

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031819\
 Data File : BF113092.D
 Acq On : 18 Mar 2019 16:05
 Operator : JU/SJ
 Sample : K1931-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LSP-1

Quant Time: Mar 19 04:50:00 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

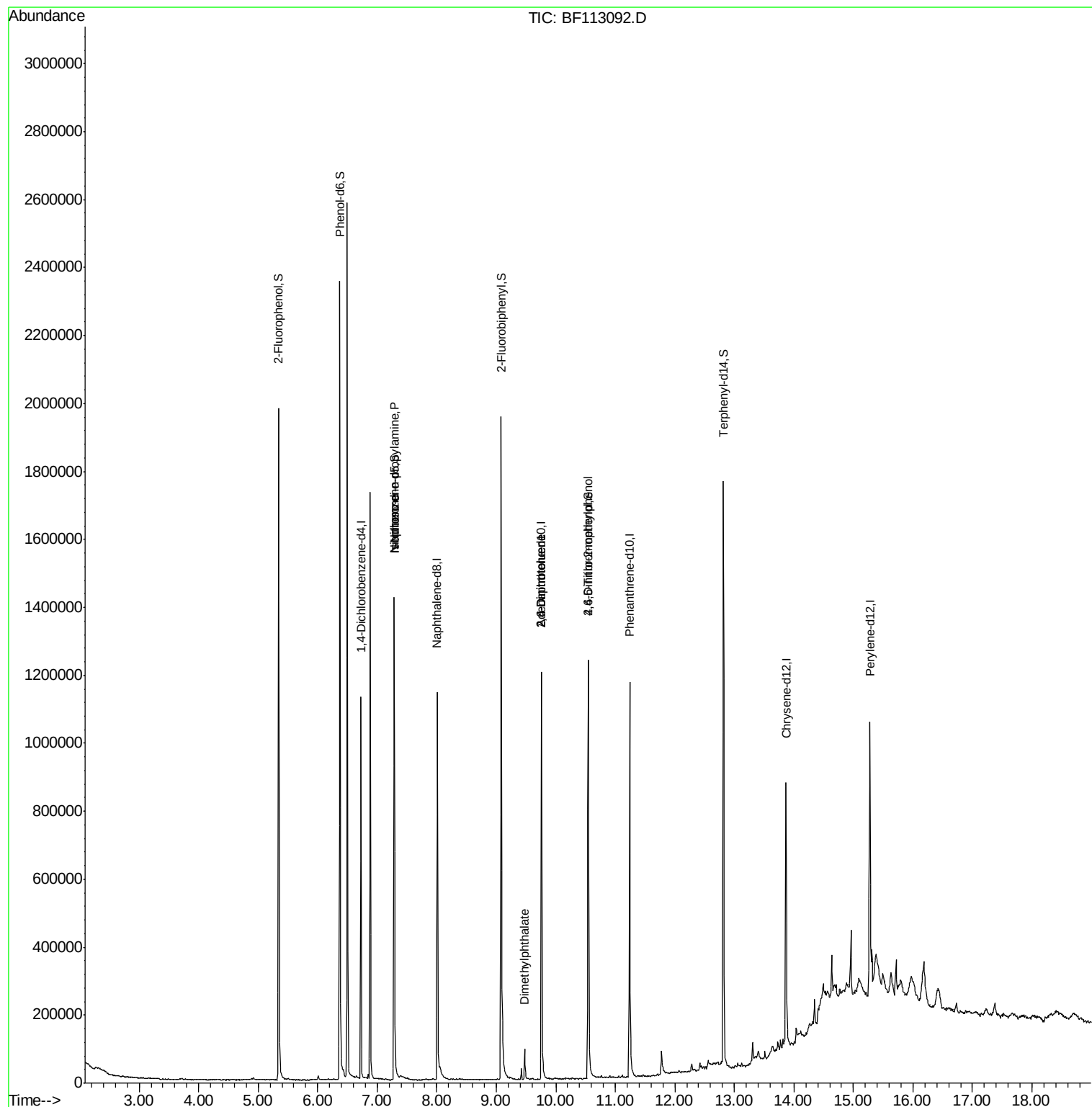
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	156005	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	605500	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	285366	20.00	ng	-0.01
64) Phenanthrene-d10	11.24	188	526879	20.00	ng	0.00
76) Chrysene-d12	13.87	240	332694	20.00	ng	0.00
87) Perylene-d12	15.27	264	440881	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	567246	56.56	ng	0.00
7) Phenol-d6	6.37	99	821894	65.24	ng	0.00
23) Nitrobenzene-d5	7.29	82	459625	45.42	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	193145	63.75	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	790310	39.74	ng	-0.01
79) Terphenyl-d14	12.82	244	614059	35.78	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	58904	7.383	ng	# 77
25) Isophorone	7.29	82	456951	20.961	ng	# 66
50) Dimethylphthalate	9.48	163	47309	2.248	ng	# 99
51) 2,6-Dinitrotoluene	9.76	165	36603	8.354	ng	# 18
57) 2,4-Dinitrotoluene	9.76	165	36604	6.721	ng	# 17
65) 4,6-Dinitro-2-methylphenol	10.55	198	259	4.721	ng	# 1

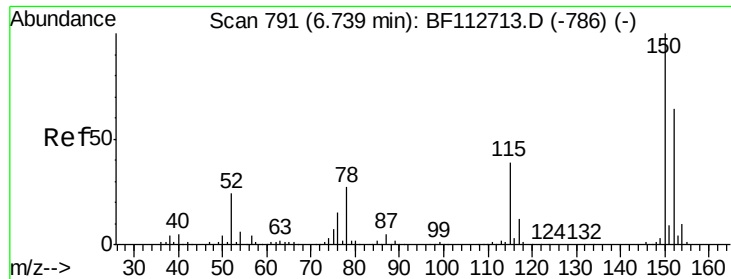
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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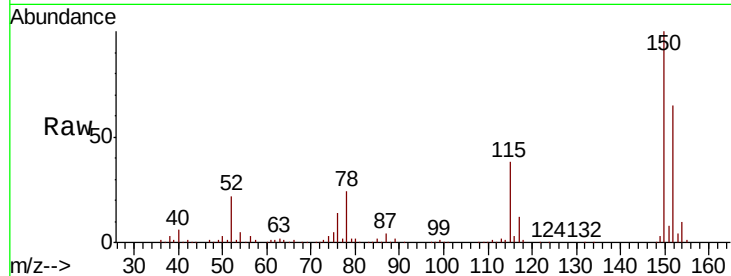


