

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
 Data File : BF105009.D
 Acq On : 2 May 2018 4:13
 Operator : JU/SJ
 Sample : J2645-02
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 042718-SIDI-E-D-M

Quant Time: May 02 07:00:15 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 01 16:13:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	117760	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	502539	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	231026	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	382605	20.00	ng	0.00
75) Chrysene-d12	14.00	240	259427	20.00	ng	0.03
86) Perylene-d12	15.53	264	228369	20.00	ng	0.10

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.40	112	265865	34.52	ng	0.00
7) Phenol-d6	6.42	99	202385	21.39	ng	-0.01
23) Nitrobenzene-d5	7.36	82	632013	82.12	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	170800	71.27	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1133592	77.51	ng	0.00
78) Terphenyl-d14	12.91	244	933282	82.02	ng	0.00

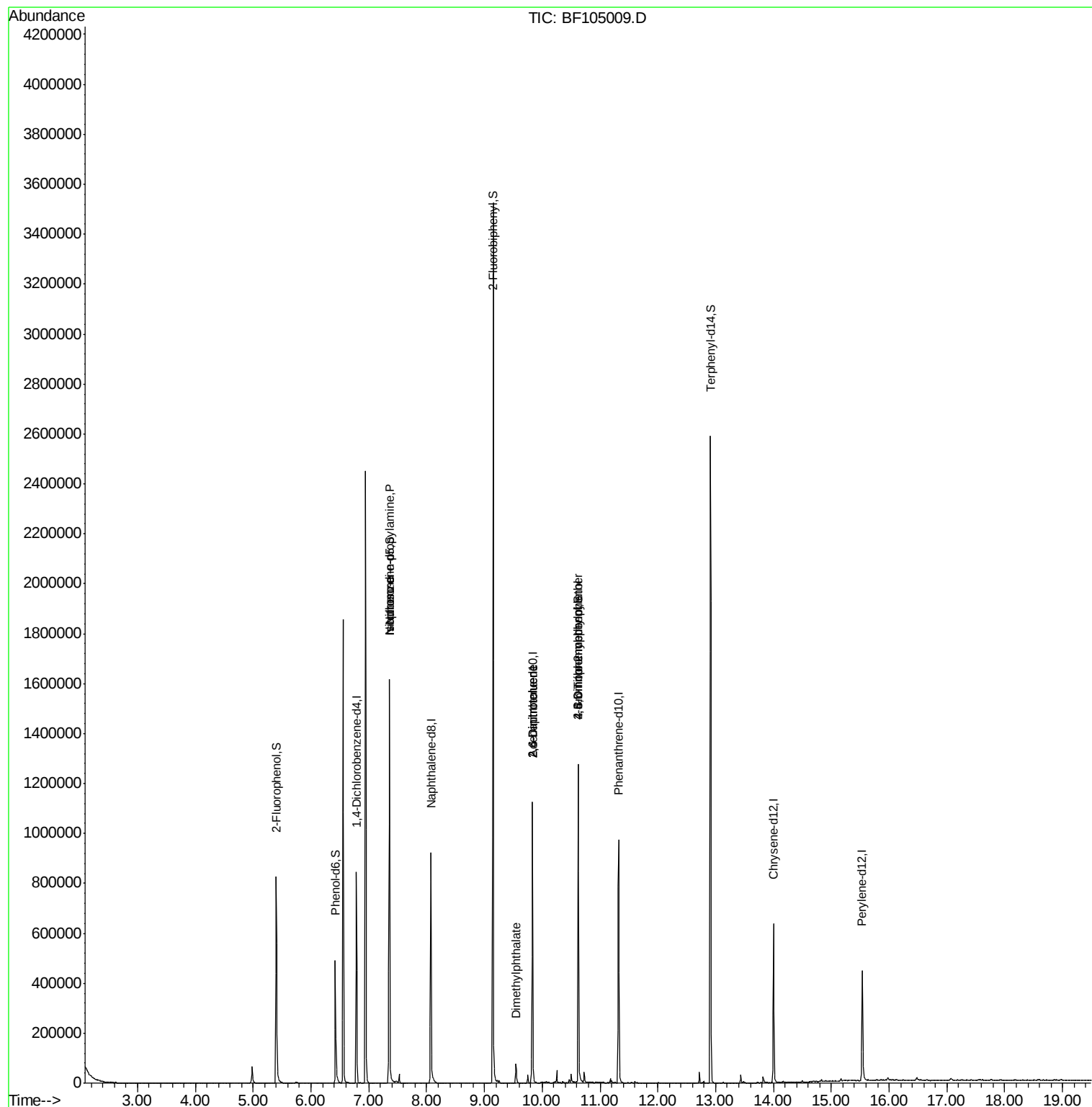
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.36	70	81334	13.154	ng	# 73
25) Isophorone	7.36	82	632064	38.838	ng	# 64
49) Dimethylphthalate	9.55	163	38151	2.094	ng	# 99
50) 2,6-Dinitrotoluene	9.83	165	29275	8.684	ng	# 25
56) 2,4-Dinitrotoluene	9.83	165	29275	6.620	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.62	198	185	7.431	ng	# 1
66) 4-Bromophenyl-phenylether	10.62	248	10558	2.594	ng	# 1
76) Benzidine	12.91	184	12682	Below Cal		# 95

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
Data File : BF105009.D
Acq On : 2 May 2018 4:13
Operator : JU/SJ
Sample : J2645-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
042718-SIDI-E-D-M

Quant Time: May 02 07:00:15 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 01 16:13:08 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 799

Delta R.T. 0.00 min

Lab File: BF105009.D

Acq: 2 May 2018 4:13

Instrument :

BNA_F

ClientSampleId :

