

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101118\
 Data File : BF109814.D
 Acq On : 12 Oct 2018 4:47
 Operator : JU/SJ
 Sample : J5296-06
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

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

Quant Time: Oct 12 06:37:25 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

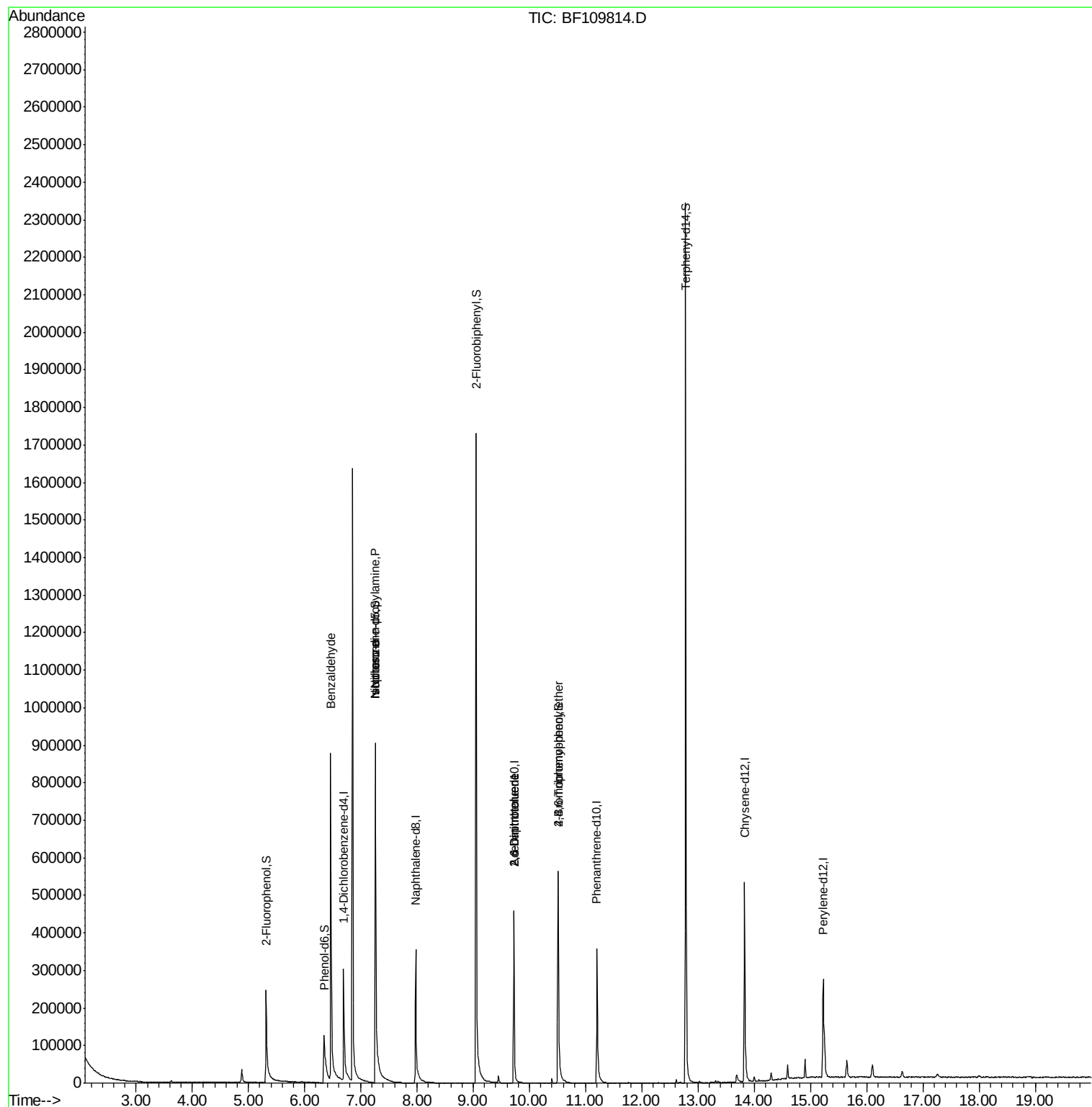
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	70390	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	254908	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	104150	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	213915	20.00	ng	0.00
75) Chrysene-d12	13.83	240	243903	20.00	ng	0.00
86) Perylene-d12	15.23	264	159369	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	142363	35.90	ng	0.00
7) Phenol-d6	6.35	99	118354	22.34	ng	-0.01
23) Nitrobenzene-d5	7.26	82	466334	100.84	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	107682	94.89	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	753986	99.71	ng	0.00
78) Terphenyl-d14	12.78	244	908694	72.12	ng	0.00
Target Compounds						
9) Benzaldehyde	6.46	77	6923	2.031	ng	# 72
19) n-Nitroso-di-n-propylamine	7.26	70	59605	16.044	ng	# 78
25) Isophorone	7.26	82	466334	60.729	ng	# 67
50) 2,6-Dinitrotoluene	9.72	165	12556	7.583	ng	# 21
56) 2,4-Dinitrotoluene	9.72	165	12556	6.077	ng	# 17
66) 4-Bromophenyl-phenylether	10.51	248	6018	2.448	ng	# 1

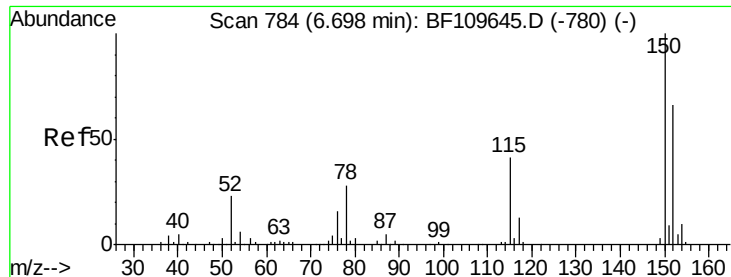
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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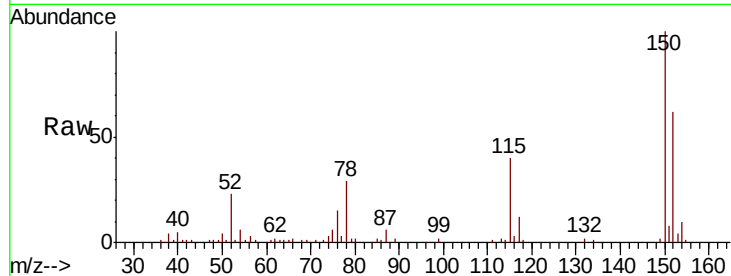


