

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
 Data File : BF117856.D
 Acq On : 19 Nov 2019 13:48
 Operator : JU
 Sample : K5865-20
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2-(10-12)

Quant Time: Nov 20 00:39:41 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

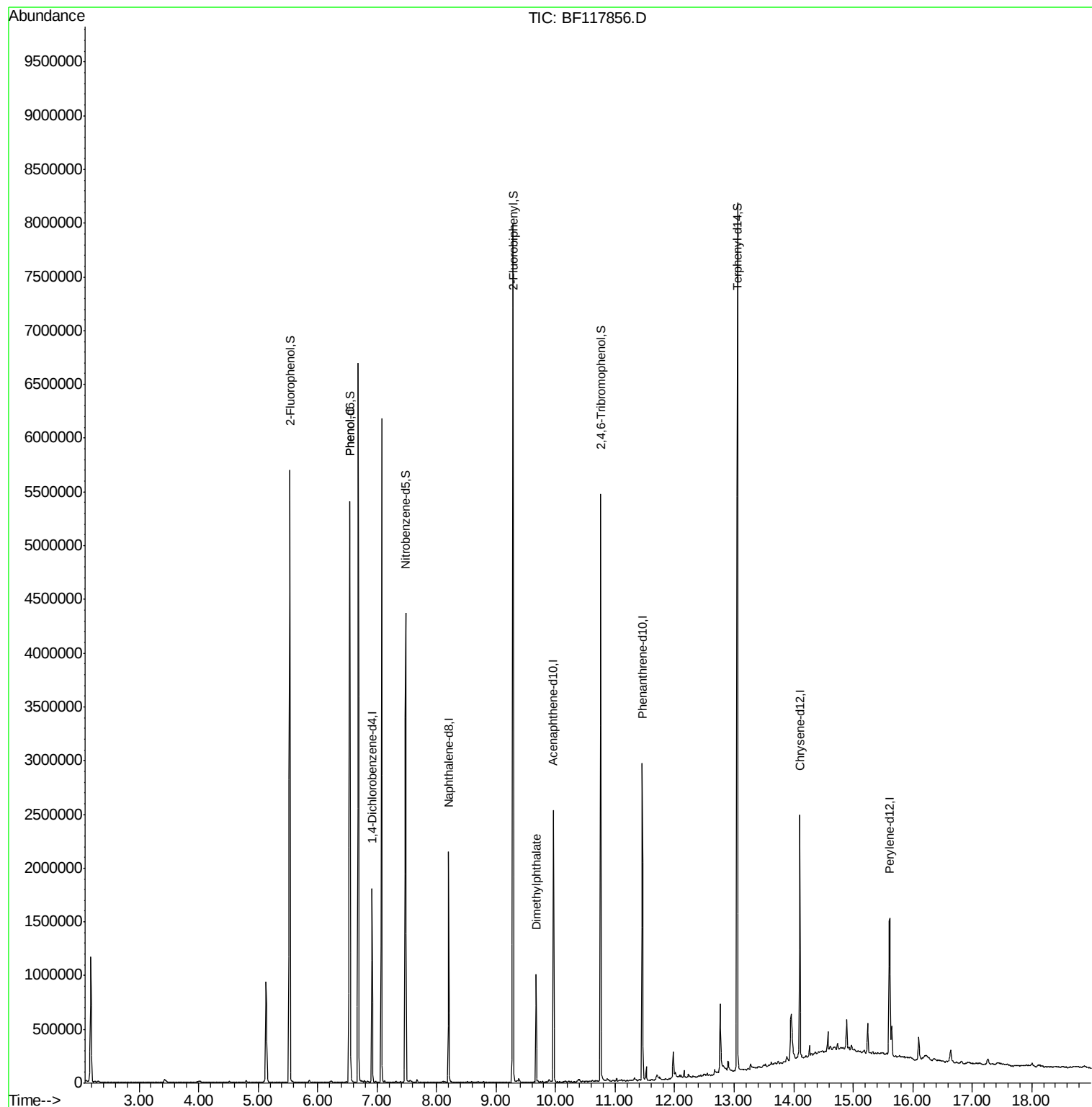
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	239504	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	946257	20.00	ng	-0.01
39) Acenaphthene-d10	9.96	164	525842	20.00	ng	-0.01
64) Phenanthrene-d10	11.46	188	1027754	20.00	ng	-0.01
76) Chrysene-d12	14.10	240	717819	20.00	ng	-0.01
87) Perylene-d12	15.62	264	642214	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1742222	128.76	ng	0.00
7) Phenol-d6	6.55	99	2243320	137.46	ng	0.00
23) Nitrobenzene-d5	7.48	82	1410799	88.63	ng	-0.01
42) 2,4,6-Tribromophenol	10.76	330	711410	127.79	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	2623770	89.52	ng	0.00
79) Terphenyl-d14	13.06	244	3237462	82.43	ng	0.00
Target Compounds						
10) Phenol	6.55	94	108835	6.418	ng	97
50) Dimethylphthalate	9.67	163	371182	10.066	ng	98

