

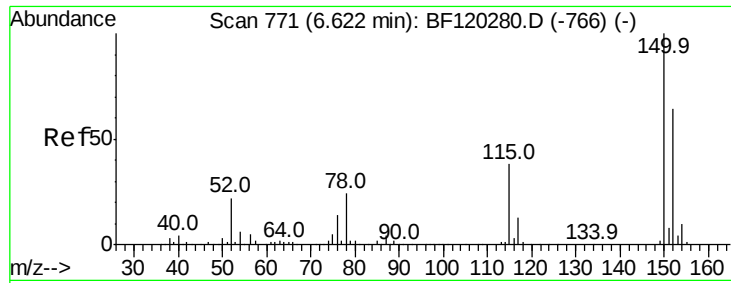
Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF051820\
 Data File : BF120342.D
 Acq On : 18 May 2020 15:29
 Operator : MA/SJ
 Sample : PB128942BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128942BL

Quant Time: May 18 16:09:20 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	343914	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	1381358	20.00	ng	0.00
39) Acenaphthene-d10	9.63	164	761758	20.00	ng	-0.01
64) Phenanthrene-d10	11.12	188	1271861	20.00	ng	0.00
76) Chrysene-d12	13.75	240	1047164	20.00	ng	-0.01
87) Perylene-d12	15.14	264	966646	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1822580	103.11	ng	0.01
7) Phenol-d6	6.26	99	2309647	103.33	ng	0.00
23) Nitrobenzene-d5	7.17	82	2144851	106.31	ng	0.00
42) 2,4,6-Tribromophenol	10.43	330	583159	93.89	ng	0.00
45) 2-Fluorobiphenyl	8.97	172	3958968	106.77	ng	0.00
79) Terphenyl-d14	12.72	244	3742176	78.95	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.76	79	32225	2.029	ng	# 43
19) n-Nitroso-di-n-propylamine	7.17	70	274256	18.729	ng	# 80
25) Isophorone	7.17	82	2089098	49.765	ng	# 65
50) Dimethylphthalate	9.64	163	156571	3.251	ng	# 1
51) 2,6-Dinitrotoluene	9.63	165	96574	8.986	ng	# 22
57) 2,4-Dinitrotoluene	9.63	165	97078	7.700	ng	# 15
67) 4-Bromophenyl-phenylether	10.43	248	37148	3.010	ng	# 1

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

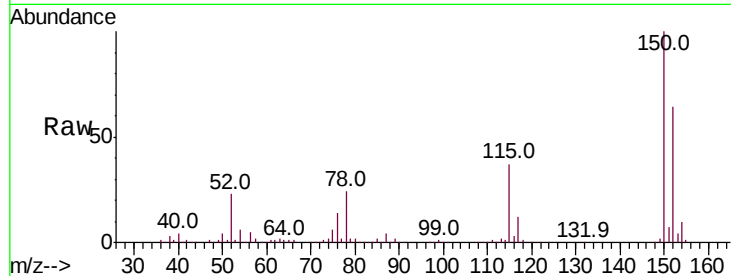


#1

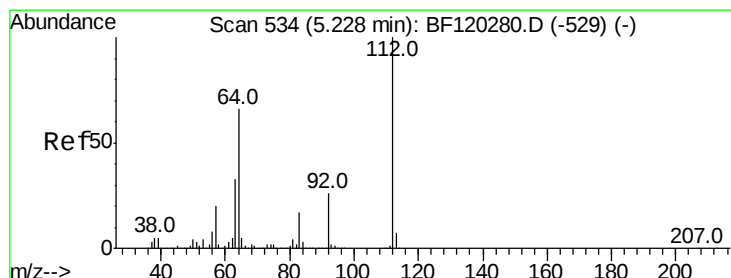
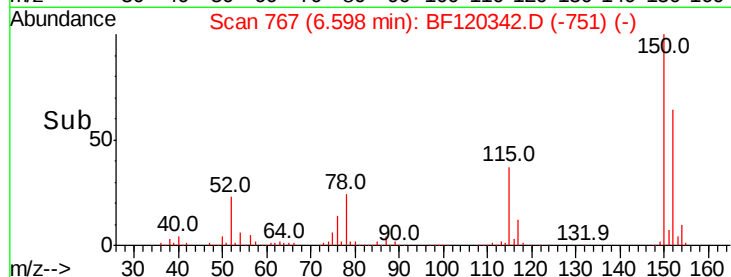
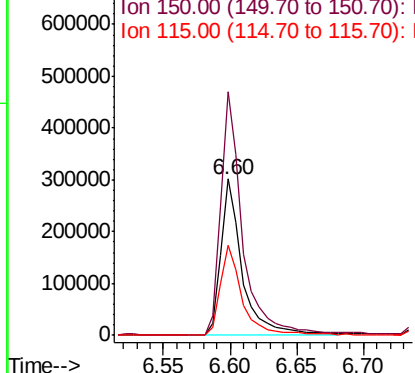
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF120342.D
Acq: 18 May 2020 15:29

Instrument :
BNA_F
ClientSampleId :
PB128942BL

Tot Ion:152 Resp: 343914
Ion Ratio Lower Upper
152 100
150 155.7 126.2 189.2
115 57.8 47.9 71.9



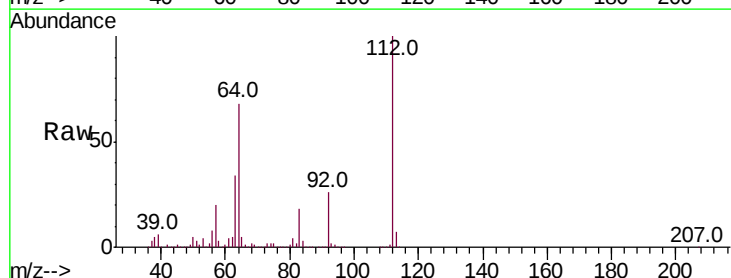
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



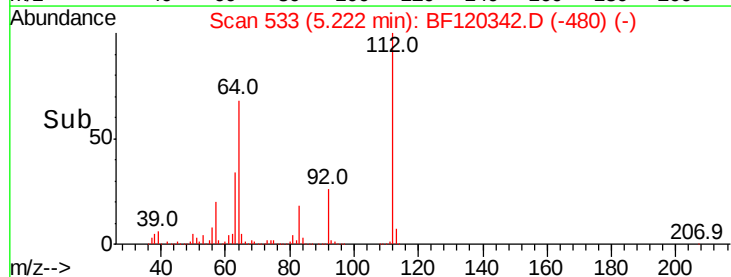
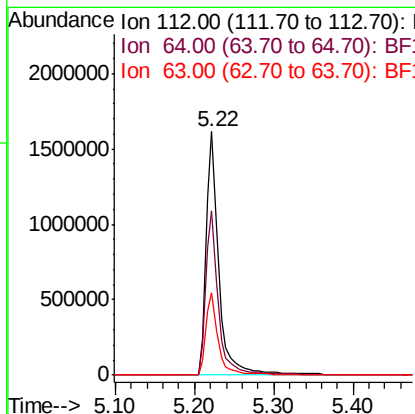
#5

