

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111519\
 Data File : BF117808.D
 Acq On : 15 Nov 2019 17:41
 Operator : JU
 Sample : K5861-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-7

Quant Time: Nov 18 02:51:51 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

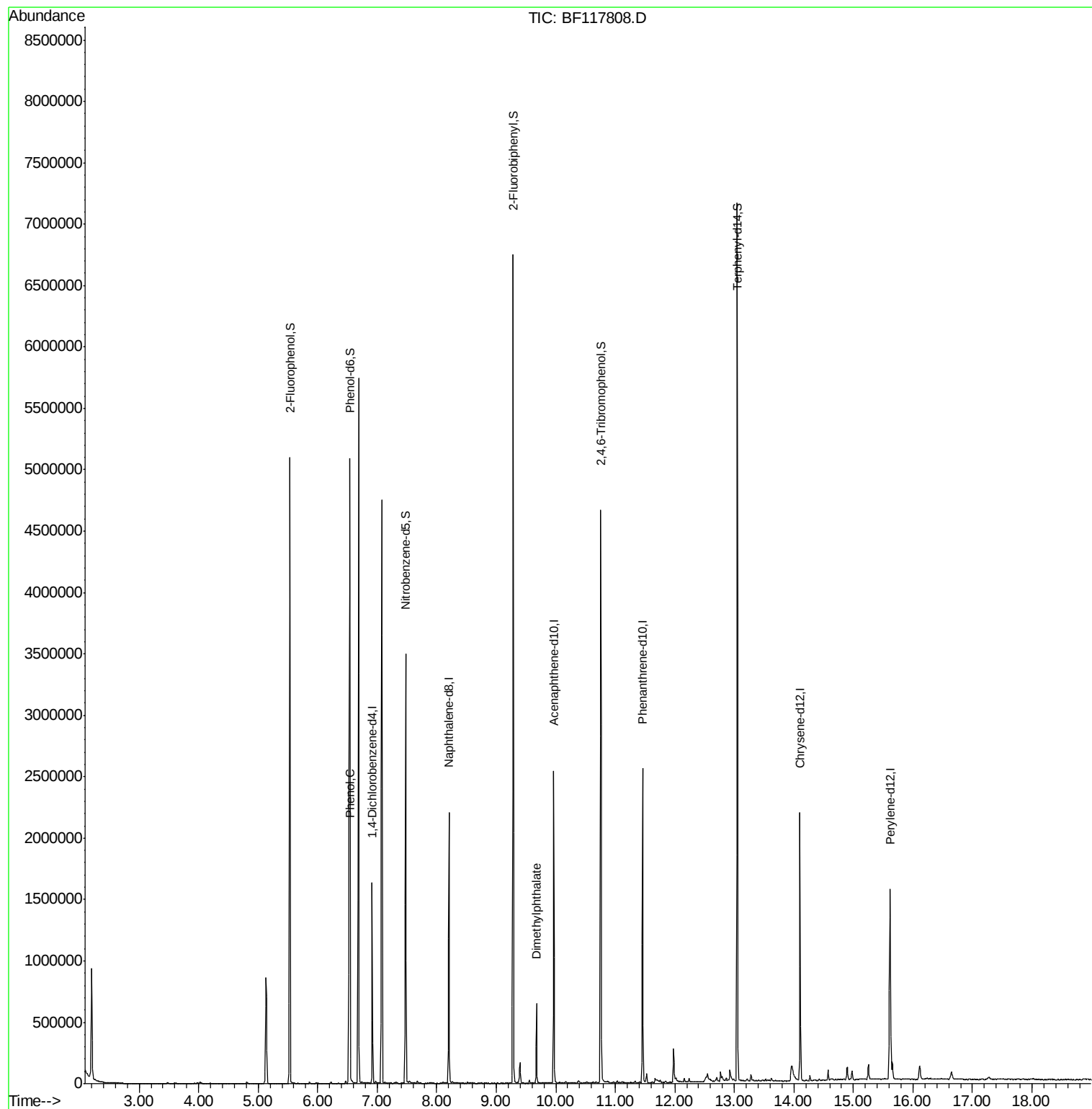
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	241309	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	949369	20.00	ng	-0.01
39) Acenaphthene-d10	9.97	164	501919	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	954673	20.00	ng	-0.01
76) Chrysene-d12	14.10	240	679084	20.00	ng	-0.01
87) Perylene-d12	15.62	264	717785	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1431096	104.98	ng	0.00
7) Phenol-d6	6.54	99	1793334	109.06	ng	0.00
23) Nitrobenzene-d5	7.48	82	1109947	69.50	ng	-0.01
42) 2,4,6-Tribromophenol	10.76	330	555231	104.49	ng	-0.01
45) 2-Fluorobiphenyl	9.29	172	2061448	73.68	ng	0.00
79) Terphenyl-d14	13.05	244	2367599	63.72	ng	0.00
Target Compounds						
10) Phenol	6.55	94	40482	2.369	ng	93
50) Dimethylphthalate	9.67	163	239714	6.811	ng	99

