

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011819\
 Data File : BF112142.D
 Acq On : 18 Jan 2019 23:18
 Operator : JU/SJ
 Sample : K1173-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-3425

Quant Time: Jan 19 00:48:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 23:33:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	288268	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1084611	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	530139	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	980070	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	683683	20.00	ng	-0.01
87) Perylene-d12	15.49	264	683970	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	1748146	110.07	ng	0.01
7) Phenol-d6	6.50	99	1904723	95.85	ng	0.00
23) Nitrobenzene-d5	7.42	82	1633089	104.03	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	806853	141.08	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	3054936	84.48	ng	0.00
79) Terphenyl-d14	12.97	244	3018692	93.93	ng	0.00

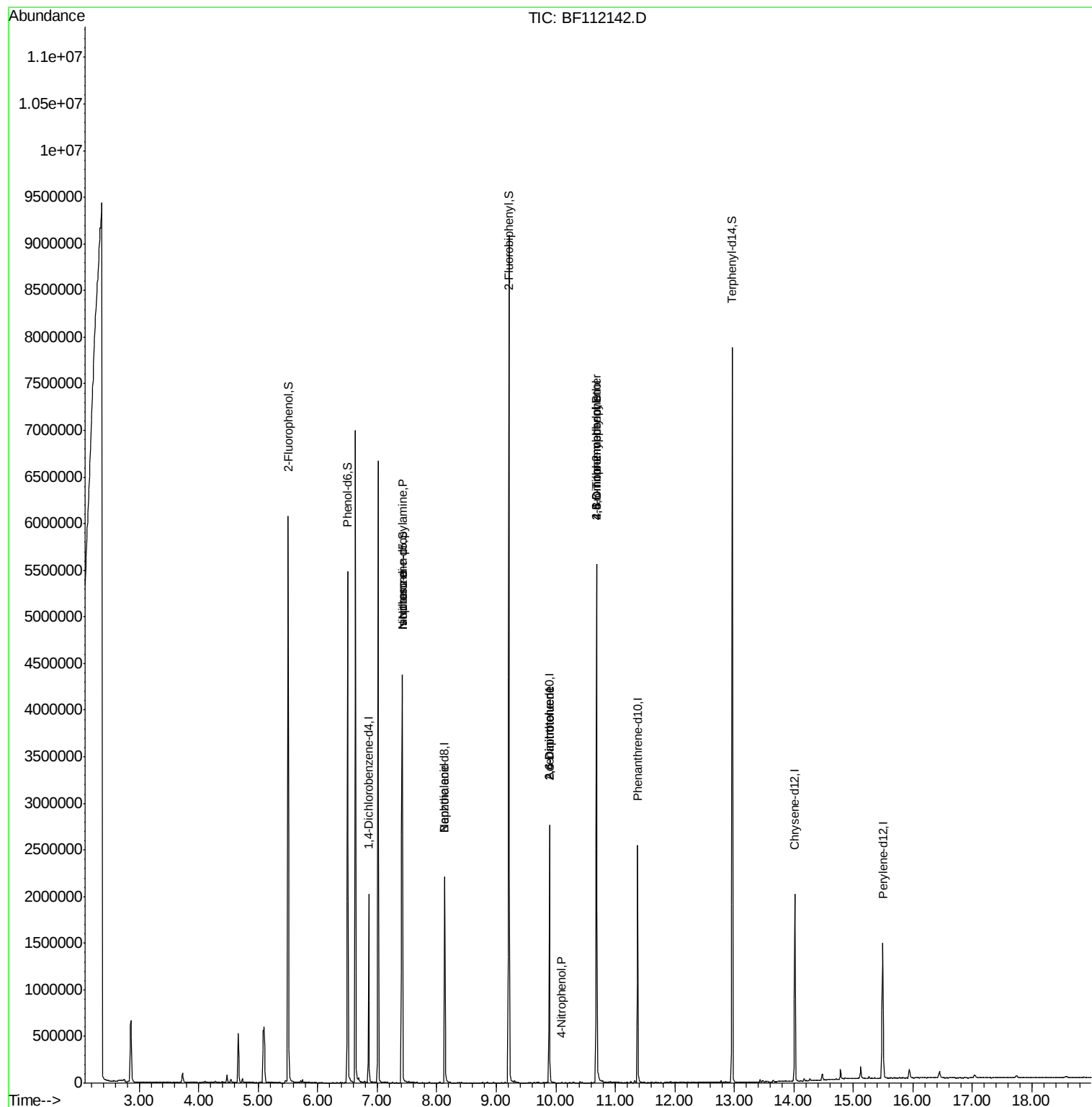
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.50	77	3039	Below Cal		# 1
19) n-Nitroso-di-n-propylamine	7.42	70	220338	18.201	ng	# 75
25) Isophorone	7.42	82	1633308	53.864	ng	# 64
32) Benzoic acid	8.14	122	115	7.187	ng	# 1
51) 2,6-Dinitrotoluene	9.89	165	69098	8.949	ng	# 34
56) 4-Nitrophenol	10.10	139	253	5.693	ng	# 12
57) 2,4-Dinitrotoluene	9.89	165	69098	10.888	ng	# 32
65) 4,6-Dinitro-2-methylphenol	10.69	198	1350	10.331	ng	# 1
67) 4-Bromophenyl-phenylether	10.69	248	48360	4.248	ng	# 1

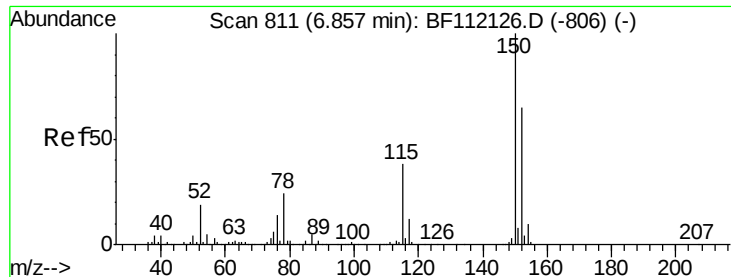
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011819\
Data File : BF112142.D
Acq On : 18 Jan 2019 23:18
Operator : JU/SJ
Sample : K1173-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT-3425

Quant Time: Jan 19 00:48:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 23:33:58 2019
Response via : Initial Calibration



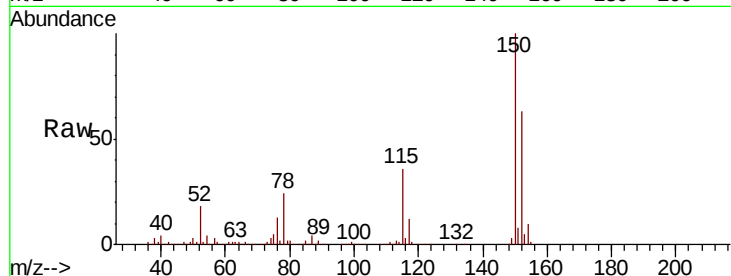


#1

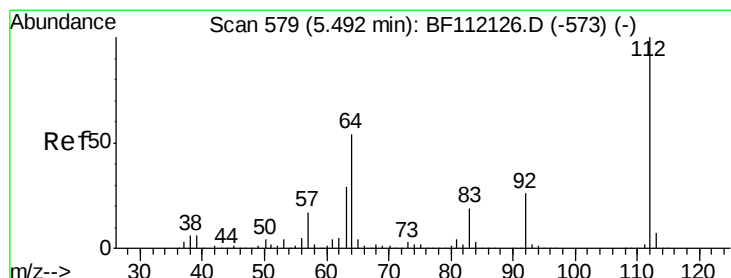
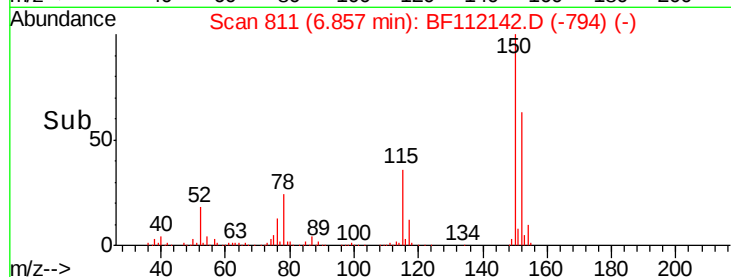
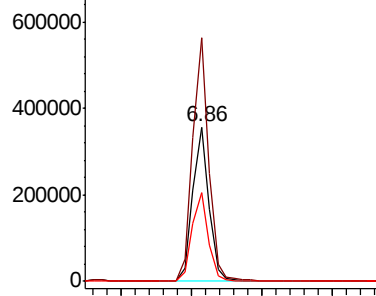
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF112142.D
Acq: 18 Jan 2019 23:18

