

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF051520\
 Data File : BF120318.D
 Acq On : 15 May 2020 13:40
 Operator : MA/SJ
 Sample : PB128905BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128905BL

Quant Time: May 15 14:34:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 15 12:31:31 2020
 Response via : Initial Calibration

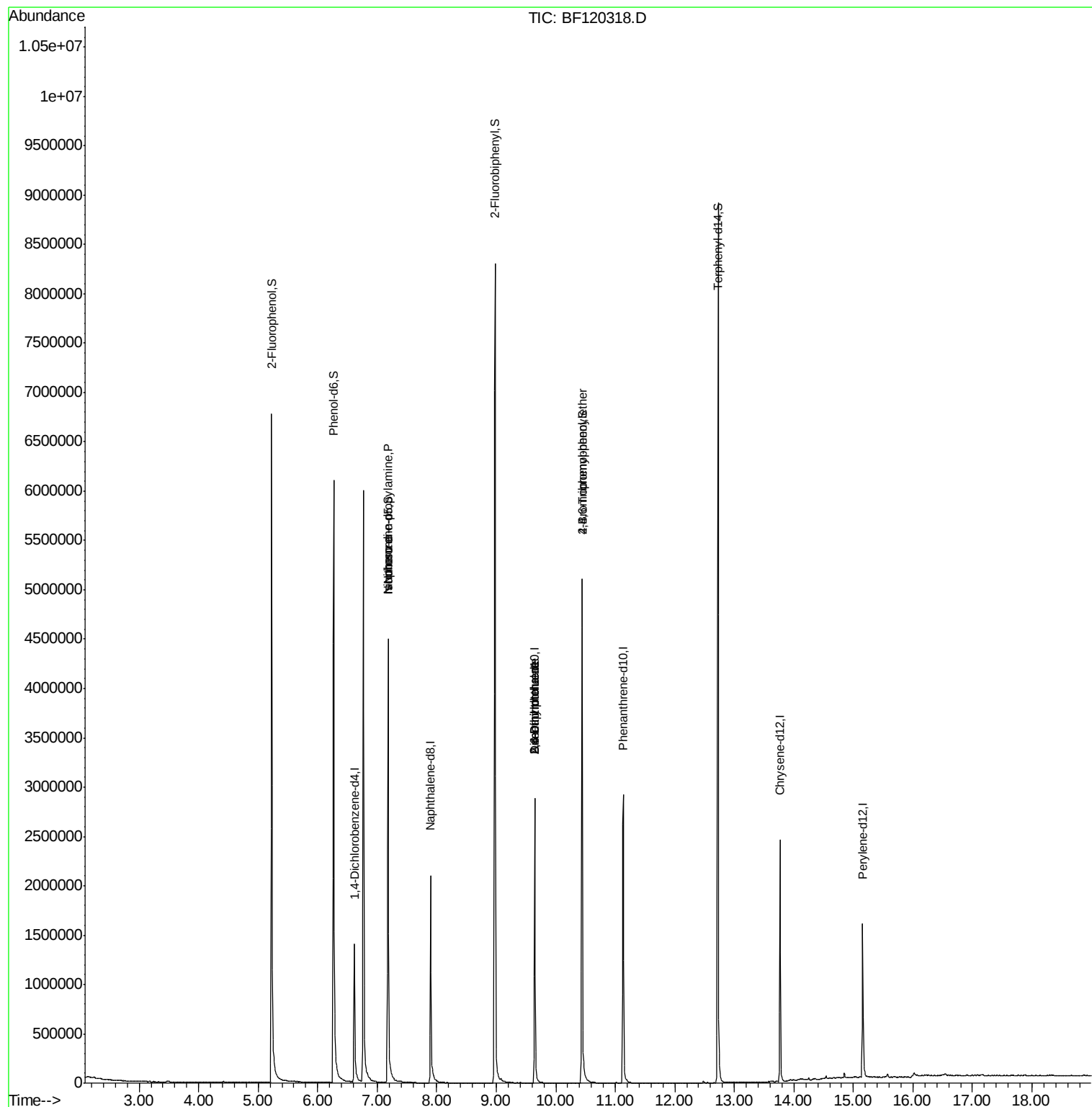
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	315376	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1270111	20.00	ng	0.00
39) Acenaphthene-d10	9.65	164	727206	20.00	ng	0.00
64) Phenanthrene-d10	11.13	188	1312696	20.00	ng	0.00
76) Chrysene-d12	13.77	240	931089	20.00	ng	0.00
87) Perylene-d12	15.16	264	728553	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	2272132	140.18	ng	0.00
7) Phenol-d6	6.27	99	3089927	150.75	ng	0.00
23) Nitrobenzene-d5	7.19	82	1860808	100.31	ng	0.00
42) 2,4,6-Tribromophenol	10.45	330	811312	136.83	ng	0.00
45) 2-Fluorobiphenyl	8.98	172	3292760	93.03	ng	0.00
79) Terphenyl-d14	12.73	244	4011228	95.18	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.19	70	235150	17.511	ng	# 79
25) Isophorone	7.19	82	1823058	47.231	ng	# 65
50) Dimethylphthalate	9.65	163	155745	3.388	ng	# 1
51) 2,6-Dinitrotoluene	9.65	165	92980	9.062	ng	# 22
57) 2,4-Dinitrotoluene	9.65	165	93391	7.760	ng	# 15
67) 4-Bromophenyl-phenylether	10.45	248	50261	3.946	ng	# 1

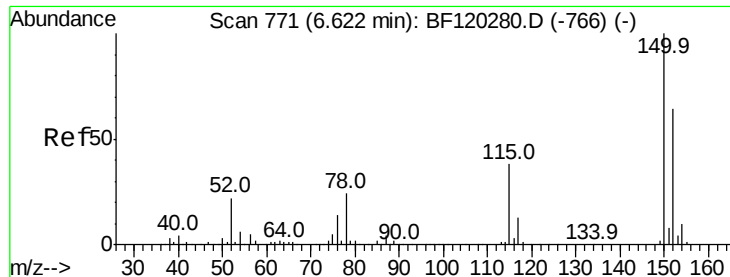
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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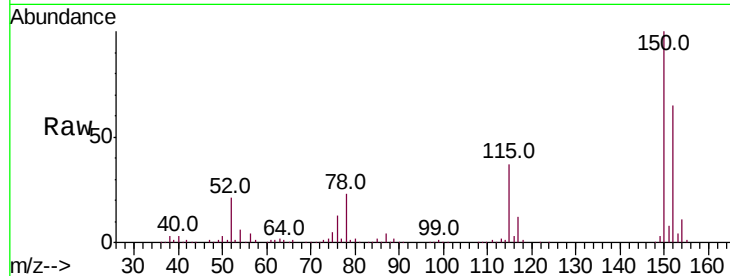


