

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101118\
 Data File : BF109815.D
 Acq On : 12 Oct 2018 5:15
 Operator : JU/SJ
 Sample : J5296-07
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

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

Quant Time: Oct 12 06:37:34 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

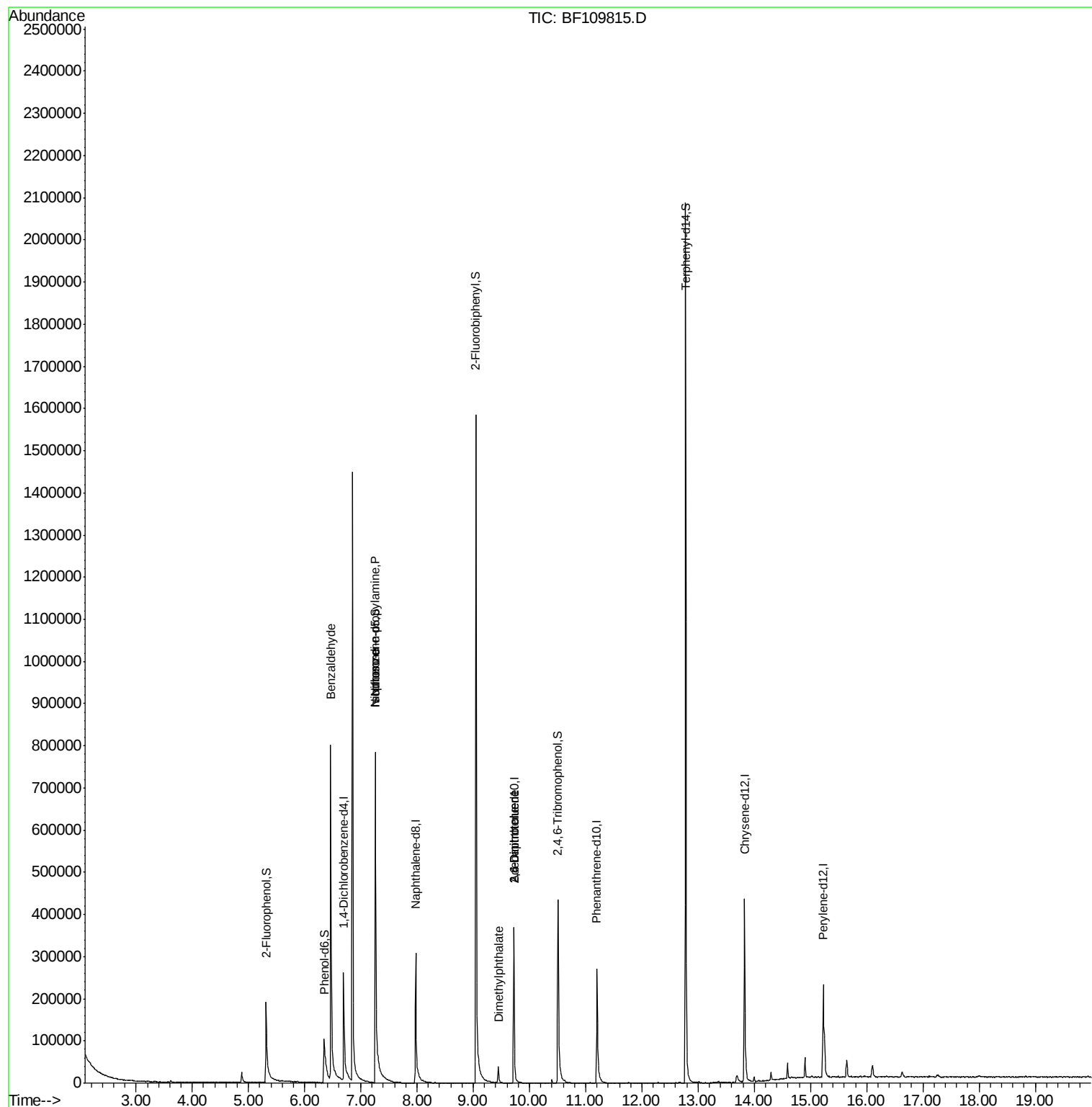
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	64364	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	222694	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	91035	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	178369	20.00	ng	0.00
75) Chrysene-d12	13.83	240	208862	20.00	ng	0.00
86) Perylene-d12	15.23	264	138803	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	107216	29.57	ng	0.00
7) Phenol-d6	6.35	99	104132	21.50	ng	-0.01
23) Nitrobenzene-d5	7.26	82	413025	102.24	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	87984	88.70	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	686844	103.91	ng	0.00
78) Terphenyl-d14	12.78	244	754149	69.90	ng	0.00
Target Compounds						
9) Benzaldehyde	6.46	77	6477	2.078	ng	# 76
19) n-Nitroso-di-n-propylamine	7.26	70	52386	15.421	ng	# 79
25) Isophorone	7.26	82	413025	61.567	ng	# 67
49) Dimethylphthalate	9.45	163	27615	4.136	ng	# 97
50) 2,6-Dinitrotoluene	9.72	165	11334	7.831	ng	# 21
56) 2,4-Dinitrotoluene	9.72	165	11334	6.275	ng	# 17

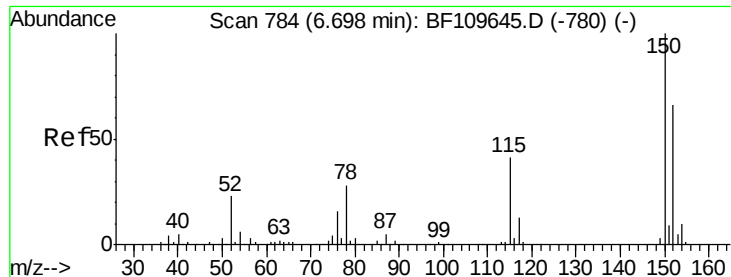
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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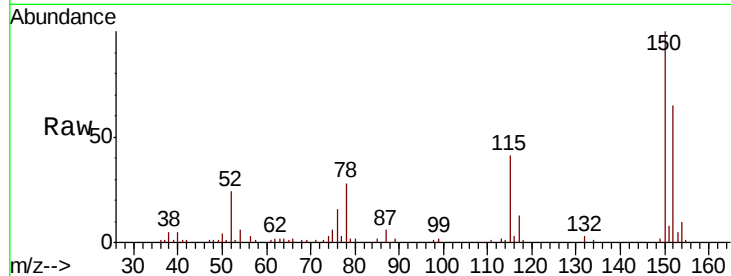


