

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110819\
 Data File : BF117739.D
 Acq On : 8 Nov 2019 18:56
 Operator : JU
 Sample : K5742-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 (ERB)-EQUIPMENT-RINSATE-BLAN

Quant Time: Nov 09 02:51:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 06 17:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	337160	20.00	ng	-0.01
21) Naphthalene-d8	8.22	136	1325509	20.00	ng	-0.01
39) Acenaphthene-d10	9.97	164	721767	20.00	ng	-0.01
64) Phenanthrene-d10	11.47	188	1372495	20.00	ng	0.00
76) Chrysene-d12	14.11	240	908270	20.00	ng	-0.02
87) Perylene-d12	15.62	264	823052	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1941643	104.24	ng	0.00
7) Phenol-d6	6.55	99	1774465	77.26	ng	-0.01
23) Nitrobenzene-d5	7.49	82	1883964	83.91	ng	-0.01
42) 2,4,6-Tribromophenol	10.77	330	964052	136.54	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	3171569	86.70	ng	-0.01
79) Terphenyl-d14	13.06	244	4191513	95.00	ng	0.00

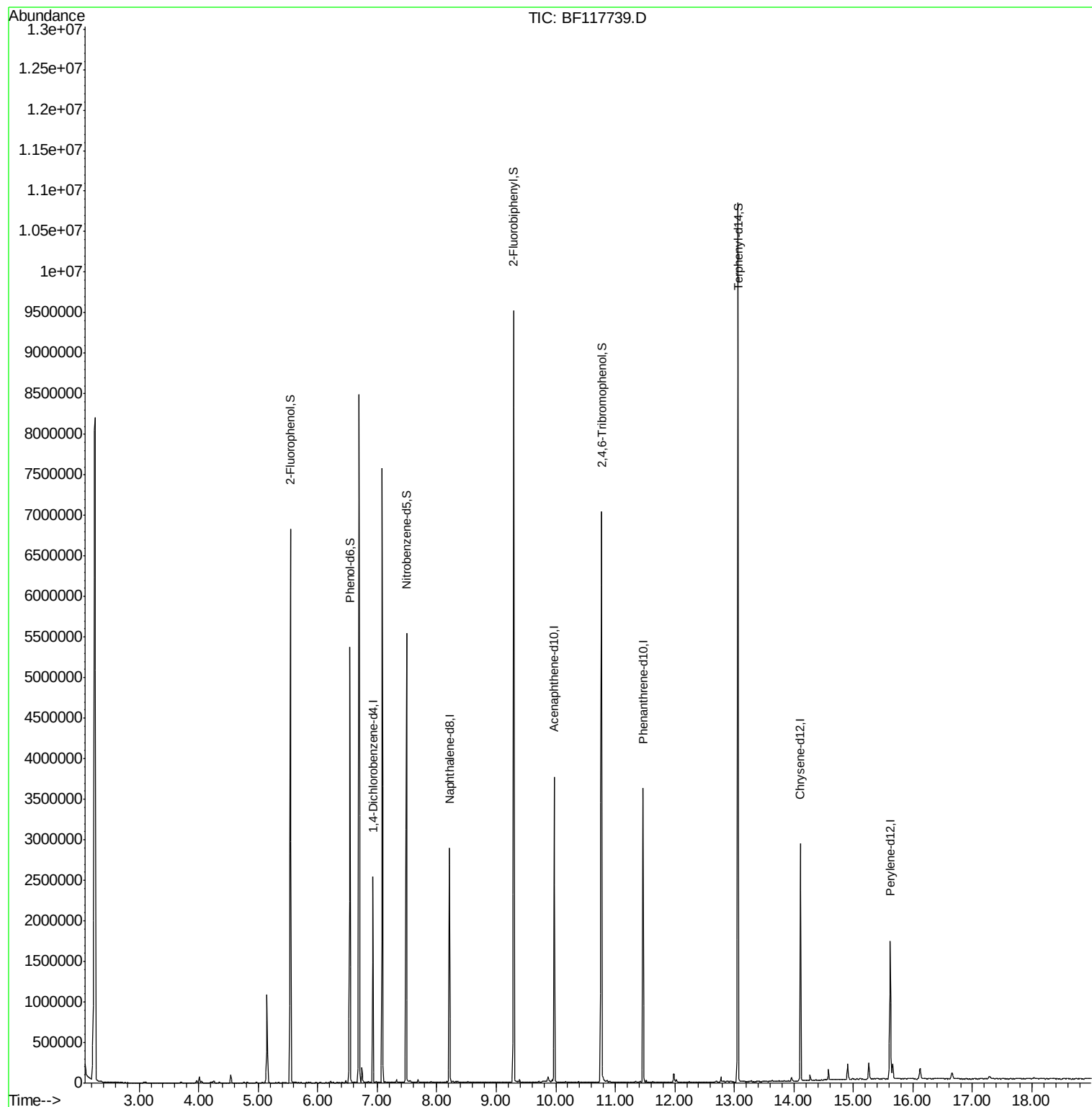
Target Compounds Qvalue

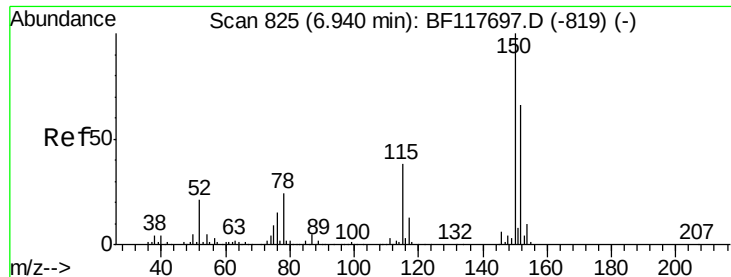
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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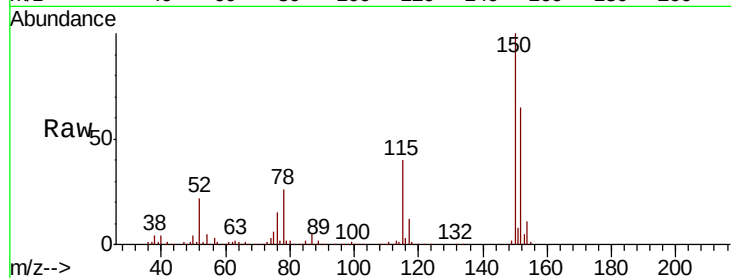


#1

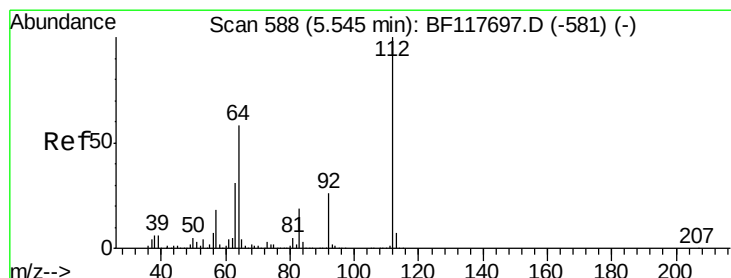
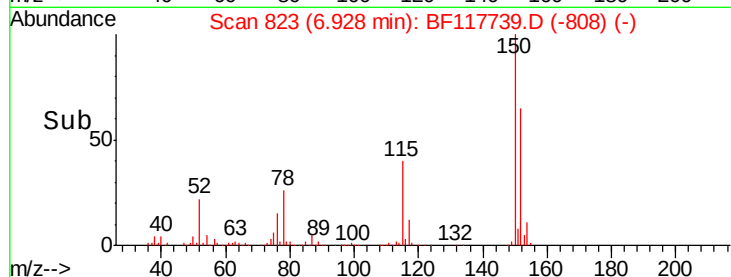
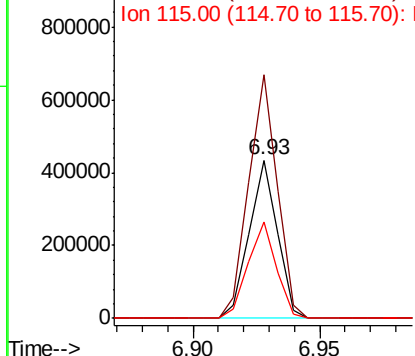
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF117739.D
Acq: 8 Nov 2019 18:56

Instrument :
BNA_F
ClientSampleId :
(ERB)-EQUIPMENT-RINSATE-BLAN

Tot Ion:152 Resp: 337160
Ion Ratio Lower Upper
152 100
150 153.7 121.4 182.2
115 61.2 46.7 70.1



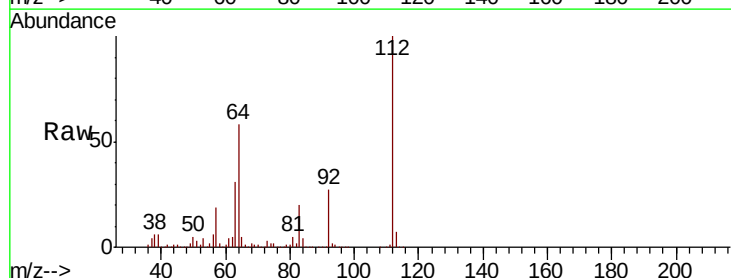
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



