

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070720\
 Data File : BF120778.D
 Acq On : 7 Jul 2020 10:44
 Operator : JU/CG
 Sample : PB129957BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB129957BL

Quant Time: Jul 07 14:33:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 18:51:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	143980	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	543567	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	269790	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	490123	20.00	ng	0.00
76) Chrysene-d12	14.00	240	345531	20.00	ng	0.00
86) Perylene-d12	15.46	264	282594	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1181518	126.67	ng	0.00
7) Phenol-d6	6.47	99	1443162	121.16	ng	0.00
23) Nitrobenzene-d5	7.41	82	885174	94.35	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	351981	129.86	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1535422	86.10	ng	0.00
79) Terphenyl-d14	12.96	244	1690827	95.81	ng	0.00

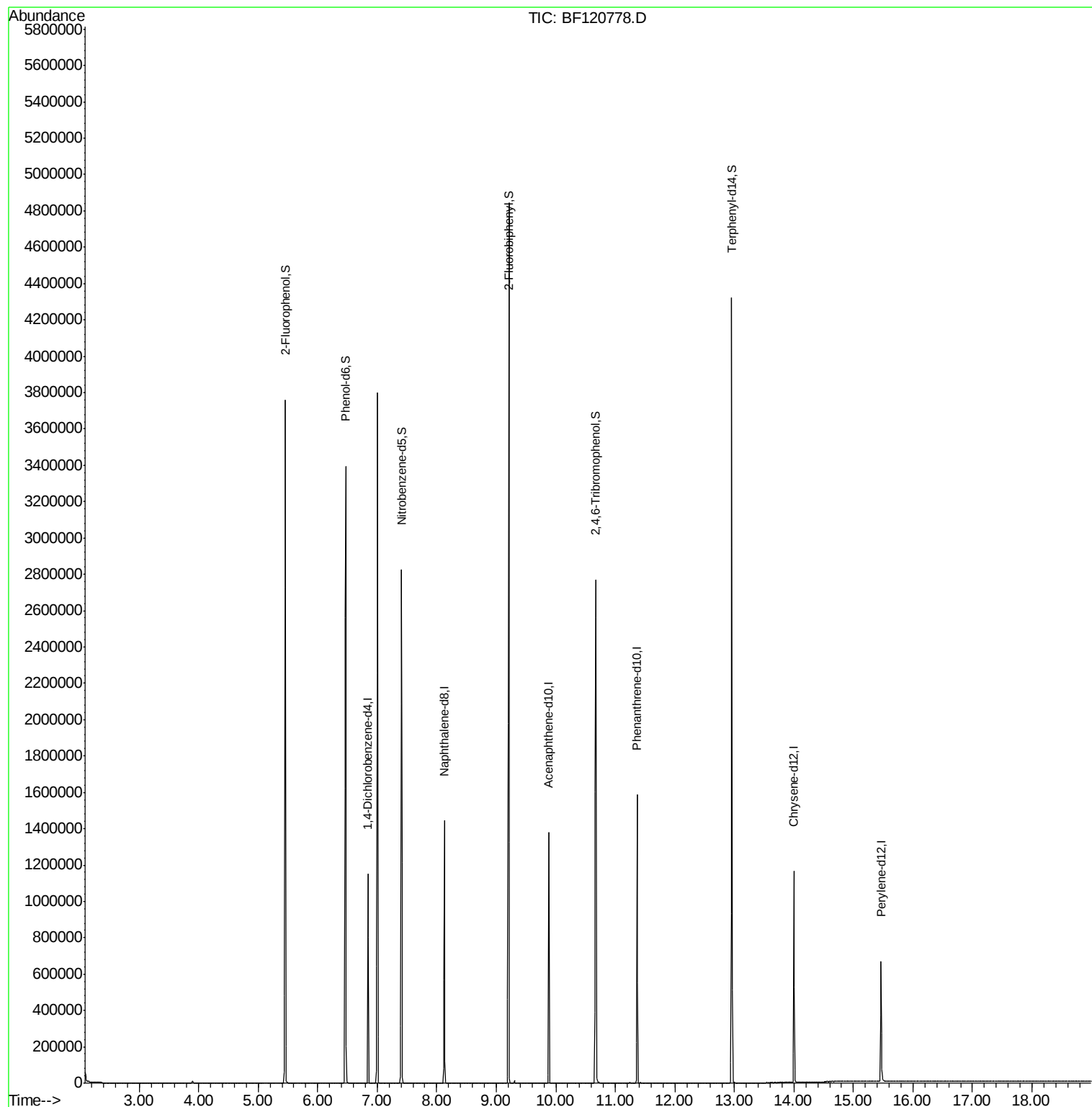
Target Compounds Qvalue

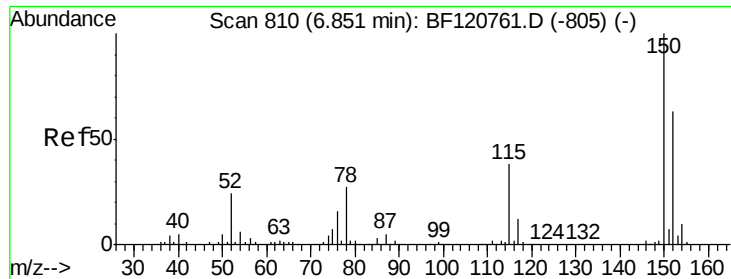
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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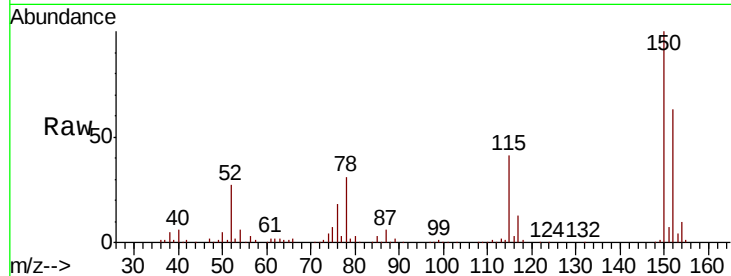


#1

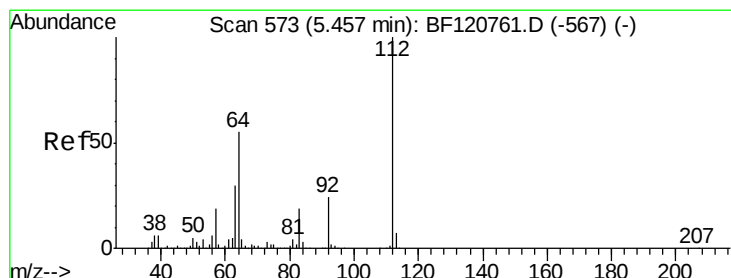
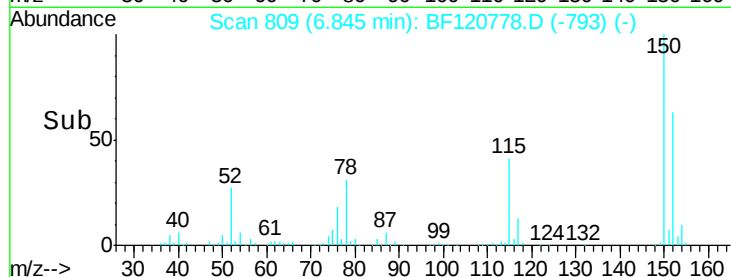
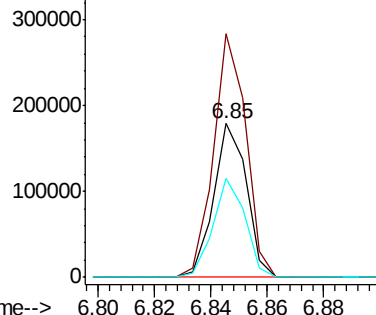
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF120778.D
Acq: 7 Jul 2020 10:44

Instrument :
BNA_F
ClientSampleId :
PB129957BL

Tot Ion:152 Resp: 143980
Ion Ratio Lower Upper
152 100
150 158.1 126.1 189.1
115 64.5 48.5 72.7



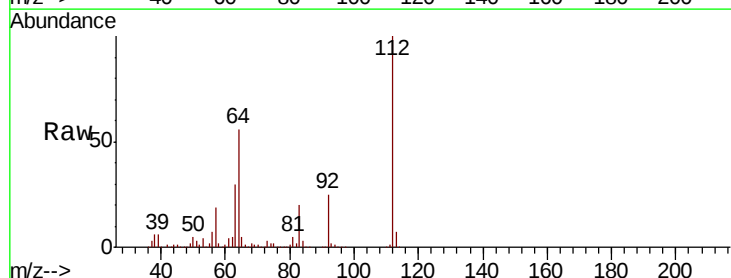
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



