

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
 Data File : BF115049.D
 Acq On : 14 Jun 2019 19:32
 Operator : HP/JU
 Sample : K3369-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 15 04:52:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 12 15:42:37 2019
 Response via : Initial Calibration

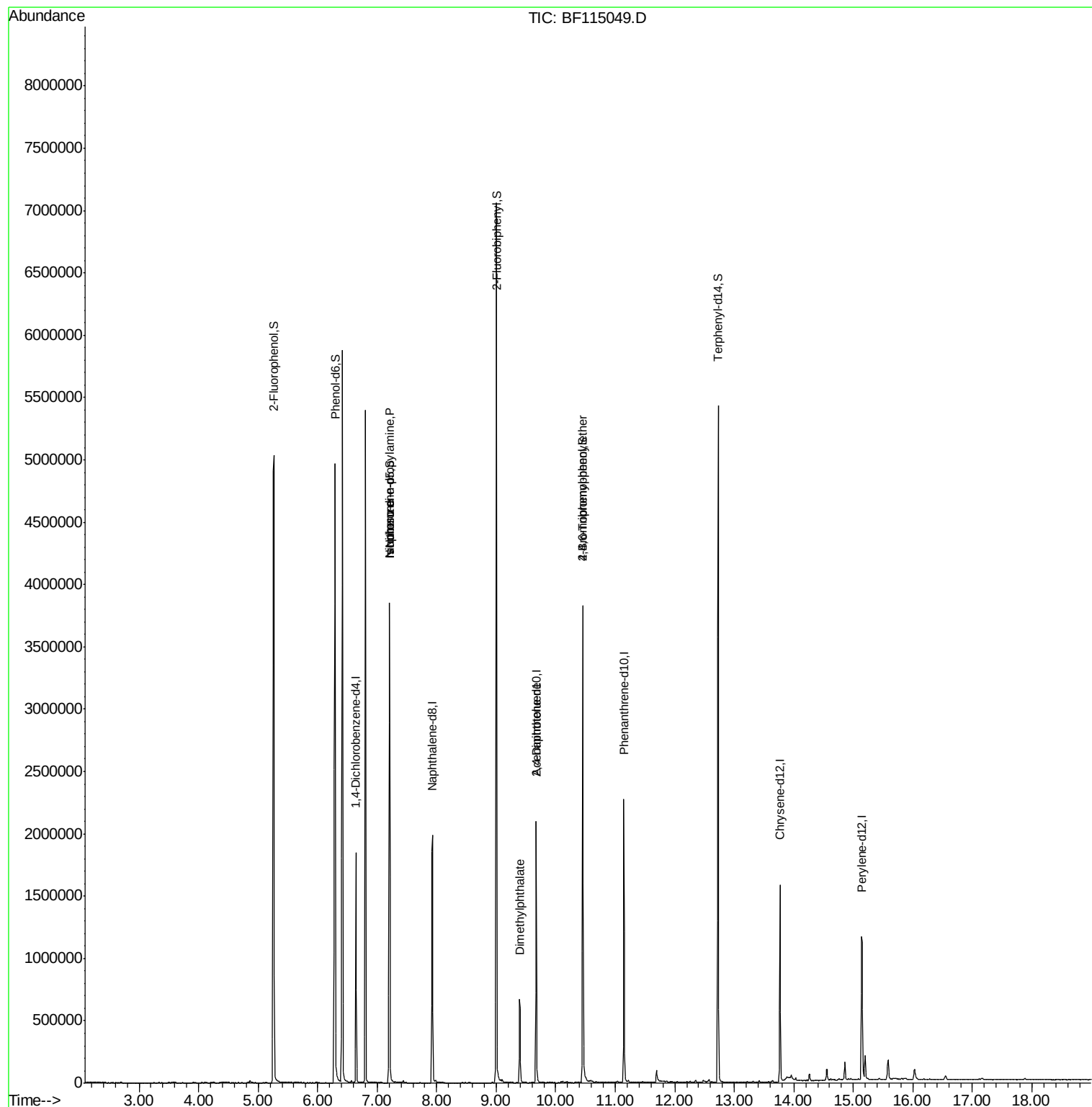
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	268895	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1000459	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	460232	20.00	ng	-0.01
64) Phenanthrene-d10	11.15	188	812631	20.00	ng	-0.01
76) Chrysene-d12	13.77	240	552527	20.00	ng	-0.01
87) Perylene-d12	15.14	264	534724	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1808110	112.28	ng	0.00
7) Phenol-d6	6.29	99	2249662	115.81	ng	0.00
23) Nitrobenzene-d5	7.21	82	1373569	82.64	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	494162	100.27	ng	-0.01
45) 2-Fluorobiphenyl	9.00	172	2324580	85.60	ng	0.00
79) Terphenyl-d14	12.73	244	2023646	68.89	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.29	77	3735	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.21	70	180330	15.279 ng	#	77
25) Isophorone	7.21	82	1343154	43.146 ng	#	62
50) Dimethylphthalate	9.39	163	308077	8.901 ng		98
57) 2,4-Dinitrotoluene	9.67	165	58951	5.899 ng	#	29
58) Fluorene	10.46	166	22635	Below Cal	#	93
67) 4-Bromophenyl-phenylether	10.46	248	31738	3.637 ng	#	1

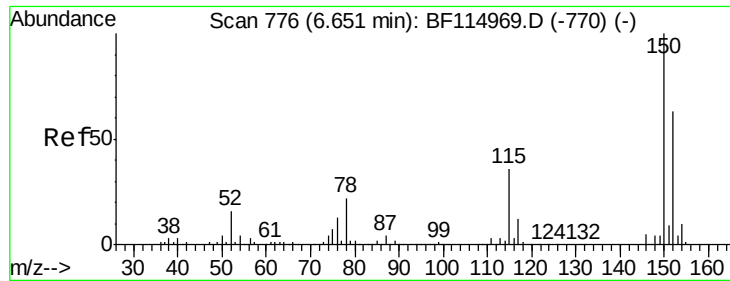
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



