

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092718\
 Data File : BF109413.D
 Acq On : 28 Sep 2018 4:24
 Operator : JU/SJ
 Sample : J5076-06
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 092418-SIDI-F-U-S

Quant Time: Sep 28 07:09:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	108529	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	409859	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	178268	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	278992	20.00	ng	0.00
75) Chrysene-d12	13.84	240	247083	20.00	ng	0.00
86) Perylene-d12	15.24	264	185558	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	301723	45.79	ng	0.00
7) Phenol-d6	6.34	99	253278	30.12	ng	-0.02
23) Nitrobenzene-d5	7.27	82	733070	105.58	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	151524	86.22	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1208690	102.26	ng	0.00
78) Terphenyl-d14	12.80	244	989251	98.26	ng	0.00

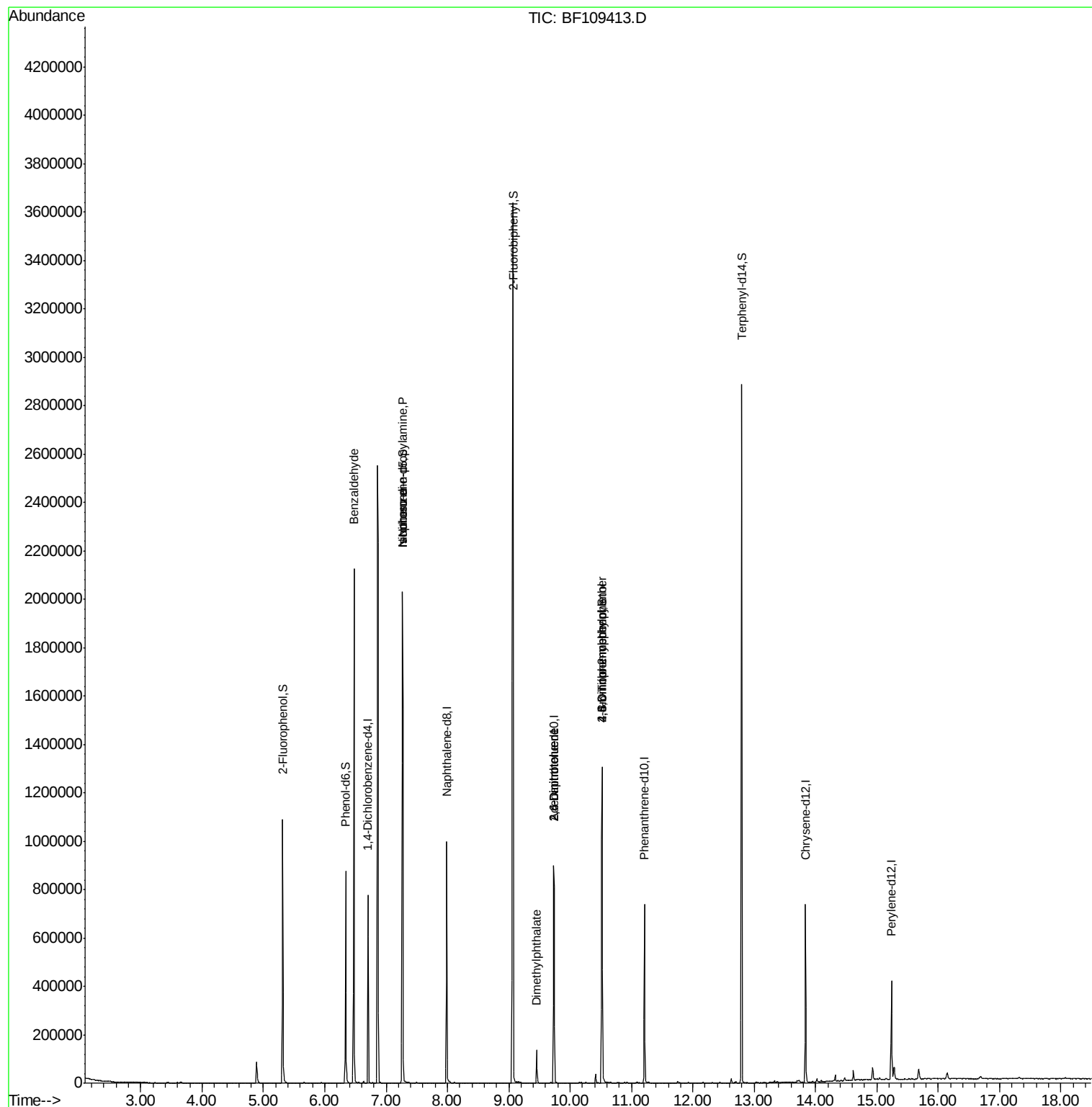
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.47	77	12658	2.343	ng	# 73
19) n-Nitroso-di-n-propylamine	7.27	70	98001	17.788	ng	# 78
25) Isophorone	7.27	82	706788	56.531	ng	# 64
49) Dimethylphthalate	9.46	163	57435	4.430	ng	# 98
50) 2,6-Dinitrotoluene	9.73	165	22575	8.791	ng	# 25
56) 2,4-Dinitrotoluene	9.73	165	22575	6.948	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.52	198	196	6.671	ng	# 11
66) 4-Bromophenyl-phenylether	10.52	248	9443	3.048	ng	# 1

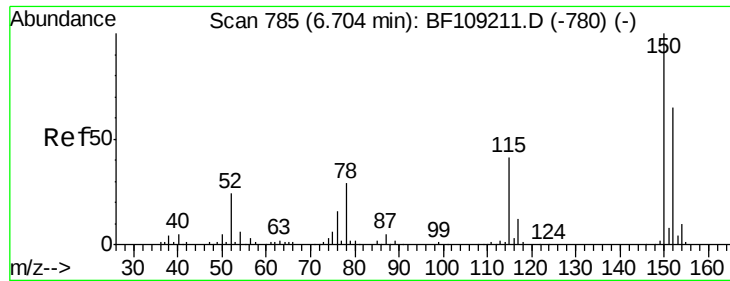
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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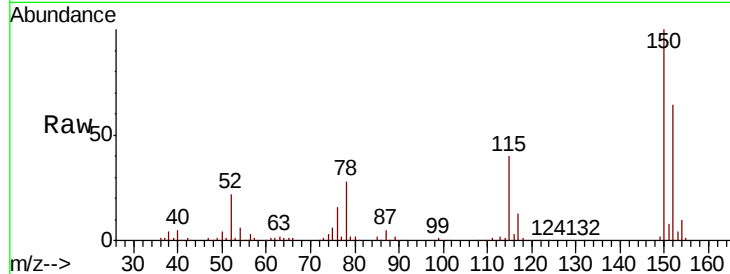


