

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050218\
 Data File : BF105055.D
 Acq On : 3 May 2018 2:56
 Operator : JU/SJ
 Sample : J2684-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 043018-SIDI-F-D-B

Quant Time: May 03 04:31:02 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 02 17:25:18 2018
 Response via : Initial Calibration

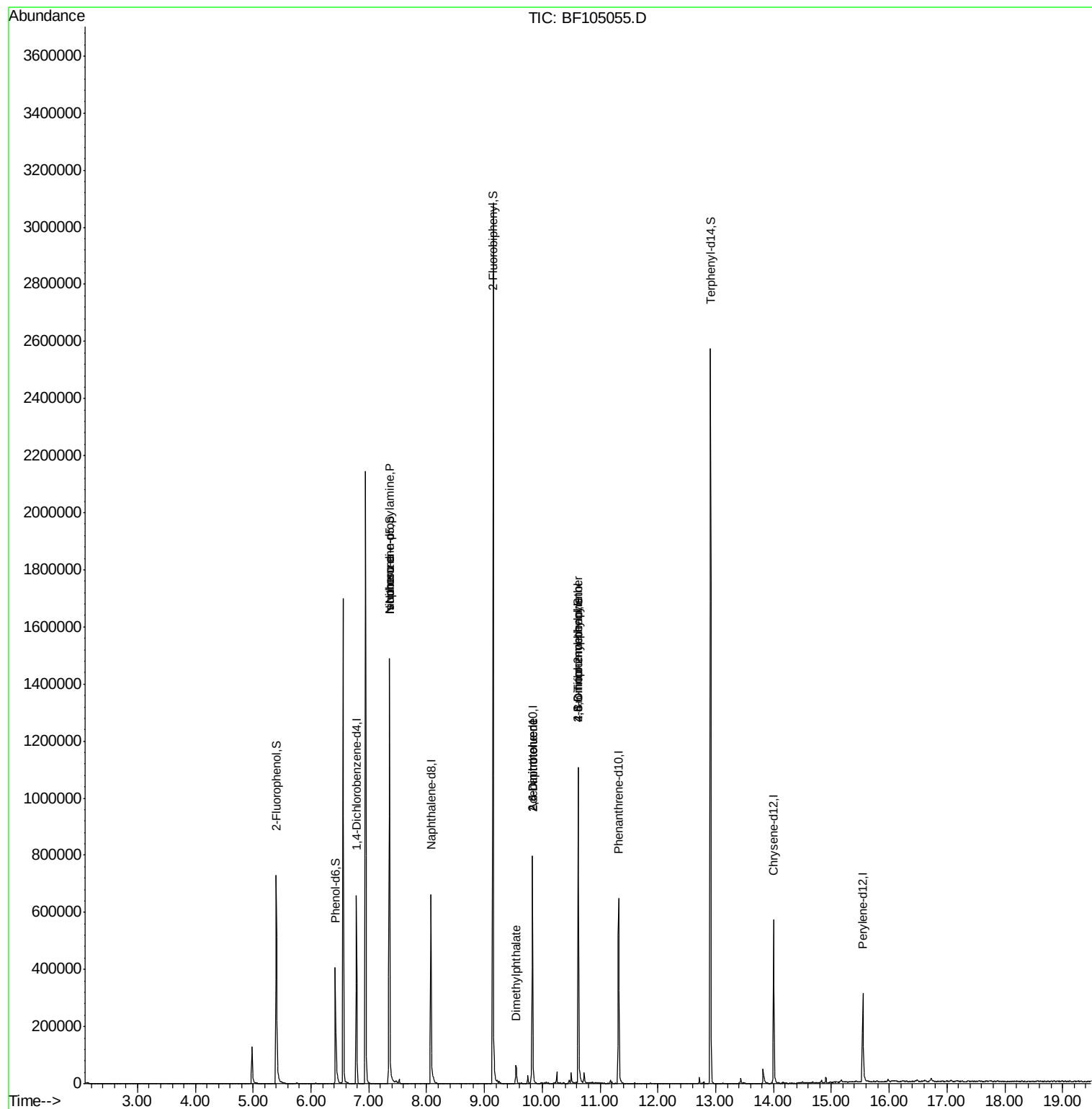
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	91769	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	375201	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	164504	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	273069	20.00	ng	0.00
75) Chrysene-d12	14.00	240	223245	20.00	ng	-0.03
86) Perylene-d12	15.54	264	176440	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	254314	42.37	ng	0.00
7) Phenol-d6	6.42	99	189140	25.65	ng	-0.02
23) Nitrobenzene-d5	7.36	82	569423	99.10	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	151321	88.68	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	1005330	96.54	ng	0.00
78) Terphenyl-d14	12.91	244	914106	93.35	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	71852	14.911	ng	# 71
25) Isophorone	7.36	82	562409	46.286	ng	# 64
49) Dimethylphthalate	9.55	163	36238	2.793	ng	100
50) 2,6-Dinitrotoluene	9.83	165	20081	8.366	ng	# 25
56) 2,4-Dinitrotoluene	9.83	165	20081	6.378	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.62	198	144	7.439	ng	# 1
66) 4-Bromophenyl-phenylether	10.62	248	9038	3.112	ng	# 1
76) Benzidine	12.91	184	11227	Below Cal		96

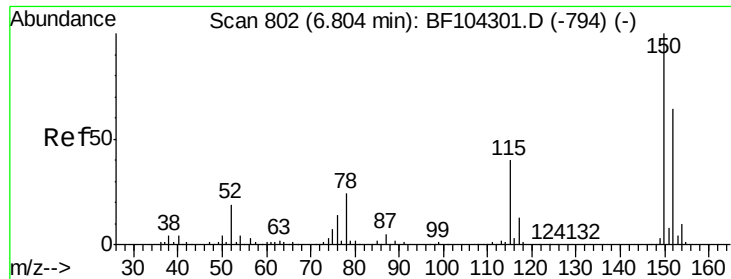
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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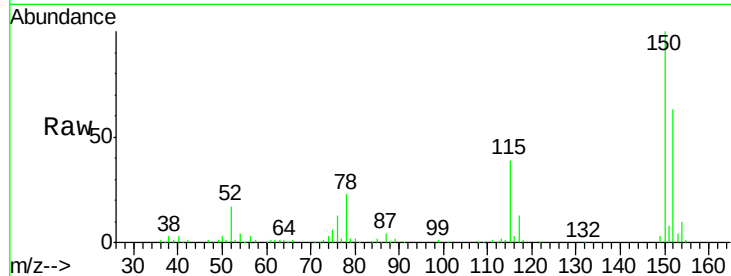


