

Data File : BF108880.D
Acq On : 8 Sep 2018 00:30
Operator : JU/SJ
Sample : J4811-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
090518-SIDI-E-D-B

Quant Time: Sep 08 03:10:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	204715	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	746976	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	338652	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	556721	20.00	ng	0.00
75) Chrysene-d12	13.87	240	437608	20.00	ng	0.00
86) Perylene-d12	15.27	264	475093	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	570104	46.14	ng	0.00
7) Phenol-d6	6.36	99	486839	30.62	ng	0.00
23) Nitrobenzene-d5	7.30	82	1328632	111.31	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	299929	92.77	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	2126593	107.13	ng	0.00
78) Terphenyl-d14	12.82	244	1612055	85.90	ng	0.00

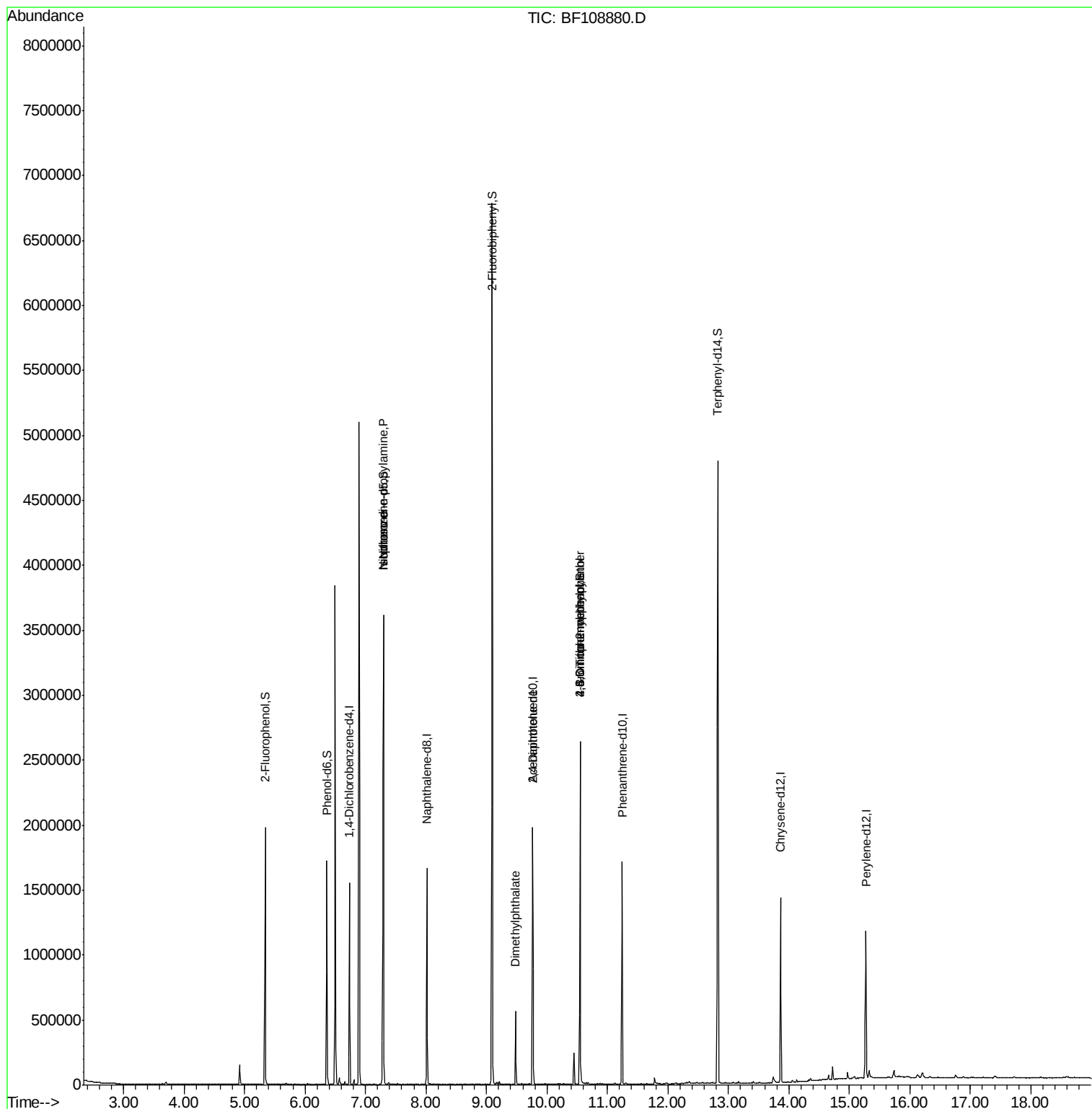
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.30	70	178830	16.181	ng	# 78
25) Isophorone	7.30	82	1320394	55.458	ng	# 64
49) Dimethylphthalate	9.48	163	206446	8.716	ng	99
56) 2,4-Dinitrotoluene	9.77	165	43351	7.511	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.55	198	624	7.113	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	18130	2.883	ng	# 1