Instrument :
BNA_F
ClientSampleId :
RT-3425

Tgt Ion:152 Resp: 288268
Ion Ratio Lower Upper
152 100
150 157.7 127.4 191.0
115 57.5 45.5 68.3



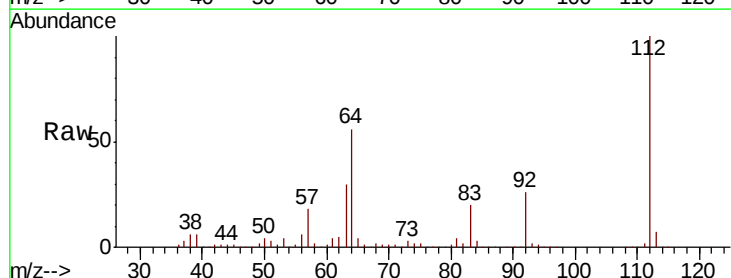
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



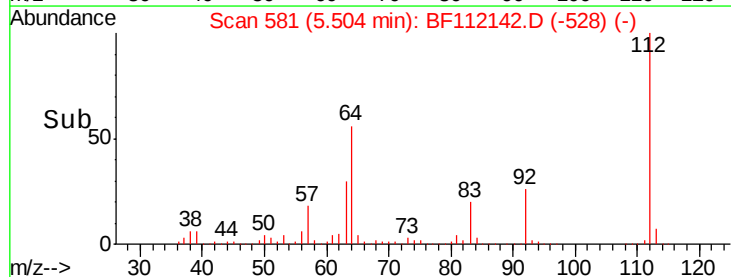
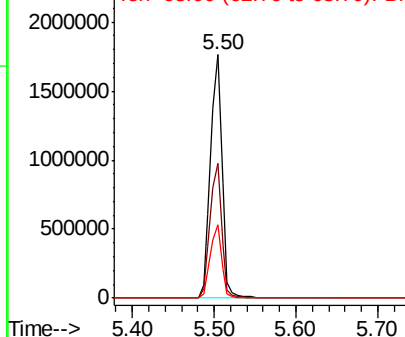
#5

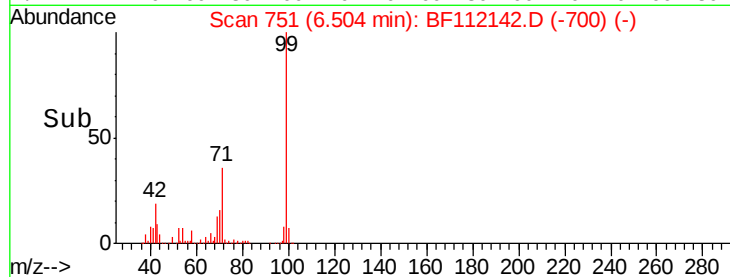
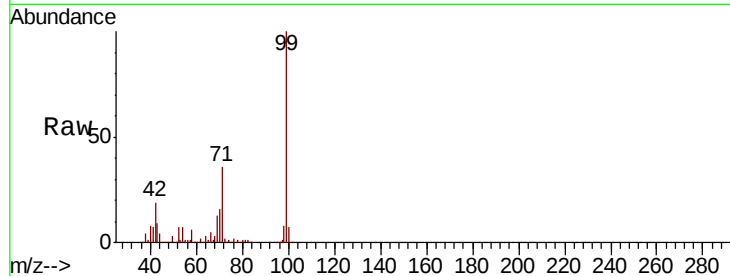
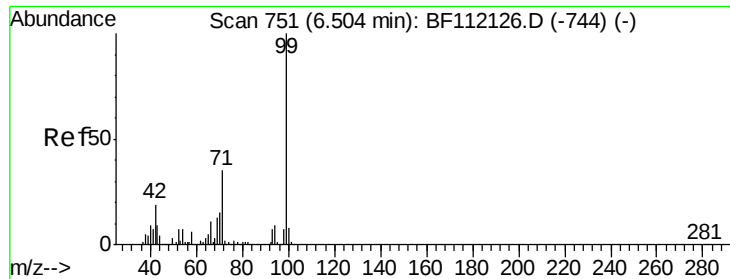
2-Fluorophenol
Concen: 110.069 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF112142.D
Acq: 18 Jan 2019 23:18

Tgt Ion:112 Resp: 1748146
Ion Ratio Lower Upper
112 100
64 55.6 45.7 68.5
63 30.4 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: 95.854 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF112142.D

Acq: 18 Jan 2019 23:18

Instrument :

BNA_F

ClientSampleId :

RT-3425

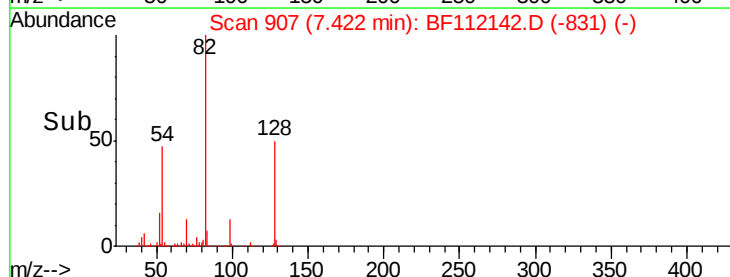
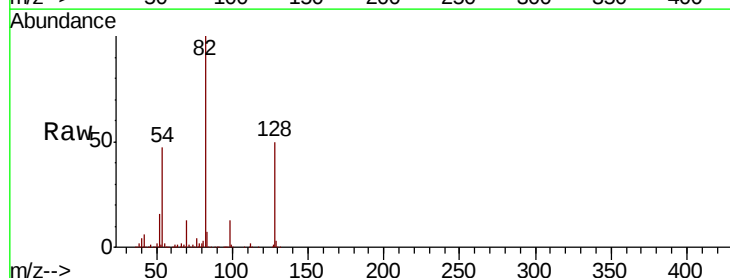
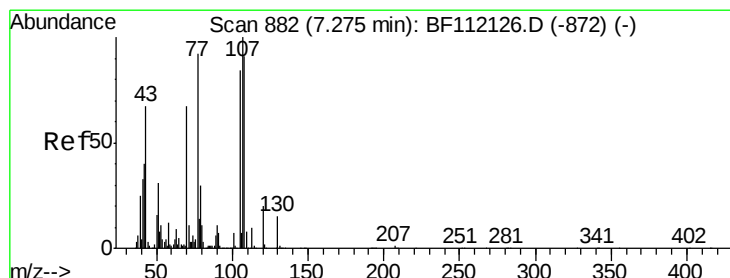
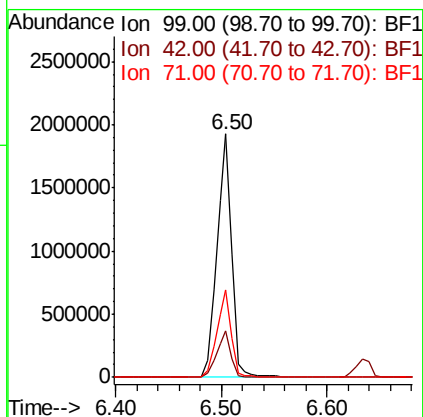
Tgt Ion: 99 Resp: 1904723