#1

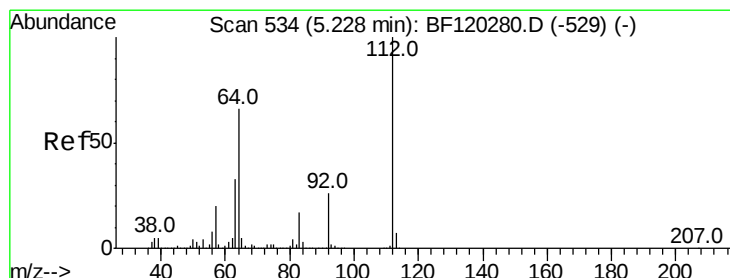
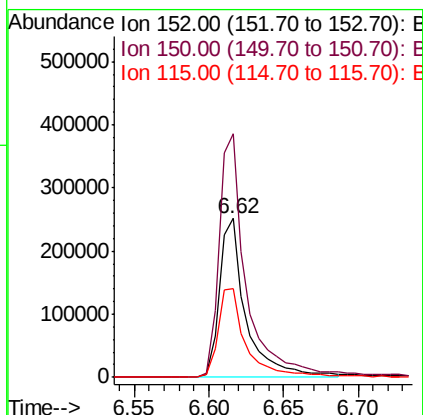
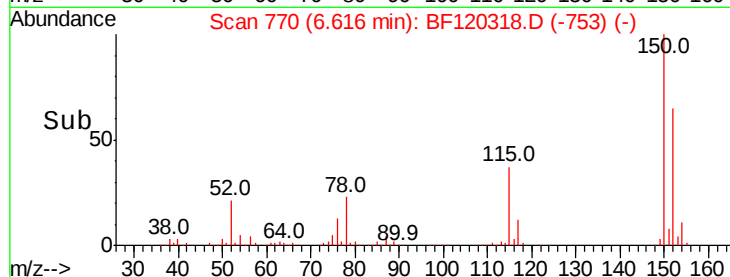
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.62 min Scan# 770
 Delta R.T. -0.00 min
 Lab File: BF120318.D
 Acq: 15 May 2020 13:40

Instrument :
 BNA_F
 ClientSampleId :
 PB128905BL

Tot Ion:152 Resp: 315376
 Ion Ratio Lower Upper
 152 100
 150 153.1 126.2 189.2
 115 56.2 47.9 71.9



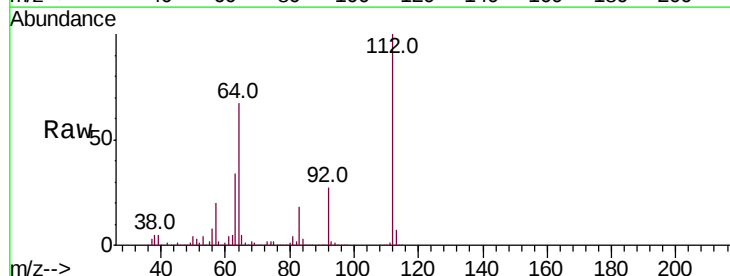
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



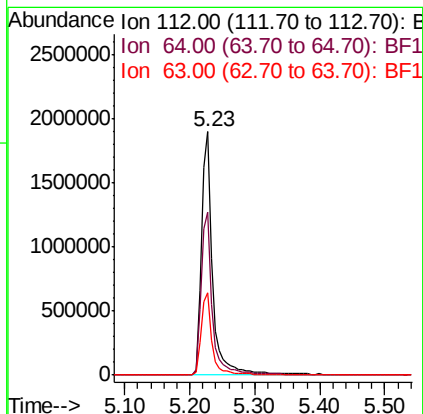
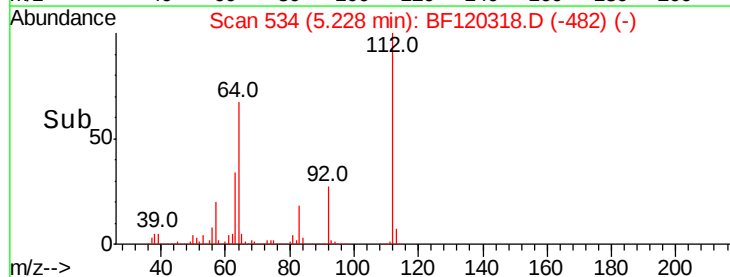
#5

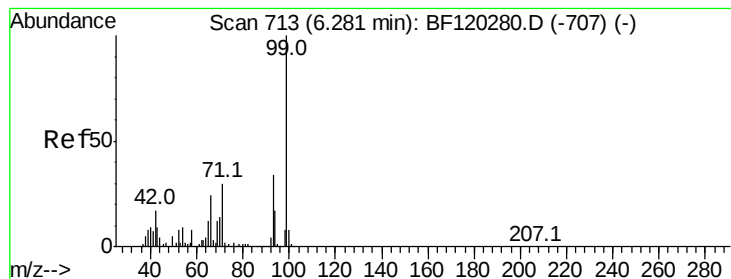
2-Fluorophenol
 Concen: 140.179 ng
 RT: 5.23 min Scan# 534
 Delta R.T. 0.01 min
 Lab File: BF120318.D
 Acq: 15 May 2020 13:40

Tgt Ion:112 Resp: 2272132
 Ion Ratio Lower Upper
 112 100
 64 67.0 52.7 79.1
 63 34.0 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: 150.746 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF120318.D

Acq: 15 May 2020 13:40

Instrument :

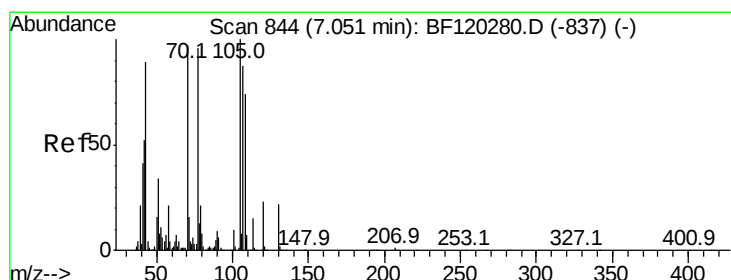
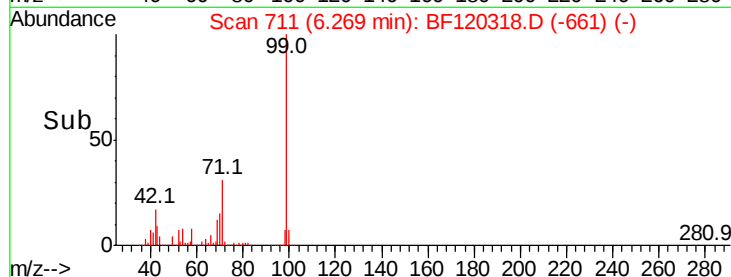
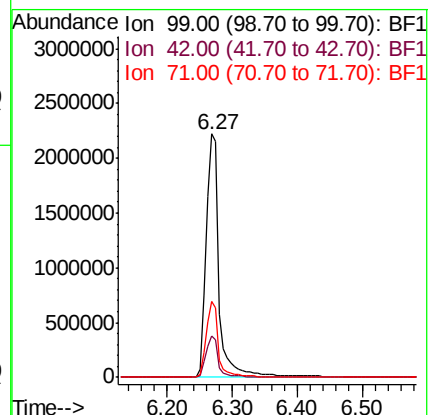
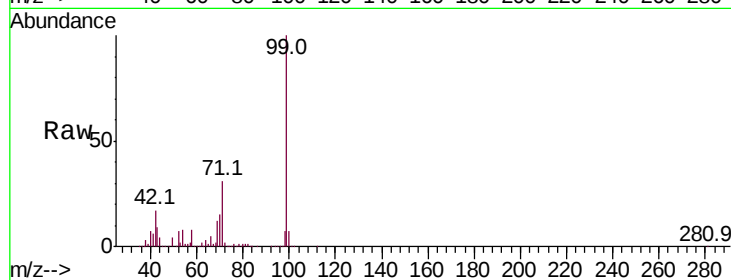
BNA_F

