

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
 Data File : BF114860.D
 Acq On : 6 Jun 2019 13:55
 Operator : HP/JU
 Sample : K3192-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CLVR-AVEX-WC1B

Quant Time: Jun 07 00:00:52 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

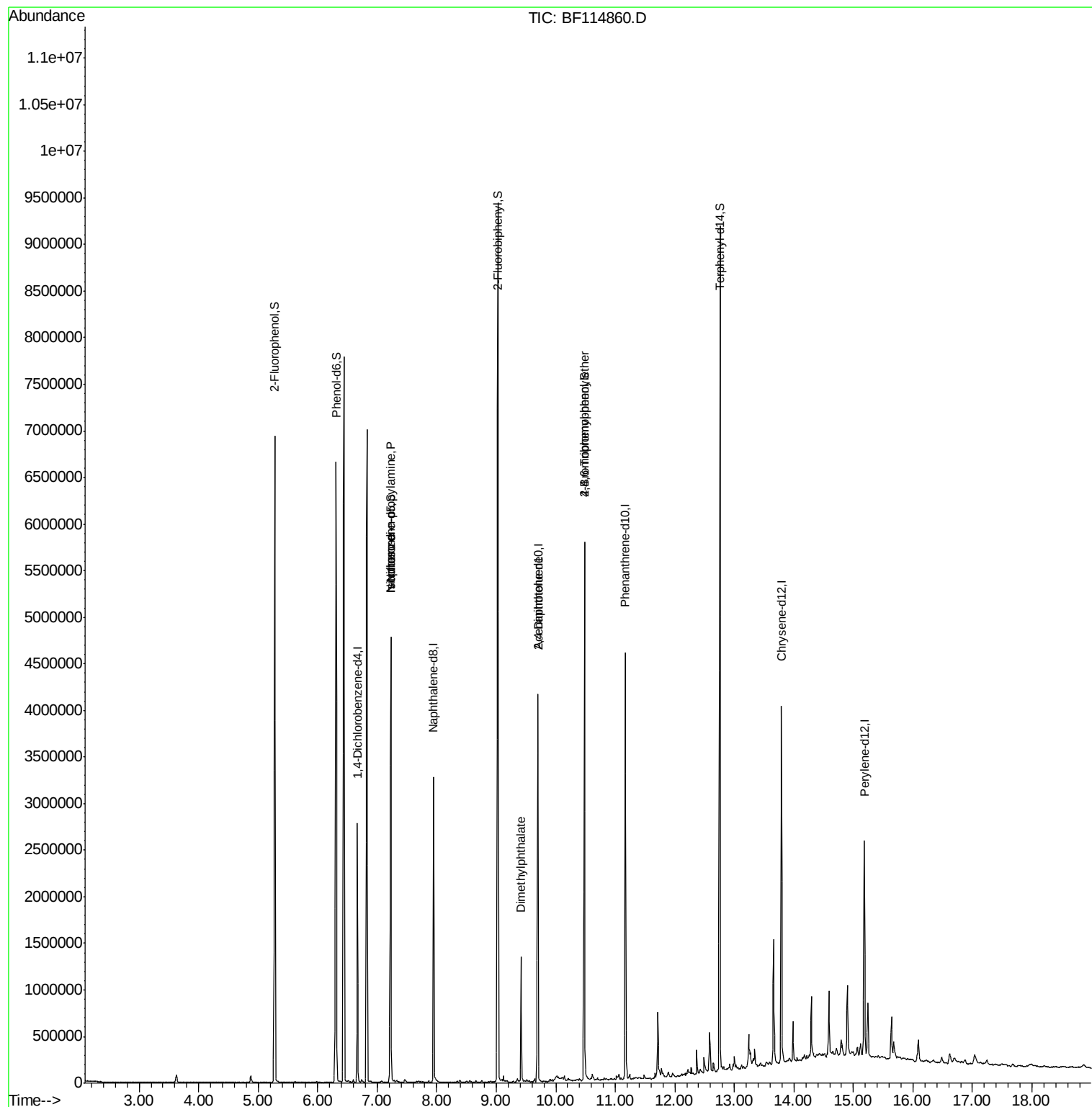
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	416168	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1654997	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	837226	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1616033	20.00	ng	0.00
76) Chrysene-d12	13.79	240	1170544	20.00	ng	0.00
87) Perylene-d12	15.19	264	1070800	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	2333891	97.99	ng	0.02
7) Phenol-d6	6.31	99	2923803	100.89	ng	0.00
23) Nitrobenzene-d5	7.23	82	1843953	68.59	ng	0.00
42) 2,4,6-Tribromophenol	10.48	330	780355	86.49	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	3252993	72.78	ng	0.00
79) Terphenyl-d14	12.76	244	3491739	58.01	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.23	70	248763	12.967	ng	# 79
25) Isophorone	7.23	82	1749342	32.913	ng	# 61
50) Dimethylphthalate	9.42	163	520349	8.510	ng	# 99
57) 2,4-Dinitrotoluene	9.70	165	111286	6.156	ng	# 33
58) Fluorene	10.24	166	2996	Below Cal		# 98
67) 4-Bromophenyl-phenylether	10.48	248	49398	2.691	ng	# 1

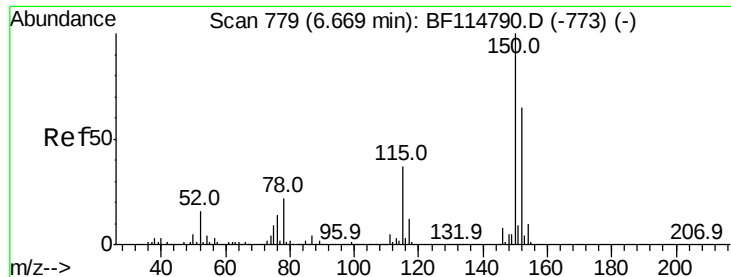
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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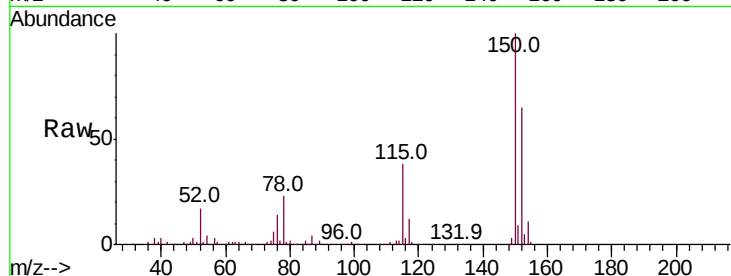


