

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 14:35:45 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

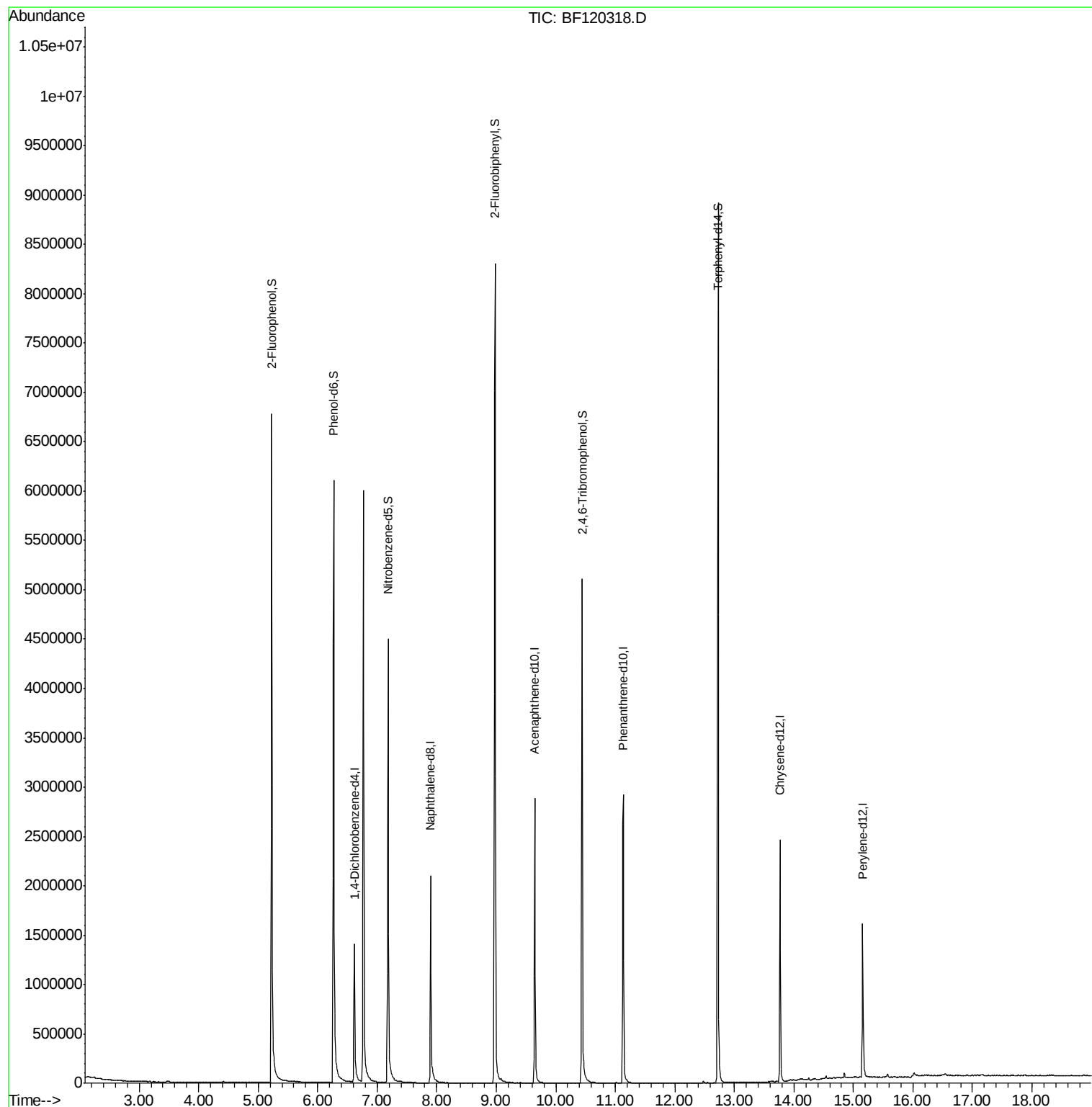
Target Compounds Qvalue

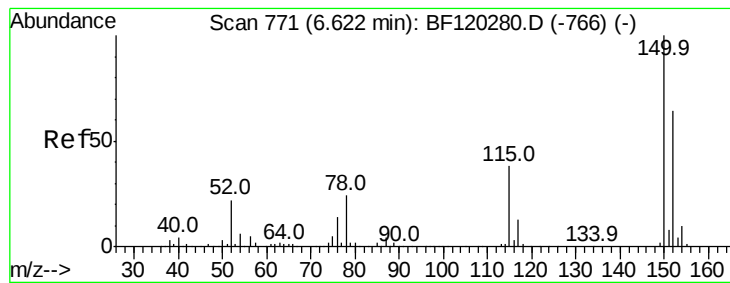
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 15 12:31:31 2020
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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

