 128.00 (127.70 to 128.70): E
600000
Ion 130.00 (129.70 to 130.70): E
400000
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 35.867 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

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SSTDCCC040

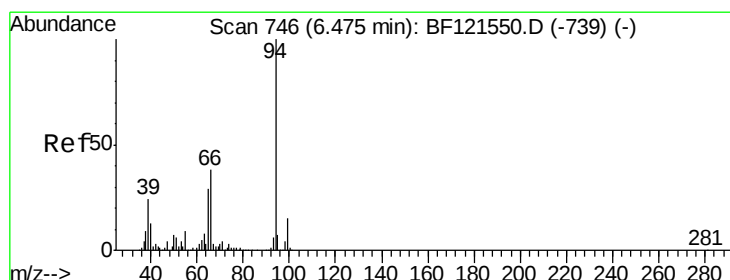
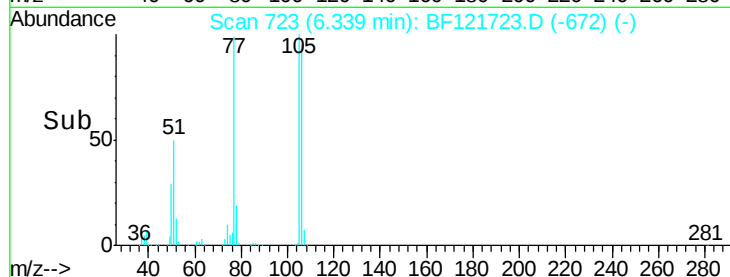
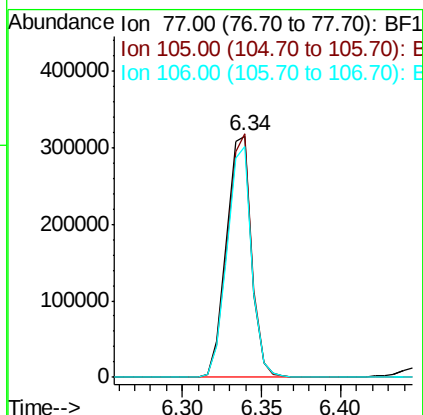
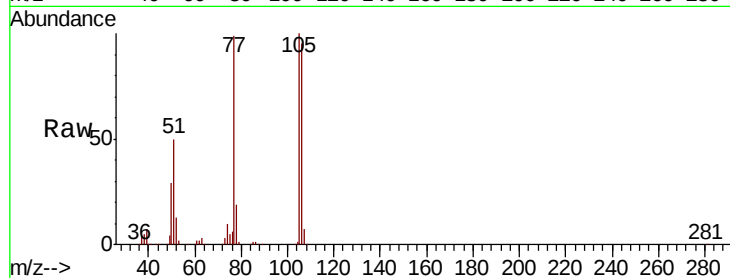
Tot Ion: 77 Resp: 346338

Ion Ratio Lower Upper

77 100

105 100.8 80.8 120.8

106 95.4 75.4 115.4



#10

Phenol

Concen: 39.064 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF121723.D

Acq: 29 Sep 2020 10:42

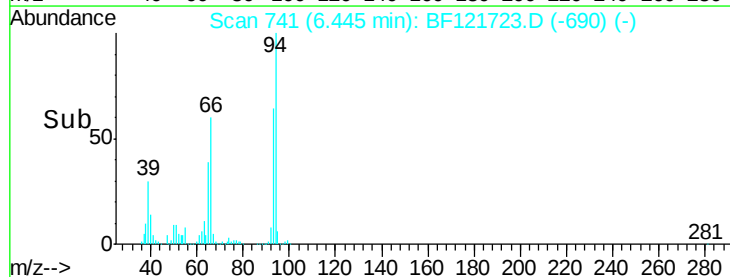
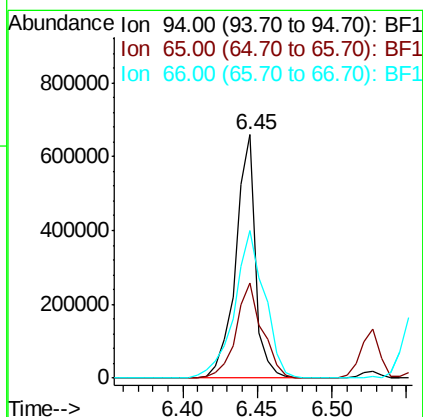
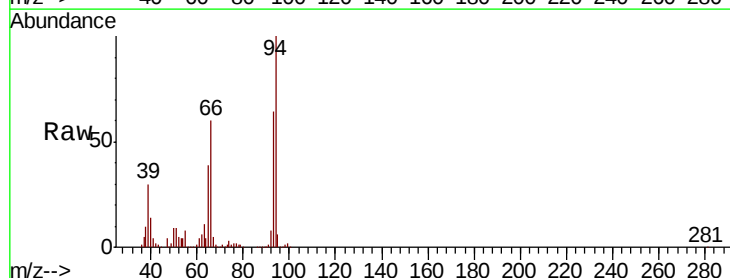
Tgt Ion: 94 Resp: 614440

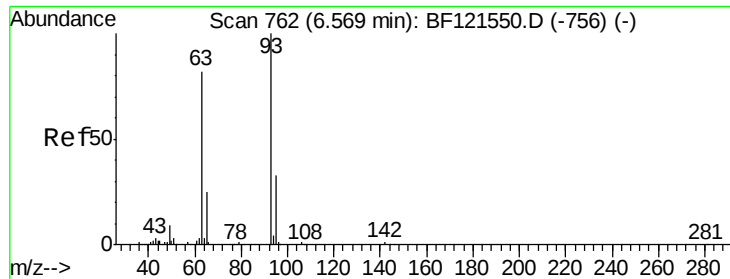
Ion Ratio Lower Upper

94 100

65 38.9 18.9 58.9

66 60.4 40.4 80.4

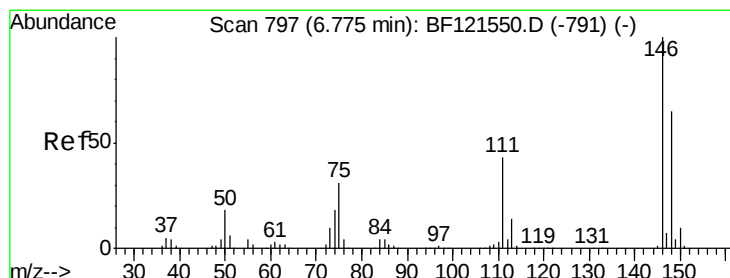
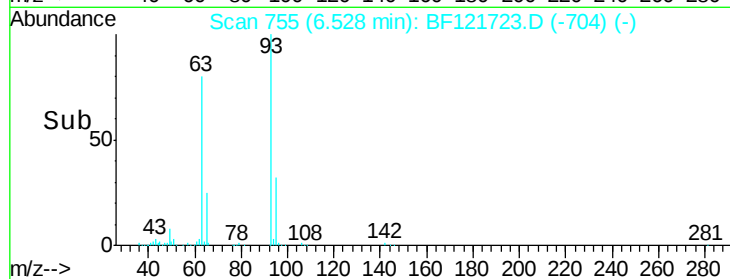
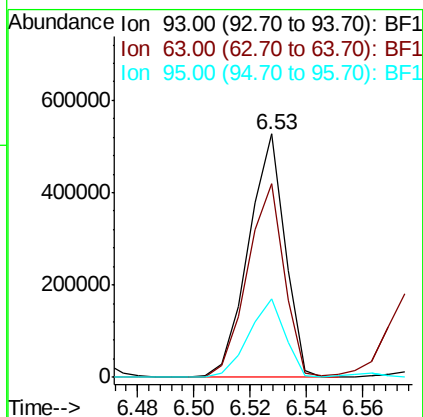
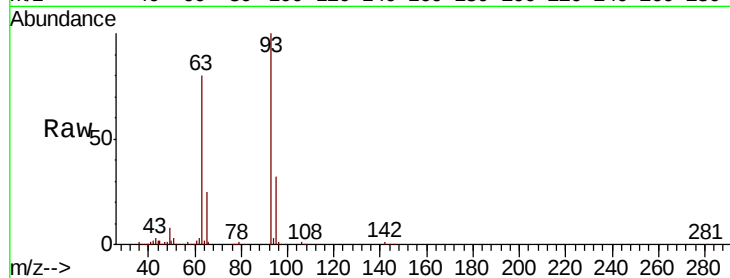




#11
bis(2-Chloroethyl)ether
Concen: 39.545 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF121723.D
Acq: 29 Sep 2020 10:42

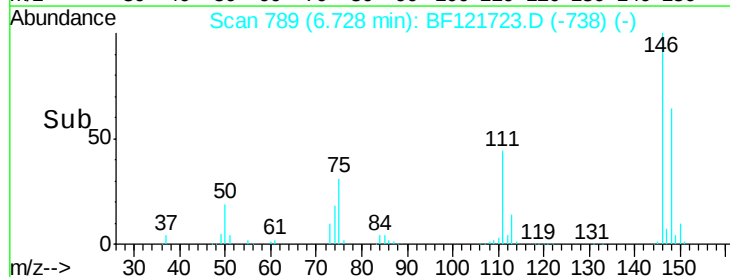
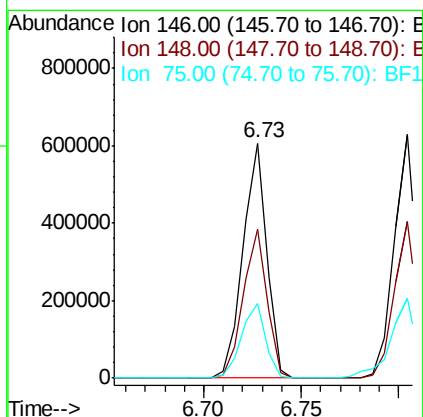
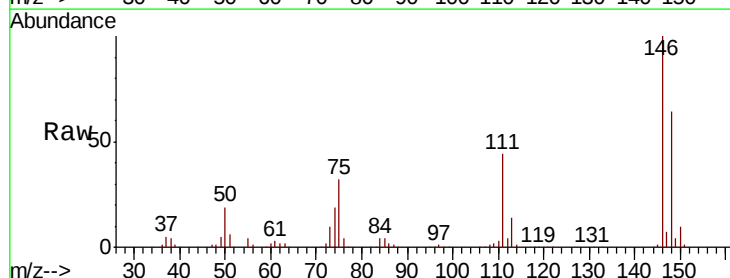
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

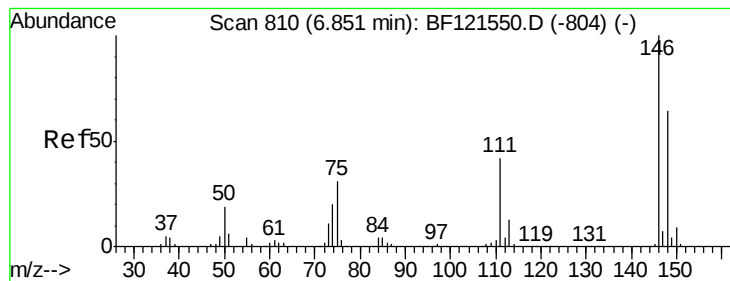
Tot Ion:	93	Resp:	468801
Ion	Ratio	Lower	Upper
93	100		
63	79.8	59.8	99.8
95	32.4	12.4	52.4



#12
1,3-Dichlorobenzene
Concen: 40.004 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF121723.D
Acq: 29 Sep 2020 10:42

Tgt Ion:	146	Resp:	511836
Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.9	76.3
75	31.6	25.3	37.9





#13

1,4-Dichlorobenzene

Concen: 40.014 ng

RT: 6.80 min Scan# 802

Delta R.T. 0.00 min

Lab File: BF121723.D

Acq: 29 Sep 2020 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

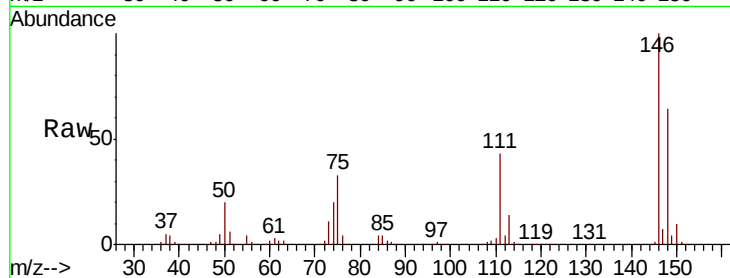
Tot Ion:146 Resp: 514066

Ion Ratio Lower Upper

146 100

148 64.4 51.5 77.3

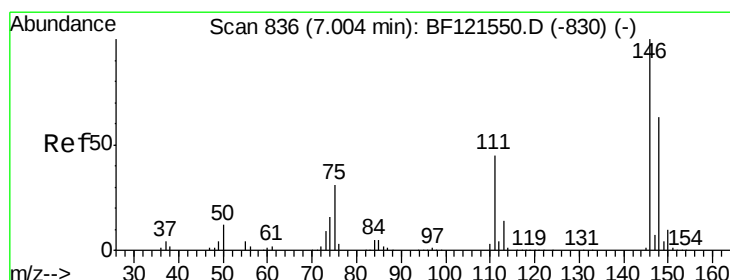
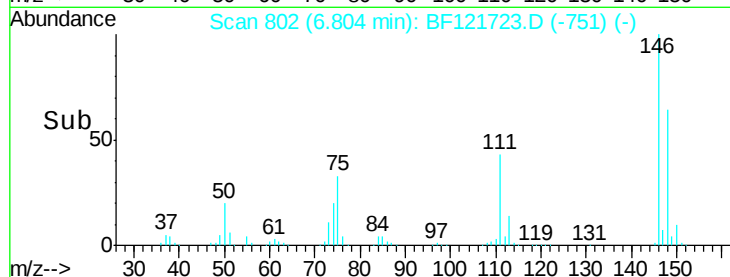
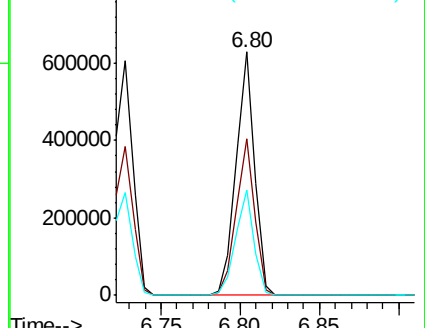
111 43.5 34.8 52.2



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: 39.536 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF121723.D

Acq: 29 Sep 2020 10:42

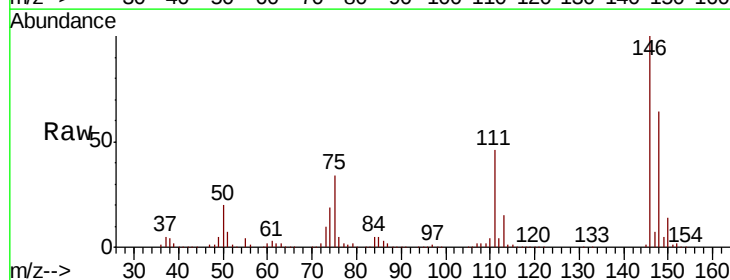
Tgt Ion:146 Resp: 467903

Ion Ratio Lower Upper

146 100

148 63.9 51.1 76.7

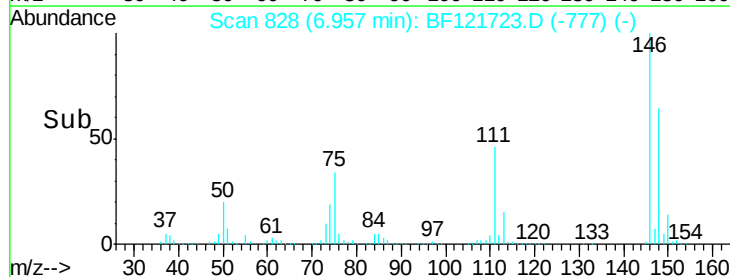
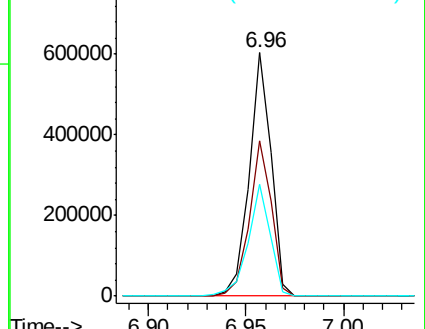
111 45.7 36.6 54.8

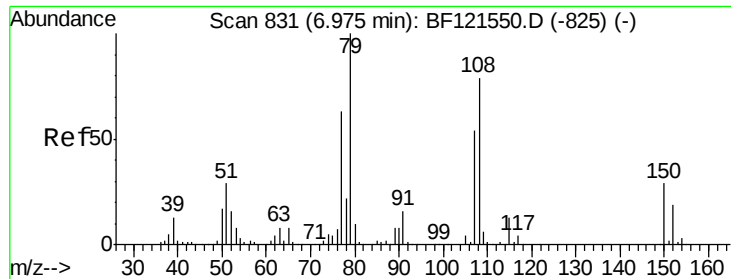


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

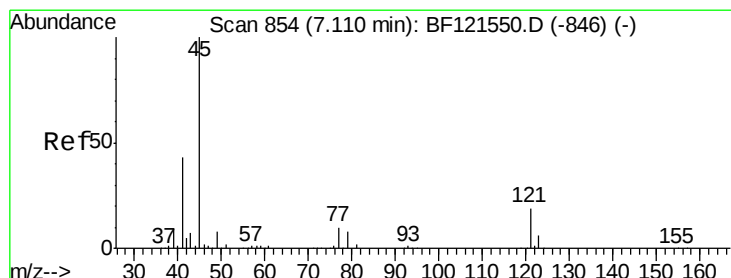
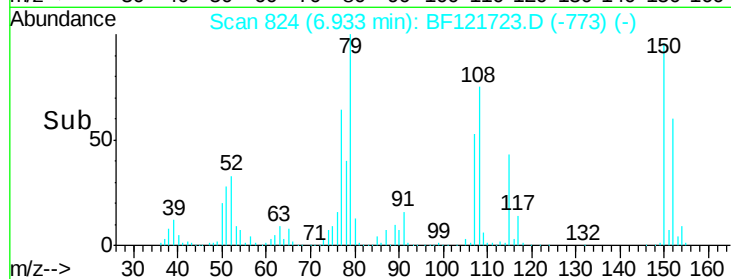
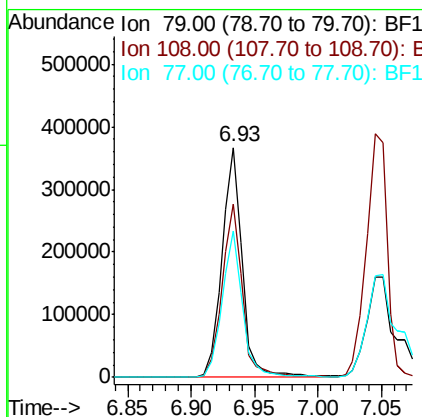
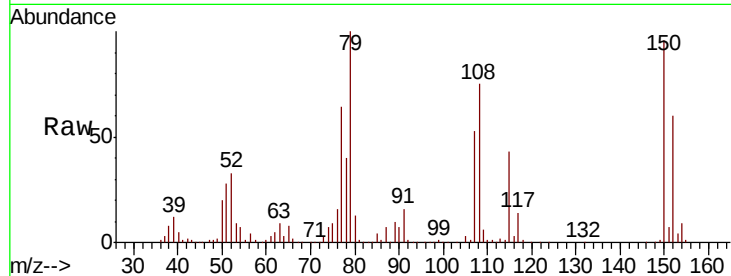




#15
Benzyl Alcohol
Concen: 40.698 ng
RT: 6.93 min Scan# 824
Delta R.T. 0.00 min
Lab File: BF121723.D
Acq: 29 Sep 2020 10:42

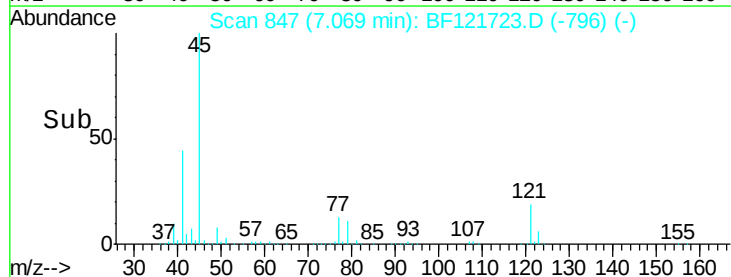
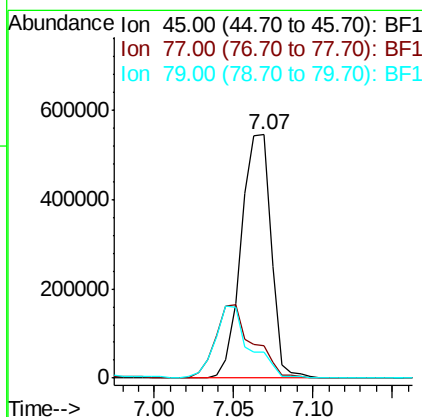
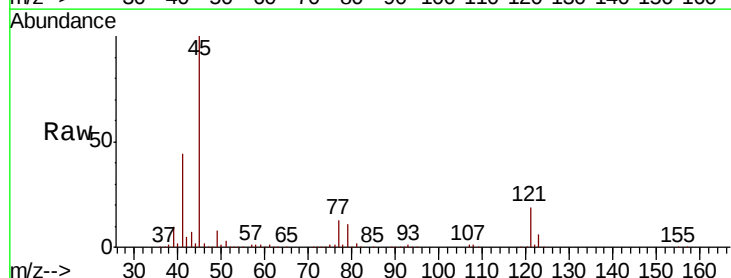
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

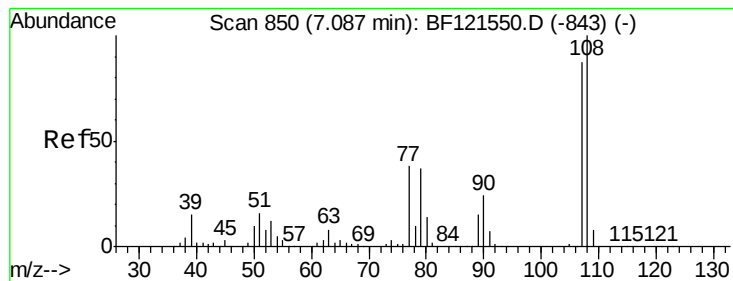
Tot Ion: 79 Resp: 408593
Ion Ratio Lower Upper
79 100
108 75.2 60.2 90.2
77 63.7 51.0 76.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.369 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF121723.D
Acq: 29 Sep 2020 10:42

Tgt Ion: 45 Resp: 712879
Ion Ratio Lower Upper
45 100
77 13.3 0.0 33.3
79 10.8 0.0 30.8





#17

2-Methylphenol

Concen: 40.103 ng

RT: 7.05 min Scan# 843

Delta R.T. 0.00 min

Lab File: BF121723.D

Acq: 29 Sep 2020 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 391139

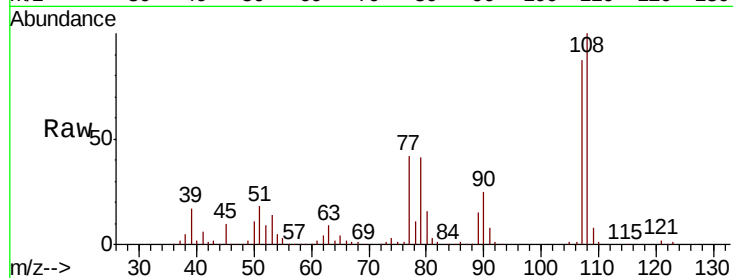
Ion Ratio Lower Upper

107 100

108 114.6 91.7 137.5

77 48.0 38.4 57.6

79 47.4 37.9 56.9

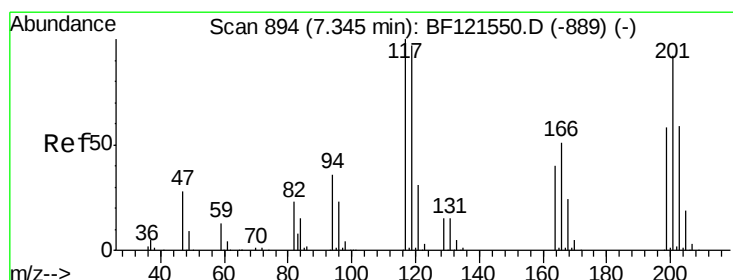
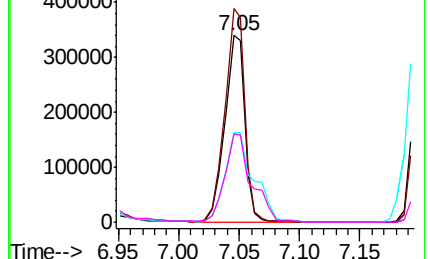
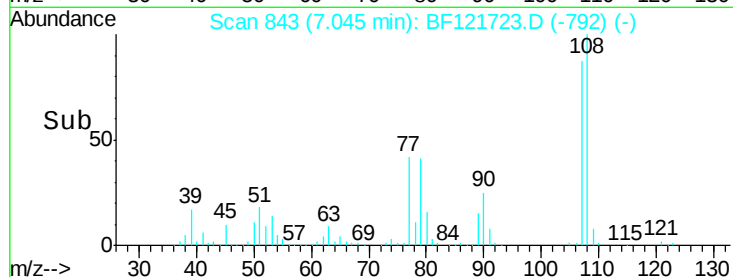


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 40.419 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.00 min

Lab File: BF121723.D

Acq: 29 Sep 2020 10:42

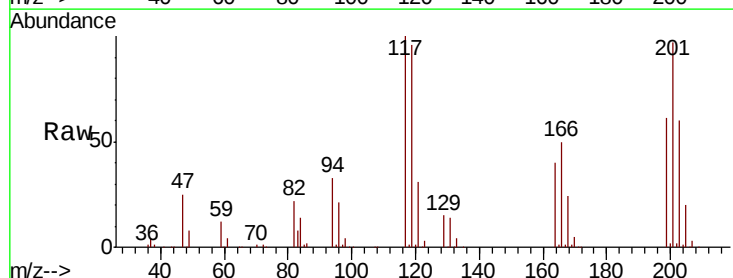
Tgt Ion:117 Resp: 185928

Ion Ratio Lower Upper

117 100

119 96.0 76.8 115.2

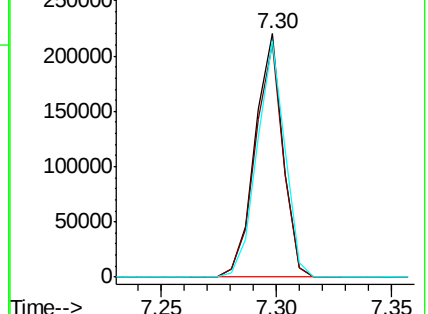
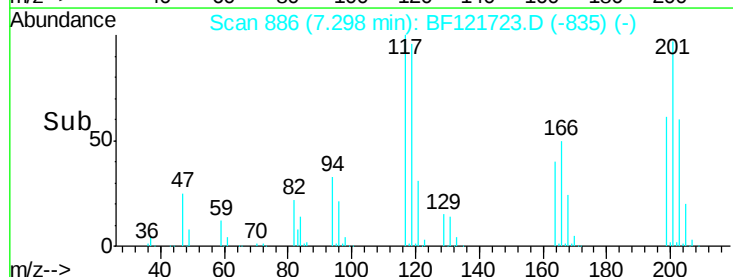
201 96.7 77.4 116.0

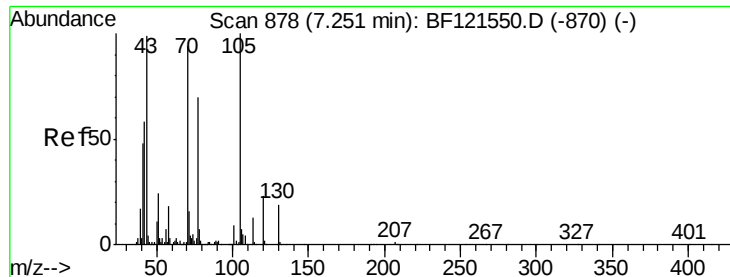


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

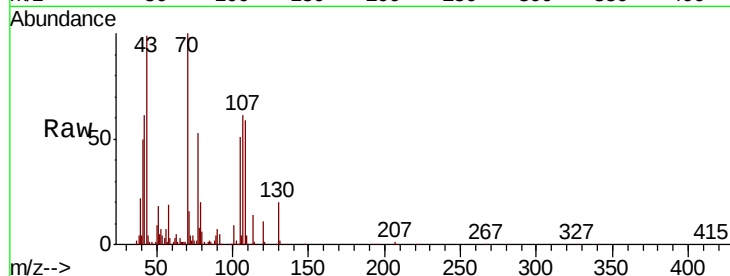




#19
n-Nitroso-di-n-propylamine
Concen: 37.529 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF121723.D
Acq: 29 Sep 2020 10:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	70	Resp:	319476
Ion	Ratio	Lower	Upper
70	100		
42	60.8	48.6	73.0
101	9.4	7.5	11.3
130	20.5	16.4	24.6