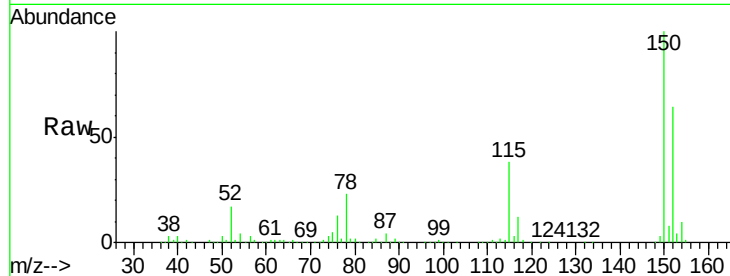


#1

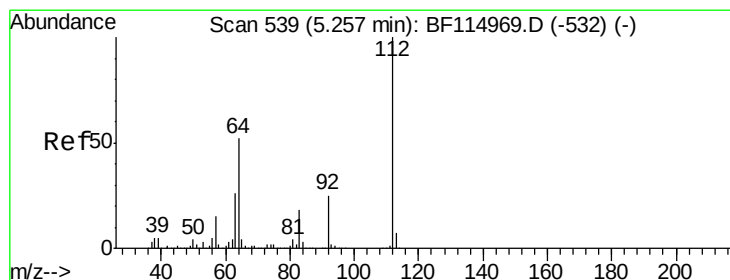
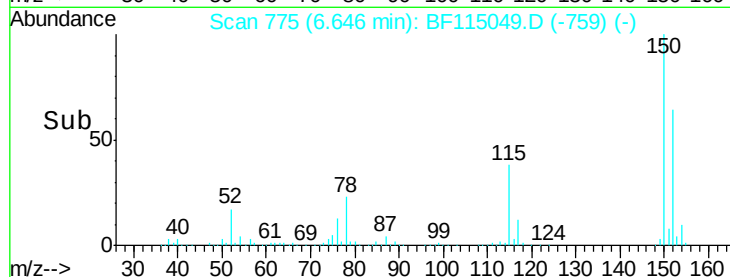
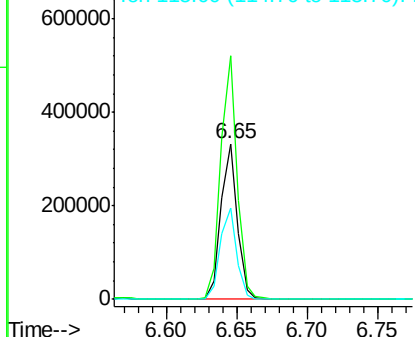
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF115049.D
Acq: 14 Jun 2019 19:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	127.4	191.0
115	58.7	46.0	69.0



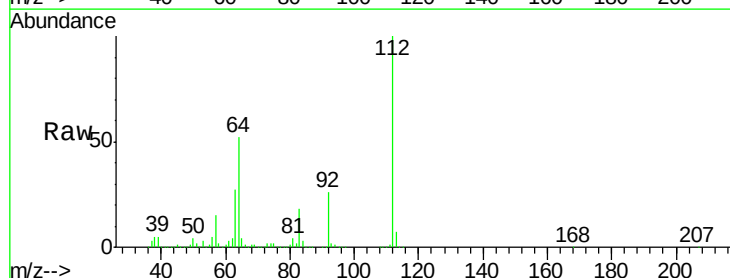
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



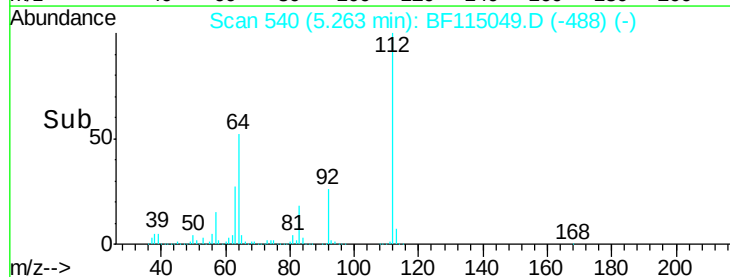
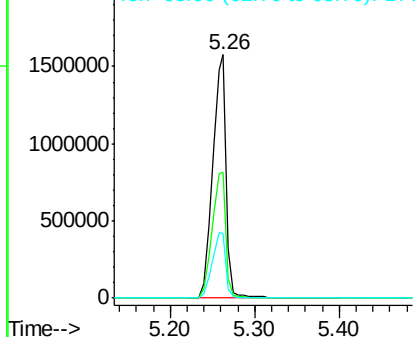
#5

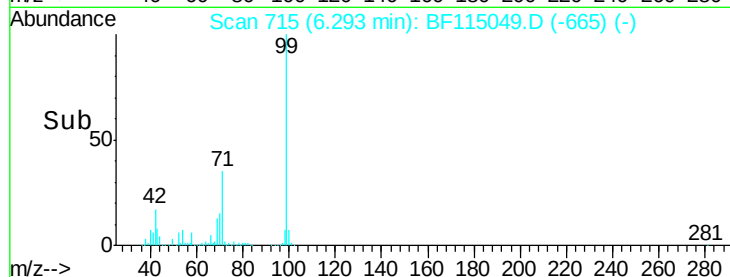
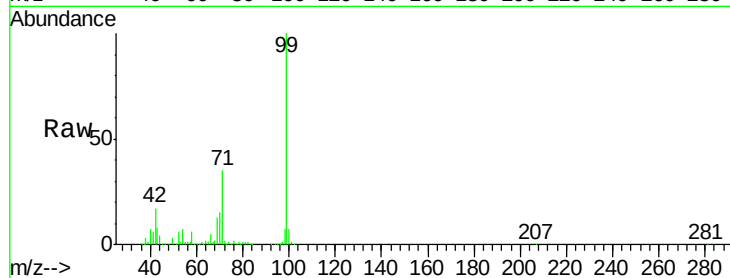
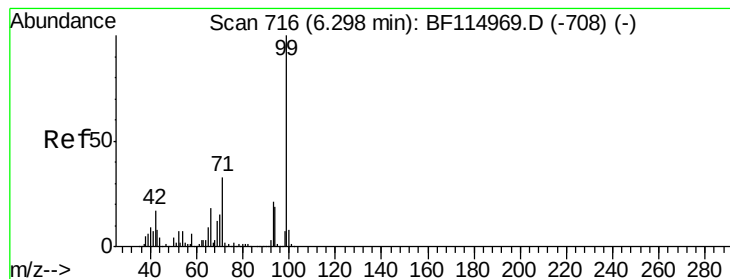
2-Fluorophenol
Concen: 112.280 ng
RT: 5.26 min Scan# 540
Delta R.T. 0.01 min
Lab File: BF115049.D
Acq: 14 Jun 2019 19:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.7	41.6	62.4
63	26.6	20.9	31.3



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: 115.810 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF115049.D

Acq: 14 Jun 2019 19:32

Instrument :

BNA_F

ClientSampled :