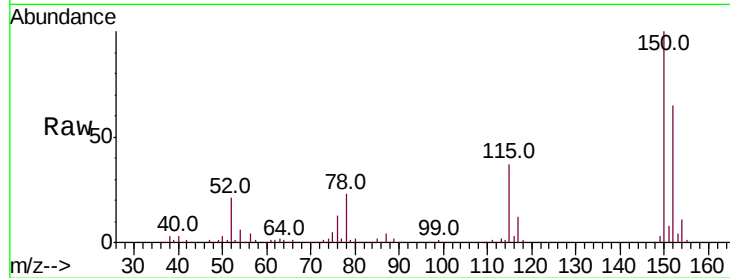
Tot Ion:152 Resp: 315376

Ion Ratio Lower Upper

152 100

150 153.1 126.2 189.2

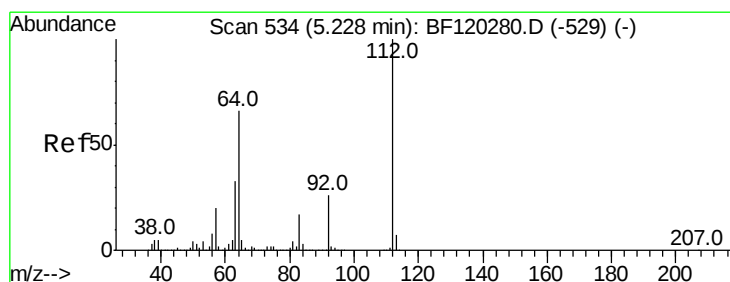
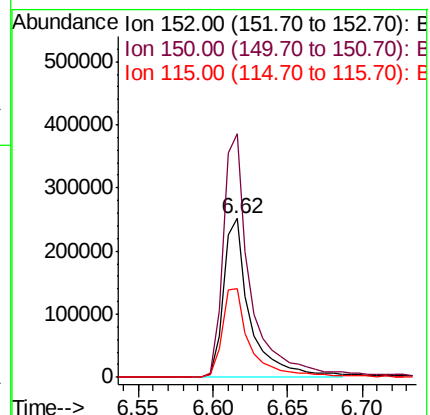
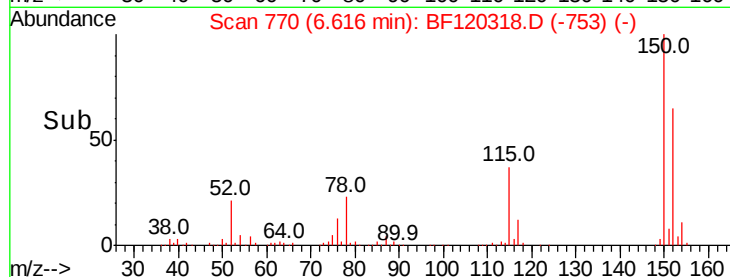
115 56.2 47.9 71.9