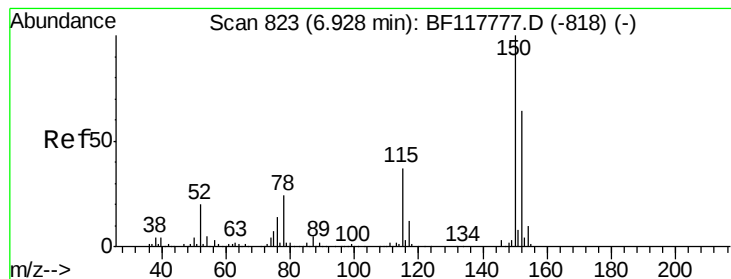
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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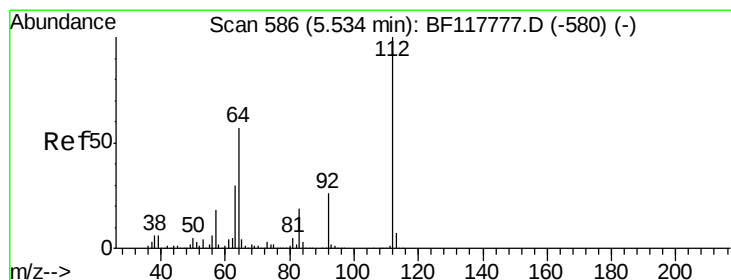
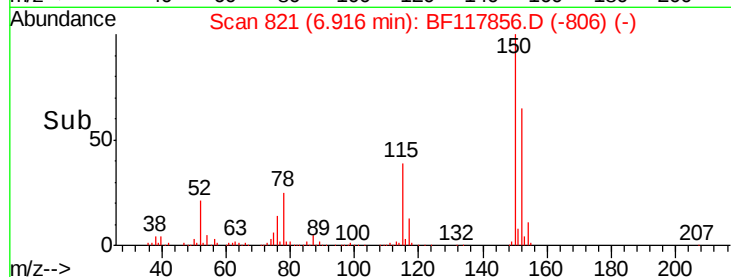
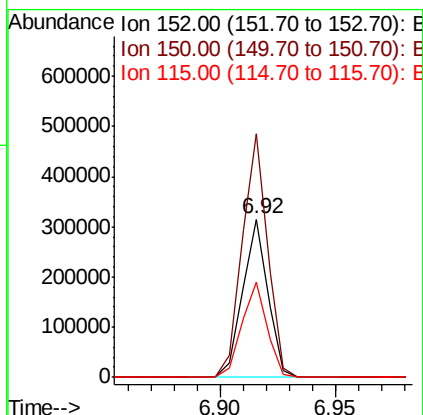
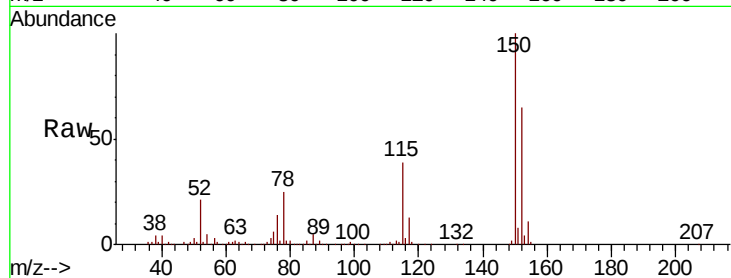


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF117856.D
Acq: 19 Nov 2019 13:48

Instrument :
BNA_F
ClientSampleId :
2-(10-12)

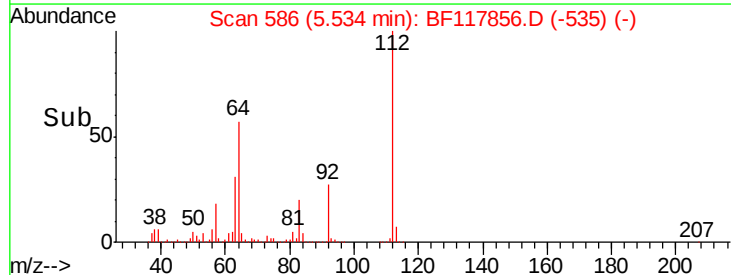
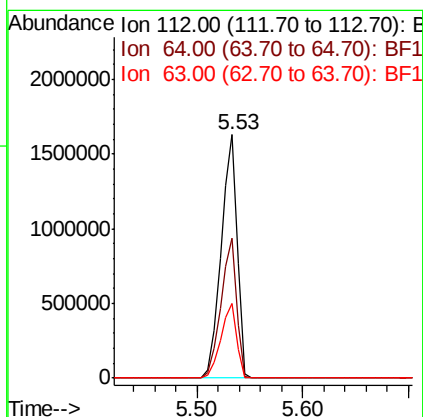
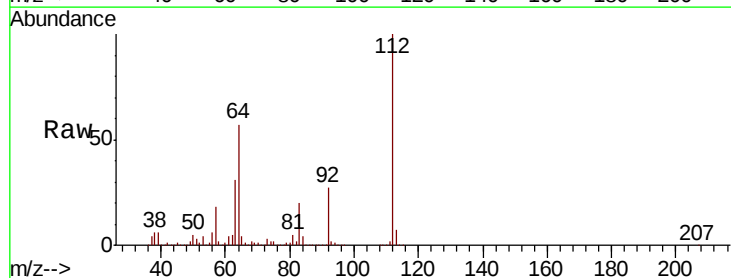
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	125.3	187.9
115	60.0	47.0	70.4

