

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
 Data File : BF117832.D
 Acq On : 18 Nov 2019 13:48
 Operator : JU
 Sample : PB124875BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB124875BL

Quant Time: Nov 18 15:29:41 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	6.92	152	272373	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	1046659	20.00	ng	-0.01
39) Acenaphthene-d10	9.97	164	557252	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	1089785	20.00	ng	0.00
76) Chrysene-d12	14.11	240	827099	20.00	ng	0.00
87) Perylene-d12	15.62	264	793783	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1943237	126.29	ng	0.01
7) Phenol-d6	6.55	99	2420369	130.41	ng	0.00
23) Nitrobenzene-d5	7.48	82	1523186	86.51	ng	-0.01
42) 2,4,6-Tribromophenol	10.76	330	792677	134.36	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	2833130	91.21	ng	0.00
79) Terphenyl-d14	13.06	244	3324999	73.47	ng	0.00

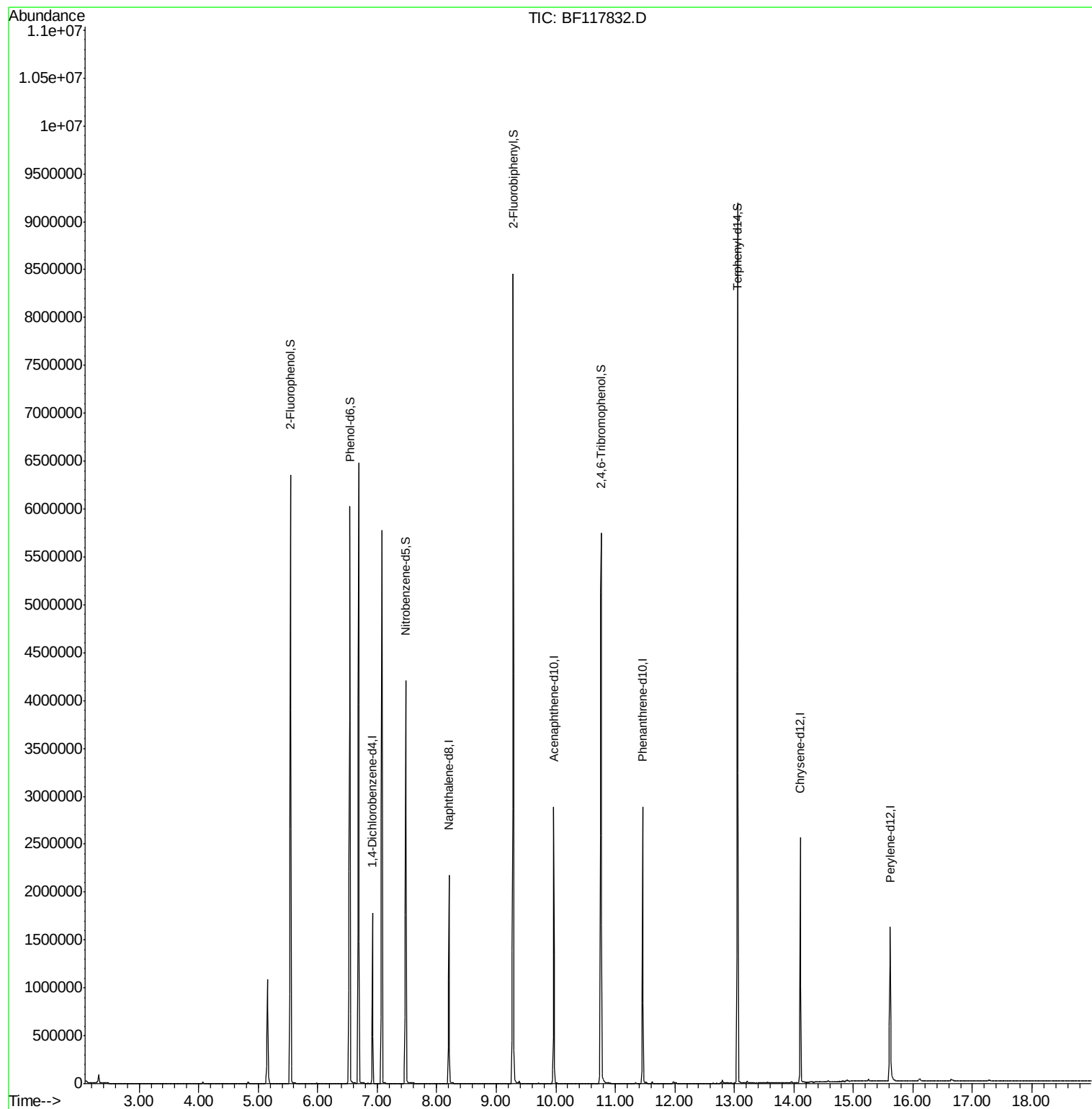
Target Compounds Qvalue

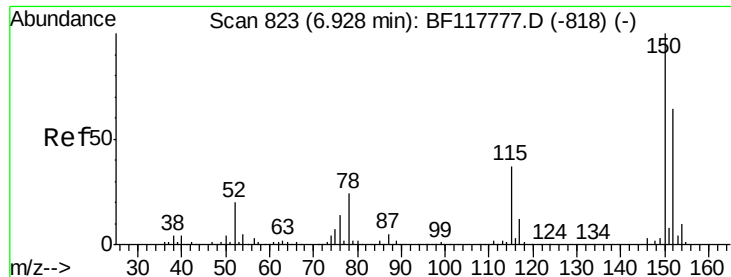
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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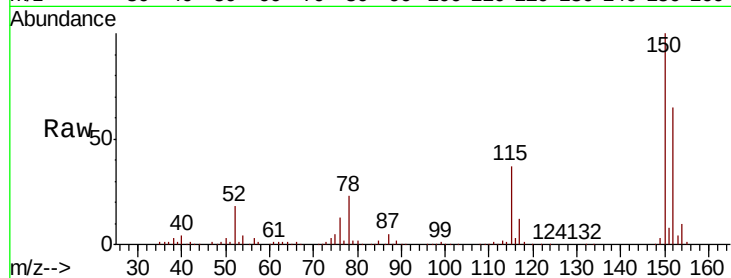


#1

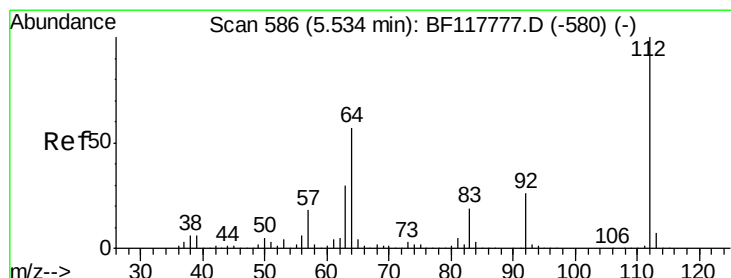
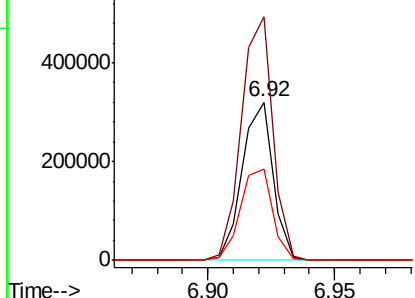
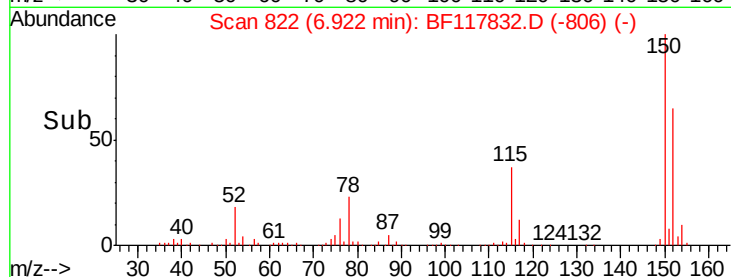
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF117832.D
Acq: 18 Nov 2019 13:48

Instrument :
BNA_F
ClientSampleId :
PB124875BL

Tot Ion:152 Resp: 272373
Ion Ratio Lower Upper
152 100
150 153.7 125.3 187.9
115 57.3 47.0 70.4



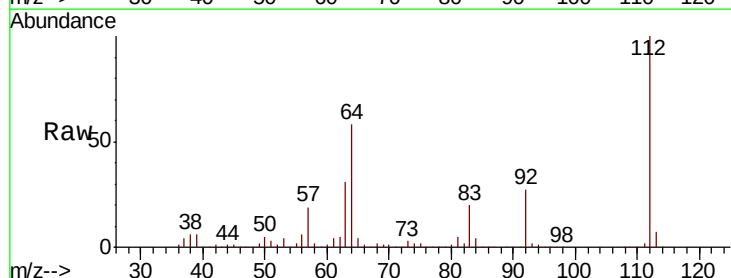
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