#1

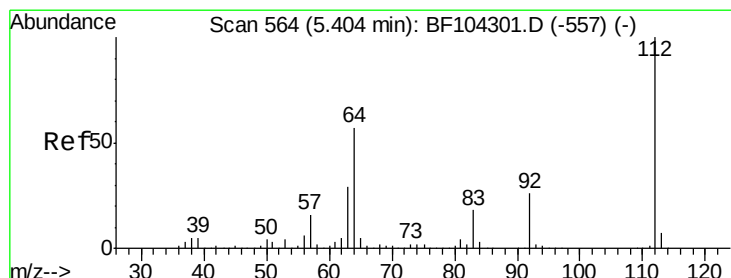
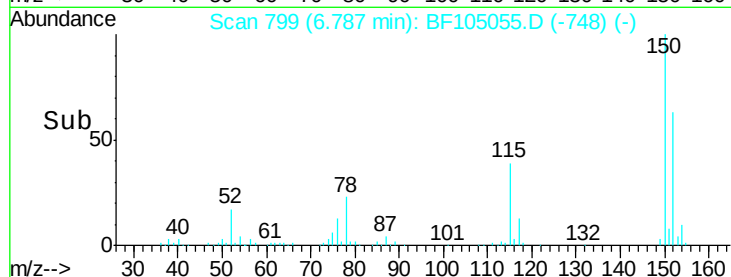
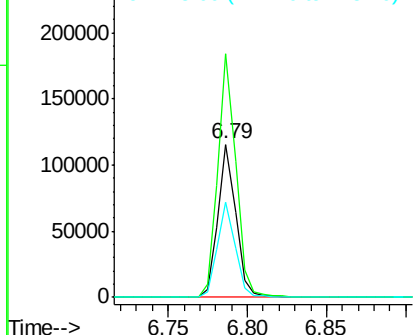
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF105055.D
Acq: 3 May 2018 2:56

Instrument :
BNA_F
ClientSampleId :
043018-SIDI-F-D-B

Tgt Ion:152 Resp: 91769
Ion Ratio Lower Upper
152 100
150 159.0 124.6 186.8
115 62.4 50.1 75.1



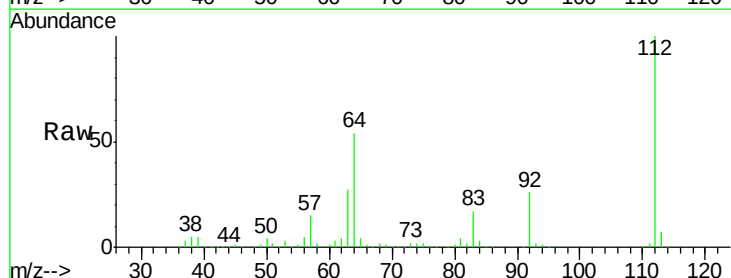
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



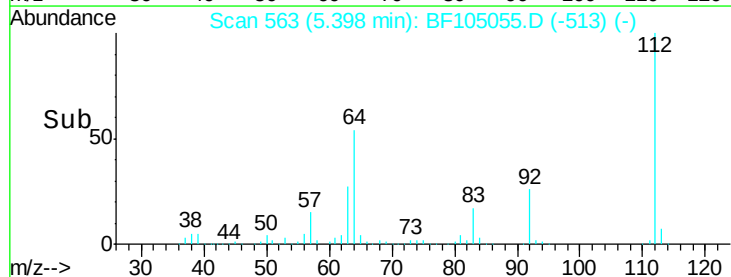
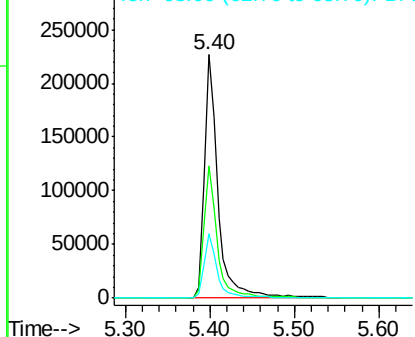
#5

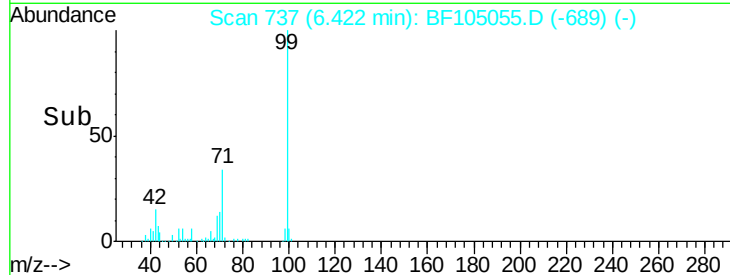
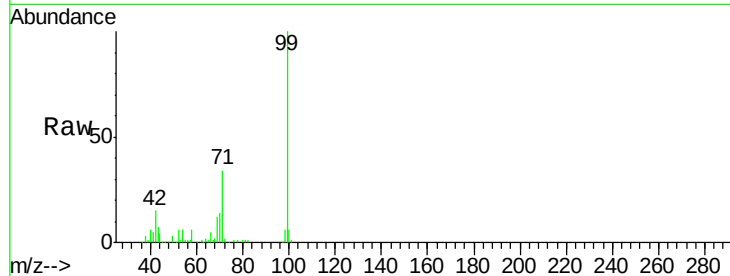
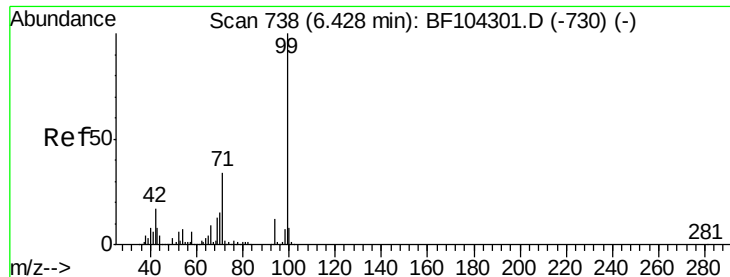
2-Fluorophenol
Concen: 42.374 ng
RT: 5.40 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF105055.D
Acq: 3 May 2018 2:56

Tgt Ion:112 Resp: 254314
Ion Ratio Lower Upper
112 100
64 54.2 47.9 71.9
63 26.6 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: 25.649 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF105055.D

Acq: 3 May 2018 2:56

Instrument :

BNA_F

ClientSampleId :

043018-SIDI-F-D-B

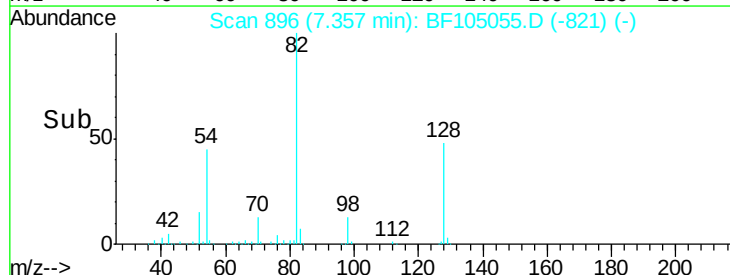
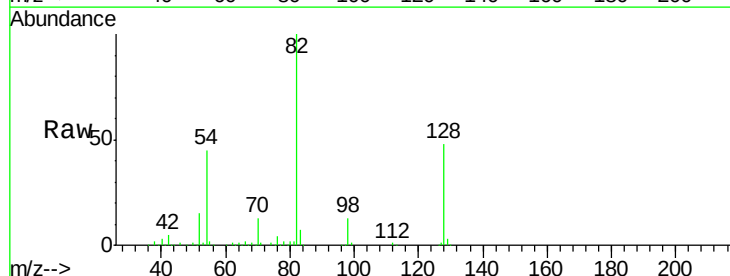
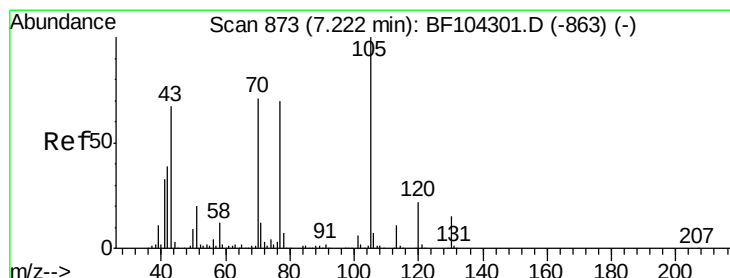
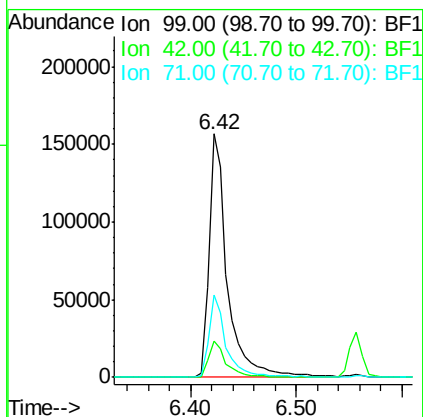
Tgt Ion: 99 Resp: 189140