#1

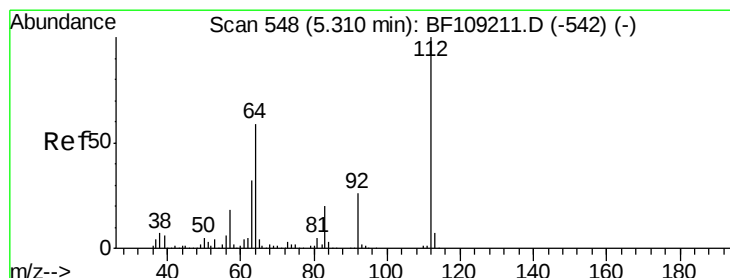
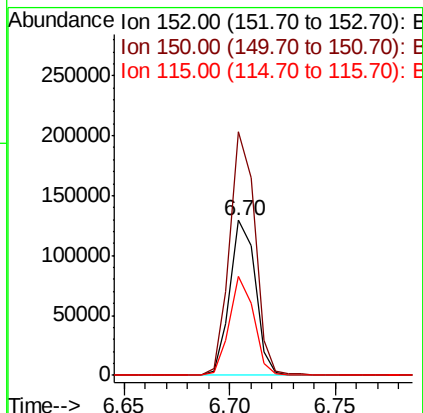
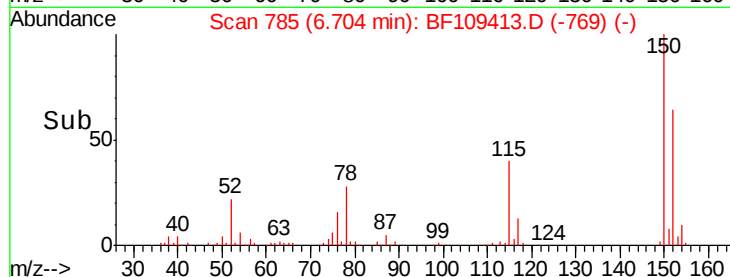
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109413.D
 Acq: 28 Sep 2018 4:24

Instrument :
 BNA_F
 ClientSampleId :
 092418-SIDI-F-U-S

Tgt Ion:152 Resp: 108529
 Ion Ratio Lower Upper
 152 100
 150 157.2 124.6 186.8
 115 63.6 50.1 75.1



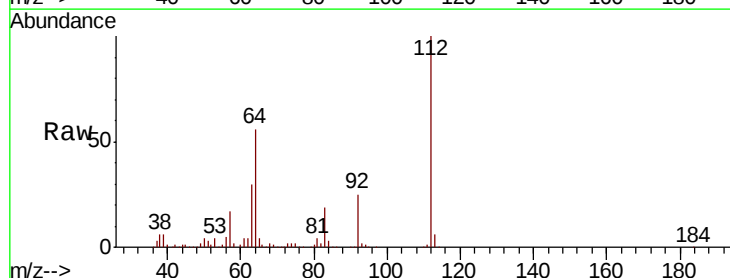
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



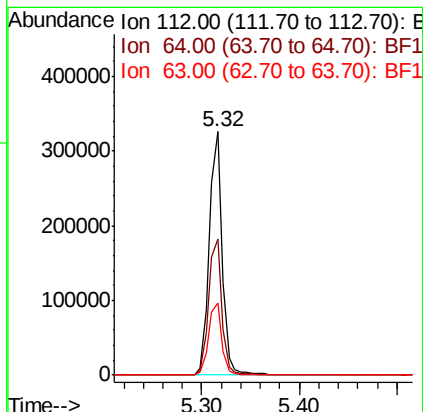
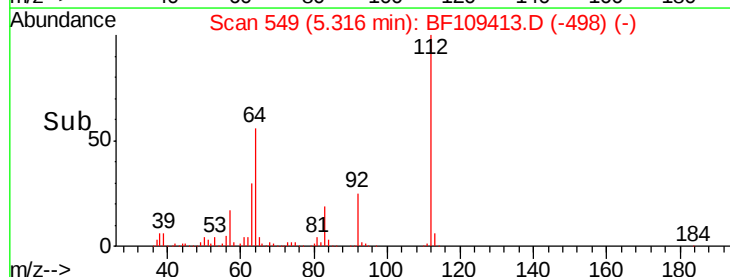
#5

2-Fluorophenol
 Concen: 45.791 ng
 RT: 5.32 min Scan# 549
 Delta R.T. 0.00 min
 Lab File: BF109413.D
 Acq: 28 Sep 2018 4:24

Tgt Ion:112 Resp: 301723
 Ion Ratio Lower Upper
 112 100
 64 55.7 47.9 71.9
 63 29.7 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: 30.123 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109413.D

Acq: 28 Sep 2018 4:24

Instrument :

BNA_F

ClientSampleId :

092418-SIDI-F-U-S

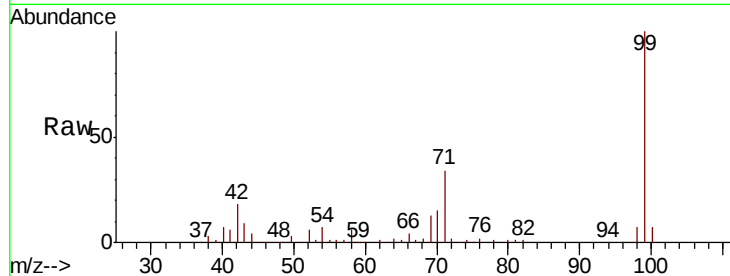
Tgt Ion: 99 Resp: 253278

Ion Ratio Lower Upper

99 100

42 17.6 14.5 21.7

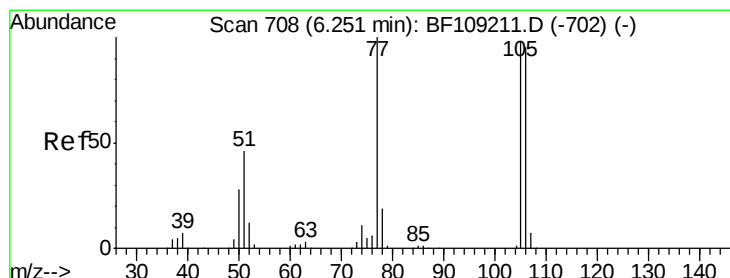
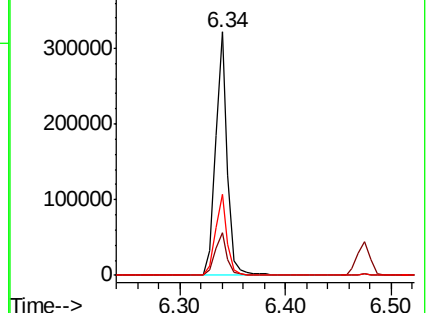
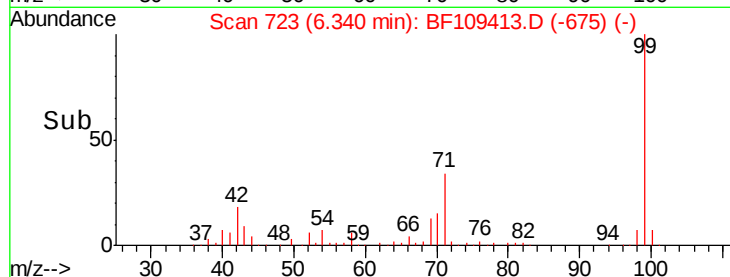
71 33.5 25.4 38.0



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: 2.343 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.22 min

