

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051520\
 Data File : BF120320.D
 Acq On : 15 May 2020 14:35
 Operator : MA/SJ
 Sample : L2646-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-B-D

Quant Time: May 15 16:09:18 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

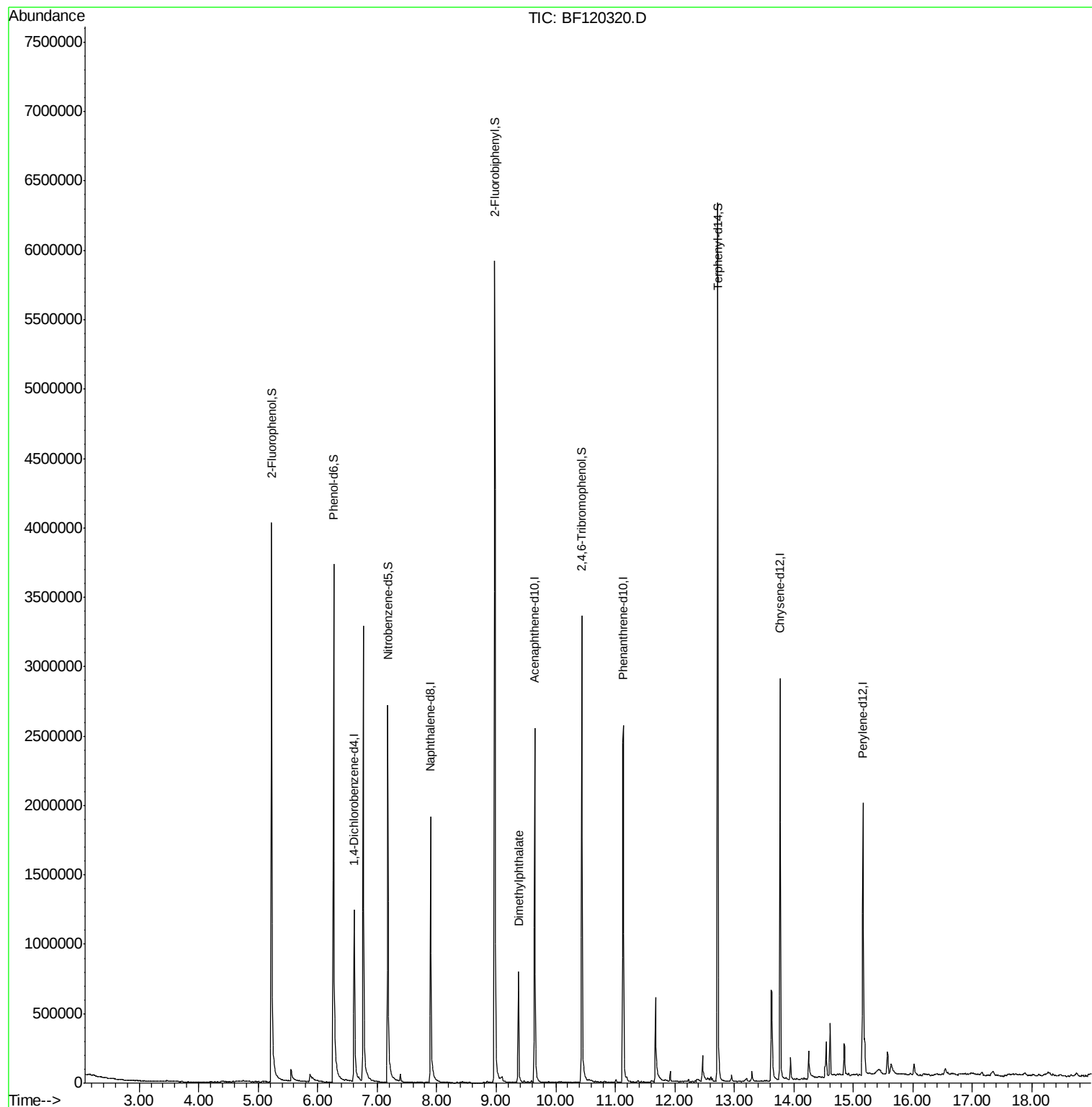
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	270142	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1144985	20.00	ng	0.00
39) Acenaphthene-d10	9.65	164	623039	20.00	ng	0.00
64) Phenanthrene-d10	11.13	188	1196276	20.00	ng	0.00
76) Chrysene-d12	13.77	240	1059483	20.00	ng	0.00
87) Perylene-d12	15.16	264	913213	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1313333	94.59	ng	0.00
7) Phenol-d6	6.27	99	1743547	99.30	ng	0.00
23) Nitrobenzene-d5	7.18	82	1064982	63.68	ng	-0.01
42) 2,4,6-Tribromophenol	10.44	330	464563	91.45	ng	0.00
45) 2-Fluorobiphenyl	8.97	172	2201737	72.60	ng	0.00
79) Terphenyl-d14	12.72	244	2554350	53.26	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.37	163	368383	9.353	ng	Qvalue 98

