

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112119\
 Data File : BF117907.D
 Acq On : 21 Nov 2019 13:00
 Operator : JU
 Sample : K5927-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-4B

Quant Time: Nov 21 15:38:27 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

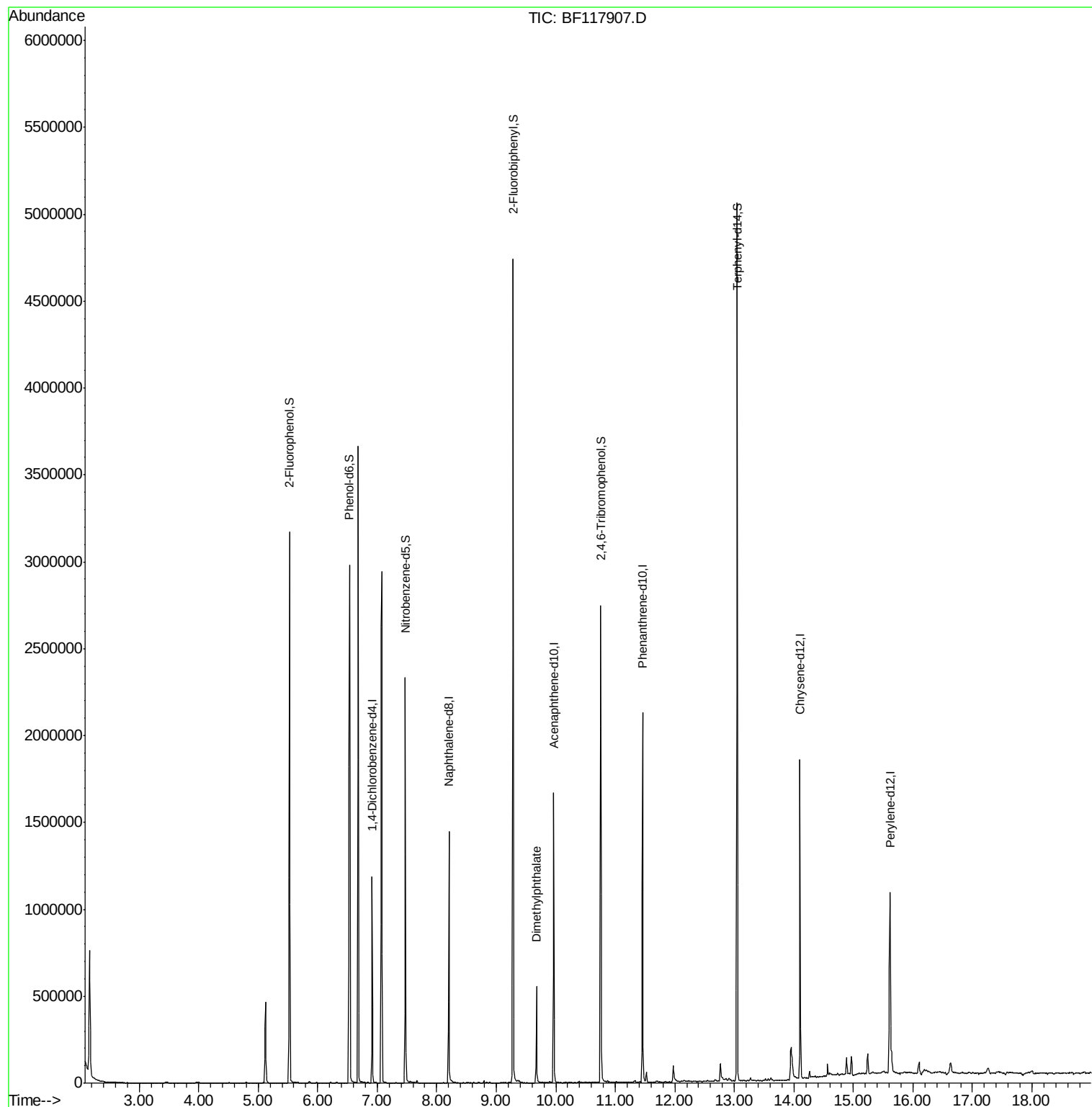
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	161567	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	652534	20.00	ng	-0.01
39) Acenaphthene-d10	9.96	164	353539	20.00	ng	-0.01
64) Phenanthrene-d10	11.46	188	718140	20.00	ng	-0.01
76) Chrysene-d12	14.10	240	553579	20.00	ng	-0.01
87) Perylene-d12	15.62	264	515756	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	867941	95.09	ng	0.00
7) Phenol-d6	6.54	99	1139257	103.48	ng	0.00
23) Nitrobenzene-d5	7.47	82	716616	65.28	ng	-0.02
42) 2,4,6-Tribromophenol	10.76	330	322600	86.19	ng	-0.01
45) 2-Fluorobiphenyl	9.28	172	1408335	71.47	ng	-0.01
79) Terphenyl-d14	13.05	244	1789642	59.08	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.67	163	227870	9.191	ng	Qvalue 98