#1

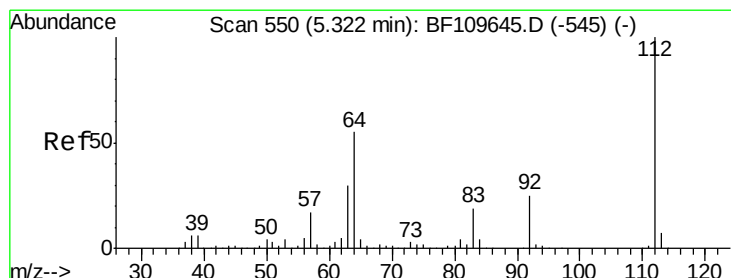
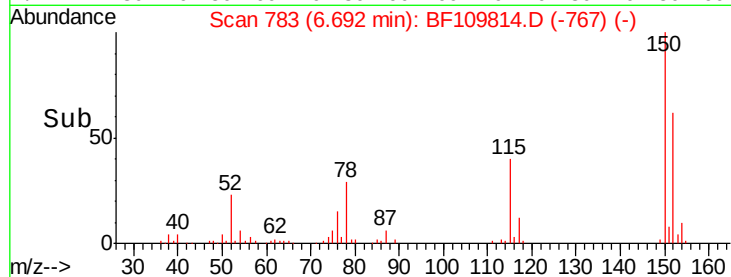
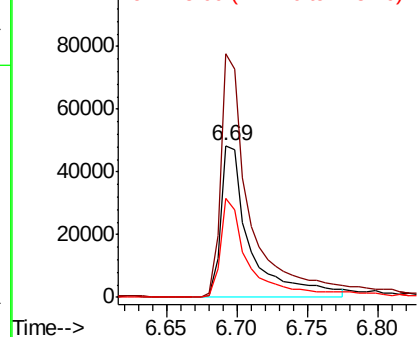
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF109814.D
Acq: 12 Oct 2018 4:47

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

Tgt Ion:152 Resp: 70390
Ion Ratio Lower Upper
152 100
150 160.6 122.7 184.1
115 64.9 49.1 73.7



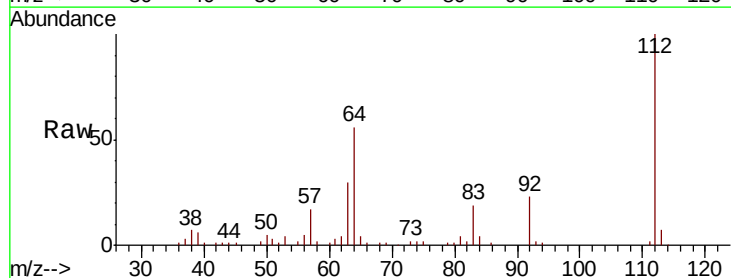
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



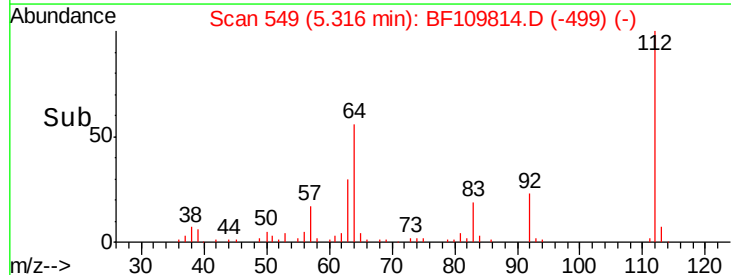
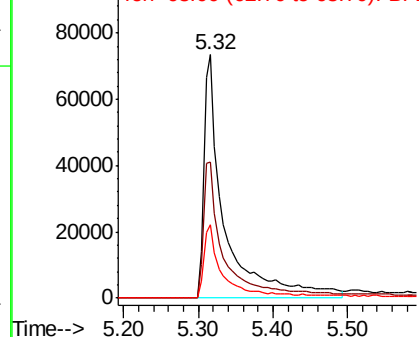
#5

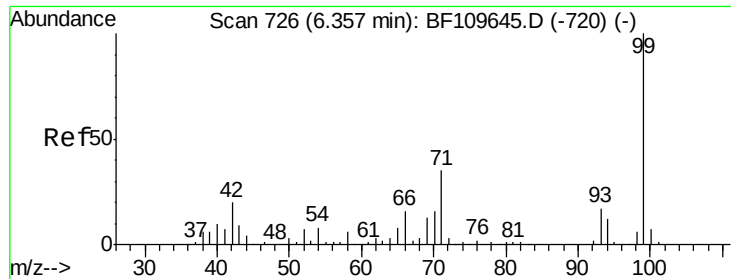
2-Fluorophenol
Concen: 35.900 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF109814.D
Acq: 12 Oct 2018 4:47

Tgt Ion:112 Resp: 142363
Ion Ratio Lower Upper
112 100
64 55.8 44.1 66.1
63 30.1 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: 22.341 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109814.D

Acq: 12 Oct 2018 4:47

Instrument :

BNA_F

ClientSampleId :

100418-SIDI-E-D-M

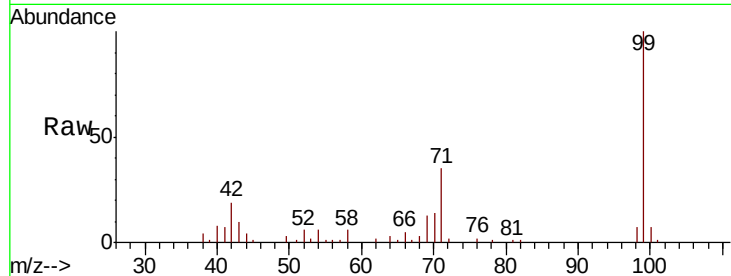
Tgt Ion: 99 Resp: 118354

Ion Ratio Lower Upper

99 100

42 18.5 15.8 23.6

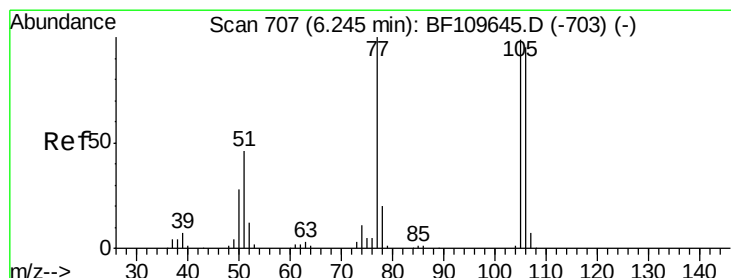
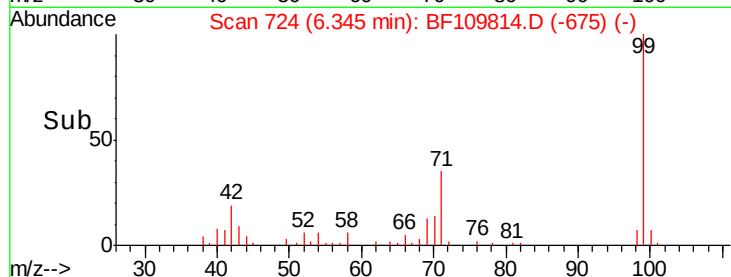
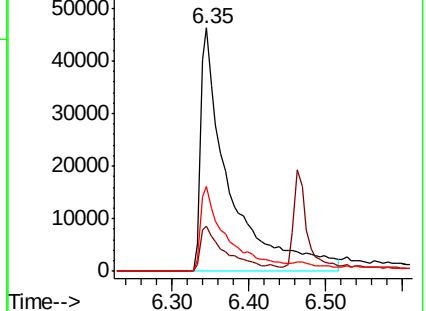
71 35.0 28.0 42.0