ClientSampleId :

PB128905BL

Tot Ion: 99 Resp: 3089927

Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.6	20.4
71	31.4	24.2	36.4



#19

n-Nitroso-di-n-propylamine

Concen: 17.511 ng

RT: 7.19 min Scan# 867

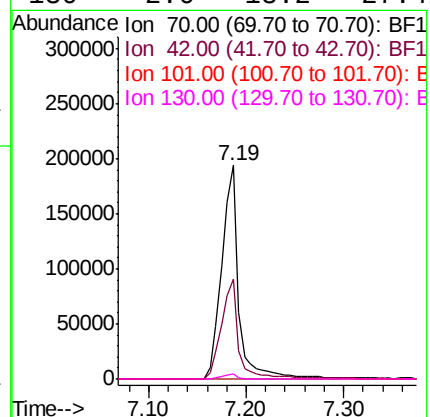
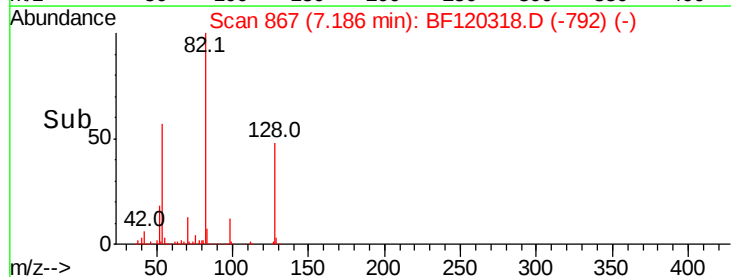
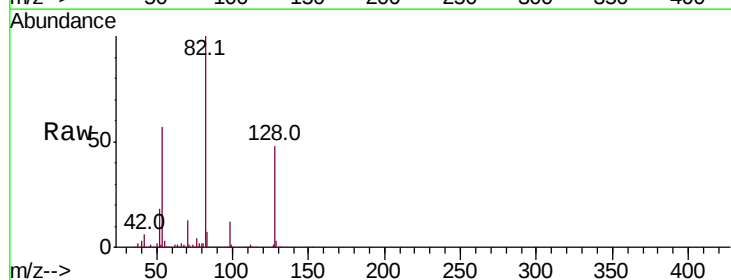
Delta R.T. 0.14 min

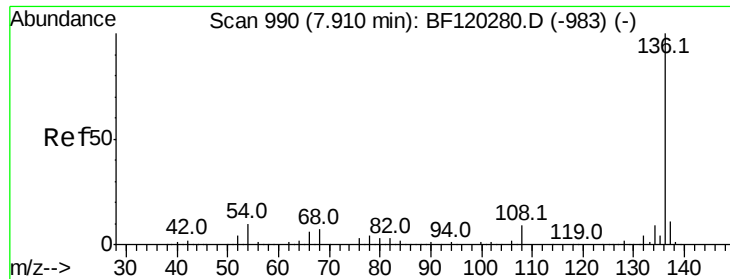
Lab File: BF120318.D

Acq: 15 May 2020 13:40

Tgt Ion: 70 Resp: 235150

Ion	Ratio	Lower	Upper
70	100		
42	46.5	43.4	65.0
101	0.0	7.8	11.8#
130	2.6	18.2	27.4#



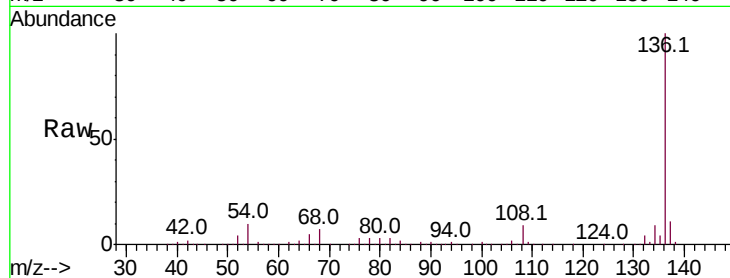


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF120318.D
Acq: 15 May 2020 13:40

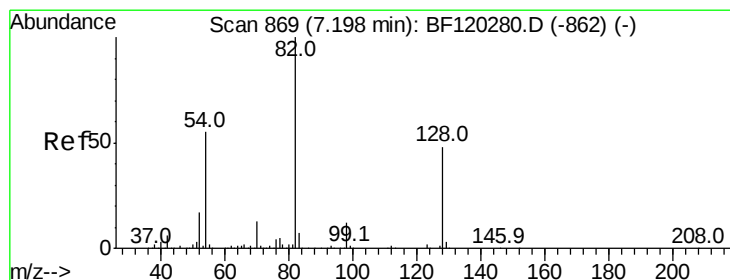
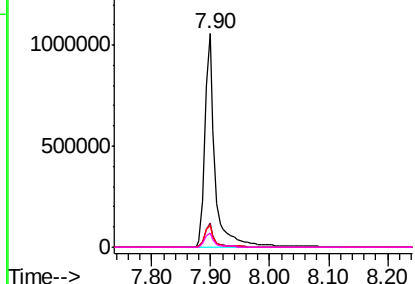
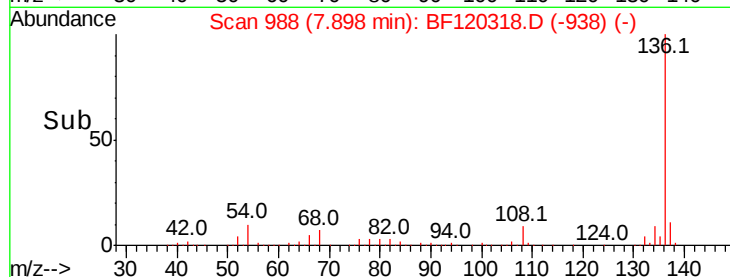
Instrument :
BNA_F
ClientSampleId :
PB128905BL

Tot Ion:136 Resp: 1270111

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	9.9	7.9	11.9
68	6.6	5.4	8.2



