

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031819\
 Data File : BF113115.D
 Acq On : 19 Mar 2019 3:13
 Operator : JU/SJ
 Sample : K1947-04
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PST-025-B032-031319

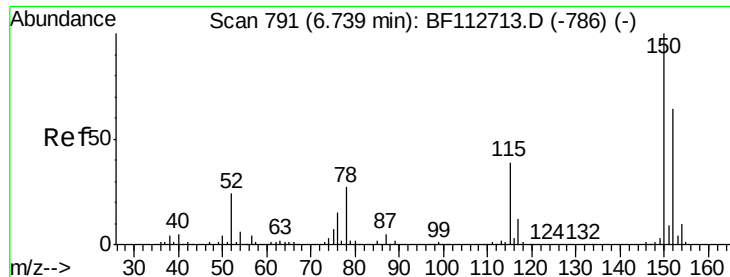
Quant Time: Mar 19 06:47:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	157943	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	436224	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	186335	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	350179	20.00	ng	0.00
76) Chrysene-d12	13.87	240	331566	20.00	ng	0.00
87) Perylene-d12	15.28	264	217160	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.35	112	1075854	105.96	ng	0.00
7) Phenol-d6	6.38	99	1424144	111.66	ng	0.00
23) Nitrobenzene-d5	7.29	82	834886	114.52	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	289247	146.22	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1219740	122.36	ng	0.00
79) Terphenyl-d14	12.82	244	1193330	69.77	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.29	70	106969	13.242	ng	# 75
25) Isophorone	7.29	82	828982	52.783	ng	# 66
50) Dimethylphthalate	9.48	163	107154	7.799	ng	# 99
57) 2,4-Dinitrotoluene	9.76	165	23840	6.703	ng	# 17
65) 4,6-Dinitro-2-methylphenol	10.55	198	341	4.827	ng	# 1
67) 4-Bromophenyl-phenylether	10.55	248	16337	4.429	ng	# 1

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

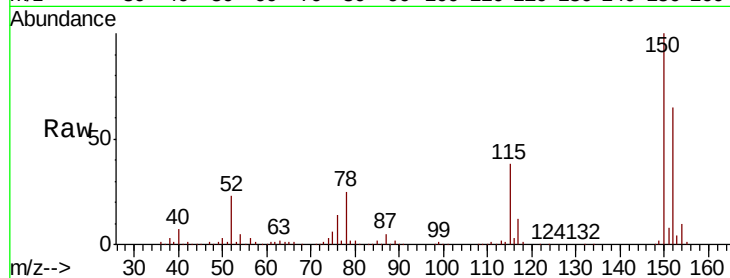


#1

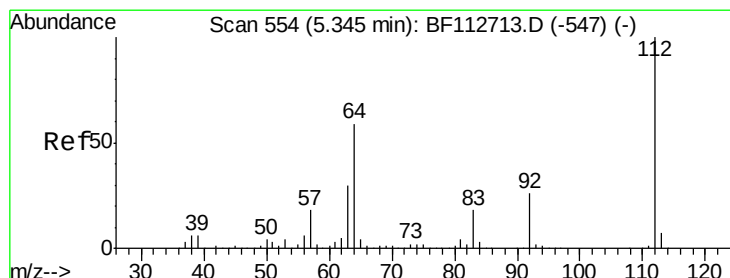
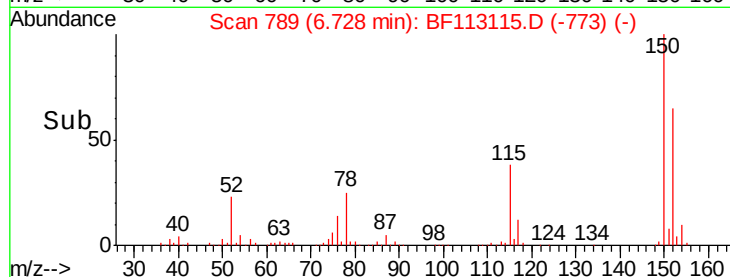
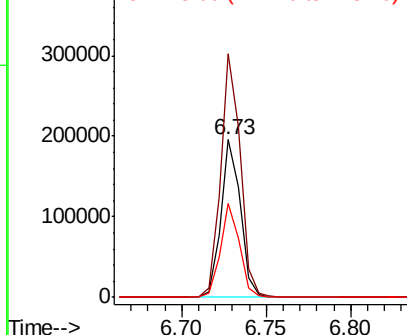
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF113115.D
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PST-025-B032-031319

Tgt Ion:152 Resp: 157943
Ion Ratio Lower Upper
152 100
150 154.8 124.2 186.2
115 59.4 48.2 72.4



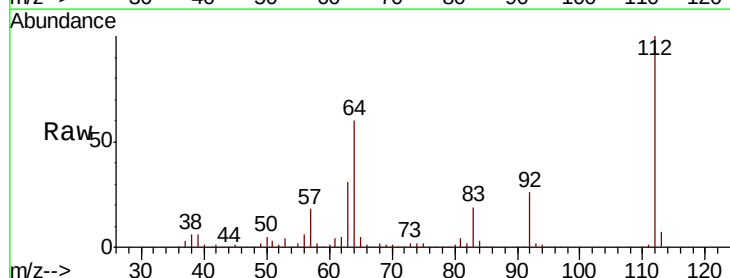
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



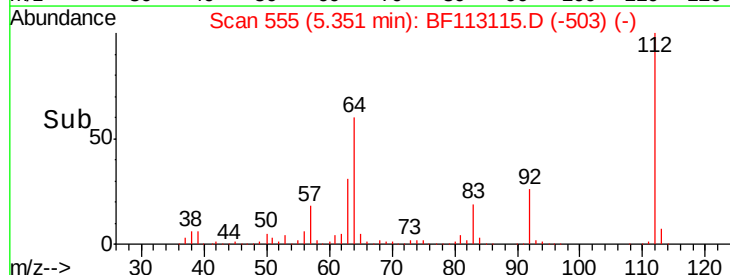
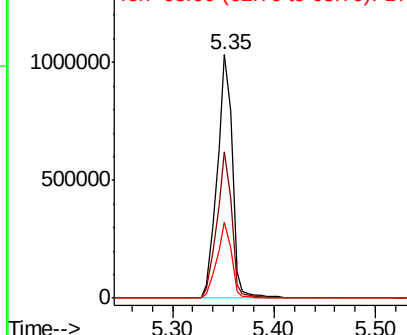
#5