Ion Ratio Lower Upper

99 100

42 15.0 14.5 21.7

71 33.8 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.911 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.14 min

Lab File: BF105055.D

Acq: 3 May 2018 2:56

Tgt Ion: 70 Resp: 71852

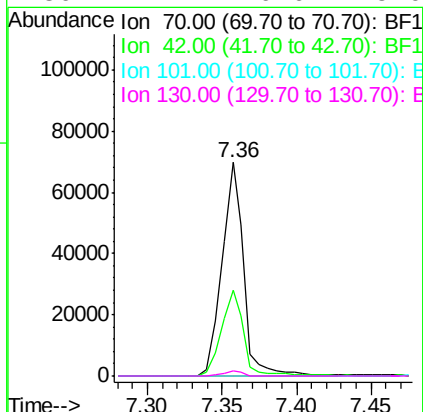
Ion Ratio Lower Upper

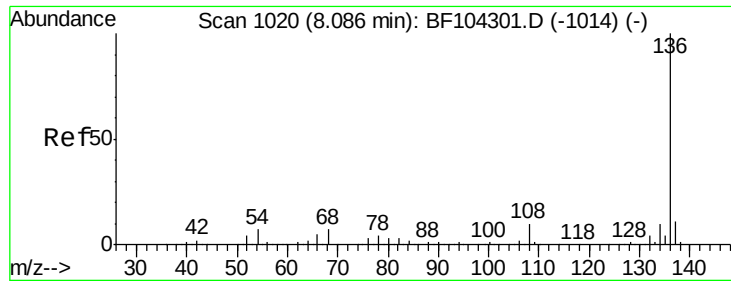
70 100

42 40.3 47.5 71.3#

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

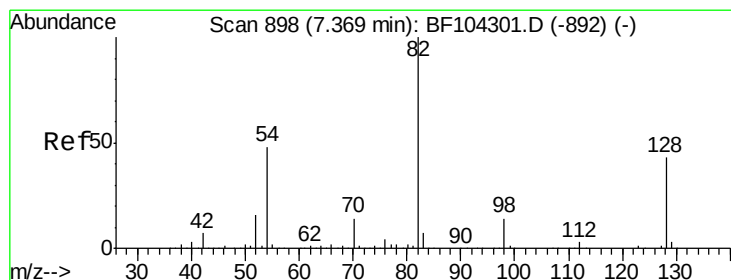
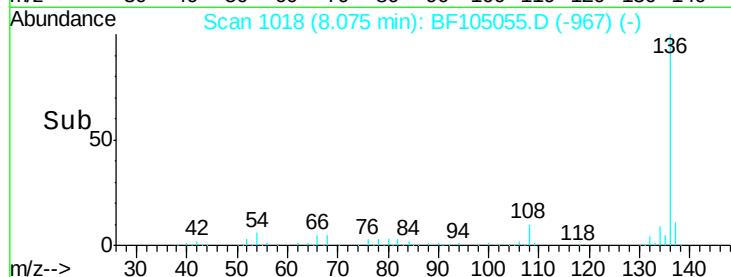
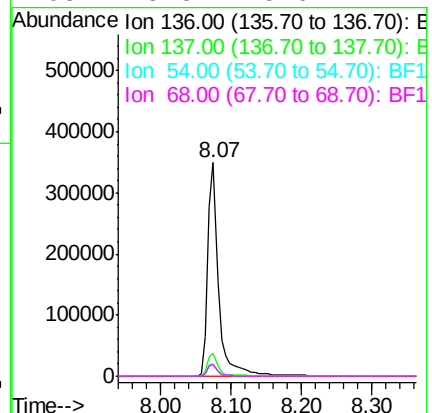
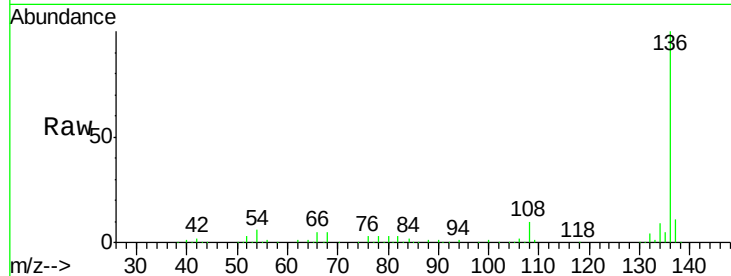




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF105055.D
Acq: 3 May 2018 2:56

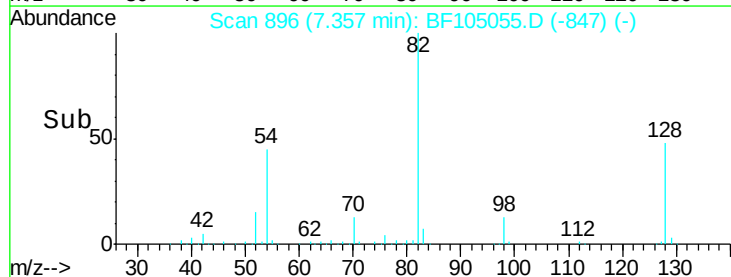
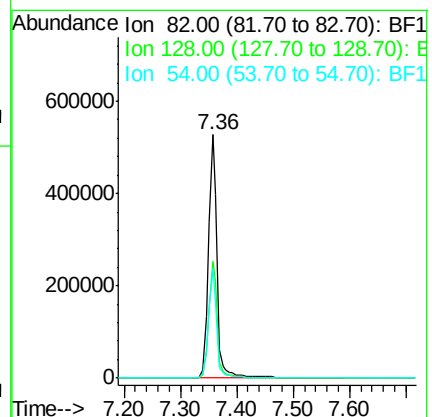
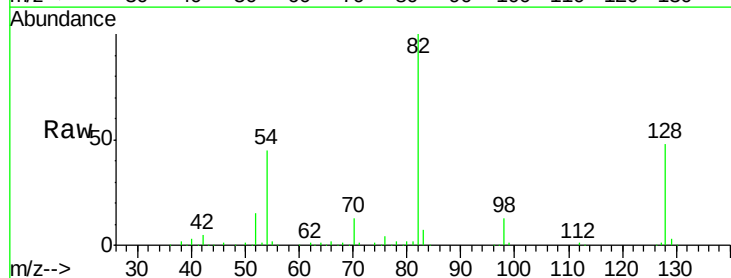
Instrument :
BNA_F
ClientSampleId :
043018-SIDI-F-D-B