#1

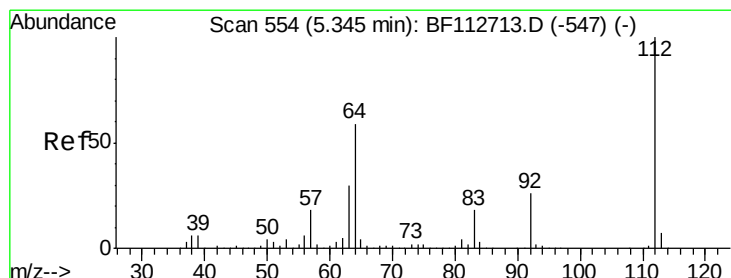
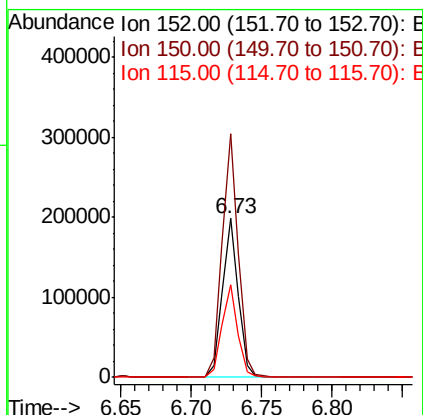
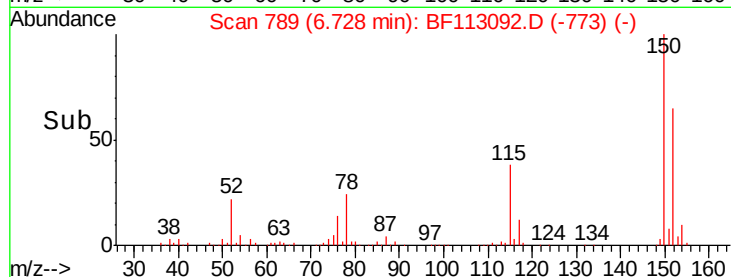
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF113092.D
Acq: 18 Mar 2019 16:05

Instrument :
BNA_F
ClientSampleId :
LSP-1

Tgt Ion:152 Resp: 156005
Ion Ratio Lower Upper
152 100
150 153.0 124.2 186.2
115 58.3 48.2 72.4



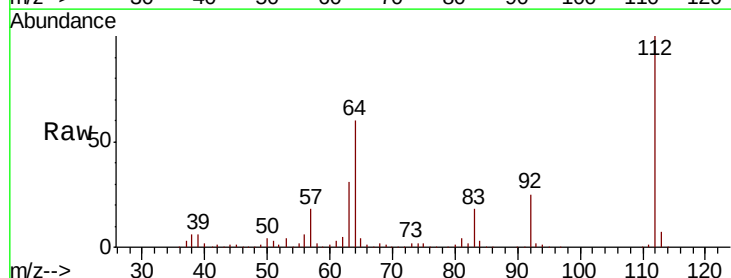
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



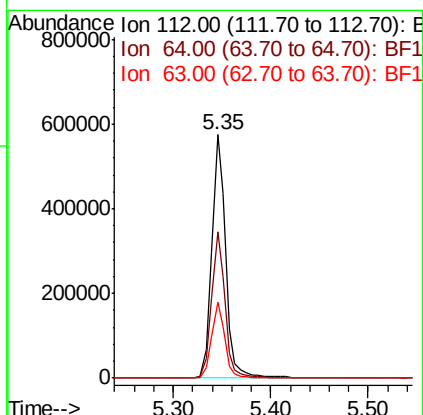
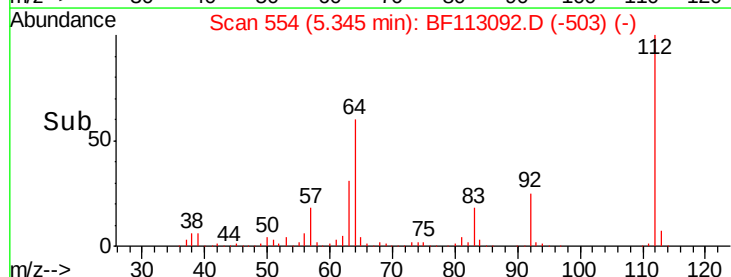
#5

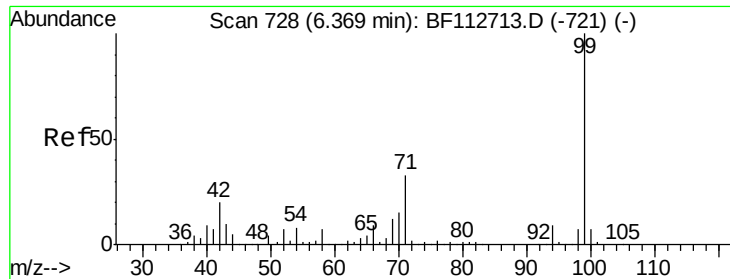
2-Fluorophenol
Concen: 56.561 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF113092.D
Acq: 18 Mar 2019 16:05

Tgt Ion:112 Resp: 567246
Ion Ratio Lower Upper
112 100
64 60.1 47.6 71.4
63 31.0 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: 65.240 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF113092.D

Acq: 18 Mar 2019 16:05

Instrument :

BNA_F

ClientSampleId :

LSP-1

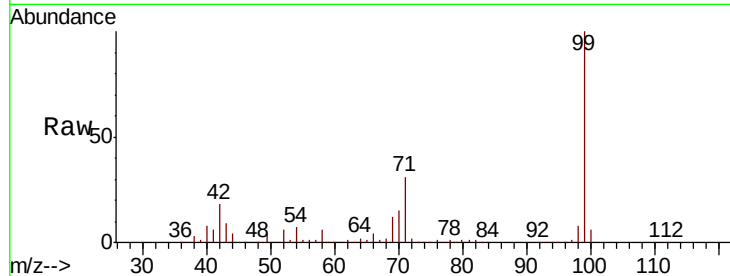
Tgt Ion: 99 Resp: 821894

Ion Ratio Lower Upper

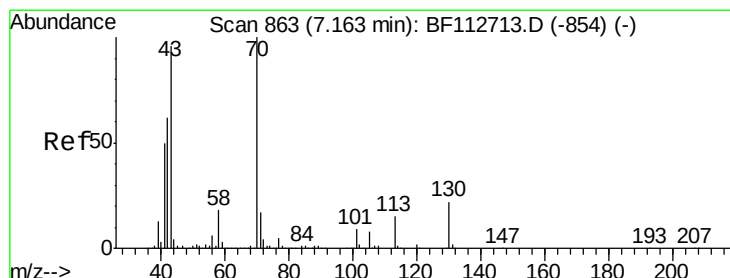
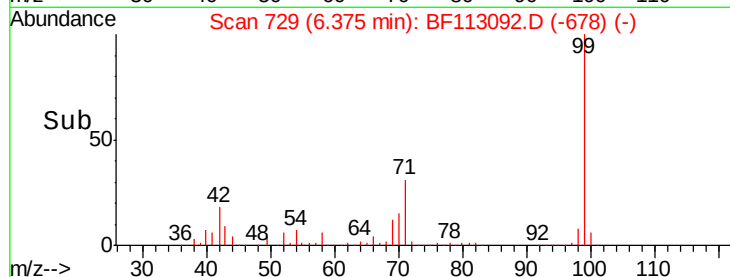
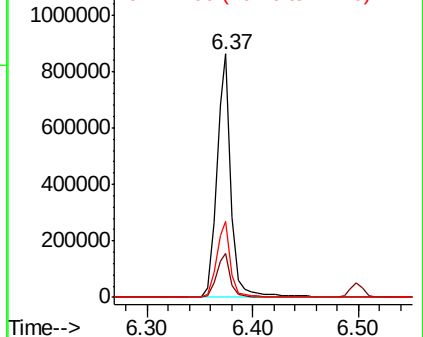
99 100