#1

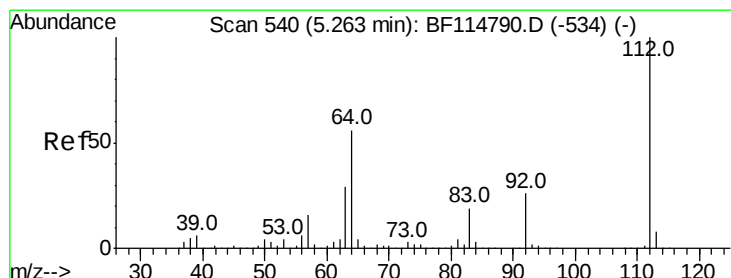
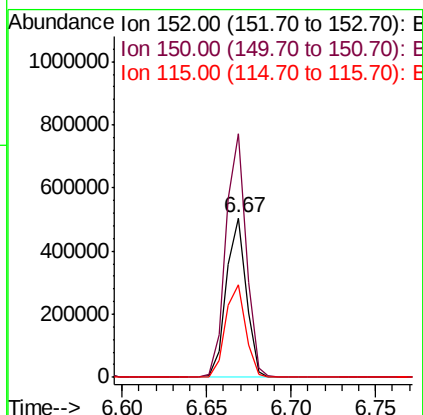
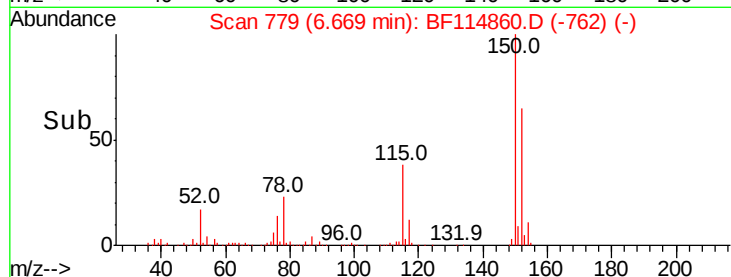
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF114860.D
Acq: 6 Jun 2019 13:55

Instrument :
BNA_F
ClientSampleId :
CLVR-AVEX-WC1B

Tot Ion:152 Resp: 416168
Ion Ratio Lower Upper
152 100
150 152.9 124.0 186.0
115 58.1 46.3 69.5



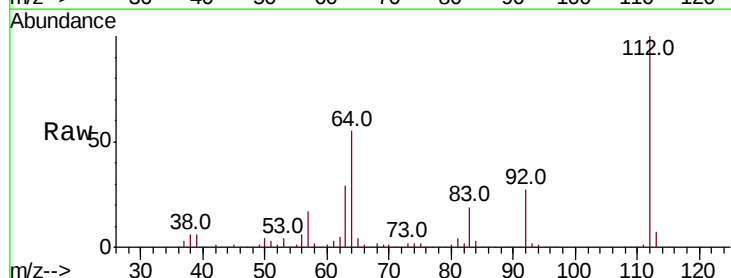
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



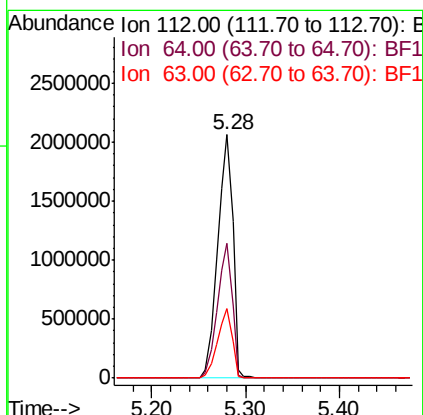
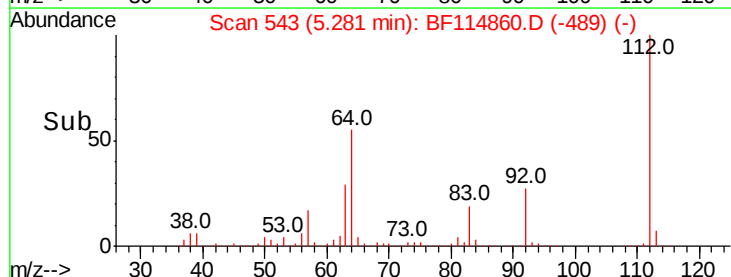
#5

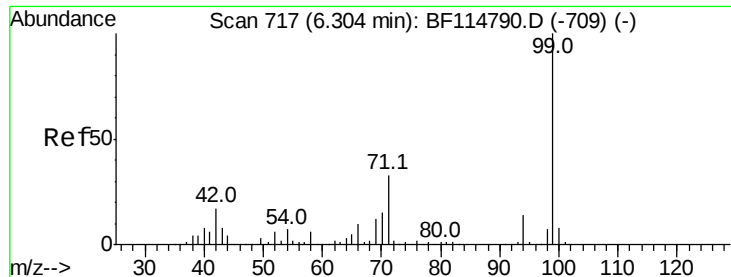
2-Fluorophenol
Concen: 97.992 ng
RT: 5.28 min Scan# 543
Delta R.T. 0.02 min
Lab File: BF114860.D
Acq: 6 Jun 2019 13:55

Tgt Ion:112 Resp: 2333891
Ion Ratio Lower Upper
112 100
64 55.5 44.6 66.8
63 28.8 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: 100.888 ng

RT: 6.31 min Scan# 718

Delta R.T. 0.01 min

Lab File: BF114860.D

Acq: 6 Jun 2019 13:55

Instrument :

BNA_F

ClientSampleId :

CLVR-AVEX-WC1B

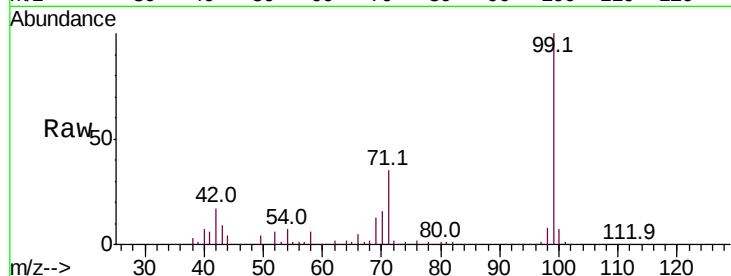
Tot Ion: 99 Resp: 2923803

Ion Ratio Lower Upper

99 100

42 17.4 13.3 19.9

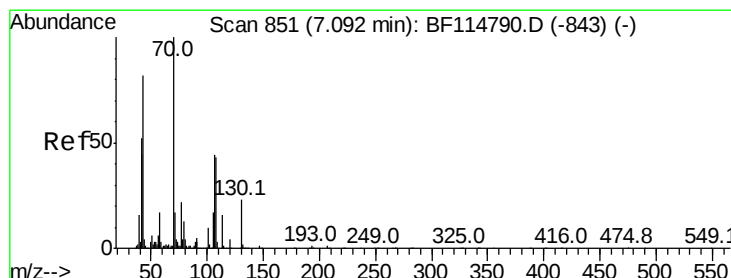
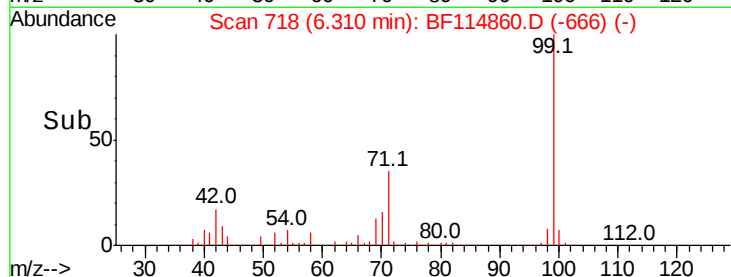
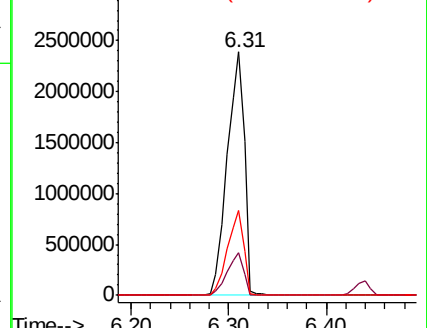
71 34.7 26.3 39.5