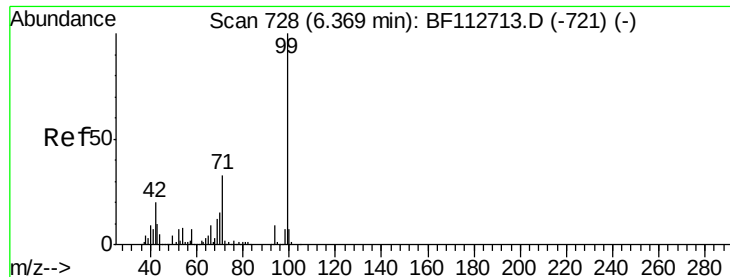
2-Fluorophenol
Concen: 105.958 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF113115.D
Acq: 19 Mar 2019 3:13

Tgt Ion:112 Resp: 1075854
Ion Ratio Lower Upper
112 100
64 60.3 47.6 71.4
63 30.9 24.4 36.6



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: 111.658 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF113115.D

Acq: 19 Mar 2019 3:13

Instrument :

BNA_F

ClientSampleId :

PST-025-B032-031319

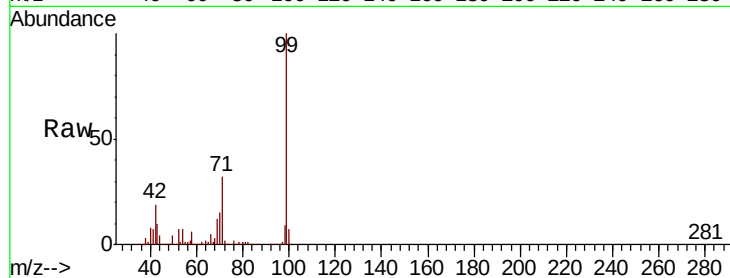
Tgt Ion: 99 Resp: 1424144

Ion Ratio Lower Upper

99 100

42 18.6 16.3 24.5

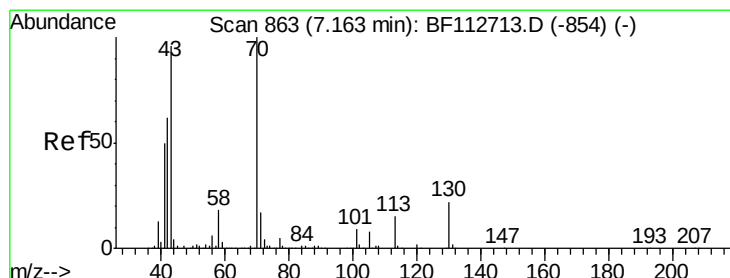
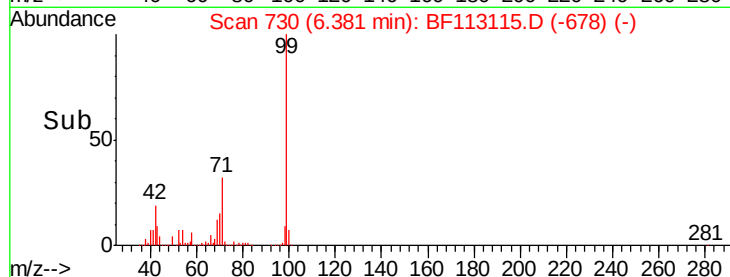
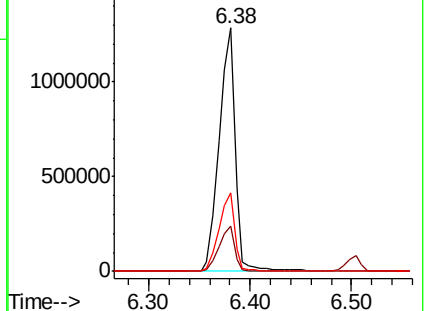
71 32.5 26.2 39.4



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: 13.242 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.14 min

Lab File: BF113115.D

Acq: 19 Mar 2019 3:13

Tgt Ion: 70 Resp: 106969

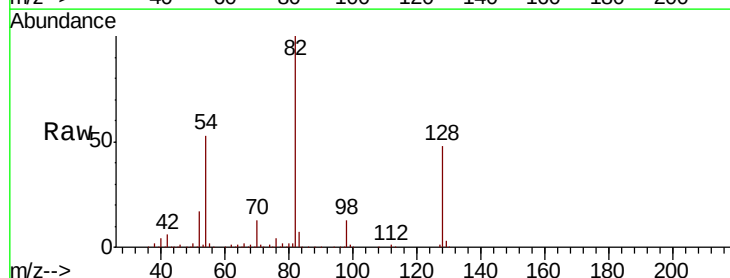
Ion Ratio Lower Upper

70 100

42 47.3 49.9 74.9#

101 0.0 7.4 11.2#

130 2.1 17.4 26.2#

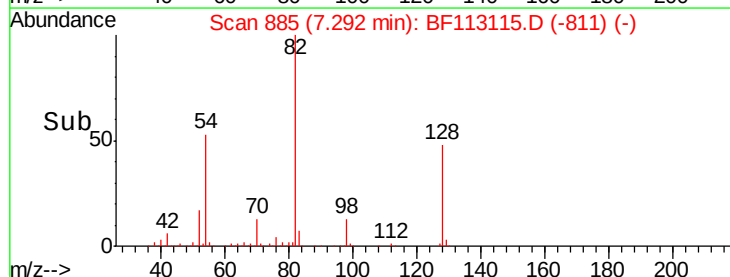
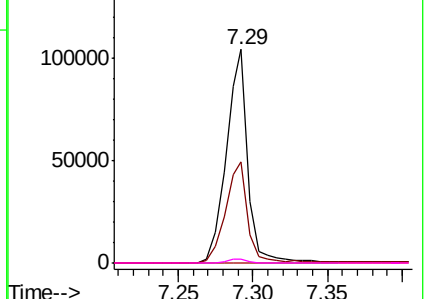