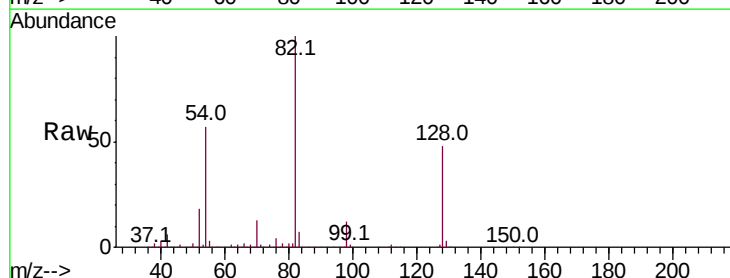
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



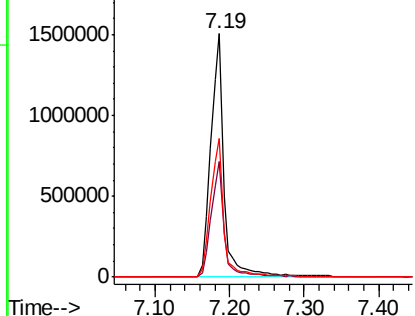
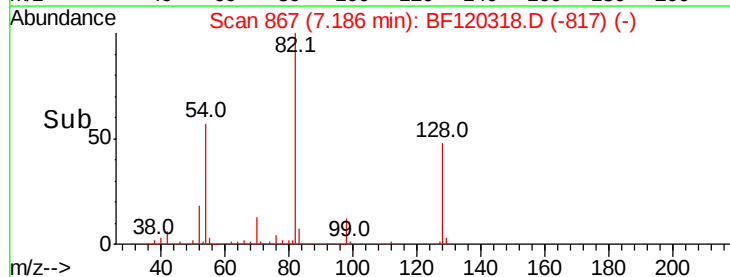
#23
Nitrobenzene-d5
Concen: 100.309 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF120318.D
Acq: 15 May 2020 13:40

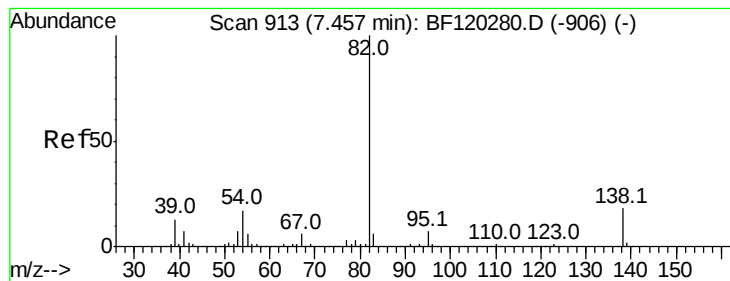
Tgt Ion: 82 Resp: 1860808

Ion	Ratio	Lower	Upper
82	100		
128	47.5	38.3	57.5
54	57.1	43.9	65.9



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





#25

Isophorone

Concen: 47.231 ng

RT: 7.19 min Scan# 867

Delta R.T. -0.26 min

Lab File: BF120318.D

Acq: 15 May 2020 13:40

Instrument :

BNA_F

ClientSampleId :

PB128905BL

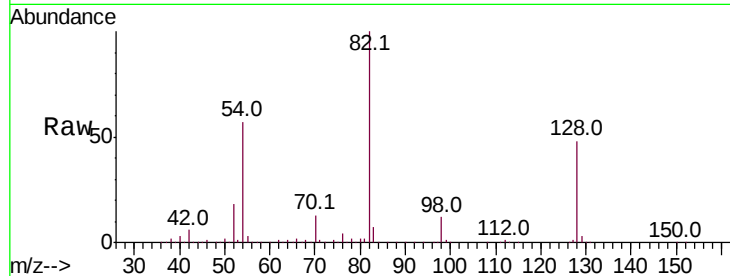
Tot Ion: 82 Resp: 1823058

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

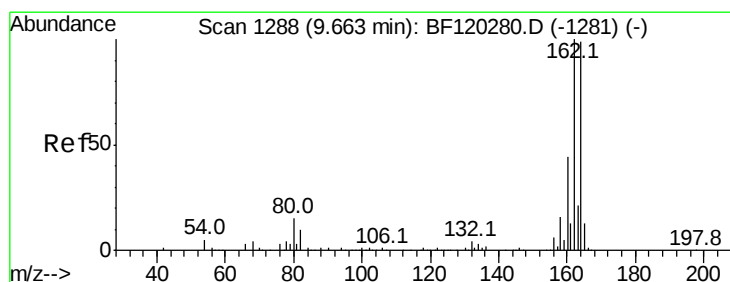
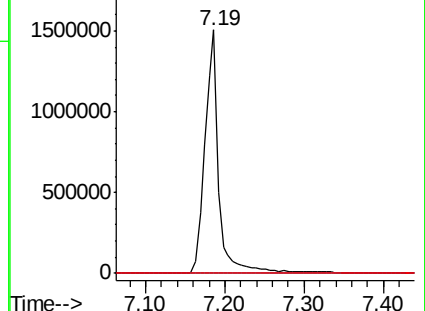
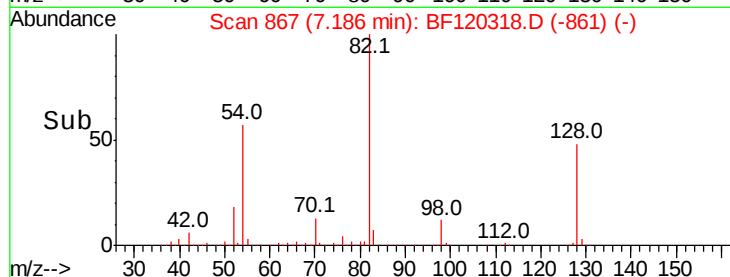
138 0.0 14.7 22.1#



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: 9.65 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BF120318.D

Acq: 15 May 2020 13:40

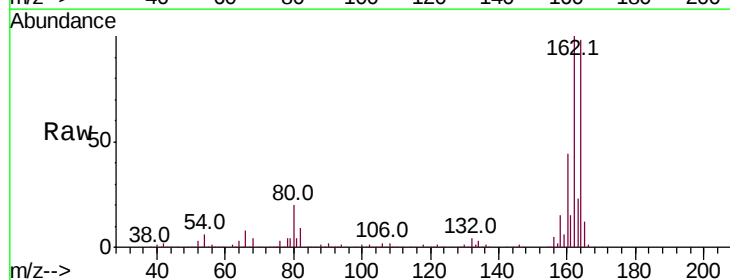
Tgt Ion:164 Resp: 727206

Ion Ratio Lower Upper

164 100

162 101.7 81.2 121.8

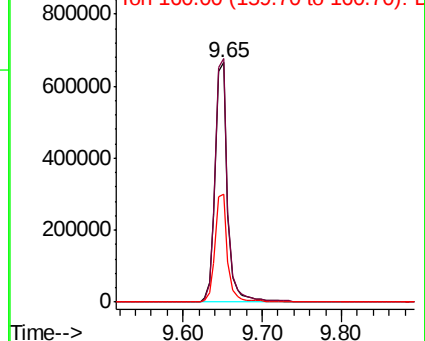
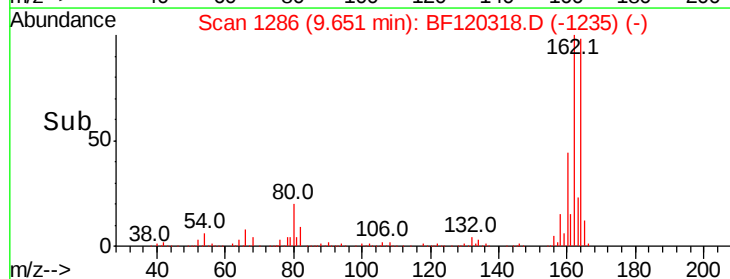
160 45.0 35.8 53.6

