

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111519\
 Data File : BF117809.D
 Acq On : 15 Nov 2019 18:08
 Operator : JU
 Sample : K5861-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-8

Quant Time: Nov 18 03:03:03 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

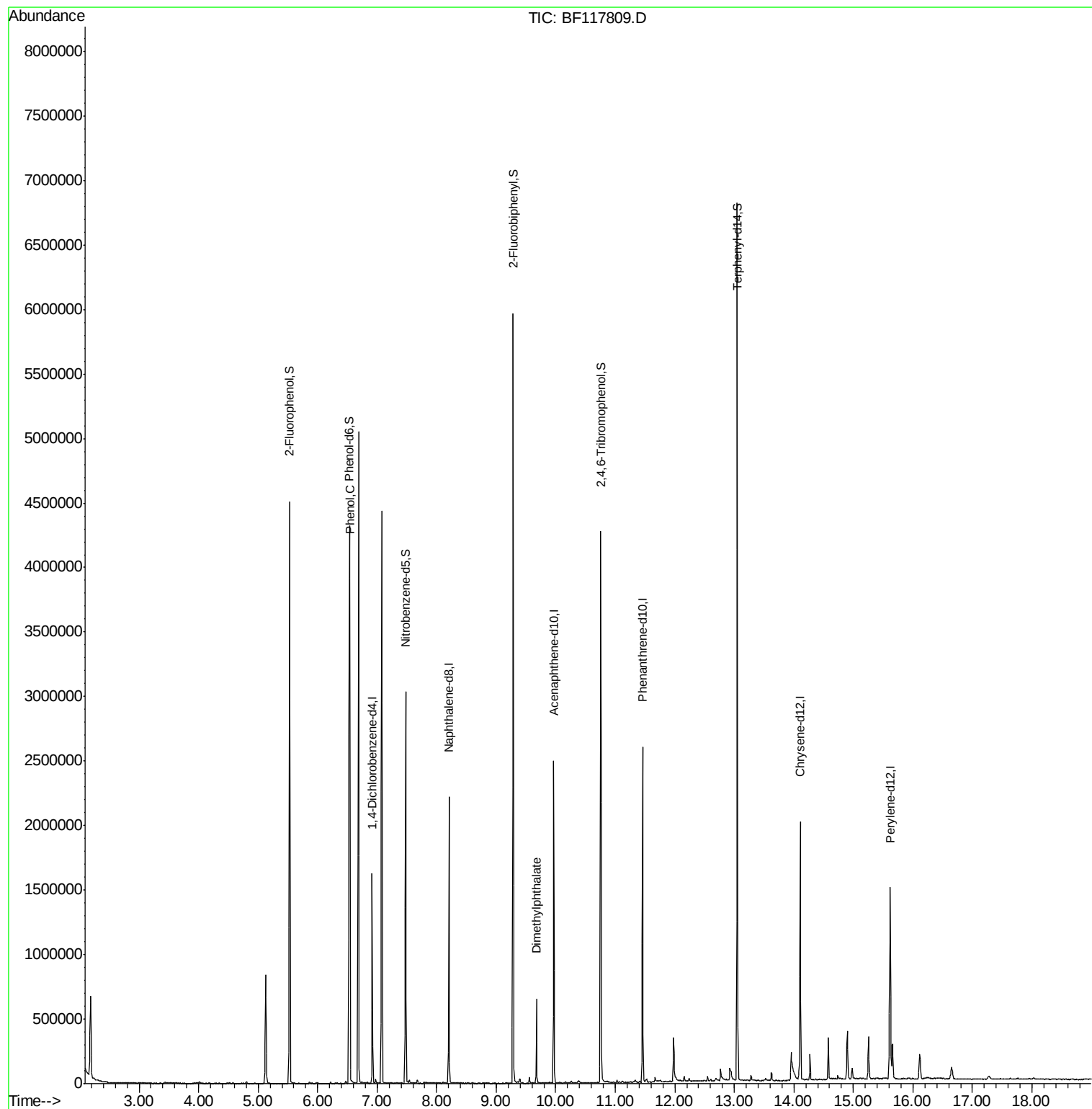
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	233774	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	905249	20.00	ng	-0.01
39) Acenaphthene-d10	9.97	164	481807	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	922536	20.00	ng	-0.01
76) Chrysene-d12	14.11	240	689941	20.00	ng	0.00
87) Perylene-d12	15.62	264	723047	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1262256	95.58	ng	0.00
7) Phenol-d6	6.53	99	1606606	100.86	ng	-0.01
23) Nitrobenzene-d5	7.48	82	970649	63.74	ng	-0.01
42) 2,4,6-Tribromophenol	10.76	330	500874	98.19	ng	-0.01
45) 2-Fluorobiphenyl	9.29	172	1857617	69.17	ng	0.00
79) Terphenyl-d14	13.05	244	2246324	59.50	ng	0.00
Target Compounds						
10) Phenol	6.55	94	38970	2.354	ng	94
50) Dimethylphthalate	9.67	163	235282	6.964	ng	98

