

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111519\
 Data File : BF117815.D
 Acq On : 15 Nov 2019 20:52
 Operator : JU
 Sample : K5861-17
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-14

Quant Time: Nov 18 03:21:58 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

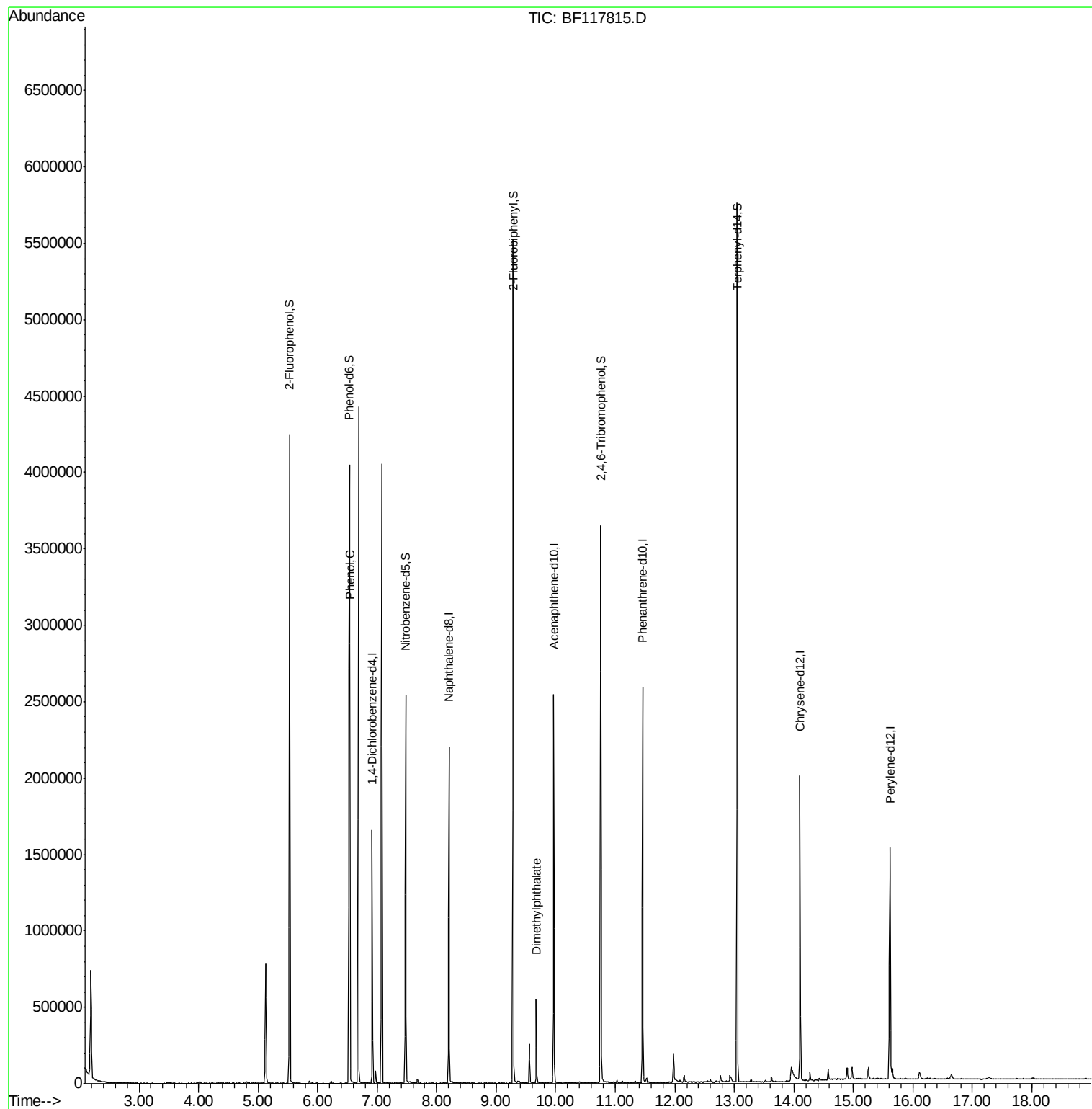
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	238362	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	930804	20.00	ng	-0.01
39) Acenaphthene-d10	9.97	164	493845	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	910041	20.00	ng	-0.01
76) Chrysene-d12	14.10	240	632535	20.00	ng	-0.01
87) Perylene-d12	15.62	264	702458	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1134824	84.27	ng	0.00
7) Phenol-d6	6.53	99	1424078	87.68	ng	-0.01
23) Nitrobenzene-d5	7.48	82	844235	53.92	ng	-0.01
42) 2,4,6-Tribromophenol	10.76	330	422607	80.83	ng	-0.01
45) 2-Fluorobiphenyl	9.29	172	1681850	61.10	ng	0.00
79) Terphenyl-d14	13.05	244	1924889	55.62	ng	0.00
Target Compounds						
10) Phenol	6.55	94	67080	3.974	ng	95
50) Dimethylphthalate	9.67	163	203653	5.881	ng	98

