

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101118\
 Data File : BF109813.D
 Acq On : 12 Oct 2018 4:19
 Operator : JU/SJ
 Sample : J5296-05
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 100418-SIDI-E-D-B

Quant Time: Oct 12 06:37:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	66069	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	235567	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	98128	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	200126	20.00	ng	0.00
75) Chrysene-d12	13.83	240	226176	20.00	ng	0.00
86) Perylene-d12	15.23	264	146029	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.31	112	140378	37.71	ng	-0.01
7) Phenol-d6	6.35	99	115959	23.32	ng	-0.01
23) Nitrobenzene-d5	7.26	82	452221	105.82	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	108509	101.49	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	736902	103.43	ng	0.00
78) Terphenyl-d14	12.78	244	862244	73.80	ng	0.00

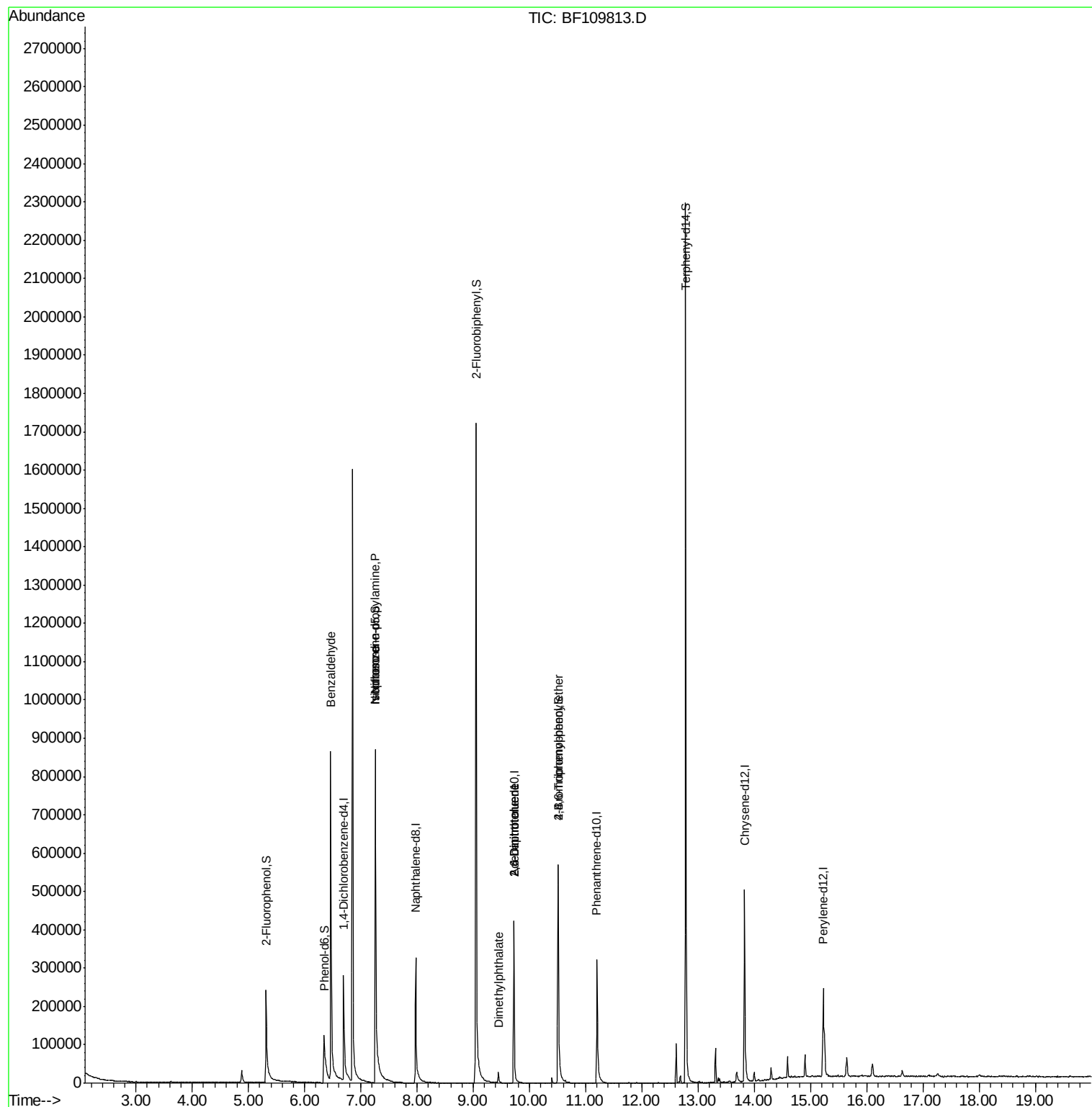
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.46	77	6723	2.101	ng	# 71
19) n-Nitroso-di-n-propylamine	7.26	70	56292	16.143	ng	# 79
25) Isophorone	7.26	82	458091	64.553	ng	# 67
49) Dimethylphthalate	9.45	163	18210	2.530	ng	# 94
50) 2,6-Dinitrotoluene	9.72	165	11760	7.538	ng	# 21
56) 2,4-Dinitrotoluene	9.72	165	11760	6.041	ng	# 17
66) 4-Bromophenyl-phenylether	10.51	248	6238	2.713	ng	# 1

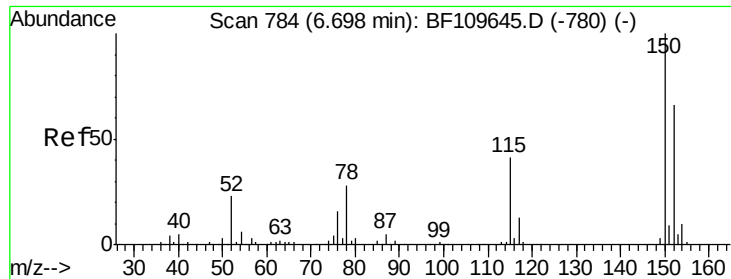
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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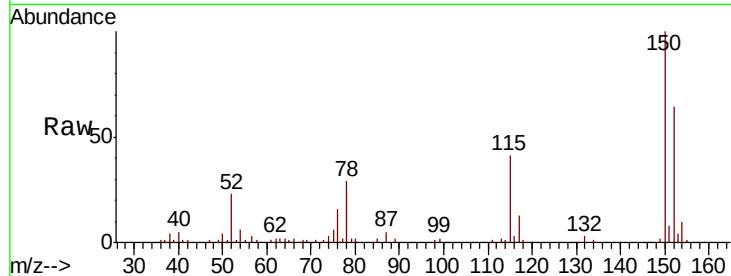