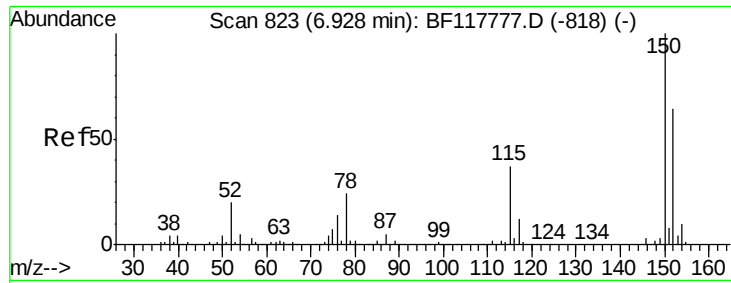
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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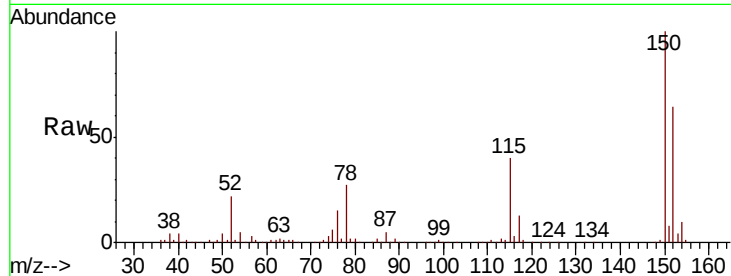


#1

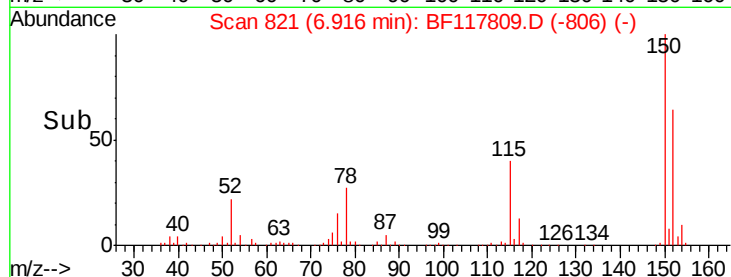
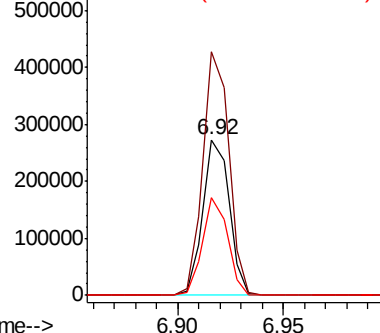
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF117809.D
Acq: 15 Nov 2019 18:08

Instrument :
BNA_F
ClientSampled :
EP-8

Tot Ion:152 Resp: 233774
Ion Ratio Lower Upper
152 100
150 156.1 125.3 187.9
115 62.4 47.0 70.4



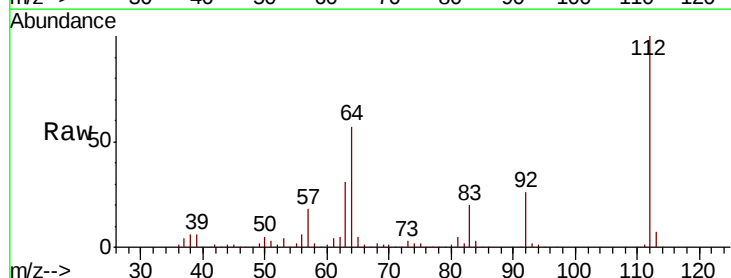
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



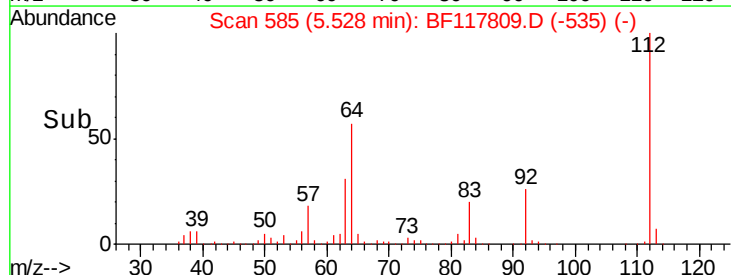
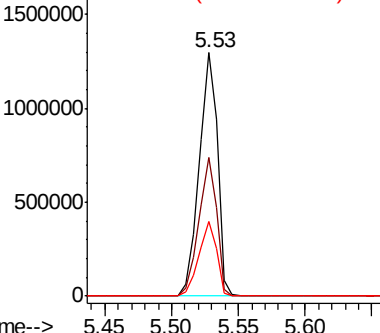
#5

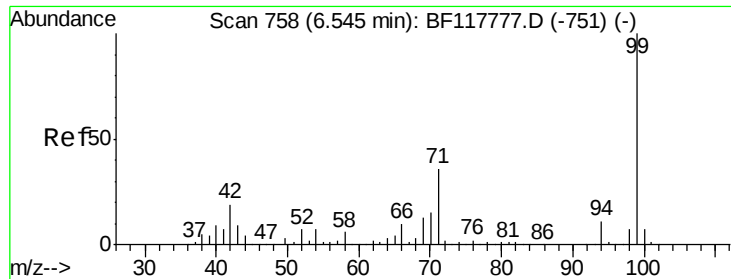
2-Fluorophenol
Concen: 95.576 ng
RT: 5.53 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF117809.D
Acq: 15 Nov 2019 18:08