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

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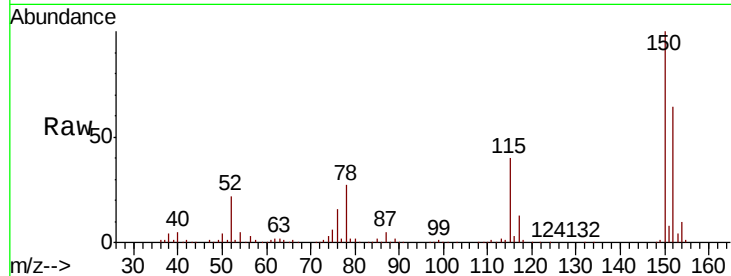


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF117815.D
 Acq: 15 Nov 2019 20:52

Instrument :
 BNA_F
 ClientSampled :
 EP-14

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	125.3	187.9
115	61.9	47.0	70.4

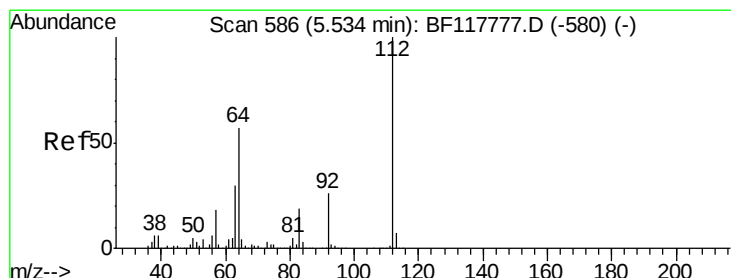
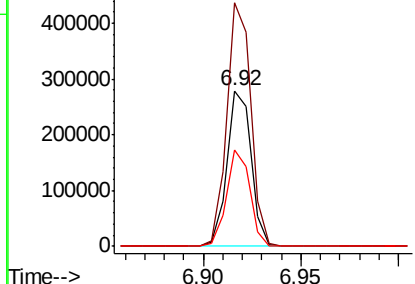
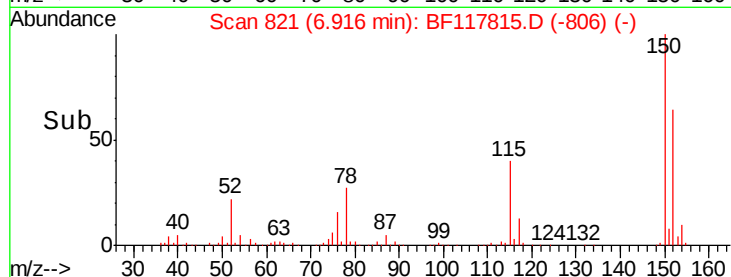


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

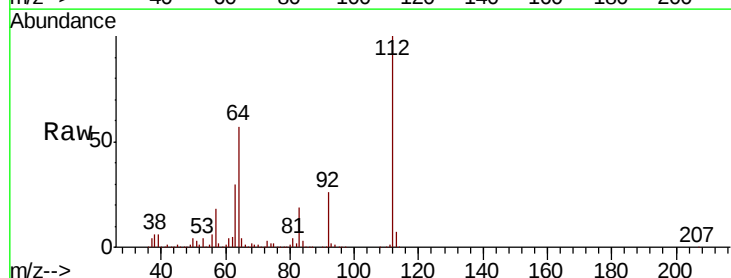
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 84.273 ng
 RT: 5.53 min Scan# 585
 Delta R.T. -0.01 min
 Lab File: BF117815.D
 Acq: 15 Nov 2019 20:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.5	45.6	68.4
63	30.3	24.1	36.1

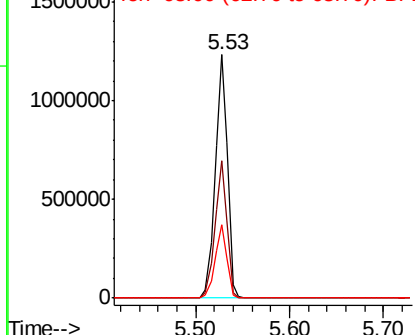
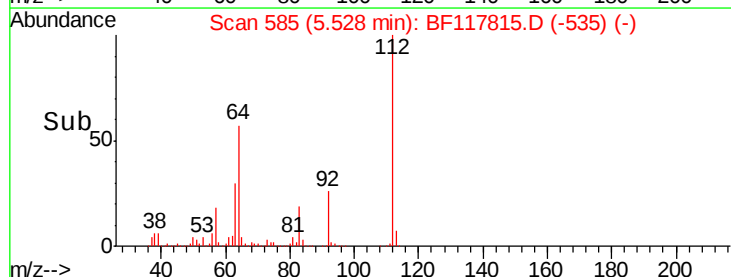


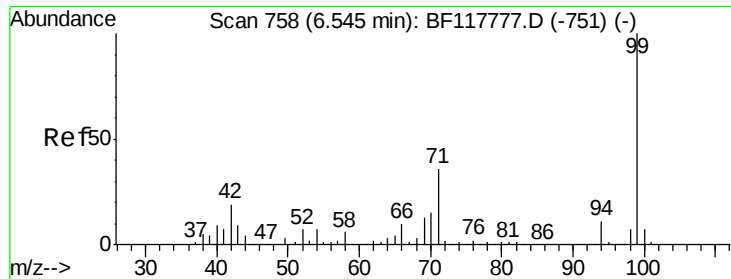
Abundance

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: 87.678 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF117815.D