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: 2.031 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.22 min

Lab File: BF109814.D

Acq: 12 Oct 2018 4:47

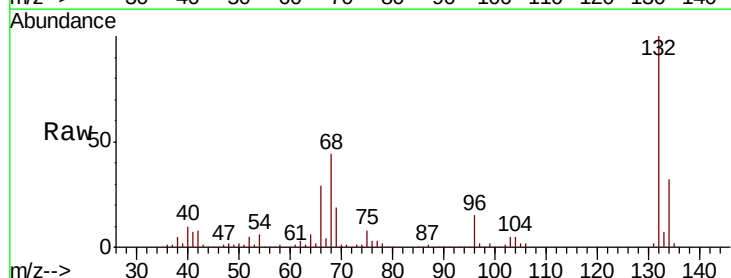
Tgt Ion: 77 Resp: 6923

Ion Ratio Lower Upper

77 100

105 73.8 78.6 118.6#

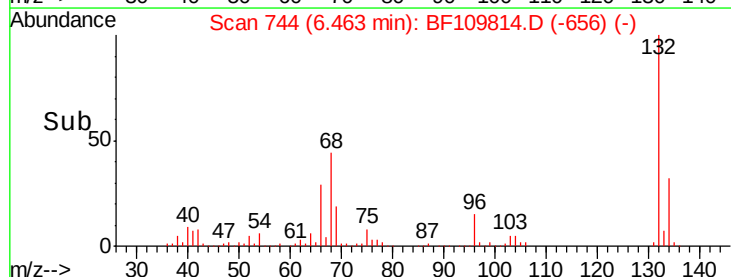
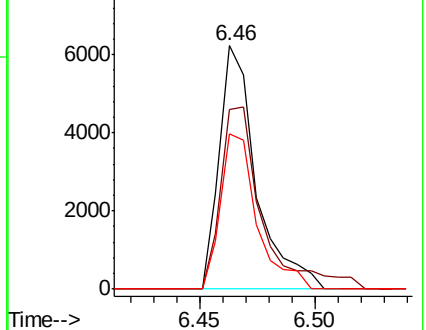
106 63.9 74.8 114.8#

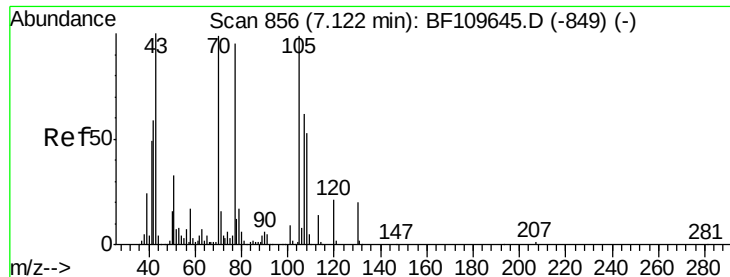


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

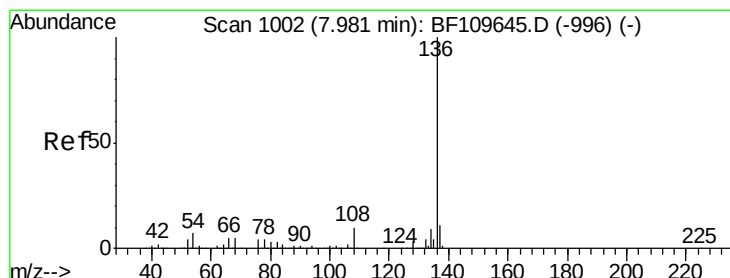
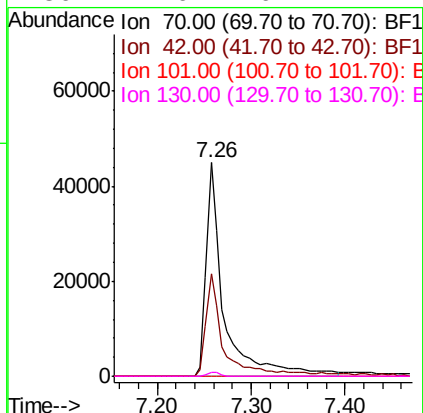
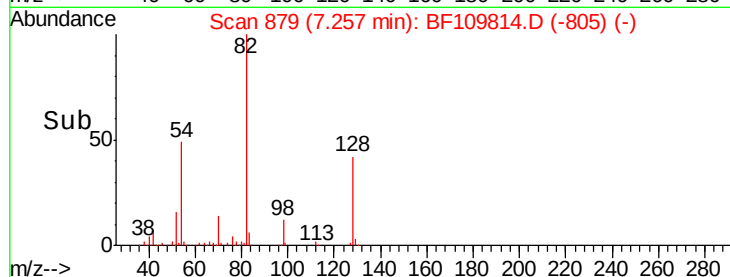
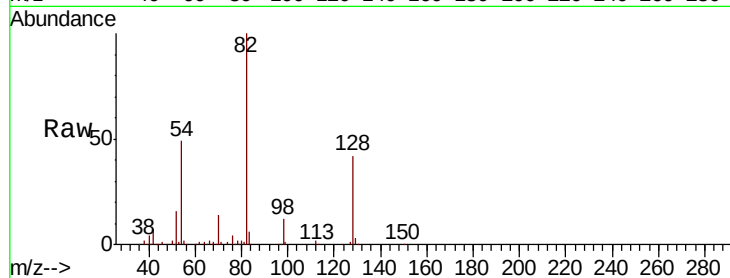




#19
n-Nitroso-di-n-propylamine
Concen: 16.044 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.14 min
Lab File: BF109814.D
Acq: 12 Oct 2018 4:47