#1

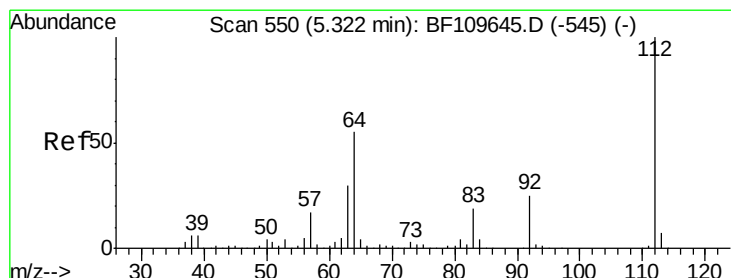
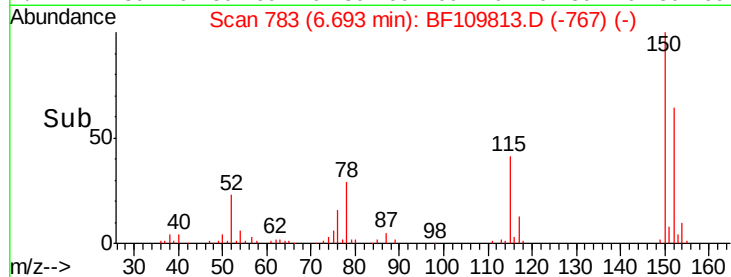
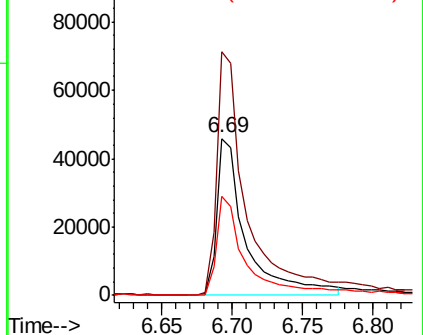
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF109813.D
Acq: 12 Oct 2018 4:19

Instrument :
BNA_F
ClientSampleId :
100418-SIDI-E-D-B

Tgt Ion:152 Resp: 66069
Ion Ratio Lower Upper
152 100
150 155.5 122.7 184.1
115 63.2 49.1 73.7



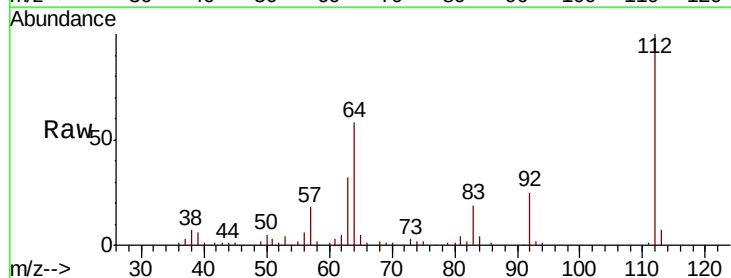
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



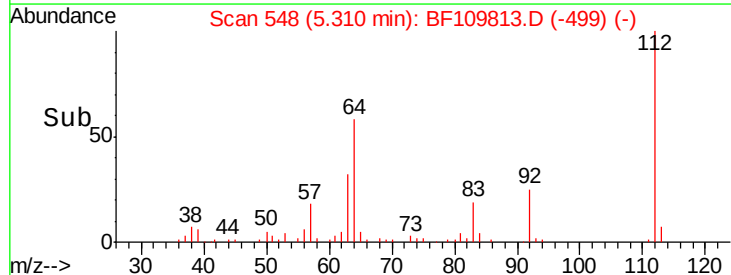
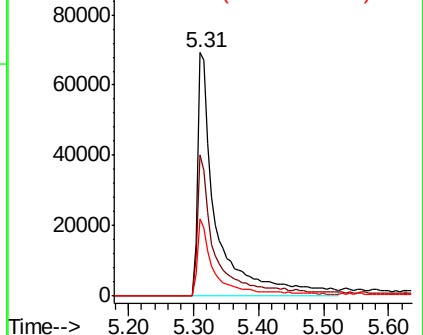
#5

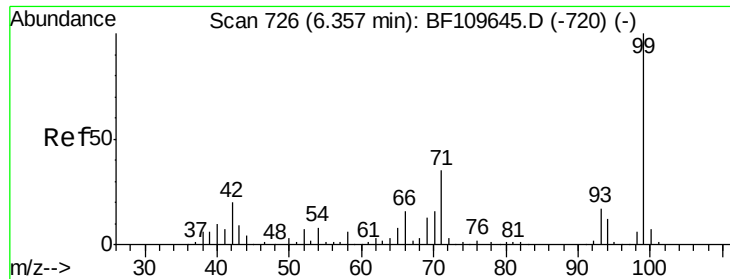
2-Fluorophenol
Concen: 37.714 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109813.D
Acq: 12 Oct 2018 4:19

Tgt Ion:112 Resp: 140378
Ion Ratio Lower Upper
112 100
64 58.1 44.1 66.1
63 31.9 23.7 35.5



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: 23.321 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109813.D

Acq: 12 Oct 2018 4:19

Instrument :

BNA_F

ClientSampleId :

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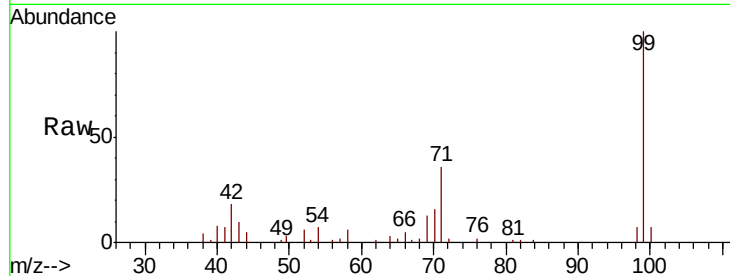
Tgt Ion: 99 Resp: 115959

Ion Ratio Lower Upper

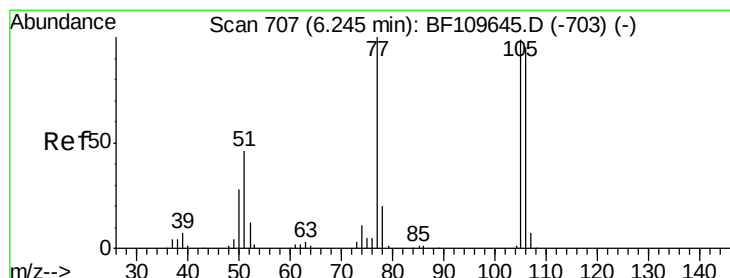
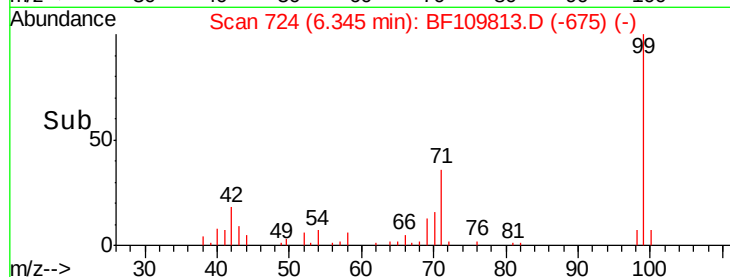
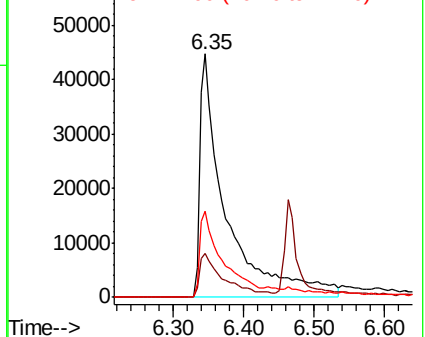
99 100