042718-SIDI-E-D-M

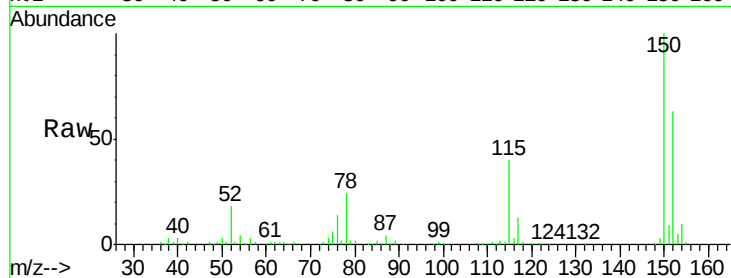
Tgt Ion:152 Resp: 117760

Ion Ratio Lower Upper

152 100

150 158.5 124.6 186.8

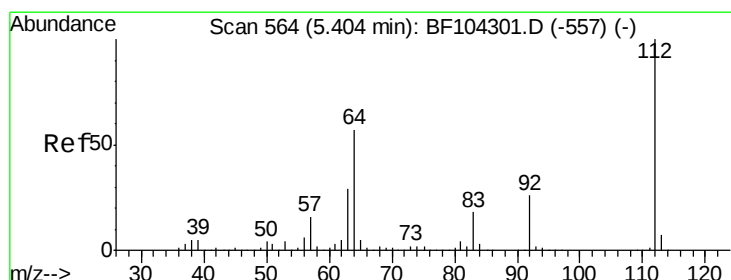
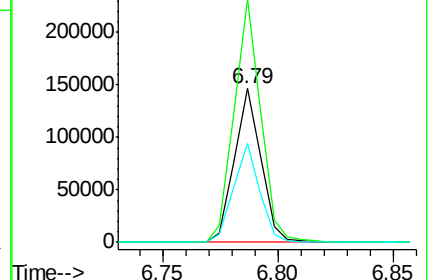
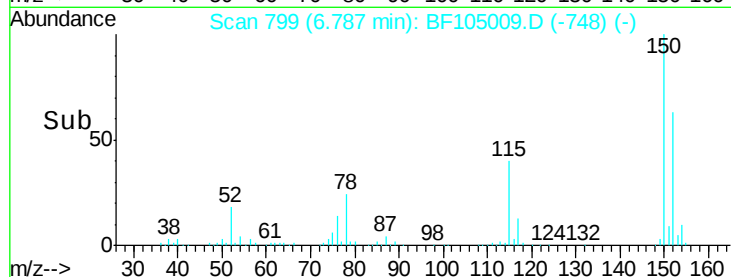
115 64.1 50.1 75.1



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: 34.521 ng

RT: 5.40 min Scan# 563

Delta R.T. -0.01 min

Lab File: BF105009.D

Acq: 2 May 2018 4:13

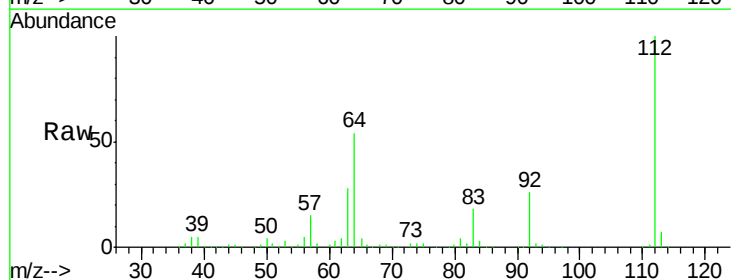
Tgt Ion:112 Resp: 265865

Ion Ratio Lower Upper

112 100

64 53.9 47.9 71.9

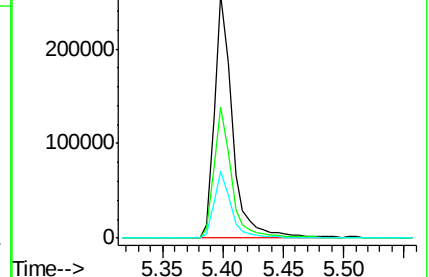
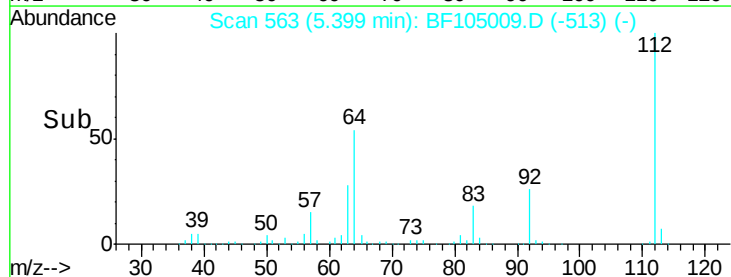
63 27.6 23.7 35.5

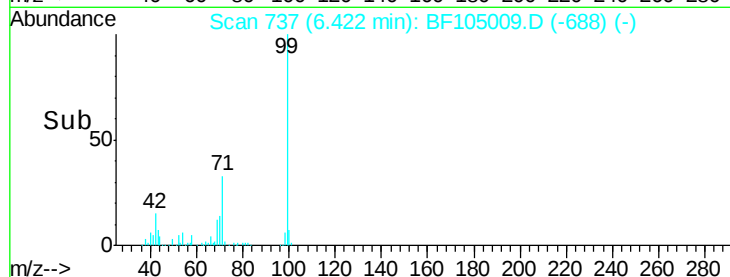
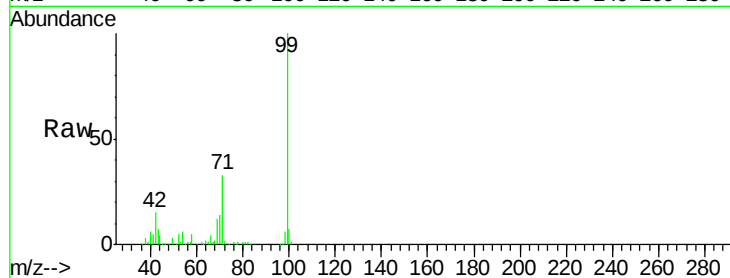
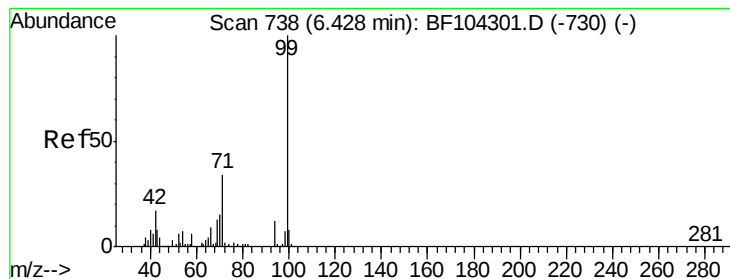


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 21.388 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF105009.D

Acq: 2 May 2018 4:13

Instrument :

BNA_F

ClientSampleId :

