

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112219\
 Data File : BF117930.D
 Acq On : 22 Nov 2019 20:53
 Operator : JU
 Sample : PB124780BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB124780BL

Quant Time: Nov 23 03:28:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	175275	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	792254	20.00	ng	-0.03
39) Acenaphthene-d10	9.95	164	434640	20.00	ng	-0.02
64) Phenanthrene-d10	11.45	188	875950	20.00	ng	-0.02
76) Chrysene-d12	14.09	240	658541	20.00	ng	-0.02
87) Perylene-d12	15.60	264	644908	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1394620	140.84	ng	0.00
7) Phenol-d6	6.53	99	1604873	134.37	ng	-0.02
23) Nitrobenzene-d5	7.47	82	1039099	77.97	ng	-0.02
42) 2,4,6-Tribromophenol	10.75	330	651632	141.61	ng	-0.02
45) 2-Fluorobiphenyl	9.27	172	2240243	92.47	ng	-0.02
79) Terphenyl-d14	13.04	244	2871228	79.68	ng	-0.02

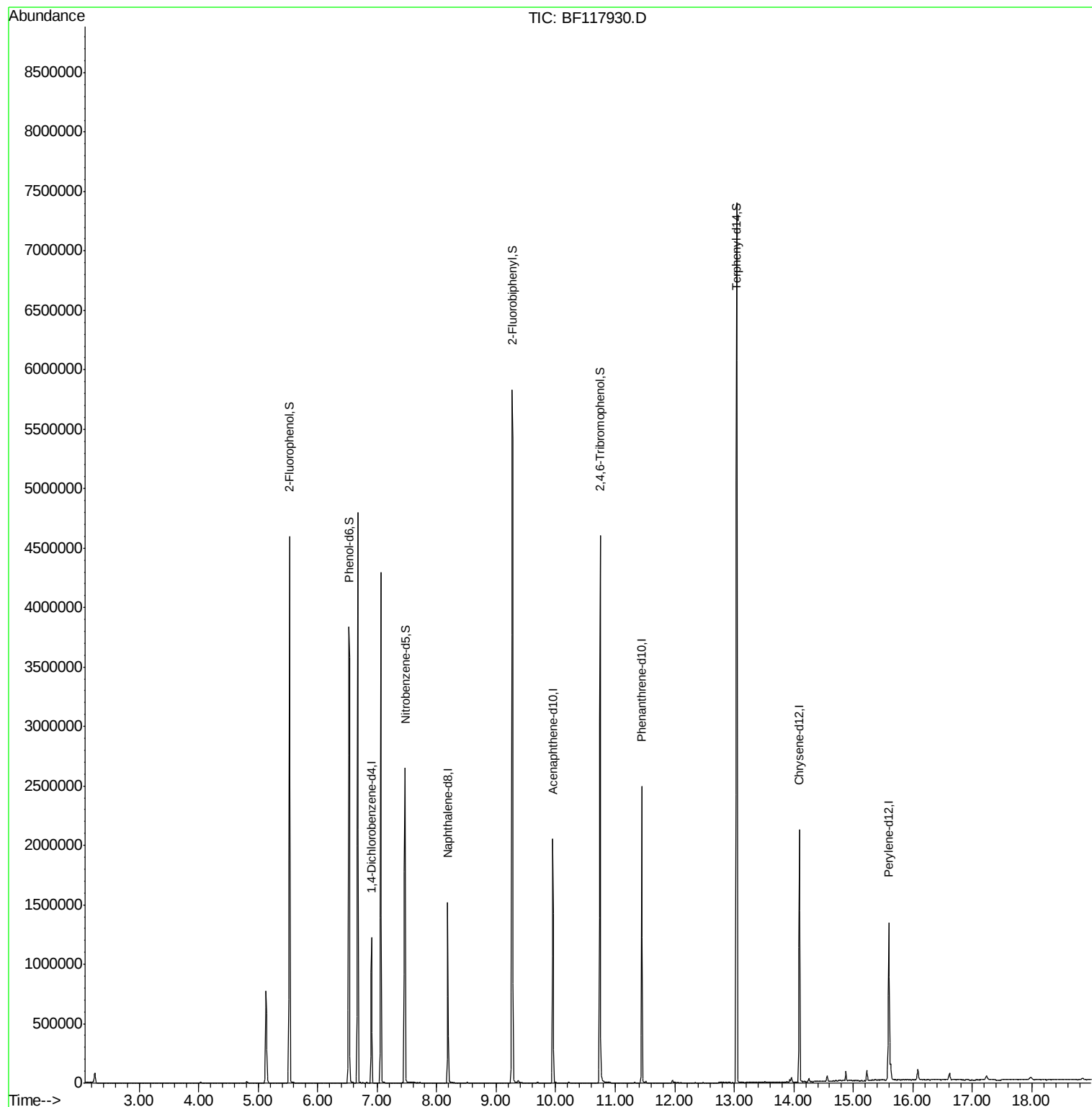
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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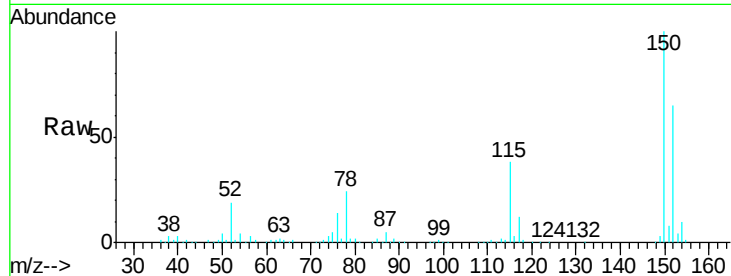