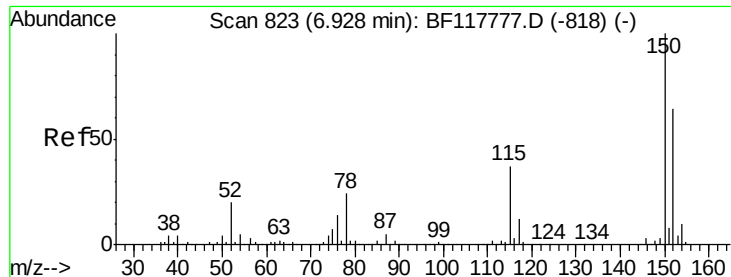
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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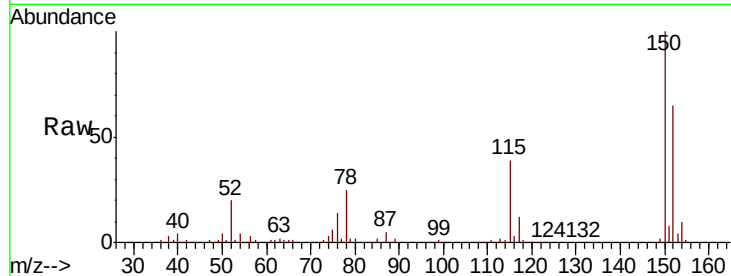


#1

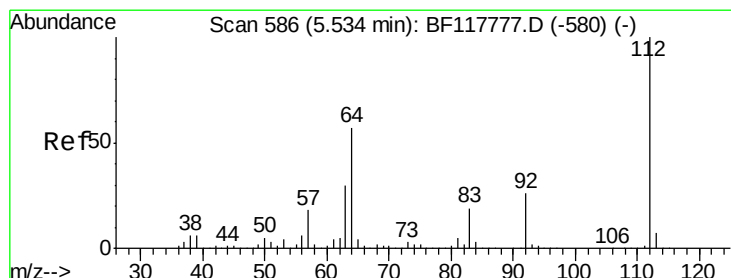
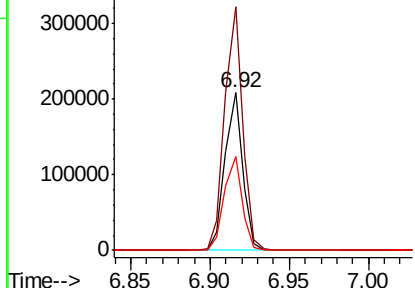
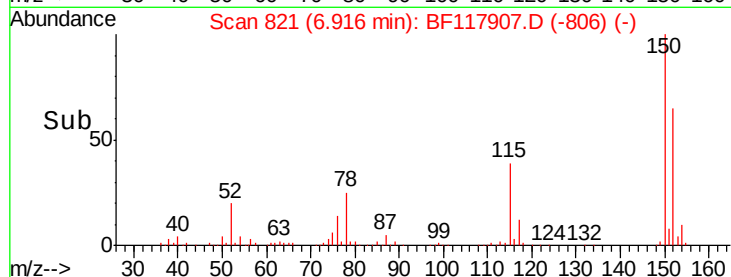
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF117907.D
Acq: 21 Nov 2019 13:00

Instrument :
BNA_F
ClientSampleId :
B-4B

Tot Ion:152 Resp: 161567
Ion Ratio Lower Upper
152 100
150 154.5 125.3 187.9
115 60.0 47.0 70.4



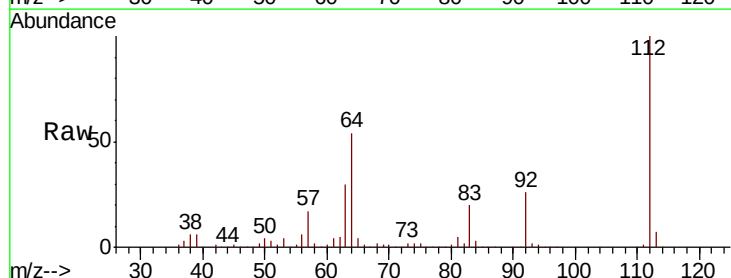
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



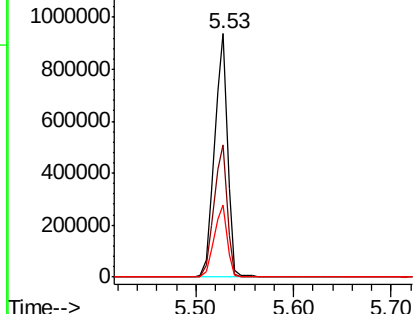
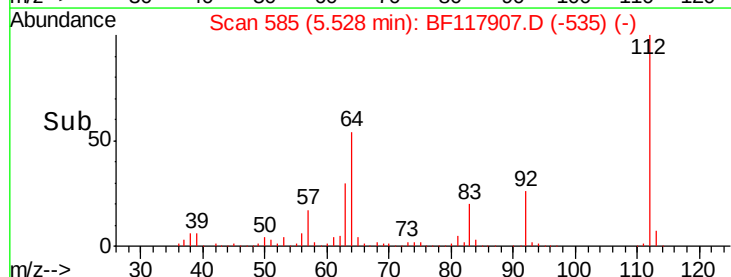
#5