042718-SIDI-E-D-M

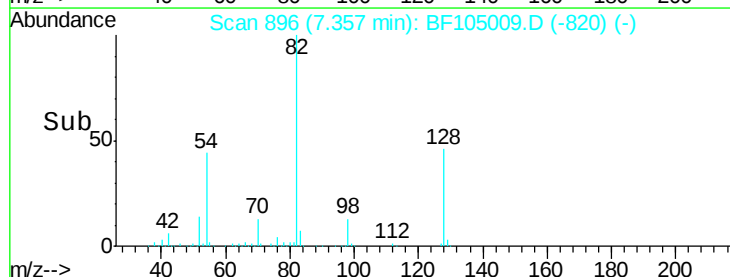
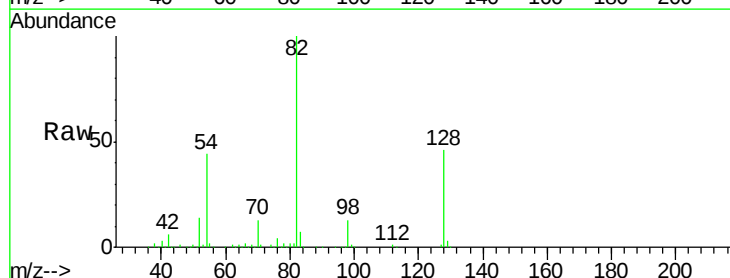
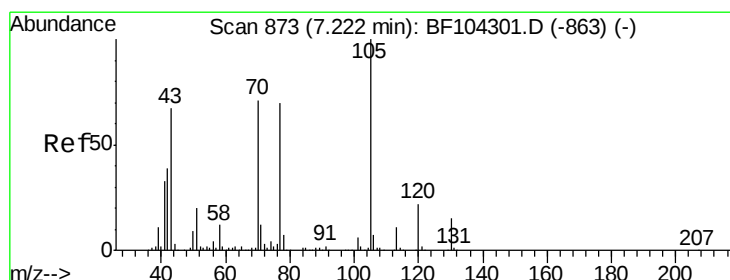
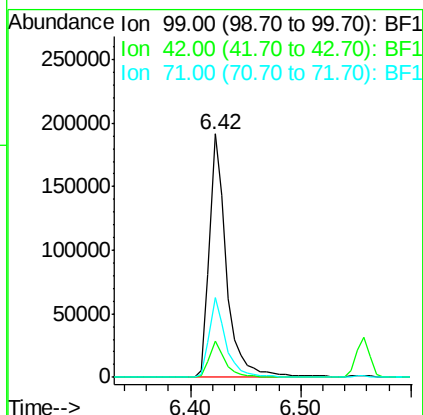
Tgt Ion: 99 Resp: 202385

Ion Ratio Lower Upper

99 100

42 15.2 14.5 21.7

71 32.5 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 13.154 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.15 min

Lab File: BF105009.D

Acq: 2 May 2018 4:13

Tgt Ion: 70 Resp: 81334

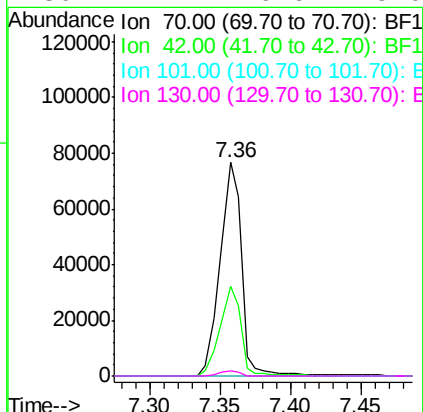
Ion Ratio Lower Upper

70 100

42 42.2 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

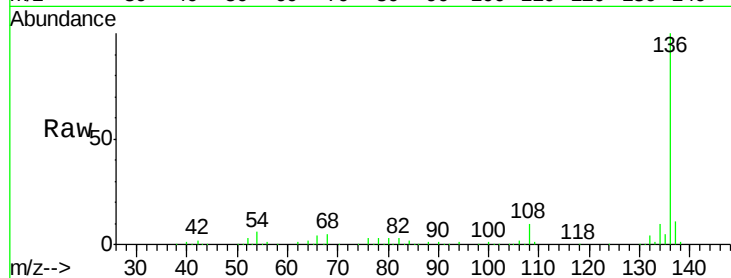




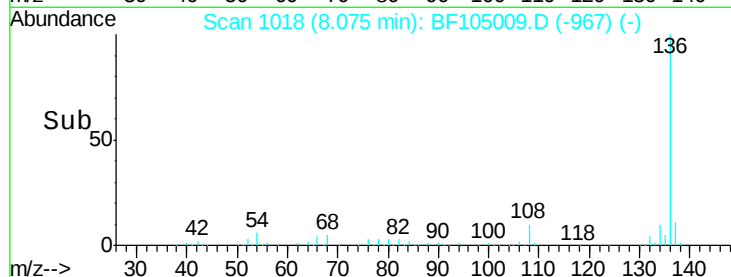
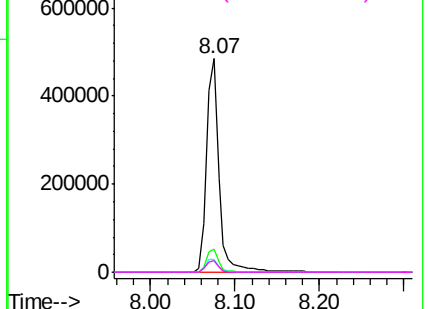
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF105009.D
Acq: 2 May 2018 4:13

Instrument :
BNA_F
ClientSampleId :
042718-SIDI-E-D-M

Tgt Ion:	136	Resp:	502539
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	5.8	6.6	9.8#
68	5.2	5.0	7.4

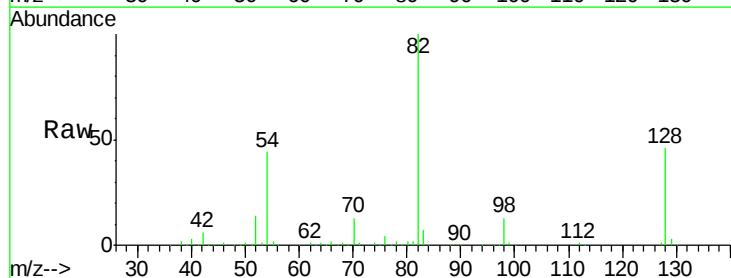


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

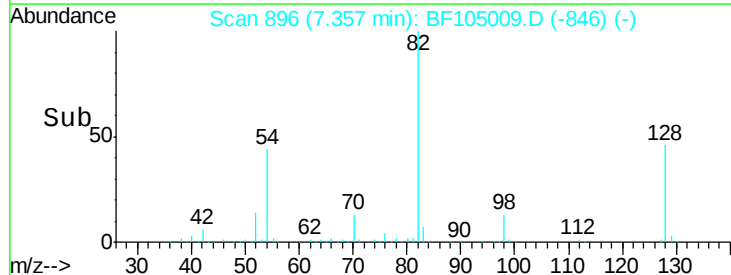
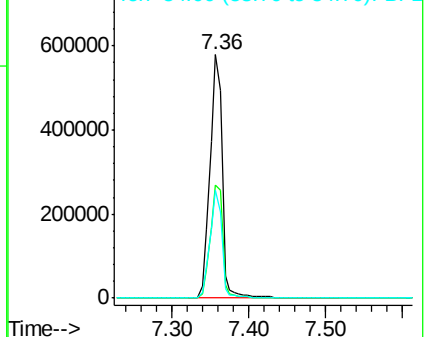