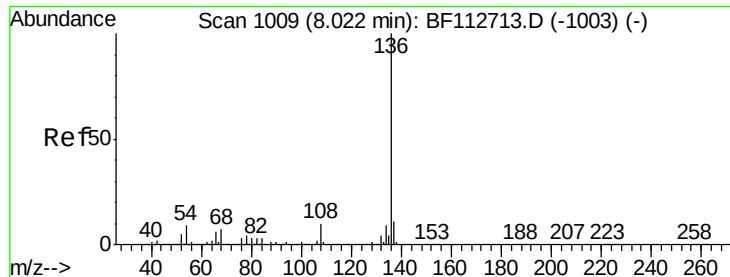
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

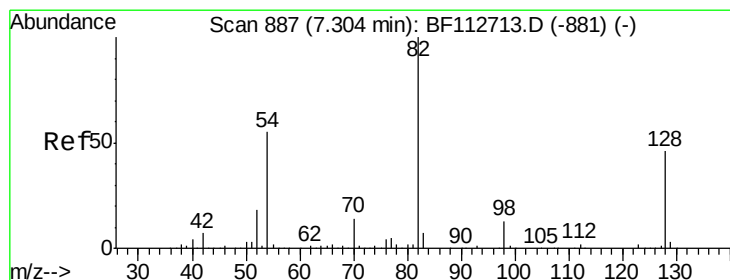
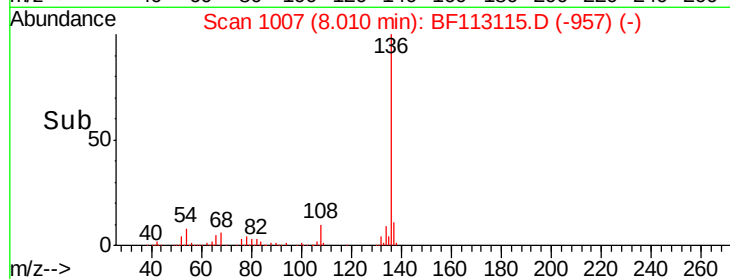
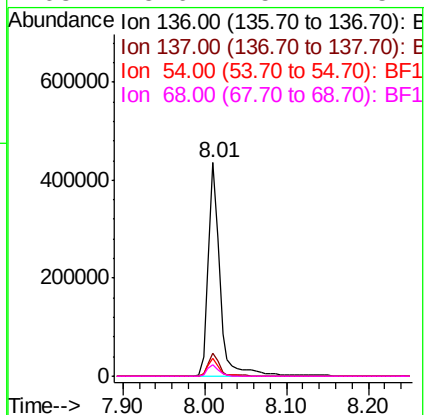
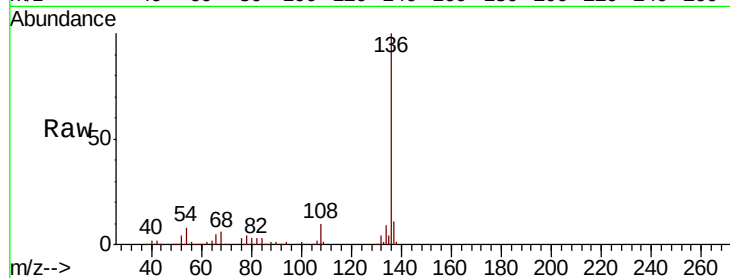




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF113115.D
Acq: 19 Mar 2019 3:13

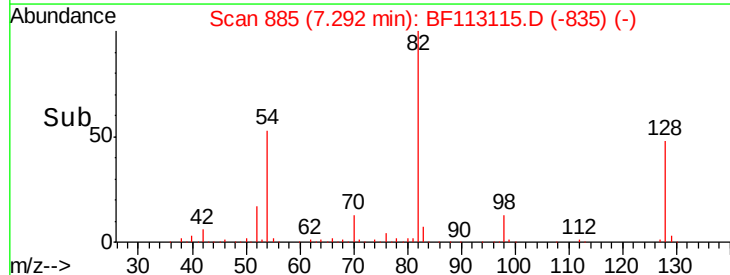
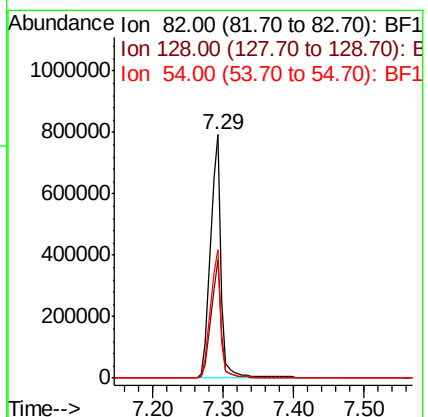
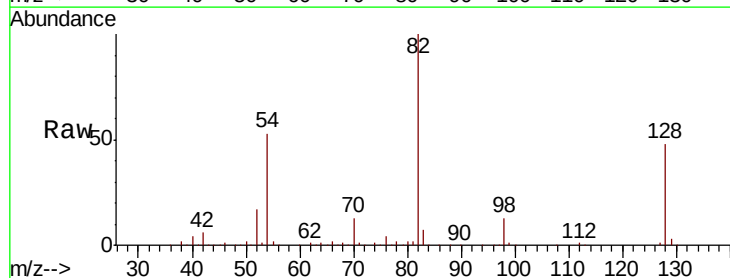
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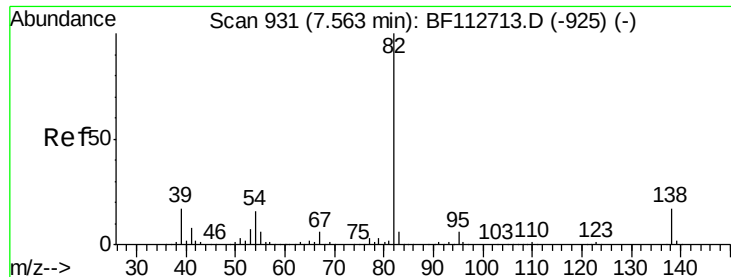
Tgt Ion:	136	Resp:	436224
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.3	7.3	10.9
68	5.6	5.4	8.2



#23
Nitrobenzene-d5
Concen: 114.523 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF113115.D
Acq: 19 Mar 2019 3:13

Tgt Ion:	82	Resp:	834886
Ion	Ratio	Lower	Upper
82	100		
128	48.4	36.3	54.5
54	52.8	43.7	65.5