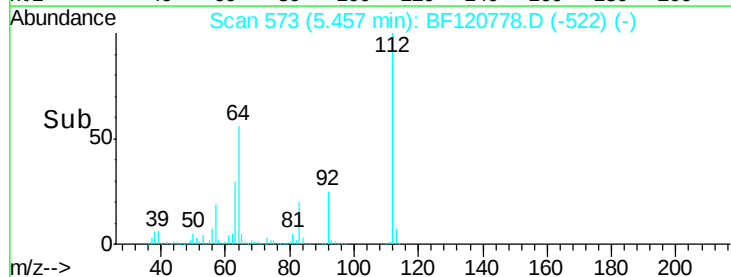
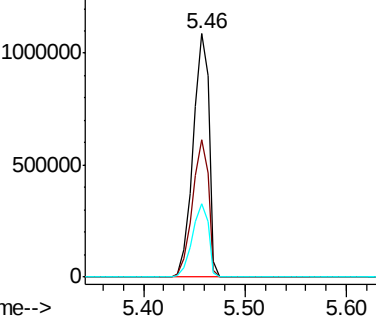
#5

2-Fluorophenol
Concen: 126.674 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.00 min
Lab File: BF120778.D
Acq: 7 Jul 2020 10:44

Tgt Ion:112 Resp: 1181518
Ion Ratio Lower Upper
112 100
64 56.4 43.8 65.6
63 30.0 23.6 35.4



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: 121.159 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF120778.D

Acq: 7 Jul 2020 10:44

Instrument :

BNA_F

ClientSampleId :

PB129957BL

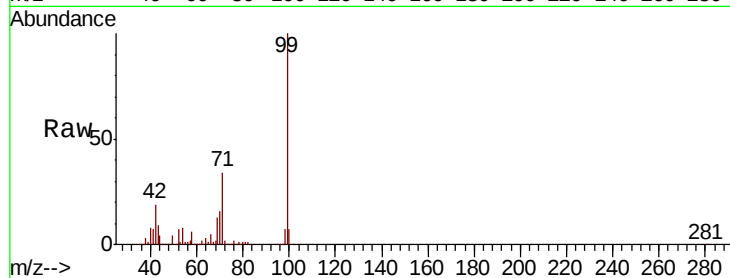
Tot Ion: 99 Resp: 1443162

Ion Ratio Lower Upper

99 100

42 19.5 15.4 23.0

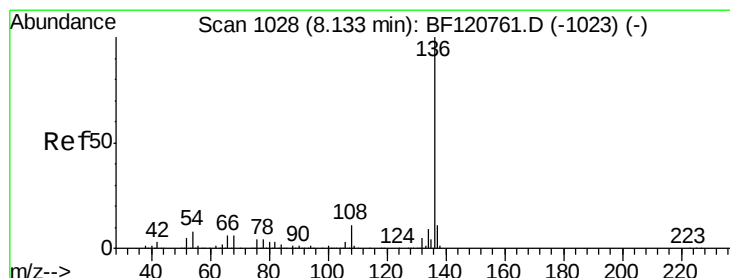
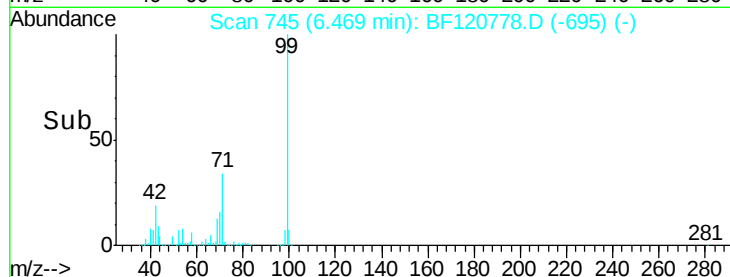
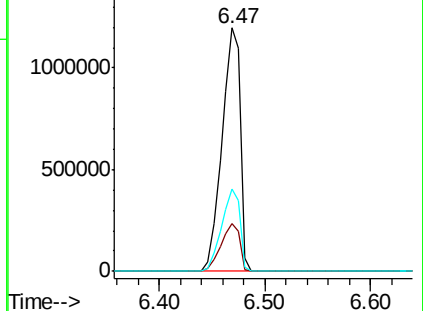
71 33.6 25.9 38.9



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: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF120778.D