Ion Ratio Lower Upper

99 100

42 19.1 15.1 22.7

71 36.0 26.9 40.3



#19

n-Nitroso-di-n-propylamine

Concen: 18.201 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.15 min

Lab File: BF112142.D

Acq: 18 Jan 2019 23:18

Tgt Ion: 70 Resp: 220338

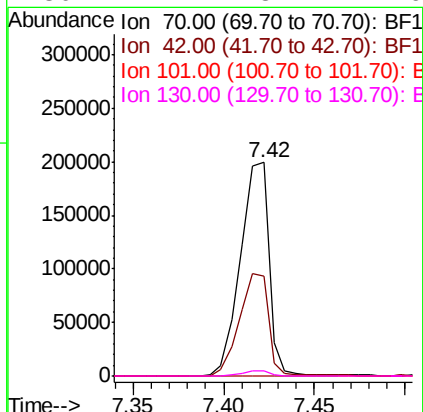
Ion Ratio Lower Upper

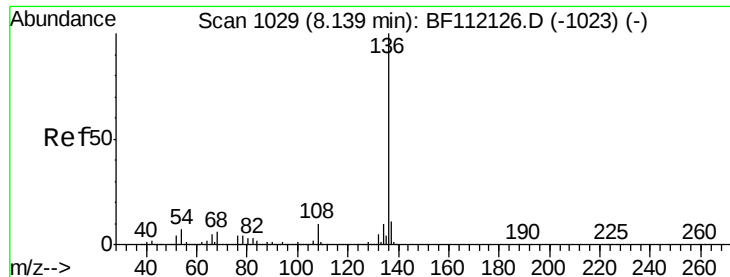
70 100

42 46.5 47.6 71.4#

101 0.0 7.9 11.9#

130 2.4 18.4 27.6#

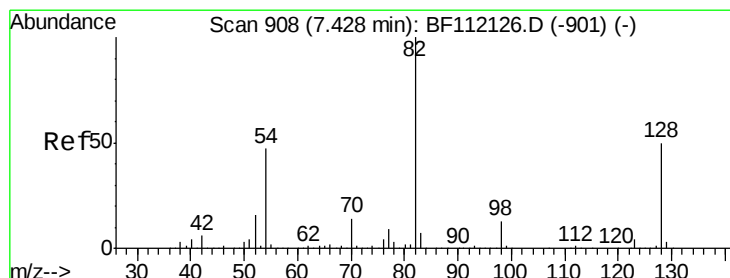
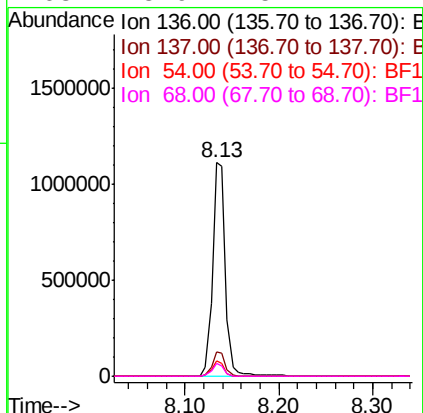
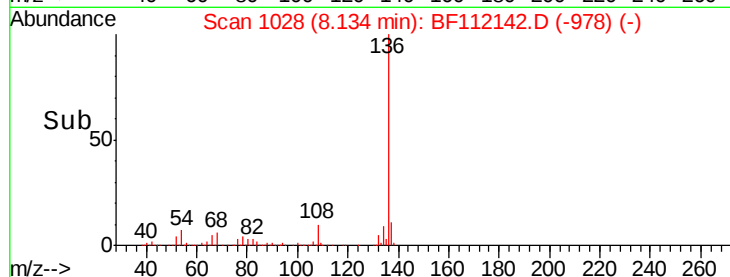
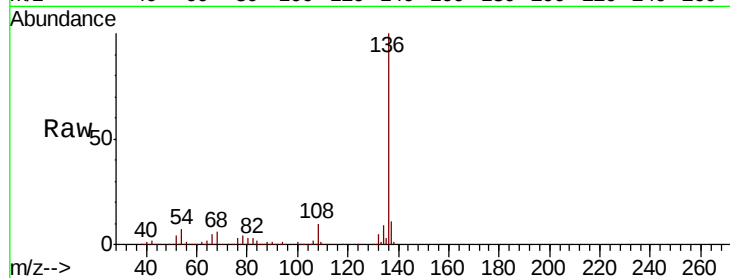




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF112142.D
Acq: 18 Jan 2019 23:18

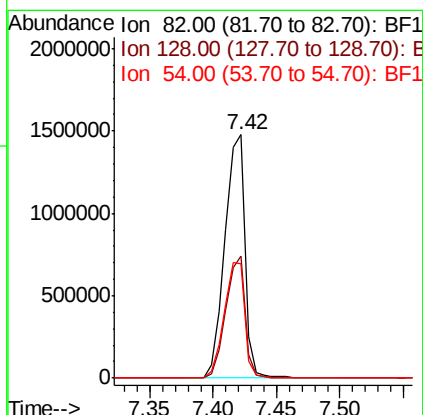
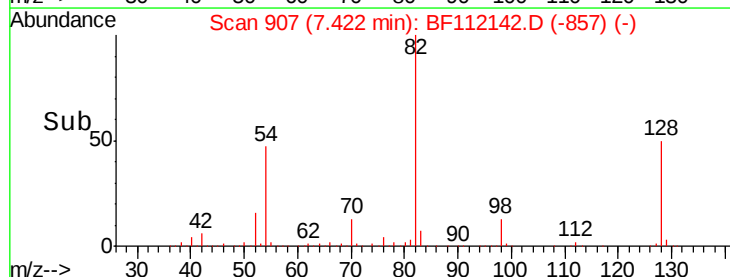
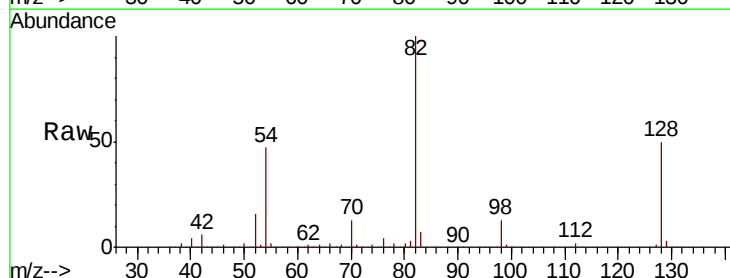
Instrument :
BNA_F
ClientSampleId :
RT-3425

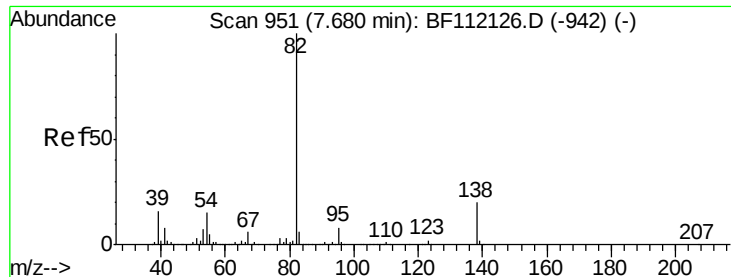
Tgt Ion:	136	Resp:	1084611
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	7.4	5.9	8.9
68	5.9	5.1	7.7