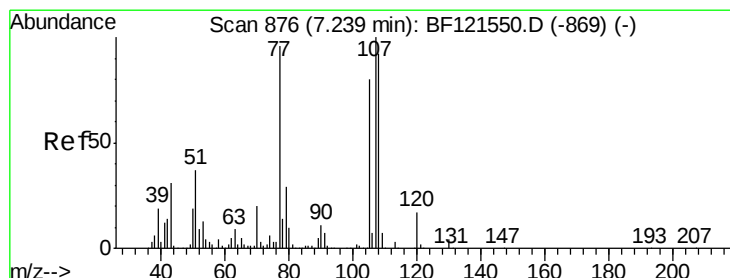
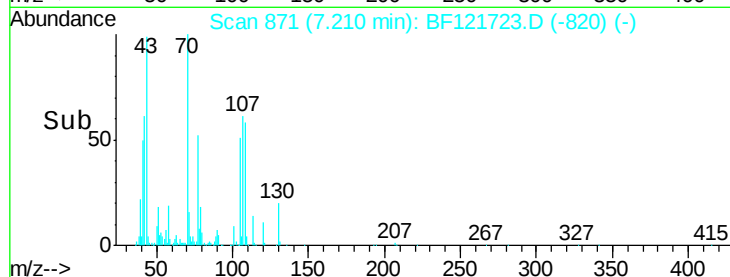
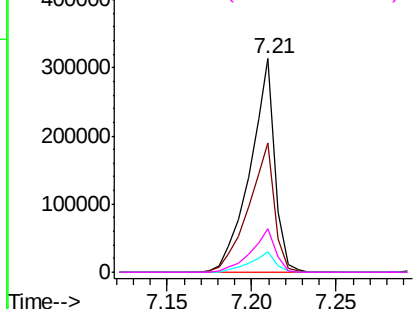
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

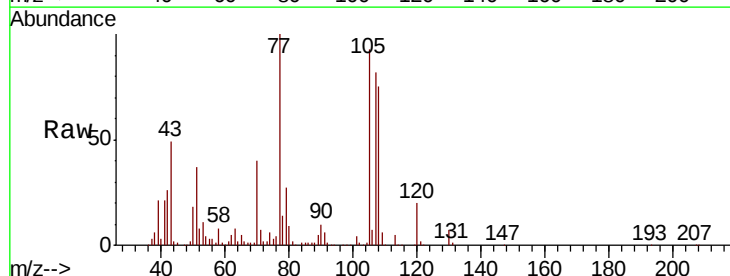
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 38.220 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF121723.D
Acq: 29 Sep 2020 10:42

Tgt Ion:	107	Resp:	447885
Ion	Ratio	Lower	Upper
107	100		
108	91.6	71.6	111.6
77	121.6	101.6	141.6
79	32.5	12.5	52.5



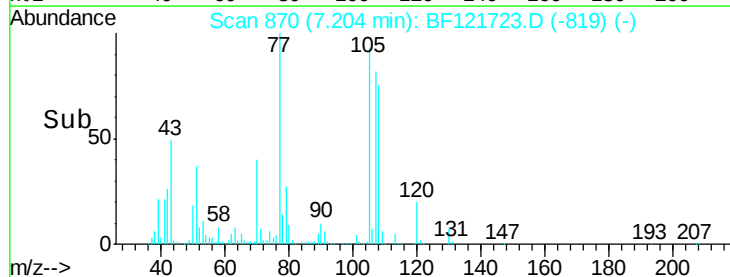
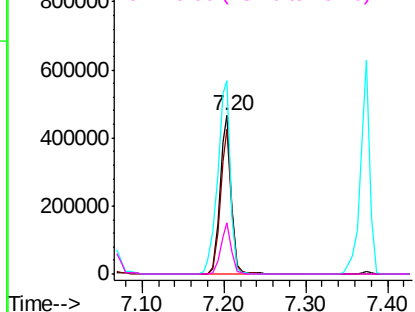
Abundance

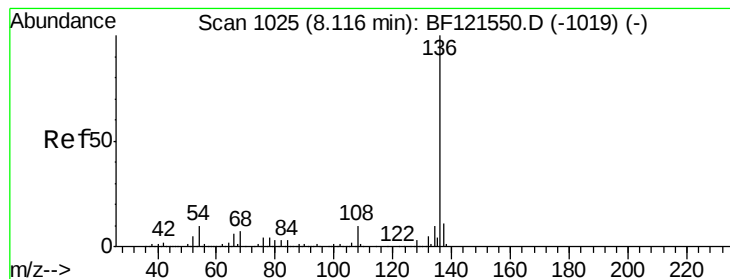
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BF121723.D

Acq: 29 Sep 2020 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 609222

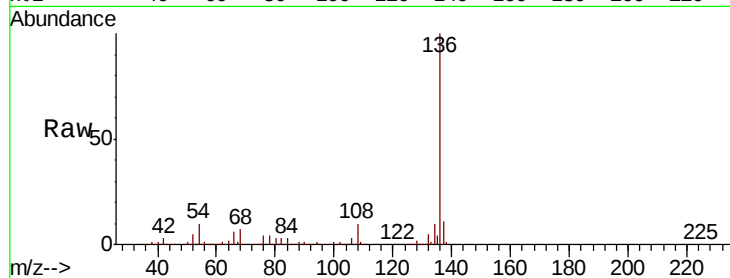
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 9.8 7.8 11.8

68 7.0 5.6 8.4

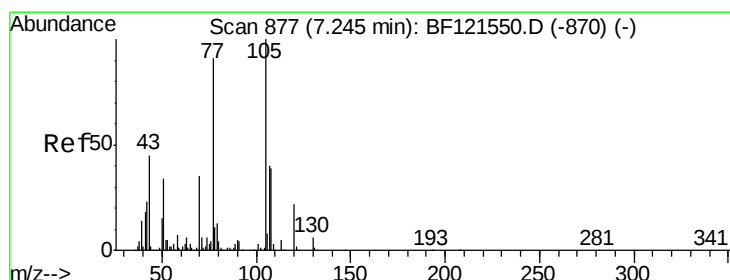
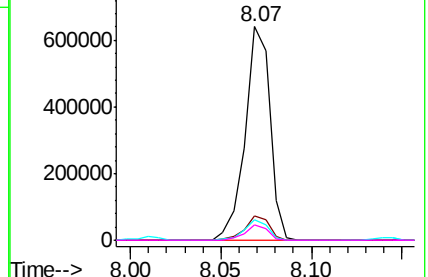
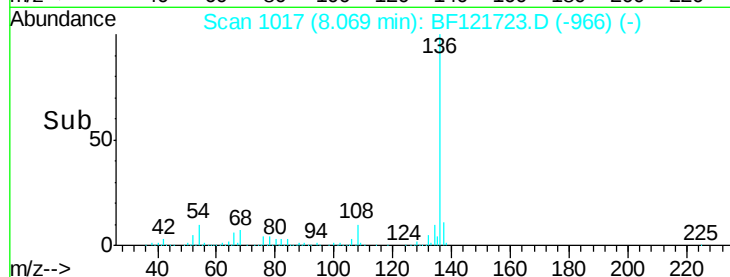


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 39.288 ng

RT: 7.20 min Scan# 870

Delta R.T. 0.00 min

Lab File: BF121723.D

Acq: 29 Sep 2020 10:42

Tgt Ion:105 Resp: 607274

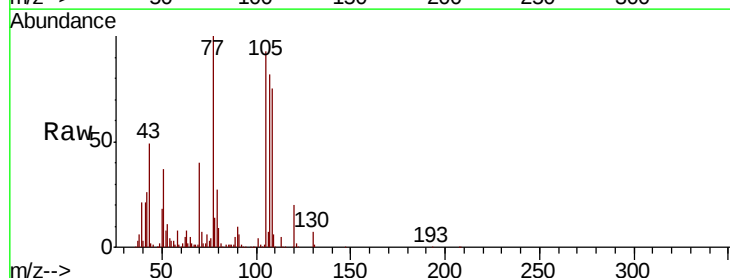
Ion Ratio Lower Upper

105 100

71 7.3 5.8 8.8

51 39.9 31.9 47.9

120 22.0 17.6 26.4

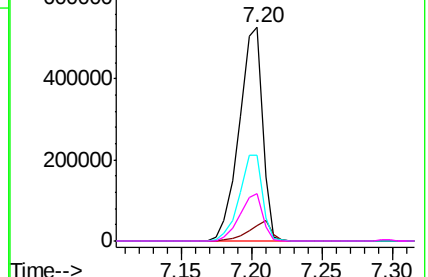
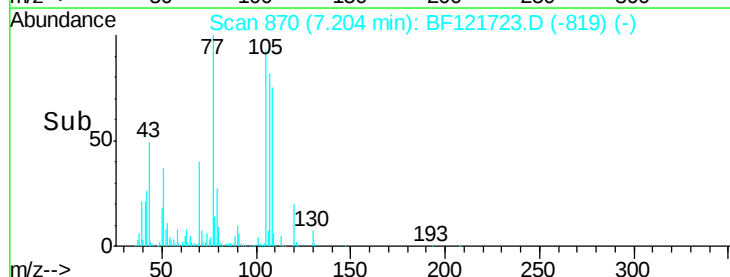


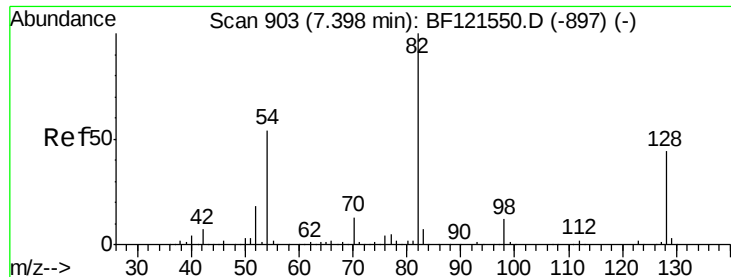
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

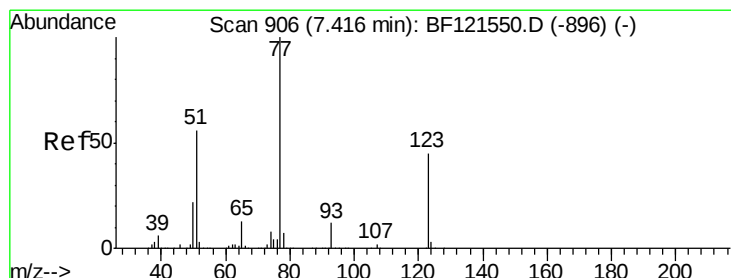
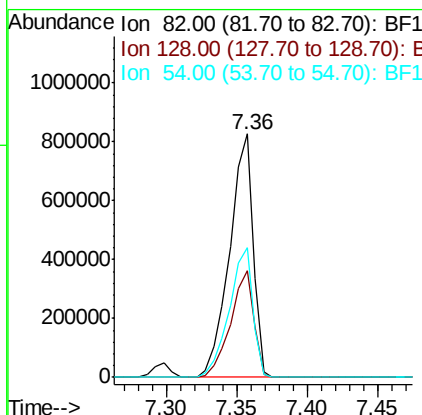
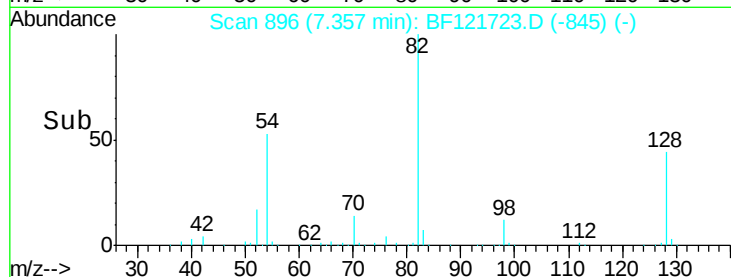
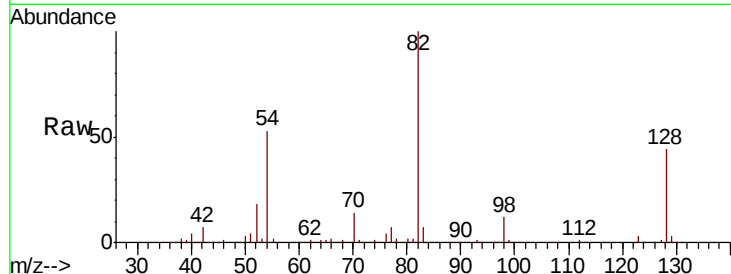




#23
Nitrobenzene-d5
Concen: 84.411 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF121723.D
Acq: 29 Sep 2020 10:42

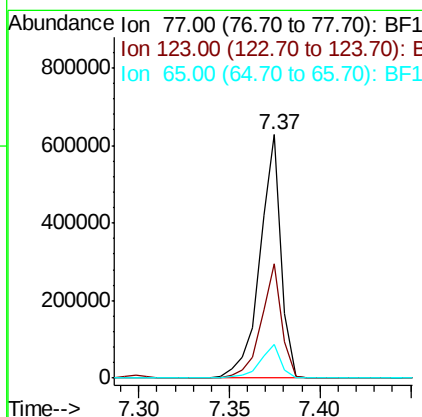
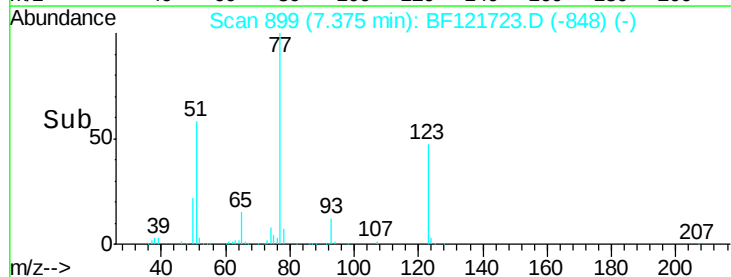
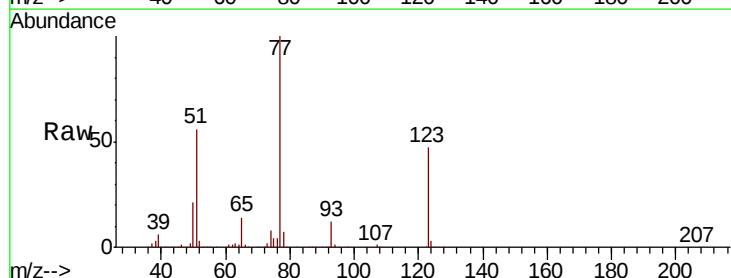
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

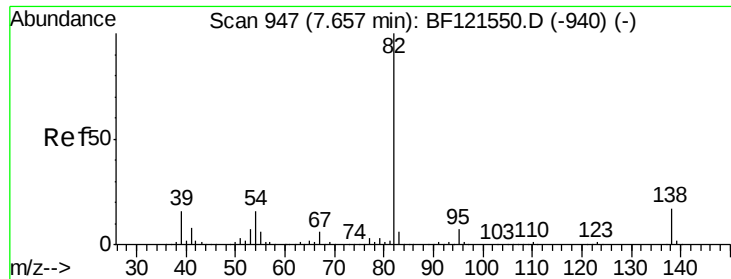
Tot Ion	82	Resp	957787
Ion Ratio	100	Lower	Upper
128	43.7	35.0	52.4
54	53.1	42.5	63.7



#24
Nitrobenzene
Concen: 41.301 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF121723.D
Acq: 29 Sep 2020 10:42

Tgt Ion	77	Resp	506846
Ion Ratio	100	Lower	Upper
123	47.0	37.6	56.4
65	13.9	11.1	16.7





#25

Isophorone

Concen: 38.838 ng

RT: 7.62 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF121723.D

Acq: 29 Sep 2020 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

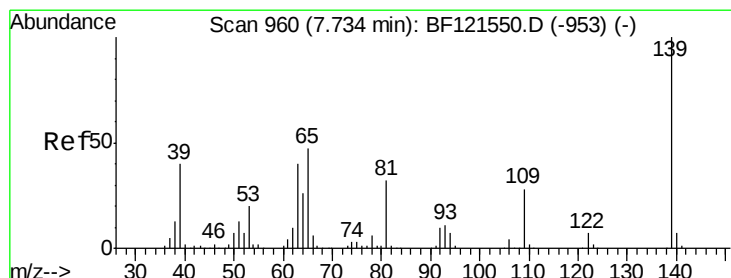
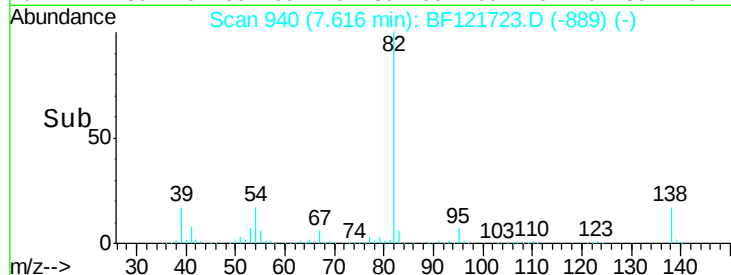
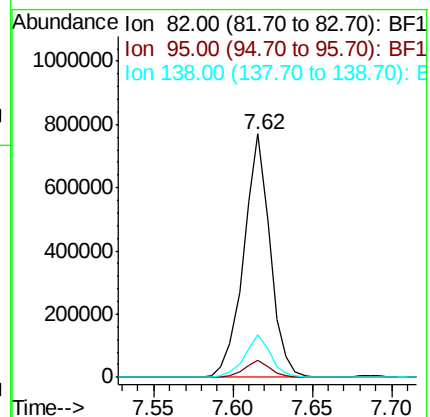
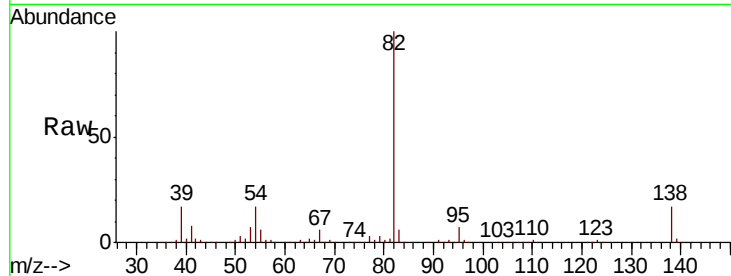
Tot Ion: 82 Resp: 887105

Ion Ratio Lower Upper

82 100

95 7.0 5.6 8.4

138 17.4 13.9 20.9



#26

2-Nitrophenol

Concen: 41.794 ng

RT: 7.69 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF121723.D

Acq: 29 Sep 2020 10:42

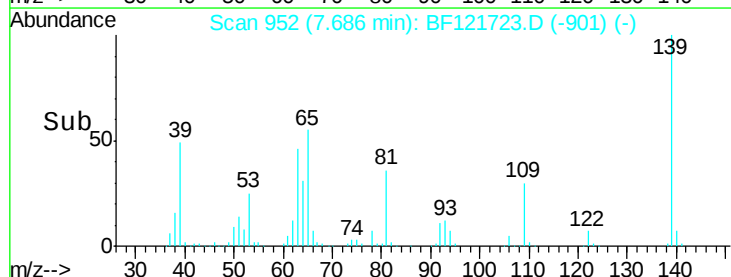
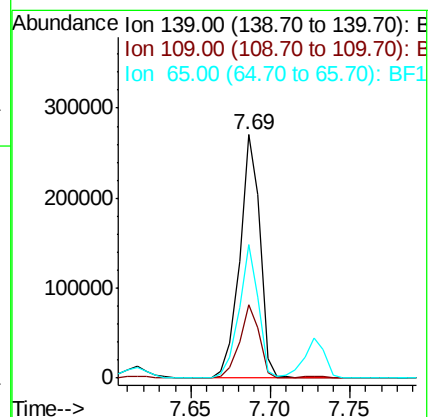
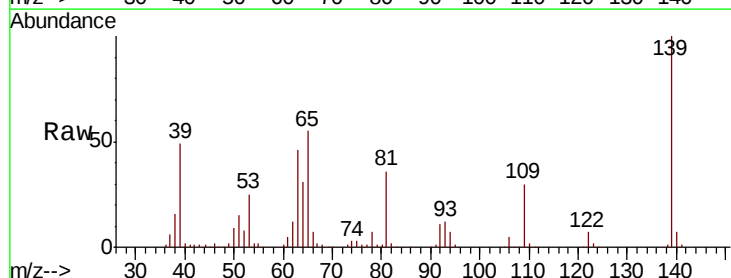
Tgt Ion: 139 Resp: 239439

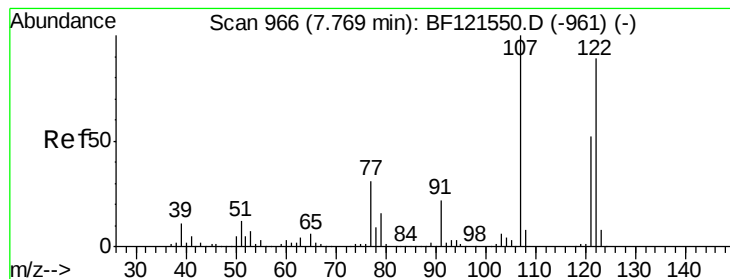
Ion Ratio Lower Upper

139 100

109 30.1 24.1 36.1

65 54.8 43.8 65.8





#27

2,4-Dimethylphenol

Concen: 39.407 ng

RT: 7.73 min Scan# 959

Delta R.T. 0.00 min

Lab File: BF121723.D

Acq: 29 Sep 2020 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

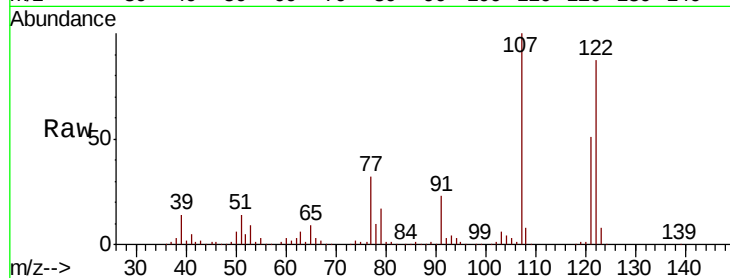
Tot Ion:122 Resp: 401779

Ion Ratio Lower Upper

122 100

107 115.4 92.3 138.5

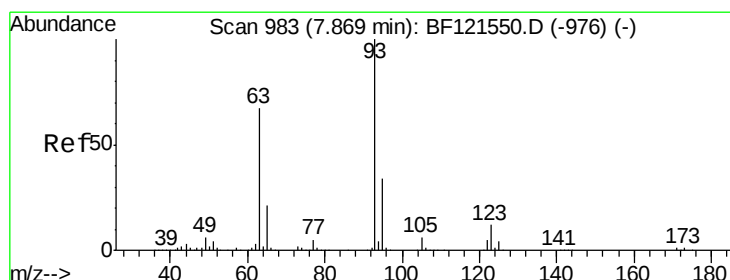
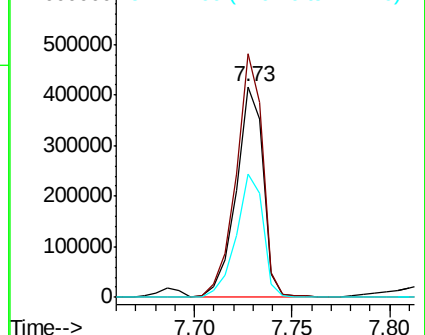
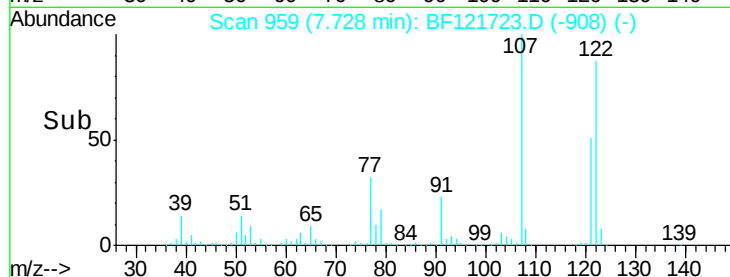
121 58.5 46.8 70.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.636 ng

RT: 7.82 min Scan# 975

Delta R.T. 0.00 min

Lab File: BF121723.D

Acq: 29 Sep 2020 10:42

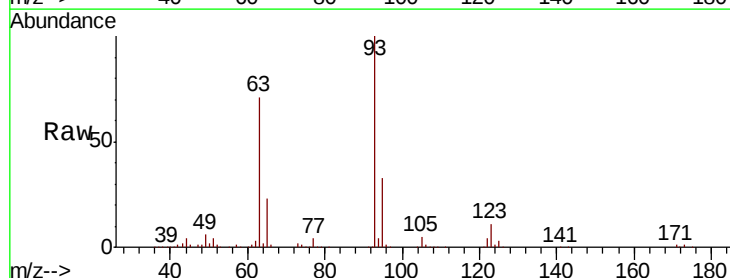
Tgt Ion: 93 Resp: 546317

Ion Ratio Lower Upper

93 100

95 32.6 26.1 39.1

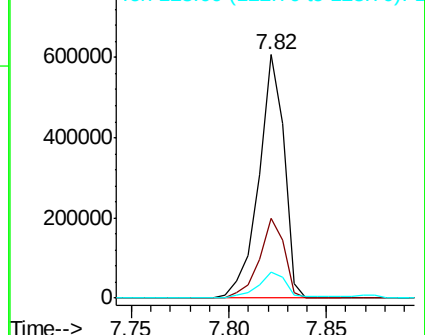
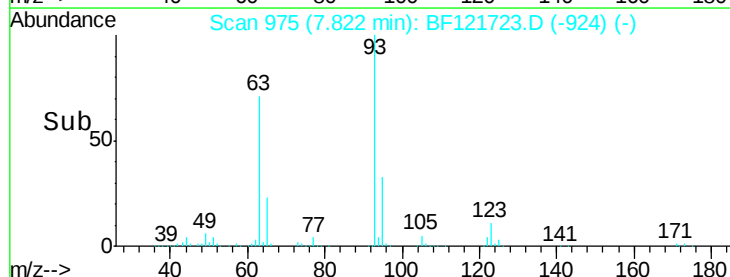
123 10.9 8.7 13.1

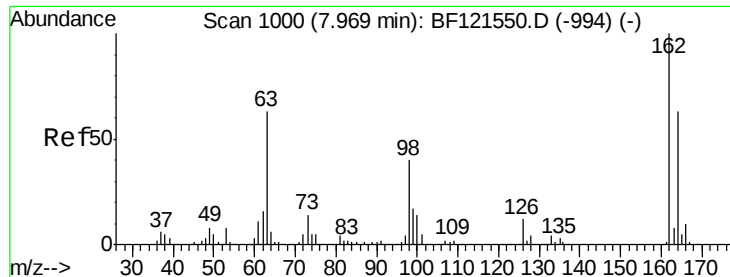


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

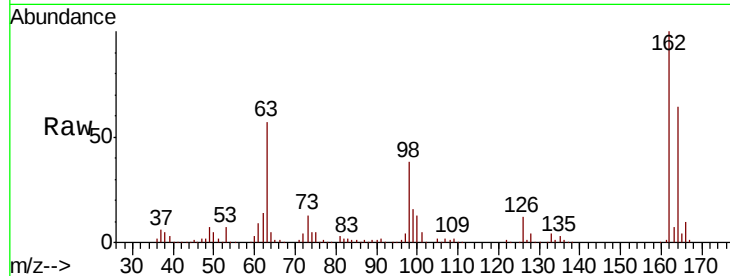




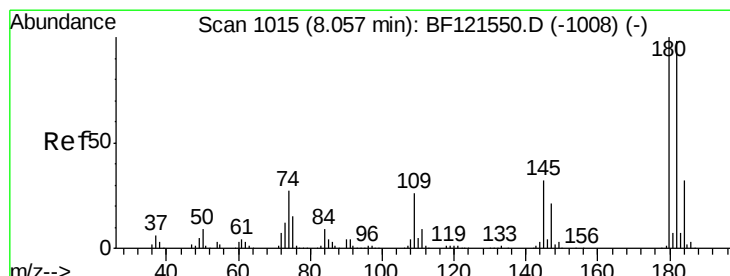
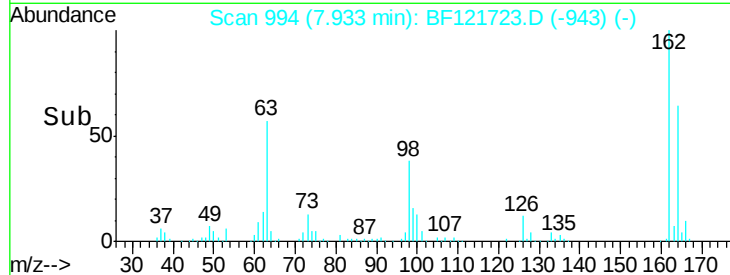
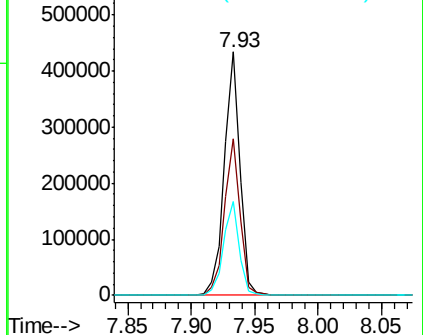
#29
 2,4-Dichlorophenol
 Concen: 40.397 ng
 RT: 7.93 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: BF121723.D
 Acq: 29 Sep 2020 10:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:162	Resp:	375140
Ion Ratio	Lower	Upper
162	100	
164	64.2	44.2 84.2
98	38.5	18.5 58.5