42 17.9 15.8 23.6

71 35.6 28.0 42.0



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



#9

Benzaldehyde

Concen: 2.101 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.22 min

Lab File: BF109813.D

Acq: 12 Oct 2018 4:19

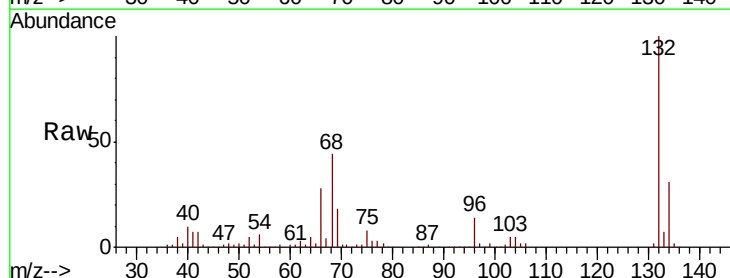
Tgt Ion: 77 Resp: 6723

Ion Ratio Lower Upper

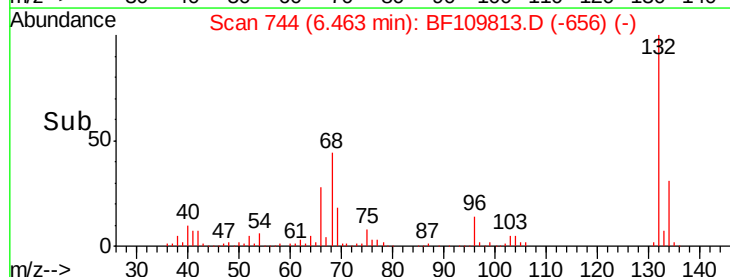
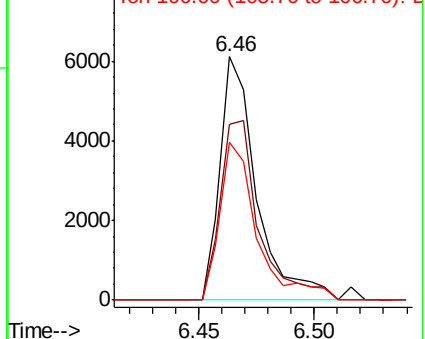
77 100

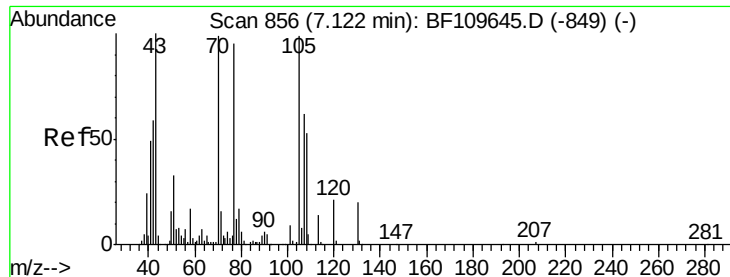
105 72.3 78.6 118.6#

106 64.7 74.8 114.8#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

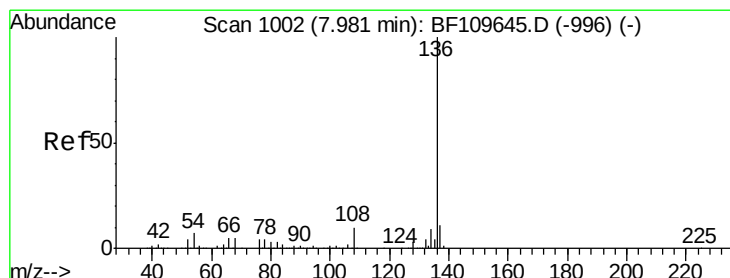
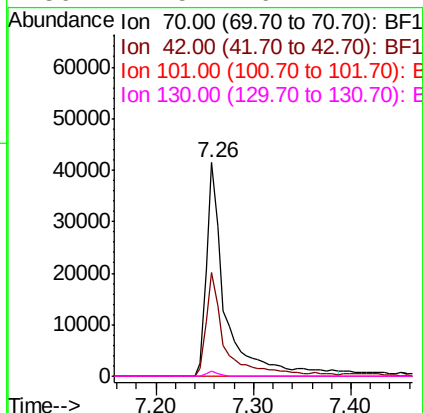
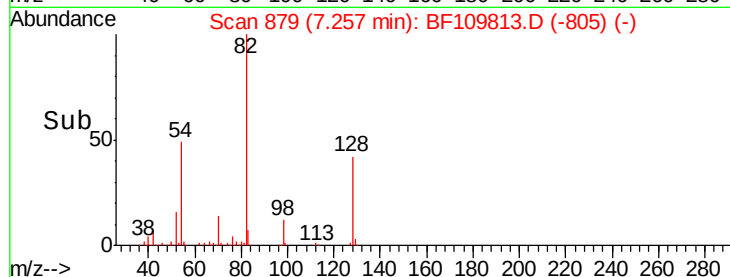
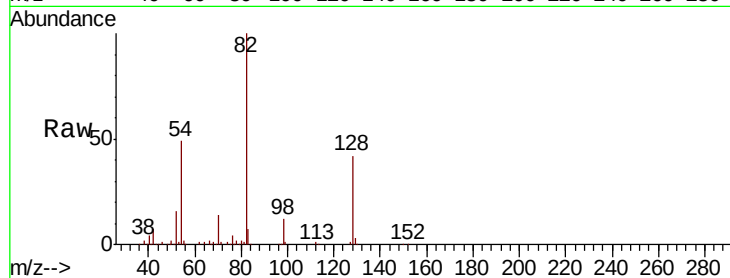




#19
n-Nitroso-di-n-propylamine
Concen: 16.143 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.14 min
Lab File: BF109813.D
Acq: 12 Oct 2018 4:19

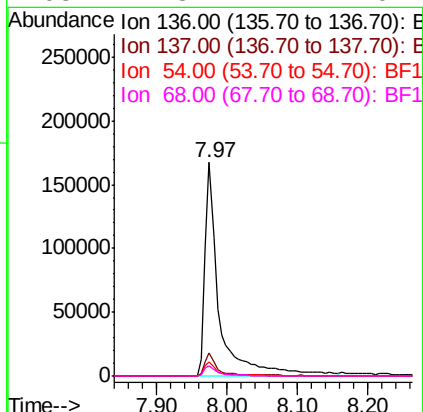
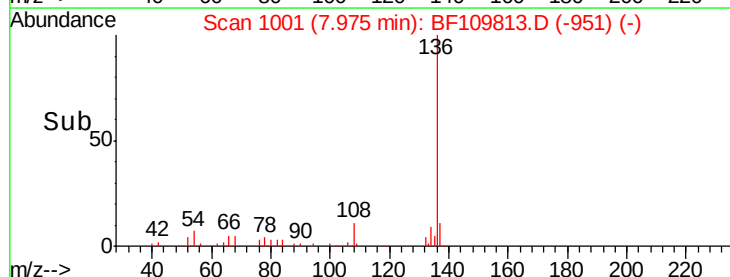
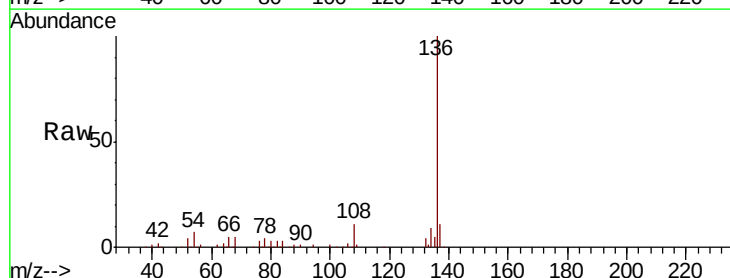
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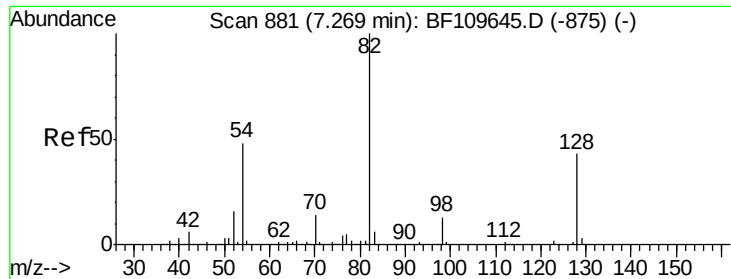
Tgt Ion	Ratio	Lower	Upper
70	100		
42	48.7	47.4	71.2
101	0.0	7.3	10.9#
130	2.5	16.2	24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109813.D
Acq: 12 Oct 2018 4:19

