

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
 Data File : BF114839.D
 Acq On : 6 Jun 2019 00:48
 Operator : HP/JU
 Sample : K3182-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 06 05:04:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 04 16:57:15 2019
 Response via : Initial Calibration

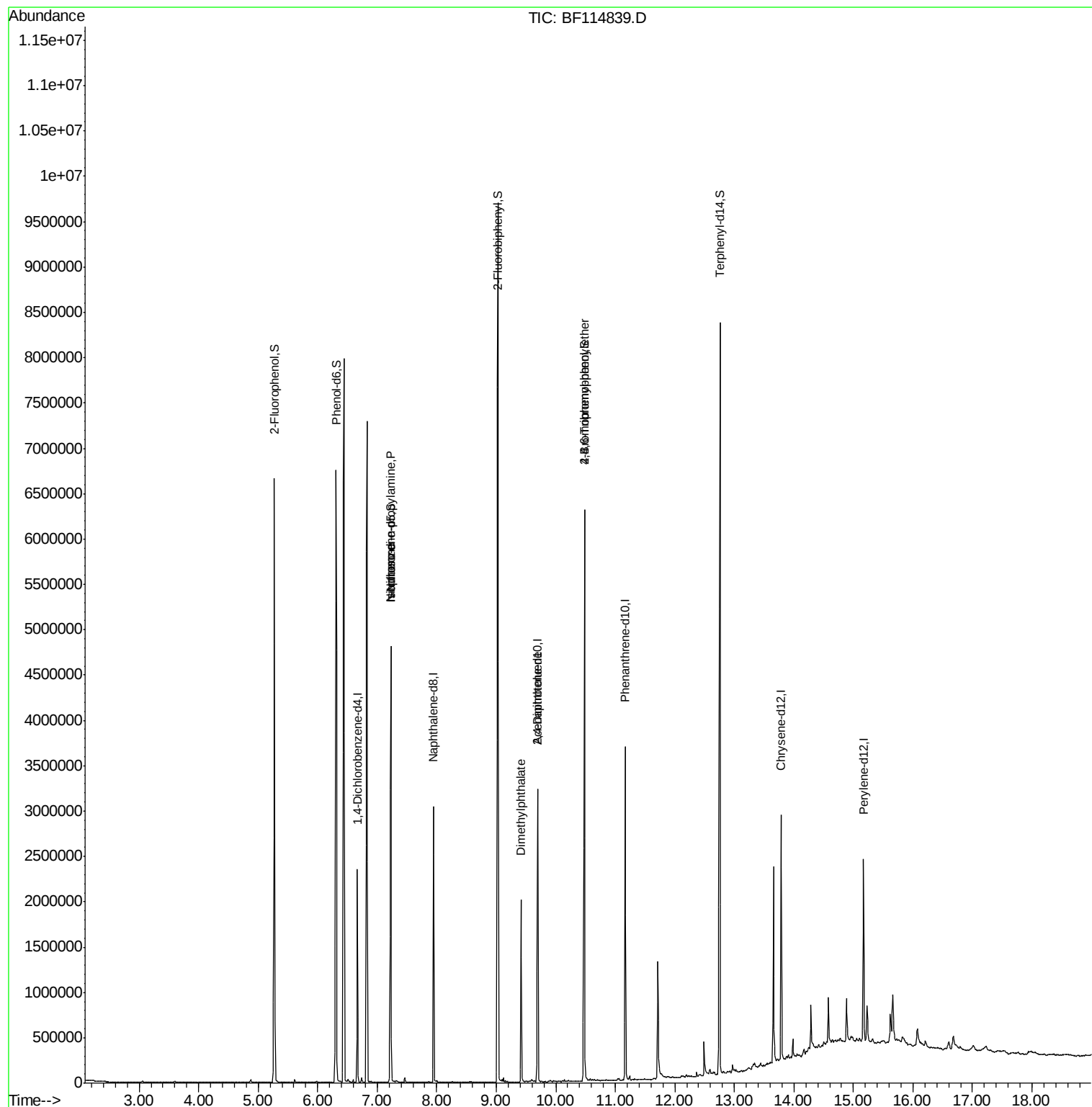
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	346818	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1333408	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	667715	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1270744	20.00	ng	0.00
76) Chrysene-d12	13.79	240	842722	20.00	ng	0.00
87) Perylene-d12	15.17	264	902893	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	2386044	120.21	ng	0.01
7) Phenol-d6	6.31	99	2915683	120.73	ng	0.00
23) Nitrobenzene-d5	7.23	82	1863088	86.01	ng	0.00
42) 2,4,6-Tribromophenol	10.48	330	866891	120.47	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	3192814	89.57	ng	0.00
79) Terphenyl-d14	12.76	244	3222174	74.36	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.23	70	252333	15.784	ng	# 77
25) Isophorone	7.23	82	1848445	43.166	ng	# 61
50) Dimethylphthalate	9.42	163	787362	16.145	ng	# 99
57) 2,4-Dinitrotoluene	9.69	165	88014	6.105	ng	# 32
58) Fluorene	10.24	166	1708	Below Cal		# 78
67) 4-Bromophenyl-phenylether	10.48	248	54689	3.789	ng	# 1

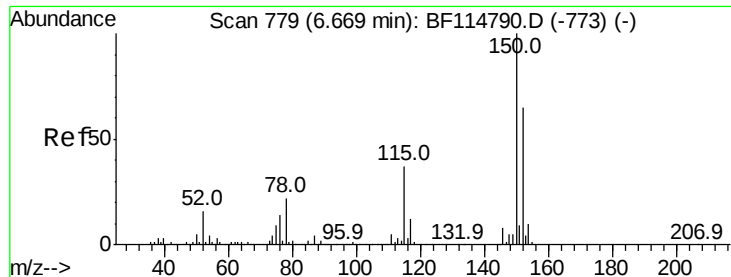
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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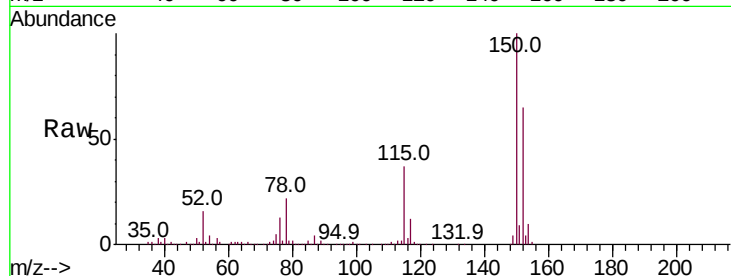