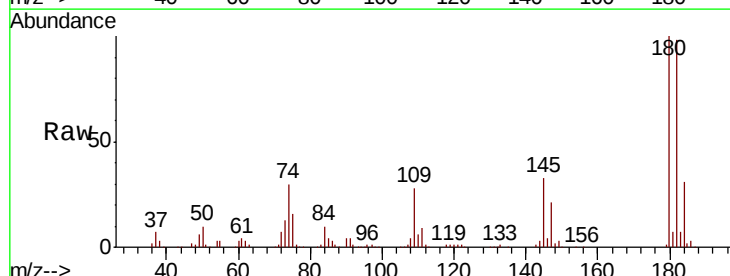


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

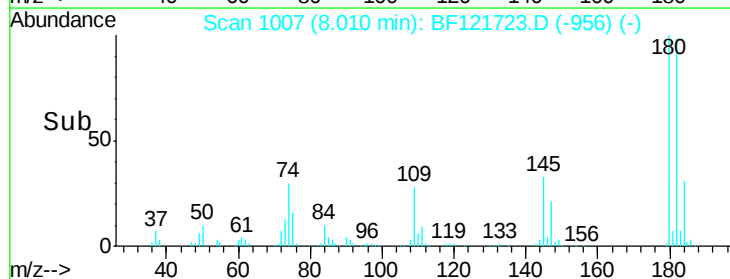
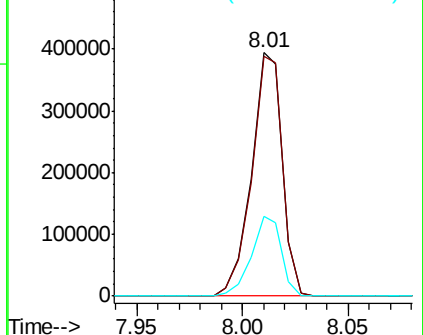


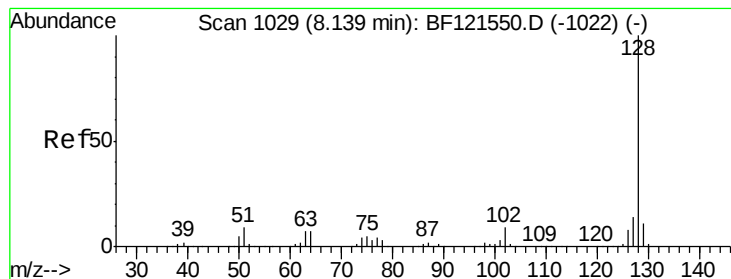
#30
 1,2,4-Trichlorobenzene
 Concen: 40.626 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. 0.00 min
 Lab File: BF121723.D
 Acq: 29 Sep 2020 10:42

Tgt Ion:180	Resp:	397335
Ion Ratio	Lower	Upper
180	100	
182	98.2	78.6 117.8
145	32.9	26.3 39.5



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: 39.512 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BF121723.D

Acq: 29 Sep 2020 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

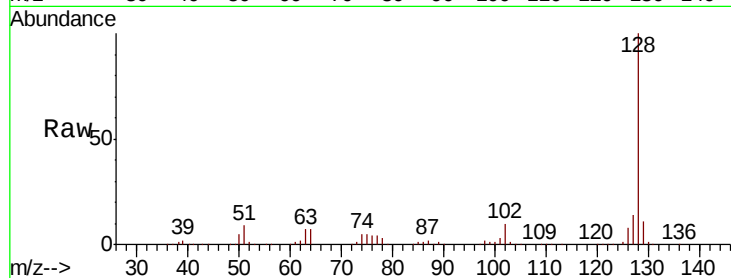
Tot Ion:128 Resp: 1270697

Ion Ratio Lower Upper

128 100

129 11.5 9.2 13.8

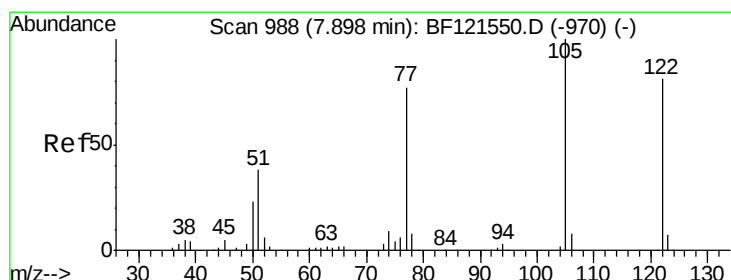
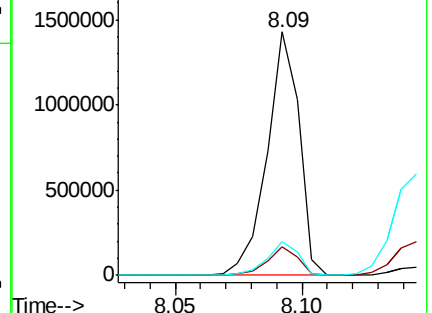
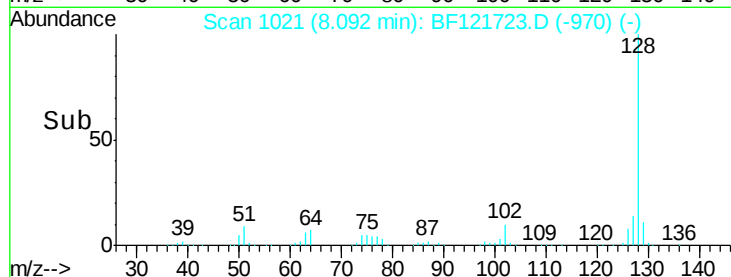
127 13.6 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 34.044 ng

RT: 7.87 min Scan# 984

Delta R.T. 0.00 min

Lab File: BF121723.D

Acq: 29 Sep 2020 10:42

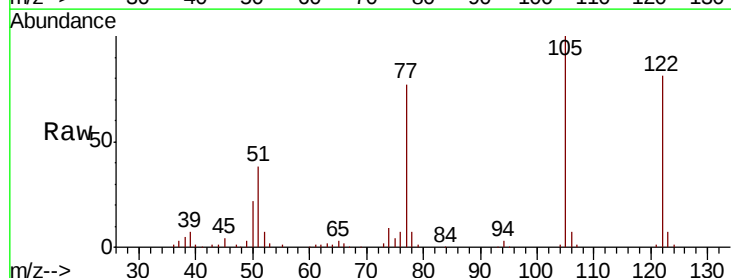
Tgt Ion:122 Resp: 241042

Ion Ratio Lower Upper

122 100

105 123.8 103.8 143.8

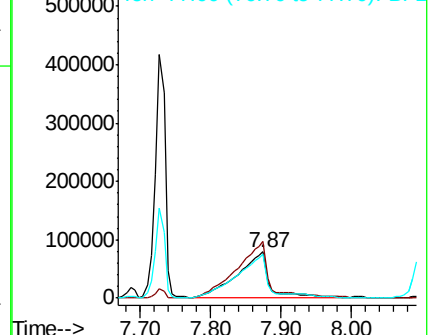
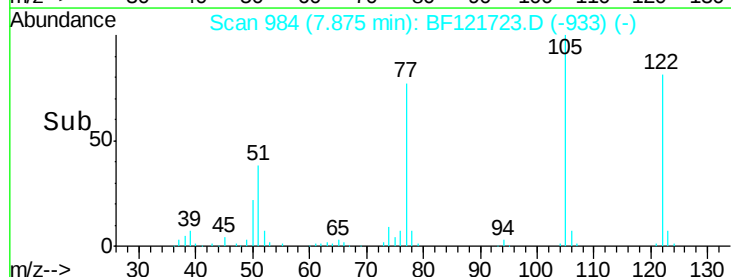
77 95.8 75.8 115.8

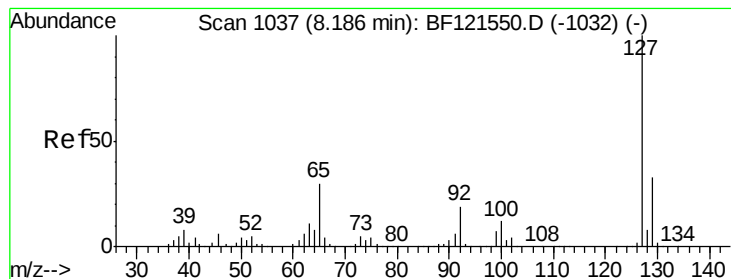


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 39.825 ng

RT: 8.15 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF121723.D

Acq: 29 Sep 2020 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:127 Resp: 555184

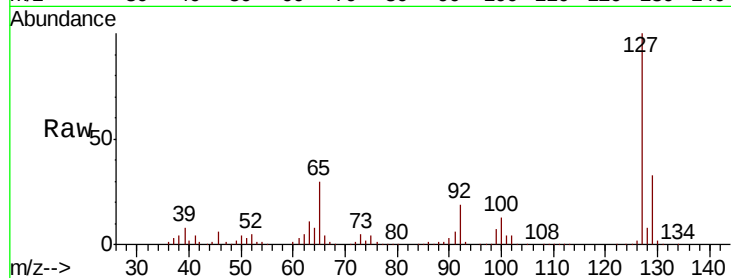
Ion Ratio Lower Upper

127 100

129 32.7 26.2 39.2

65 30.2 24.2 36.2

92 19.2 15.4 23.0

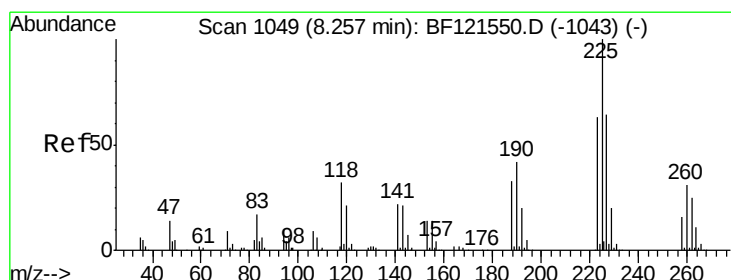
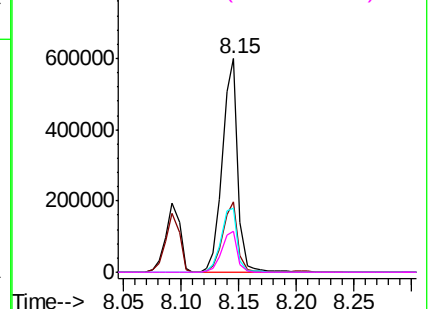
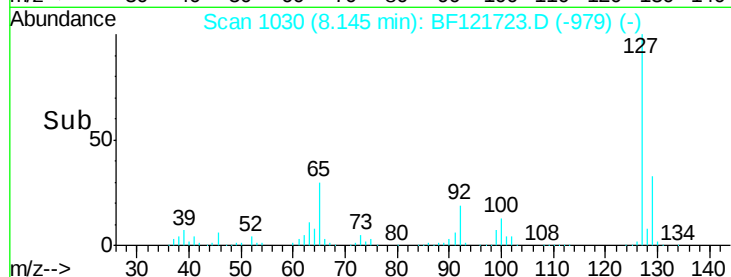


Abundance Ion 127.00 (126.70 to 127.70): E

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: 40.147 ng

RT: 8.21 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF121723.D

Acq: 29 Sep 2020 10:42

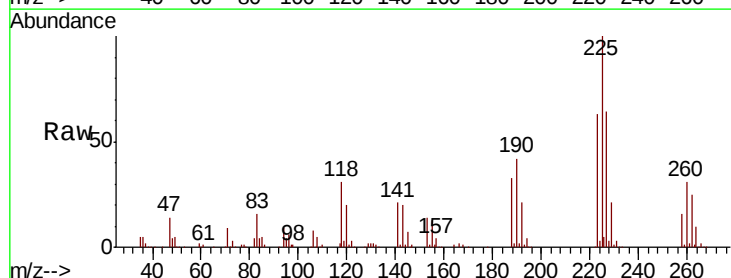
Tgt Ion:225 Resp: 230470

Ion Ratio Lower Upper

225 100

223 63.1 50.5 75.7

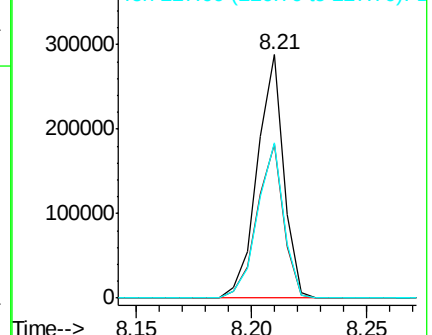
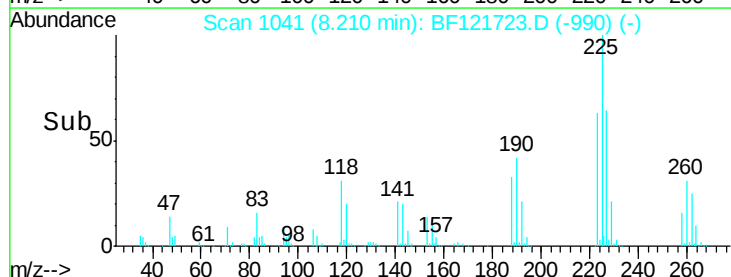
227 63.7 51.0 76.4

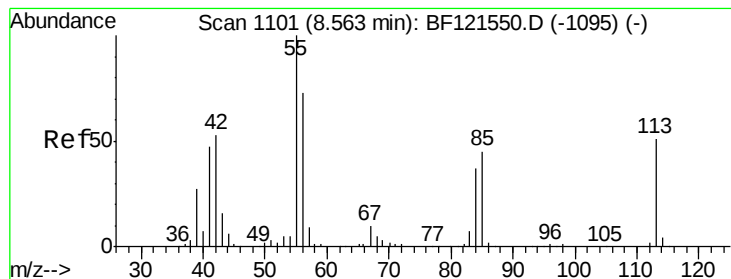


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 40.606 ng

RT: 8.53 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BF121723.D

Acq: 29 Sep 2020 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

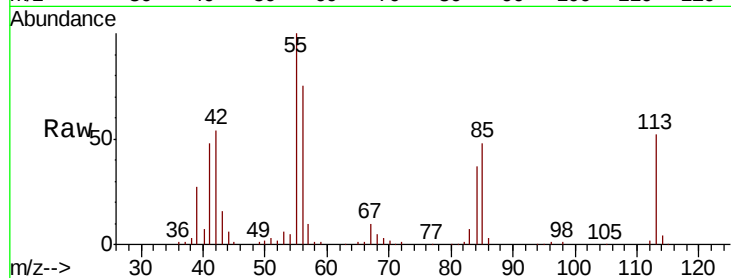
Tot Ion:113 Resp: 125572

Ion Ratio Lower Upper

113 100

55 190.7 170.7 210.7

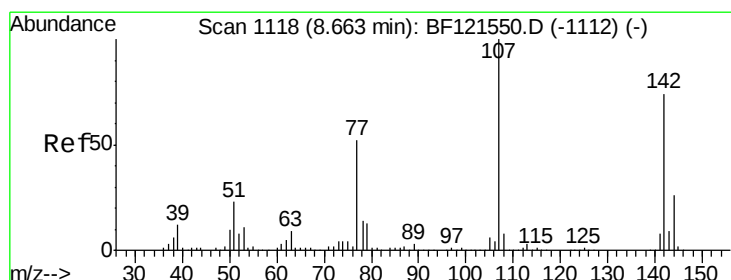
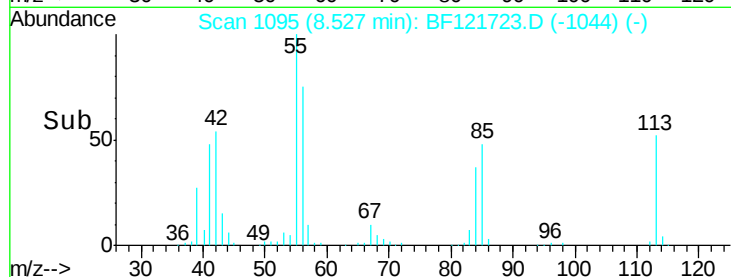
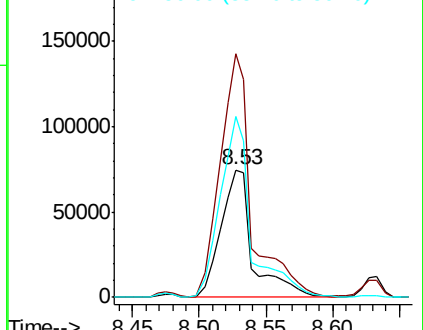
56 142.1 122.1 162.1



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: 39.759 ng

RT: 8.63 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BF121723.D

Acq: 29 Sep 2020 10:42

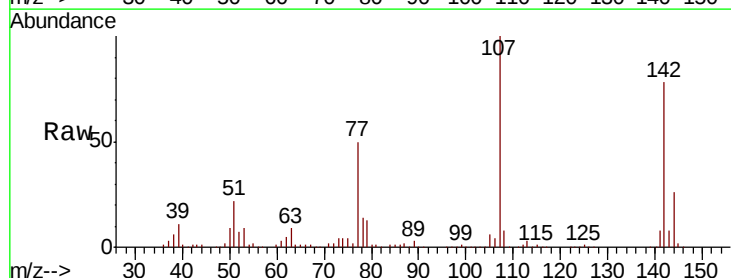
Tgt Ion:107 Resp: 397741

Ion Ratio Lower Upper

107 100

144 26.5 21.2 31.8

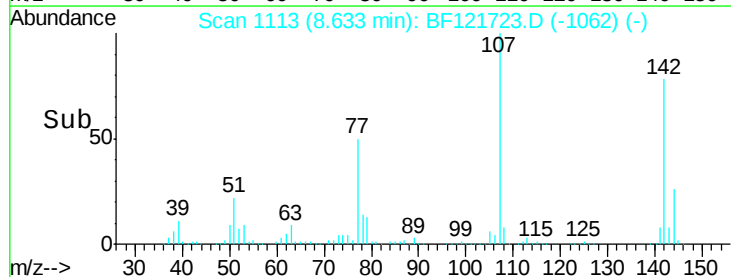
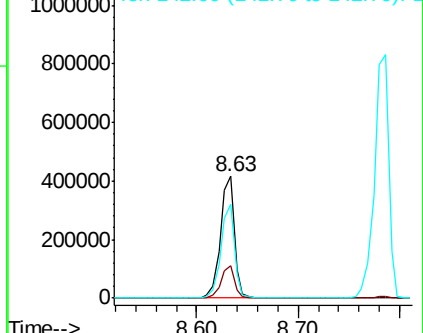
142 77.7 62.2 93.2

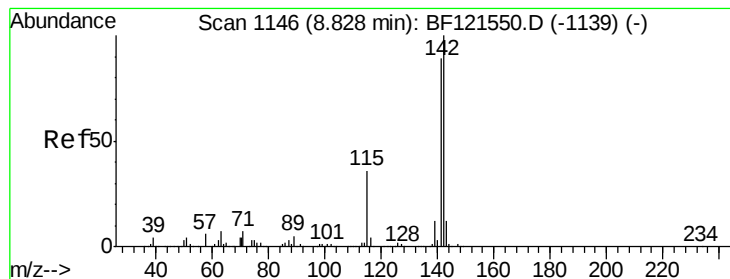


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.646 ng

RT: 8.79 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BF121723.D

Acq: 29 Sep 2020 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

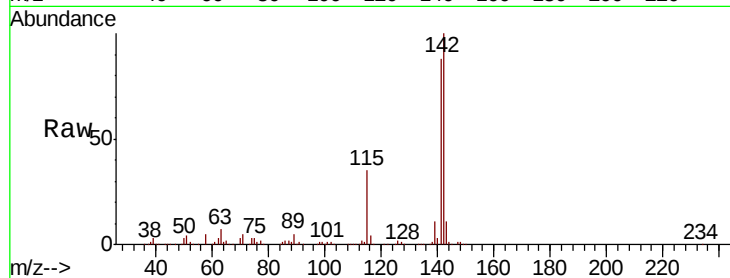
Tot Ion:142 Resp: 814494

Ion Ratio Lower Upper

142 100

141 87.6 70.1 105.1

115 35.0 28.0 42.0



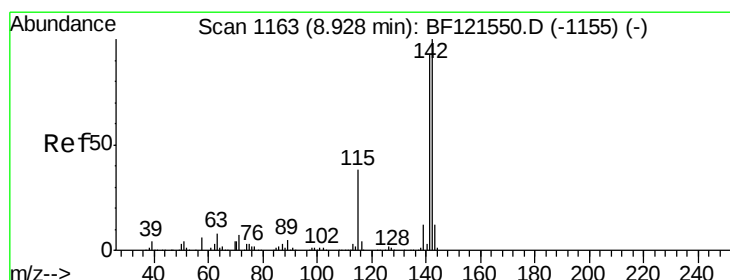
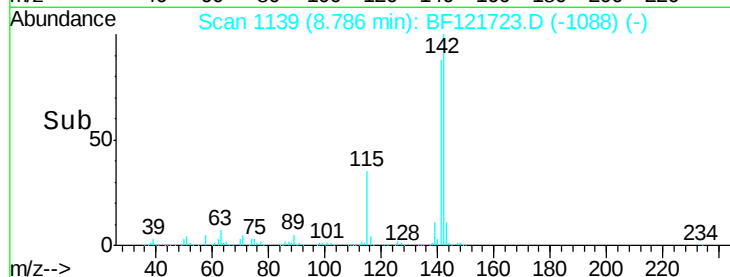
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

8.79

Time-->



#38

1-Methylnaphthalene

Concen: 38.600 ng

RT: 8.88 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF121723.D

Acq: 29 Sep 2020 10:42

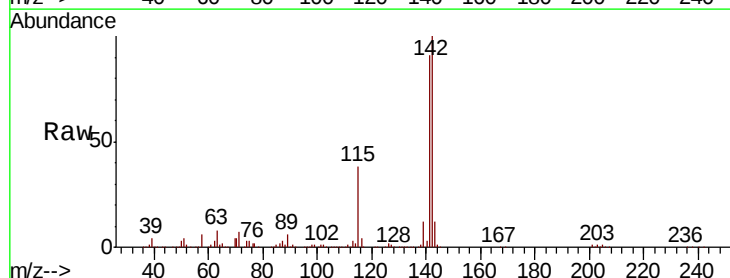
Tgt Ion:142 Resp: 757123

Ion Ratio Lower Upper

142 100

141 91.5 73.2 109.8

116 4.0 3.2 4.8



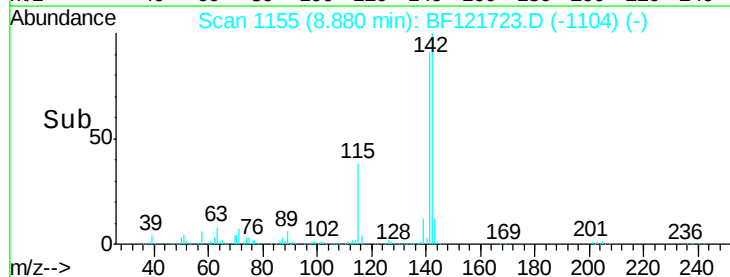
Abundance Ion 142.00 (141.70 to 142.70): E

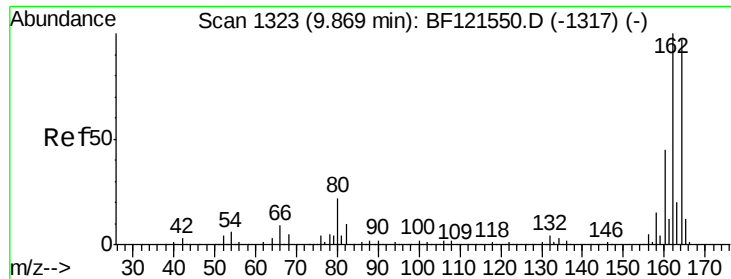
Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

8.88

Time-->





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BF121723.D

Acq: 29 Sep 2020 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

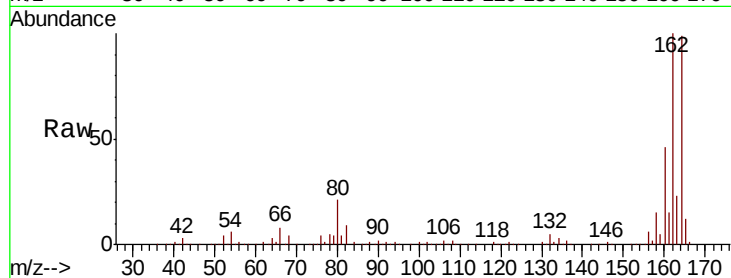
Tot Ion:164 Resp: 300487

Ion Ratio Lower Upper

164 100

162 100.8 80.6 121.0

160 46.1 36.9 55.3

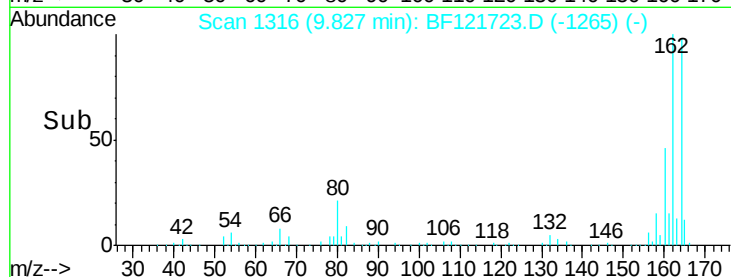


Abundance Ion 164.00 (163.70 to 164.70): E

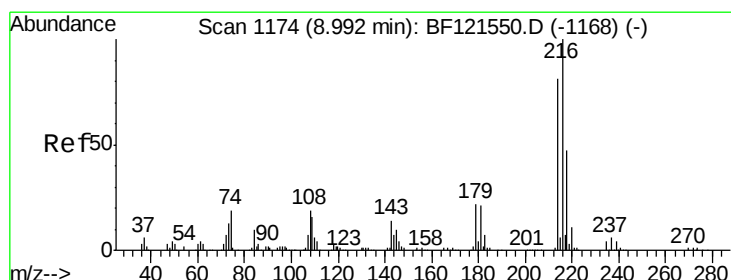
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Time-->



Time-->



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.843 ng

RT: 8.95 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF121723.D

Acq: 29 Sep 2020 10:42

Tgt Ion:216 Resp: 383362

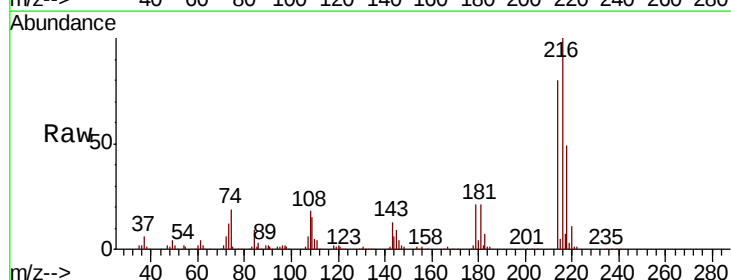
Ion Ratio Lower Upper

216 100

214 80.0 64.0 96.0

179 21.0 16.8 25.2

108 19.4 15.5 23.3



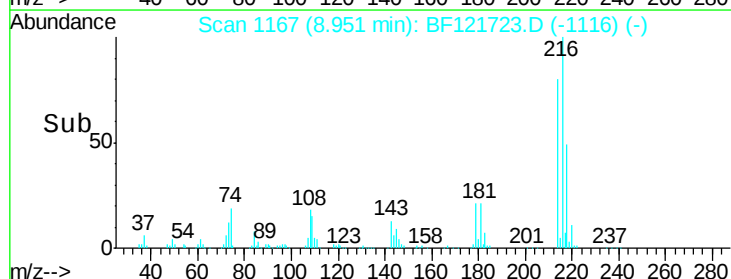
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