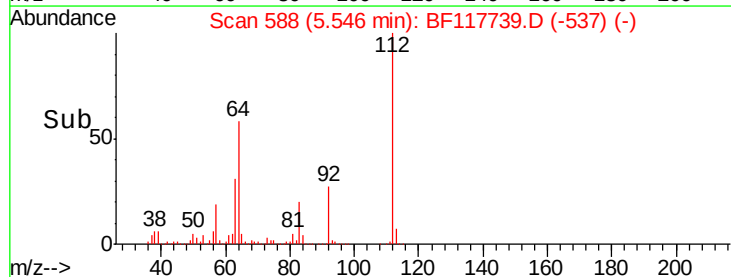
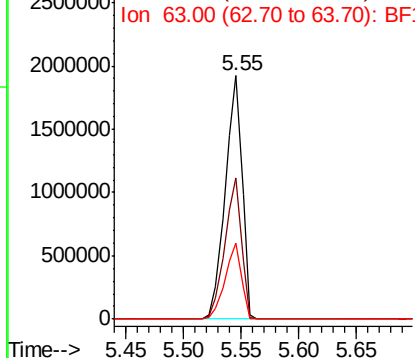
#5

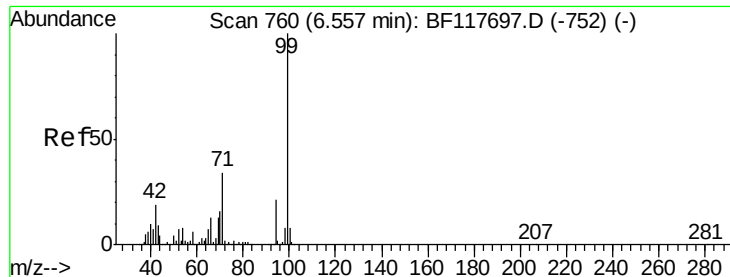
2-Fluorophenol
Concen: 104.243 ng
RT: 5.55 min Scan# 588
Delta R.T. 0.00 min
Lab File: BF117739.D
Acq: 8 Nov 2019 18:56

Tgt Ion:112 Resp: 1941643
Ion Ratio Lower Upper
112 100
64 57.8 46.4 69.6
63 31.3 24.6 37.0



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: 77.263 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF117739.D

Acq: 8 Nov 2019 18:56

Instrument :

BNA_F

ClientSampleId :

(ERB)-EQUIPMENT-RINSATE-BLAN

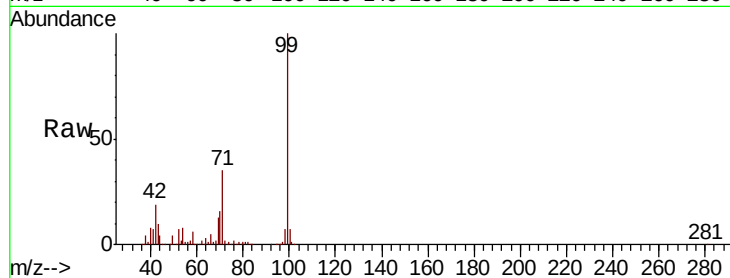
Tot Ion: 99 Resp: 1774465

Ion Ratio Lower Upper

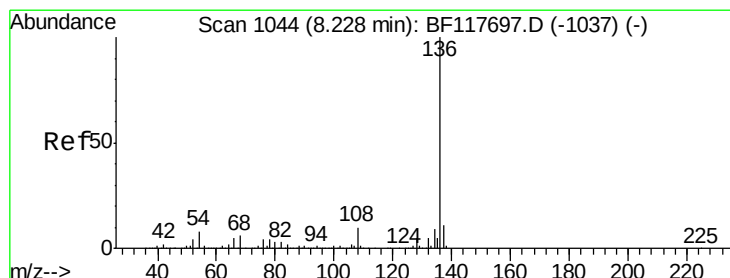
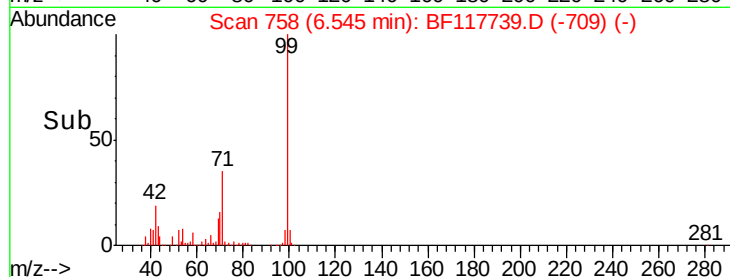
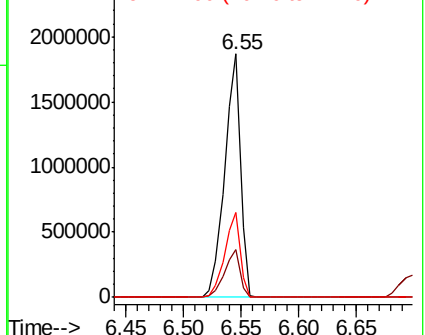
99 100

42 19.5 15.3 22.9

71 35.1 26.8 40.2



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: 8.22 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF117739.D

