

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082818\
 Data File : BF108580.D
 Acq On : 29 Aug 2018 2:55
 Operator : JU/SJ
 Sample : J4656-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 082418-SIDI-F-D-S

Quant Time: Aug 29 05:38:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

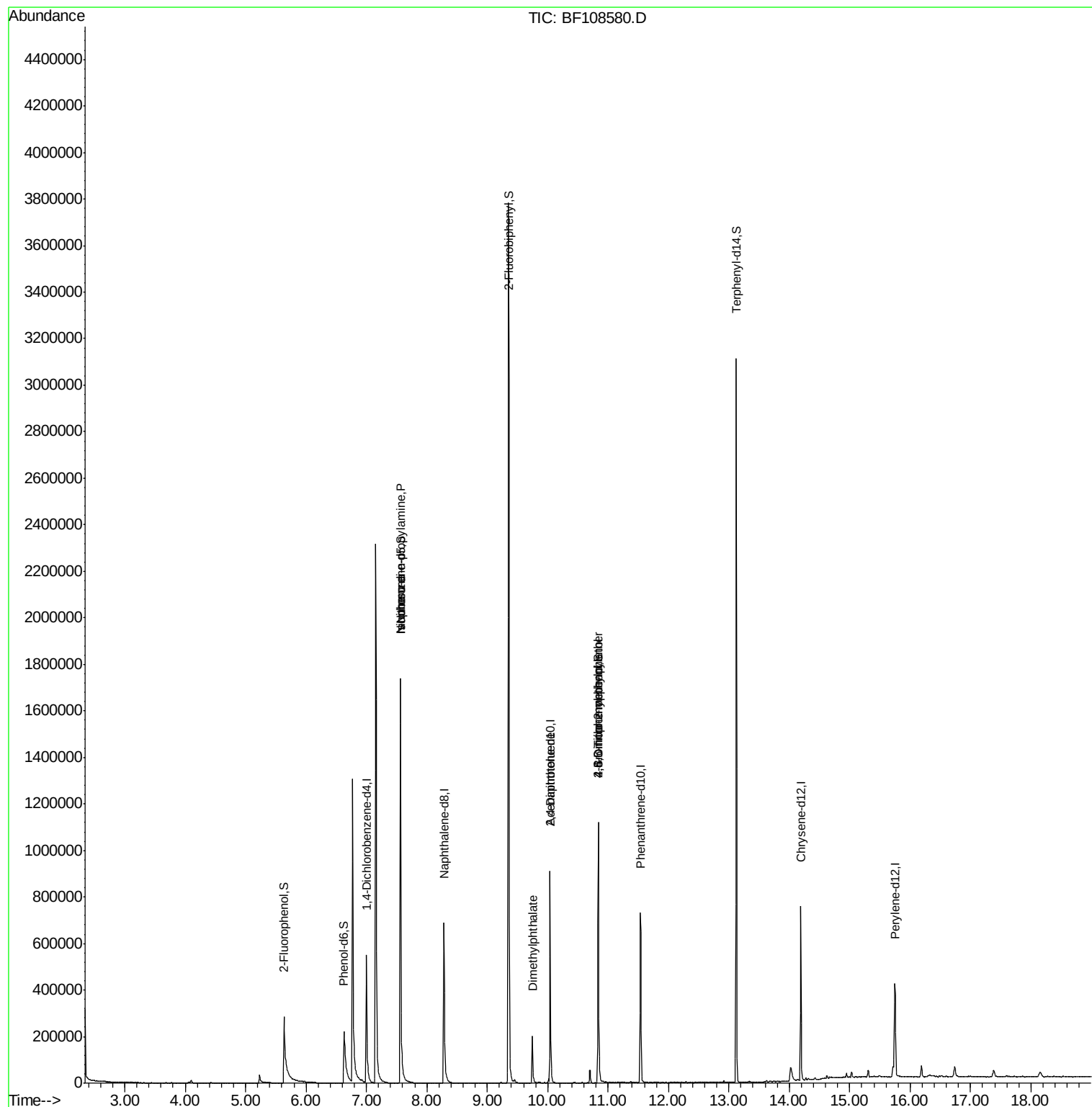
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	110539	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	412308	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	187433	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	304555	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	280186	20.00	ng	-0.01
86) Perylene-d12	15.75	264	223795	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	204925	33.56	ng	0.00
7) Phenol-d6	6.63	99	181215	22.33	ng	0.00
23) Nitrobenzene-d5	7.57	82	704443	95.34	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	147871	79.09	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1300812	111.42	ng	-0.01
78) Terphenyl-d14	13.12	244	1024350	92.96	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.57	70	93975	17.128	ng	# 80
25) Isophorone	7.57	82	704438	50.019	ng	# 64
49) Dimethylphthalate	9.75	163	111607	8.548	ng	# 99
56) 2,4-Dinitrotoluene	10.04	165	23682	6.735	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.84	198	132	5.461	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	9886	2.987	ng	# 1

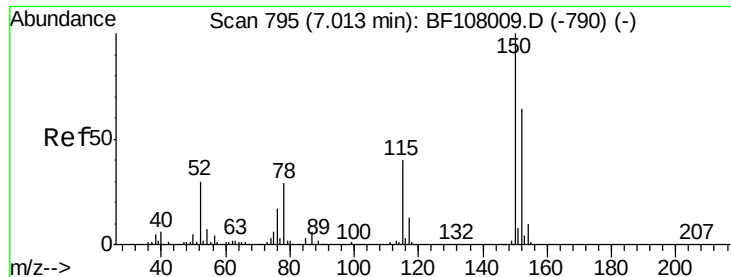
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Time: Aug 29 05:38:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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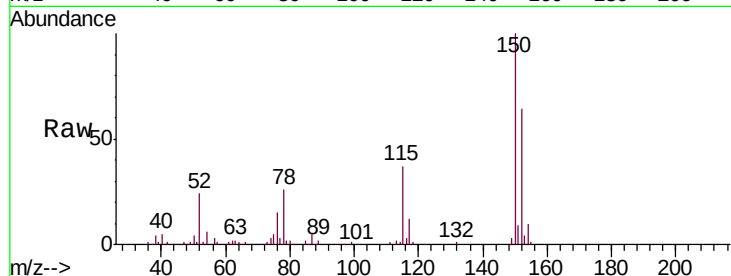


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108580.D
Acq: 29 Aug 2018 2:55