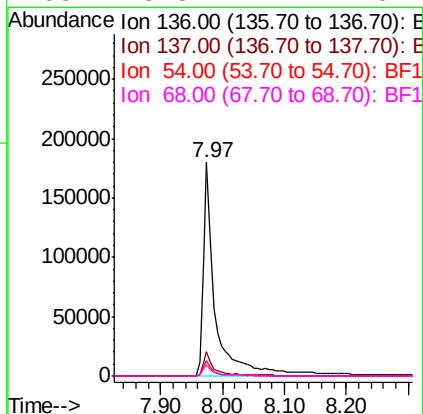
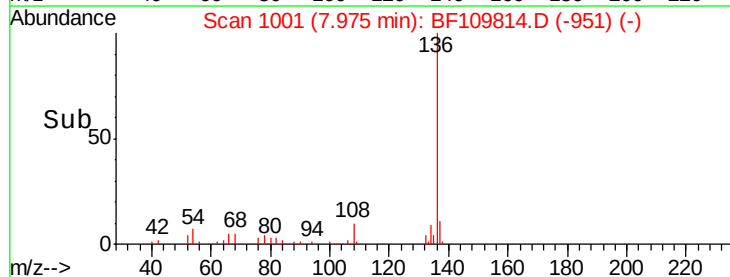
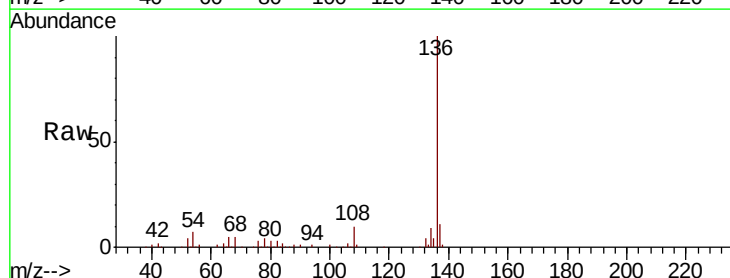
Instrument :
BNA_F
ClientSampleId :
100418-SIDI-E-D-M

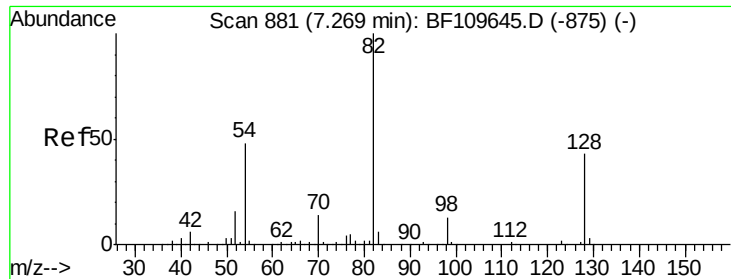
Tgt Ion: 70 Resp: 59605
Ion Ratio Lower Upper
70 100
42 47.8 47.4 71.2
101 0.0 7.3 10.9#
130 1.6 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109814.D
Acq: 12 Oct 2018 4:47

Tgt Ion: 136 Resp: 254908
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.1 5.4 8.2
68 5.3 4.2 6.2

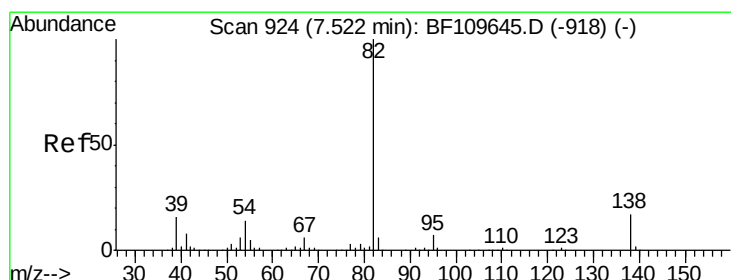
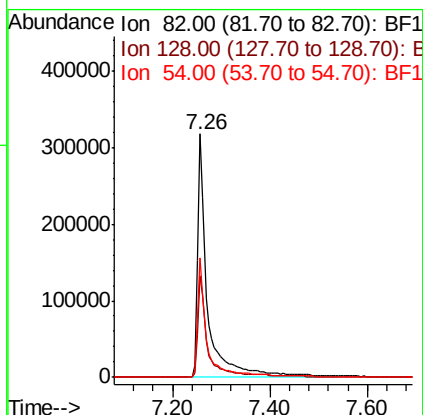
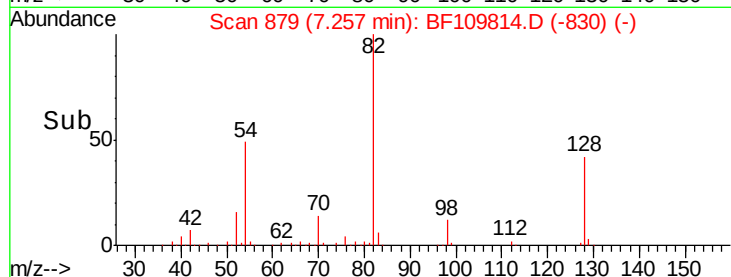
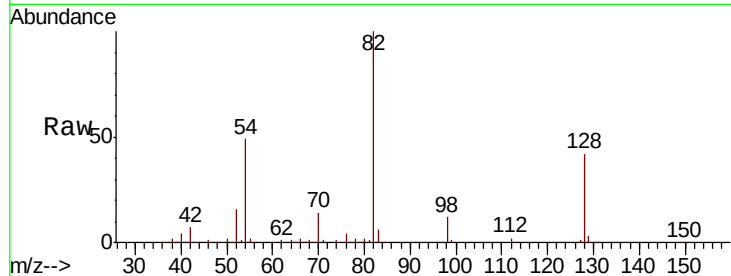




#23
Nitrobenzene-d5
Concen: 100.844 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF109814.D
Acq: 12 Oct 2018 4:47

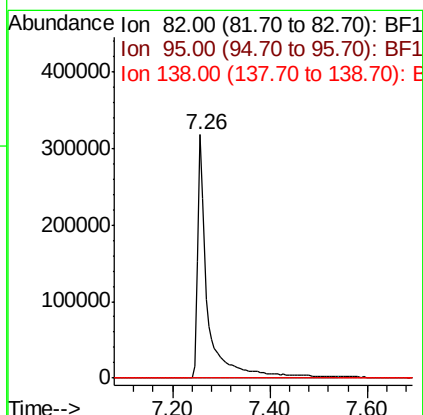
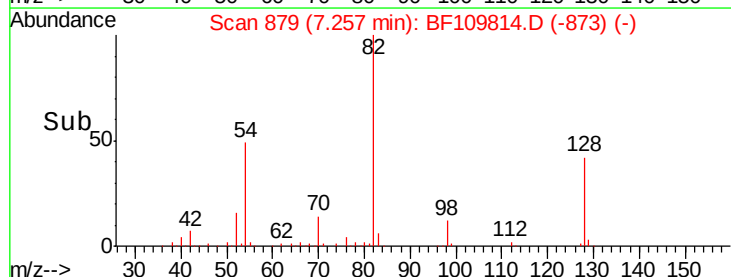
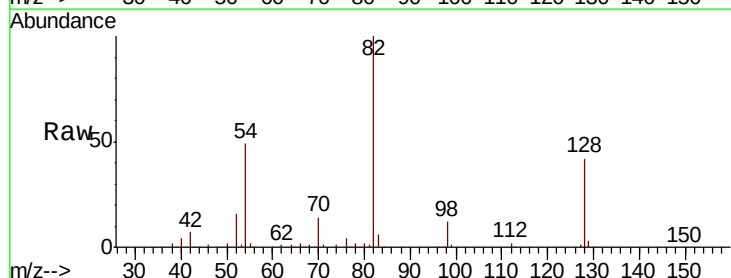
Instrument :
BNA_F
ClientSampleId :
100418-SIDI-E-D-M