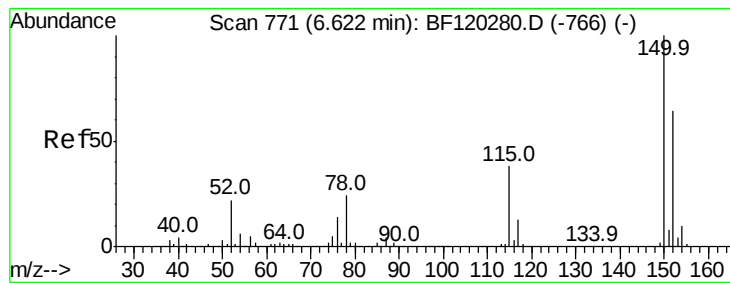
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF120320.D

Acq: 15 May 2020 14:35

Instrument :

BNA_F

ClientSampleId :

TP-B-D

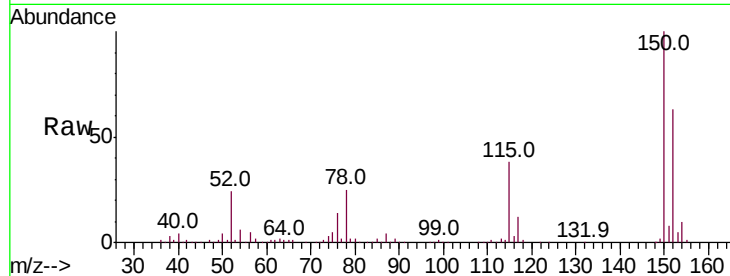
Tot Ion:152 Resp: 270142

Ion Ratio Lower Upper

152 100

150 158.4 126.2 189.2

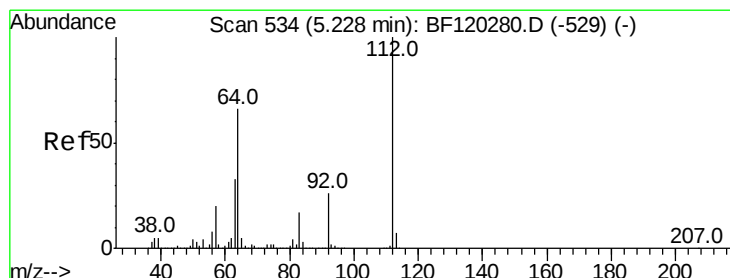
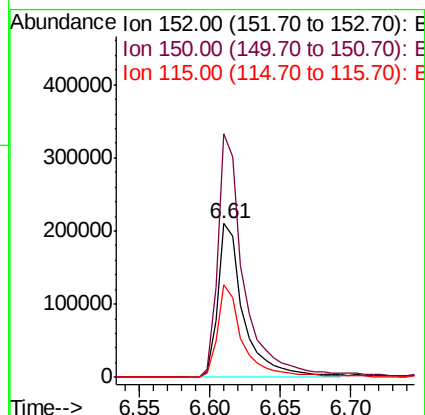
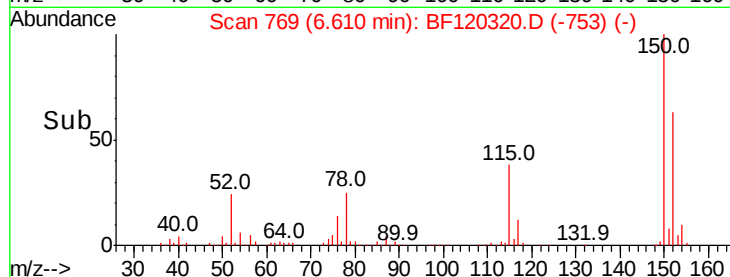
115 59.9 47.9 71.9