Instrument :
BNA_F
ClientSampleId :
082418-SIDI-F-D-S

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.6	186.8
115	58.7	50.1	75.1

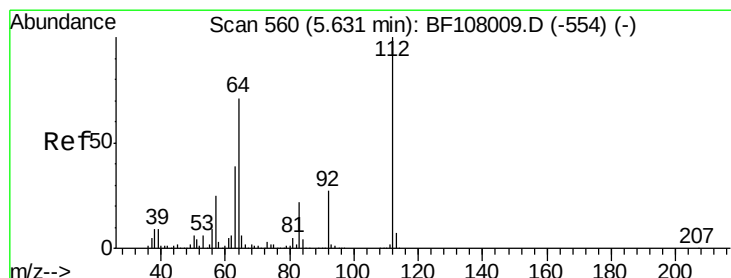
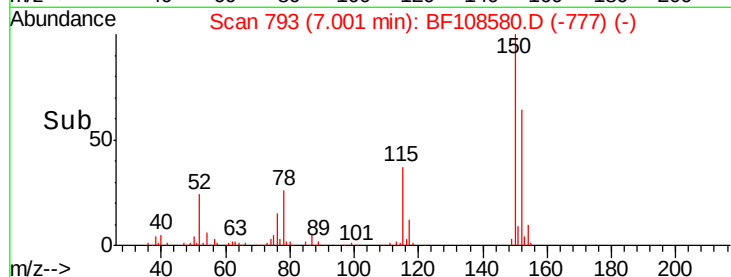
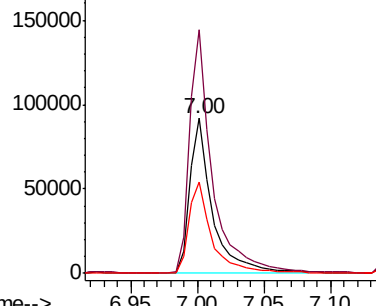


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

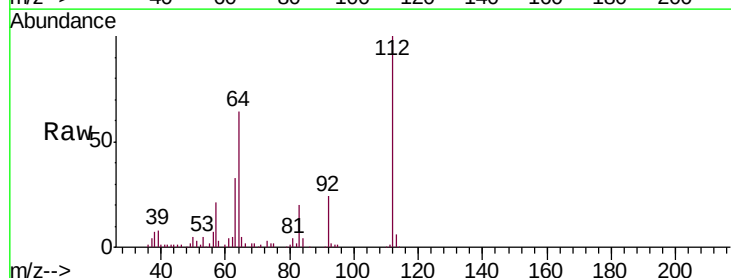
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 33.563 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108580.D
Acq: 29 Aug 2018 2:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.3	47.9	71.9
63	32.7	23.7	35.5

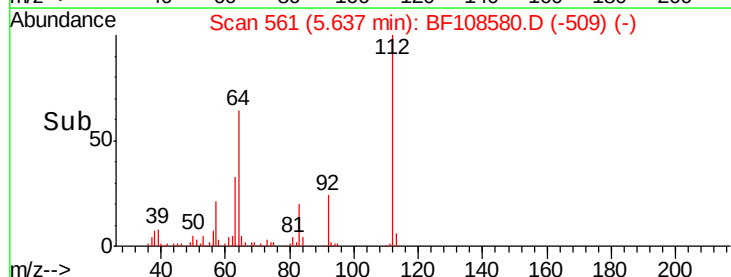
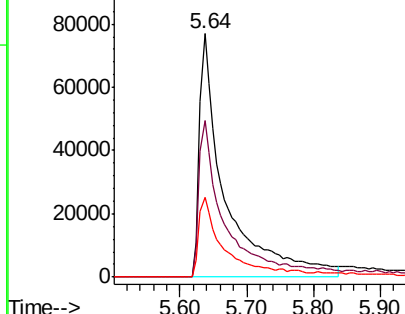


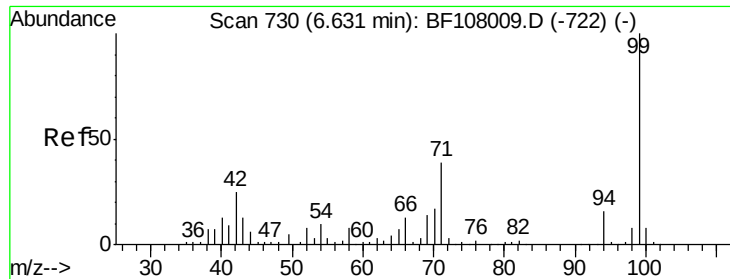
Abundance

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: 22.335 ng

RT: 6.63 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF108580.D

Acq: 29 Aug 2018 2:55

Instrument :

BNA_F

ClientSampleId :

082418-SIDI-F-D-S

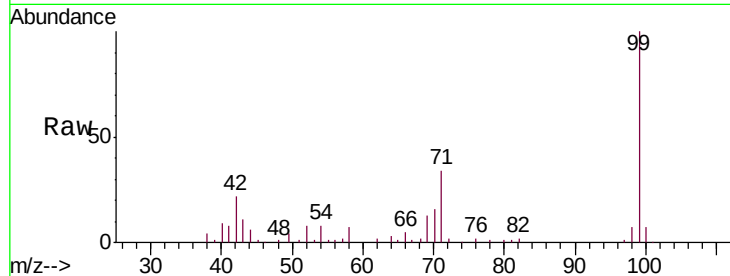
Tgt Ion: 99 Resp: 181215

Ion Ratio Lower Upper

99 100

42 21.6 14.5 21.7

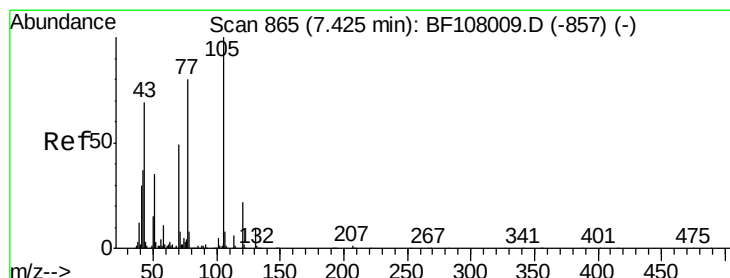
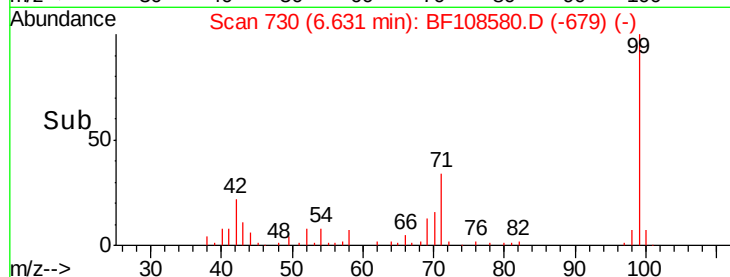
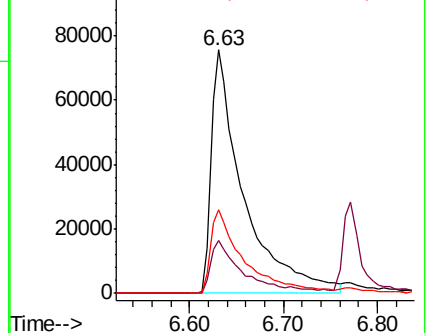
71 34.2 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 17.128 ng