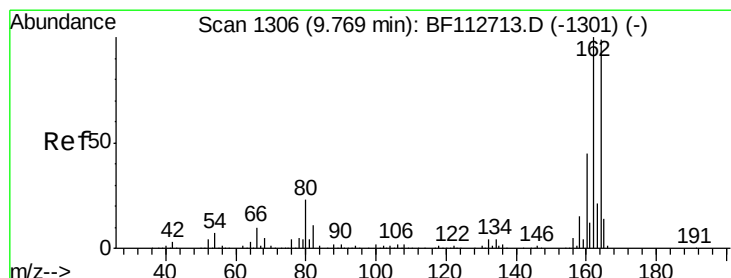
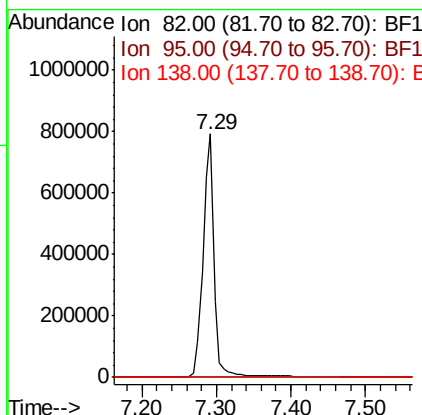
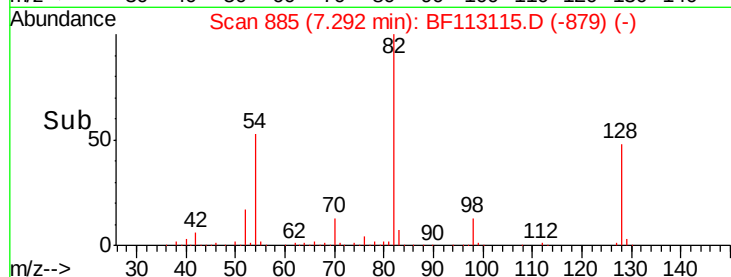
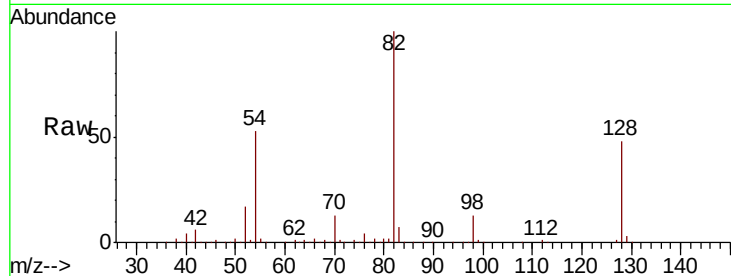




#25
Isophorone
Concen: 52.783 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.26 min
Lab File: BF113115.D
Acq: 19 Mar 2019 3:13

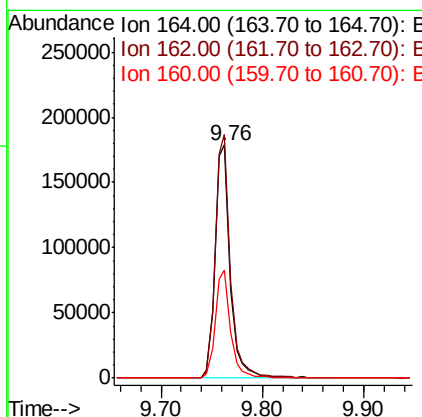
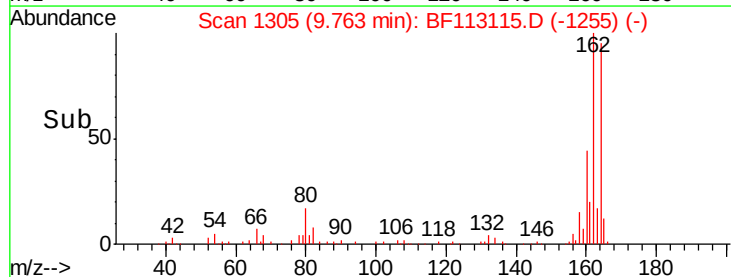
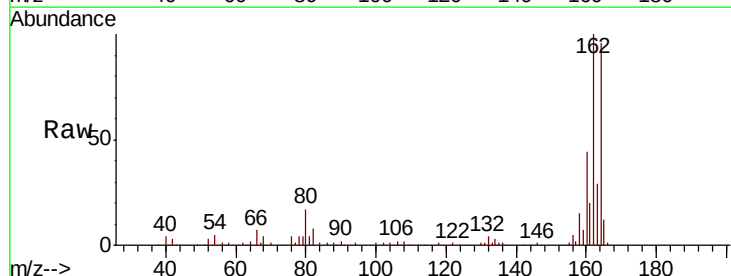
Instrument :
BNA_F
ClientSampleId :
PST-025-B032-031319

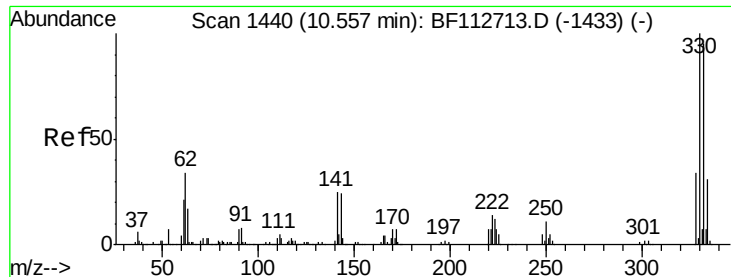
Tgt Ion: 82 Resp: 828982
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 13.8 20.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF113115.D
Acq: 19 Mar 2019 3:13

Tgt Ion: 164 Resp: 186335
Ion Ratio Lower Upper
164 100
162 104.4 80.6 120.8
160 46.0 36.0 54.0