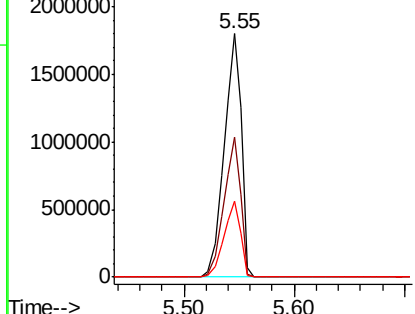
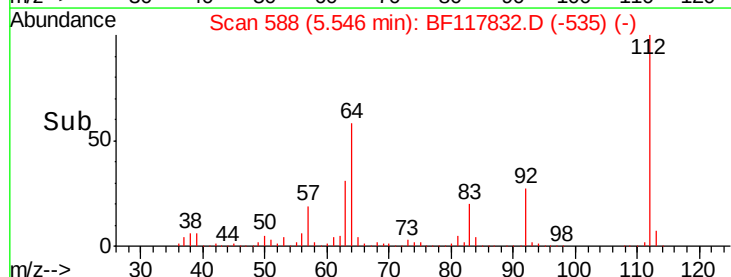
#5

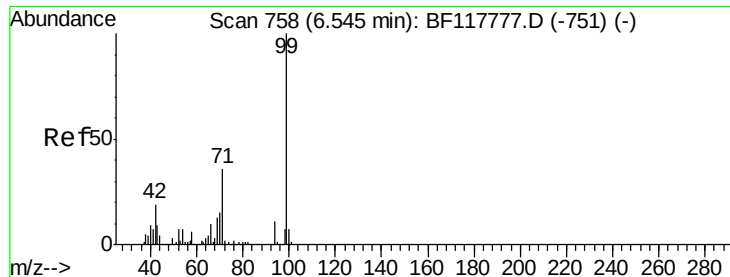
2-Fluorophenol
Concen: 126.288 ng
RT: 5.55 min Scan# 588
Delta R.T. 0.01 min
Lab File: BF117832.D
Acq: 18 Nov 2019 13:48

Tgt Ion:112 Resp: 1943237
Ion Ratio Lower Upper
112 100
64 57.7 45.6 68.4
63 31.2 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: 130.410 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF117832.D

Acq: 18 Nov 2019 13:48

Instrument :

BNA_F

ClientSampleId :

PB124875BL

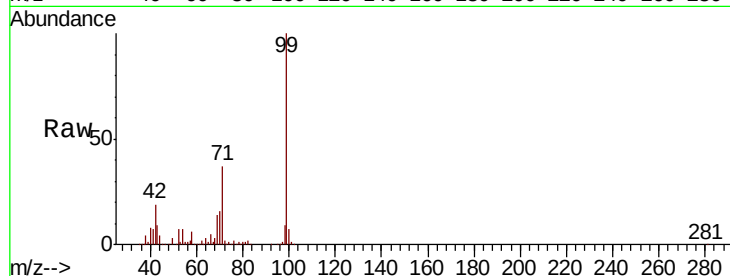
Tot Ion: 99 Resp: 2420369

Ion Ratio Lower Upper

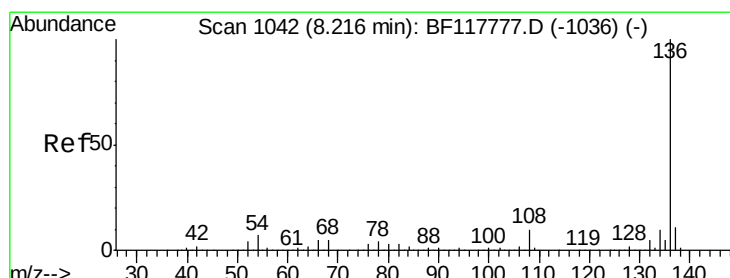
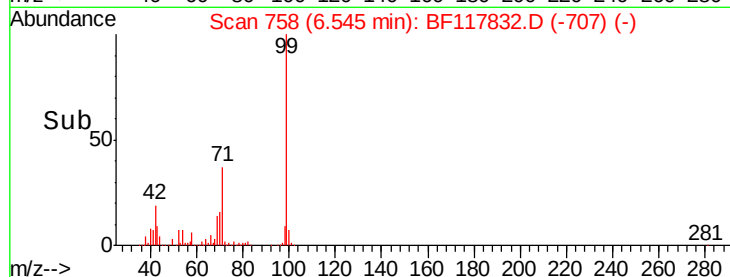
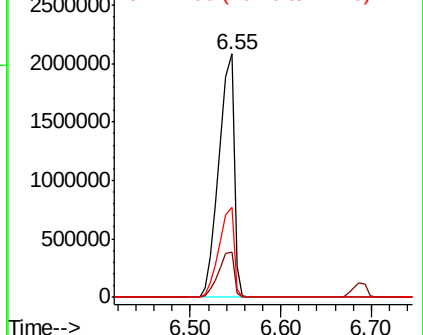
99 100

42 18.7 14.9 22.3

71 37.0 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: 8.20 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF117832.D