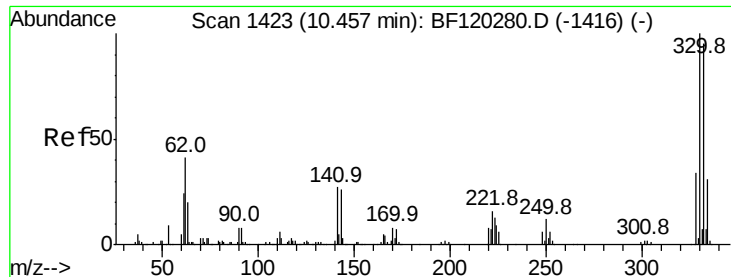


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

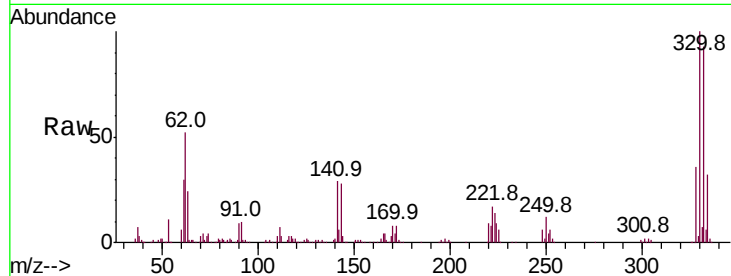




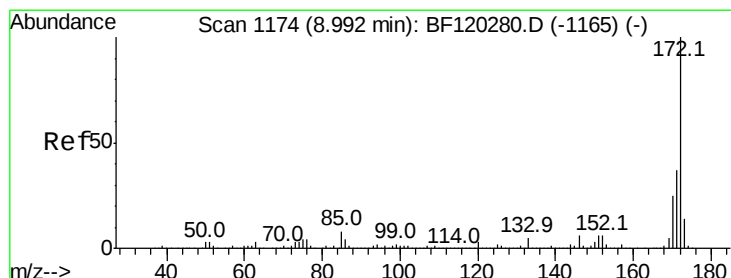
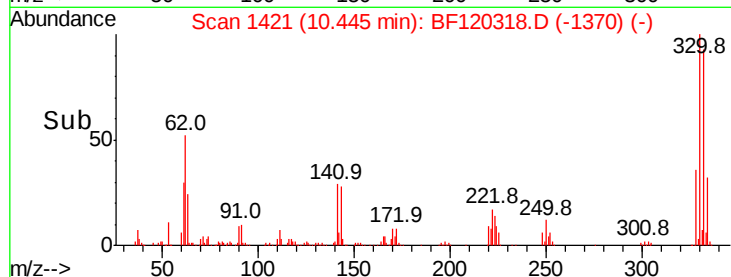
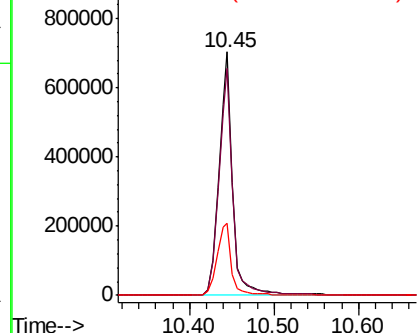
#42
 2,4,6-Tribromophenol
 Concen: 136.832 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.00 min
 Lab File: BF120318.D
 Acq: 15 May 2020 13:40

Instrument :
 BNA_F
 ClientSampleId :
 PB128905BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.5	114.7
141	32.0	25.4	38.0

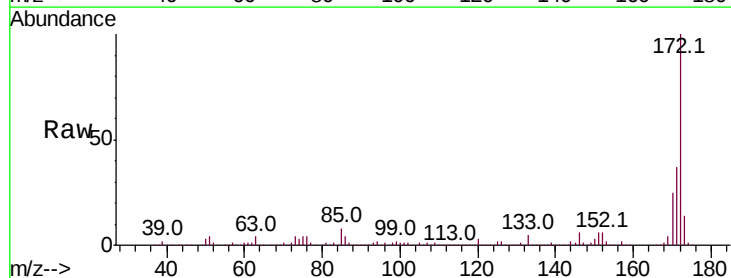


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

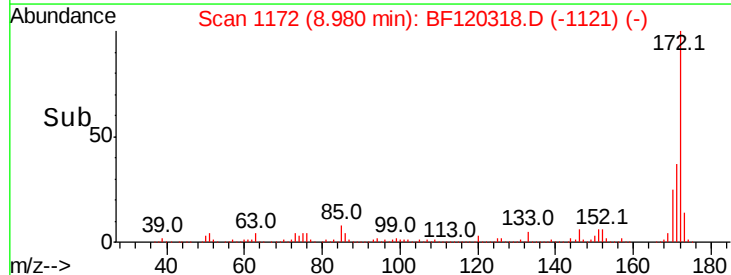
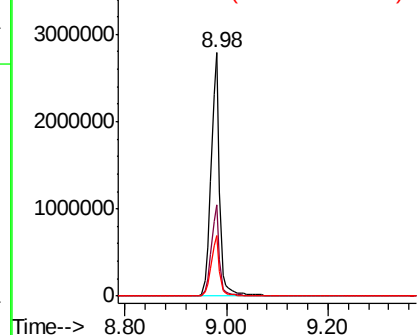


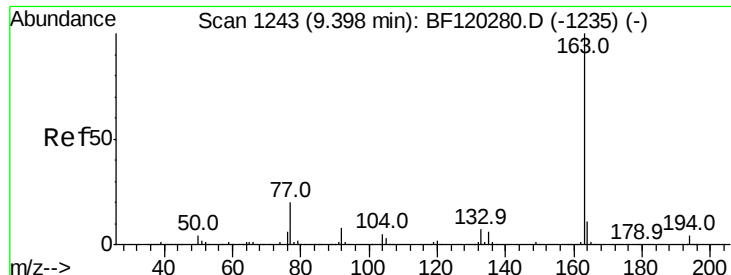
#45
 2-Fluorobiphenyl
 Concen: 93.026 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BF120318.D
 Acq: 15 May 2020 13:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	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: 3.388 ng

RT: 9.65 min Scan# 1286

Delta R.T. 0.26 min

Lab File: BF120318.D

Acq: 15 May 2020 13:40

Instrument :

BNA_F

ClientSampleId :

