

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090220\
 Data File : BF121516.D
 Acq On : 2 Sep 2020 16:17
 Operator : JU/CG
 Sample : PB131374BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131374BL

Quant Time: Sep 02 18:07:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 17:52:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	331309	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1322712	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	717384	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1415233	20.00	ng	0.00
76) Chrysene-d12	14.00	240	1277566	20.00	ng	-0.01
86) Perylene-d12	15.47	264	1332142	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	2681792	135.81	ng	0.00
7) Phenol-d6	6.47	99	3503499	126.96	ng	0.00
23) Nitrobenzene-d5	7.41	82	2285501	118.13	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	1280427	176.71	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	3844882	86.48	ng	0.00
79) Terphenyl-d14	12.96	244	4652462	76.66	ng	0.00

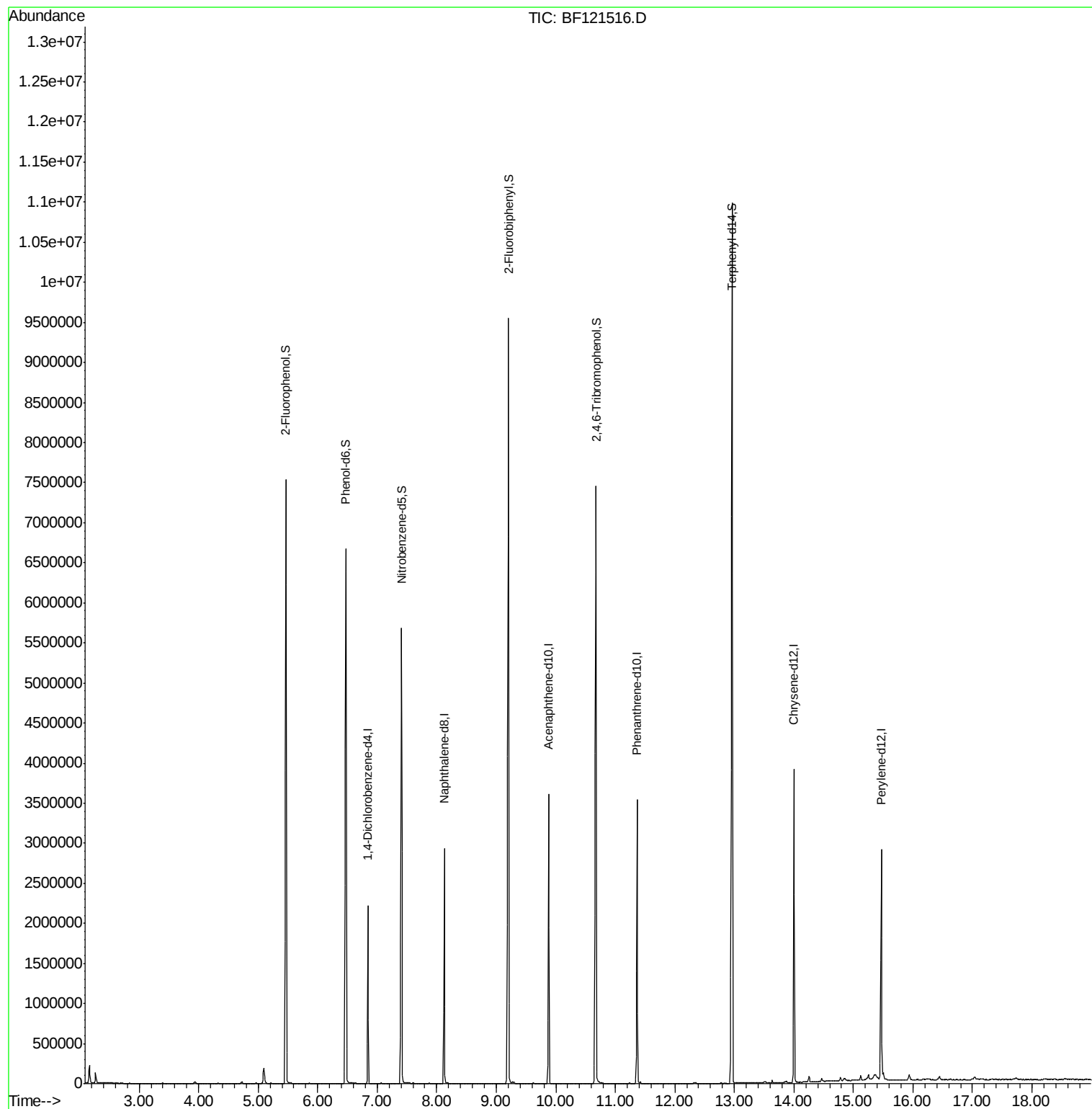
Target Compounds Qvalue

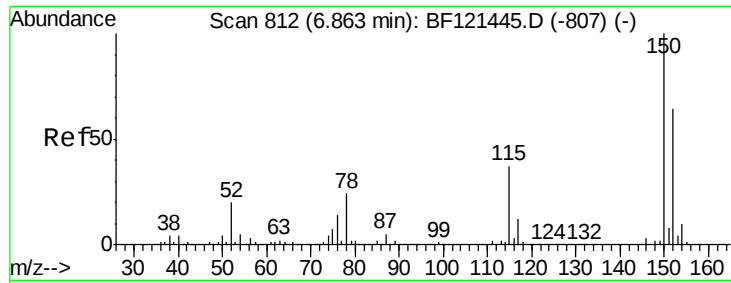
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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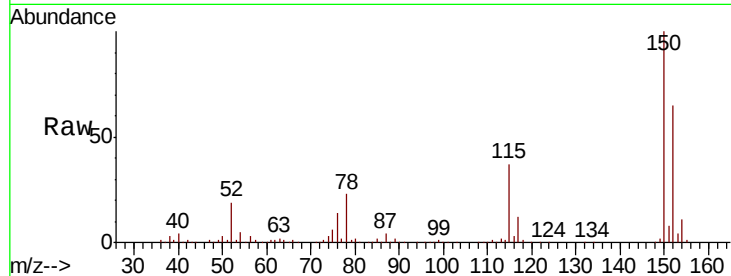


#1

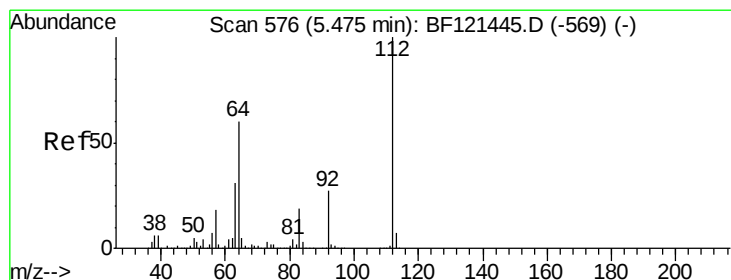
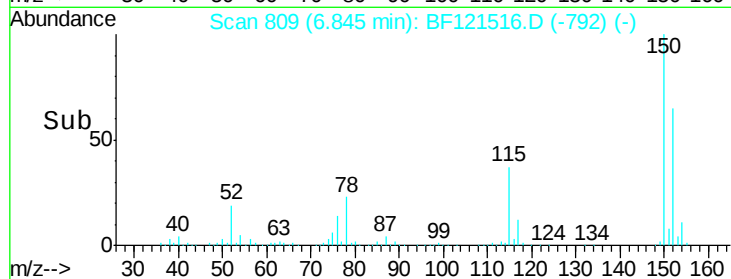
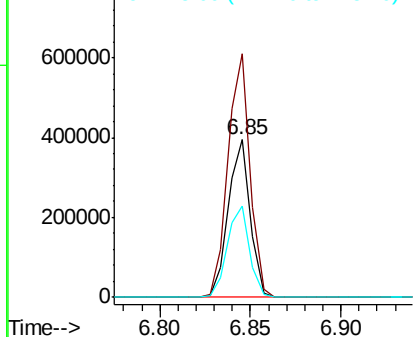
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF121516.D
Acq: 2 Sep 2020 16:17

Instrument :
BNA_F
ClientSampleId :
PB131374BL

Tot Ion:152 Resp: 331309
Ion Ratio Lower Upper
152 100
150 154.6 126.1 189.1
115 57.7 48.4 72.6



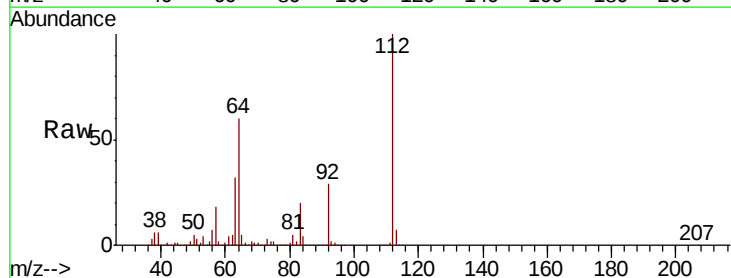
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