#1

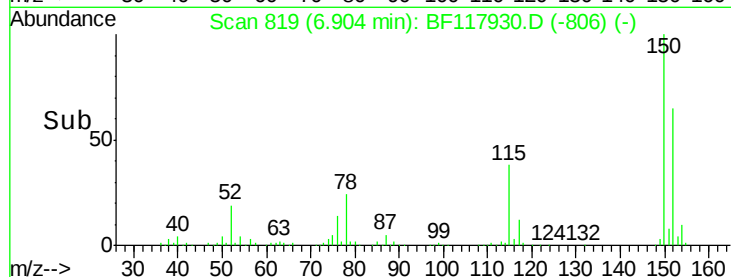
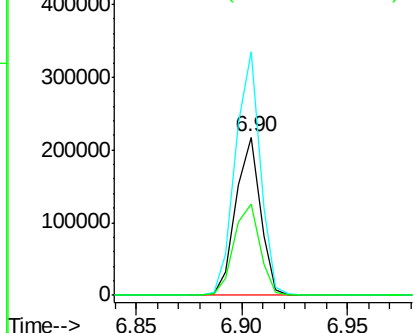
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF117930.D
Acq: 22 Nov 2019 20:53

Instrument :
BNA_F
ClientSampleId :
PB124780BL

Tgt Ion:152 Resp: 175275
Ion Ratio Lower Upper
152 100
150 153.7 125.3 187.9
115 58.0 47.0 70.4



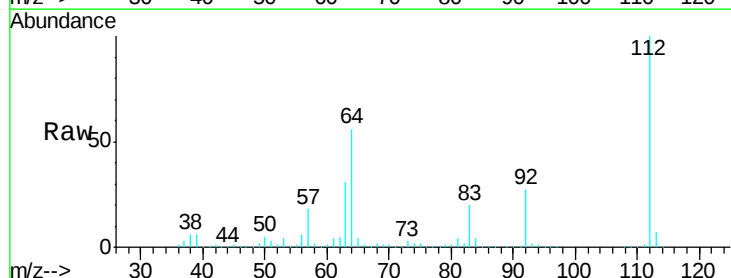
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



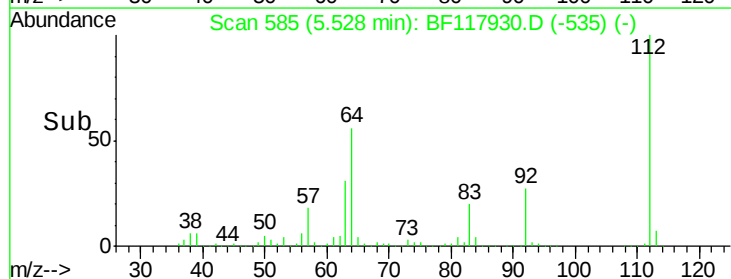
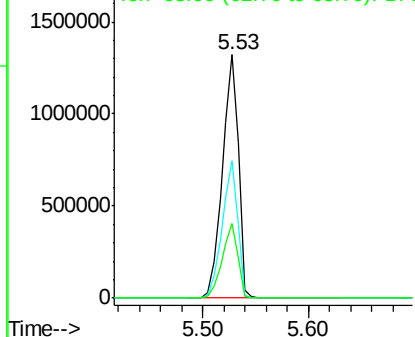
#5