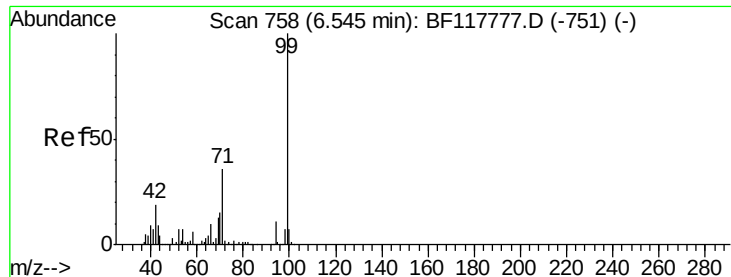
2-Fluorophenol
Concen: 95.090 ng
RT: 5.53 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF117907.D
Acq: 21 Nov 2019 13:00

Tgt Ion:112 Resp: 867941
Ion Ratio Lower Upper
112 100
64 54.5 45.6 68.4
63 29.5 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: 103.482 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF117907.D

Acq: 21 Nov 2019 13:00

Instrument :

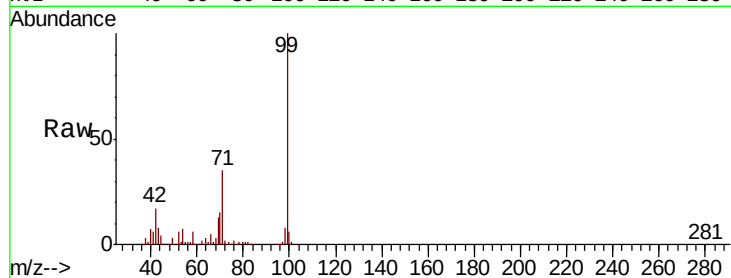
BNA_F

ClientSampled :

B-4B

Tot Ion: 99 Resp: 1139257

Ion	Ratio	Lower	Upper
99	100		
42	16.8	14.9	22.3
71	34.8	28.6	43.0

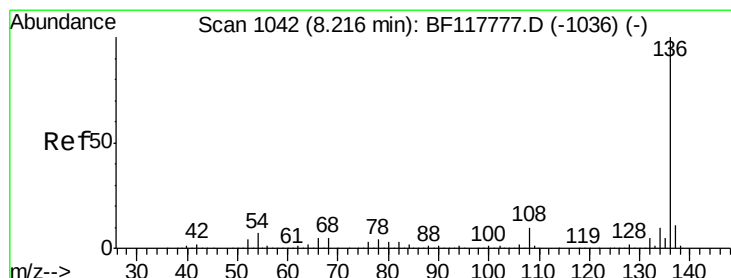
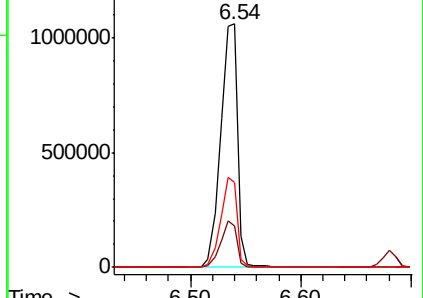
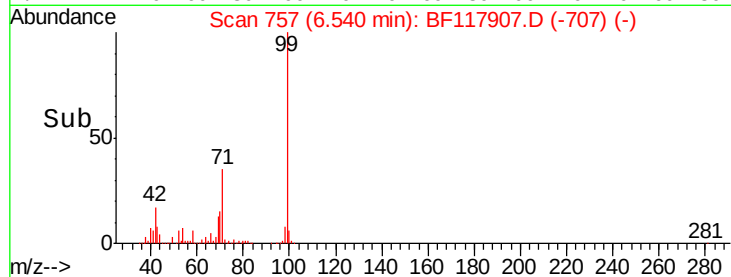