Lab File: BF109413.D

Acq: 28 Sep 2018 4:24

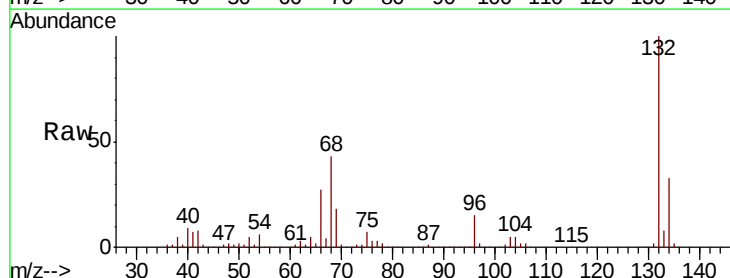
Tgt Ion: 77 Resp: 12658

Ion Ratio Lower Upper

77 100

105 76.4 81.1 121.1#

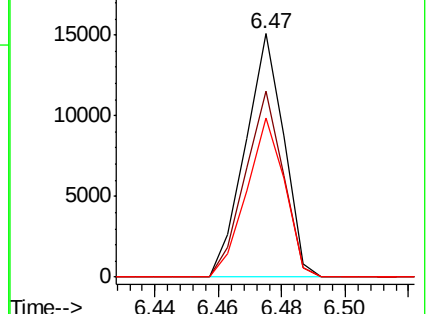
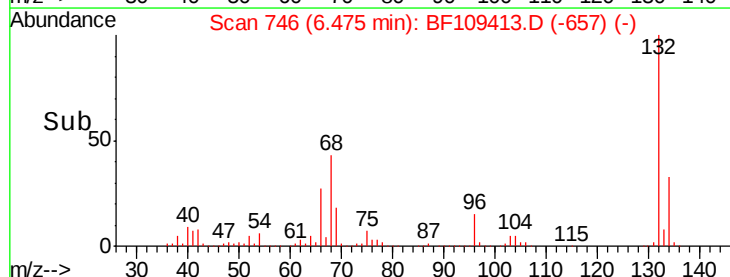
106 65.1 74.5 114.5#



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

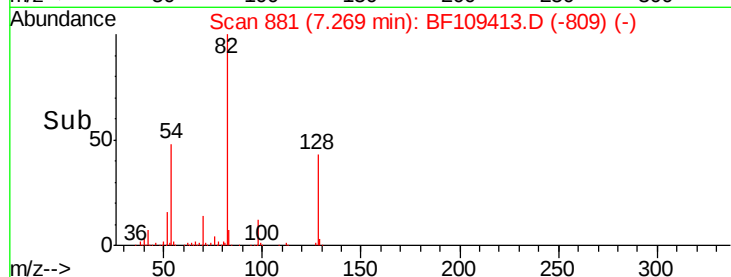
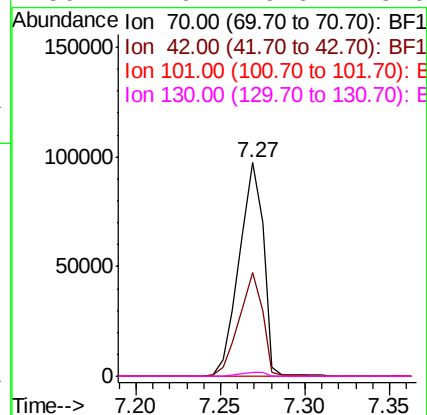
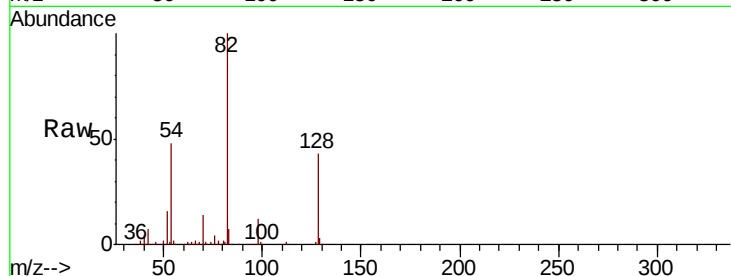




#19
n-Nitroso-di-n-propylamine
Concen: 17.788 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109413.D
Acq: 28 Sep 2018 4:24

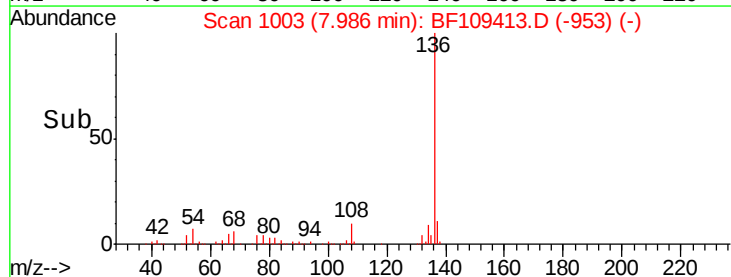
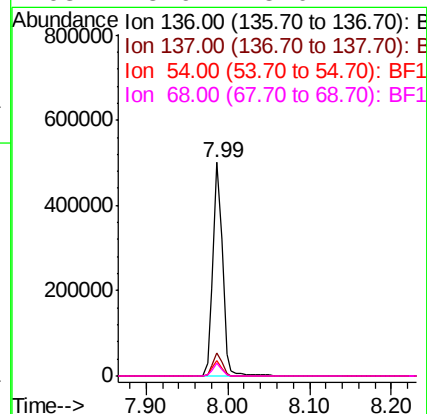
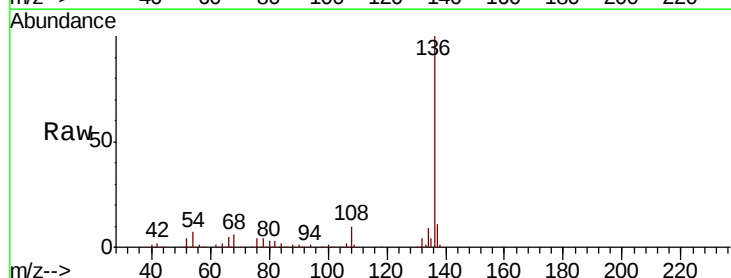
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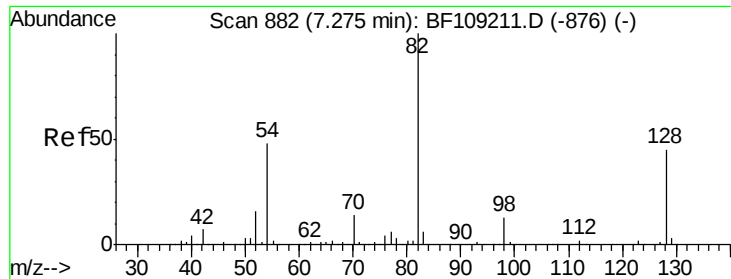
Tgt Ion:	70	Resp:	98001
Ion	Ratio	Lower	Upper
70	100		
42	48.3	47.5	71.3
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109413.D
Acq: 28 Sep 2018 4:24

Tgt Ion:	136	Resp:	409859
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.3	6.6	9.8
68	5.9	5.0	7.4

