

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072719\
 Data File : BF115825.D
 Acq On : 27 Jul 2019 12:42
 Operator : HP/JU
 Sample : K4011-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 29 00:59:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 25 13:16:07 2019
 Response via : Initial Calibration

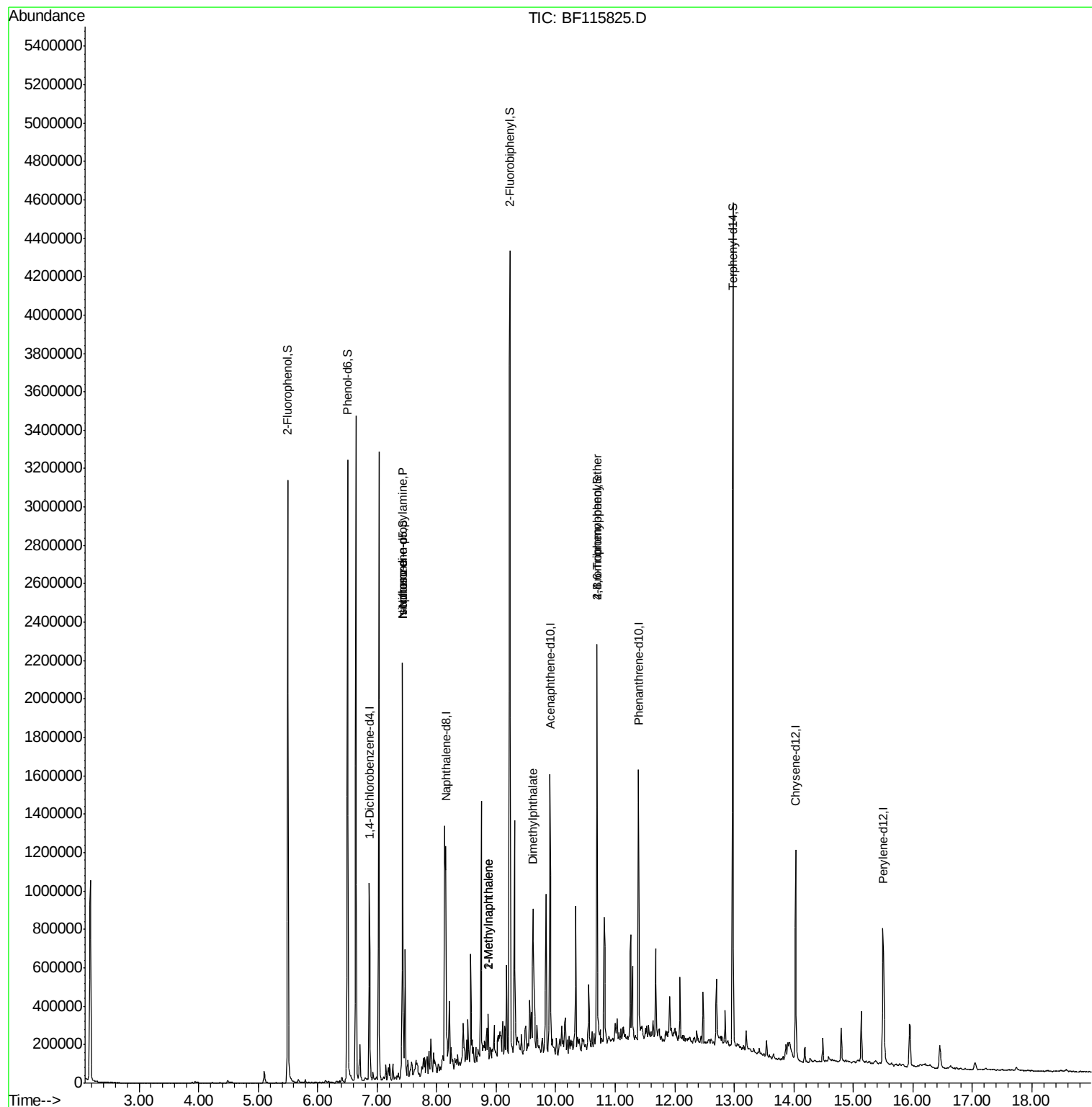
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	141281	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	538960	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	296371	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	520256	20.00	ng	0.00
76) Chrysene-d12	14.03	240	389770	20.00	ng	0.00
87) Perylene-d12	15.50	264	376430	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	930532	107.73	ng	0.00
7) Phenol-d6	6.50	99	1273030	116.16	ng	0.00
23) Nitrobenzene-d5	7.43	82	834824	90.07	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	282300	81.60	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1518162	89.66	ng	0.00
79) Terphenyl-d14	12.97	244	1726254	81.72	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	112910	15.797	ng	# 79
25) Isophorone	7.43	82	827587	44.620	ng	# 65
37) 2-Methylnaphthalene	8.86	142	68008	3.931	ng	100
38) 1-Methylnaphthalene	8.86	142	68008	4.138	ng	96
50) Dimethylphthalate	9.62	163	185155	8.304	ng	# 98
67) 4-Bromophenyl-phenylether	10.69	248	17629	2.965	ng	# 1

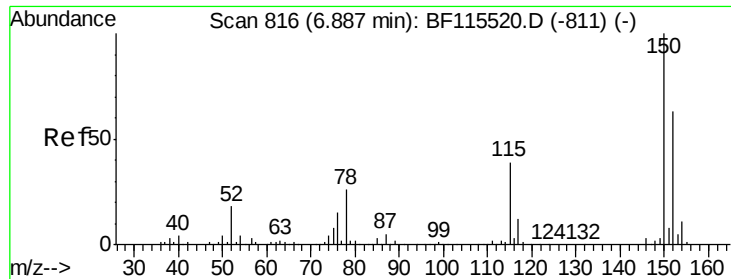
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072719\
Data File : BF115825.D
Acq On : 27 Jul 2019 12:42
Operator : HP/JU
Sample : K4011-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 29 00:59:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 25 13:16:07 2019
Response via : Initial Calibration