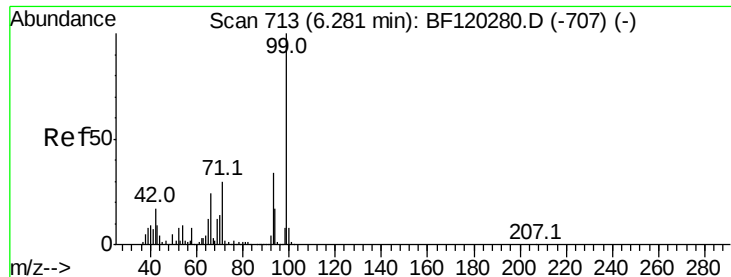
2-Fluorophenol
Concen: 103.113 ng
RT: 5.22 min Scan# 533
Delta R.T. 0.01 min
Lab File: BF120342.D
Acq: 18 May 2020 15:29

Tgt Ion:112 Resp: 1822580
Ion Ratio Lower Upper
112 100
64 67.6 52.7 79.1
63 33.9 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: 103.329 ng

RT: 6.26 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF120342.D

Acq: 18 May 2020 15:29

Instrument :

BNA_F

ClientSampleId :

PB128942BL

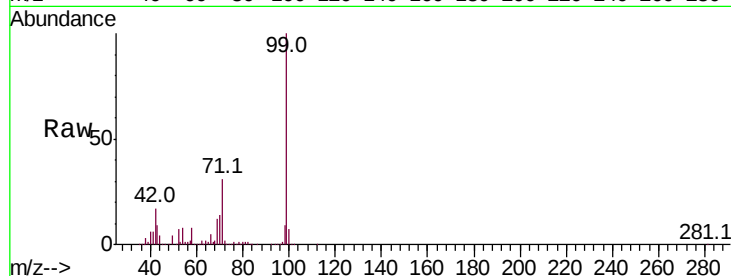
Tot Ion: 99 Resp: 2309647

Ion Ratio Lower Upper

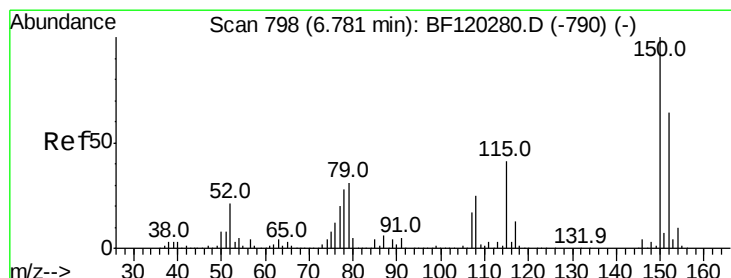
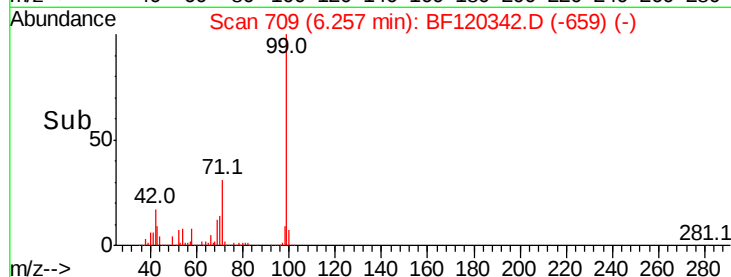
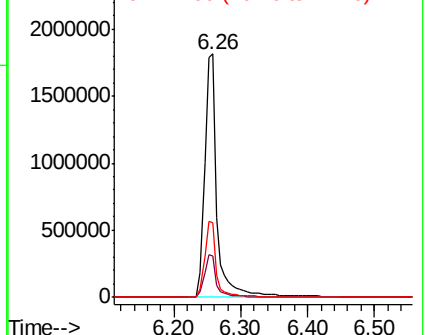
99 100

42 17.1 13.6 20.4

71 30.5 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: 2.029 ng

RT: 6.76 min Scan# 794

Delta R.T. -0.00 min

Lab File: BF120342.D

Acq: 18 May 2020 15:29

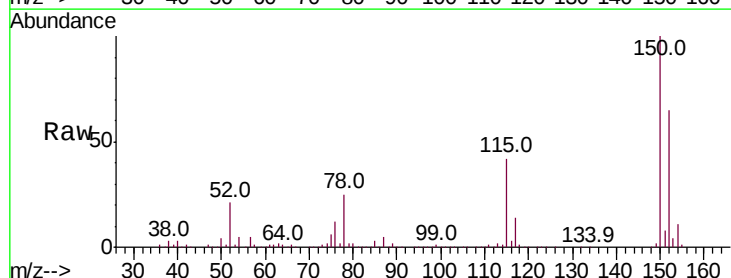
Tgt Ion: 79 Resp: 32225

Ion Ratio Lower Upper

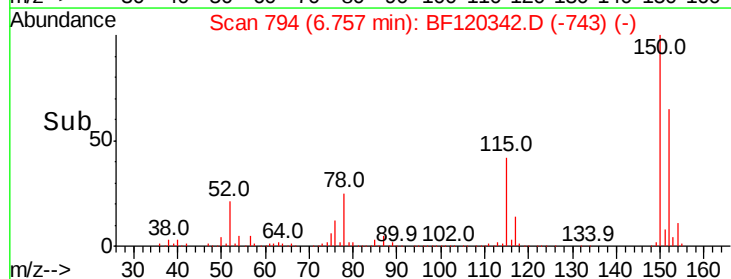
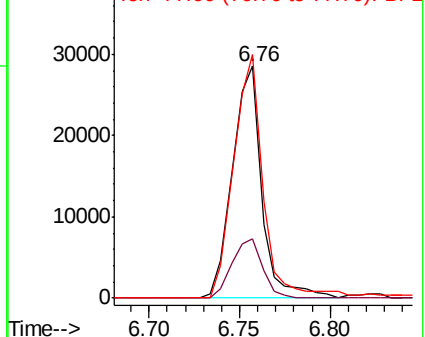
79 100