Abundance

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

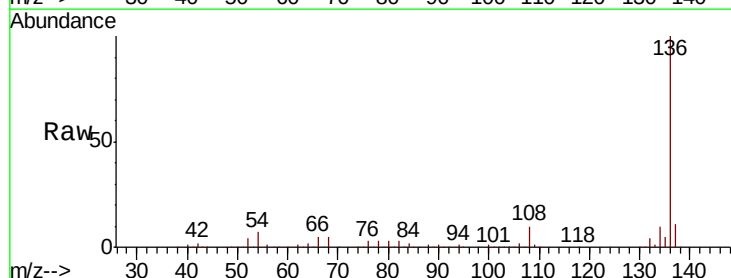
Delta R.T. -0.01 min

Lab File: BF117907.D

Acq: 21 Nov 2019 13:00

Tgt Ion: 136 Resp: 652534

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	6.6	5.4	8.2
68	4.9	4.3	6.5



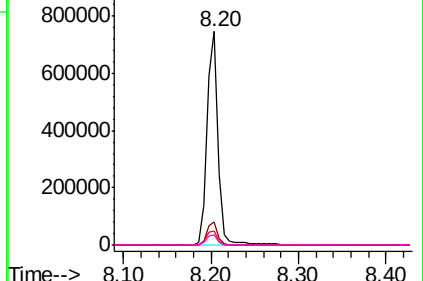
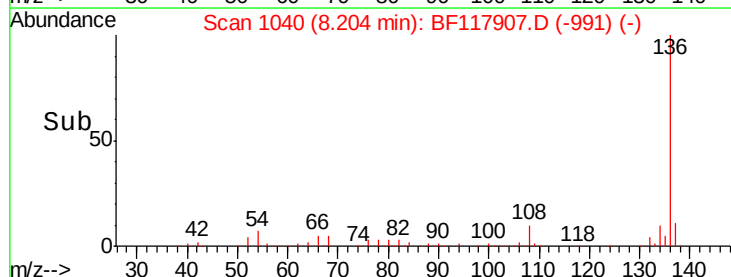
Abundance

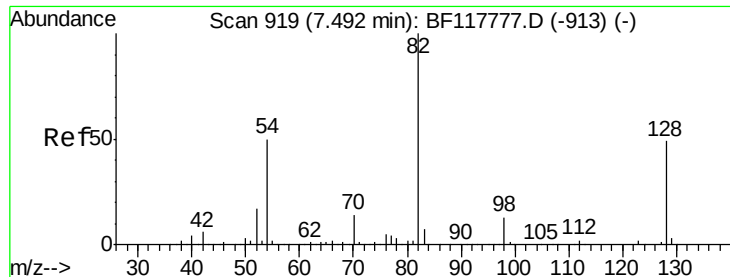
Ion 136.00 (135.70 to 136.70): E

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

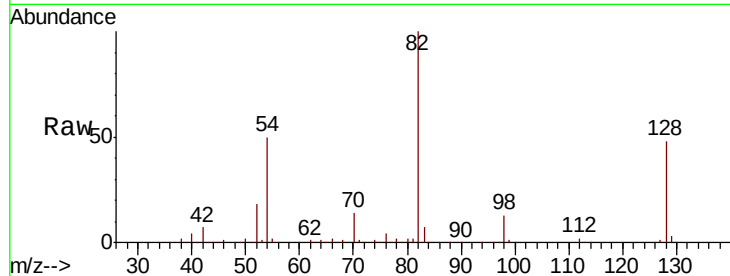




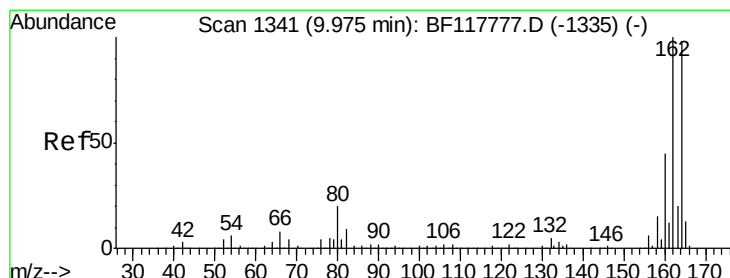
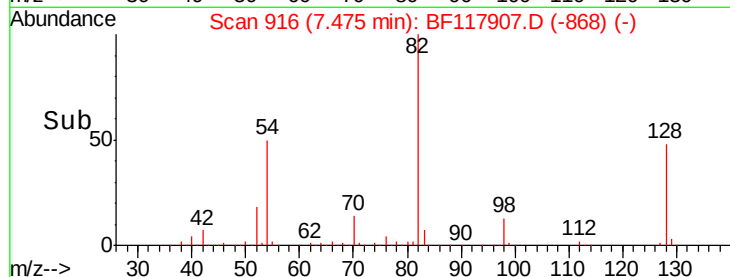
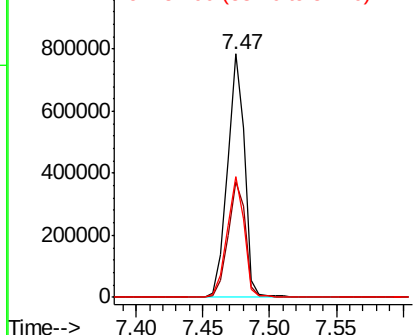
#23
Nitrobenzene-d5
Concen: 65.284 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF117907.D
Acq: 21 Nov 2019 13:00