#1

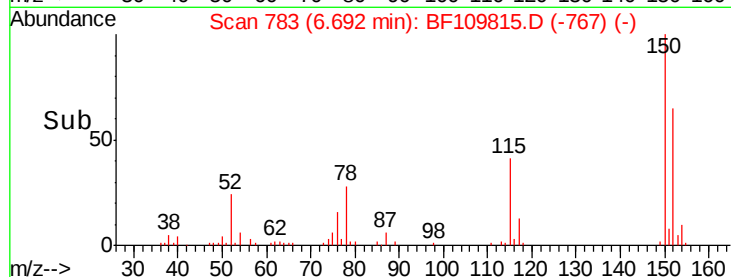
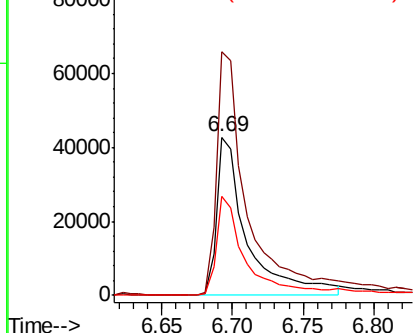
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF109815.D
Acq: 12 Oct 2018 5:15

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

Tgt Ion:152 Resp: 64364
Ion Ratio Lower Upper
152 100
150 154.1 122.7 184.1
115 63.0 49.1 73.7



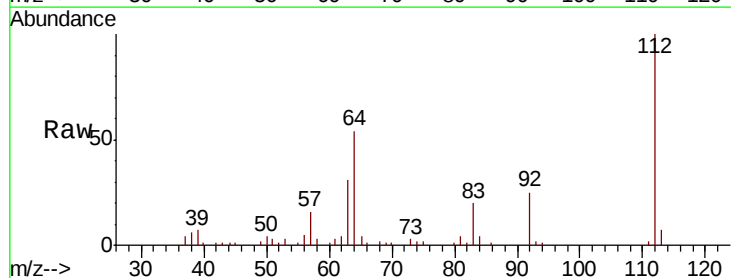
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



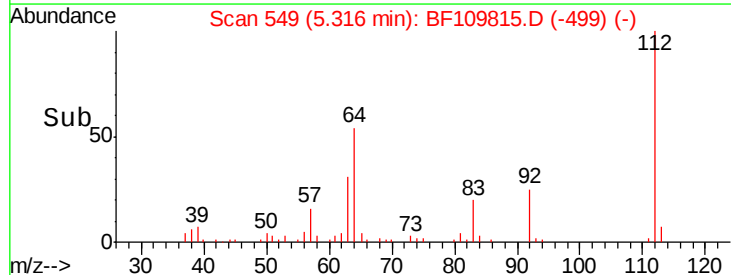
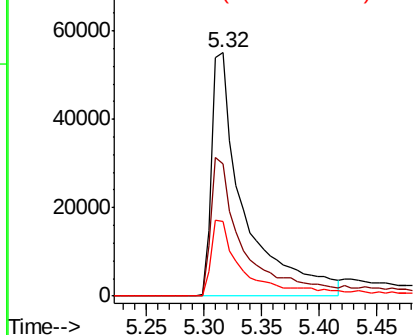
#5

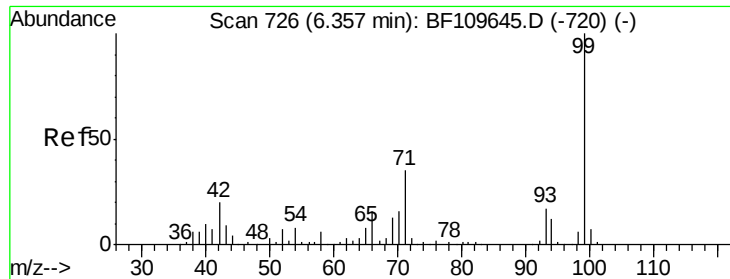
2-Fluorophenol
Concen: 29.568 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF109815.D
Acq: 12 Oct 2018 5:15

Tgt Ion:112 Resp: 107216
Ion Ratio Lower Upper
112 100
64 54.4 44.1 66.1
63 30.8 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: 21.497 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109815.D

Acq: 12 Oct 2018 5:15

Instrument :

BNA_F

ClientSampleId :

100418-SIDI-E-D-S

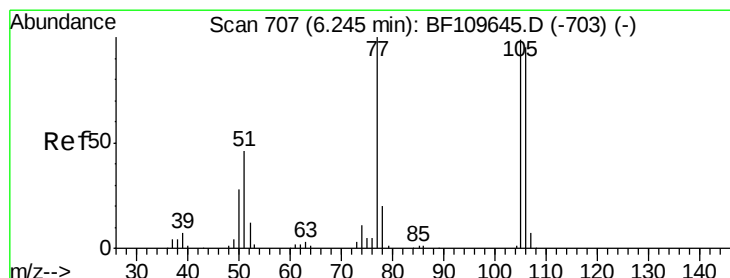
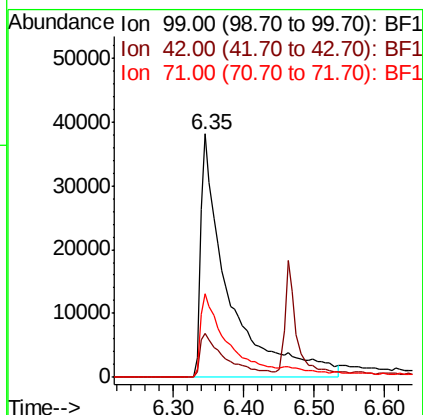
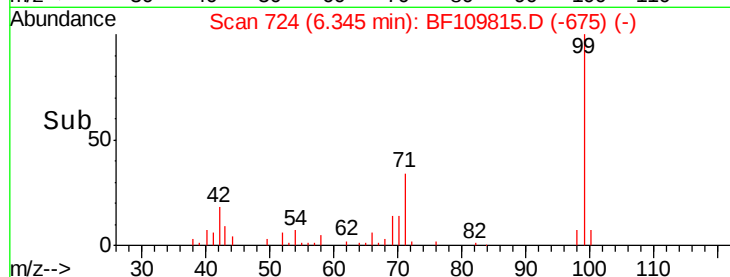
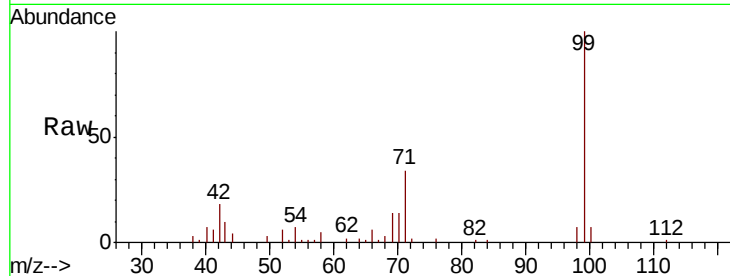
Tgt Ion: 99 Resp: 104132