Acq: 18 Nov 2019 13:48

Tgt Ion: 136 Resp: 1046659

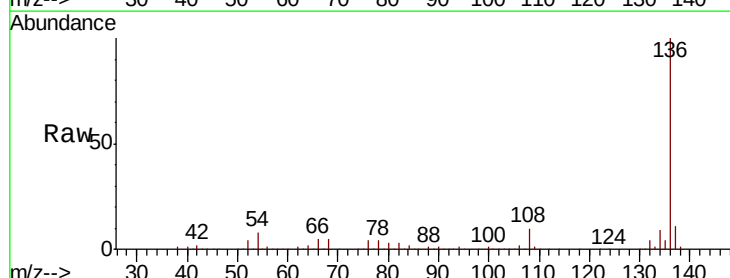
Ion Ratio Lower Upper

136 100

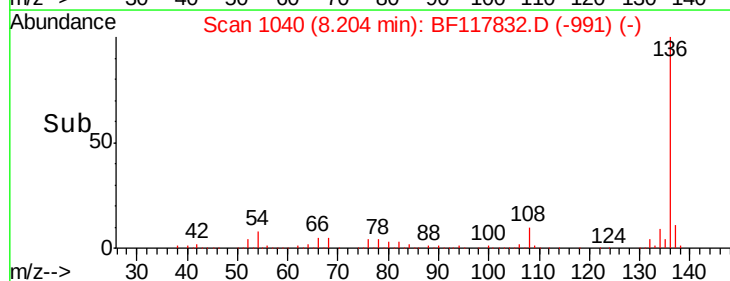
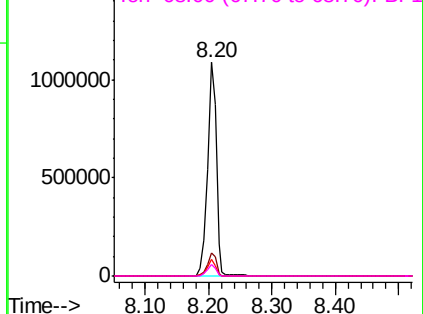
137 11.1 9.0 13.4

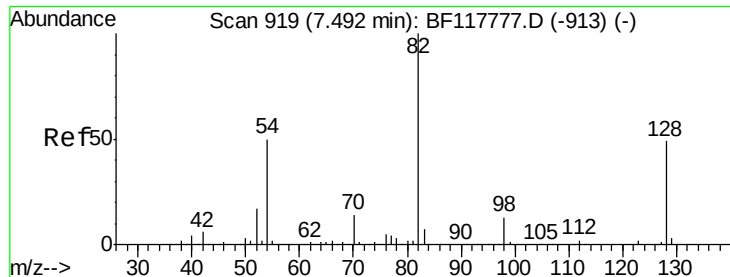
54 7.7 5.4 8.2

68 5.5 4.3 6.5



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

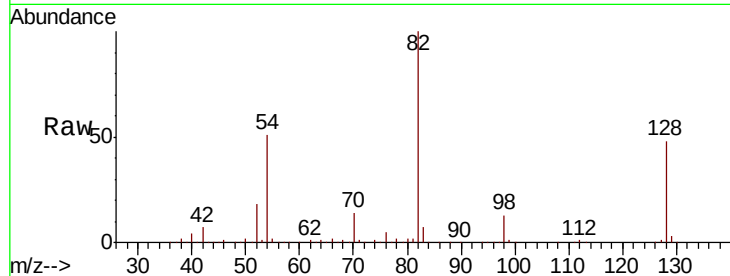




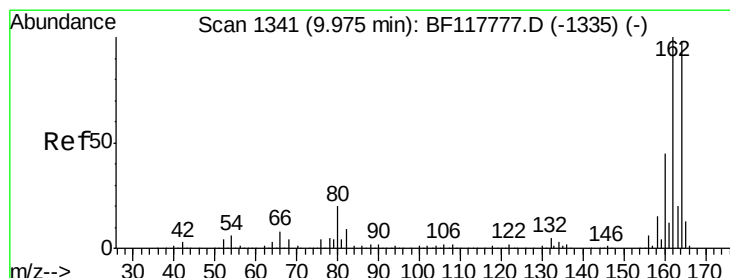
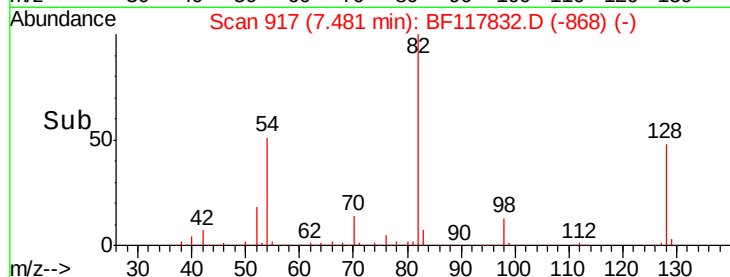
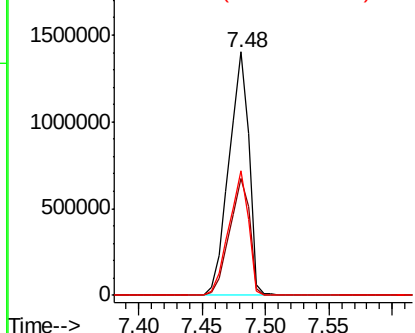
#23
Nitrobenzene-d5
Concen: 86.511 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF117832.D
Acq: 18 Nov 2019 13:48