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	6.8	5.4	8.2
68	4.8	4.2	6.2

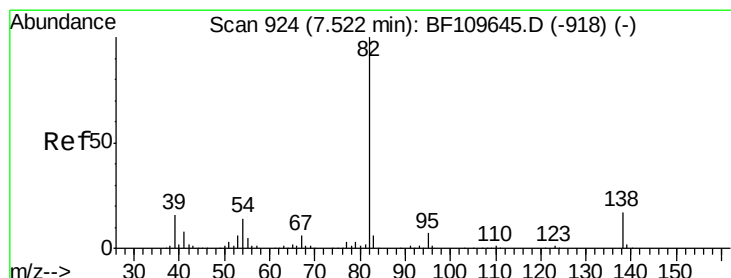
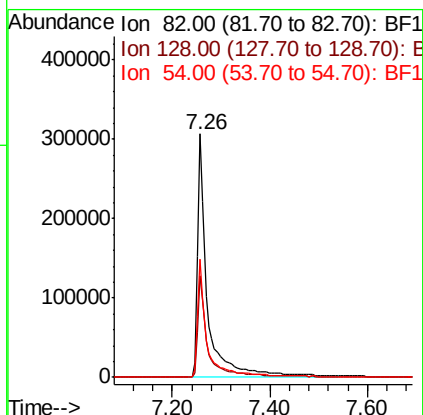
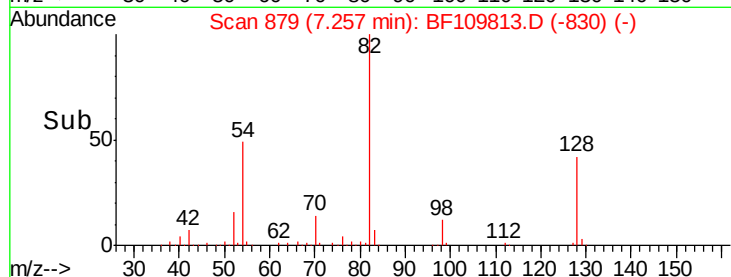
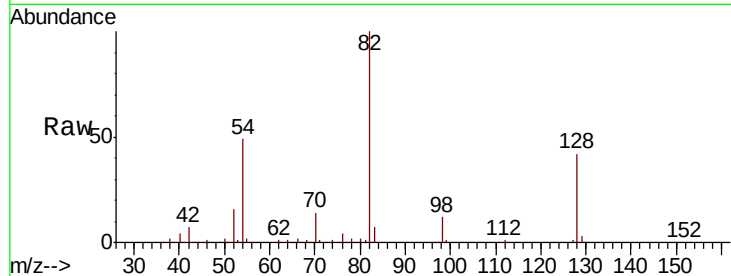




#23
 Nitrobenzene-d5
 Concen: 105.821 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF109813.D
 Acq: 12 Oct 2018 4:19

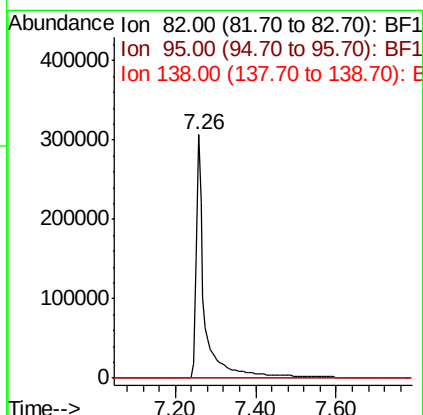
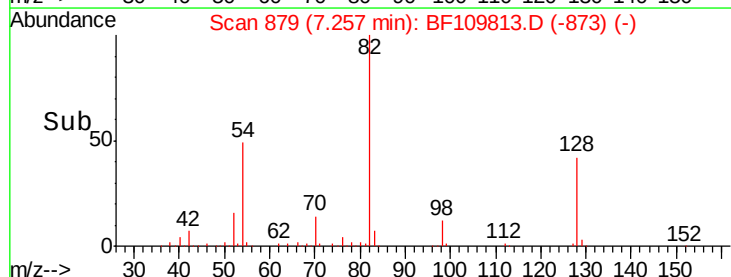
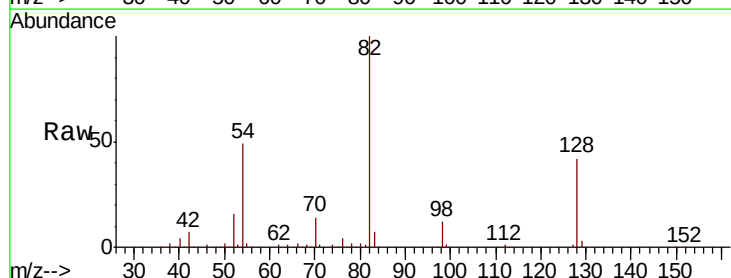
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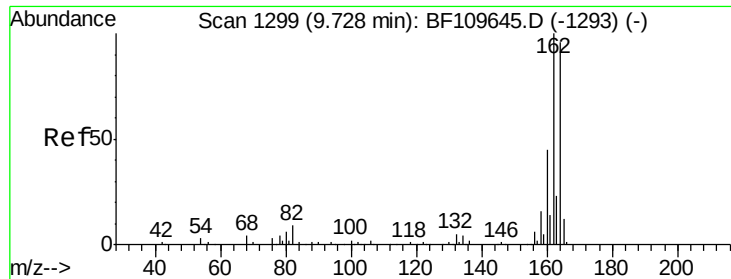
Tgt Ion: 82 Resp: 452221
 Ion Ratio Lower Upper
 82 100
 128 41.7 34.2 51.2
 54 48.7 38.6 58.0



#25
 Isophorone
 Concen: 64.553 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.26 min
 Lab File: BF109813.D
 Acq: 12 Oct 2018 4:19