Instrument :
BNA_F
ClientSampled :
B-4B

Tot Ion: 82 Resp: 716616
Ion Ratio Lower Upper
82 100
128 47.7 38.9 58.3
54 49.8 39.8 59.6

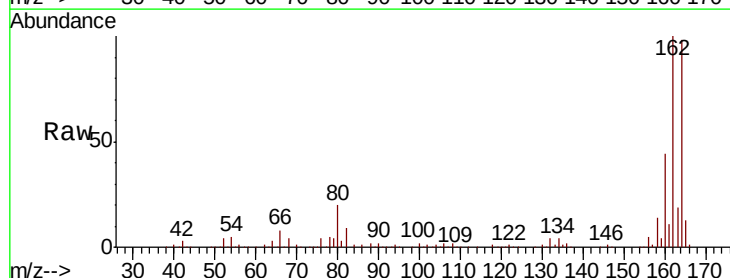


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

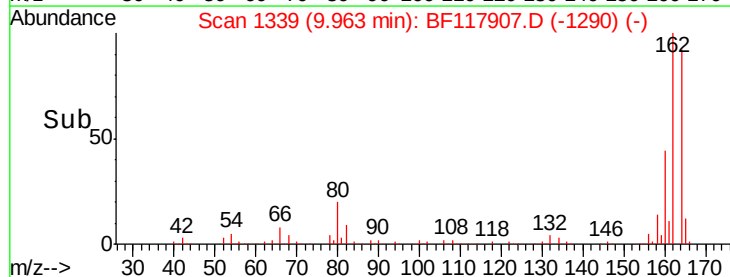
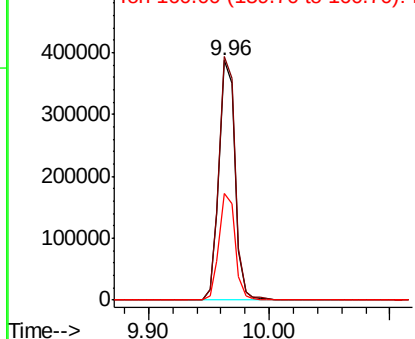


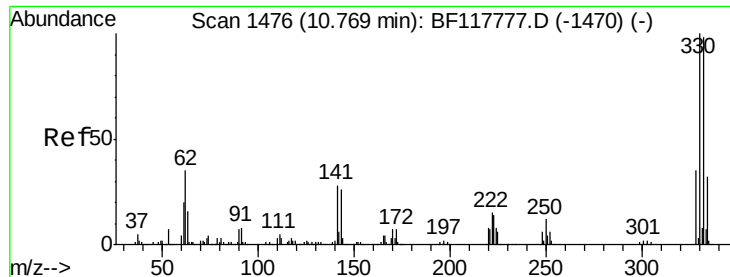
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF117907.D
Acq: 21 Nov 2019 13:00

Tgt Ion:164 Resp: 353539
Ion Ratio Lower Upper
164 100
162 101.8 81.3 121.9
160 44.6 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

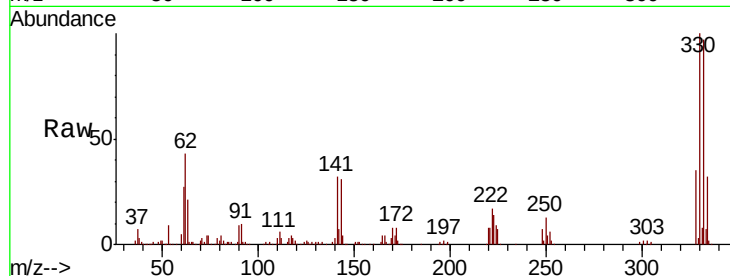




#42
 2,4,6-Tribromophenol
 Concen: 86.190 ng
 RT: 10.76 min Scan# 1474
 Delta R.T. -0.01 min
 Lab File: BF117907.D
 Acq: 21 Nov 2019 13:00

Instrument :
 BNA_F
 ClientSampled :
 B-4B

Tot Ion	330	Resp	322600
Ion Ratio	100		
Lower	76.7		
Upper	115.1		
332	96.7		
141	34.4		
	27.7		
	41.5		