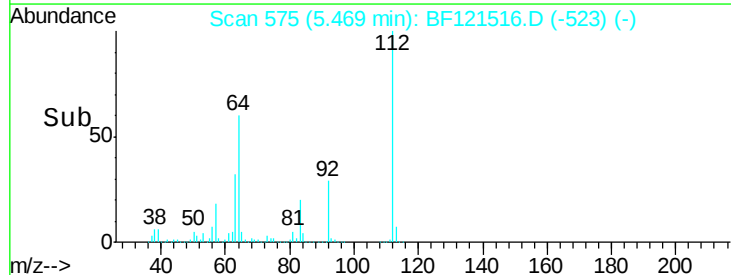
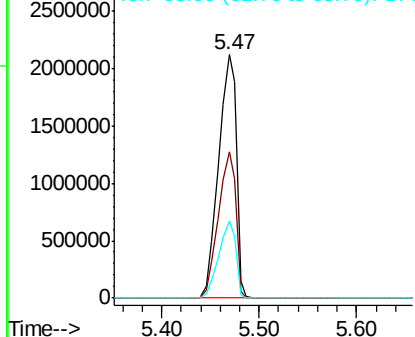
#5

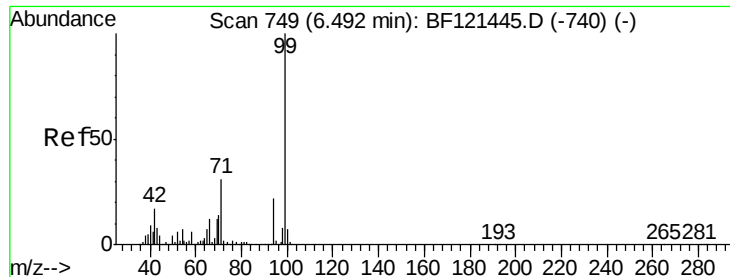
2-Fluorophenol
Concen: 135.806 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF121516.D
Acq: 2 Sep 2020 16:17

Tgt Ion:112 Resp: 2681792
Ion Ratio Lower Upper
112 100
64 60.3 46.0 69.0
63 31.7 23.4 35.2



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: 126.956 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF121516.D

Acq: 2 Sep 2020 16:17

Instrument :

BNA_F

ClientSampleId :

PB131374BL

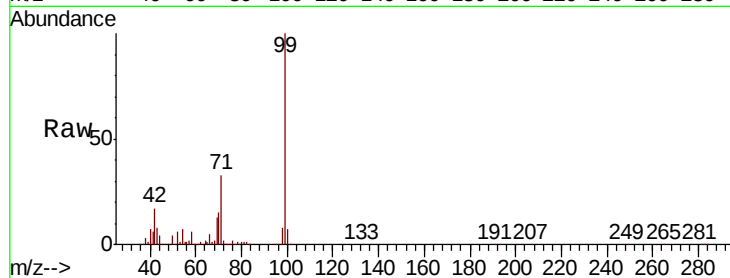
Tot Ion: 99 Resp: 3503499

Ion Ratio Lower Upper

99 100

42 16.8 13.0 19.4

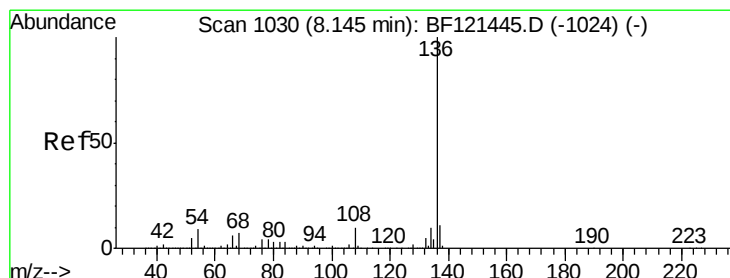
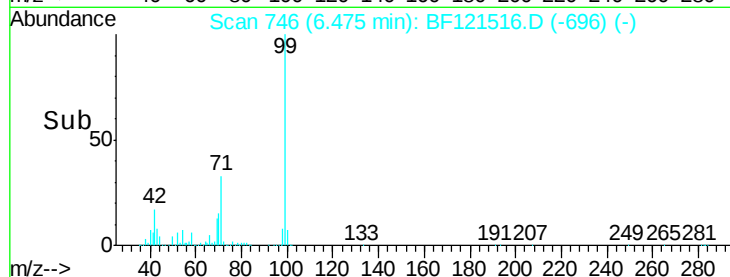
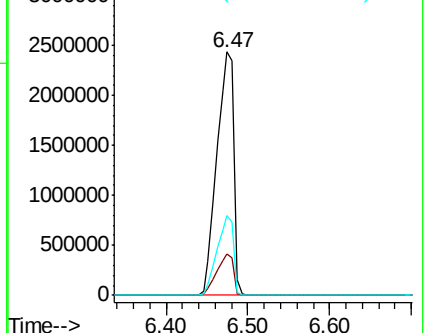
71 33.0 24.8 37.2



