

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041219\
 Data File : BF113738.D
 Acq On : 12 Apr 2019 15:02
 Operator : JU/SJ
 Sample : K2311-13
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 12 23:00:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	116392	20.00	ng	-0.02
21) Naphthalene-d8	7.96	136	442615	20.00	ng	-0.01
39) Acenaphthene-d10	9.70	164	214804	20.00	ng	-0.02
64) Phenanthrene-d10	11.19	188	439681	20.00	ng	-0.02
76) Chrysene-d12	13.82	240	371914	20.00	ng	-0.02
87) Perylene-d12	15.23	264	322748	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	465829	68.25	ng	-0.01
7) Phenol-d6	6.33	99	444158	52.80	ng	-0.01
23) Nitrobenzene-d5	7.24	82	648920	85.88	ng	-0.02
42) 2,4,6-Tribromophenol	10.50	330	336341	130.35	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	1178133	88.30	ng	-0.02
79) Terphenyl-d14	12.77	244	1400840	76.69	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.45	77	16805	3.360	ng	# 71
19) n-Nitroso-di-n-propylamine	7.24	70	85318	16.447	ng	# 77
25) Isophorone	7.24	82	648915	44.580	ng	# 64
50) Dimethylphthalate	9.43	163	94493	5.968	ng	100
57) 2,4-Dinitrotoluene	9.70	165	27805	6.587	ng	# 23
67) 4-Bromophenyl-phenylether	10.50	248	19267	3.907	ng	# 1

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

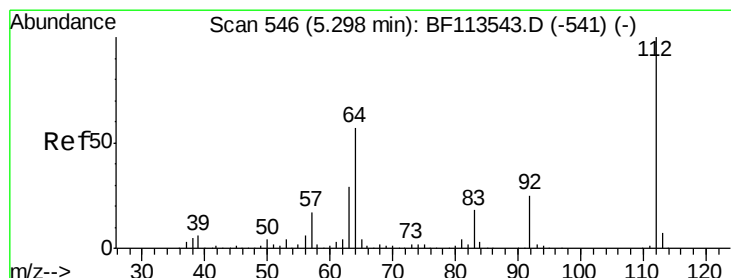
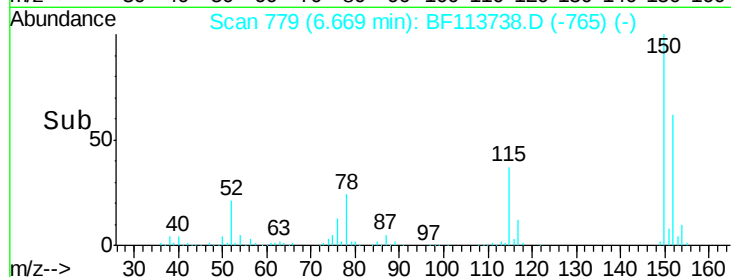
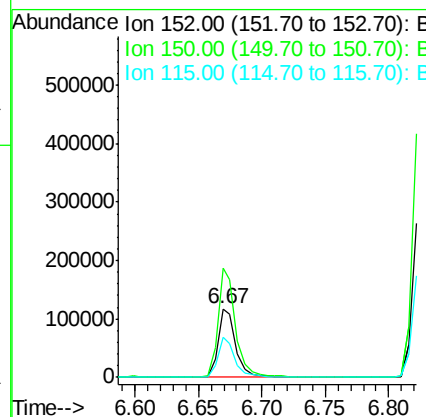
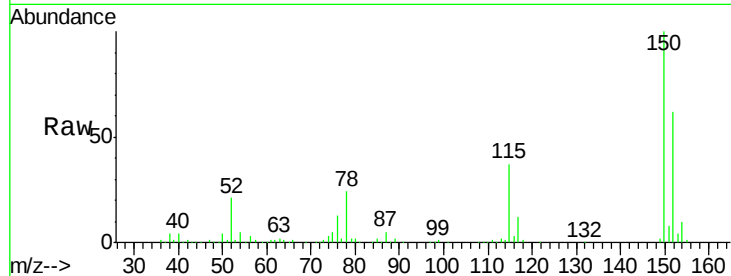


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.02 min
Lab File: BF113738.D
Acq: 12 Apr 2019 15:02

Instrument :
BNA_F
ClientSampleId :

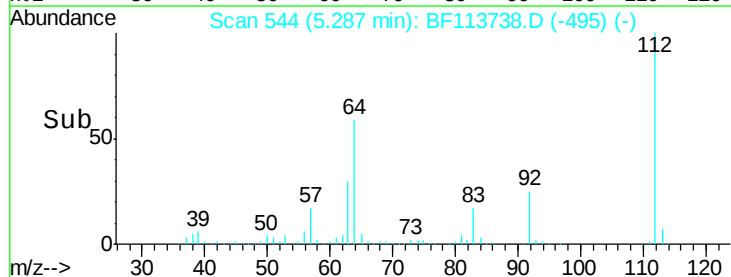
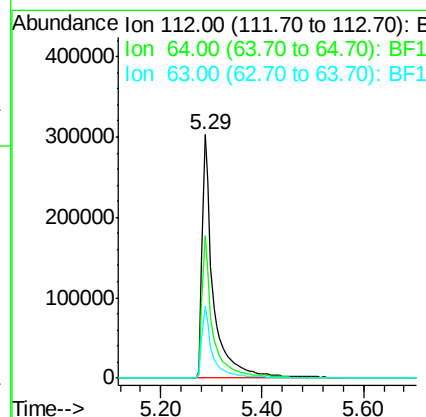
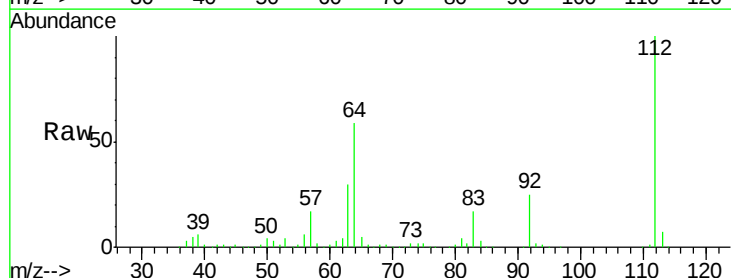
Tot Ion:152 Resp: 116392
Ion Ratio Lower Upper
152 100
150 160.0 124.7 187.1
115 58.8 46.0 69.0