#1

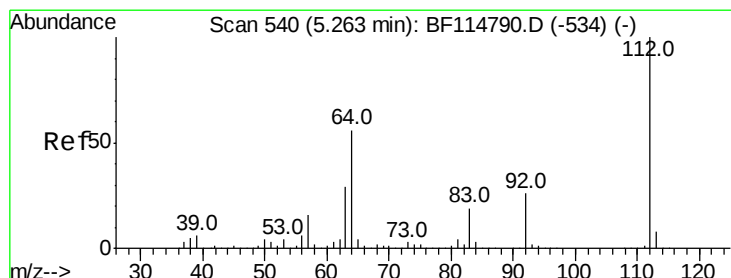
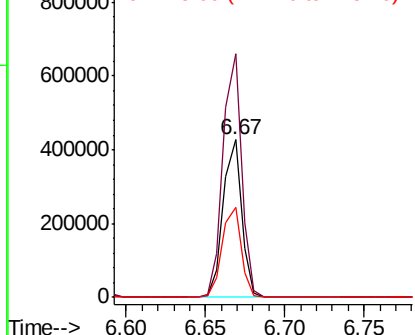
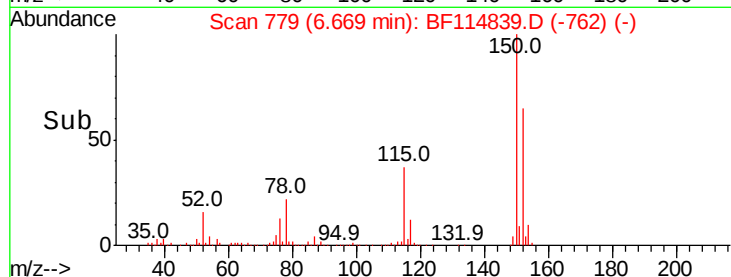
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF114839.D
Acq: 6 Jun 2019 00:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 346818
Ion Ratio Lower Upper
152 100
150 154.4 124.0 186.0
115 57.1 46.3 69.5



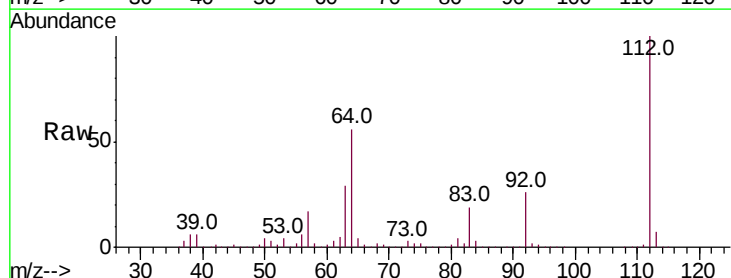
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



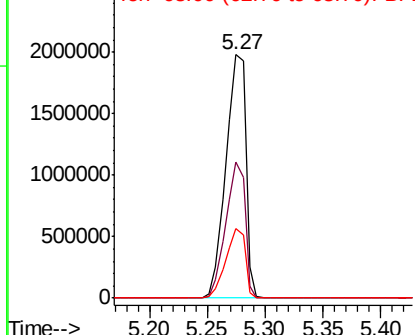
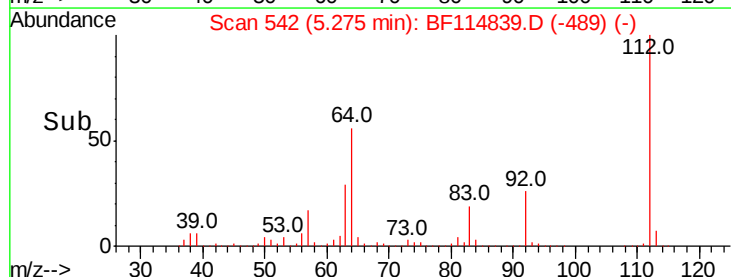
#5

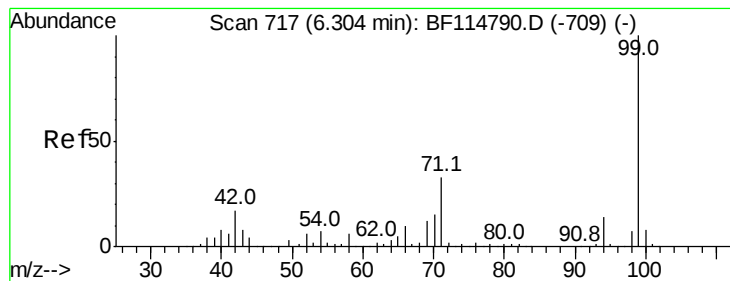
2-Fluorophenol
Concen: 120.215 ng
RT: 5.27 min Scan# 542
Delta R.T. 0.01 min
Lab File: BF114839.D
Acq: 6 Jun 2019 00:48

Tgt Ion:112 Resp: 2386044
Ion Ratio Lower Upper
112 100
64 56.0 44.6 66.8
63 28.7 23.0 34.4



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: 120.726 ng

RT: 6.31 min Scan# 718

Delta R.T. 0.01 min

Lab File: BF114839.D

Acq: 6 Jun 2019 00:48

Instrument :

BNA_F

ClientSampled :

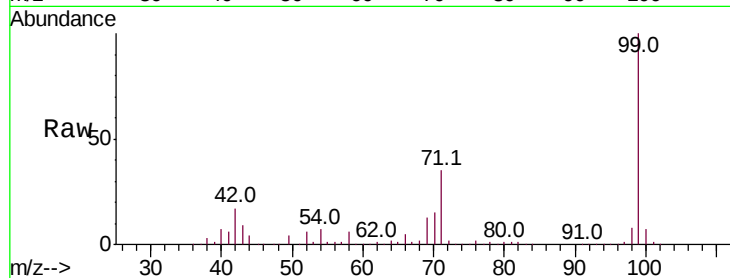
Tot Ion: 99 Resp: 2915683

Ion Ratio Lower Upper

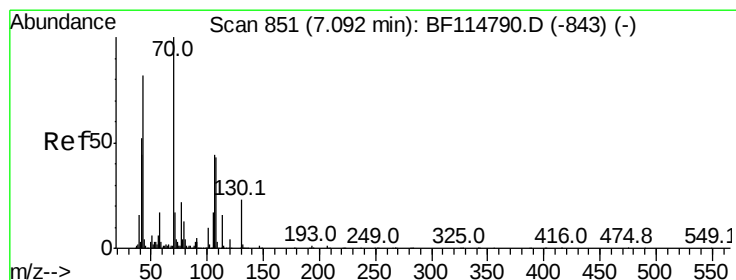
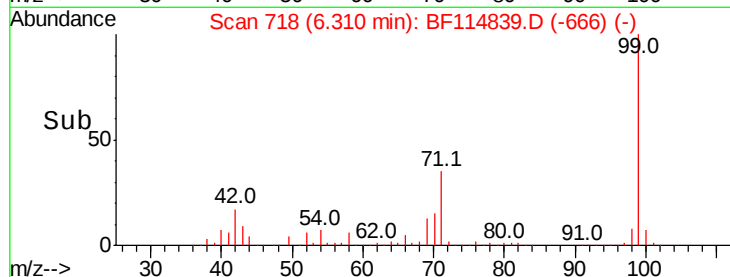
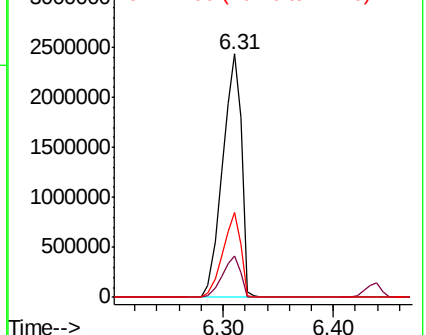
99 100