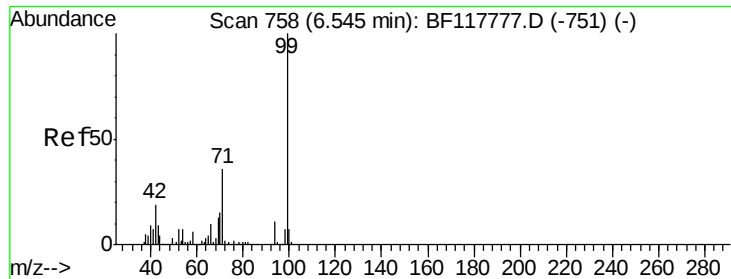


#5

2-Fluorophenol
Concen: 128.763 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.00 min
Lab File: BF117856.D
Acq: 19 Nov 2019 13:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.3	45.6	68.4
63	30.6	24.1	36.1





#7

Phenol-d6

Concen: 137.459 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF117856.D

Acq: 19 Nov 2019 13:48

Instrument :

BNA_F

ClientSampleId :

2-(10-12)

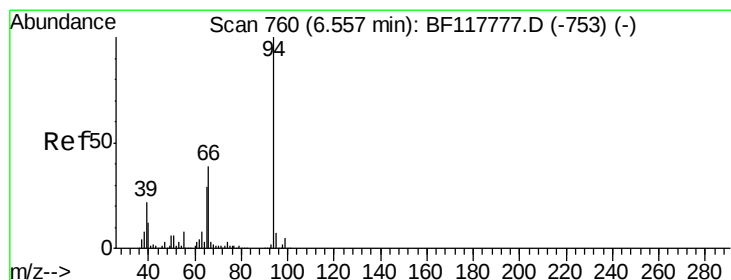
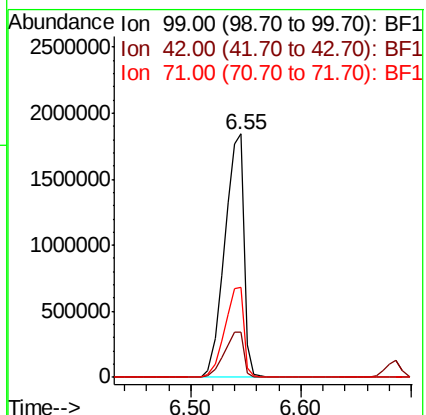
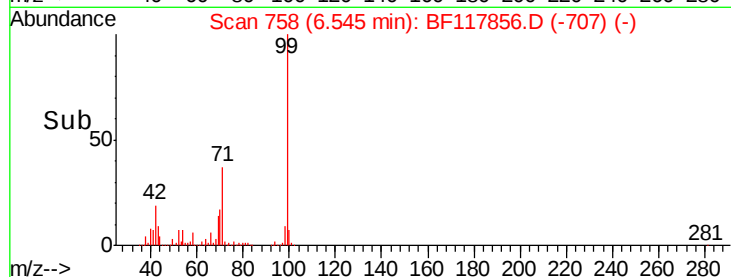
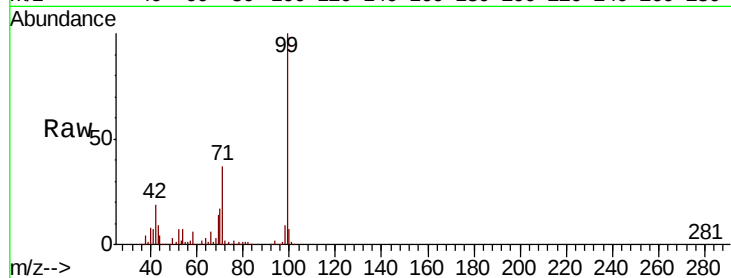
Tot Ion: 99 Resp: 2243320

Ion Ratio Lower Upper

99 100

42 18.6 14.9 22.3

71 36.8 28.6 43.0



#10

Phenol

Concen: 6.418 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF117856.D

Acq: 19 Nov 2019 13:48

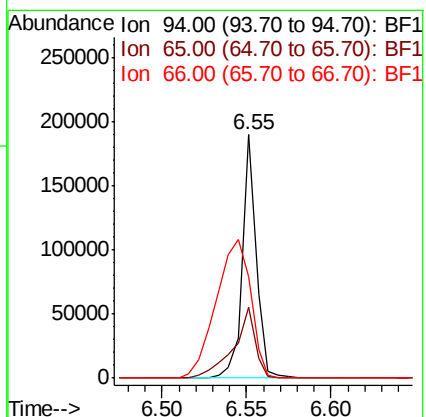
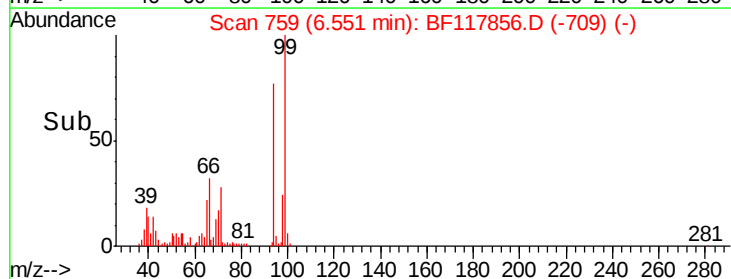
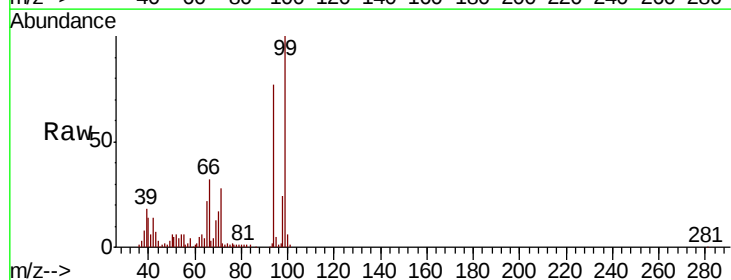
Tgt Ion: 94 Resp: 108835