Ion Ratio Lower Upper

99 100

42 18.2 15.8 23.6

71 34.5 28.0 42.0



#9

Benzaldehyde

Concen: 2.078 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.22 min

Lab File: BF109815.D

Acq: 12 Oct 2018 5:15

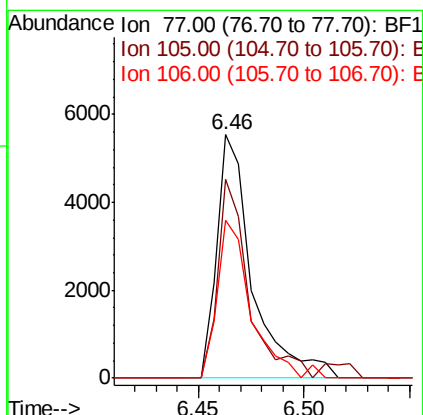
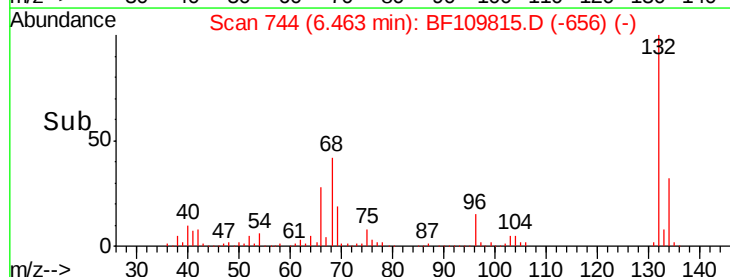
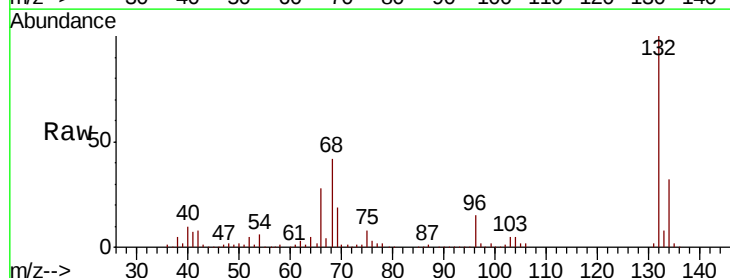
Tgt Ion: 77 Resp: 6477

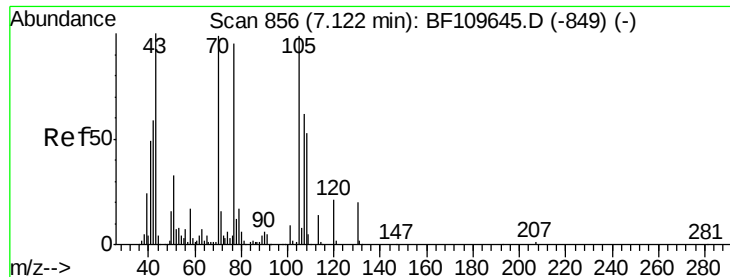
Ion Ratio Lower Upper

77 100

105 81.7 78.6 118.6

106 64.9 74.8 114.8#

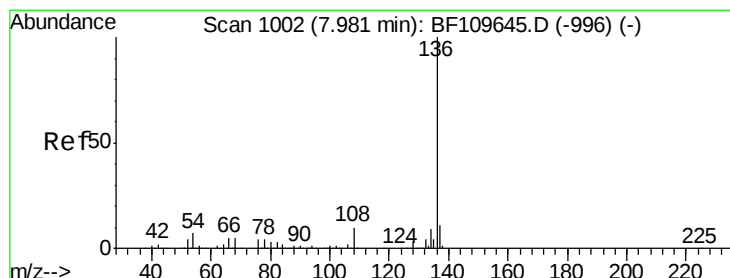
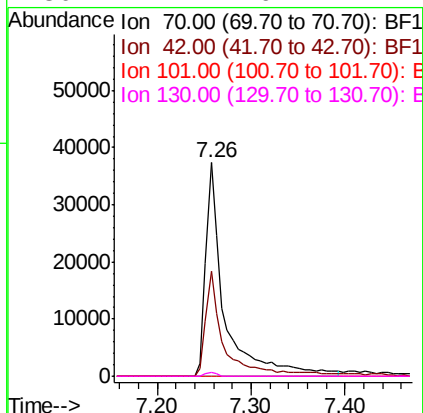
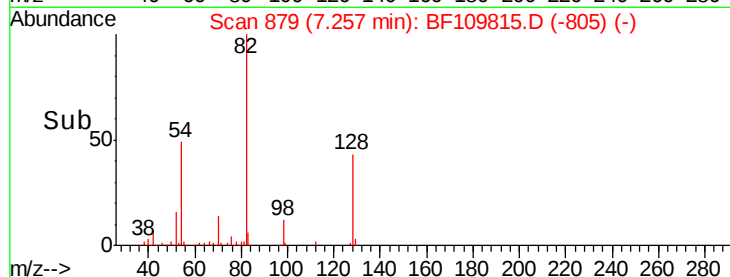
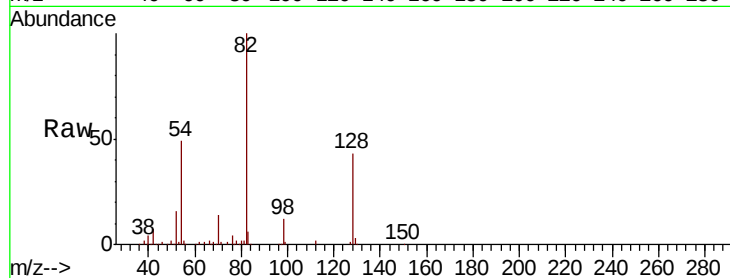




#19
n-Nitroso-di-n-propylamine
Concen: 15.421 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.14 min
Lab File: BF109815.D
Acq: 12 Oct 2018 5:15