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

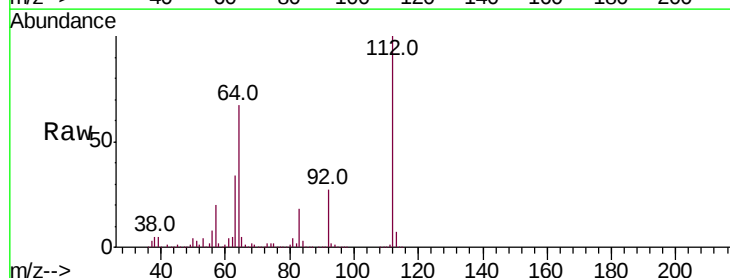
Tgt Ion:112 Resp: 2272132

Ion Ratio Lower Upper

112 100

64 67.0 52.7 79.1

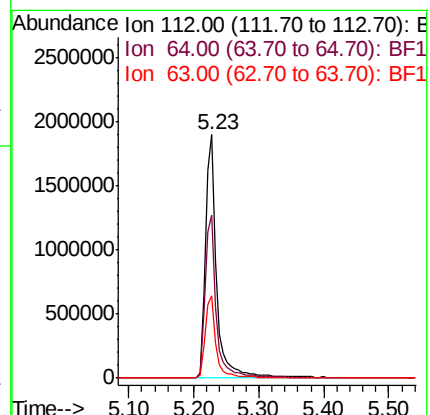
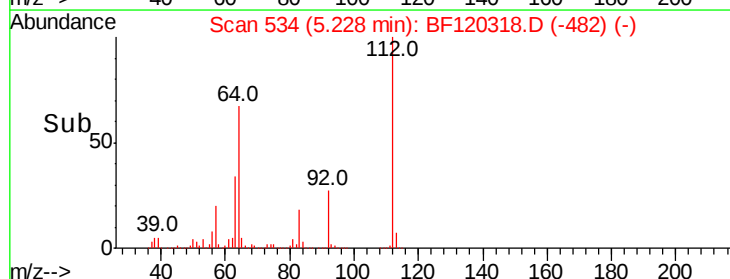
63 34.0 26.2 39.4

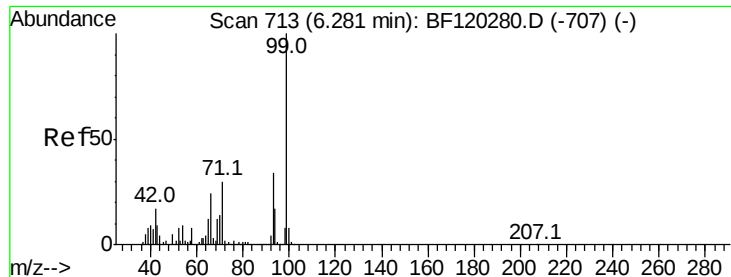


Abundance Ion 112.00 (111.70 to 112.70): E

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 :

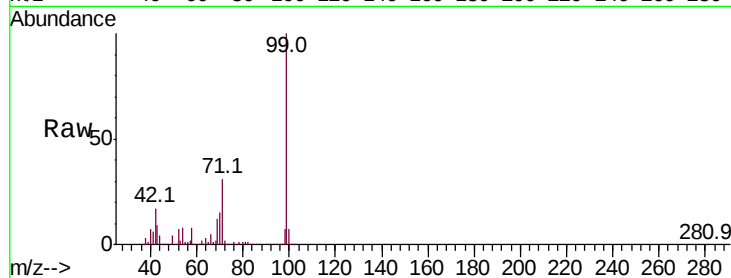
BNA_F

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

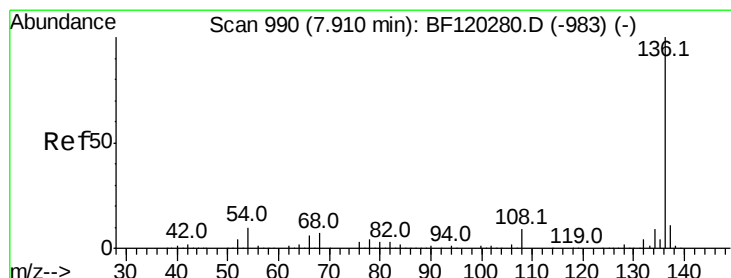
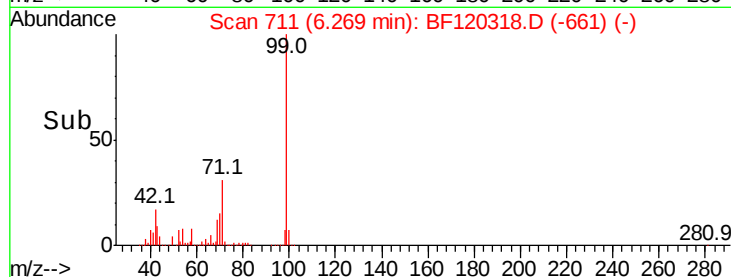
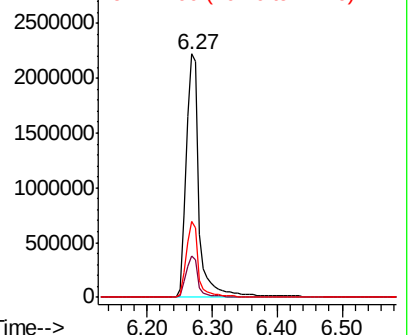