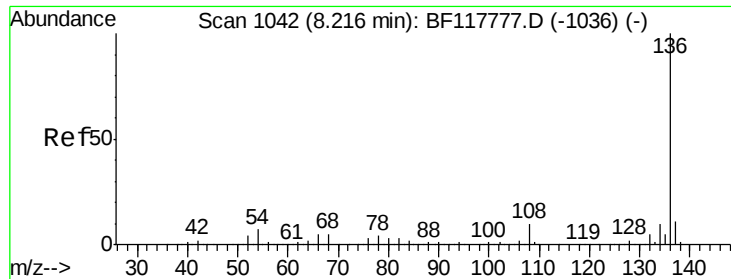
Ion Ratio Lower Upper

94 100

65 29.1 8.9 48.9

66 41.7 18.7 58.7

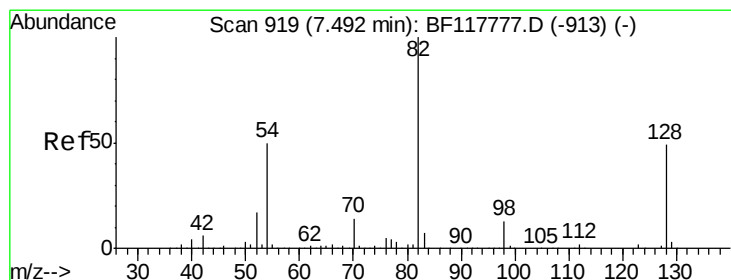
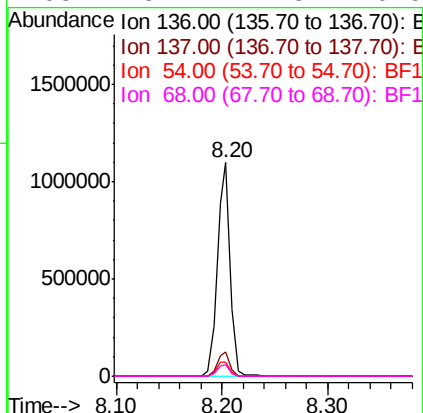
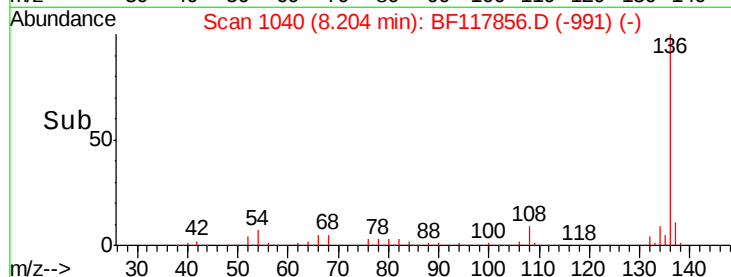
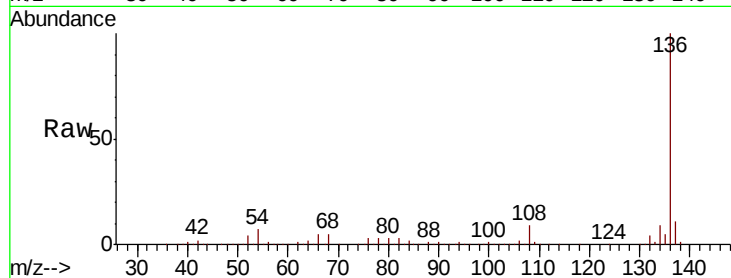




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF117856.D
Acq: 19 Nov 2019 13:48

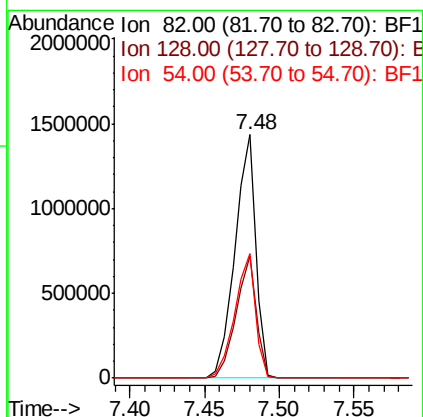
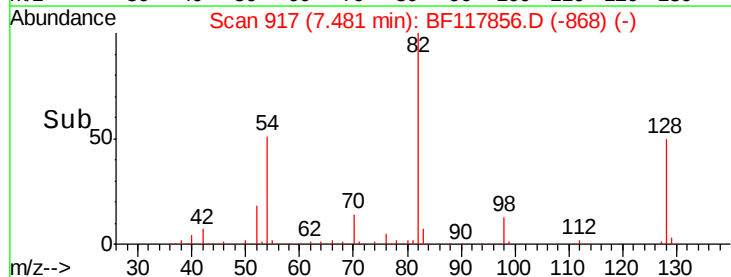
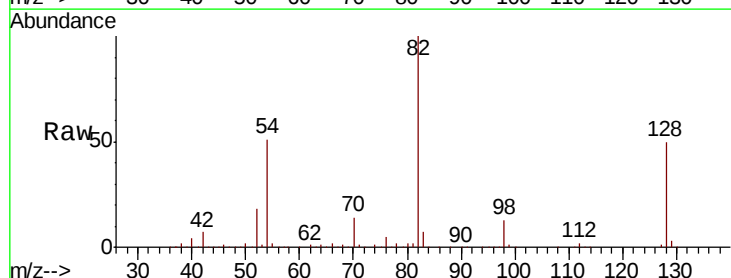
Instrument :
BNA_F
ClientSampleId :
2-(10-12)