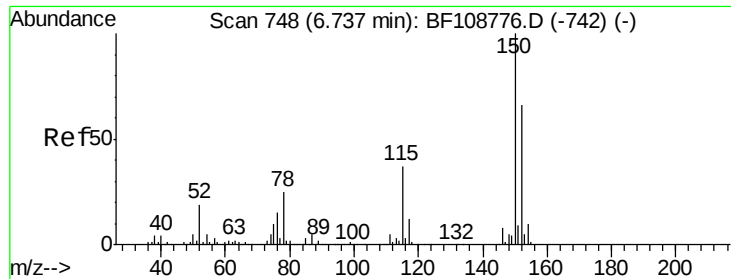
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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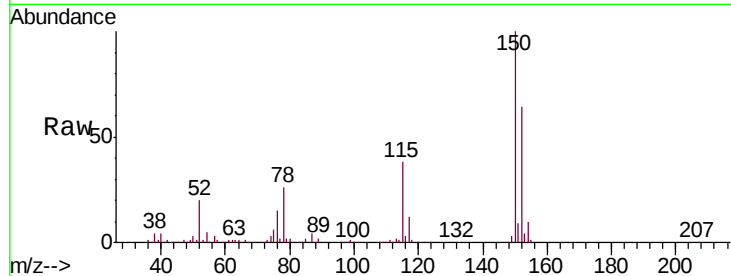


#1

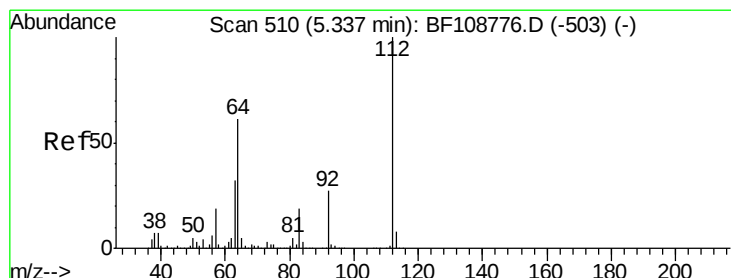
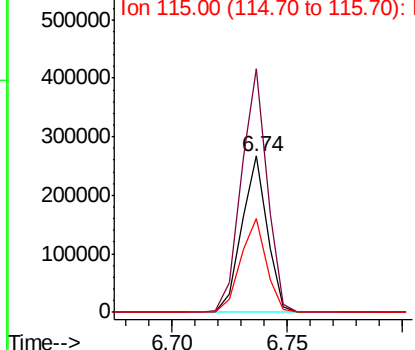
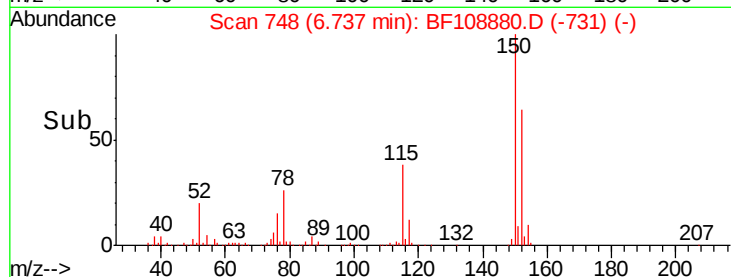
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF108880.D
Acq: 8 Sep 2018 00:30

Instrument :
BNA_F
ClientSampleId :
090518-SIDI-E-D-B

Tgt Ion:152 Resp: 204715
Ion Ratio Lower Upper
152 100
150 156.0 124.6 186.8
115 60.0 50.1 75.1



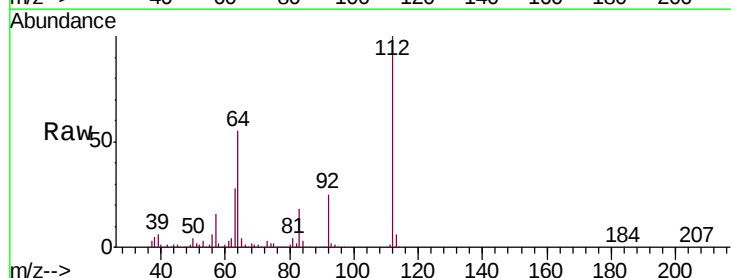
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