Abundance

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



#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

Tgt 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

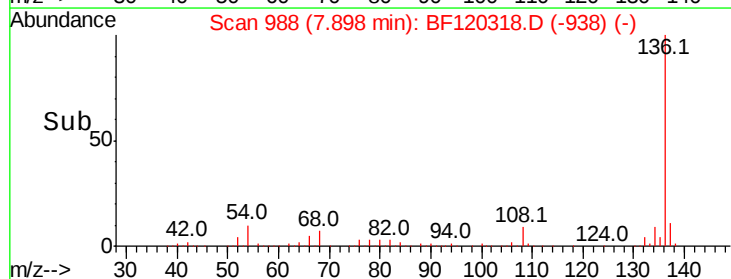
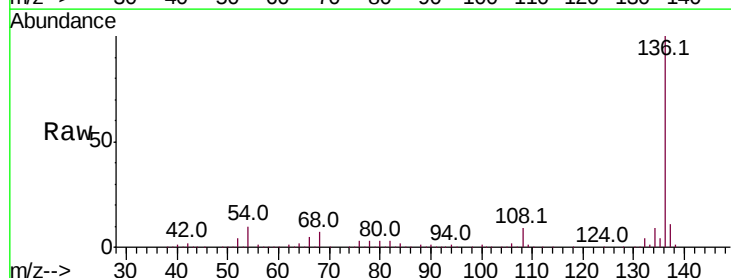
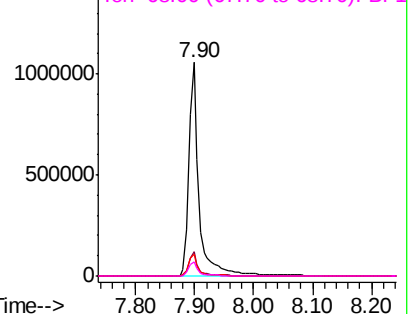
Abundance

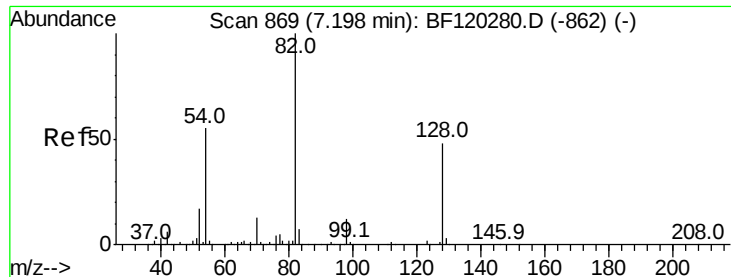
Ion 136.00 (135.70 to 136.70): E

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



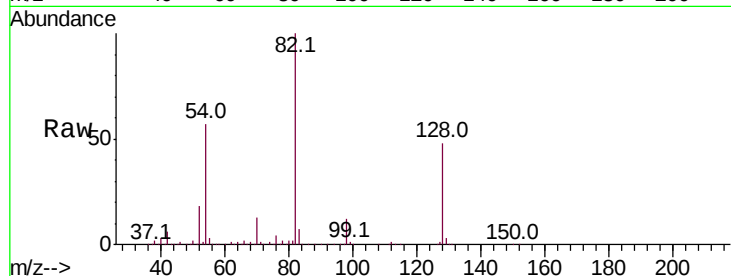


#23
 Nitrobenzene-d5
 Concen: 100.309 ng
 RT: 7.19 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: BF120318.D
 Acq: 15 May 2020 13:40

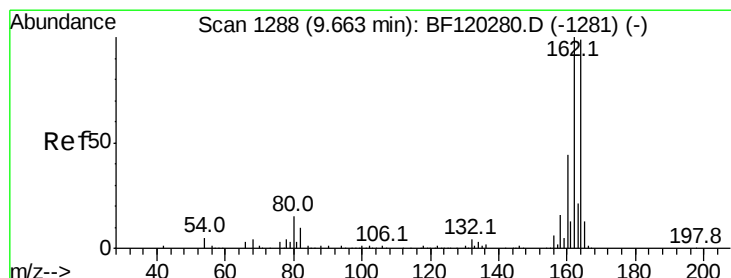
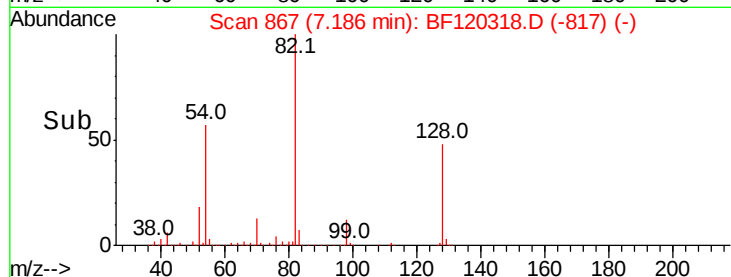
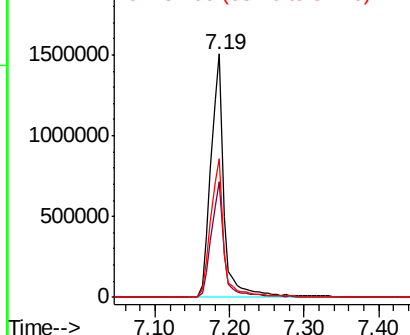
Instrument :
 BNA_F
 ClientSampleId :
 PB128905BL