Acq: 8 Nov 2019 18:56

Tgt Ion: 136 Resp: 1325509

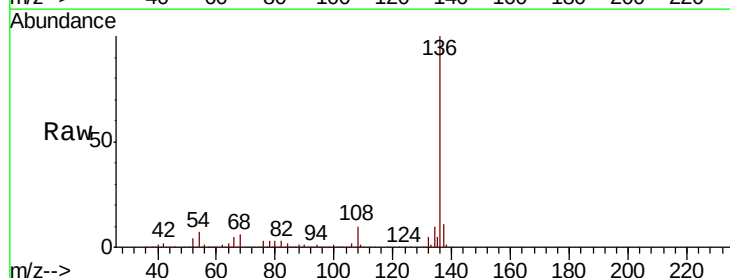
Ion Ratio Lower Upper

136 100

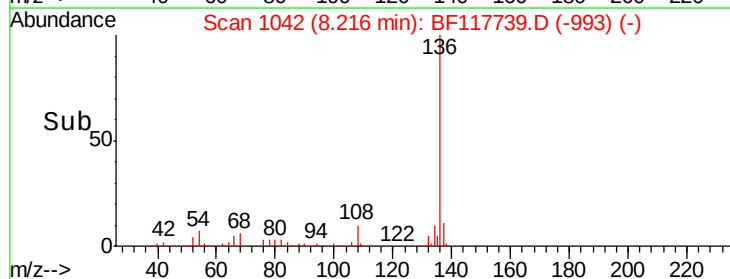
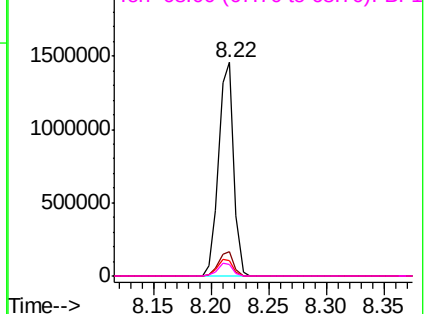
137 11.2 8.8 13.2

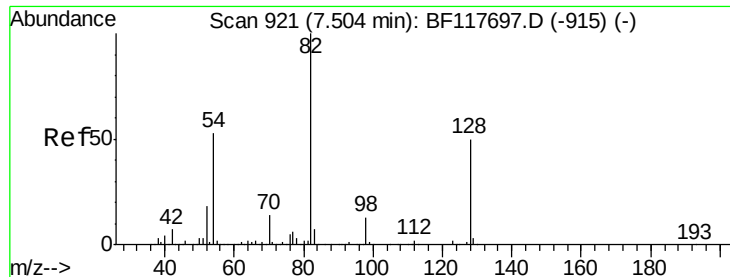
54 7.3 6.0 9.0

68 5.6 4.8 7.2



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

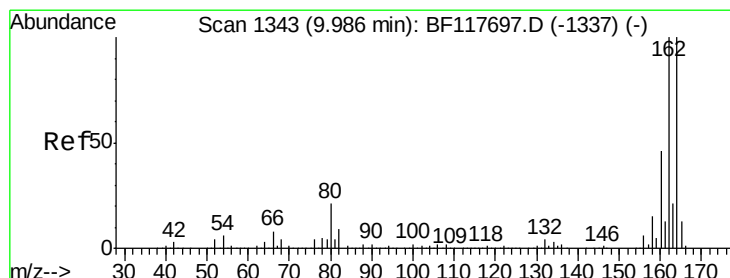
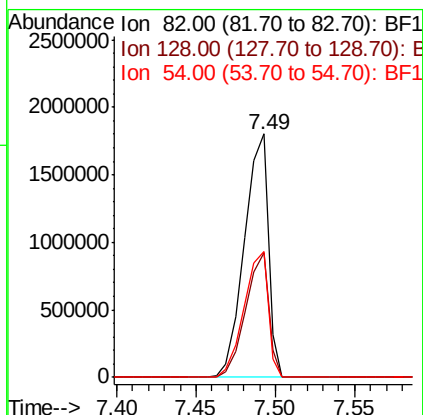
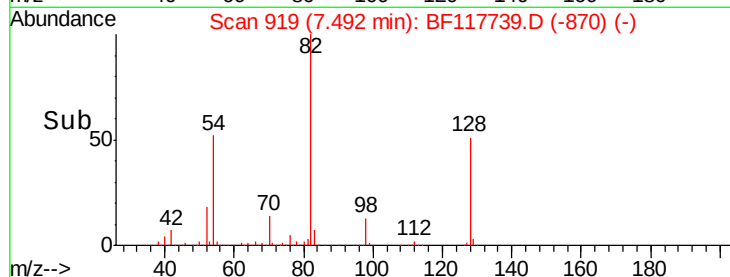
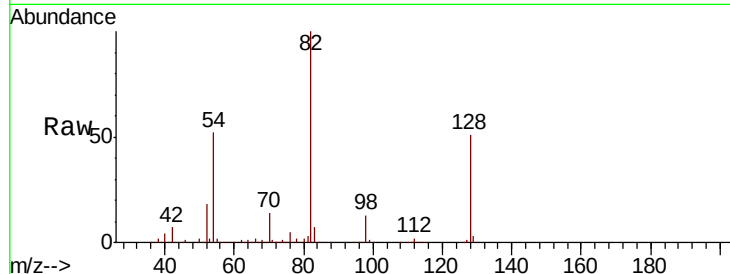