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: 12.967 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.14 min

Lab File: BF114860.D

Acq: 6 Jun 2019 13:55

Tgt Ion: 70 Resp: 248763

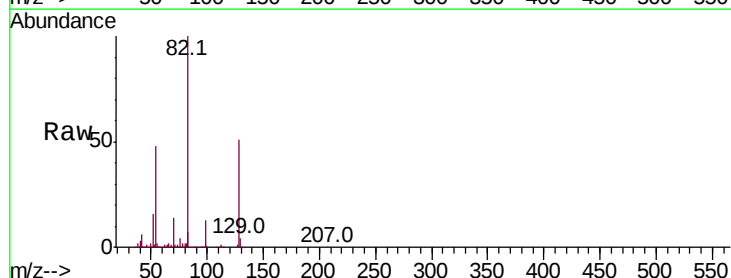
Ion Ratio Lower Upper

70 100

42 44.6 41.8 62.8

101 0.0 8.2 12.4#

130 2.5 18.5 27.7#

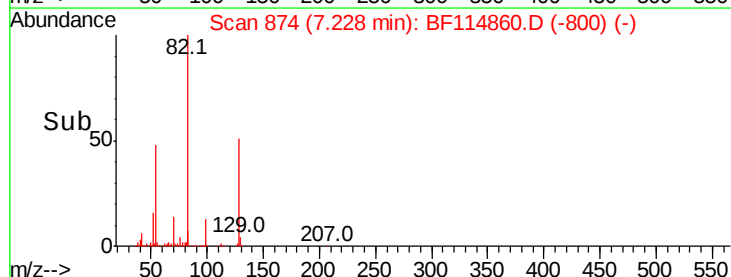
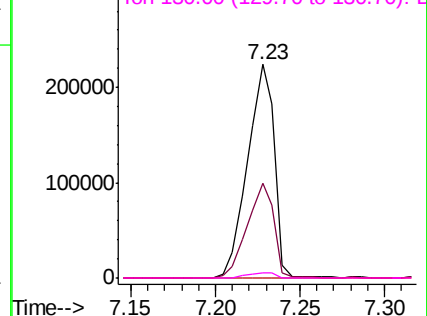


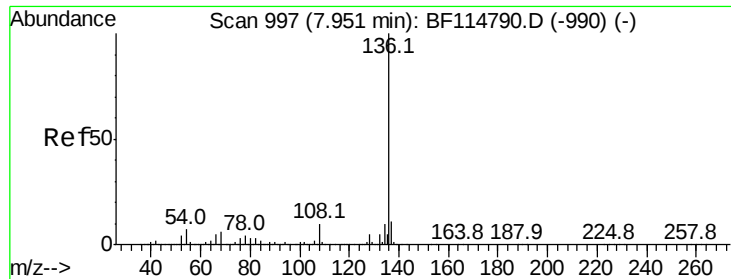
Abundance Ion 70.00 (69.70 to 70.70): BF1

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# 997

Delta R.T. 0.00 min

Lab File: BF114860.D

Acq: 6 Jun 2019 13:55

Instrument :

BNA_F

ClientSampleId :

CLVR-AVEX-WC1B

Tot Ion:136 Resp: 1654997

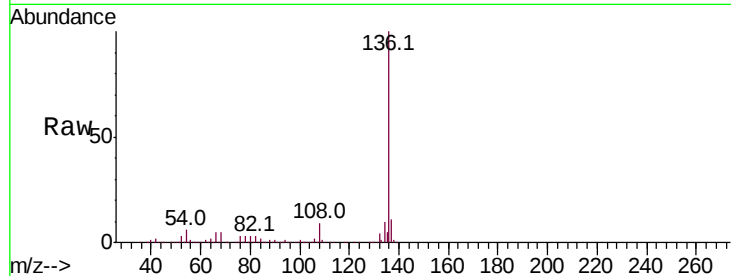
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	6.1	5.4	8.0
68	5.4	4.6	6.8

136 100

137 11.2 9.1 13.7

54 6.1 5.4 8.0

68 5.4 4.6 6.8

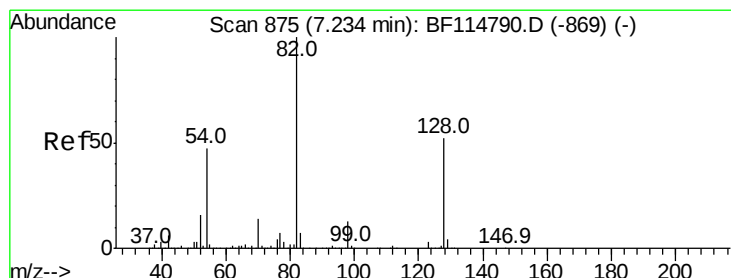
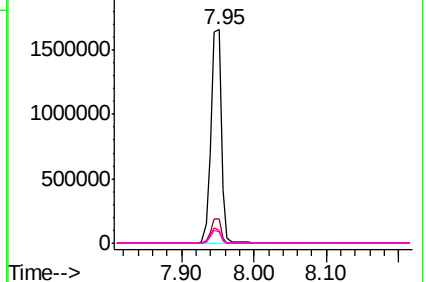
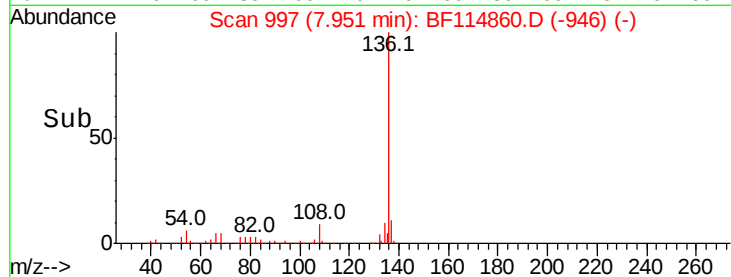


Abundance Ion 136.00 (135.70 to 136.70): E

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: 68.587 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF114860.D

