

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF051820\
 Data File : BF120340.D
 Acq On : 18 May 2020 14:35
 Operator : MA/SJ
 Sample : PB128931BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128931BL

Quant Time: May 18 15:28:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 18 15:23:07 2020
 Response via : Initial Calibration

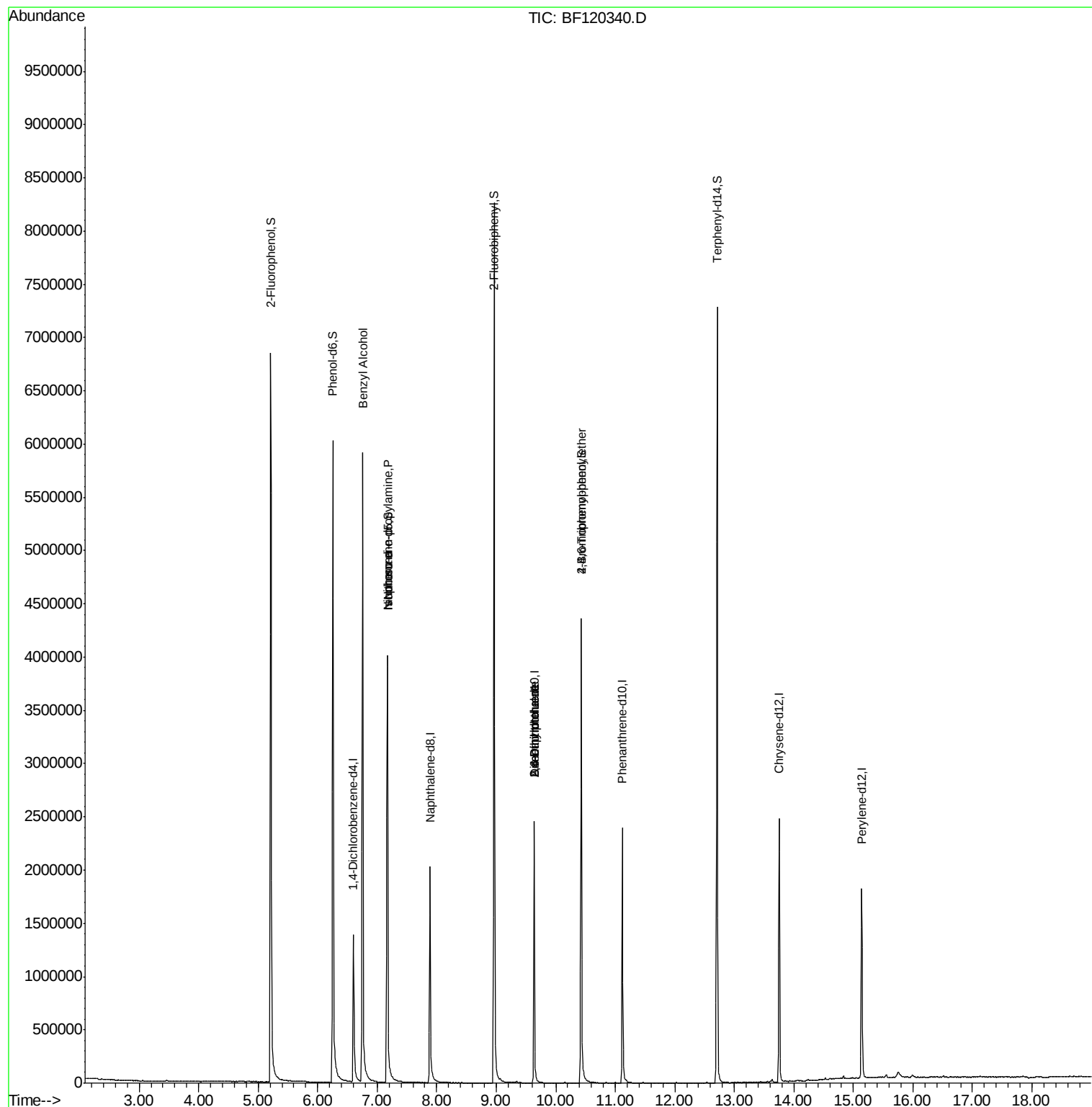
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	303792	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	1214306	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	596235	20.00	ng	0.00
64) Phenanthrene-d10	11.12	188	1141202	20.00	ng	0.00
76) Chrysene-d12	13.75	240	963291	20.00	ng	-0.01
87) Perylene-d12	15.14	264	811499	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	2215233	141.88	ng	0.00
7) Phenol-d6	6.26	99	2923542	148.07	ng	0.00
23) Nitrobenzene-d5	7.17	82	1815444	102.36	ng	0.00
42) 2,4,6-Tribromophenol	10.43	330	706752	145.38	ng	0.00
45) 2-Fluorobiphenyl	8.97	172	3196953	110.16	ng	0.00
79) Terphenyl-d14	12.72	244	3351598	76.87	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.76	79	29005	2.068	ng	# 44
19) n-Nitroso-di-n-propylamine	7.17	70	228442	17.660	ng	# 80
25) Isophorone	7.17	82	1767534	47.897	ng	# 65
50) Dimethylphthalate	9.64	163	125836	3.339	ng	# 1
51) 2,6-Dinitrotoluene	9.64	165	74790	8.891	ng	# 23
57) 2,4-Dinitrotoluene	9.64	165	75109	7.611	ng	# 16
67) 4-Bromophenyl-phenylether	10.43	248	43530	3.931	ng	# 1

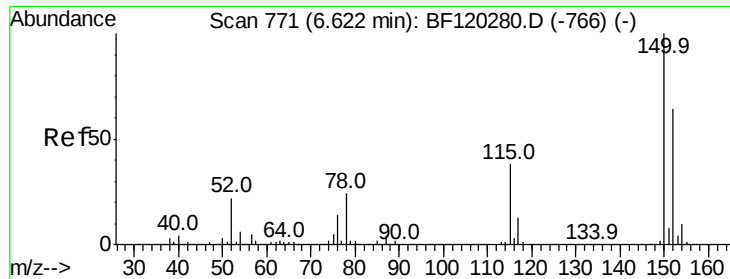
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



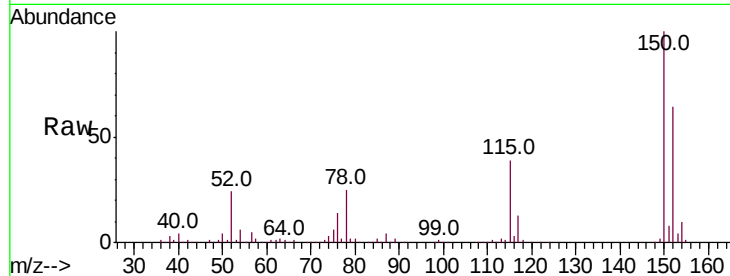


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.60 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: BF120340.D
 Acq: 18 May 2020 14:35

Instrument :
 BNA_F
 ClientSampleId :
 PB128931BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	126.2	189.2
115	60.5	47.9	71.9