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: BF121516.D

Acq: 2 Sep 2020 16:17

Tgt Ion: 136 Resp: 1322712

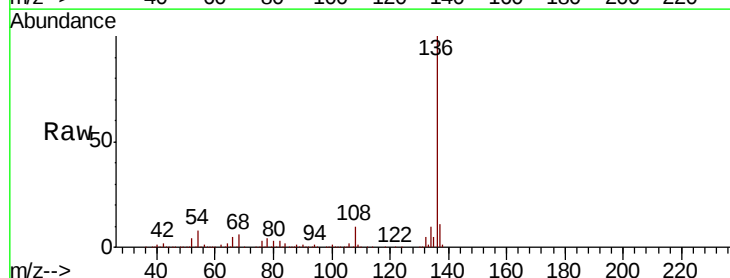
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.8 6.2 9.4

68 6.4 5.1 7.7

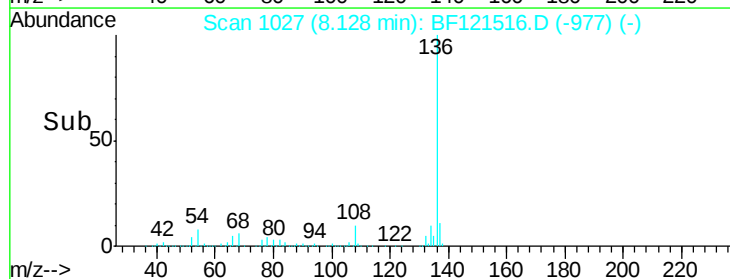
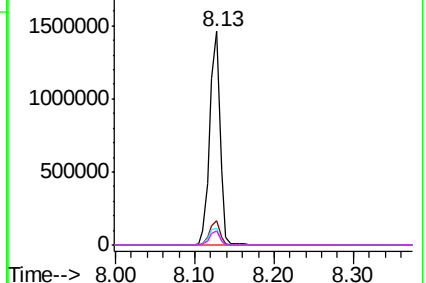


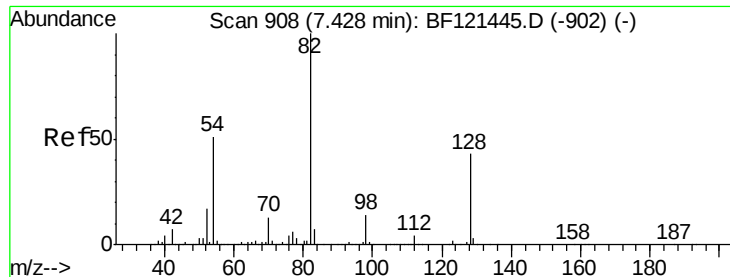
Abundance Ion 136.00 (135.70 to 136.70): E

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

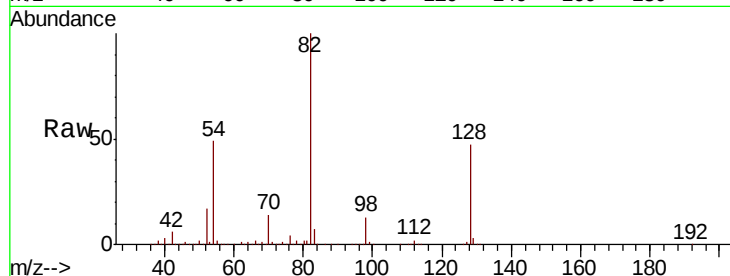




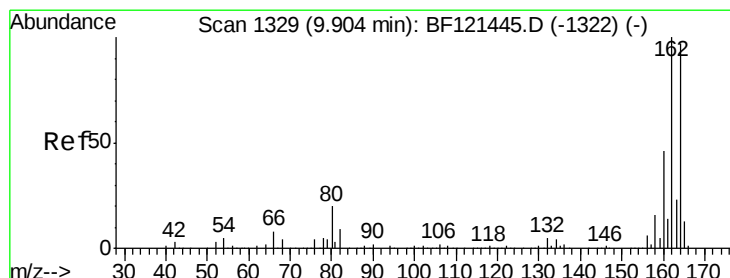
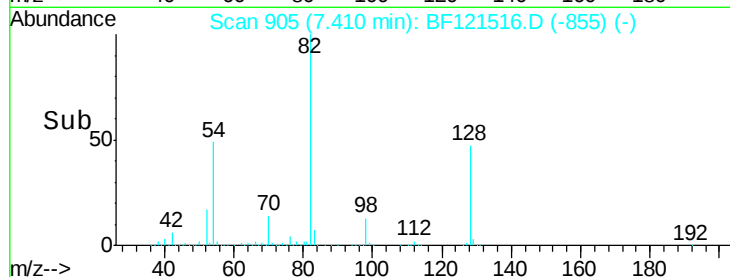
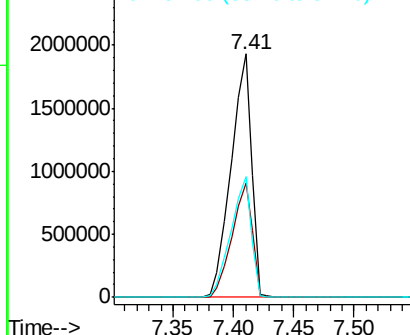
#23
Nitrobenzene-d5
Concen: 118.128 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF121516.D
Acq: 2 Sep 2020 16:17