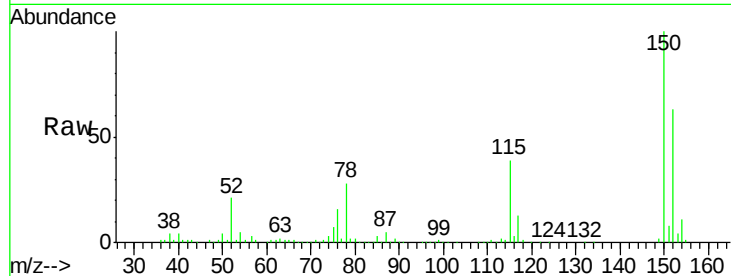


#1

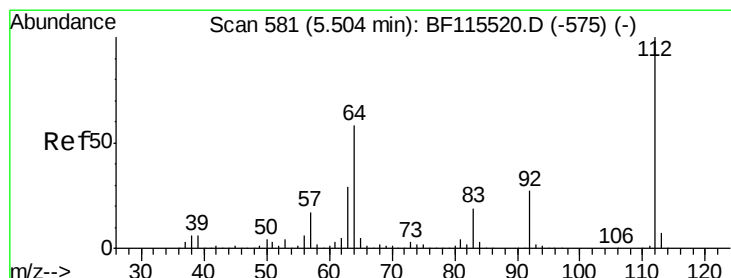
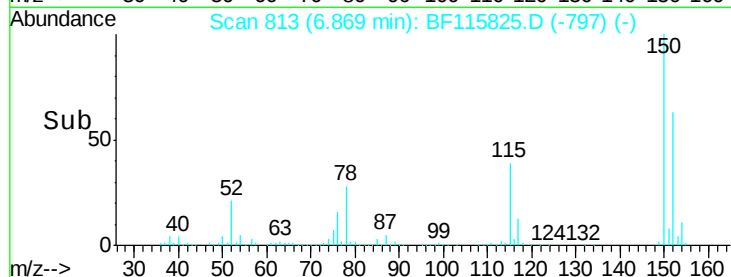
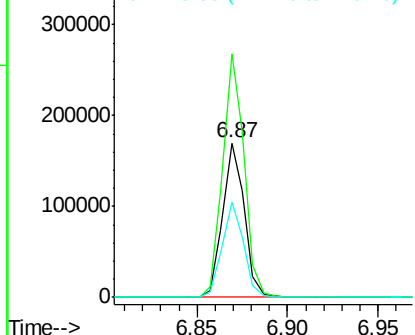
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF115825.D
 Acq: 27 Jul 2019 12:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 141281
 Ion Ratio Lower Upper
 152 100
 150 157.5 126.6 189.8
 115 61.7 47.8 71.6



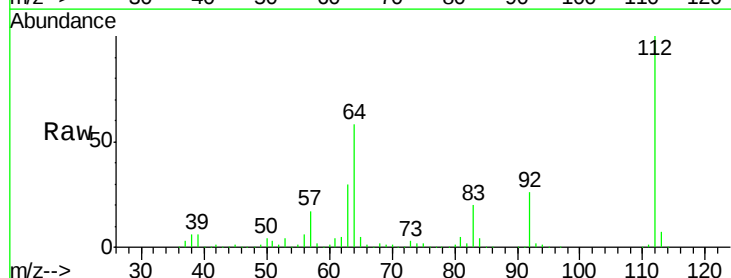
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



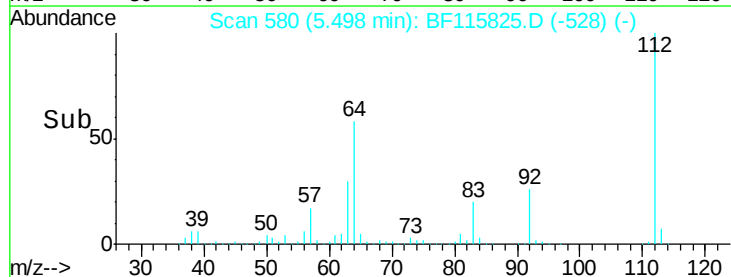
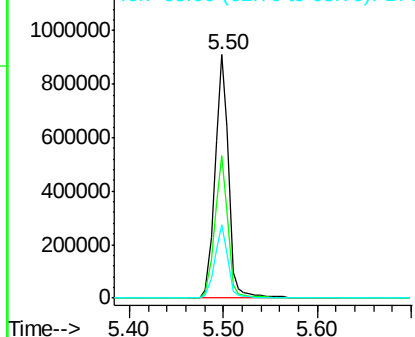
#5

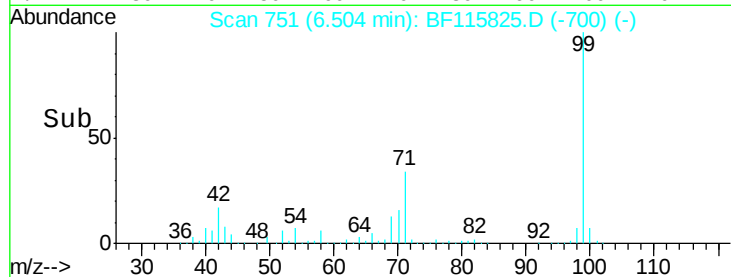
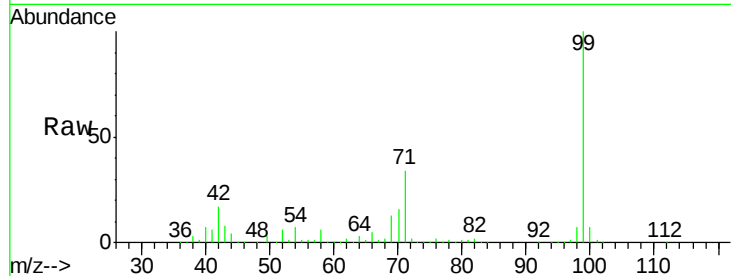
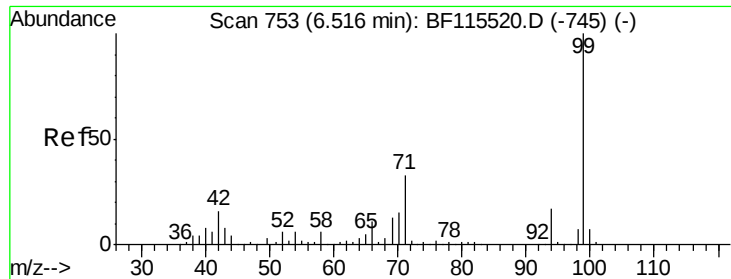
2-Fluorophenol
 Concen: 107.734 ng
 RT: 5.50 min Scan# 580
 Delta R.T. 0.01 min
 Lab File: BF115825.D
 Acq: 27 Jul 2019 12:42

Tgt Ion:112 Resp: 930532
 Ion Ratio Lower Upper
 112 100
 64 58.4 45.8 68.8
 63 30.1 23.6 35.4



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: 116.155 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF115825.D

Acq: 27 Jul 2019 12:42

Instrument :

BNA_F

ClientSampleId :