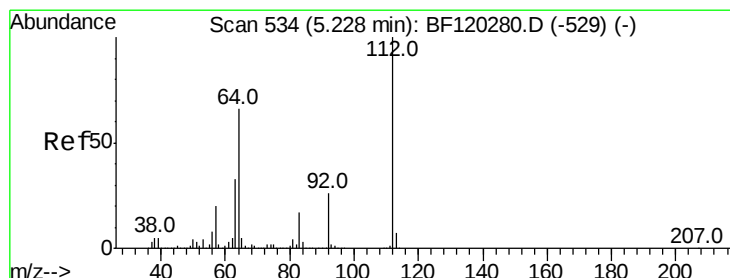
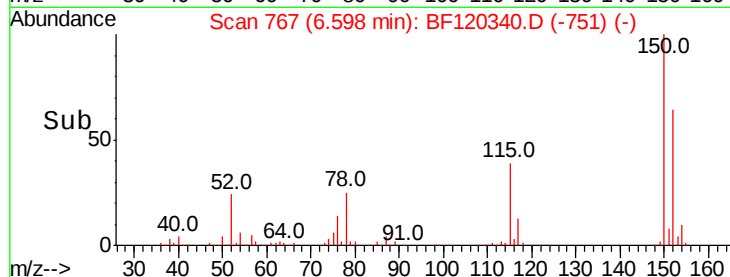
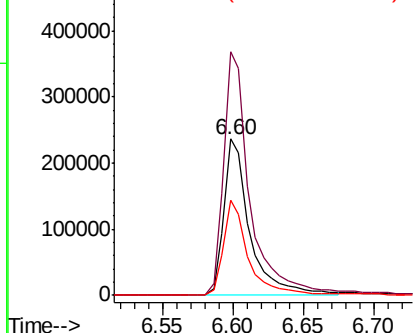


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

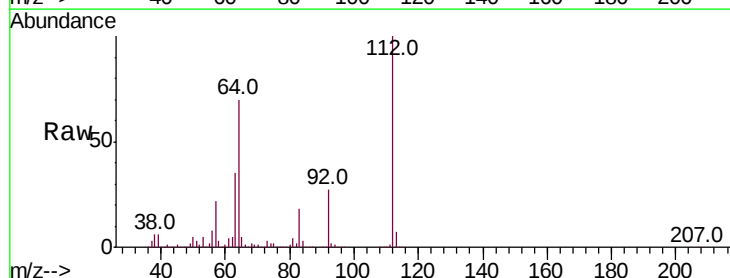
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 141.880 ng
 RT: 5.21 min Scan# 531
 Delta R.T. -0.00 min
 Lab File: BF120340.D
 Acq: 18 May 2020 14:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.5	52.7	79.1
63	35.4	26.2	39.4

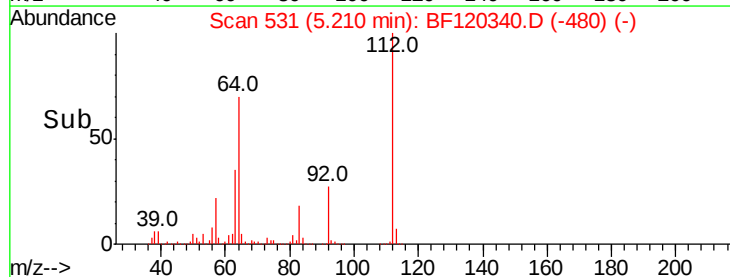
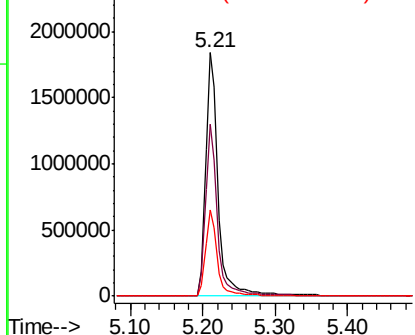


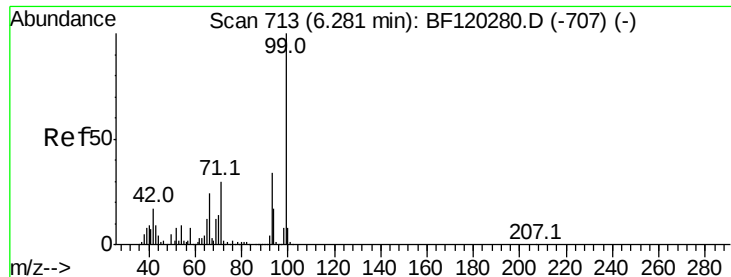
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 148.067 ng

RT: 6.26 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF120340.D

Acq: 18 May 2020 14:35

Instrument :

BNA_F

ClientSampleId :

PB128931BL

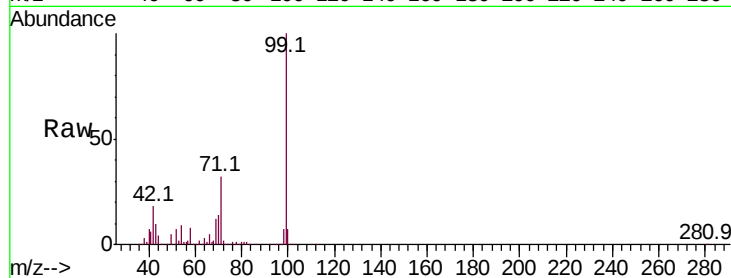
Tot Ion: 99 Resp: 2923542

Ion Ratio Lower Upper

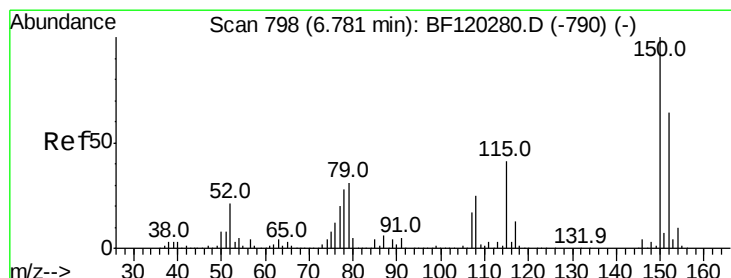
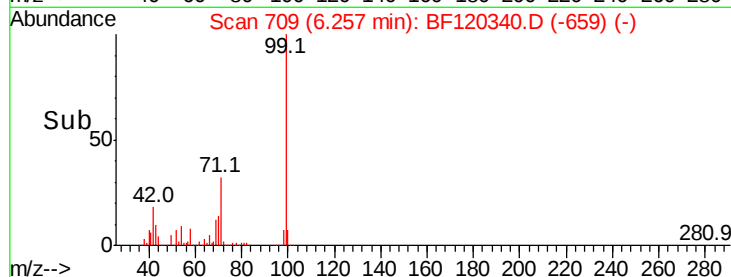
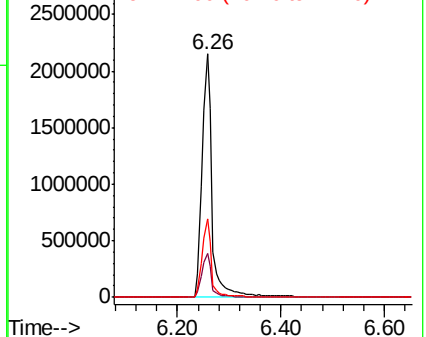
99 100