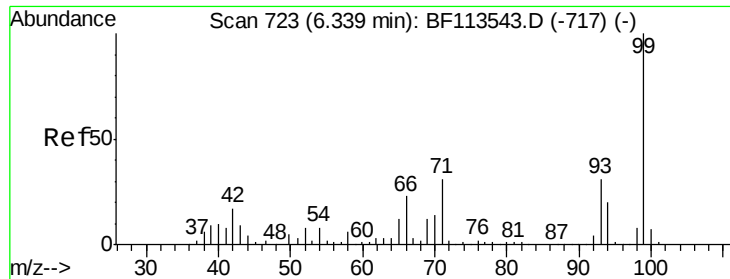


#5

2-Fluorophenol
Concen: 68.247 ng
RT: 5.29 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF113738.D
Acq: 12 Apr 2019 15:02

Tgt Ion:112 Resp: 465829
Ion Ratio Lower Upper
112 100
64 58.5 49.2 73.8
63 29.6 24.9 37.3





#7

Phenol-d6

Concen: 52.797 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF113738.D

Acq: 12 Apr 2019 15:02

Instrument :

BNA_F

ClientSampled :

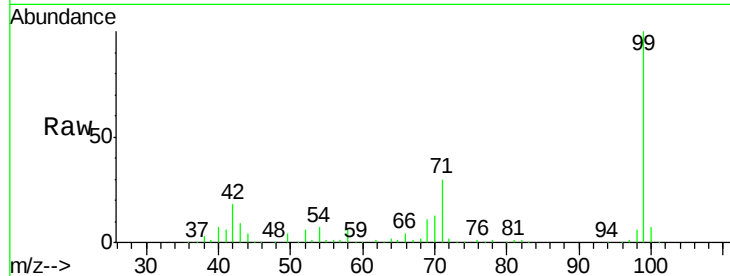
Tot Ion: 99 Resp: 444158

Ion Ratio Lower Upper

99 100

42 17.7 14.8 22.2

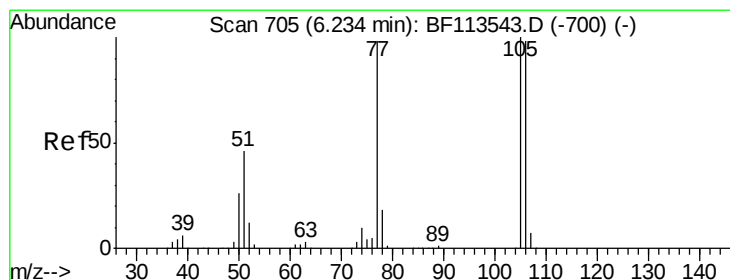
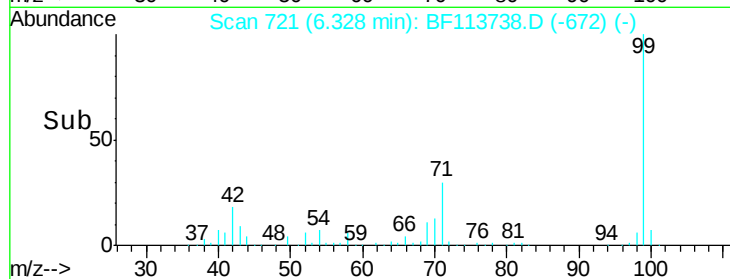
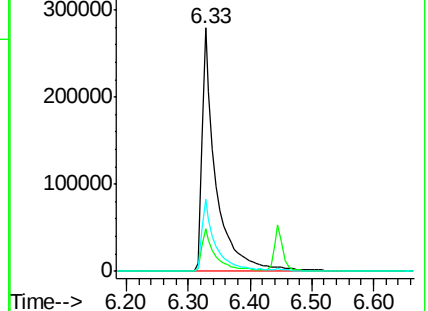
71 29.5 24.9 37.3



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



#9

Benzaldehyde

Concen: 3.360 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.21 min

Lab File: BF113738.D

Acq: 12 Apr 2019 15:02

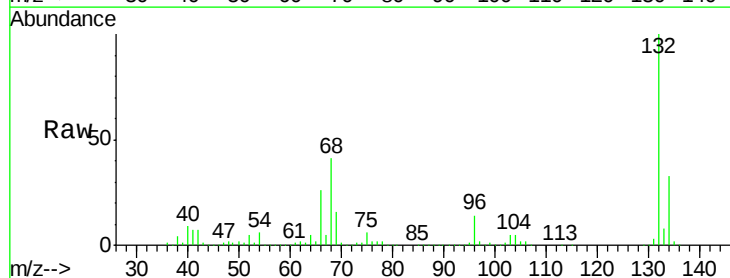
Tgt Ion: 77 Resp: 16805

Ion Ratio Lower Upper

77 100

105 73.5 80.9 120.9#

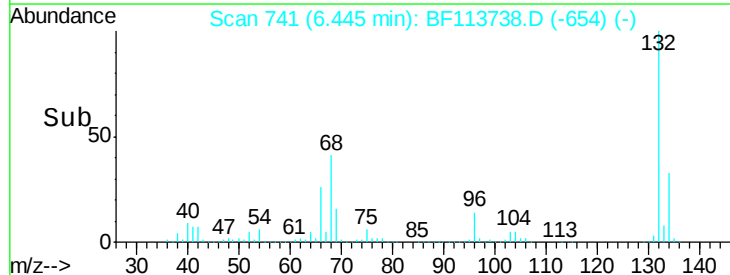
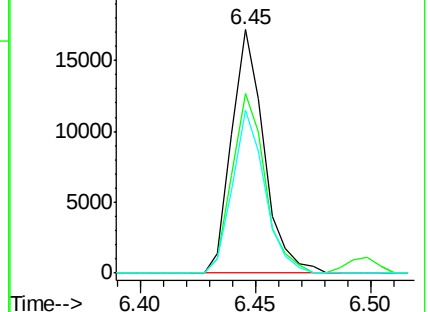
106 66.7 77.8 117.8#