Acq: 15 Nov 2019 20:52

Instrument :

BNA_F

ClientSampleId :

EP-14

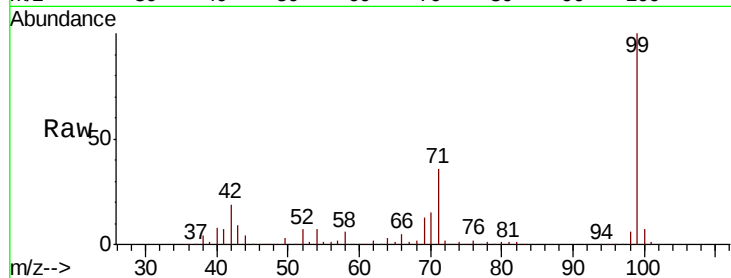
Tot Ion: 99 Resp: 1424078

Ion Ratio Lower Upper

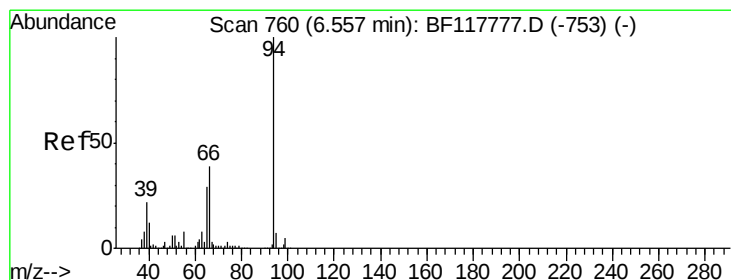
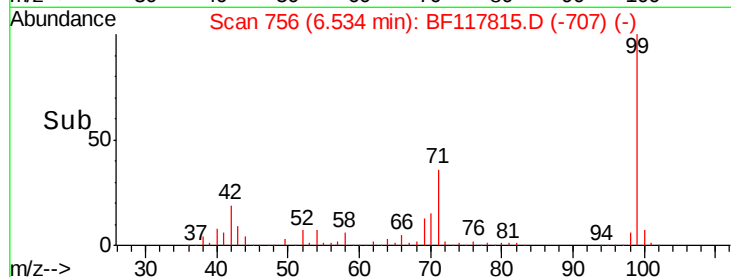
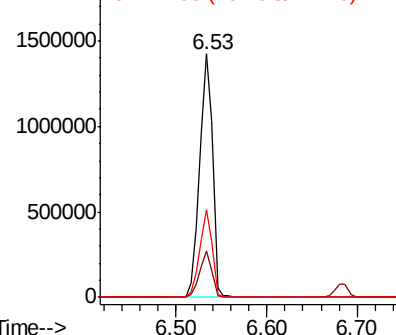
99 100

42 19.2 14.9 22.3

71 35.9 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: 3.974 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF117815.D

Acq: 15 Nov 2019 20:52

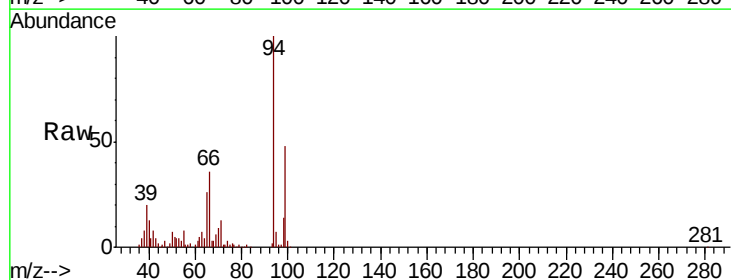
Tgt Ion: 94 Resp: 67080

Ion Ratio Lower Upper

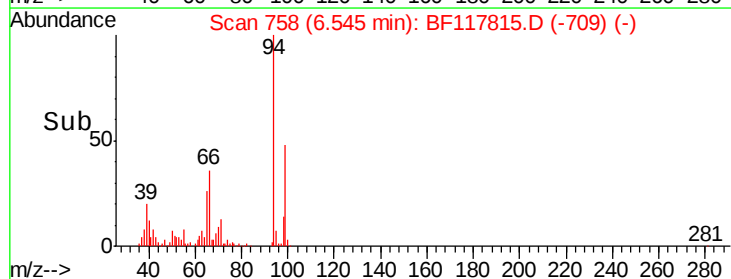
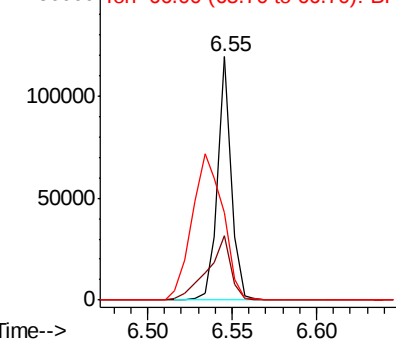
94 100