42 18.0 13.6 20.4

71 32.1 24.2 36.4



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



#15

Benzyl Alcohol

Concen: 2.068 ng

RT: 6.76 min Scan# 794

Delta R.T. -0.00 min

Lab File: BF120340.D

Acq: 18 May 2020 14:35

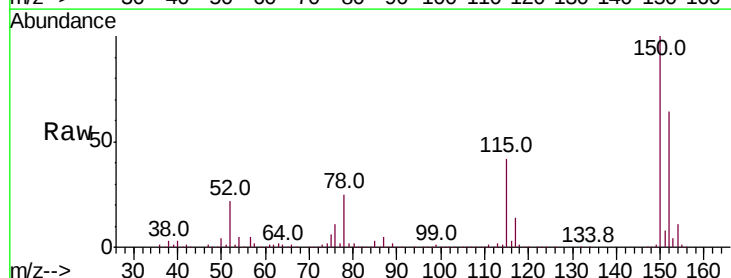
Tgt Ion: 79 Resp: 29005

Ion Ratio Lower Upper

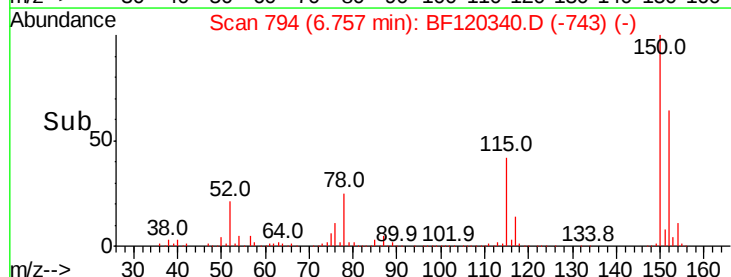
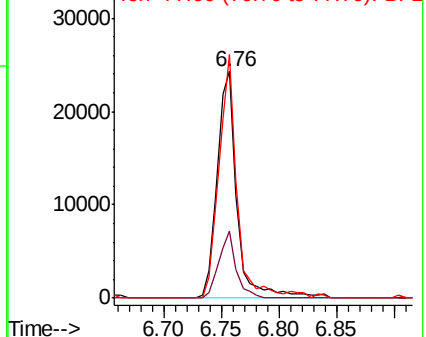
79 100

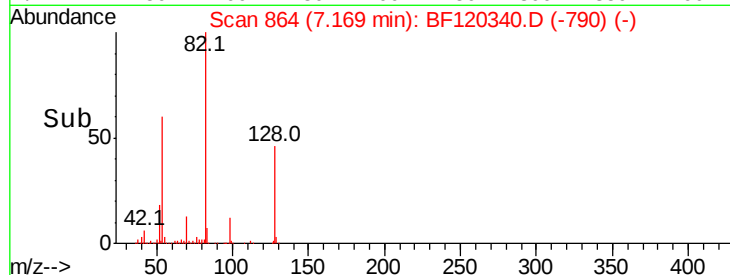
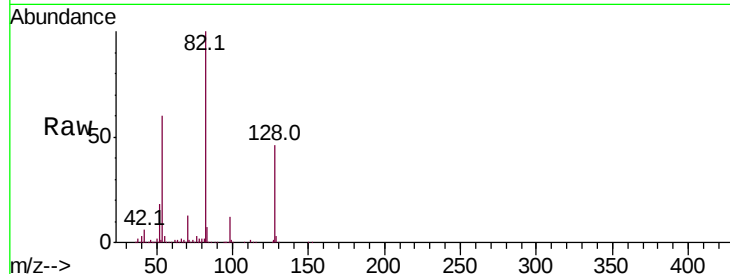
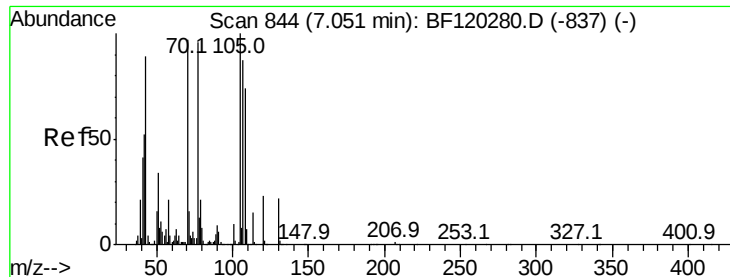
108 29.3 64.2 96.4#

77 107.4 51.6 77.4#



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

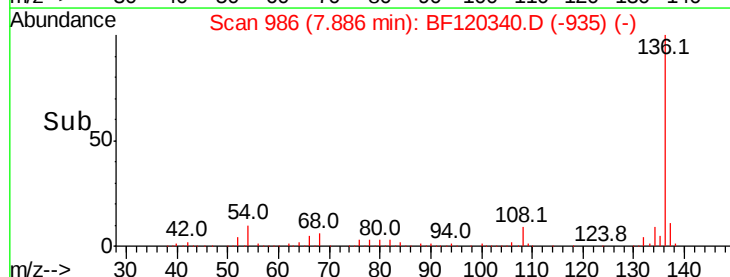
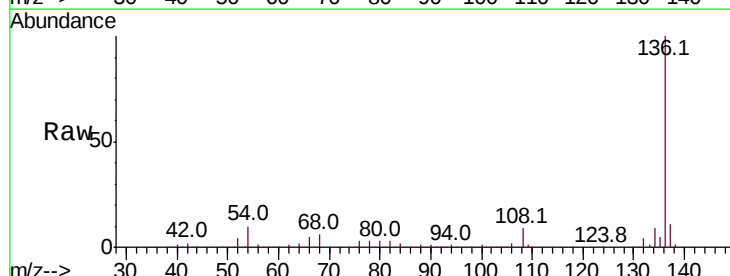
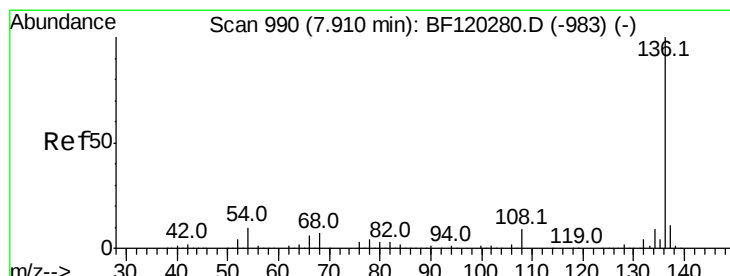
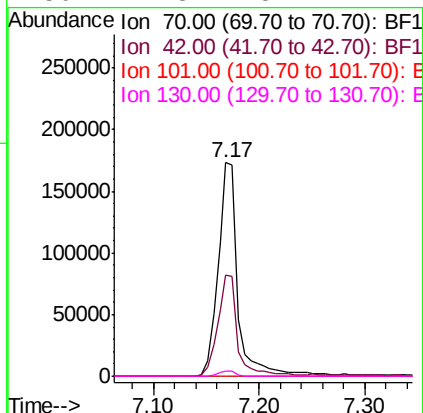




#19
n-Nitroso-di-n-propylamine
Concen: 17.660 ng
RT: 7.17 min Scan# 864
Delta R.T. 0.14 min
Lab File: BF120340.D
Acq: 18 May 2020 14:35