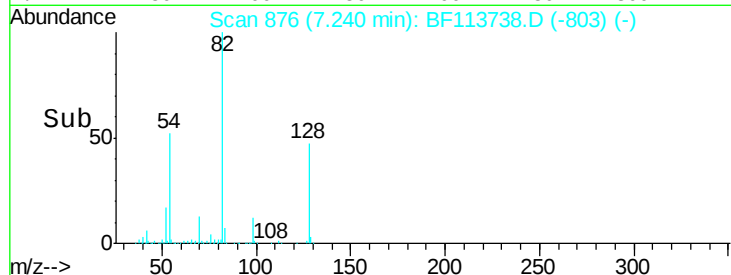
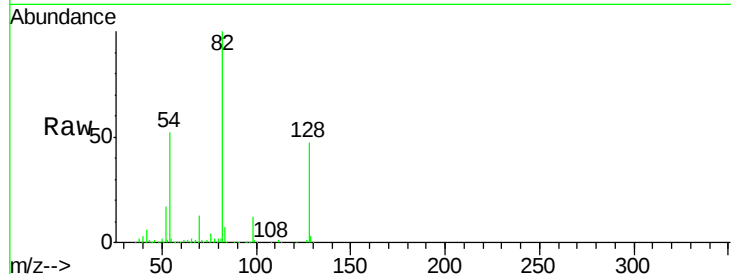
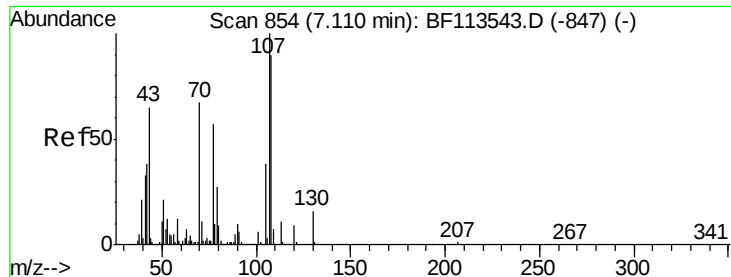


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

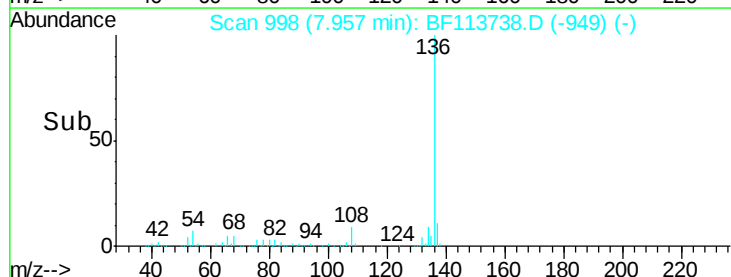
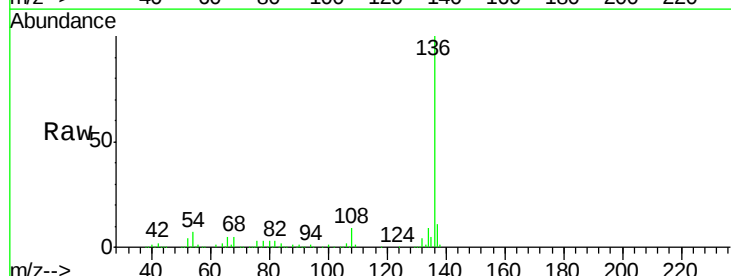
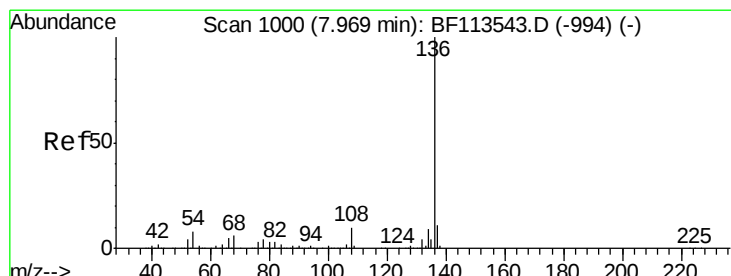
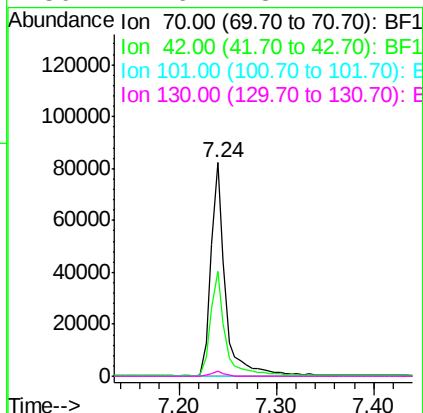




#19
n-Nitroso-di-n-propylamine
Concen: 16.447 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.13 min
Lab File: BF113738.D
Acq: 12 Apr 2019 15:02

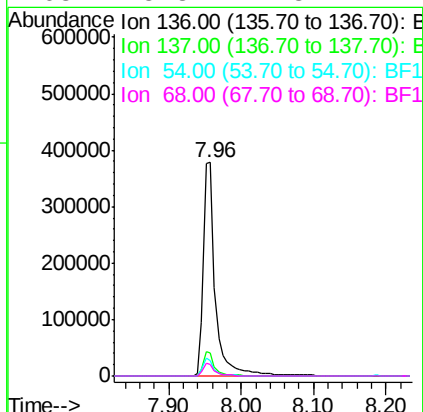
Instrument :
BNA_F
ClientSampleId :

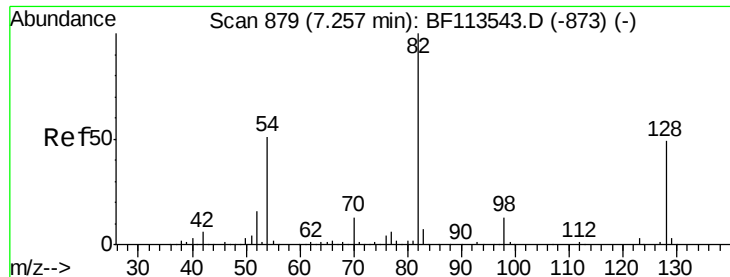
Tot Ion	70	Resp	85318
Ion Ratio	Lower	Upper	
70	100		
42	49.2	48.4	72.6
101	0.0	7.8	11.8#
130	2.6	18.2	27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF113738.D
Acq: 12 Apr 2019 15:02

Tgt Ion	136	Resp	442615
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.9	13.3
54	7.1	7.0	10.6
68	5.3	4.8	7.2

