

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
 Data File : BF114842.D
 Acq On : 6 Jun 2019 2:09
 Operator : HP/JU
 Sample : K3151-03 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 06 05:05:38 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

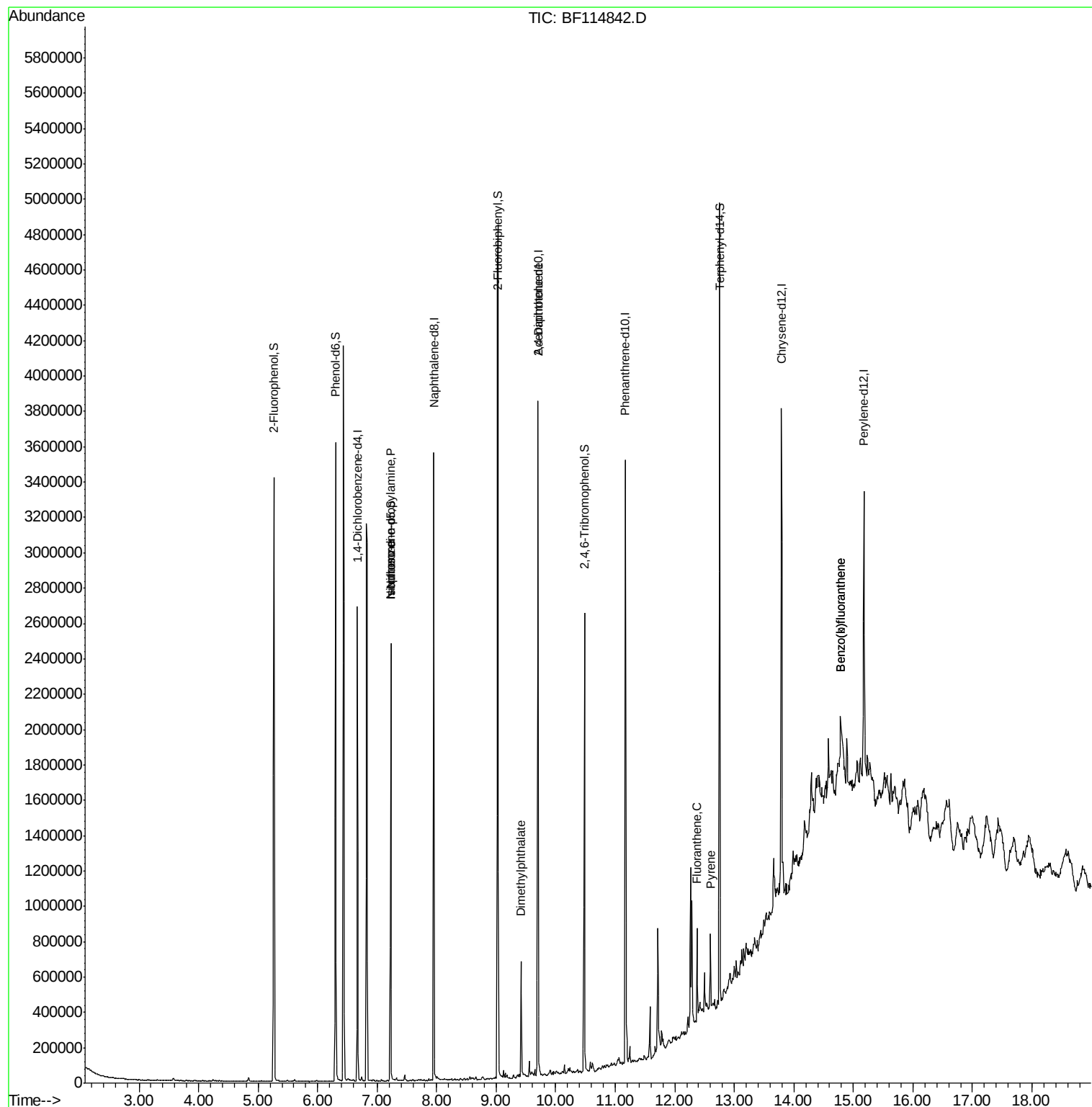
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	378083	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1455406	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	722023	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1280903	20.00	ng	0.00
76) Chrysene-d12	13.79	240	889973	20.00	ng	0.00
87) Perylene-d12	15.18	264	714653	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1025782	47.41	ng	0.00
7) Phenol-d6	6.30	99	1273786	48.38	ng	0.00
23) Nitrobenzene-d5	7.23	82	746945	31.59	ng	0.00
42) 2,4,6-Tribromophenol	10.48	330	336281	43.22	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	1545986	40.11	ng	0.00
79) Terphenyl-d14	12.75	244	1517532	33.16	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.23	70	96548	5.540	ng	# 78
25) Isophorone	7.23	82	726699	15.548	ng	# 61
50) Dimethylphthalate	9.42	163	257196	4.877	ng	# 97
57) 2,4-Dinitrotoluene	9.70	165	94551	6.065	ng	# 32
58) Fluorene	10.24	166	9287	Below Cal		# 94
75) Fluoranthene	12.37	202	128179	2.014	ng	# 96
78) Pyrene	12.60	202	162462	2.104	ng	# 95
88) Benzo(b)fluoranthene	14.79	252	116681	2.565	ng	# 71
89) Benzo(k)fluoranthene	14.79	252	116681	3.020	ng	# 72

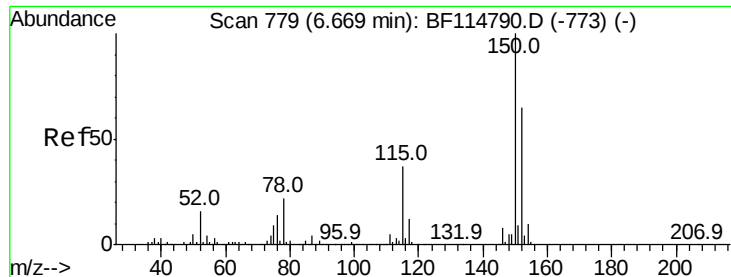
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
Data File : BF114842.D
Acq On : 6 Jun 2019 2:09
Operator : HP/JU
Sample : K3151-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 06 05:05:38 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



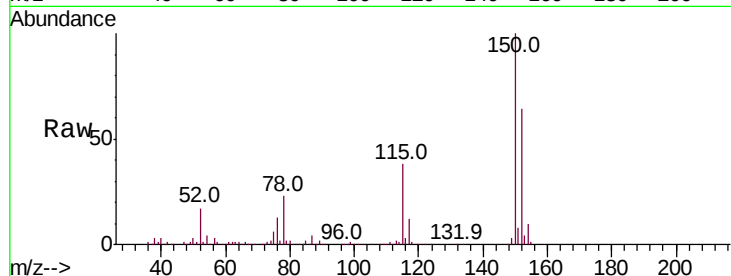


#1

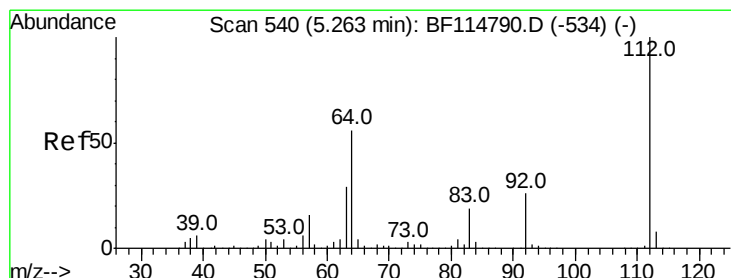
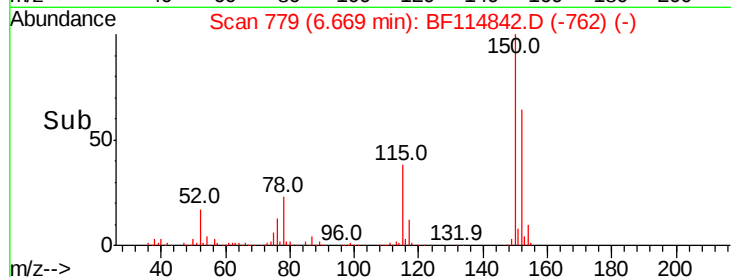
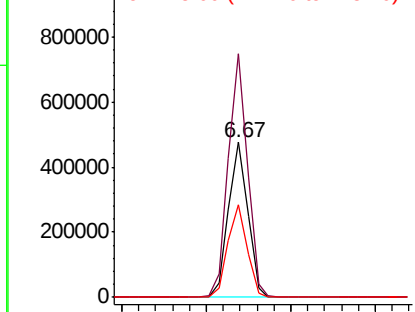
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF114842.D
Acq: 6 Jun 2019 2:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.0	186.0
115	59.7	46.3	69.5