Tgt Ion:112 Resp: 1262256
Ion Ratio Lower Upper
112 100
64 57.0 45.6 68.4
63 30.7 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: 100.857 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF117809.D

Acq: 15 Nov 2019 18:08

Instrument :

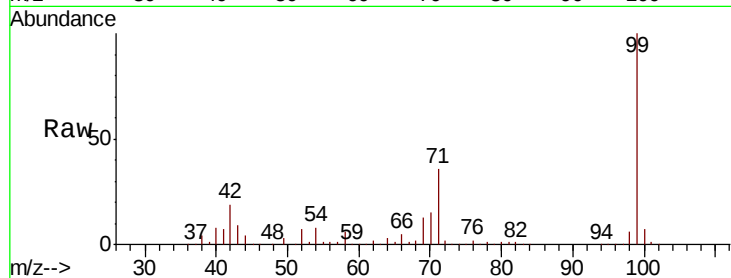
BNA_F

ClientSampleId :

EP-8

Tot Ion: 99 Resp: 1606606

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.9	22.3
71	36.2	28.6	43.0

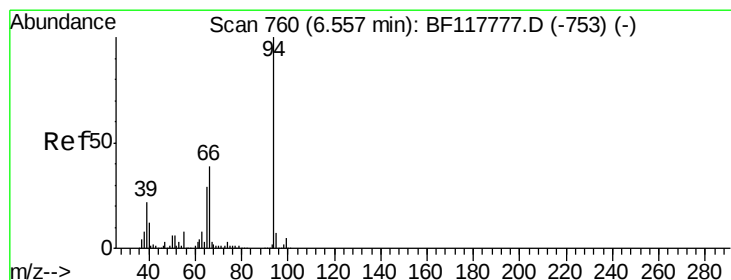
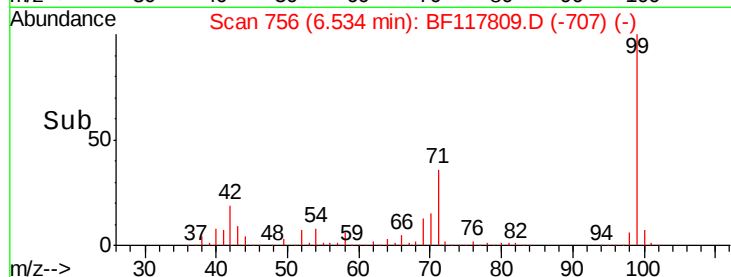
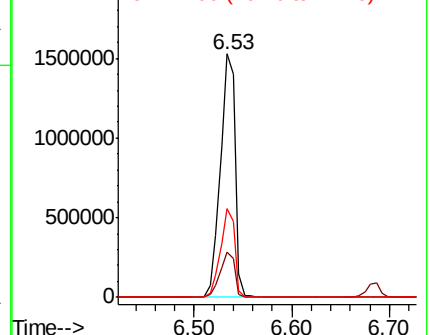


Abundance

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



#10

Phenol

Concen: 2.354 ng

RT: 6.55 min Scan# 758

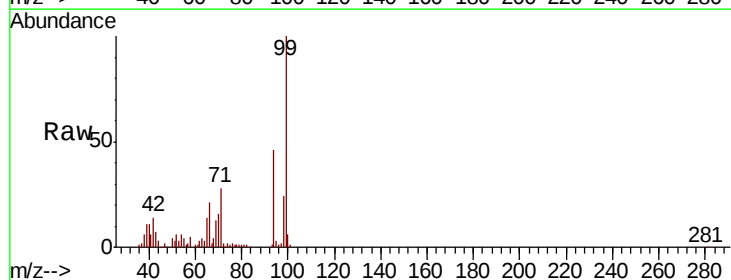
Delta R.T. -0.01 min

Lab File: BF117809.D

Acq: 15 Nov 2019 18:08

Tgt Ion: 94 Resp: 38970

Ion	Ratio	Lower	Upper
94	100		
65	30.1	8.9	48.9
66	44.4	18.7	58.7

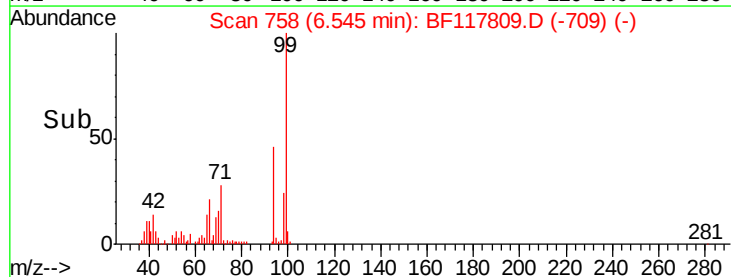
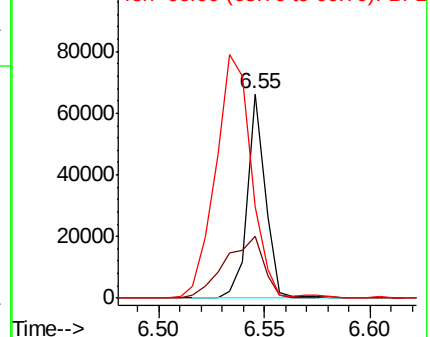