RT: 7.57 min Scan# 889

Delta R.T. 0.15 min

Lab File: BF108580.D

Acq: 29 Aug 2018 2:55

Tgt Ion: 70 Resp: 93975

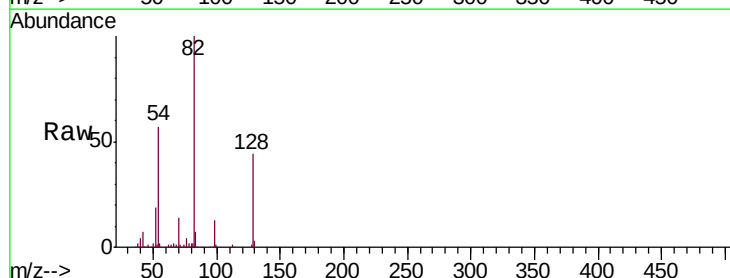
Ion Ratio Lower Upper

70 100

42 50.8 47.5 71.3

101 0.0 7.4 11.2#

130 1.9 16.6 25.0#

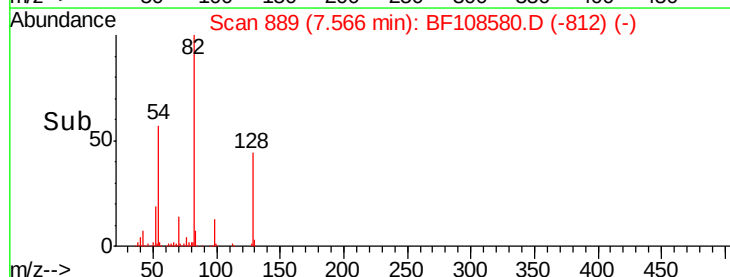
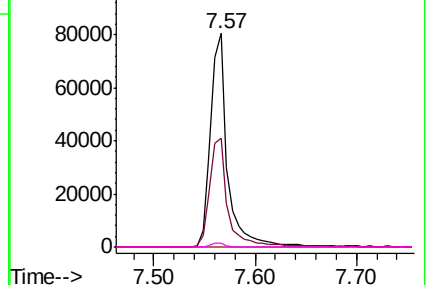


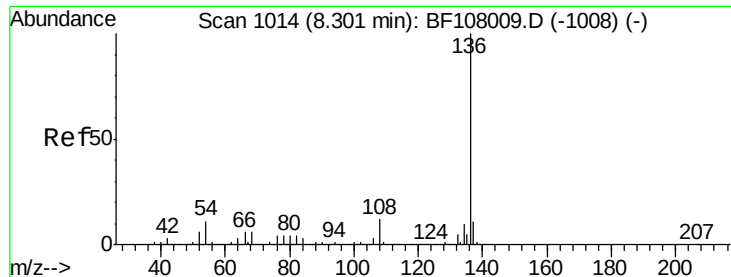
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

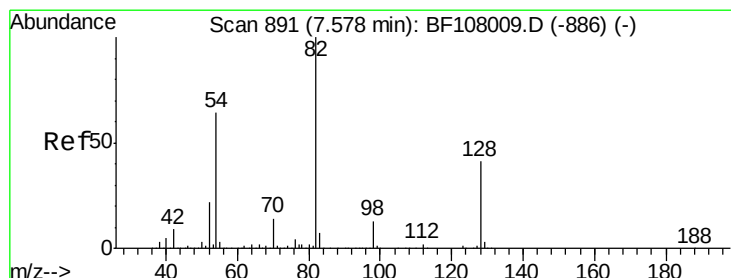
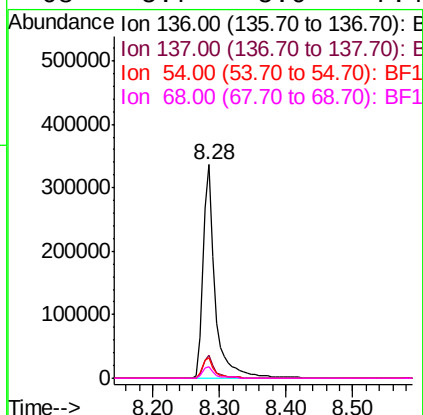
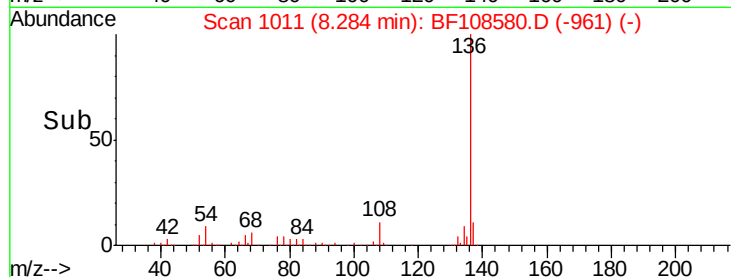
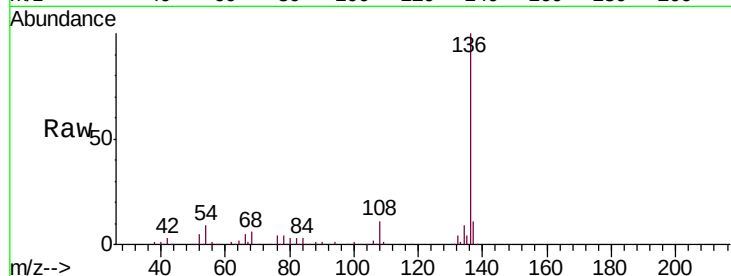




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108580.D
Acq: 29 Aug 2018 2:55

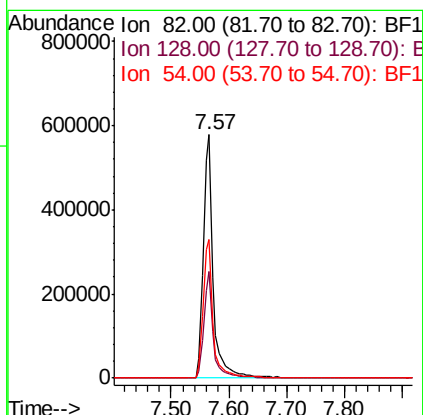
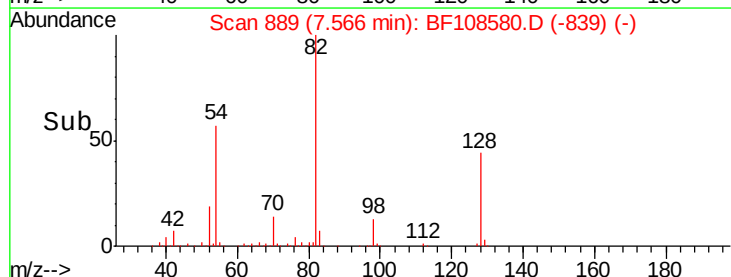
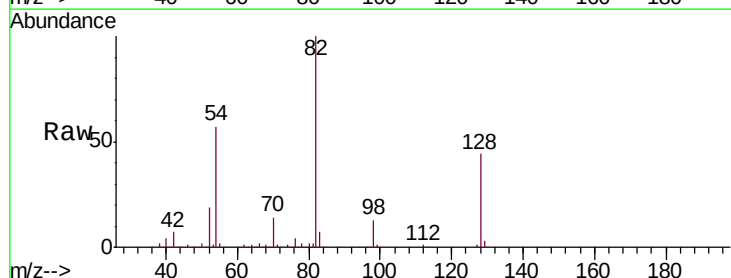
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082418-SIDI-F-D-S