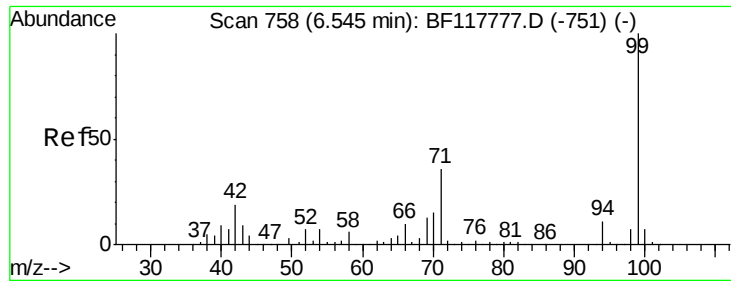
2-Fluorophenol
Concen: 140.843 ng
RT: 5.53 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF117930.D
Acq: 22 Nov 2019 20:53

Tgt Ion:112 Resp: 1394620
Ion Ratio Lower Upper
112 100
64 56.3 45.6 68.4
63 30.8 24.1 36.1



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: 134.374 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF117930.D

Acq: 22 Nov 2019 20:53

Instrument :

BNA_F

ClientSampleId :

PB124780BL

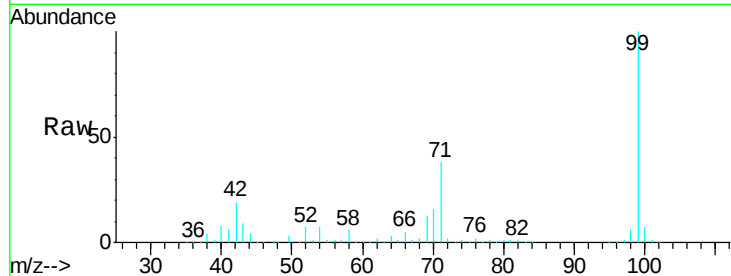
Tgt Ion: 99 Resp: 1604873

Ion Ratio Lower Upper

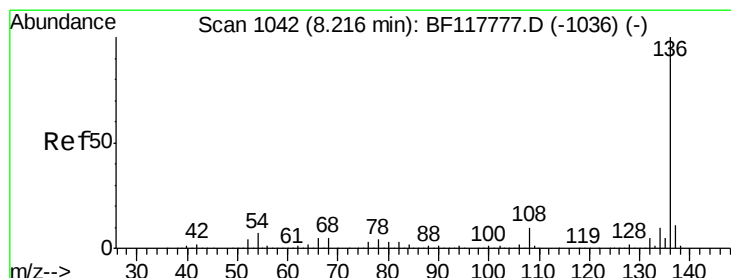
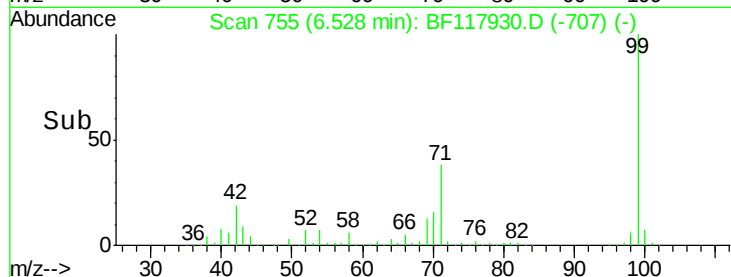
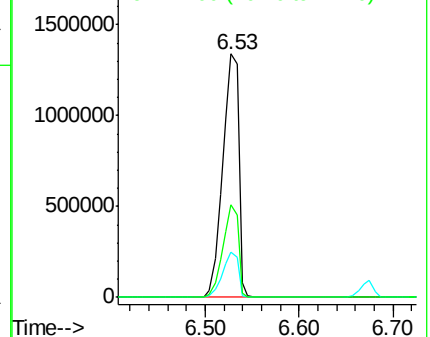
99 100