Tot Ion:136	Resp:	946257
Ion Ratio	Lower	Upper
136 100		
137 11.1	9.0	13.4
54 6.6	5.4	8.2
68 5.2	4.3	6.5



#23
Nitrobenzene-d5
Concen: 88.629 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF117856.D
Acq: 19 Nov 2019 13:48

Tgt Ion: 82	Resp: 1410799
Ion Ratio	Lower Upper
82 100	
128 49.9	38.9 58.3
54 51.2	39.8 59.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF117856.D

Acq: 19 Nov 2019 13:48

Instrument :

BNA_F

ClientSampleId :

2-(10-12)

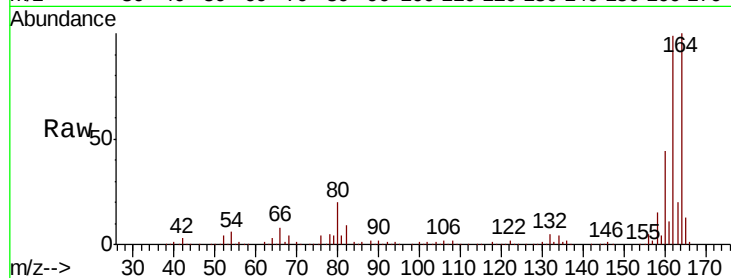
Tot Ion:164 Resp: 525842

Ion Ratio Lower Upper

164 100

162 98.8 81.3 121.9

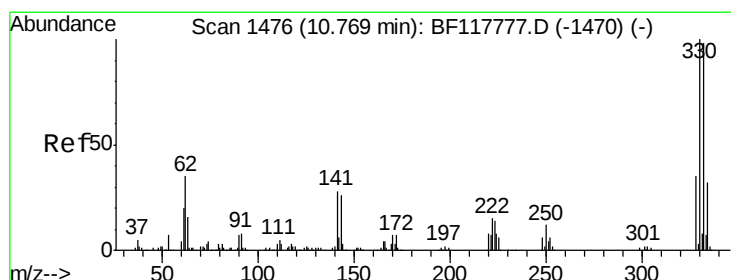
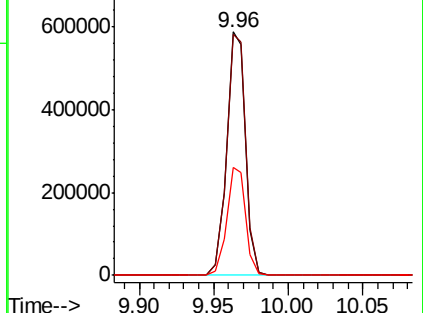
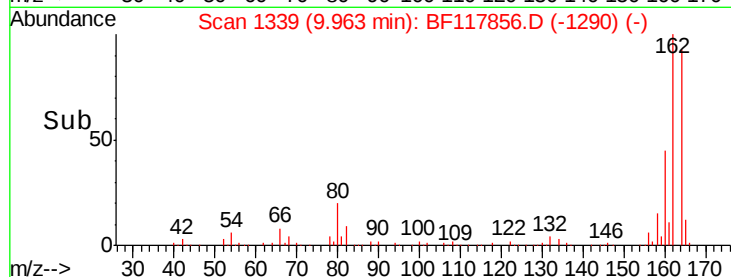
160 44.4 36.6 55.0