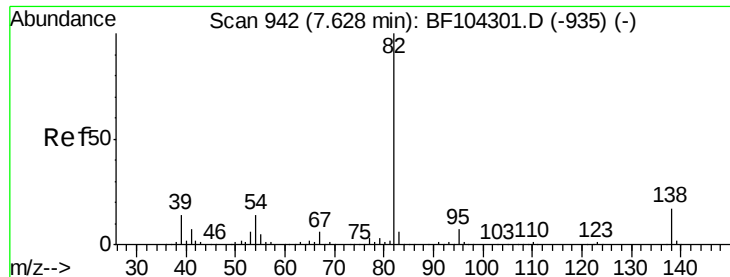
#23
Nitrobenzene-d5
Concen: 82.121 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF105009.D
Acq: 2 May 2018 4:13

Tgt Ion:	82	Resp:	632013
Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.1	54.1
54	44.1	41.4	62.2



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





#25

Isophorone

Concen: 38.838 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.26 min

Lab File: BF105009.D

Acq: 2 May 2018 4:13

Instrument :

BNA_F

ClientSampleId :

042718-SIDI-E-D-M

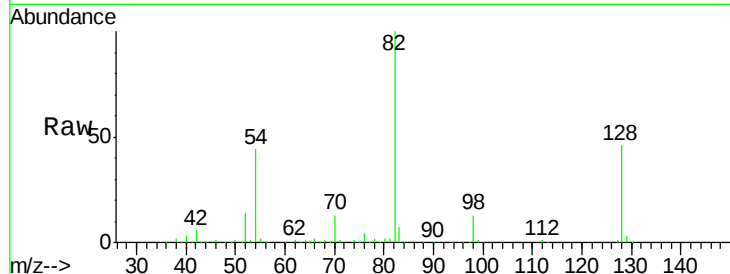
Tgt Ion: 82 Resp: 632064

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

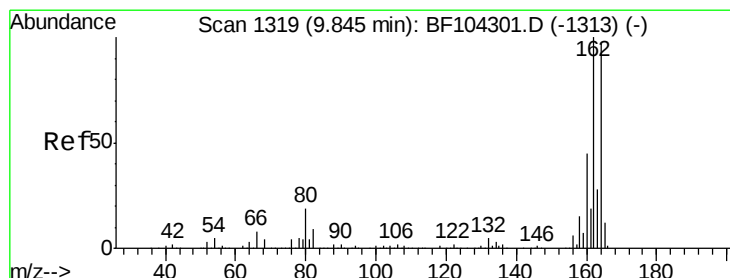
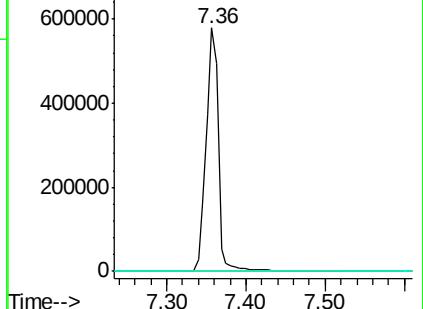
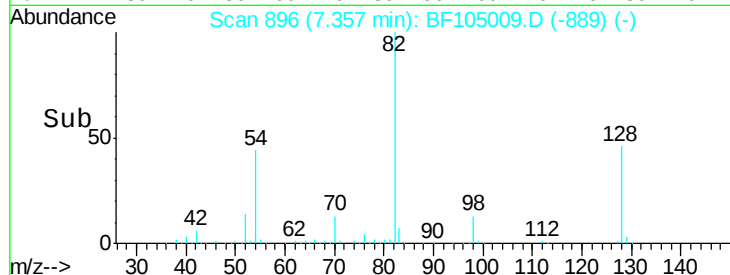
138 0.0 14.9 22.3#



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: BF105009.D

Acq: 2 May 2018 4:13

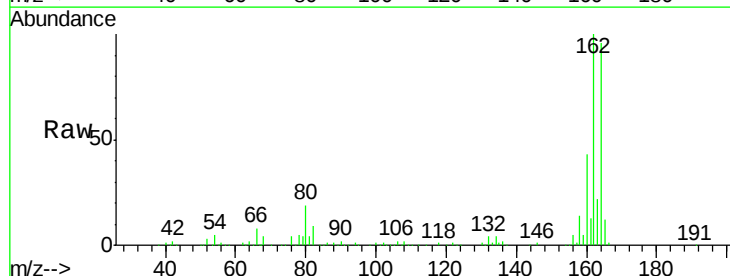
Tgt Ion: 164 Resp: 231026

Ion Ratio Lower Upper

164 100

162 104.0 86.1 129.1

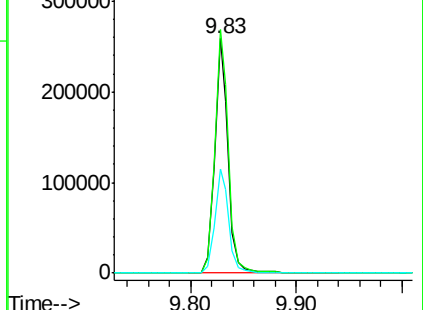
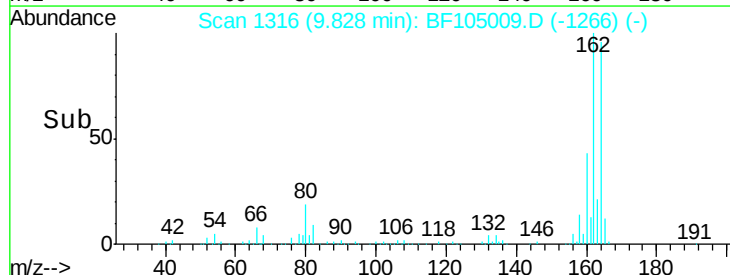
160 44.4 38.3 57.5