42 18.8 14.9 22.3

71 38.0 28.6 43.0



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: 8.19 min Scan# 1037

Delta R.T. -0.03 min

Lab File: BF117930.D

Acq: 22 Nov 2019 20:53

Tgt Ion: 136 Resp: 792254

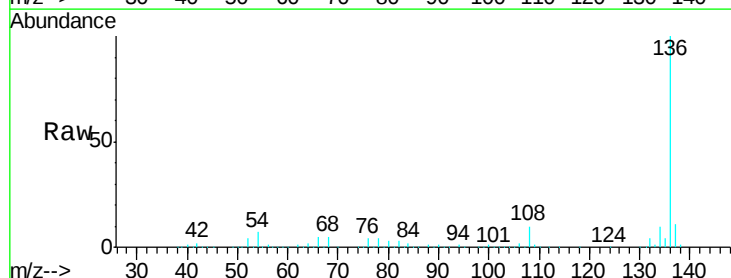
Ion Ratio Lower Upper

136 100

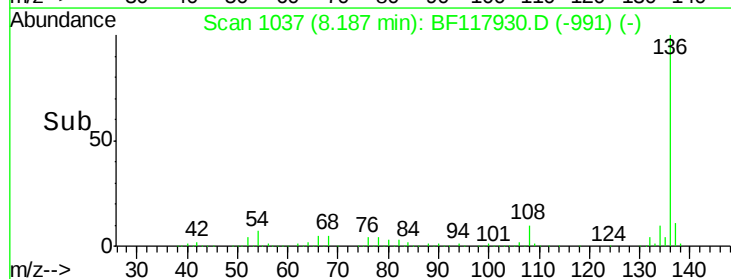
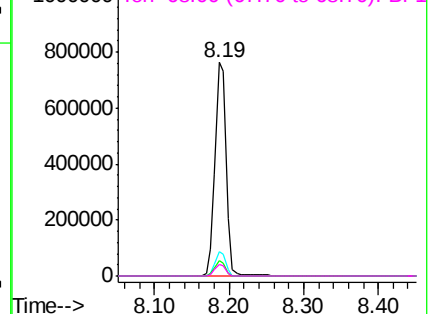
137 11.4 9.0 13.4

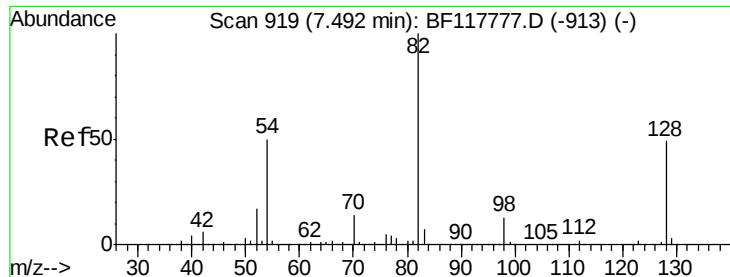
54 7.5 5.4 8.2

68 5.5 4.3 6.5



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

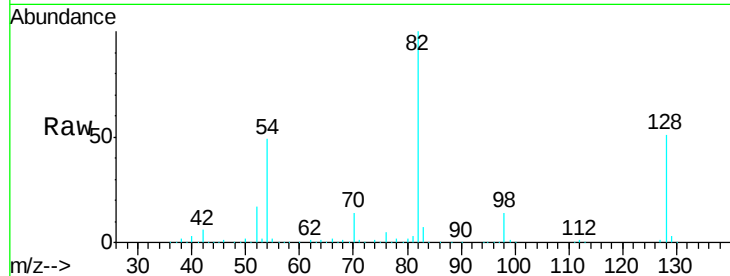




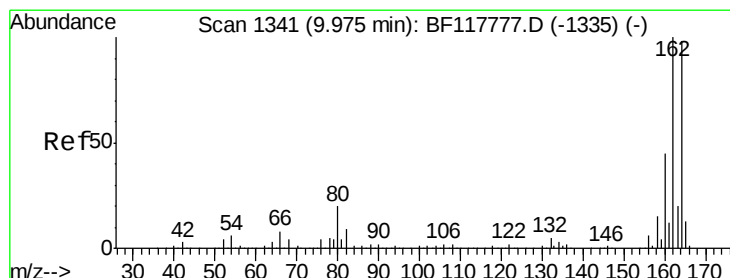
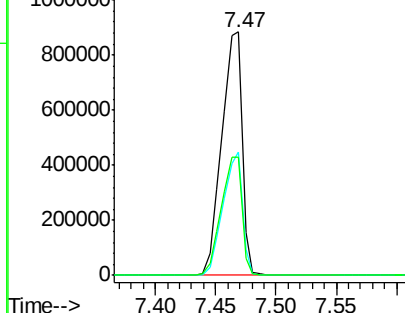
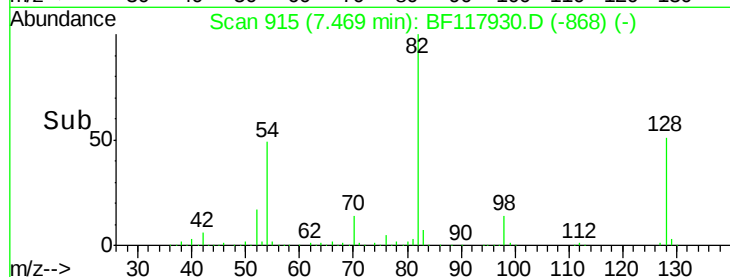
#23
 Nitrobenzene-d5
 Concen: 77.968 ng
 RT: 7.47 min Scan# 915
 Delta R.T. -0.02 min
 Lab File: BF117930.D
 Acq: 22 Nov 2019 20:53