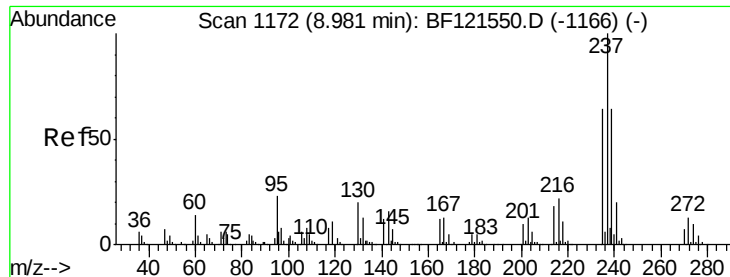
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

Time-->



Time-->



#41

Hexachlorocyclopentadiene

Concen: 35.513 ng

RT: 8.94 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BF121723.D

Acq: 29 Sep 2020 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

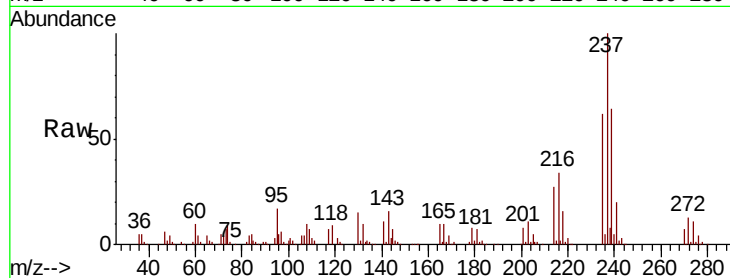
Tot Ion:237 Resp: 190358

Ion Ratio Lower Upper

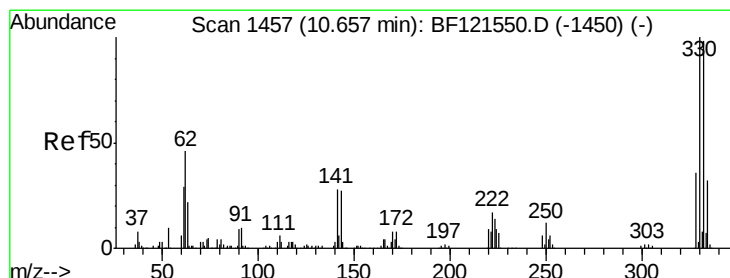
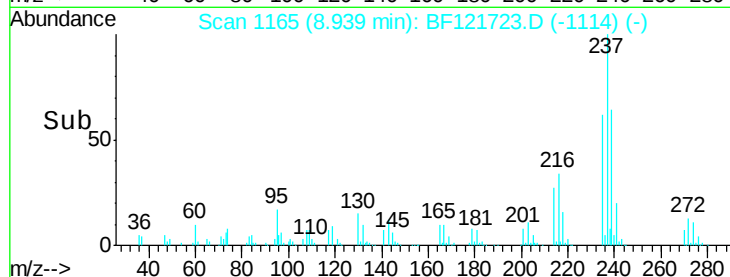
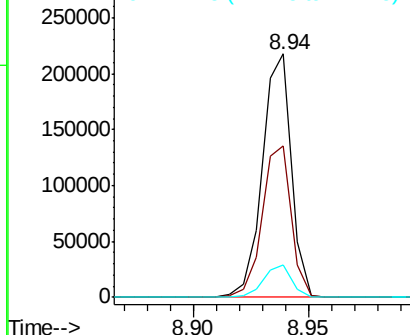
237 100

235 62.3 42.3 82.3

272 13.4 0.0 33.4



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



#42

2,4,6-Tribromophenol

Concen: 82.816 ng

RT: 10.62 min Scan# 1450

Delta R.T. 0.00 min

Lab File: BF121723.D

Acq: 29 Sep 2020 10:42

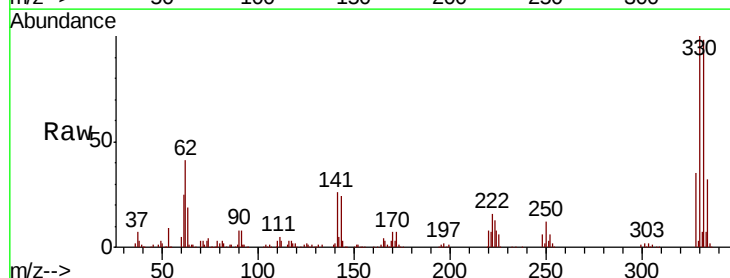
Tgt Ion:330 Resp: 309290

Ion Ratio Lower Upper

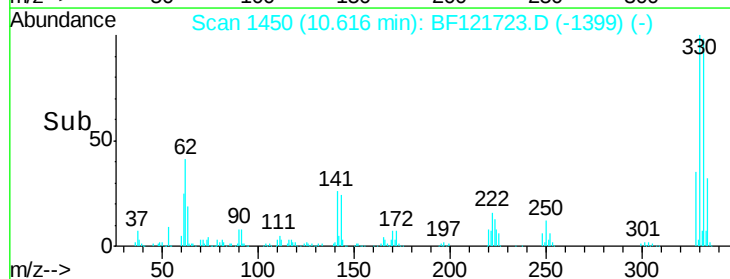
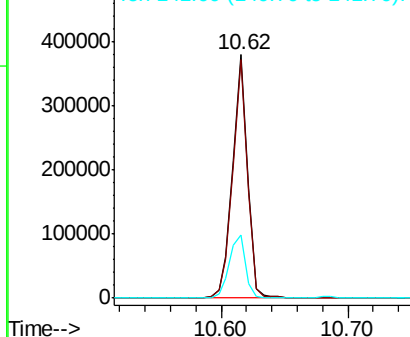
330 100

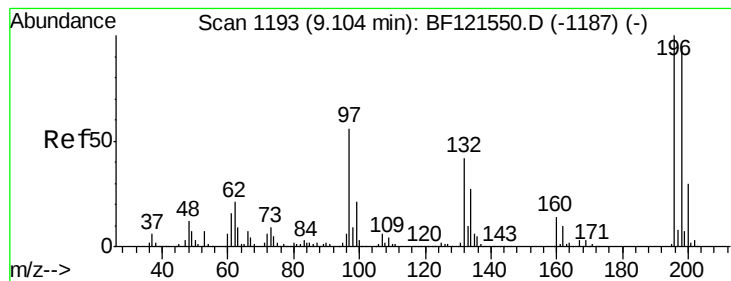
332 97.0 77.6 116.4

141 28.6 22.9 34.3



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





#43

2,4,6-Trichlorophenol

Concen: 40.229 ng

RT: 9.06 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BF121723.D

Acq: 29 Sep 2020 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

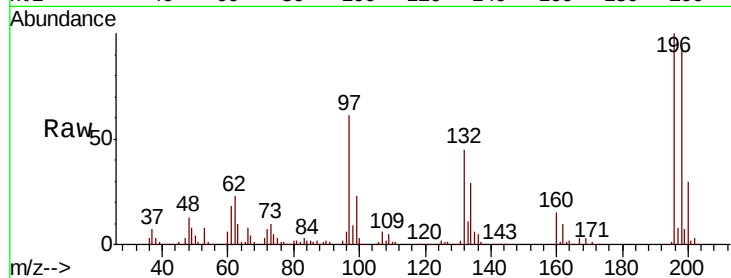
Tot Ion:196 Resp: 257376

Ion Ratio Lower Upper

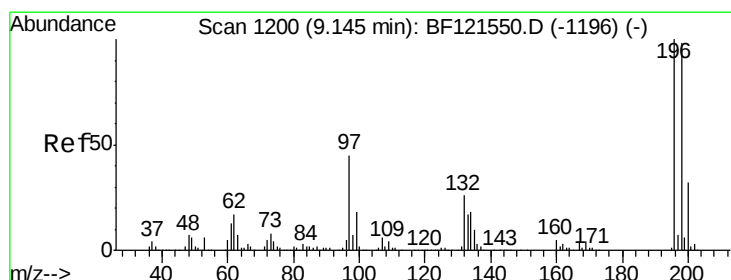
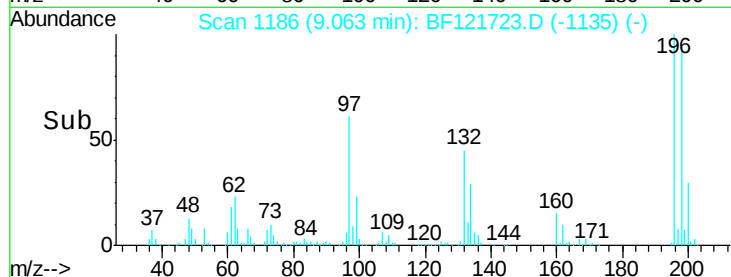
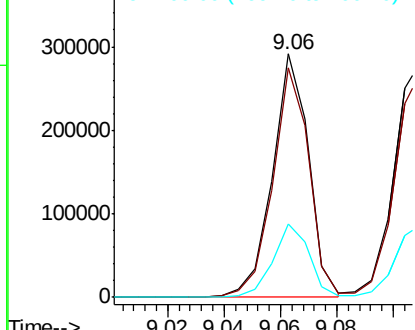
196 100

198 94.2 75.4 113.0

200 30.3 24.2 36.4



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: 40.856 ng

RT: 9.11 min Scan# 1194

Delta R.T. 0.00 min

Lab File: BF121723.D

Acq: 29 Sep 2020 10:42

Tgt Ion:196 Resp: 276326

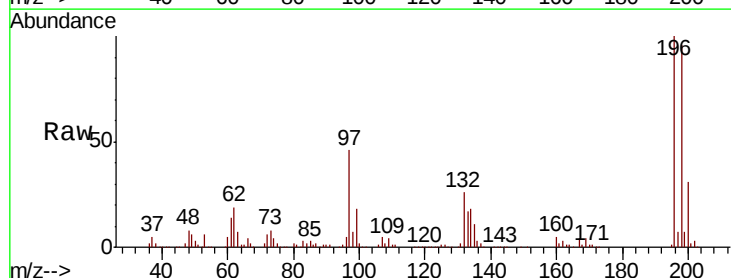
Ion Ratio Lower Upper

196 100

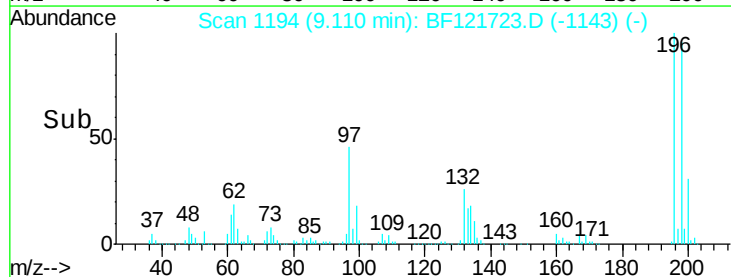
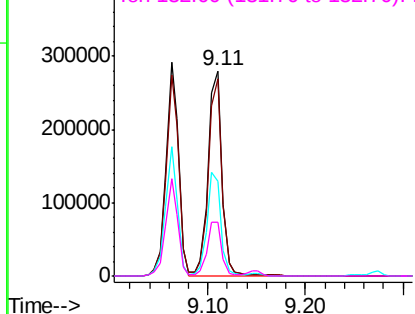
198 96.1 76.9 115.3

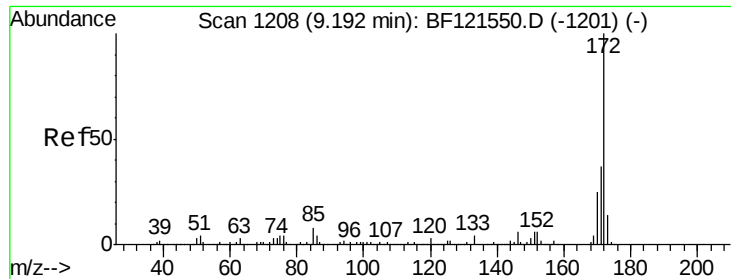
97 46.1 36.9 55.3

132 25.9 20.7 31.1



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

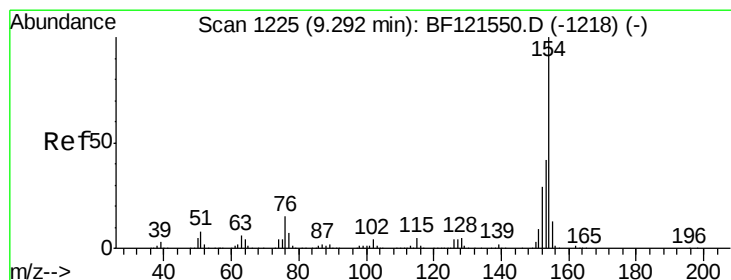
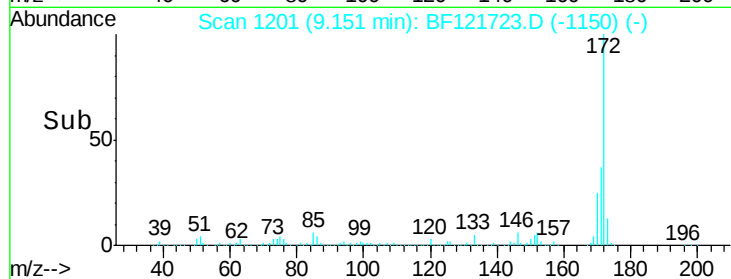
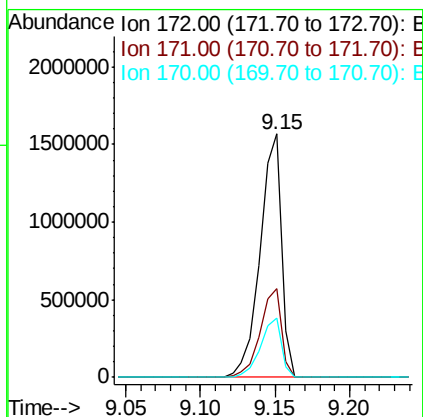
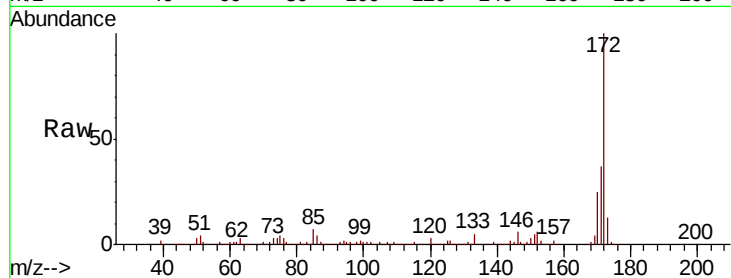




#45
2-Fluorobiphenyl
Concen: 77.249 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BF121723.D
Acq: 29 Sep 2020 10:42

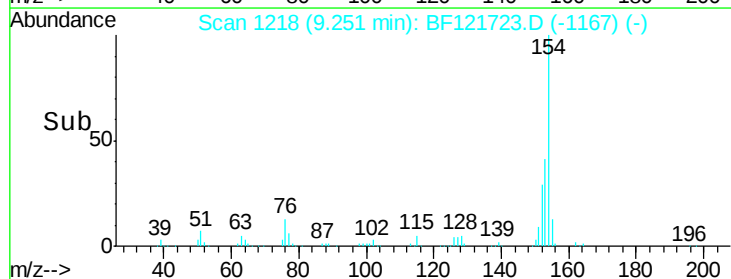
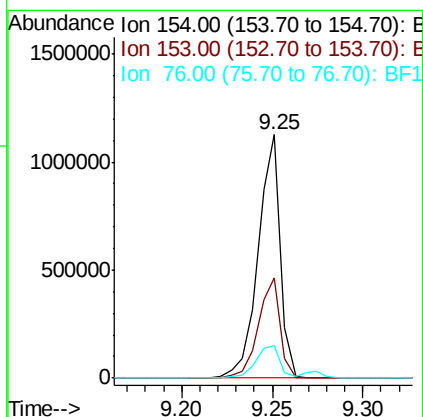
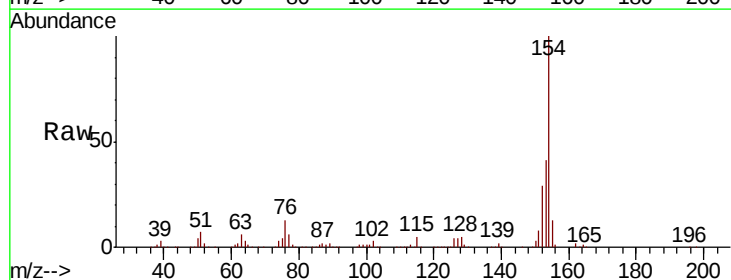
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

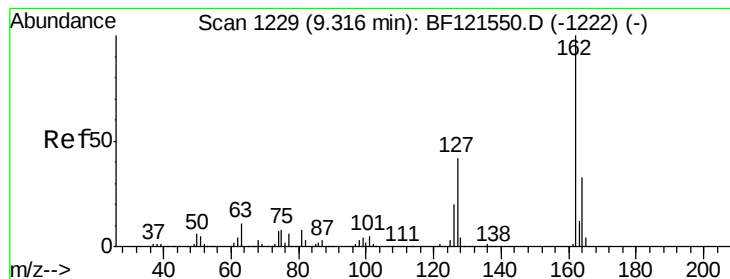
Tot Ion:172 Resp: 1532639
Ion Ratio Lower Upper
172 100
171 36.5 29.2 43.8
170 24.6 19.7 29.5



#46
1,1'-Biphenyl
Concen: 39.549 ng
RT: 9.25 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BF121723.D
Acq: 29 Sep 2020 10:42

Tgt Ion:154 Resp: 951396
Ion Ratio Lower Upper
154 100
153 41.2 21.2 61.2
76 13.3 0.0 33.3





#47

2-Chloronaphthalene

Concen: 39.928 ng

RT: 9.27 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BF121723.D

Acq: 29 Sep 2020 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

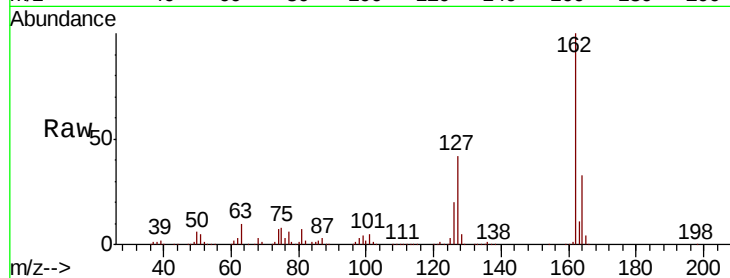
Tot Ion:162 Resp: 756911

Ion Ratio Lower Upper

162 100

127 42.2 33.8 50.6

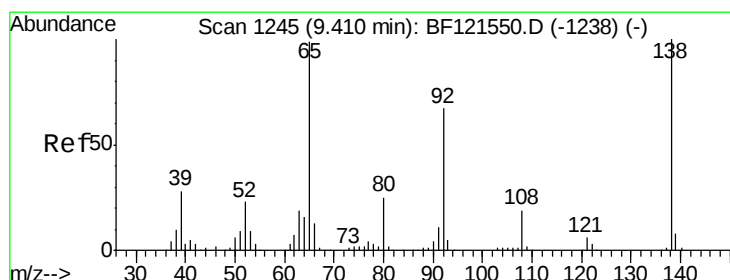
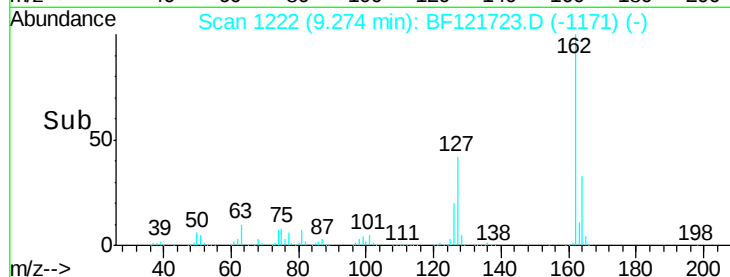
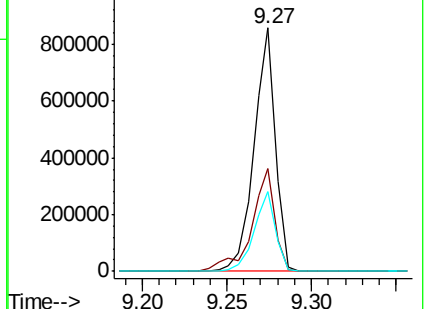
164 32.8 26.2 39.4



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: 44.817 ng

RT: 9.37 min Scan# 1238

Delta R.T. 0.00 min

Lab File: BF121723.D

Acq: 29 Sep 2020 10:42

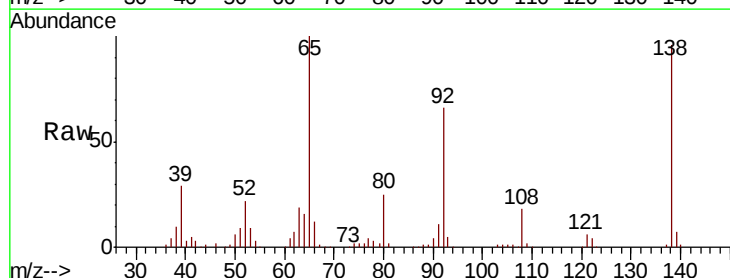
Tgt Ion: 65 Resp: 264010

Ion Ratio Lower Upper

65 100

92 66.4 53.1 79.7

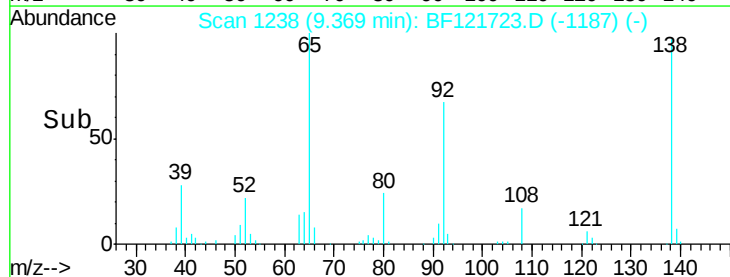
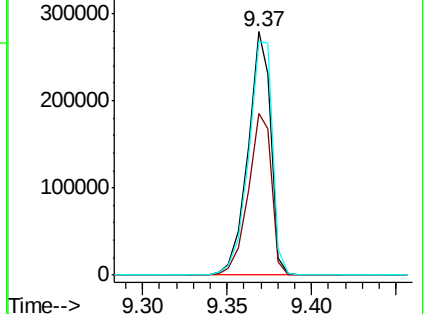
138 95.9 76.7 115.1

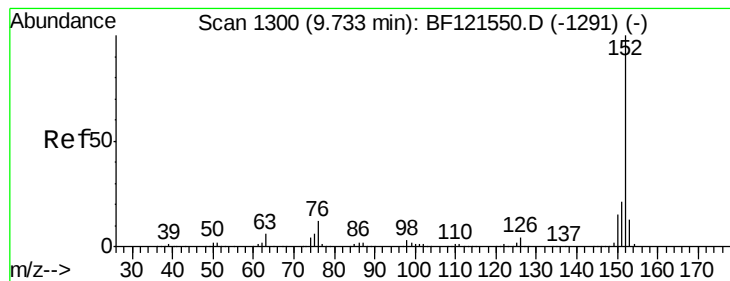


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.930 ng

RT: 9.69 min Scan# 1292

Delta R.T. 0.00 min

Lab File: BF121723.D

Acq: 29 Sep 2020 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

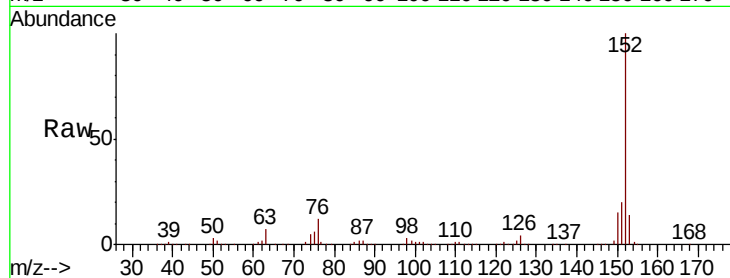
Tot Ion:152 Resp: 1163030

Ion Ratio Lower Upper

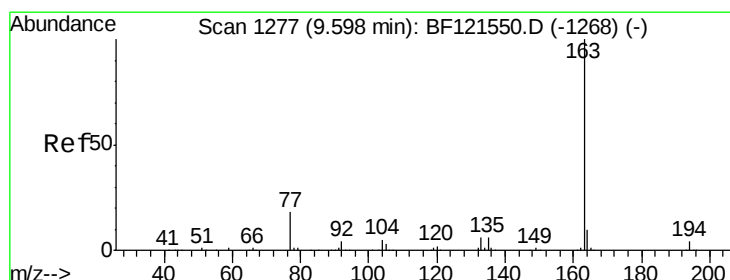
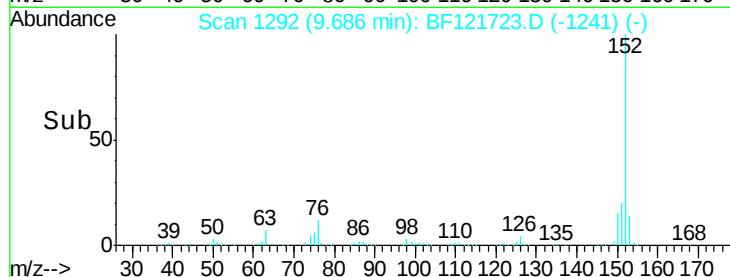
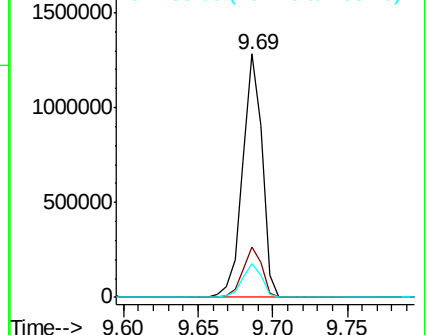
152 100

151 20.5 16.4 24.6

153 13.6 10.9 16.3



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: 39.112 ng

RT: 9.55 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BF121723.D

Acq: 29 Sep 2020 10:42

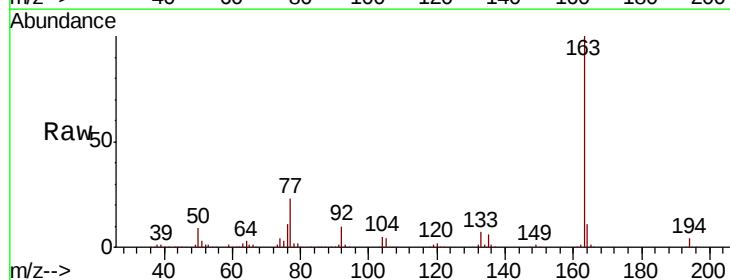
Tgt Ion:163 Resp: 851805

Ion Ratio Lower Upper

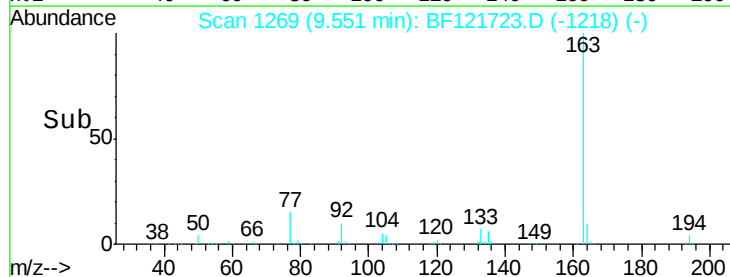
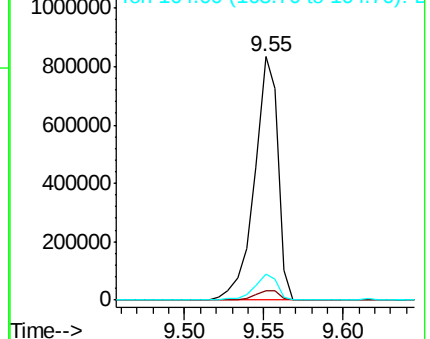
163 100