Instrument :
BNA_F
ClientSampleId :
PB124875BL

Tot Ion: 82 Resp: 1523186
Ion Ratio Lower Upper
82 100
128 48.1 38.9 58.3
54 50.9 39.8 59.6

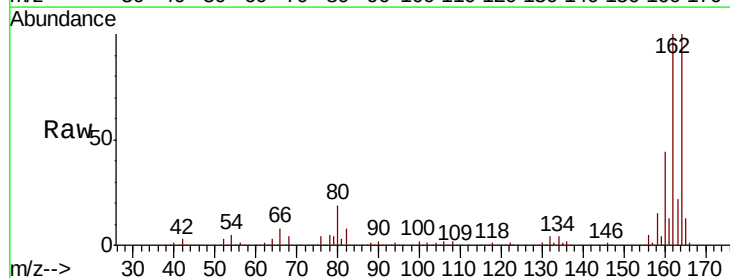


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

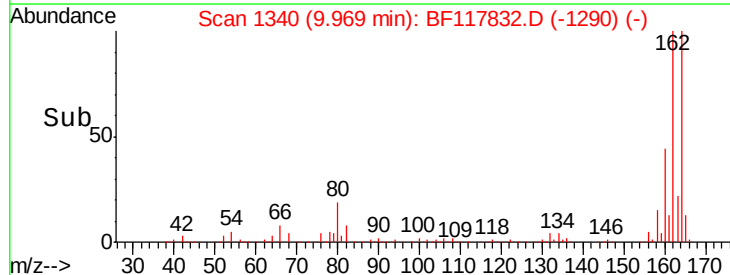
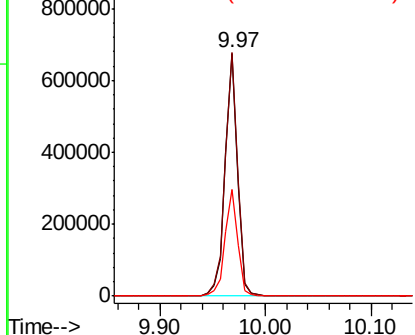


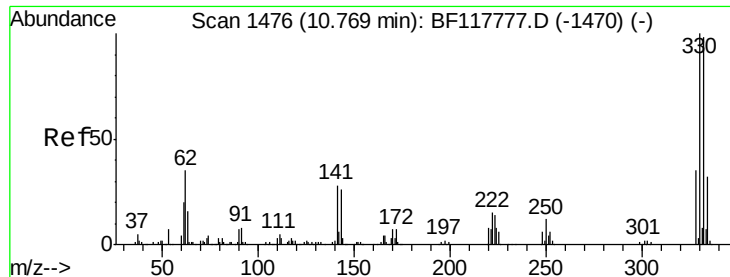
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF117832.D
Acq: 18 Nov 2019 13:48

Tgt Ion:164 Resp: 557252
Ion Ratio Lower Upper
164 100
162 100.4 81.3 121.9
160 44.1 36.6 55.0



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

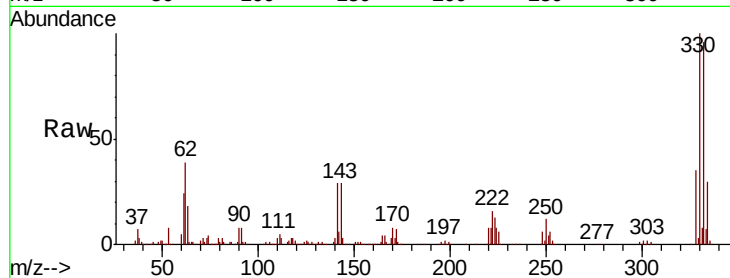




#42
 2,4,6-Tribromophenol
 Concen: 134.362 ng
 RT: 10.76 min Scan# 1475
 Delta R.T. -0.01 min
 Lab File: BF117832.D
 Acq: 18 Nov 2019 13:48

Instrument :
 BNA_F
 ClientSampleId :
 PB124875BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.7	115.1
141	32.9	27.7	41.5