42 18.2 16.3 24.5

71 31.1 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: 7.383 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.13 min

Lab File: BF113092.D

Acq: 18 Mar 2019 16:05

Tgt Ion: 70 Resp: 58904

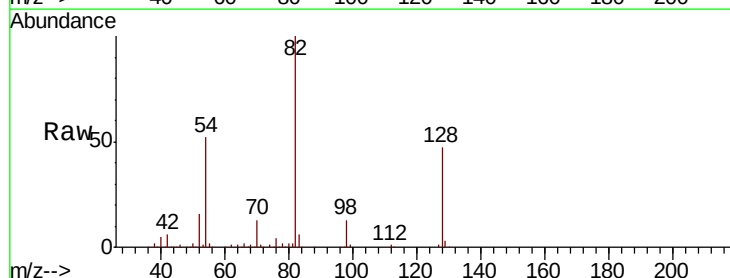
Ion Ratio Lower Upper

70 100

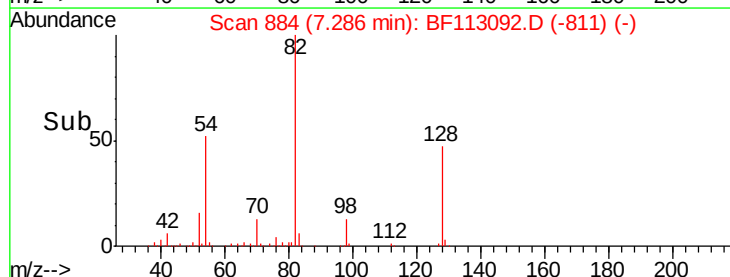
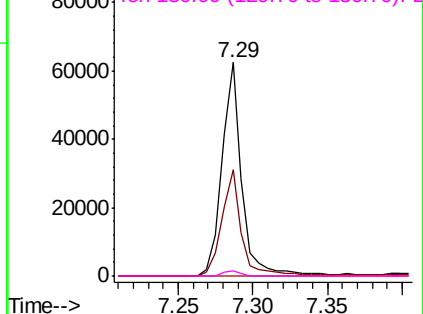
42 49.5 49.9 74.9#

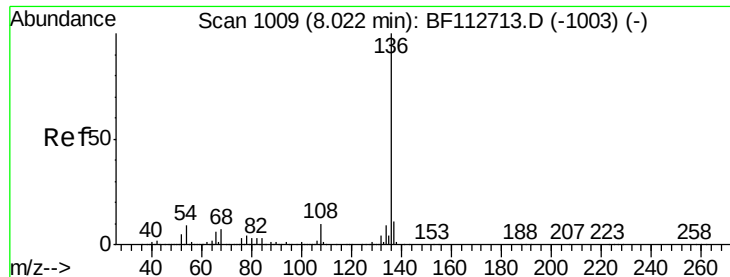
101 0.0 7.4 11.2#

130 2.7 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

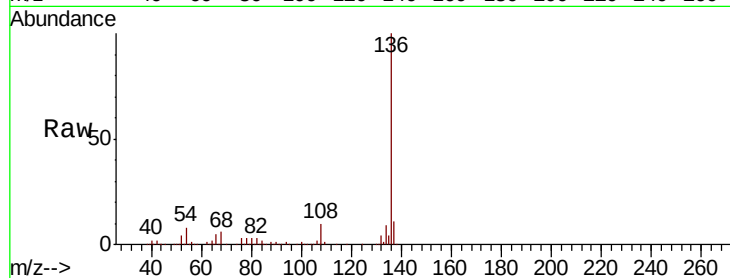




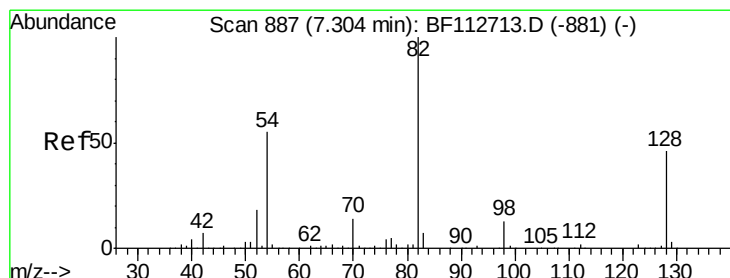
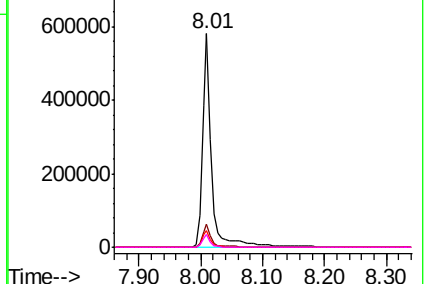
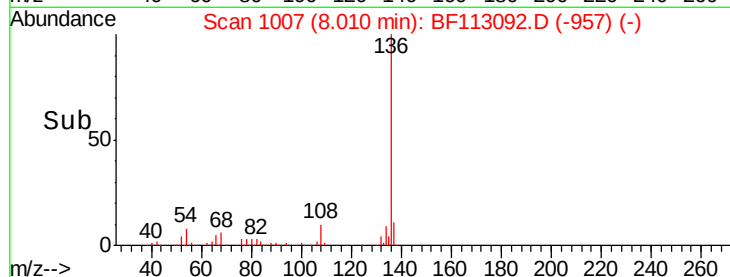
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF113092.D
Acq: 18 Mar 2019 16:05

Instrument :
BNA_F
ClientSampleId :
LSP-1

Tgt Ion:	136	Resp:	605500
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.6	7.3	10.9
68	6.1	5.4	8.2