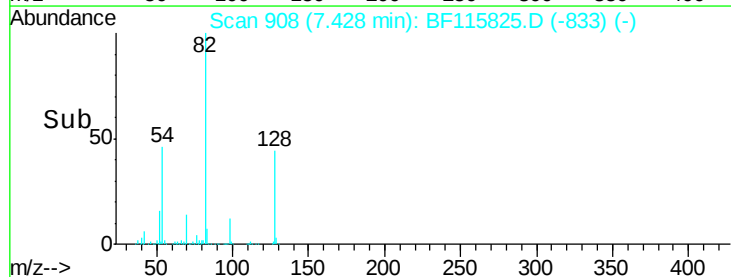
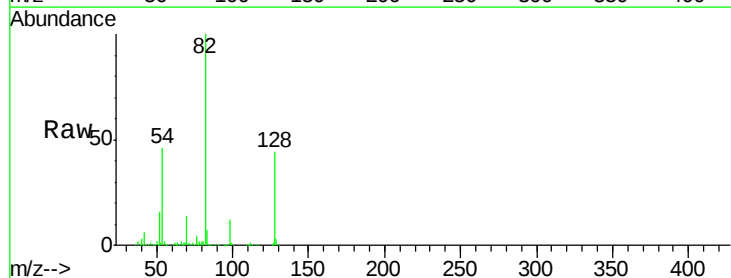
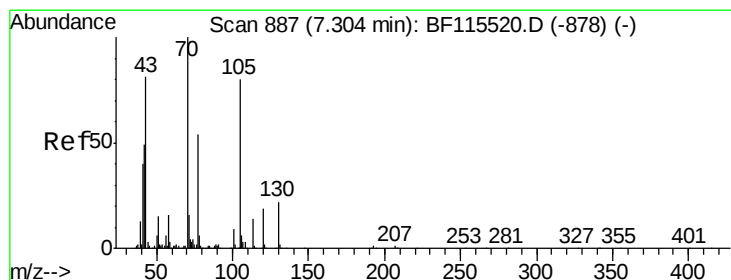
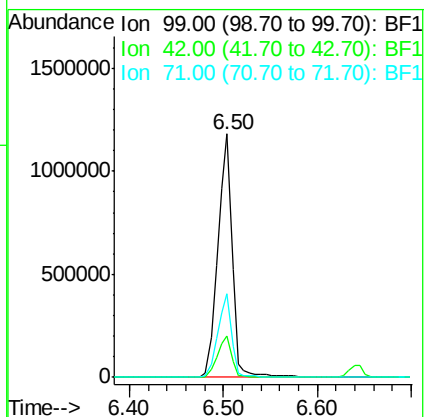
Tot Ion: 99 Resp: 1273030

Ion Ratio Lower Upper

99 100

42 17.0 13.4 20.2

71 34.2 26.7 40.1



#19

n-Nitroso-di-n-propylamine

Concen: 15.797 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.14 min

Lab File: BF115825.D

Acq: 27 Jul 2019 12:42

Tgt Ion: 70 Resp: 112910

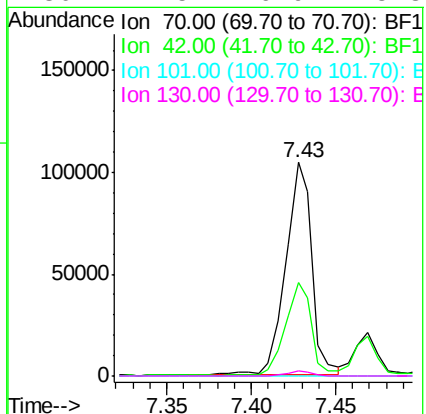
Ion Ratio Lower Upper

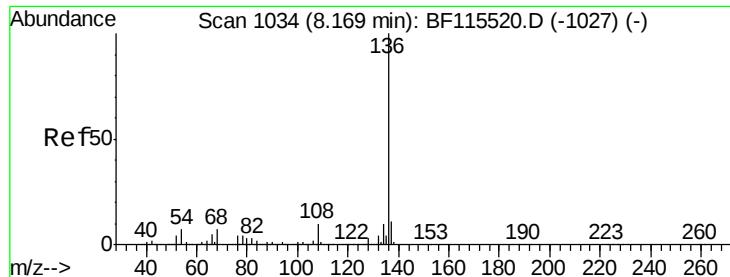
70 100

42 43.7 41.8 62.8

101 0.0 7.6 11.4#

130 2.5 16.9 25.3#

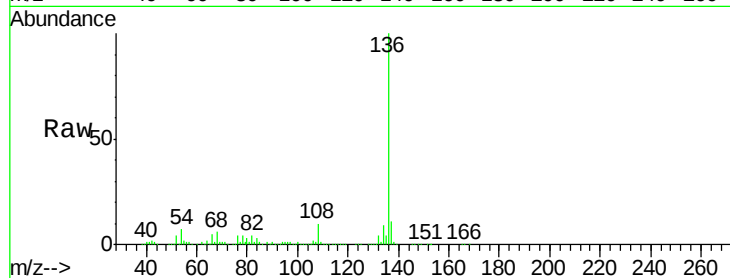




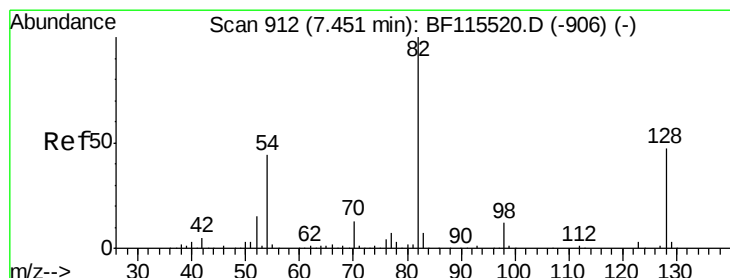
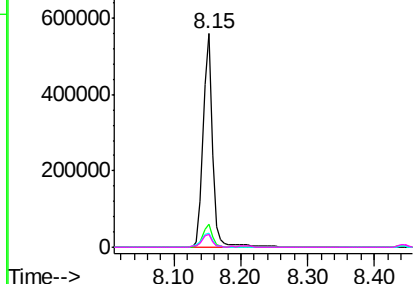
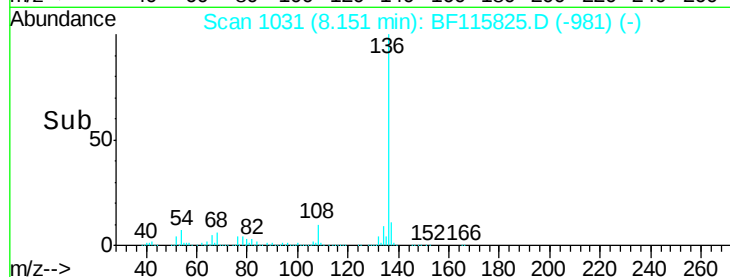
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF115825.D
Acq: 27 Jul 2019 12:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 538960
Ion Ratio	Lower Upper
136 100	
137 11.1	8.7 13.1
54 6.8	5.0 7.6
68 6.1	4.7 7.1