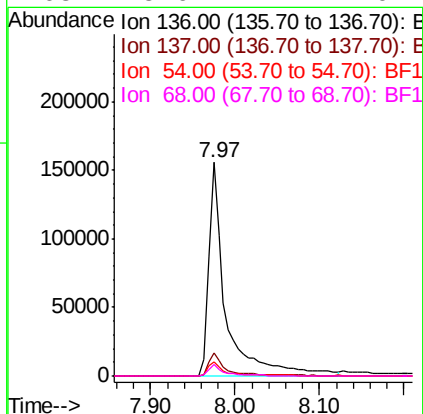
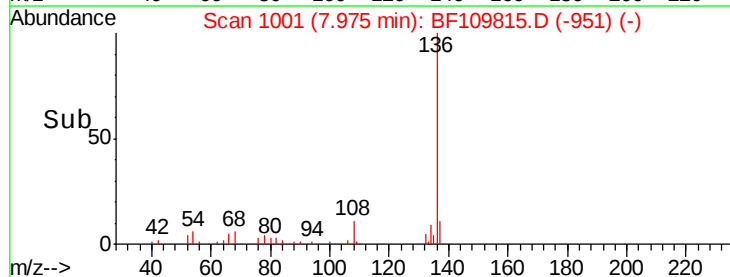
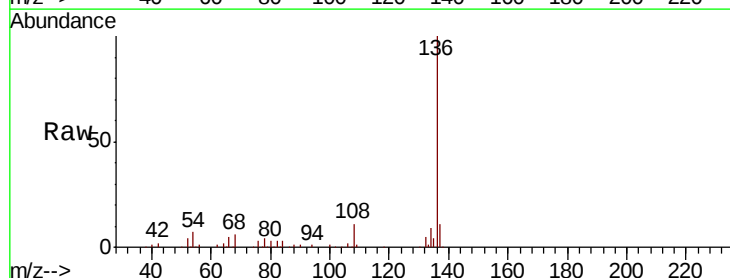
Instrument :
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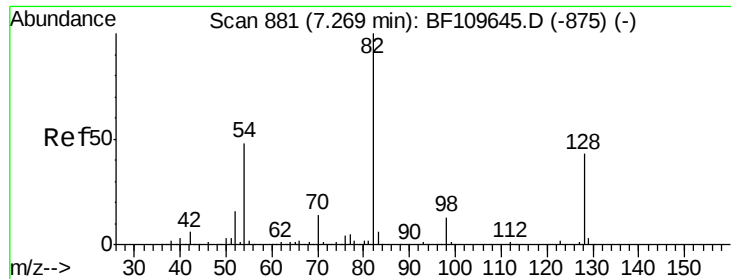
Tgt Ion: 70 Resp: 52386
Ion Ratio Lower Upper
70 100
42 49.2 47.4 71.2
101 0.0 7.3 10.9#
130 2.1 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109815.D
Acq: 12 Oct 2018 5:15

Tgt Ion: 136 Resp: 222694
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 6.6 5.4 8.2
68 5.6 4.2 6.2

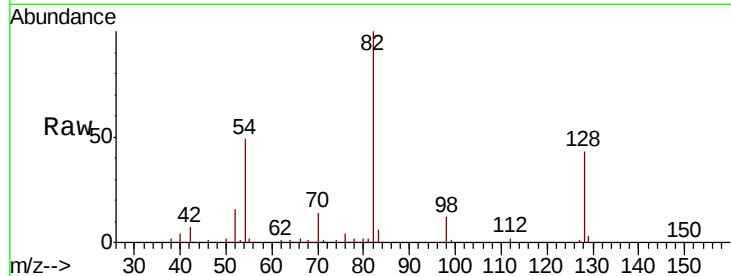




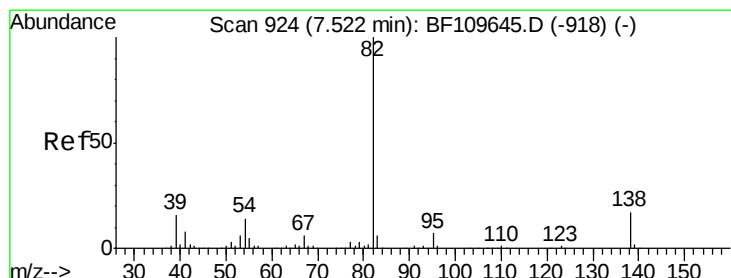
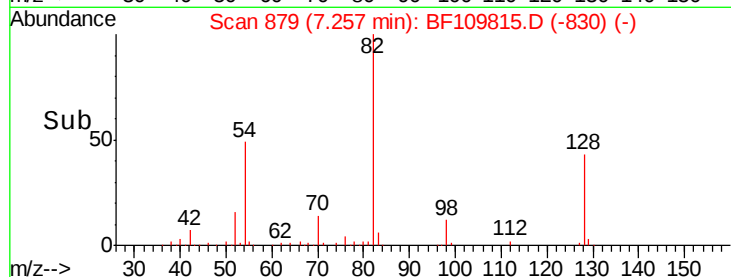
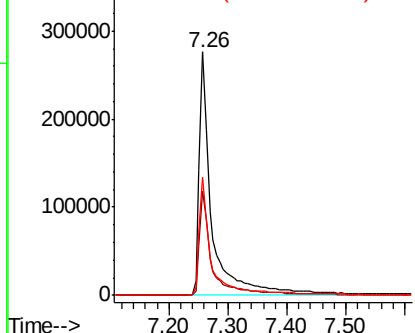
#23
Nitrobenzene-d5
Concen: 102.236 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF109815.D
Acq: 12 Oct 2018 5:15

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

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.7	34.2	51.2
54	48.5	38.6	58.0

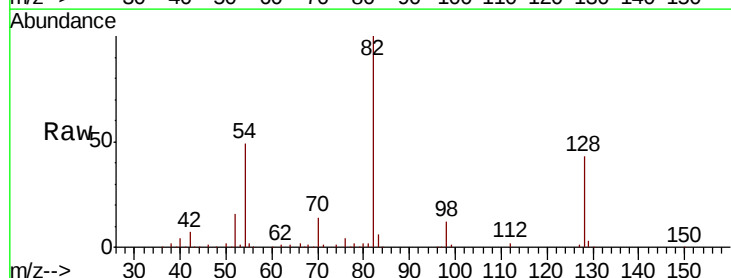


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

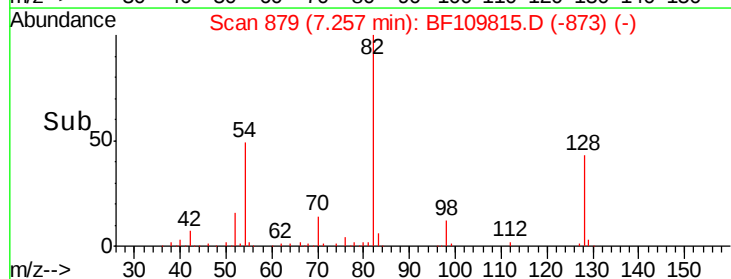
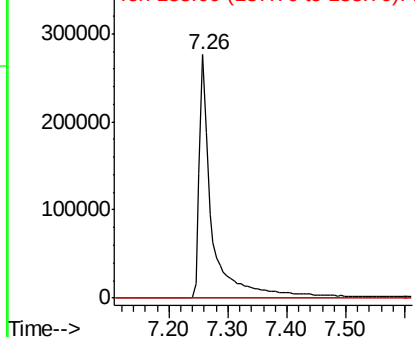