#23
Nitrobenzene-d5
Concen: 104.027 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF112142.D
Acq: 18 Jan 2019 23:18

Tgt Ion:	82	Resp:	1633089
Ion	Ratio	Lower	Upper
82	100		
128	50.3	37.8	56.8
54	47.1	39.7	59.5





#25

Isophorone

Concen: 53.864 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.26 min

Lab File: BF112142.D

Acq: 18 Jan 2019 23:18

Instrument :

BNA_F

ClientSampleId :

RT-3425

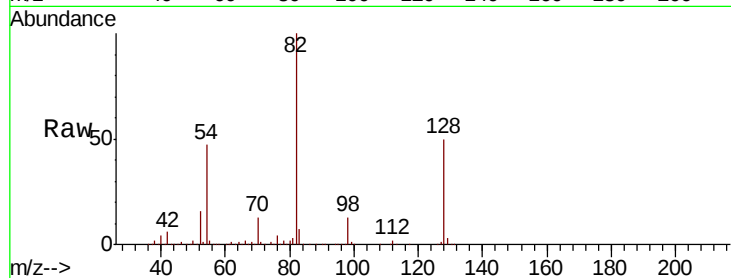
Tgt Ion: 82 Resp: 1633308

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

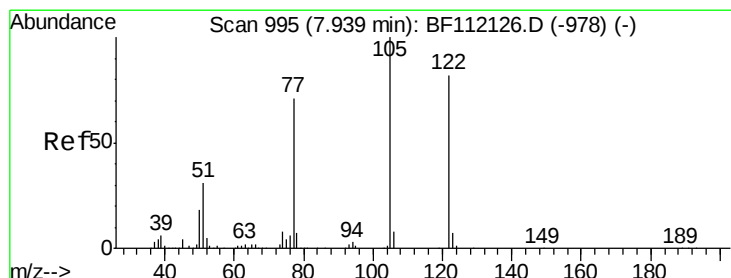
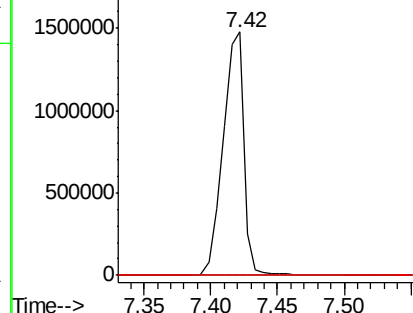
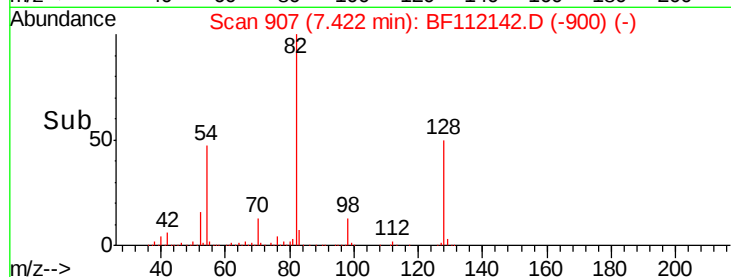
138 0.0 15.4 23.0#



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



#32

Benzoic acid

Concen: 7.187 ng

RT: 8.14 min Scan# 1029

Delta R.T. 0.20 min

Lab File: BF112142.D

Acq: 18 Jan 2019 23:18

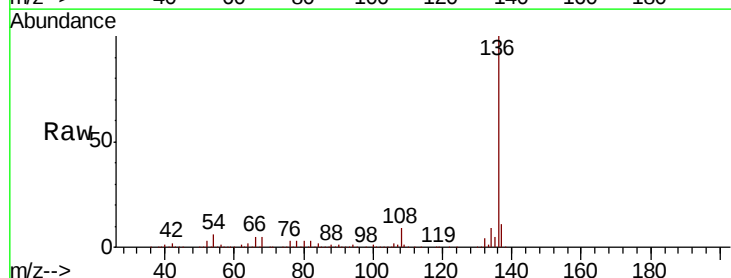
Tgt Ion: 122 Resp: 115

Ion Ratio Lower Upper

122 100

105 335.5 101.2 141.2#

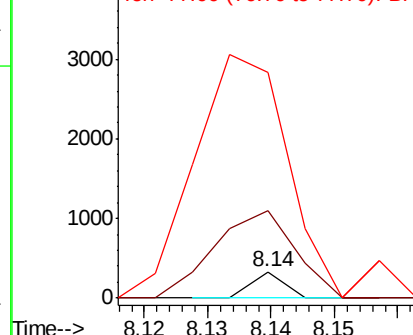
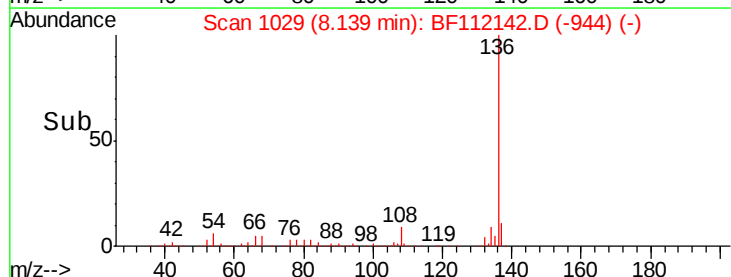
77 867.3 70.4 110.4#

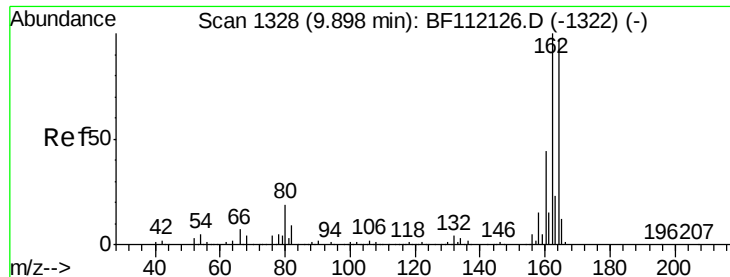


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

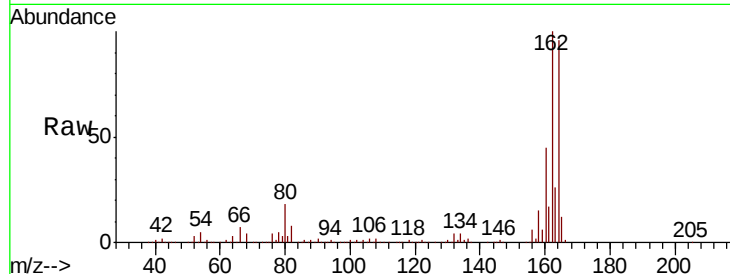




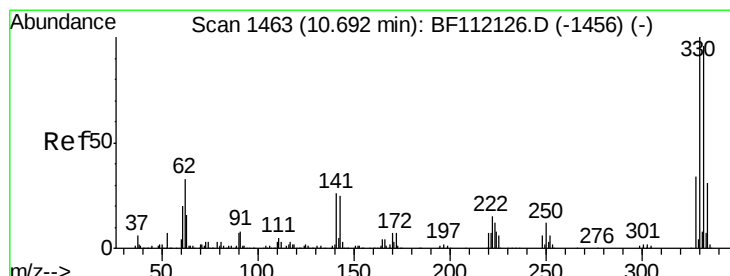
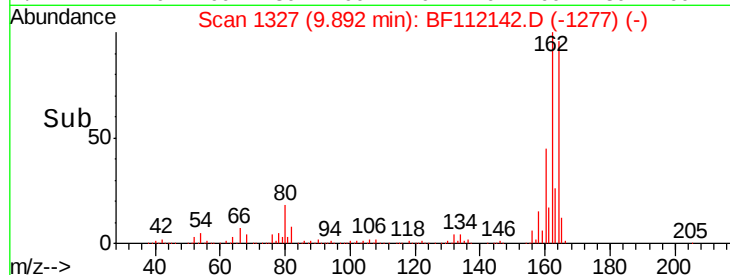
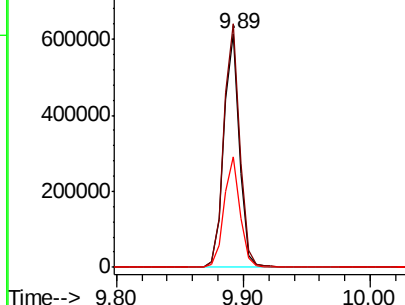
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF112142.D
Acq: 18 Jan 2019 23:18