#23
Nitrobenzene-d5
Concen: 83.913 ng
RT: 7.49 min Scan# 919
Delta R.T. -0.01 min
Lab File: BF117739.D
Acq: 8 Nov 2019 18:56

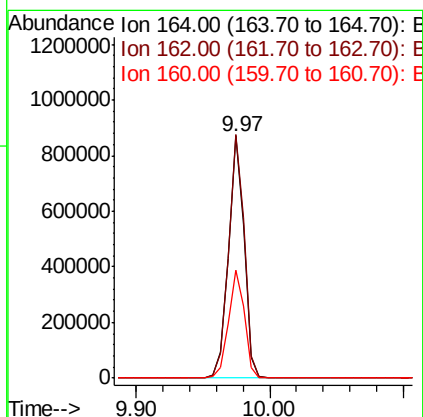
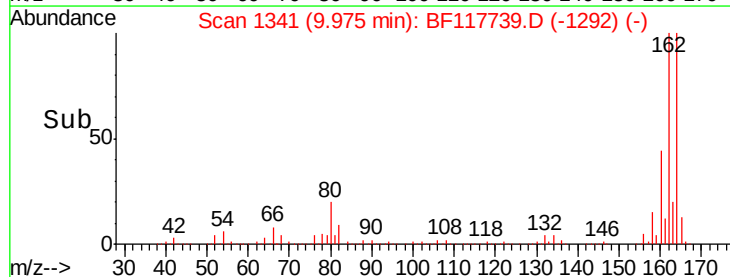
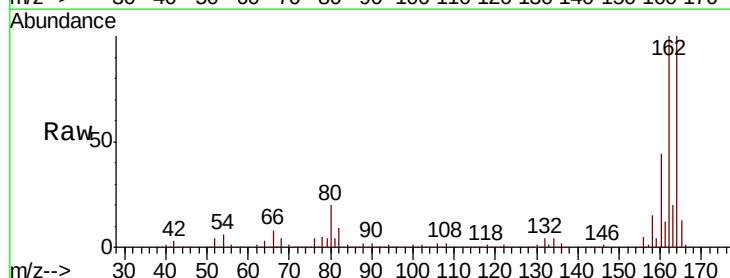
Instrument :
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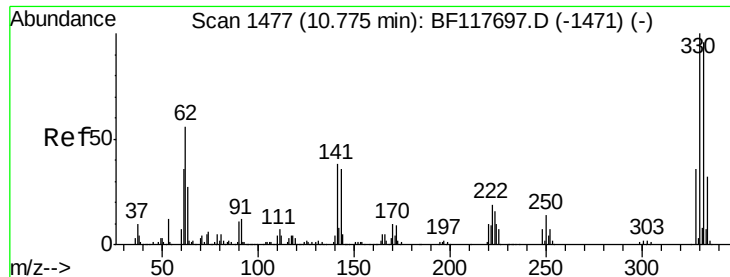
Tot Ion: 82 Resp: 1883964
Ion Ratio Lower Upper
82 100
128 51.2 40.2 60.2
54 51.8 42.0 63.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF117739.D
Acq: 8 Nov 2019 18:56

Tgt Ion: 164 Resp: 721767
Ion Ratio Lower Upper
164 100
162 100.5 79.7 119.5
160 44.3 36.5 54.7





#42

2,4,6-Tribromophenol

Concen: 136.541 ng

RT: 10.77 min Scan# 1476

Delta R.T. -0.01 min

Lab File: BF117739.D

Acq: 8 Nov 2019 18:56

Instrument :

BNA_F

ClientSampleId :