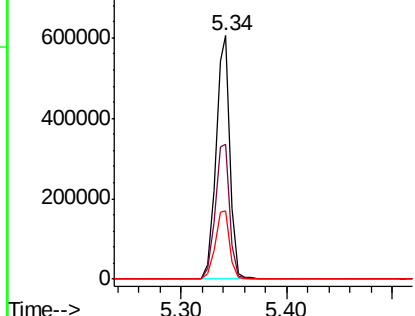
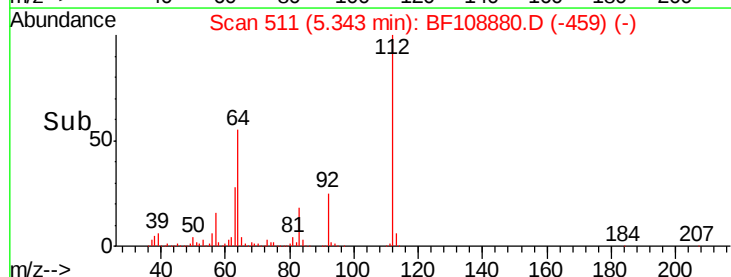
#5

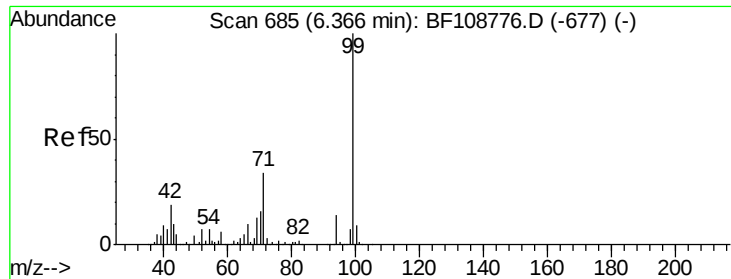
2-Fluorophenol
Concen: 46.136 ng
RT: 5.34 min Scan# 511
Delta R.T. 0.01 min
Lab File: BF108880.D
Acq: 8 Sep 2018 00:30

Tgt Ion:112 Resp: 570104
Ion Ratio Lower Upper
112 100
64 55.4 47.9 71.9
63 27.9 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: 30.620 ng

RT: 6.36 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF108880.D

Acq: 8 Sep 2018 00:30

Instrument :

BNA_F

ClientSampleId :

090518-SIDI-E-D-B

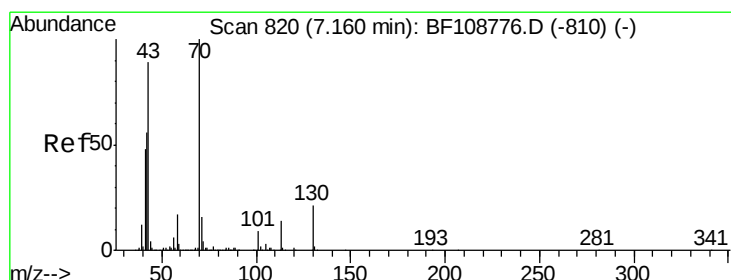
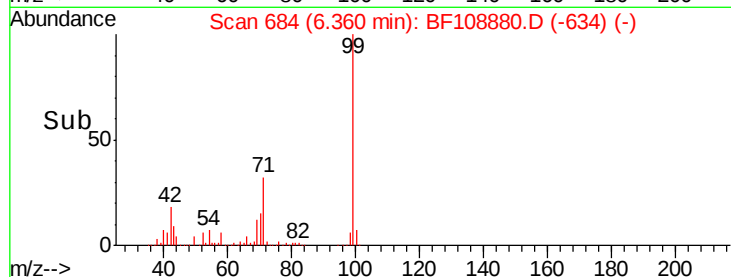
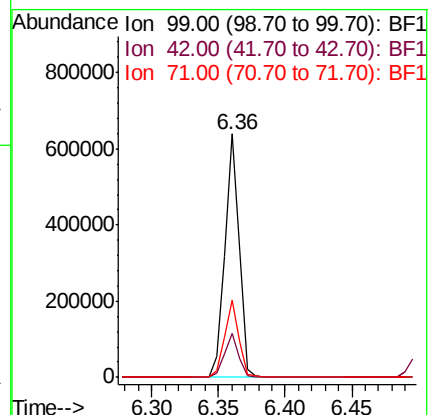
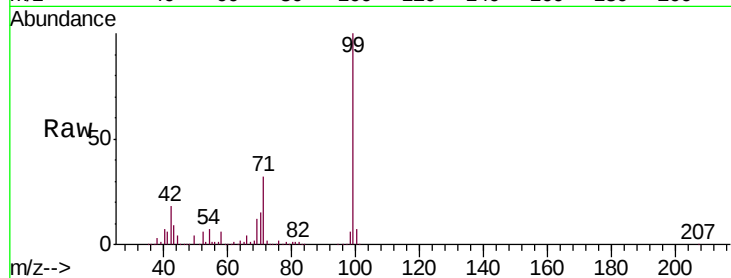
Tgt Ion: 99 Resp: 486839