Instrument :
BNA_F
ClientSampleId :
RT-3425

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	82.2	123.4
160	47.2	36.2	54.4

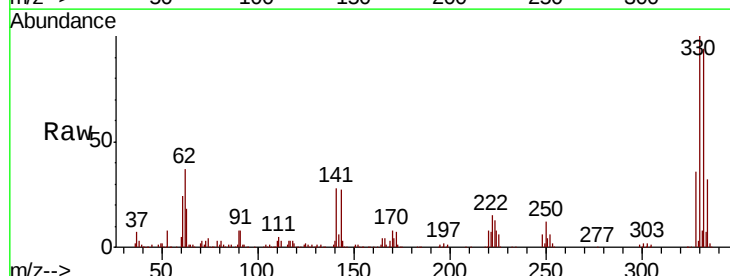


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

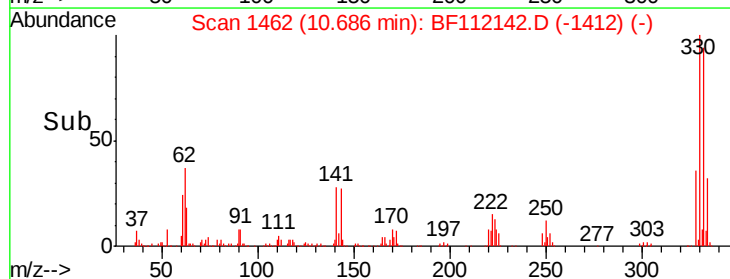
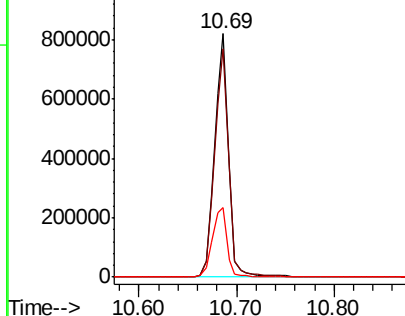


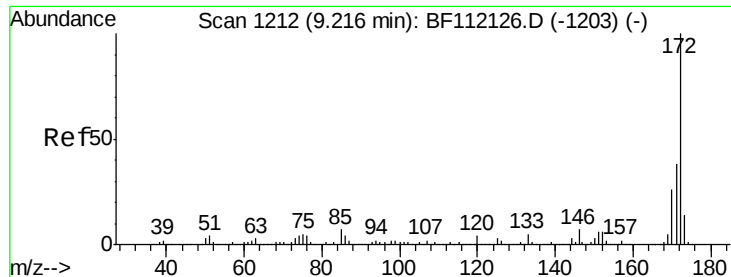
#42
2,4,6-Tribromophenol
Concen: 141.082 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF112142.D
Acq: 18 Jan 2019 23:18

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.6	114.8
141	30.7	24.3	36.5



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

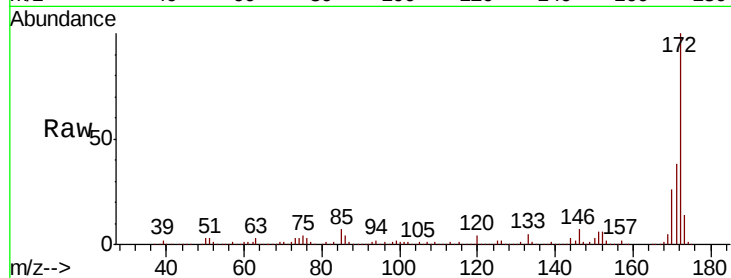




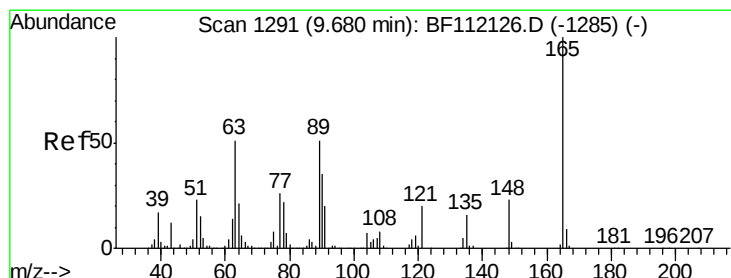
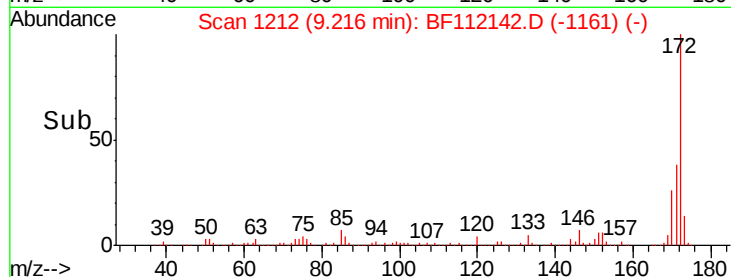
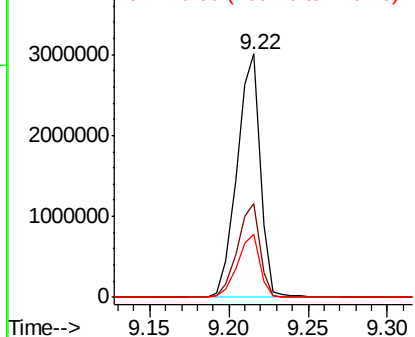
#45
2-Fluorobiphenyl
Concen: 84.485 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF112142.D
Acq: 18 Jan 2019 23:18

Instrument :
BNA_F
ClientSampleId :
RT-3425

Tgt Ion:172 Resp: 3054936
Ion Ratio Lower Upper
172 100
171 38.3 30.5 45.7
170 25.9 20.2 30.4