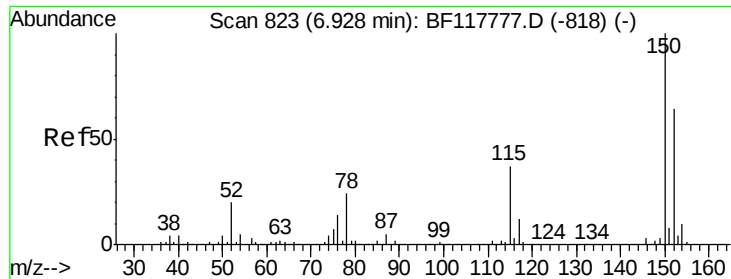
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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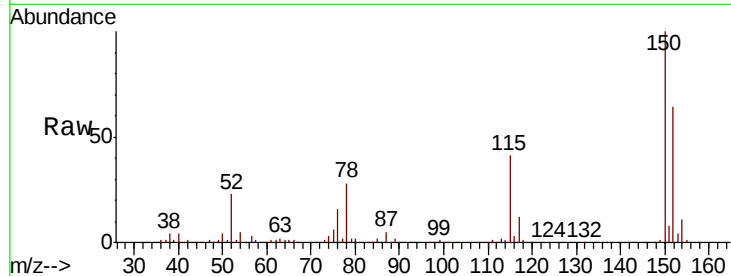


#1

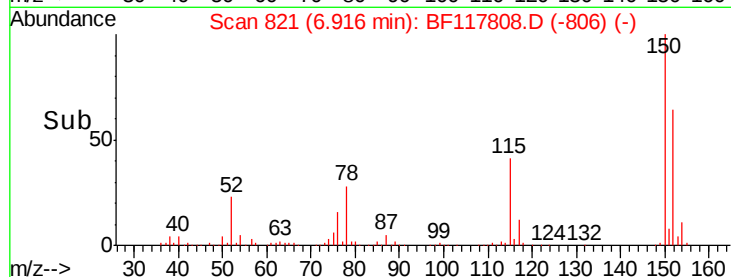
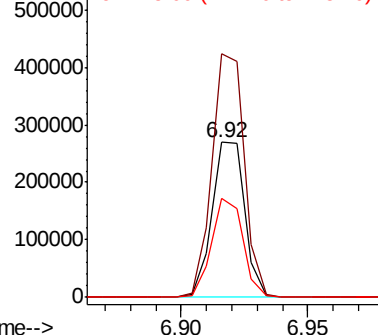
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF117808.D
Acq: 15 Nov 2019 17:41

Instrument :
BNA_F
ClientSampled :
EP-7

Tot Ion:152 Resp: 241309
Ion Ratio Lower Upper
152 100
150 156.8 125.3 187.9
115 64.1 47.0 70.4



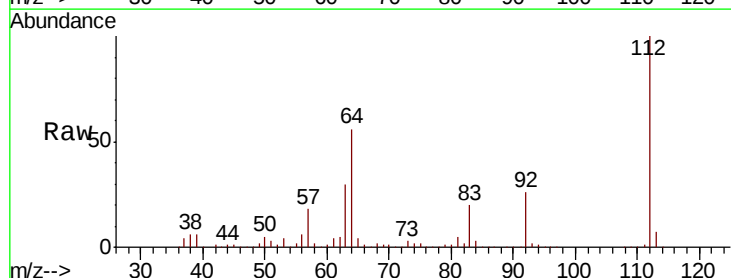
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



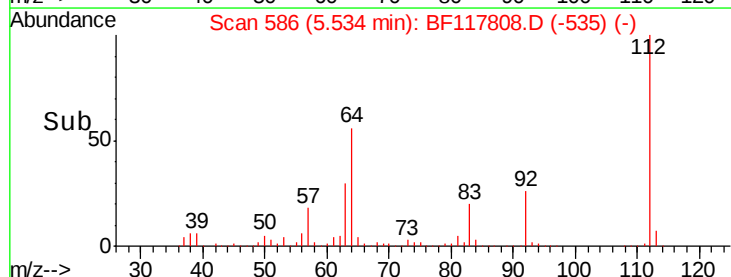
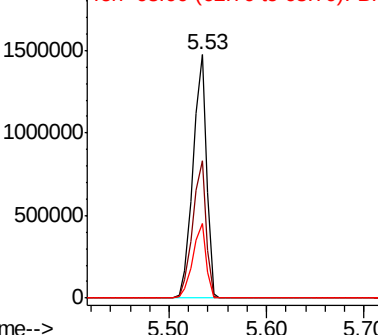
#5

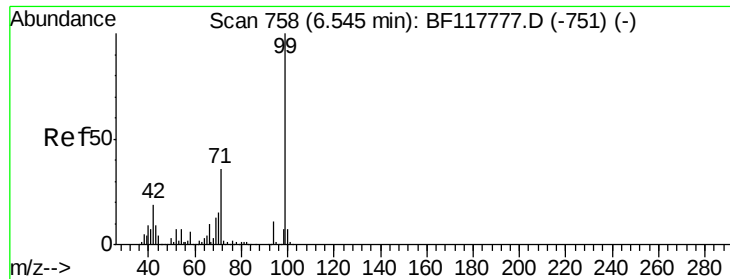
2-Fluorophenol
Concen: 104.977 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.00 min
Lab File: BF117808.D
Acq: 15 Nov 2019 17:41