65 26.2 8.9 48.9

66 35.8 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

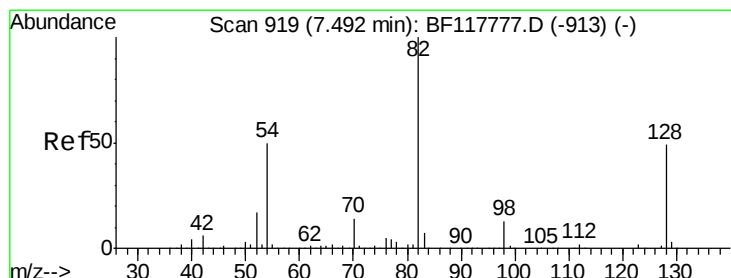
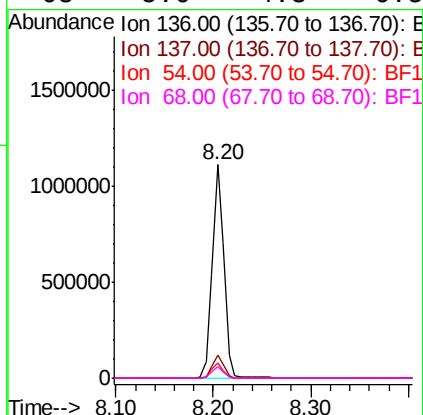
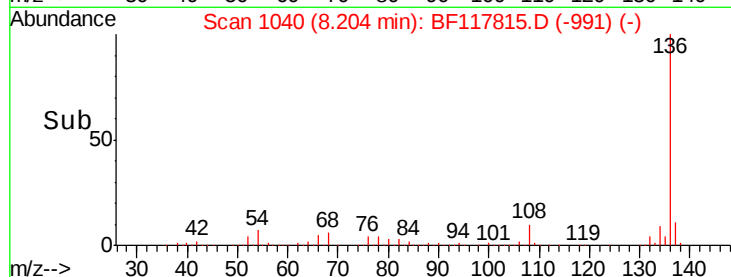
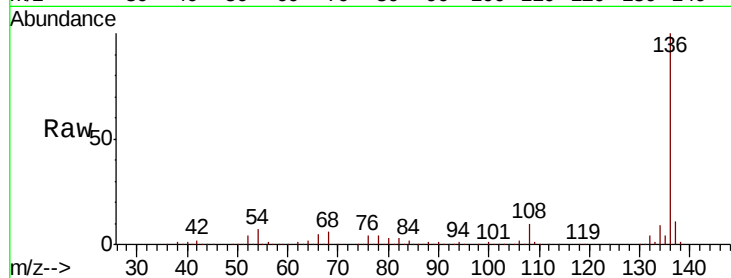




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF117815.D
Acq: 15 Nov 2019 20:52

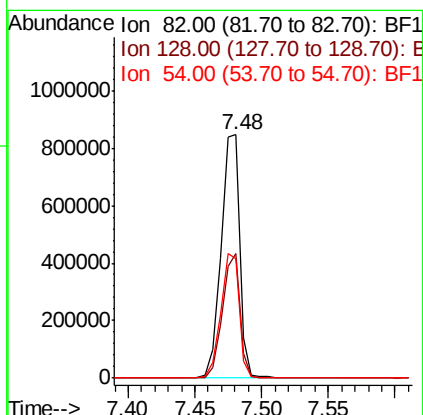
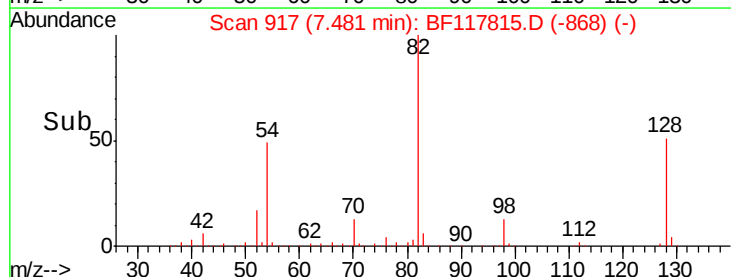
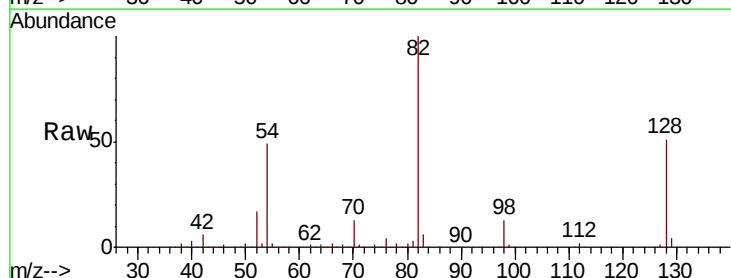
Instrument :
BNA_F
ClientSampleId :
EP-14

Tot Ion:136	Resp:	930804
Ion	Ratio	Lower Upper
136	100	
137	11.1	9.0 13.4
54	7.2	5.4 8.2
68	5.6	4.3 6.5



#23
Nitrobenzene-d5
Concen: 53.917 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF117815.D
Acq: 15 Nov 2019 20:52

Tgt Ion: 82	Resp:	844235
Ion	Ratio	Lower Upper
82	100	
128	51.3	38.9 58.3
54	49.2	39.8 59.6