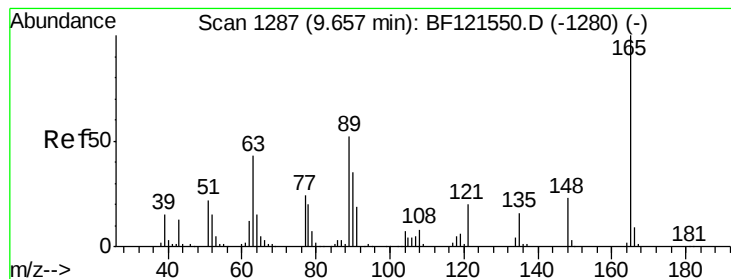
194 3.9 3.1 4.7

164 10.6 8.5 12.7



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: 42.553 ng

RT: 9.62 min Scan# 1280

Delta R.T. 0.00 min

Lab File: BF121723.D

Acq: 29 Sep 2020 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

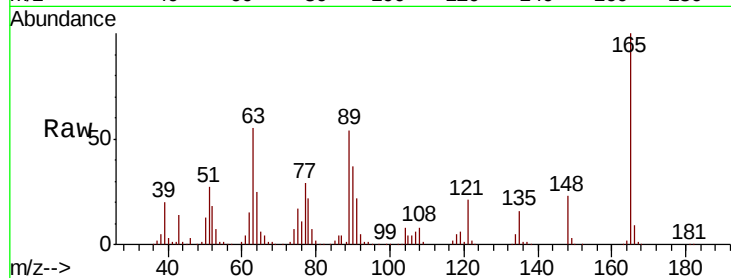
Tot Ion:165 Resp: 197367

Ion Ratio Lower Upper

165 100

63 54.7 43.8 65.6

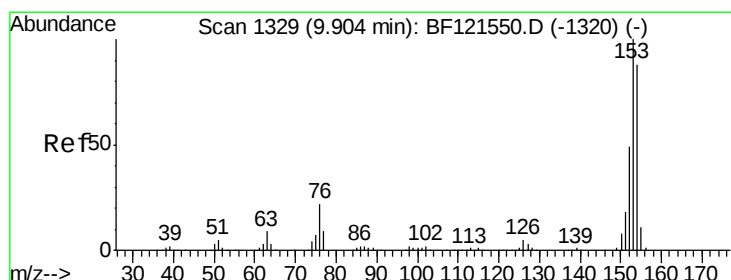
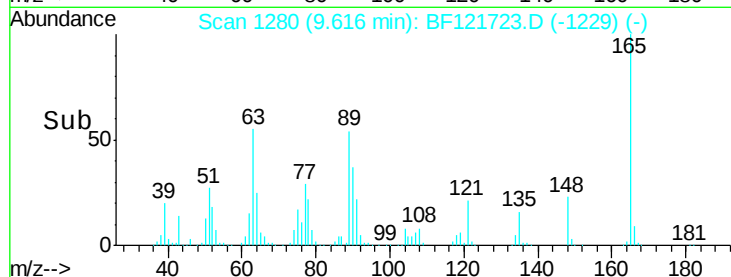
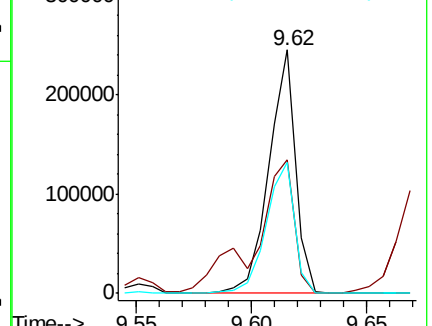
89 53.7 43.0 64.4



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



#52

Acenaphthene

Concen: 37.331 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BF121723.D

Acq: 29 Sep 2020 10:42

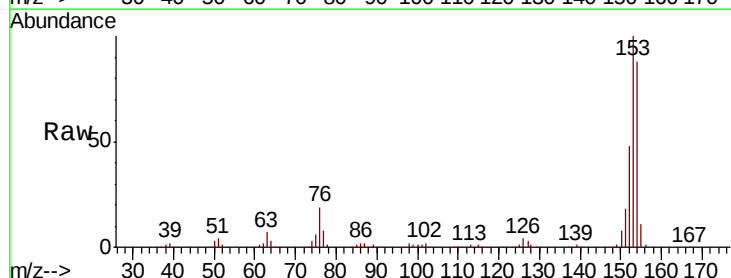
Tgt Ion:154 Resp: 686772

Ion Ratio Lower Upper

154 100

153 113.4 90.7 136.1

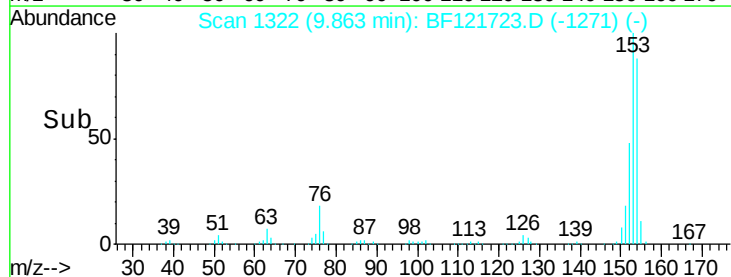
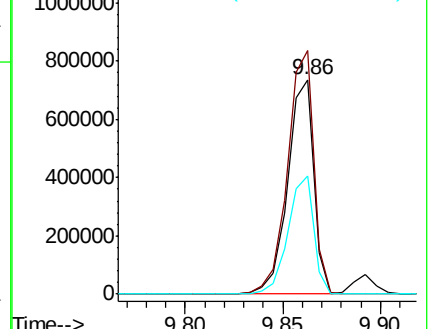
152 54.9 43.9 65.9

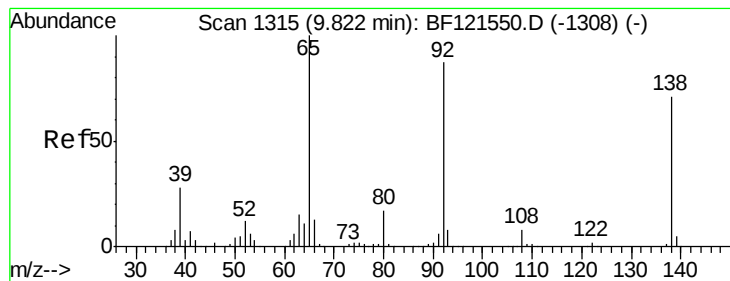


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 42.228 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.00 min

Lab File: BF121723.D

Acq: 29 Sep 2020 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

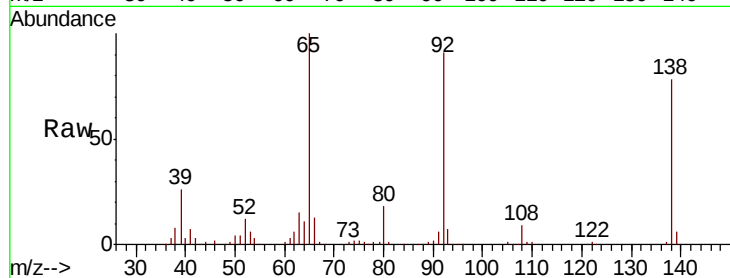
Tot Ion:138 Resp: 226893

Ion Ratio Lower Upper

138 100

108 11.2 9.0 13.4

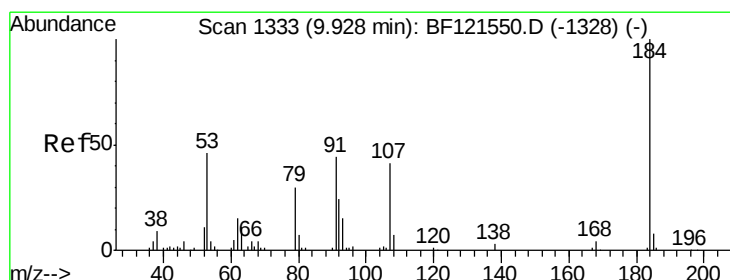
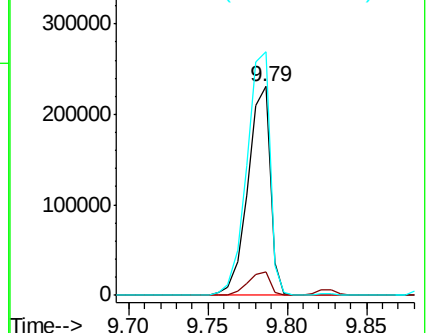
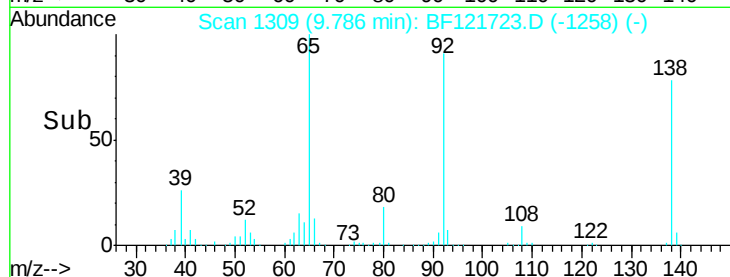
92 116.7 93.4 140.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 39.803 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.00 min

Lab File: BF121723.D

Acq: 29 Sep 2020 10:42

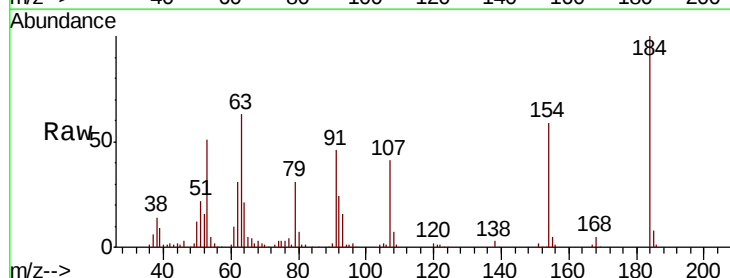
Tgt Ion:184 Resp: 92768

Ion Ratio Lower Upper

184 100

63 62.6 50.1 75.1

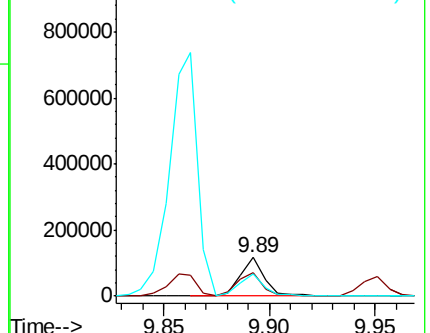
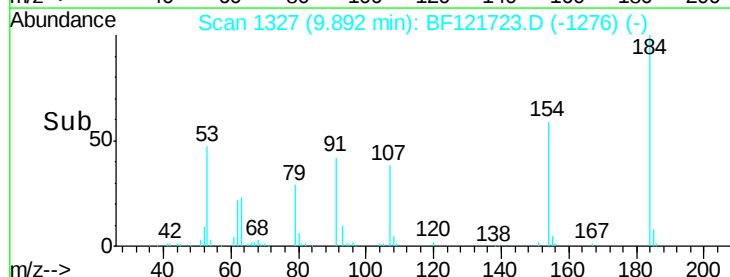
154 58.8 47.0 70.6

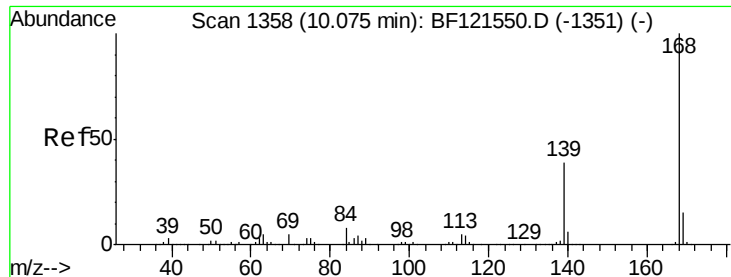


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

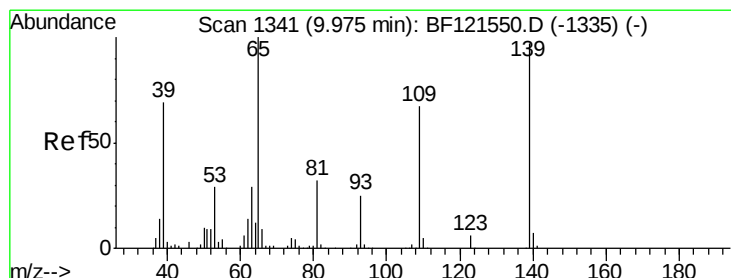
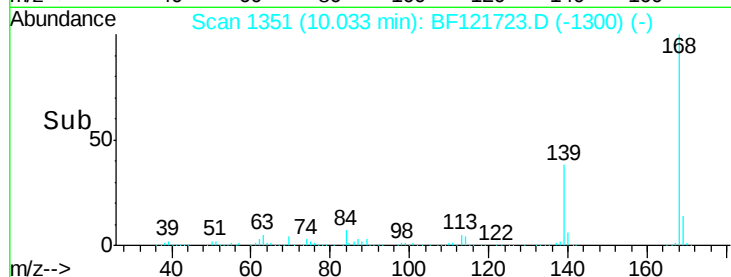
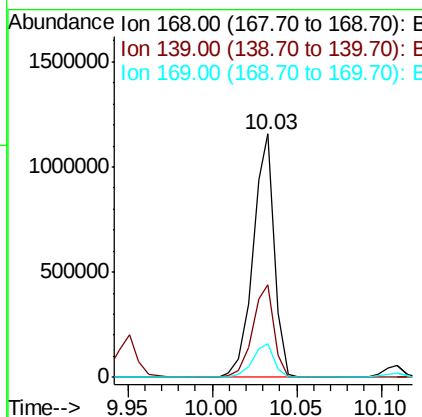
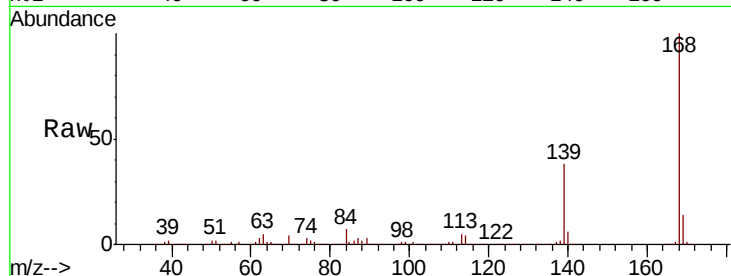




#55
Dibenzenofuran
Concen: 39.303 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF121723.D
Acq: 29 Sep 2020 10:42

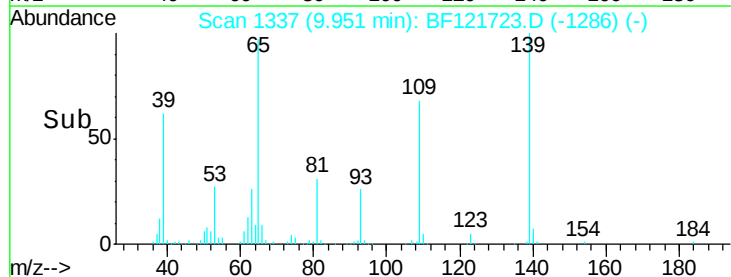
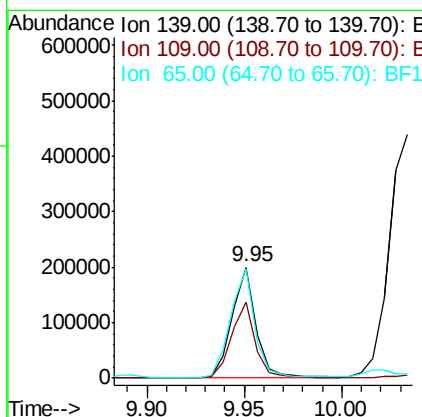
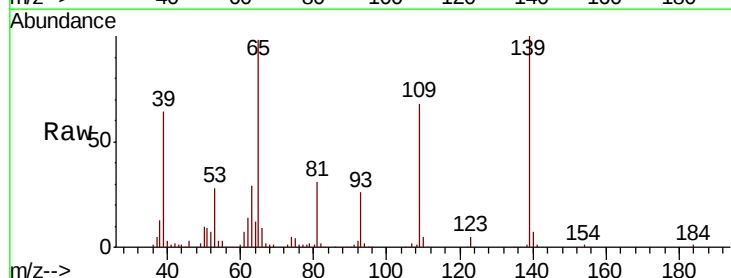
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

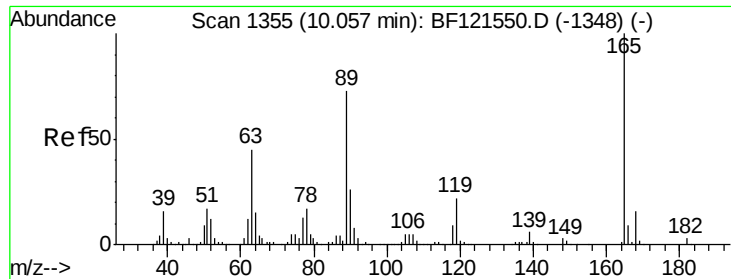
Tot Ion:168 Resp: 1018243
Ion Ratio Lower Upper
168 100
139 37.9 30.3 45.5
169 14.0 11.2 16.8



#56
4-Nitrophenol
Concen: 39.945 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF121723.D
Acq: 29 Sep 2020 10:42

Tgt Ion:139 Resp: 171166
Ion Ratio Lower Upper
139 100
109 68.4 48.4 88.4
65 97.7 77.7 117.7

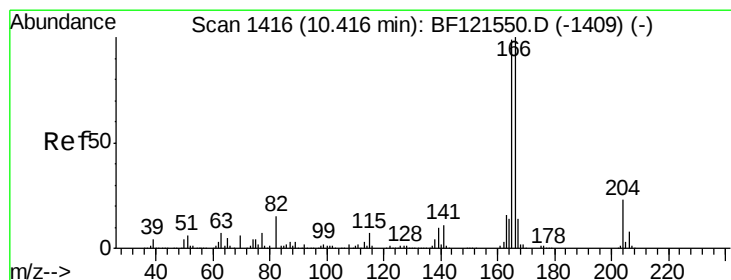
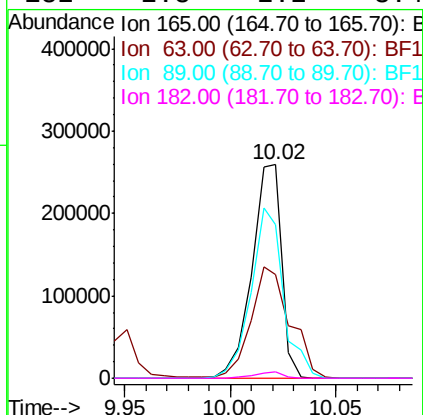
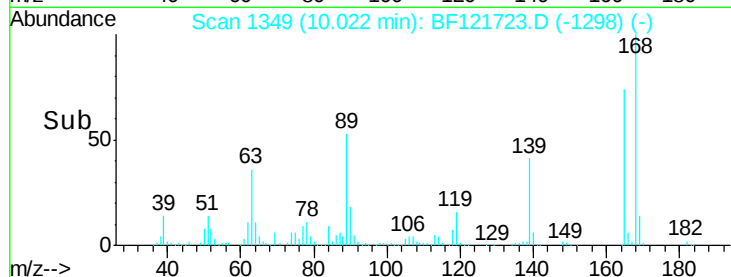
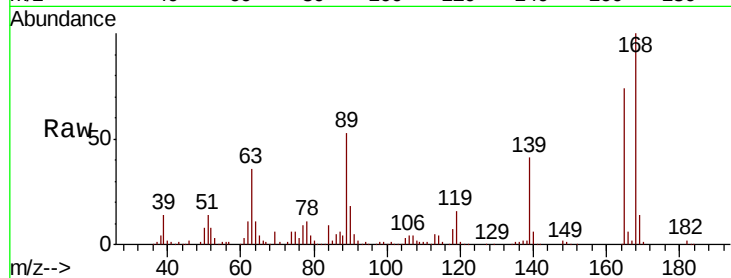




#57
 2,4-Dinitrotoluene
 Concen: 43.717 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. 0.00 min
 Lab File: BF121723.D
 Acq: 29 Sep 2020 10:42

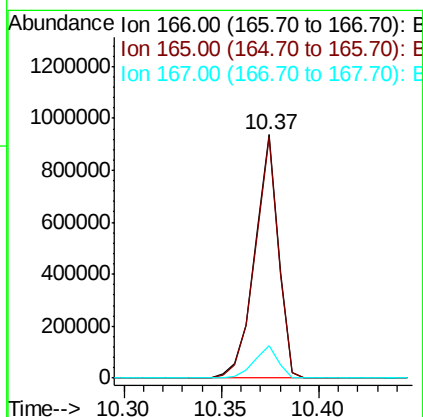
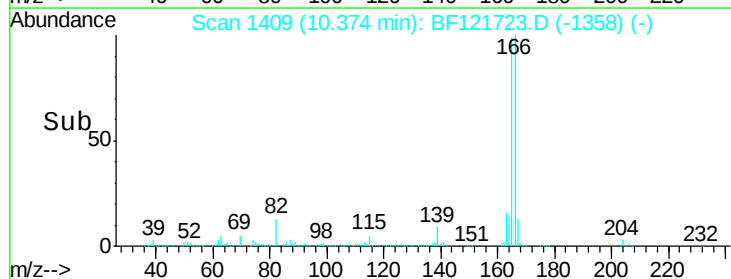
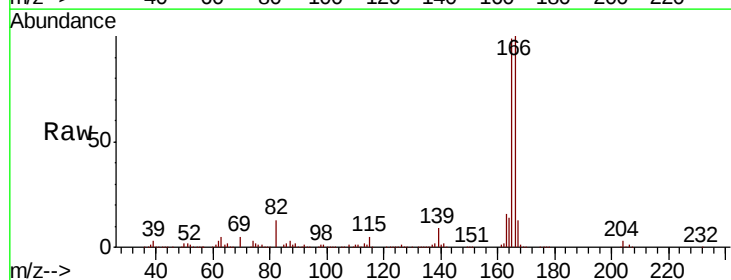
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

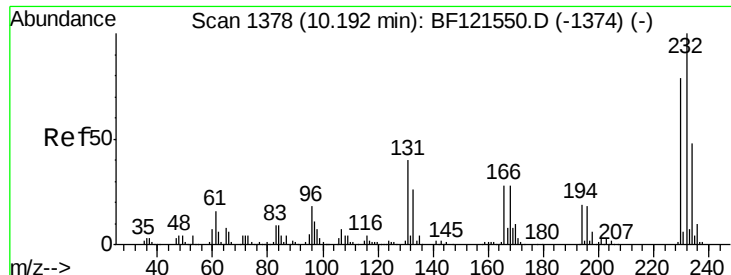
Tot Ion:	165	Resp:	255096
Ion	Ratio	Lower	Upper
165	100		
63	48.8	39.0	58.6
89	71.9	57.5	86.3
182	2.8	2.2	3.4



#58
 Fluorene
 Concen: 39.512 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. 0.00 min
 Lab File: BF121723.D
 Acq: 29 Sep 2020 10:42

Tgt Ion:	166	Resp:	782817
Ion	Ratio	Lower	Upper
166	100		
165	99.0	79.2	118.8
167	13.3	10.6	16.0

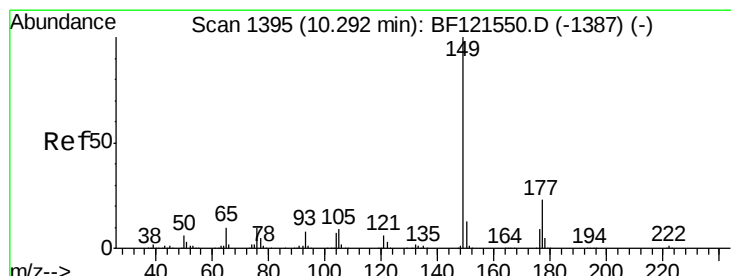
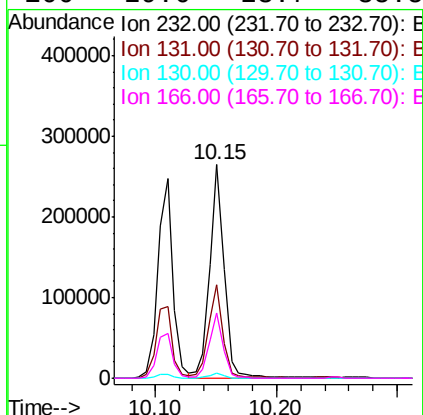
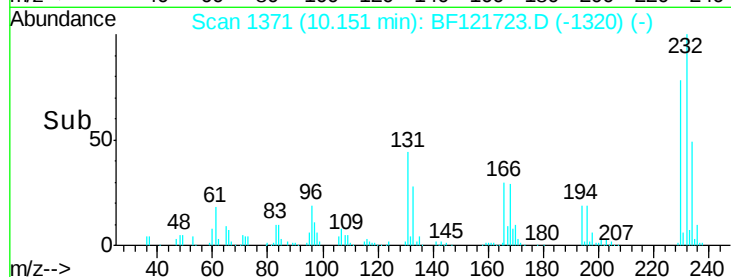
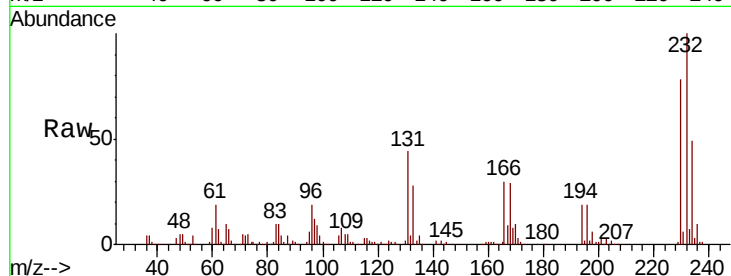




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.871 ng
 RT: 10.15 min Scan# 1371
 Delta R.T. 0.00 min
 Lab File: BF121723.D
 Acq: 29 Sep 2020 10:42

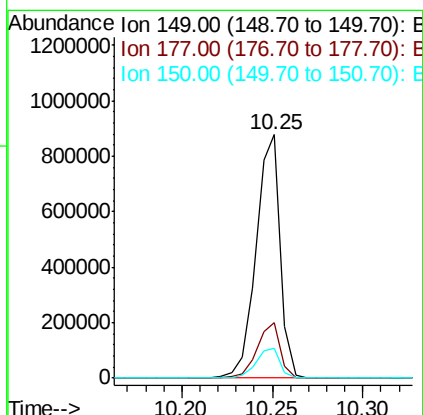
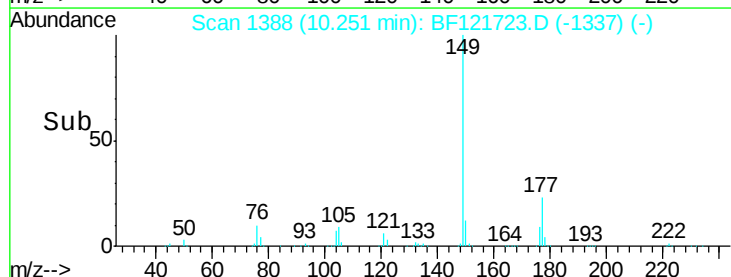
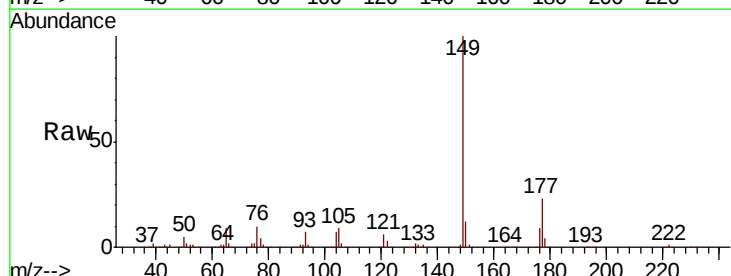
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

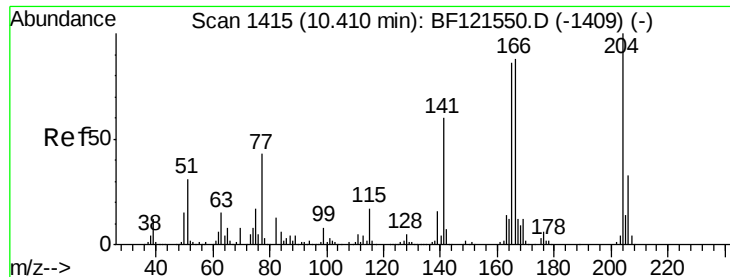
Tot Ion	Ratio	Lower	Upper
232	100		
131	43.6	34.9	52.3
130	2.1	1.7	2.5
166	29.6	23.7	35.5