PB128905BL

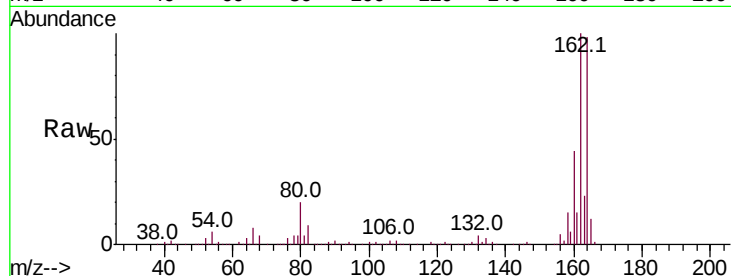
Tot Ion:163 Resp: 155745

Ion Ratio Lower Upper

163 100

194 0.0 3.1 4.7#

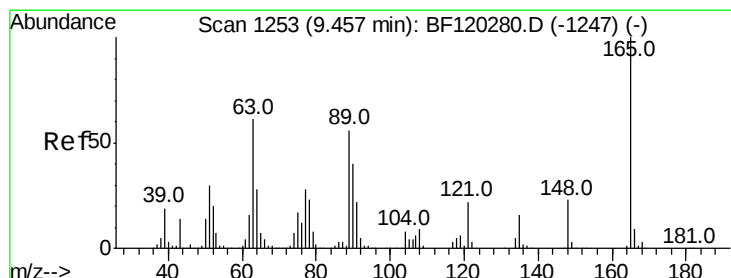
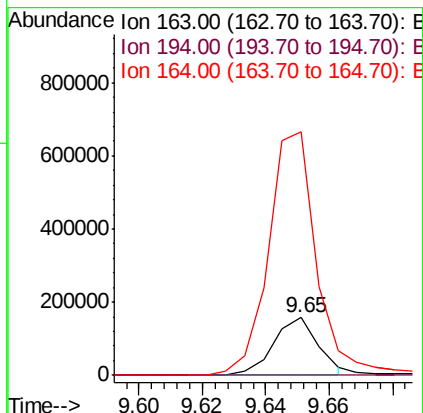
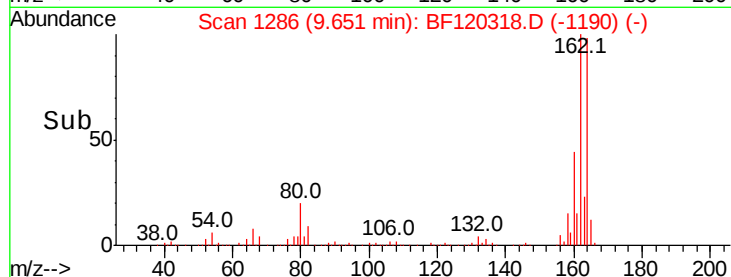
164 421.6 8.6 12.8#



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: 9.062 ng

RT: 9.65 min Scan# 1285

Delta R.T. 0.19 min

Lab File: BF120318.D

Acq: 15 May 2020 13:40

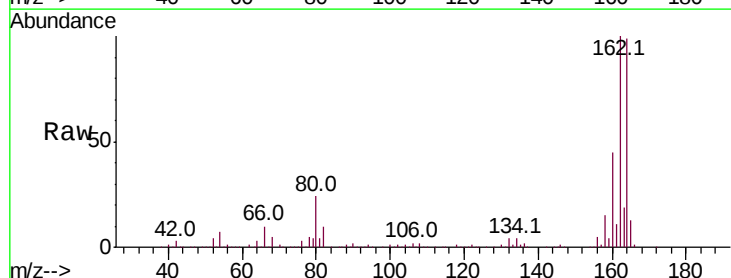
Tgt Ion:165 Resp: 92980

Ion Ratio Lower Upper

165 100

63 0.9 50.2 75.2#

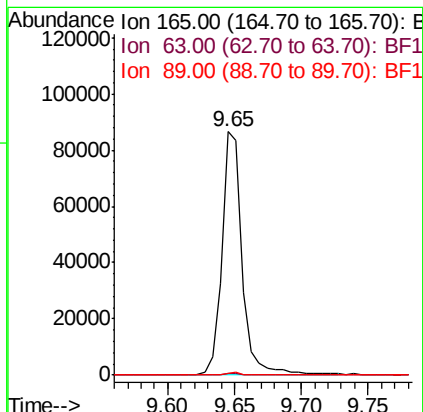
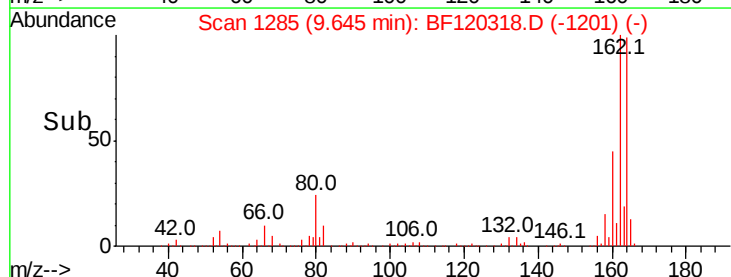
89 0.9 44.6 66.8#

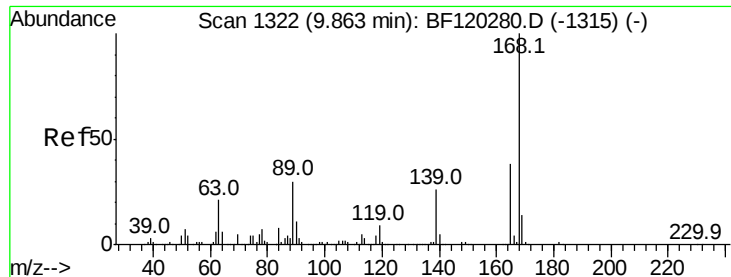


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

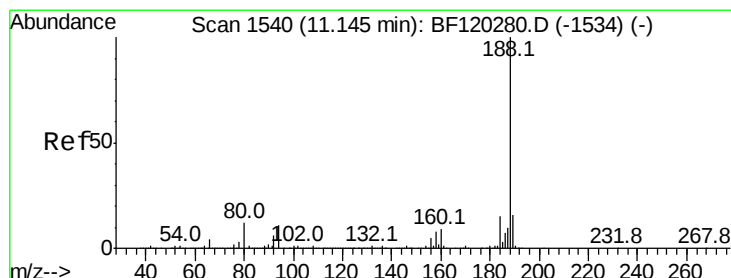
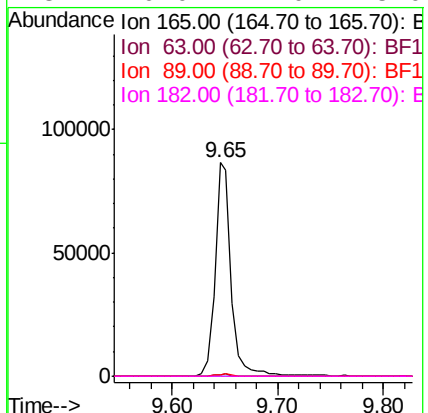
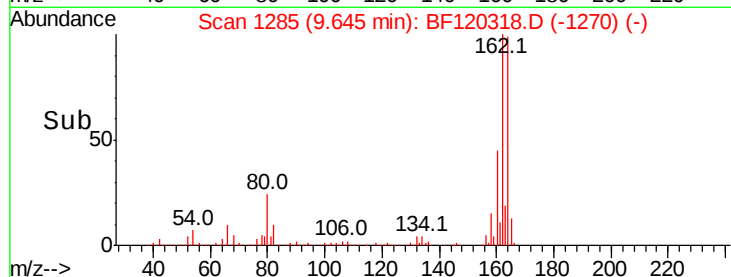
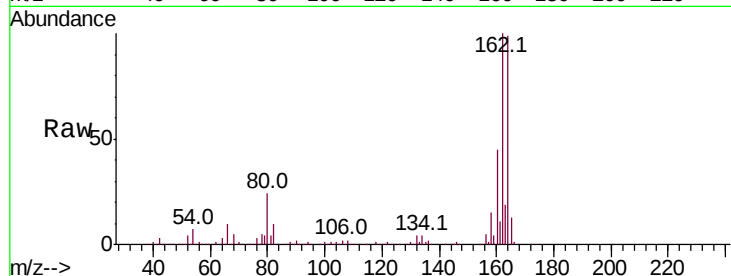