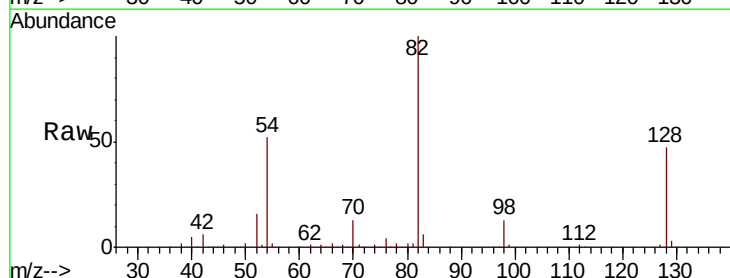


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

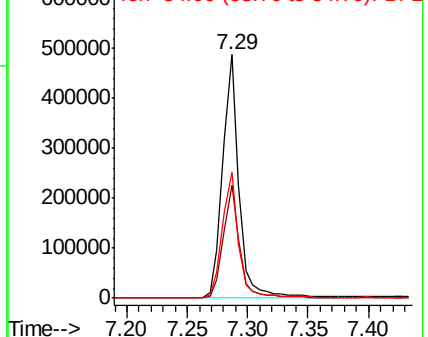
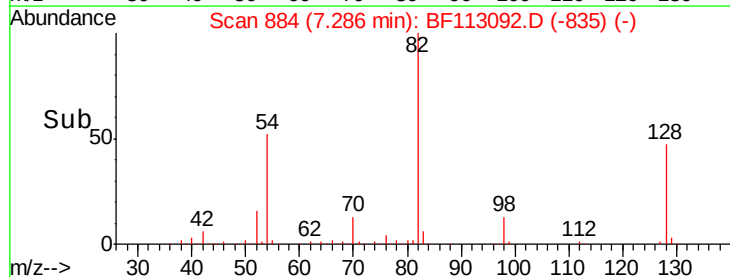


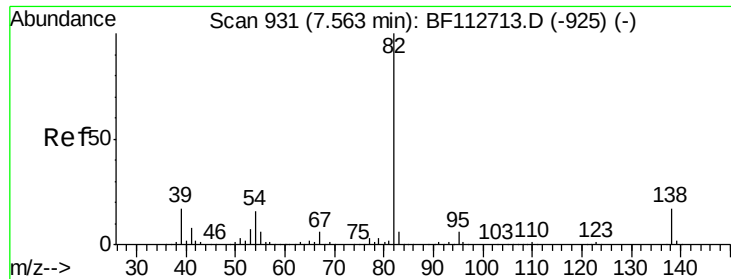
#23
Nitrobenzene-d5
Concen: 45.422 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113092.D
Acq: 18 Mar 2019 16:05

Tgt Ion:	82	Resp:	459625
Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.3	54.5
54	51.8	43.7	65.5



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

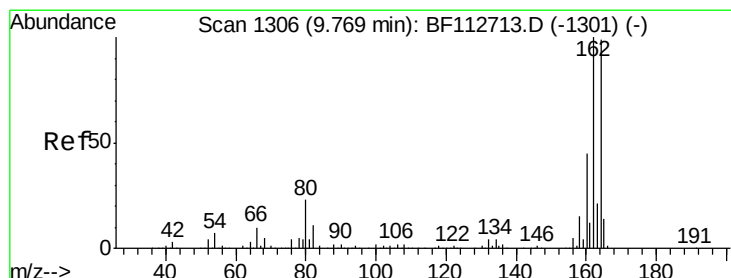
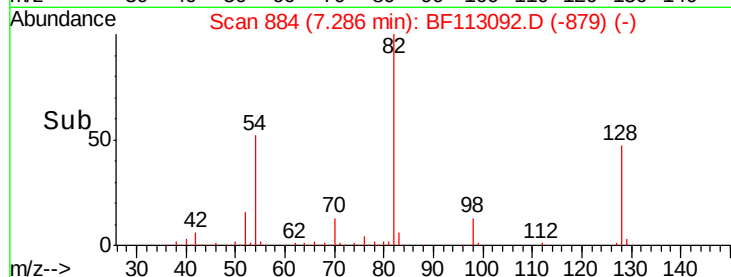
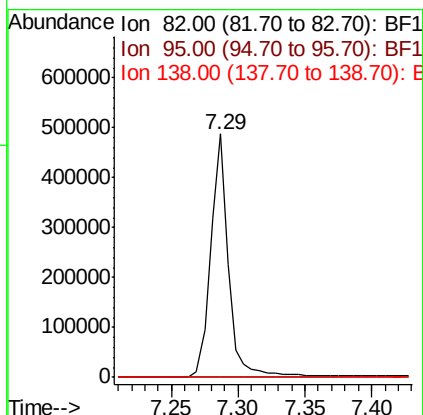
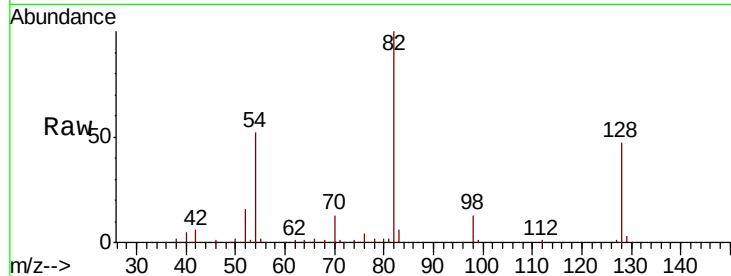




#25
Isophorone
Concen: 20.961 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.27 min
Lab File: BF113092.D
Acq: 18 Mar 2019 16:05

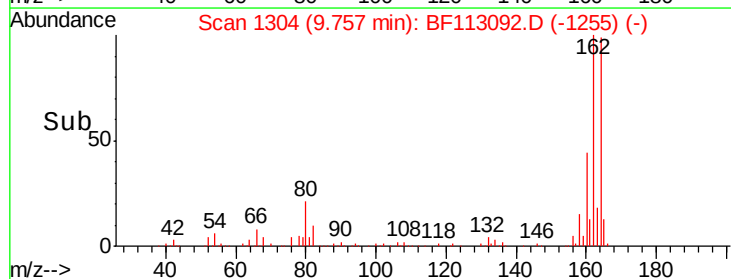
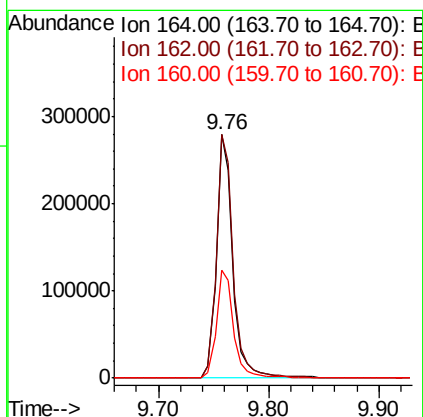
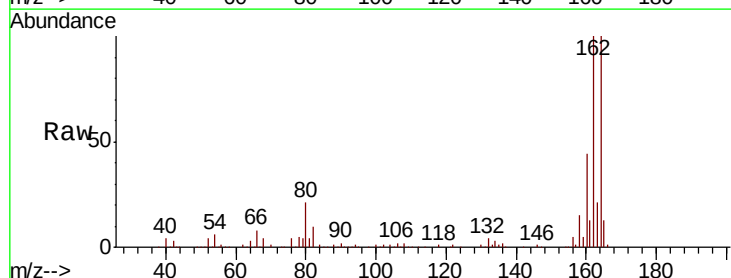
Instrument :
BNA_F
ClientSampleId :
LSP-1