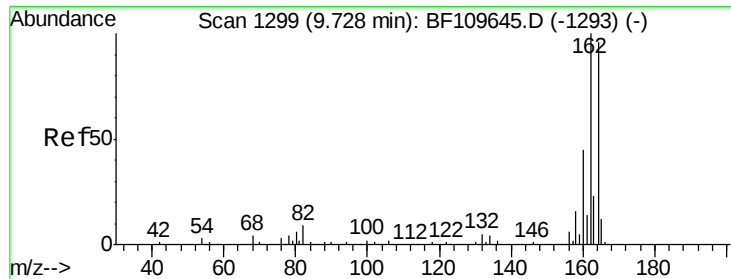
#25
Isophorone
Concen: 61.567 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.26 min
Lab File: BF109815.D
Acq: 12 Oct 2018 5:15

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



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

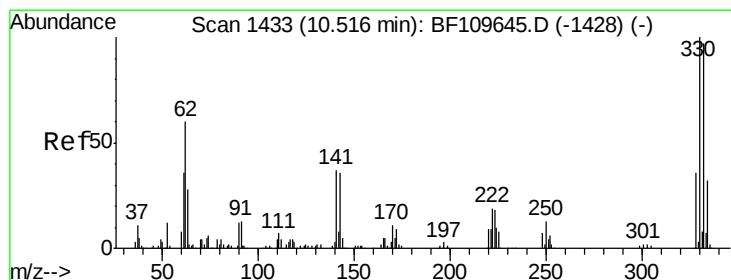
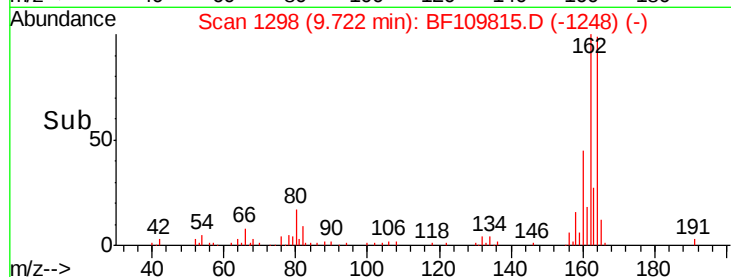
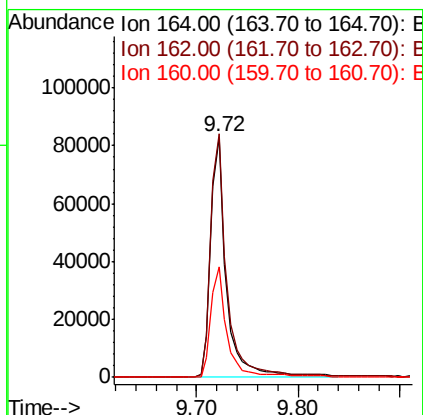
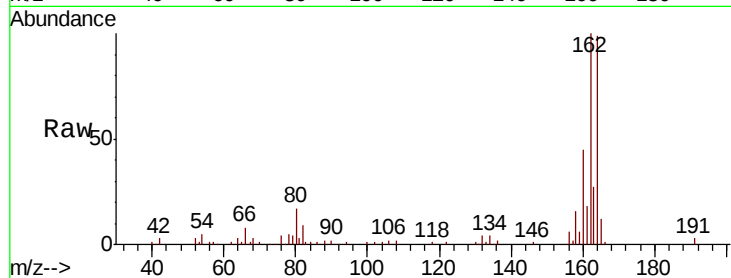




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109815.D
 Acq: 12 Oct 2018 5:15

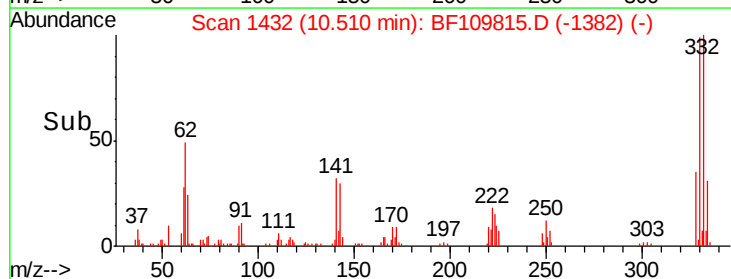
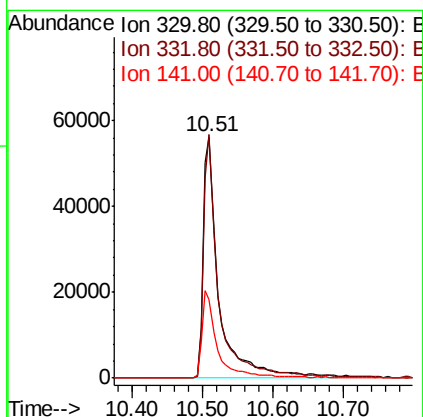
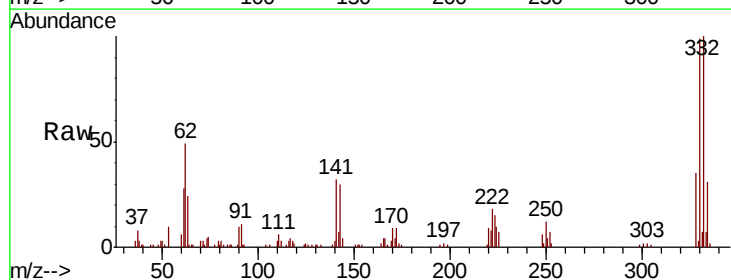
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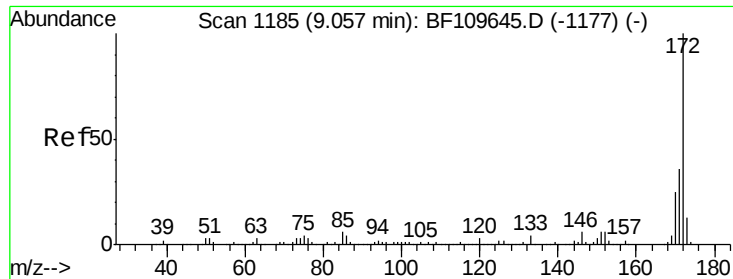
Tgt Ion:164 Resp: 91035
 Ion Ratio Lower Upper
 164 100
 162 101.4 83.0 124.6
 160 45.8 37.0 55.6



#41
 2,4,6-Tribromophenol
 Concen: 88.700 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109815.D
 Acq: 12 Oct 2018 5:15

Tgt Ion:330 Resp: 87984
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.1 115.7
 141 35.4 27.0 40.4