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

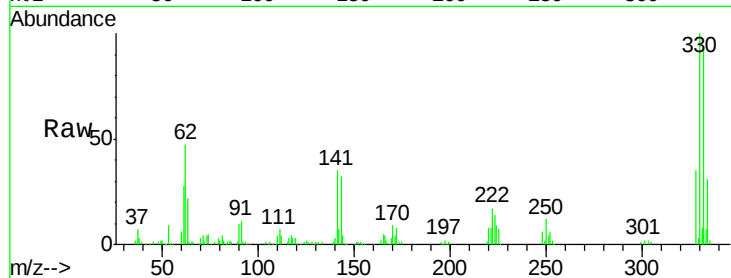




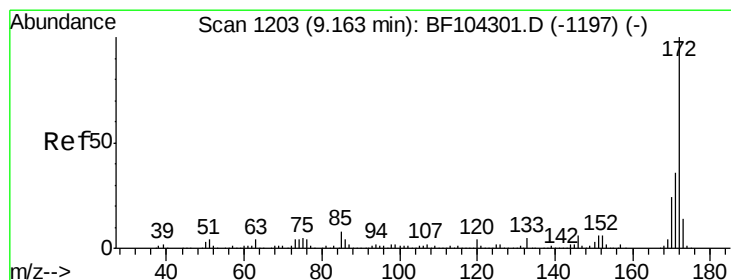
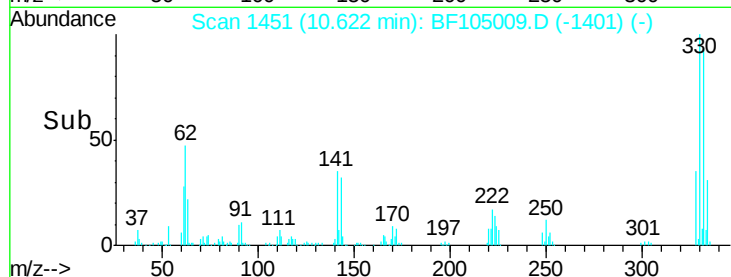
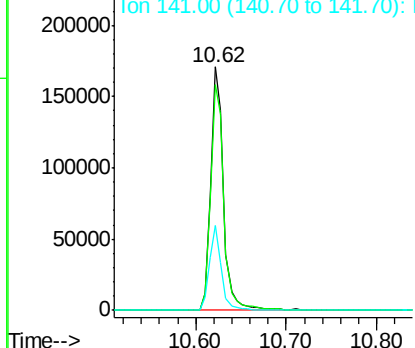
#41
 2,4,6-Tribromophenol
 Concen: 71.271 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF105009.D
 Acq: 2 May 2018 4:13

Instrument :
 BNA_F
 ClientSampleId :
 042718-SIDI-E-D-M

Tgt Ion:330 Resp: 170800
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 32.7 29.9 44.9

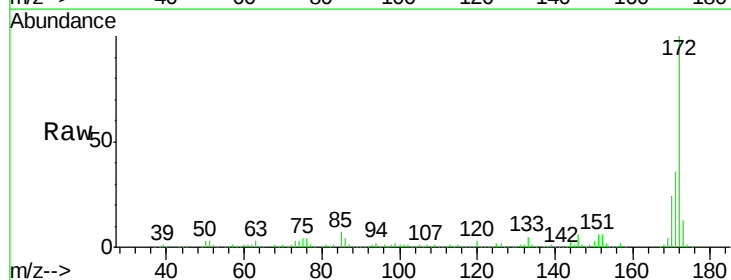


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

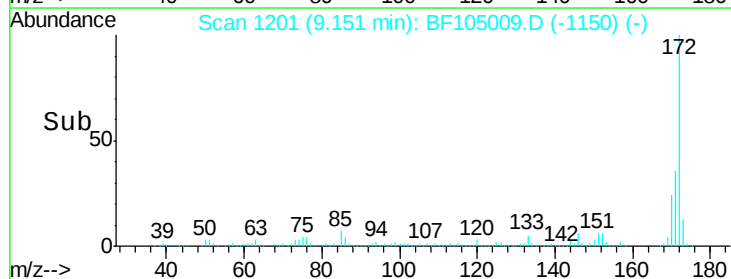
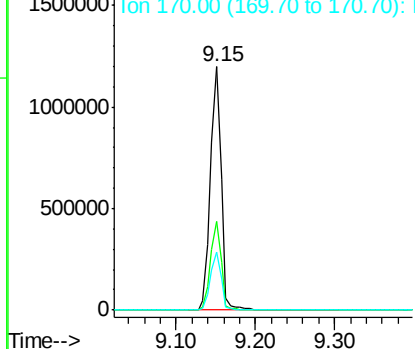


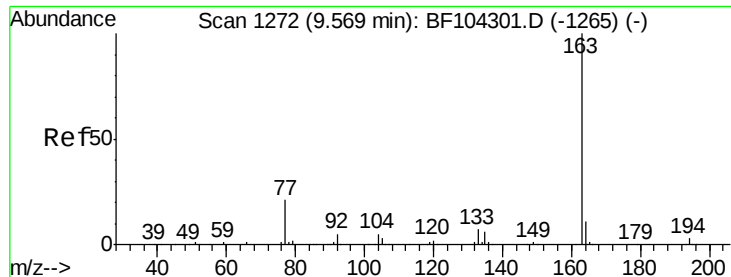
#44
 2-Fluorobiphenyl
 Concen: 77.515 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF105009.D
 Acq: 2 May 2018 4:13

Tgt Ion:172 Resp: 1133592
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 24.0 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

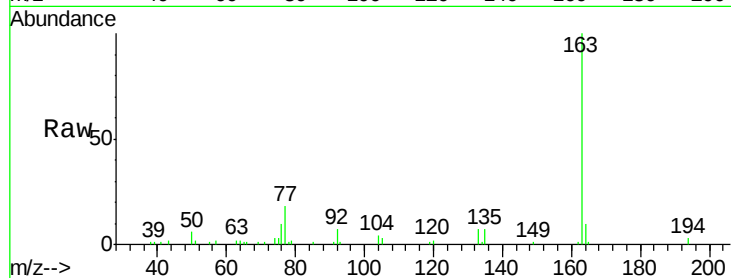




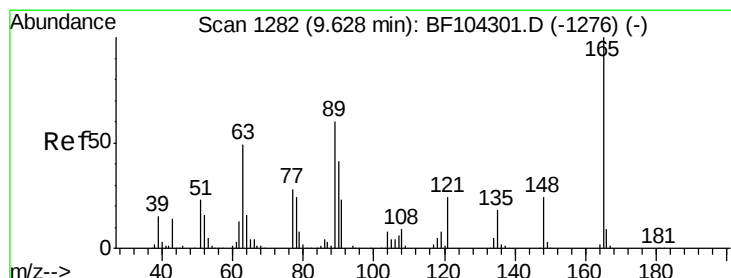
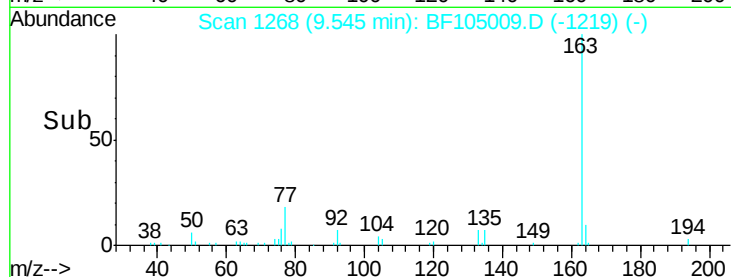
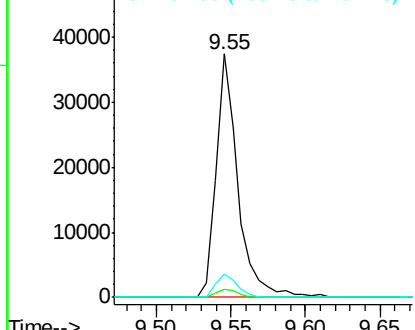
#49
Dimethylphthalate
Concen: 2.094 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF105009.D
Acq: 2 May 2018 4:13