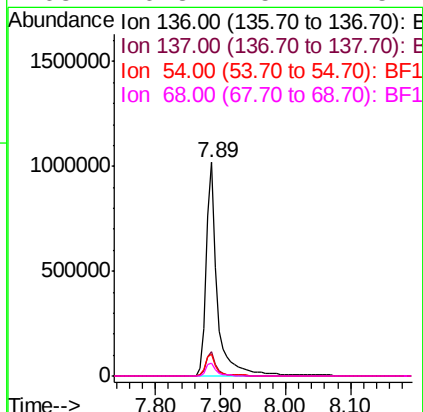
Instrument :
BNA_F
ClientSampleId :
PB128931BL

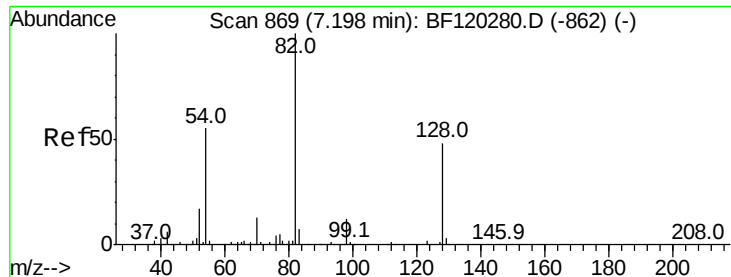
Tot Ion: 70 Resp: 228442
Ion Ratio Lower Upper
70 100
42 47.2 43.4 65.0
101 0.0 7.8 11.8#
130 2.3 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.00 min
Lab File: BF120340.D
Acq: 18 May 2020 14:35

Tgt Ion: 136 Resp: 1214306
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 9.9 7.9 11.9
68 6.3 5.4 8.2

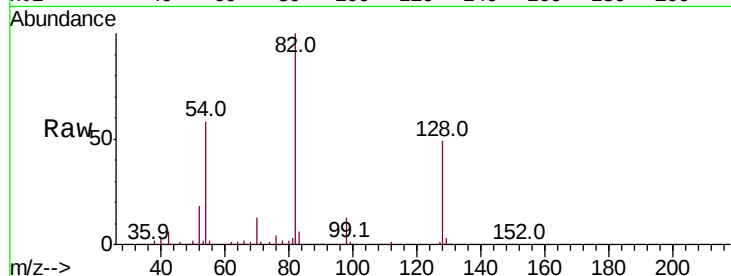




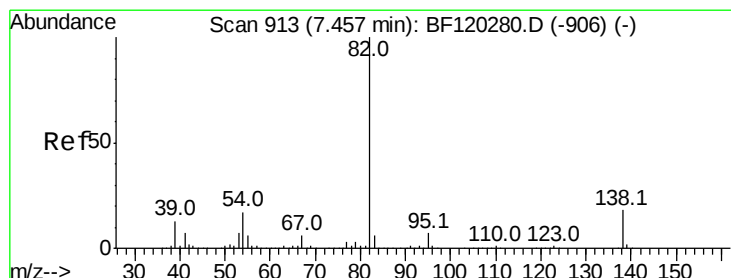
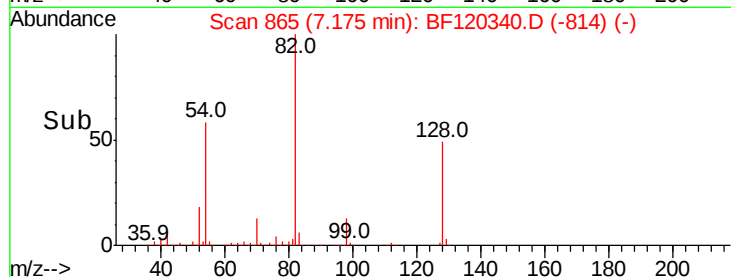
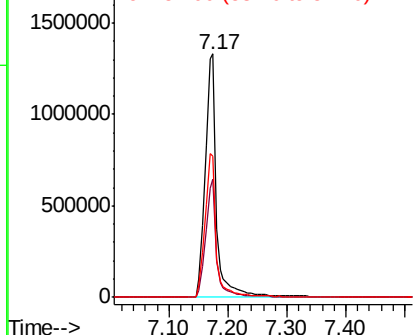
#23
Nitrobenzene-d5
Concen: 102.361 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.00 min
Lab File: BF120340.D
Acq: 18 May 2020 14:35

Instrument :
BNA_F
ClientSampleId :
PB128931BL

Tot Ion: 82 Resp: 1815444
Ion Ratio Lower Upper
82 100
128 48.8 38.3 57.5
54 58.0 43.9 65.9

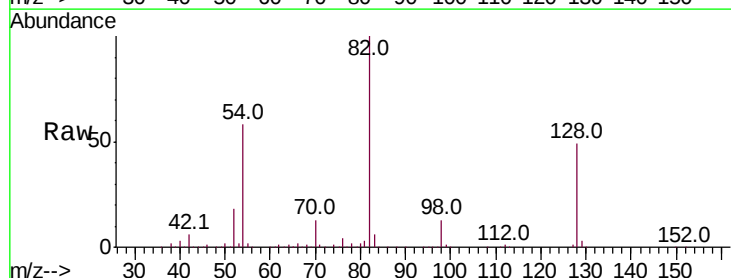


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

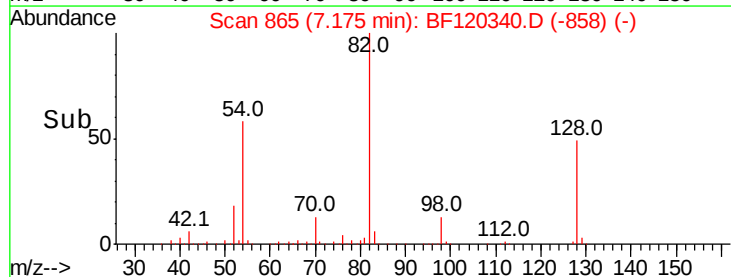
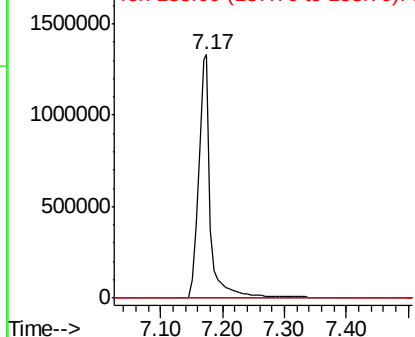


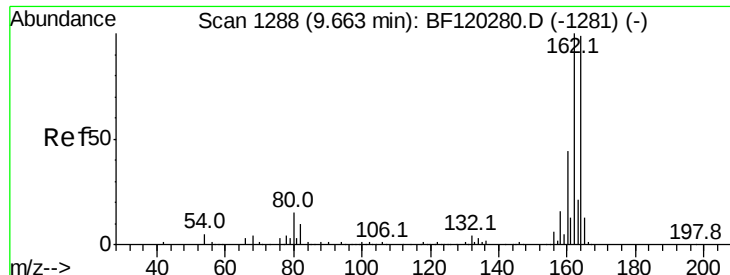
#25
Isophorone
Concen: 47.897 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.26 min
Lab File: BF120340.D
Acq: 18 May 2020 14:35