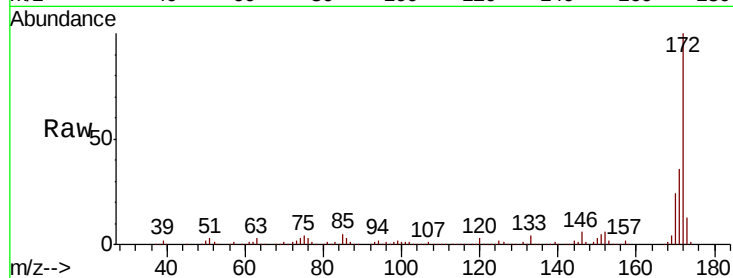




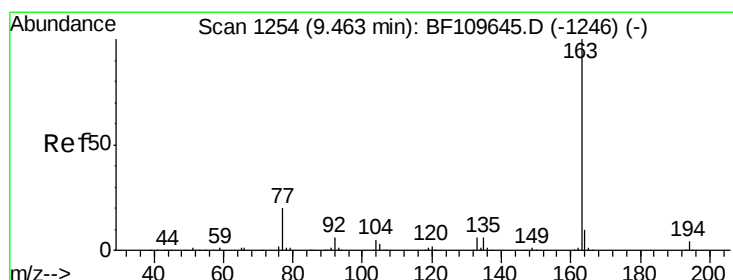
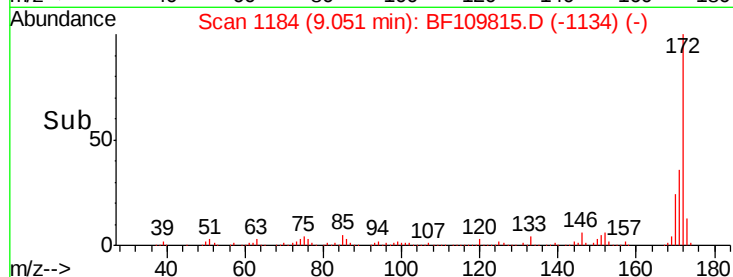
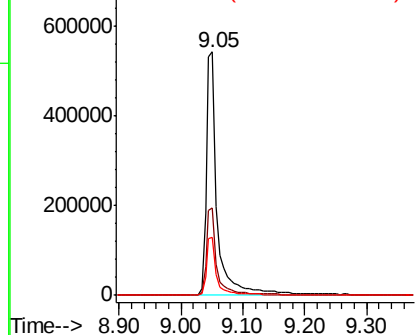
#44
2-Fluorobiphenyl
Concen: 103.911 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF109815.D
Acq: 12 Oct 2018 5:15

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

Tgt Ion:172 Resp: 686844
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 23.8 19.7 29.5

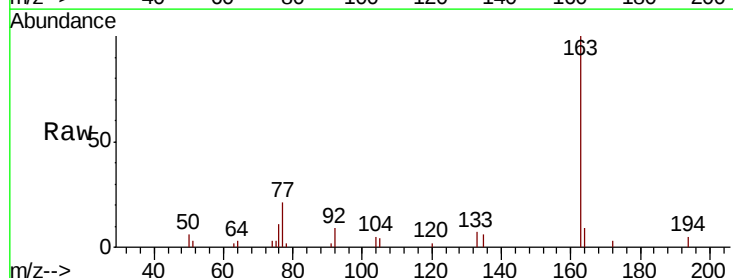


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

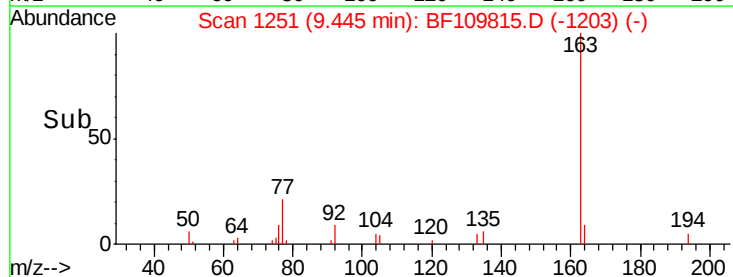
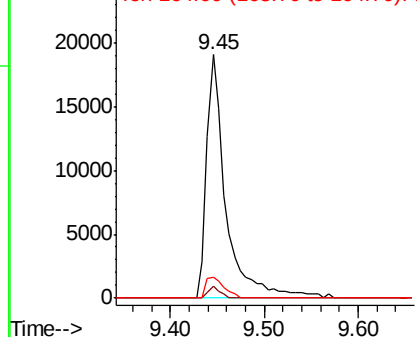


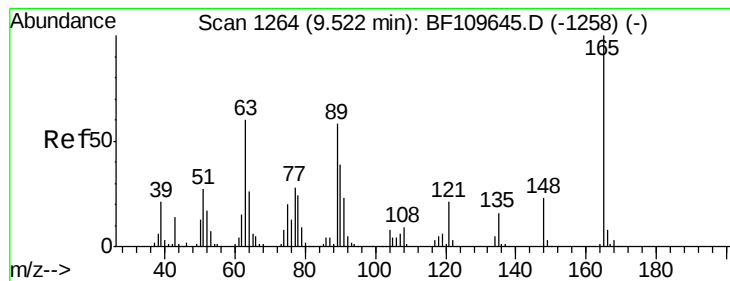
#49
Dimethylphthalate
Concen: 4.136 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF109815.D
Acq: 12 Oct 2018 5:15

Tgt Ion:163 Resp: 27615
Ion Ratio Lower Upper
163 100
194 4.7 3.2 4.8
164 8.8 8.1 12.1



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





#50

2,6-Dinitrotoluene

Concen: 7.831 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.20 min

Lab File: BF109815.D

Acq: 12 Oct 2018 5:15

Instrument :

BNA_F

ClientSampleId :