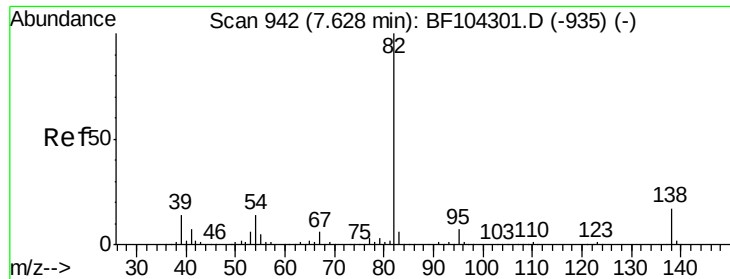
Tgt Ion: 136 Resp: 375201
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 5.7 6.6 9.8#
68 5.3 5.0 7.4



#23
Nitrobenzene-d5
Concen: 99.099 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF105055.D
Acq: 3 May 2018 2:56

Tgt Ion: 82 Resp: 569423
Ion Ratio Lower Upper
82 100
128 48.1 36.1 54.1
54 44.8 41.4 62.2





#25

Isophorone

Concen: 46.286 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.26 min

Lab File: BF105055.D

Acq: 3 May 2018 2:56

Instrument :

BNA_F

ClientSampleId :

043018-SIDI-F-D-B

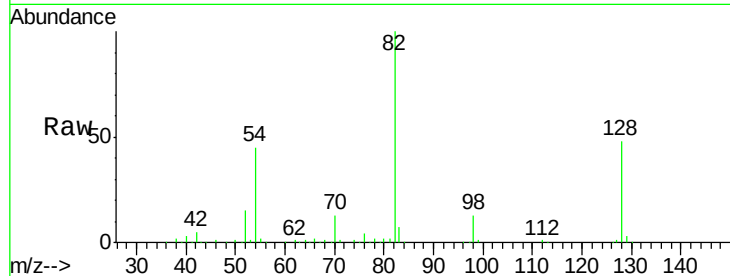
Tgt Ion: 82 Resp: 562409

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

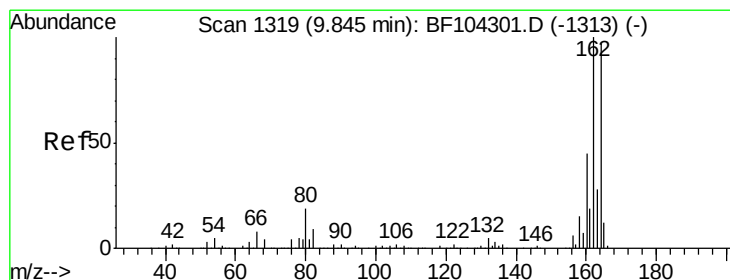
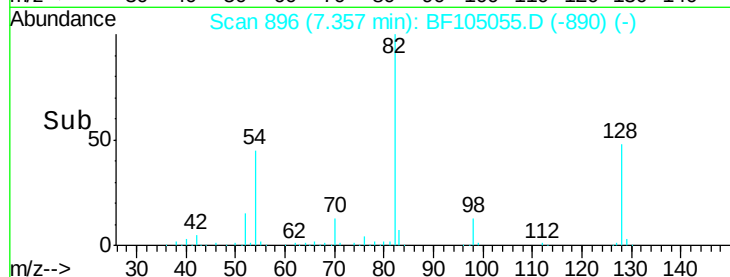
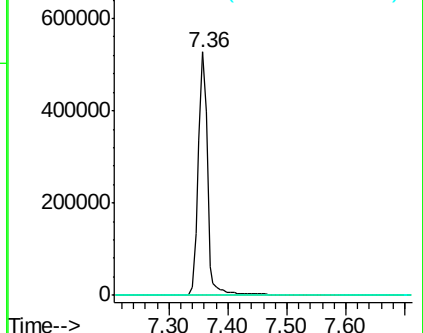
138 0.0 14.9 22.3#



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: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF105055.D

Acq: 3 May 2018 2:56

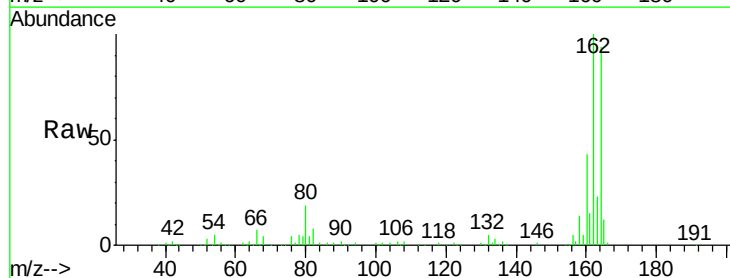
Tgt Ion: 164 Resp: 164504

Ion Ratio Lower Upper

164 100

162 106.2 86.1 129.1

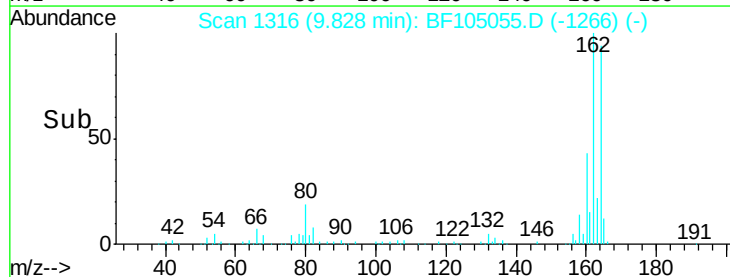
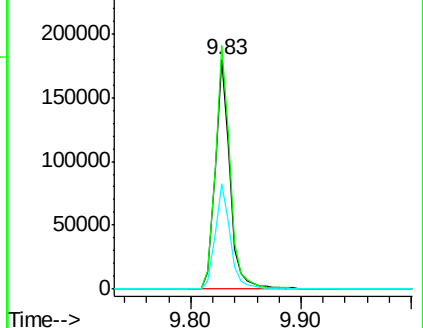
160 45.8 38.3 57.5