Acq: 7 Jul 2020 10:44

Tgt Ion: 136 Resp: 543567

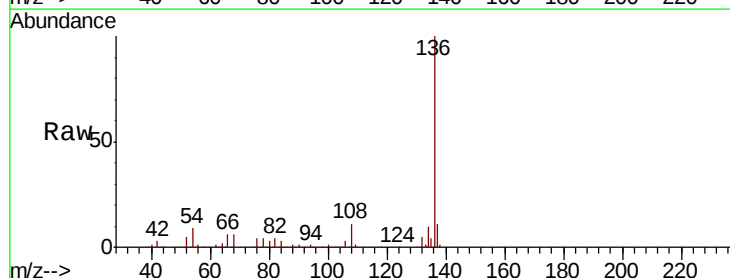
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.6

54 8.5 6.2 9.4

68 5.7 4.7 7.1

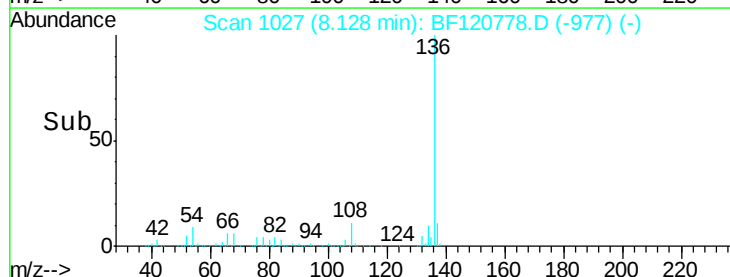
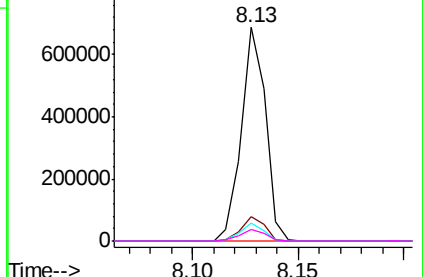


Abundance Ion 136.00 (135.70 to 136.70): E

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

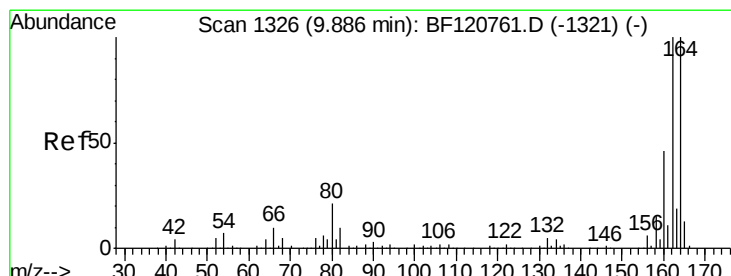
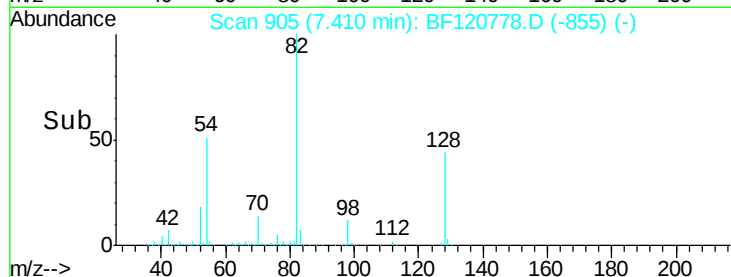
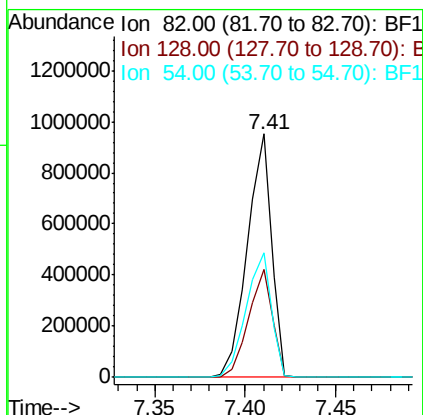
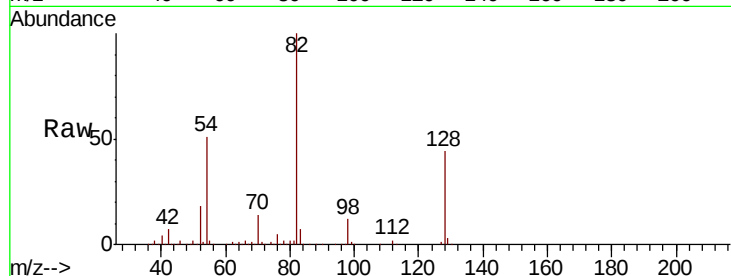




#23
Nitrobenzene-d5
Concen: 94.349 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF120778.D
Acq: 7 Jul 2020 10:44