Ion Ratio Lower Upper

99 100

42 18.3 14.5 21.7

71 31.8 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 16.181 ng

RT: 7.30 min Scan# 843

Delta R.T. 0.14 min

Lab File: BF108880.D

Acq: 8 Sep 2018 00:30

Tgt Ion: 70 Resp: 178830

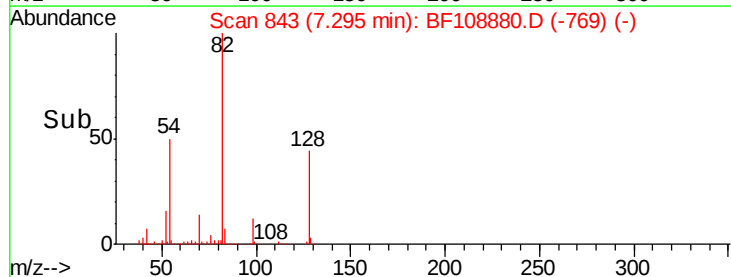
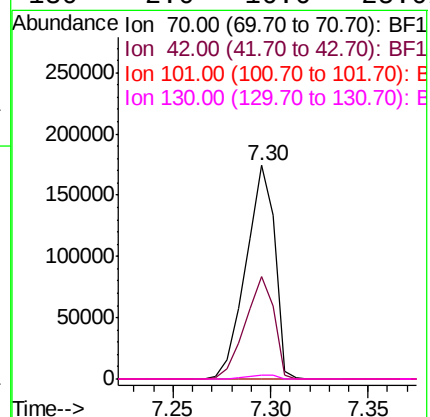
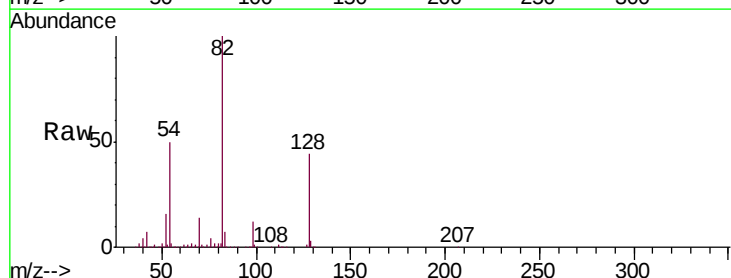
Ion Ratio Lower Upper

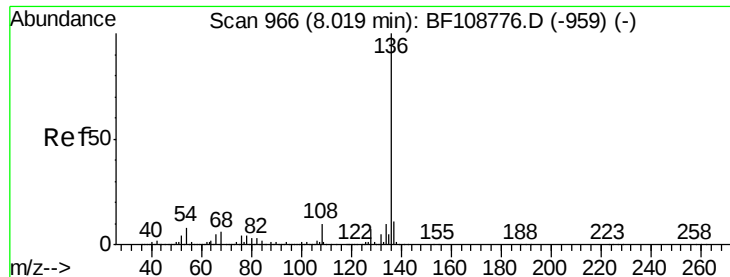
70 100

42 48.1 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

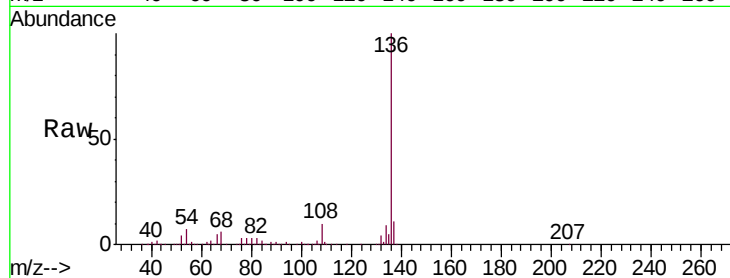




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. 0.00 min
Lab File: BF108880.D
Acq: 8 Sep 2018 00:30

Instrument :
BNA_F
ClientSampleId :
090518-SIDI-E-D-B

Tgt Ion:	136	Resp:	746976
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	7.0	6.6	9.8
68	6.1	5.0	7.4