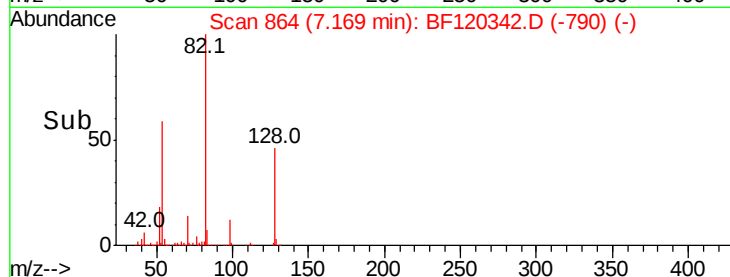
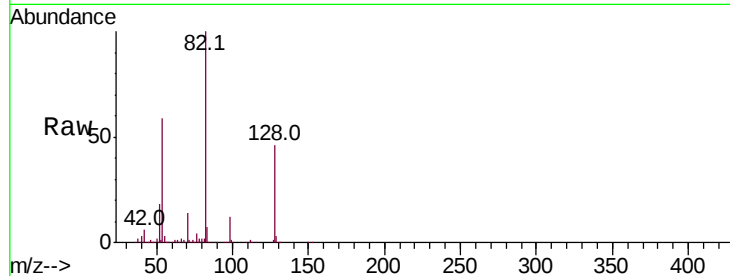
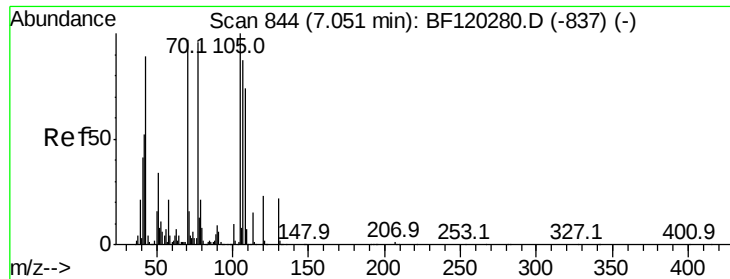
108 25.8 64.2 96.4#

77 105.0 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

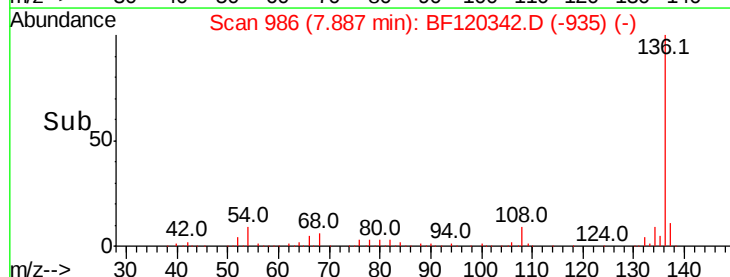
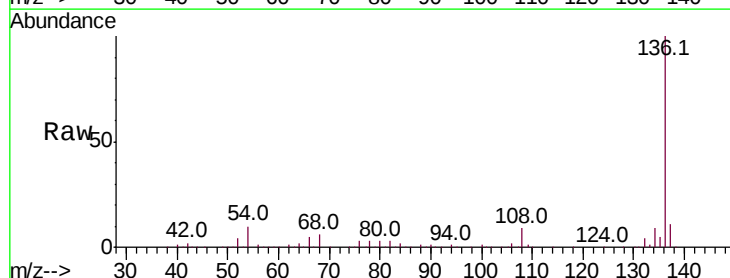
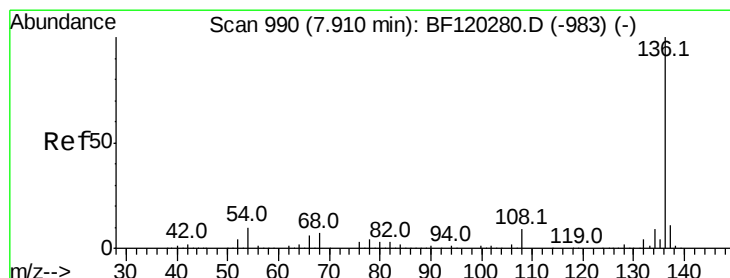
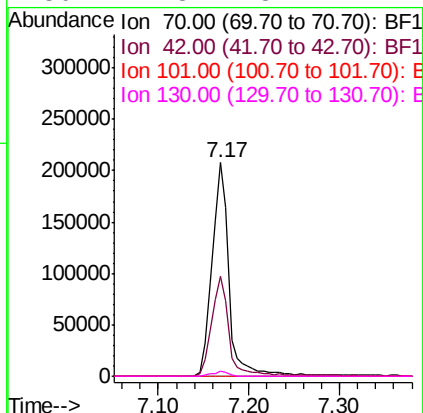




#19
n-Nitroso-di-n-propylamine
Concen: 18.729 ng
RT: 7.17 min Scan# 864
Delta R.T. 0.14 min
Lab File: BF120342.D
Acq: 18 May 2020 15:29

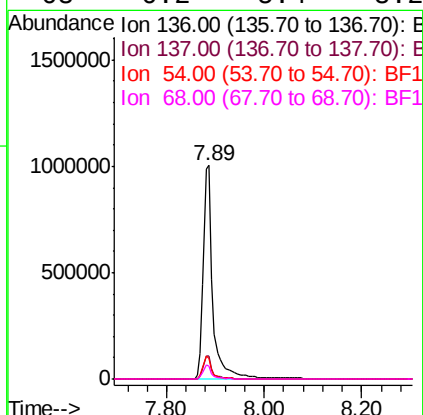
Instrument :
BNA_F
ClientSampleId :
PB128942BL

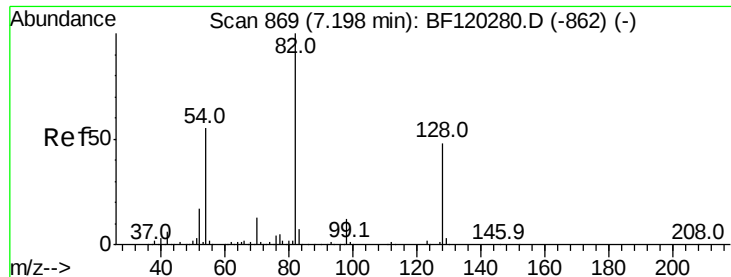
Tot Ion: 70 Resp: 274256
Ion Ratio Lower Upper
70 100
42 47.0 43.4 65.0
101 0.0 7.8 11.8#
130 2.3 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.00 min
Lab File: BF120342.D
Acq: 18 May 2020 15:29

Tgt Ion: 136 Resp: 1381358
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 9.6 7.9 11.9
68 6.2 5.4 8.2