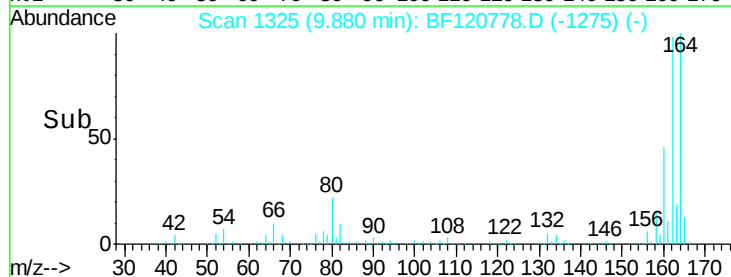
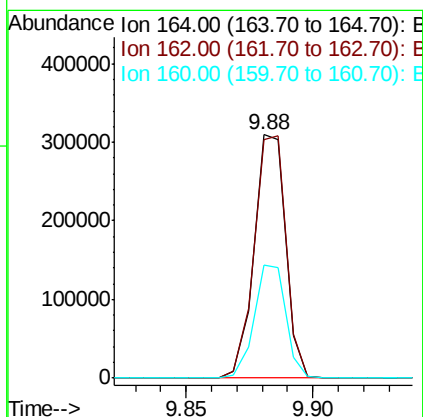
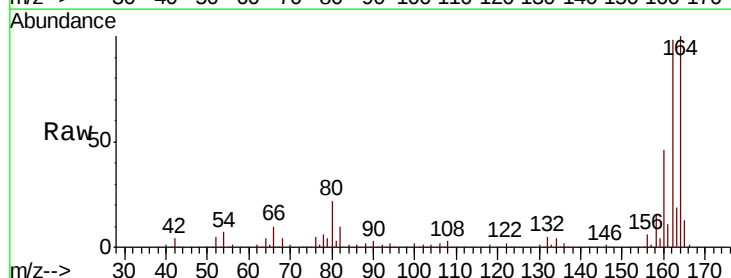
Instrument :
BNA_F
ClientSampleId :
PB129957BL

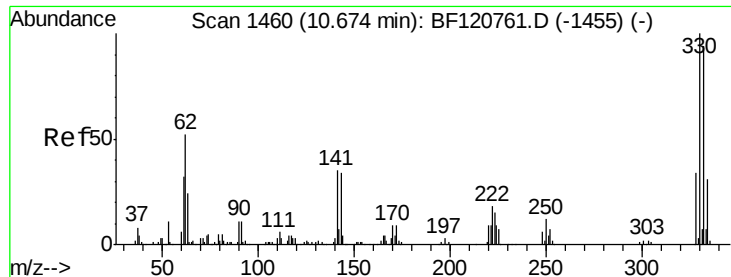
Tot Ion: 82 Resp: 885174
Ion Ratio Lower Upper
82 100
128 44.3 35.7 53.5
54 51.4 40.9 61.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF120778.D
Acq: 7 Jul 2020 10:44

Tgt Ion: 164 Resp: 269790
Ion Ratio Lower Upper
164 100
162 98.0 80.2 120.2
160 46.2 36.9 55.3