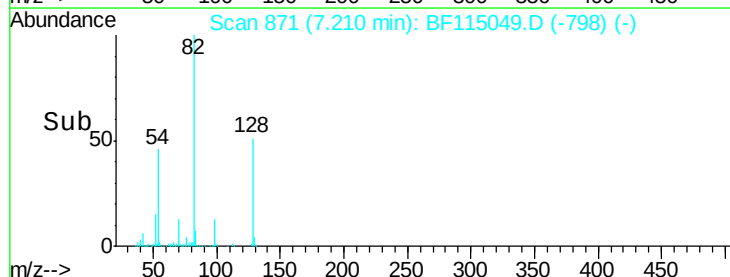
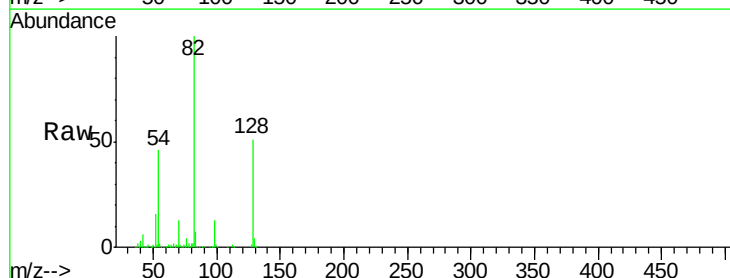
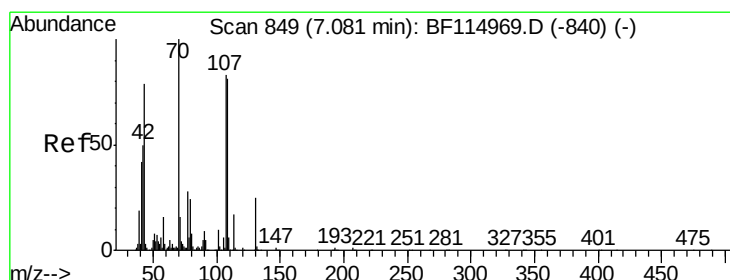
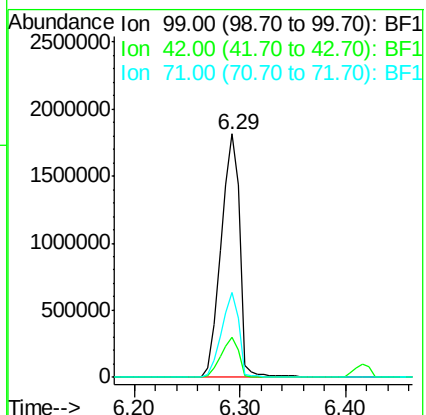
Tot Ion: 99 Resp: 2249662

Ion Ratio Lower Upper

99 100

42 16.6 13.4 20.2

71 34.8 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 15.279 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.13 min

Lab File: BF115049.D

Acq: 14 Jun 2019 19:32

Tgt Ion: 70 Resp: 180330

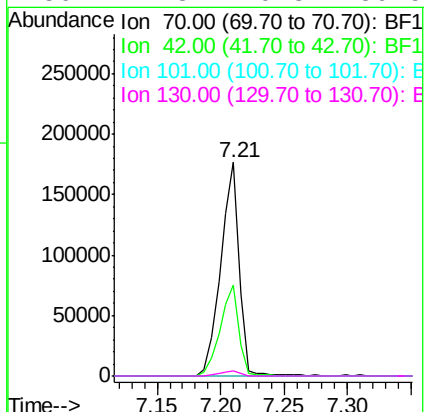
Ion Ratio Lower Upper

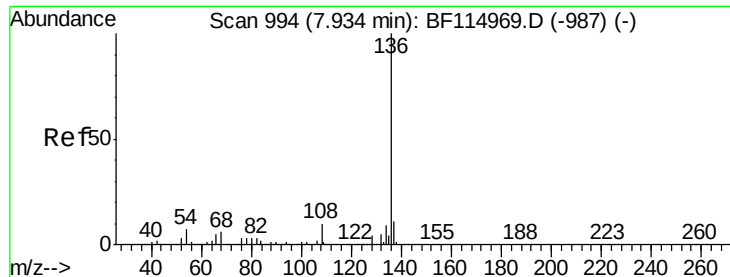
70 100

42 42.6 40.3 60.5

101 0.0 8.2 12.4#

130 2.3 20.3 30.5#

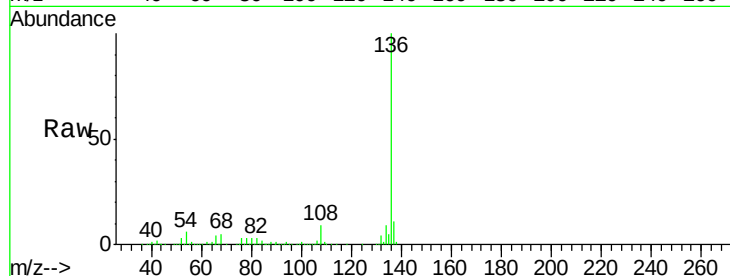




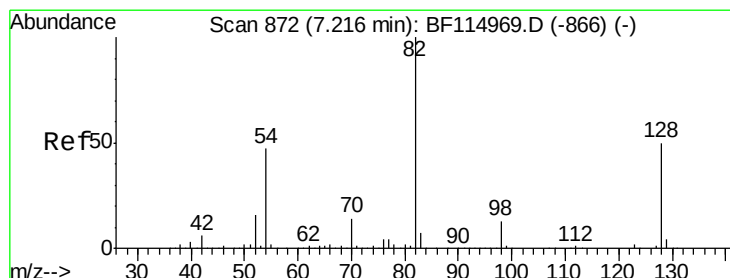
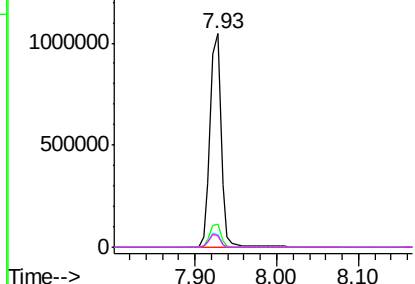
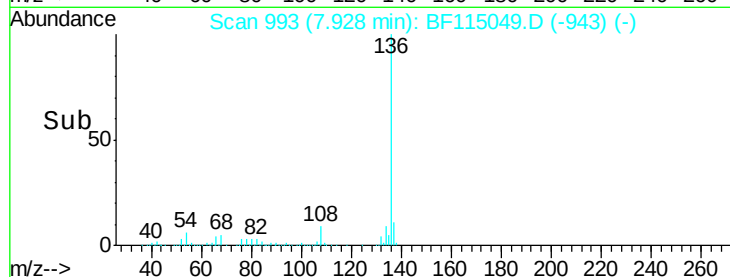
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF115049.D
Acq: 14 Jun 2019 19:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 1000459
Ion Ratio	Lower Upper
136 100	
137 11.0	9.0 13.4
54 5.8	5.4 8.0
68 5.3	4.6 7.0