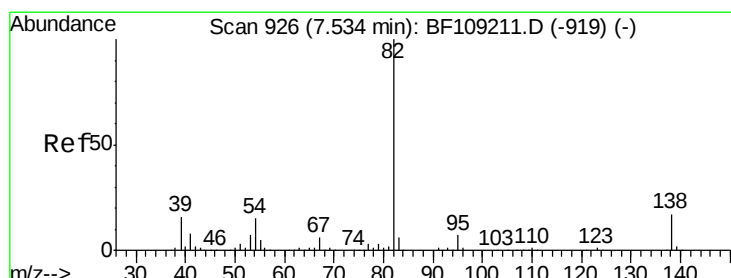
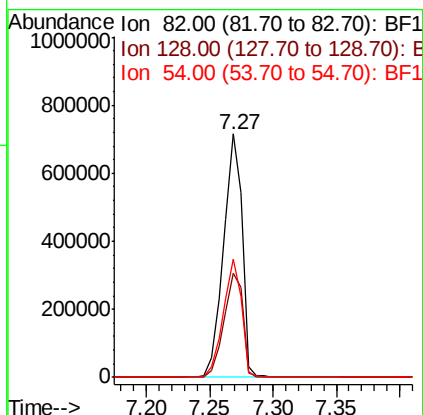
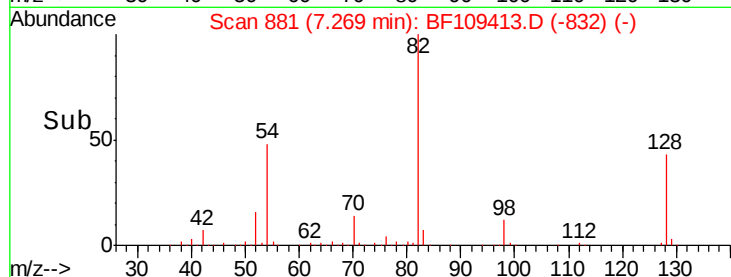
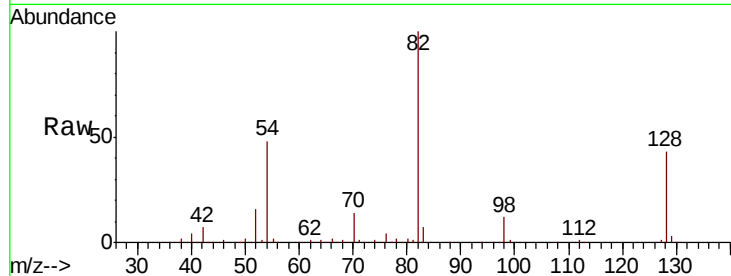




#23
 Nitrobenzene-d5
 Concen: 105.583 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF109413.D
 Acq: 28 Sep 2018 4:24

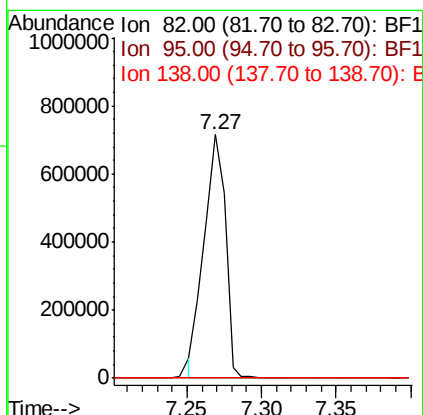
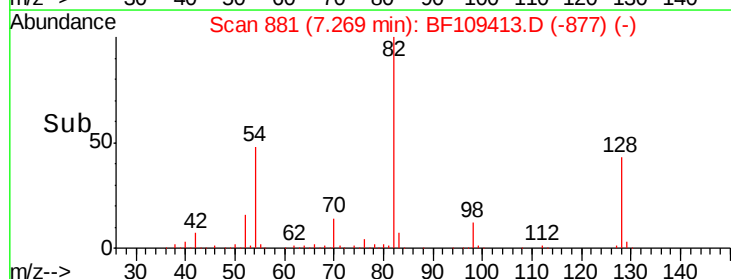
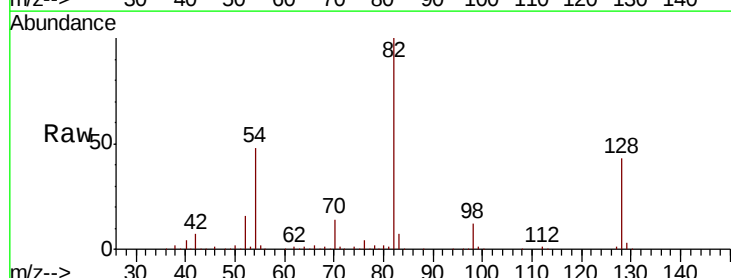
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 ClientSampleId :
 092418-SIDI-F-U-S

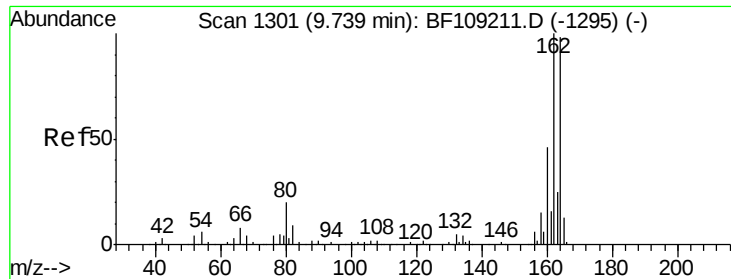
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.7	36.1	54.1
54	48.4	41.4	62.2



#25
 Isophorone
 Concen: 56.531 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.28 min
 Lab File: BF109413.D
 Acq: 28 Sep 2018 4:24

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

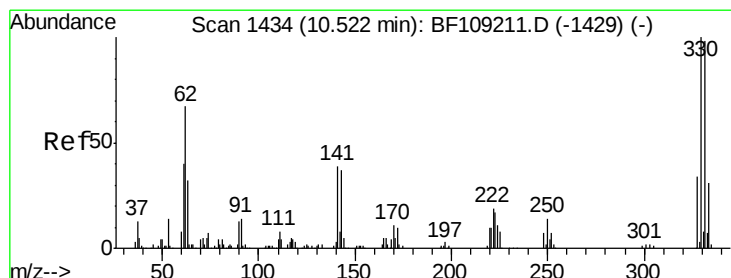
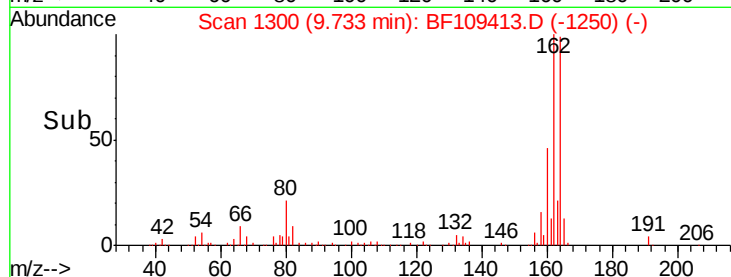
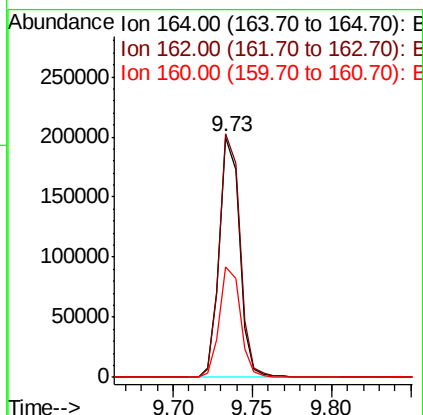
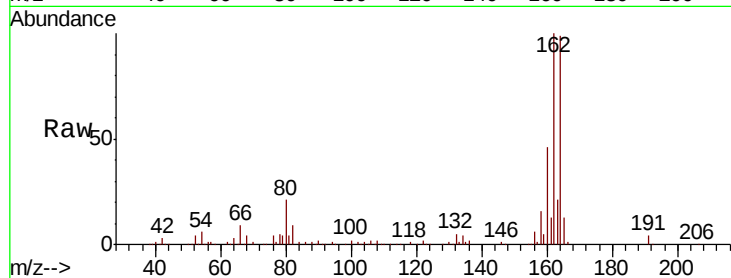