Instrument :
 BNA_F
 ClientSampleId :
 PB124780BL

Tgt Ion: 82 Resp: 1039099
 Ion Ratio Lower Upper
 82 100
 128 50.8 38.9 58.3
 54 48.7 39.8 59.6

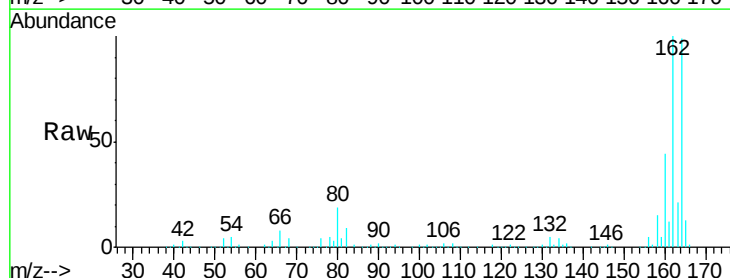


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

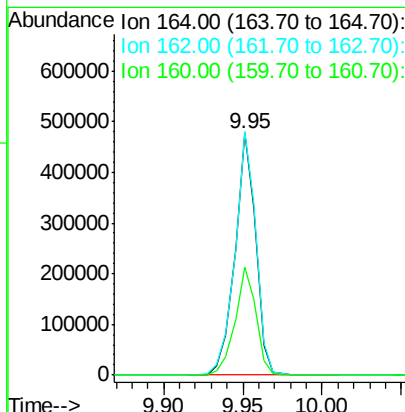
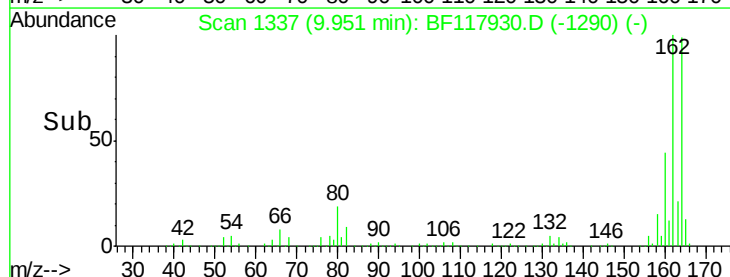


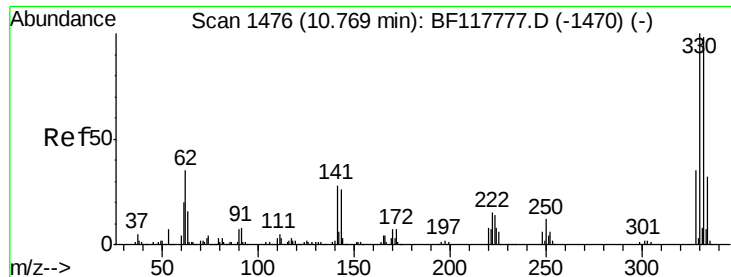
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.02 min
 Lab File: BF117930.D
 Acq: 22 Nov 2019 20:53

Tgt Ion: 164 Resp: 434640
 Ion Ratio Lower Upper
 164 100
 162 100.6 81.3 121.9
 160 44.5 36.6 55.0