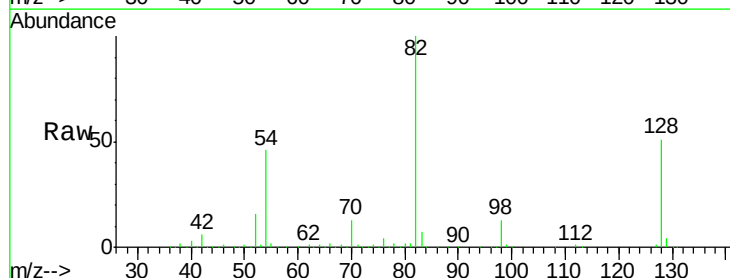


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

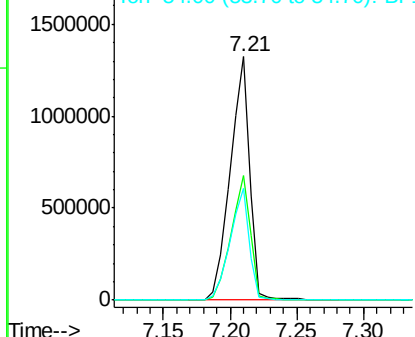
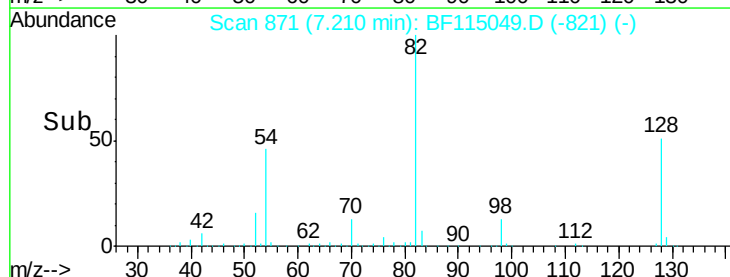


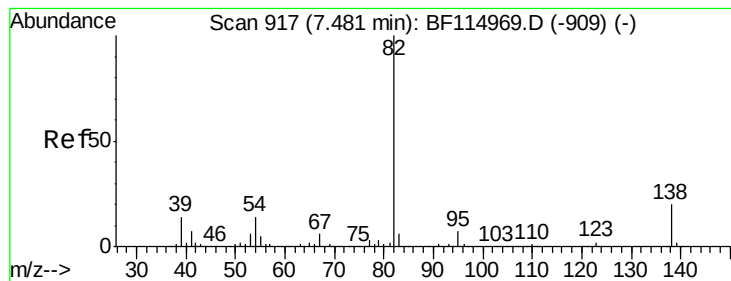
#23
Nitrobenzene-d5
Concen: 82.640 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF115049.D
Acq: 14 Jun 2019 19:32

Tgt Ion: 82	Resp: 1373569
Ion Ratio	Lower Upper
82 100	
128 51.0	39.9 59.9
54 46.1	37.3 55.9



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: 43.146 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.27 min

Lab File: BF115049.D

Acq: 14 Jun 2019 19:32

Instrument :

BNA_F

ClientSampleId :

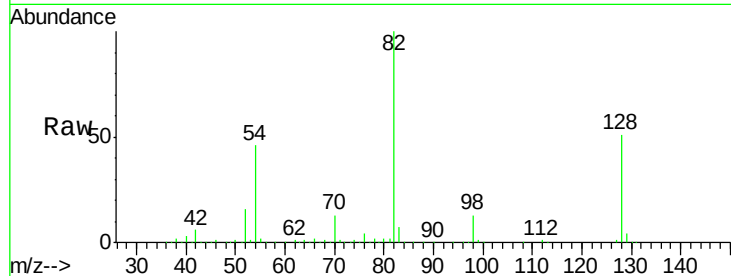
Tot Ion: 82 Resp: 1343154

Ion Ratio Lower Upper

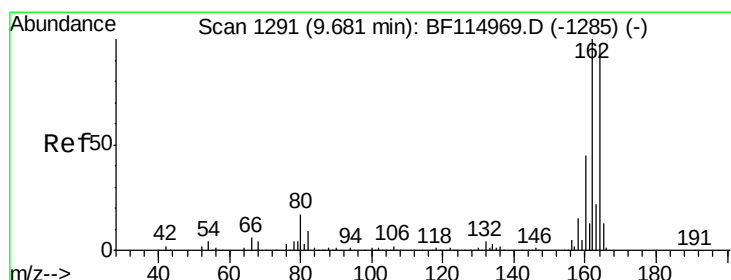
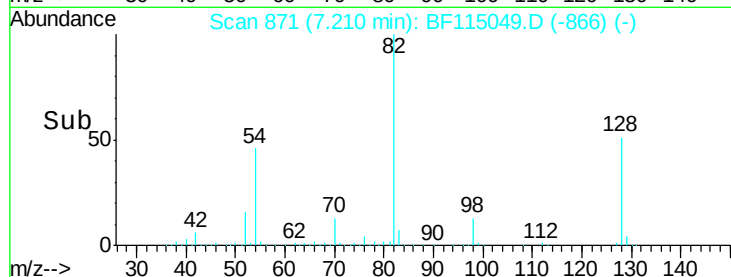
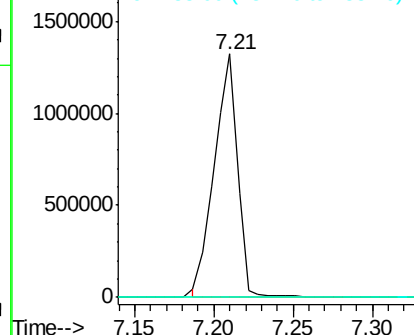
82 100

95 0.0 5.6 8.4#

138 0.0 16.1 24.1#



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: 9.67 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BF115049.D

Acq: 14 Jun 2019 19:32

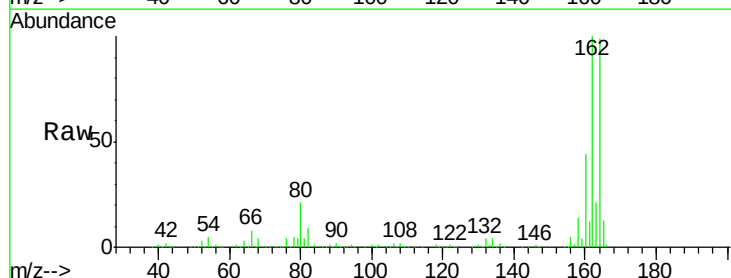
Tgt Ion:164 Resp: 460232

Ion Ratio Lower Upper

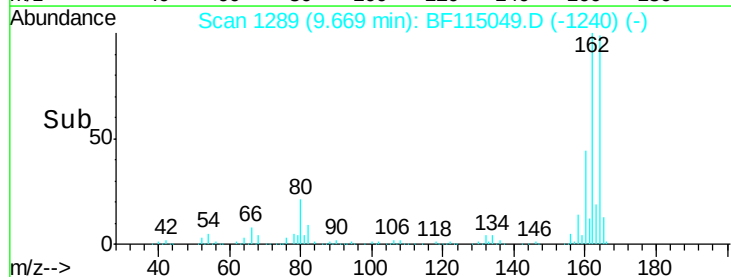
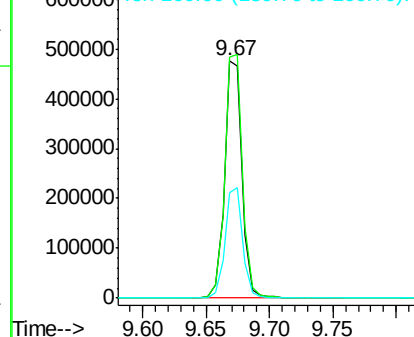
164 100