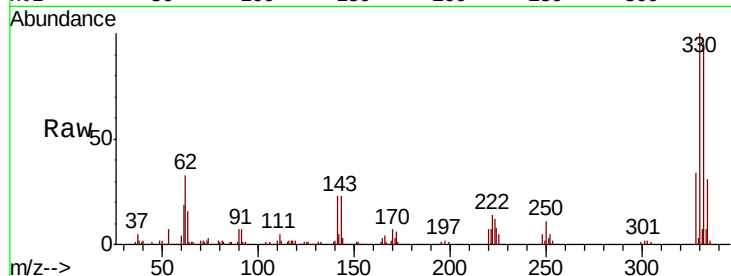




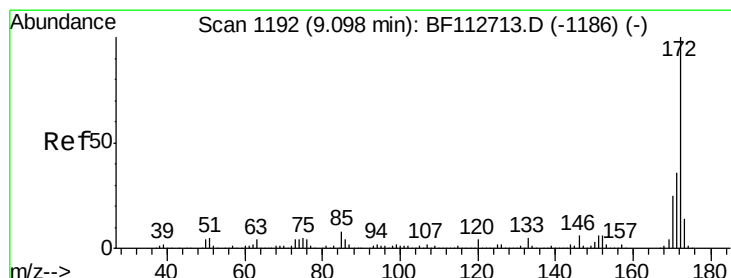
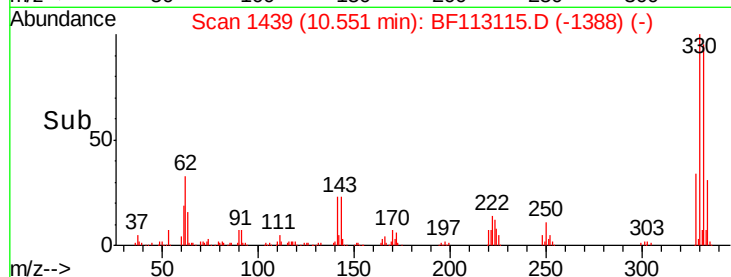
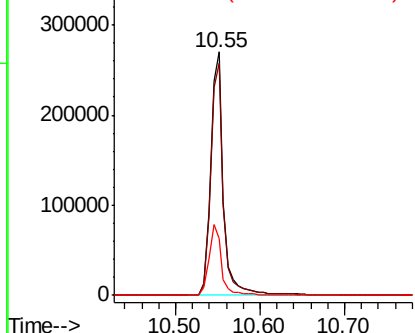
#42
 2,4,6-Tribromophenol
 Concen: 146.219 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF113115.D
 Acq: 19 Mar 2019 3:13

Instrument :
 BNA_F
 ClientSampleId :
 PST-025-B032-031319

Tgt Ion:330 Resp: 289247
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.2 114.4
 141 28.5 27.0 40.6

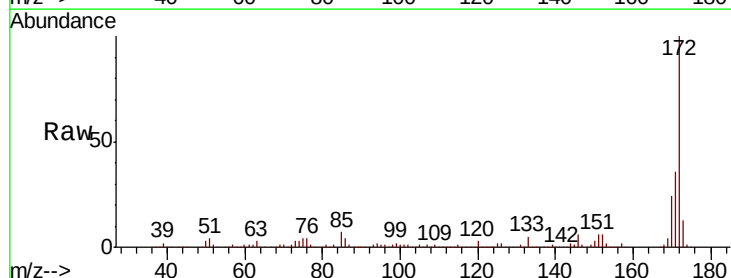


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

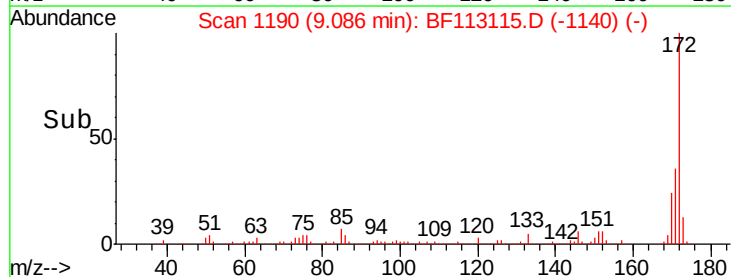
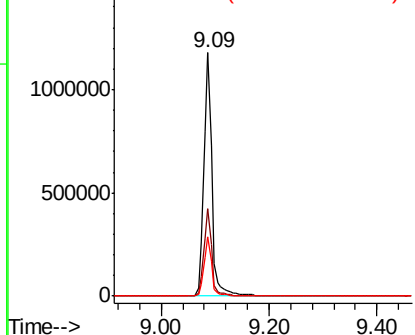


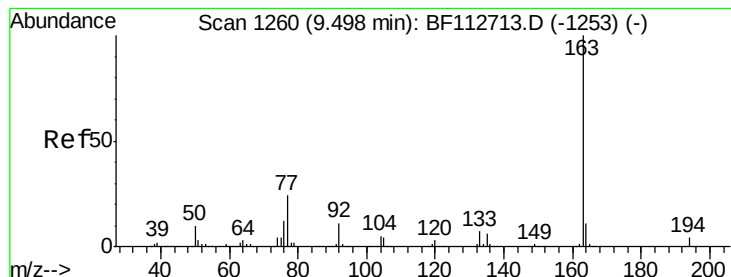
#45
 2-Fluorobiphenyl
 Concen: 122.359 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF113115.D
 Acq: 19 Mar 2019 3:13

Tgt Ion:172 Resp: 1219740
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.0 43.4
 170 24.3 20.0 30.0



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: 7.799 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.02 min

Lab File: BF113115.D

Acq: 19 Mar 2019 3:13

Instrument :

BNA_F

ClientSampleId :