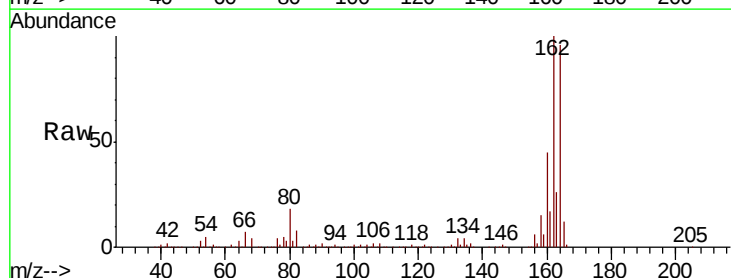


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

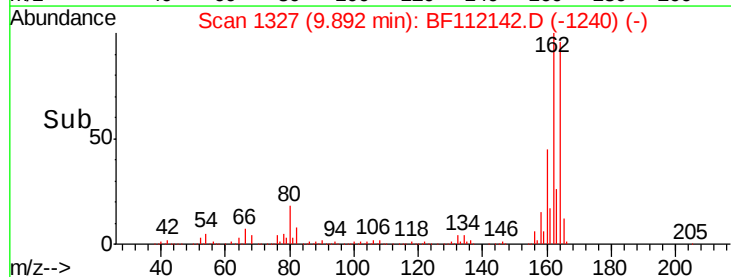
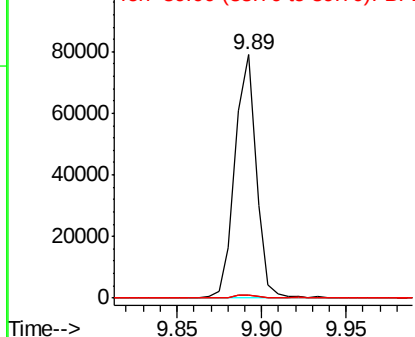


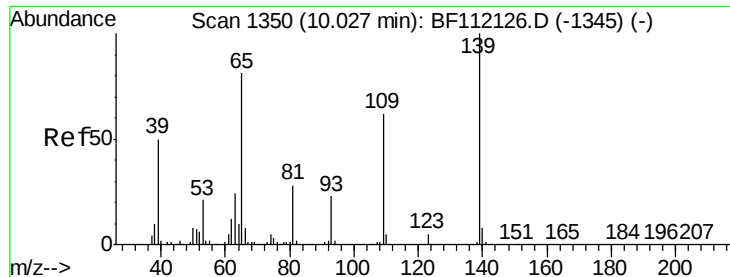
#51
2,6-Dinitrotoluene
Concen: 8.949 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.21 min
Lab File: BF112142.D
Acq: 18 Jan 2019 23:18

Tgt Ion:165 Resp: 69098
Ion Ratio Lower Upper
165 100
63 1.3 33.8 50.8#
89 1.4 36.9 55.3#



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

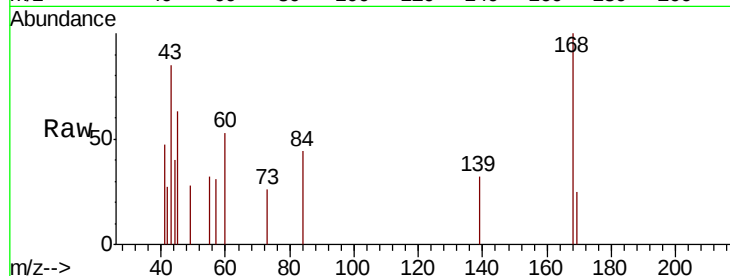




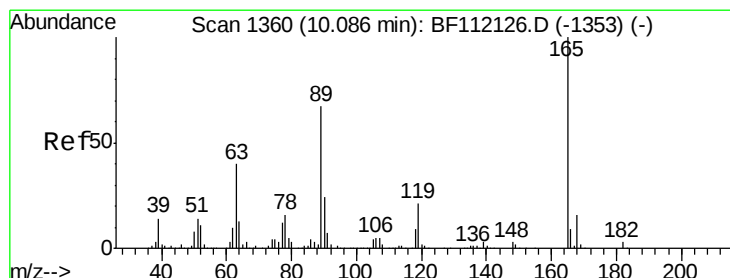
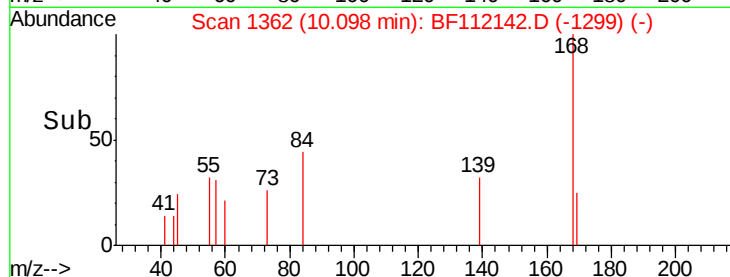
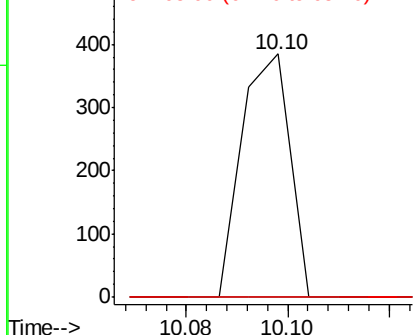
#56
4-Nitrophenol
Concen: 5.693 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.07 min
Lab File: BF112142.D
Acq: 18 Jan 2019 23:18

Instrument :
BNA_F
ClientSampleId :
RT-3425

Tgt Ion:139 Resp: 253
Ion Ratio Lower Upper
139 100
109 0.0 42.8 82.8#
65 0.0 66.1 106.1#

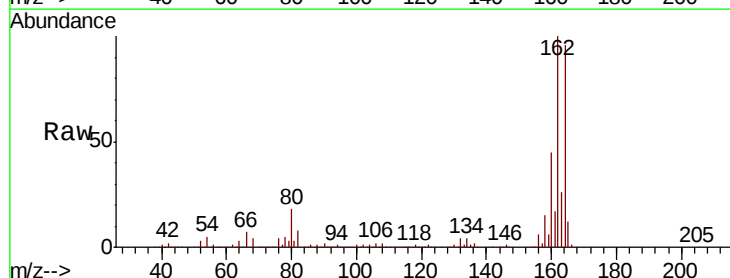


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

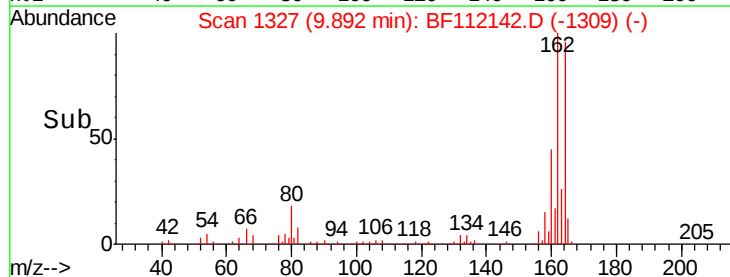
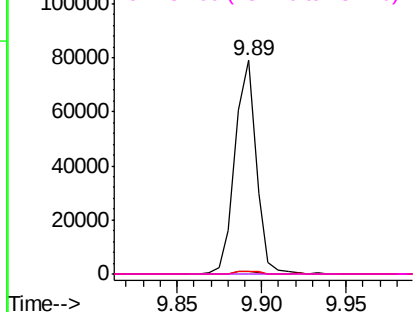


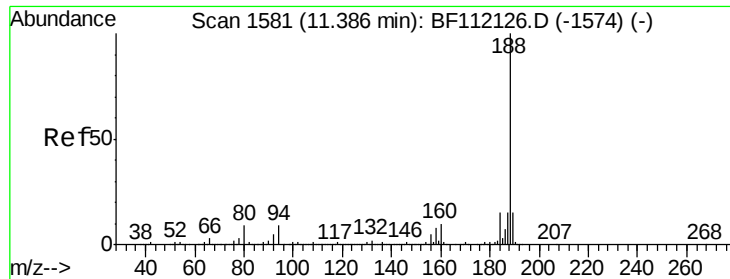
#57
2,4-Dinitrotoluene
Concen: 10.888 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.19 min
Lab File: BF112142.D
Acq: 18 Jan 2019 23:18

Tgt Ion:165 Resp: 69098
Ion Ratio Lower Upper
165 100
63 1.3 27.9 41.9#
89 1.4 47.9 71.9#
182 0.0 2.2 3.4#