Tgt Ion: 82 Resp: 458091
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.7 8.5#
 138 0.0 13.2 19.8#

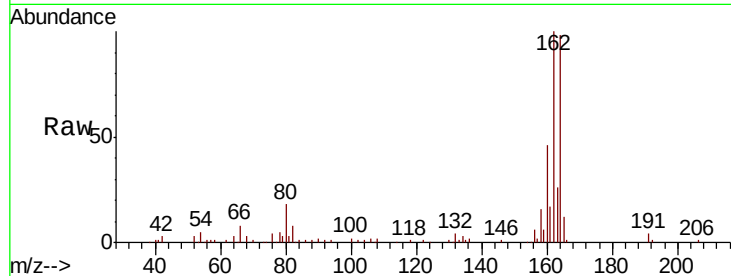




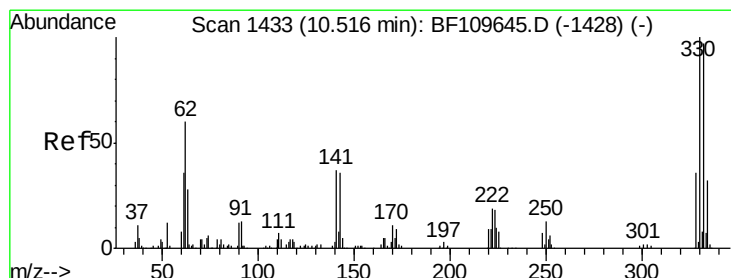
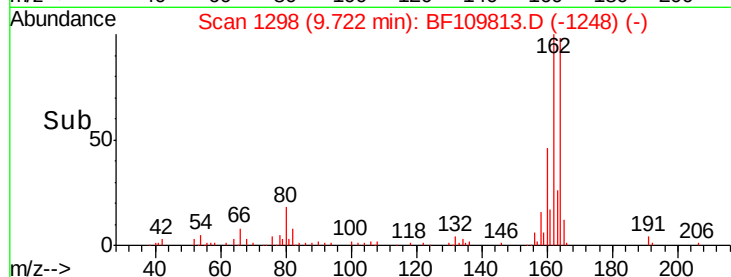
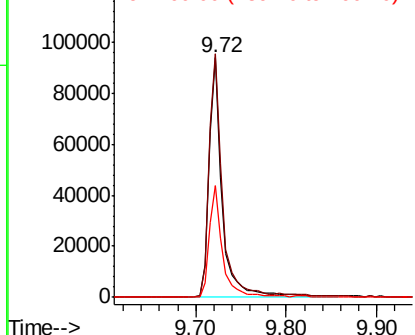
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109813.D
 Acq: 12 Oct 2018 4:19

Instrument :
 BNA_F
 ClientSampleId :
 100418-SIDI-E-D-B

Tgt Ion:164 Resp: 98128
 Ion Ratio Lower Upper
 164 100
 162 101.6 83.0 124.6
 160 46.5 37.0 55.6

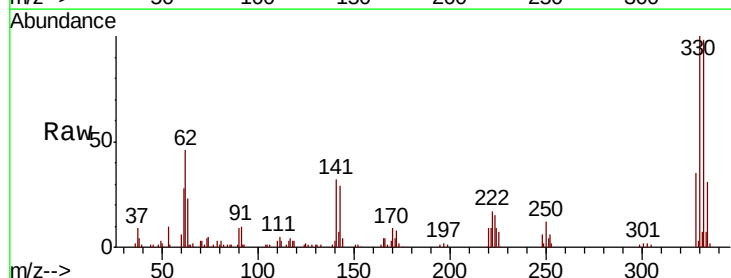


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

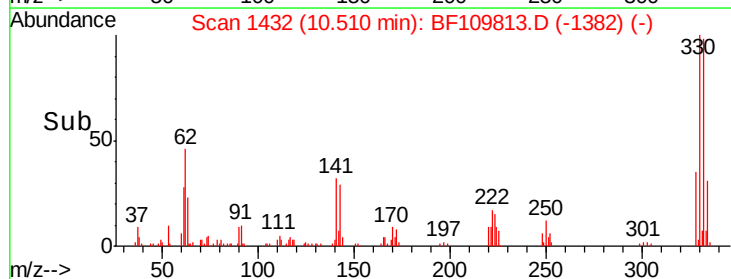
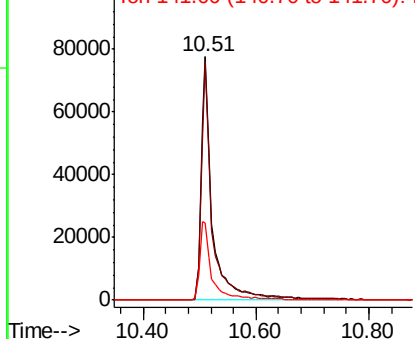


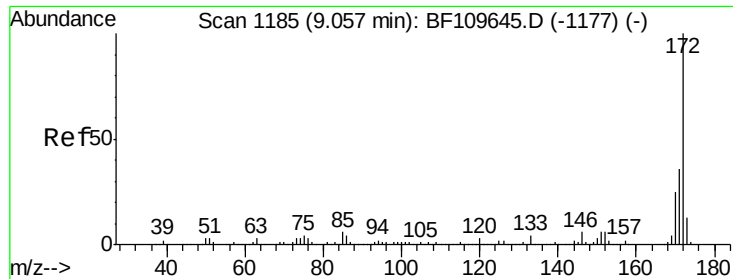
#41
 2,4,6-Tribromophenol
 Concen: 101.485 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109813.D
 Acq: 12 Oct 2018 4:19

Tgt Ion:330 Resp: 108509
 Ion Ratio Lower Upper
 330 100
 332 94.1 77.1 115.7
 141 32.8 27.0 40.4



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

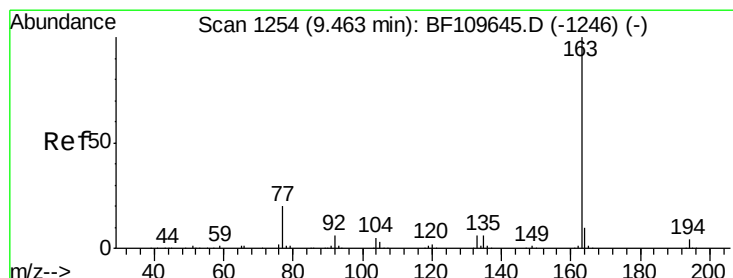
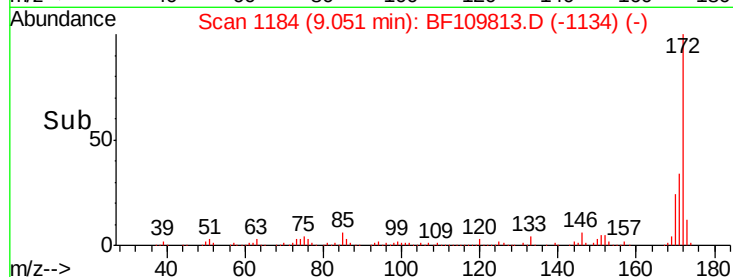
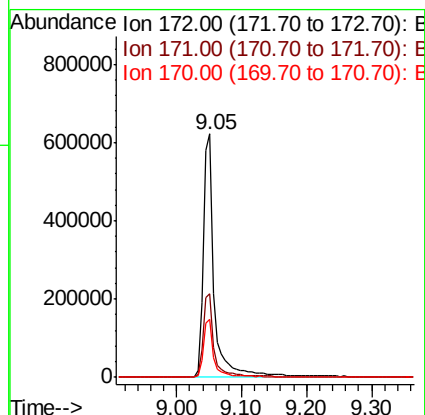
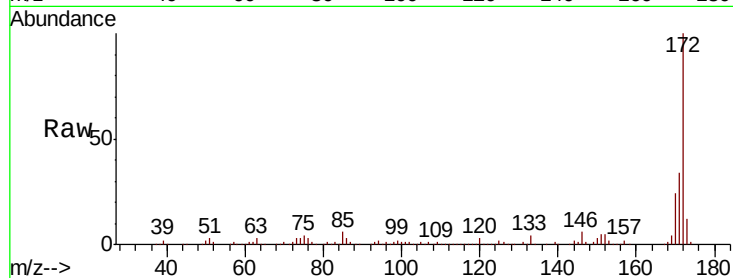