PST-025-B032-031319

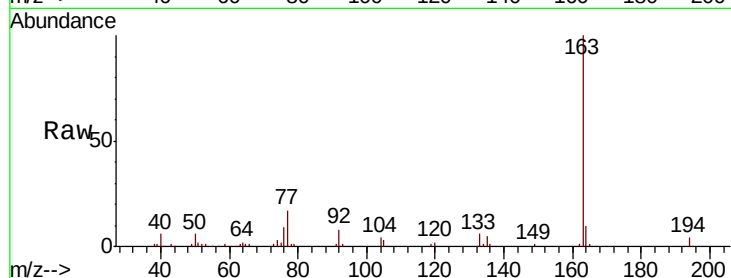
Tgt Ion:163 Resp: 107154

Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.4

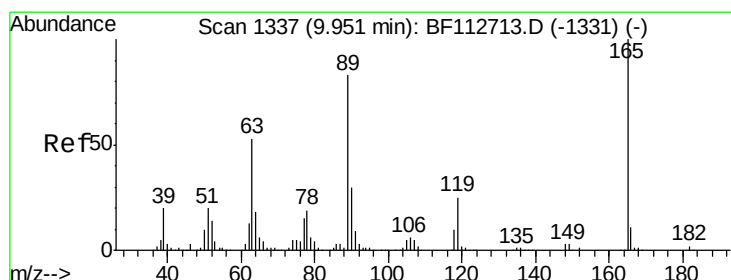
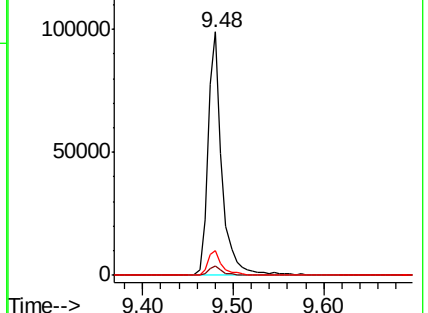
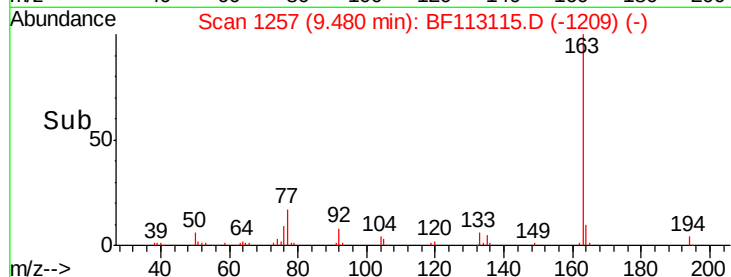
164 10.2 8.4 12.6



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: 6.703 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.20 min

Lab File: BF113115.D

Acq: 19 Mar 2019 3:13

Tgt Ion:165 Resp: 23840

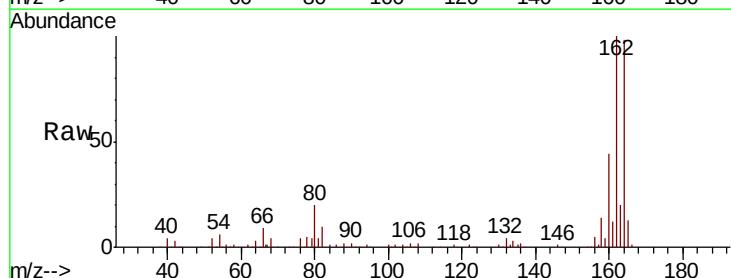
Ion Ratio Lower Upper

165 100

63 1.3 42.2 63.2#

89 0.0 66.2 99.4#

182 0.0 1.8 2.6#

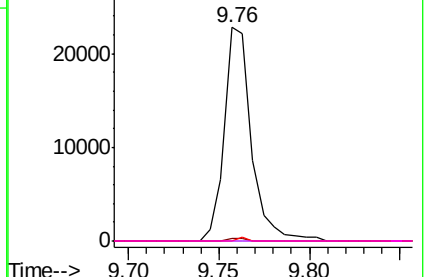
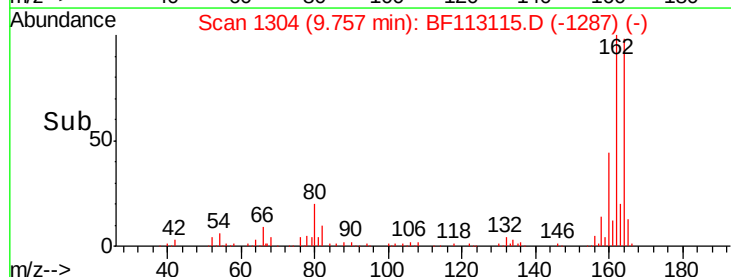


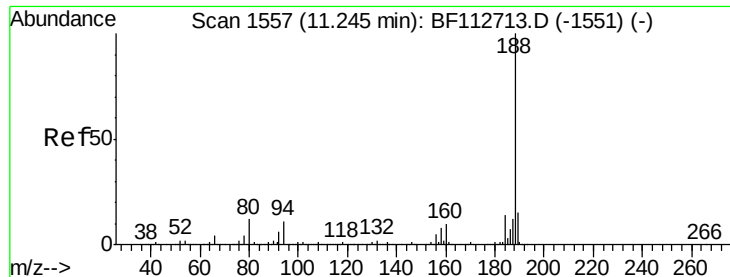
Abundance Ion 165.00 (164.70 to 165.70): E

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

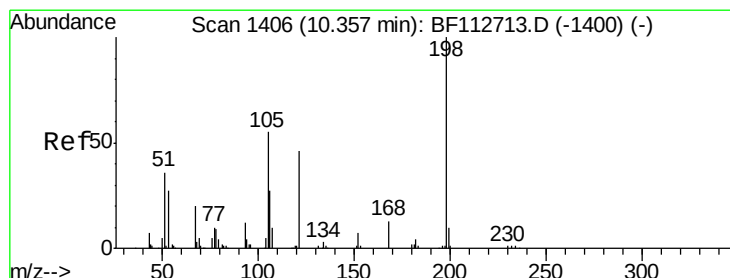
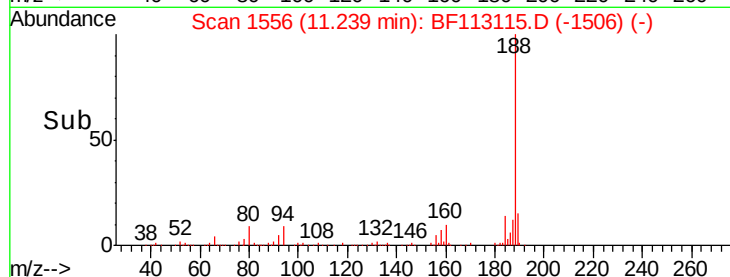
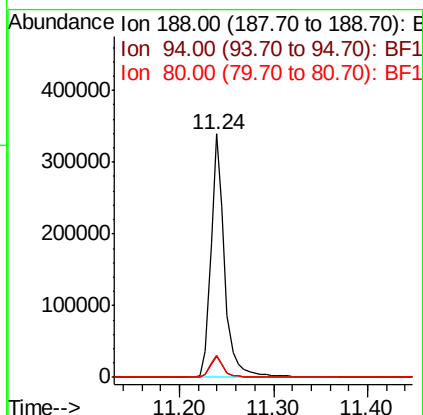
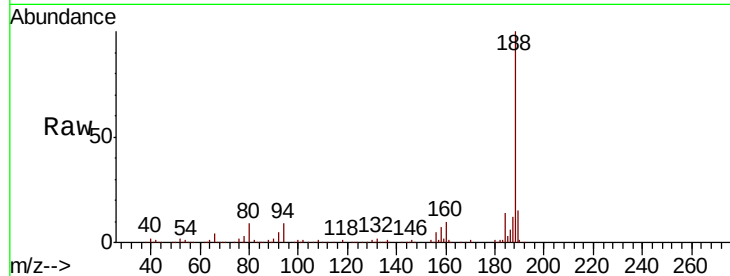