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: 127.790 ng

RT: 10.76 min Scan# 1475

Delta R.T. -0.01 min

Lab File: BF117856.D

Acq: 19 Nov 2019 13:48

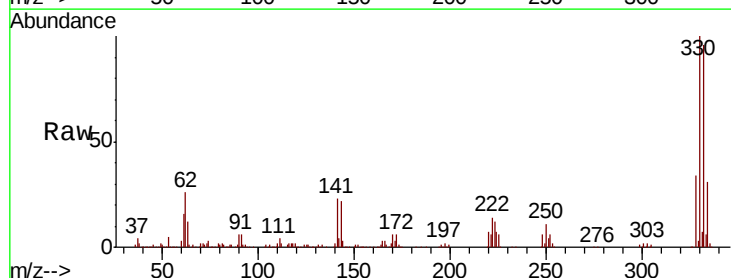
Tgt Ion:330 Resp: 711410

Ion Ratio Lower Upper

330 100

332 96.0 76.7 115.1

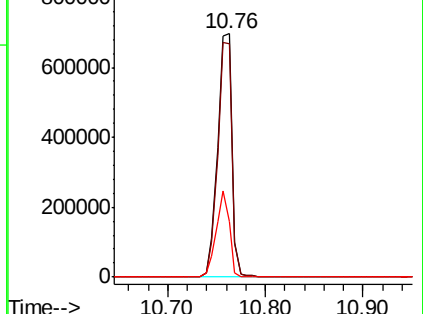
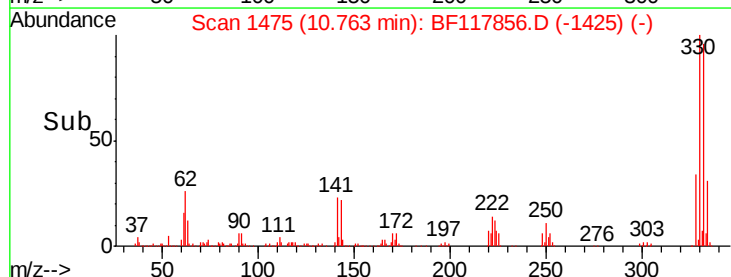
141 32.6 27.7 41.5

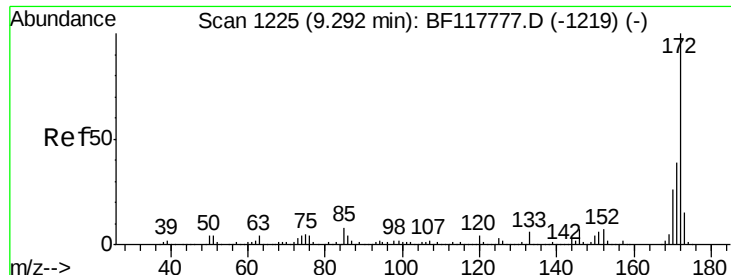


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



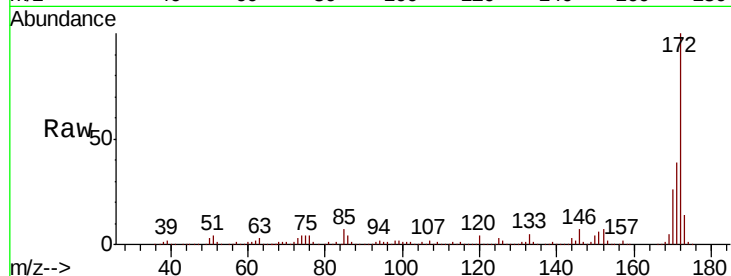


#45
 2-Fluorobiphenyl
 Concen: 89.516 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF117856.D
 Acq: 19 Nov 2019 13:48

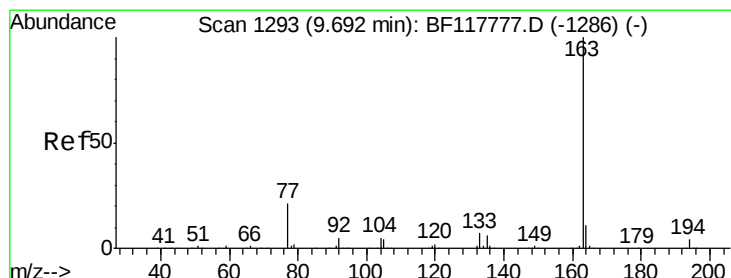
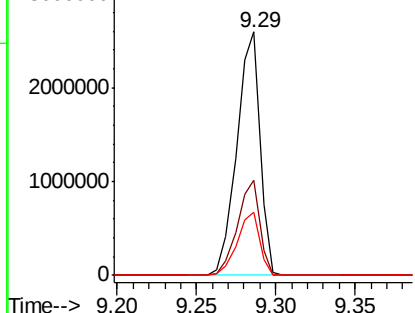
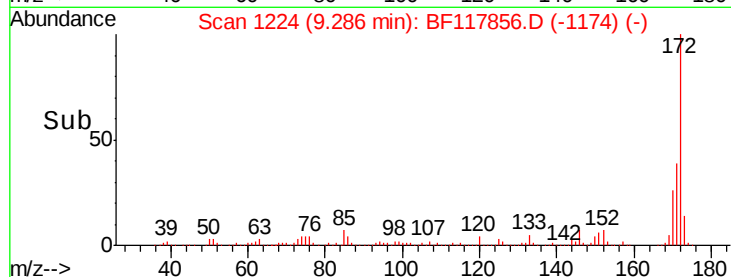
Instrument :
 BNA_F
 ClientSampleId :
 2-(10-12)

Tot Ion:172 Resp: 2623770

Ion	Ratio	Lower	Upper
172	100		
171	38.9	30.9	46.3
170	25.8	21.0	31.4



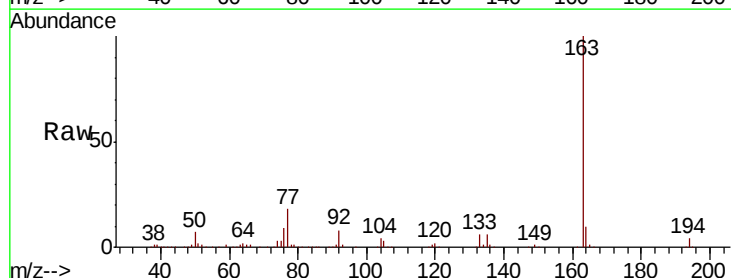
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