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

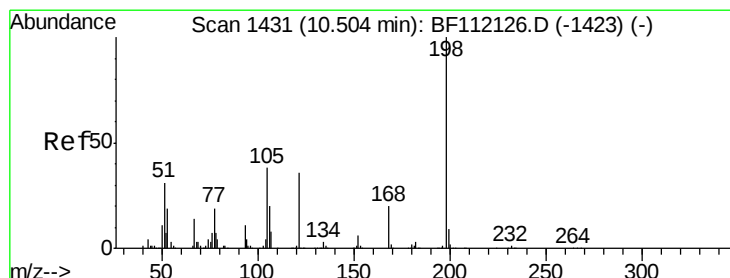
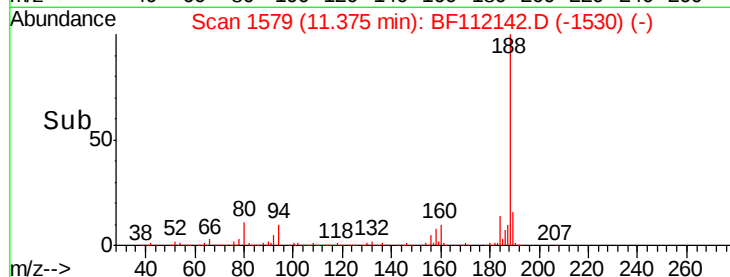
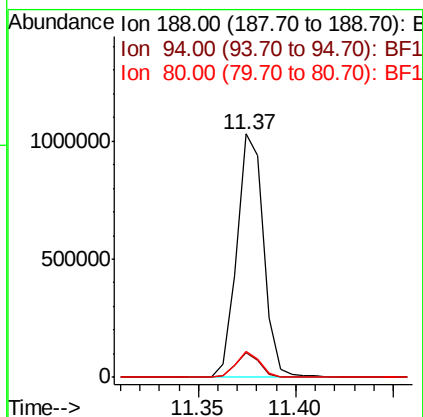
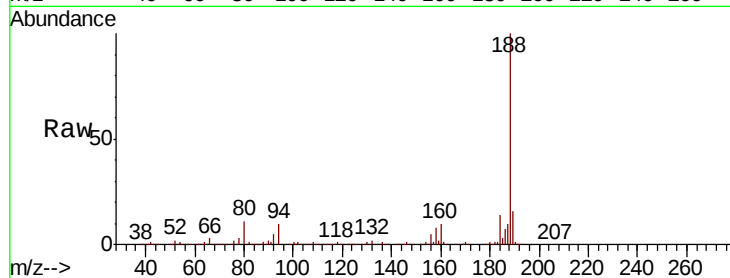




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF112142.D
Acq: 18 Jan 2019 23:18

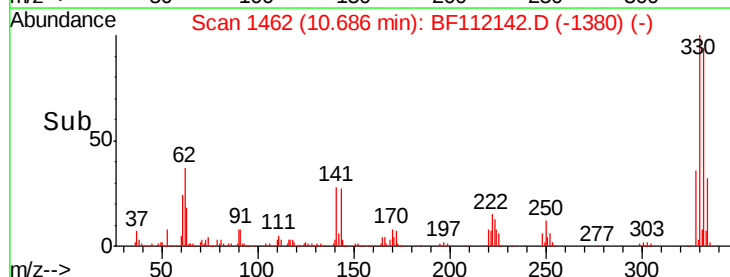
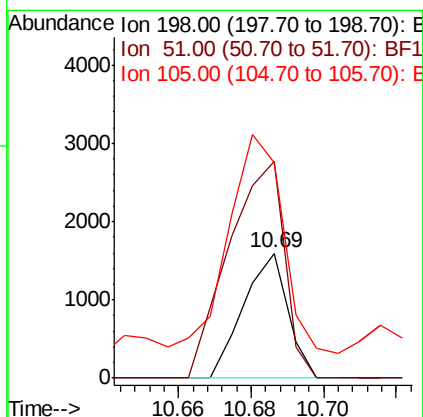
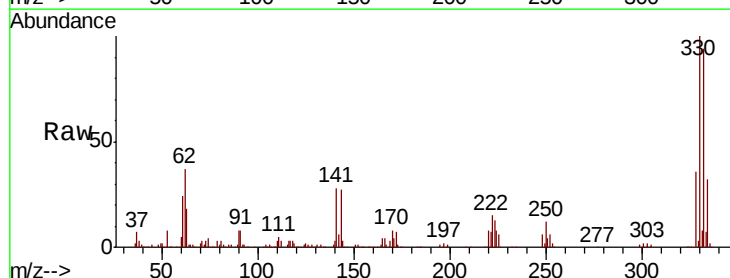
Instrument :
BNA_F
ClientSampleId :
RT-3425

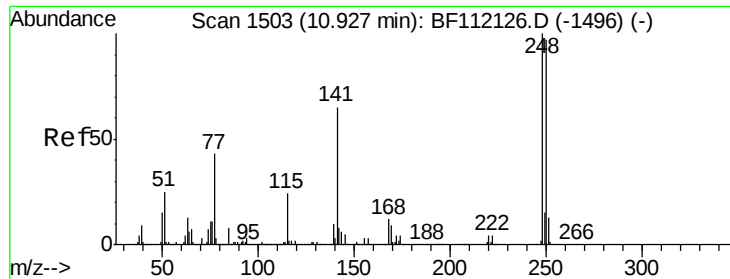
Tgt Ion:188 Resp: 980070
Ion Ratio Lower Upper
188 100
94 9.9 8.2 12.2
80 10.8 8.9 13.3



#65
4,6-Dinitro-2-methylphenol
Concen: 10.331 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.18 min
Lab File: BF112142.D
Acq: 18 Jan 2019 23:18

Tgt Ion:198 Resp: 1350
Ion Ratio Lower Upper
198 100
51 173.4 17.2 57.2#
105 172.3 21.9 61.9#

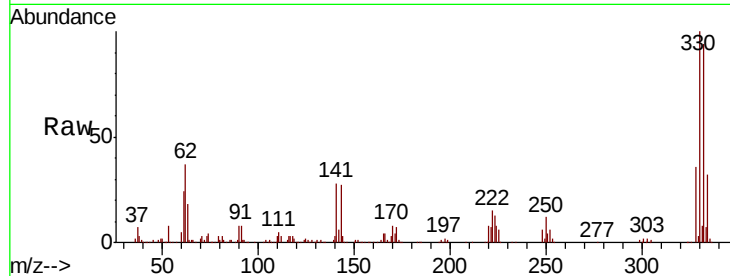




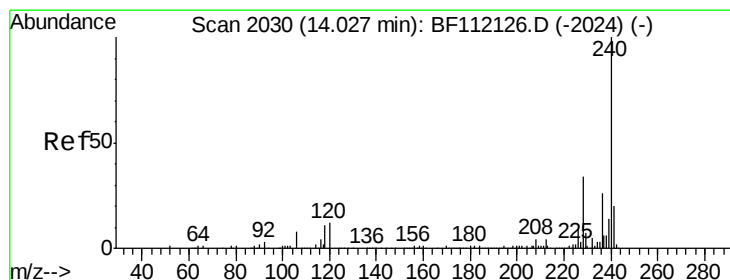
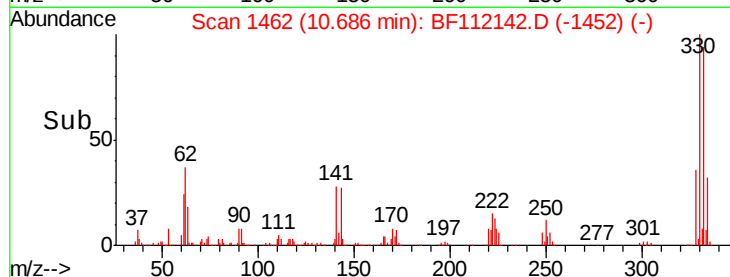
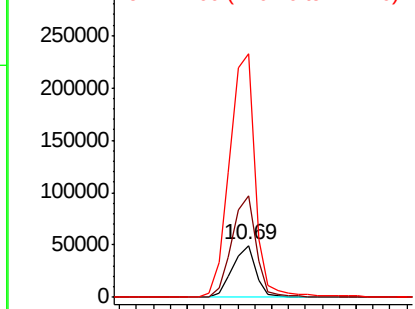
#67
4-Bromophenyl-phenylether
Concen: 4.248 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.24 min
Lab File: BF112142.D
Acq: 18 Jan 2019 23:18