Tgt Ion:112 Resp: 1431096
Ion Ratio Lower Upper
112 100
64 56.3 45.6 68.4
63 30.4 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: 109.064 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF117808.D

Acq: 15 Nov 2019 17:41

Instrument :

BNA_F

ClientSampleId :

EP-7

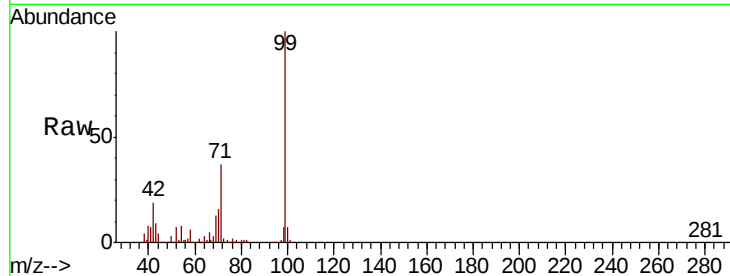
Tot Ion: 99 Resp: 1793334

Ion Ratio Lower Upper

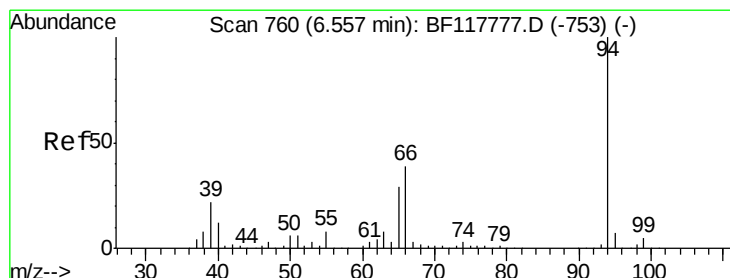
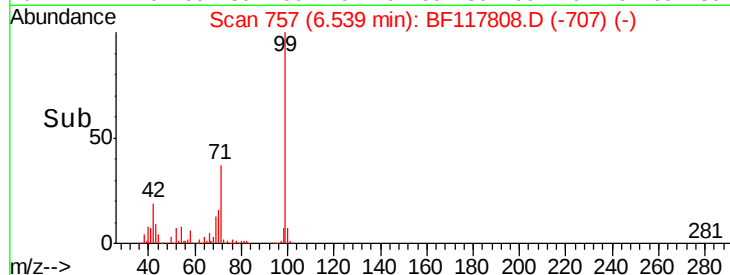
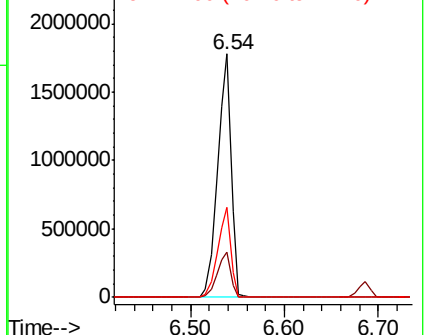
99 100

42 18.8 14.9 22.3

71 36.8 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



#10

Phenol

Concen: 2.369 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF117808.D

Acq: 15 Nov 2019 17:41

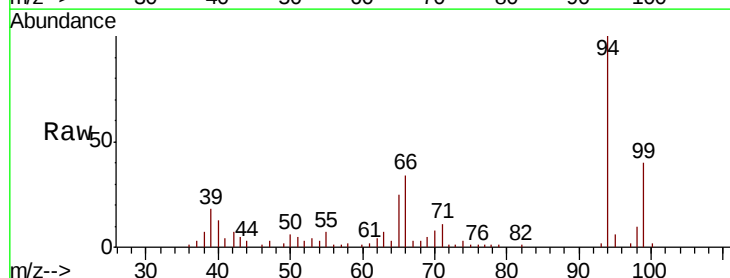
Tgt Ion: 94 Resp: 40482

Ion Ratio Lower Upper

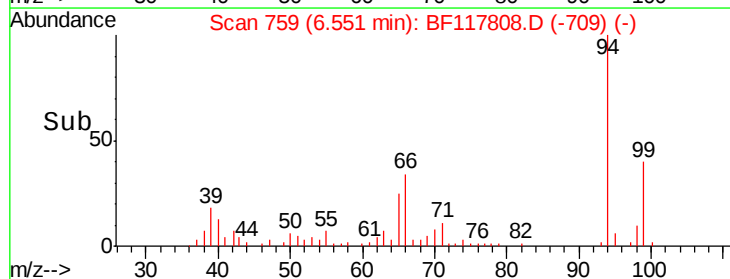
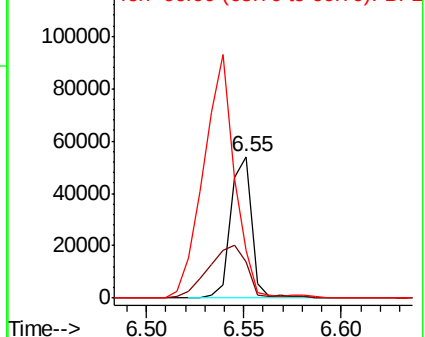
94 100