42 17.3 13.3 19.9

71 35.0 26.3 39.5



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.784 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.14 min

Lab File: BF114839.D

Acq: 6 Jun 2019 00:48

Tgt Ion: 70 Resp: 252333

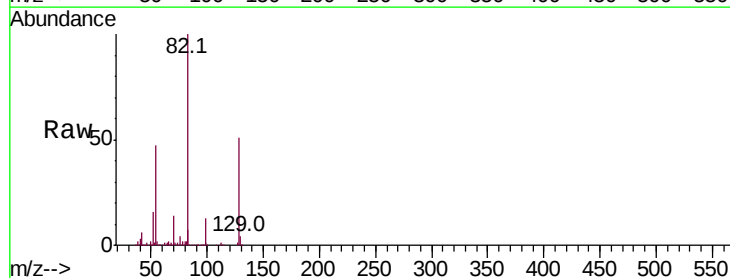
Ion Ratio Lower Upper

70 100

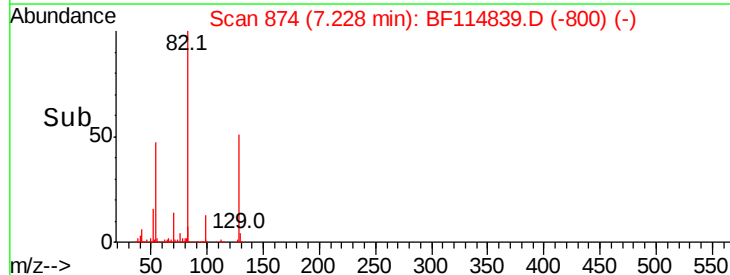
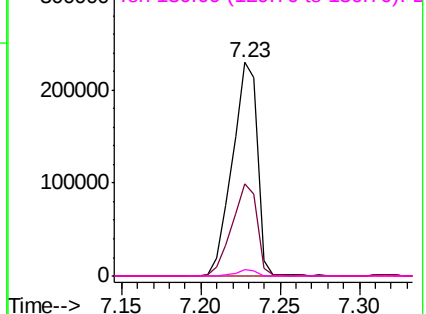
42 43.0 41.8 62.8

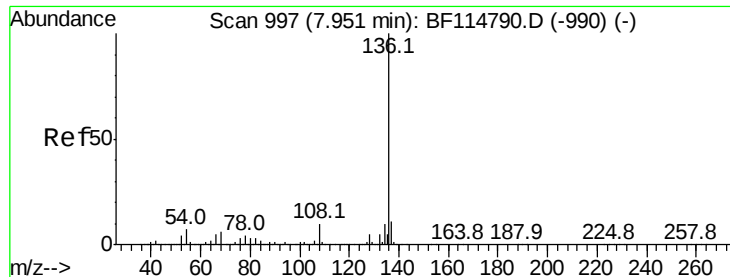
101 0.0 8.2 12.4#

130 2.7 18.5 27.7#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1



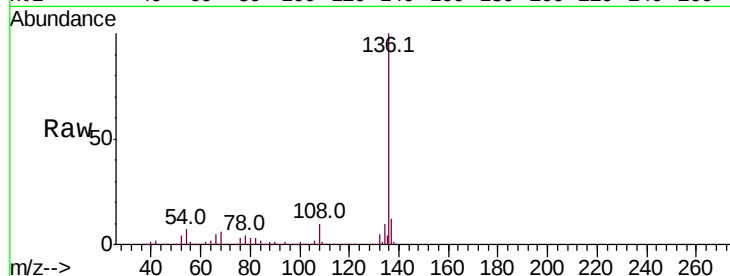


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF114839.D
Acq: 6 Jun 2019 00:48

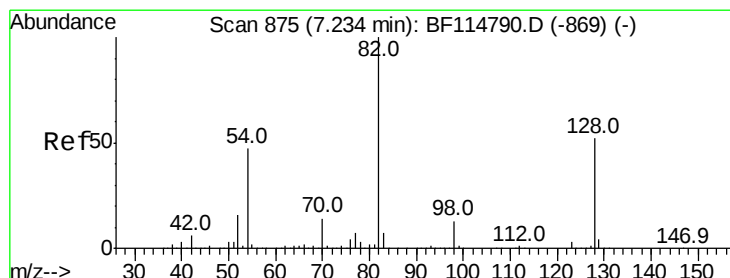
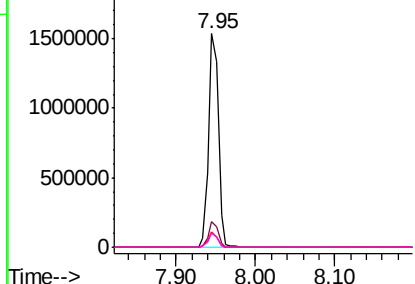
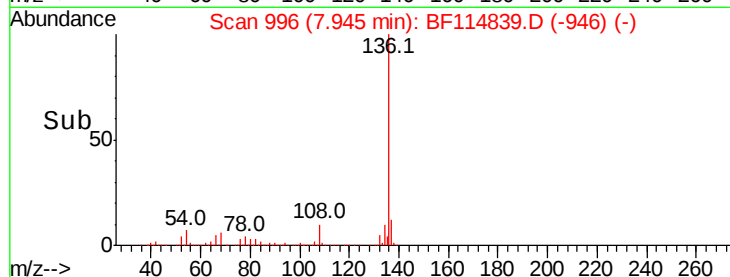
Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 1333408

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.1	13.7
54	7.5	5.4	8.0
68	6.4	4.6	6.8



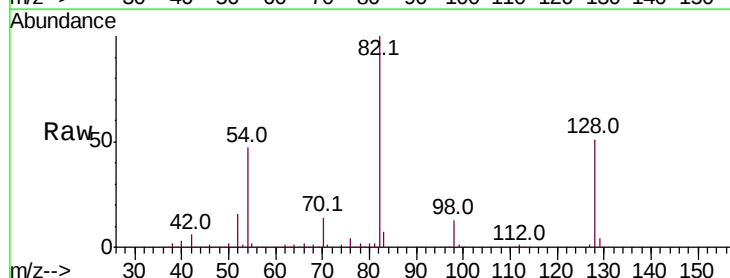
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