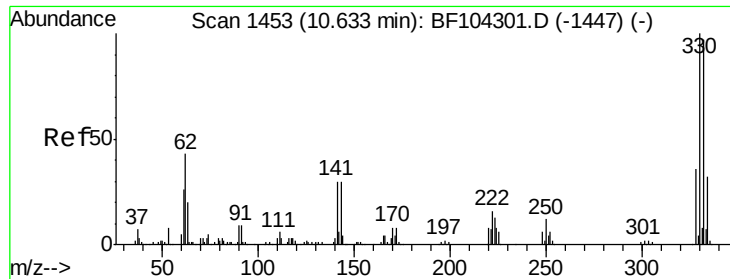


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

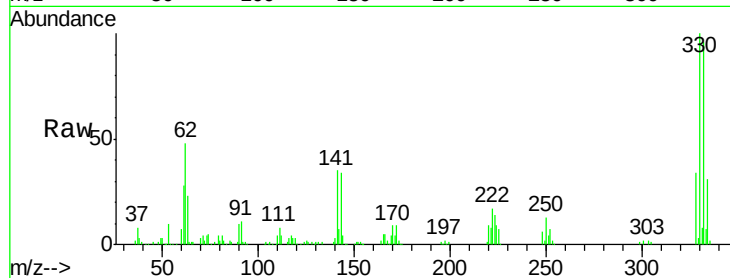




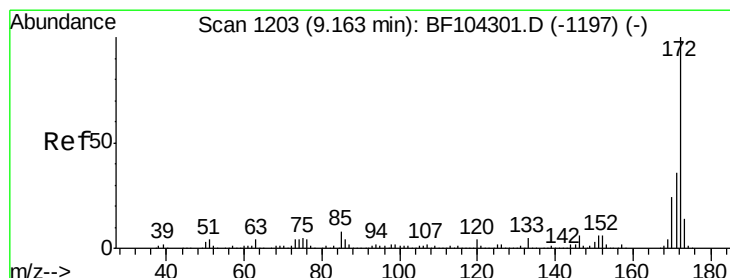
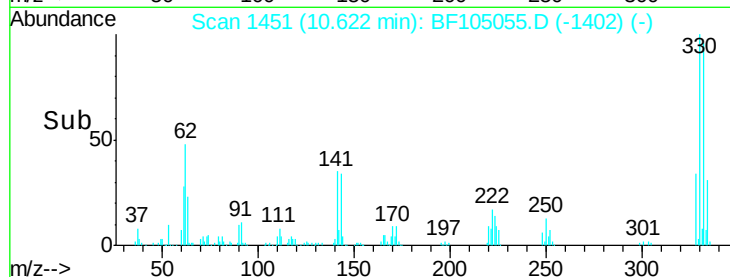
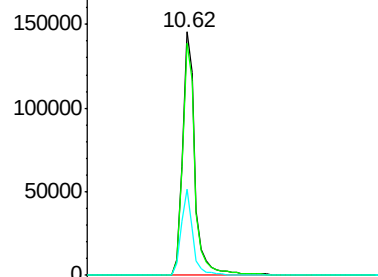
#41
 2,4,6-Tribromophenol
 Concen: 88.676 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF105055.D
 Acq: 3 May 2018 2:56

Instrument :
 BNA_F
 ClientSampleId :
 043018-SIDI-F-D-B

Tgt Ion:330 Resp: 151321
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 32.3 29.9 44.9

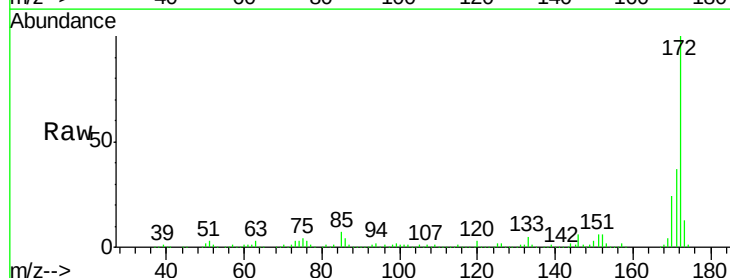


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

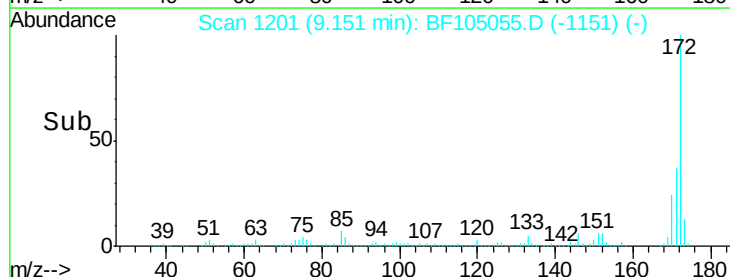
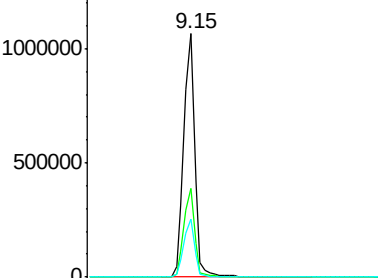


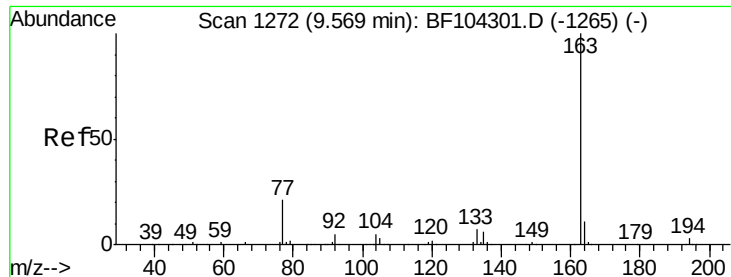
#44
 2-Fluorobiphenyl
 Concen: 96.543 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF105055.D
 Acq: 3 May 2018 2:56

Tgt Ion:172 Resp: 1005330
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 23.9 19.6 29.4



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

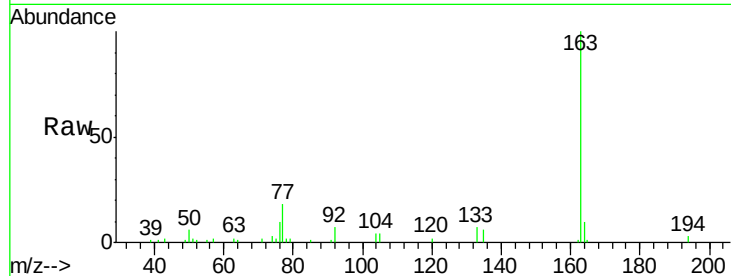




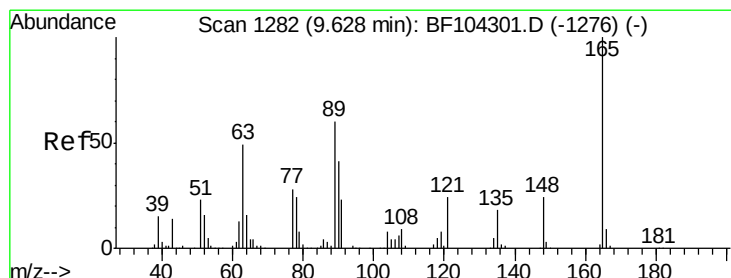
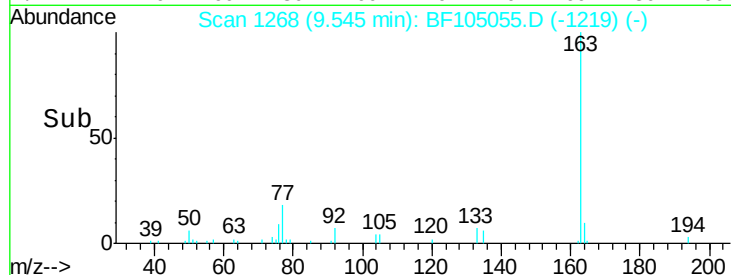
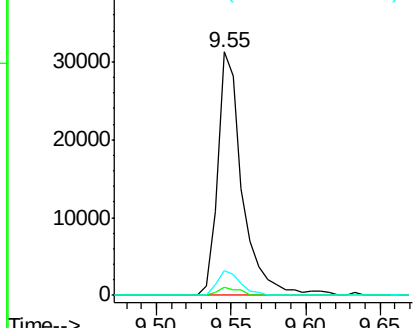
#49
Dimethylphthalate
Concen: 2.793 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF105055.D
Acq: 3 May 2018 2:56