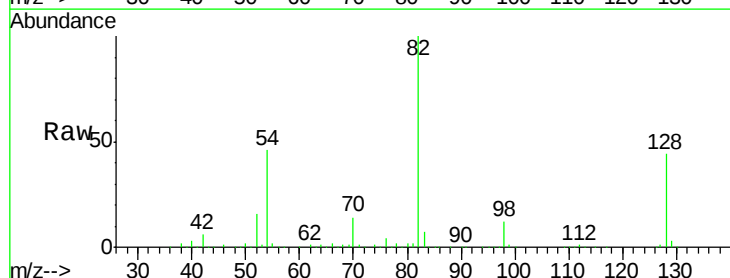


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

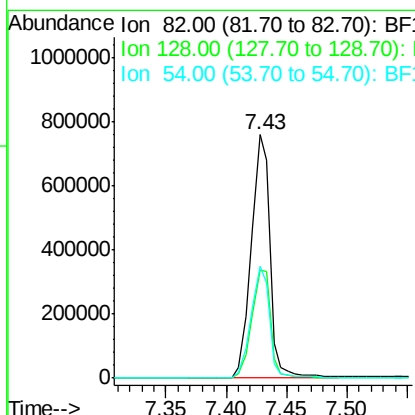
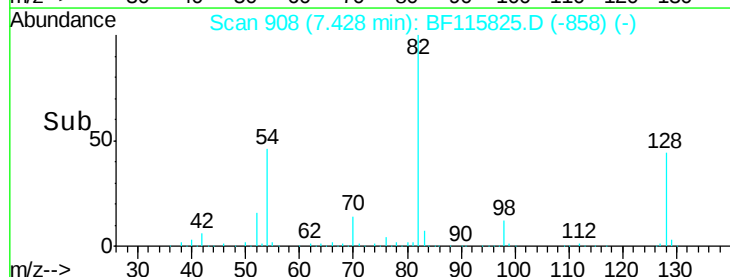


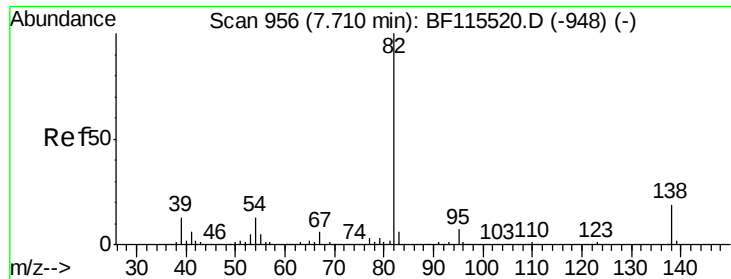
#23
Nitrobenzene-d5
Concen: 90.066 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF115825.D
Acq: 27 Jul 2019 12:42

Tgt Ion	82	Resp: Lower	834824 Upper
	Ratio 100		
128	44.4	36.6	55.0
54	45.9	36.6	54.8



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: 44.620 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.26 min

Lab File: BF115825.D

Acq: 27 Jul 2019 12:42

Instrument :

BNA_F

ClientSampleId :

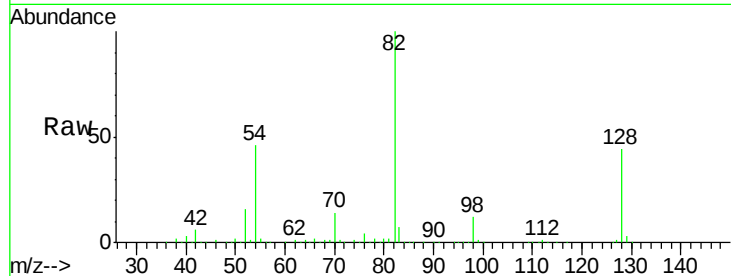
Tot Ion: 82 Resp: 827587

Ion Ratio Lower Upper

82 100

95 0.2 5.6 8.4#

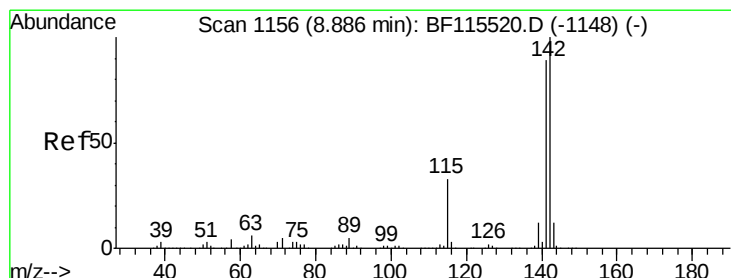
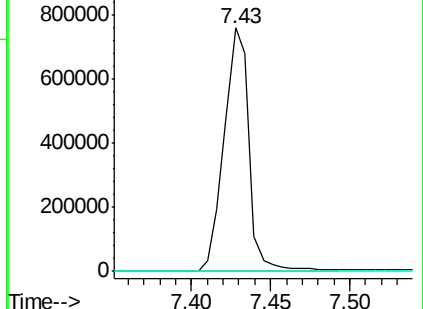
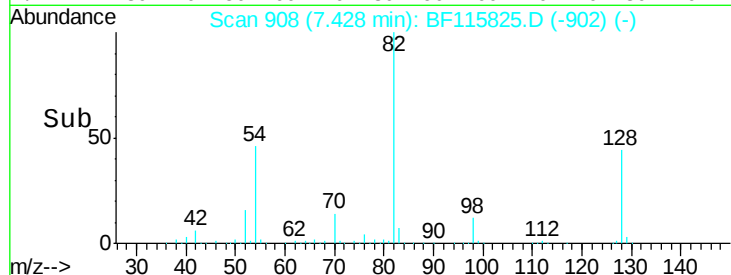
138 0.0 14.2 21.4#



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



#37

2-Methylnaphthalene

Concen: 3.931 ng

RT: 8.86 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF115825.D

Acq: 27 Jul 2019 12:42

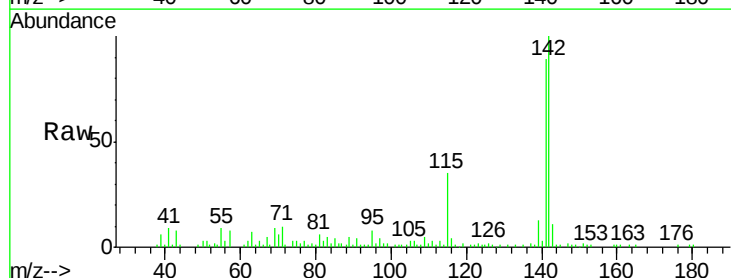
Tgt Ion: 142 Resp: 68008

Ion Ratio Lower Upper

142 100

141 88.7 71.0 106.4

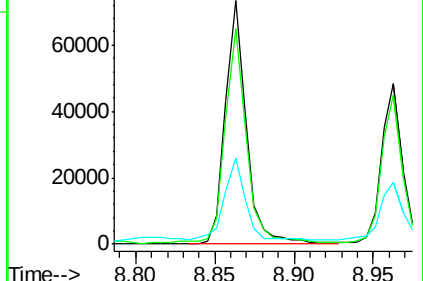
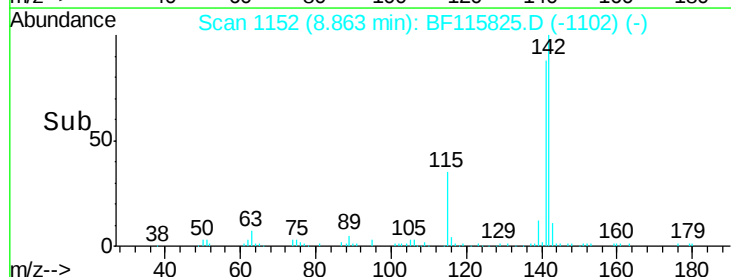
115 35.1 27.7 41.5