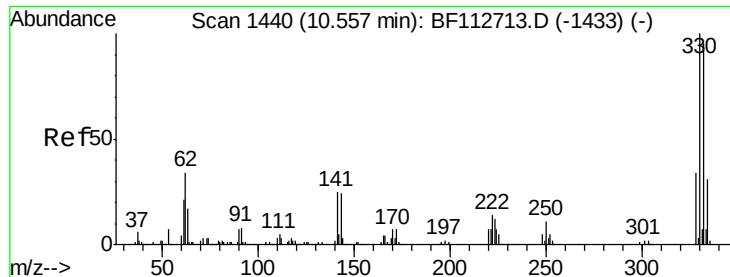
Tgt Ion: 82 Resp: 456951
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 13.8 20.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF113092.D
Acq: 18 Mar 2019 16:05

Tgt Ion: 164 Resp: 285366
Ion Ratio Lower Upper
164 100
162 100.2 80.6 120.8
160 44.3 36.0 54.0

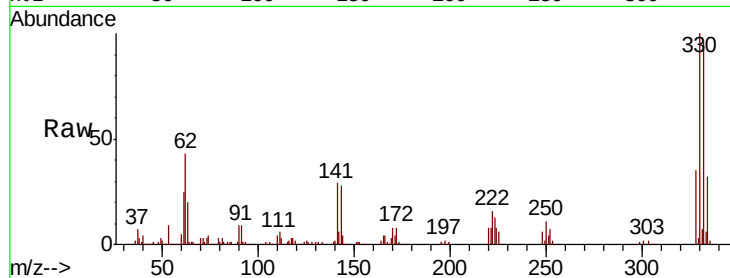




#42
 2,4,6-Tribromophenol
 Concen: 63.754 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF113092.D
 Acq: 18 Mar 2019 16:05

Instrument :
 BNA_F
 ClientSampleId :
 LSP-1

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.2	114.4
141	27.5	27.0	40.6

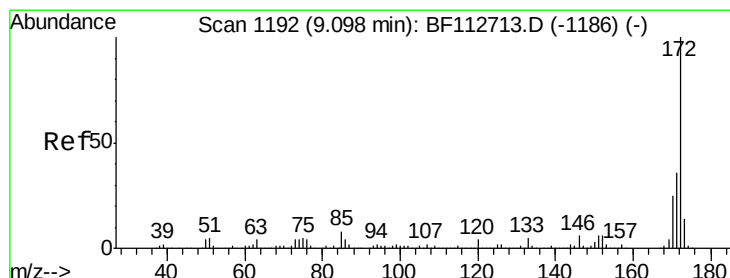
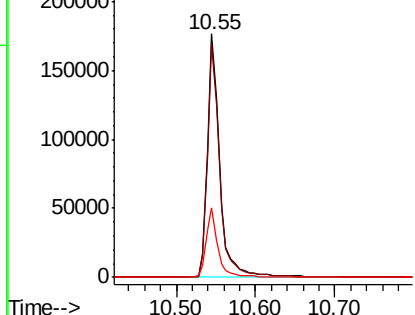
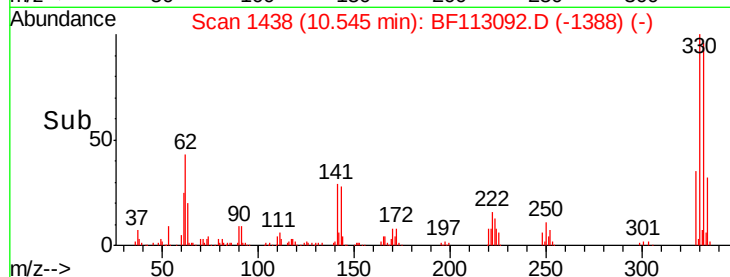


Abundance

Ion 329.80 (329.50 to 330.50): E

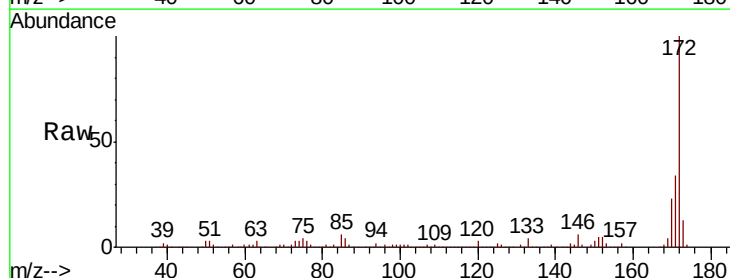
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 39.743 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF113092.D
 Acq: 18 Mar 2019 16:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.2	29.0	43.4
170	23.1	20.0	30.0

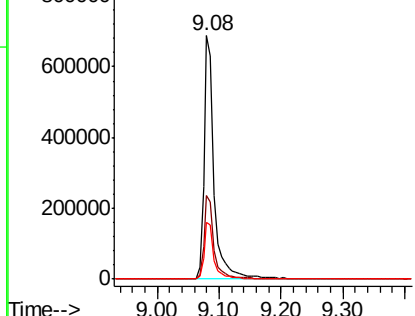
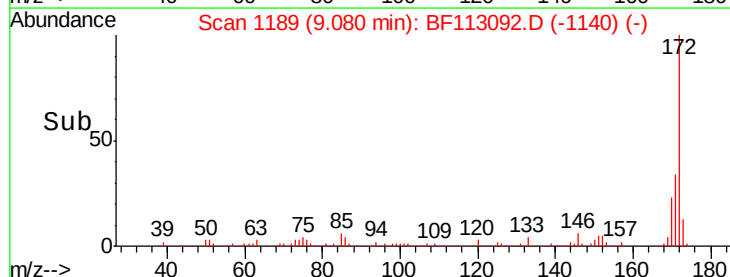


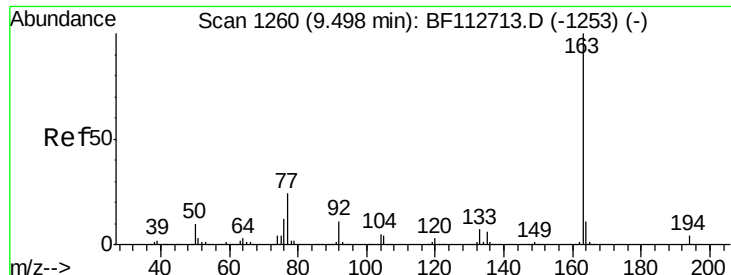
Abundance

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: 2.248 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.02 min