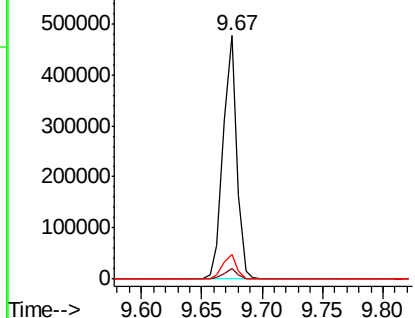
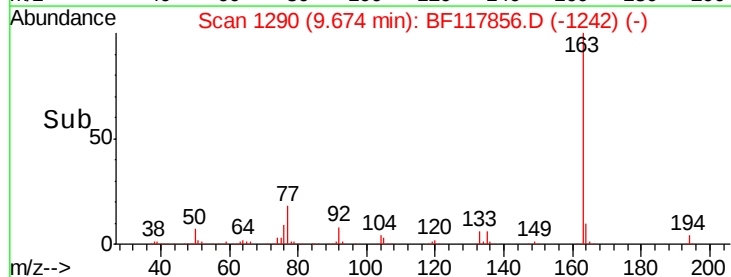
#50
 Dimethylphthalate
 Concen: 10.066 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.02 min
 Lab File: BF117856.D
 Acq: 19 Nov 2019 13:48

Tgt Ion:163 Resp: 371182

Ion	Ratio	Lower	Upper
163	100		
194	4.3	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

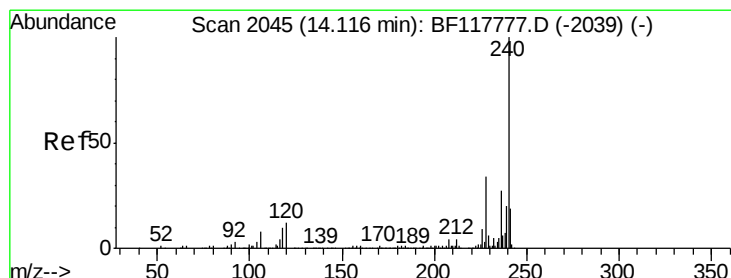
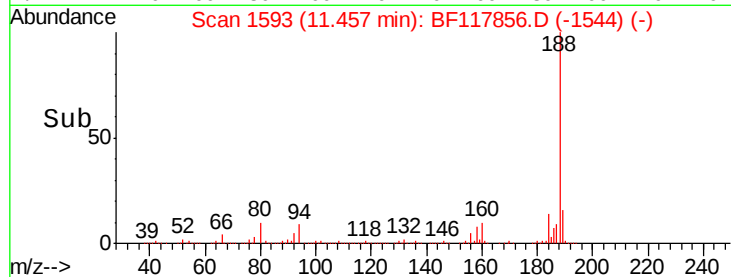
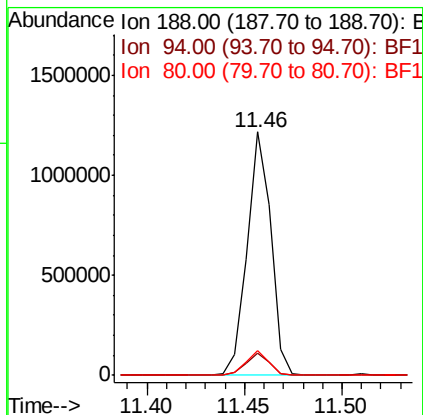
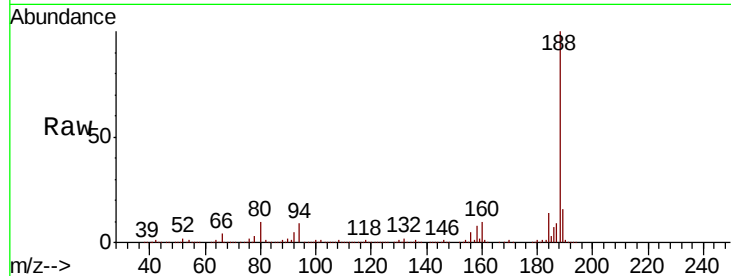




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BF117856.D
Acq: 19 Nov 2019 13:48

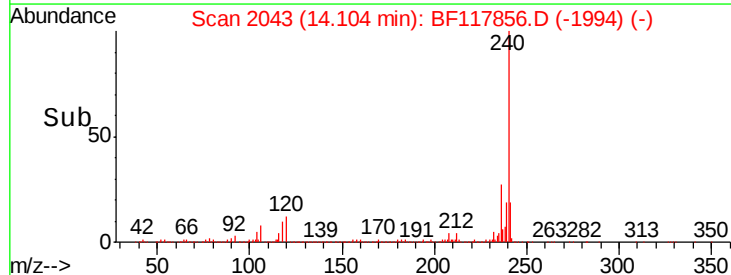
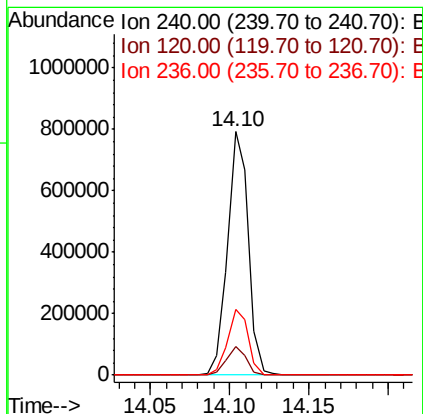
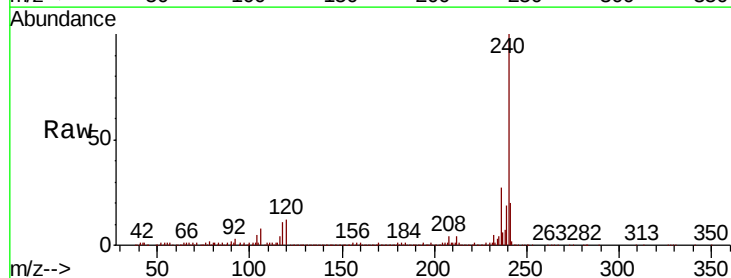
Instrument :
BNA_F
ClientSampleId :
2-(10-12)