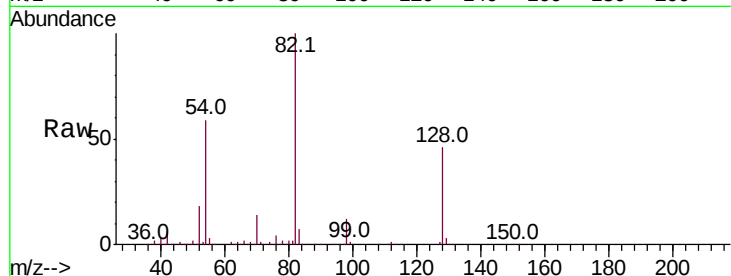




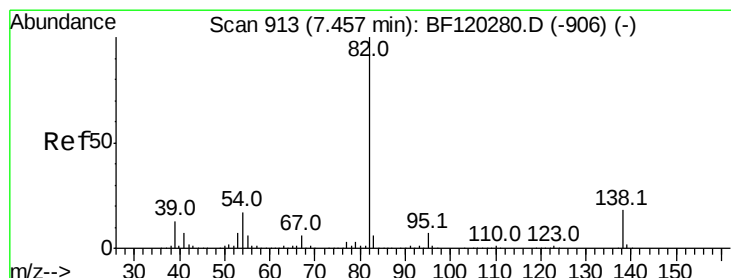
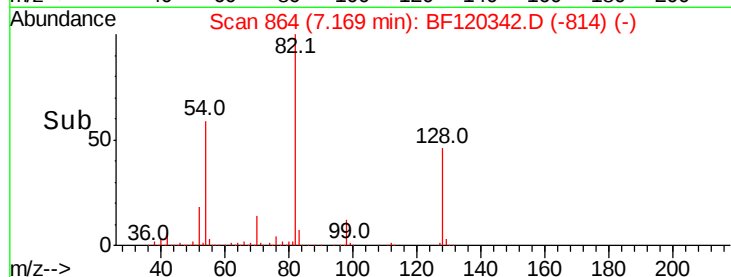
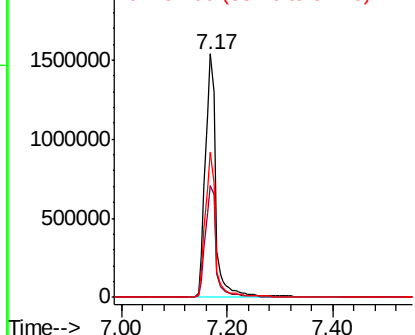
#23
 Nitrobenzene-d5
 Concen: 106.309 ng
 RT: 7.17 min Scan# 864
 Delta R.T. -0.01 min
 Lab File: BF120342.D
 Acq: 18 May 2020 15:29

Instrument :
 BNA_F
 ClientSampleId :
 PB128942BL

Tot Ion: 82 Resp: 2144851
 Ion Ratio Lower Upper
 82 100
 128 46.0 38.3 57.5
 54 59.3 43.9 65.9

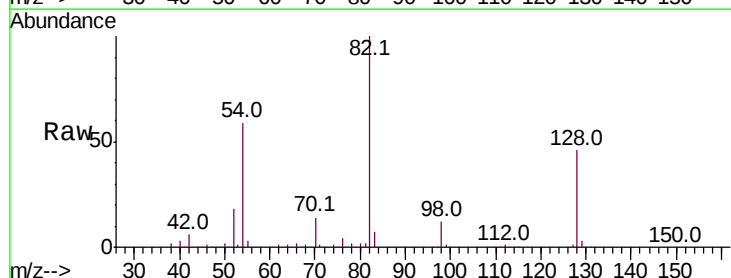


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

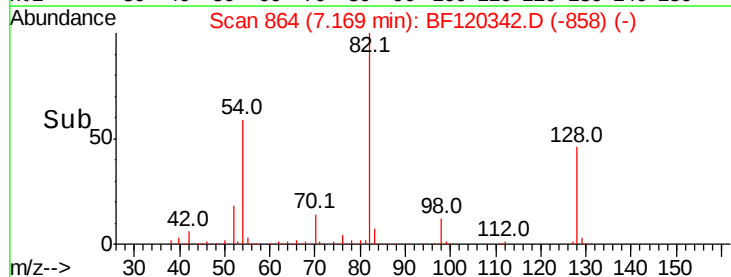
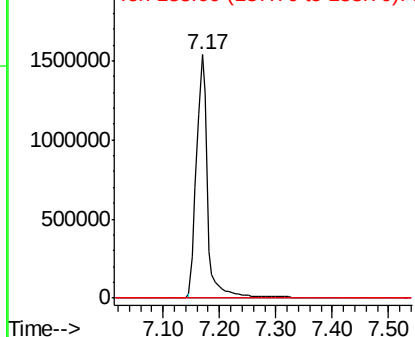


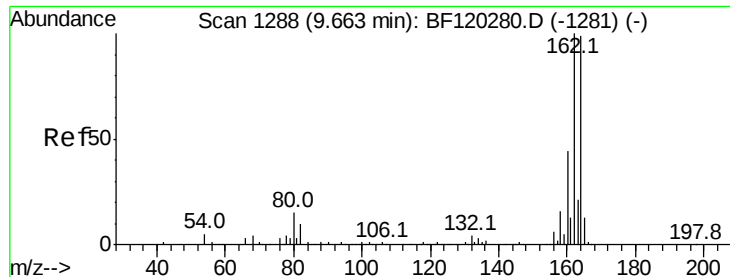
#25
 Isophorone
 Concen: 49.765 ng
 RT: 7.17 min Scan# 864
 Delta R.T. -0.26 min
 Lab File: BF120342.D
 Acq: 18 May 2020 15:29

Tgt Ion: 82 Resp: 2089098
 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

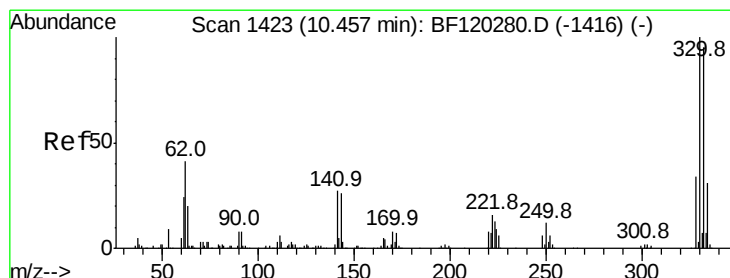
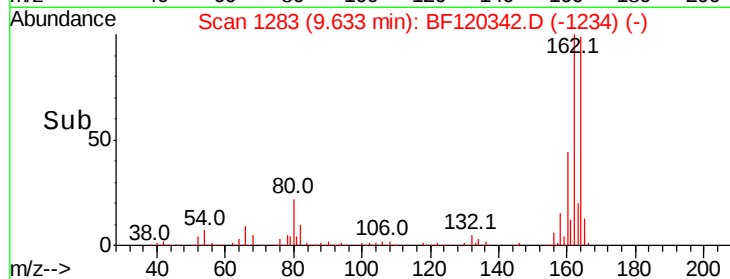
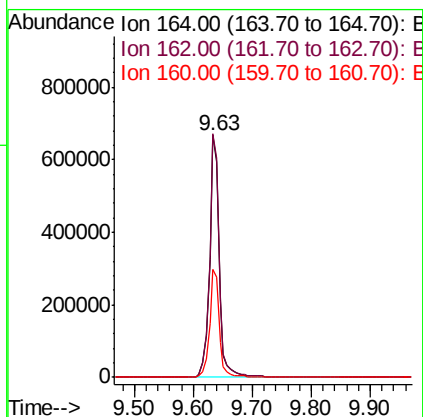
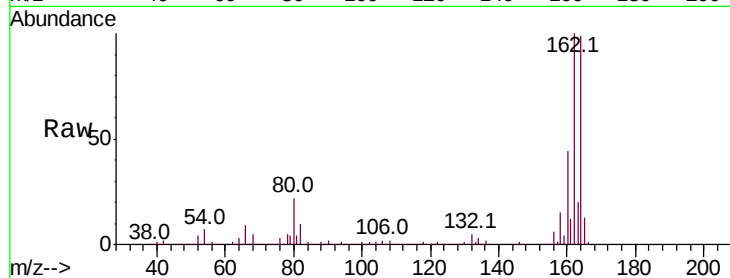