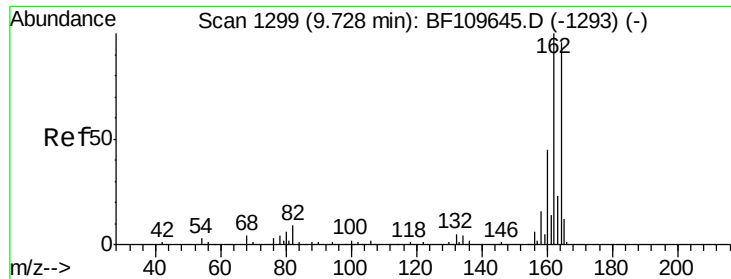
Tgt Ion: 82 Resp: 466334
Ion Ratio Lower Upper
82 100
128 41.5 34.2 51.2
54 48.9 38.6 58.0



#25
Isophorone
Concen: 60.729 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.26 min
Lab File: BF109814.D
Acq: 12 Oct 2018 4:47

Tgt Ion: 82 Resp: 466334
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: BF109814.D

Acq: 12 Oct 2018 4:47

Instrument :

BNA_F

ClientSampleId :

100418-SIDI-E-D-M

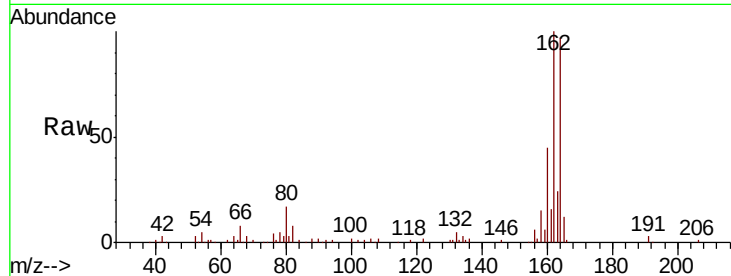
Tgt Ion:164 Resp: 104150

Ion Ratio Lower Upper

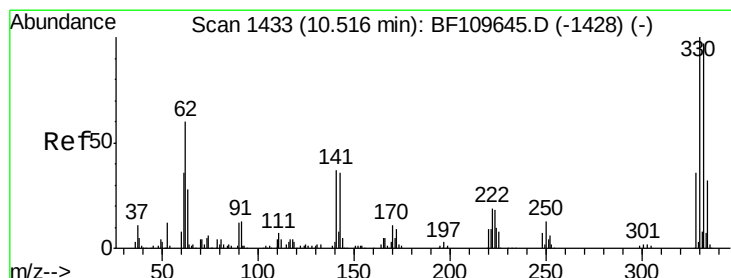
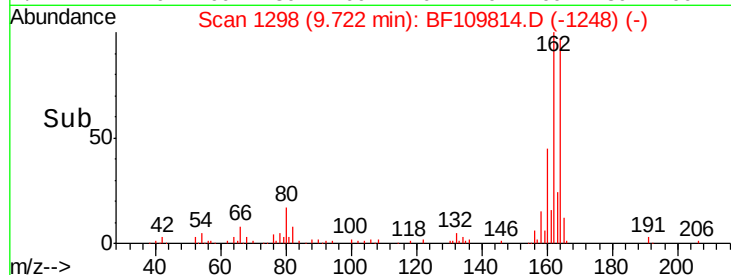
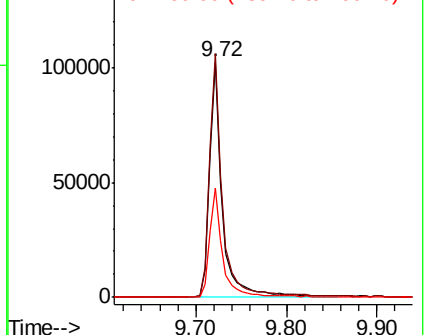
164 100

162 103.6 83.0 124.6

160 46.6 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: 94.888 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF109814.D

Acq: 12 Oct 2018 4:47

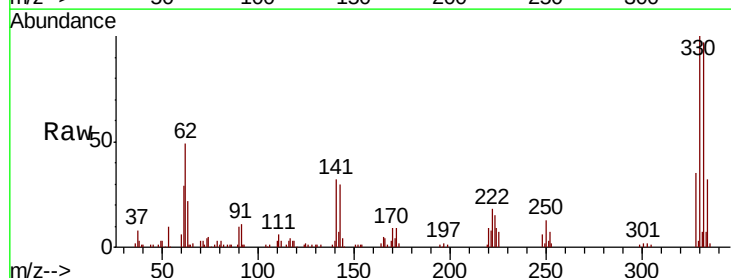
Tgt Ion:330 Resp: 107682

Ion Ratio Lower Upper

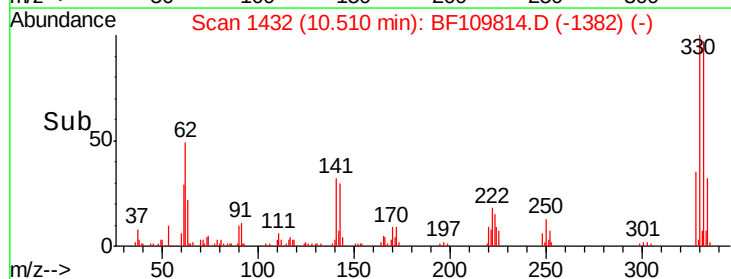
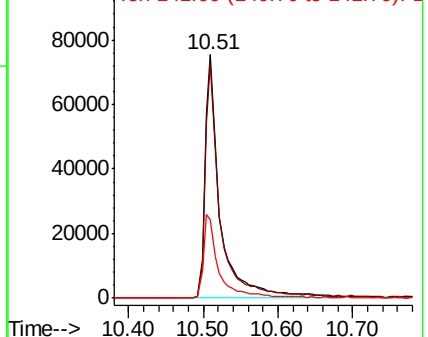
330 100