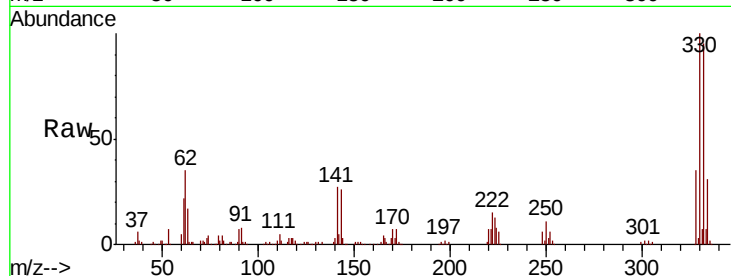




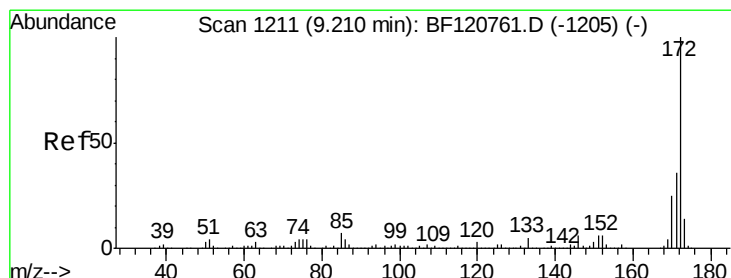
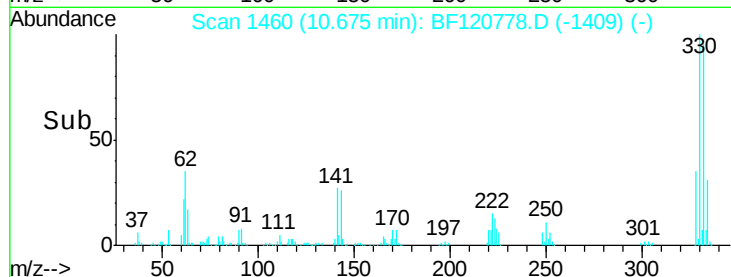
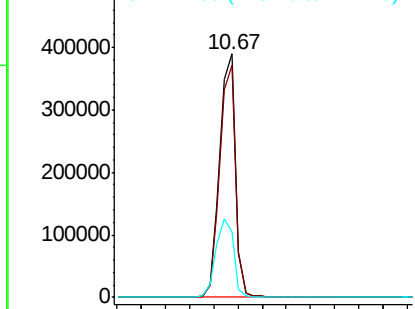
#42
 2,4,6-Tribromophenol
 Concen: 129.862 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. 0.00 min
 Lab File: BF120778.D
 Acq: 7 Jul 2020 10:44

Instrument :
 BNA_F
 ClientSampleId :
 PB129957BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	75.8	113.6
141	36.0	29.7	44.5

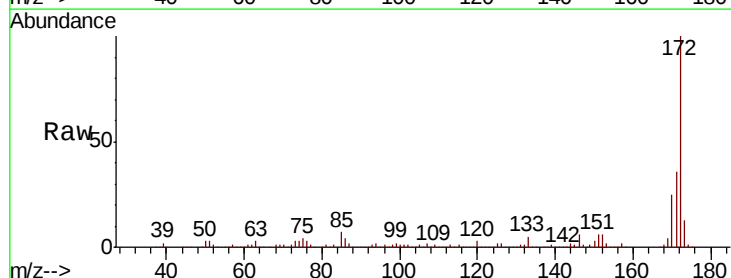


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

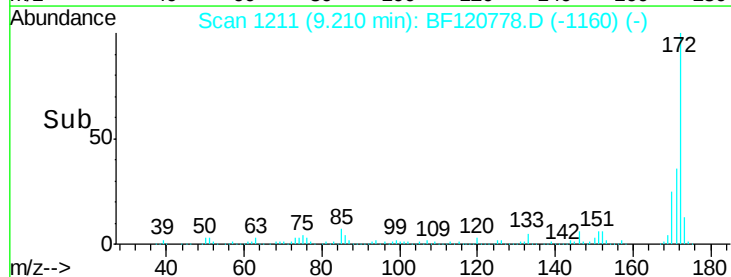
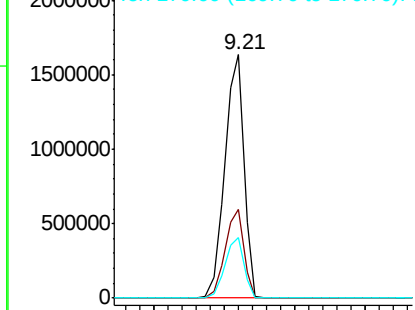


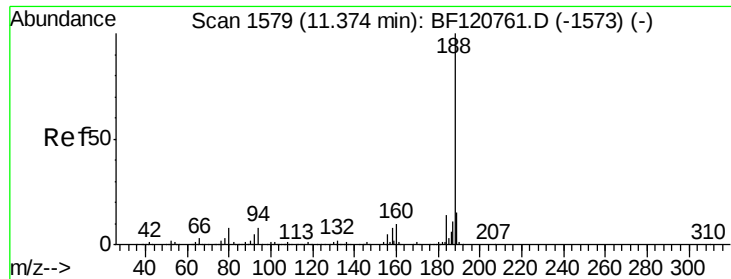
#45
 2-Fluorobiphenyl
 Concen: 86.104 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF120778.D
 Acq: 7 Jul 2020 10:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.1	43.7
170	24.8	19.8	29.6



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: 11.37 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BF120778.D

Acq: 7 Jul 2020 10:44

Instrument :

BNA_F

ClientSampleId :