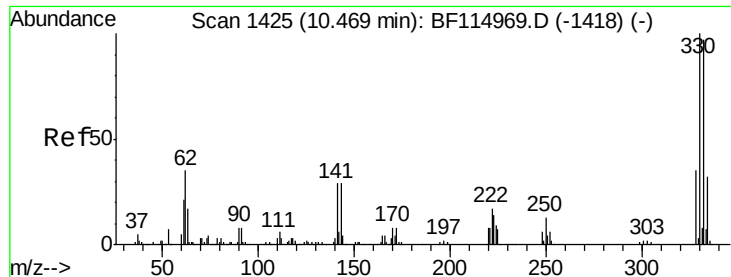
162 101.3 82.6 124.0

160 44.2 36.9 55.3



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: 100.267 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF115049.D

Acq: 14 Jun 2019 19:32

Instrument :

BNA_F

ClientSampleId :

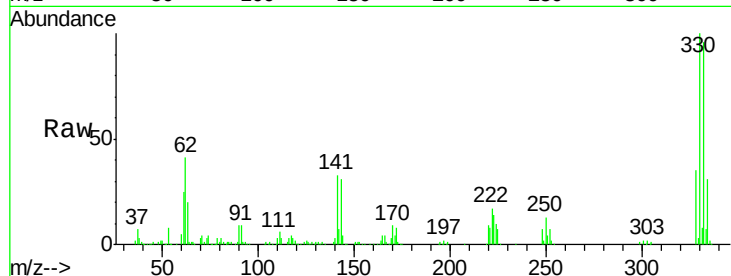
Tot Ion:330 Resp: 494162

Ion Ratio Lower Upper

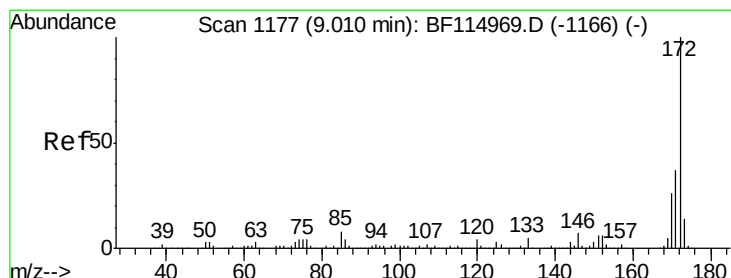
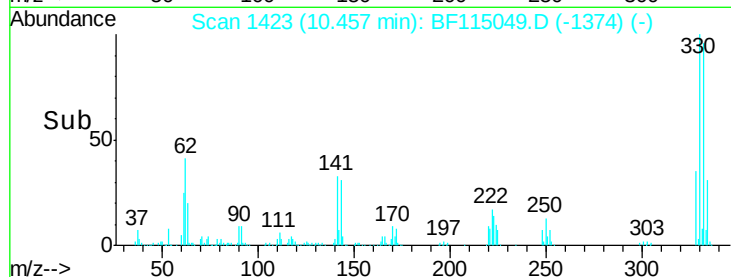
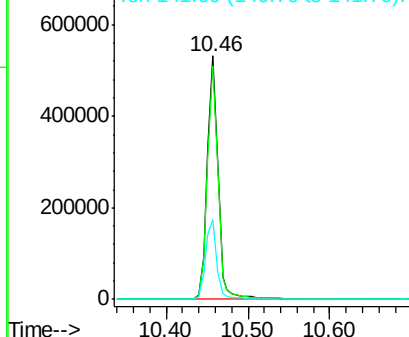
330 100

332 95.9 77.6 116.4

141 34.3 27.2 40.8



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: 85.604 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF115049.D

Acq: 14 Jun 2019 19:32

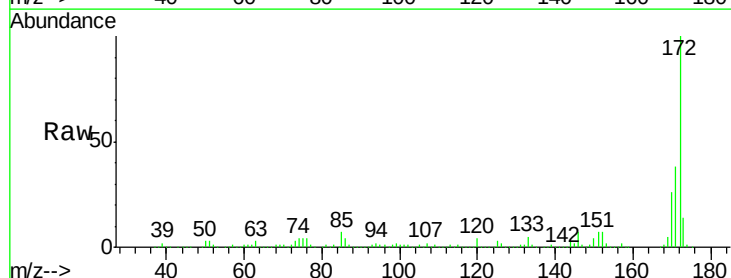
Tgt Ion:172 Resp: 2324580

Ion Ratio Lower Upper

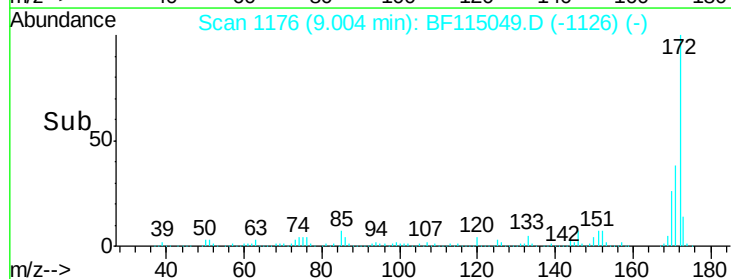
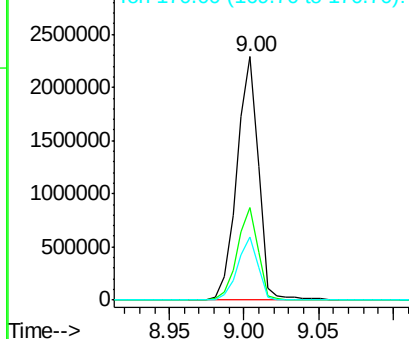
172 100