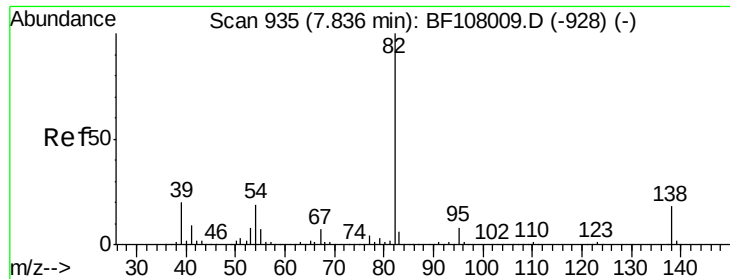
Tgt Ion:	136	Resp:	412308
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.5	6.6	9.8
68	5.7	5.0	7.4



#23
Nitrobenzene-d5
Concen: 95.339 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108580.D
Acq: 29 Aug 2018 2:55

Tgt Ion:	82	Resp:	704443
Ion	Ratio	Lower	Upper
82	100		
128	43.6	36.1	54.1
54	56.9	41.4	62.2

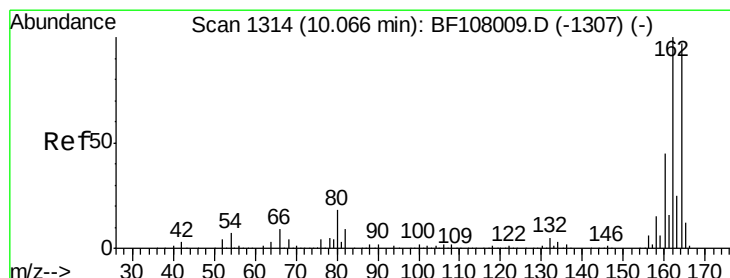
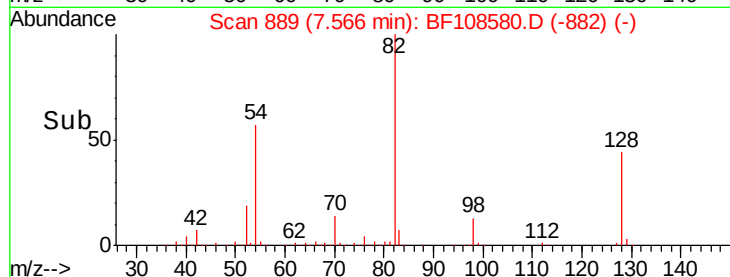
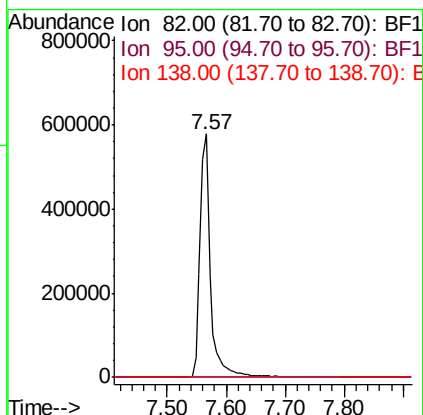
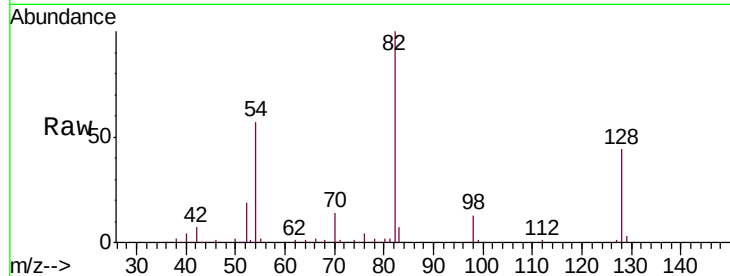




#25
Isophorone
Concen: 50.019 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.26 min
Lab File: BF108580.D
Acq: 29 Aug 2018 2:55

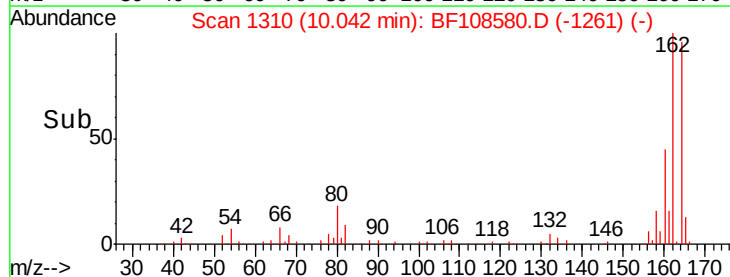
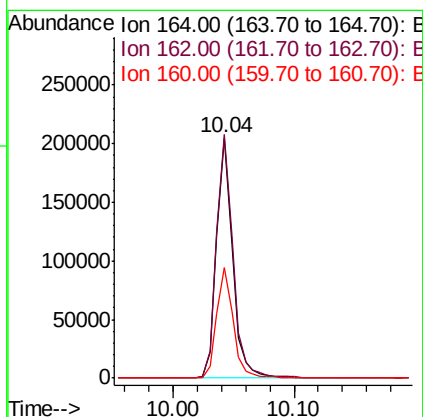
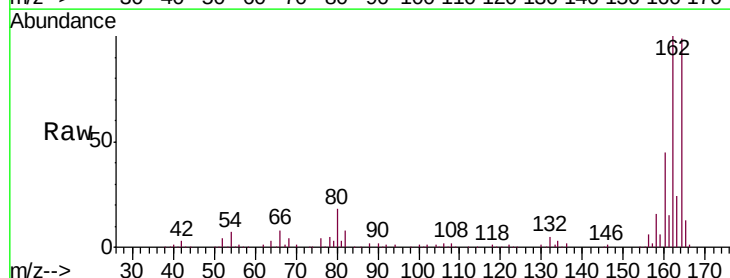
Instrument :
BNA_F
ClientSampleId :
082418-SIDI-F-D-S