(ERB)-EQUIPMENT-RINSATE-BLAN

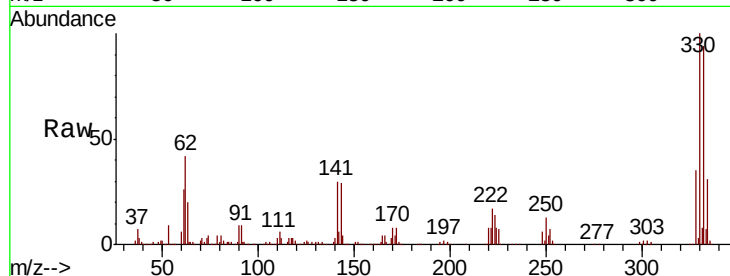
Tot Ion:330 Resp: 964052

Ion Ratio Lower Upper

330 100

332 96.0 77.4 116.0

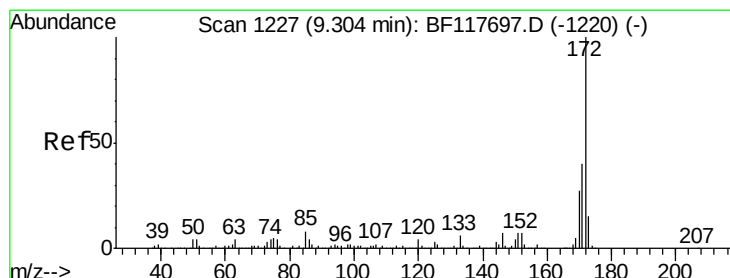
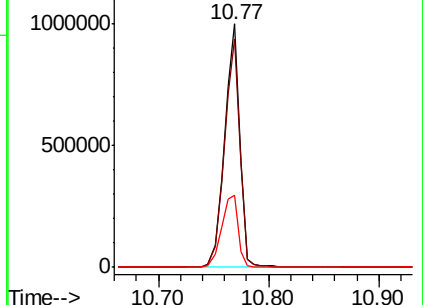
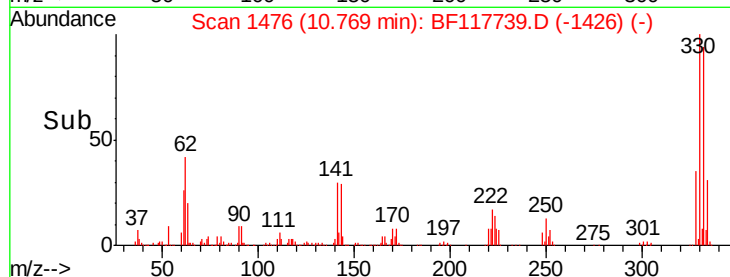
141 32.9 28.0 42.0



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: 86.698 ng

RT: 9.29 min Scan# 1225

Delta R.T. -0.01 min

Lab File: BF117739.D

Acq: 8 Nov 2019 18:56

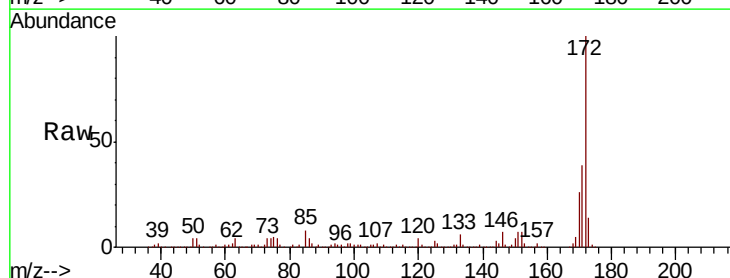
Tgt Ion:172 Resp: 3171569

Ion Ratio Lower Upper

172 100

171 38.5 31.8 47.8

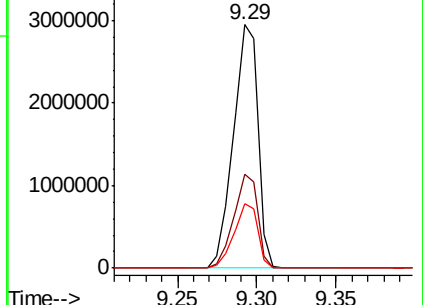
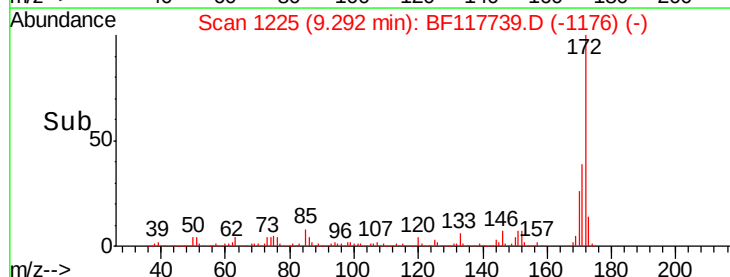
170 26.3 21.6 32.4

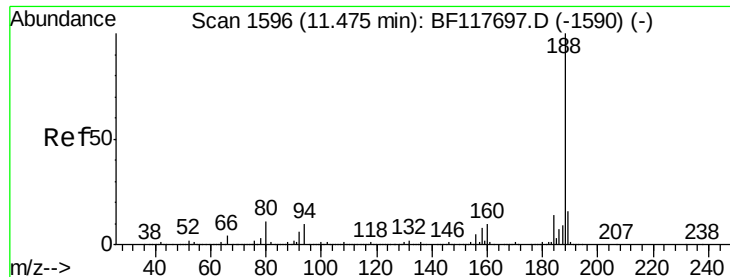


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.47 min Scan# 1595

Delta R.T. -0.01 min

Lab File: BF117739.D

Acq: 8 Nov 2019 18:56

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ClientSampleId :