#57
 2,4-Dinitrotoluene
 Concen: 7.760 ng
 RT: 9.65 min Scan# 1285
 Delta R.T. -0.21 min
 Lab File: BF120318.D
 Acq: 15 May 2020 13:40

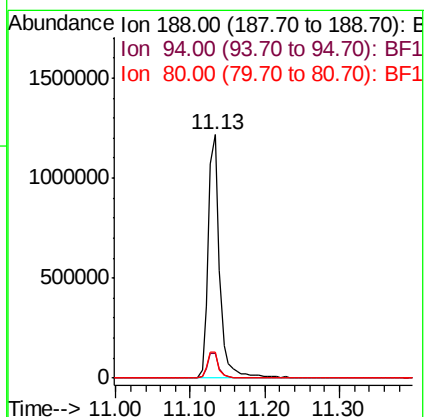
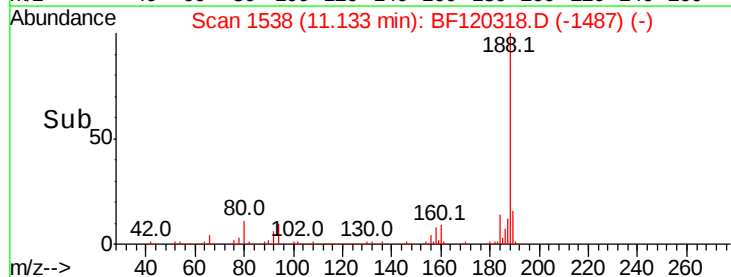
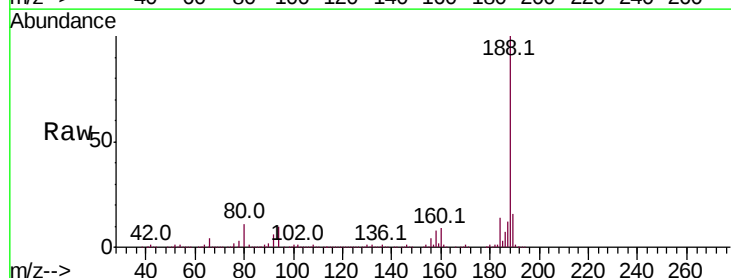
Instrument :
 BNA_F
 ClientSampleId :
 PB128905BL

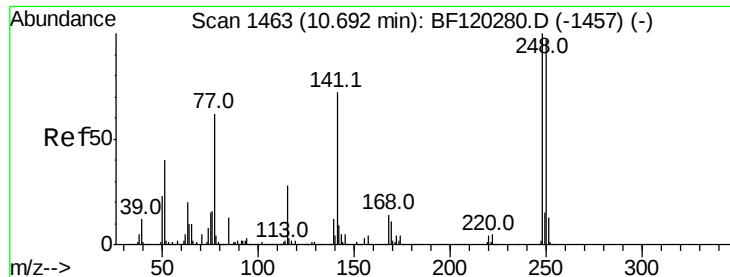
Tot Ion:165 Resp: 93391
 Ion Ratio Lower Upper
 165 100
 63 0.9 51.8 77.8#
 89 0.9 64.2 96.4#
 182 0.0 2.0 3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.13 min Scan# 1538
 Delta R.T. -0.00 min
 Lab File: BF120318.D
 Acq: 15 May 2020 13:40

Tgt Ion:188 Resp: 1312696
 Ion Ratio Lower Upper
 188 100
 94 10.2 8.6 13.0
 80 10.7 9.2 13.8

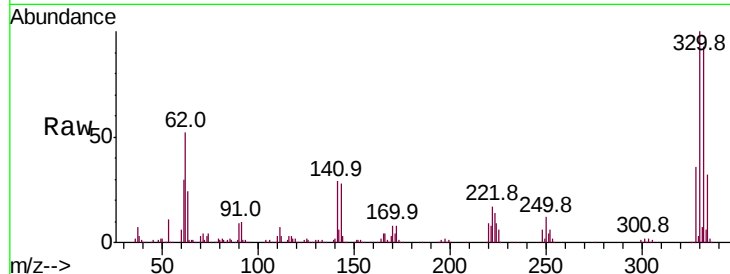




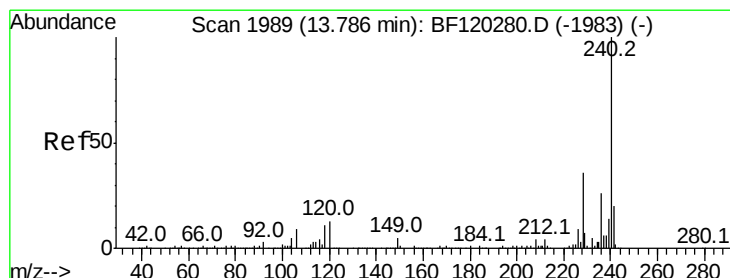
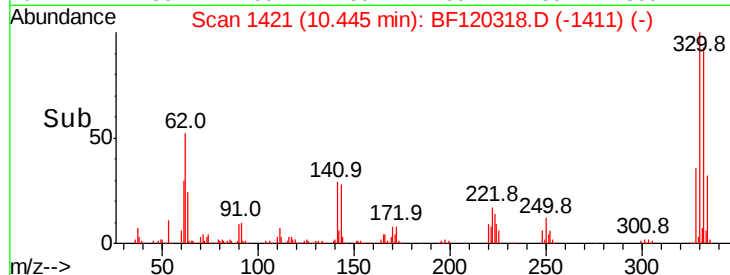
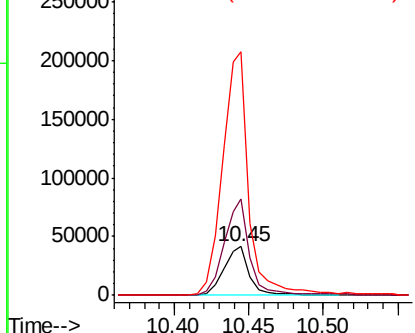
#67
4-Bromophenyl-phenylether
Concen: 3.946 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.24 min
Lab File: BF120318.D
Acq: 15 May 2020 13:40