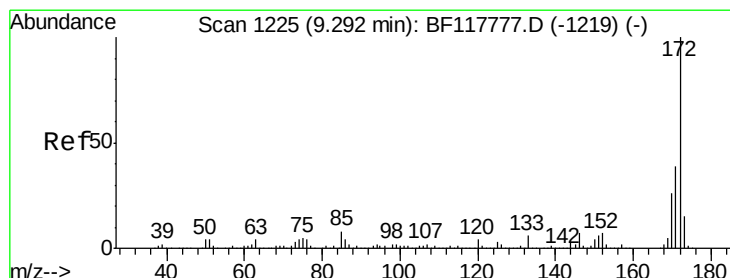
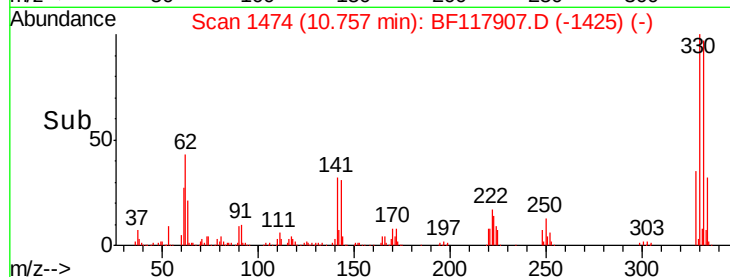
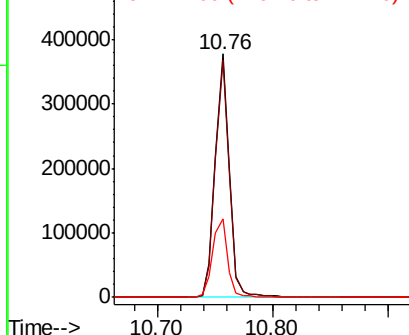


Abundance

Ion 329.80 (329.50 to 330.50): E

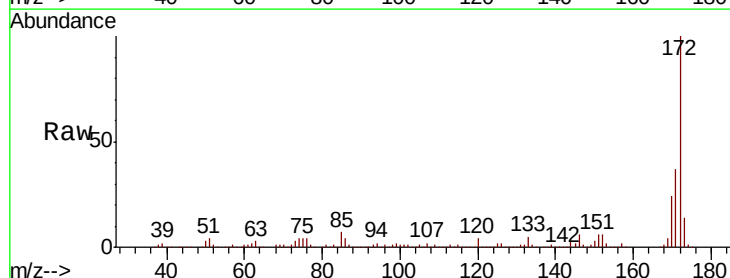
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 71.466 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF117907.D
 Acq: 21 Nov 2019 13:00

Tgt Ion	172	Resp	1408335
Ion Ratio	100		
Lower	30.9		
Upper	46.3		
171	37.2		
170	24.4		
	21.0		
	31.4		

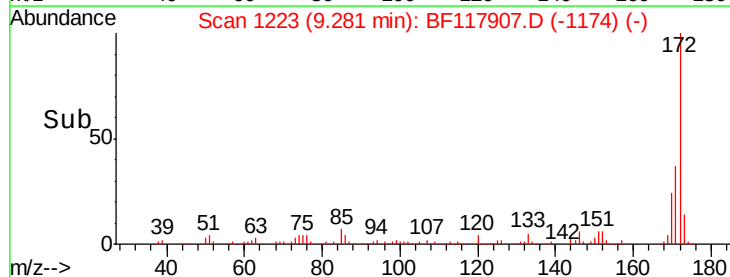
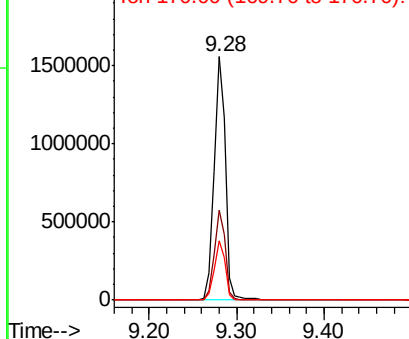