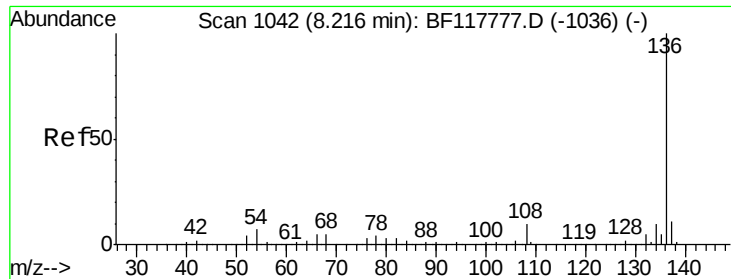
Abundance

Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

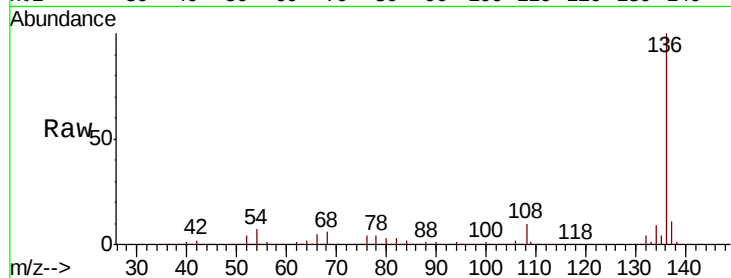




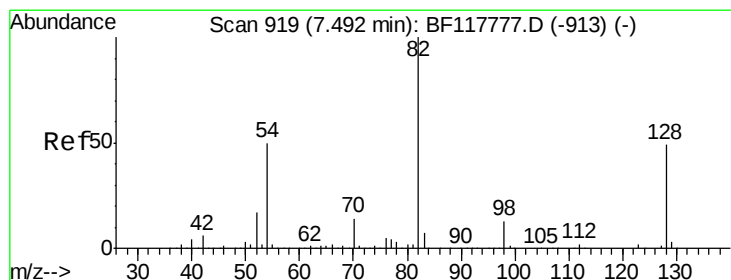
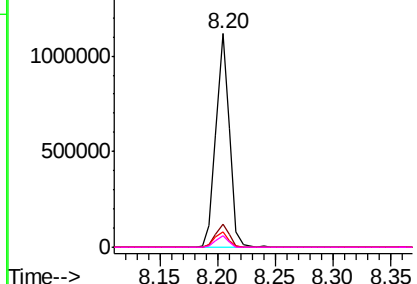
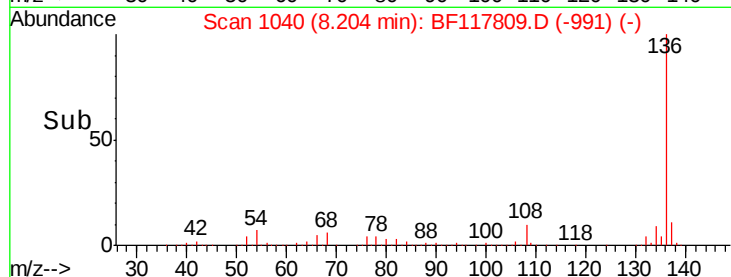
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF117809.D
Acq: 15 Nov 2019 18:08

Instrument :
BNA_F
ClientSampleId :
EP-8

Tot Ion:136	Resp:	905249
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.0 13.4
54	7.4	5.4 8.2
68	5.6	4.3 6.5

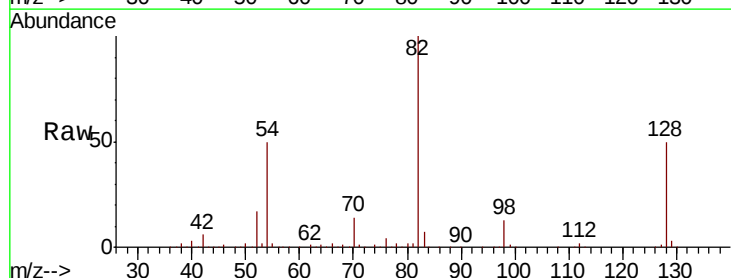


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

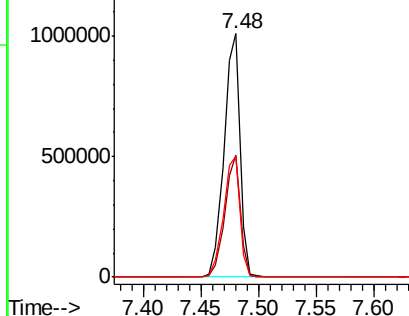
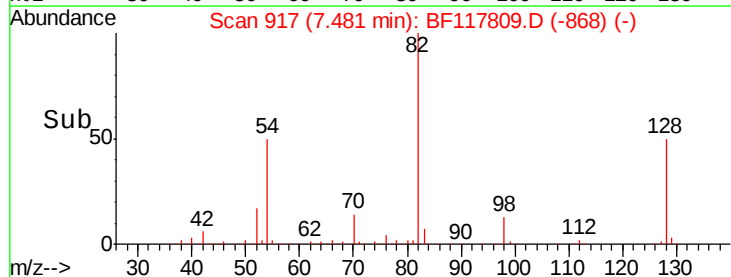