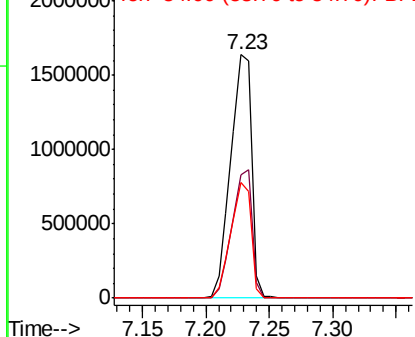
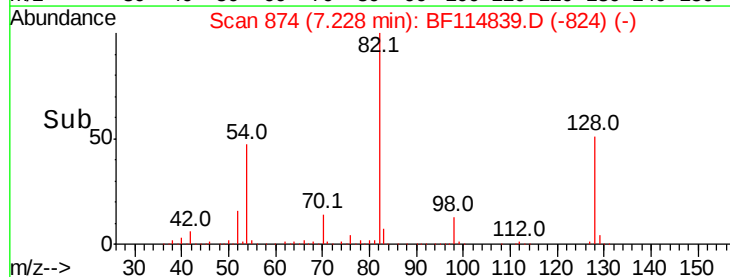
#23
Nitrobenzene-d5
Concen: 86.012 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF114839.D
Acq: 6 Jun 2019 00:48

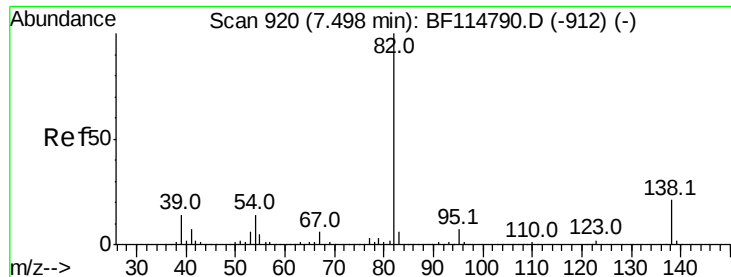
Tgt Ion: 82 Resp: 1863088

Ion	Ratio	Lower	Upper
82	100		
128	50.7	41.8	62.6
54	47.4	37.9	56.9



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





#25

Isophorone

Concen: 43.166 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.27 min

Lab File: BF114839.D

Acq: 6 Jun 2019 00:48

Instrument :

BNA_F

ClientSampleId :

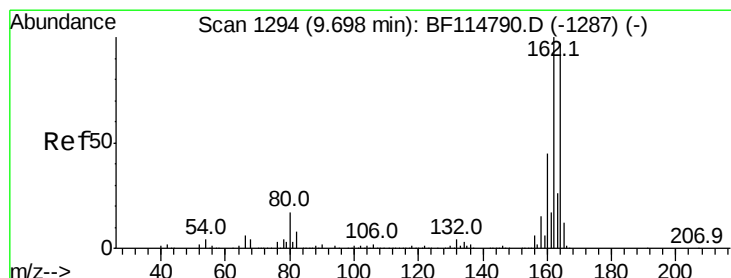
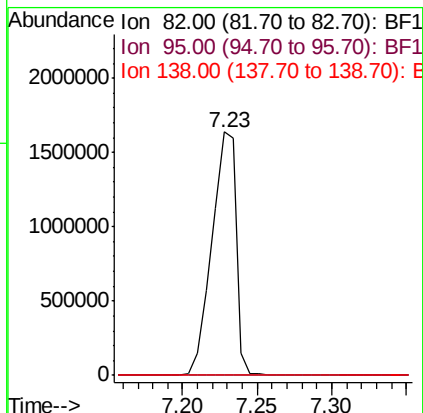
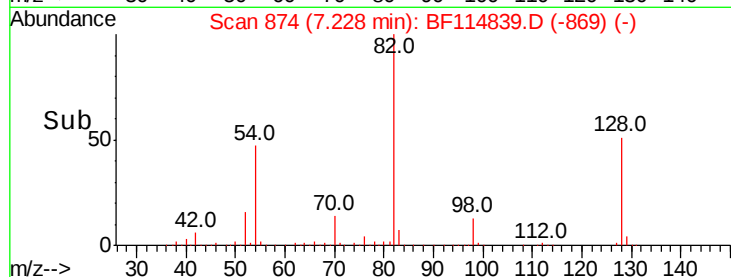
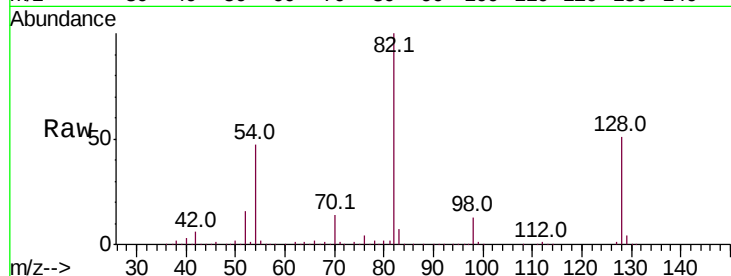
Tot Ion: 82 Resp: 1848445

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 16.9 25.3#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF114839.D

Acq: 6 Jun 2019 00:48

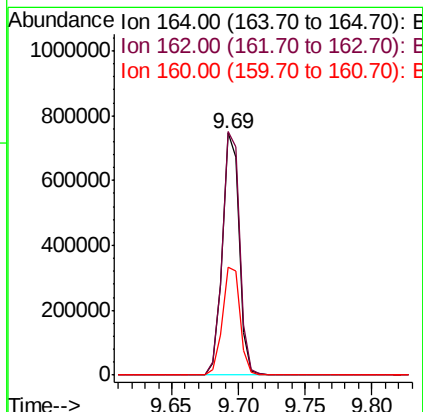
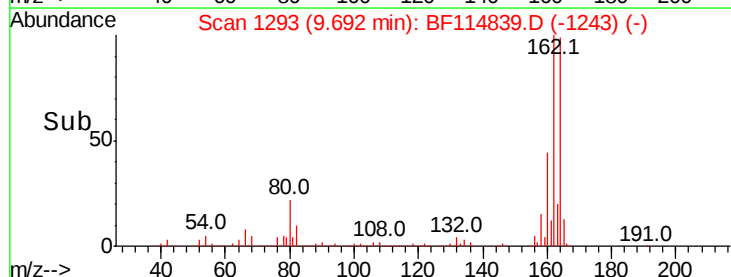
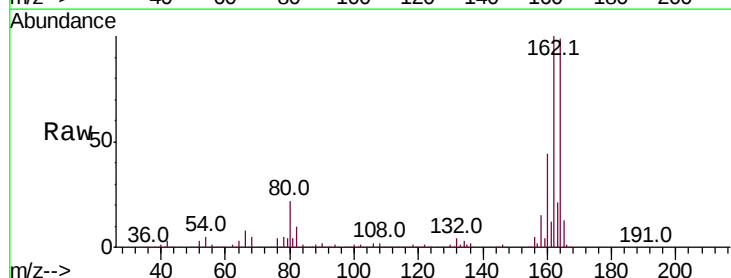
Tgt Ion:164 Resp: 667715