Instrument :
BNA_F
ClientSampled :
PB128905BL

Tot Ion:248 Resp: 50261
Ion Ratio Lower Upper
248 100
250 196.6 77.8 116.6#
141 499.5 57.7 86.5#

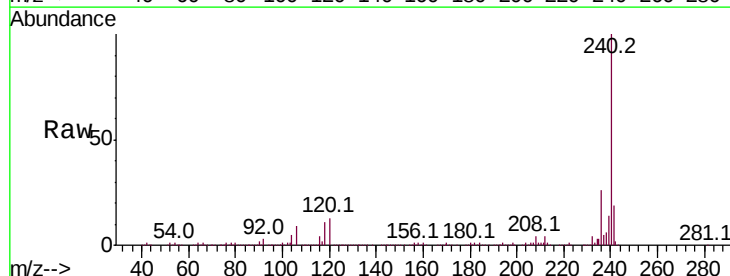


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

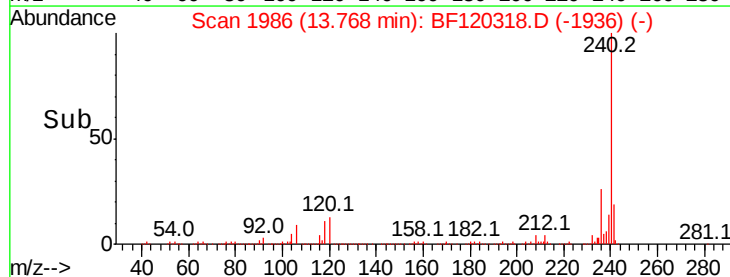
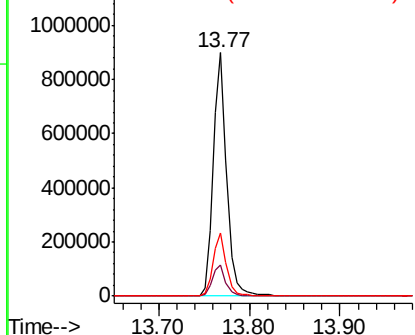


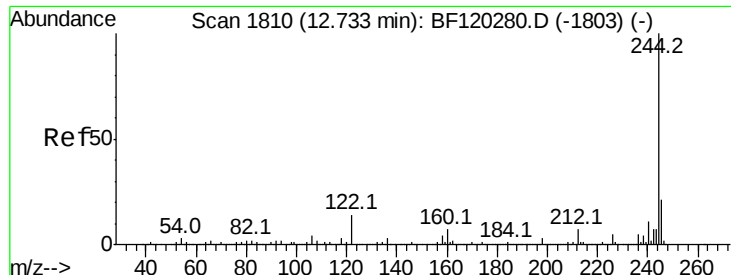
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.77 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BF120318.D
Acq: 15 May 2020 13:40

Tgt Ion:240 Resp: 931089
Ion Ratio Lower Upper
240 100
120 12.7 10.4 15.6
236 26.0 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: 95.175 ng

RT: 12.73 min Scan# 1809

Delta R.T. 0.01 min

Lab File: BF120318.D

Acq: 15 May 2020 13:40

Instrument :

BNA_F

ClientSampleId :

PB128905BL

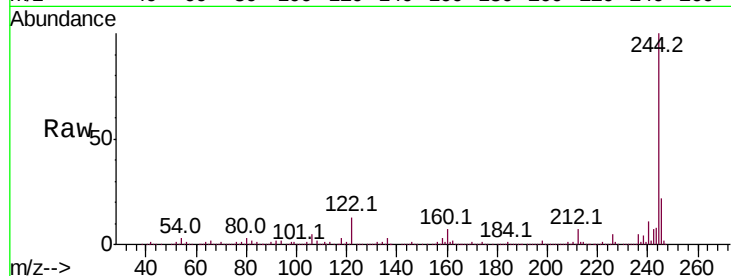
Tot Ion:244 Resp: 4011228

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

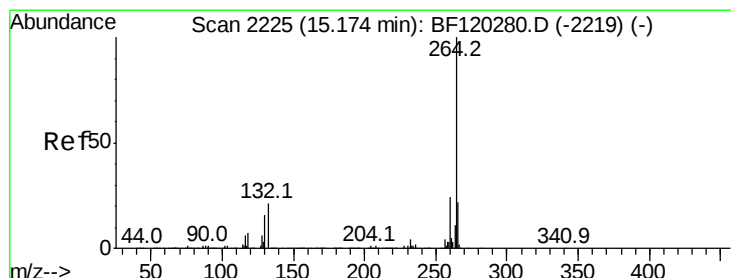
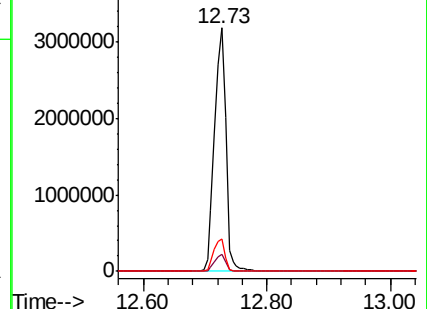
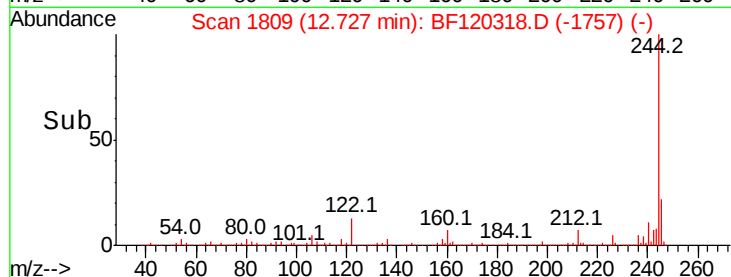
122 13.3 10.8 16.2



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

Perylene-d12

Concen: 20.000 ng

RT: 15.16 min Scan# 2222

Delta R.T. -0.01 min

Lab File: BF120318.D

Acq: 15 May 2020 13:40

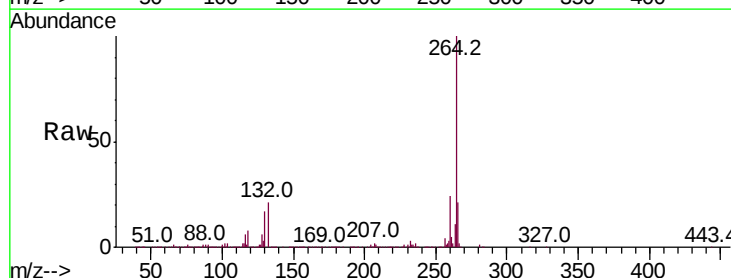
Tgt Ion:264 Resp: 728553

Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.6

265 21.3 17.5 26.3



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