#44
2-Fluorobiphenyl
Concen: 103.426 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF109813.D
Acq: 12 Oct 2018 4:19

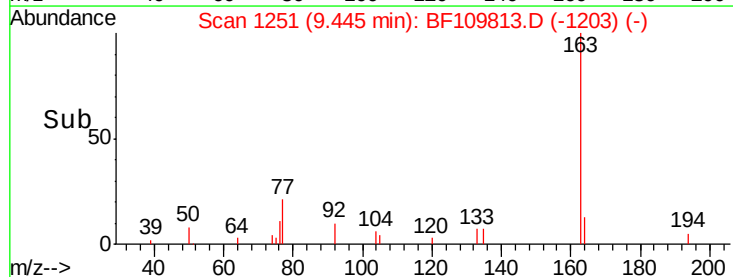
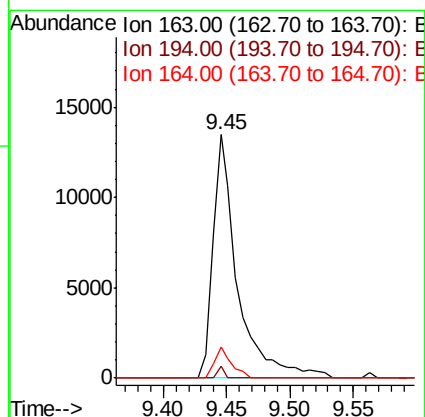
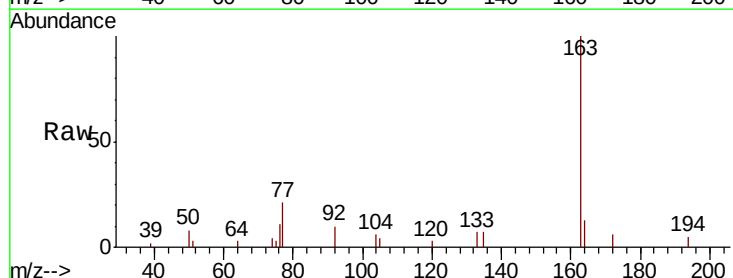
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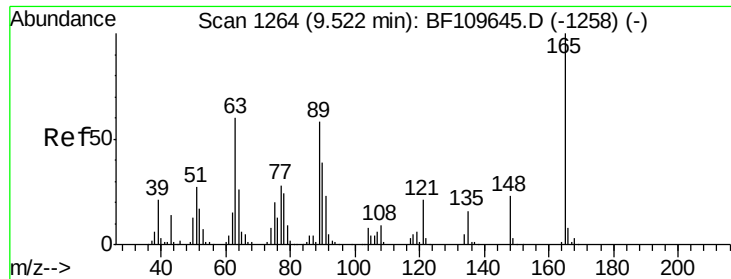
Tgt Ion:172 Resp: 736902
Ion Ratio Lower Upper
172 100
171 34.5 28.6 43.0
170 23.8 19.7 29.5



#49
Dimethylphthalate
Concen: 2.530 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF109813.D
Acq: 12 Oct 2018 4:19

Tgt Ion:163 Resp: 18210
Ion Ratio Lower Upper
163 100
194 4.8 3.2 4.8#
164 12.6 8.1 12.1#

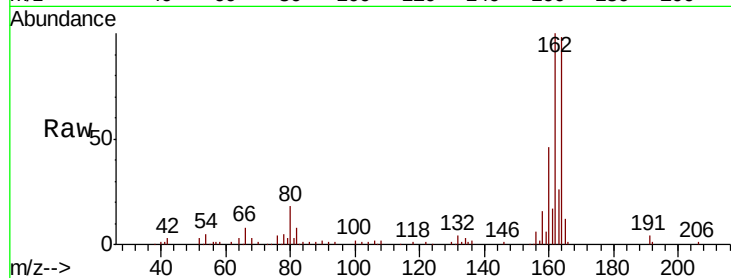




#50
 2,6-Dinitrotoluene
 Concen: 7.538 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. 0.20 min
 Lab File: BF109813.D
 Acq: 12 Oct 2018 4:19

Instrument :
 BNA_F
 ClientSampleId :
 100418-SIDI-E-D-B

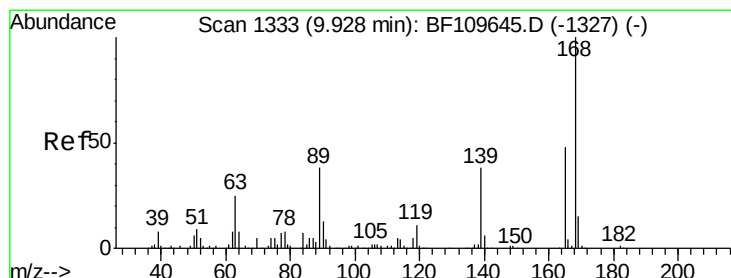
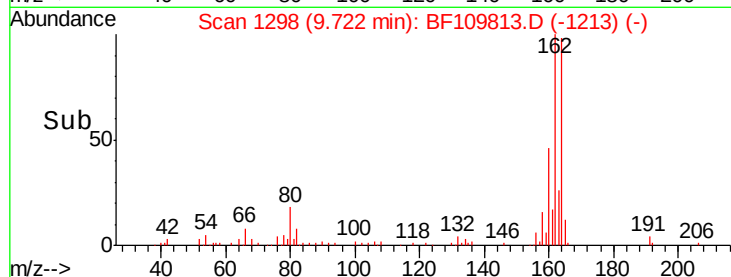
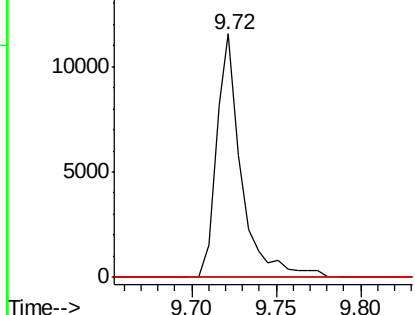
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	0.0	46.6	69.8#