Tgt Ion: 82 Resp: 1767534
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 14.7 22.1#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

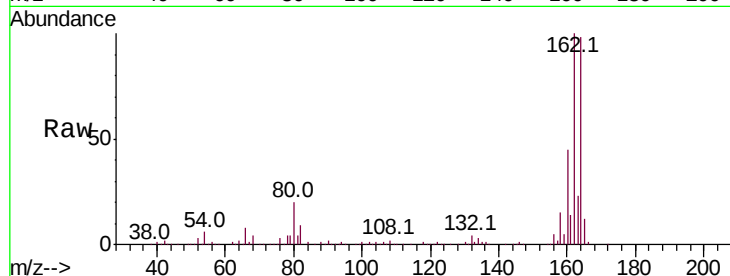




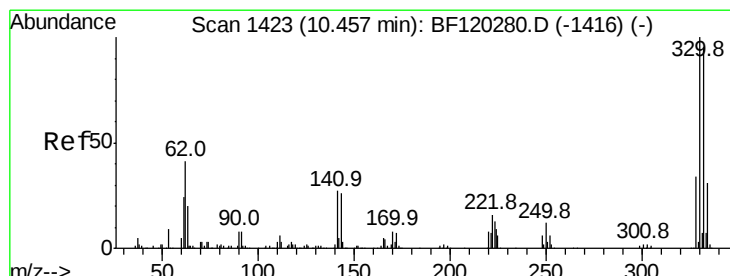
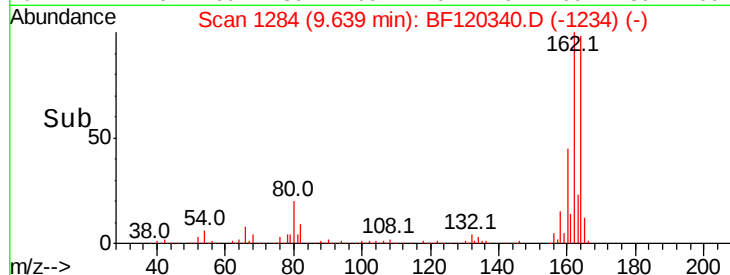
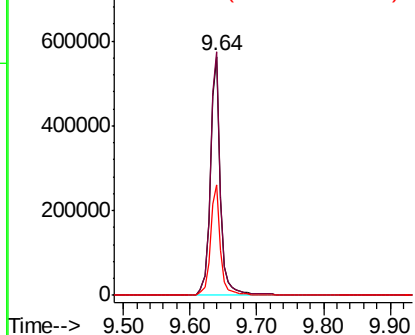
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF120340.D
Acq: 18 May 2020 14:35

Instrument :
BNA_F
ClientSampleId :
PB128931BL

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.1	81.2	121.8
160	46.2	35.8	53.6

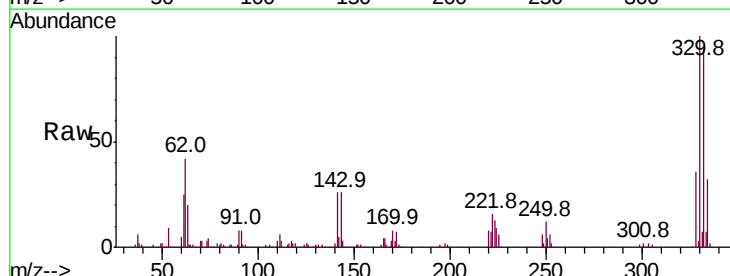


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

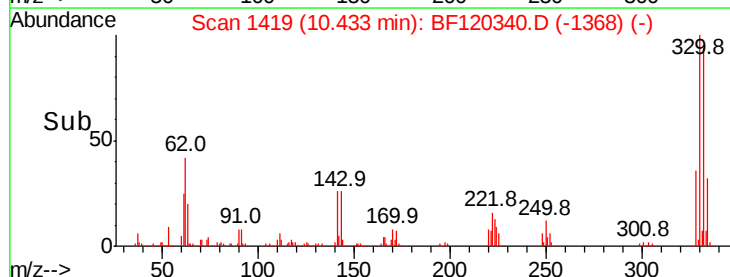
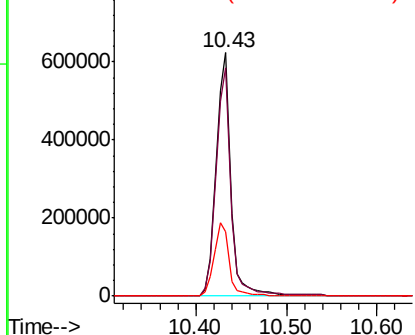


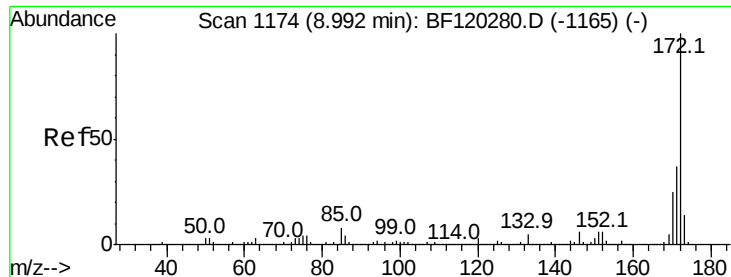
#42
2,4,6-Tribromophenol
Concen: 145.381 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BF120340.D
Acq: 18 May 2020 14:35

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.6	76.5	114.7
141	31.5	25.4	38.0



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



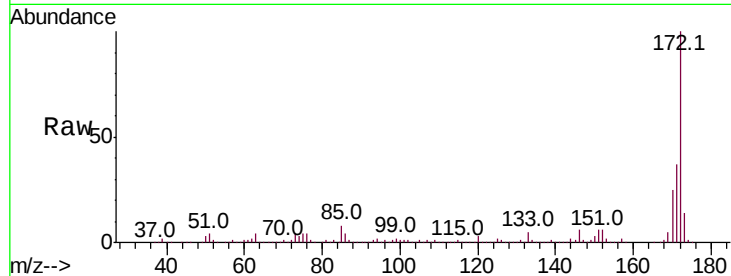


#45
 2-Fluorobiphenyl
 Concen: 110.159 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF120340.D
 Acq: 18 May 2020 14:35