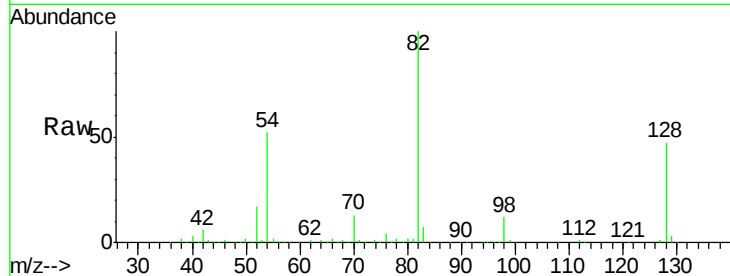




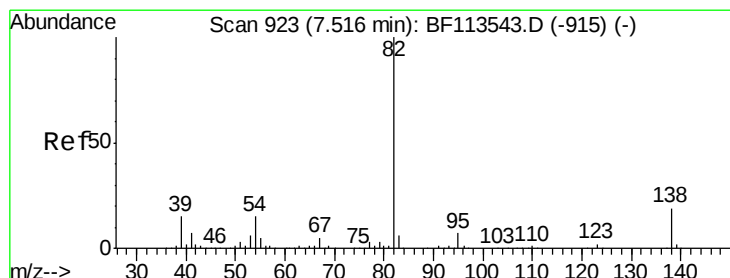
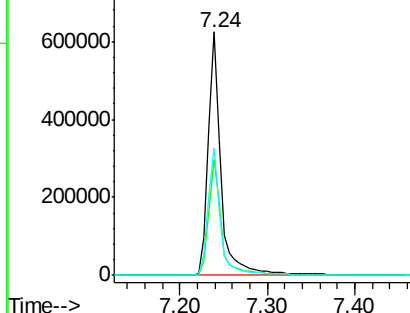
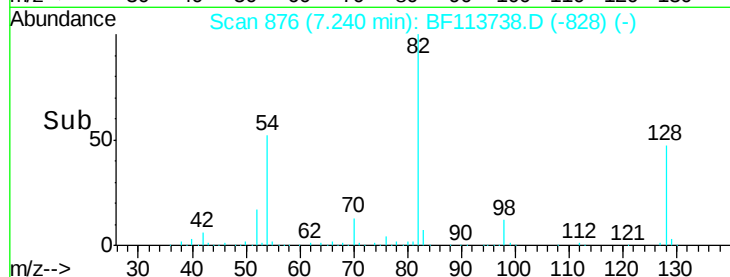
#23
Nitrobenzene-d5
Concen: 85.877 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.02 min
Lab File: BF113738.D
Acq: 12 Apr 2019 15:02

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 648920
Ion Ratio Lower Upper
82 100
128 47.3 36.5 54.7
54 52.1 42.2 63.2

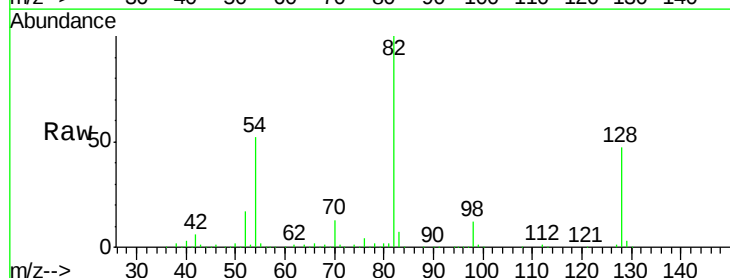


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

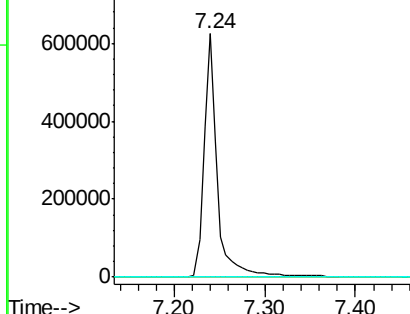
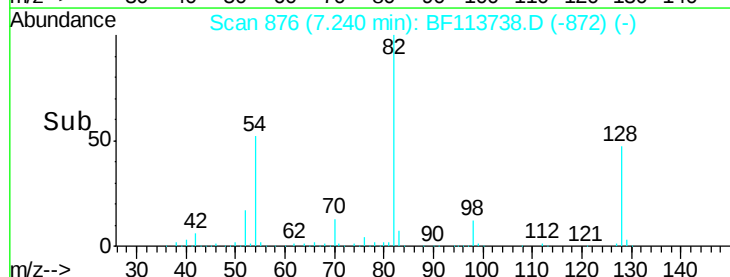


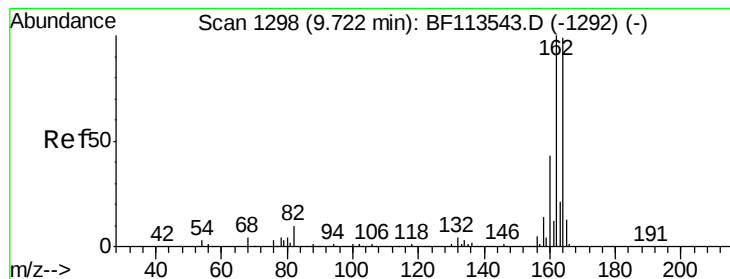
#25
Isophorone
Concen: 44.580 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.28 min
Lab File: BF113738.D
Acq: 12 Apr 2019 15:02

Tgt Ion: 82 Resp: 648915
Ion Ratio Lower Upper
82 100
95 0.1 5.5 8.3#
138 0.0 15.2 22.8#



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# 1295

Delta R.T. -0.02 min

Lab File: BF113738.D

Acq: 12 Apr 2019 15:02

Instrument :

BNA_F

ClientSampleId :