Instrument :
BNA_F
ClientSampleId :
PB131374BL

Tot Ion: 82 Resp: 2285501
Ion Ratio Lower Upper
82 100
128 46.9 37.3 55.9
54 49.4 39.0 58.6

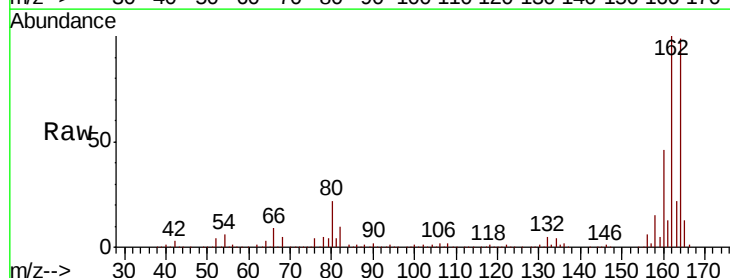


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

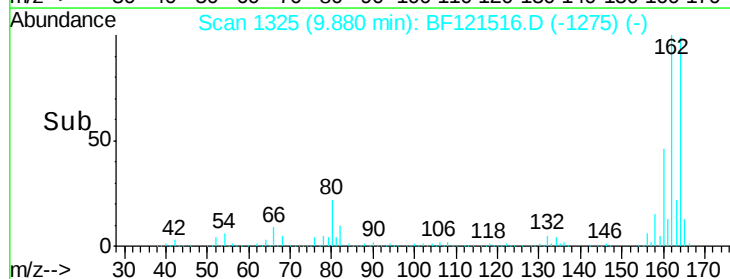
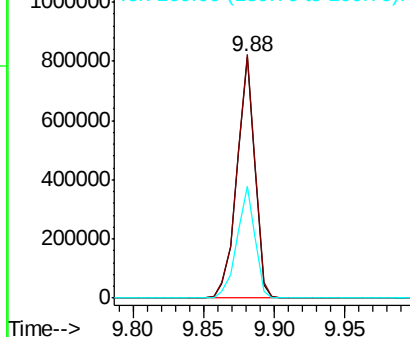


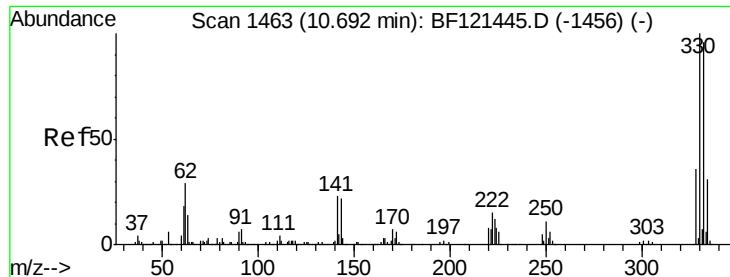
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF121516.D
Acq: 2 Sep 2020 16:17

Tgt Ion:164 Resp: 717384
Ion Ratio Lower Upper
164 100
162 100.9 80.5 120.7
160 46.4 36.2 54.4