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109413.D
 Acq: 28 Sep 2018 4:24

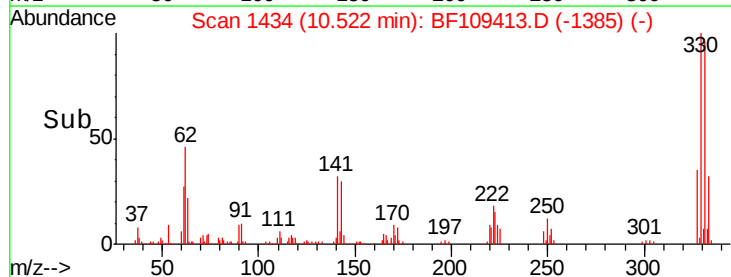
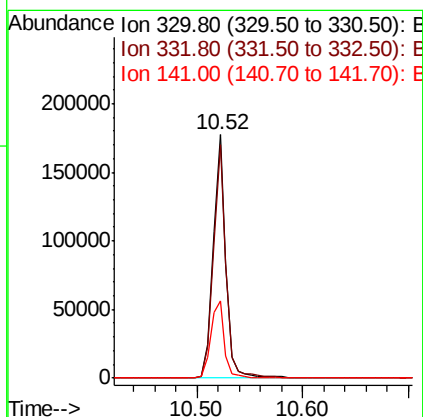
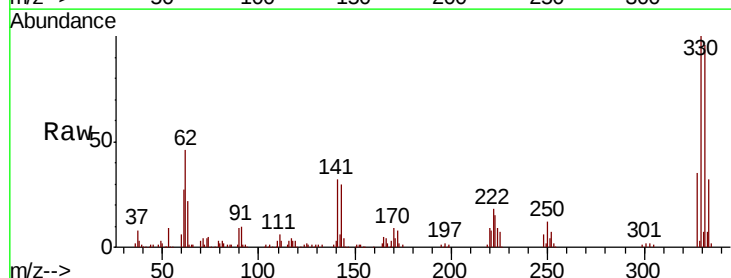
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 ClientSampleId :
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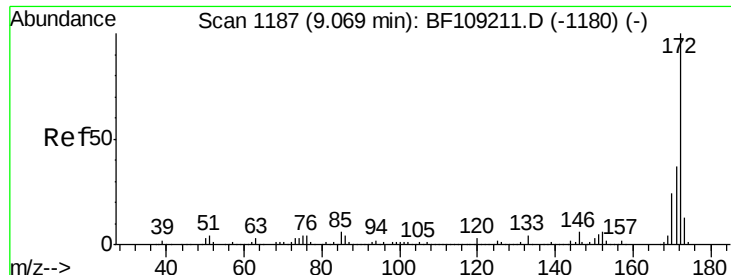
Tgt Ion:164 Resp: 178268
 Ion Ratio Lower Upper
 164 100
 162 101.4 86.1 129.1
 160 46.3 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 86.223 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109413.D
 Acq: 28 Sep 2018 4:24

Tgt Ion:330 Resp: 151524
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 33.9 29.9 44.9

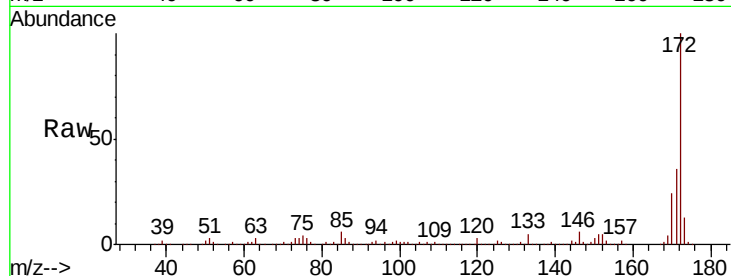




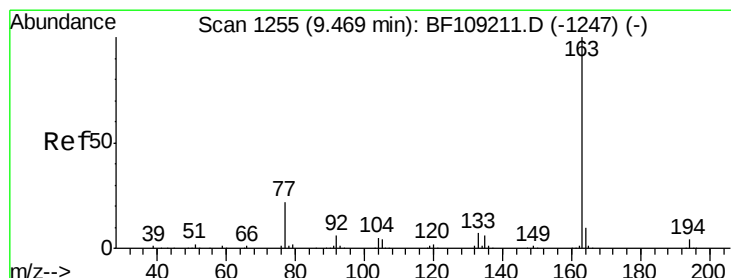
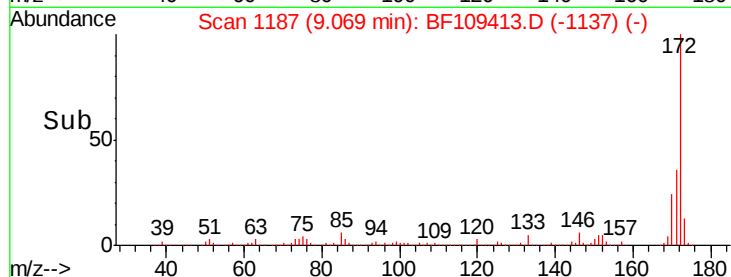
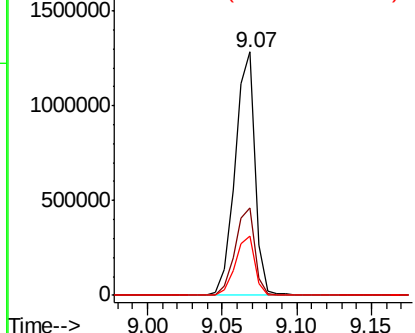
#44
2-Fluorobiphenyl
Concen: 102.258 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF109413.D
Acq: 28 Sep 2018 4:24

Instrument :
BNA_F
ClientSampleId :
092418-SIDI-F-U-S

Tgt Ion:172 Resp: 1208690
Ion Ratio Lower Upper
172 100
171 35.9 29.7 44.5
170 24.2 19.6 29.4

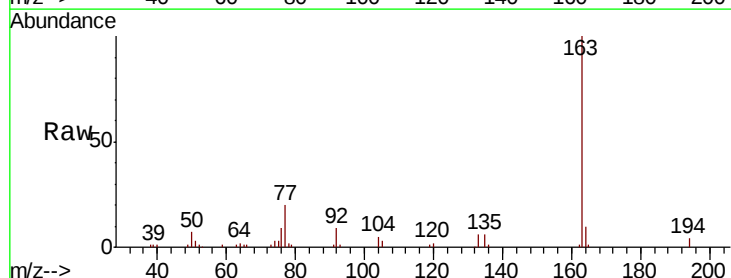


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

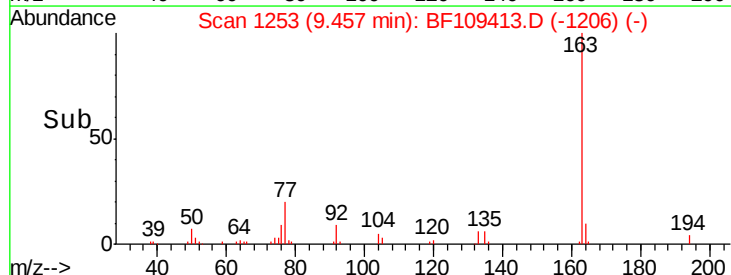
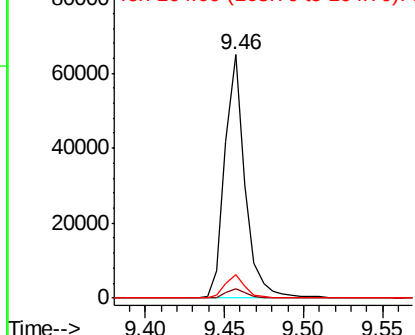