Tot Ion: 82 Resp: 1860808

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



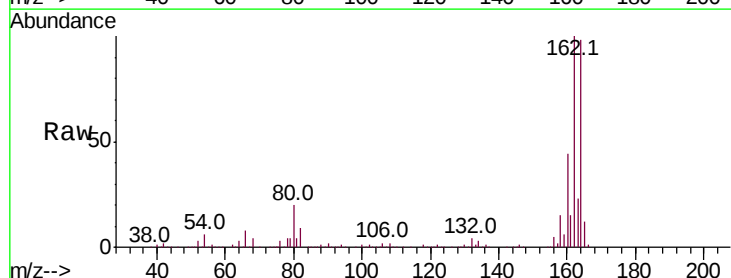
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



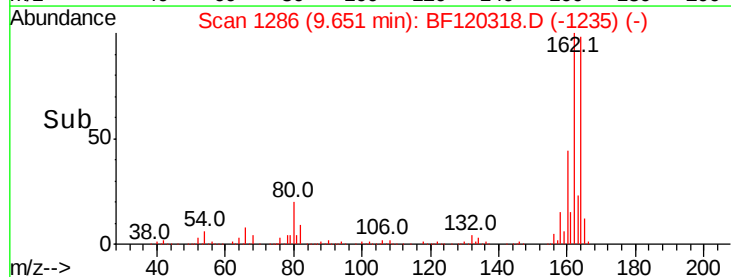
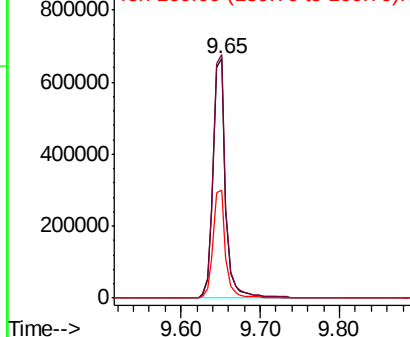
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.65 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: BF120318.D
 Acq: 15 May 2020 13:40

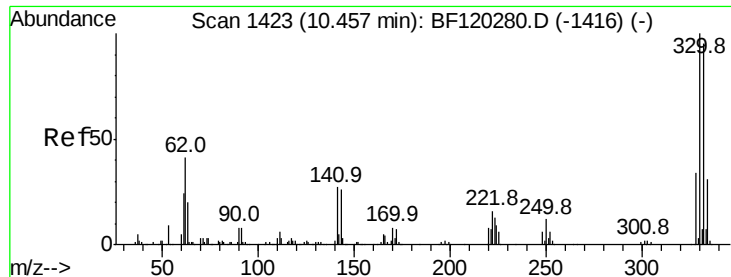
Tgt Ion:164 Resp: 727206

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): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