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF113115.D
Acq: 19 Mar 2019 3:13

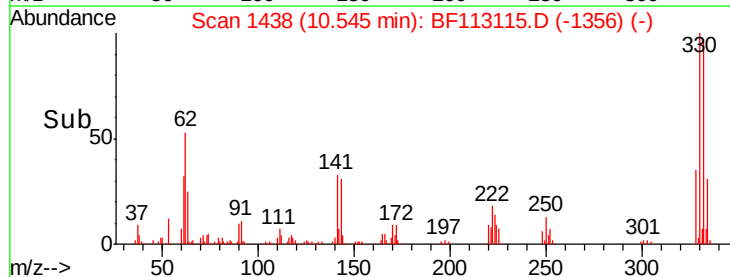
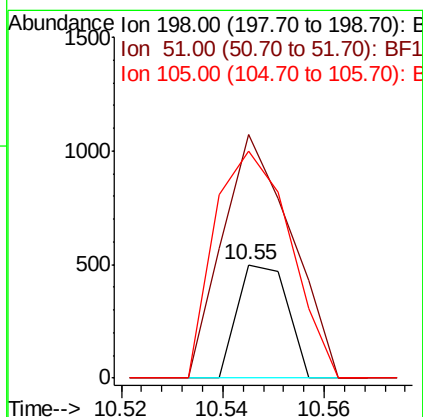
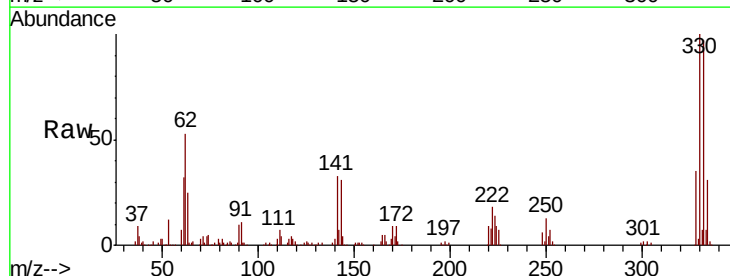
Instrument :
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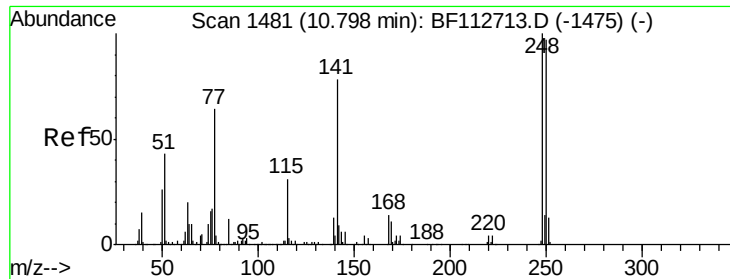
Tgt Ion:188 Resp: 350179
Ion Ratio Lower Upper
188 100
94 8.6 9.0 13.4#
80 9.3 9.2 13.8



#65
4,6-Dinitro-2-methylphenol
Concen: 4.827 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.18 min
Lab File: BF113115.D
Acq: 19 Mar 2019 3:13

Tgt Ion:198 Resp: 341
Ion Ratio Lower Upper
198 100
51 215.3 43.8 83.8#
105 201.0 36.5 76.5#

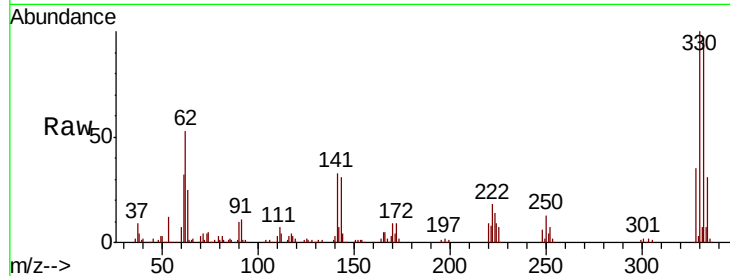




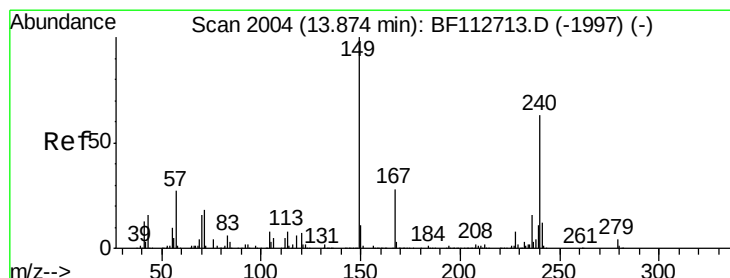
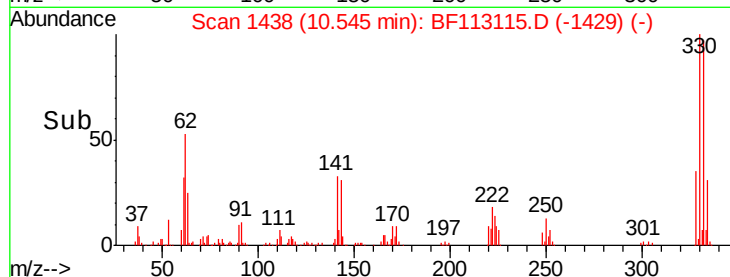
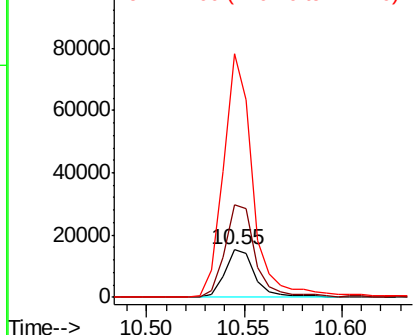
#67
 4-Bromophenyl-phenylether
 Concen: 4.429 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.25 min
 Lab File: BF113115.D
 Acq: 19 Mar 2019 3:13