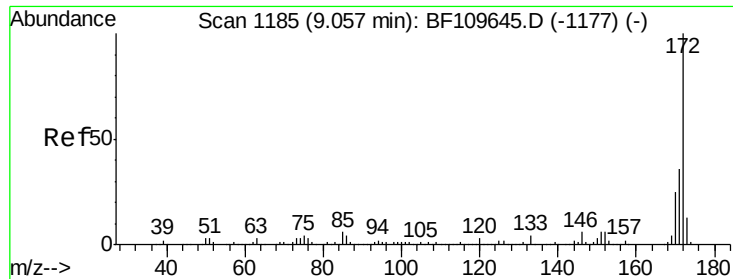
332 93.8 77.1 115.7

141 34.6 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

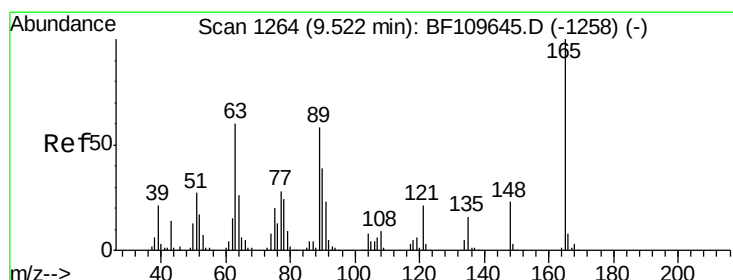
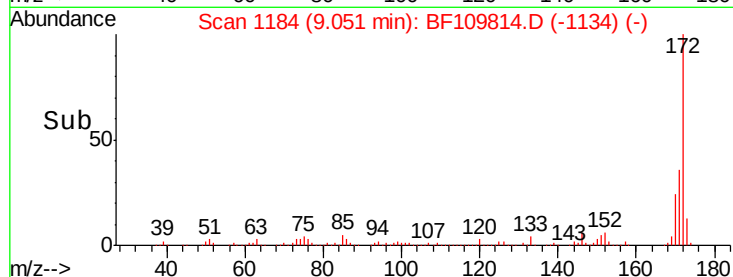
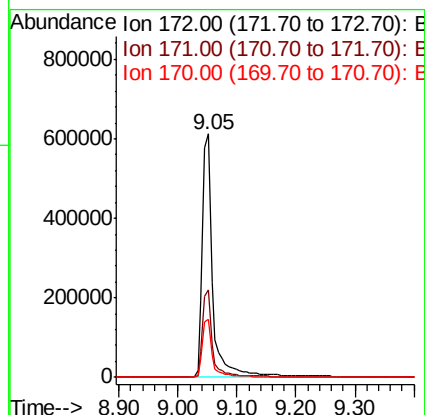
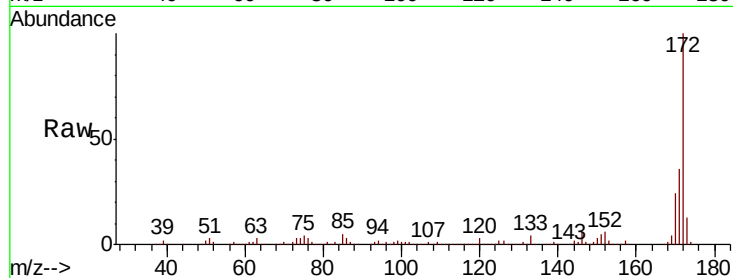




#44
 2-Fluorobiphenyl
 Concen: 99.705 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109814.D
 Acq: 12 Oct 2018 4:47

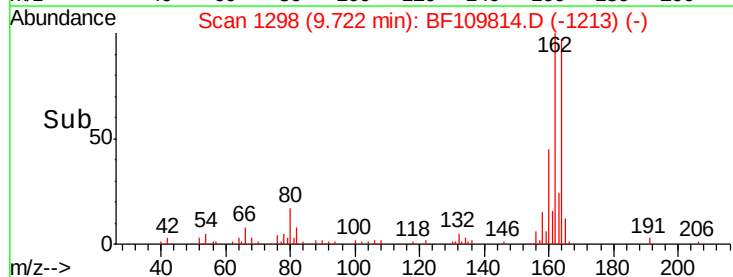
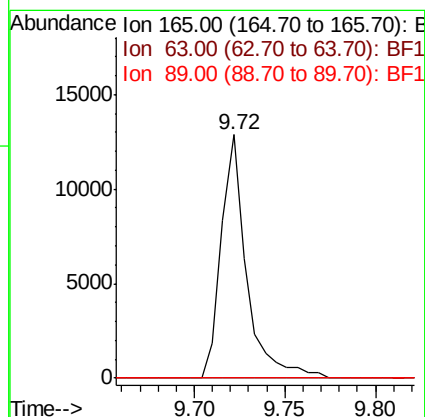
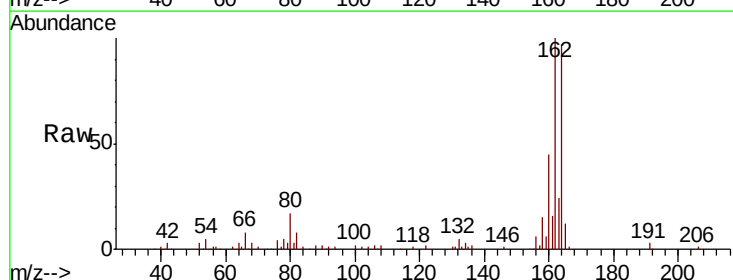
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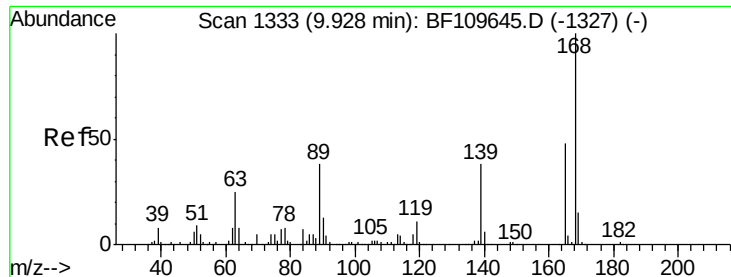
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	24.1	19.7	29.5



#50
 2,6-Dinitrotoluene
 Concen: 7.583 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. 0.20 min
 Lab File: BF109814.D
 Acq: 12 Oct 2018 4:47