#60
 Diethylphthalate
 Concen: 38.082 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: BF121723.D
 Acq: 29 Sep 2020 10:42

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.7	18.2	27.2
150	12.5	10.0	15.0

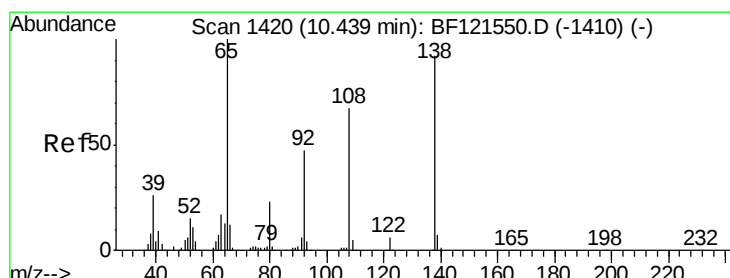
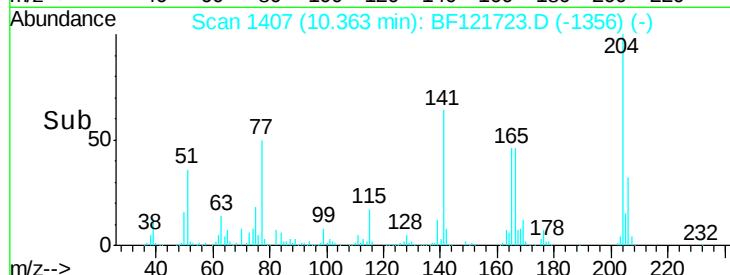
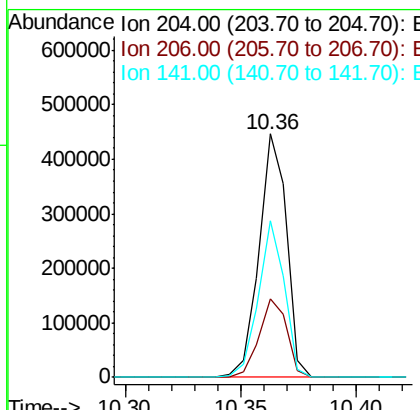
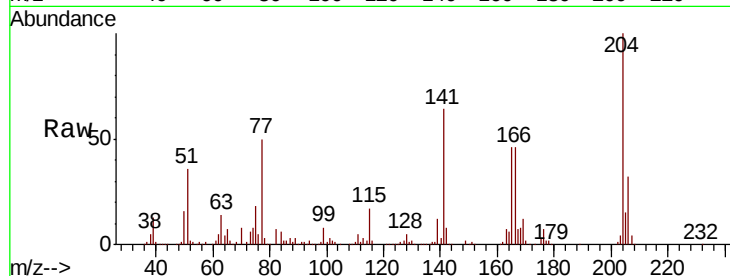




#61
4-Chlorophenyl-phenylether
Concen: 39.160 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF121723.D
Acq: 29 Sep 2020 10:42

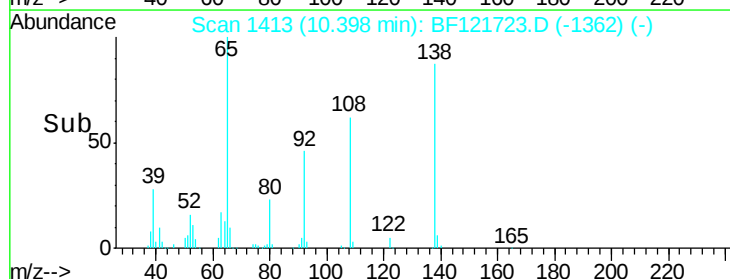
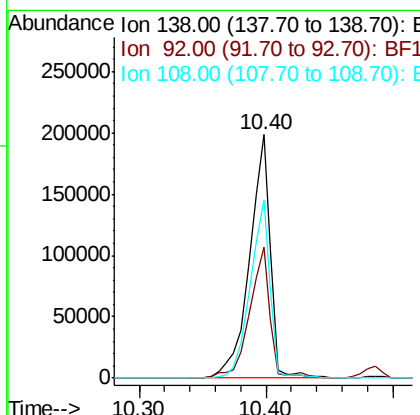
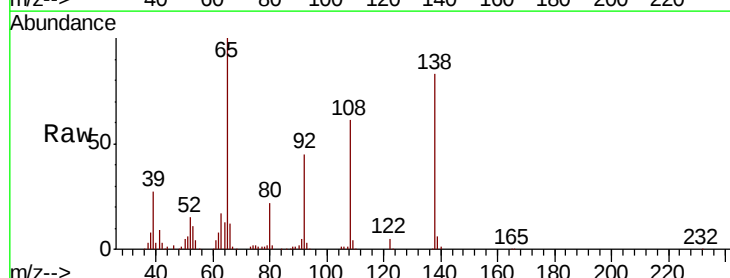
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

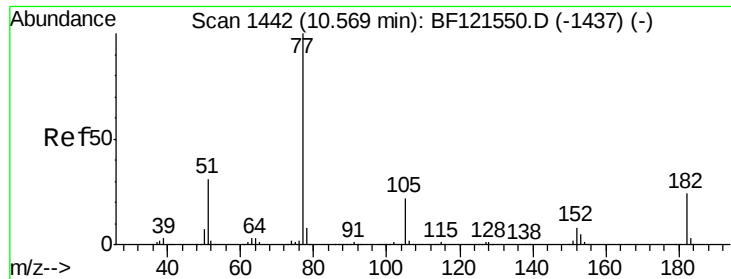
Tot Ion:204 Resp: 371648
Ion Ratio Lower Upper
204 100
206 32.4 25.9 38.9
141 64.2 51.4 77.0



#62
4-Nitroaniline
Concen: 42.490 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BF121723.D
Acq: 29 Sep 2020 10:42

Tgt Ion:138 Resp: 226680
Ion Ratio Lower Upper
138 100
92 53.6 33.6 73.6
108 73.5 53.5 93.5





#63

Azobenzene

Concen: 37.862 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BF121723.D

Acq: 29 Sep 2020 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 856158

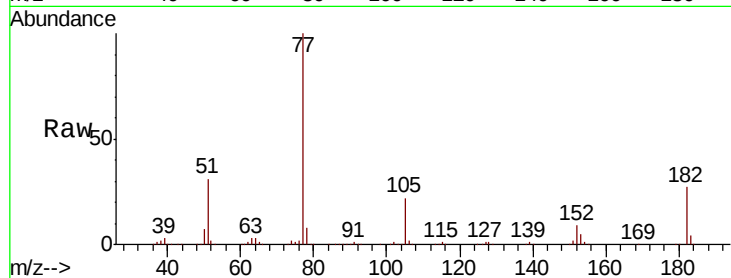
Ion Ratio Lower Upper

77 100

182 26.5 6.5 46.5

105 22.1 2.1 42.1

51 31.3 11.3 51.3

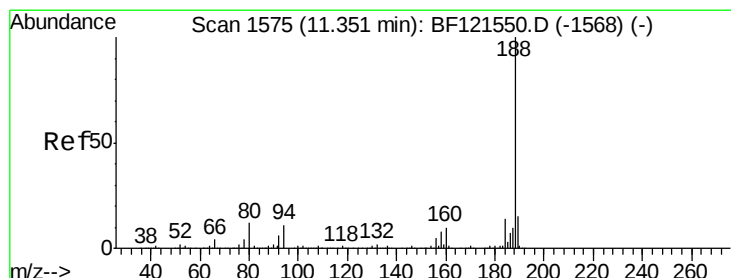
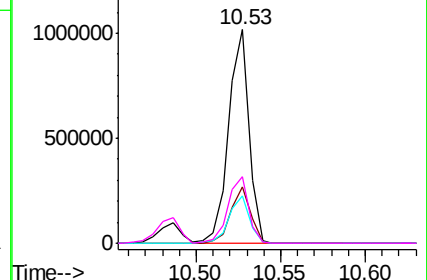
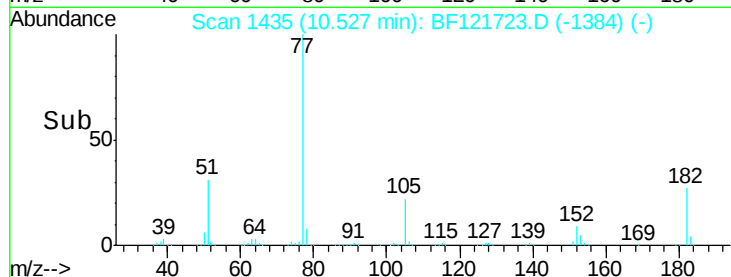


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.31 min Scan# 1568

Delta R.T. 0.00 min

Lab File: BF121723.D

Acq: 29 Sep 2020 10:42

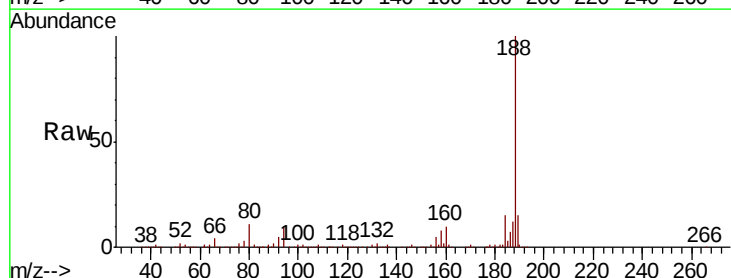
Tgt Ion: 188 Resp: 543342

Ion Ratio Lower Upper

188 100

94 10.2 8.2 12.2

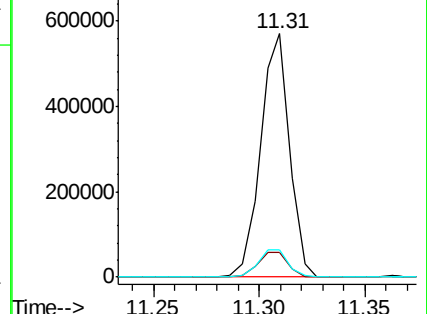
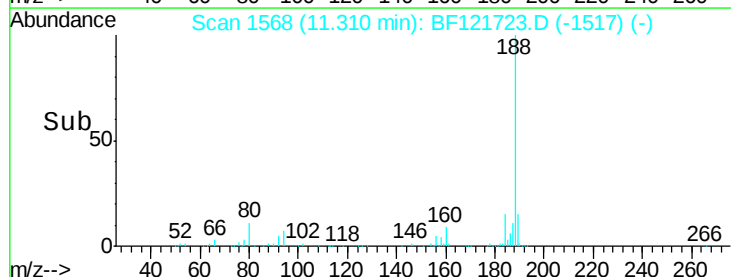
80 11.1 8.9 13.3

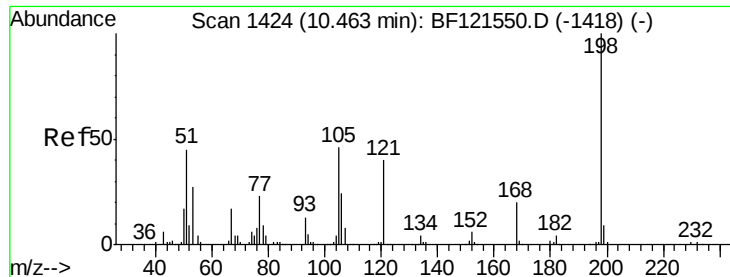


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

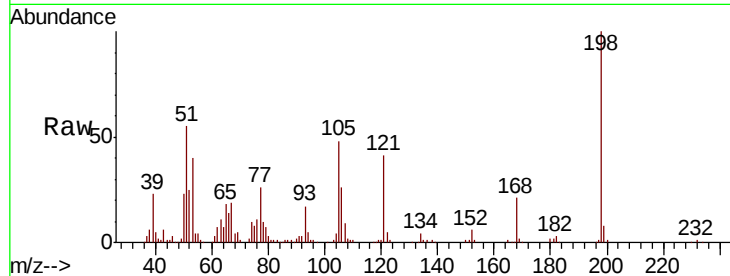




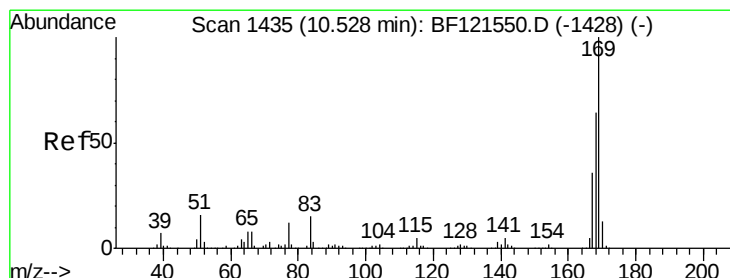
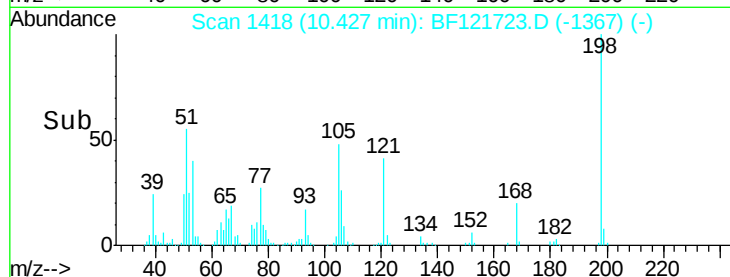
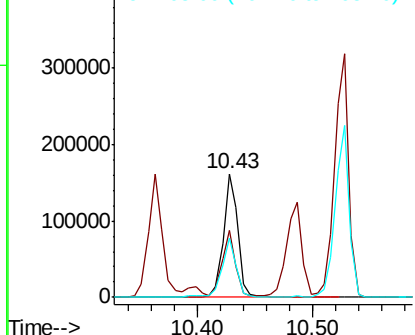
#65
 4,6-Dinitro-2-methylphenol
 Concen: 43.188 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. 0.00 min
 Lab File: BF121723.D
 Acq: 29 Sep 2020 10:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:198 Resp: 141323
 Ion Ratio Lower Upper
 198 100
 51 54.7 34.7 74.7
 105 47.8 27.8 67.8

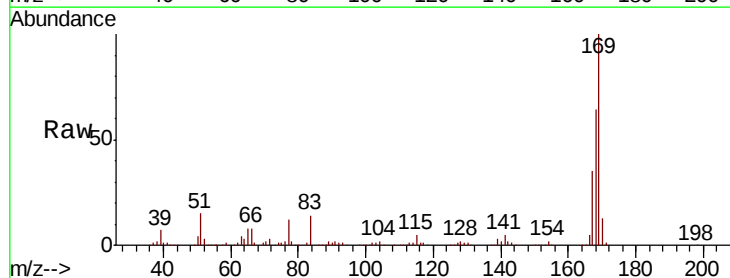


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

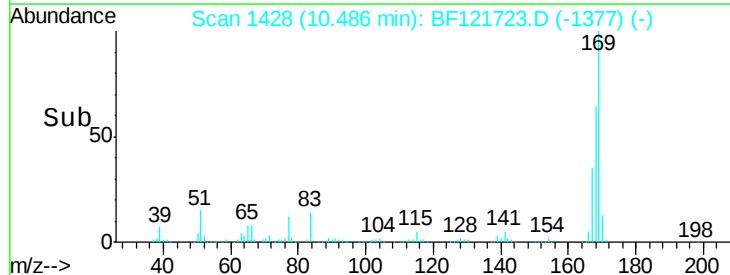
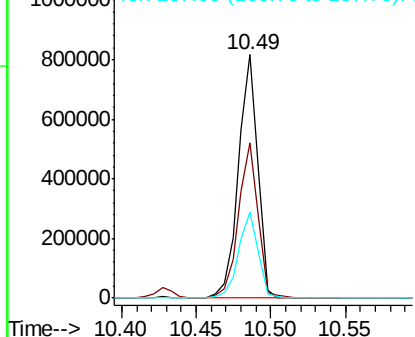


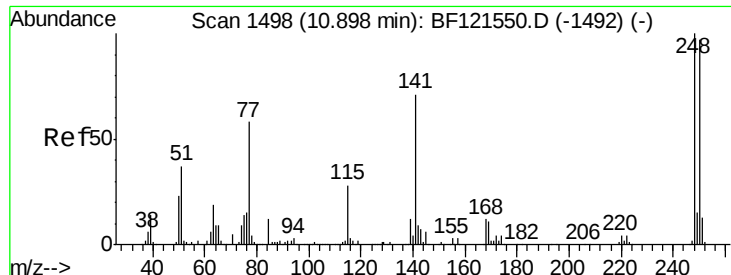
#66
 n-Nitrosodiphenylamine
 Concen: 39.670 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: BF121723.D
 Acq: 29 Sep 2020 10:42

Tgt Ion:169 Resp: 739479
 Ion Ratio Lower Upper
 169 100
 168 63.8 51.0 76.6
 167 35.5 28.4 42.6



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

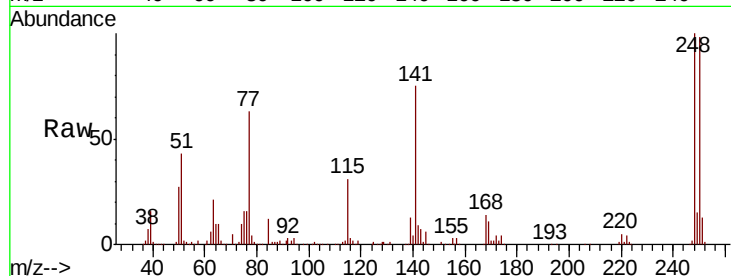




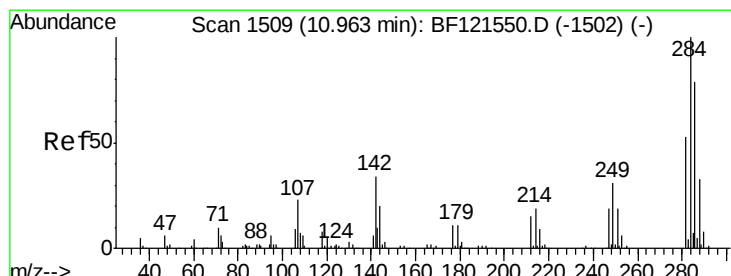
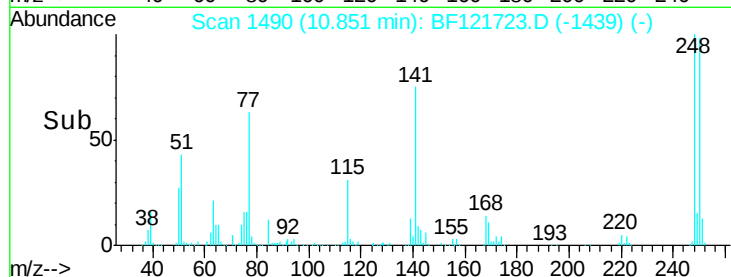
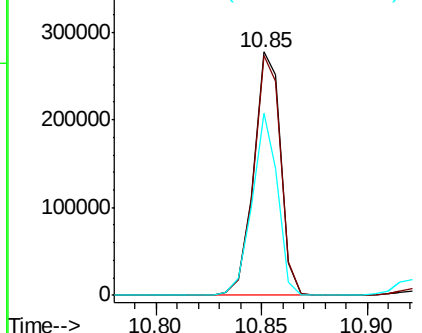
#67
 4-Bromophenyl-phenylether
 Concen: 39.884 ng
 RT: 10.85 min Scan# 1490
 Delta R.T. 0.00 min
 Lab File: BF121723.D
 Acq: 29 Sep 2020 10:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:248 Resp: 246730
 Ion Ratio Lower Upper
 248 100
 250 98.3 78.6 118.0
 141 75.0 60.0 90.0

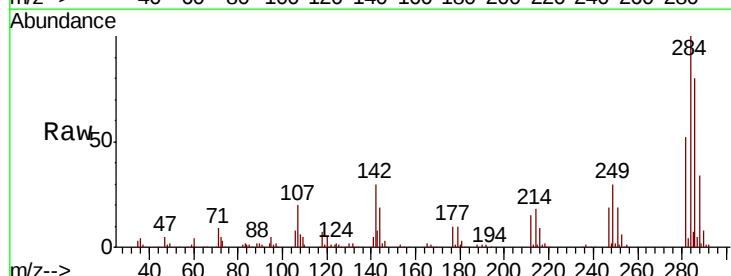


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

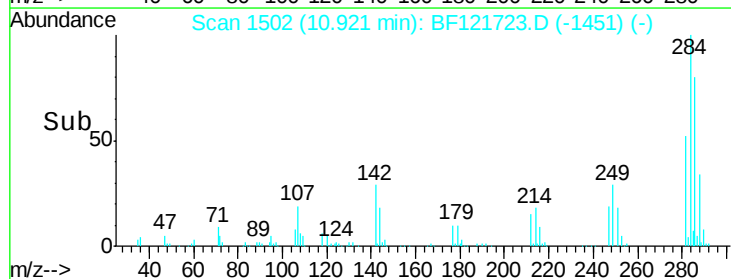
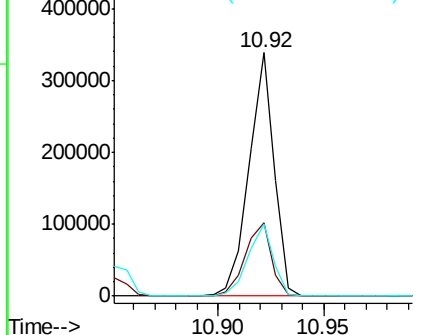


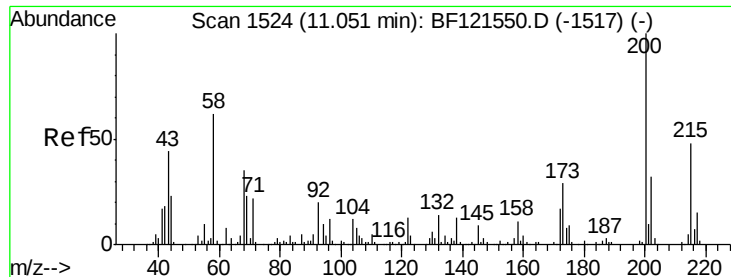
#68
 Hexachlorobenzene
 Concen: 40.060 ng
 RT: 10.92 min Scan# 1502
 Delta R.T. 0.00 min
 Lab File: BF121723.D
 Acq: 29 Sep 2020 10:42

Tgt Ion:284 Resp: 279667
 Ion Ratio Lower Upper
 284 100
 142 30.1 24.1 36.1
 249 29.8 23.8 35.8



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





#69

Atrazine

Concen: 39.408 ng

RT: 11.01 min Scan# 1517

Delta R.T. 0.00 min

Lab File: BF121723.D

Acq: 29 Sep 2020 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

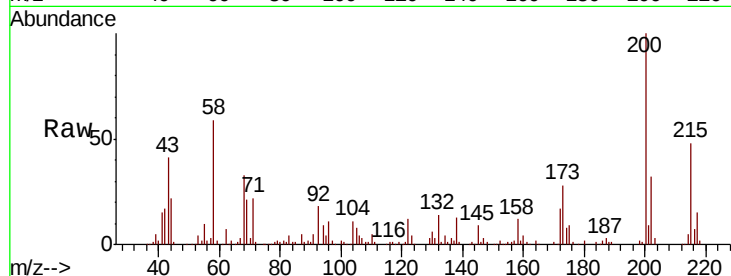
Tot Ion:200 Resp: 182504

Ion Ratio Lower Upper

200 100

173 27.9 7.9 47.9

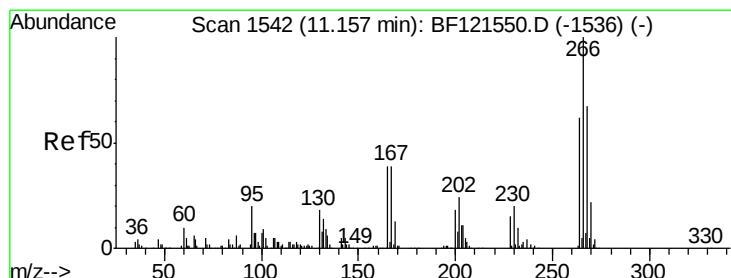
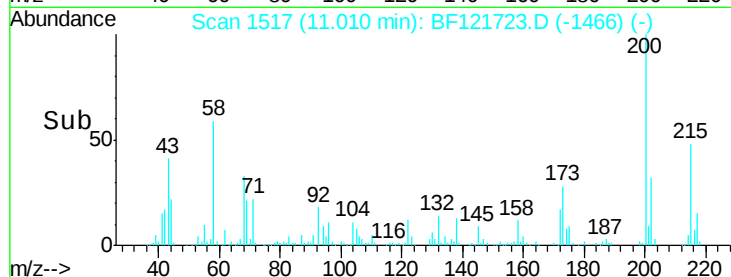
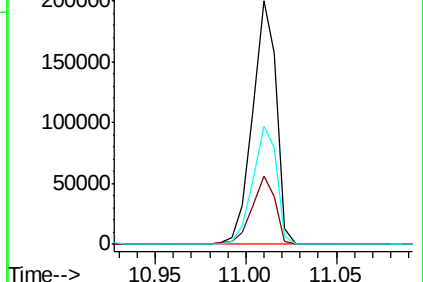
215 48.3 28.3 68.3



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: 37.054 ng

RT: 11.12 min Scan# 1535

Delta R.T. 0.00 min

Lab File: BF121723.D

Acq: 29 Sep 2020 10:42

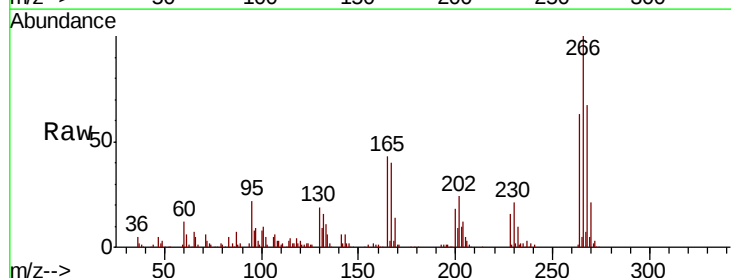
Tgt Ion:266 Resp: 142067

Ion Ratio Lower Upper

266 100

268 66.5 53.2 79.8

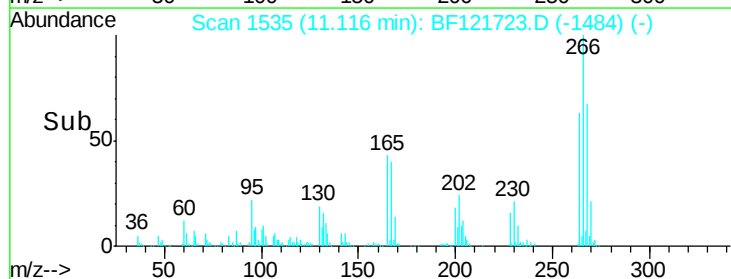
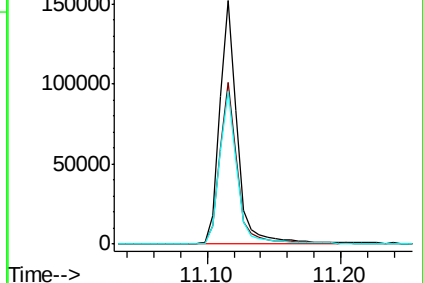
264 62.6 50.1 75.1