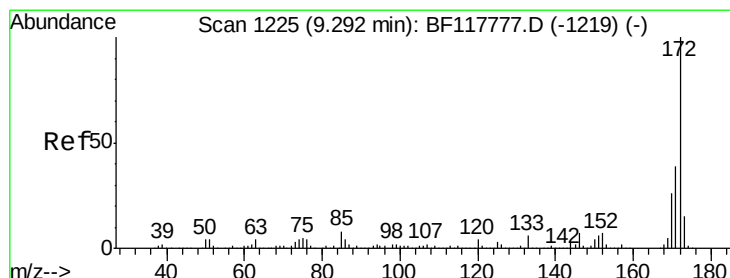
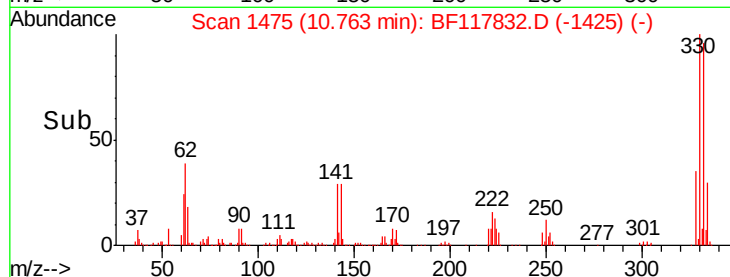
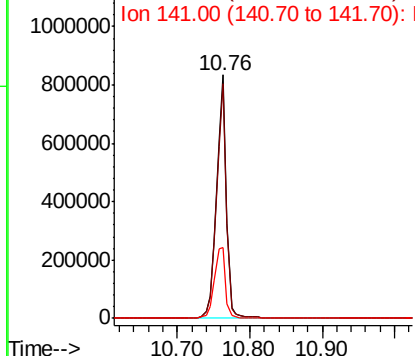


Abundance

Ion 329.80 (329.50 to 330.50): E

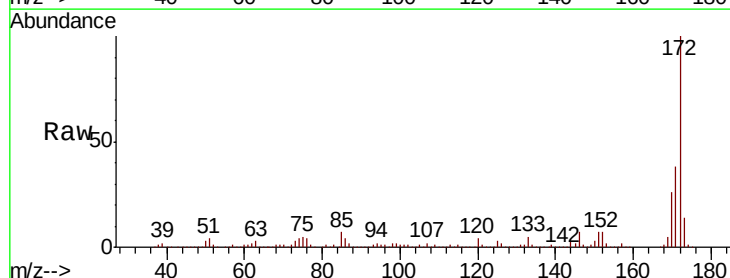
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 91.211 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF117832.D
 Acq: 18 Nov 2019 13:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.9	46.3
170	26.2	21.0	31.4

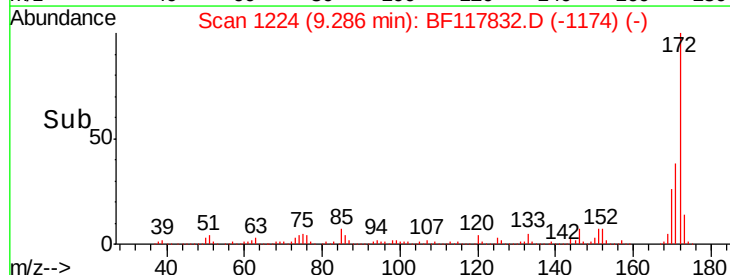
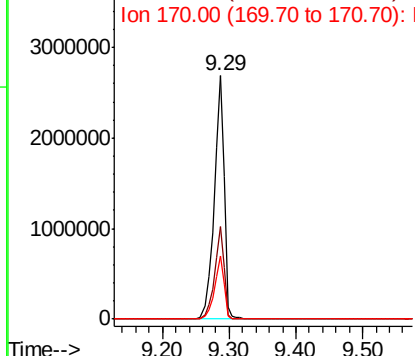


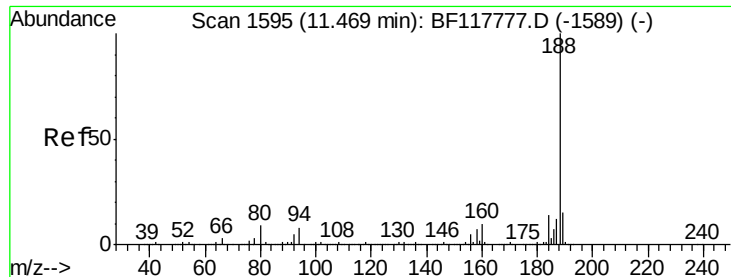
Abundance

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: 11.46 min Scan# 1594

Delta R.T. -0.01 min

Lab File: BF117832.D

Acq: 18 Nov 2019 13:48

Instrument :

BNA_F

ClientSampleId :