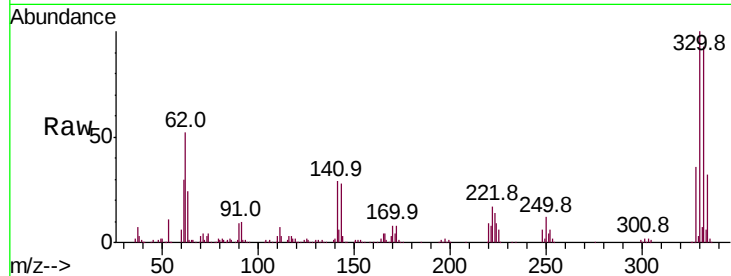




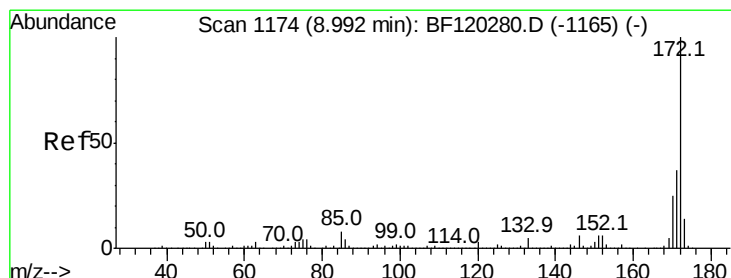
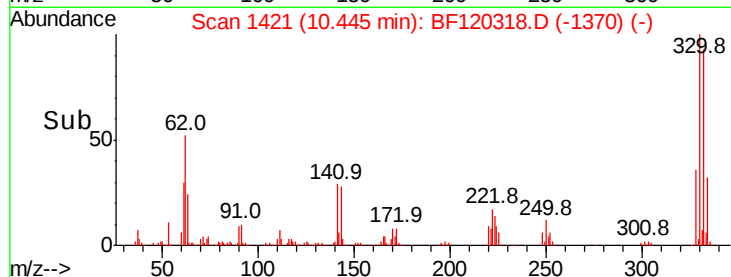
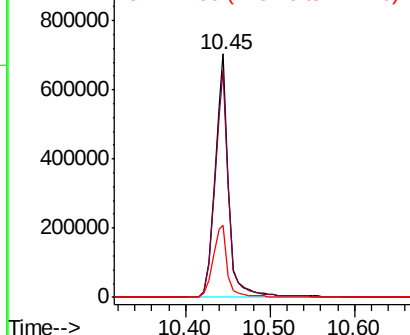
#42
 2,4,6-Tribromophenol
 Concen: 136.832 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.00 min
 Lab File: BF120318.D
 Acq: 15 May 2020 13:40

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

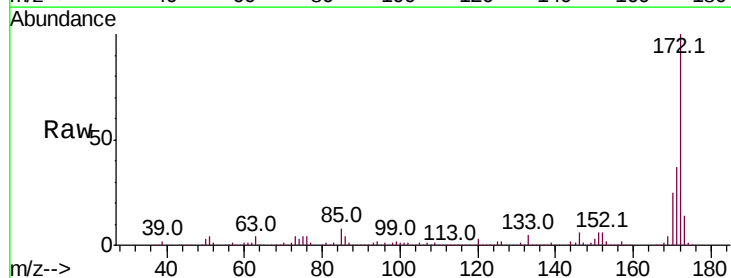


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

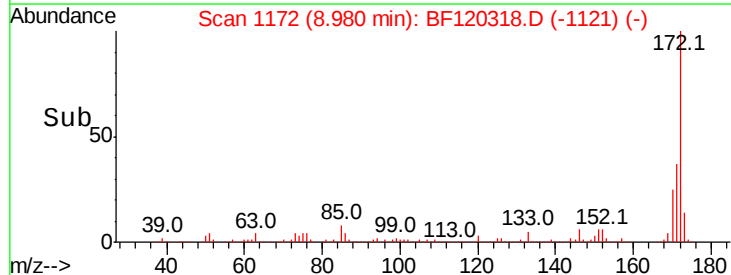
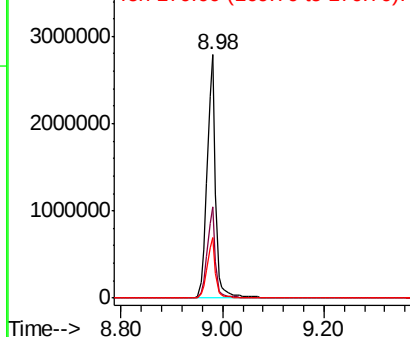


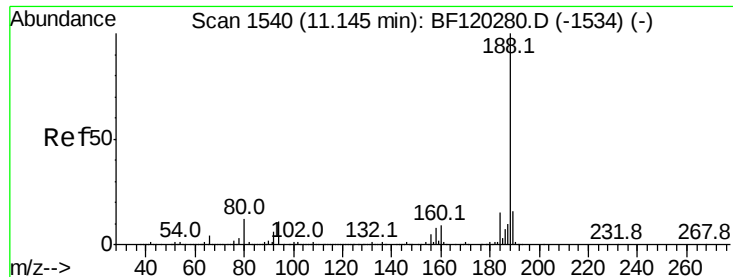
#45
 2-Fluorobiphenyl
 Concen: 93.026 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BF120318.D
 Acq: 15 May 2020 13:40

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





#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

Instrument :