PB129957BL

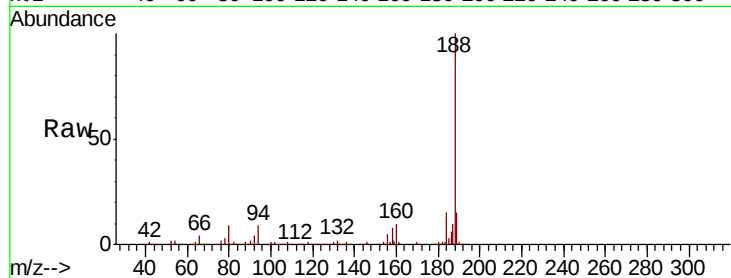
Tot Ion:188 Resp: 490123

Ion Ratio Lower Upper

188 100

94 8.7 6.6 9.8

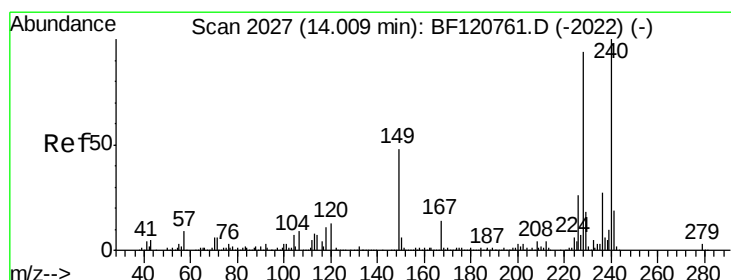
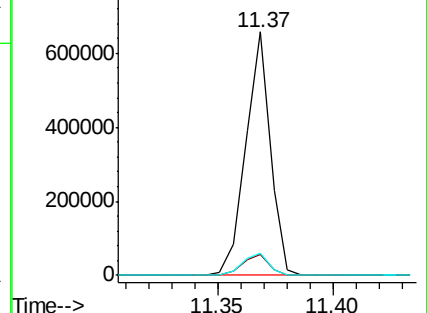
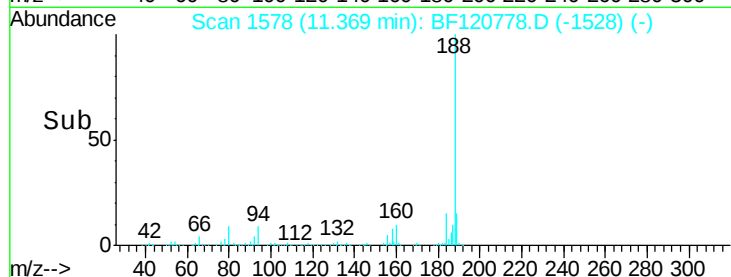
80 9.0 6.6 10.0



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: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF120778.D

Acq: 7 Jul 2020 10:44

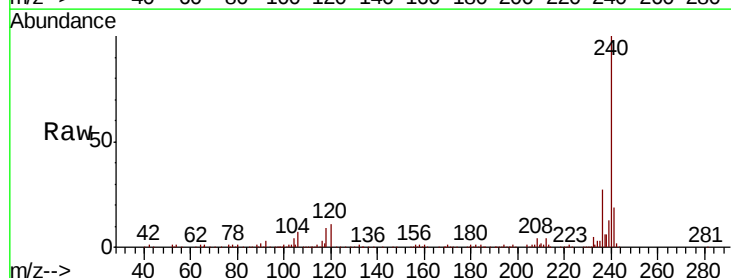
Tgt Ion:240 Resp: 345531

Ion Ratio Lower Upper

240 100

120 10.7 10.3 15.5

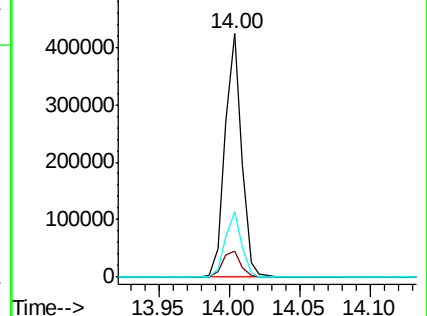
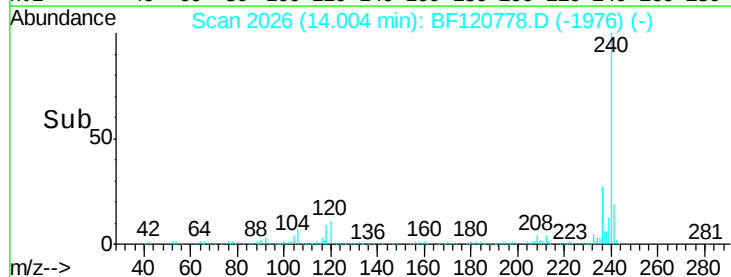
236 27.1 21.4 32.2