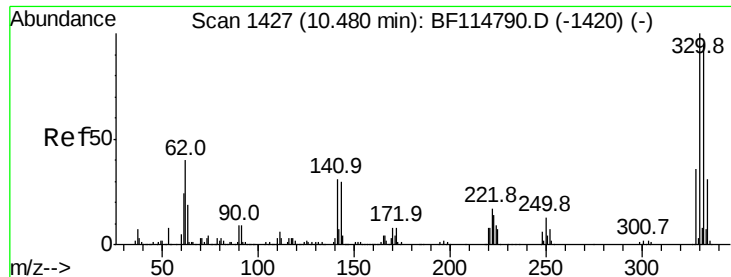
Ion Ratio Lower Upper

164 100

162 100.6 82.3 123.5

160 44.6 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 120.474 ng

RT: 10.48 min Scan# 1427

Delta R.T. 0.00 min

Lab File: BF114839.D

Acq: 6 Jun 2019 00:48

Instrument :

BNA_F

ClientSampled :

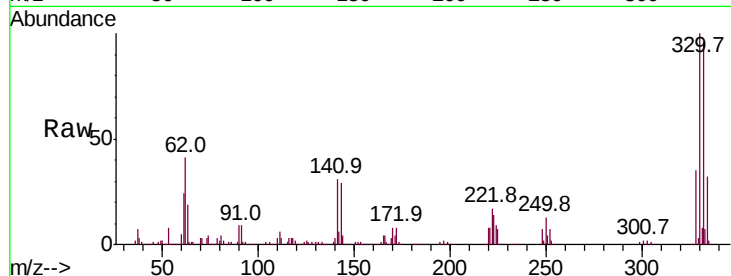
Tot Ion:330 Resp: 866891

Ion Ratio Lower Upper

330 100

332 95.1 77.3 115.9

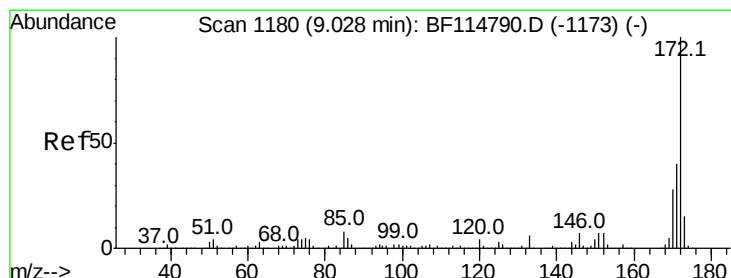
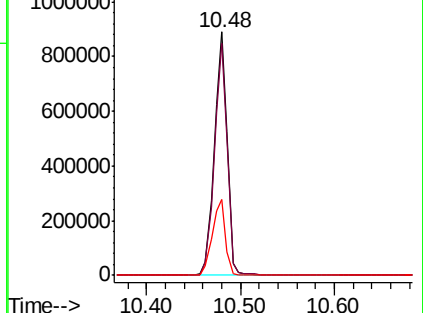
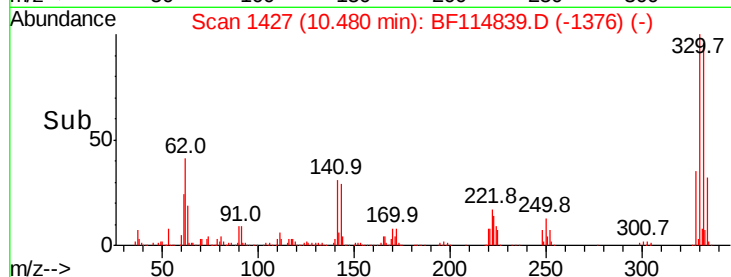
141 32.0 26.2 39.4



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: 89.574 ng

RT: 9.03 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BF114839.D

Acq: 6 Jun 2019 00:48

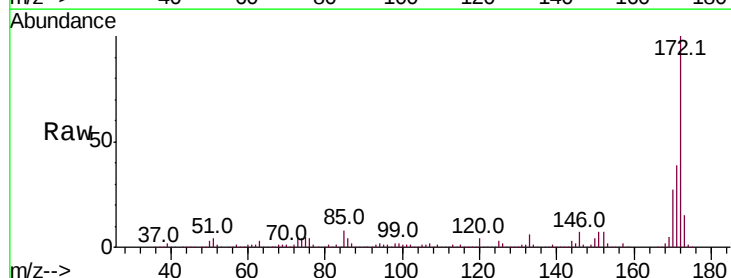
Tgt Ion:172 Resp: 3192814

Ion Ratio Lower Upper

172 100

171 39.4 32.3 48.5

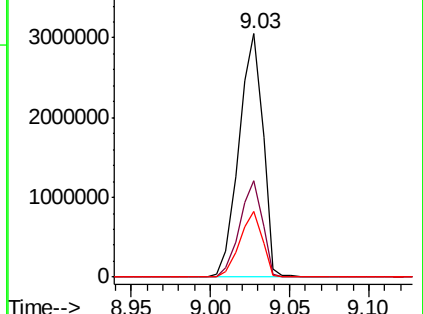
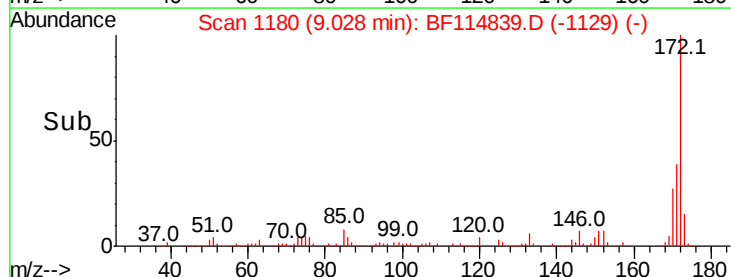
170 26.9 22.4 33.6

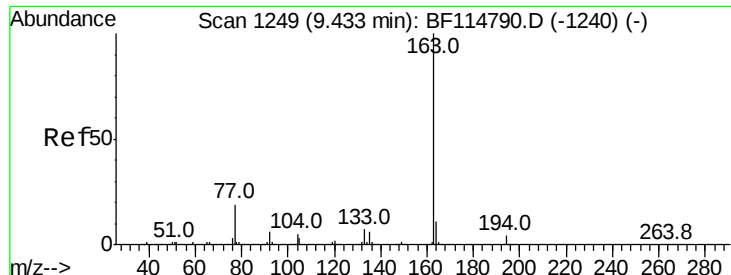


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 16.145 ng

RT: 9.42 min Scan# 1246

Delta R.T. -0.02 min

Lab File: BF114839.D

Acq: 6 Jun 2019 00:48

Instrument :