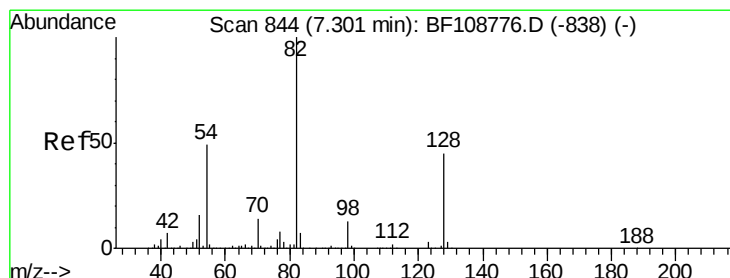
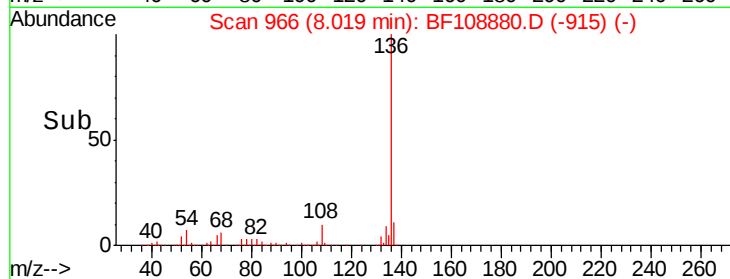
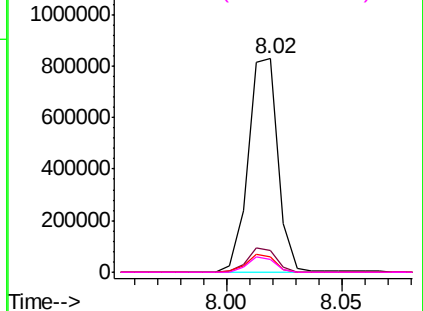
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

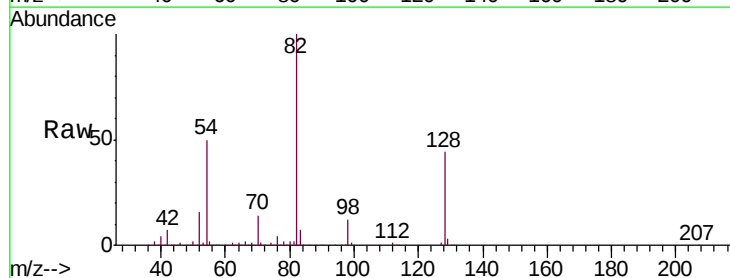
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23
Nitrobenzene-d5
Concen: 111.312 ng
RT: 7.30 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF108880.D
Acq: 8 Sep 2018 00:30

Tgt Ion:	82	Resp:	1328632
Ion	Ratio	Lower	Upper
82	100		
128	44.3	36.1	54.1
54	49.5	41.4	62.2

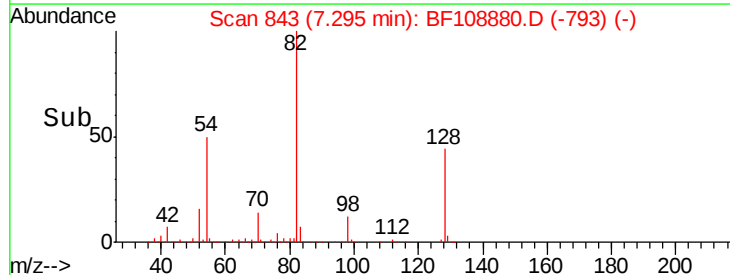
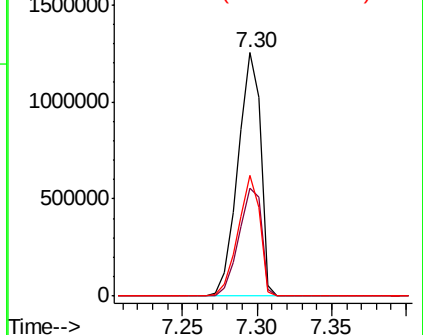