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: 94.593 ng

RT: 5.22 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF120320.D

Acq: 15 May 2020 14:35

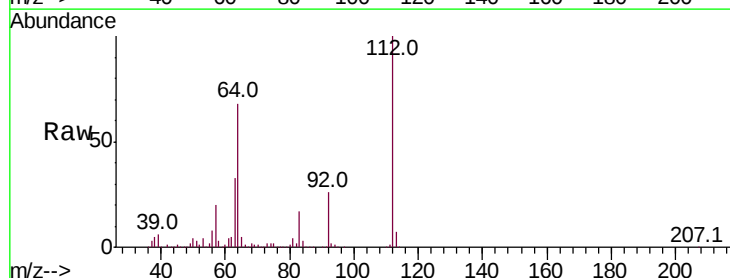
Tgt Ion:112 Resp: 1313333

Ion Ratio Lower Upper

112 100

64 68.1 52.7 79.1

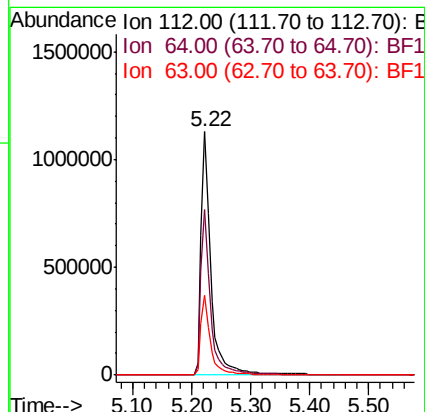
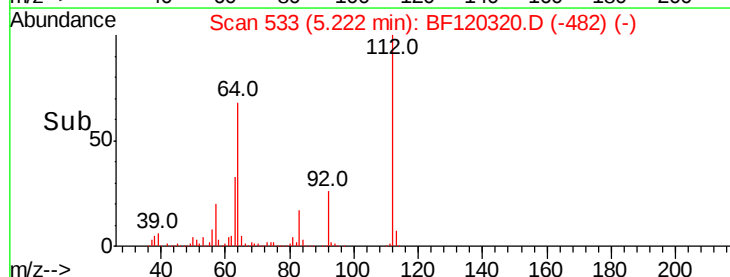
63 33.0 26.2 39.4

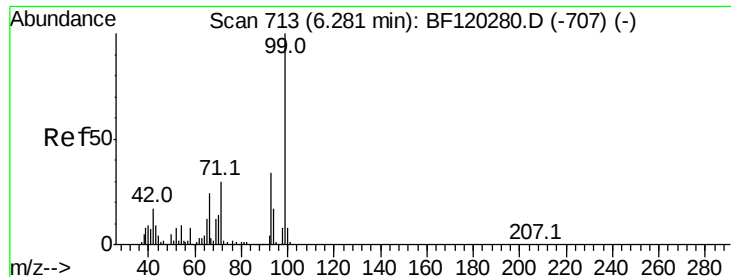


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 99.304 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF120320.D

Acq: 15 May 2020 14:35

Instrument :

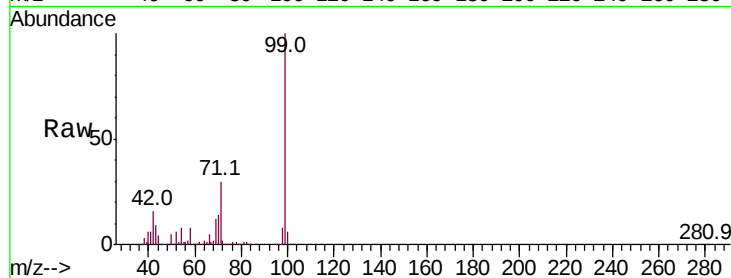
BNA_F

ClientSampleId :

TP-B-D

Tot Ion: 99 Resp: 1743547

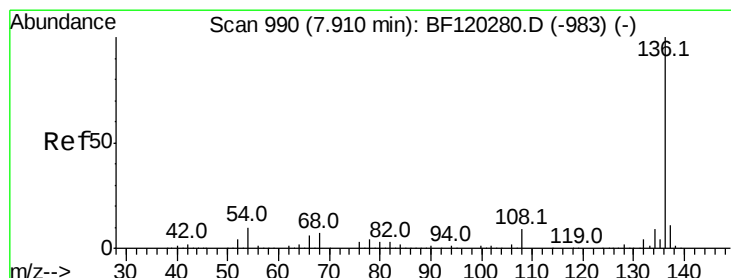
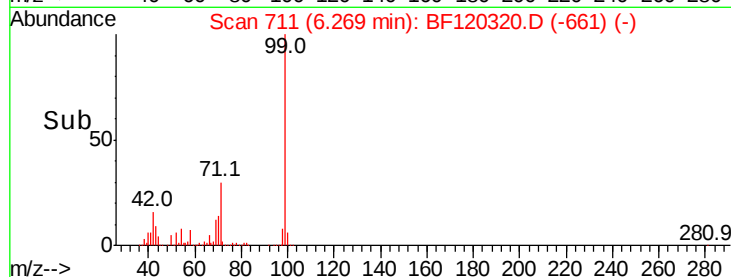
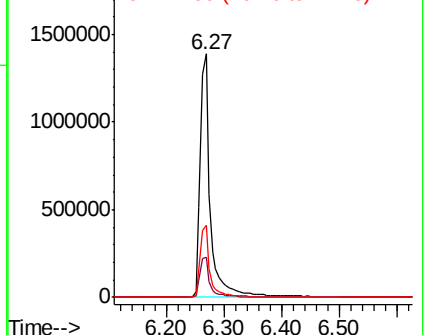
Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.6	20.4
71	29.6	24.2	36.4