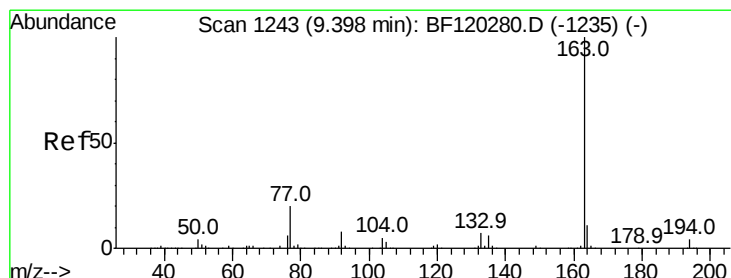
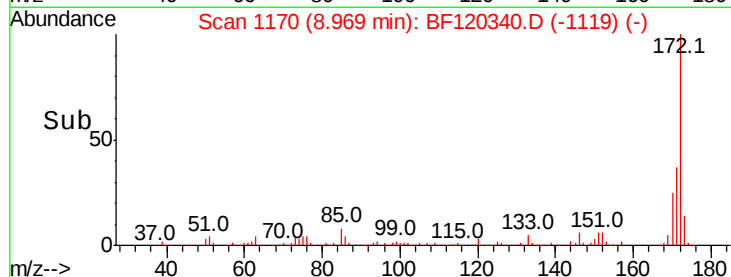
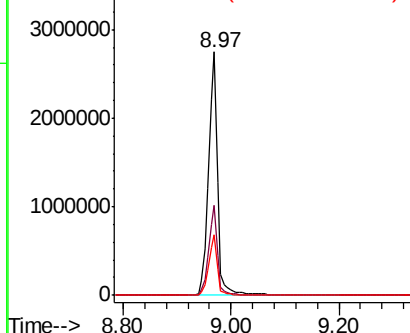
Instrument :
 BNA_F
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 PB128931BL

Tot Ion:172 Resp: 3196953

Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.7	44.5
170	25.1	19.9	29.9



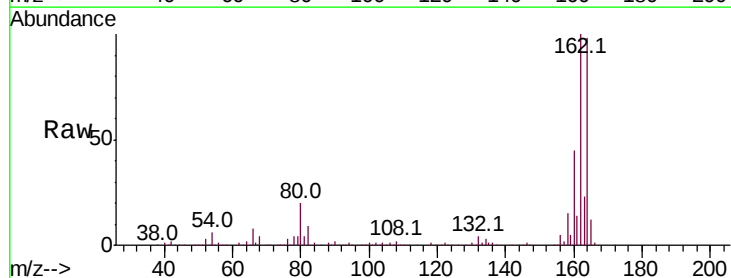
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



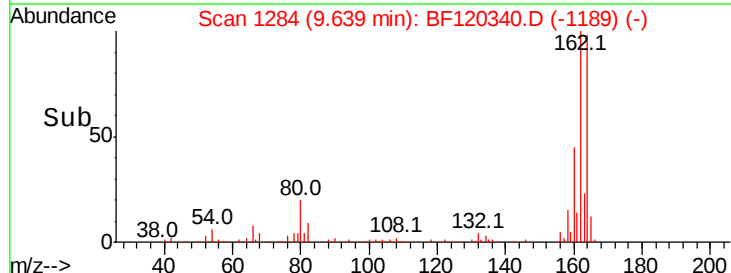
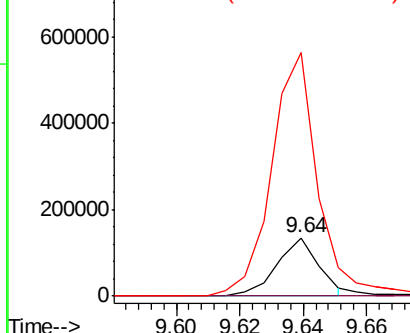
#50
 Dimethylphthalate
 Concen: 3.339 ng
 RT: 9.64 min Scan# 1284
 Delta R.T. 0.26 min
 Lab File: BF120340.D
 Acq: 18 May 2020 14:35

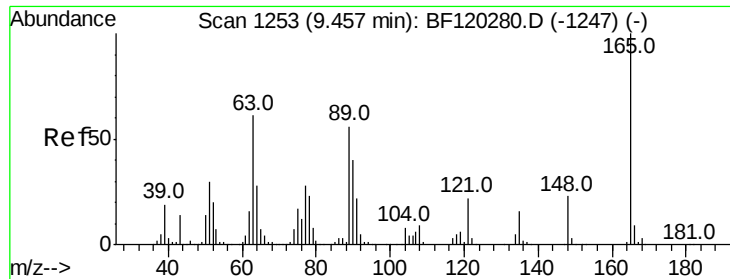
Tgt Ion:163 Resp: 125836

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.1	4.7#
164	419.2	8.6	12.8#



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

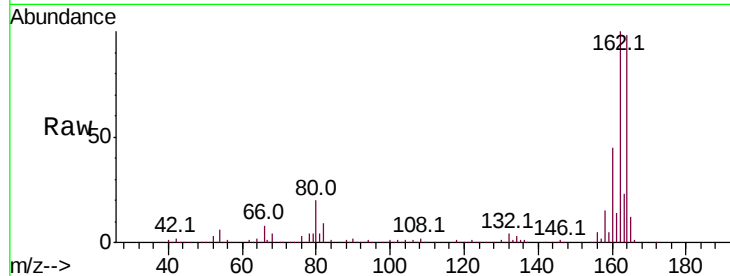




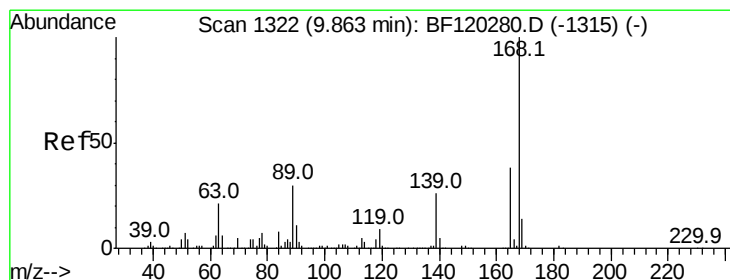
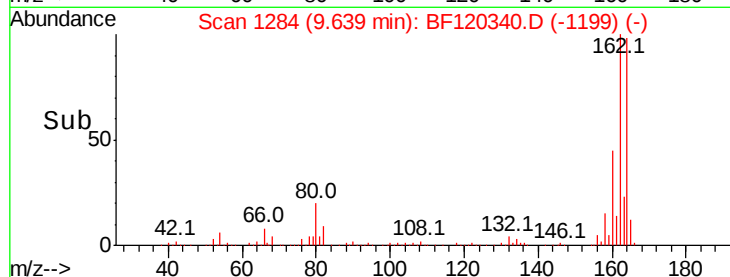
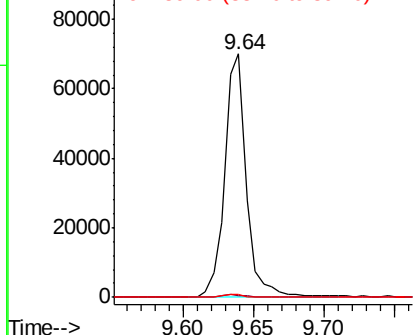
#51
 2,6-Dinitrotoluene
 Concen: 8.891 ng
 RT: 9.64 min Scan# 1284
 Delta R.T. 0.20 min
 Lab File: BF120340.D
 Acq: 18 May 2020 14:35

Instrument :
 BNA_F
 ClientSampleId :
 PB128931BL

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.9	50.2	75.2#
89	1.2	44.6	66.8#