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

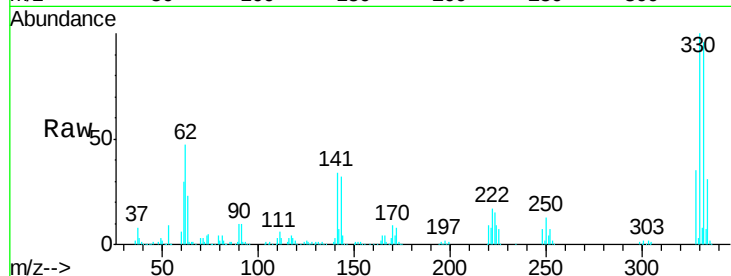




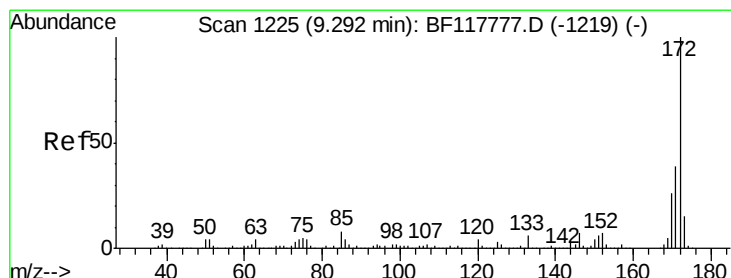
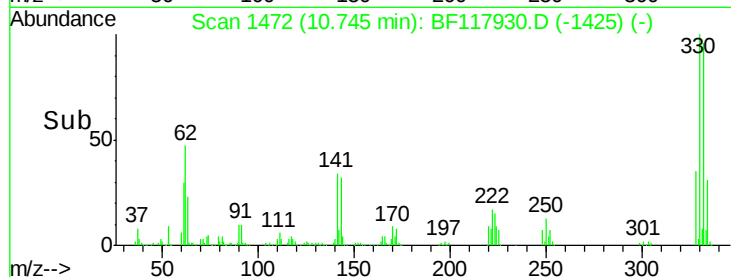
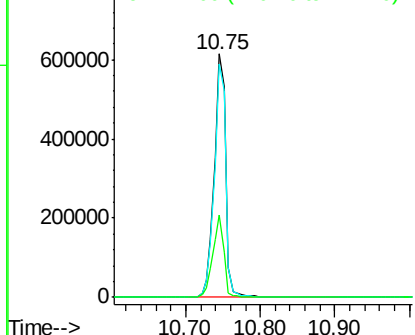
#42
 2,4,6-Tribromophenol
 Concen: 141.613 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. -0.02 min
 Lab File: BF117930.D
 Acq: 22 Nov 2019 20:53

Instrument :
 BNA_F
 ClientSampleId :
 PB124780BL

Tgt Ion:330 Resp: 651632
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.7 115.1
 141 32.4 27.7 41.5

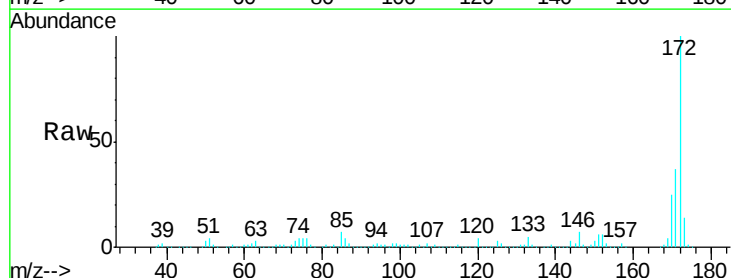


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

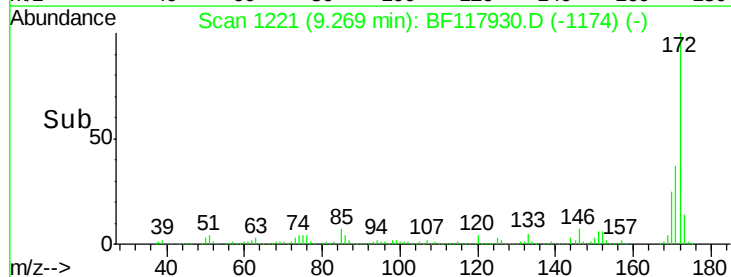
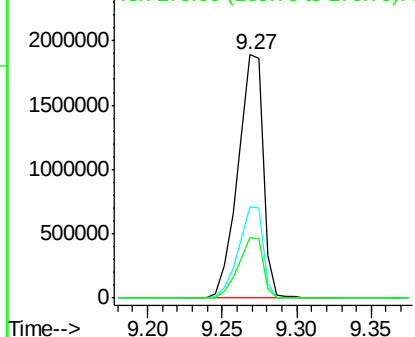


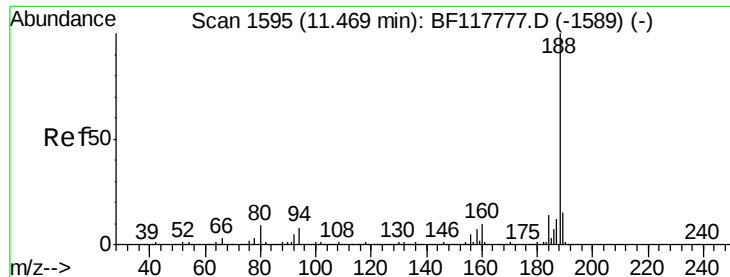
#45
 2-Fluorobiphenyl
 Concen: 92.469 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.02 min
 Lab File: BF117930.D
 Acq: 22 Nov 2019 20:53

Tgt Ion:172 Resp: 2240243
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.9 46.3
 170 24.9 21.0 31.4