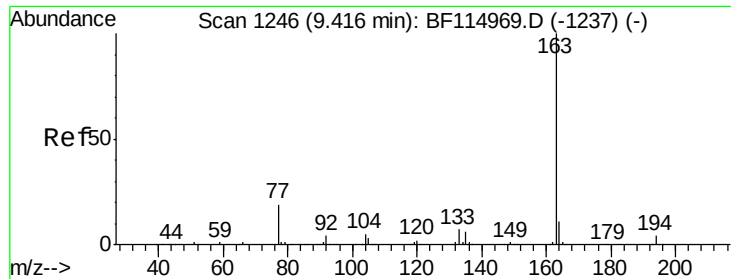
171 38.1 29.8 44.6

170 25.8 20.6 31.0



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

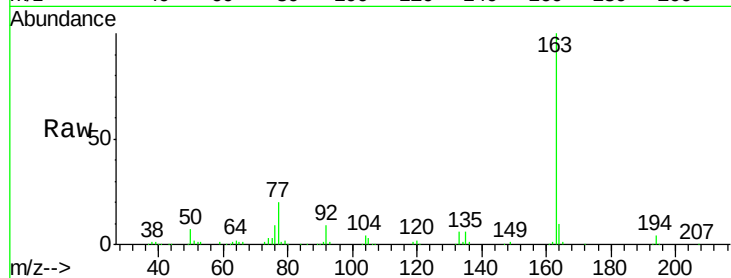




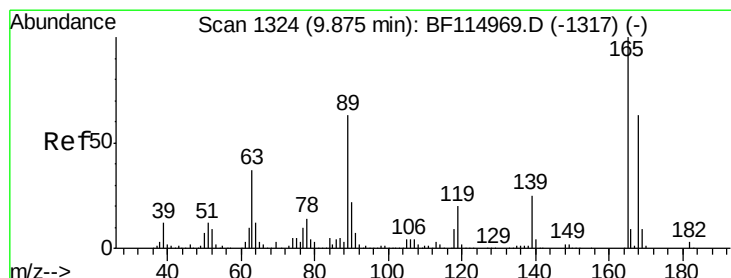
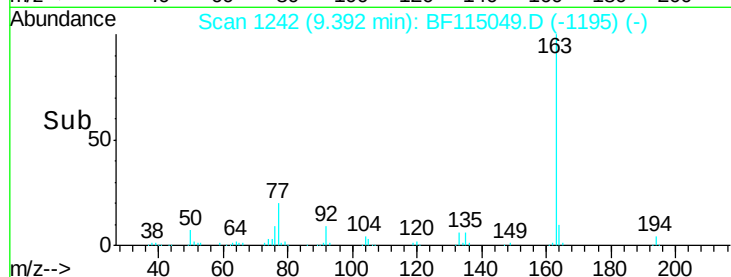
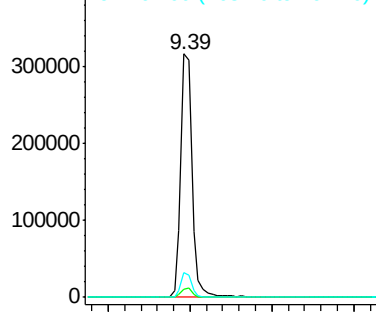
#50
Dimethylphthalate
Concen: 8.901 ng
RT: 9.39 min Scan# 1242
Delta R.T. -0.02 min
Lab File: BF115049.D
Acq: 14 Jun 2019 19:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163	Resp:	308077
Ion Ratio	Lower	Upper
163	100	
194	3.5	3.3 4.9
164	10.0	8.6 12.8

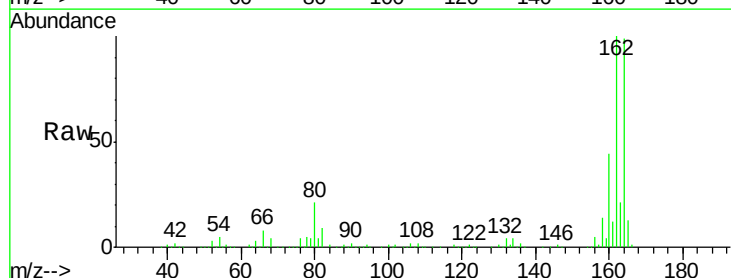


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

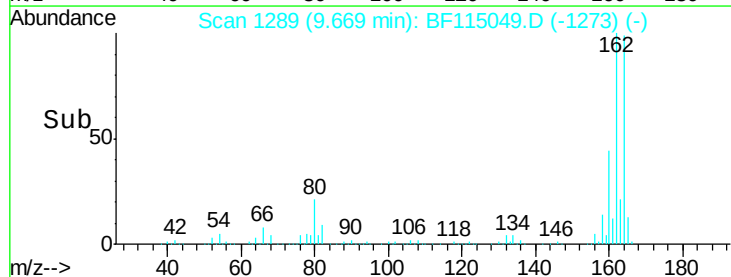
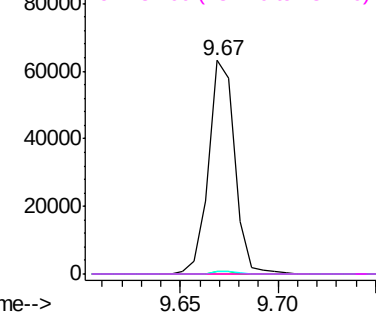


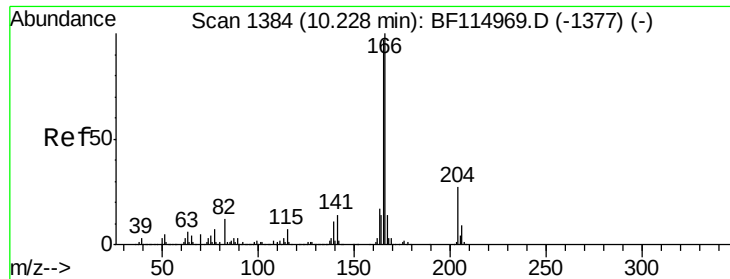
#57
2,4-Dinitrotoluene
Concen: 5.899 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.21 min
Lab File: BF115049.D
Acq: 14 Jun 2019 19:32

Tgt Ion:165	Resp:	58951
Ion Ratio	Lower	Upper
165	100	
63	1.1	29.4 44.2#
89	1.1	50.6 75.8#
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