65 25.5 8.9 48.9

66 33.8 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

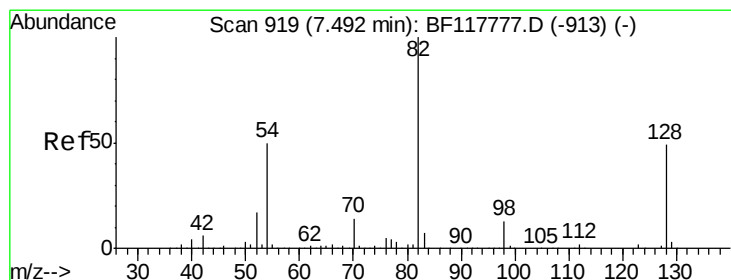
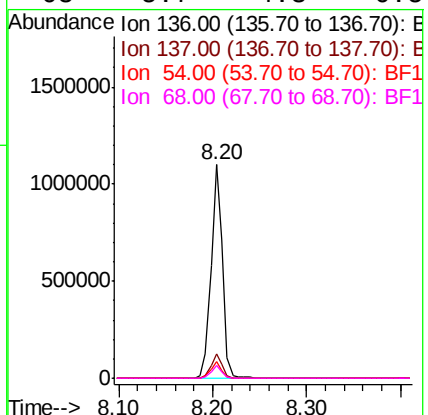
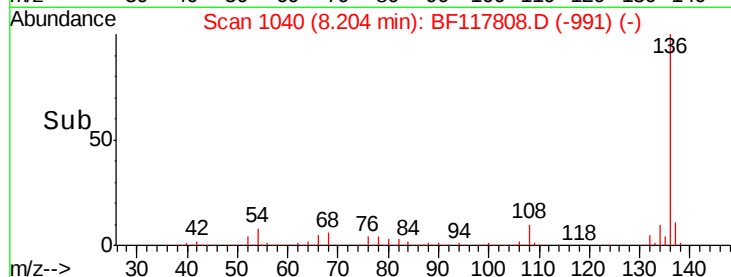
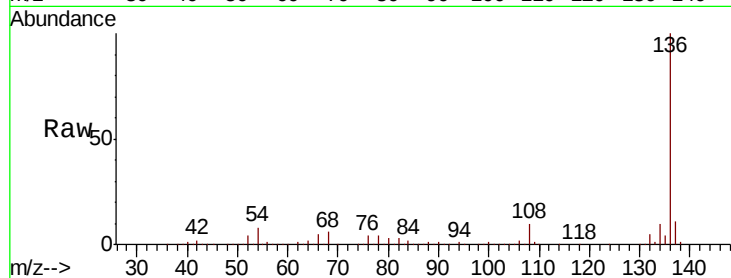




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF117808.D
Acq: 15 Nov 2019 17:41

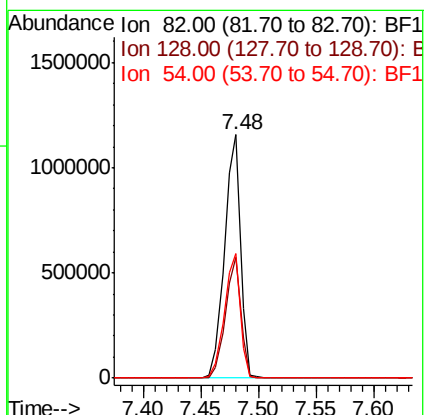
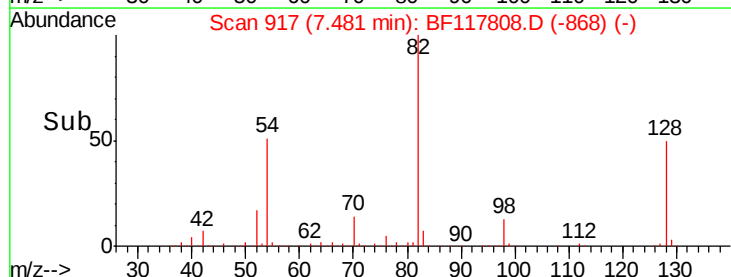
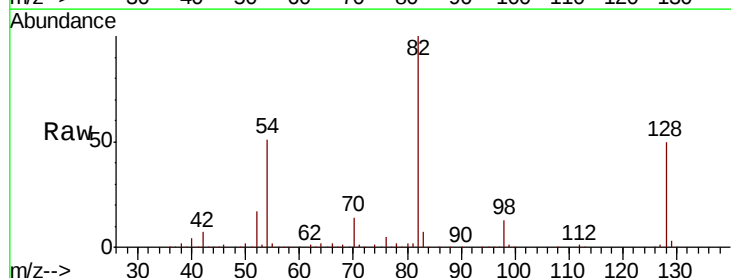
Instrument :
BNA_F
ClientSampleId :
EP-7

Tot Ion:136	Resp:	949369
Ion Ratio	Lower	Upper
136 100		
137 11.1	9.0	13.4
54 7.7	5.4	8.2
68 5.7	4.3	6.5



#23
Nitrobenzene-d5
Concen: 69.501 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF117808.D
Acq: 15 Nov 2019 17:41

Tgt Ion: 82	Resp: 1109947
Ion Ratio	Lower Upper
82 100	
128 49.5	38.9 58.3
54 50.9	39.8 59.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF117808.D

Acq: 15 Nov 2019 17:41

Instrument :