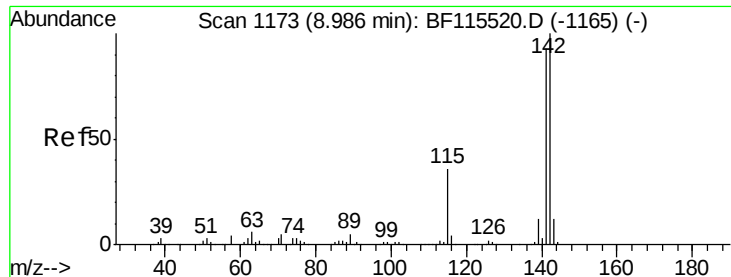


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

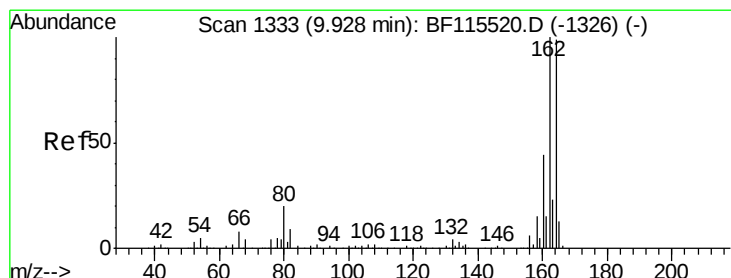
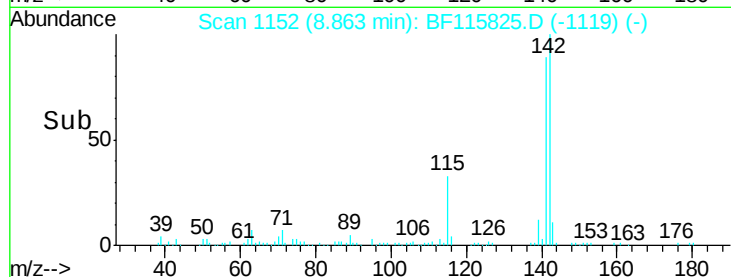
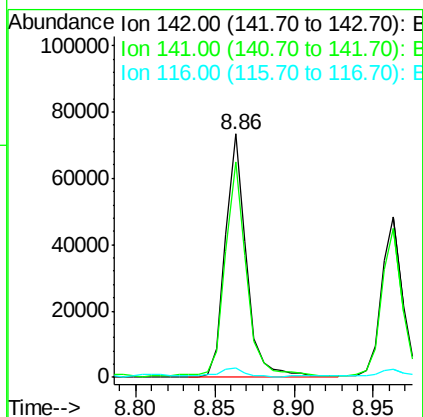
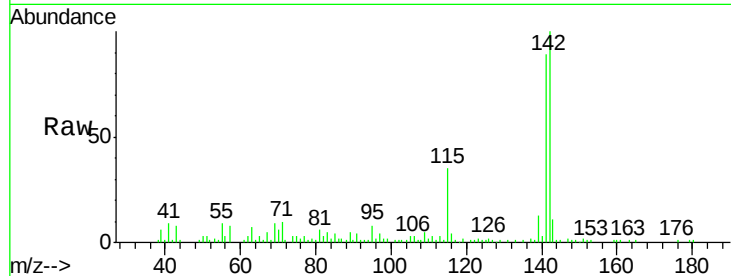




#38
1-Methylnaphthalene
Concen: 4.138 ng
RT: 8.86 min Scan# 1152
Delta R.T. -0.11 min
Lab File: BF115825.D
Acq: 27 Jul 2019 12:42

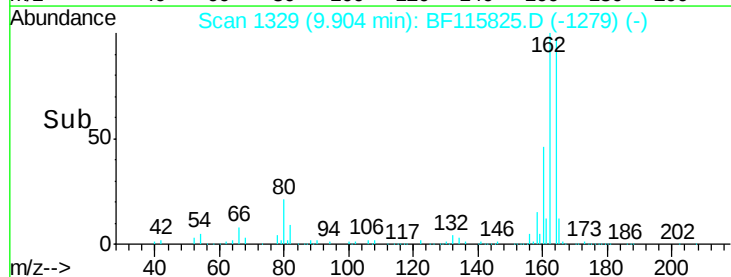
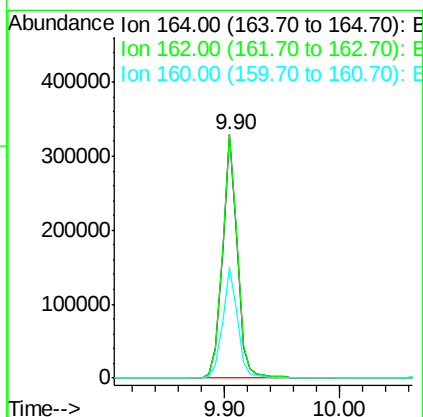
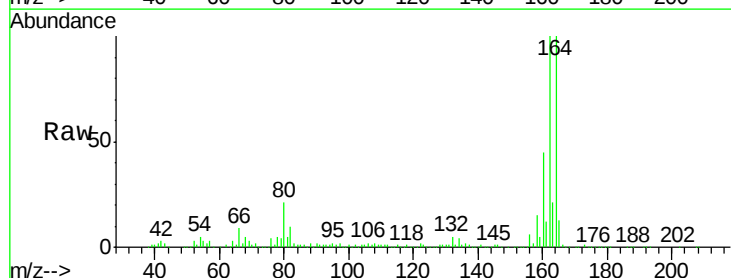
Instrument :
BNA_F
ClientSampleId :

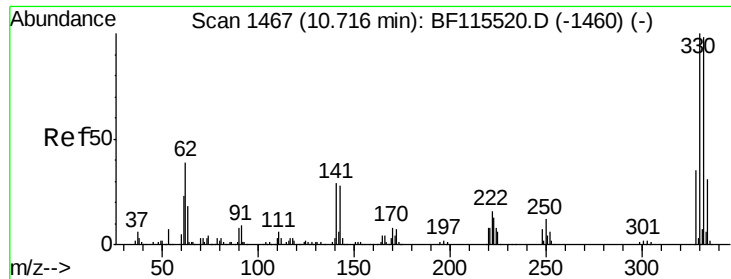
Tot Ion:142 Resp: 68008
Ion Ratio Lower Upper
142 100
141 88.7 73.9 110.9
116 4.0 3.0 4.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF115825.D
Acq: 27 Jul 2019 12:42