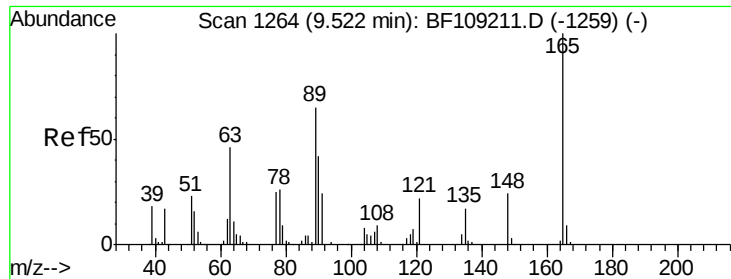
#49
Dimethylphthalate
Concen: 4.430 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109413.D
Acq: 28 Sep 2018 4:24

Tgt Ion:163 Resp: 57435
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 9.7 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

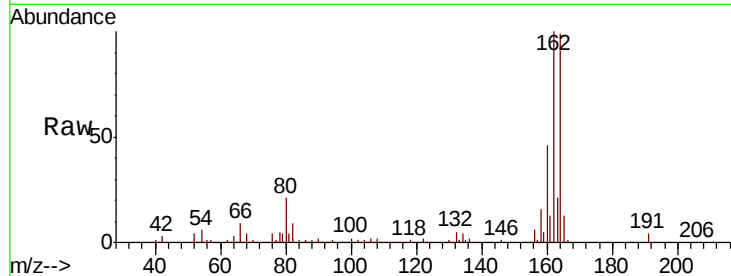




#50
2,6-Dinitrotoluene
Concen: 8.791 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.20 min
Lab File: BF109413.D
Acq: 28 Sep 2018 4:24

Instrument :
BNA_F
ClientSampleId :
092418-SIDI-F-U-S

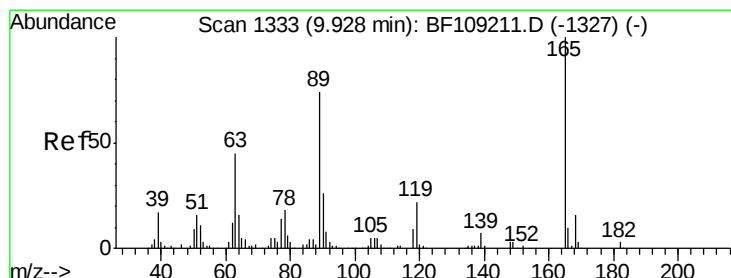
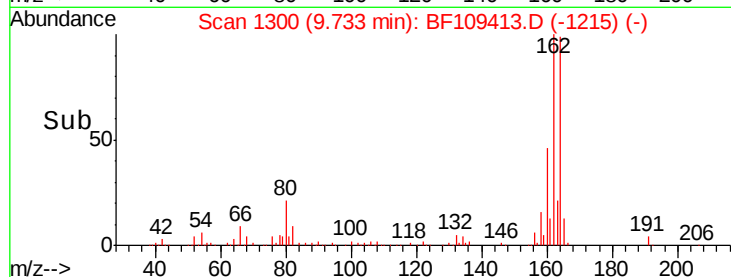
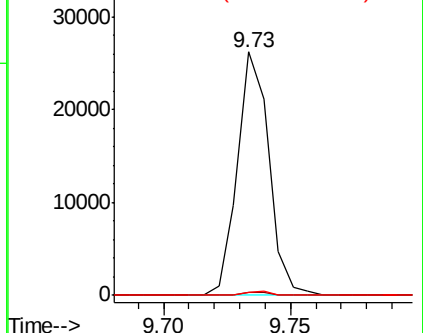
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.4	44.0	66.0#



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: 6.948 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.21 min
Lab File: BF109413.D
Acq: 28 Sep 2018 4:24

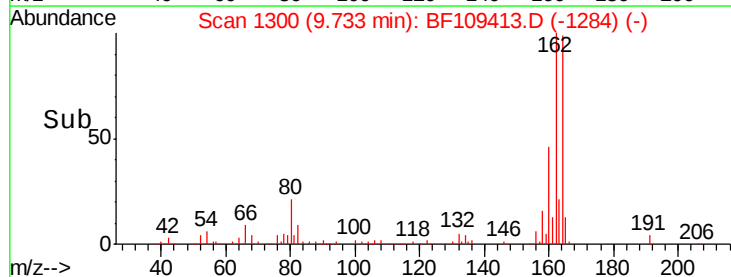
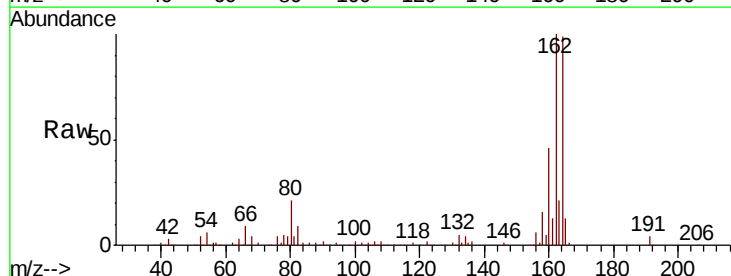
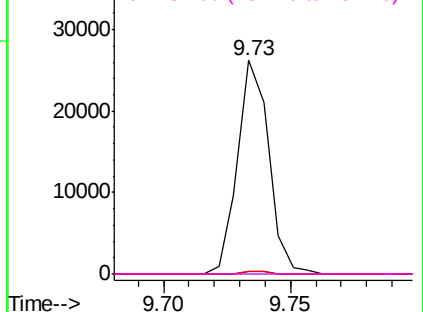
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

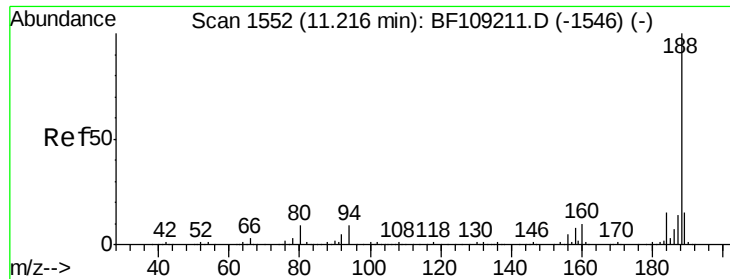
Abundance Ion 165.00 (164.70 to 165.70): E