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

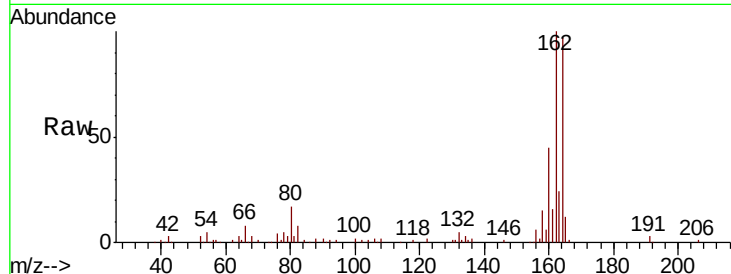




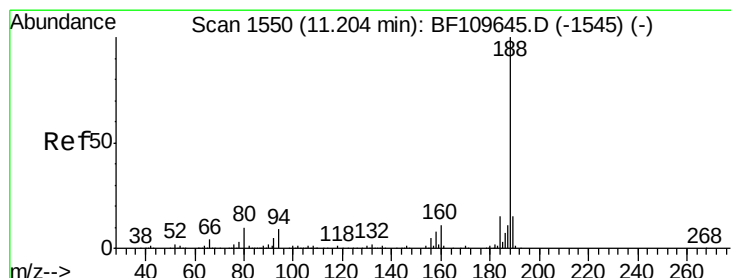
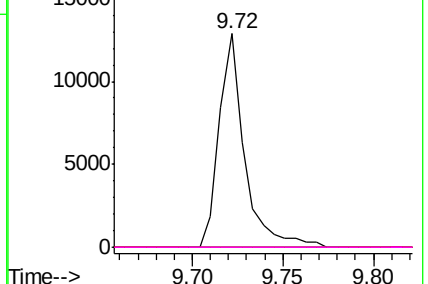
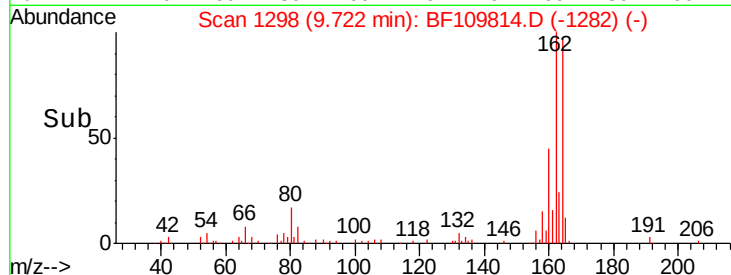
#56
 2,4-Dinitrotoluene
 Concen: 6.077 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.21 min
 Lab File: BF109814.D
 Acq: 12 Oct 2018 4:47

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

Tgt Ion:	165	Resp:	12556
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#

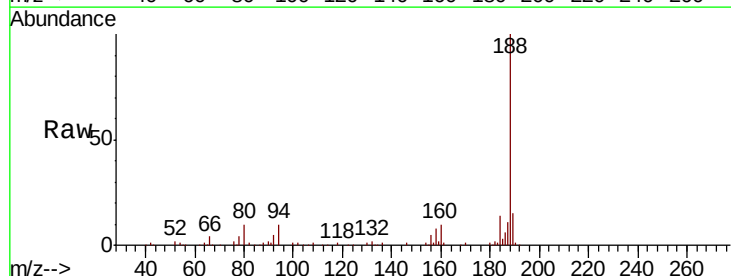


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

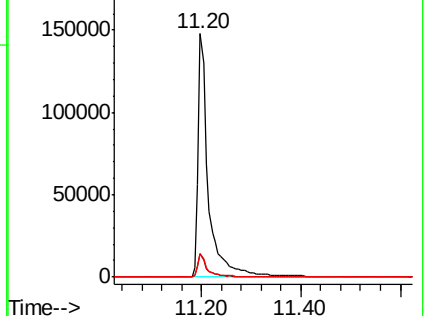
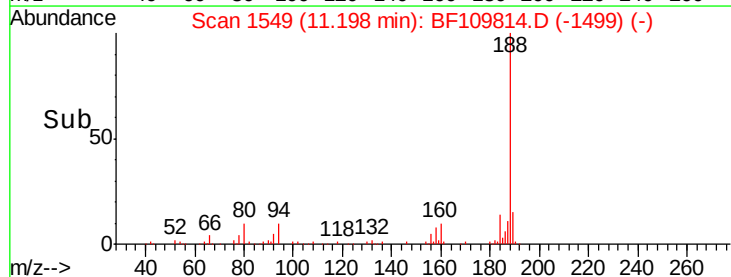


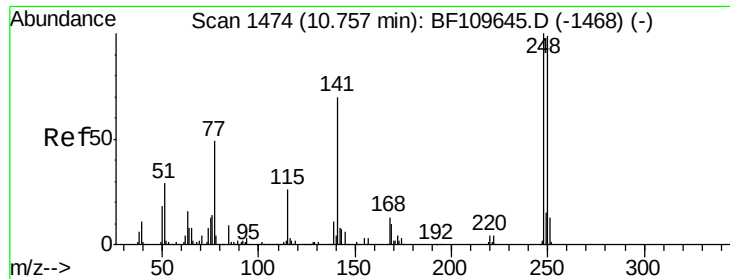
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF109814.D
 Acq: 12 Oct 2018 4:47

Tgt Ion:	188	Resp:	213915
Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.2	10.8
80	9.9	7.9	11.9



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

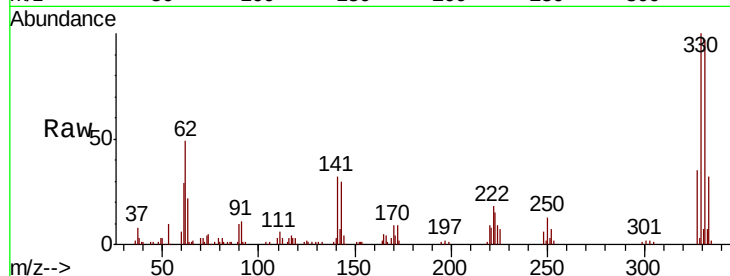




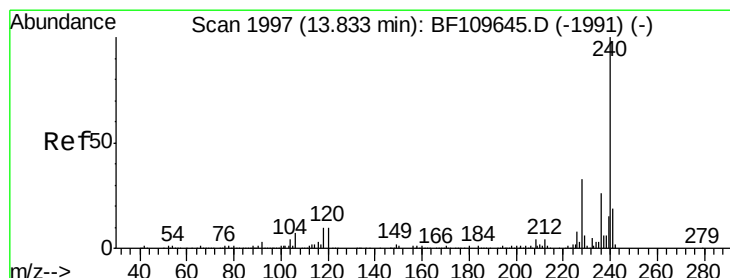
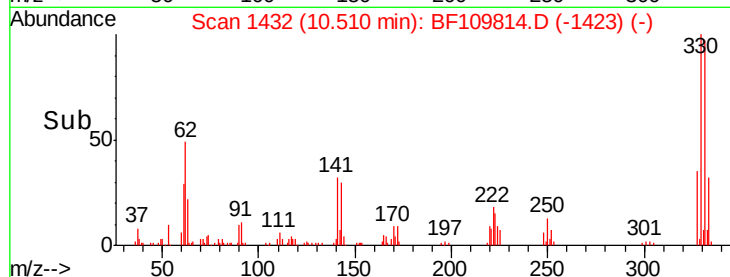
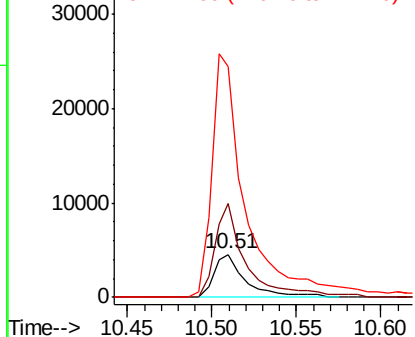
#66
 4-Bromophenyl-phenylether
 Concen: 2.448 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.25 min
 Lab File: BF109814.D
 Acq: 12 Oct 2018 4:47