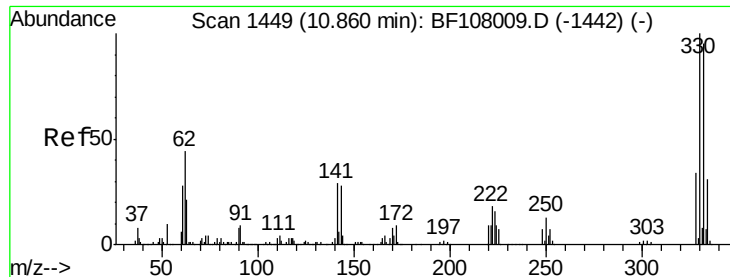
Tgt Ion: 82 Resp: 704438
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108580.D
Acq: 29 Aug 2018 2:55

Tgt Ion: 164 Resp: 187433
Ion Ratio Lower Upper
164 100
162 101.5 86.1 129.1
160 45.9 38.3 57.5

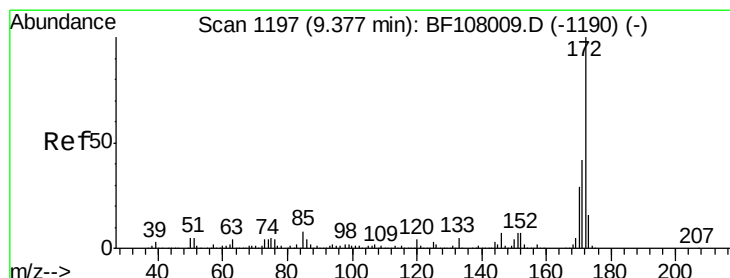
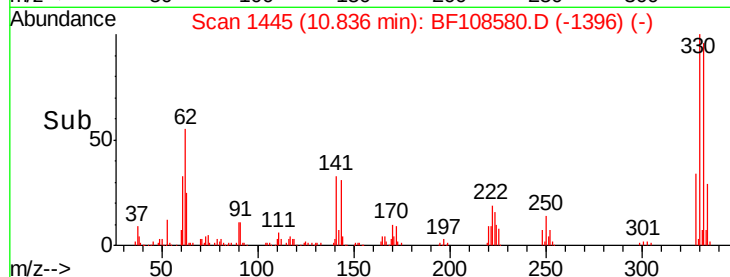
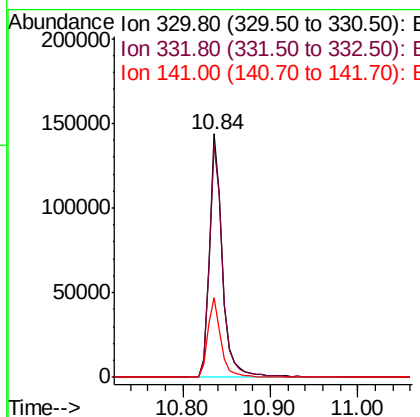
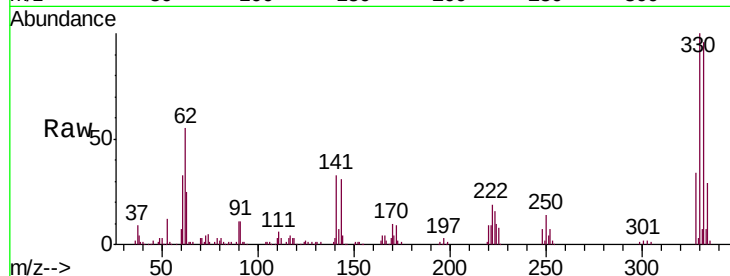




#41
 2,4,6-Tribromophenol
 Concen: 79.092 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108580.D
 Acq: 29 Aug 2018 2:55

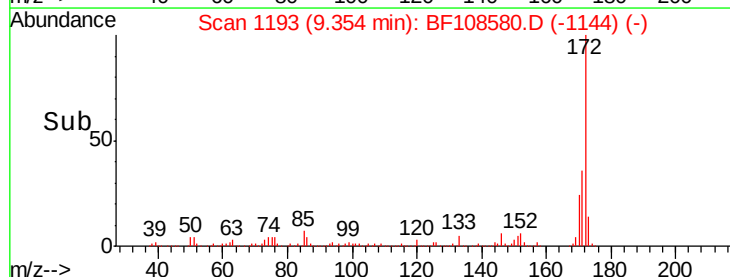
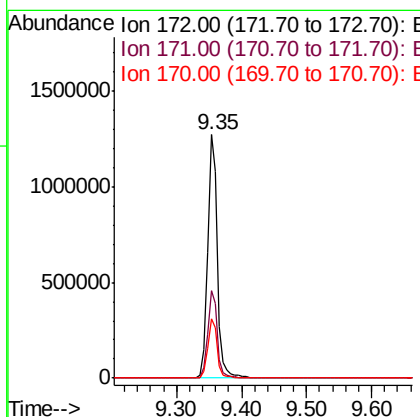
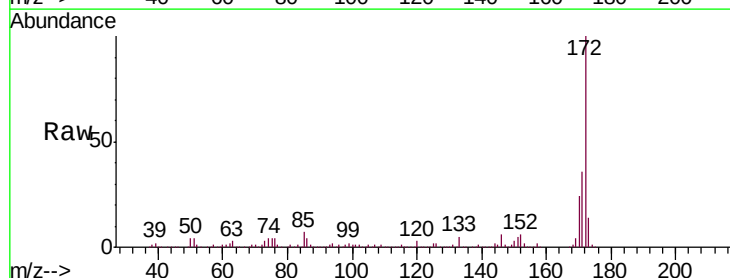
Instrument :
 BNA_F
 ClientSampleId :
 082418-SIDI-F-D-S

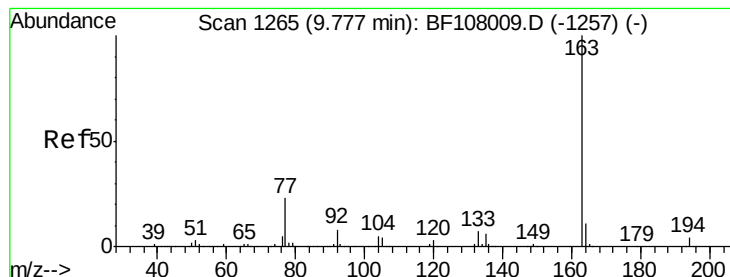
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	33.0	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 111.422 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108580.D
 Acq: 29 Aug 2018 2:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.2	19.6	29.4





#49

Dimethylphthalate

Concen: 8.548 ng

RT: 9.75 min Scan# 1260

Delta R.T. -0.02 min

Lab File: BF108580.D

Acq: 29 Aug 2018 2:55

Instrument :

BNA_F

ClientSampleId :