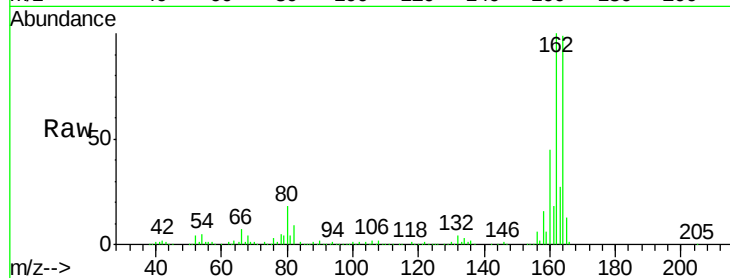
Tot Ion:164 Resp: 214804

Ion Ratio Lower Upper

164 100

162 101.4 81.8 122.6

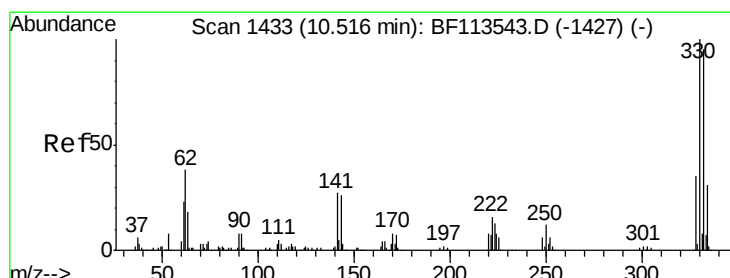
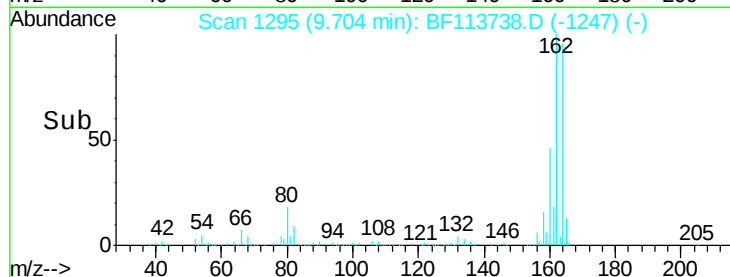
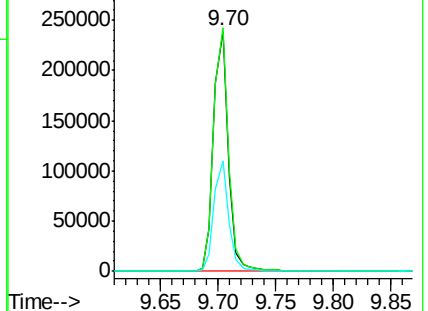
160 46.1 36.4 54.6



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: 130.349 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.02 min

Lab File: BF113738.D

Acq: 12 Apr 2019 15:02

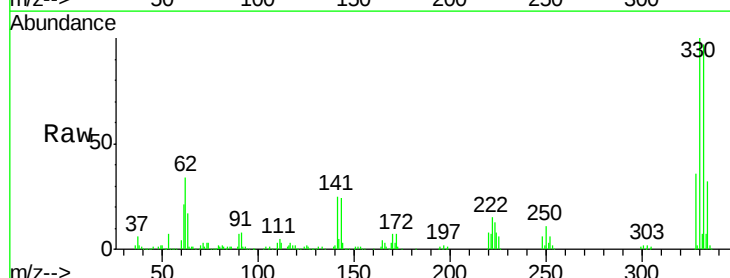
Tgt Ion:330 Resp: 336341

Ion Ratio Lower Upper

330 100

332 97.7 77.8 116.6

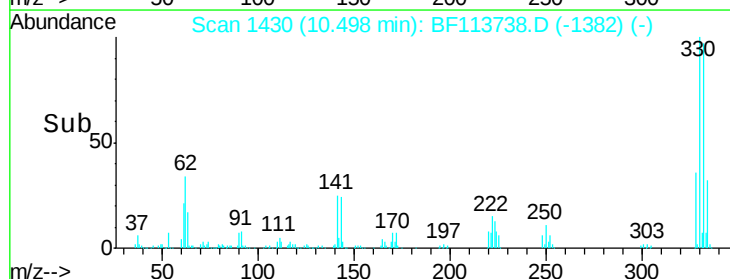
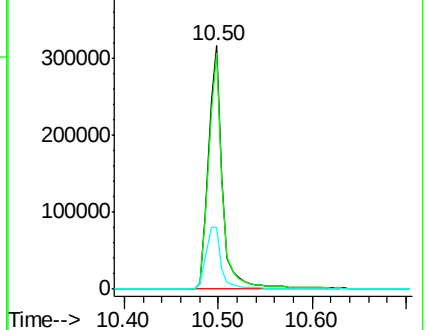
141 28.6 22.7 34.1

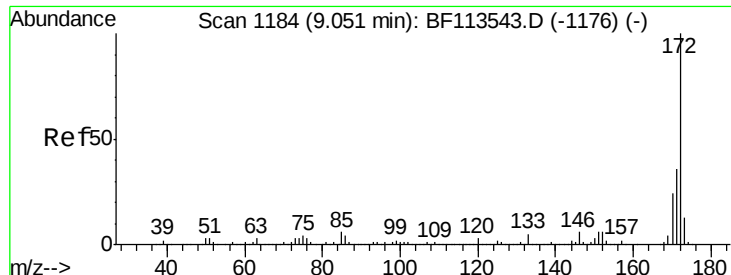


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

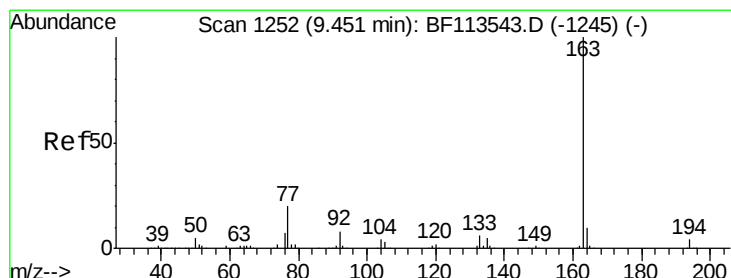
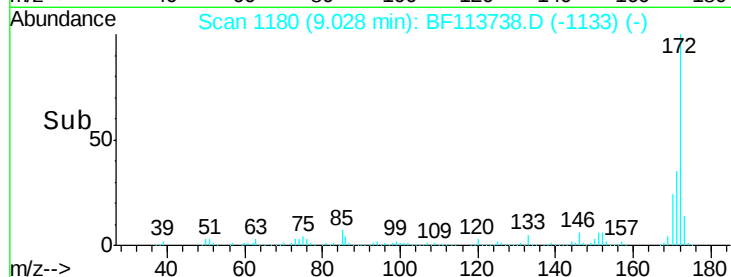
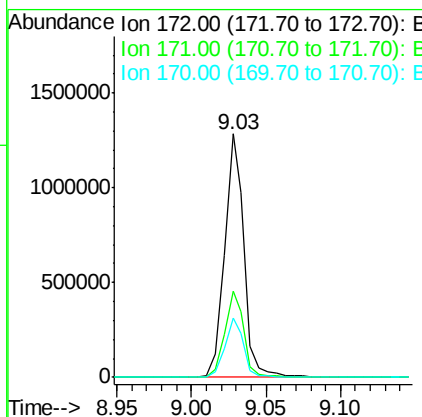
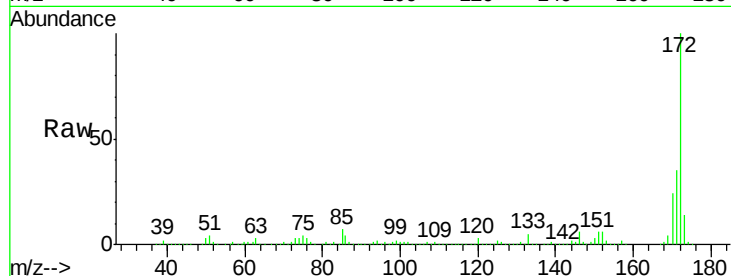