Instrument :
BNA_F
ClientSampleId :
043018-SIDI-F-D-B

Tgt Ion:163 Resp: 36238
Ion Ratio Lower Upper
163 100
194 3.1 2.7 4.1
164 10.2 8.2 12.2

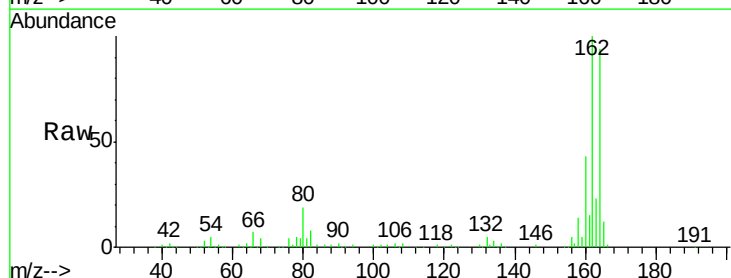


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

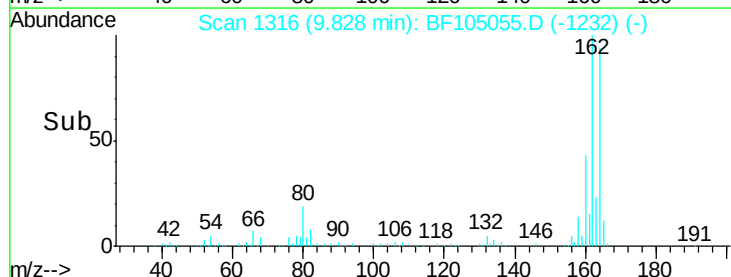
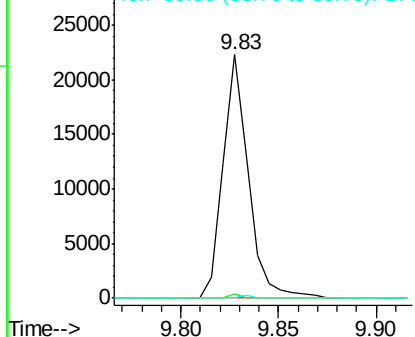


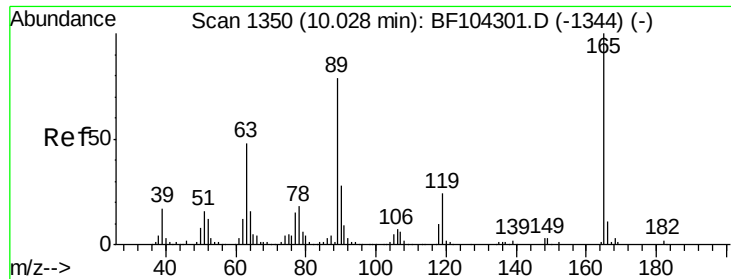
#50
2,6-Dinitrotoluene
Concen: 8.366 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.19 min
Lab File: BF105055.D
Acq: 3 May 2018 2:56

Tgt Ion:165 Resp: 20081
Ion Ratio Lower Upper
165 100
63 1.8 44.7 67.1#
89 0.0 44.0 66.0#



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

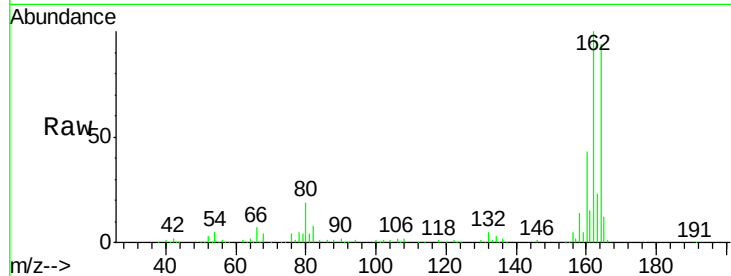




#56
 2,4-Dinitrotoluene
 Concen: 6.378 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.21 min
 Lab File: BF105055.D
 Acq: 3 May 2018 2:56

Instrument :
 BNA_F
 ClientSampleId :
 043018-SIDI-F-D-B

Tgt Ion:	165	Resp:	20081
Ion Ratio	Lower	Upper	
165	100		
63	1.8	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

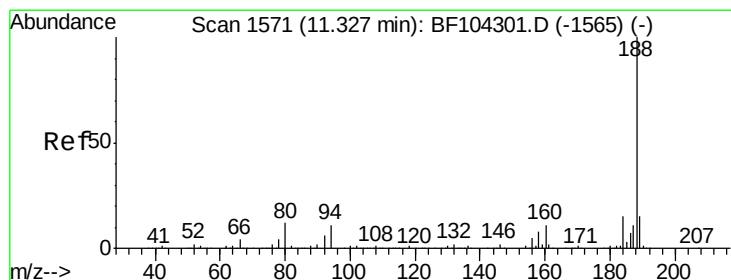
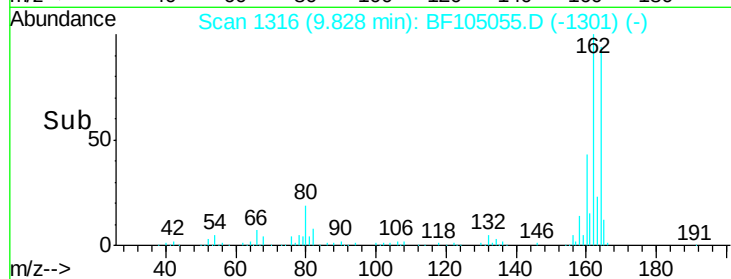
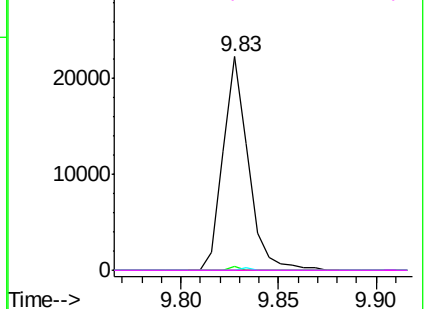


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

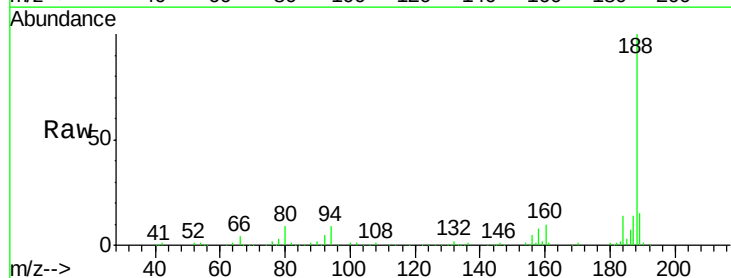
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.00 min
 Lab File: BF105055.D
 Acq: 3 May 2018 2:56