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.63 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BF120342.D
 Acq: 18 May 2020 15:29

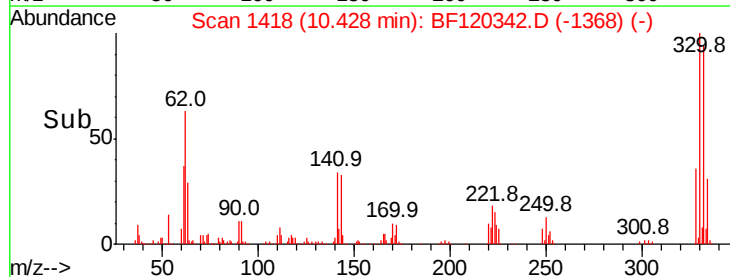
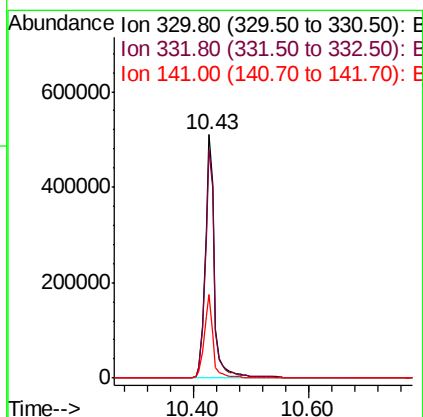
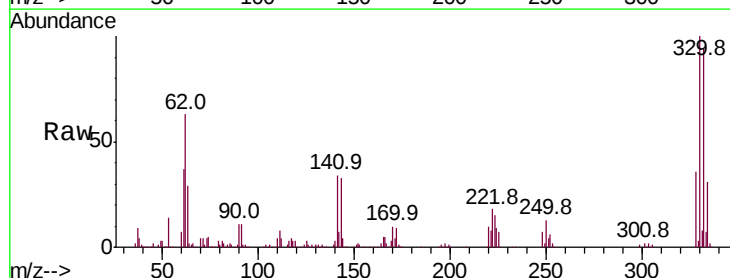
Instrument :
 BNA_F
 ClientSampleId :
 PB128942BL

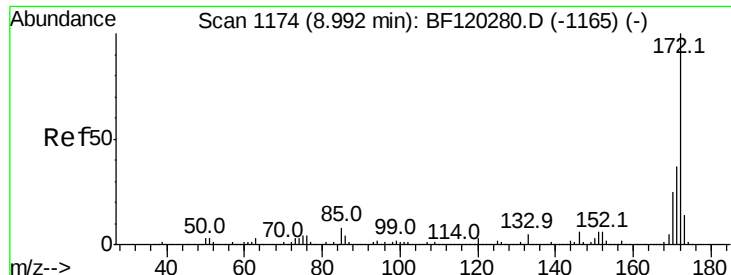
Tot Ion:164 Resp: 761758
 Ion Ratio Lower Upper
 164 100
 162 100.7 81.2 121.8
 160 44.6 35.8 53.6



#42
 2,4,6-Tribromophenol
 Concen: 93.892 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.01 min
 Lab File: BF120342.D
 Acq: 18 May 2020 15:29

Tgt Ion:330 Resp: 583159
 Ion Ratio Lower Upper
 330 100
 332 94.5 76.5 114.7
 141 32.9 25.4 38.0

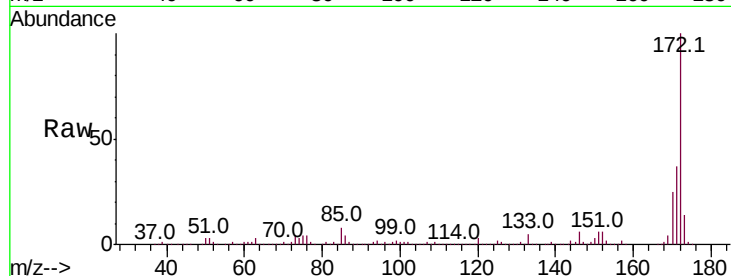




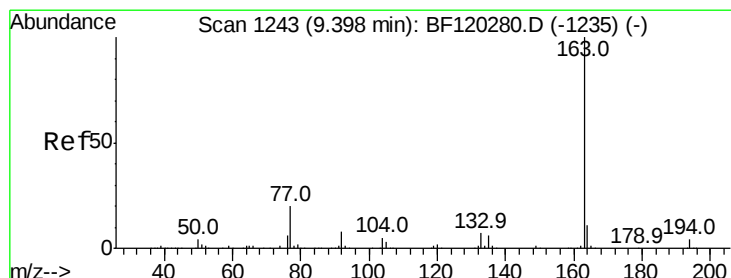
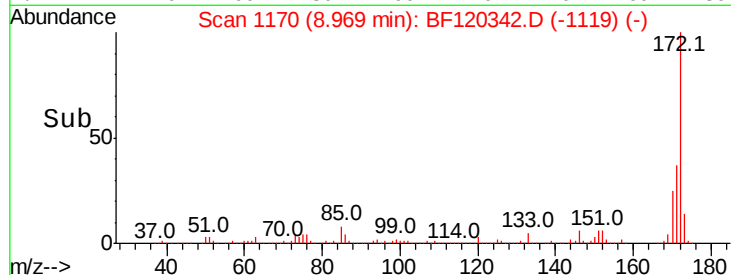
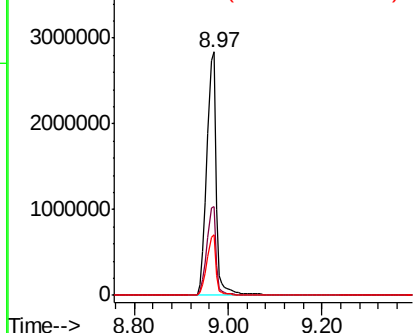
#45
2-Fluorobiphenyl
Concen: 106.774 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF120342.D
Acq: 18 May 2020 15:29