#23
Nitrobenzene-d5
Concen: 63.741 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF117809.D
Acq: 15 Nov 2019 18:08

Tgt Ion: 82	Resp:	970649
Ion Ratio	Lower	Upper
82	100	
128	49.9	38.9 58.3
54	49.9	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: BF117809.D

Acq: 15 Nov 2019 18:08

Instrument :

BNA_F

ClientSampleId :

EP-8

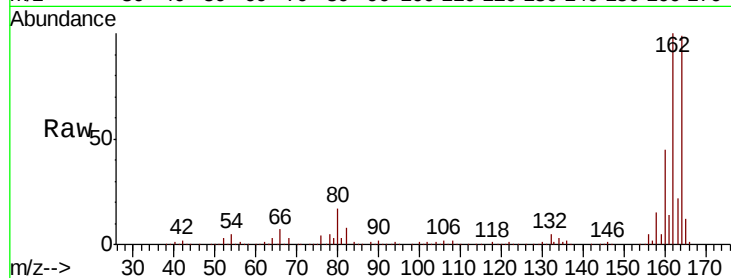
Tot Ion:164 Resp: 481807

Ion Ratio Lower Upper

164 100

162 101.4 81.3 121.9

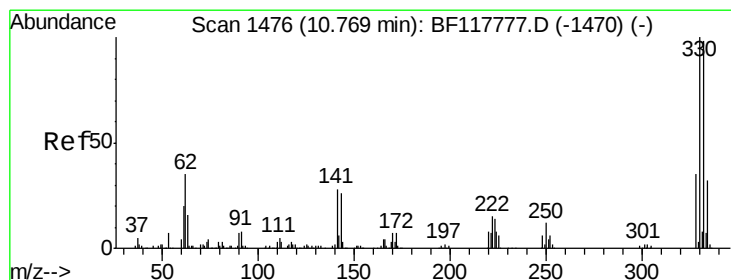
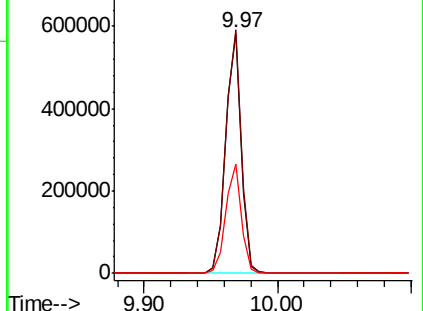
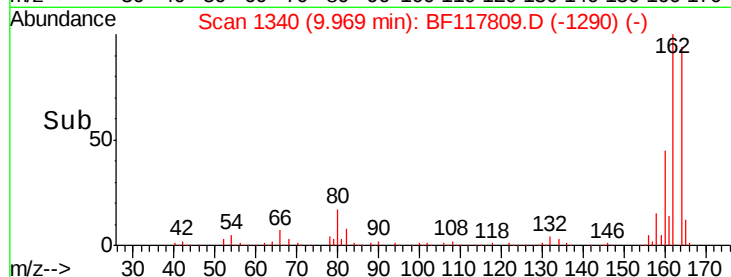
160 45.5 36.6 55.0



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: 98.194 ng

RT: 10.76 min Scan# 1474

Delta R.T. -0.01 min

Lab File: BF117809.D

Acq: 15 Nov 2019 18:08

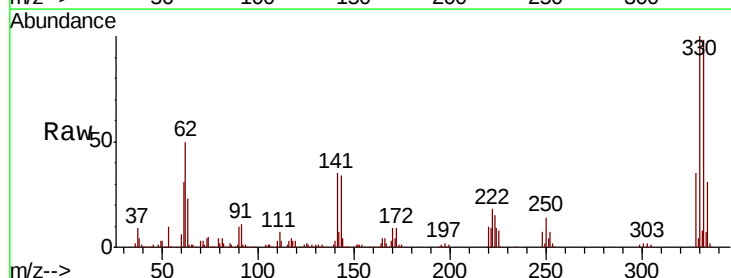
Tgt Ion:330 Resp: 500874

Ion Ratio Lower Upper

330 100

332 95.8 76.7 115.1

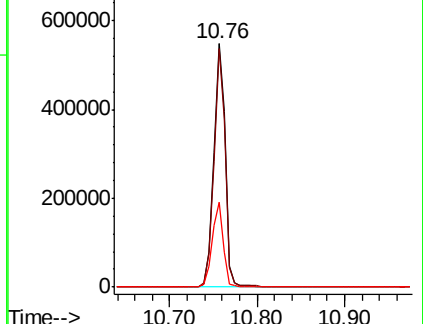
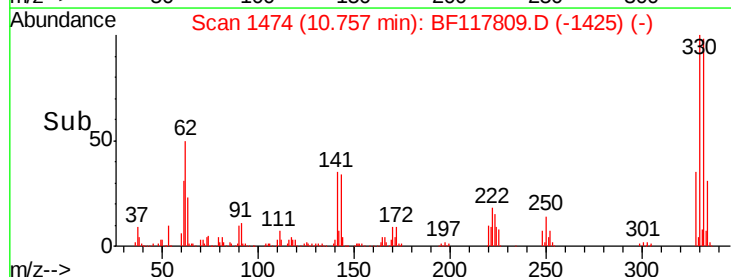
141 33.9 27.7 41.5