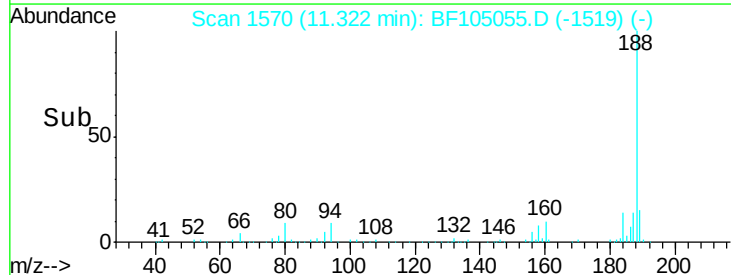
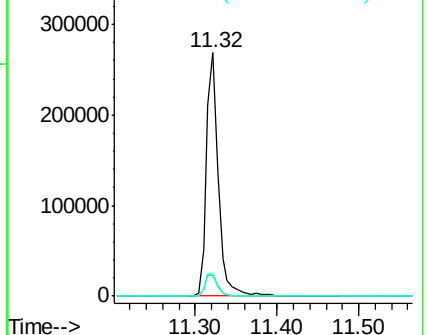
Tgt Ion:	188	Resp:	273069
Ion Ratio	Lower	Upper	
188	100		
94	8.8	8.5	12.7
80	9.4	9.2	13.8

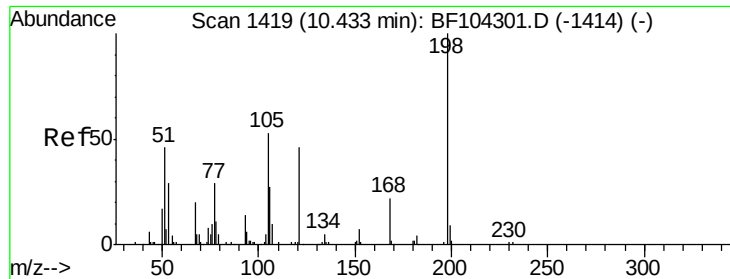


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

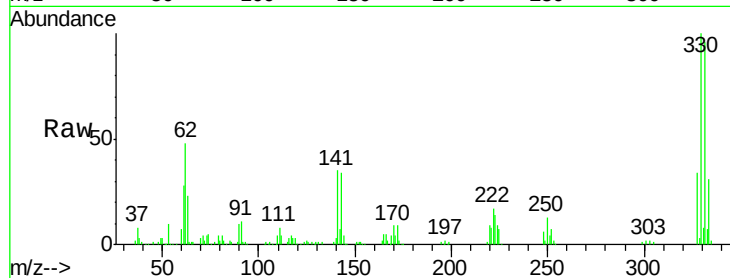




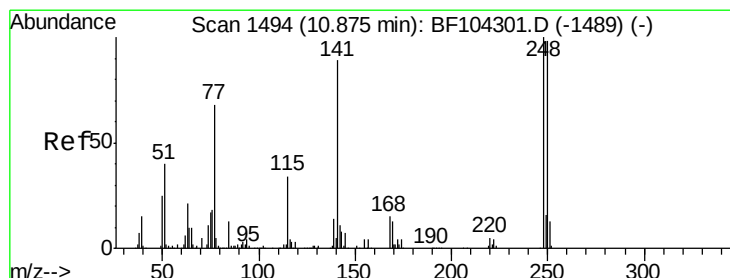
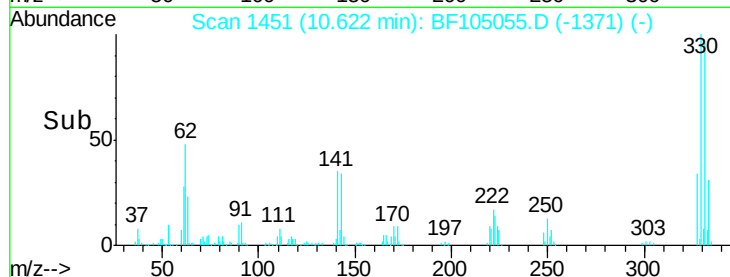
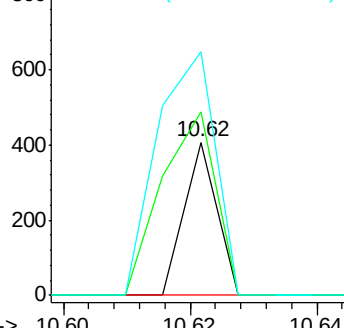
#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.439 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. 0.17 min
 Lab File: BF105055.D
 Acq: 3 May 2018 2:56

Instrument :
 BNA_F
 ClientSampleId :
 043018-SIDI-F-D-B

Tgt Ion:198 Resp: 144
 Ion Ratio Lower Upper
 198 100
 51 119.9 37.7 77.7#
 105 158.8 36.3 76.3#

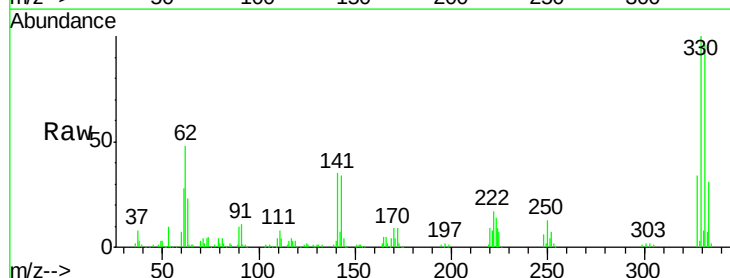


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

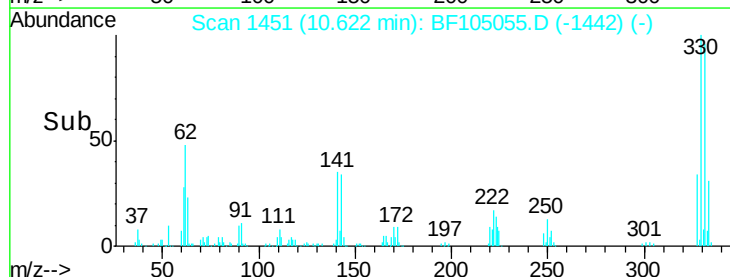
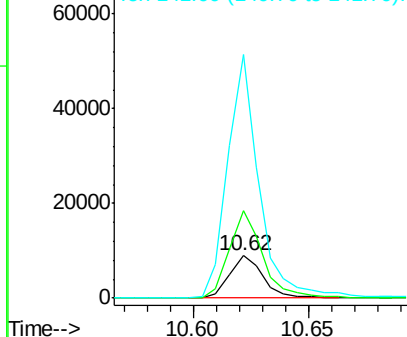


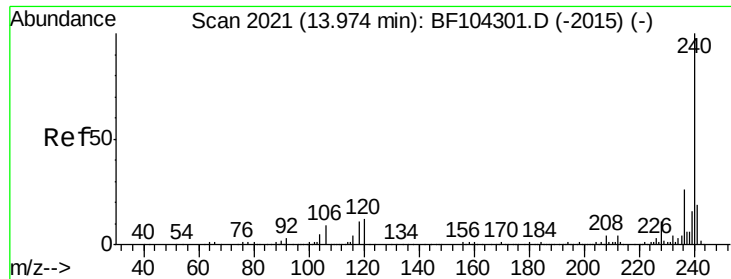
#66
 4-Bromophenyl-phenylether
 Concen: 3.112 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.25 min
 Lab File: BF105055.D
 Acq: 3 May 2018 2:56