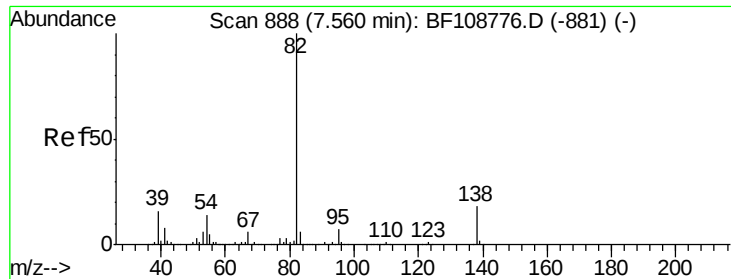
Abundance

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

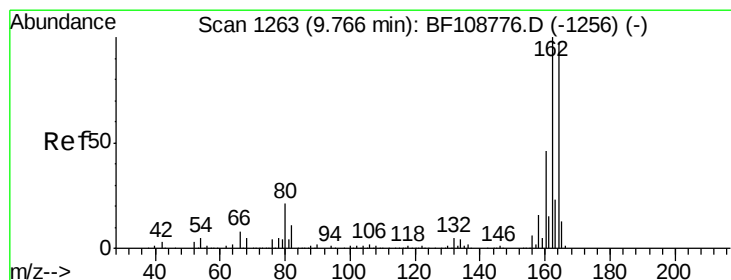
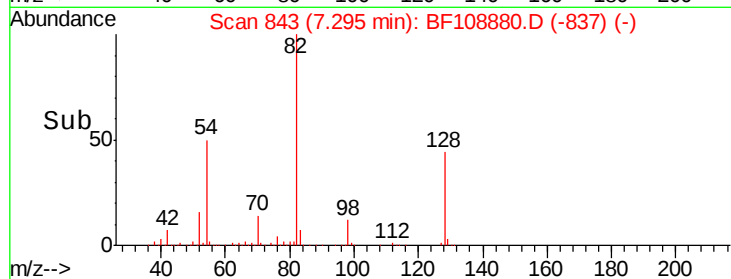
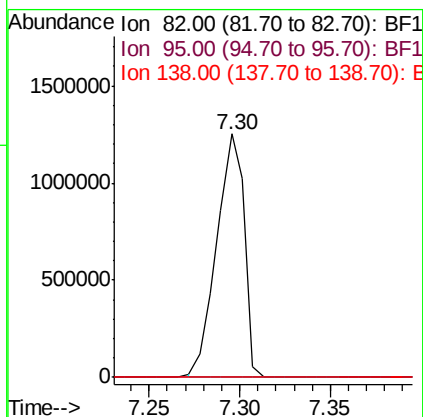
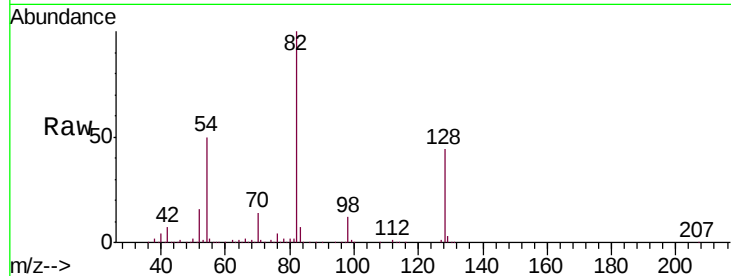




#25
Isophorone
Concen: 55.458 ng
RT: 7.30 min Scan# 843
Delta R.T. -0.26 min
Lab File: BF108880.D
Acq: 8 Sep 2018 00:30

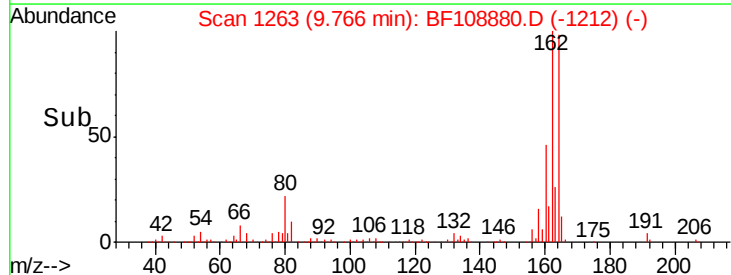
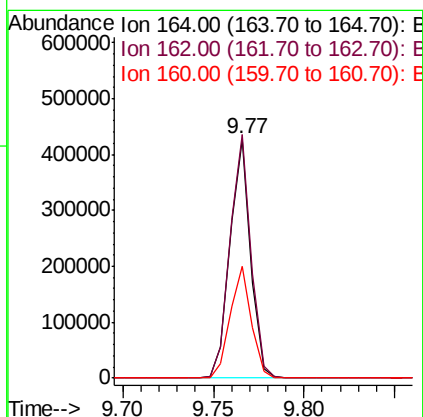
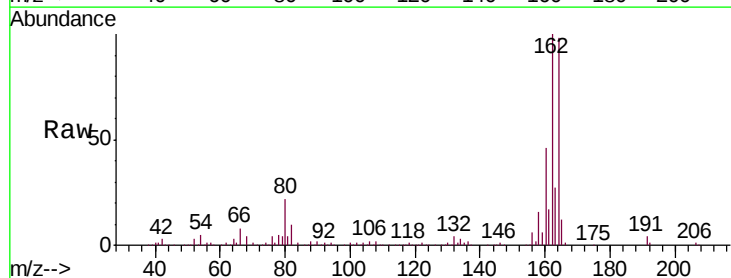
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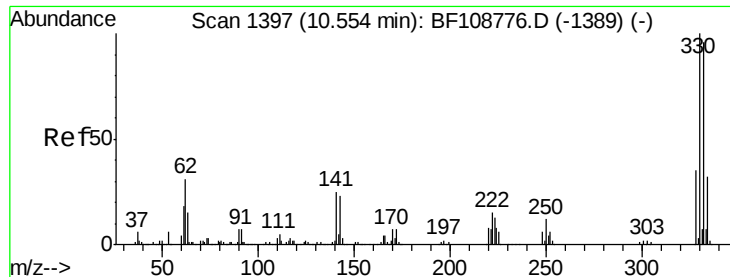
Tgt Ion: 82 Resp: 1320394
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BF108880.D
Acq: 8 Sep 2018 00:30