PB124875BL

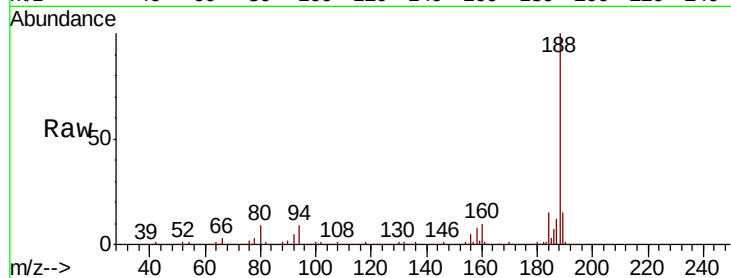
Tot Ion:188 Resp: 1089785

Ion Ratio Lower Upper

188 100

94 8.6 6.6 10.0

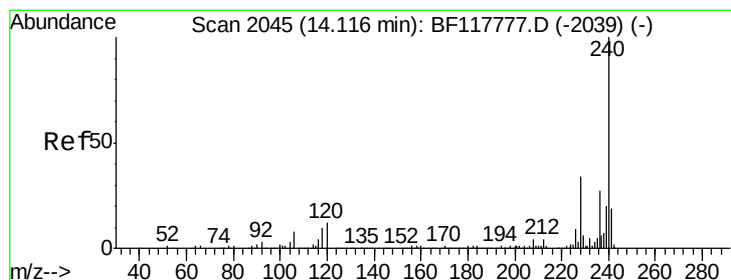
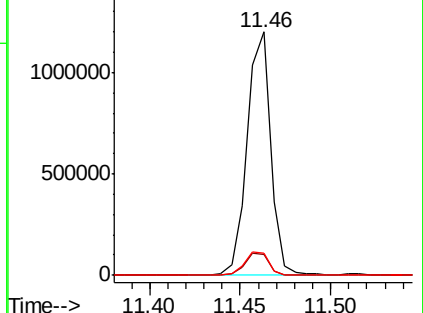
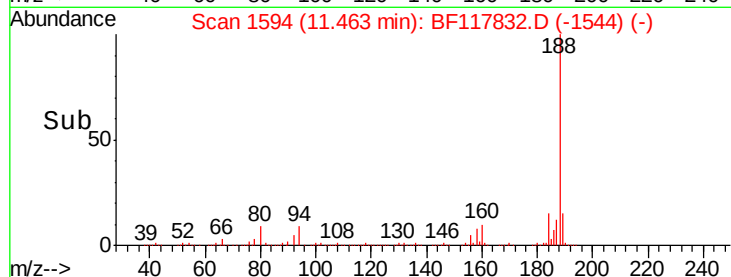
80 8.9 7.2 10.8



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: 14.11 min Scan# 2044

Delta R.T. -0.01 min

Lab File: BF117832.D

Acq: 18 Nov 2019 13:48

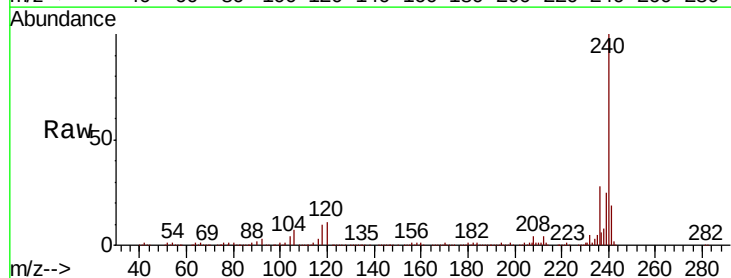
Tgt Ion:240 Resp: 827099

Ion Ratio Lower Upper

240 100

120 10.8 9.5 14.3

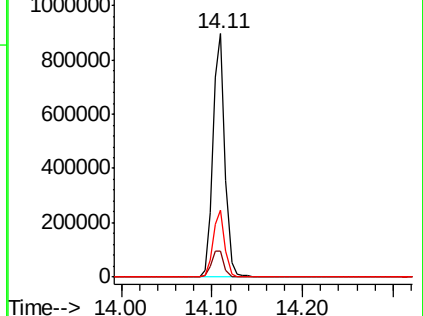
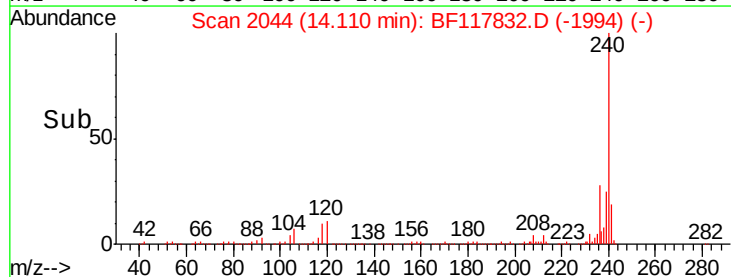
236 27.6 21.3 31.9