Instrument :
 BNA_F
 ClientSampled :
 100418-SIDI-E-D-M

Tgt Ion:248 Resp: 6018
 Ion Ratio Lower Upper
 248 100
 250 216.6 79.4 119.2#
 141 532.5 55.9 83.9#

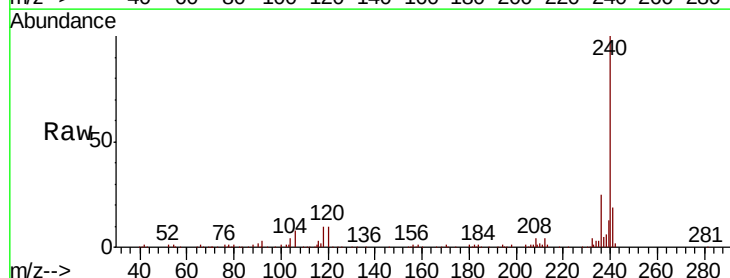


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

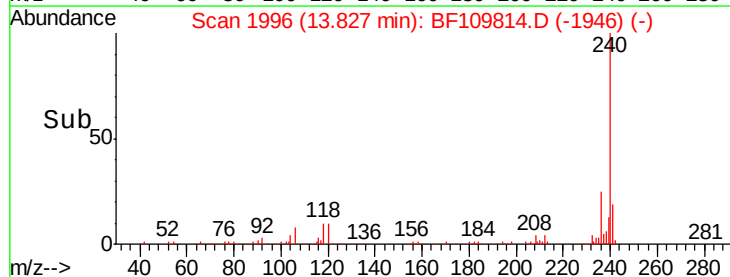
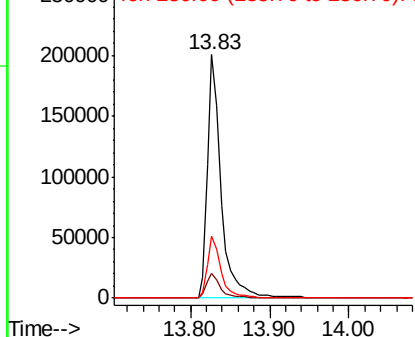


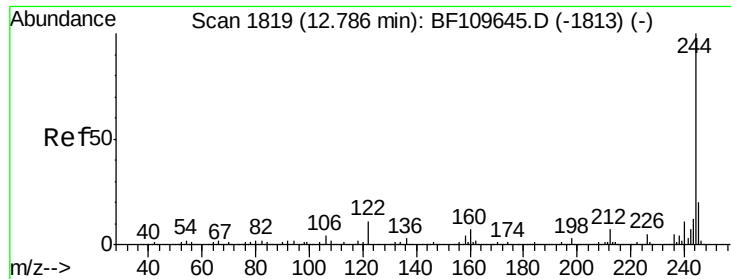
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF109814.D
 Acq: 12 Oct 2018 4:47

Tgt Ion:240 Resp: 243903
 Ion Ratio Lower Upper
 240 100
 120 10.2 8.3 12.5
 236 25.2 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: 72.122 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109814.D

Acq: 12 Oct 2018 4:47

Instrument :

BNA_F

ClientSampleId :

100418-SIDI-E-D-M

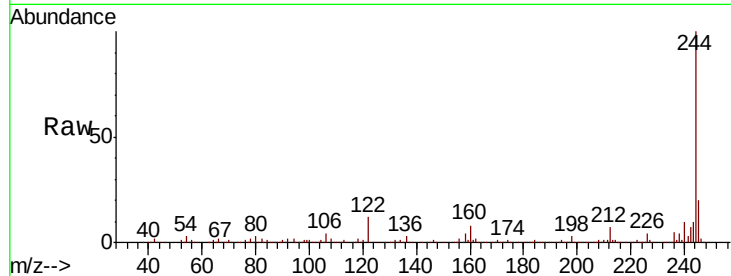
Tgt Ion:244 Resp: 908694

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

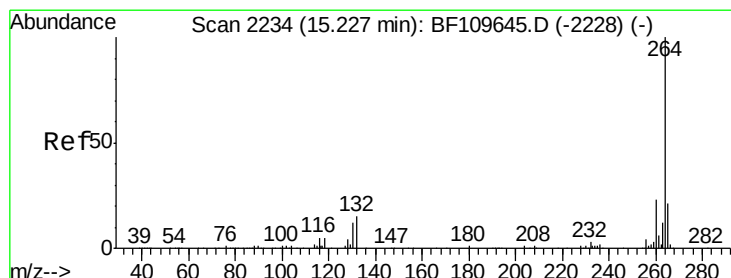
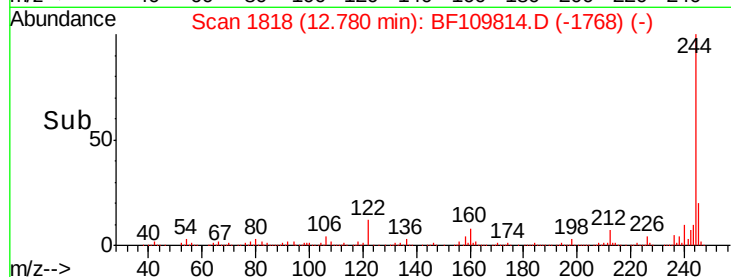
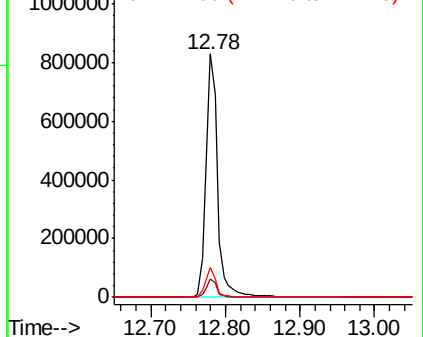
122 12.3 8.7 13.1



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: BF109814.D

Acq: 12 Oct 2018 4:47

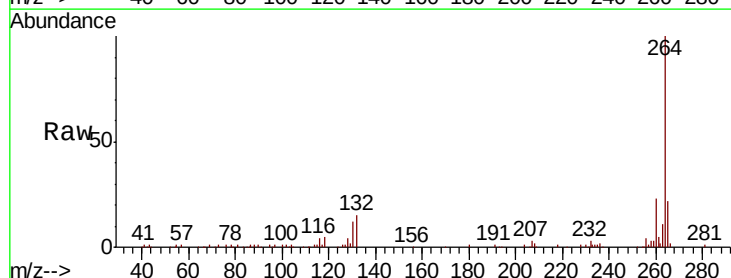
Tgt Ion:264 Resp: 159369

Ion Ratio Lower Upper

264 100

260 22.9 18.7 28.1

265 22.2 16.7 25.1



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