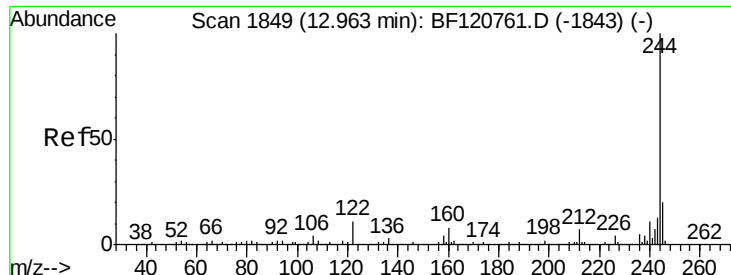


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 95.807 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.00 min

Lab File: BF120778.D

Acq: 7 Jul 2020 10:44

Instrument :

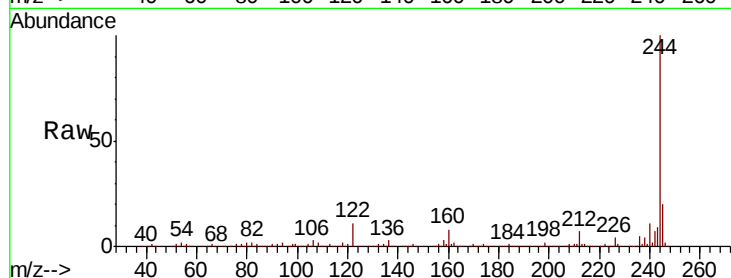
BNA_F

ClientSampleId :

PB129957BL

Tot Ion:244 Resp: 1690827

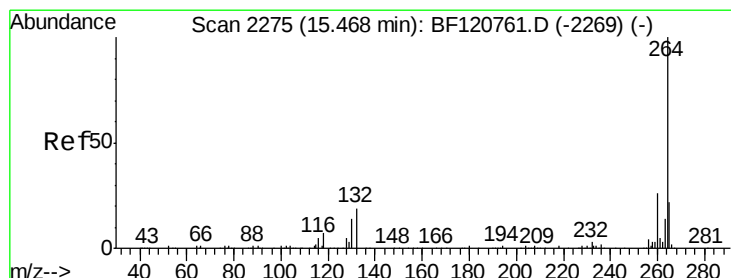
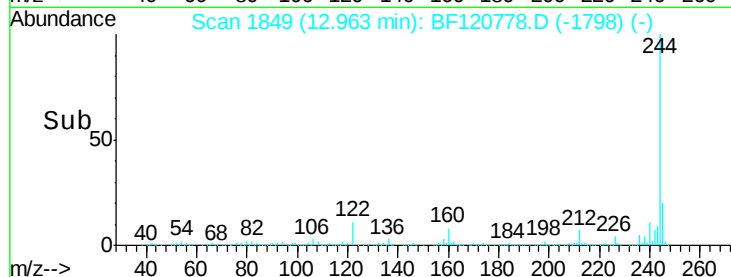
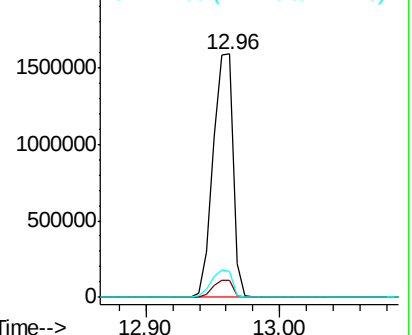
Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.6	8.4
122	10.7	9.0	13.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2274

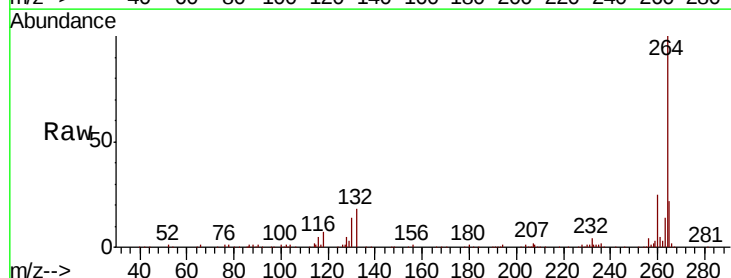
Delta R.T. -0.01 min

Lab File: BF120778.D

Acq: 7 Jul 2020 10:44

Tgt Ion:264 Resp: 282594

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.6	30.8
265	21.9	17.6	26.4



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