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

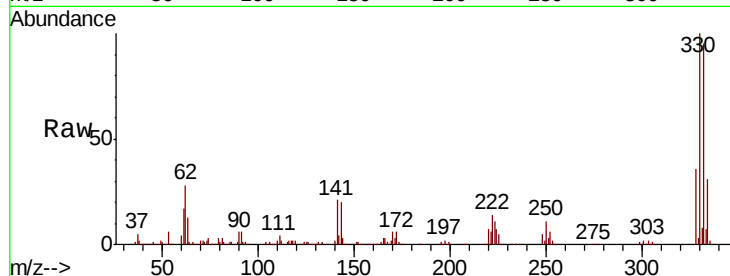




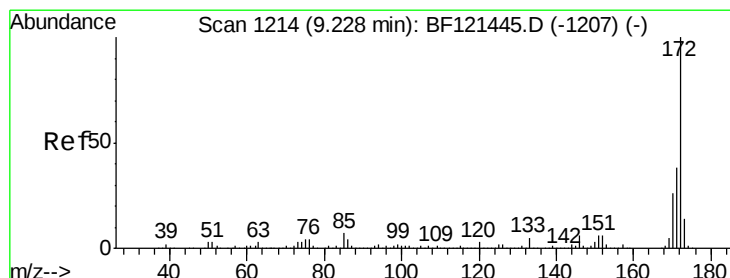
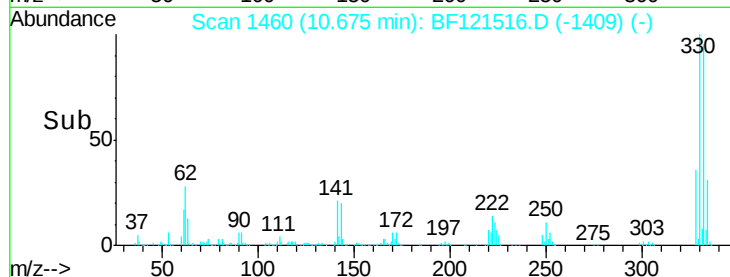
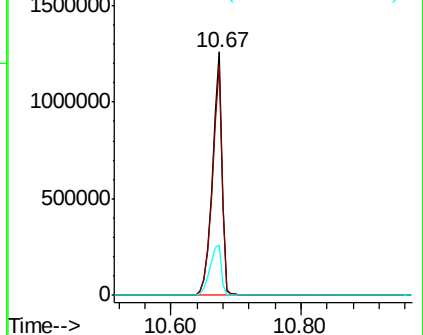
#42
 2,4,6-Tribromophenol
 Concen: 176.709 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. 0.00 min
 Lab File: BF121516.D
 Acq: 2 Sep 2020 16:17

Instrument :
 BNA_F
 ClientSampleId :
 PB131374BL

Tot Ion:330 Resp: 1280427
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.2 114.2
 141 24.9 22.6 34.0

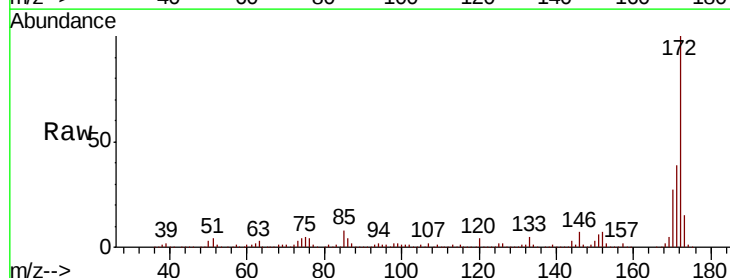


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

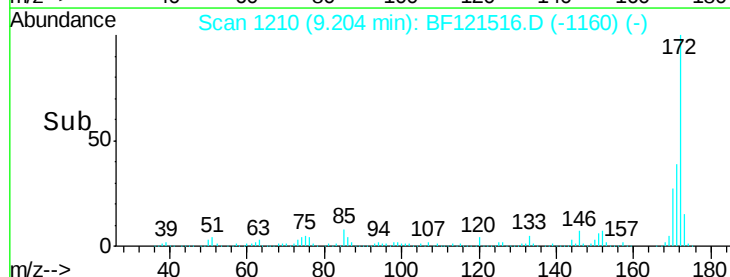
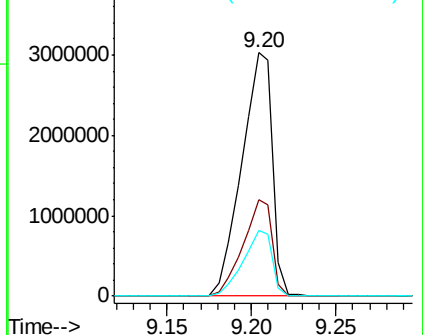


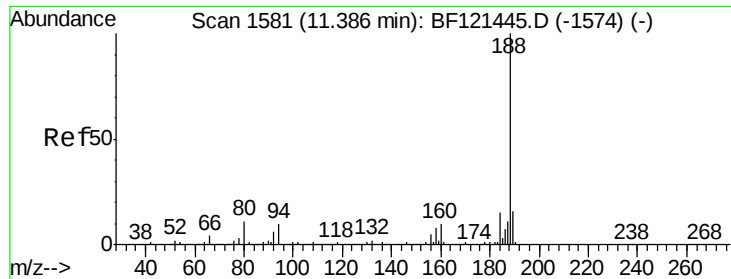
#45
 2-Fluorobiphenyl
 Concen: 86.478 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF121516.D
 Acq: 2 Sep 2020 16:17

Tgt Ion:172 Resp: 3844882
 Ion Ratio Lower Upper
 172 100
 171 39.4 30.4 45.6
 170 26.7 20.7 31.1