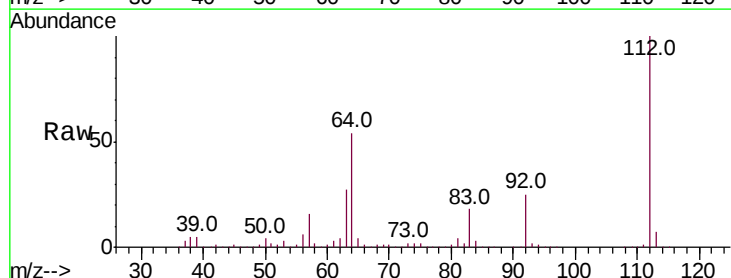
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



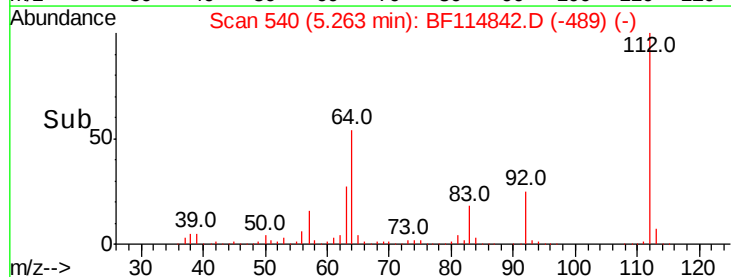
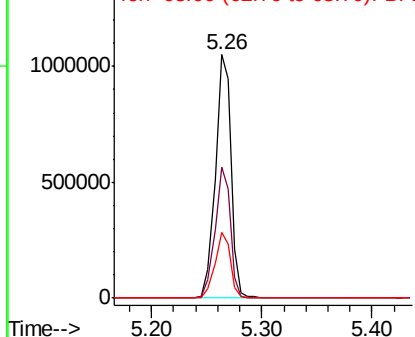
#5

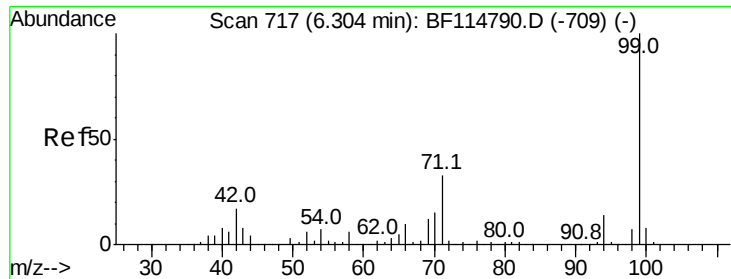
2-Fluorophenol
Concen: 47.408 ng
RT: 5.26 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF114842.D
Acq: 6 Jun 2019 2:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.0	44.6	66.8
63	27.2	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: 48.380 ng

RT: 6.30 min Scan# 717

Delta R.T. 0.00 min

Lab File: BF114842.D

Acq: 6 Jun 2019 2:09

Instrument :

BNA_F

ClientSampleId :

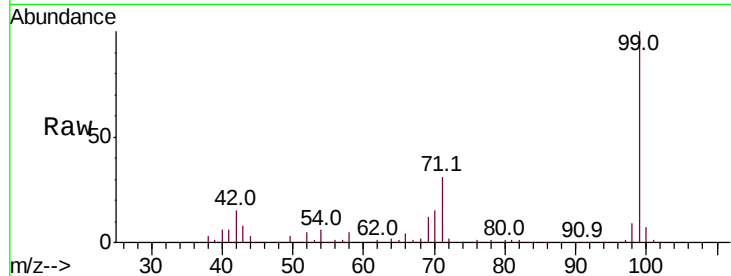
Tot Ion: 99 Resp: 1273786

Ion Ratio Lower Upper

99 100

42 15.3 13.3 19.9

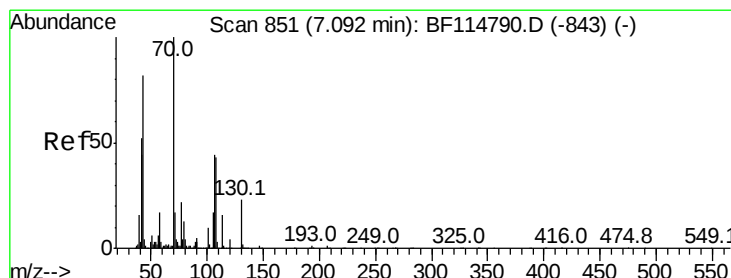
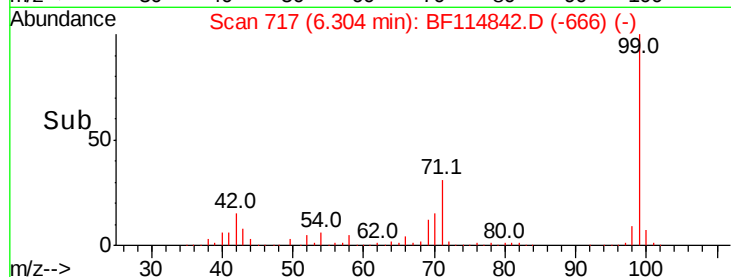
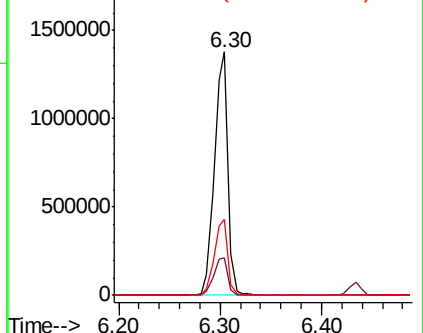
71 31.1 26.3 39.5



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: 5.540 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.14 min

Lab File: BF114842.D

Acq: 6 Jun 2019 2:09

Tgt Ion: 70 Resp: 96548

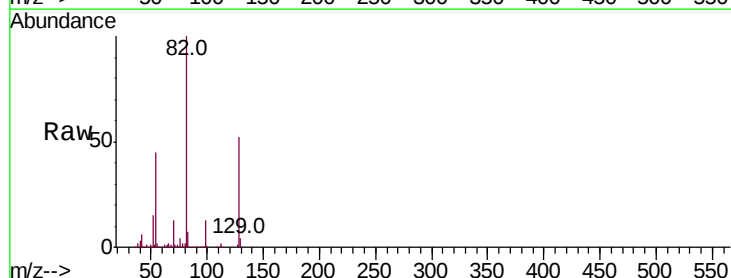
Ion Ratio Lower Upper

70 100

42 44.0 41.8 62.8

101 0.0 8.2 12.4#

130 2.4 18.5 27.7#

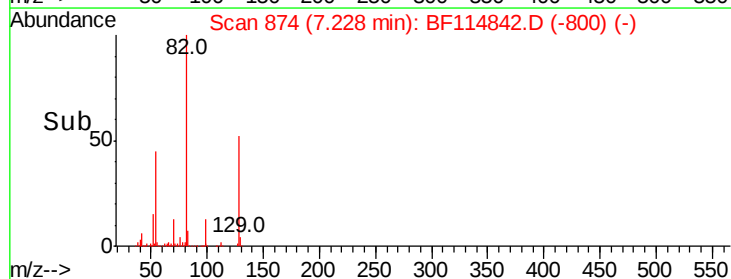
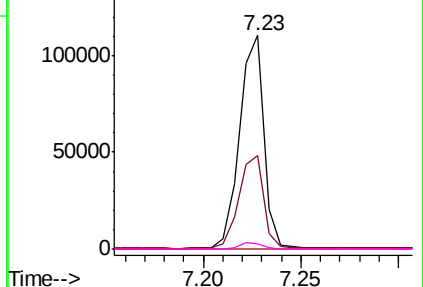