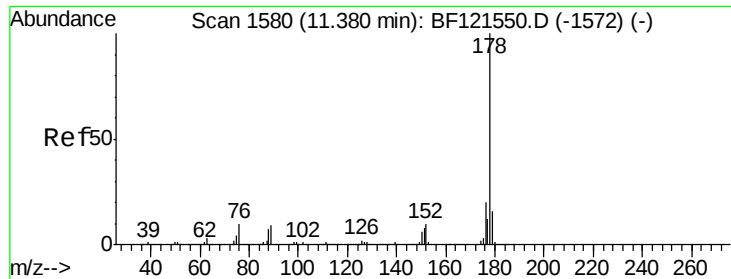


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

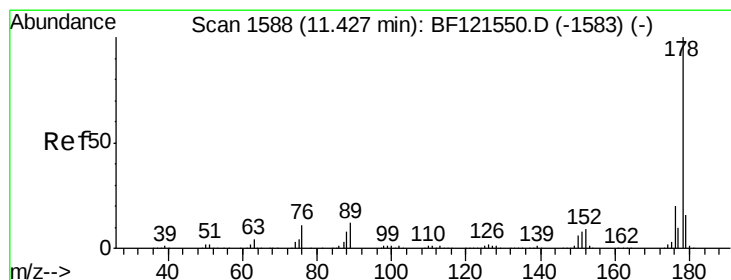
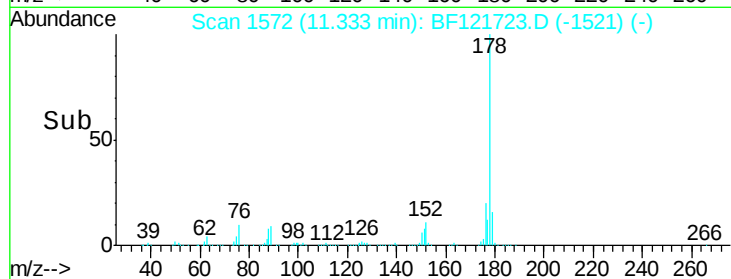
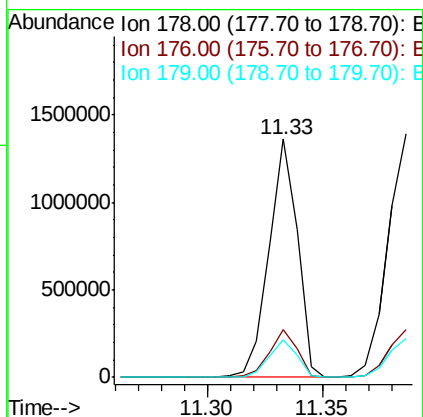
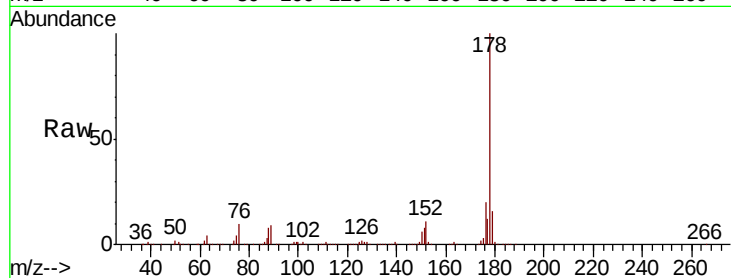




#71
Phenanthrene
Concen: 39.486 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF121723.D
Acq: 29 Sep 2020 10:42

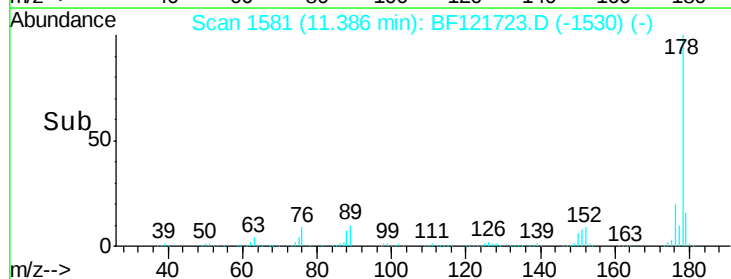
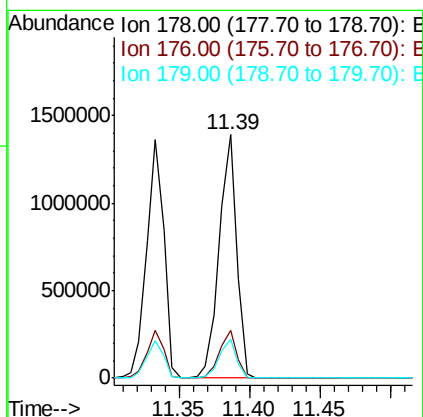
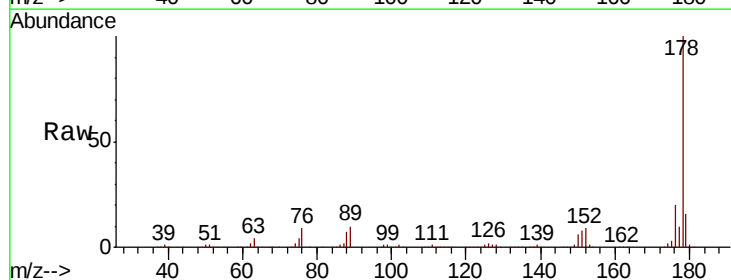
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

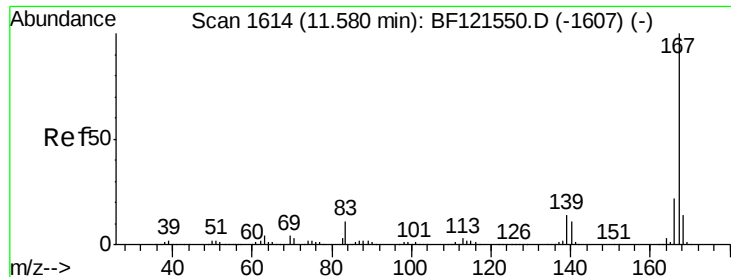
Tot Ion:178 Resp: 1168932
Ion Ratio Lower Upper
178 100
176 20.0 16.0 24.0
179 15.8 12.6 19.0



#72
Anthracene
Concen: 39.569 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.00 min
Lab File: BF121723.D
Acq: 29 Sep 2020 10:42

Tgt Ion:178 Resp: 1208815
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 15.8 12.6 19.0



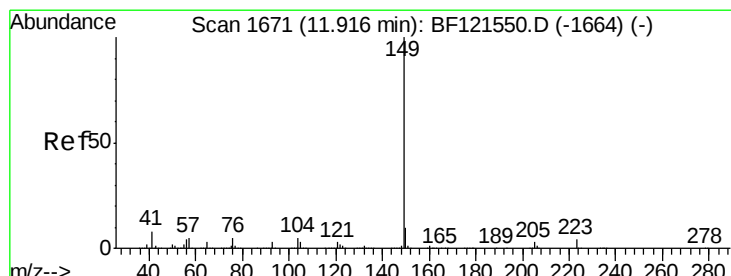
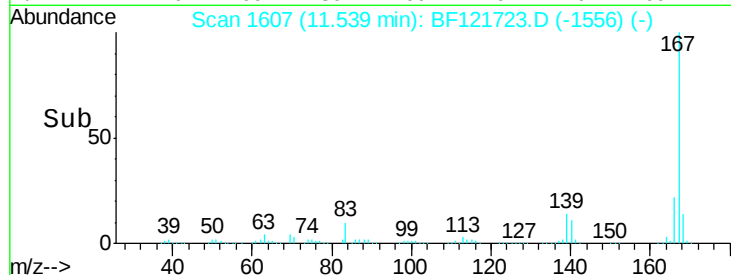
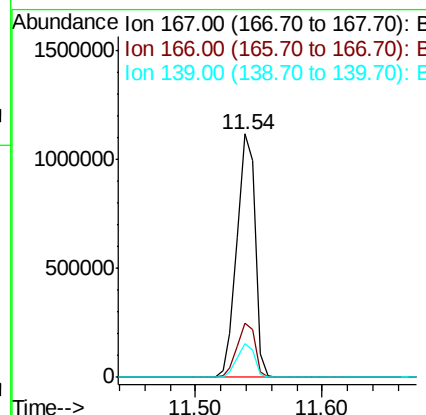
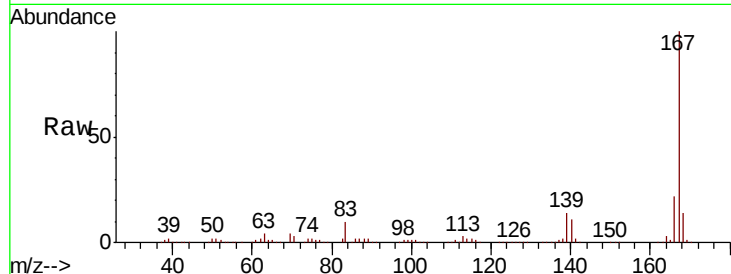


#73
 Carbazole
 Concen: 39.884 ng
 RT: 11.54 min Scan# 1607
 Delta R.T. 0.00 min
 Lab File: BF121723.D
 Acq: 29 Sep 2020 10:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:167 Resp: 1099537

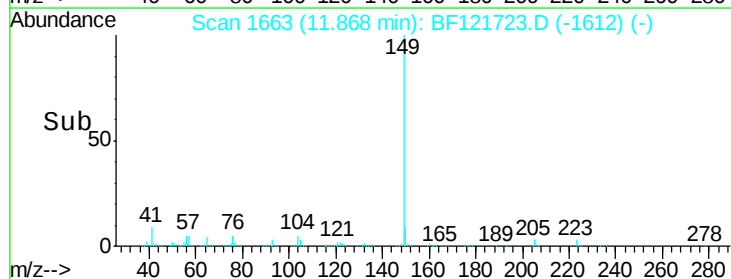
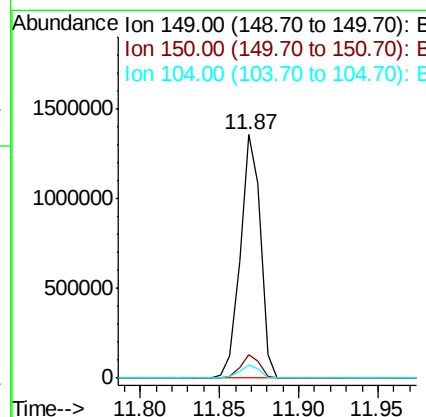
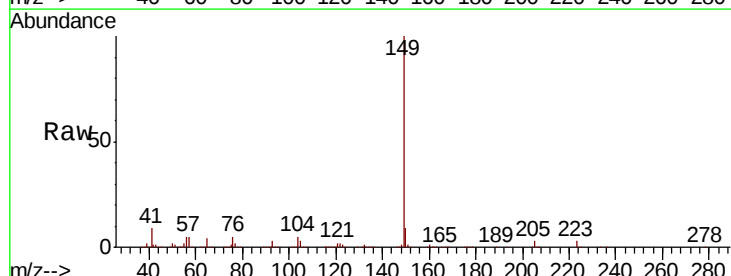
Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.7	26.5
139	13.6	10.9	16.3

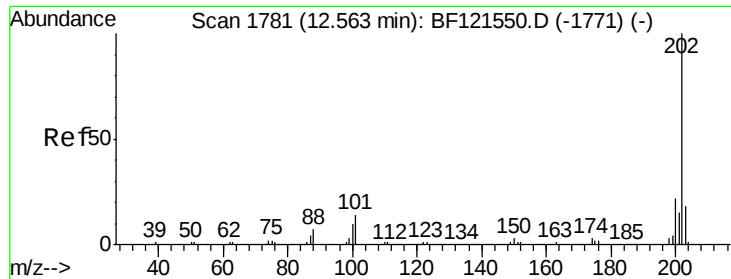


#74
 Di-n-butylphthalate
 Concen: 37.435 ng
 RT: 11.87 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: BF121723.D
 Acq: 29 Sep 2020 10:42

Tgt Ion:149 Resp: 1191103

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.6	11.4
104	5.3	4.2	6.4

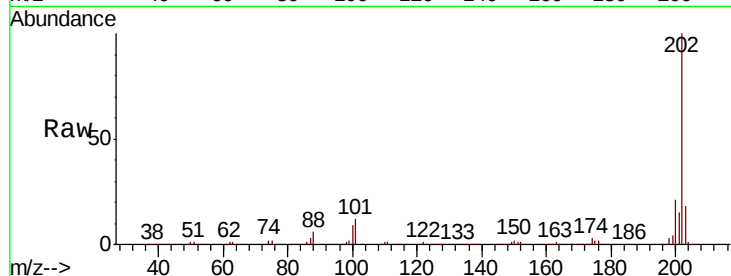




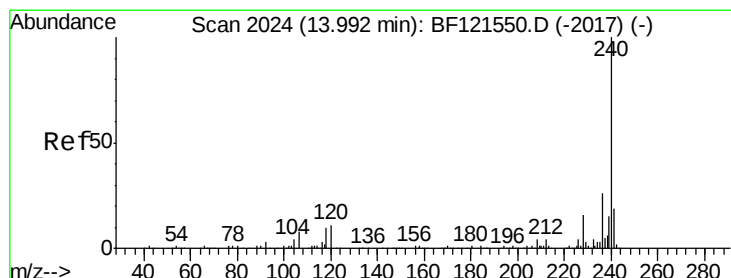
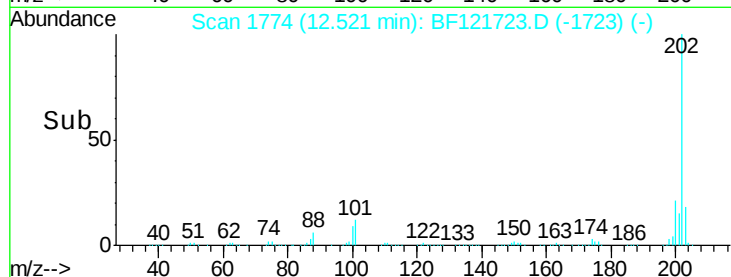
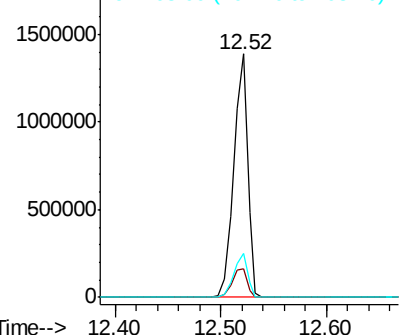
#75
Fluoranthene
Concen: 39.962 ng
RT: 12.52 min Scan# 1774
Delta R.T. 0.00 min
Lab File: BF121723.D
Acq: 29 Sep 2020 10:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:202 Resp: 1262854
Ion Ratio Lower Upper
202 100
101 12.0 0.0 32.0
203 18.0 0.0 38.0

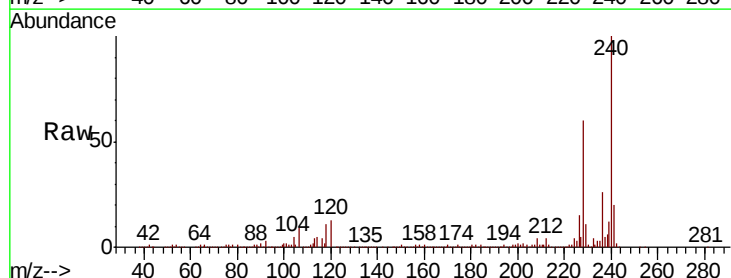


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

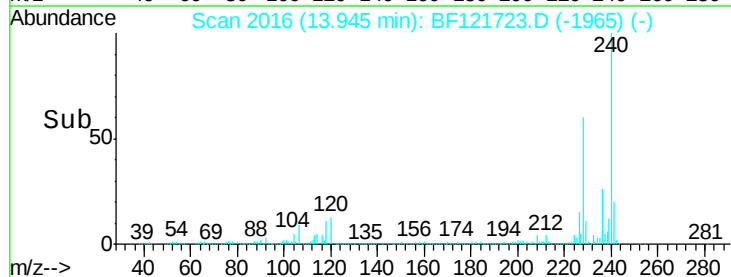
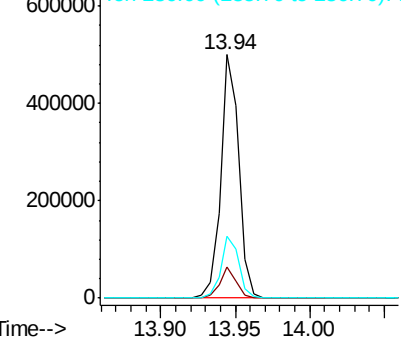


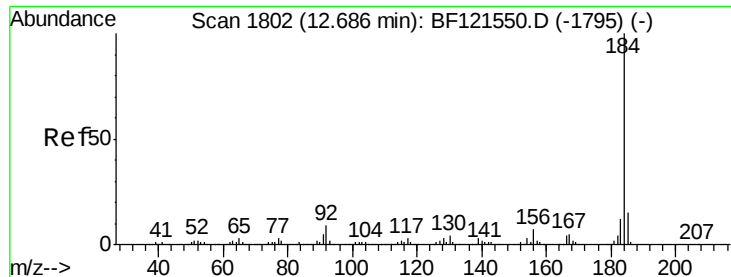
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BF121723.D
Acq: 29 Sep 2020 10:42

Tgt Ion:240 Resp: 423308
Ion Ratio Lower Upper
240 100
120 12.8 10.2 15.4
236 25.5 20.4 30.6



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 32.358 ng

RT: 12.64 min Scan# 1794

Delta R.T. 0.00 min

Lab File: BF121723.D

Acq: 29 Sep 2020 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

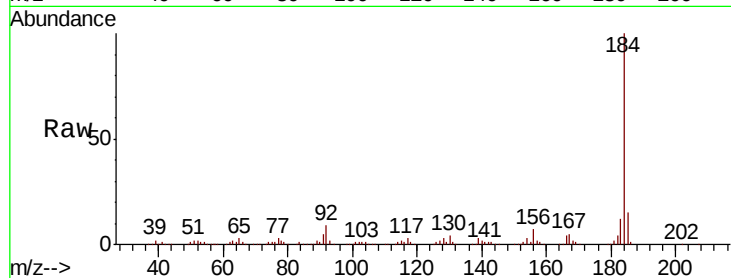
Tot Ion:184 Resp: 454090

Ion Ratio Lower Upper

184 100

185 14.7 11.8 17.6

183 11.6 9.3 13.9



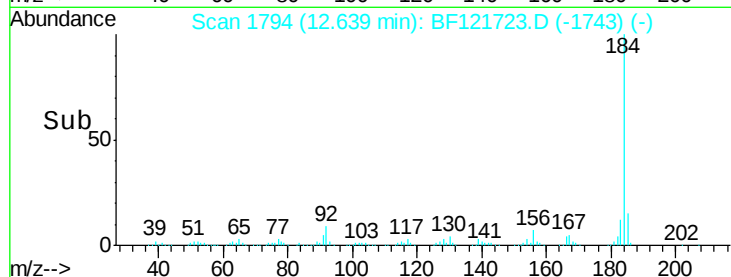
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

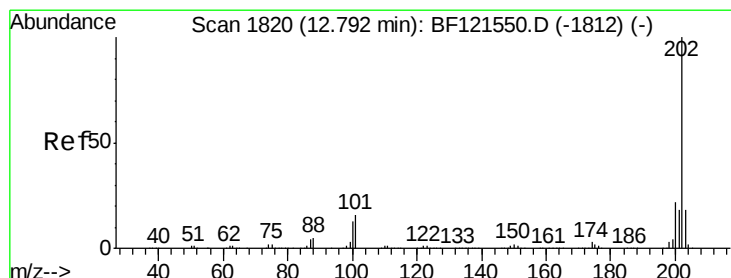
Ion 183.00 (182.70 to 183.70): E

12.64

Time-->



Time-->



#78

Pyrene

Concen: 41.111 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.00 min

Lab File: BF121723.D

Acq: 29 Sep 2020 10:42

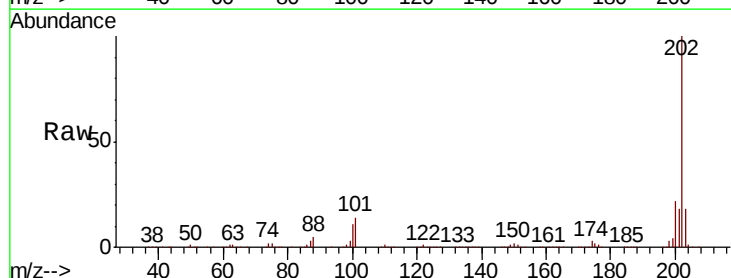
Tgt Ion:202 Resp: 1271492

Ion Ratio Lower Upper

202 100

200 21.8 17.4 26.2

203 18.1 14.5 21.7



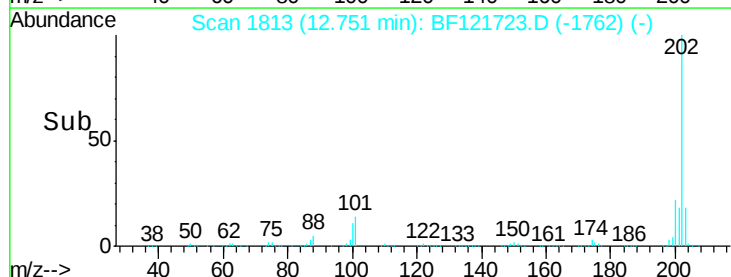
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

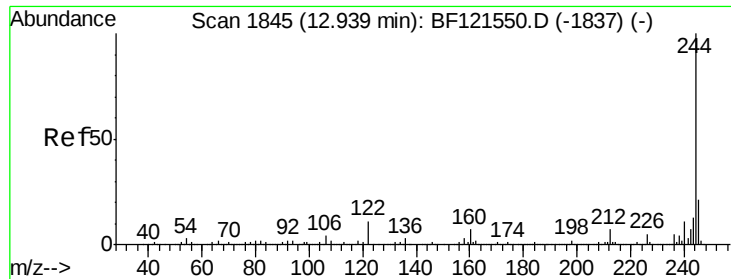
Ion 203.00 (202.70 to 203.70): E

12.75

Time-->



Time-->



#79

Terphenyl-d14

Concen: 80.095 ng

RT: 12.89 min Scan# 1837

Delta R.T. 0.00 min

Lab File: BF121723.D

Acq: 29 Sep 2020 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

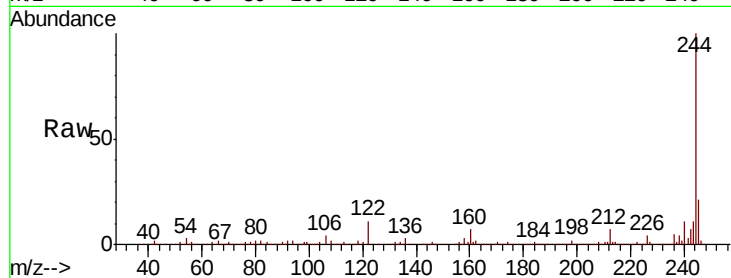
Tot Ion:244 Resp: 1673568

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

122 11.2 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.89

1500000

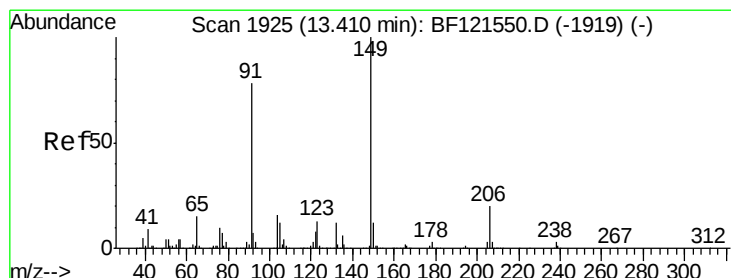
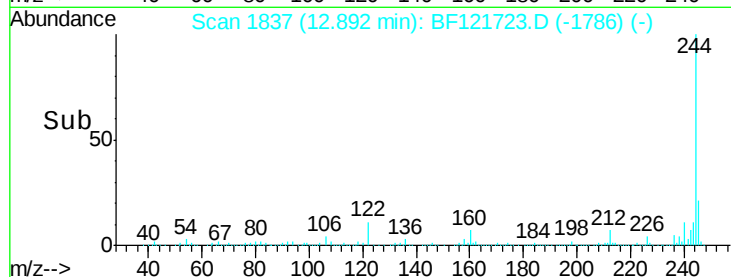
1000000

500000

0

Time-->

12.80 12.90 13.00



#80

Butylbenzylphthalate

Concen: 40.385 ng

RT: 13.37 min Scan# 1918

Delta R.T. 0.00 min

Lab File: BF121723.D

Acq: 29 Sep 2020 10:42

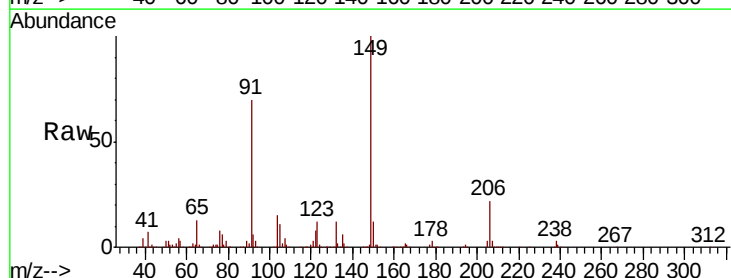
Tgt Ion:149 Resp: 505154

Ion Ratio Lower Upper

149 100

91 70.0 56.0 84.0

206 21.7 17.4 26.0



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

13.37

600000

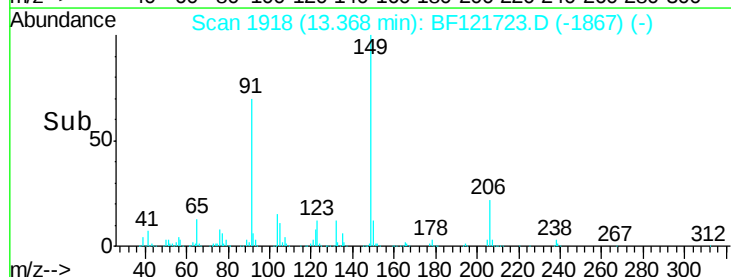
400000

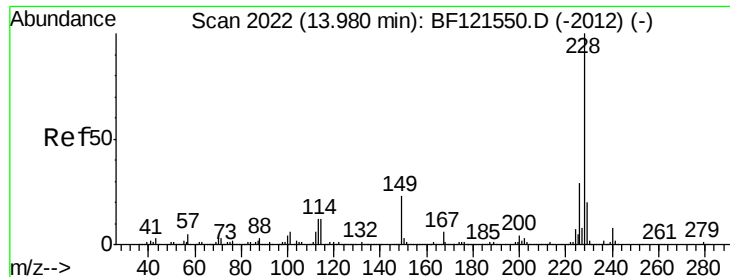
200000

0

Time-->

13.30 13.35 13.40

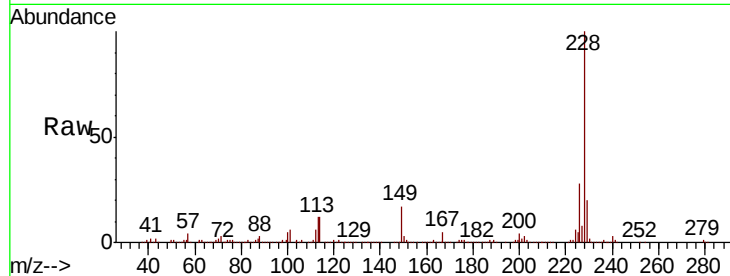




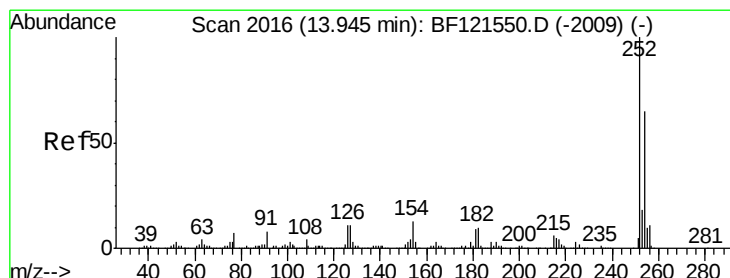
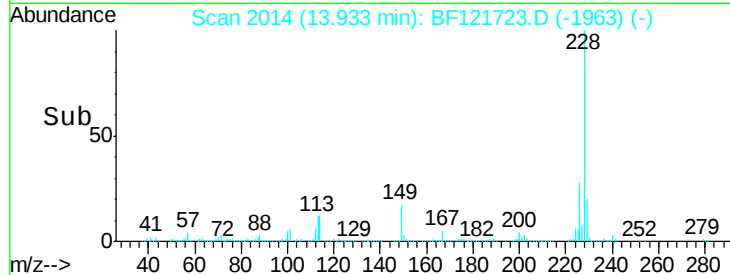
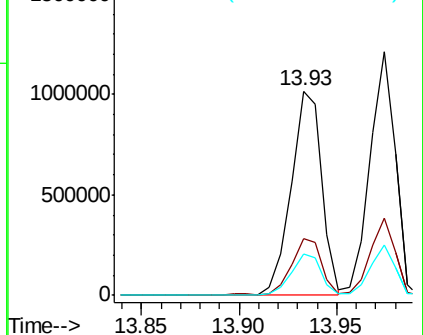
#81
Benzo(a)anthracene
Concen: 41.051 ng
RT: 13.93 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BF121723.D
Acq: 29 Sep 2020 10:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:228 Resp: 1099361
Ion Ratio Lower Upper
228 100
226 27.7 22.2 33.2
229 20.3 16.2 24.4