(ERB)-EQUIPMENT-RINSATE-BLAN

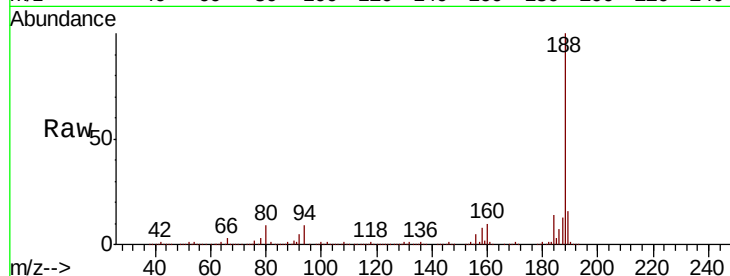
Tot Ion:188 Resp: 1372495

Ion Ratio Lower Upper

188 100

94 8.9 8.2 12.4

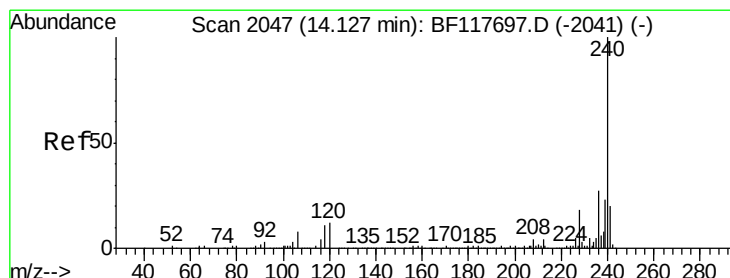
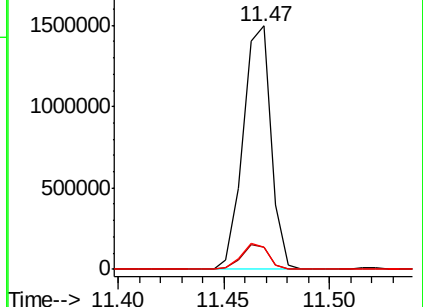
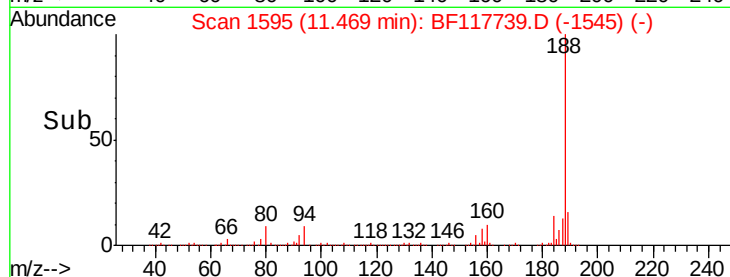
80 9.4 8.6 13.0



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. -0.02 min

Lab File: BF117739.D

Acq: 8 Nov 2019 18:56

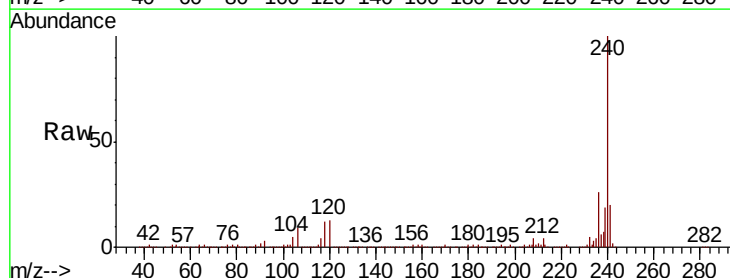
Tgt Ion:240 Resp: 908270

Ion Ratio Lower Upper

240 100

120 12.9 9.7 14.5

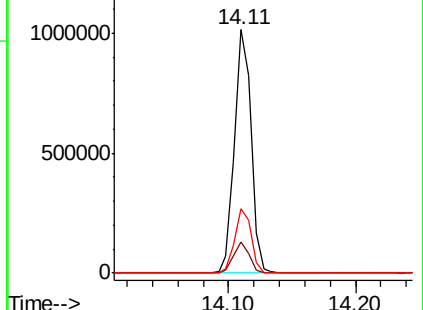
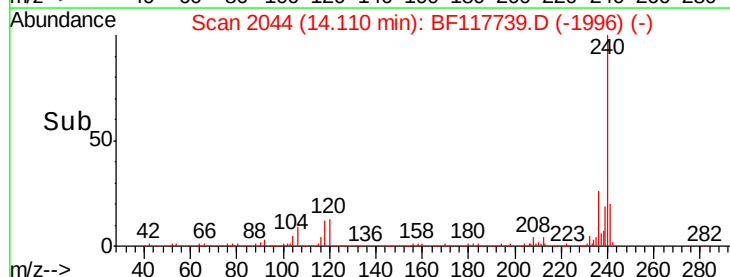
236 26.3 21.9 32.9