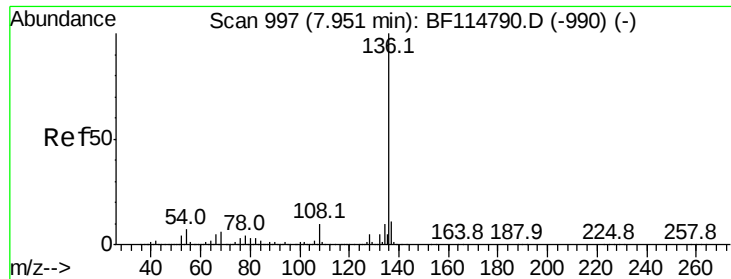
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

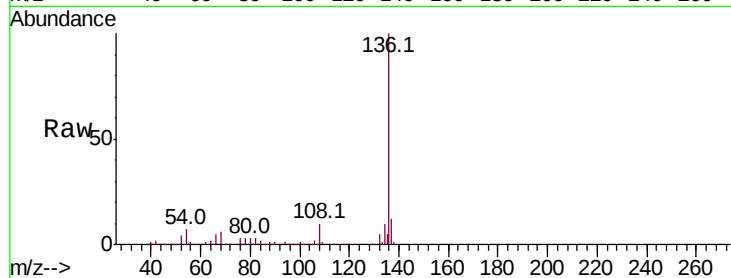




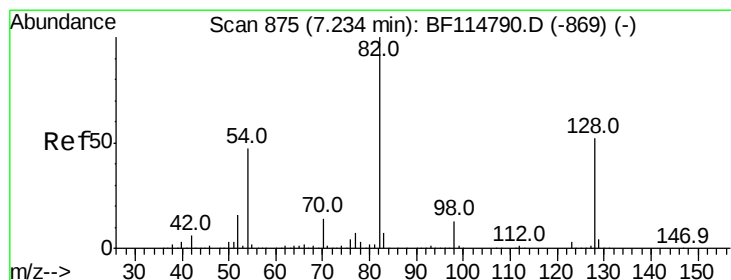
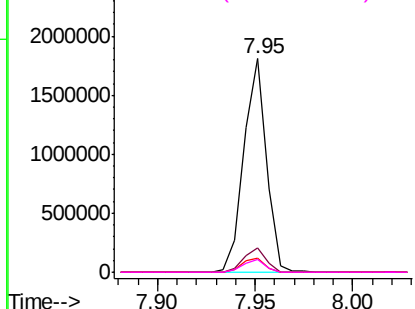
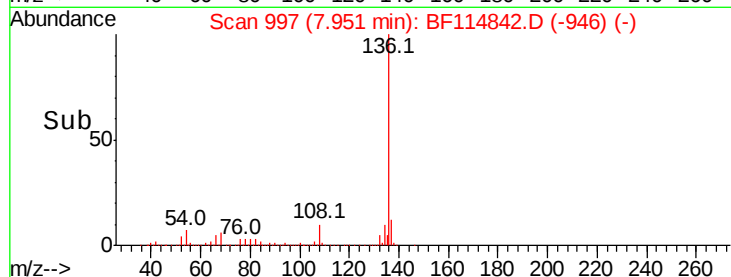
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF114842.D
Acq: 6 Jun 2019 2:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:136 Resp: 1455406
Ion Ratio Lower Upper
136 100
137 11.6 9.1 13.7
54 6.7 5.4 8.0
68 6.0 4.6 6.8

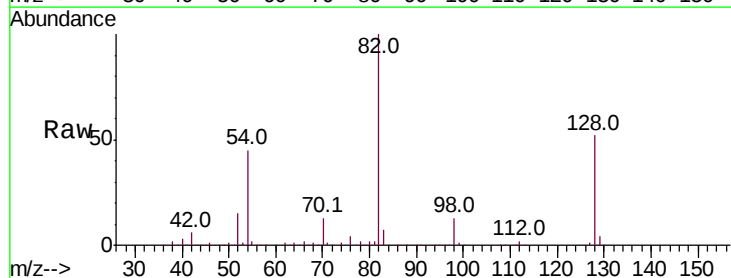


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

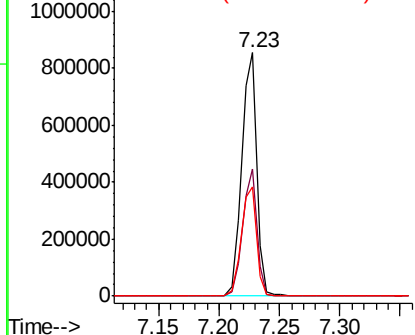
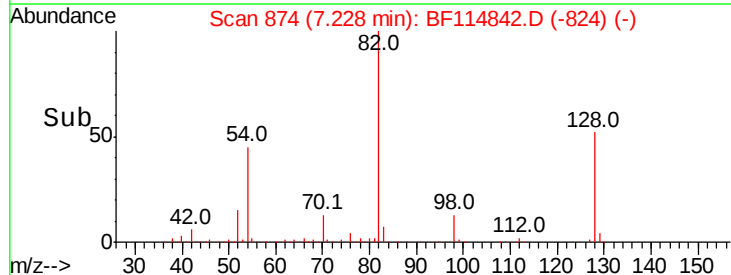


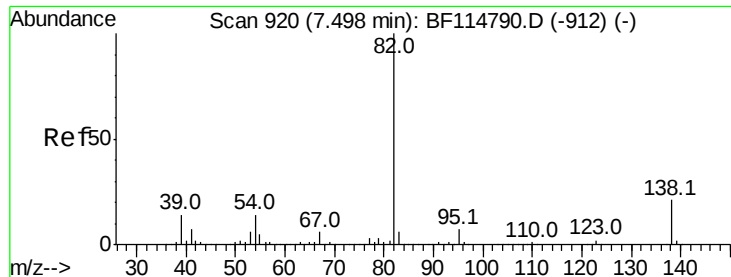
#23
Nitrobenzene-d5
Concen: 31.593 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF114842.D
Acq: 6 Jun 2019 2:09

Tgt Ion: 82 Resp: 746945
Ion Ratio Lower Upper
82 100
128 52.0 41.8 62.6
54 44.9 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: 15.548 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.27 min

Lab File: BF114842.D

Acq: 6 Jun 2019 2:09

Instrument :

BNA_F

ClientSampled :