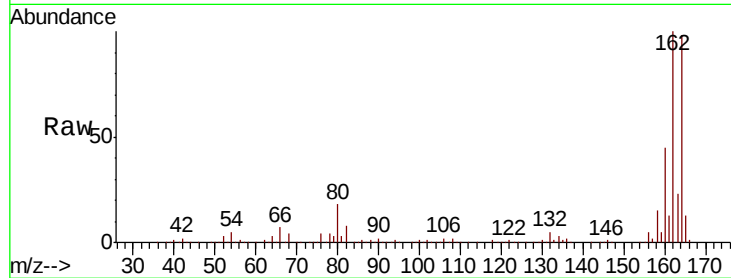




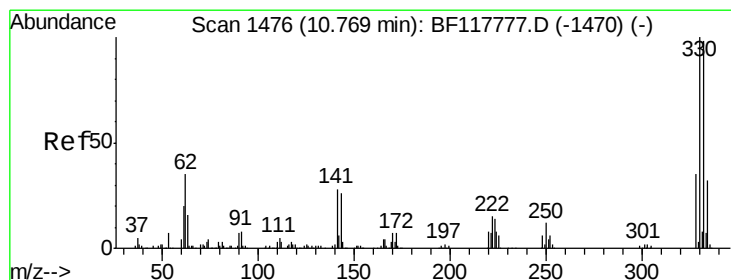
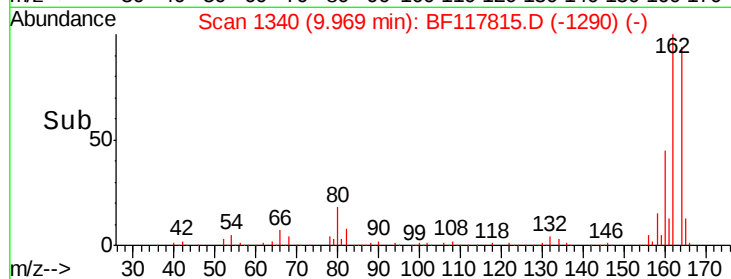
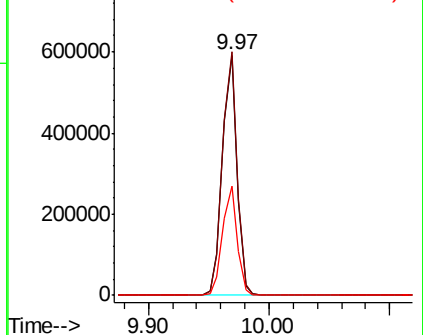
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF117815.D
Acq: 15 Nov 2019 20:52

Instrument :
BNA_F
ClientSampleId :
EP-14

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.3	121.9
160	45.4	36.6	55.0

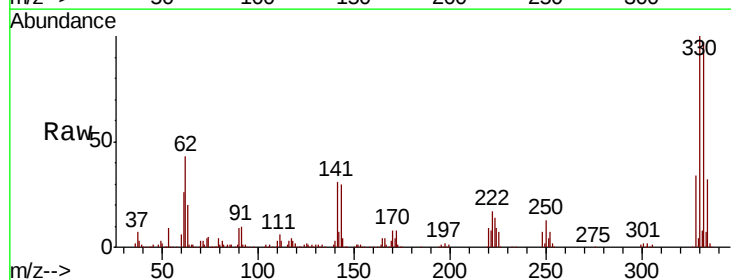


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

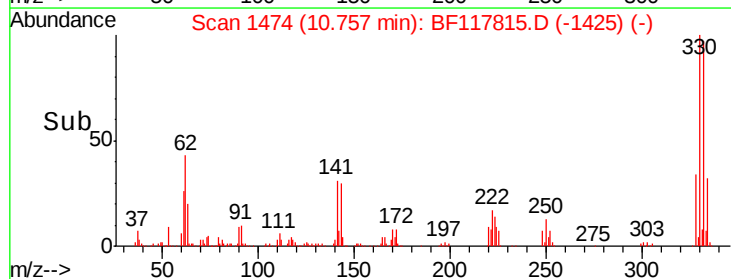
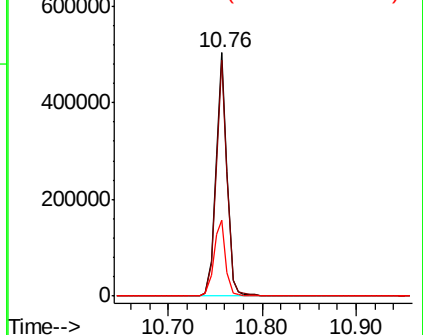


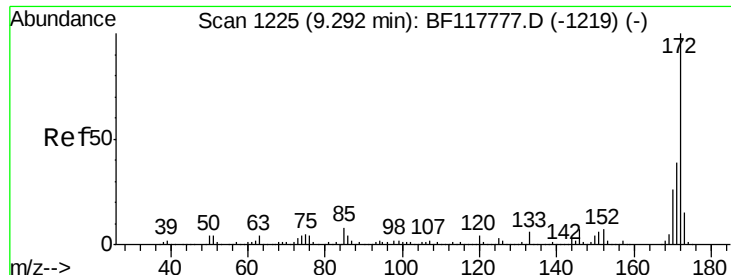
#42
2,4,6-Tribromophenol
Concen: 80.831 ng
RT: 10.76 min Scan# 1474
Delta R.T. -0.01 min
Lab File: BF117815.D
Acq: 15 Nov 2019 20:52