Instrument :
 BNA_F
 ClientSampleId :
 PST-025-B032-031319

Tgt Ion:248 Resp: 16337
 Ion Ratio Lower Upper
 248 100
 250 196.3 77.5 116.3#
 141 514.1 62.4 93.6#

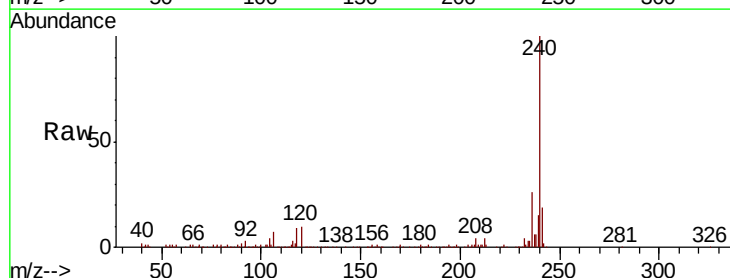


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

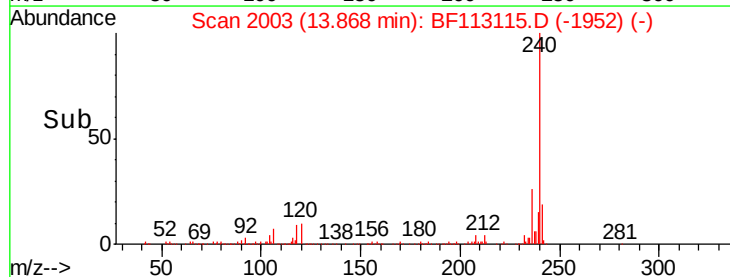
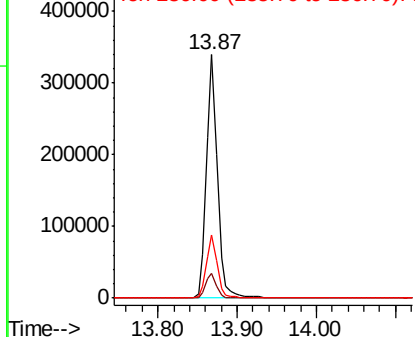


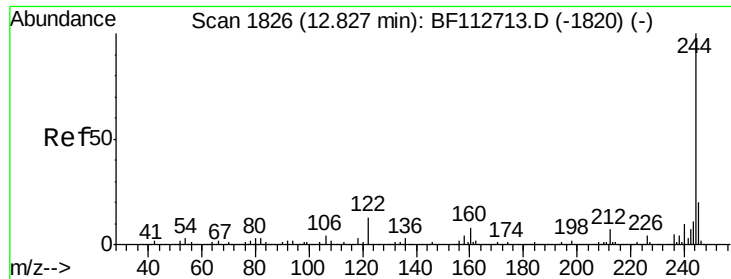
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.00 min
 Lab File: BF113115.D
 Acq: 19 Mar 2019 3:13

Tgt Ion:240 Resp: 331566
 Ion Ratio Lower Upper
 240 100
 120 10.0 8.9 13.3
 236 25.7 20.7 31.1



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

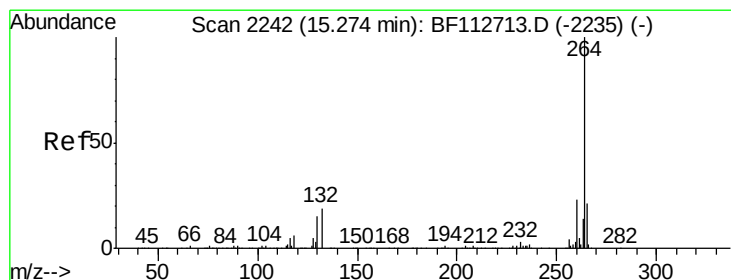
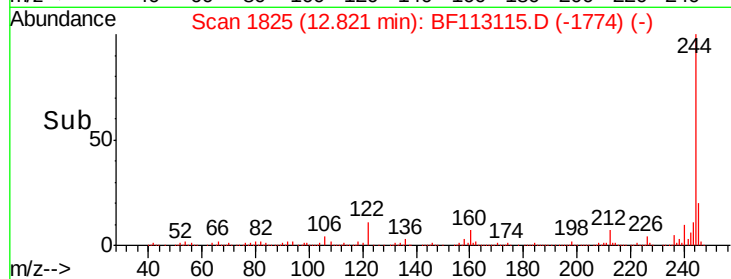
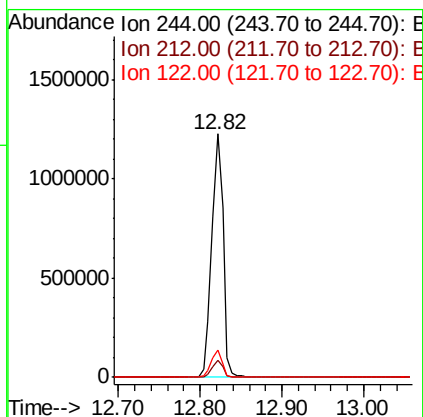
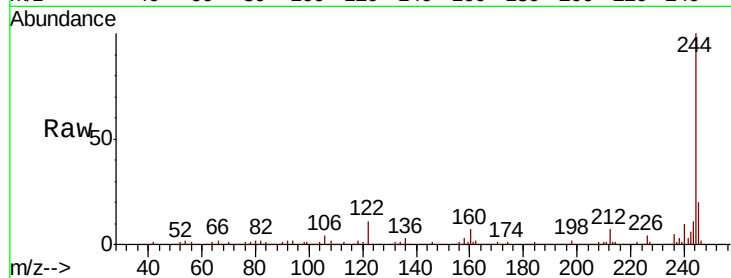




#79
 Terphenyl-d14
 Concen: 69.768 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: BF113115.D
 Acq: 19 Mar 2019 3:13

Instrument :
 BNA_F
 ClientSampleId :
 PST-025-B032-031319

Tgt Ion:244 Resp: 1193330
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 11.1 10.5 15.7



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2243
 Delta R.T. 0.01 min
 Lab File: BF113115.D
 Acq: 19 Mar 2019 3:13

Tgt Ion:264 Resp: 217160
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.7 28.1
 265 21.8 17.2 25.8