100418-SIDI-E-D-S

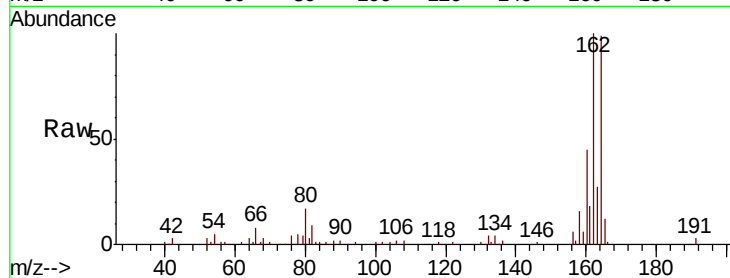
Tgt Ion:165 Resp: 11334

Ion Ratio Lower Upper

165 100

63 0.0 48.9 73.3#

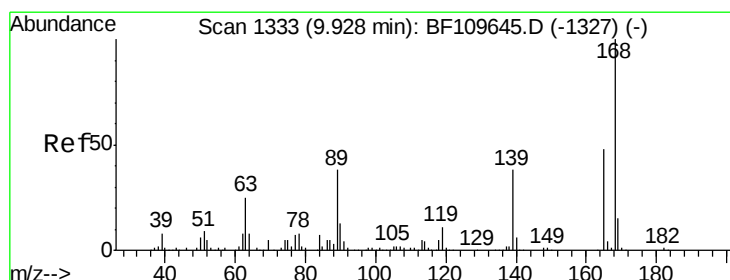
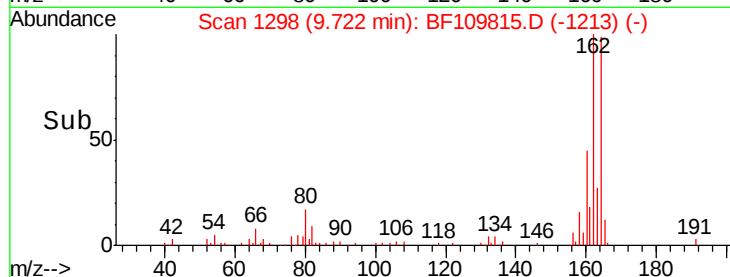
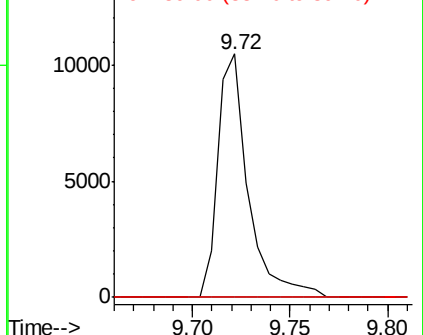
89 0.0 46.6 69.8#



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: 6.275 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.21 min

Lab File: BF109815.D

Acq: 12 Oct 2018 5:15

Tgt Ion:165 Resp: 11334

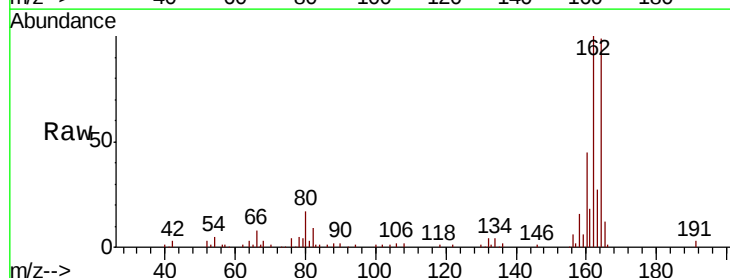
Ion Ratio Lower Upper

165 100

63 0.0 44.8 67.2#

89 0.0 62.2 93.4#

182 0.0 2.1 3.1#

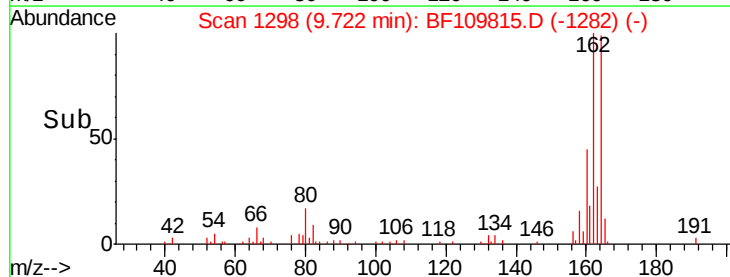
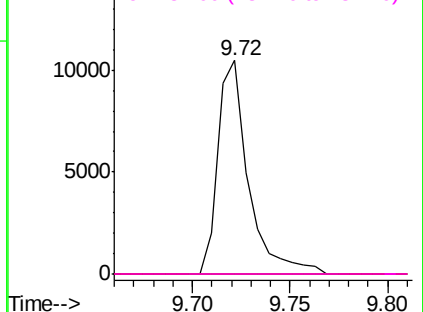


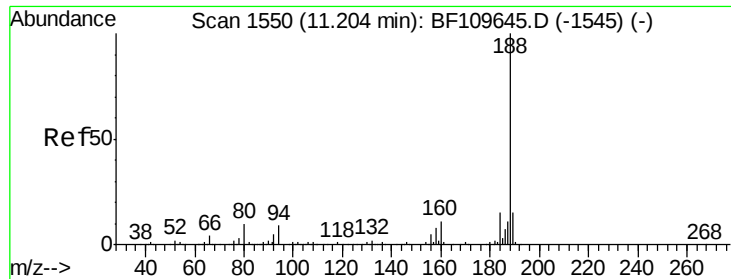
Abundance Ion 165.00 (164.70 to 165.70): E

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

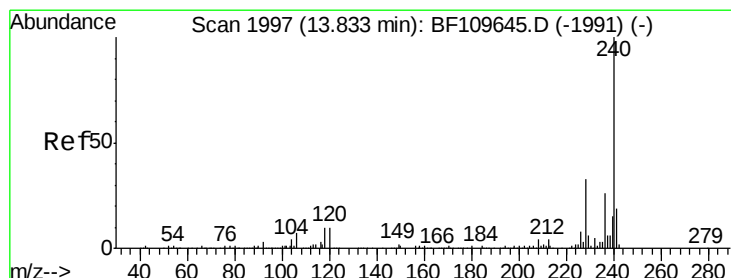
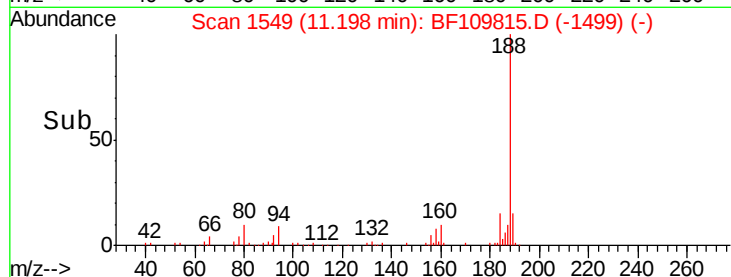
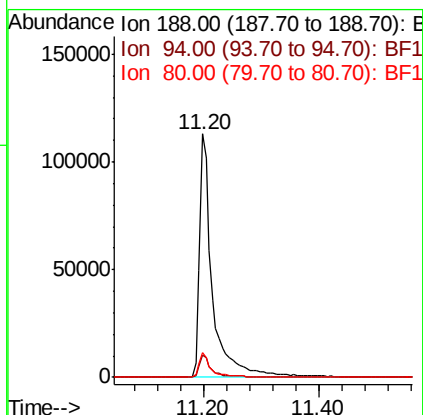
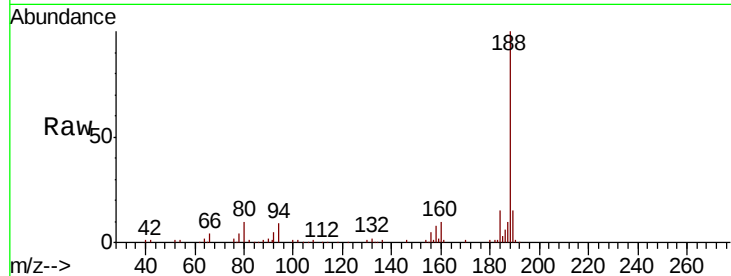