BNA_F

ClientSampleId :

PB128905BL

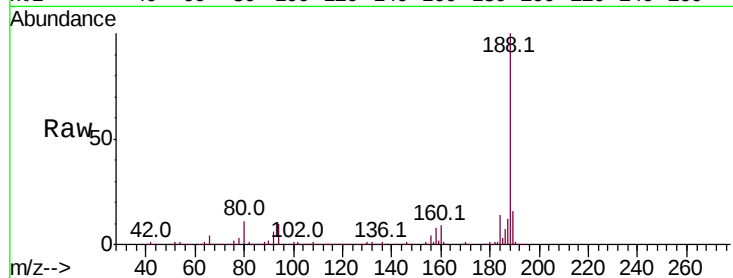
Tot Ion:188 Resp: 1312696

Ion Ratio Lower Upper

188 100

94 10.2 8.6 13.0

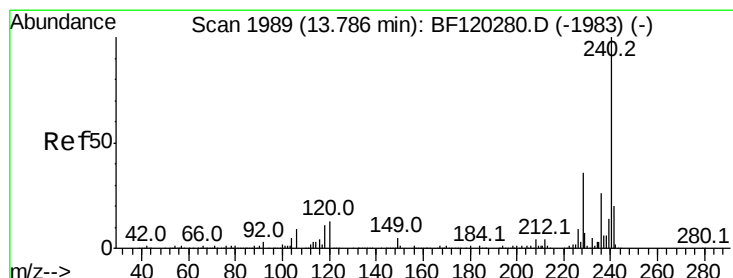
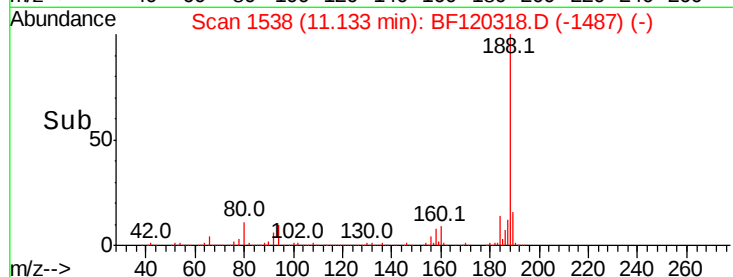
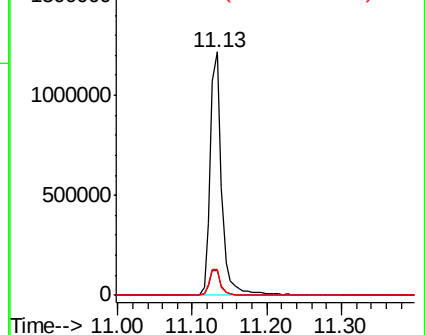
80 10.7 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#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

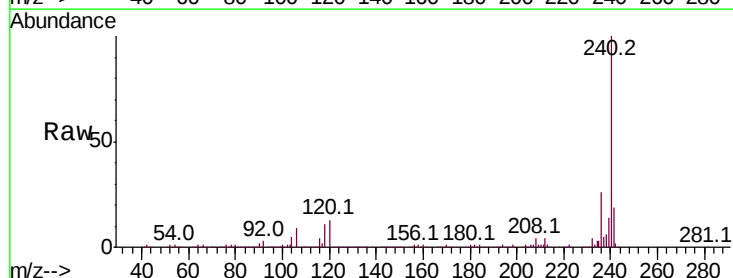
Tgt Ion:240 Resp: 931089

Ion Ratio Lower Upper

240 100

120 12.7 10.4 15.6

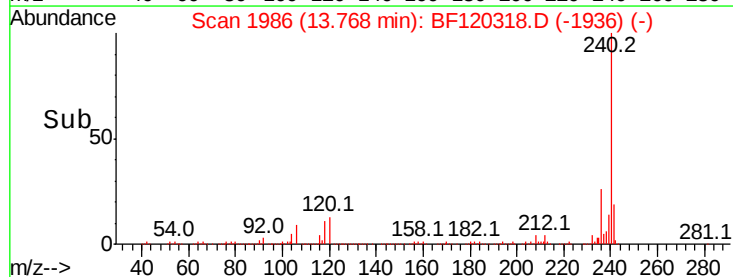
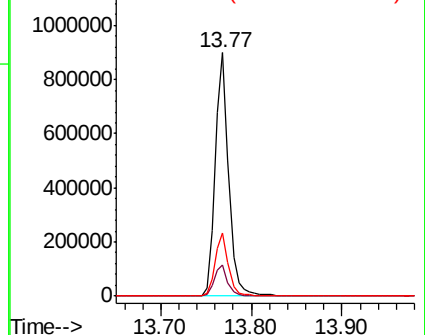
236 26.0 21.0 31.6