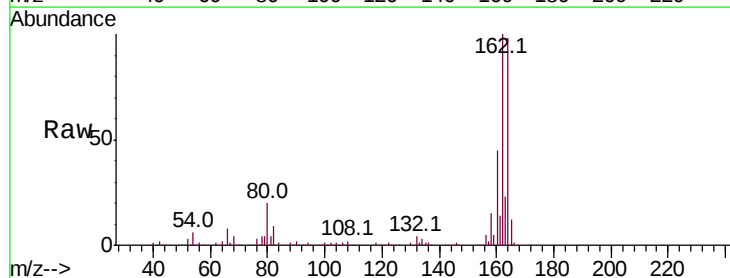


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

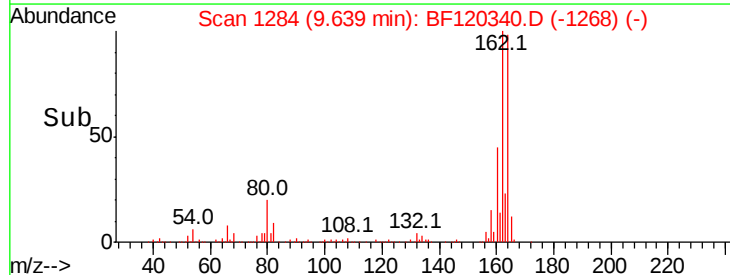
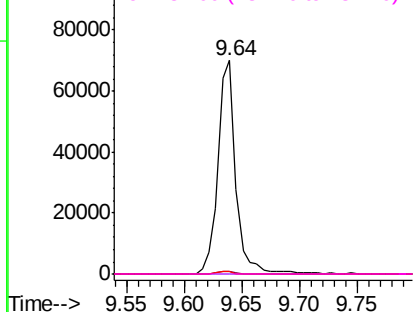


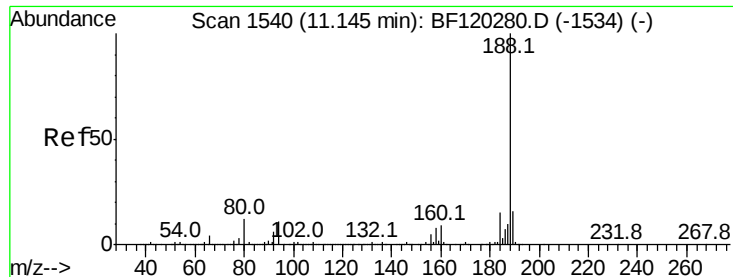
#57
 2,4-Dinitrotoluene
 Concen: 7.611 ng
 RT: 9.64 min Scan# 1284
 Delta R.T. -0.21 min
 Lab File: BF120340.D
 Acq: 18 May 2020 14:35

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	51.8	77.8#
89	1.2	64.2	96.4#
182	0.0	2.0	3.0#



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

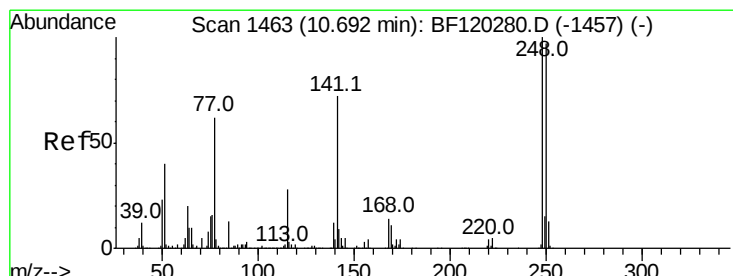
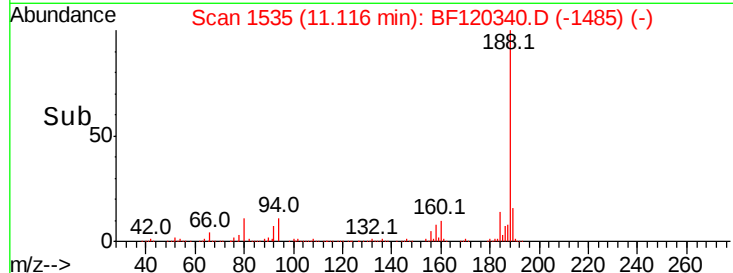
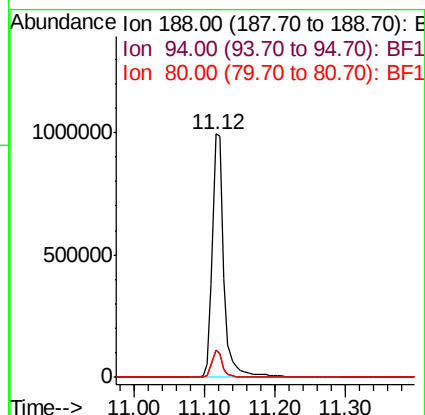
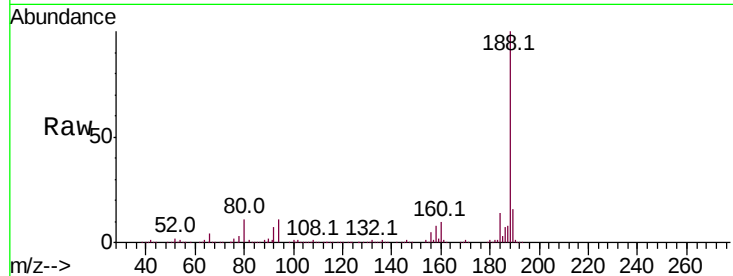




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.12 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BF120340.D
Acq: 18 May 2020 14:35

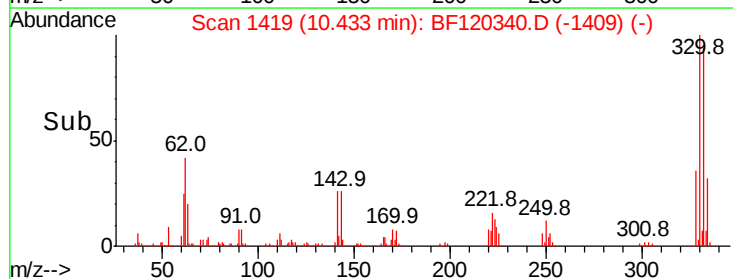
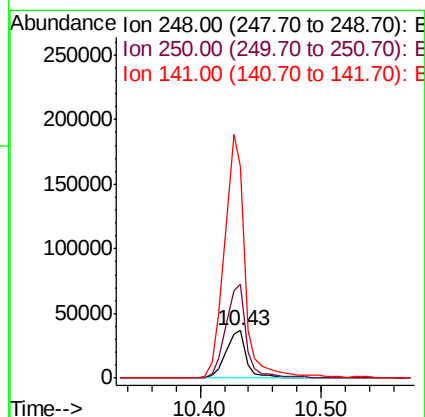
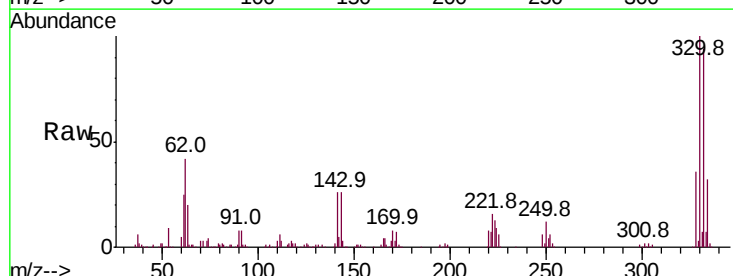
Instrument :
BNA_F
ClientSampleId :
PB128931BL