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109815.D
Acq: 12 Oct 2018 5:15

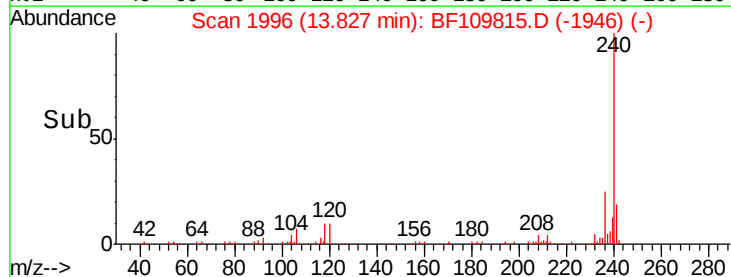
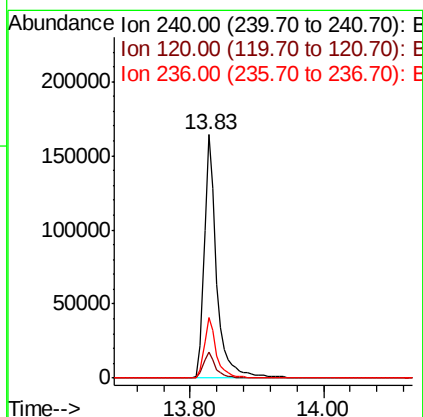
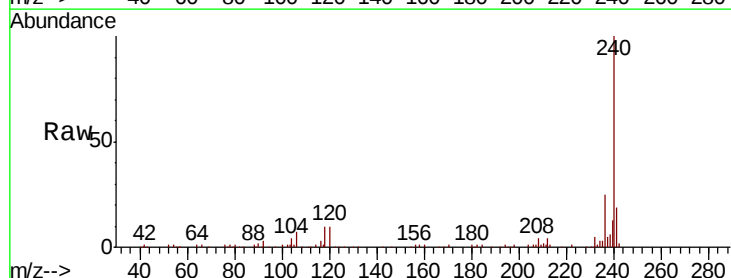
Instrument :
BNA_F
ClientSampleId :
100418-SIDI-E-D-S

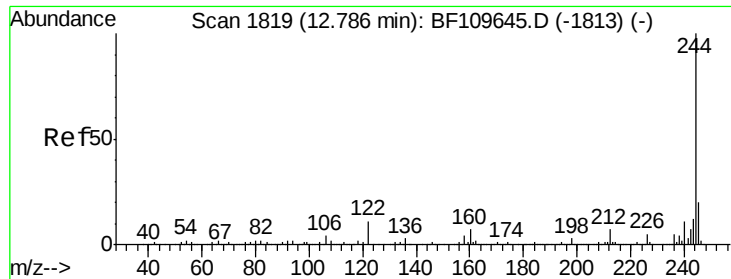
Tgt Ion:188 Resp: 178369
Ion Ratio Lower Upper
188 100
94 9.3 7.2 10.8
80 10.4 7.9 11.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109815.D
Acq: 12 Oct 2018 5:15

Tgt Ion:240 Resp: 208862
Ion Ratio Lower Upper
240 100
120 10.4 8.3 12.5
236 24.7 21.2 31.8

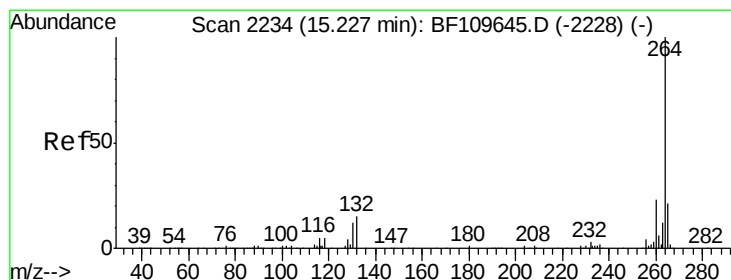
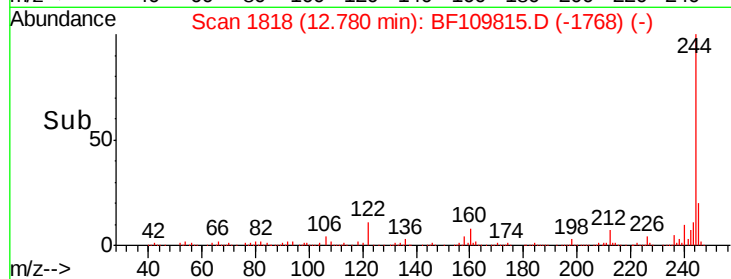
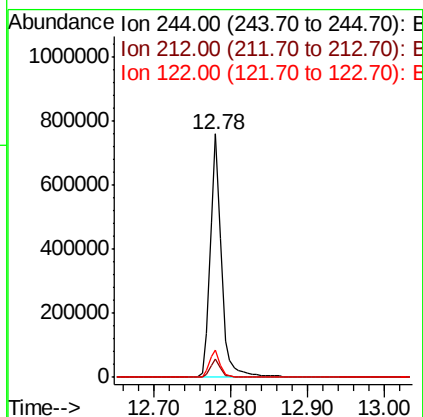
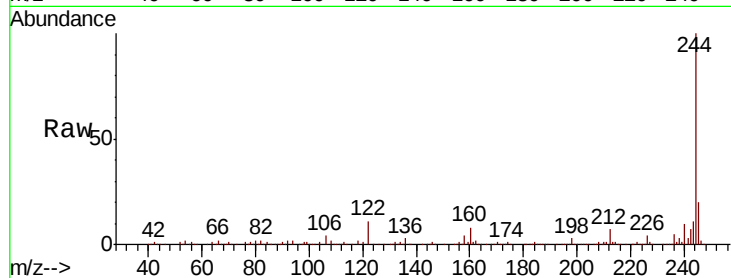




#78
 Terphenyl-d14
 Concen: 69.898 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.01 min
 Lab File: BF109815.D
 Acq: 12 Oct 2018 5:15

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

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	11.0	8.7	13.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2234
 Delta R.T. 0.00 min
 Lab File: BF109815.D
 Acq: 12 Oct 2018 5:15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.7	28.1
265	21.6	16.7	25.1