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: BF120320.D

Acq: 15 May 2020 14:35

Tgt Ion: 136 Resp: 1144985

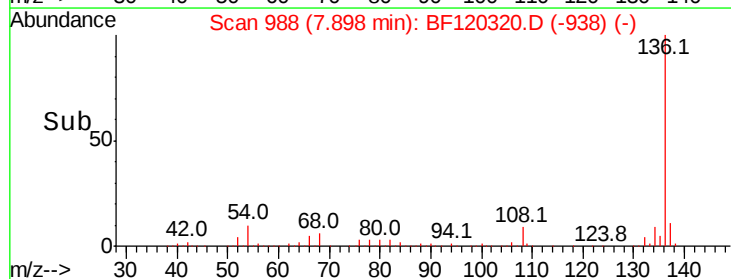
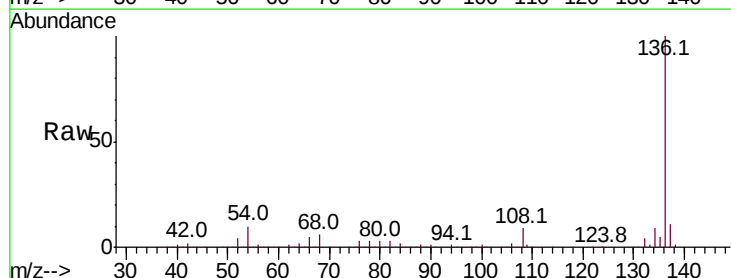
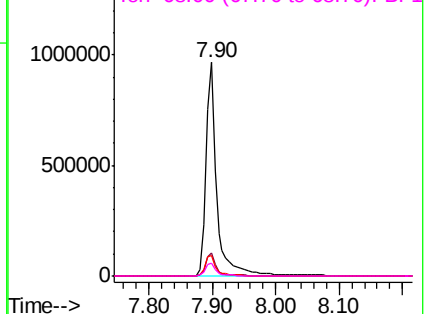
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	9.6	7.9	11.9
68	6.2	5.4	8.2

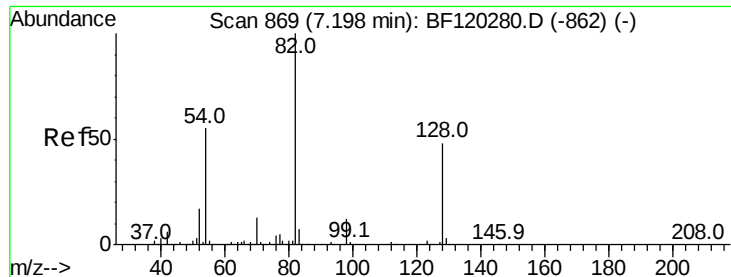
Abundance Ion 136.00 (135.70 to 136.70): E

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

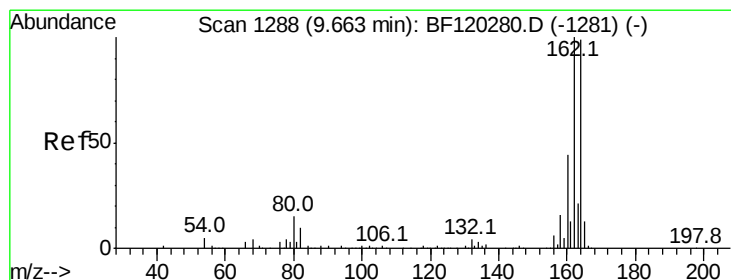
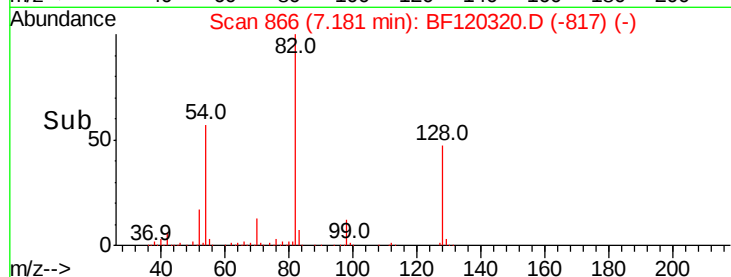
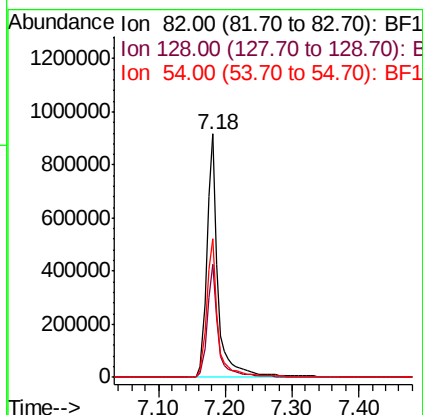
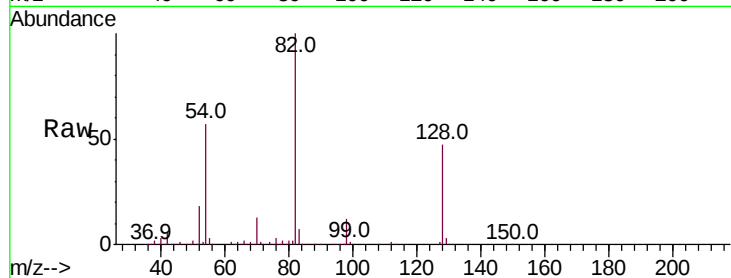




#23
 Nitrobenzene-d5
 Concen: 63.683 ng
 RT: 7.18 min Scan# 866
 Delta R.T. -0.01 min
 Lab File: BF120320.D
 Acq: 15 May 2020 14:35