Instrument :
BNA_F
ClientSampleId :
PB128942BL

Tot Ion:172 Resp: 3958968
Ion Ratio Lower Upper
172 100
171 36.6 29.7 44.5
170 25.0 19.9 29.9

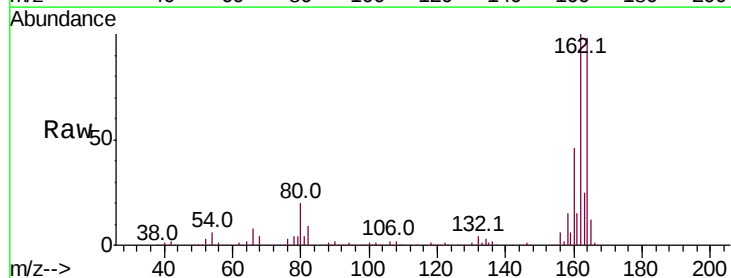


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

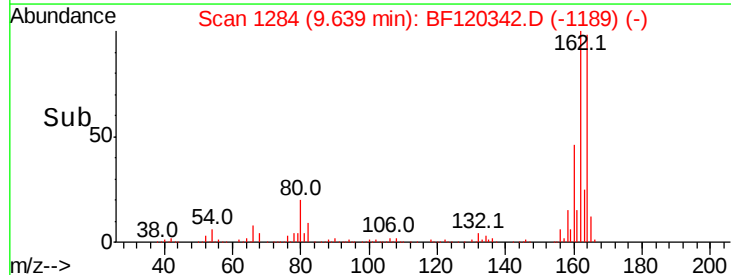
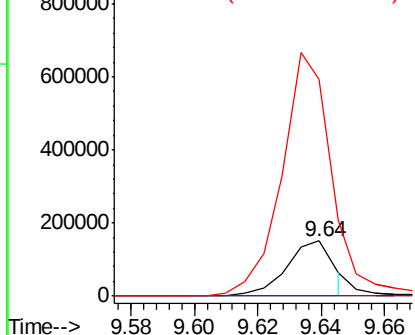


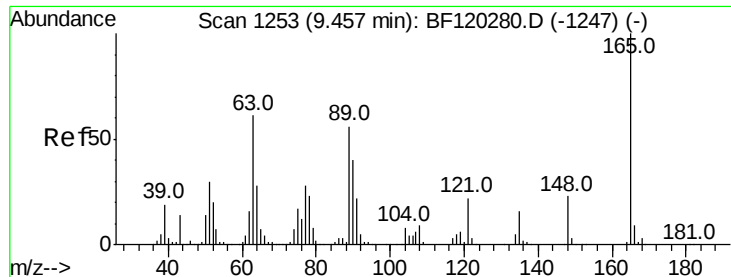
#50
Dimethylphthalate
Concen: 3.251 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.26 min
Lab File: BF120342.D
Acq: 18 May 2020 15:29

Tgt Ion:163 Resp: 156571
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 394.4 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: 8.986 ng

RT: 9.63 min Scan# 1283

Delta R.T. 0.19 min

Lab File: BF120342.D

Acq: 18 May 2020 15:29

Instrument :

BNA_F

ClientSampleId :

PB128942BL

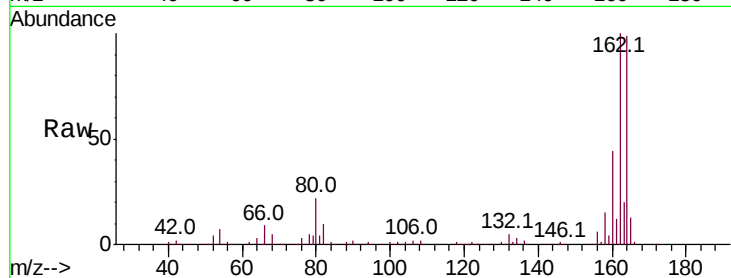
Tot Ion:165 Resp: 96574

Ion Ratio Lower Upper

165 100

63 1.1 50.2 75.2#

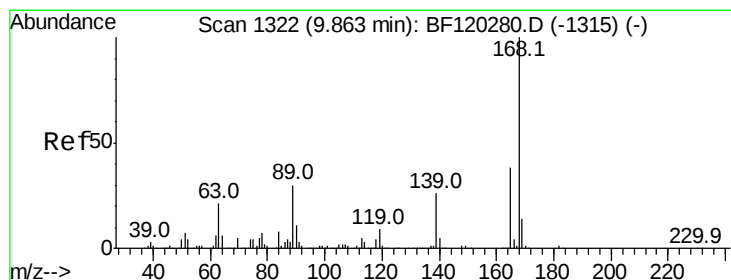
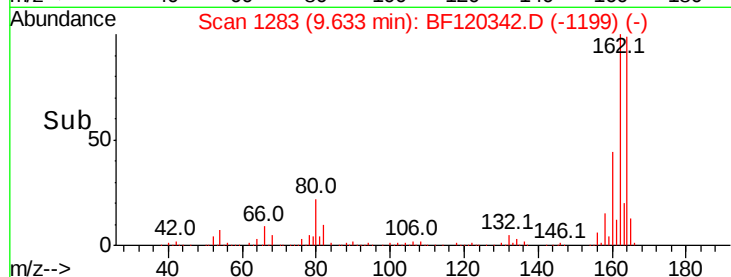
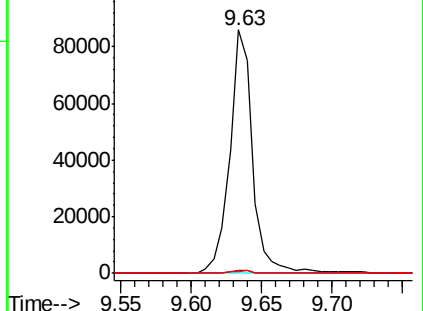
89 0.8 44.6 66.8#



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: 7.700 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.21 min