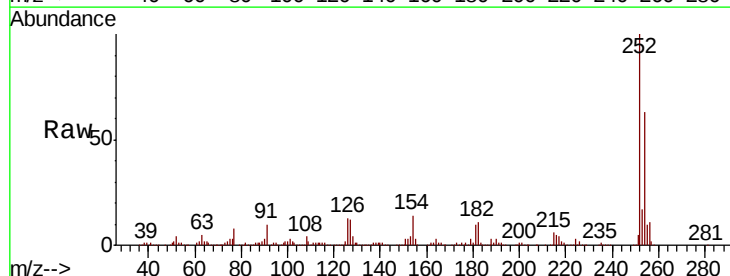


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

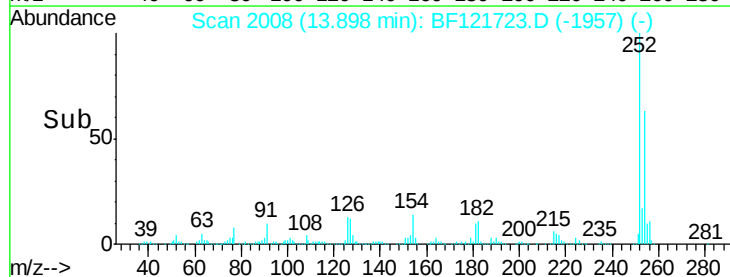
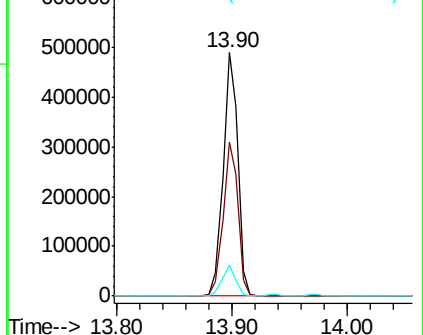


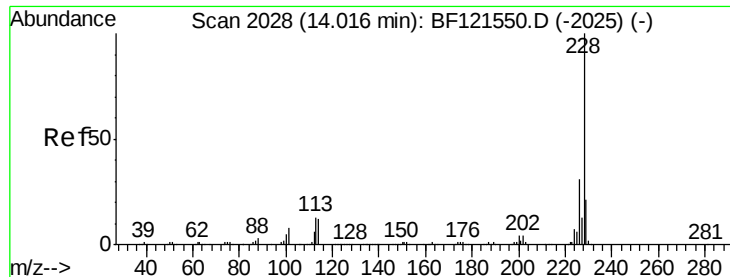
#82
3,3'-Dichlorobenzidine
Concen: 41.251 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BF121723.D
Acq: 29 Sep 2020 10:42

Tgt Ion:252 Resp: 431283
Ion Ratio Lower Upper
252 100
254 63.4 50.7 76.1
126 12.7 10.2 15.2



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

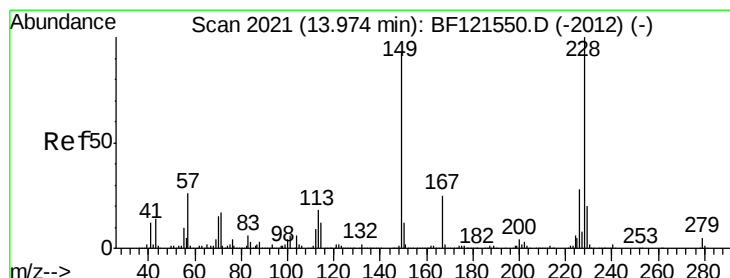
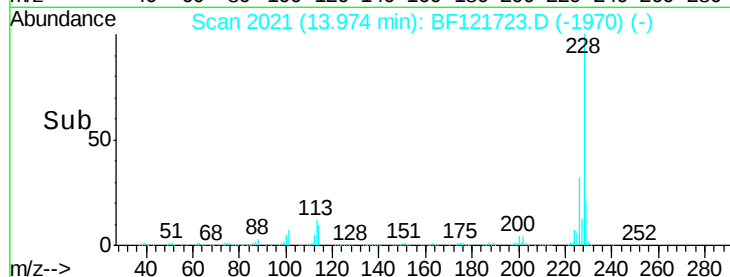
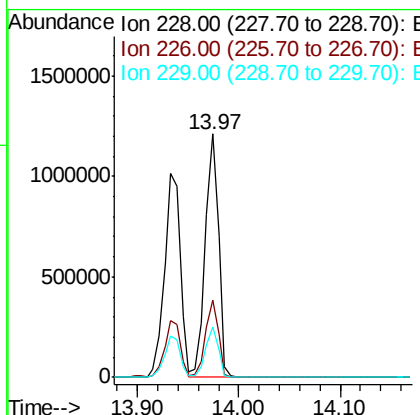
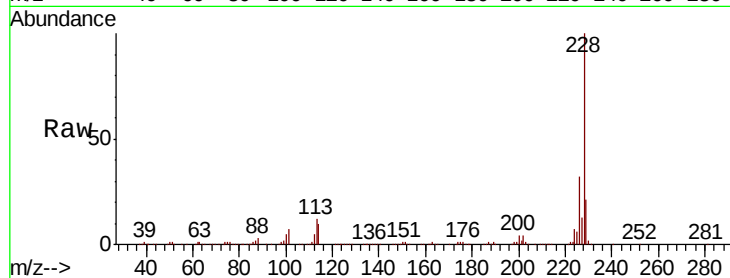




#83
 Chrysene
 Concen: 40.560 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: BF121723.D
 Acq: 29 Sep 2020 10:42

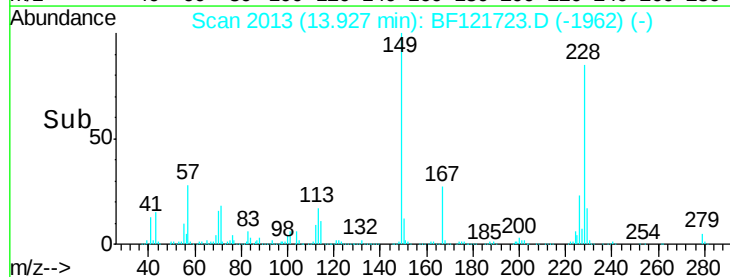
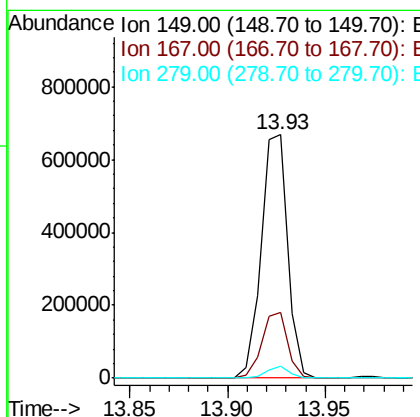
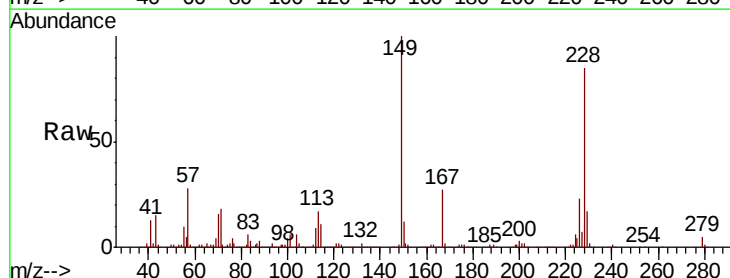
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

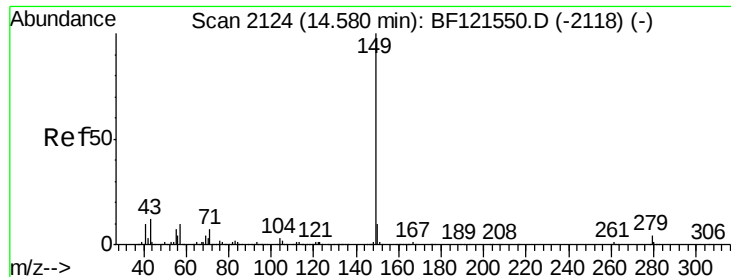
Tot Ion:228 Resp: 1099946
 Ion Ratio Lower Upper
 228 100
 226 31.7 25.4 38.0
 229 20.5 16.4 24.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.491 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. 0.00 min
 Lab File: BF121723.D
 Acq: 29 Sep 2020 10:42

Tgt Ion:149 Resp: 626484
 Ion Ratio Lower Upper
 149 100
 167 27.2 21.8 32.6
 279 4.9 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 36.800 ng

RT: 14.53 min Scan# 2116

Delta R.T. 0.00 min

Lab File: BF121723.D

Acq: 29 Sep 2020 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

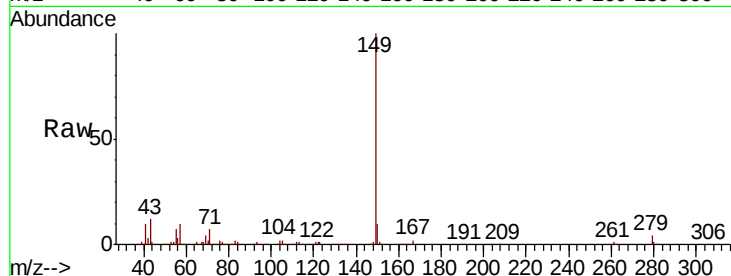
Tot Ion:149 Resp: 1085227

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

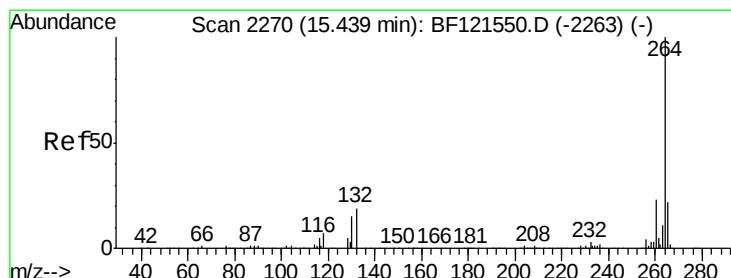
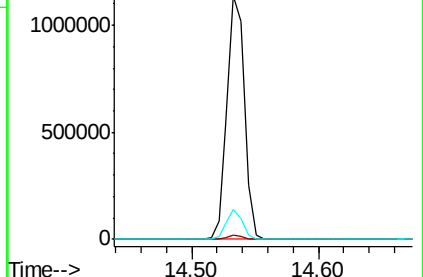
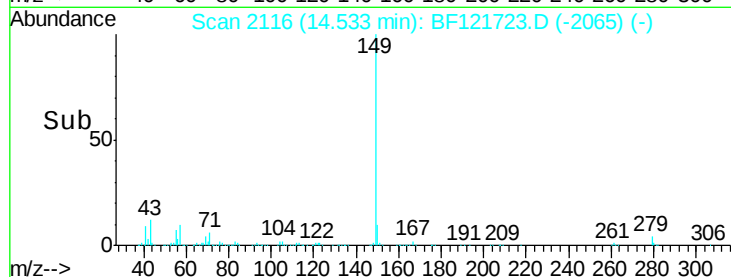
43 11.3 9.0 13.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2261

Delta R.T. 0.00 min

Lab File: BF121723.D

Acq: 29 Sep 2020 10:42

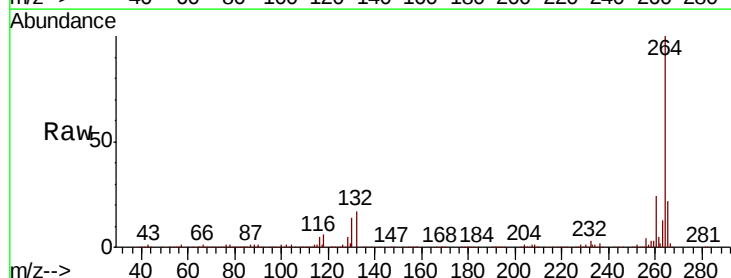
Tgt Ion:264 Resp: 388951

Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.6

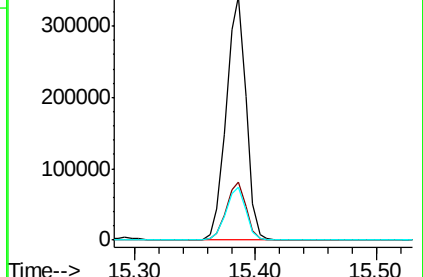
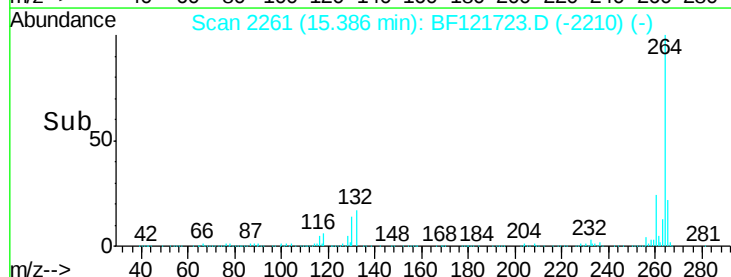
265 21.6 17.3 25.9

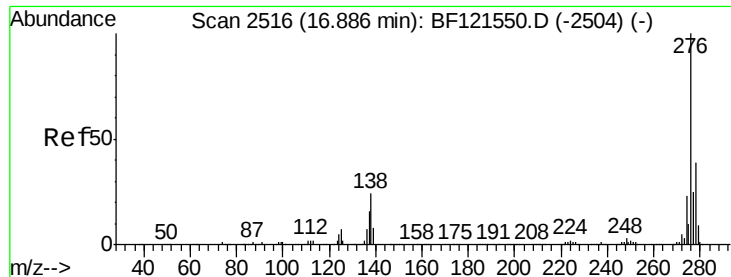


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

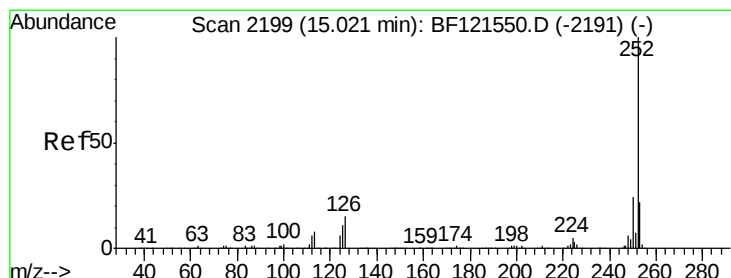
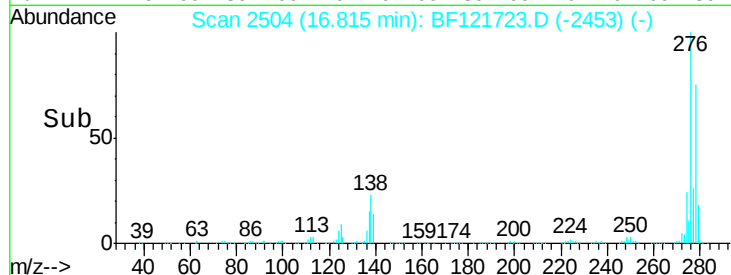
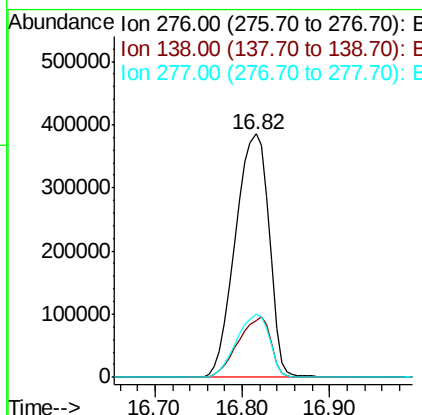
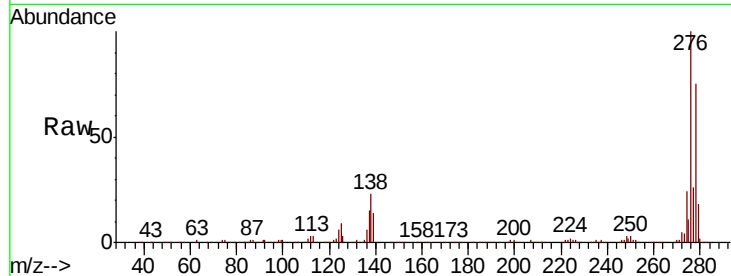




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.724 ng
 RT: 16.82 min Scan# 2504
 Delta R.T. 0.00 min
 Lab File: BF121723.D
 Acq: 29 Sep 2020 10:42

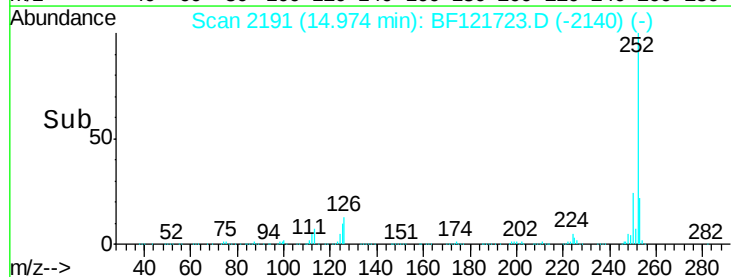
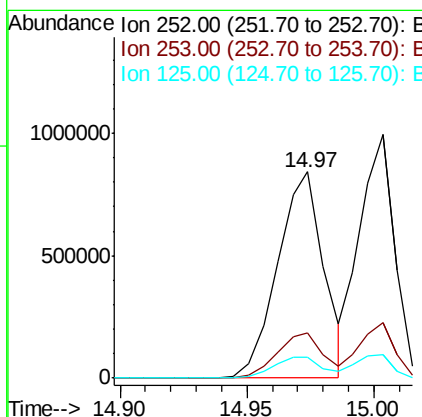
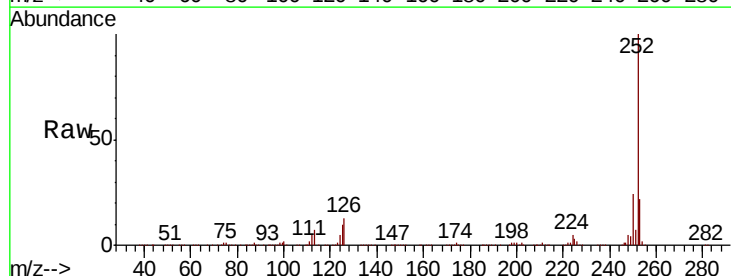
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

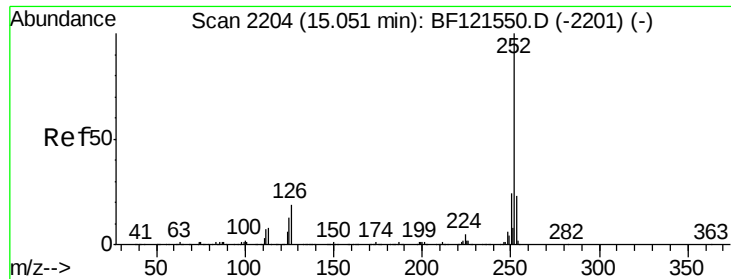
Tot Ion:276 Resp: 1006205
 Ion Ratio Lower Upper
 276 100
 138 24.2 19.4 29.0
 277 25.5 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 41.229 ng
 RT: 14.97 min Scan# 2191
 Delta R.T. 0.00 min
 Lab File: BF121723.D
 Acq: 29 Sep 2020 10:42

Tgt Ion:252 Resp: 1072025
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.4 26.2
 125 10.0 8.0 12.0

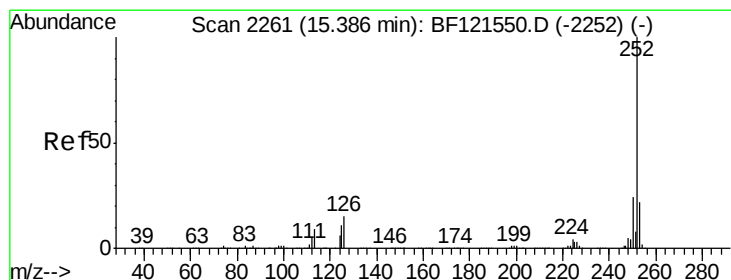
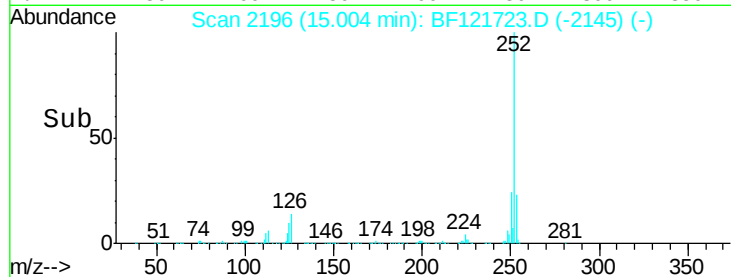
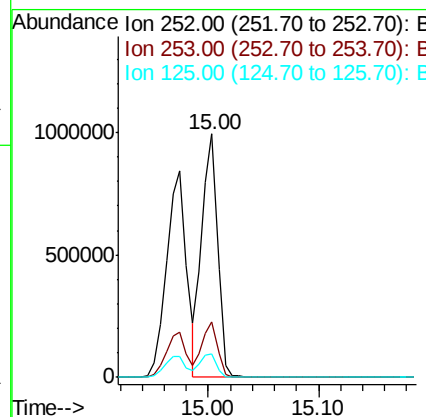
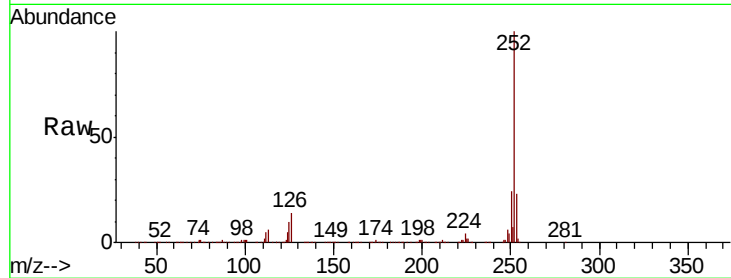




#89
Benzo(k)fluoranthene
Concen: 40.621 ng
RT: 15.00 min Scan# 2196
Delta R.T. 0.00 min
Lab File: BF121723.D
Acq: 29 Sep 2020 10:42

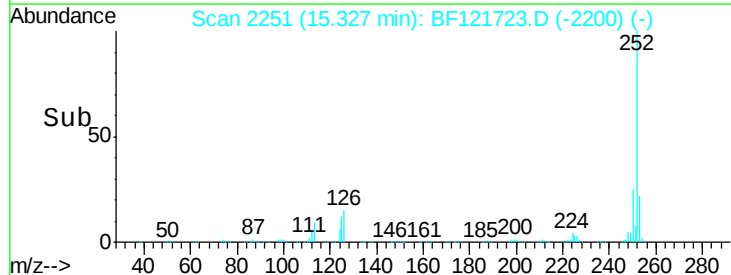
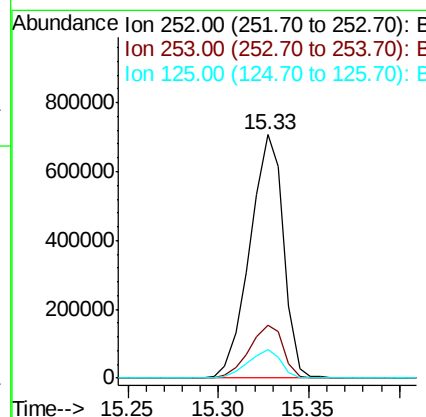
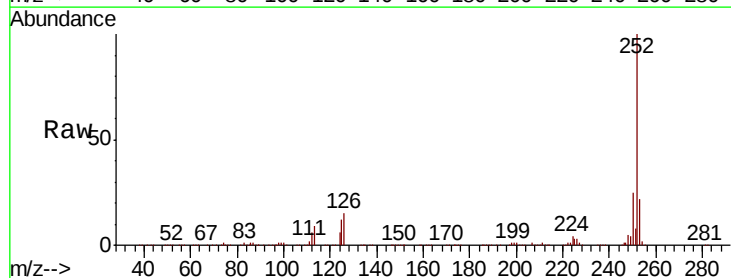
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

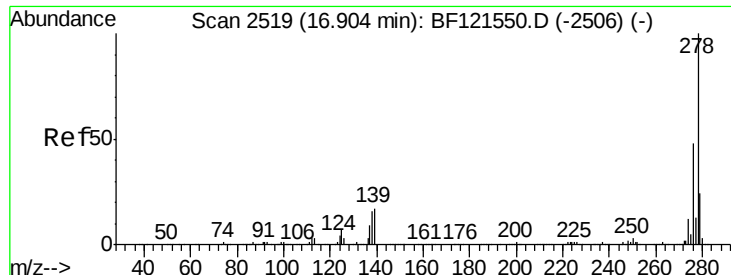
Tot Ion:252 Resp: 967214
Ion Ratio Lower Upper
252 100
253 22.6 18.1 27.1
125 9.7 7.8 11.6



#90
Benzo(a)pyrene
Concen: 41.145 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.00 min
Lab File: BF121723.D
Acq: 29 Sep 2020 10:42

Tgt Ion:252 Resp: 909410
Ion Ratio Lower Upper
252 100
253 21.6 17.3 25.9
125 11.5 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 38.713 ng

RT: 16.83 min Scan# 2506

Delta R.T. 0.00 min

Lab File: BF121723.D

Acq: 29 Sep 2020 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

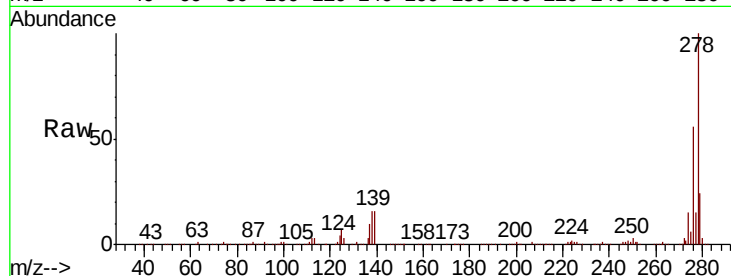
Tot Ion:278 Resp: 816269

Ion Ratio Lower Upper

278 100

139 15.6 12.5 18.7

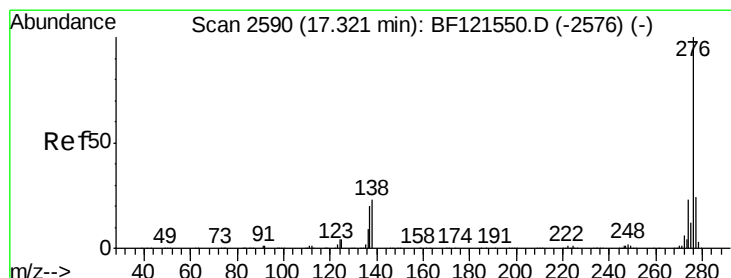
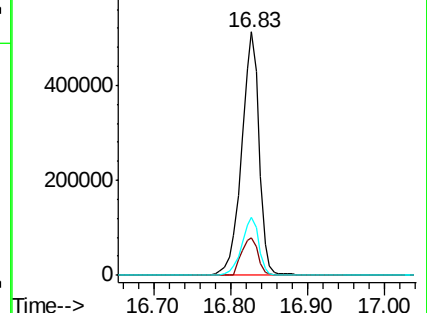
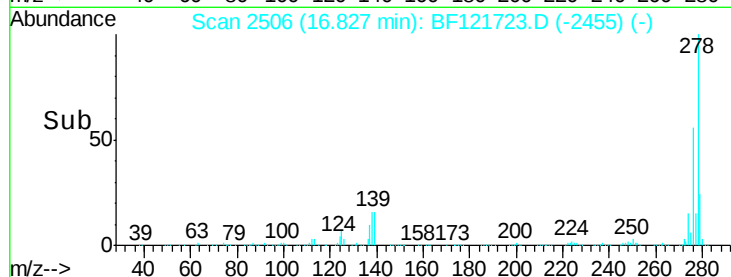
279 24.0 19.2 28.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 40.629 ng

RT: 17.24 min Scan# 2577

Delta R.T. 0.00 min

Lab File: BF121723.D

Acq: 29 Sep 2020 10:42

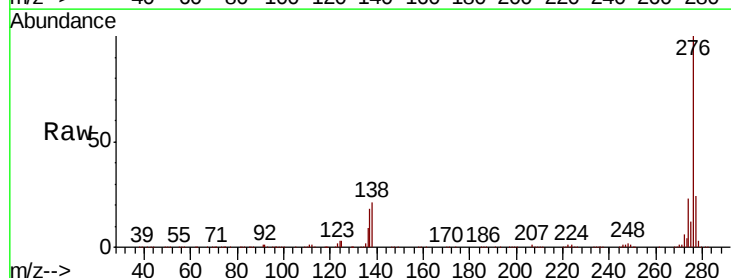
Tgt Ion:276 Resp: 842090

Ion Ratio Lower Upper

276 100

277 24.0 19.2 28.8

138 20.9 16.7 25.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