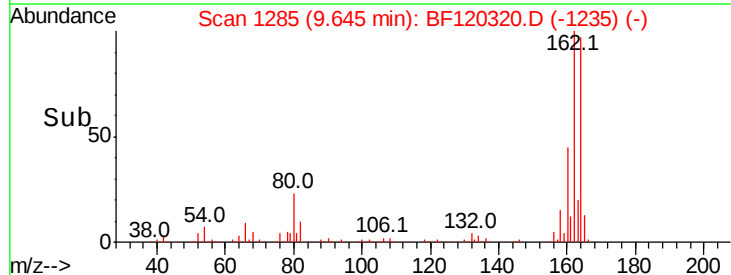
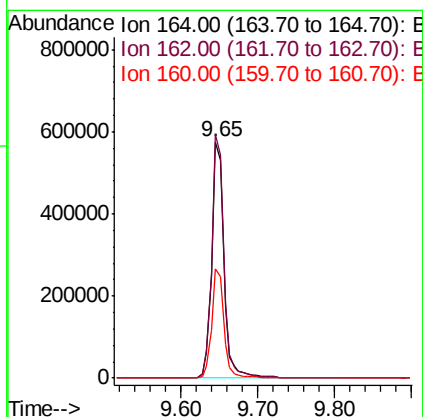
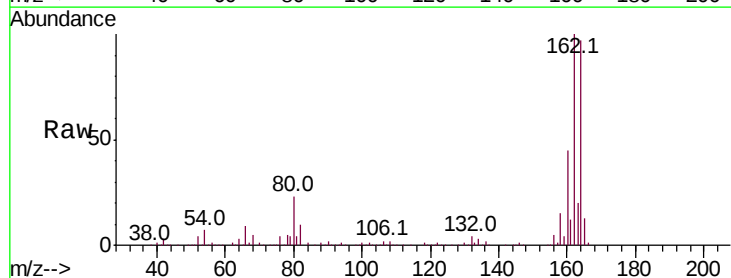
Instrument :
 BNA_F
 ClientSampleId :
 TP-B-D

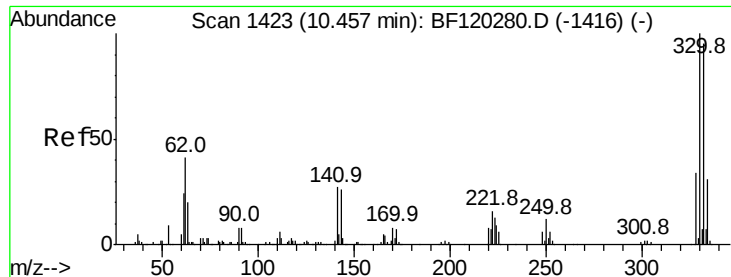
Tot Ion: 82 Resp: 1064982
 Ion Ratio Lower Upper
 82 100
 128 46.6 38.3 57.5
 54 57.0 43.9 65.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.65 min Scan# 1285
 Delta R.T. -0.01 min
 Lab File: BF120320.D
 Acq: 15 May 2020 14:35

Tgt Ion: 164 Resp: 623039
 Ion Ratio Lower Upper
 164 100
 162 103.1 81.2 121.8
 160 46.3 35.8 53.6

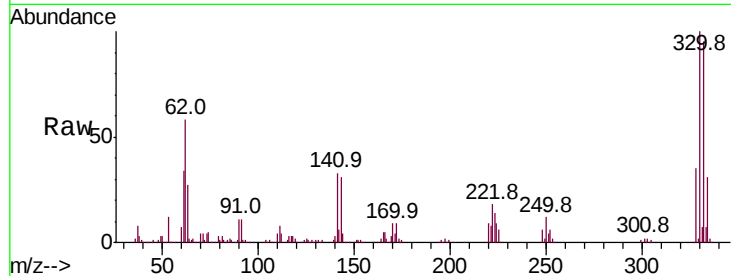




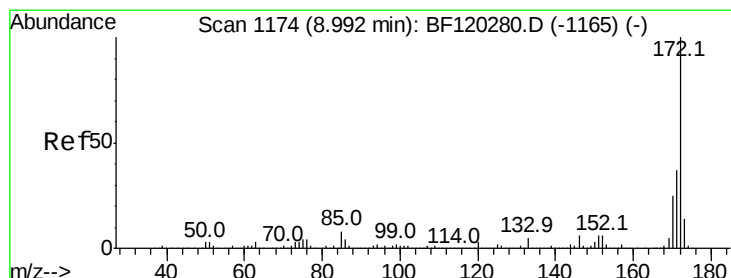
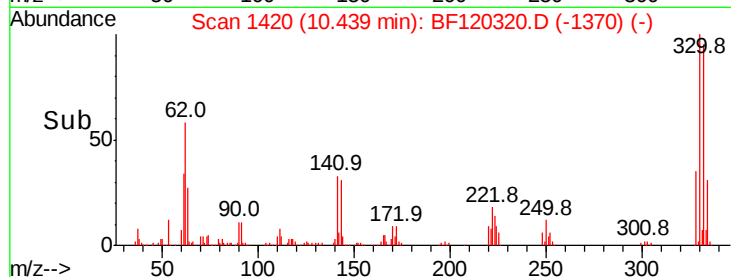
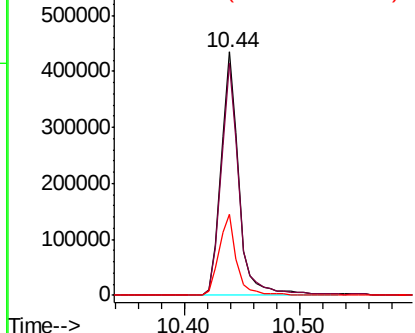
#42
 2,4,6-Tribromophenol
 Concen: 91.451 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. -0.01 min
 Lab File: BF120320.D
 Acq: 15 May 2020 14:35