Tgt Ion: 164 Resp: 338652
Ion Ratio Lower Upper
164 100
162 101.8 86.1 129.1
160 46.8 38.3 57.5

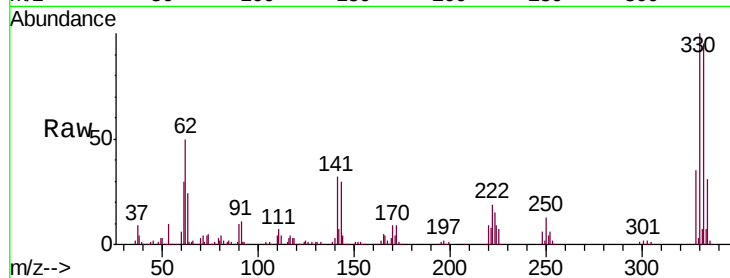




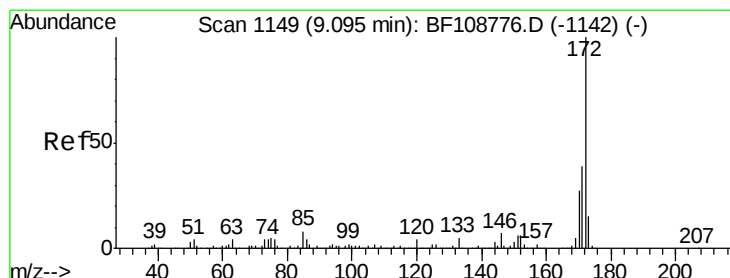
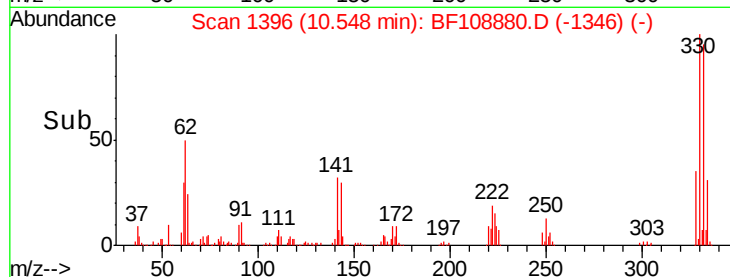
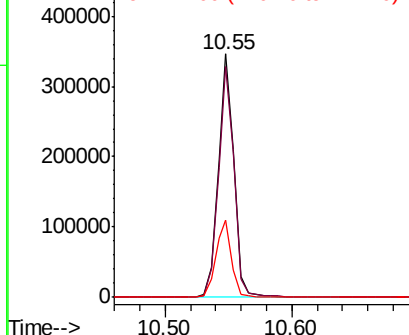
#41
 2,4,6-Tribromophenol
 Concen: 92.773 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF108880.D
 Acq: 8 Sep 2018 00:30