BNA_F

ClientSampleId :

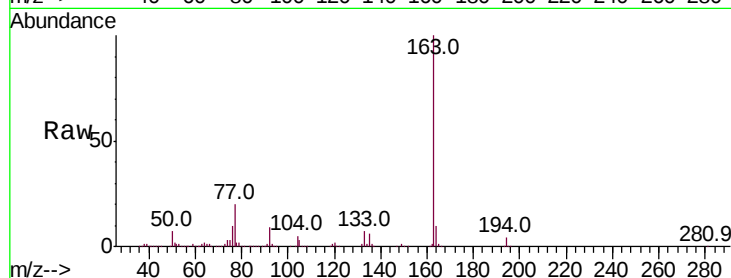
Tot Ion:163 Resp: 787362

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.2

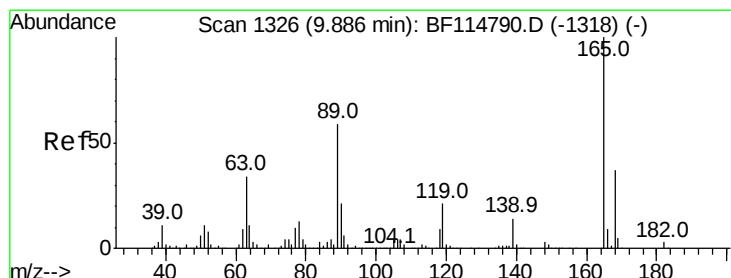
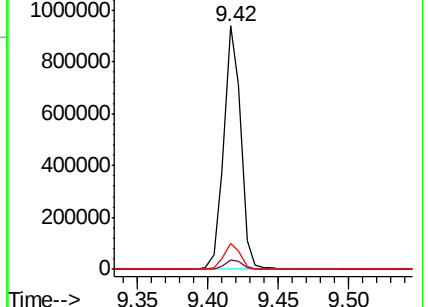
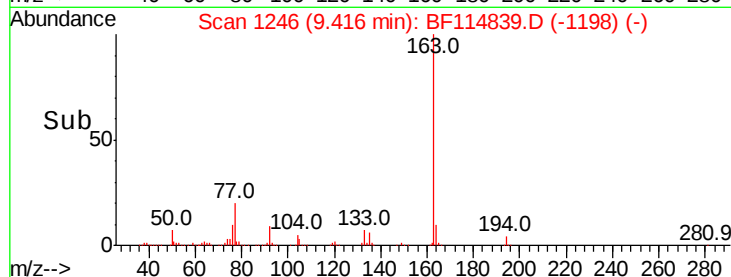
164 10.4 8.6 13.0



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



#57

2,4-Dinitrotoluene

Concen: 6.105 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.19 min

Lab File: BF114839.D

Acq: 6 Jun 2019 00:48

Tgt Ion:165 Resp: 88014

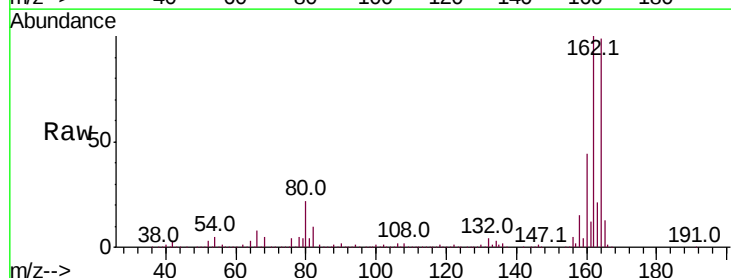
Ion Ratio Lower Upper

165 100

63 1.1 27.0 40.4#

89 1.0 47.0 70.6#

182 0.0 2.2 3.2#

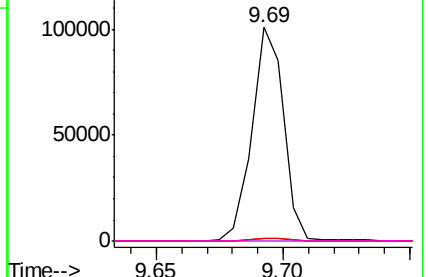
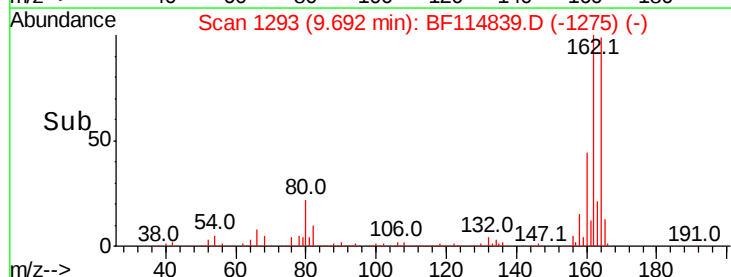


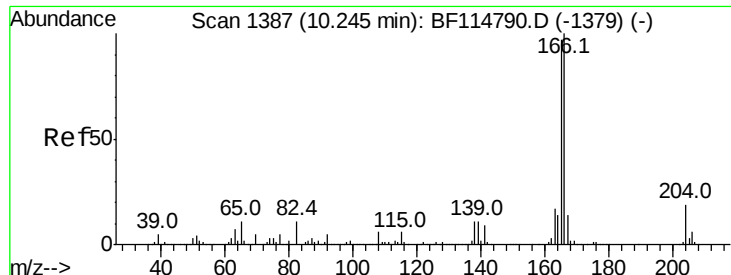
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: Below Cal

RT: 10.24 min Scan# 1386

Delta R.T. -0.01 min

Lab File: BF114839.D

Acq: 6 Jun 2019 00:48

Instrument :

BNA_F

ClientSampleId :