Lab File: BF120342.D

Acq: 18 May 2020 15:29

Tgt Ion:165 Resp: 97078

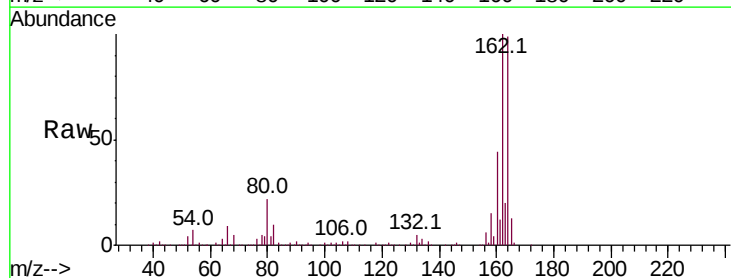
Ion Ratio Lower Upper

165 100

63 1.1 51.8 77.8#

89 0.8 64.2 96.4#

182 0.0 2.0 3.0#

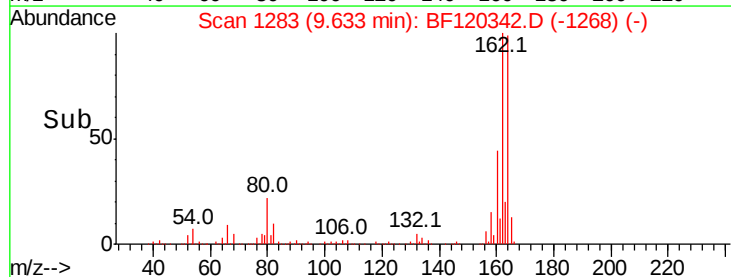
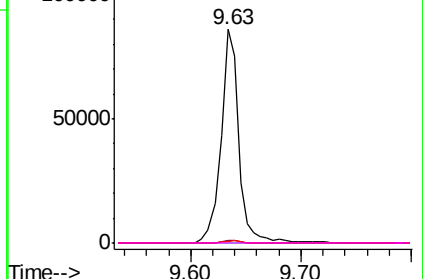


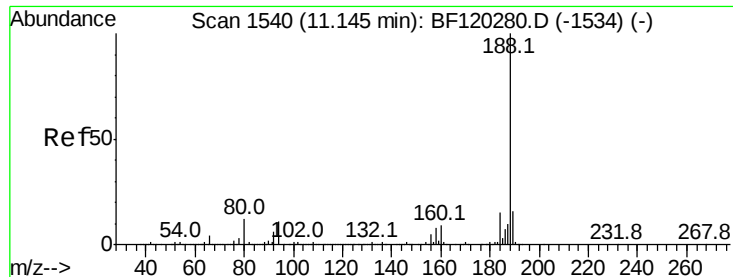
Abundance Ion 165.00 (164.70 to 165.70): E

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

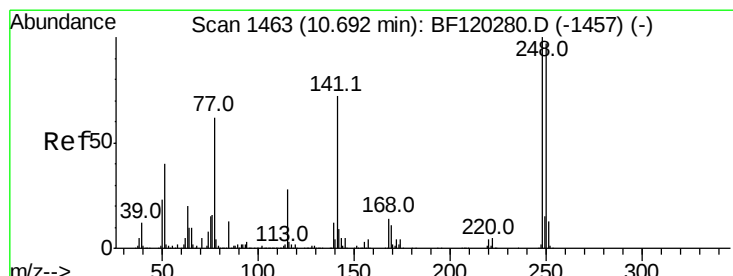
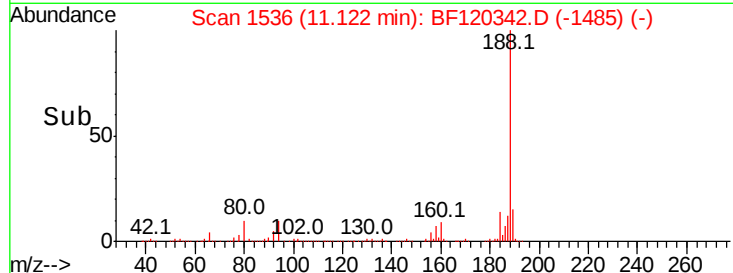
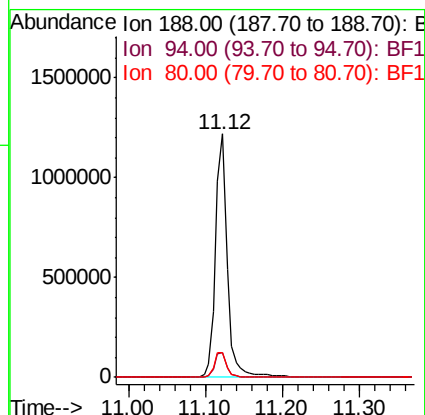
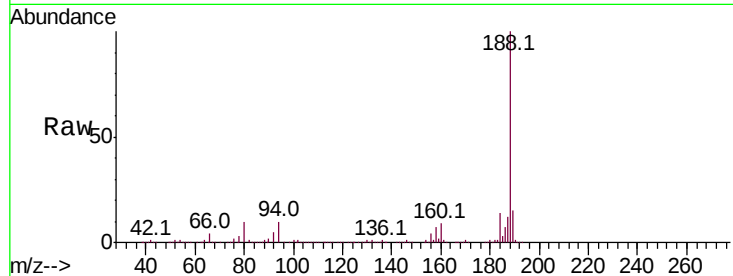




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.12 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BF120342.D
Acq: 18 May 2020 15:29

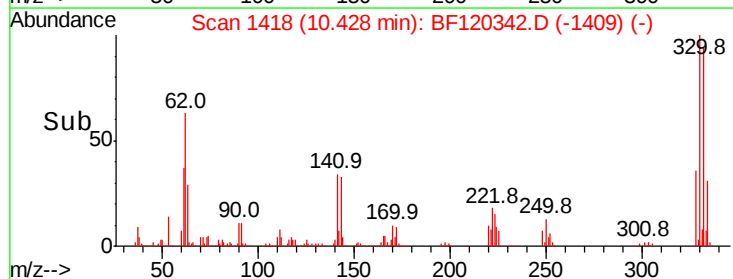
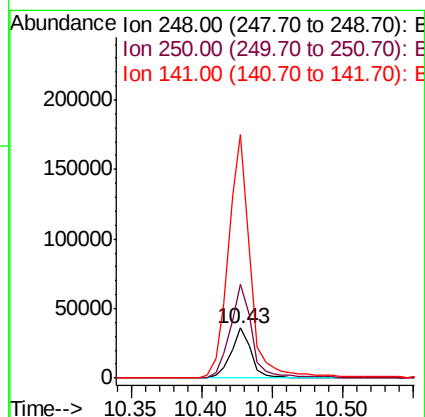
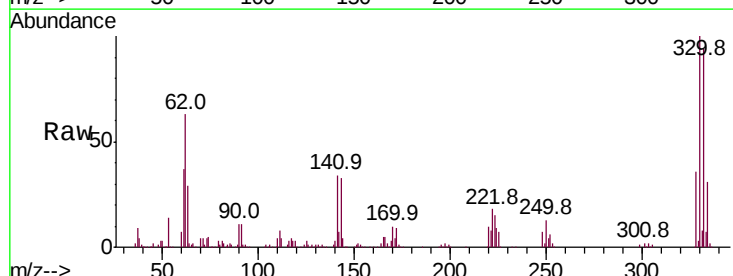
Instrument :
BNA_F
ClientSampleId :
PB128942BL