Acq: 6 Jun 2019 13:55

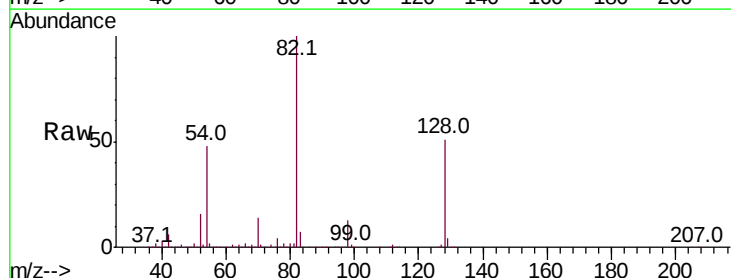
Tgt Ion: 82 Resp: 1843953

Ion	Ratio	Lower	Upper
82	100		
128	51.2	41.8	62.6
54	48.0	37.9	56.9

82 100

128 51.2 41.8 62.6

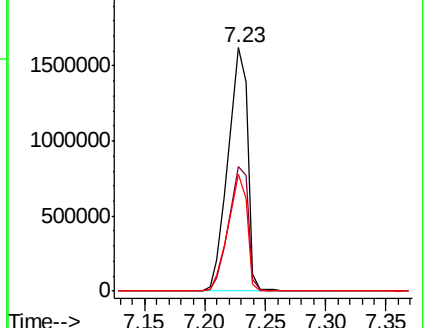
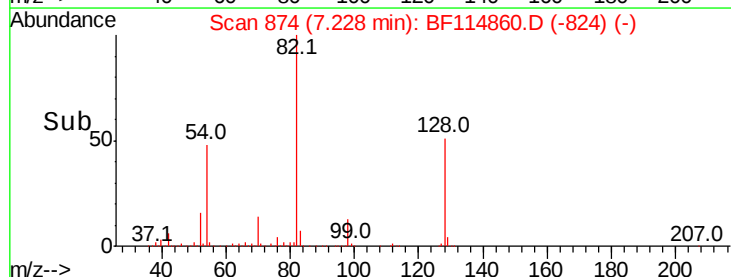
54 48.0 37.9 56.9

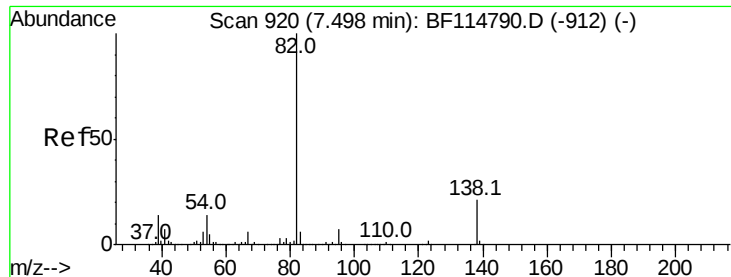


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 32.913 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.27 min

Lab File: BF114860.D

Acq: 6 Jun 2019 13:55

Instrument :

BNA_F

ClientSampleId :

CLVR-AVEX-WC1B

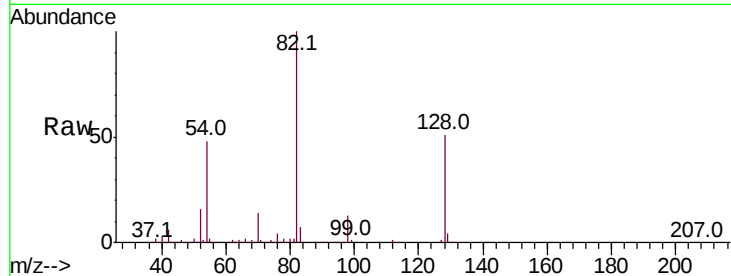
Tot Ion: 82 Resp: 1749342

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

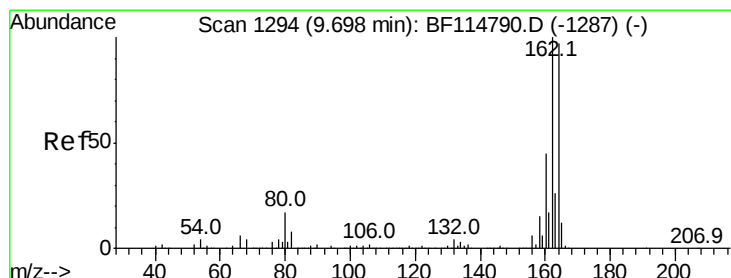
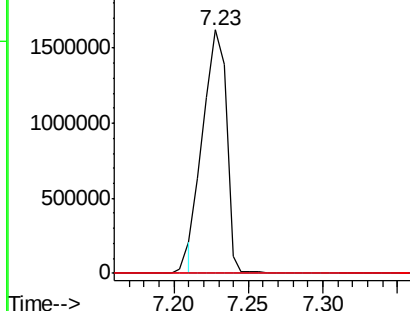
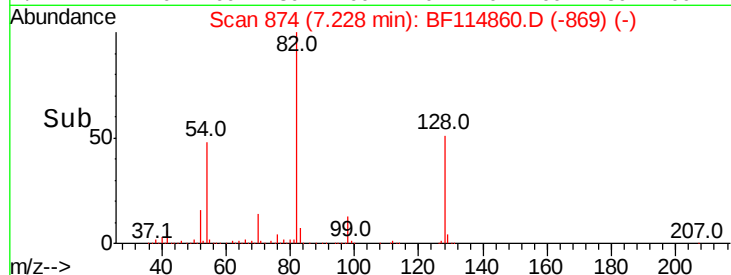
138 0.0 16.9 25.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BF114860.D

Acq: 6 Jun 2019 13:55

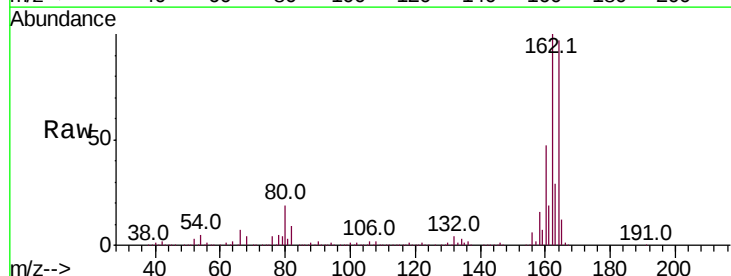
Tgt Ion:164 Resp: 837226

Ion Ratio Lower Upper

164 100

162 103.4 82.3 123.5

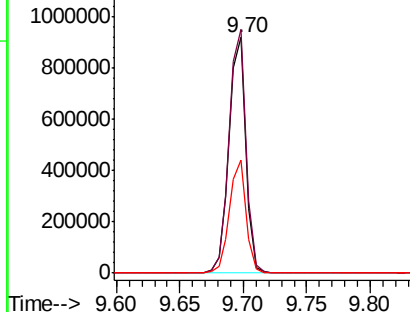
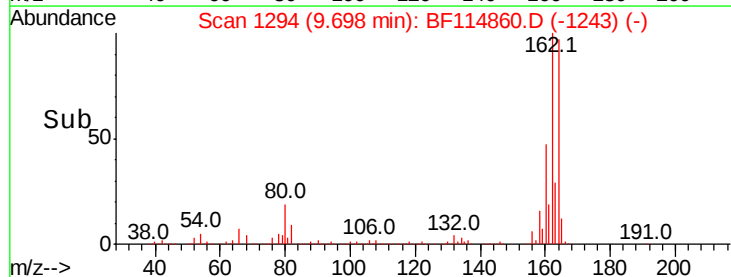
160 48.2 36.7 55.1