#45
2-Fluorobiphenyl
Concen: 88.298 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.02 min
Lab File: BF113738.D
Acq: 12 Apr 2019 15:02

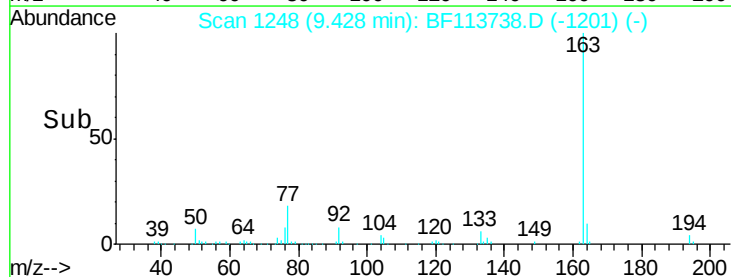
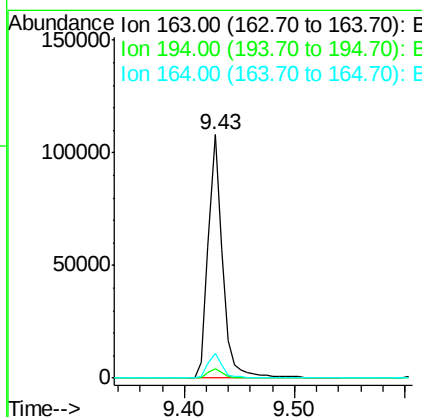
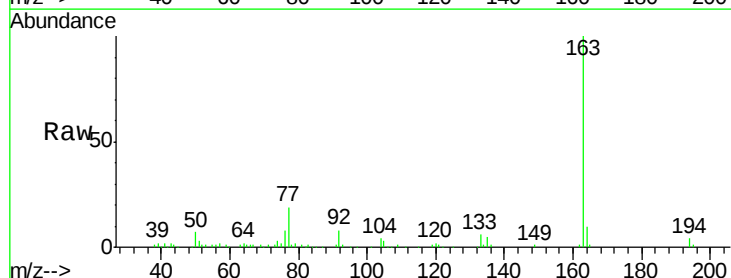
Instrument :
BNA_F
ClientSampleId :

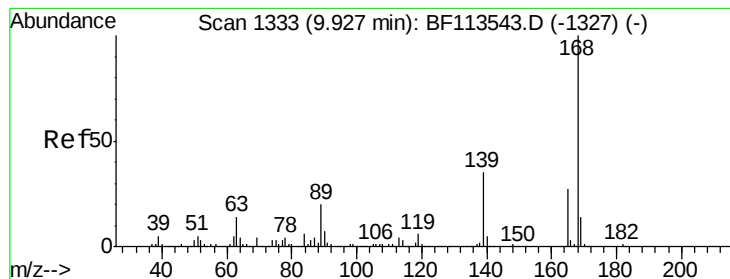
Tot Ion:172 Resp: 1178133
Ion Ratio Lower Upper
172 100
171 35.4 29.0 43.6
170 24.1 19.5 29.3



#50
Dimethylphthalate
Concen: 5.968 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.02 min
Lab File: BF113738.D
Acq: 12 Apr 2019 15:02

Tgt Ion:163 Resp: 94493
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.1 8.1 12.1





#57

2,4-Dinitrotoluene

Concen: 6.587 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.22 min

Lab File: BF113738.D

Acq: 12 Apr 2019 15:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 27805

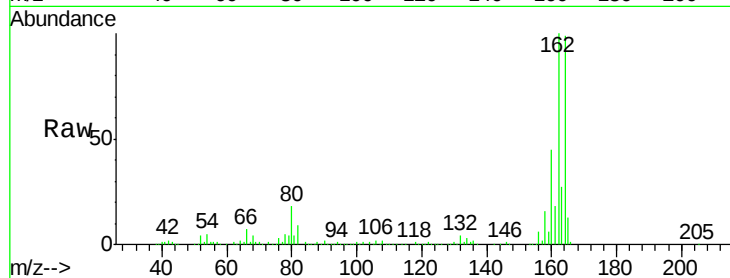
Ion Ratio Lower Upper

165 100

63 1.4 37.5 56.3#

89 1.1 57.4 86.2#

182 0.0 2.0 3.0#

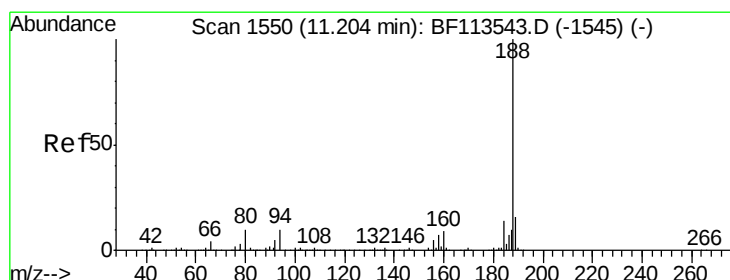
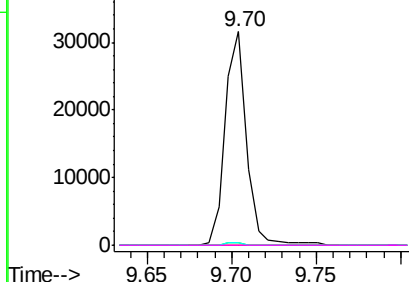
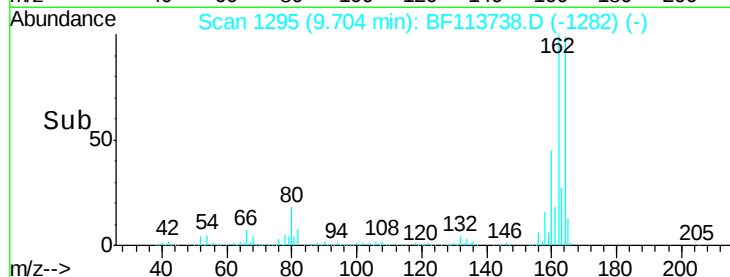