Instrument :
BNA_F
ClientSampleId :
RT-3425

Tgt Ion:248 Resp: 48360
Ion Ratio Lower Upper
248 100
250 194.4 79.7 119.5#
141 466.3 60.3 90.5#

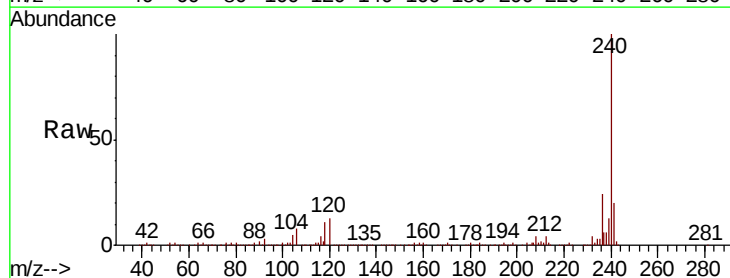


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

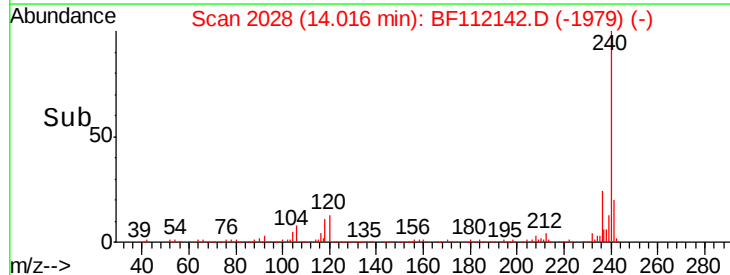
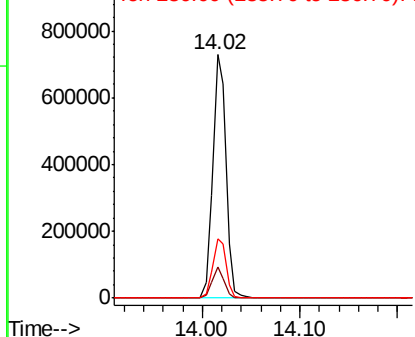


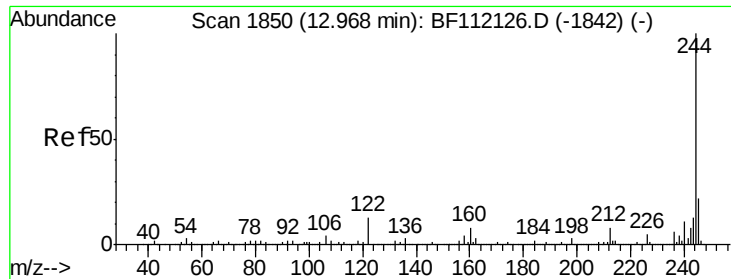
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF112142.D
Acq: 18 Jan 2019 23:18

Tgt Ion:240 Resp: 683683
Ion Ratio Lower Upper
240 100
120 12.9 9.0 13.6
236 24.5 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: 93.931 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BF112142.D

Acq: 18 Jan 2019 23:18

Instrument :

BNA_F

ClientSampleId :

RT-3425

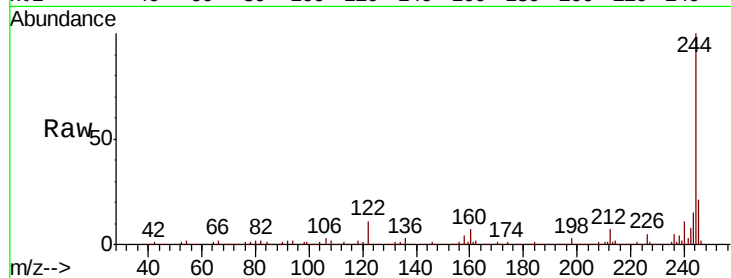
Tgt Ion:244 Resp: 3018692

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

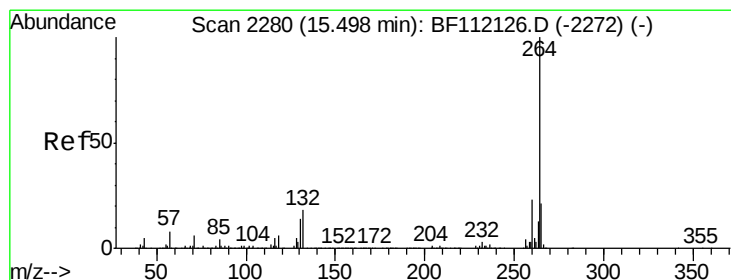
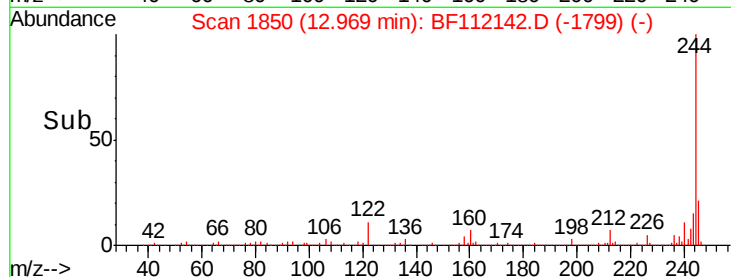
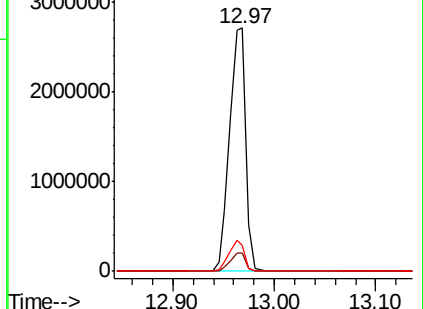
122 10.7 9.8 14.6



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: 15.49 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BF112142.D

Acq: 18 Jan 2019 23:18

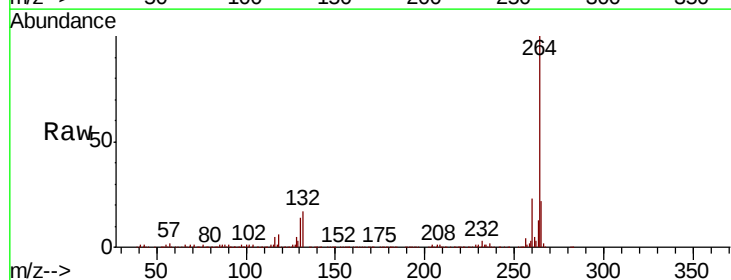
Tgt Ion:264 Resp: 683970

Ion Ratio Lower Upper

264 100

260 23.2 18.2 27.2

265 21.5 17.0 25.4



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