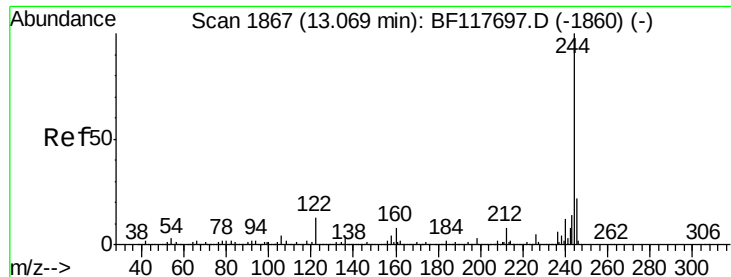


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 95.000 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF117739.D

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(ERB)-EQUIPMENT-RINSATE-BLAN

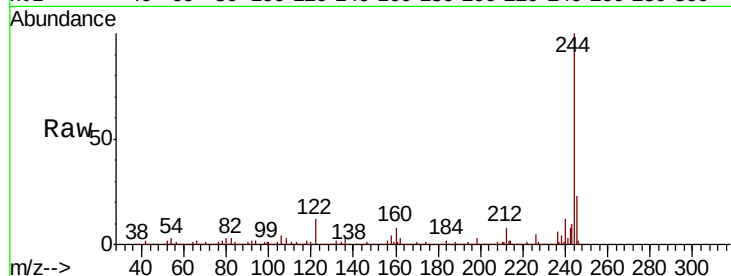
Tot Ion:244 Resp: 4191513

Ion Ratio Lower Upper

244 100

212 8.3 6.4 9.6

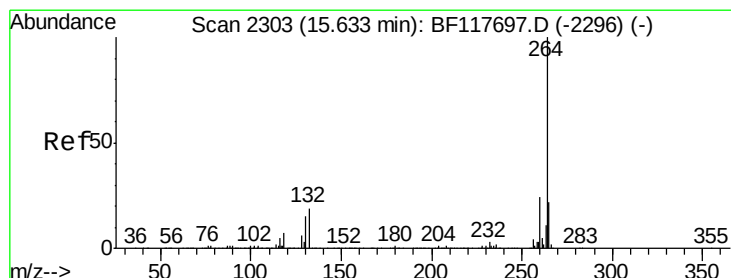
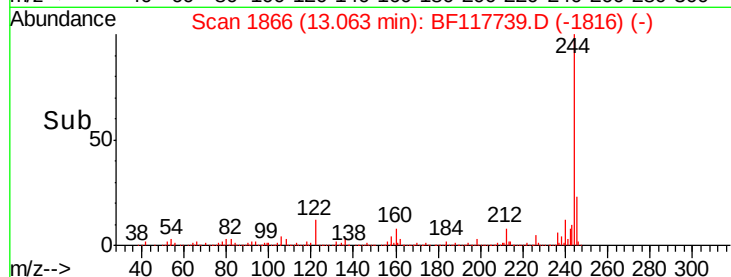
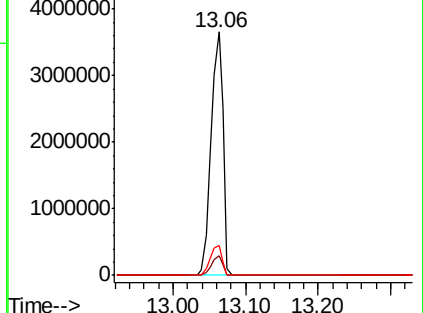
122 12.4 10.0 15.0



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# 2301

Delta R.T. -0.01 min

Lab File: BF117739.D

Acq: 8 Nov 2019 18:56

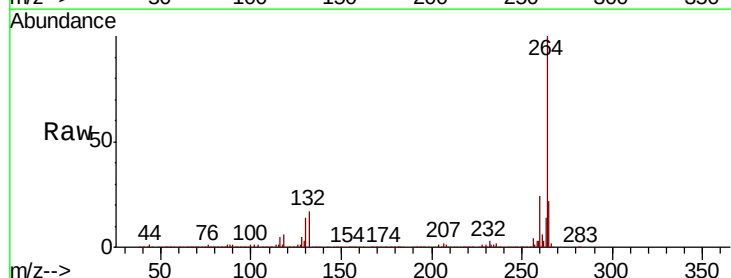
Tgt Ion:264 Resp: 823052

Ion Ratio Lower Upper

264 100

260 24.3 18.8 28.2

265 21.5 17.7 26.5



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