BNA_F

ClientSampleId :

EP-7

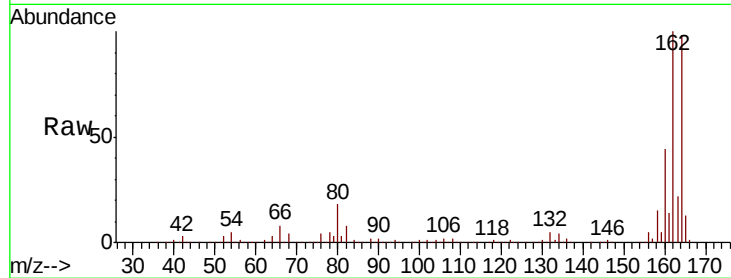
Tot Ion:164 Resp: 501919

Ion Ratio Lower Upper

164 100

162 102.0 81.3 121.9

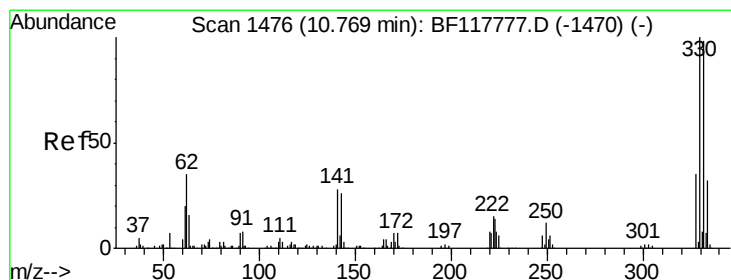
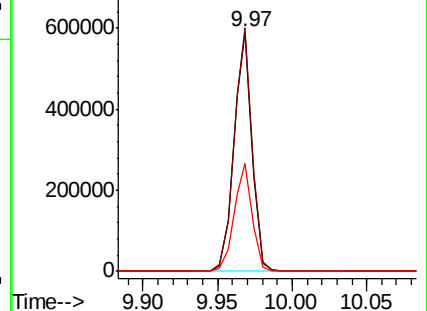
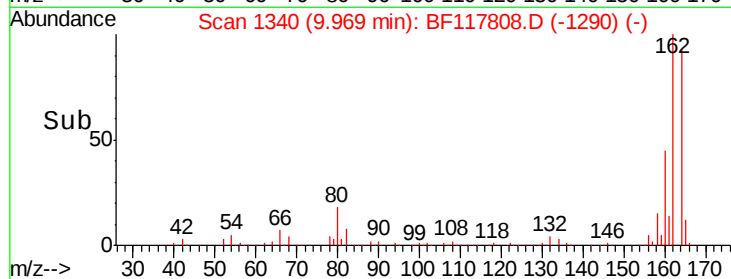
160 45.3 36.6 55.0



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: 104.489 ng

RT: 10.76 min Scan# 1474

Delta R.T. -0.01 min

Lab File: BF117808.D

Acq: 15 Nov 2019 17:41

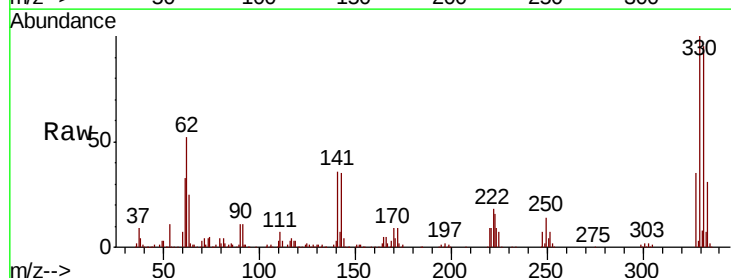
Tgt Ion:330 Resp: 555231

Ion Ratio Lower Upper

330 100

332 96.2 76.7 115.1

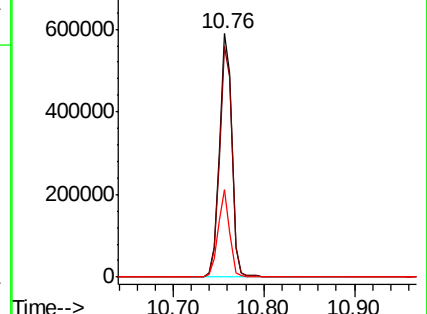
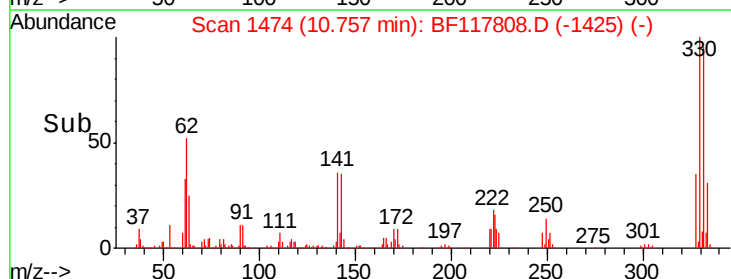
141 33.8 27.7 41.5