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

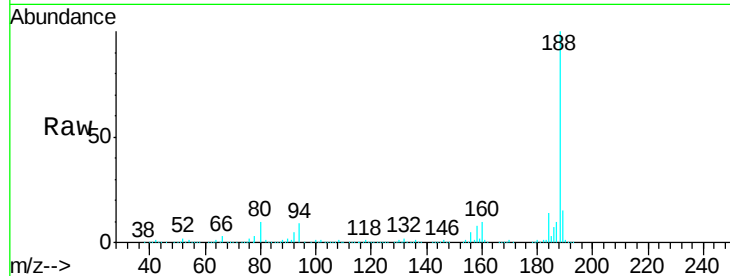




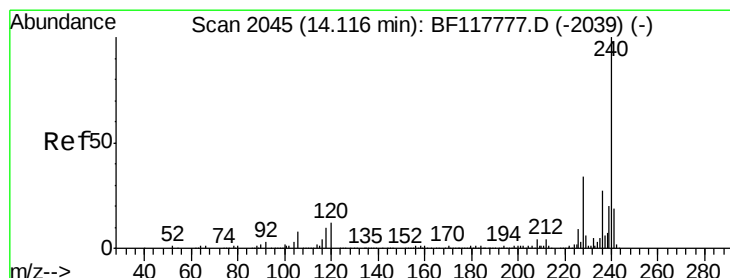
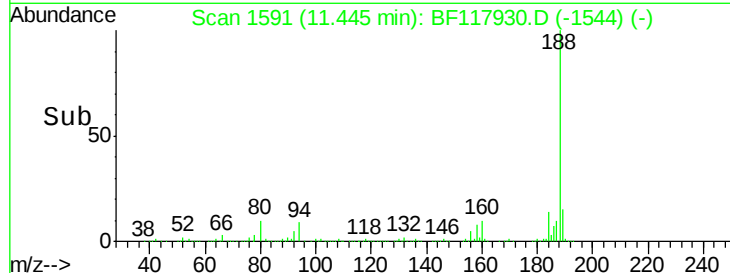
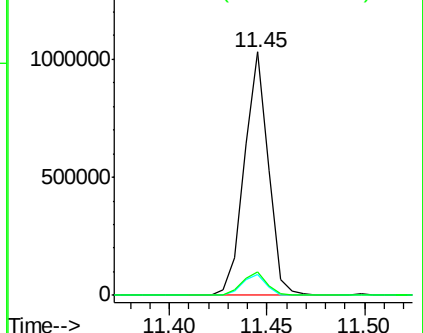
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.02 min
Lab File: BF117930.D
Acq: 22 Nov 2019 20:53

Instrument :
BNA_F
ClientSampled :
PB124780BL

Tgt Ion:188 Resp: 875950
Ion Ratio Lower Upper
188 100
94 8.7 6.6 10.0
80 9.9 7.2 10.8

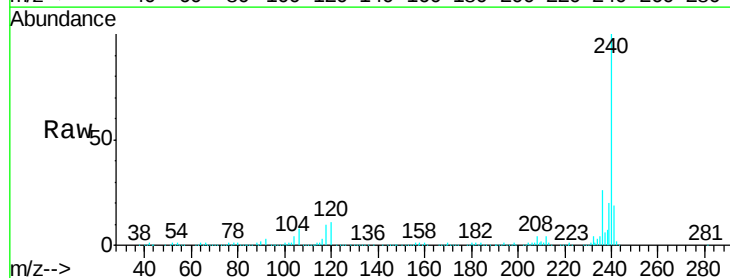


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

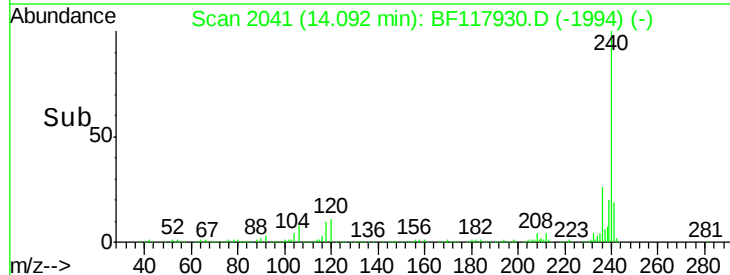
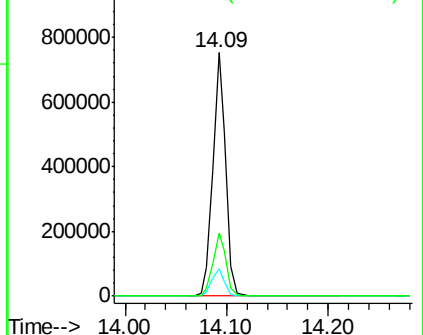