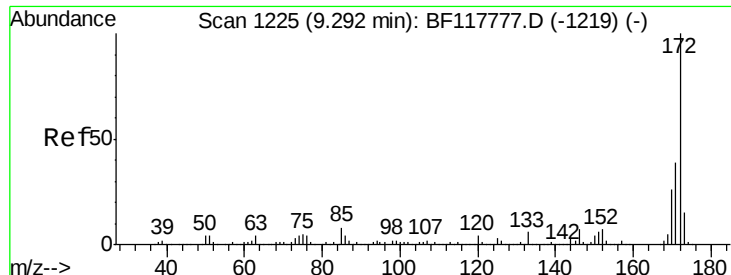


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

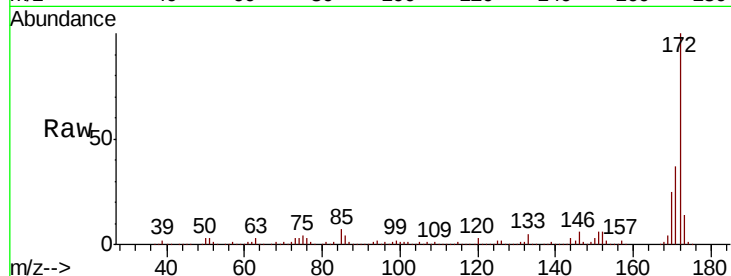




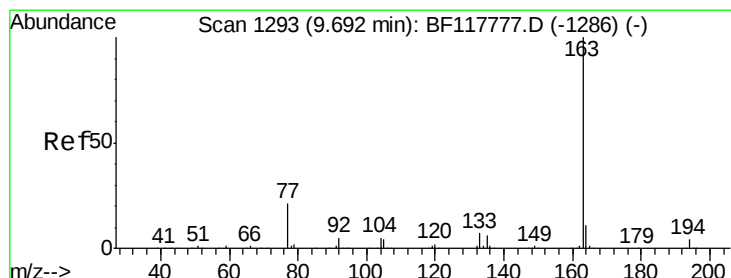
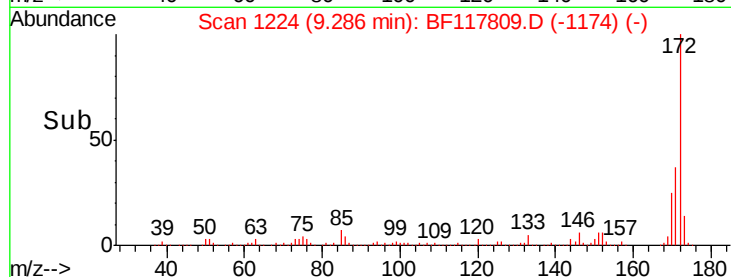
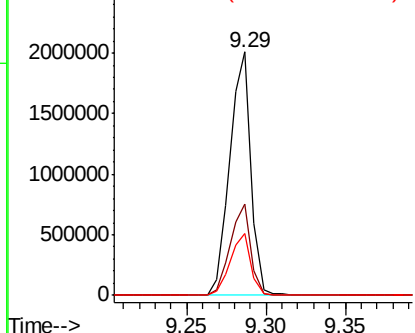
#45
2-Fluorobiphenyl
Concen: 69.169 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF117809.D
Acq: 15 Nov 2019 18:08

Instrument :
BNA_F
ClientSampled :
EP-8

Tot Ion:172 Resp: 1857617
Ion Ratio Lower Upper
172 100
171 37.3 30.9 46.3
170 25.2 21.0 31.4

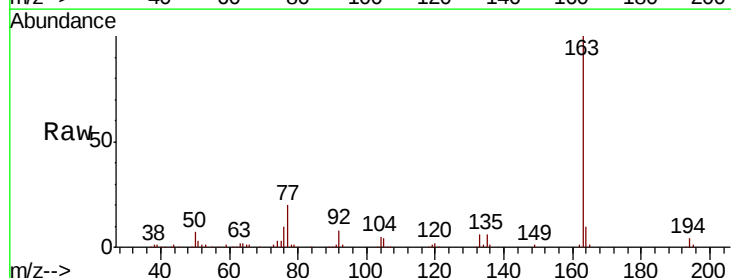


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

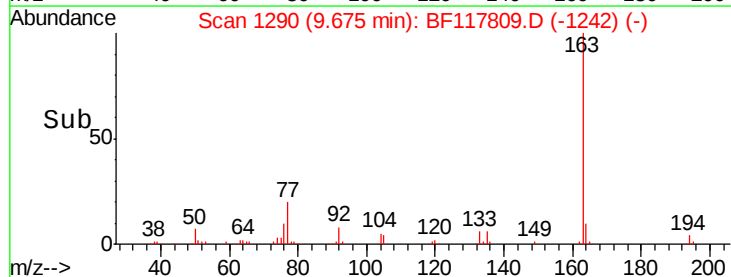
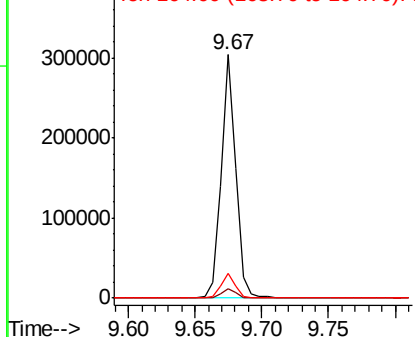