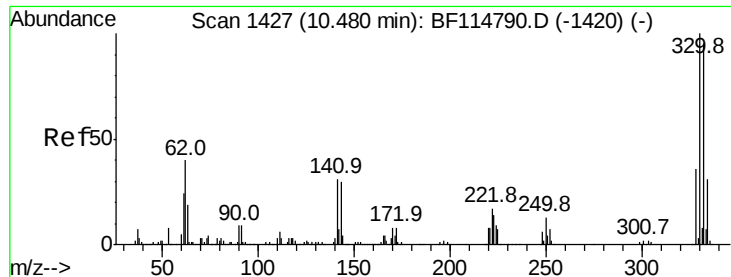


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

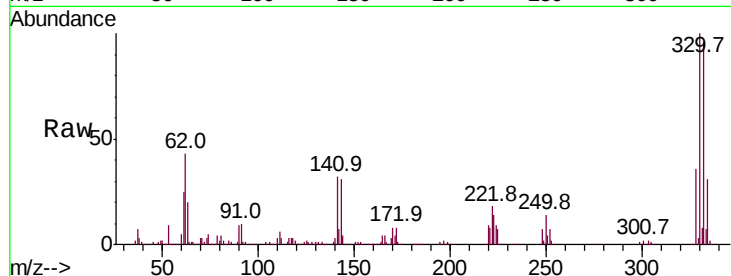




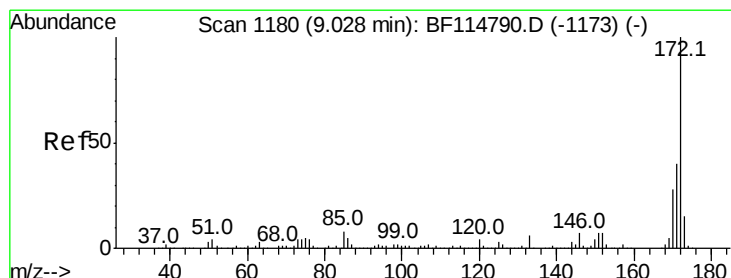
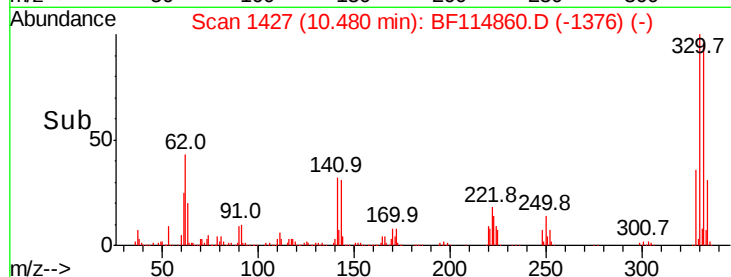
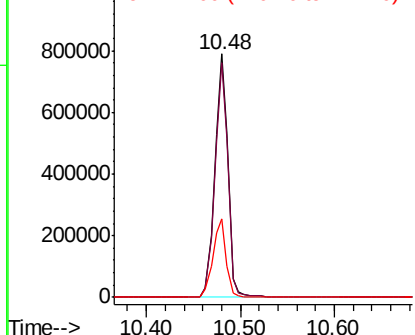
#42
 2,4,6-Tribromophenol
 Concen: 86.491 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: BF114860.D
 Acq: 6 Jun 2019 13:55

Instrument :
 BNA_F
 ClientSampleId :
 CLVR-AVEX-WC1B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.3	115.9
141	32.5	26.2	39.4

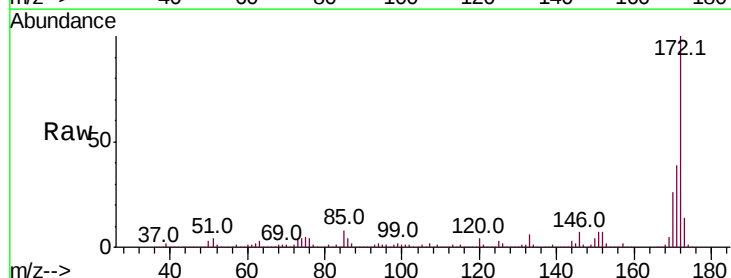


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

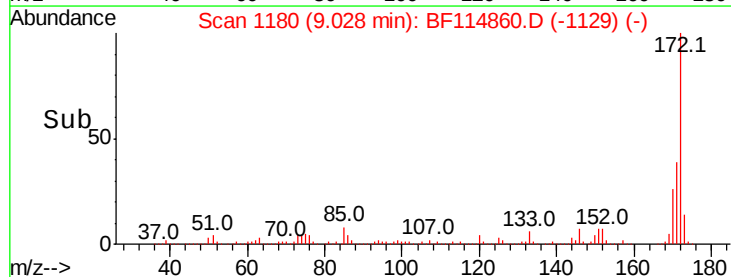
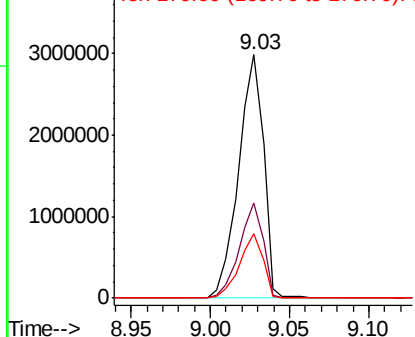


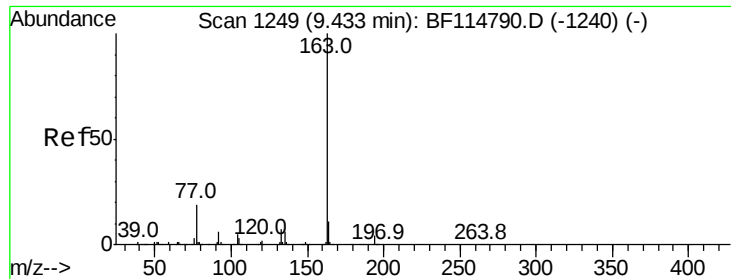
#45
 2-Fluorobiphenyl
 Concen: 72.785 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF114860.D
 Acq: 6 Jun 2019 13:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.1	32.3	48.5
170	26.4	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: 8.510 ng

RT: 9.42 min Scan# 1246

Delta R.T. -0.02 min

Lab File: BF114860.D

Acq: 6 Jun 2019 13:55

Instrument :

BNA_F

ClientSampleId :