Instrument :
BNA_F
ClientSampleId :
042718-SIDI-E-D-M

Tgt Ion:163 Resp: 38151
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 9.9 8.2 12.2

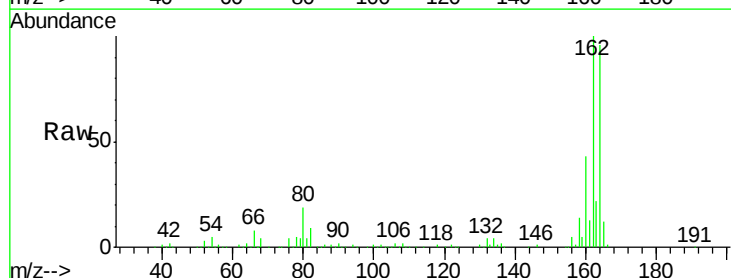


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

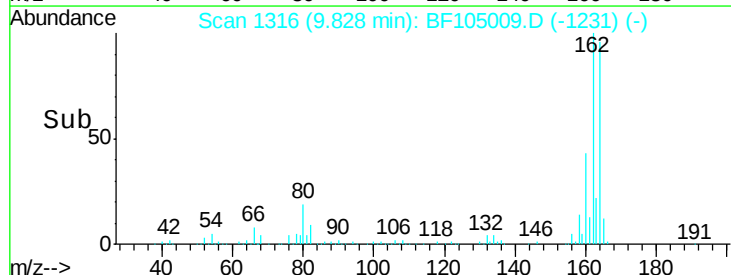
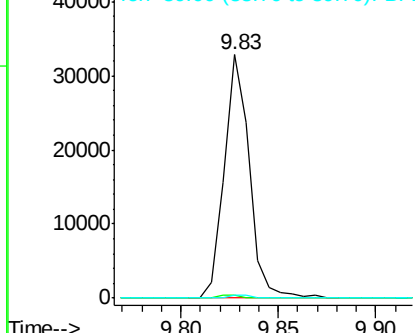


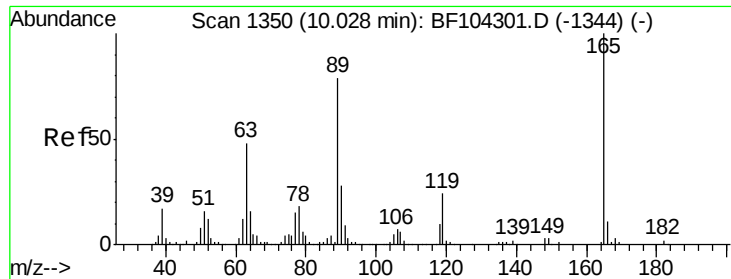
#50
2,6-Dinitrotoluene
Concen: 8.684 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.20 min
Lab File: BF105009.D
Acq: 2 May 2018 4:13

Tgt Ion:165 Resp: 29275
Ion Ratio Lower Upper
165 100
63 1.2 44.7 67.1#
89 1.0 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

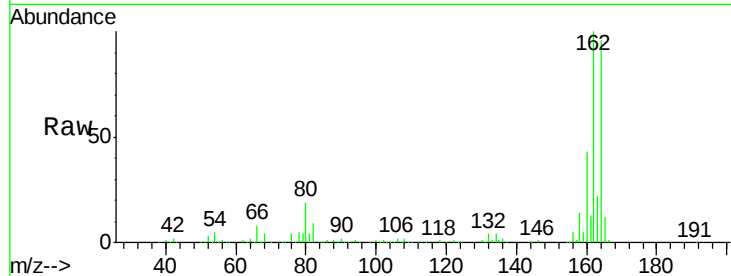




#56
 2,4-Dinitrotoluene
 Concen: 6.620 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.21 min
 Lab File: BF105009.D
 Acq: 2 May 2018 4:13

Instrument :
 BNA_F
 ClientSampleId :
 042718-SIDI-E-D-M

Tgt Ion:	165	Resp:	29275
Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.0	57.8	86.6#
182	0.0	1.6	2.4#

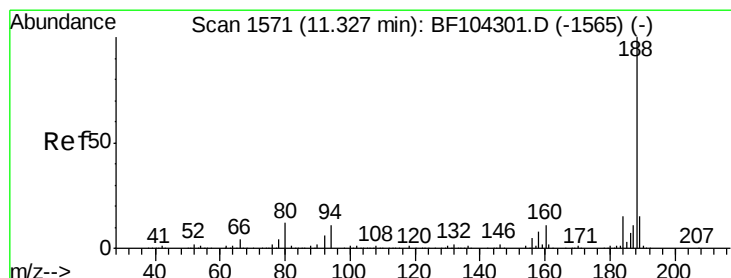
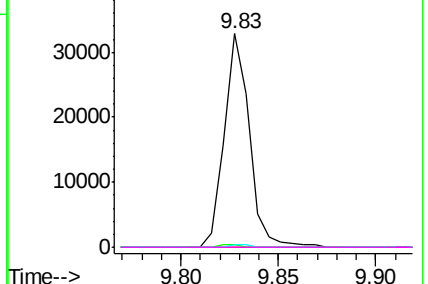
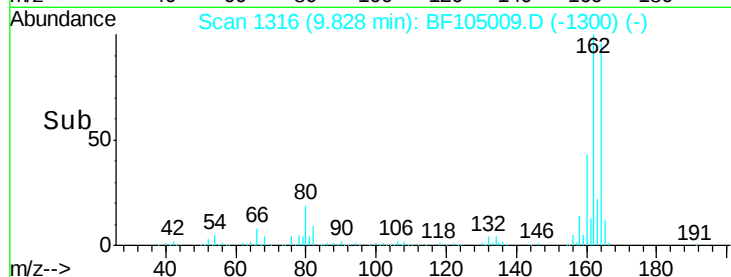


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

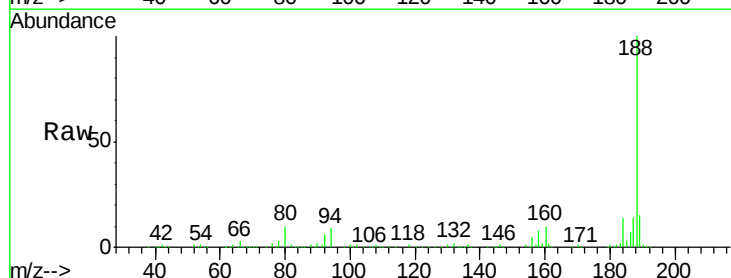
Ion 89.00 (88.70 to 89.70): BF1

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: BF105009.D
 Acq: 2 May 2018 4:13