Lab File: BF113092.D

Acq: 18 Mar 2019 16:05

Instrument :

BNA_F

ClientSampled :

LSP-1

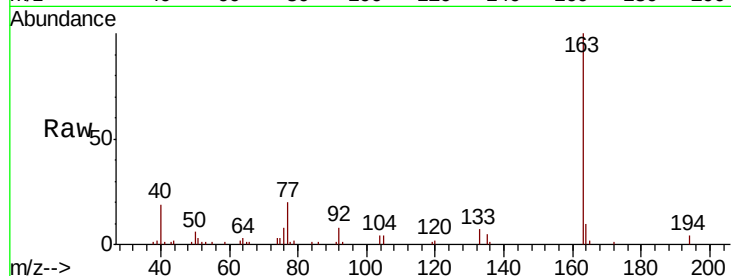
Tgt Ion:163 Resp: 47309

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

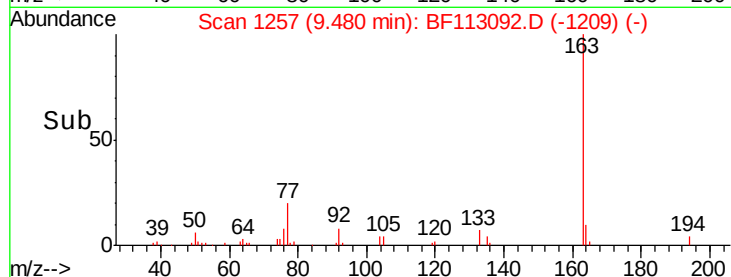
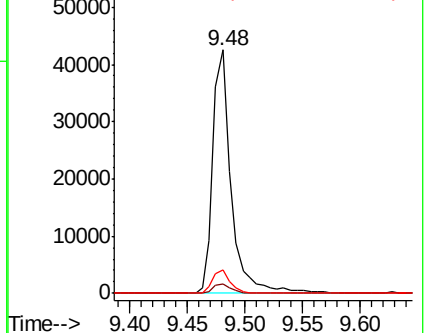
164 9.9 8.4 12.6



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



#51

2,6-Dinitrotoluene

Concen: 8.354 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.21 min

Lab File: BF113092.D

Acq: 18 Mar 2019 16:05

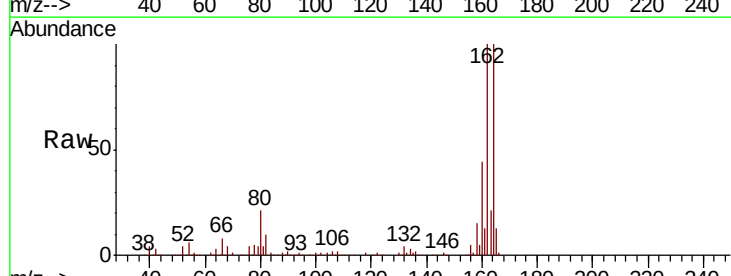
Tgt Ion:165 Resp: 36603

Ion Ratio Lower Upper

165 100

63 1.0 54.1 81.1#

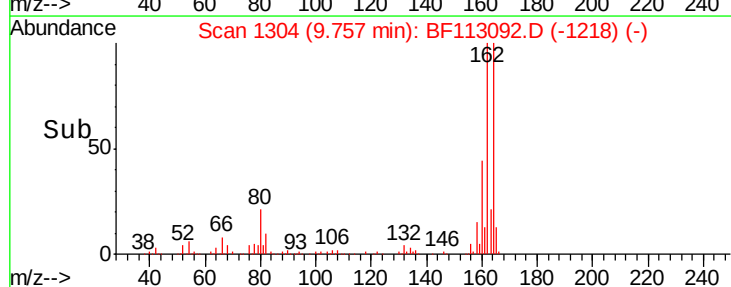
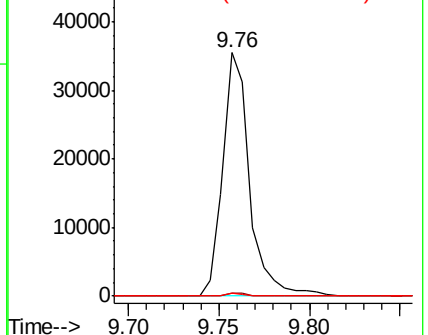
89 1.1 52.8 79.2#

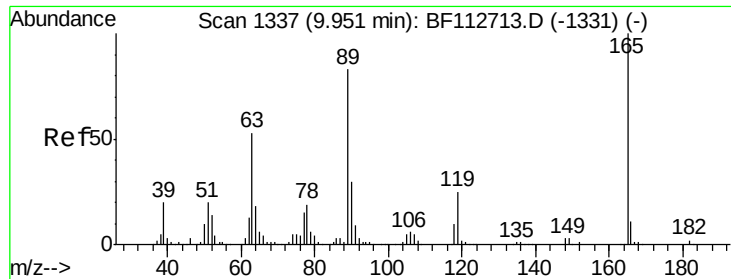


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

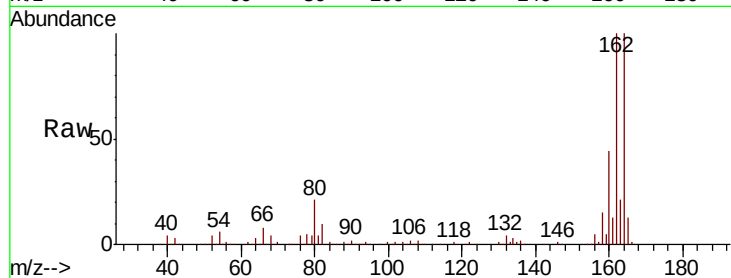




#57
 2,4-Dinitrotoluene
 Concen: 6.721 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.20 min
 Lab File: BF113092.D
 Acq: 18 Mar 2019 16:05

Instrument :
 BNA_F
 ClientSampled :
 LSP-1

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	42.2	63.2#
89	1.1	66.2	99.4#
182	0.0	1.8	2.6#