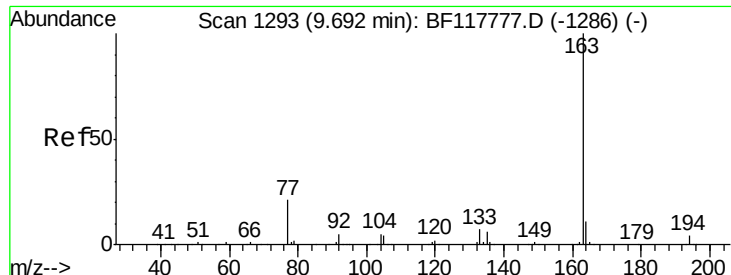
Abundance

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

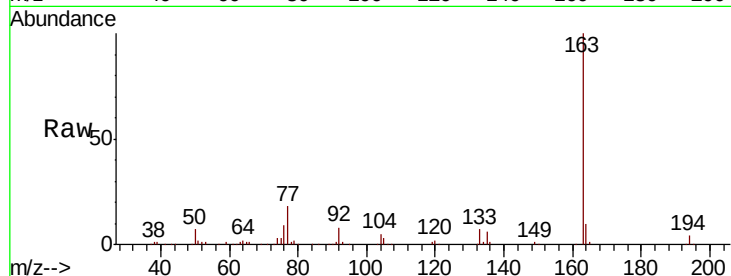




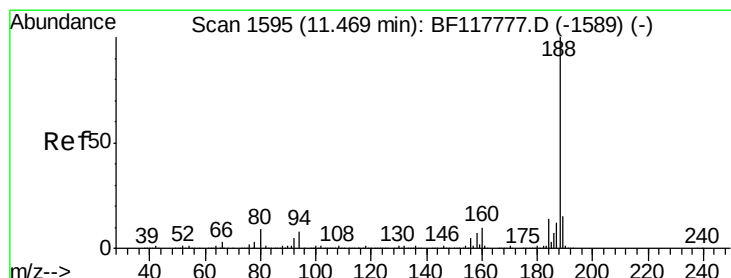
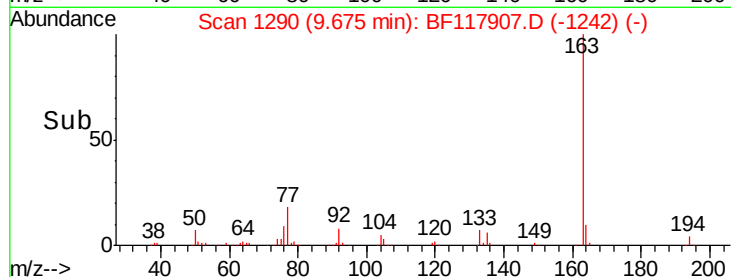
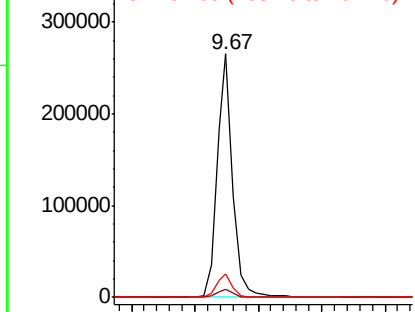
#50
Dimethylphthalate
Concen: 9.191 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF117907.D
Acq: 21 Nov 2019 13:00

Instrument :
BNA_F
ClientSampleId :
B-4B

Tot Ion:163 Resp: 227870
Ion Ratio Lower Upper
163 100
194 3.6 3.3 4.9
164 9.8 8.7 13.1

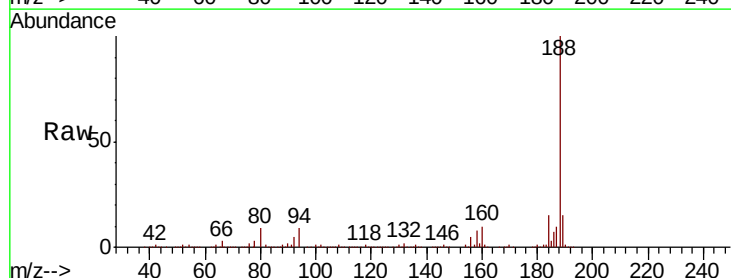


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

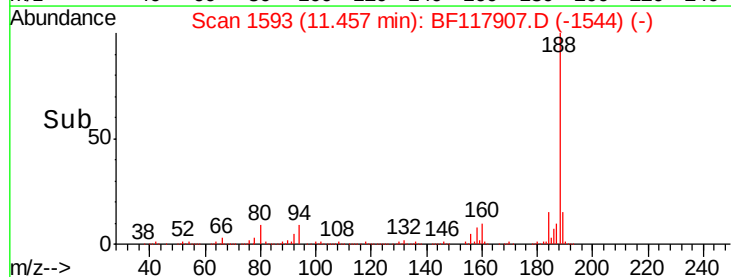
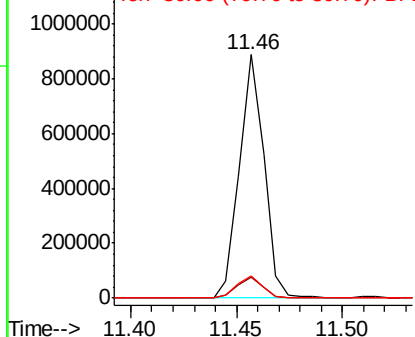


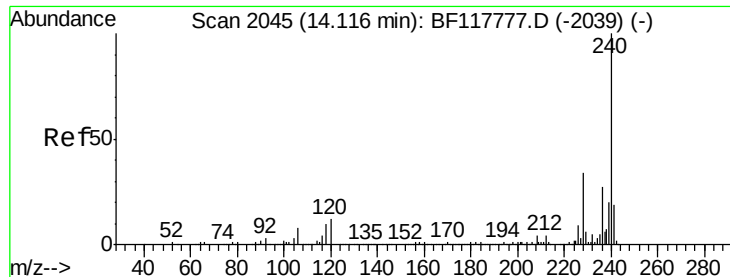
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BF117907.D
Acq: 21 Nov 2019 13:00

Tgt Ion:188 Resp: 718140
Ion Ratio Lower Upper
188 100
94 8.6 6.6 10.0
80 9.2 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: 14.10 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BF117907.D

Acq: 21 Nov 2019 13:00

Instrument :

BNA_F

ClientSampleId :