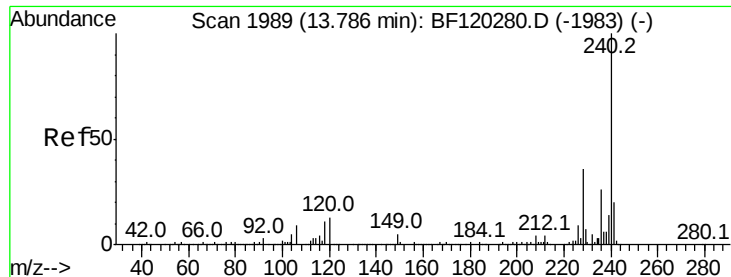
Tot Ion:188 Resp: 1271861
Ion Ratio Lower Upper
188 100
94 10.0 8.6 13.0
80 10.3 9.2 13.8



#67
4-Bromophenyl-phenylether
Concen: 3.010 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.25 min
Lab File: BF120342.D
Acq: 18 May 2020 15:29

Tgt Ion:248 Resp: 37148
Ion Ratio Lower Upper
248 100
250 187.7 77.8 116.6#
141 489.0 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: BF120342.D

Acq: 18 May 2020 15:29

Instrument :

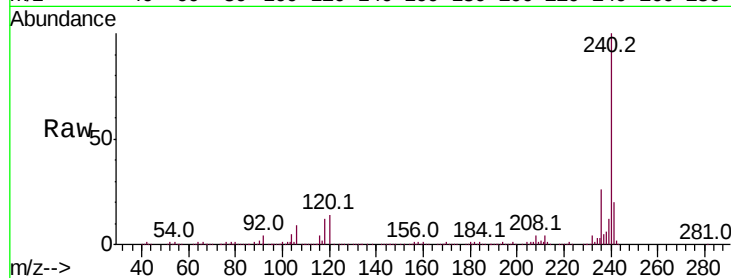
BNA_F

ClientSampleId :

PB128942BL

Tot Ion:240 Resp: 1047164

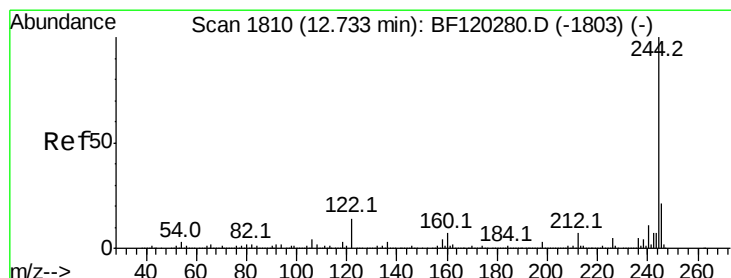
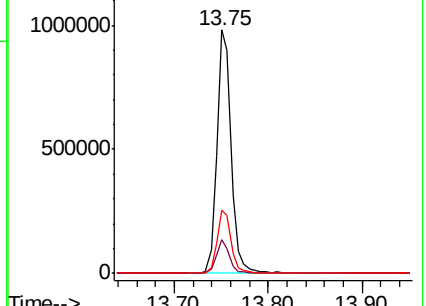
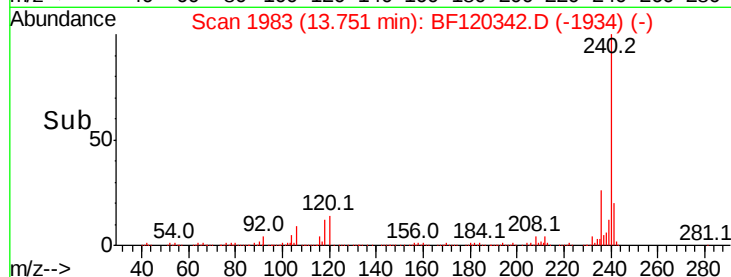
Ion	Ratio	Lower	Upper
240	100		
120	14.1	10.4	15.6
236	25.9	21.0	31.6



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: 78.949 ng

RT: 12.72 min Scan# 1807

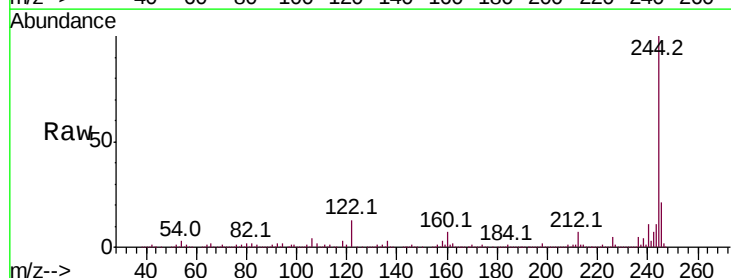
Delta R.T. 0.01 min

Lab File: BF120342.D

Acq: 18 May 2020 15:29

Tgt Ion:244 Resp: 3742176

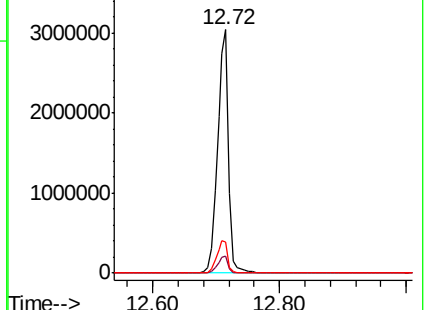
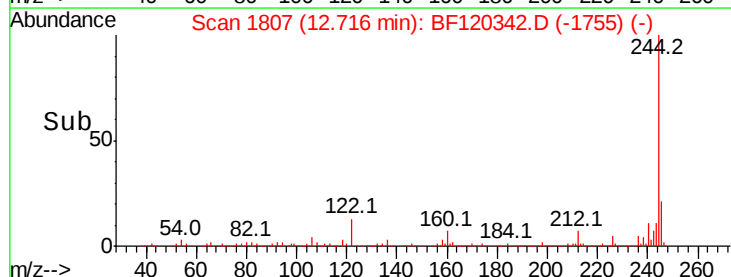
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	12.8	10.8	16.2

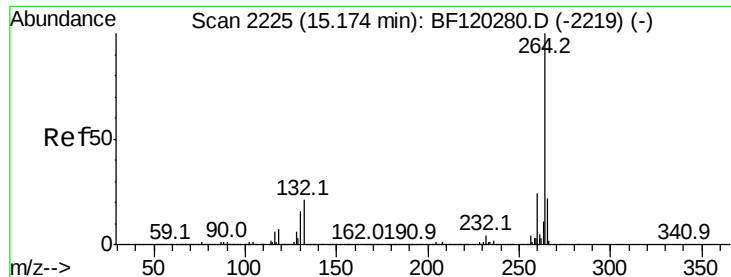


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF120342.D
Acq: 18 May 2020 15:29

Instrument :
BNA_F
ClientSampleId :
PB128942BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.0	28.6
265	21.3	17.5	26.3