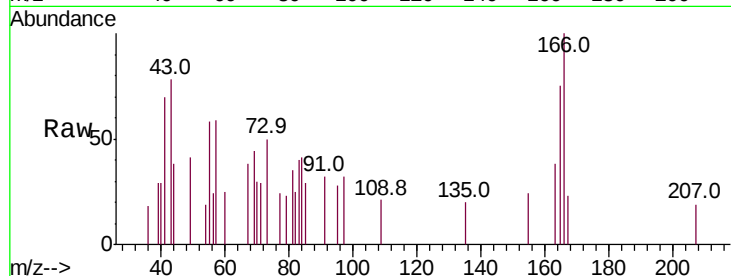
Tot Ion:166 Resp: 1708

Ion Ratio Lower Upper

166 100

165 75.2 77.9 116.9#

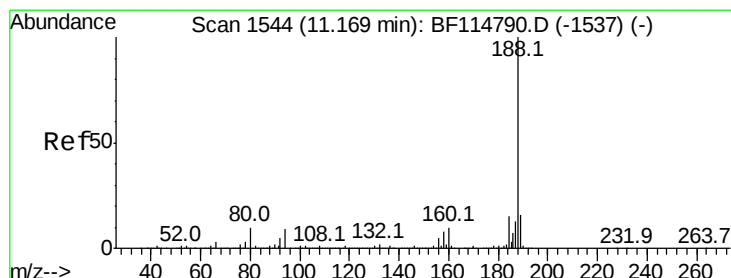
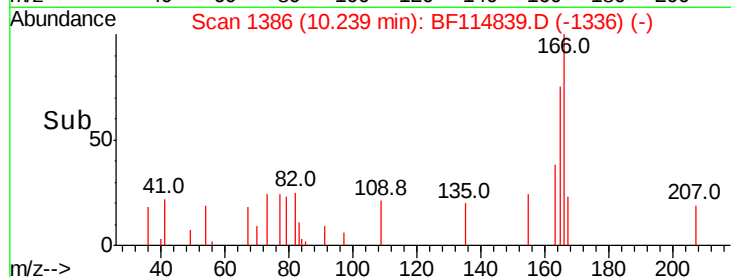
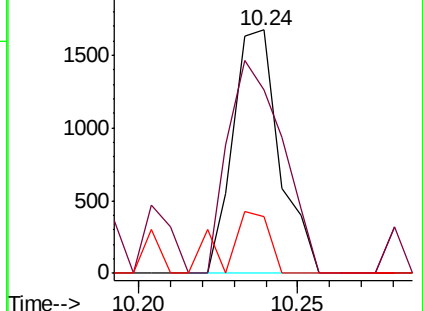
167 23.1 11.3 16.9#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.17 min Scan# 1544

Delta R.T. 0.00 min

Lab File: BF114839.D

Acq: 6 Jun 2019 00:48

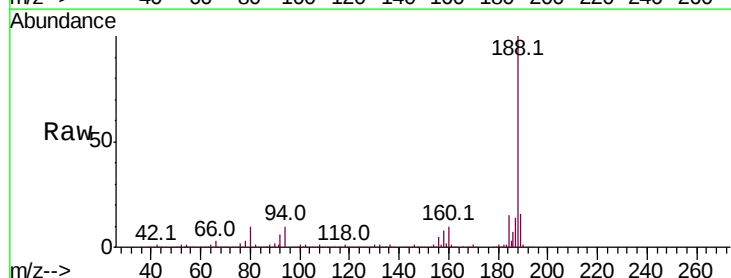
Tgt Ion:188 Resp: 1270744

Ion Ratio Lower Upper

188 100

94 10.0 7.6 11.4

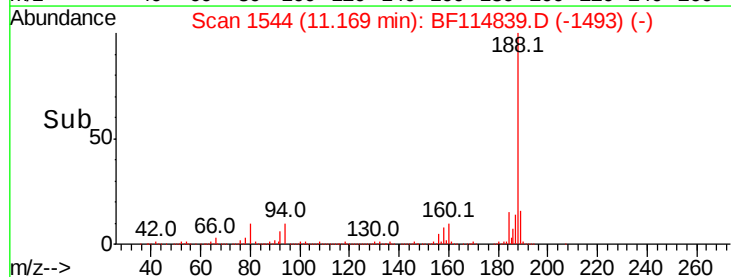
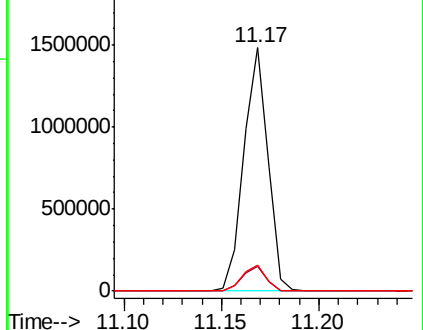
80 10.5 8.3 12.5

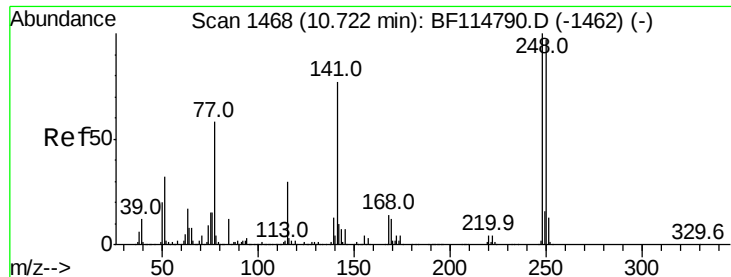


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#67

4-Bromophenyl-phenylether

Concen: 3.789 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.24 min

Lab File: BF114839.D

Acq: 6 Jun 2019 00:48

Instrument :

BNA_F

ClientSampleId :

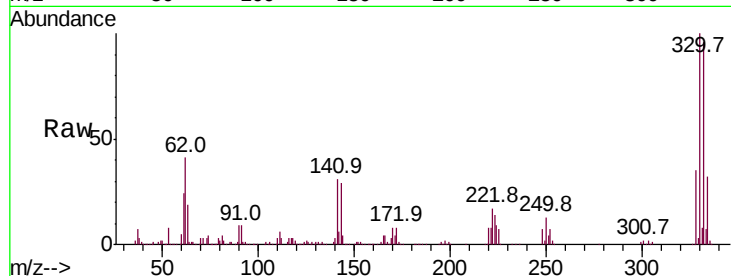
Tot Ion:248 Resp: 54689

Ion Ratio Lower Upper

248 100

250 199.1 77.5 116.3#

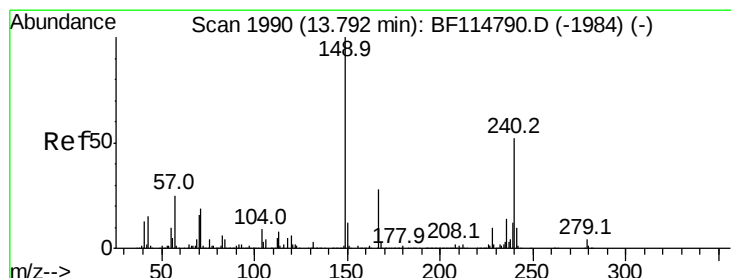
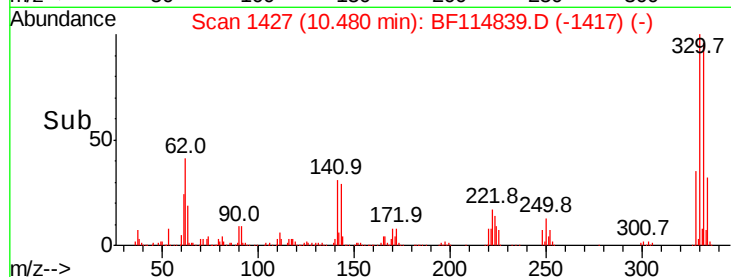
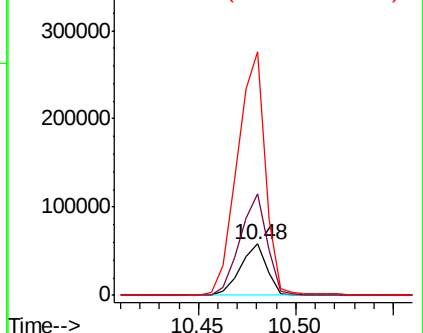
141 475.3 61.8 92.8#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.79 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BF114839.D