Instrument :
 BNA_F
 ClientSampled :
 TP-B-D

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.5	114.7
141	33.3	25.4	38.0

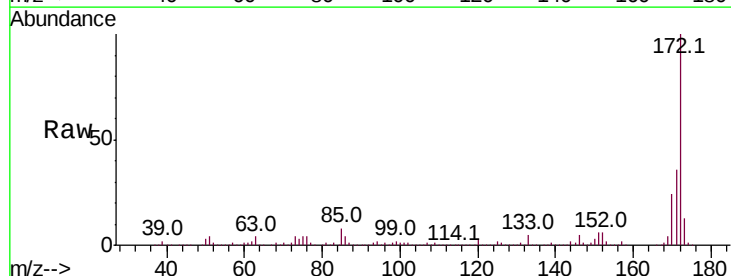


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

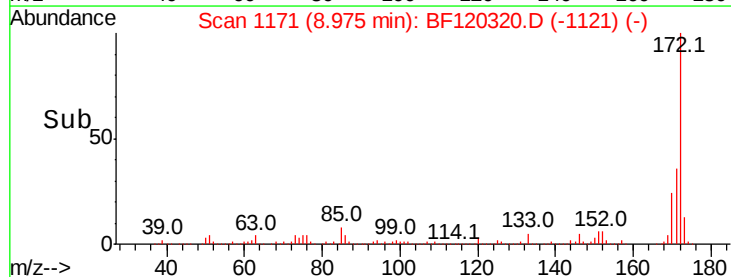
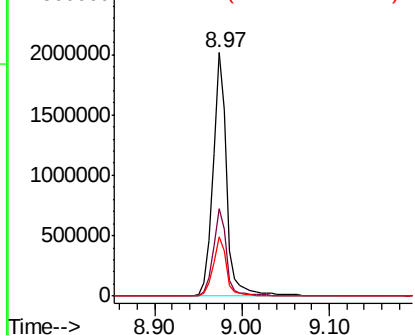


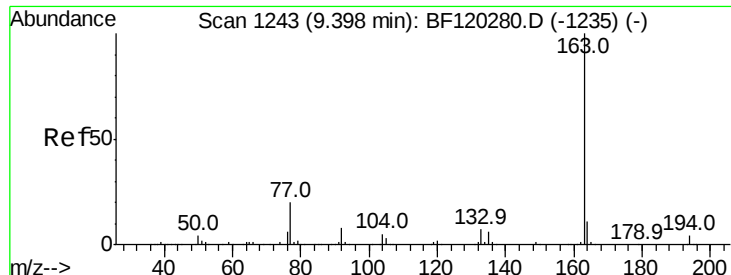
#45
 2-Fluorobiphenyl
 Concen: 72.602 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.01 min
 Lab File: BF120320.D
 Acq: 15 May 2020 14:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.1	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