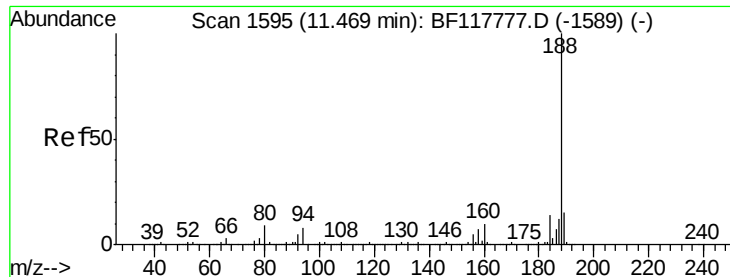
#50
Dimethylphthalate
Concen: 6.964 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF117809.D
Acq: 15 Nov 2019 18:08

Tgt Ion:163 Resp: 235282
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.2 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

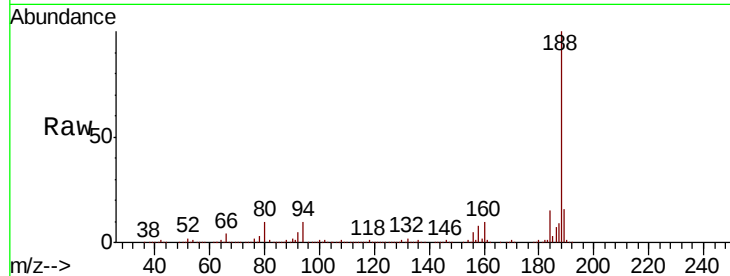




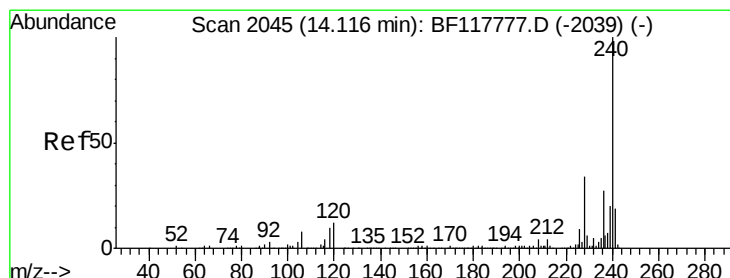
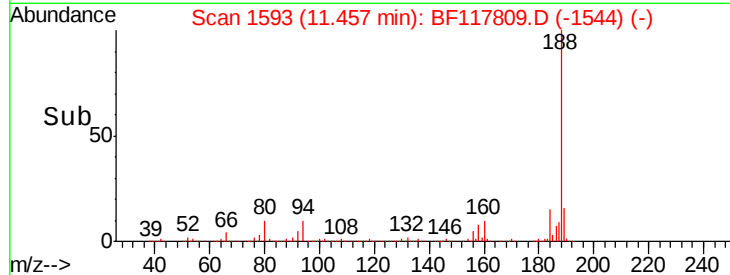
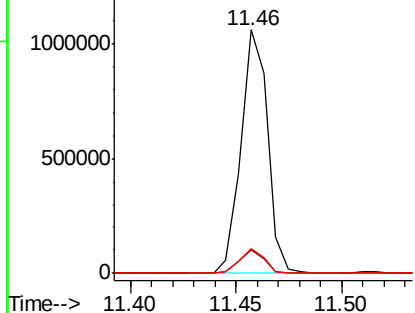
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BF117809.D
Acq: 15 Nov 2019 18:08

Instrument :
BNA_F
ClientSampled :
EP-8

Tot Ion:188 Resp: 922536
Ion Ratio Lower Upper
188 100
94 9.8 6.6 10.0
80 10.2 7.2 10.8