CLVR-AVEX-WC1B

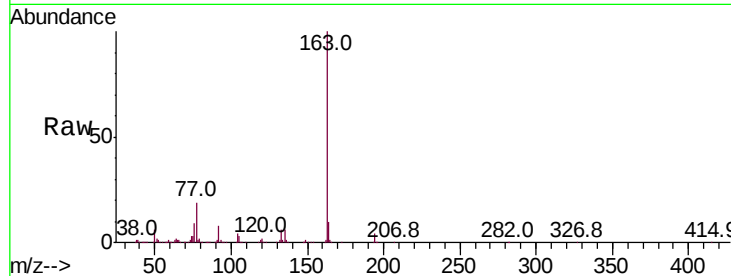
Tot Ion:163 Resp: 520349

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.2

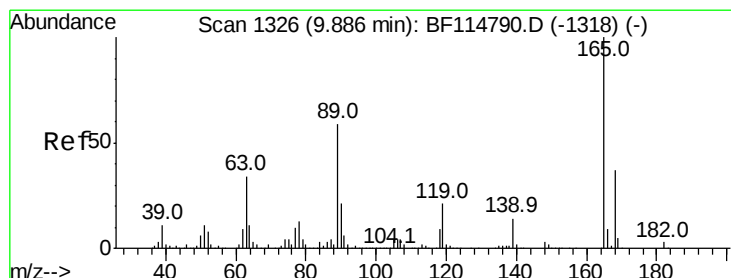
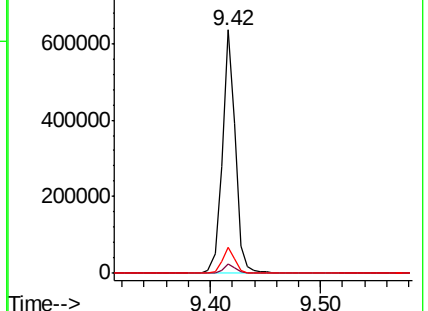
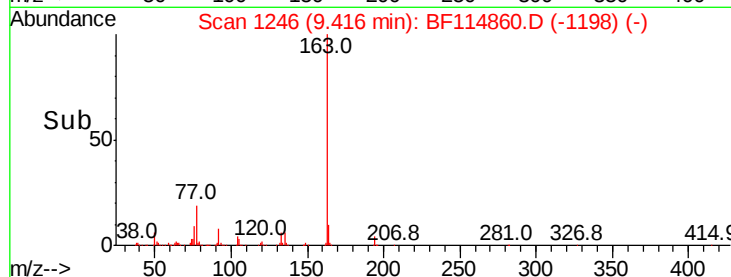
164 10.5 8.6 13.0



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: 6.156 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.19 min

Lab File: BF114860.D

Acq: 6 Jun 2019 13:55

Tgt Ion:165 Resp: 111286

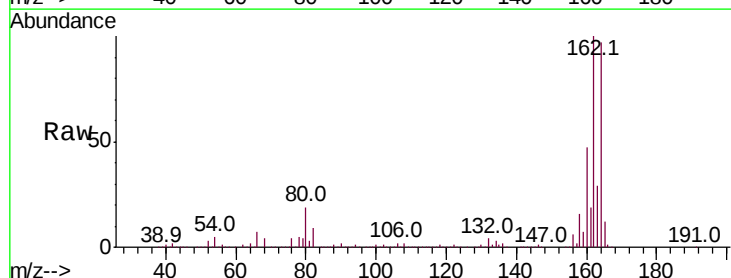
Ion Ratio Lower Upper

165 100

63 1.2 27.0 40.4#

89 1.8 47.0 70.6#

182 0.0 2.2 3.2#

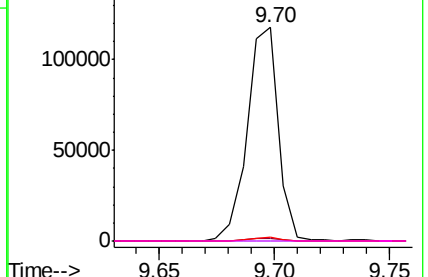
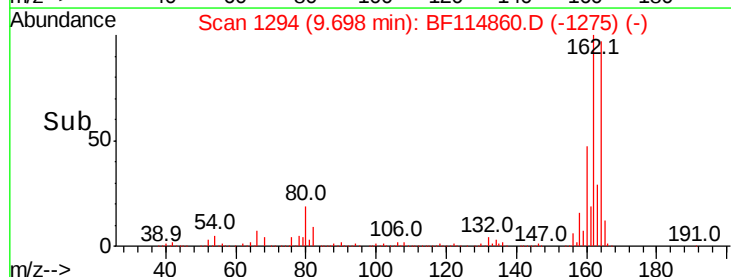


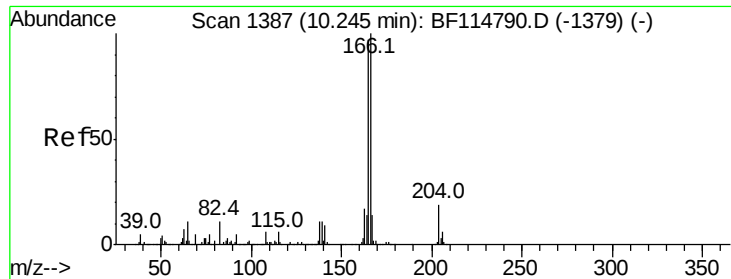
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF114860.D

Acq: 6 Jun 2019 13:55

Instrument :

BNA_F

ClientSampleId :