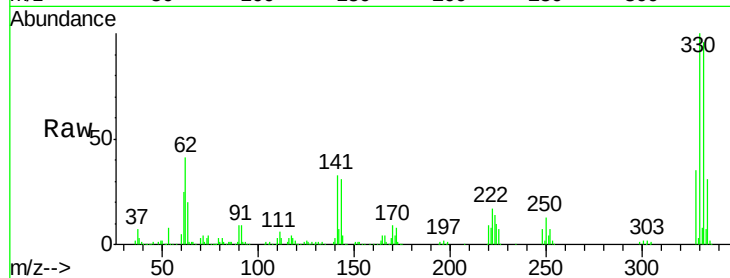




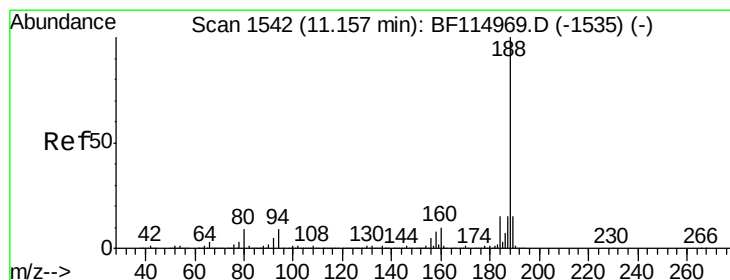
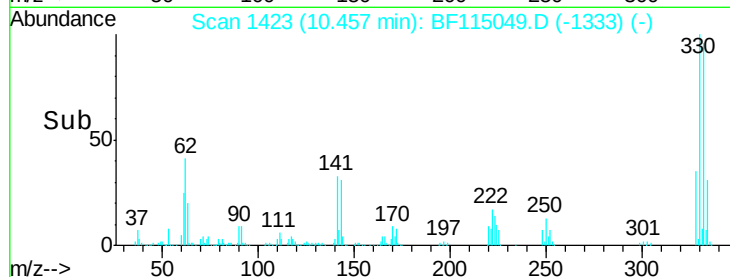
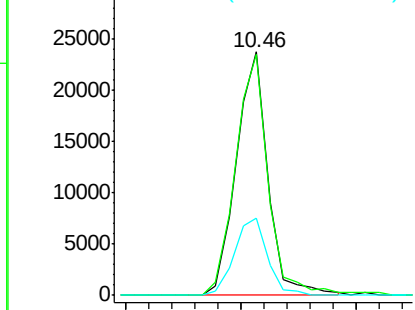
#58
 Fluorene
 Concen: Below Cal
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.23 min
 Lab File: BF115049.D
 Acq: 14 Jun 2019 19:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 22635
 Ion Ratio Lower Upper
 166 100
 165 98.8 77.6 116.4
 167 31.6 11.0 16.4#

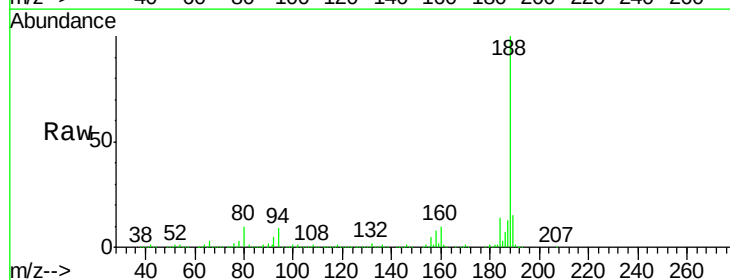


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

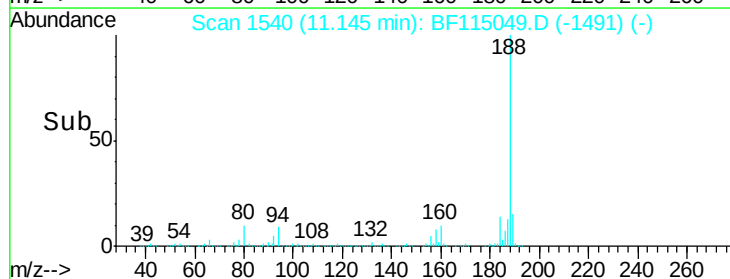
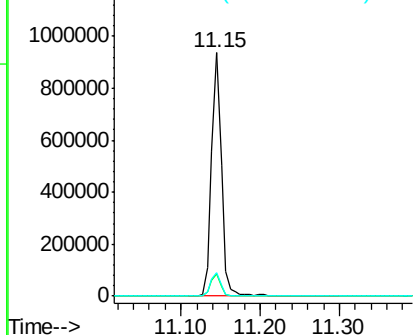


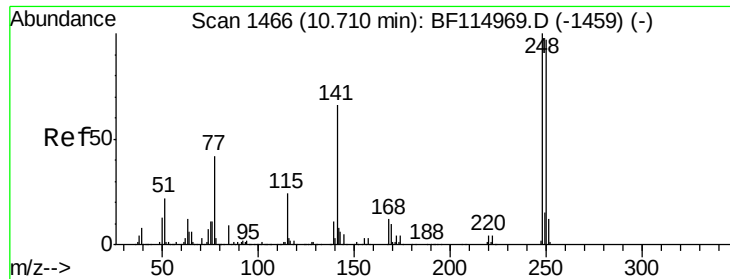
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. -0.01 min
 Lab File: BF115049.D
 Acq: 14 Jun 2019 19:32

Tgt Ion:188 Resp: 812631
 Ion Ratio Lower Upper
 188 100
 94 9.3 7.2 10.8
 80 9.8 7.4 11.2



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

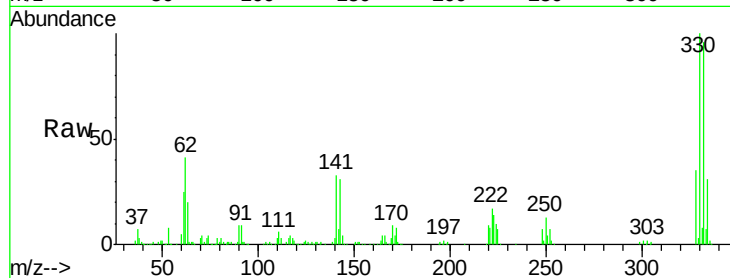




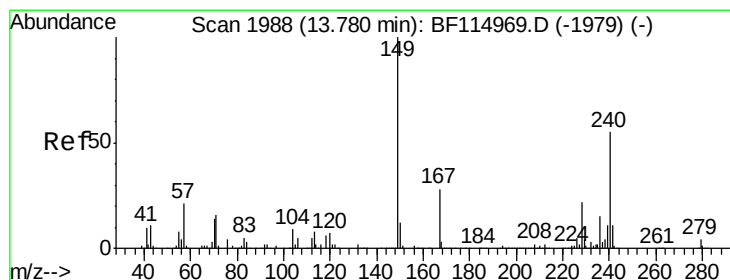
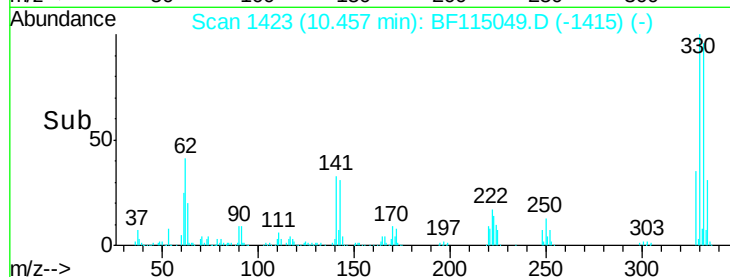
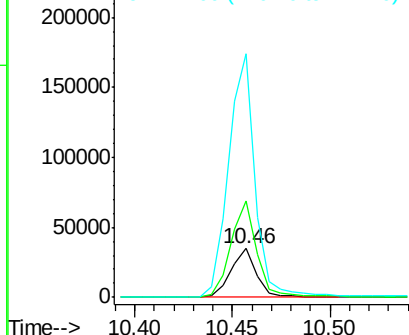
#67
4-Bromophenyl-phenylether
Concen: 3.637 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.25 min
Lab File: BF115049.D
Acq: 14 Jun 2019 19:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 31738
Ion Ratio Lower Upper
248 100
250 197.4 77.8 116.8#
141 499.3 53.1 79.7#