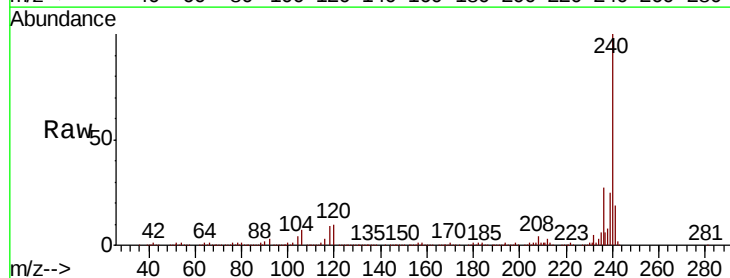


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

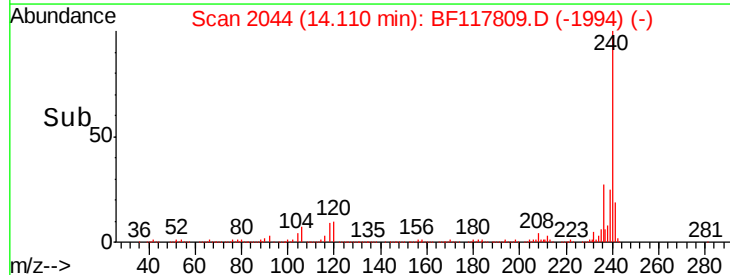
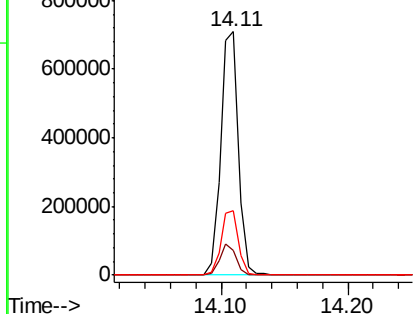


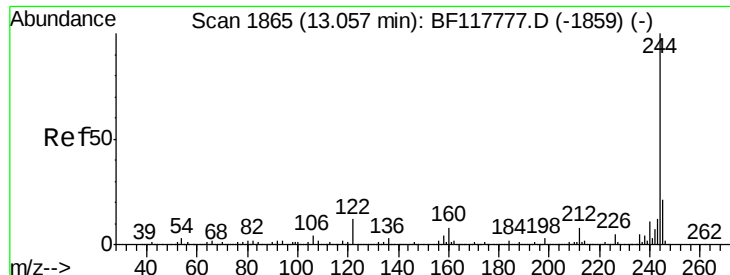
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.11 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BF117809.D
Acq: 15 Nov 2019 18:08

Tgt Ion:240 Resp: 689941
Ion Ratio Lower Upper
240 100
120 10.2 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

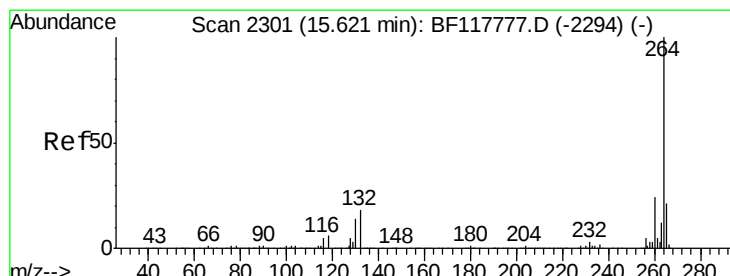
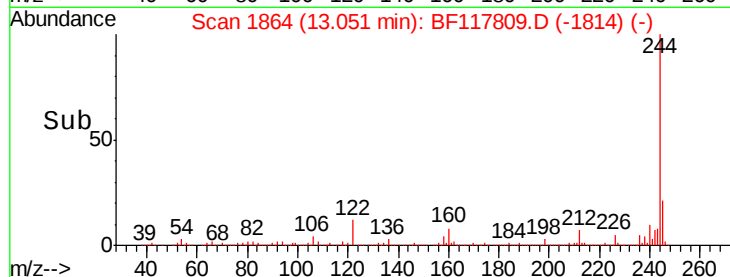
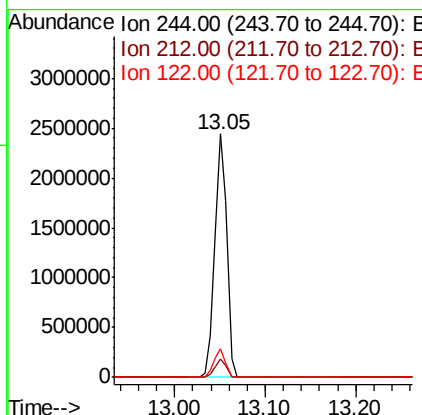
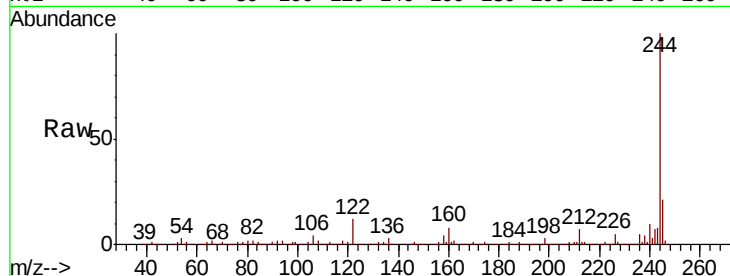




#79
 Terphenyl-d14
 Concen: 59.504 ng
 RT: 13.05 min Scan# 1864
 Delta R.T. -0.01 min
 Lab File: BF117809.D
 Acq: 15 Nov 2019 18:08

Instrument :
 BNA_F
 ClientSampleId :
 EP-8

Tot Ion:244 Resp: 2246324
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.3 9.5
 122 12.0 9.4 14.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.62 min Scan# 2300
 Delta R.T. -0.01 min
 Lab File: BF117809.D
 Acq: 15 Nov 2019 18:08

Tgt Ion:264 Resp: 723047
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.0
 265 21.8 17.1 25.7