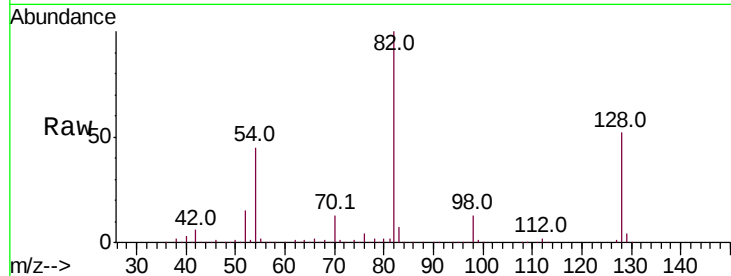
Tot Ion: 82 Resp: 726699

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

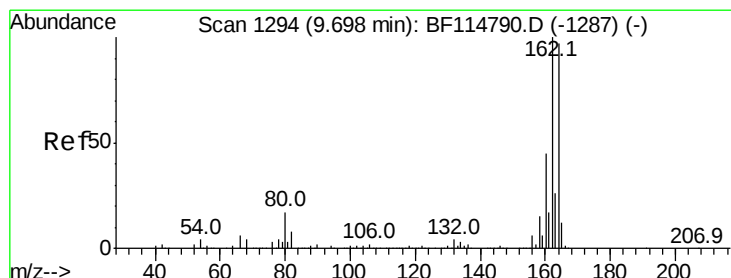
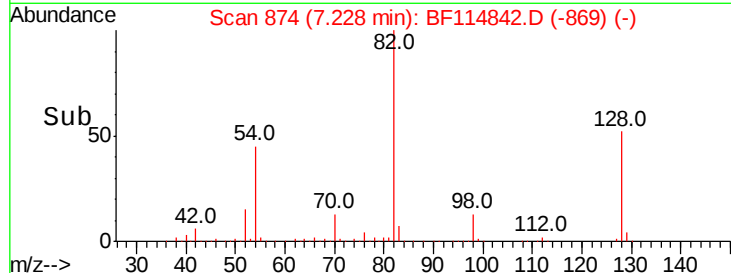
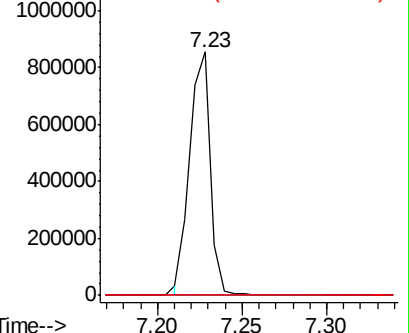
138 0.0 16.9 25.3#



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: BF114842.D

Acq: 6 Jun 2019 2:09

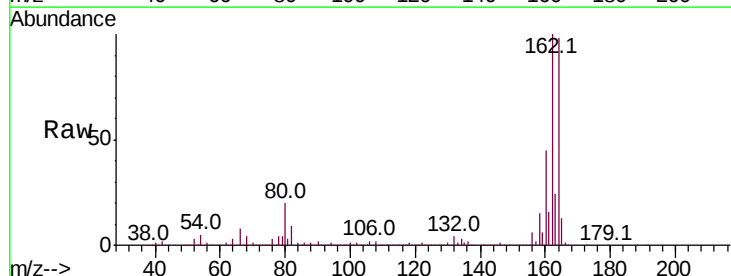
Tgt Ion:164 Resp: 722023

Ion Ratio Lower Upper

164 100

162 101.6 82.3 123.5

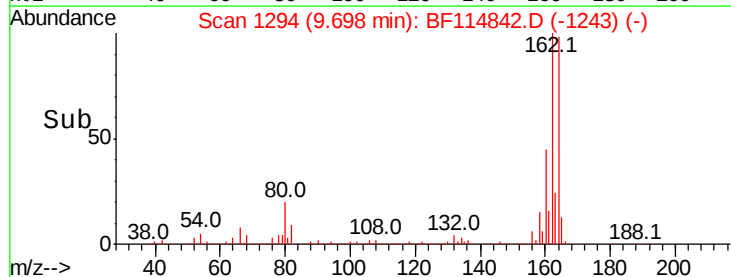
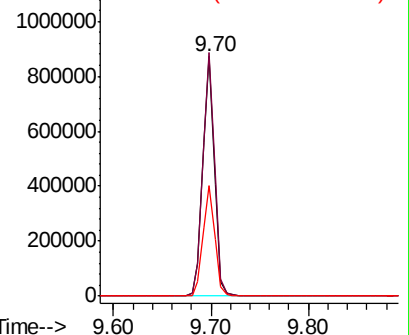
160 46.0 36.7 55.1

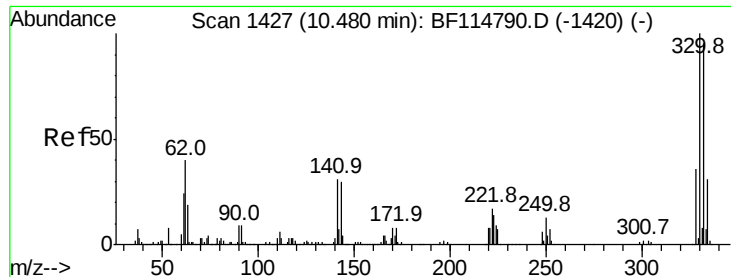


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 43.219 ng

RT: 10.48 min Scan# 1427

Delta R.T. 0.00 min

Lab File: BF114842.D

Acq: 6 Jun 2019 2:09

Instrument :

BNA_F

ClientSampleId :

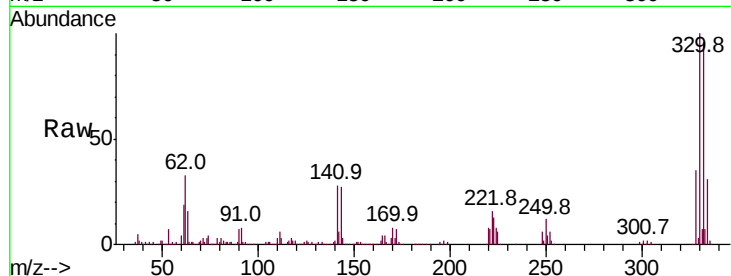
Tot Ion:330 Resp: 336281

Ion Ratio Lower Upper

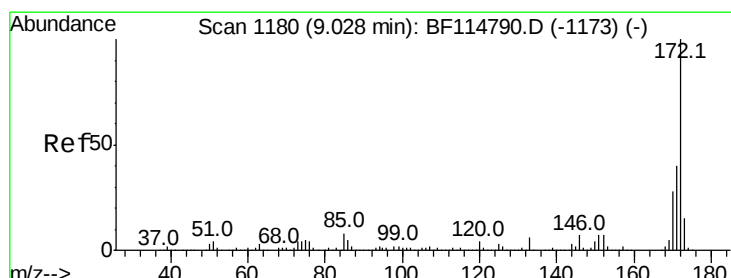
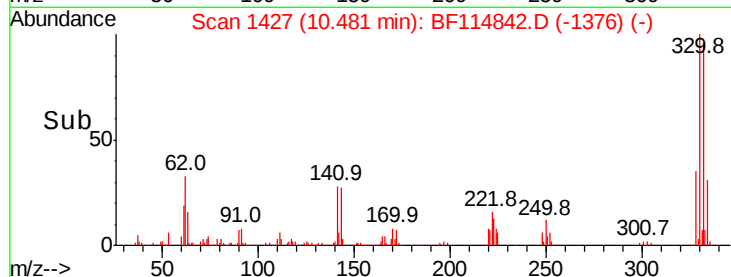
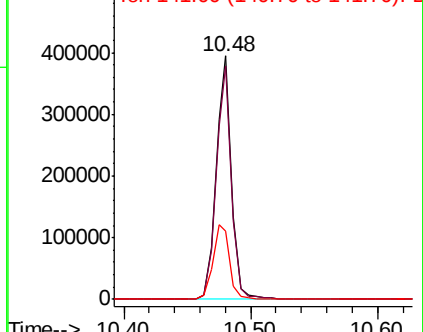
330 100