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.7	115.1
141	33.2	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

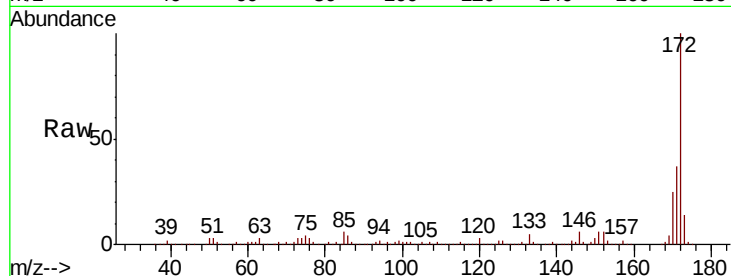




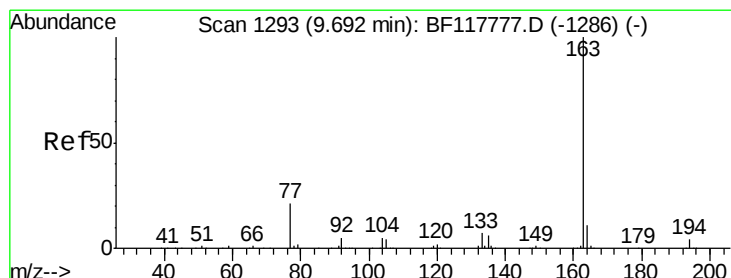
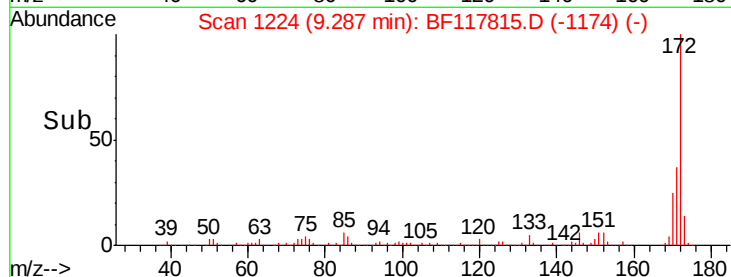
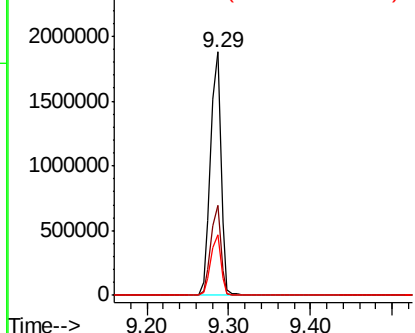
#45
2-Fluorobiphenyl
Concen: 61.098 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF117815.D
Acq: 15 Nov 2019 20:52

Instrument :
BNA_F
ClientSampleId :
EP-14

Tot Ion:172 Resp: 1681850
Ion Ratio Lower Upper
172 100
171 36.9 30.9 46.3
170 25.0 21.0 31.4

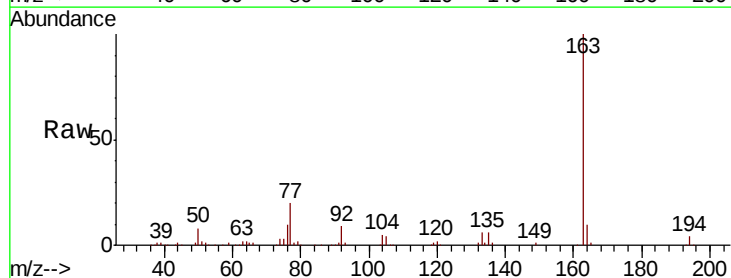


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

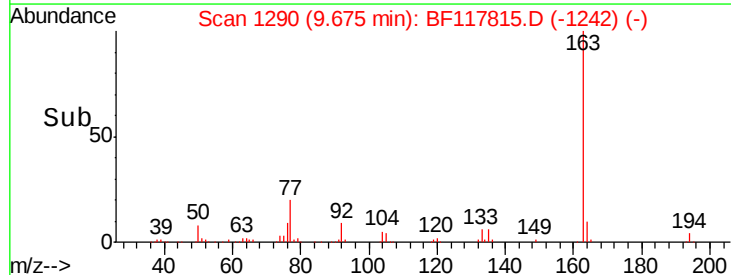
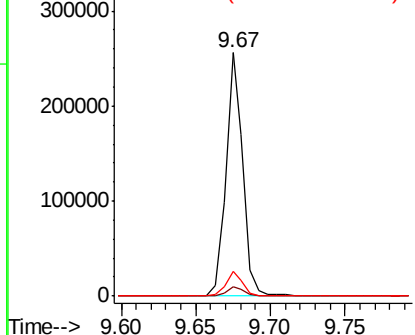