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. 0.00 min

Lab File: BF121516.D

Acq: 2 Sep 2020 16:17

Instrument :

BNA_F

ClientSampleId :

PB131374BL

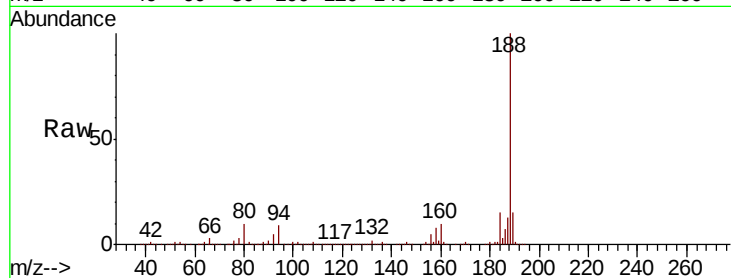
Tot Ion:188 Resp: 1415233

Ion Ratio Lower Upper

188 100

94 9.4 8.8 13.2

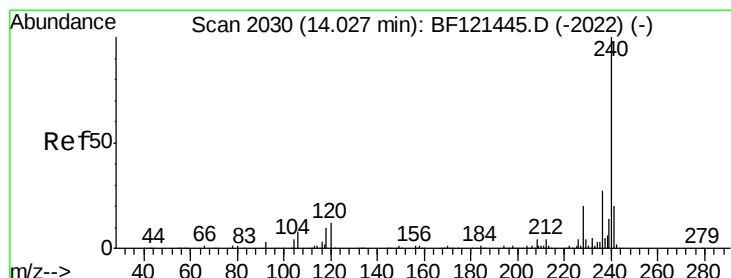
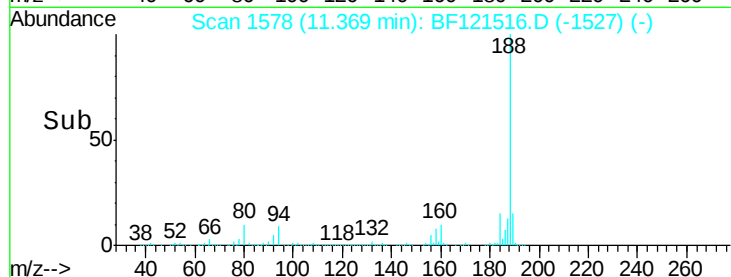
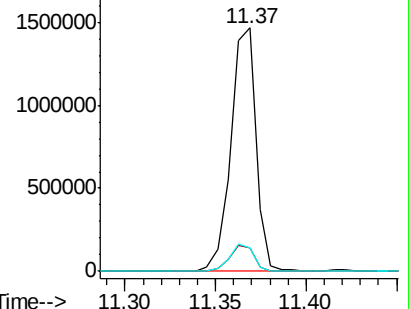
80 9.6 9.1 13.7



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: BF121516.D

Acq: 2 Sep 2020 16:17

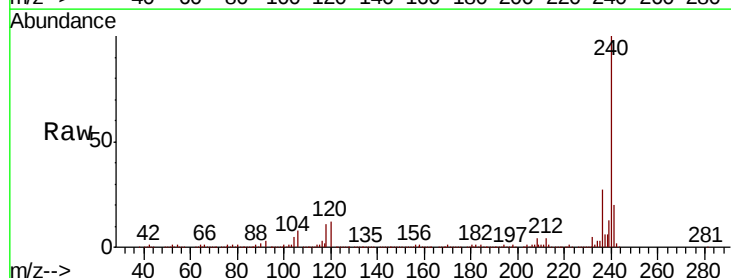
Tgt Ion:240 Resp: 1277566

Ion Ratio Lower Upper

240 100

120 12.2 8.0 12.0#

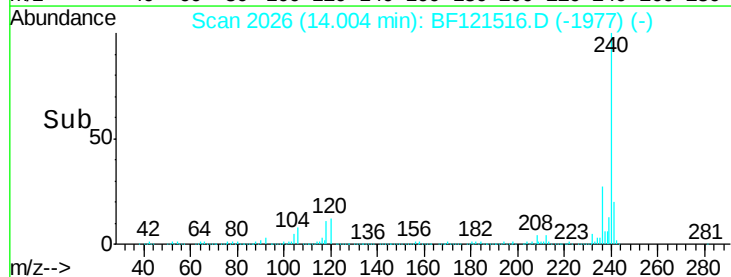
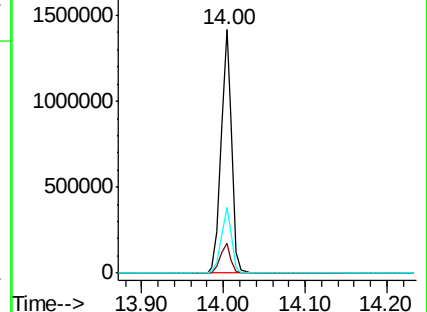
236 27.2 21.4 32.2