332 96.1 77.3 115.9

141 33.5 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: 40.110 ng

RT: 9.03 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BF114842.D

Acq: 6 Jun 2019 2:09

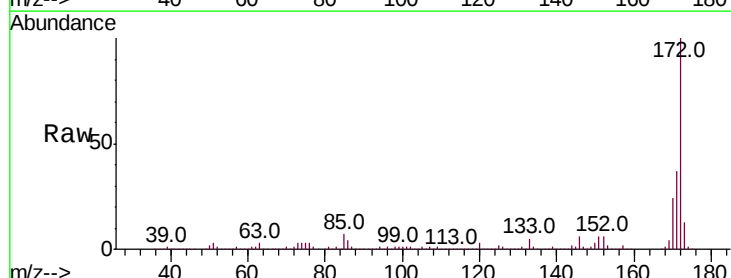
Tgt Ion:172 Resp: 1545986

Ion Ratio Lower Upper

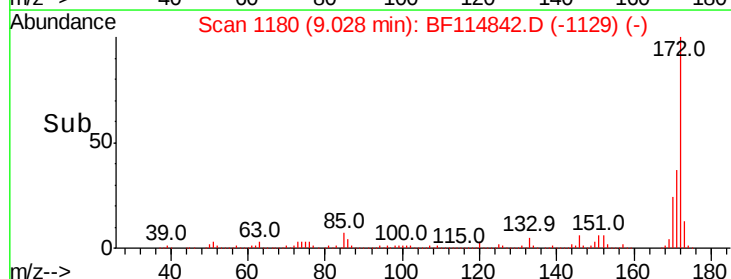
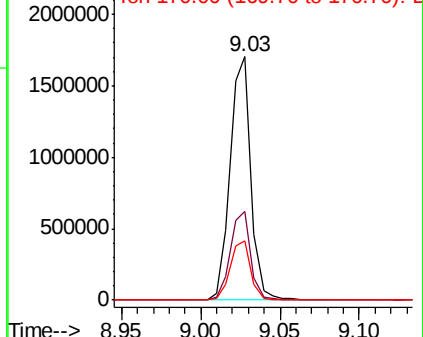
172 100

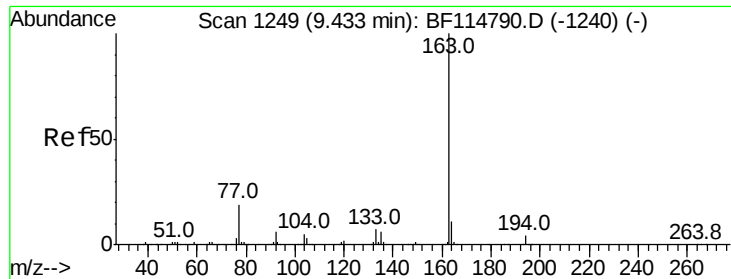
171 36.6 32.3 48.5

170 24.5 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: 4.877 ng

RT: 9.42 min Scan# 1246

Delta R.T. -0.02 min

Lab File: BF114842.D

Acq: 6 Jun 2019 2:09

Instrument :

BNA_F

ClientSampleId :

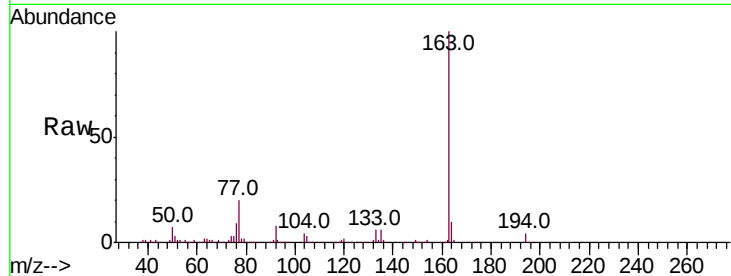
Tot Ion:163 Resp: 257196

Ion Ratio Lower Upper

163 100

194 3.6 3.4 5.2

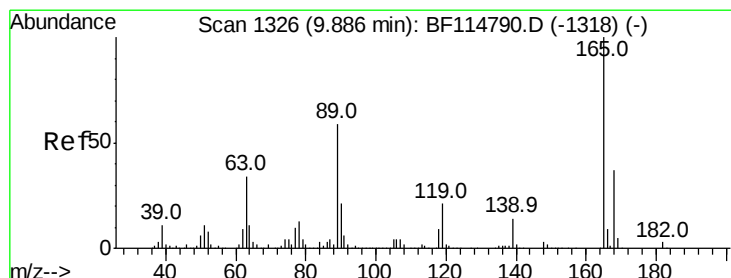
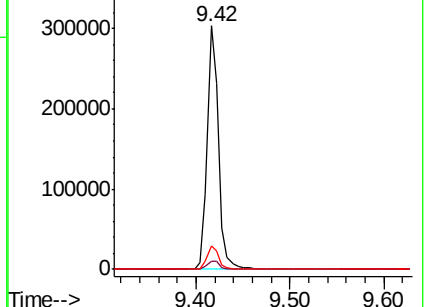
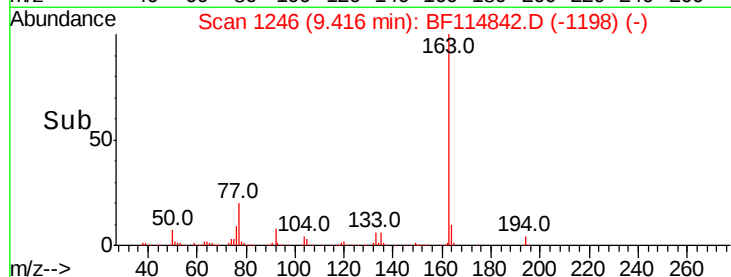
164 9.7 8.6 13.0



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: 6.065 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.19 min

Lab File: BF114842.D

Acq: 6 Jun 2019 2:09

Tgt Ion:165 Resp: 94551

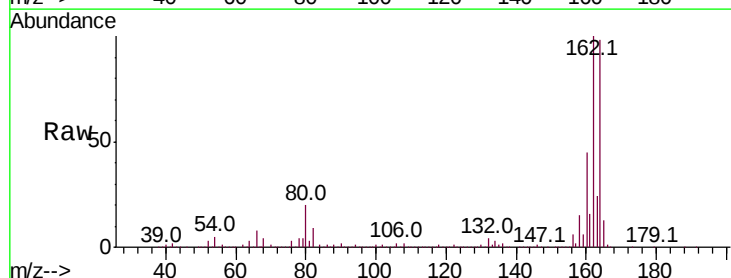
Ion Ratio Lower Upper

165 100

63 1.1 27.0 40.4#

89 1.1 47.0 70.6#

182 0.0 2.2 3.2#

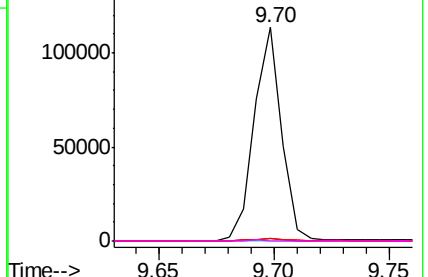
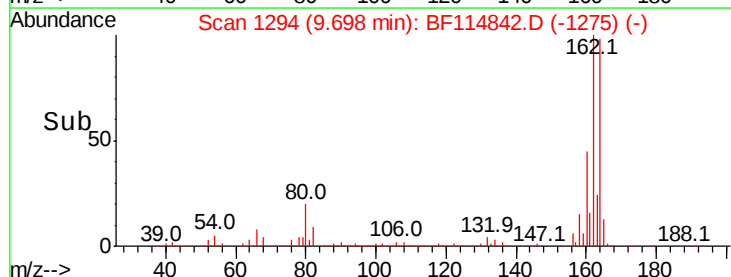


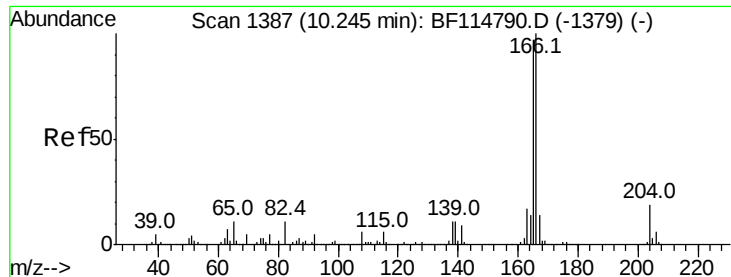
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF114842.D

Acq: 6 Jun 2019 2:09

Instrument :

BNA_F

ClientSampled :