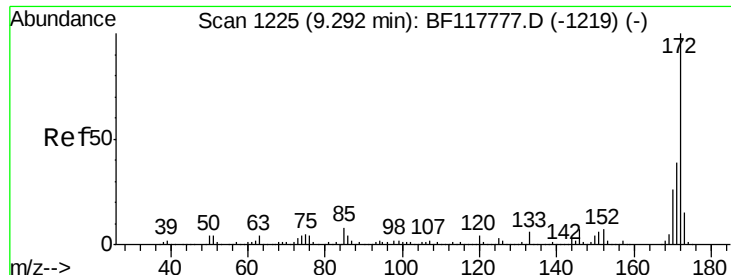


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

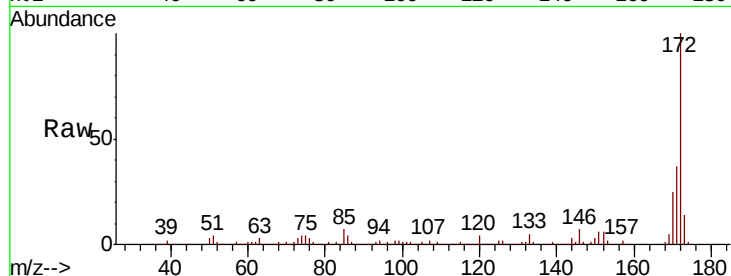




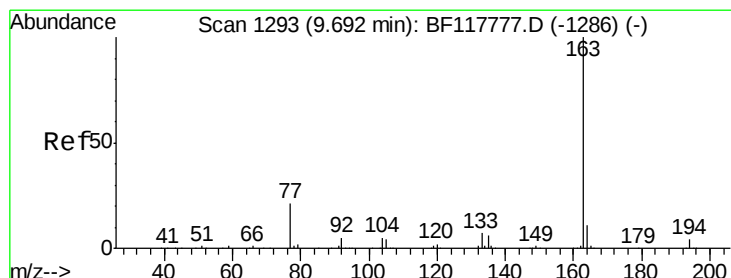
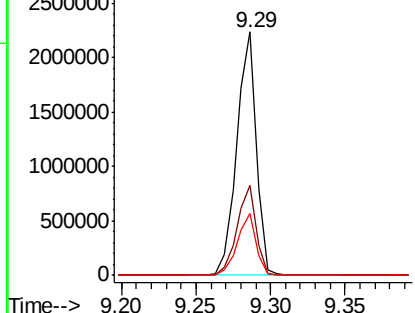
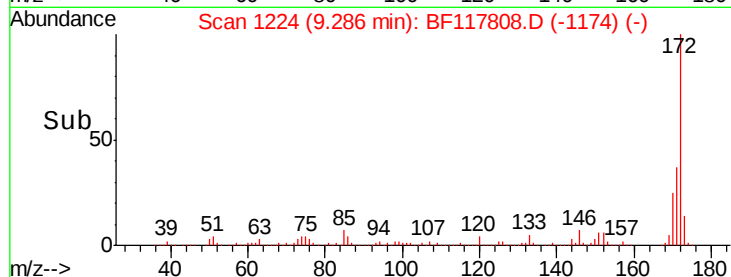
#45
2-Fluorobiphenyl
Concen: 73.683 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF117808.D
Acq: 15 Nov 2019 17:41

Instrument :
BNA_F
ClientSampleId :
EP-7

Tot Ion:172 Resp: 2061448
Ion Ratio Lower Upper
172 100
171 37.2 30.9 46.3
170 25.3 21.0 31.4

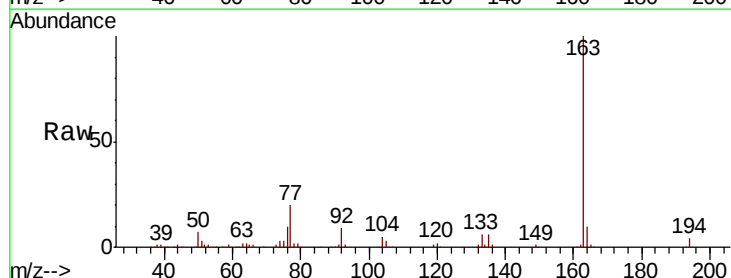


Abundance Ion 172.00 (171.70 to 172.70): E
3000000 Ion 171.00 (170.70 to 171.70): E
2500000 Ion 170.00 (169.70 to 170.70): E

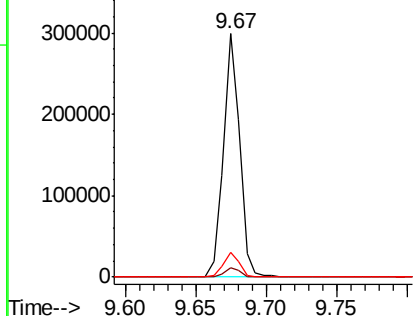
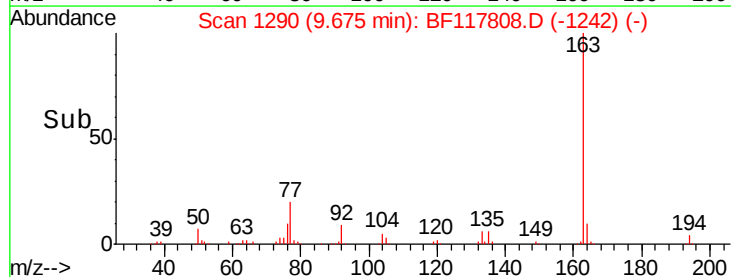