Acq: 6 Jun 2019 00:48

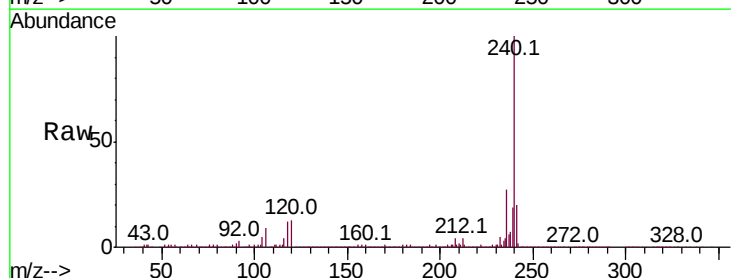
Tgt Ion:240 Resp: 842722

Ion Ratio Lower Upper

240 100

120 13.4 9.0 13.4

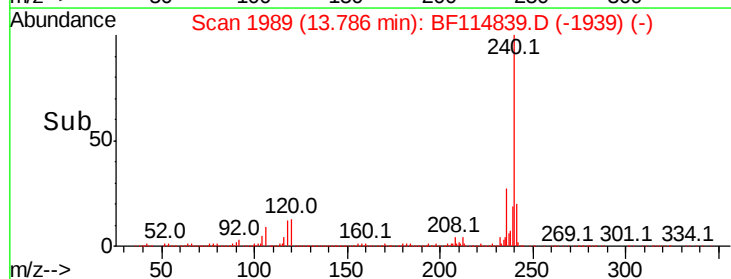
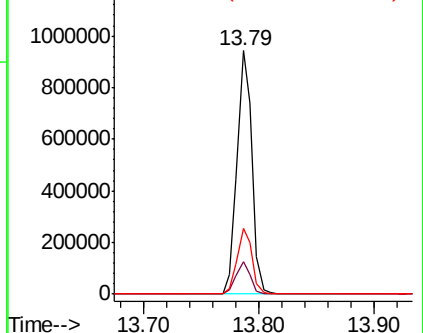
236 26.9 21.4 32.0

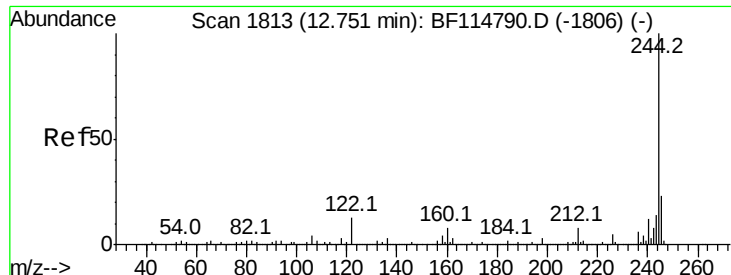


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 74.358 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.01 min

Lab File: BF114839.D

Acq: 6 Jun 2019 00:48

Instrument :

BNA_F

ClientSampleId :

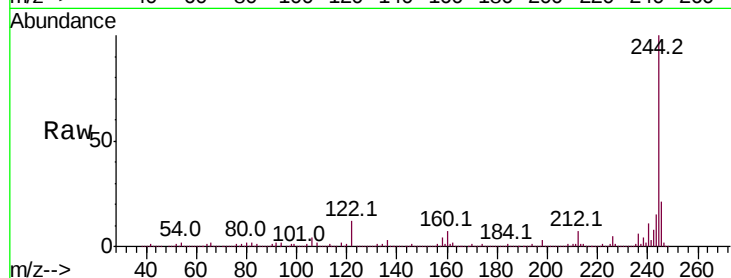
Tot Ion:244 Resp: 3222174

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

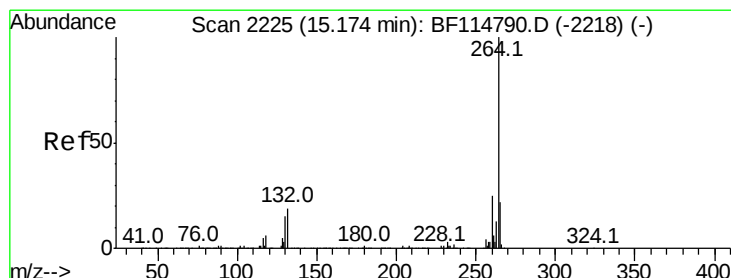
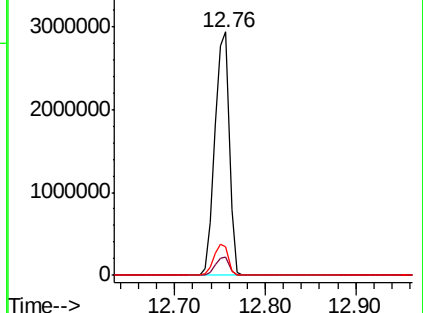
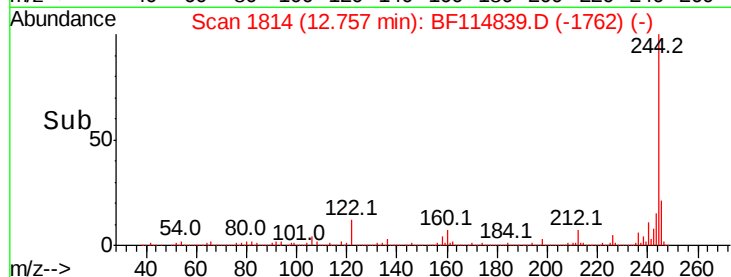
122 11.9 10.5 15.7



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: 15.17 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BF114839.D

Acq: 6 Jun 2019 00:48

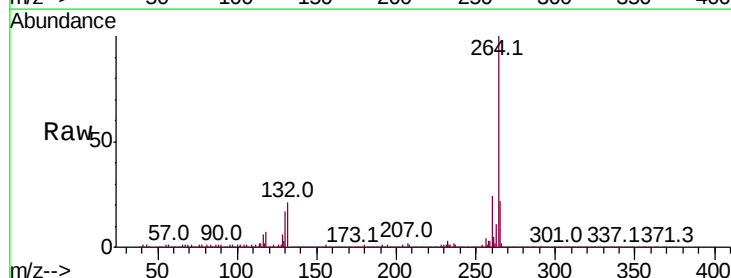
Tgt Ion:264 Resp: 902893

Ion Ratio Lower Upper

264 100

260 24.1 20.1 30.1

265 21.9 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