Abundance Ion 165.00 (164.70 to 165.70): E

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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.19 min Scan# 1547

Delta R.T. -0.02 min

Lab File: BF113738.D

Acq: 12 Apr 2019 15:02

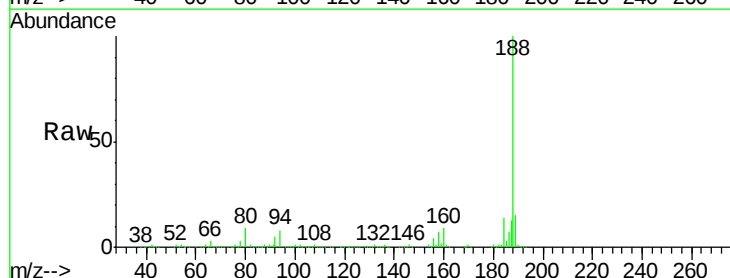
Tgt Ion:188 Resp: 439681

Ion Ratio Lower Upper

188 100

94 8.0 7.0 10.6

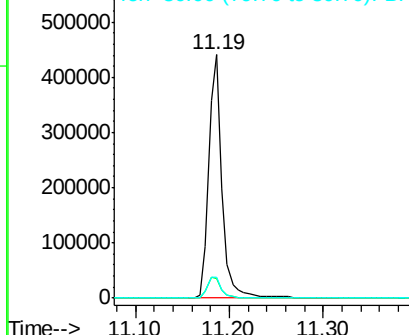
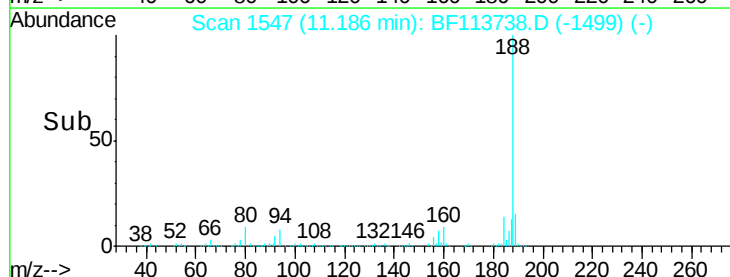
80 8.8 7.7 11.5

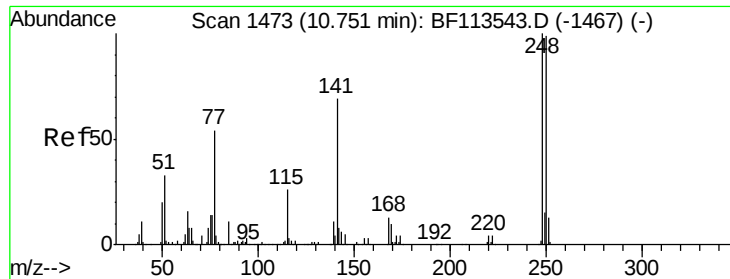


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

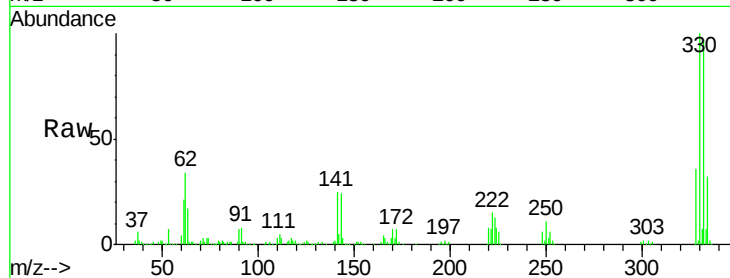




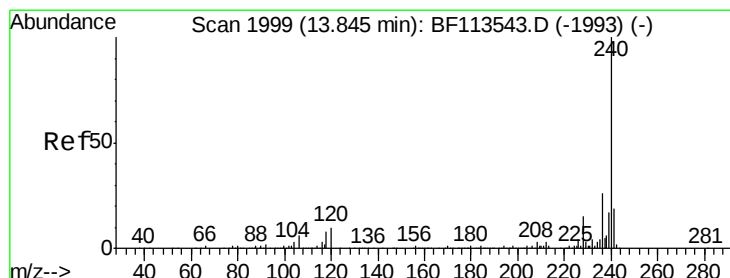
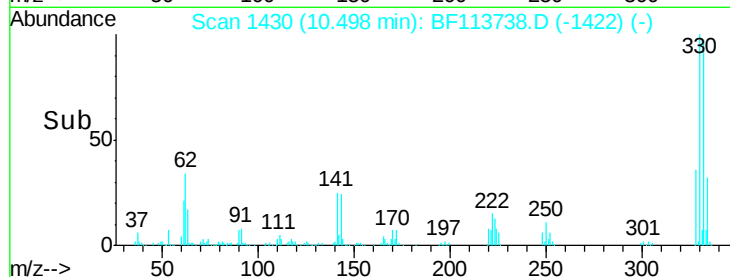
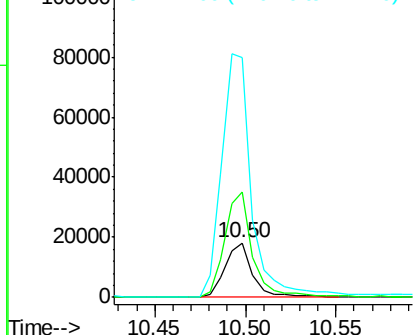
#67
 4-Bromophenyl-phenylether
 Concen: 3.907 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.25 min
 Lab File: BF113738.D
 Acq: 12 Apr 2019 15:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 19267
 Ion Ratio Lower Upper
 248 100
 250 192.9 78.3 117.5#
 141 439.0 56.2 84.4#