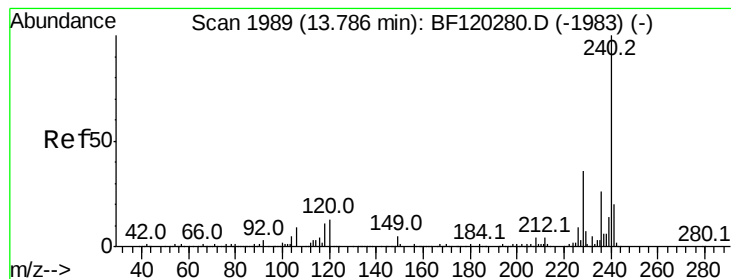
Tot Ion:188 Resp: 1141202
Ion Ratio Lower Upper
188 100
94 11.2 8.6 13.0
80 11.4 9.2 13.8



#67
4-Bromophenyl-phenylether
Concen: 3.931 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.24 min
Lab File: BF120340.D
Acq: 18 May 2020 14:35

Tgt Ion:248 Resp: 43530
Ion Ratio Lower Upper
248 100
250 198.3 77.8 116.6#
141 448.5 57.7 86.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.75 min Scan# 1983

Delta R.T. -0.01 min

Lab File: BF120340.D

Acq: 18 May 2020 14:35

Instrument :

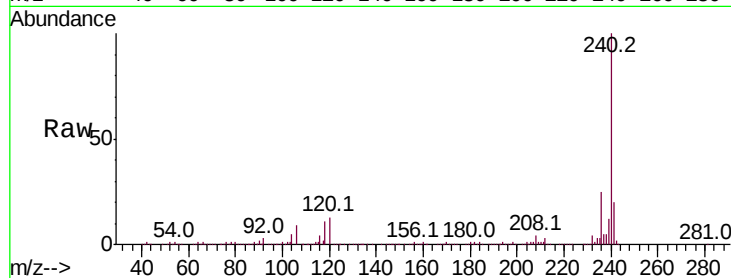
BNA_F

ClientSampleId :

PB128931BL

Tot Ion:240 Resp: 963291

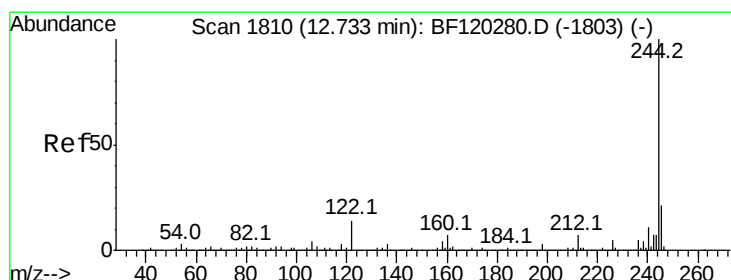
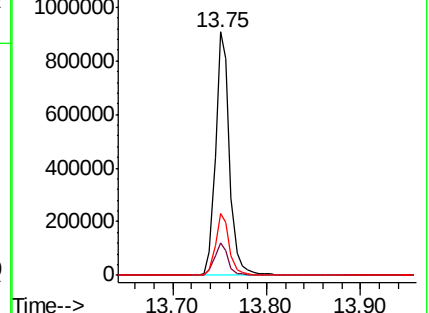
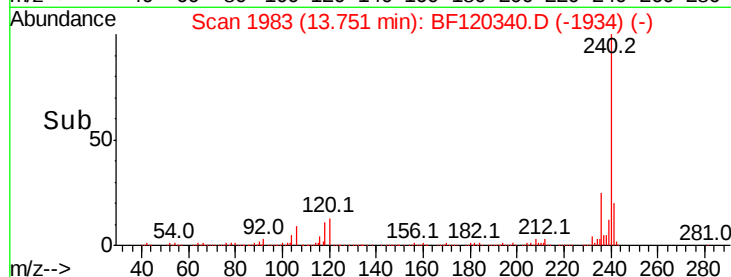
Ion	Ratio	Lower	Upper
240	100		
120	13.2	10.4	15.6
236	25.4	21.0	31.6



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



#79

Terphenyl-d14

Concen: 76.866 ng

RT: 12.72 min Scan# 1807

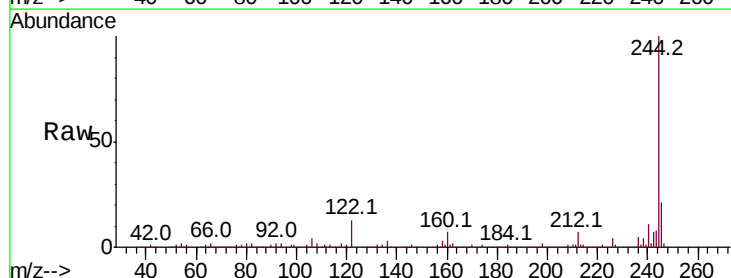
Delta R.T. 0.01 min

Lab File: BF120340.D

Acq: 18 May 2020 14:35

Tgt Ion:244 Resp: 3351598

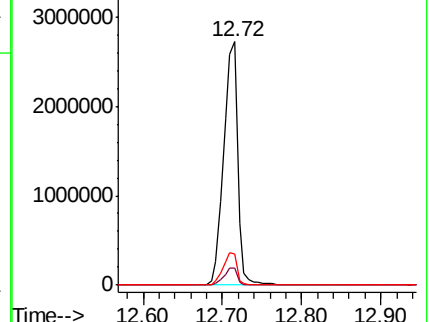
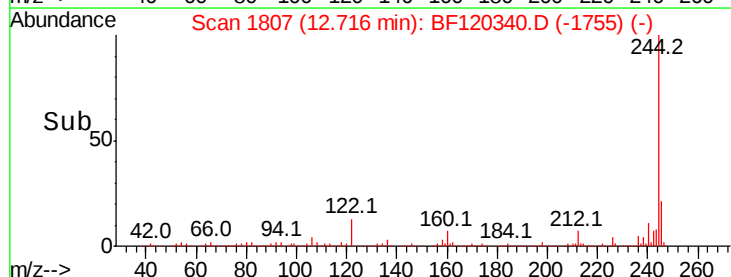
Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.6
122	12.5	10.8	16.2

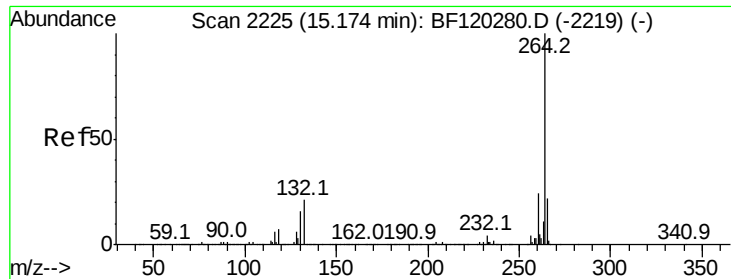


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.14 min Scan# 2219
 Delta R.T. -0.01 min
 Lab File: BF120340.D
 Acq: 18 May 2020 14:35

Instrument :
 BNA_F
 ClientSampleId :
 PB128931BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.6
265	20.6	17.5	26.3