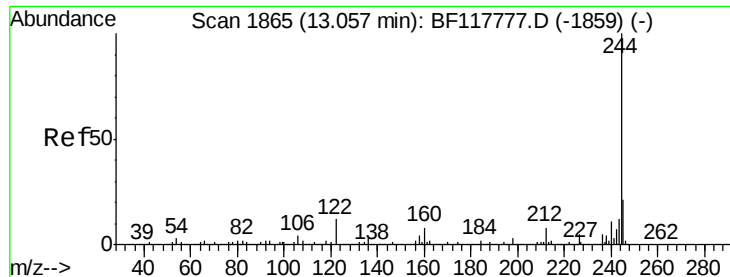
Tot Ion:188 Resp: 1027754
Ion Ratio Lower Upper
188 100
94 9.3 6.6 10.0
80 9.9 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BF117856.D
Acq: 19 Nov 2019 13:48

Tgt Ion:240 Resp: 717819
Ion Ratio Lower Upper
240 100
120 11.7 9.5 14.3
236 26.8 21.3 31.9





#79

Terphenyl-d14

Concen: 82.428 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.00 min

Lab File: BF117856.D

Acq: 19 Nov 2019 13:48

Instrument :

BNA_F

ClientSampleId :

2-(10-12)

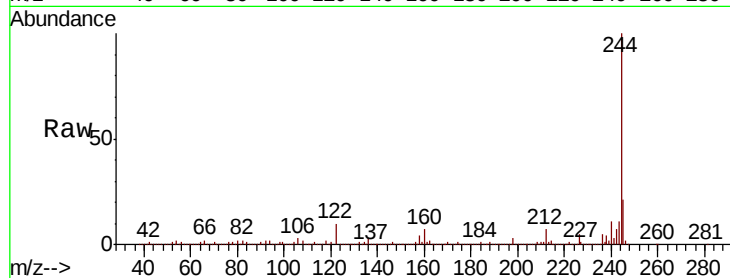
Tot Ion:244 Resp: 3237462

Ion Ratio Lower Upper

244 100

212 7.5 6.3 9.5

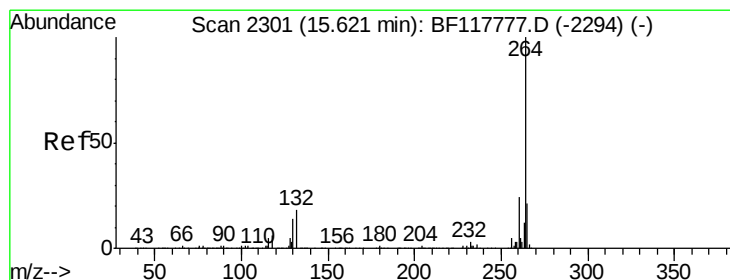
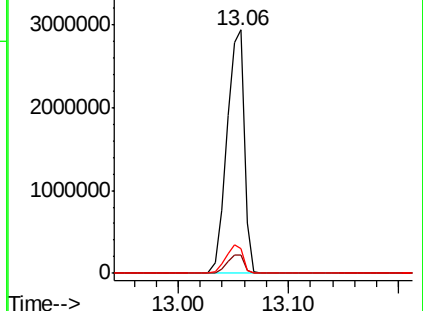
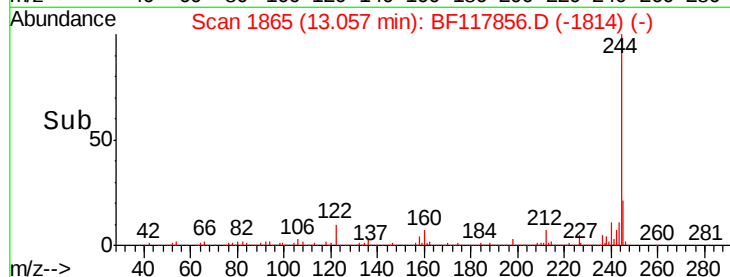
122 10.3 9.4 14.2



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: BF117856.D

Acq: 19 Nov 2019 13:48

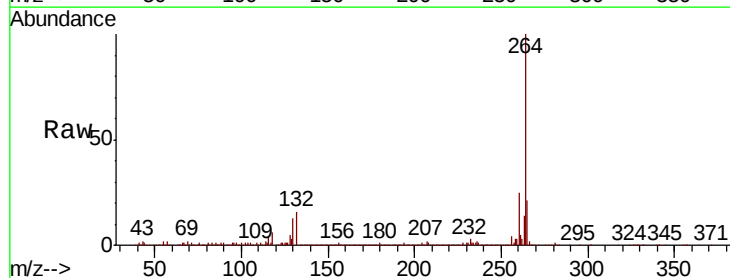
Tgt Ion:264 Resp: 642214

Ion Ratio Lower Upper

264 100

260 24.7 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