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

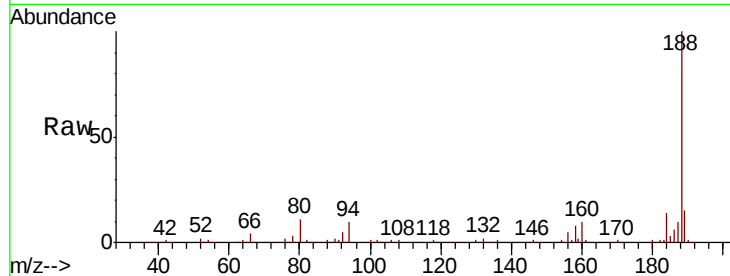




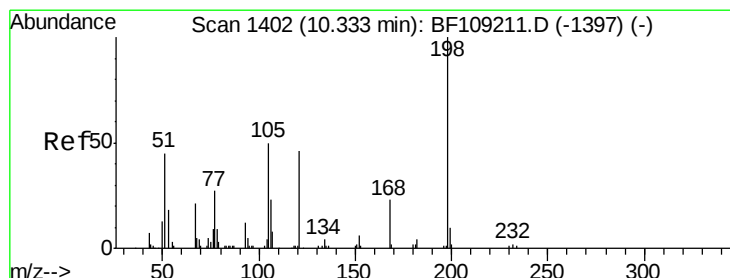
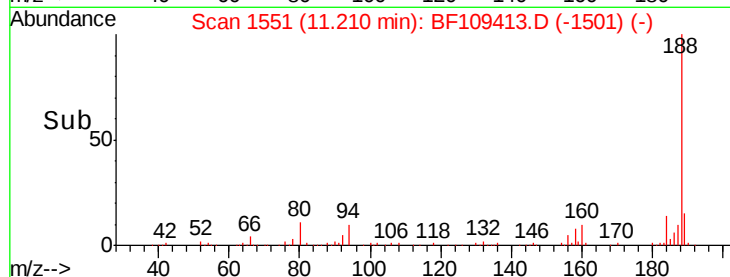
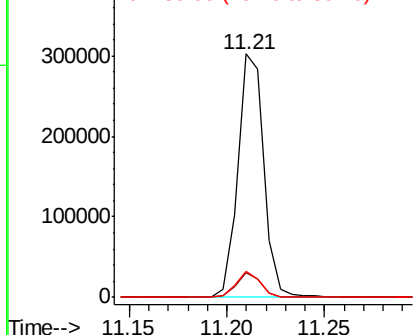
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109413.D
Acq: 28 Sep 2018 4:24

Instrument :
BNA_F
ClientSampleId :
092418-SIDI-F-U-S

Tgt Ion:188 Resp: 278992
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 10.5 9.2 13.8

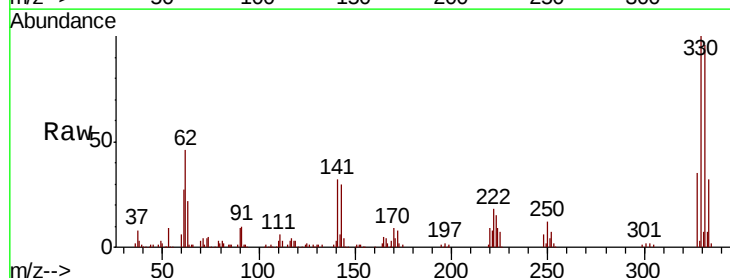


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

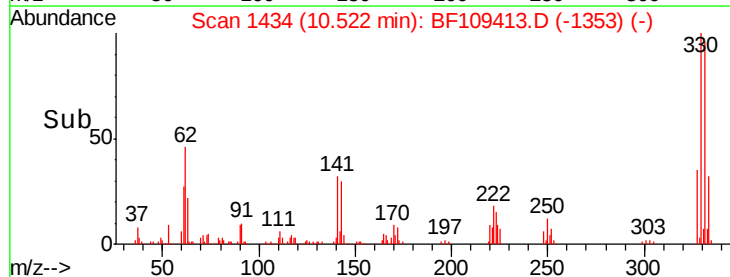
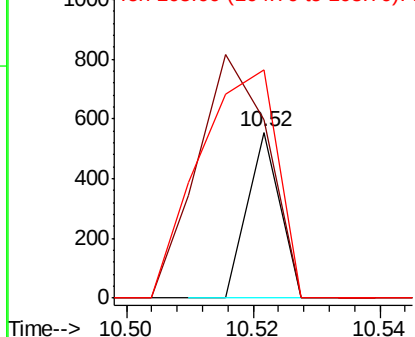


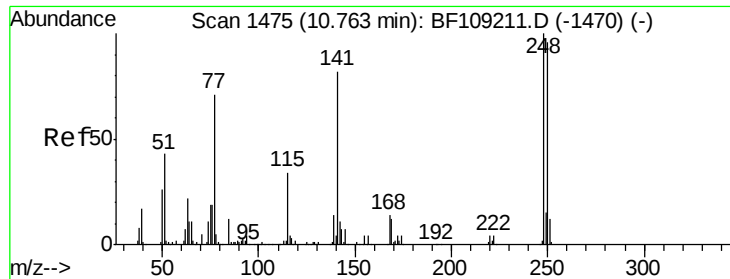
#64
4,6-Dinitro-2-methylphenol
Concen: 6.671 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.18 min
Lab File: BF109413.D
Acq: 28 Sep 2018 4:24

Tgt Ion:198 Resp: 196
Ion Ratio Lower Upper
198 100
51 107.9 37.7 77.7#
105 137.8 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

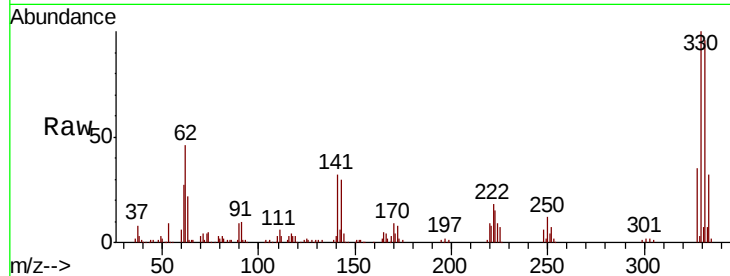




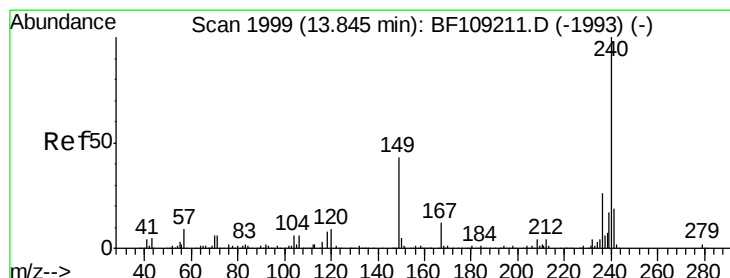
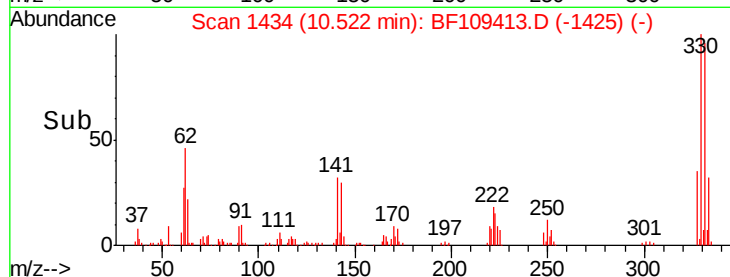
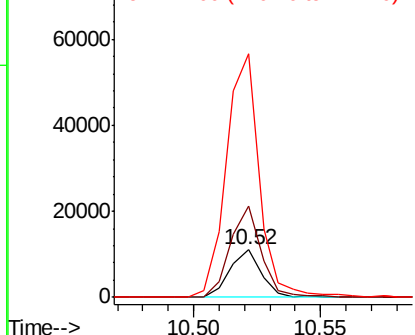
#66
4-Bromophenyl-phenylether
Concen: 3.048 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF109413.D
Acq: 28 Sep 2018 4:24