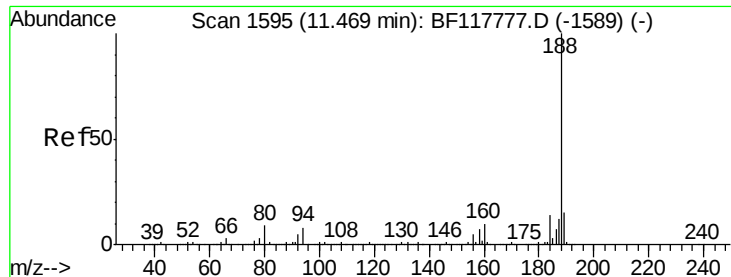
#50
Dimethylphthalate
Concen: 5.881 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF117815.D
Acq: 15 Nov 2019 20:52

Tgt Ion:163 Resp: 203653
Ion Ratio Lower Upper
163 100
194 3.7 3.3 4.9
164 10.3 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: BF117815.D

Acq: 15 Nov 2019 20:52

Instrument :

BNA_F

ClientSampled :

EP-14

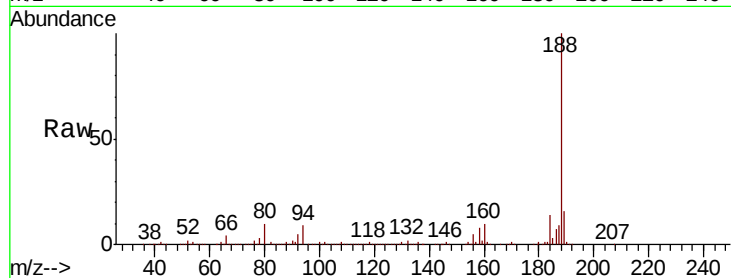
Tot Ion:188 Resp: 910041

Ion Ratio Lower Upper

188 100

94 9.5 6.6 10.0

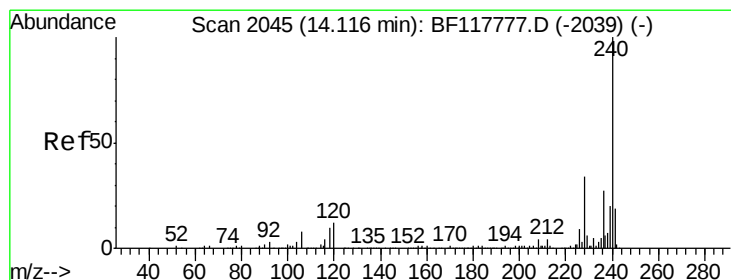
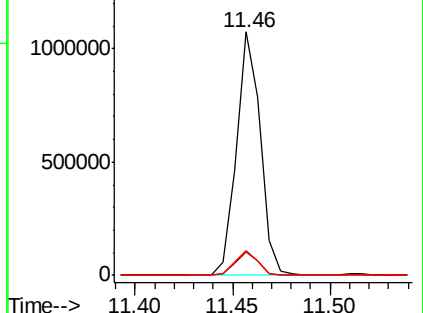
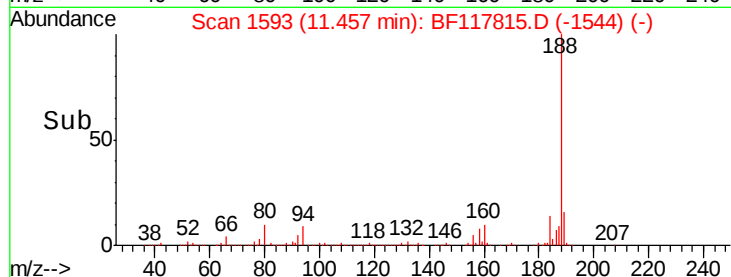
80 10.3 7.2 10.8



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: BF117815.D

Acq: 15 Nov 2019 20:52

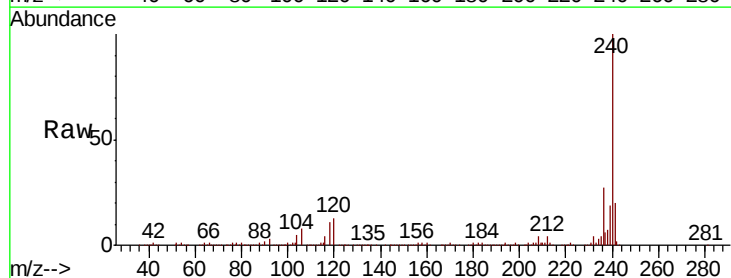
Tgt Ion:240 Resp: 632535

Ion Ratio Lower Upper

240 100

120 12.7 9.5 14.3

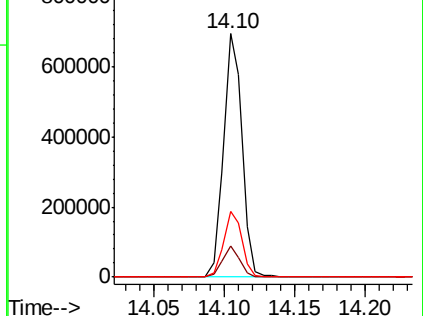
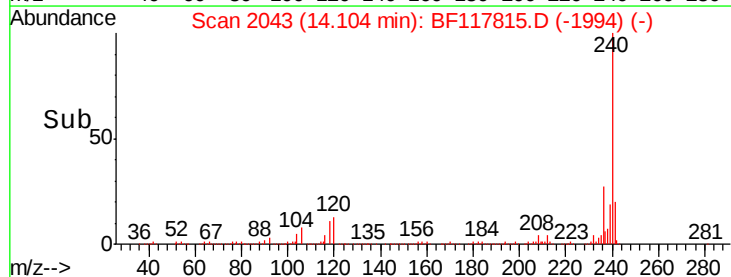
236 26.7 21.3 31.9