082418-SIDI-F-D-S

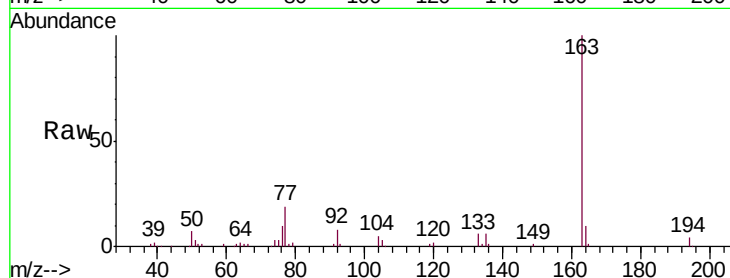
Tgt Ion:163 Resp: 111607

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

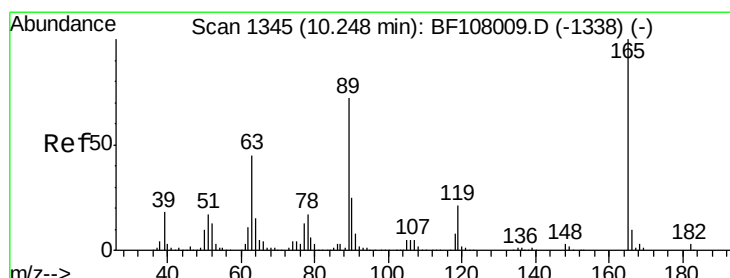
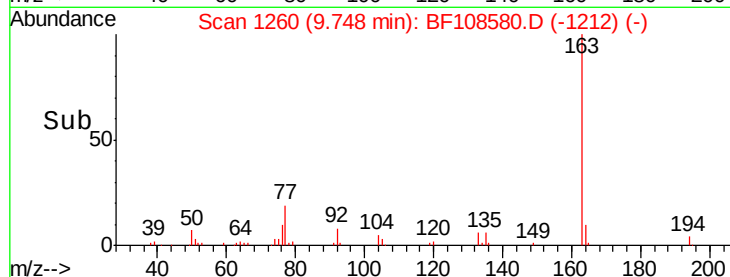
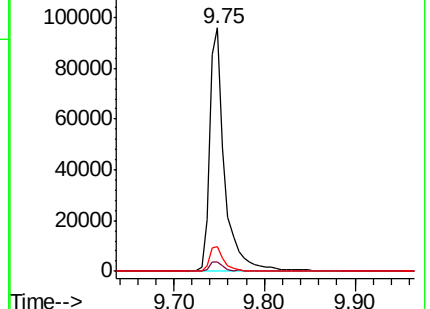
164 10.0 8.2 12.2



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



#56

2,4-Dinitrotoluene

Concen: 6.735 ng

RT: 10.04 min Scan# 1310

Delta R.T. -0.19 min

Lab File: BF108580.D

Acq: 29 Aug 2018 2:55

Tgt Ion:165 Resp: 23682

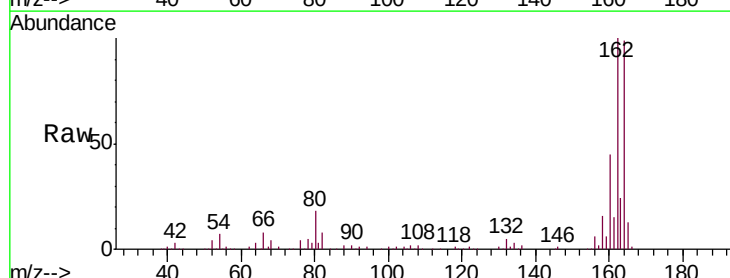
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

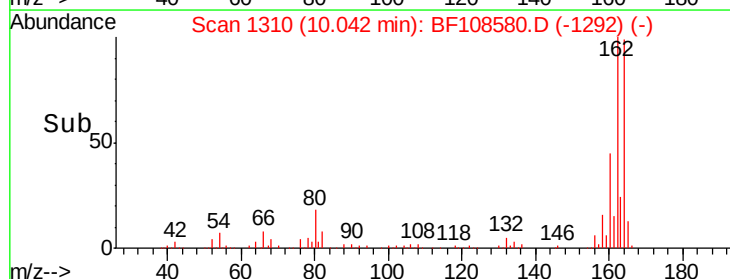
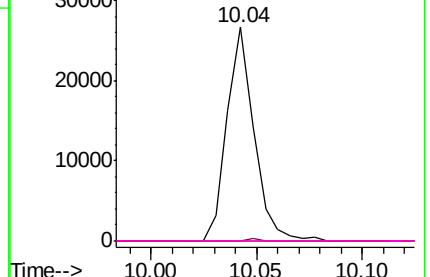


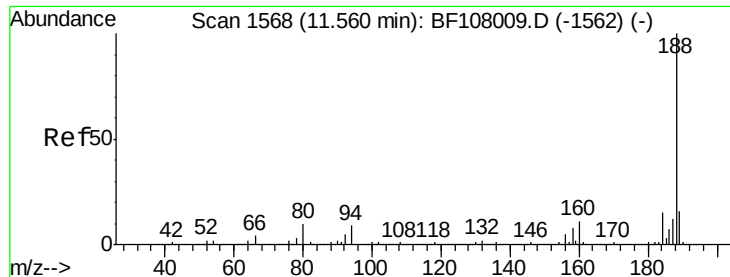
Abundance Ion 165.00 (164.70 to 165.70): E

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

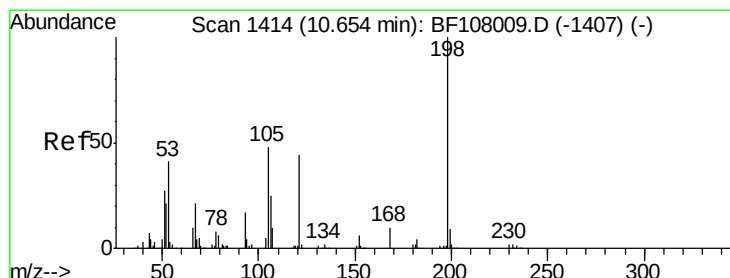
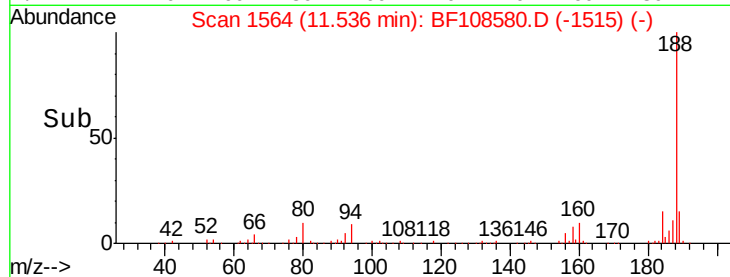
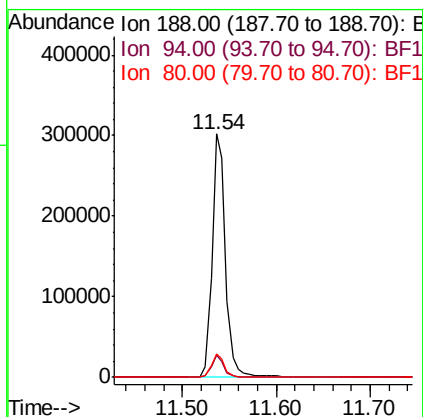
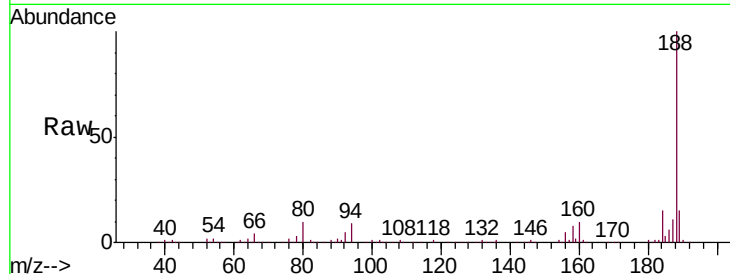