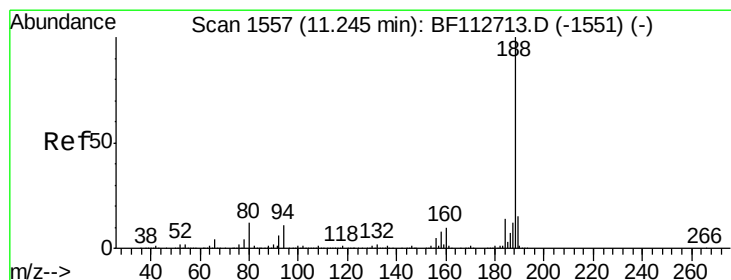
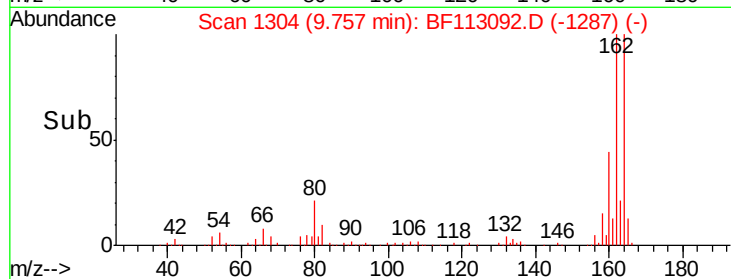
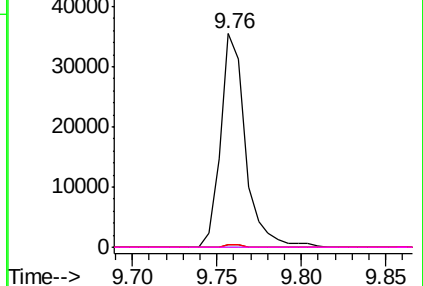


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

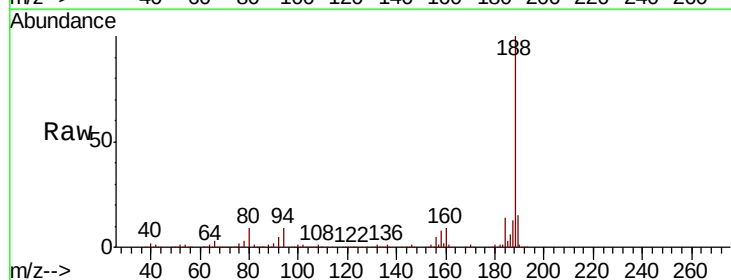
Ion 89.00 (88.70 to 89.70): BF1

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: BF113092.D
 Acq: 18 Mar 2019 16:05

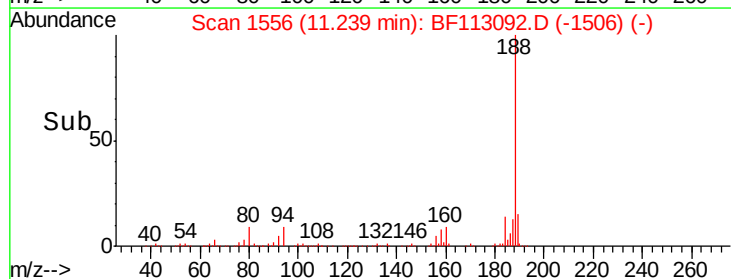
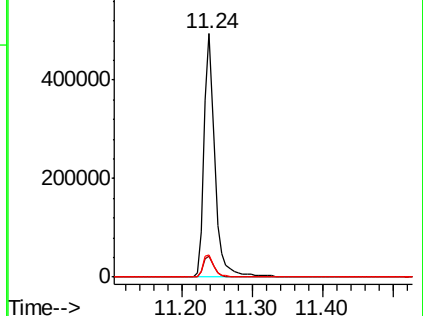
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	9.0	13.4#
80	9.1	9.2	13.8#

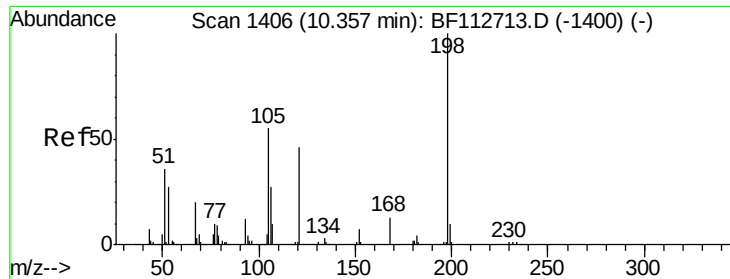


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

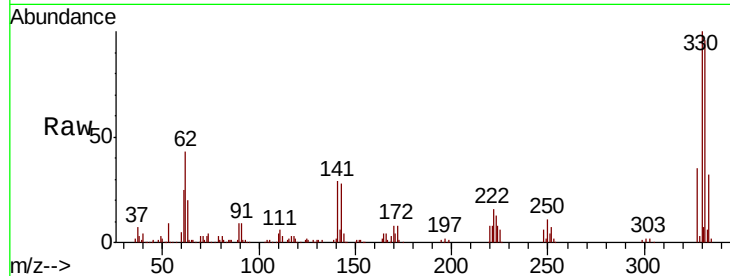




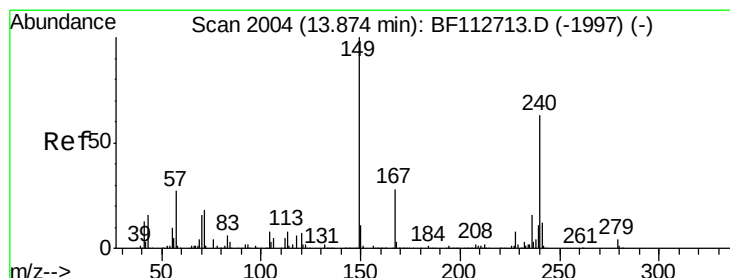
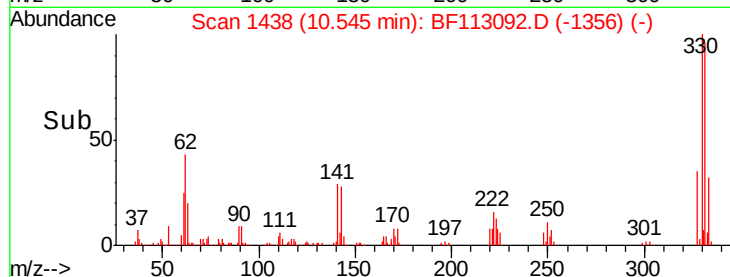
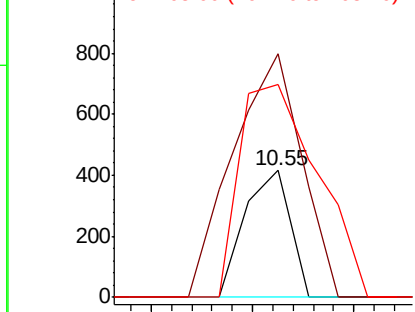
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.721 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.18 min
 Lab File: BF113092.D
 Acq: 18 Mar 2019 16:05