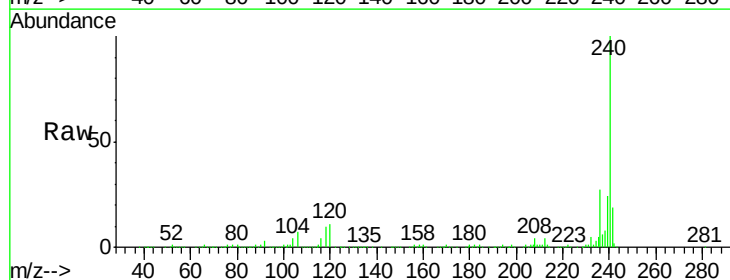


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

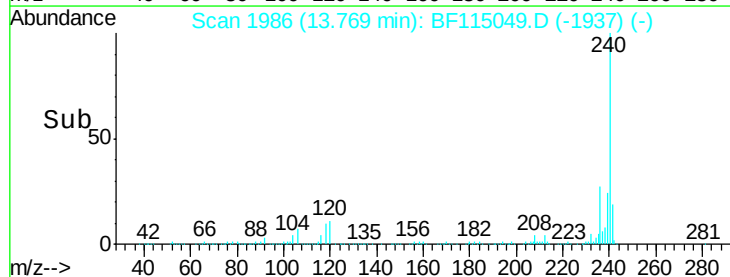
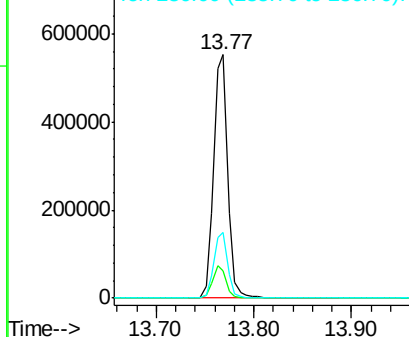


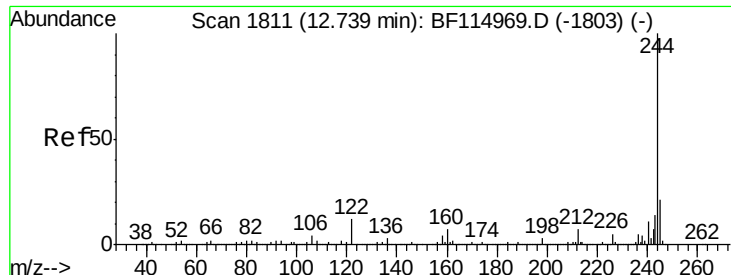
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.77 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BF115049.D
Acq: 14 Jun 2019 19:32

Tgt Ion:240 Resp: 552527
Ion Ratio Lower Upper
240 100
120 11.2 10.0 15.0
236 26.8 21.6 32.4



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: 68.887 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF115049.D

Acq: 14 Jun 2019 19:32

Instrument :

BNA_F

ClientSampled :

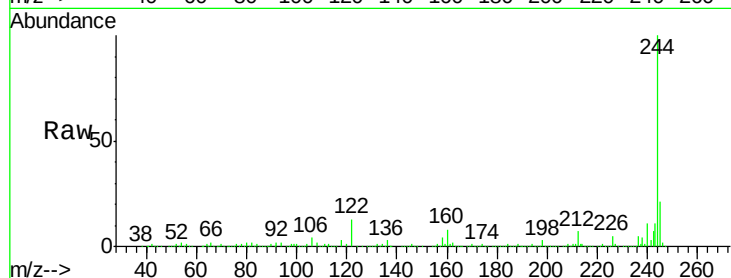
Tot Ion:244 Resp: 2023646

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

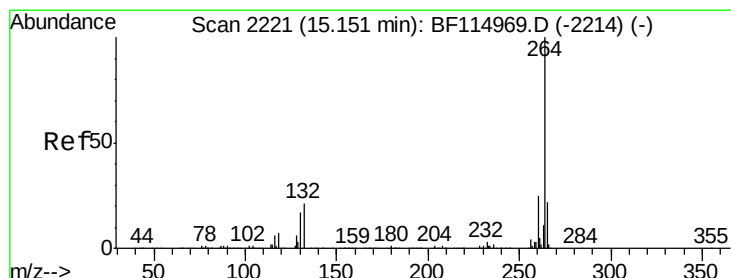
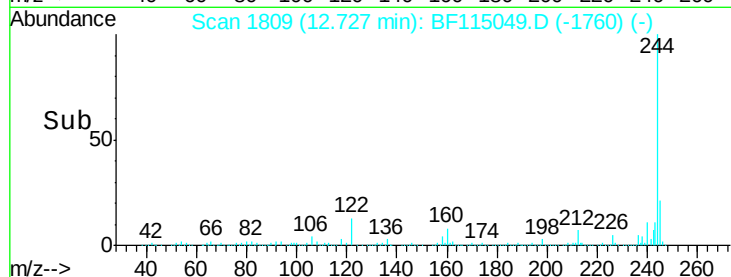
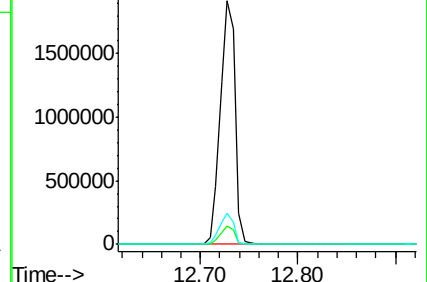
122 13.0 9.4 14.0



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: 15.14 min Scan# 2219

Delta R.T. -0.01 min

Lab File: BF115049.D

Acq: 14 Jun 2019 19:32

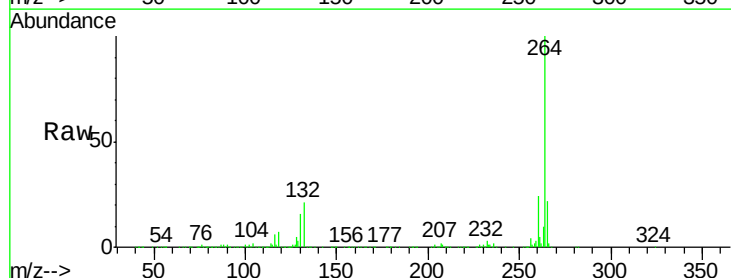
Tgt Ion:264 Resp: 534724

Ion Ratio Lower Upper

264 100

260 24.0 19.9 29.9

265 22.1 17.6 26.4



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