Tgt Ion:248 Resp: 9038
 Ion Ratio Lower Upper
 248 100
 250 208.2 76.9 115.3#
 141 575.6 74.4 111.6#



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

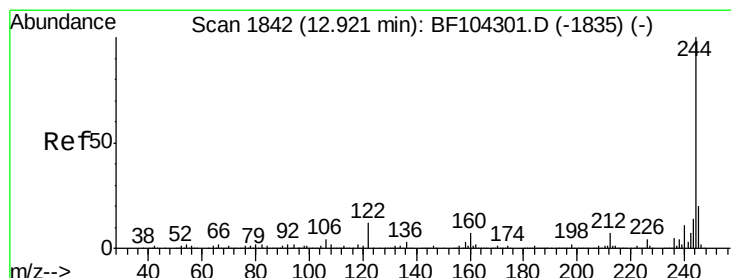
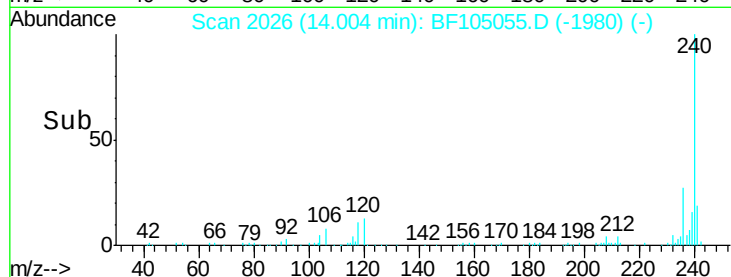
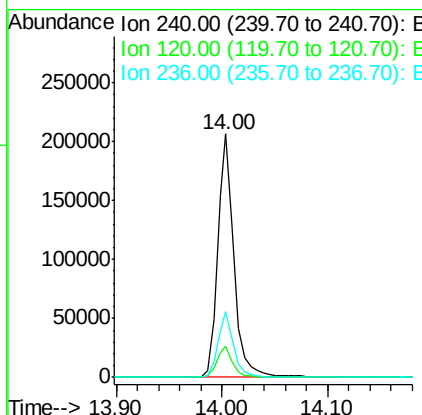
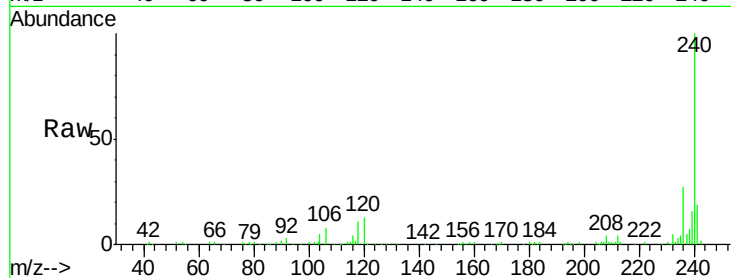




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.03 min
Lab File: BF105055.D
Acq: 3 May 2018 2:56

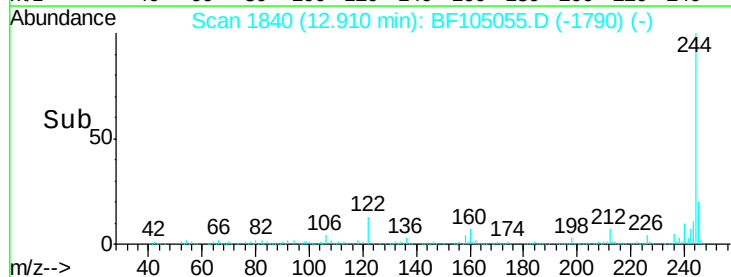
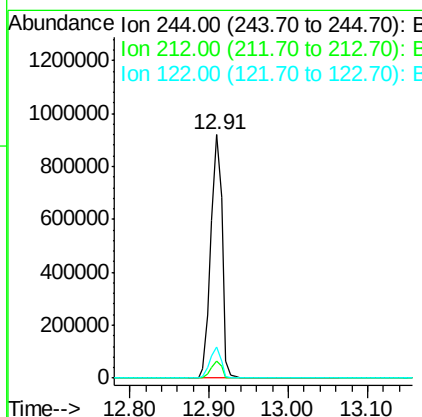
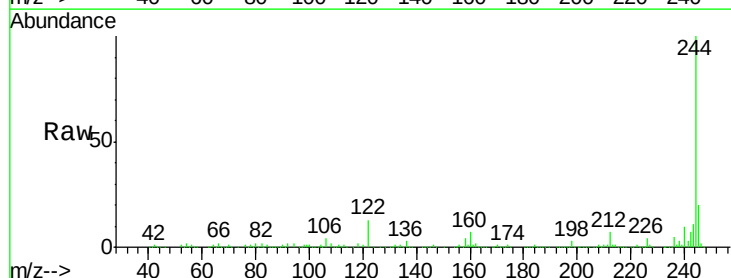
Instrument :
BNA_F
ClientSampleId :
043018-SIDI-F-D-B

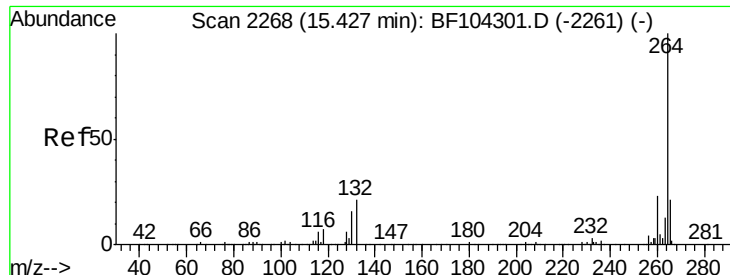
Tgt Ion:240 Resp: 223245
Ion Ratio Lower Upper
240 100
120 12.9 9.5 14.3
236 27.1 20.7 31.1



#78
Terphenyl-d14
Concen: 93.351 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF105055.D
Acq: 3 May 2018 2:56

Tgt Ion:244 Resp: 914106
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.0
122 13.0 11.0 16.4

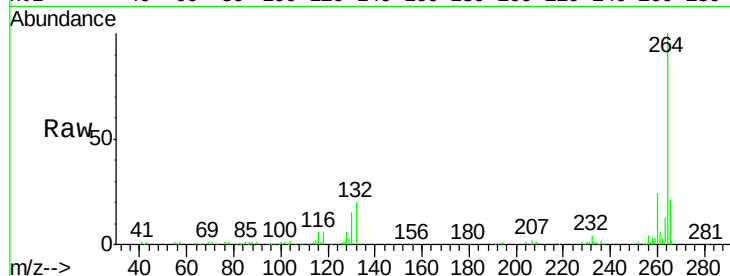




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.05 min
Lab File: BF105055.D
Acq: 3 May 2018 2:56

Instrument :
BNA_F
ClientSampleId :
043018-SIDI-F-D-B

Tgt Ion: 264 Resp: 176440
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 21.1 17.5 26.3



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