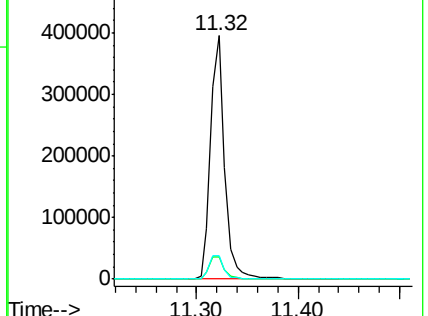
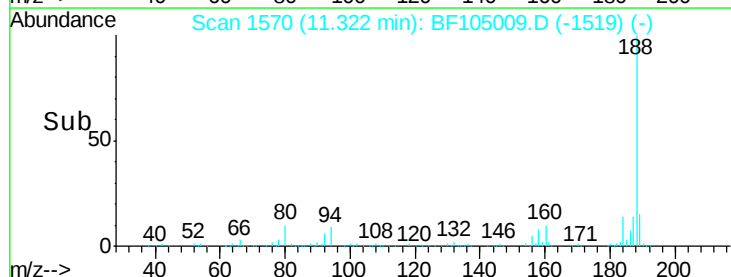
Tgt Ion:	188	Resp:	382605
Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.5	12.7
80	9.5	9.2	13.8

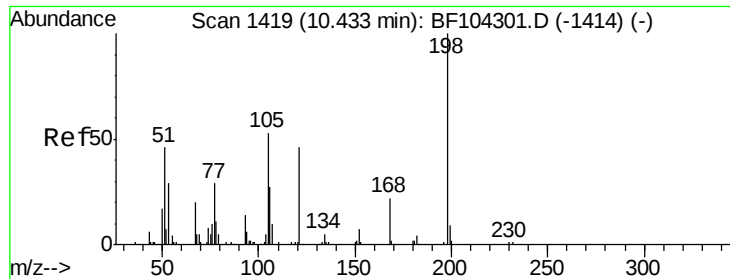


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

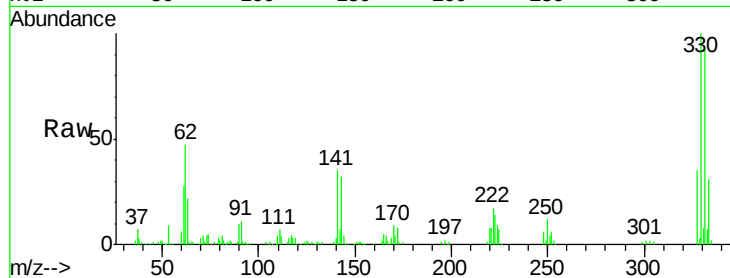




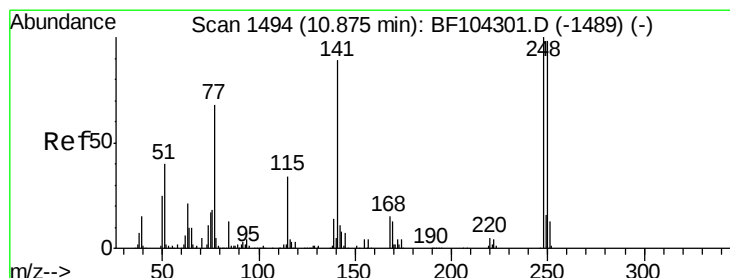
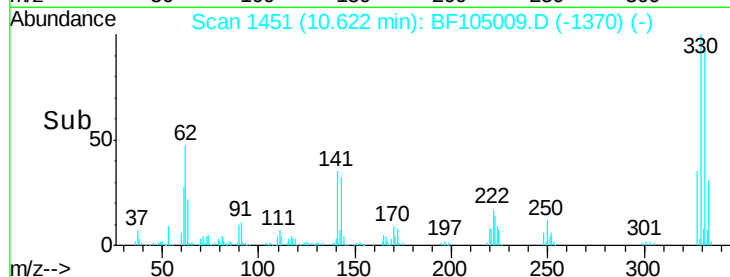
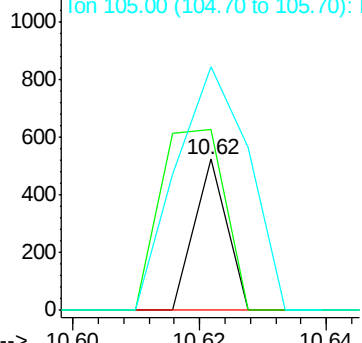
#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.431 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. 0.18 min
 Lab File: BF105009.D
 Acq: 2 May 2018 4:13

Instrument :
 BNA_F
 ClientSampleId :
 042718-SIDI-E-D-M

Tgt Ion:198 Resp: 185
 Ion Ratio Lower Upper
 198 100
 51 119.8 37.7 77.7#
 105 161.0 36.3 76.3#

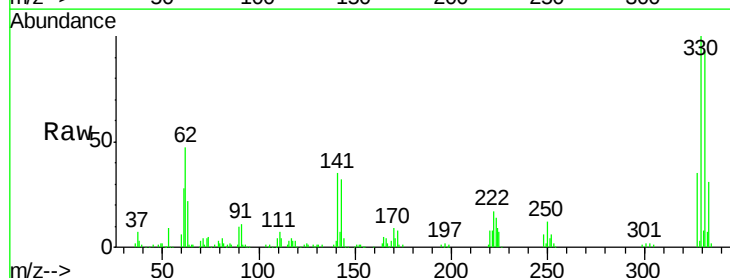


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

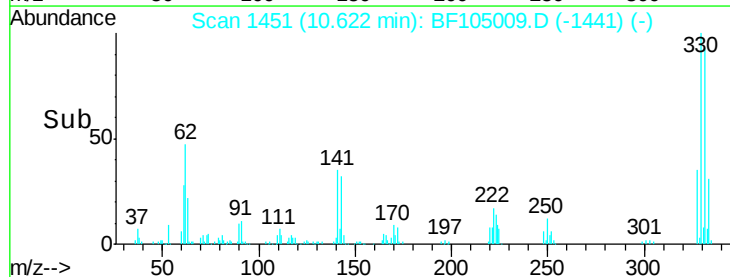
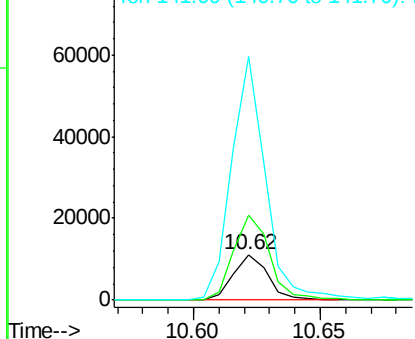