Tgt Ion:164 Resp: 296371
Ion Ratio Lower Upper
164 100
162 99.8 81.8 122.6
160 45.4 37.5 56.3

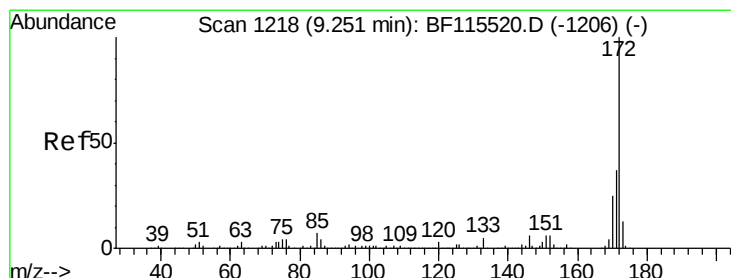
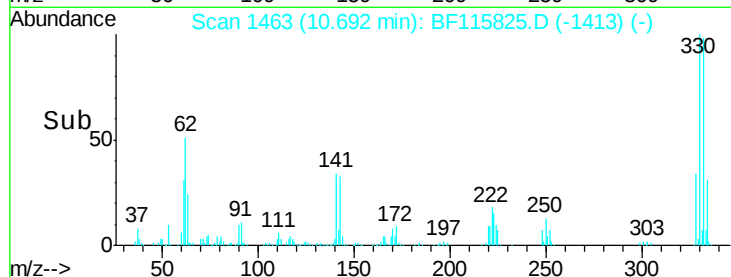
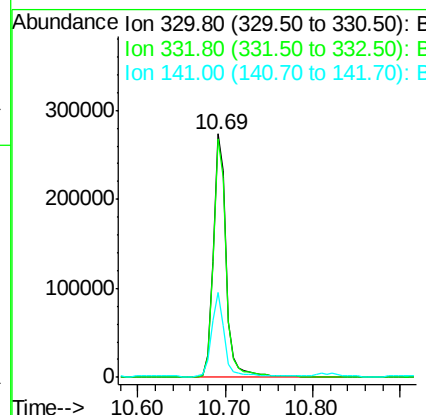
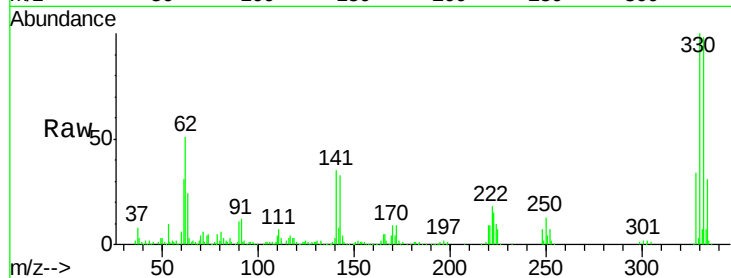




#42
 2,4,6-Tribromophenol
 Concen: 81.605 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF115825.D
 Acq: 27 Jul 2019 12:42

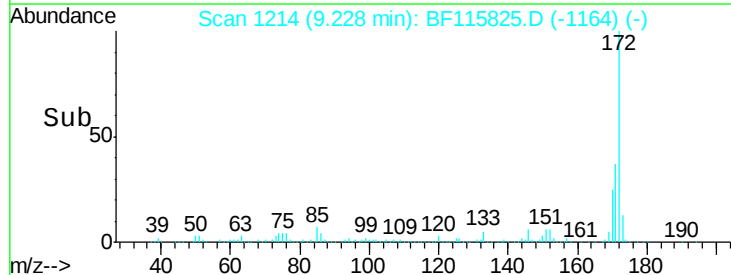
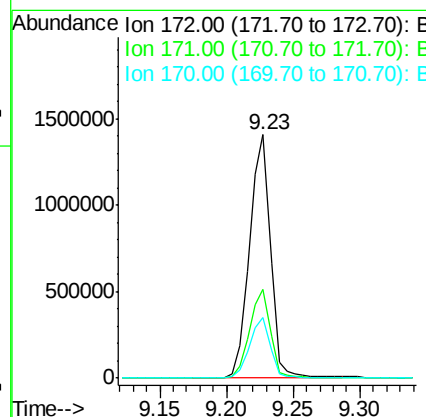
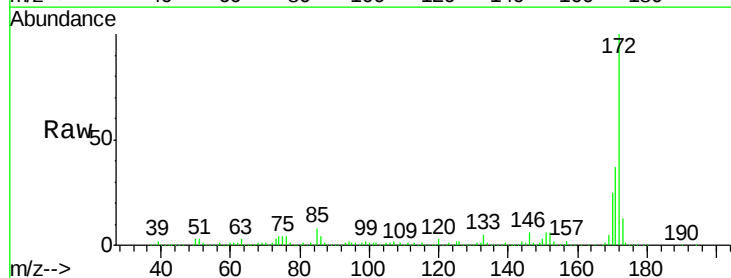
Instrument :
 BNA_F
 ClientSampleId :

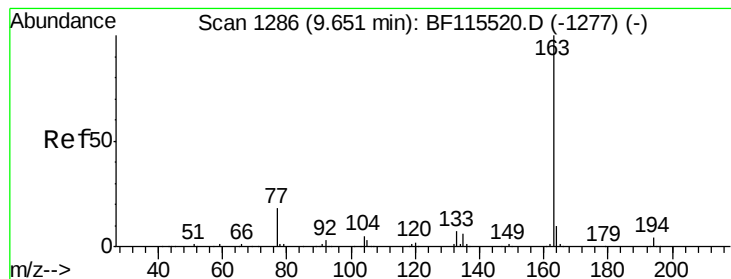
Tot Ion:330 Resp: 282300
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.1 114.1
 141 33.4 25.9 38.9



#45
 2-Fluorobiphenyl
 Concen: 89.658 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF115825.D
 Acq: 27 Jul 2019 12:42

Tgt Ion:172 Resp: 1518162
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.0 43.4
 170 25.0 20.1 30.1





#50

Dimethylphthalate

Concen: 8.304 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.02 min

Lab File: BF115825.D

Acq: 27 Jul 2019 12:42

Instrument :

BNA_F

ClientSampled :