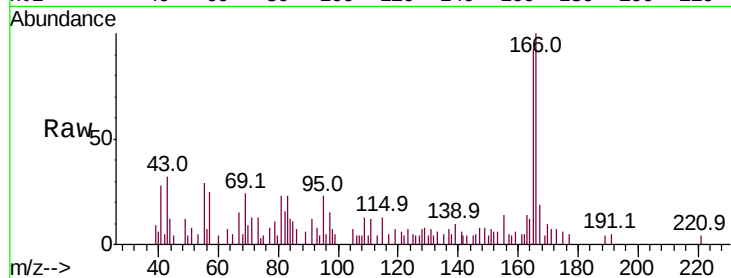
Tot Ion:166 Resp: 9287

Ion Ratio Lower Upper

166 100

165 92.5 77.9 116.9

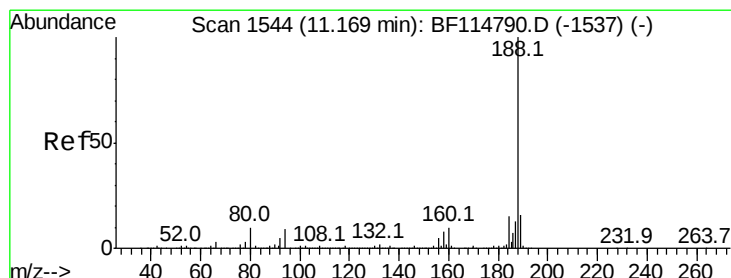
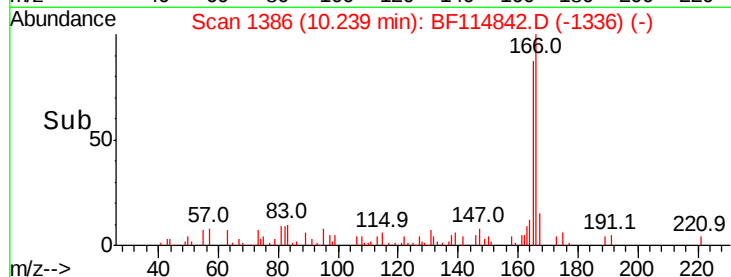
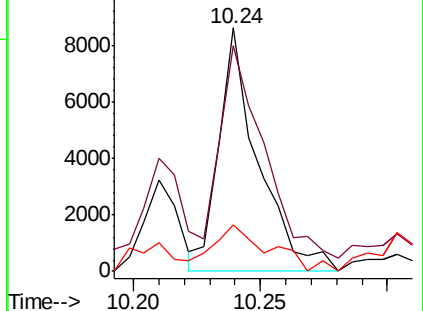
167 18.9 11.3 16.9#



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: BF114842.D

Acq: 6 Jun 2019 2:09

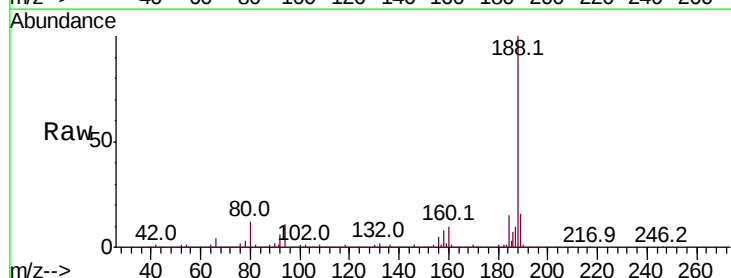
Tgt Ion:188 Resp: 1280903

Ion Ratio Lower Upper

188 100

94 10.9 7.6 11.4

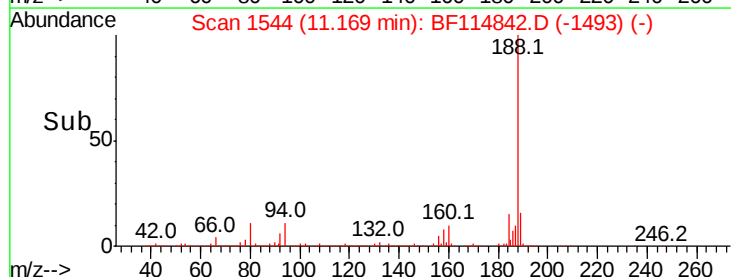
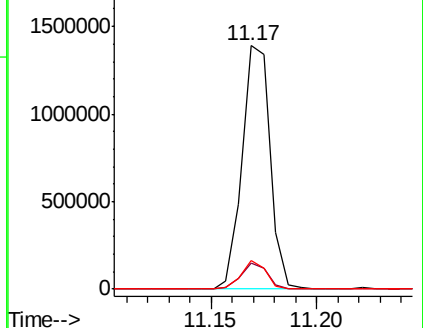
80 11.5 8.3 12.5

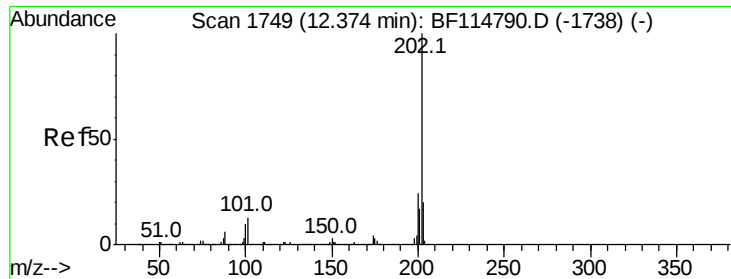


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

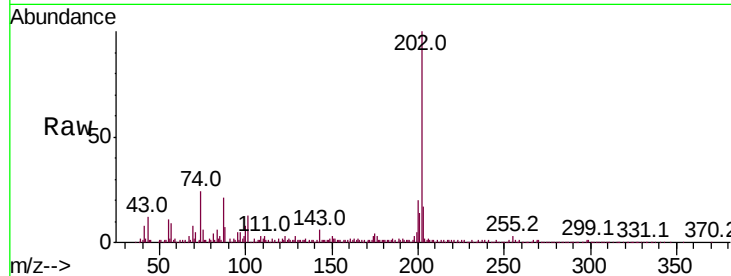




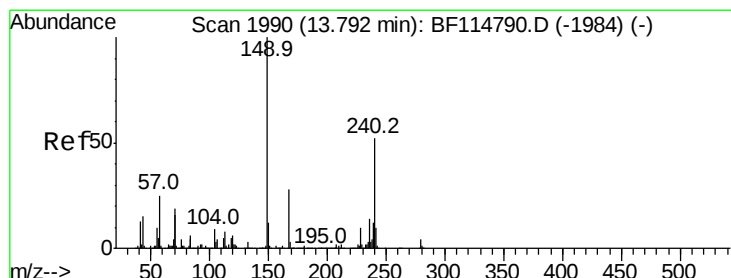
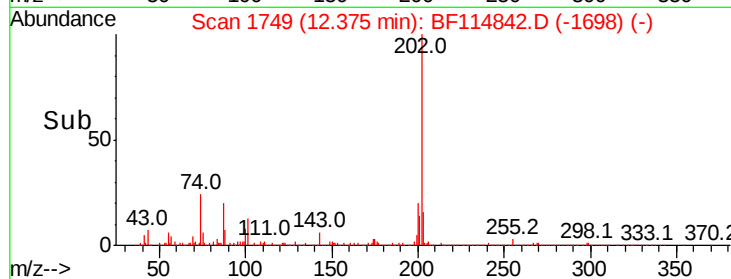
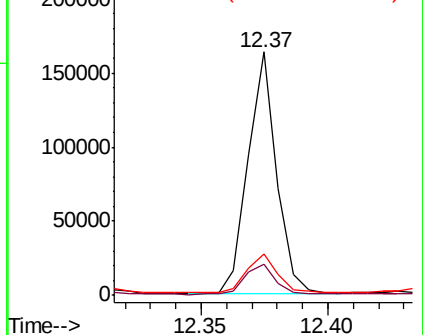
#75
 Fluoranthene
 Concen: 2.014 ng
 RT: 12.37 min Scan# 1749
 Delta R.T. 0.00 min
 Lab File: BF114842.D
 Acq: 6 Jun 2019 2:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	202	Resp:	128179
Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	32.8
203	16.9	0.2	40.2