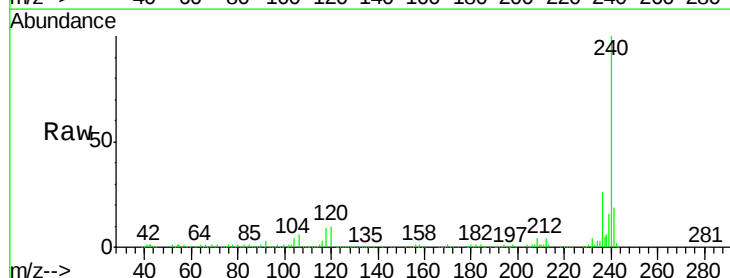


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

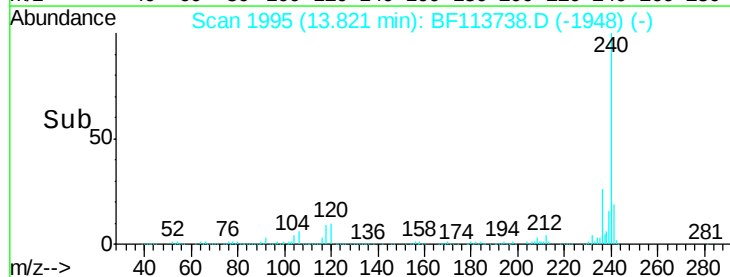
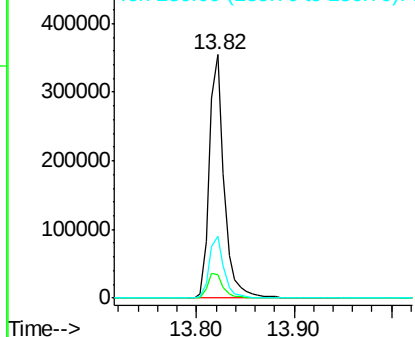


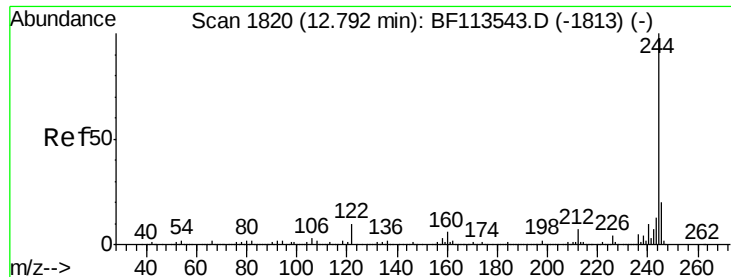
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.82 min Scan# 1995
 Delta R.T. -0.02 min
 Lab File: BF113738.D
 Acq: 12 Apr 2019 15:02

Tgt Ion:240 Resp: 371914
 Ion Ratio Lower Upper
 240 100
 120 9.7 8.8 13.2
 236 25.6 20.9 31.3



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: 76.688 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.02 min

Lab File: BF113738.D

Acq: 12 Apr 2019 15:02

Instrument :

BNA_F

ClientSampleId :

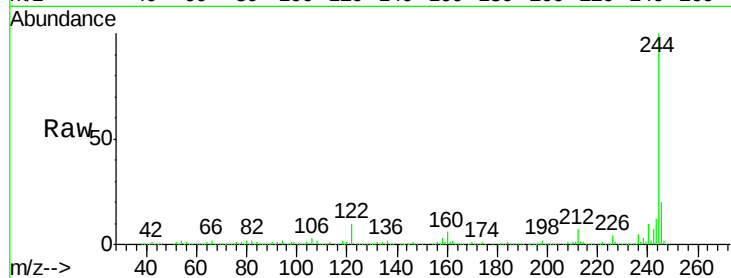
Tot Ion:244 Resp: 1400840

Ion Ratio Lower Upper

244 100

212 6.6 5.5 8.3

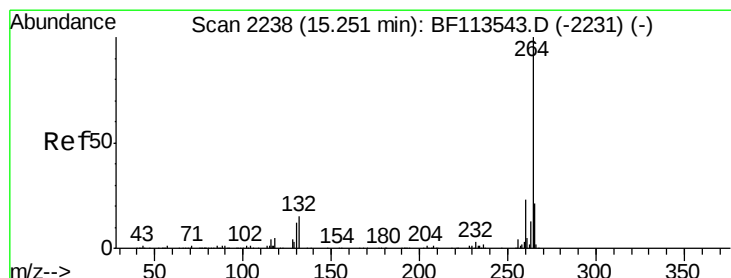
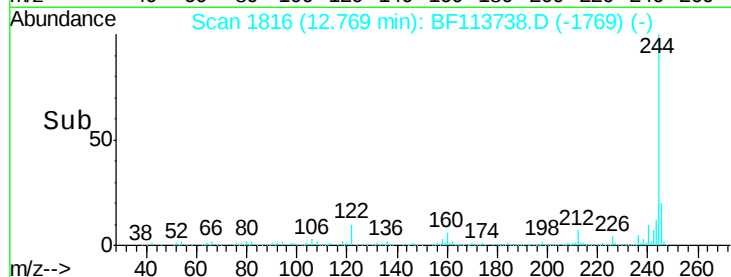
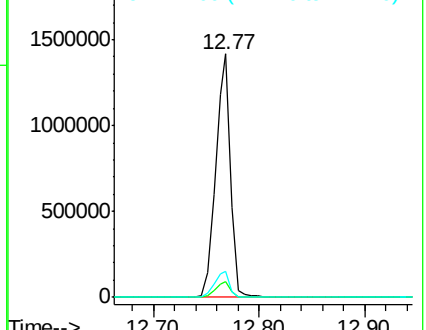
122 10.4 8.6 13.0



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: 15.23 min Scan# 2234

Delta R.T. -0.02 min

Lab File: BF113738.D

Acq: 12 Apr 2019 15:02

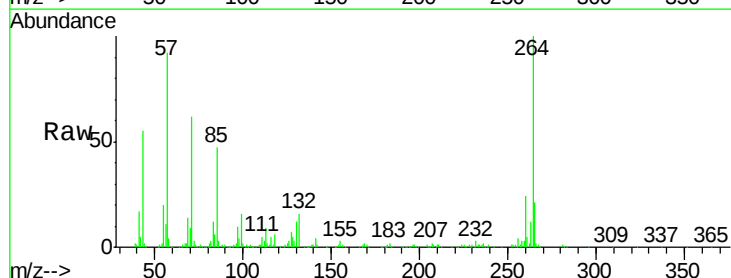
Tgt Ion:264 Resp: 322748

Ion Ratio Lower Upper

264 100

260 23.7 19.1 28.7

265 21.3 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