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
 2,4-Dinitrotoluene
 Concen: 6.041 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.21 min
 Lab File: BF109813.D
 Acq: 12 Oct 2018 4:19

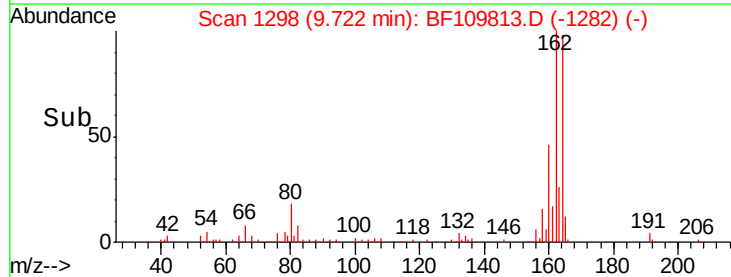
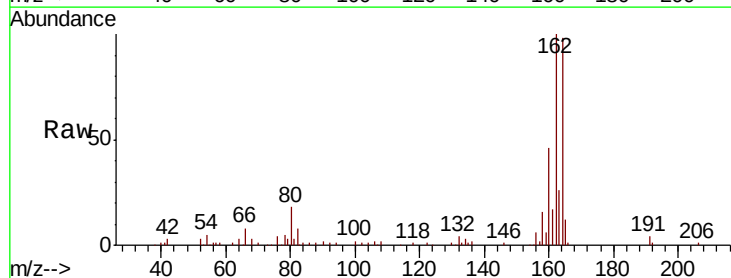
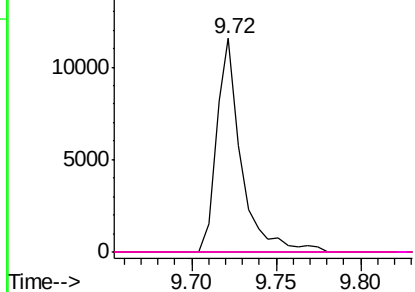
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#

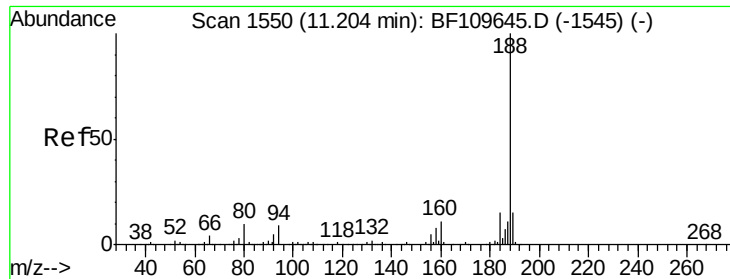
Abundance Ion 165.00 (164.70 to 165.70): E

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

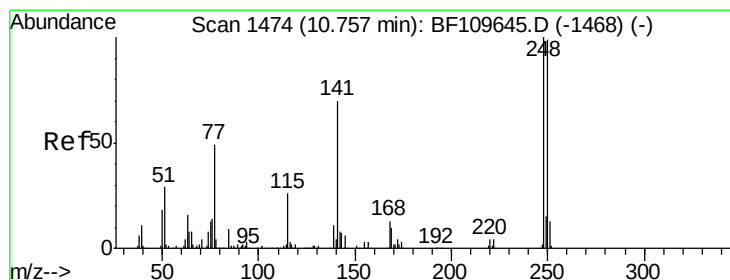
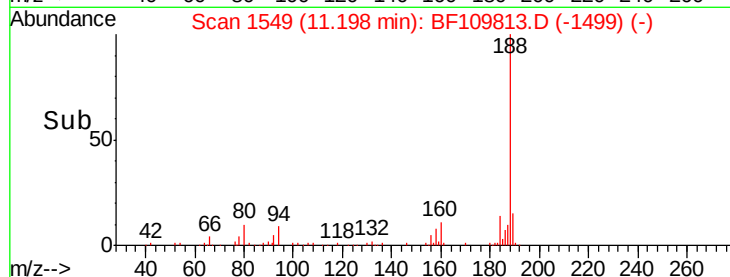
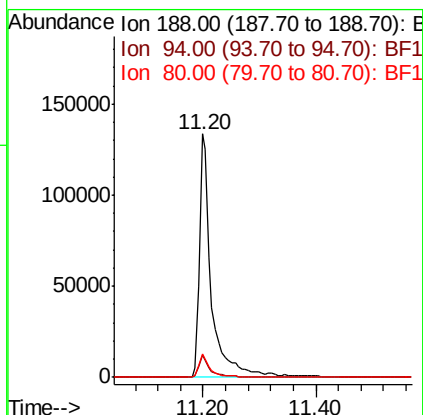
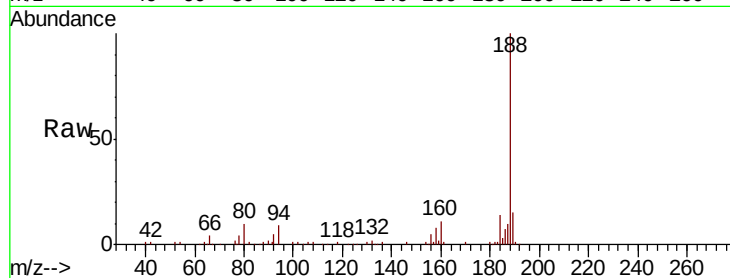




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109813.D
Acq: 12 Oct 2018 4:19

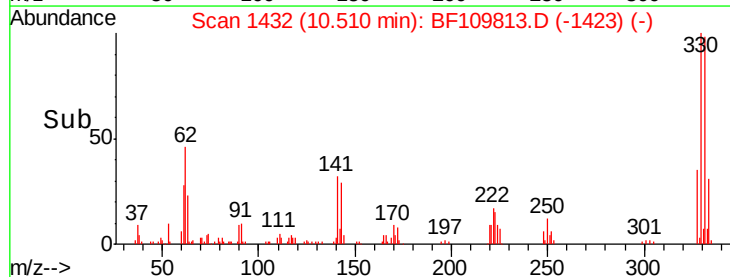
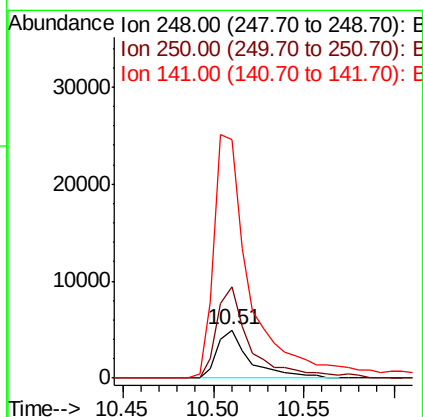
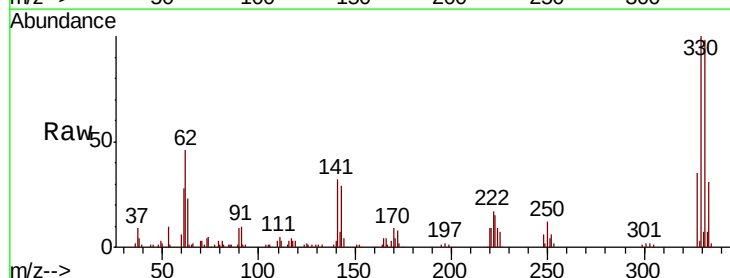
Instrument :
BNA_F
ClientSampleId :
100418-SIDI-E-D-B