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF108580.D
 Acq: 29 Aug 2018 2:55

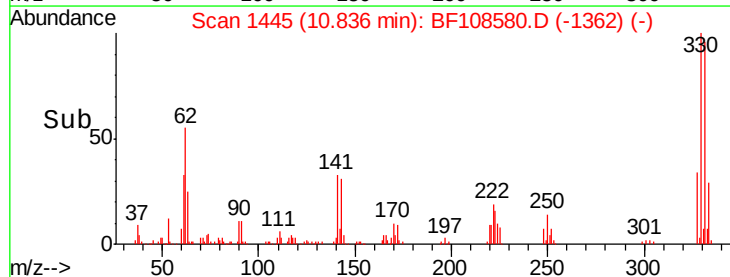
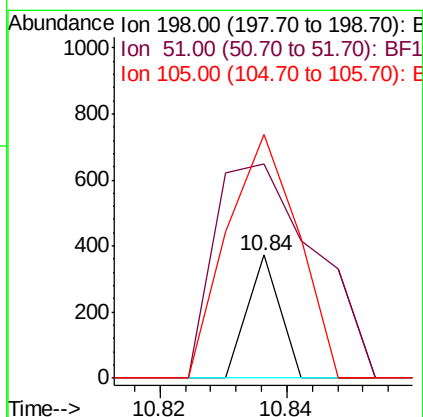
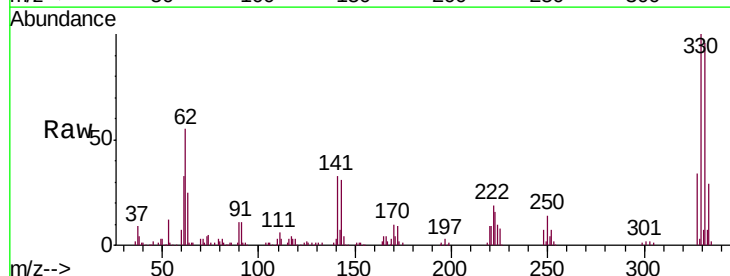
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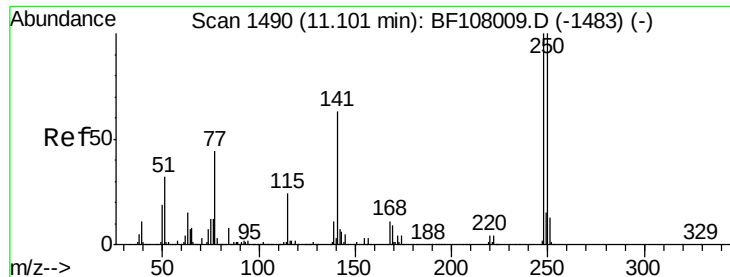
Tgt Ion:	188	Resp:	304555
Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	9.7	9.2	13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.461 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. 0.19 min
 Lab File: BF108580.D
 Acq: 29 Aug 2018 2:55

Tgt Ion:	198	Resp:	132
Ion	Ratio	Lower	Upper
198	100		
51	173.5	37.7	77.7#
105	197.6	36.3	76.3#

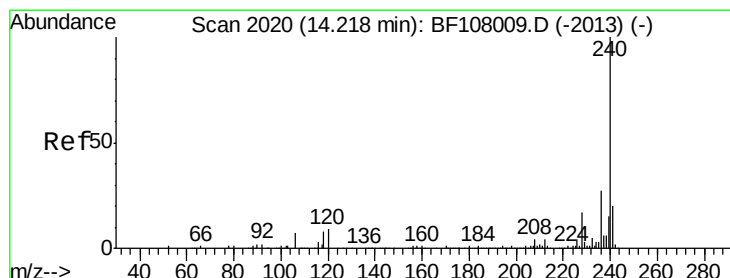
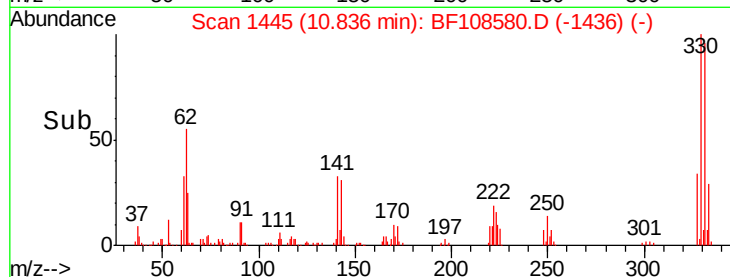
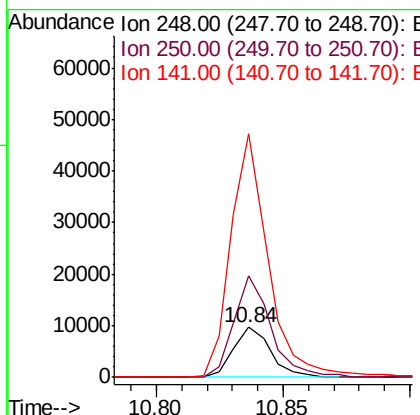
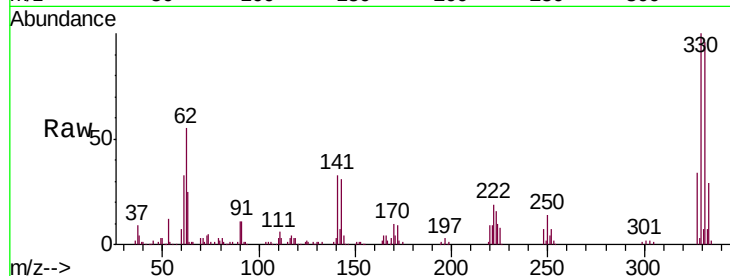




#66
 4-Bromophenyl-phenylether
 Concen: 2.987 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.25 min
 Lab File: BF108580.D
 Acq: 29 Aug 2018 2:55