B-4B

Tot Ion:240 Resp: 553579

Ion Ratio Lower Upper

240 100

120 12.0 9.5 14.3

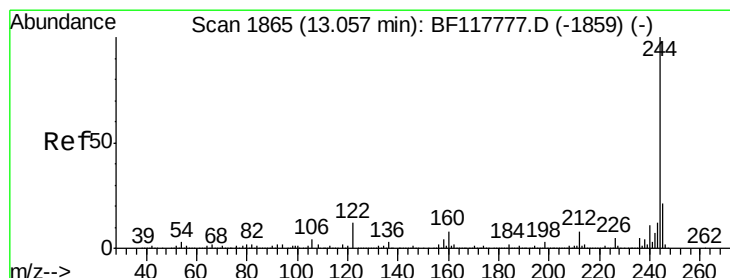
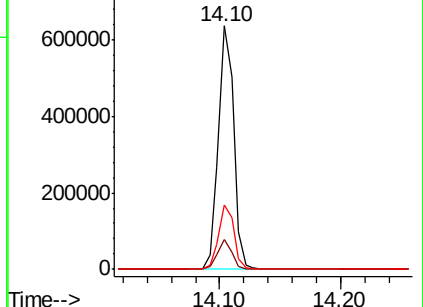
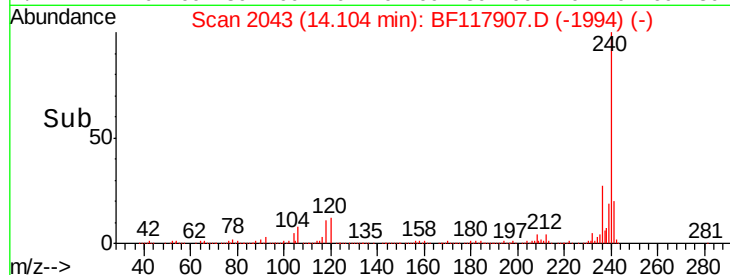
236 26.6 21.3 31.9



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: 59.084 ng

RT: 13.05 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BF117907.D

Acq: 21 Nov 2019 13:00

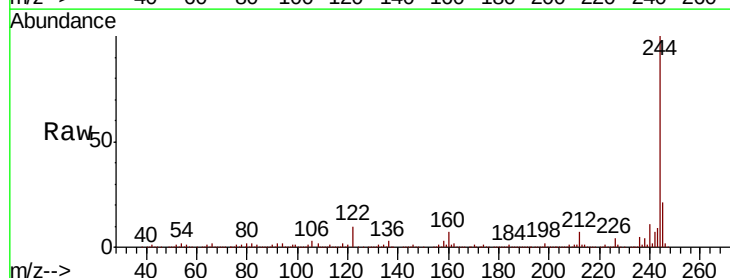
Tgt Ion:244 Resp: 1789642

Ion Ratio Lower Upper

244 100

212 7.2 6.3 9.5

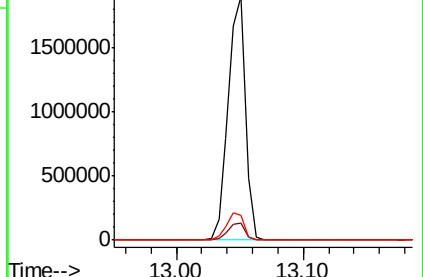
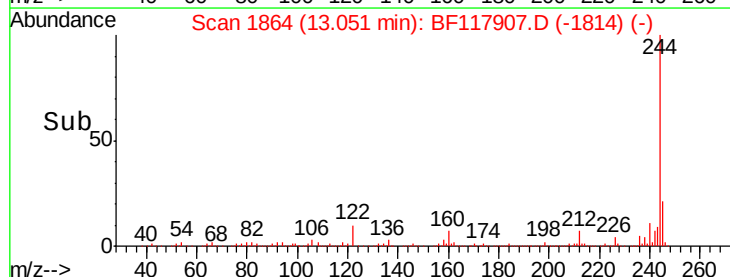
122 10.0 9.4 14.2

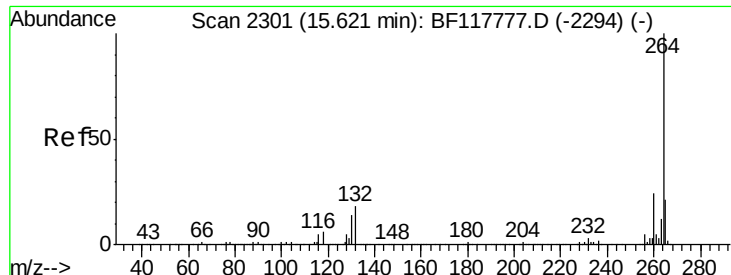


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.62 min Scan# 2300
 Delta R.T. -0.01 min
 Lab File: BF117907.D
 Acq: 21 Nov 2019 13:00

Instrument :
 BNA_F
 ClientSampleId :
 B-4B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.0
265	21.0	17.1	25.7