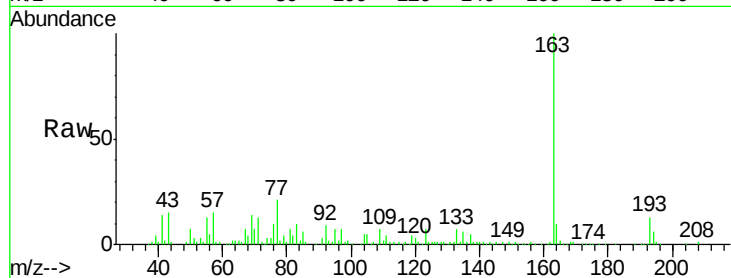
Tot Ion:163 Resp: 185155

Ion Ratio Lower Upper

163 100

194 5.9 3.2 4.8#

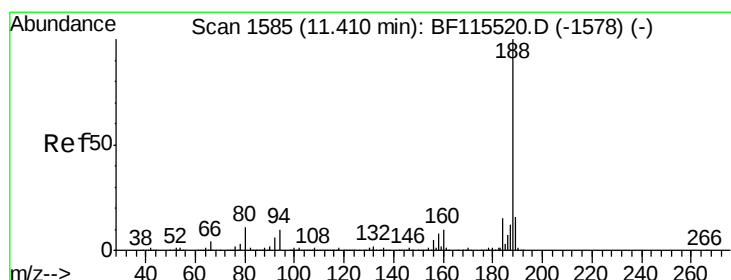
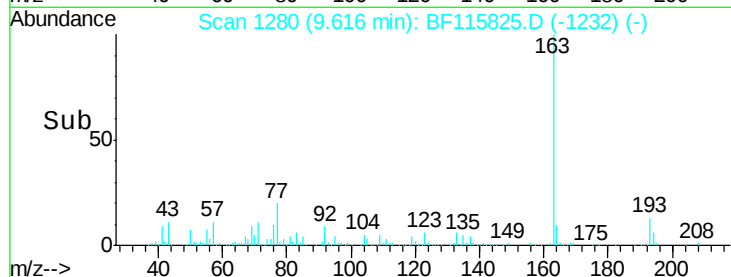
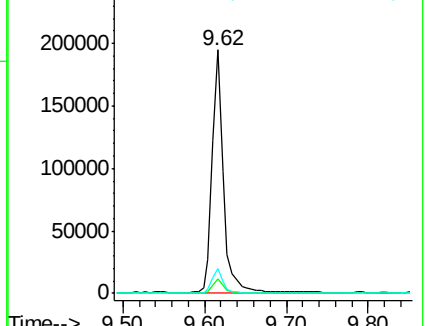
164 10.1 8.3 12.5



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.39 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BF115825.D

Acq: 27 Jul 2019 12:42

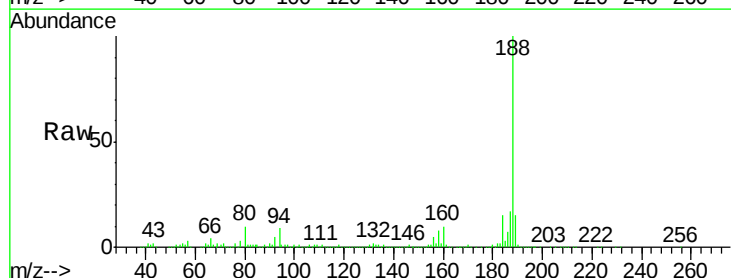
Tgt Ion:188 Resp: 520256

Ion Ratio Lower Upper

188 100

94 9.2 8.2 12.2

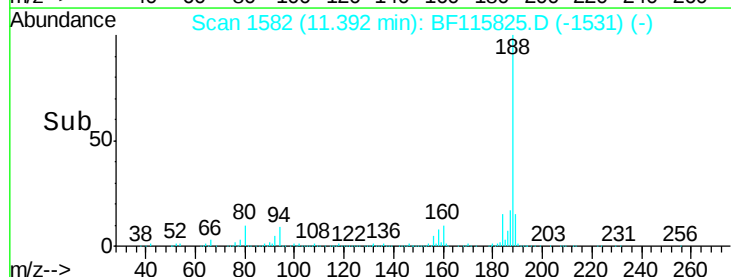
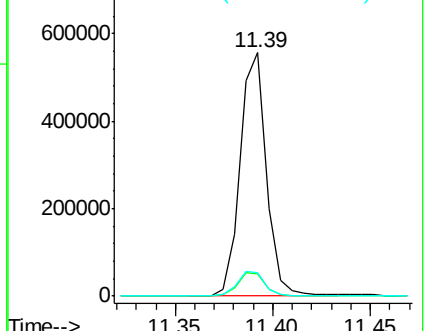
80 9.8 9.0 13.6

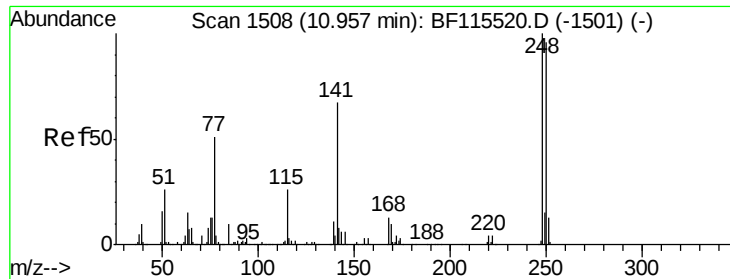


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

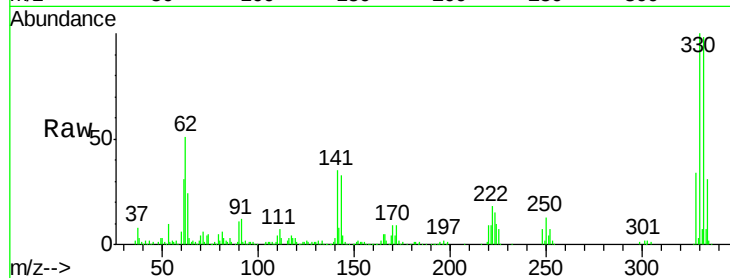




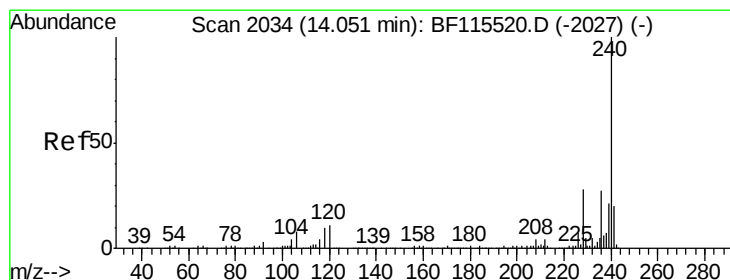
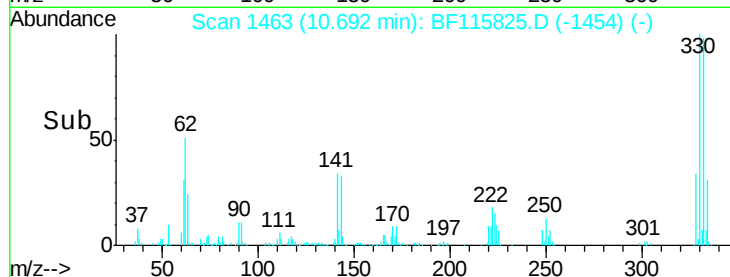
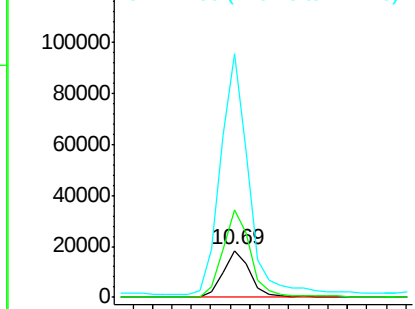
#67
 4-Bromophenyl-phenylether
 Concen: 2.965 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.25 min
 Lab File: BF115825.D
 Acq: 27 Jul 2019 12:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 17629
 Ion Ratio Lower Upper
 248 100
 250 186.6 77.0 115.4#
 141 517.0 52.1 78.1#