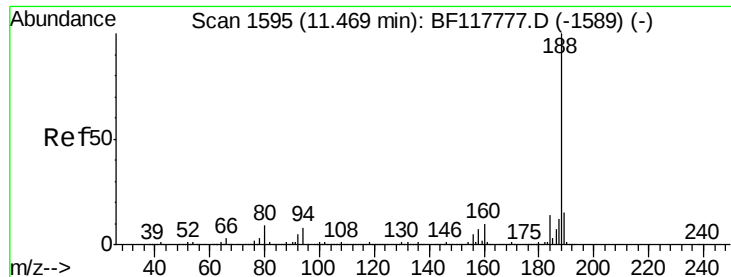
#50
Dimethylphthalate
Concen: 6.811 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF117808.D
Acq: 15 Nov 2019 17:41

Tgt Ion:163 Resp: 239714
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.2 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E
400000 Ion 194.00 (193.70 to 194.70): E
300000 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: BF117808.D

Acq: 15 Nov 2019 17:41

Instrument :

BNA_F

ClientSampleId :

EP-7

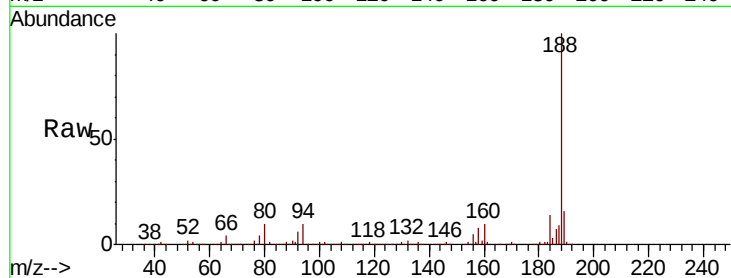
Tot Ion:188 Resp: 954673

Ion Ratio Lower Upper

188 100

94 10.0 6.6 10.0

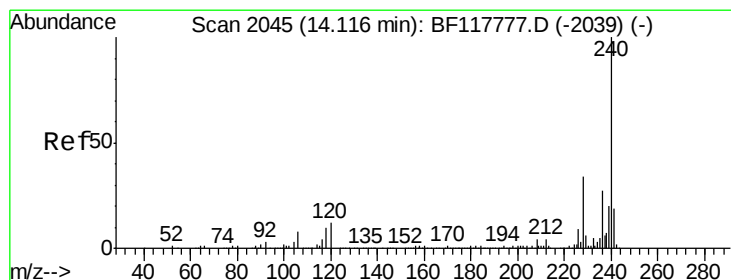
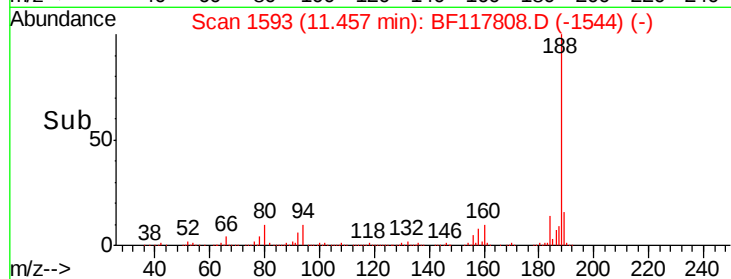
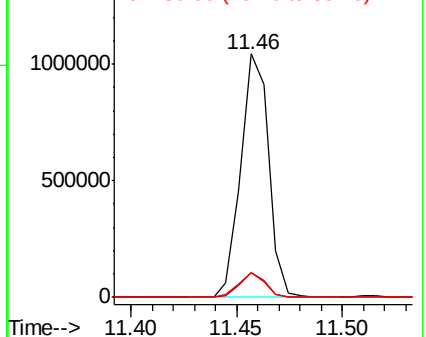
80 10.4 7.2 10.8



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: BF117808.D

Acq: 15 Nov 2019 17:41

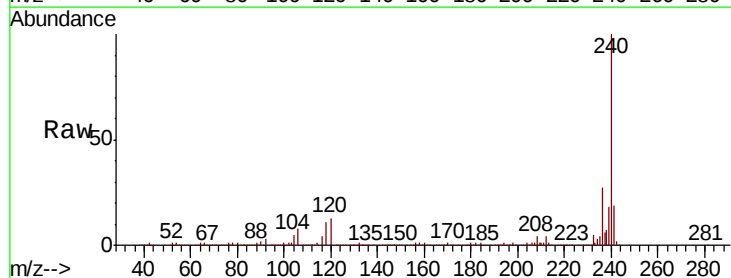
Tgt Ion:240 Resp: 679084

Ion Ratio Lower Upper

240 100

120 12.6 9.5 14.3

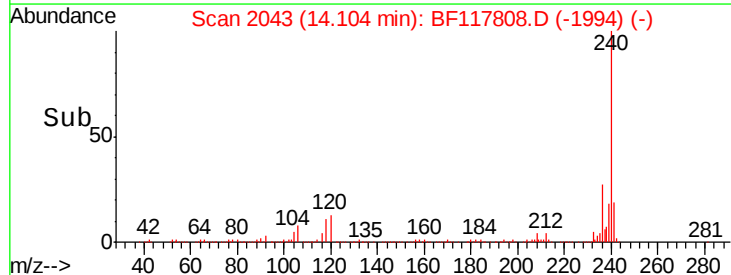
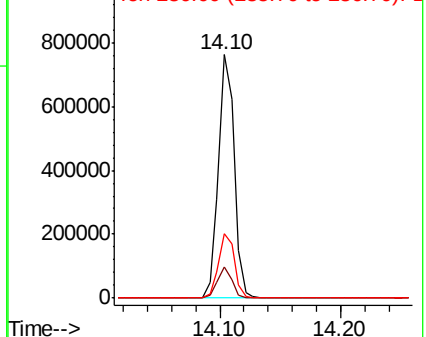
236 26.5 21.3 31.9