Instrument :
 BNA_F
 ClientSampled :
 LSP-1

Tgt Ion:198 Resp: 259
 Ion Ratio Lower Upper
 198 100
 51 191.8 43.8 83.8#
 105 167.5 36.5 76.5#

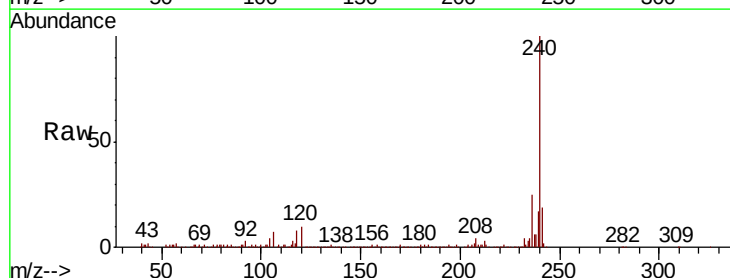


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

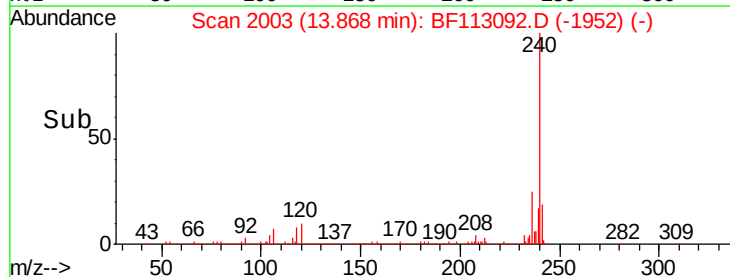
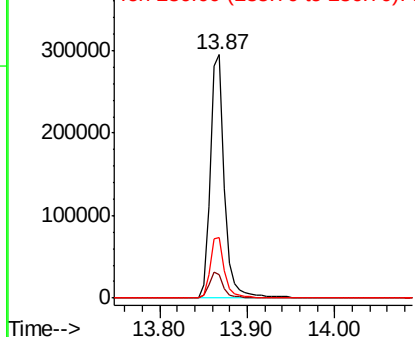


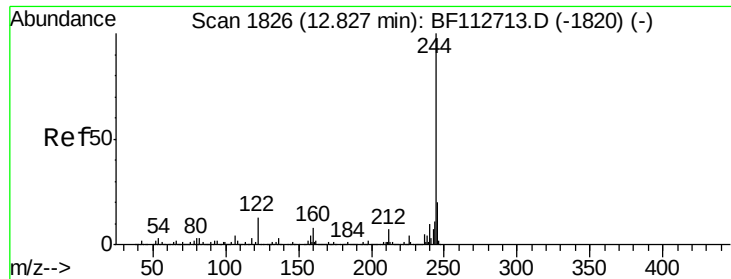
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.00 min
 Lab File: BF113092.D
 Acq: 18 Mar 2019 16:05

Tgt Ion:240 Resp: 332694
 Ion Ratio Lower Upper
 240 100
 120 9.5 8.9 13.3
 236 25.0 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: 35.779 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF113092.D

Acq: 18 Mar 2019 16:05

Instrument :

BNA_F

ClientSampleId :

LSP-1

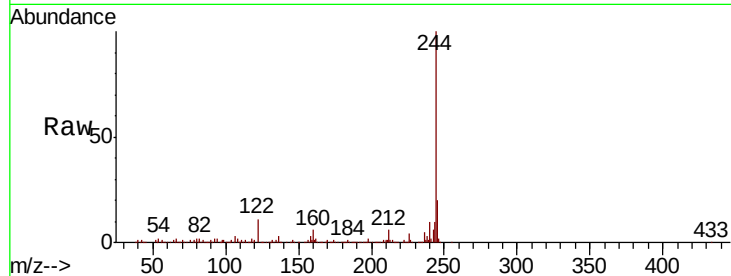
Tgt Ion:244 Resp: 614059

Ion Ratio Lower Upper

244 100

212 6.4 5.6 8.4

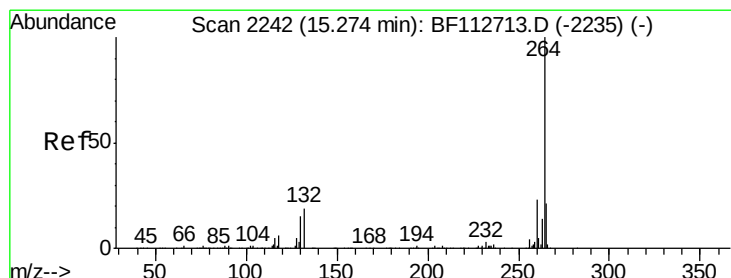
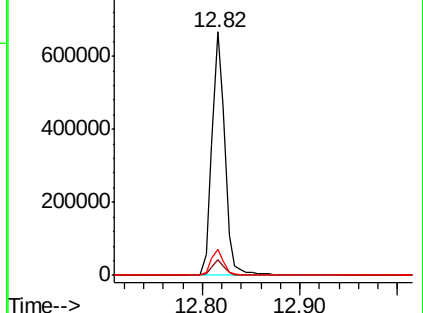
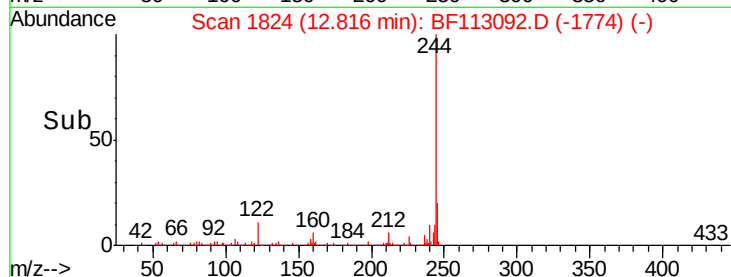
122 10.7 10.5 15.7



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: 15.27 min Scan# 2242

Delta R.T. -0.00 min

Lab File: BF113092.D

Acq: 18 Mar 2019 16:05

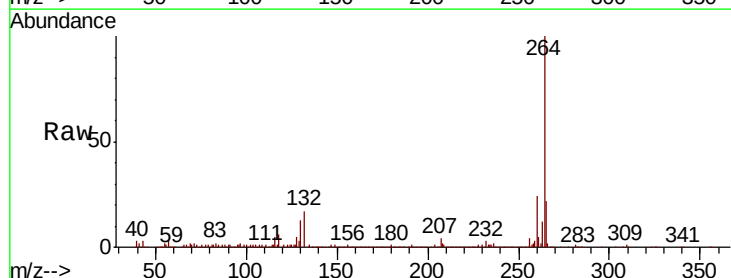
Tgt Ion:264 Resp: 440881

Ion Ratio Lower Upper

264 100

260 24.0 18.7 28.1

265 21.8 17.2 25.8



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