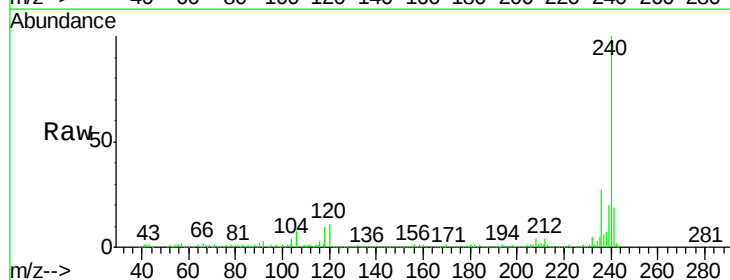


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

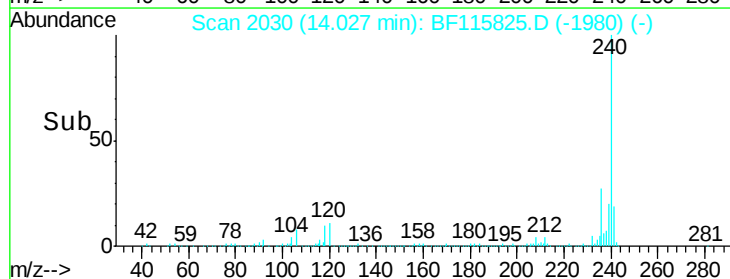
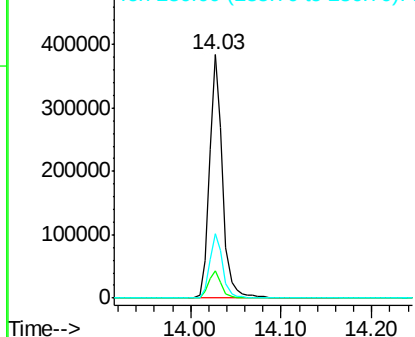


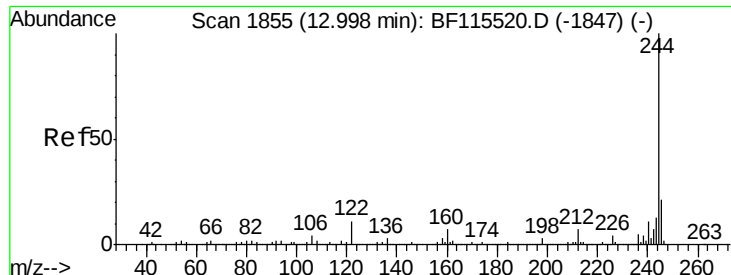
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF115825.D
 Acq: 27 Jul 2019 12:42

Tgt Ion:240 Resp: 389770
 Ion Ratio Lower Upper
 240 100
 120 11.4 10.0 15.0
 236 26.6 21.8 32.6



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: 81.721 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BF115825.D

Acq: 27 Jul 2019 12:42

Instrument :

BNA_F

ClientSampleId :

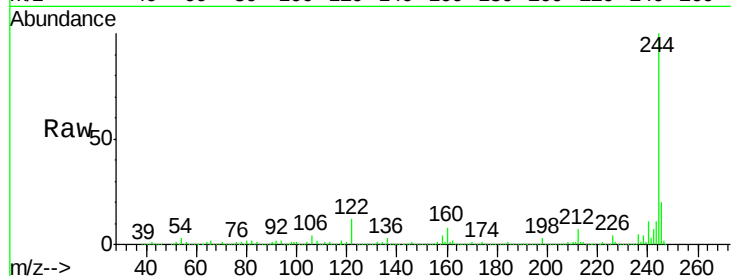
Tot Ion:244 Resp: 1726254

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

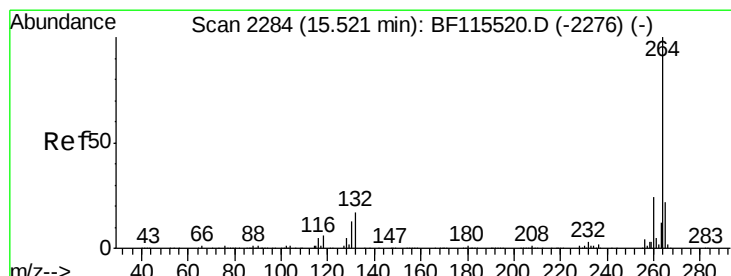
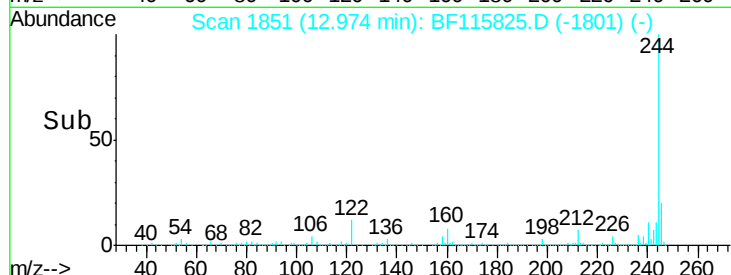
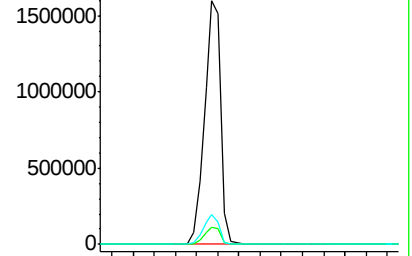
122 12.2 8.2 12.4



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: 15.50 min Scan# 2280

Delta R.T. 0.00 min

Lab File: BF115825.D

Acq: 27 Jul 2019 12:42

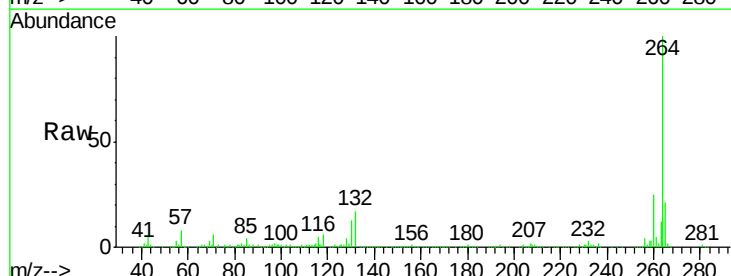
Tgt Ion:264 Resp: 376430

Ion Ratio Lower Upper

264 100

260 24.6 19.8 29.6

265 21.3 17.5 26.3



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