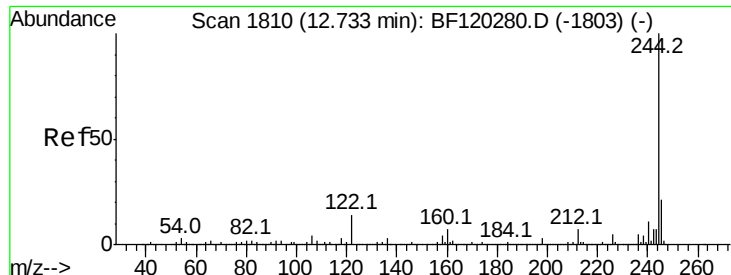


Abundance Ion 240.00 (239.70 to 240.70): E

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

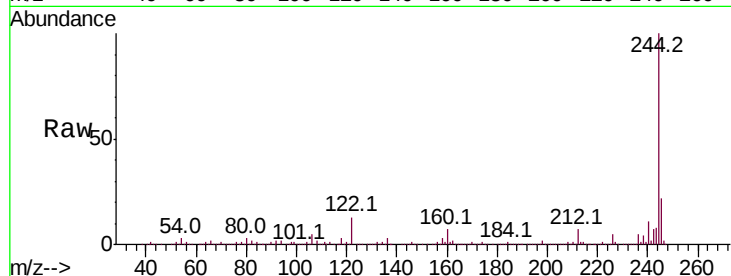
Tot Ion:244 Resp: 4011228

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

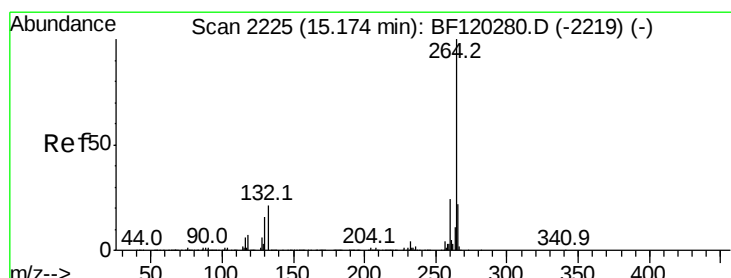
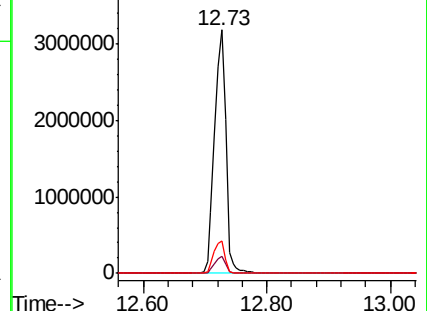
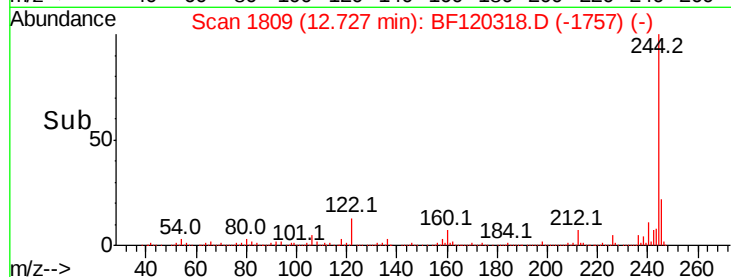
122 13.3 10.8 16.2



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

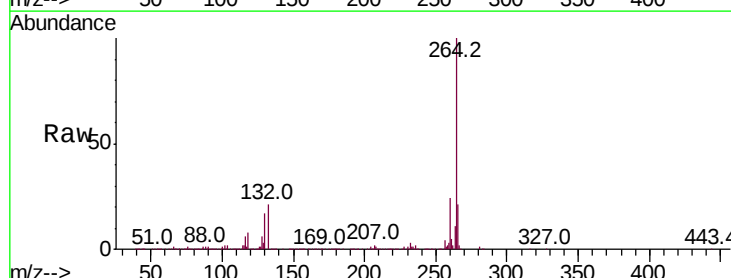
Tgt Ion:264 Resp: 728553

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