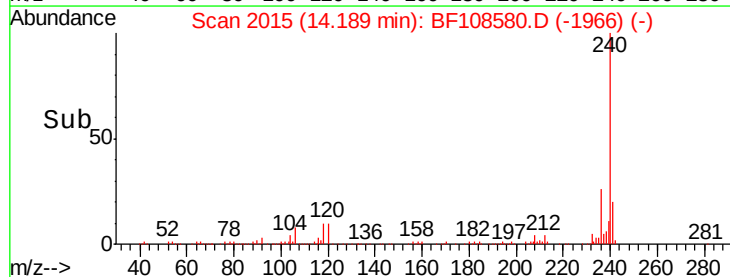
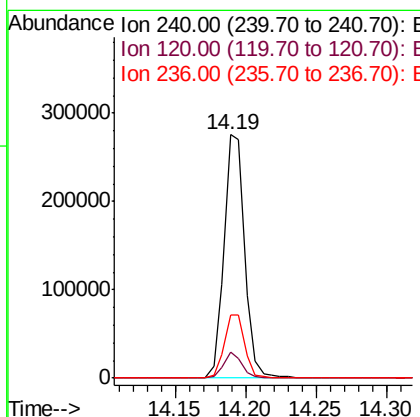
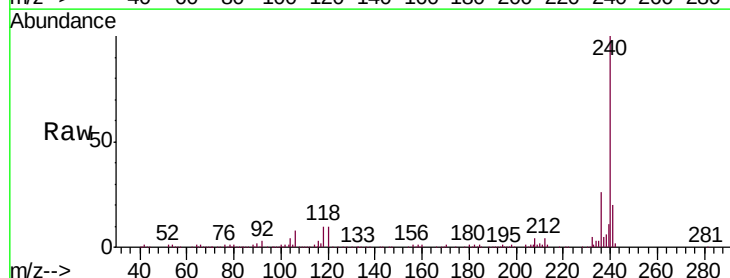
Instrument :
 BNA_F
 ClientSampleId :
 082418-SIDI-F-D-S

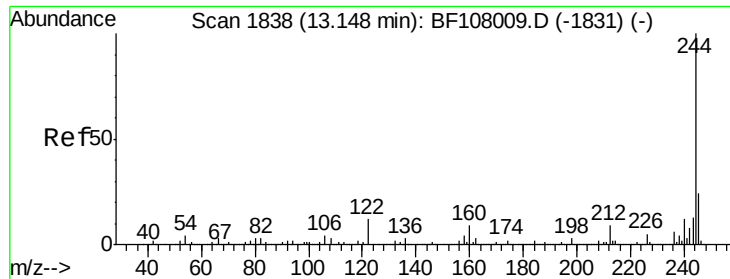
Tgt Ion:248 Resp: 9886
 Ion Ratio Lower Upper
 248 100
 250 204.3 76.9 115.3#
 141 489.4 74.4 111.6#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.19 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF108580.D
 Acq: 29 Aug 2018 2:55

Tgt Ion:240 Resp: 280186
 Ion Ratio Lower Upper
 240 100
 120 10.5 9.5 14.3
 236 26.0 20.7 31.1





#78

Terphenyl-d14

Concen: 92.955 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108580.D

Acq: 29 Aug 2018 2:55

Instrument :

BNA_F

ClientSampleId :

082418-SIDI-F-D-S

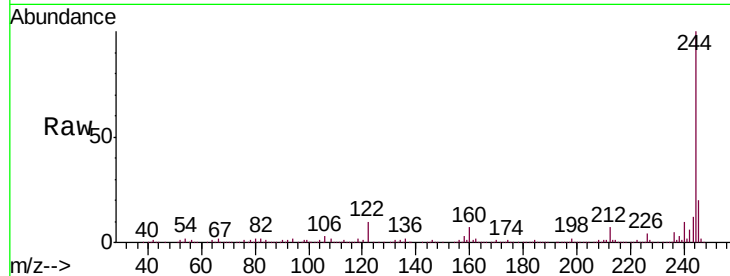
Tgt Ion:244 Resp: 1024350

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

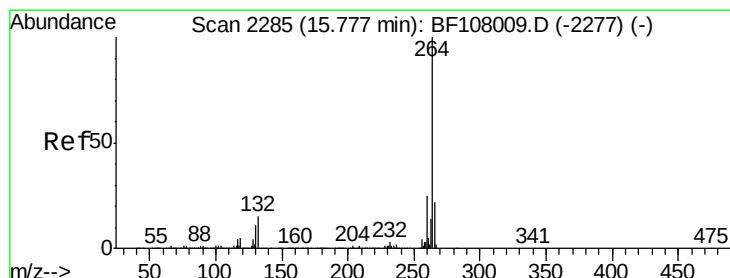
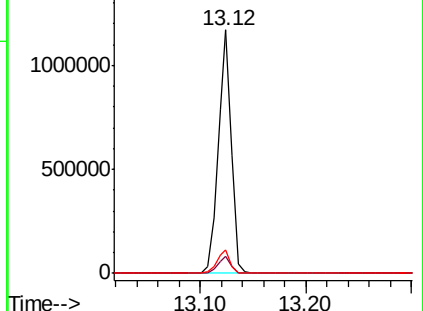
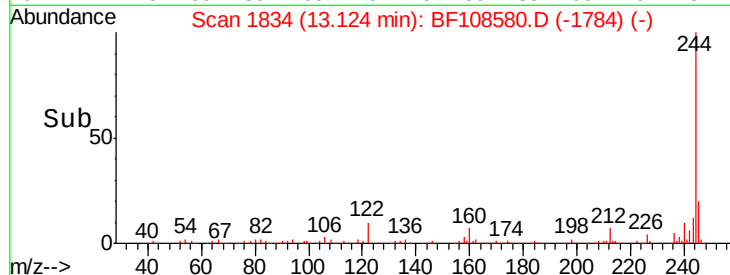
122 9.6 11.0 16.4#



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: 15.75 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BF108580.D

Acq: 29 Aug 2018 2:55

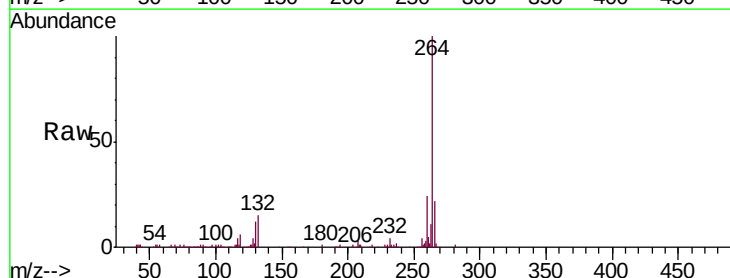
Tgt Ion:264 Resp: 223795

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.7 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