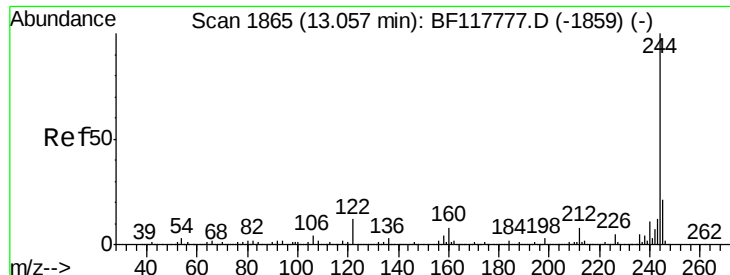


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 63.719 ng

RT: 13.05 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BF117808.D

Acq: 15 Nov 2019 17:41

Instrument :

BNA_F

ClientSampleId :

EP-7

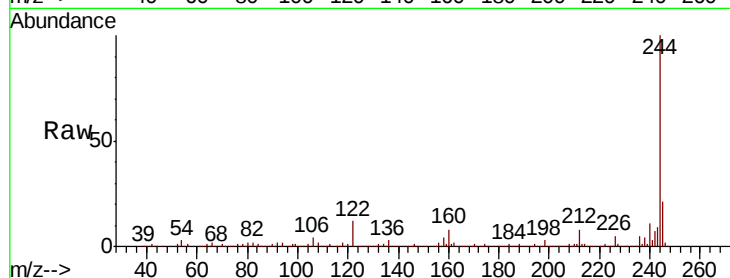
Tot Ion:244 Resp: 2367599

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.3	9.5
122	11.9	9.4	14.2

244 100

212 7.6 6.3 9.5

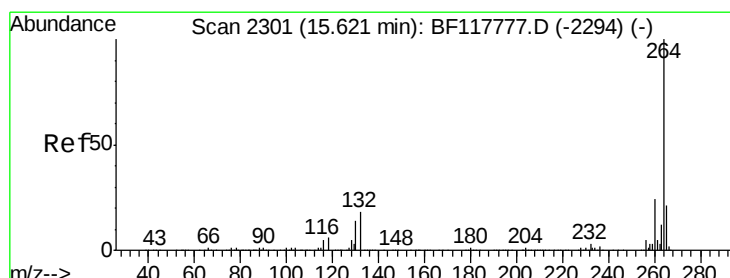
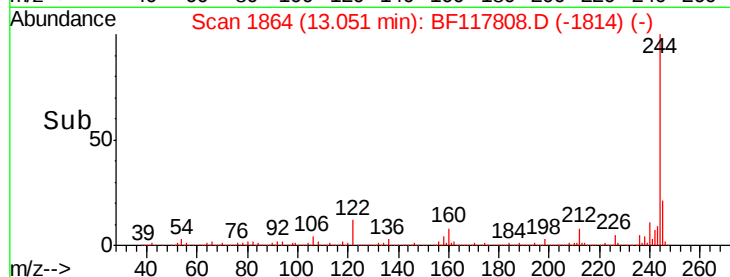
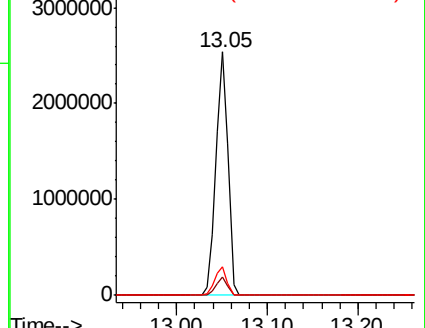
122 11.9 9.4 14.2



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: BF117808.D

Acq: 15 Nov 2019 17:41

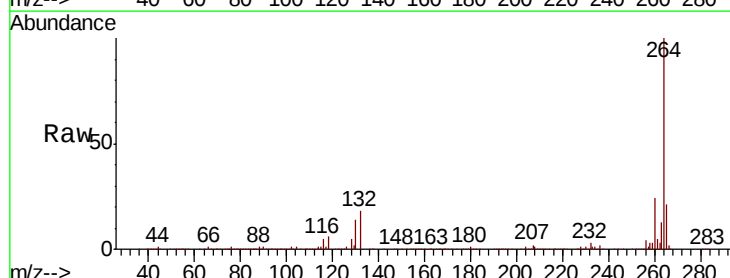
Tgt Ion:264 Resp: 717785

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.0
265	21.1	17.1	25.7

264 100

260 23.9 19.4 29.0

265 21.1 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