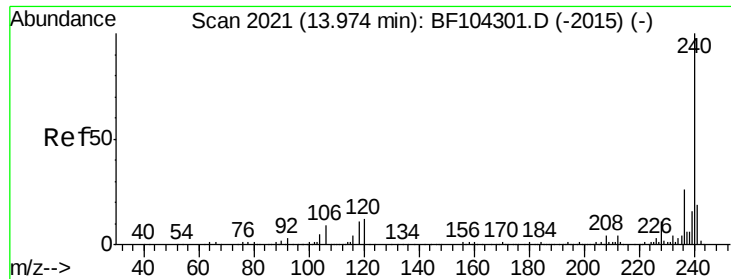
#66
 4-Bromophenyl-phenylether
 Concen: 2.594 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.24 min
 Lab File: BF105009.D
 Acq: 2 May 2018 4:13

Tgt Ion:248 Resp: 10558
 Ion Ratio Lower Upper
 248 100
 250 186.7 76.9 115.3#
 141 537.8 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

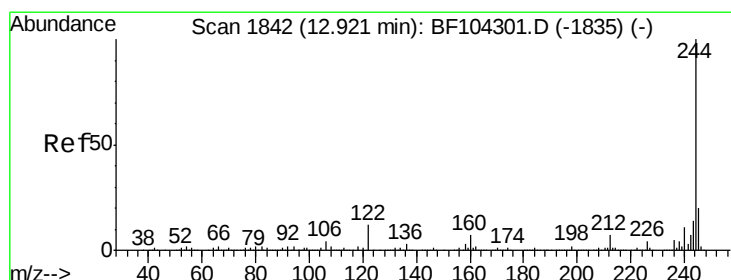
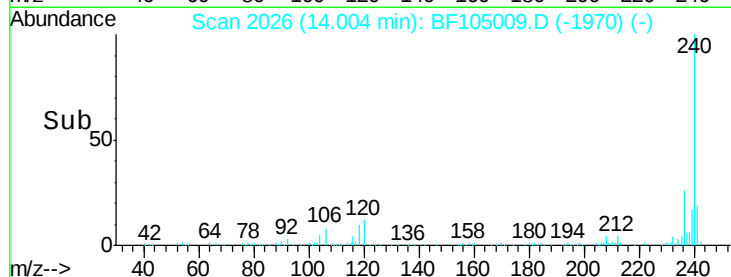
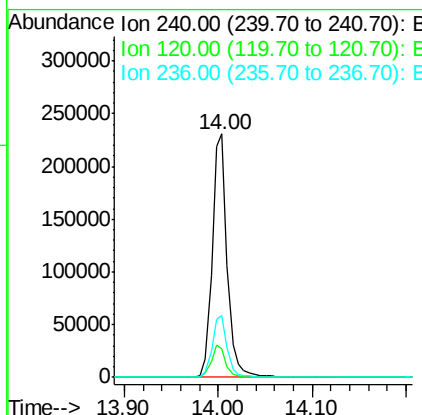
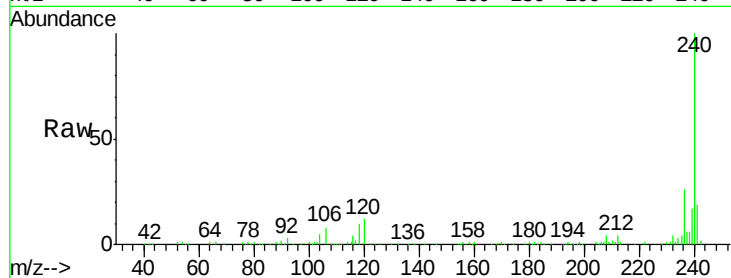




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.03 min
Lab File: BF105009.D
Acq: 2 May 2018 4:13

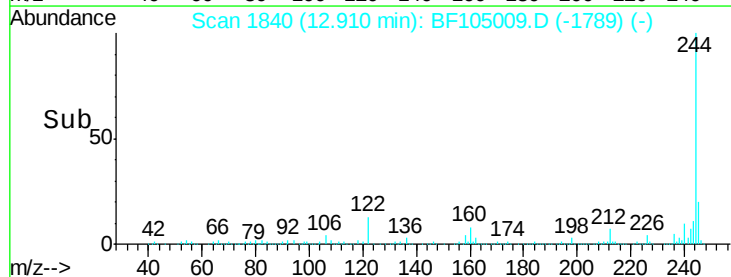
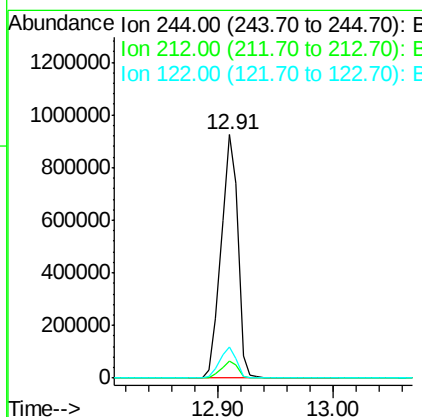
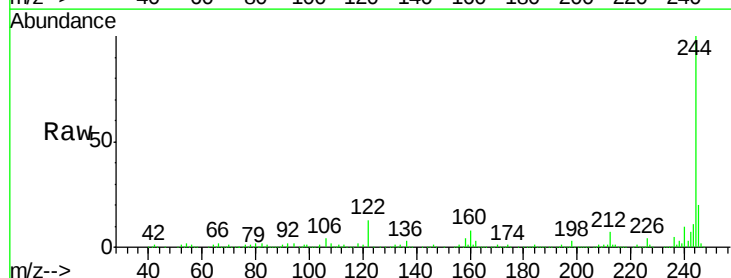
Instrument :
BNA_F
ClientSampleId :
042718-SIDI-E-D-M

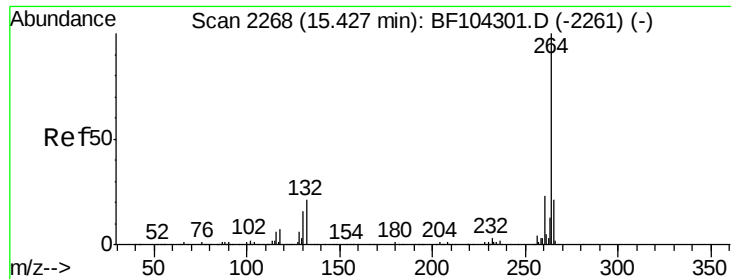
Tgt Ion:240 Resp: 259427
Ion Ratio Lower Upper
240 100
120 11.6 9.5 14.3
236 25.6 20.7 31.1



#78
Terphenyl-d14
Concen: 82.016 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.00 min
Lab File: BF105009.D
Acq: 2 May 2018 4:13

Tgt Ion:244 Resp: 933282
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 12.8 11.0 16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. 0.10 min
Lab File: BF105009.D
Acq: 2 May 2018 4:13

Instrument :
BNA_F
ClientSampleId :
042718-SIDI-E-D-M

Tgt Ion: 264 Resp: 228369
Ion Ratio Lower Upper
264 100
260 23.4 19.2 28.8
265 21.4 17.5 26.3