CLVR-AVEX-WC1B

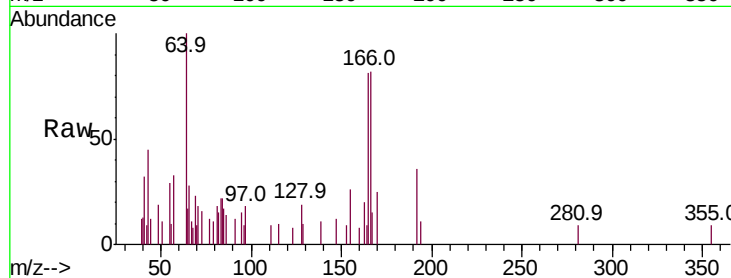
Tot Ion:166 Resp: 2996

Ion Ratio Lower Upper

166 100

165 98.3 77.9 116.9

167 17.8 11.3 16.9#

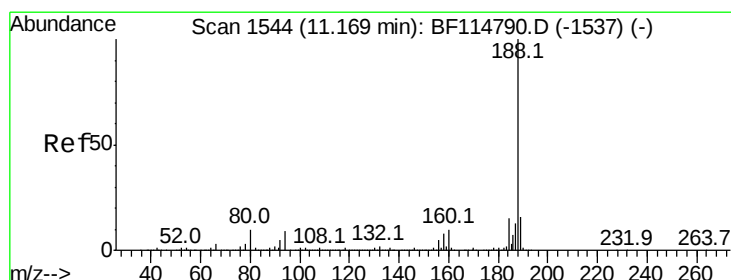
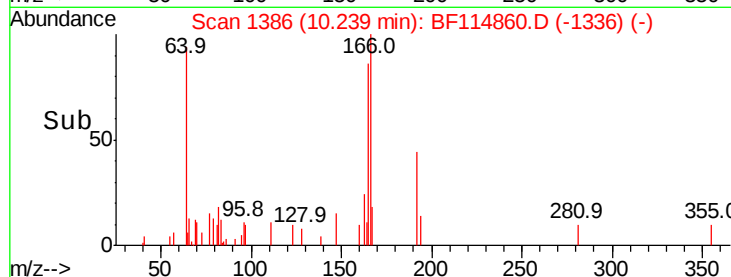
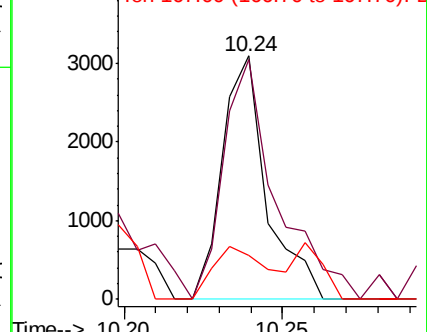


Abundance

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: BF114860.D

Acq: 6 Jun 2019 13:55

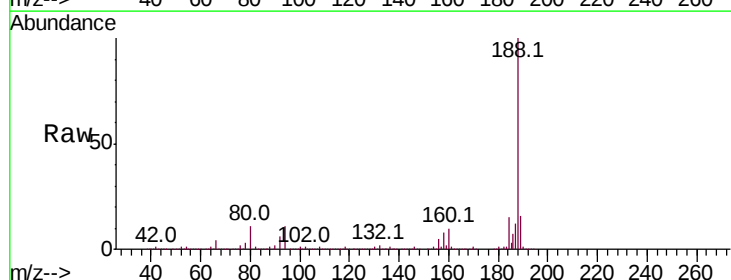
Tgt Ion:188 Resp: 1616033

Ion Ratio Lower Upper

188 100

94 10.8 7.6 11.4

80 11.3 8.3 12.5

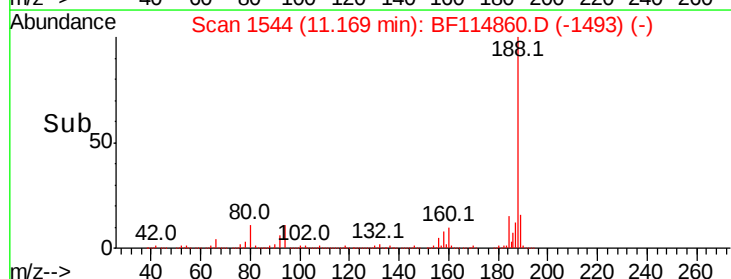
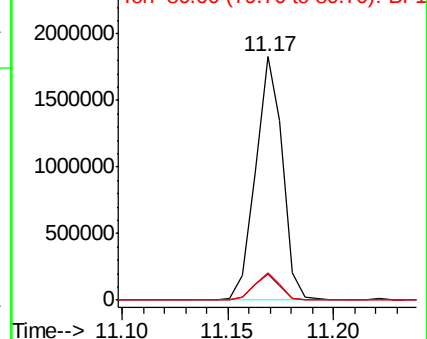


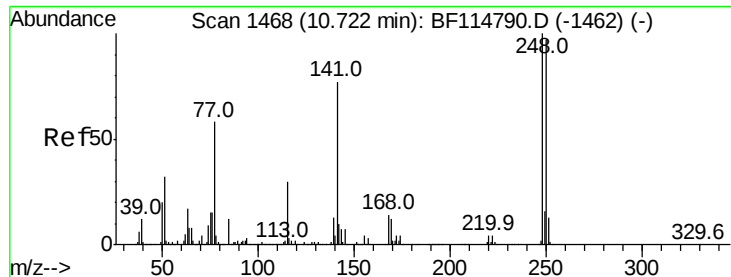
Abundance

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

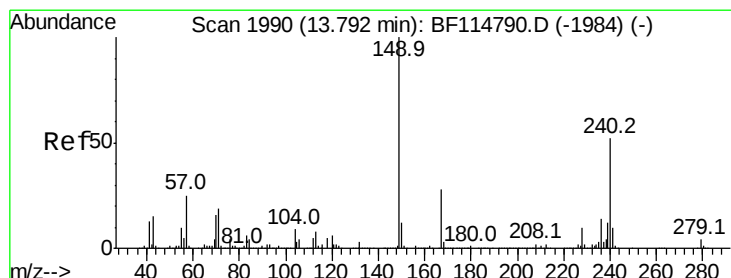
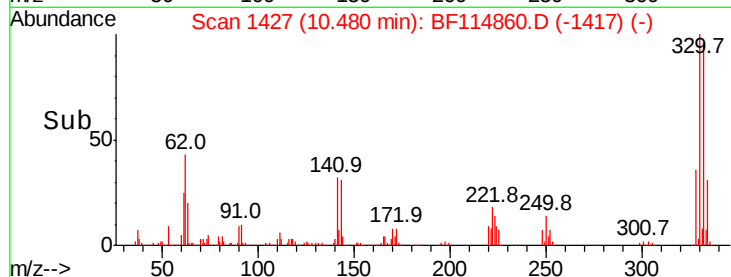
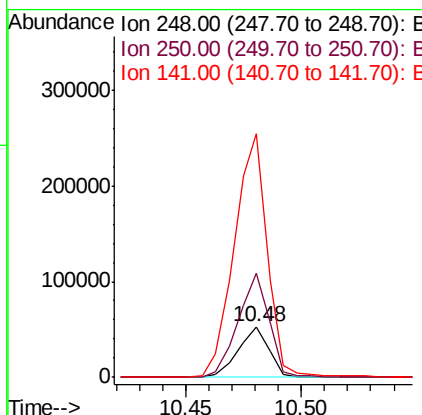
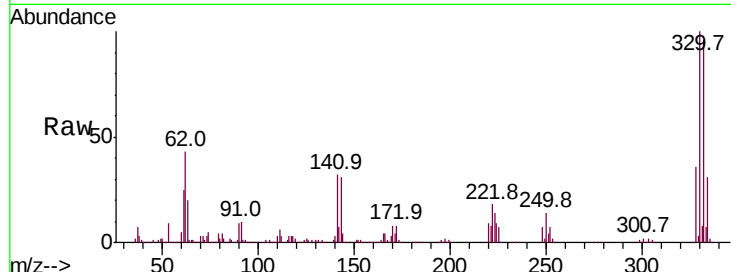




#67
 4-Bromophenyl-phenylether
 Concen: 2.691 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.24 min
 Lab File: BF114860.D
 Acq: 6 Jun 2019 13:55