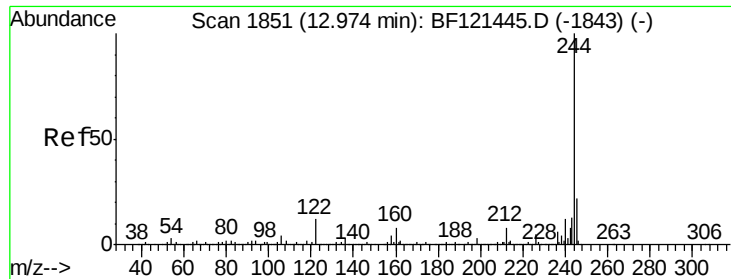


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 76.655 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.01 min

Lab File: BF121516.D

Acq: 2 Sep 2020 16:17

Instrument :

BNA_F

ClientSampleId :

PB131374BL

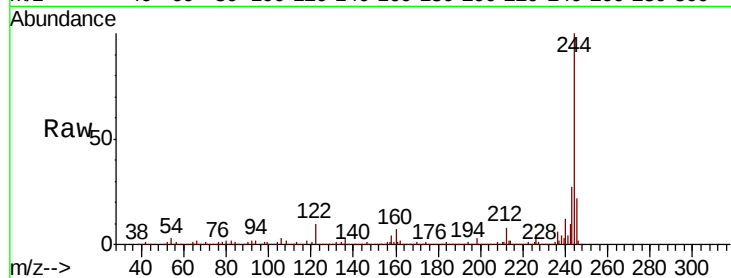
Tot Ion:244 Resp: 4652462

Ion Ratio Lower Upper

244 100

212 7.9 6.0 9.0

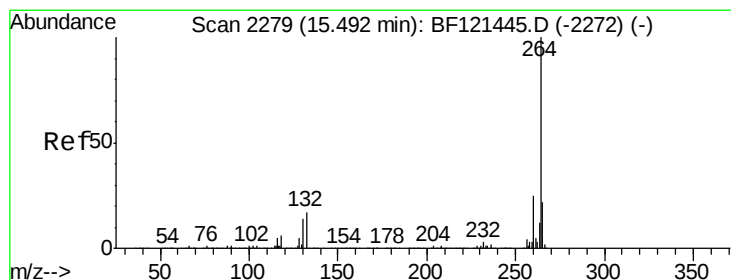
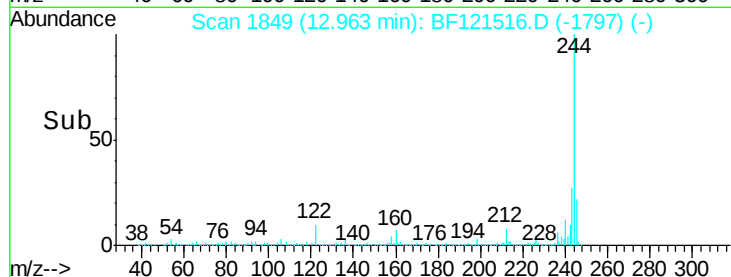
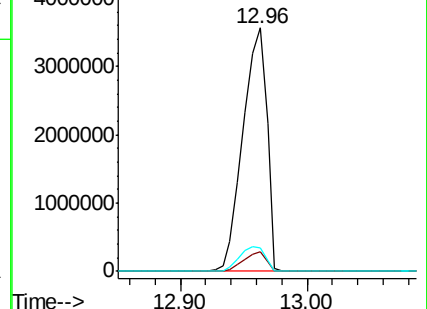
122 9.9 9.3 13.9



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: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BF121516.D

Acq: 2 Sep 2020 16:17

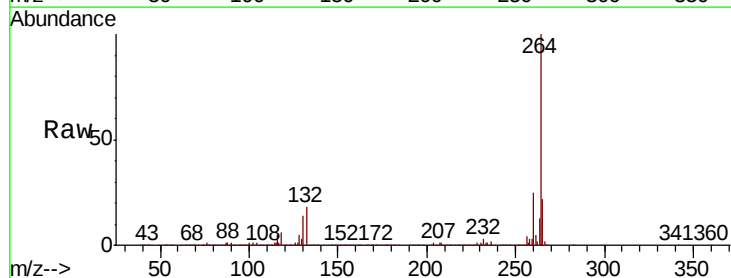
Tgt Ion:264 Resp: 1332142

Ion Ratio Lower Upper

264 100

260 24.7 19.7 29.5

265 22.2 17.4 26.2



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