Instrument :
BNA_F
ClientSampleId :
092418-SIDI-F-U-S

Tgt Ion: 248 Resp: 9443
Ion Ratio Lower Upper
248 100
250 194.6 76.9 115.3#
141 515.4 74.4 111.6#

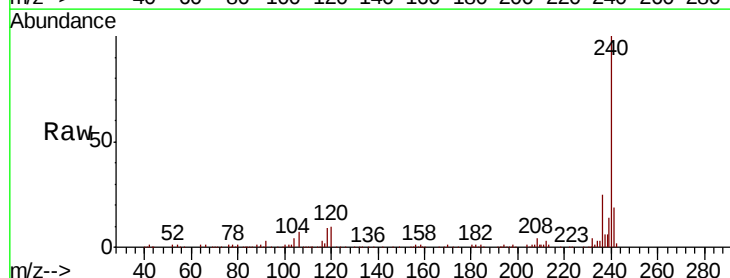


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

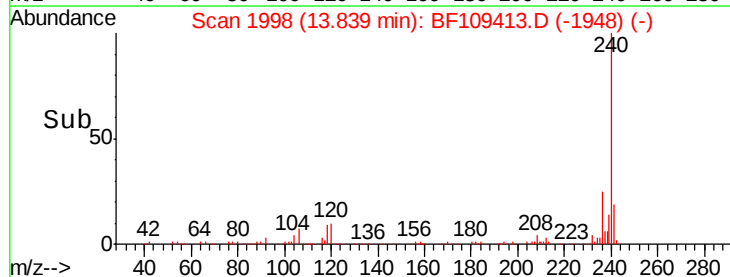
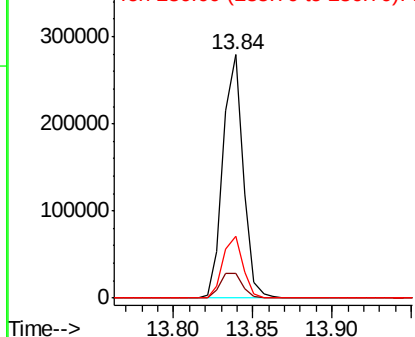


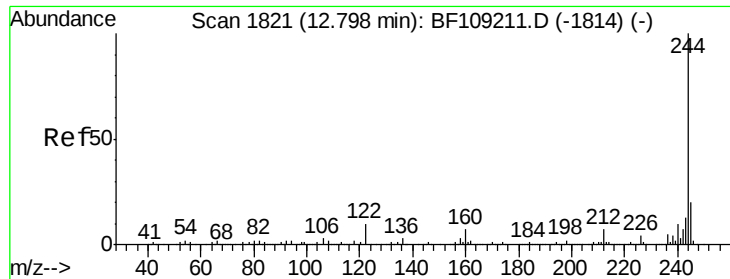
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109413.D
Acq: 28 Sep 2018 4:24

Tgt Ion: 240 Resp: 247083
Ion Ratio Lower Upper
240 100
120 10.2 9.5 14.3
236 25.3 20.7 31.1



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: 98.258 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109413.D

Acq: 28 Sep 2018 4:24

Instrument :

BNA_F

ClientSampleId :

092418-SIDI-F-U-S

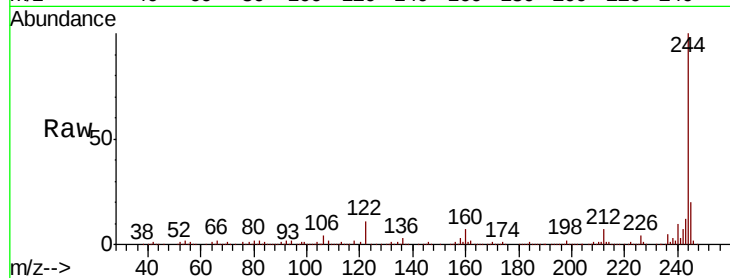
Tgt Ion:244 Resp: 989251

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

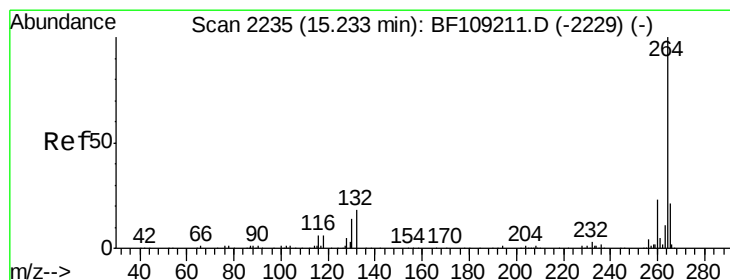
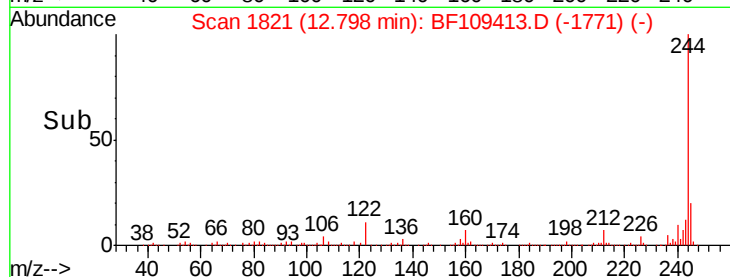
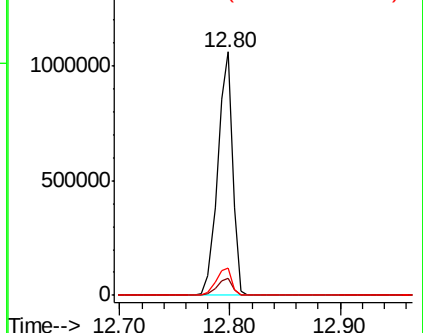
122 11.2 11.0 16.4



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: 15.24 min Scan# 2236

Delta R.T. 0.00 min

Lab File: BF109413.D

Acq: 28 Sep 2018 4:24

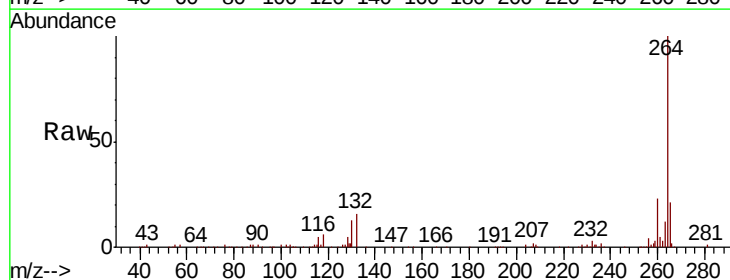
Tgt Ion:264 Resp: 185558

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 20.7 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