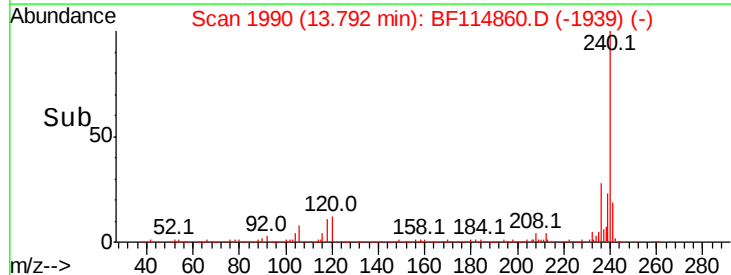
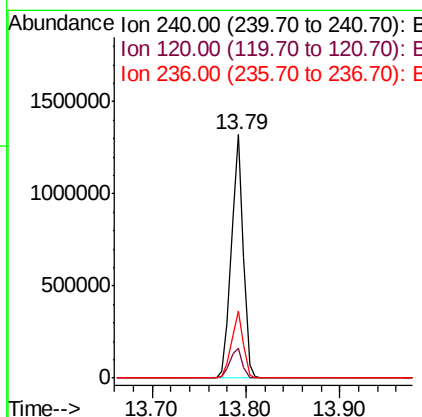
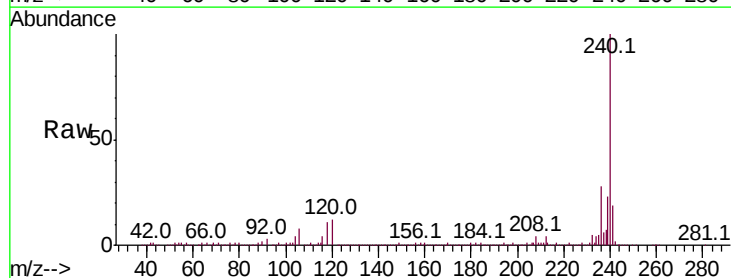
Instrument :
 BNA_F
 ClientSampleId :
 CLVR-AVEX-WC1B

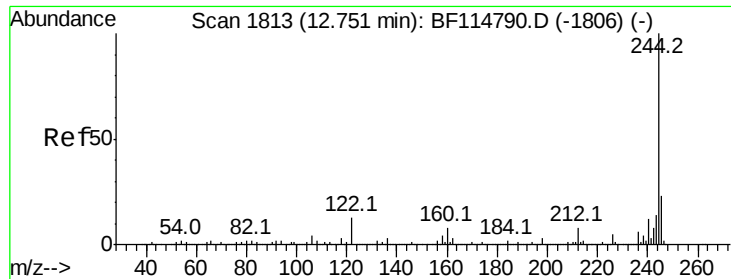
Tot Ion:248 Resp: 49398
 Ion Ratio Lower Upper
 248 100
 250 205.0 77.5 116.3#
 141 478.7 61.8 92.8#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.79 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: BF114860.D
 Acq: 6 Jun 2019 13:55

Tgt Ion:240 Resp: 1170544
 Ion Ratio Lower Upper
 240 100
 120 12.3 9.0 13.4
 236 27.5 21.4 32.0





#79

Terphenyl-d14

Concen: 58.012 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.01 min

Lab File: BF114860.D

Acq: 6 Jun 2019 13:55

Instrument :

BNA_F

ClientSampleId :

CLVR-AVEX-WC1B

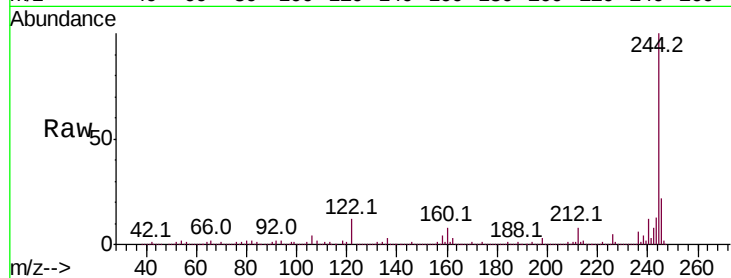
Tot Ion:244 Resp: 3491739

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

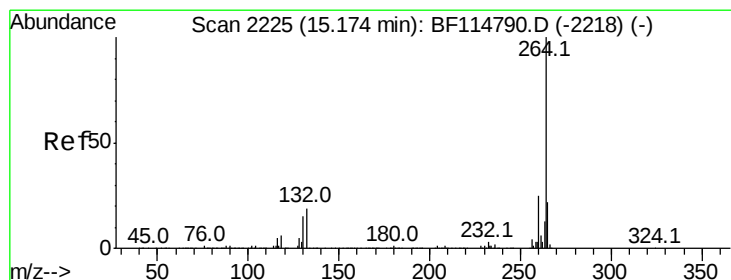
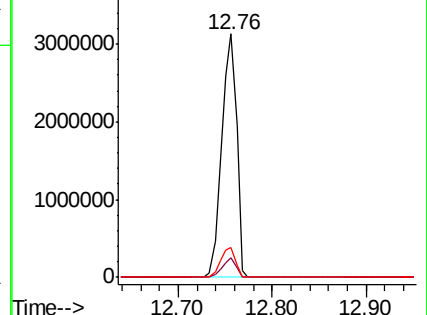
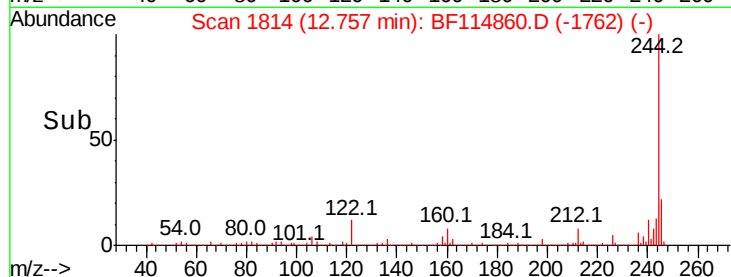
122 12.4 10.5 15.7



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: 15.19 min Scan# 2227

Delta R.T. 0.01 min

Lab File: BF114860.D

Acq: 6 Jun 2019 13:55

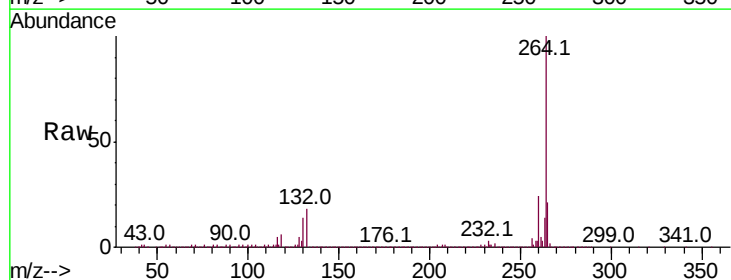
Tgt Ion:264 Resp: 1070800

Ion Ratio Lower Upper

264 100

260 24.2 20.1 30.1

265 21.4 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