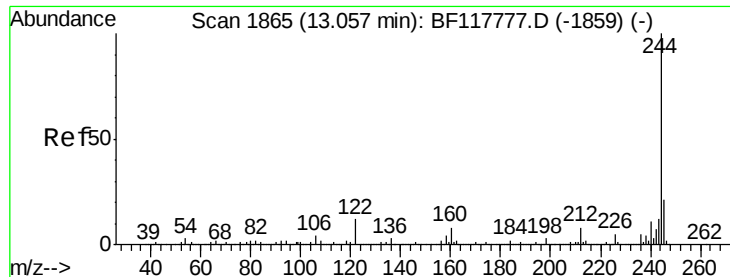


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 55.617 ng

RT: 13.05 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BF117815.D

Acq: 15 Nov 2019 20:52

Instrument :

BNA_F

ClientSampled :

EP-14

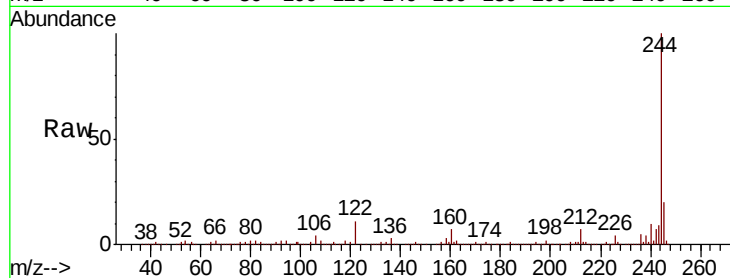
Tot Ion:244 Resp: 1924889

Ion Ratio Lower Upper

244 100

212 6.9 6.3 9.5

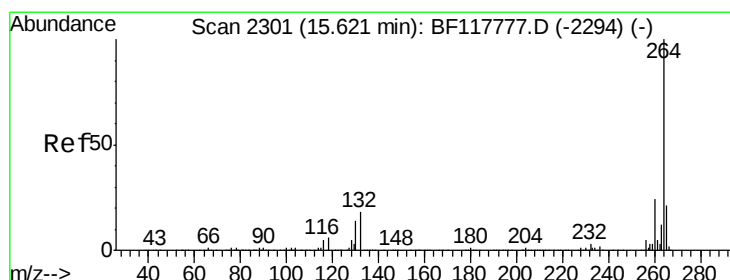
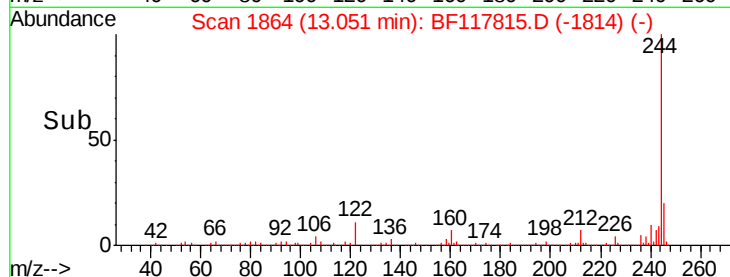
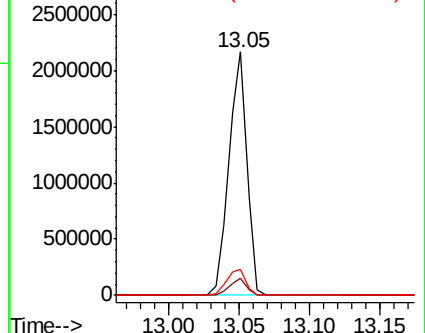
122 10.7 9.4 14.2



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: BF117815.D

Acq: 15 Nov 2019 20:52

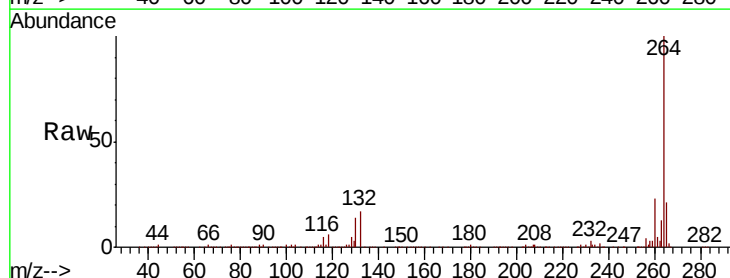
Tgt Ion:264 Resp: 702458

Ion Ratio Lower Upper

264 100

260 23.4 19.4 29.0

265 21.0 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