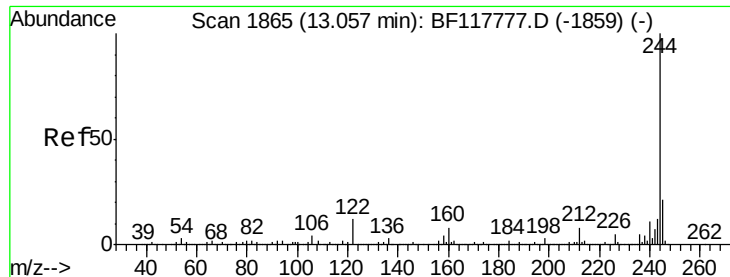


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 73.471 ng

RT: 13.06 min Scan# 1865

Delta R.T. 0.00 min

Lab File: BF117832.D

Acq: 18 Nov 2019 13:48

Instrument :

BNA_F

ClientSampleId :

PB124875BL

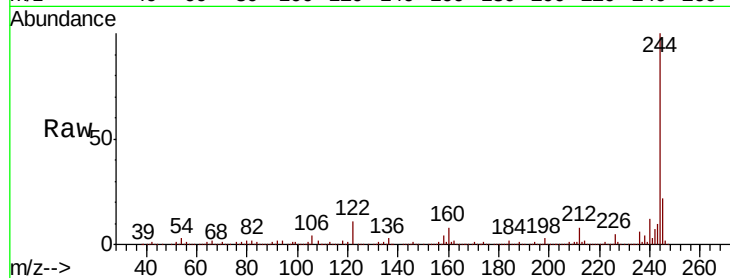
Tot Ion:244 Resp: 3324999

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.3	9.5
122	11.4	9.4	14.2

244 100

212 7.9 6.3 9.5

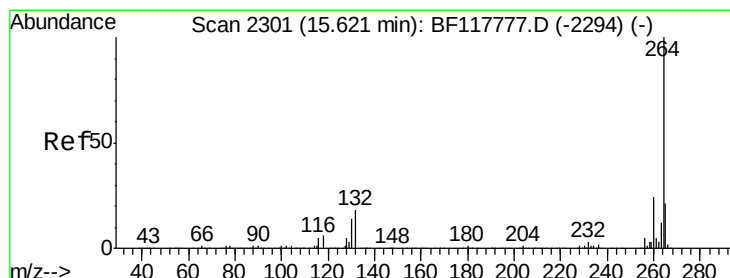
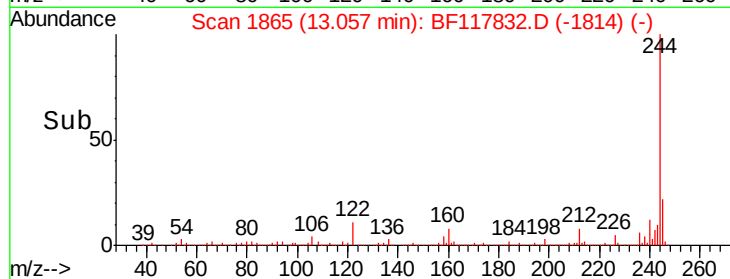
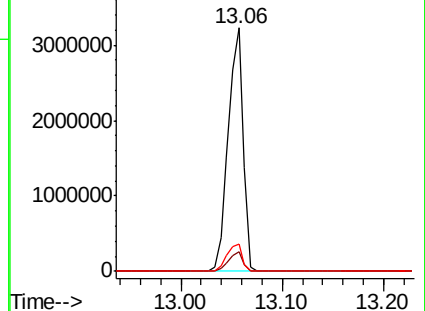
122 11.4 9.4 14.2



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: 15.62 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BF117832.D

Acq: 18 Nov 2019 13:48

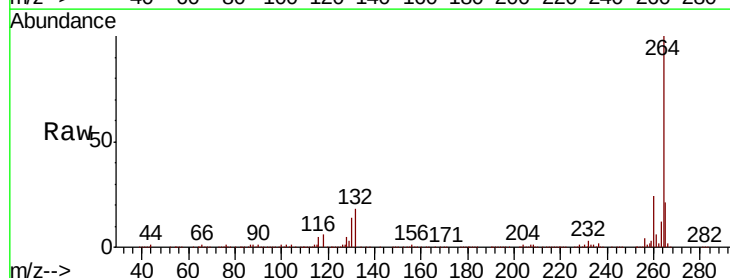
Tgt Ion:264 Resp: 793783

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.0
265	21.2	17.1	25.7

264 100

260 24.1 19.4 29.0

265 21.2 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