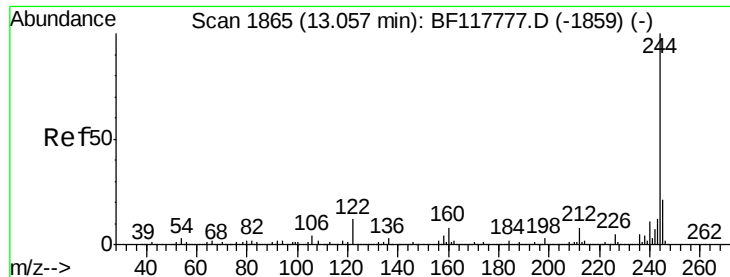
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.02 min
Lab File: BF117930.D
Acq: 22 Nov 2019 20:53

Tgt Ion:240 Resp: 658541
Ion Ratio Lower Upper
240 100
120 11.1 9.5 14.3
236 26.1 21.3 31.9



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: 79.683 ng

RT: 13.04 min Scan# 1862

Delta R.T. -0.02 min

Lab File: BF117930.D

Acq: 22 Nov 2019 20:53

Instrument :

BNA_F

ClientSampleId :

PB124780BL

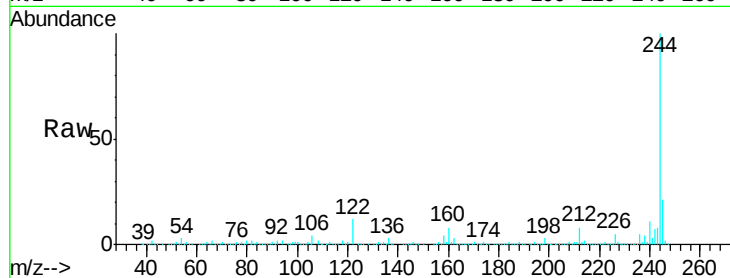
Tgt Ion:244 Resp: 2871228

Ion Ratio Lower Upper

244 100

212 7.7 6.3 9.5

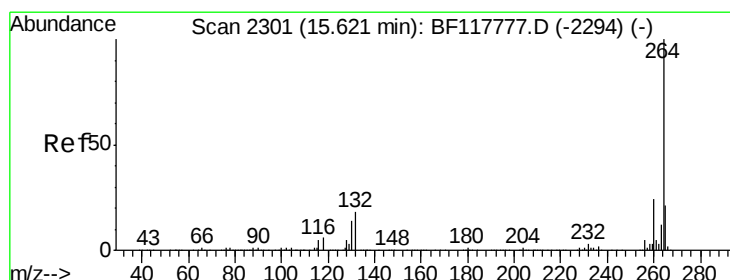
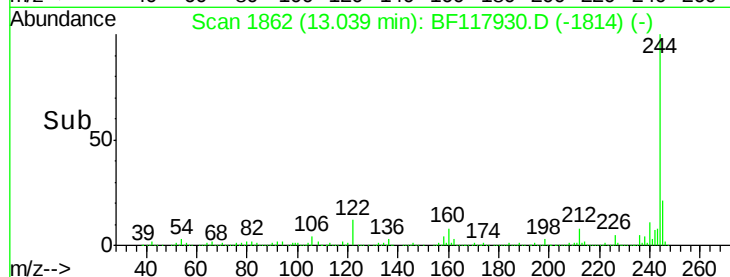
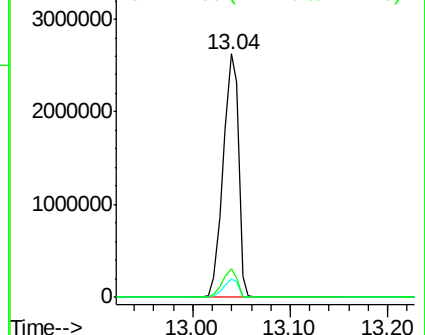
122 11.8 9.4 14.2



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: 15.60 min Scan# 2297

Delta R.T. -0.02 min

Lab File: BF117930.D

Acq: 22 Nov 2019 20:53

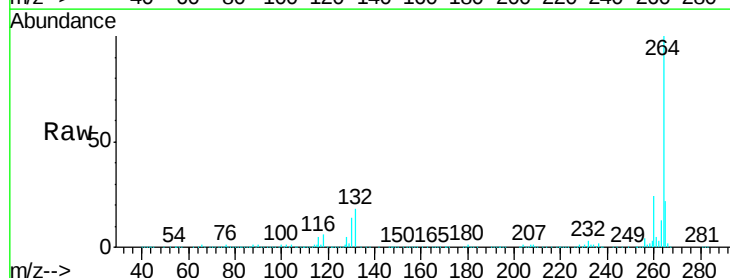
Tgt Ion:264 Resp: 644908

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.0

265 21.6 17.1 25.7



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