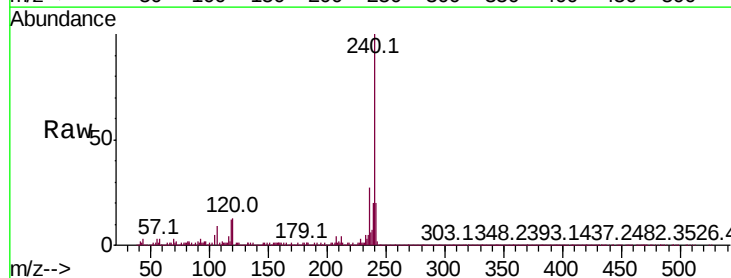


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

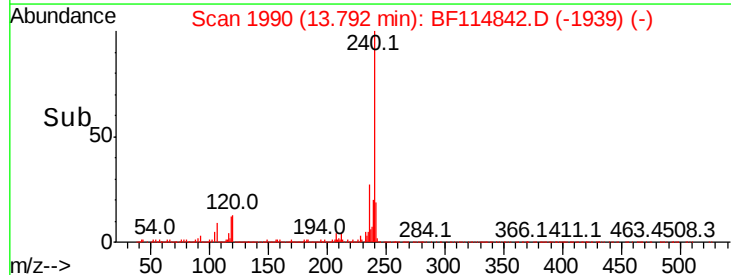
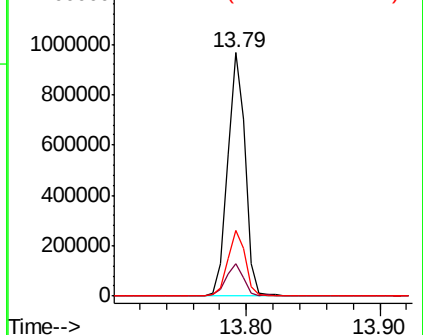


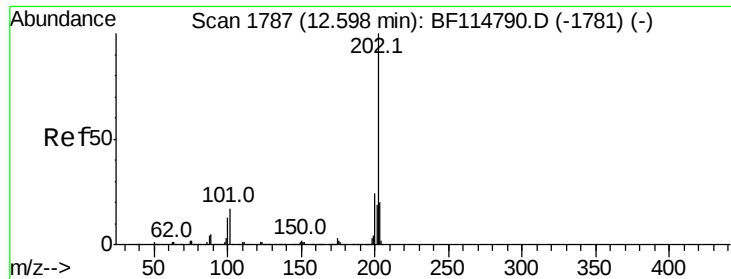
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.79 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: BF114842.D
 Acq: 6 Jun 2019 2:09

Tgt Ion:	240	Resp:	889973
Ion	Ratio	Lower	Upper
240	100		
120	13.2	9.0	13.4
236	27.0	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

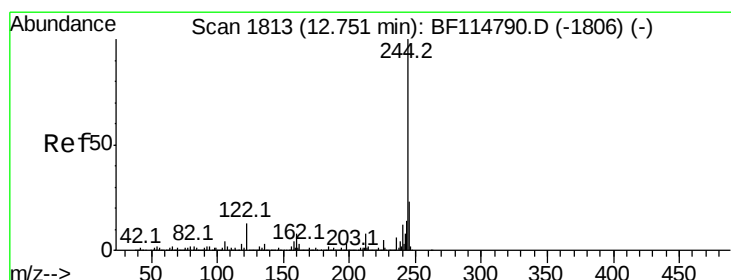
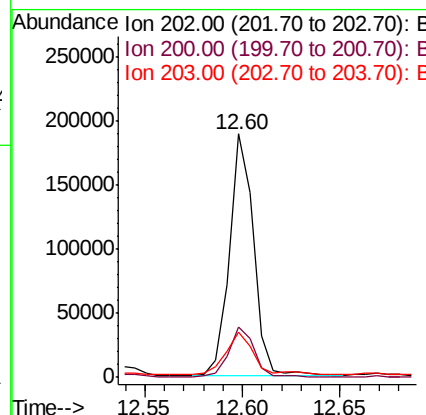
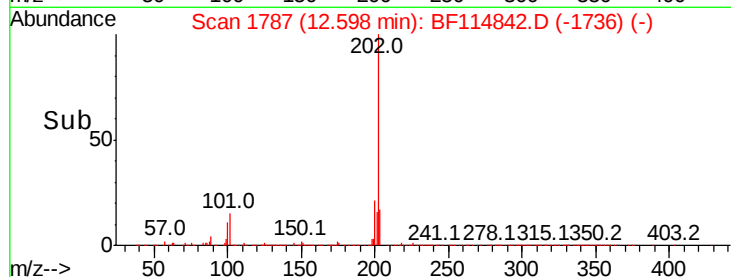
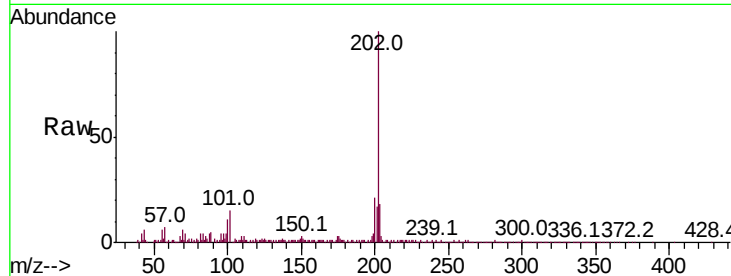




#78
Pvrene
Concen: 2.104 ng
RT: 12.60 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BF114842.D
Acq: 6 Jun 2019 2:09

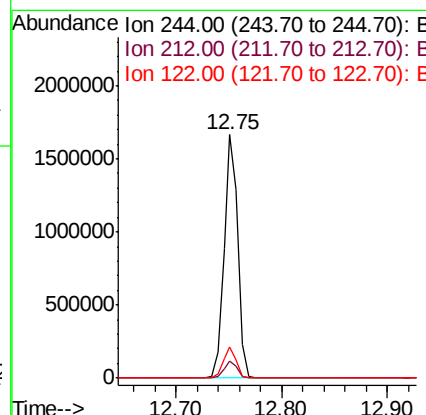
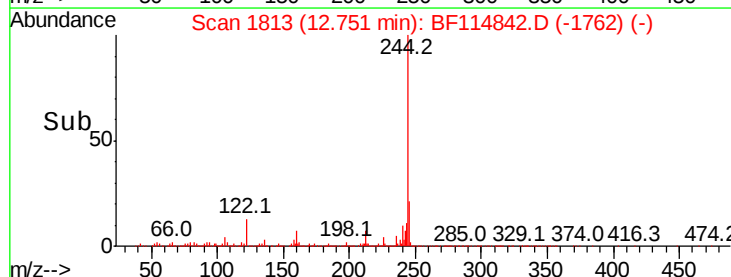
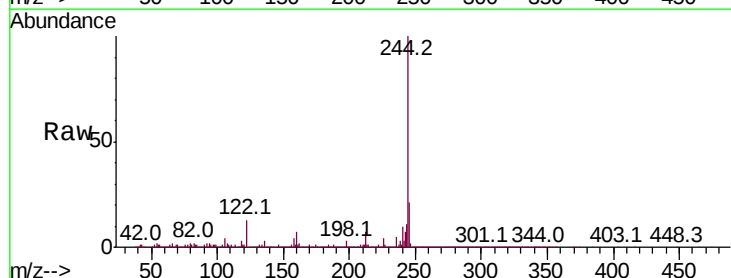
Instrument :
BNA_F
ClientSampleId :