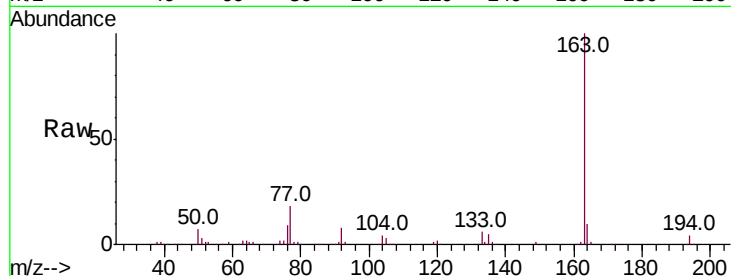




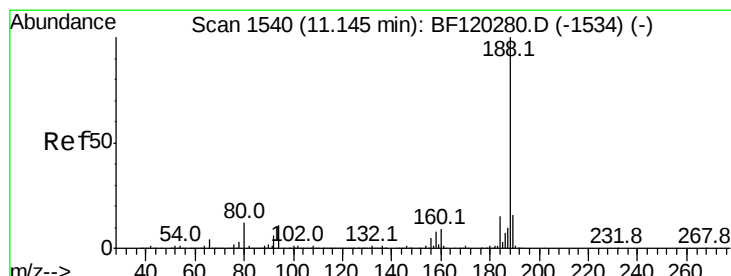
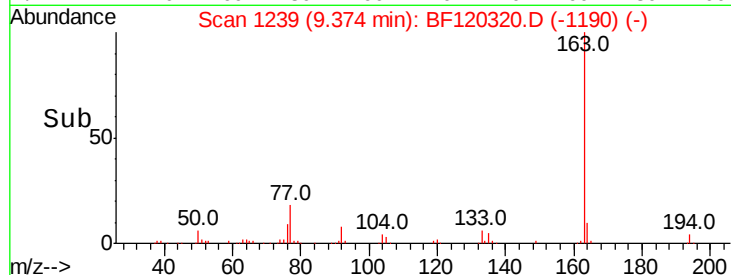
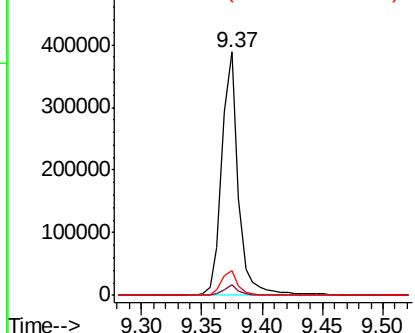
#50
Dimethylphthalate
Concen: 9.353 ng
RT: 9.37 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BF120320.D
Acq: 15 May 2020 14:35

Instrument :
BNA_F
ClientSampleId :
TP-B-D

Tot Ion:163 Resp: 368383
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.0 8.6 12.8

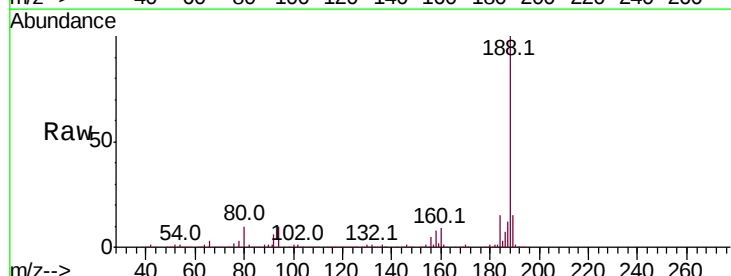


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

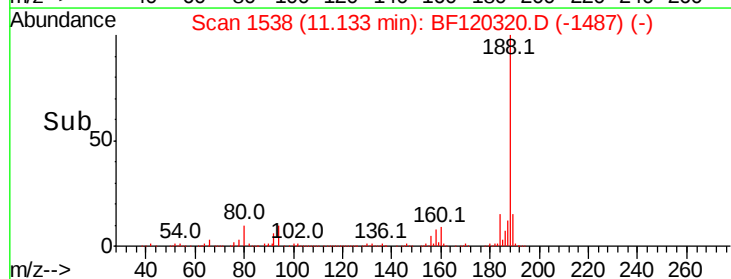
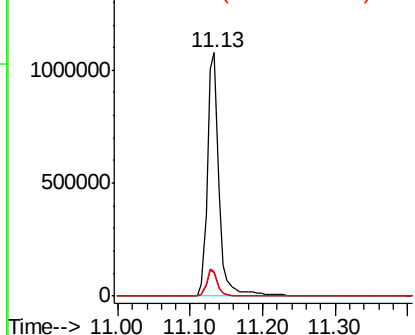


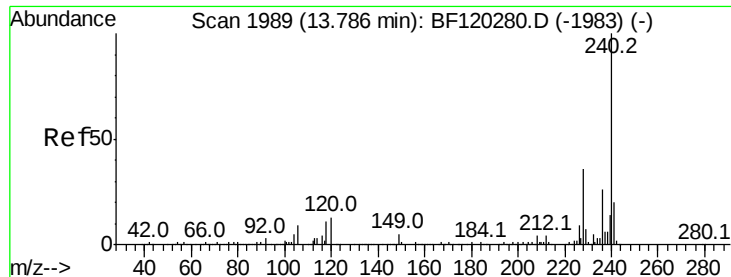
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.13 min Scan# 1538
Delta R.T. -0.00 min
Lab File: BF120320.D
Acq: 15 May 2020 14:35

Tgt Ion:188 Resp: 1196276
Ion Ratio Lower Upper
188 100
94 9.8 8.6 13.0
80 9.9 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: BF120320.D

Acq: 15 May 2020 14:35

Instrument :

BNA_F

ClientSampleID :