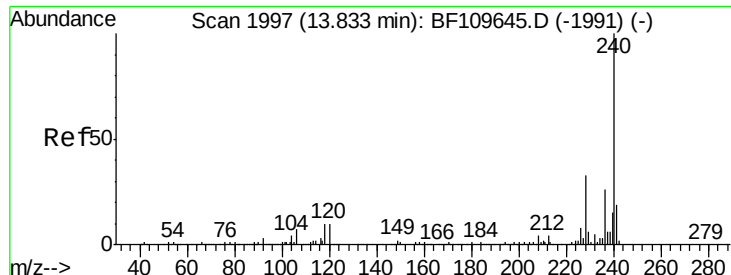
Tgt Ion:188 Resp: 200126
Ion Ratio Lower Upper
188 100
94 9.2 7.2 10.8
80 9.6 7.9 11.9



#66
4-Bromophenyl-phenylether
Concen: 2.713 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.25 min
Lab File: BF109813.D
Acq: 12 Oct 2018 4:19

Tgt Ion:248 Resp: 6238
Ion Ratio Lower Upper
248 100
250 191.9 79.4 119.2#
141 498.6 55.9 83.9#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF109813.D

Acq: 12 Oct 2018 4:19

Instrument :

BNA_F

ClientSampleId :

100418-SIDI-E-D-B

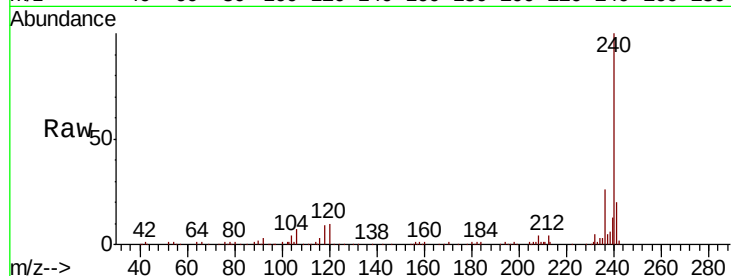
Tgt Ion:240 Resp: 226176

Ion Ratio Lower Upper

240 100

120 10.2 8.3 12.5

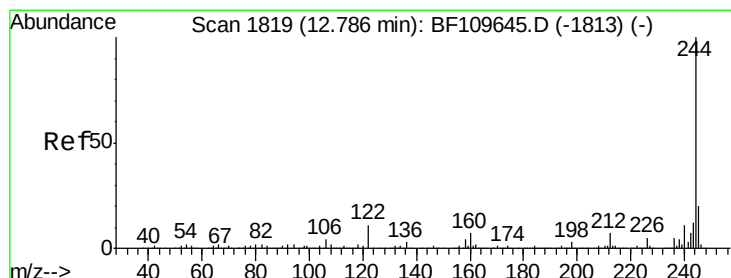
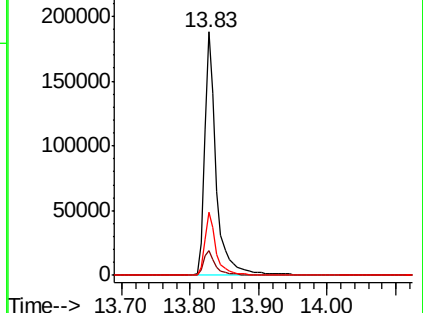
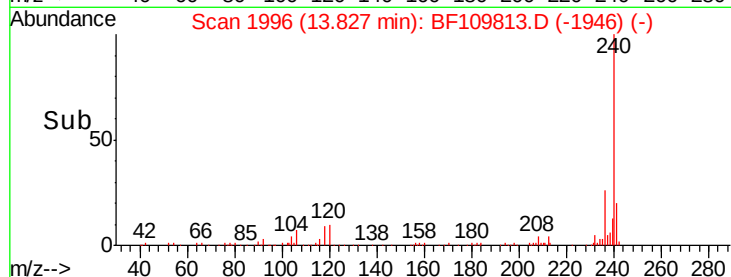
236 25.8 21.2 31.8



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



#78

Terphenyl-d14

Concen: 73.799 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109813.D

Acq: 12 Oct 2018 4:19

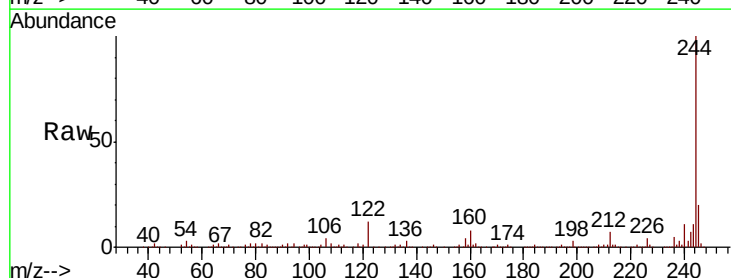
Tgt Ion:244 Resp: 862244

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

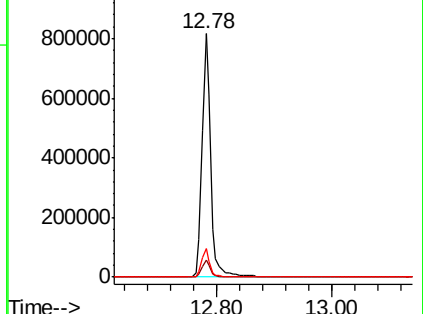
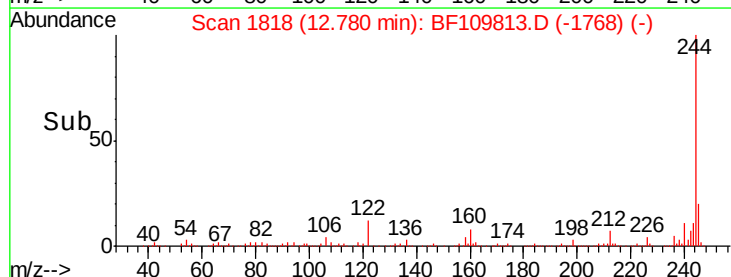
122 11.9 8.7 13.1

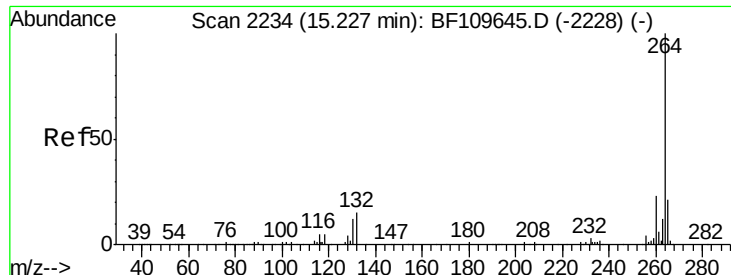


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. 0.00 min
Lab File: BF109813.D
Acq: 12 Oct 2018 4:19

Instrument :
BNA_F
ClientSampleId :
100418-SIDI-E-D-B

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	22.3	16.7	25.1