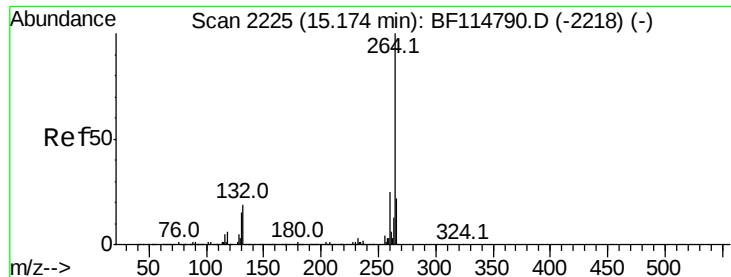
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.9	19.2	28.8
203	18.3	15.9	23.9



#79
Terphenyl-d14
Concen: 33.161 ng
RT: 12.75 min Scan# 1813
Delta R.T. 0.00 min
Lab File: BF114842.D
Acq: 6 Jun 2019 2:09

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.5	9.7
122	12.8	10.5	15.7





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.18 min Scan# 2226

Delta R.T. 0.01 min

Lab File: BF114842.D

Acq: 6 Jun 2019 2:09

Instrument :

BNA_F

ClientSampleId :

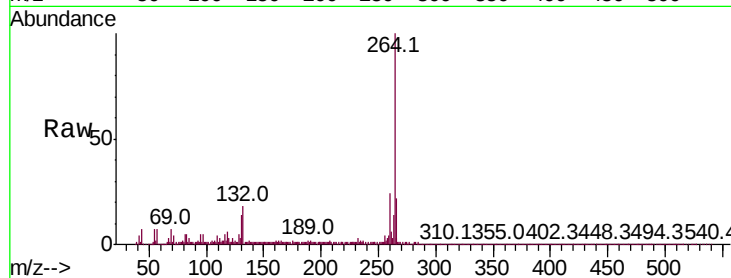
Tot Ion:264 Resp: 714653

Ion	Ratio	Lower	Upper
264	100		
260	23.8	20.1	30.1
265	21.5	17.7	26.5

264 100

260 23.8 20.1 30.1

265 21.5 17.7 26.5

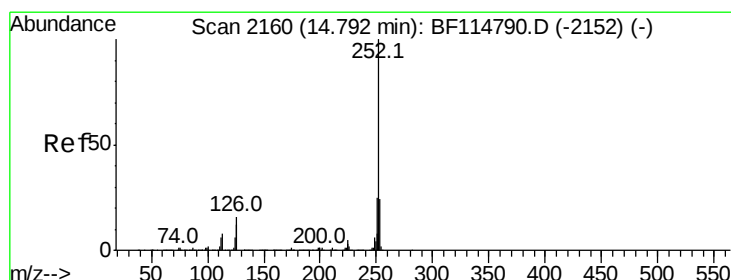
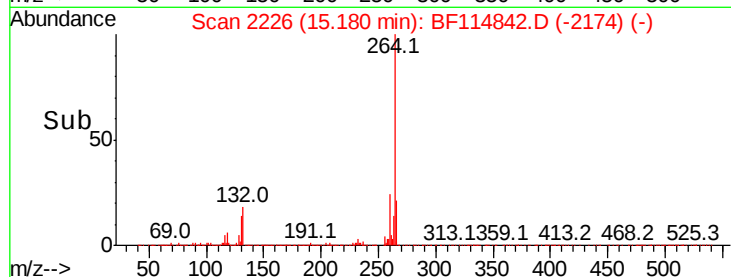
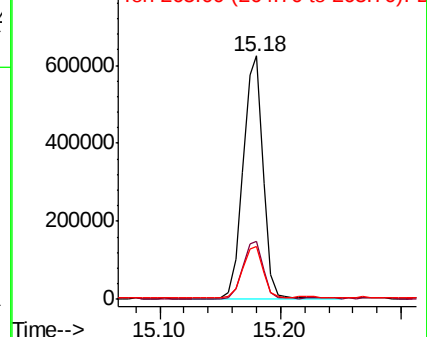


Abundance

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



#88

Benzo(b)fluoranthene

Concen: 2.565 ng

RT: 14.79 min Scan# 2160

Delta R.T. 0.00 min

Lab File: BF114842.D

Acq: 6 Jun 2019 2:09

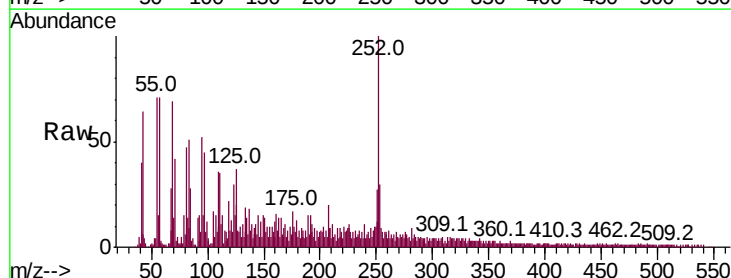
Tgt Ion:252 Resp: 116681

Ion	Ratio	Lower	Upper
252	100		
253	29.5	19.0	28.6#
125	36.9	9.4	14.0#

252 100

253 29.5 19.0 28.6#

125 36.9 9.4 14.0#

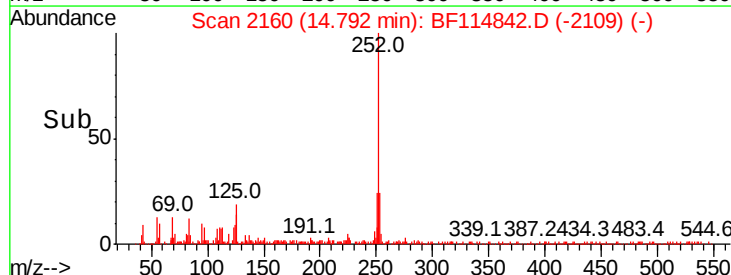
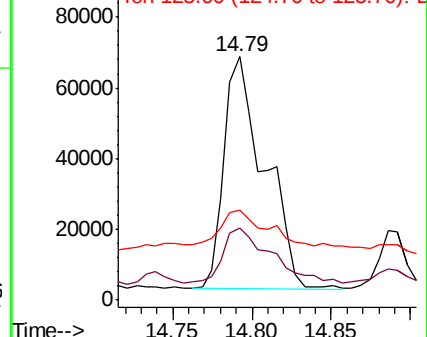


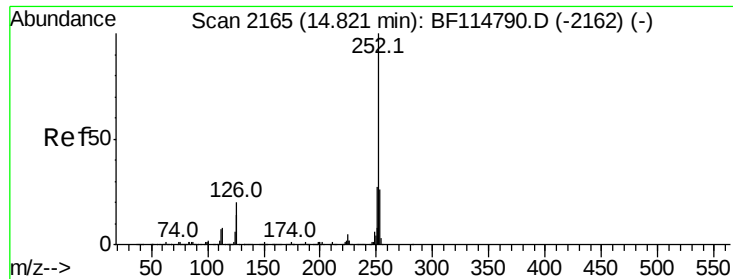
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 3.020 ng

RT: 14.79 min Scan# 2160

Delta R.T. -0.03 min

Lab File: BF114842.D

Acq: 6 Jun 2019 2:09

Instrument :

BNA_F

ClientSampleId :

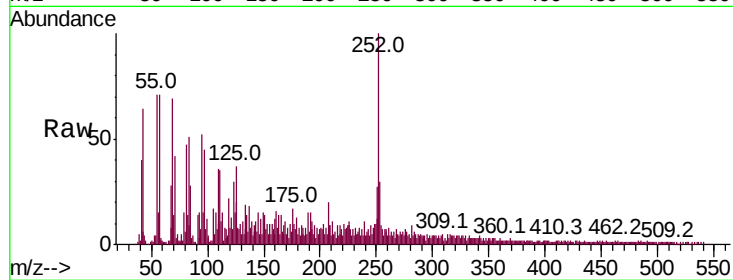
Tot Ion:252 Resp: 116681

Ion Ratio Lower Upper

252 100

253 29.5 19.3 28.9#

125 36.9 10.1 15.1#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