TP-B-D

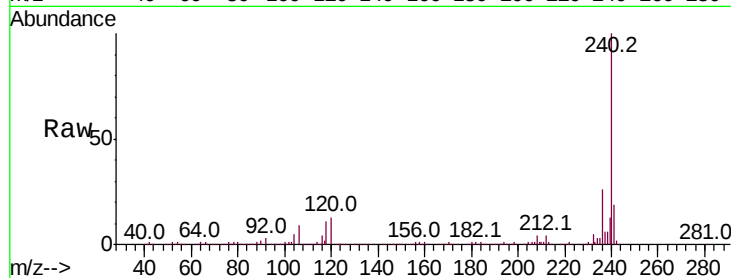
Tot Ion:240 Resp: 1059483

Ion Ratio Lower Upper

240 100

120 13.2 10.4 15.6

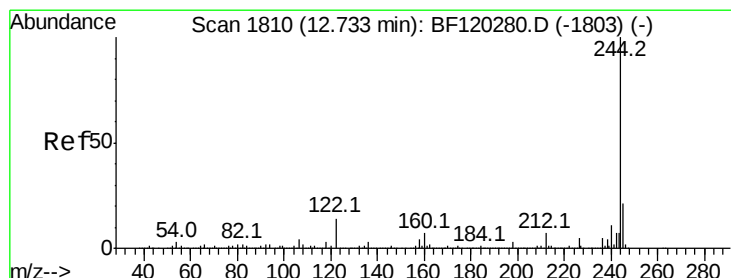
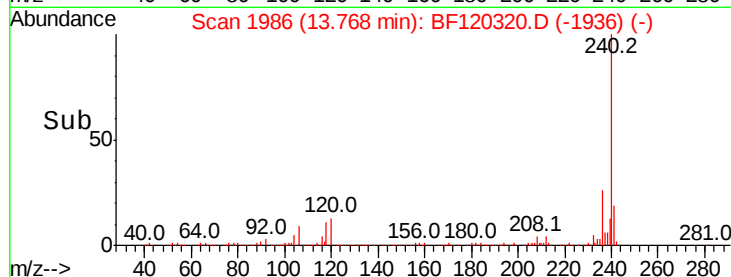
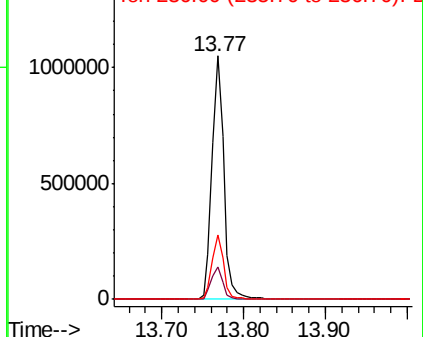
236 26.2 21.0 31.6



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: 53.263 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.00 min

Lab File: BF120320.D

Acq: 15 May 2020 14:35

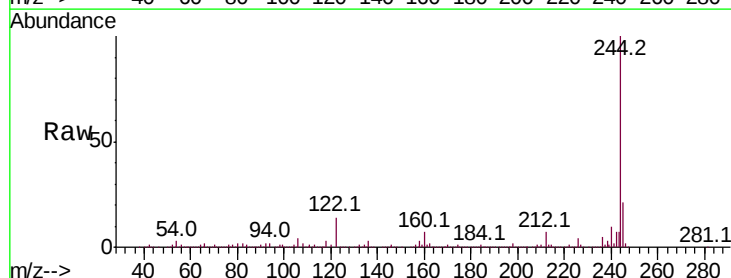
Tgt Ion:244 Resp: 2554350

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

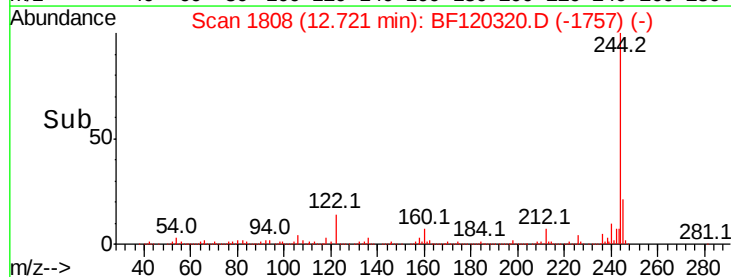
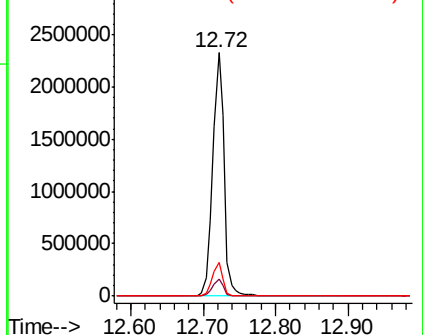
122 13.6 10.8 16.2

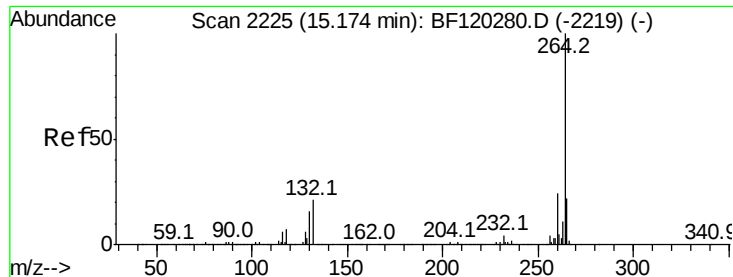


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.16 min Scan# 2223
 Delta R.T. -0.00 min
 Lab File: BF120320.D
 Acq: 15 May 2020 14:35

Instrument :
 BNA_F
 ClientSampleId :
 TP-B-D

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.6
265	21.7	17.5	26.3