Instrument :
 BNA_F
 ClientSampleId :
 090518-SIDI-E-D-B

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	32.2	29.9	44.9

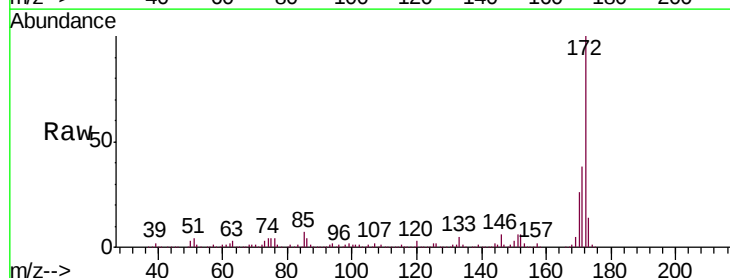


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

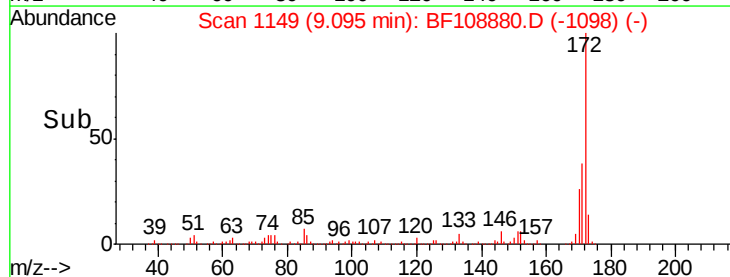
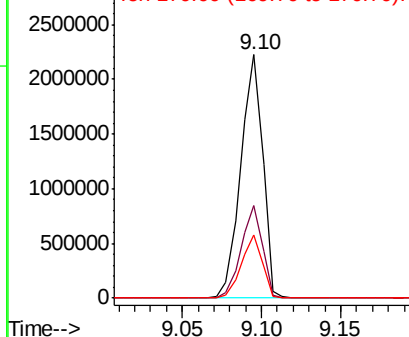


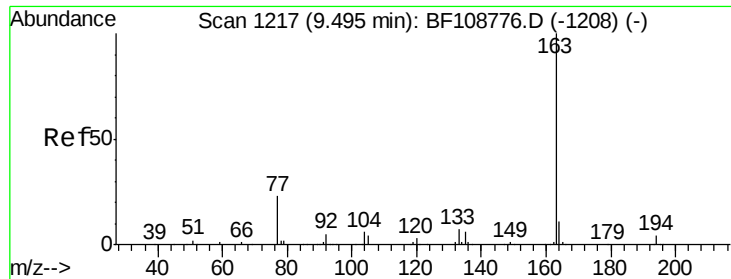
#44
 2-Fluorobiphenyl
 Concen: 107.129 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: BF108880.D
 Acq: 8 Sep 2018 00:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	29.7	44.5
170	25.9	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: 8.716 ng

RT: 9.48 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF108880.D

Acq: 8 Sep 2018 00:30

Instrument :

BNA_F

ClientSampleId :

090518-SIDI-E-D-B

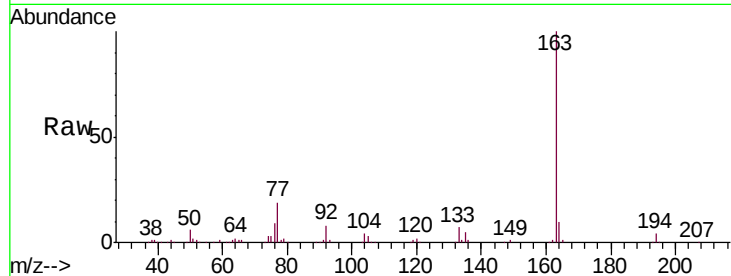
Tgt Ion:163 Resp: 206446

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

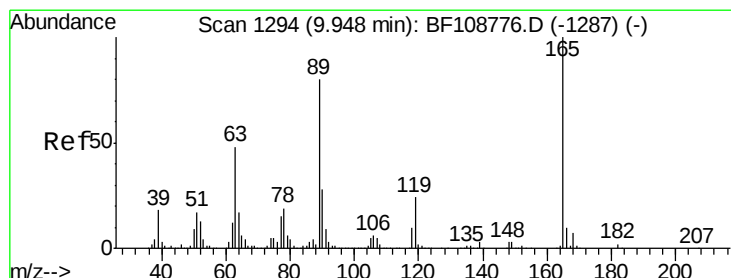
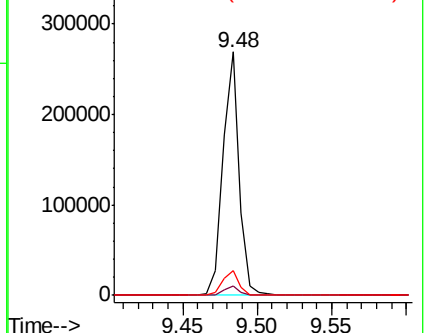
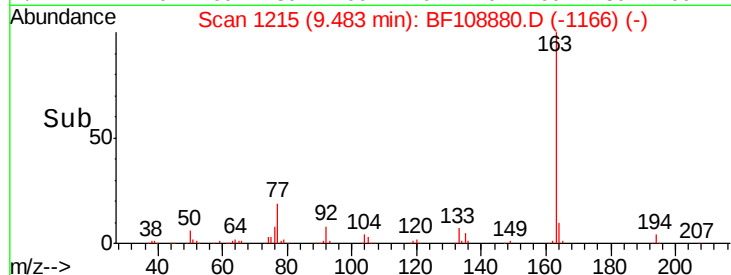
164 10.1 8.2 12.2



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: 7.511 ng

RT: 9.77 min Scan# 1263

Delta R.T. -0.18 min

Lab File: BF108880.D

Acq: 8 Sep 2018 00:30

Tgt Ion:165 Resp: 43351

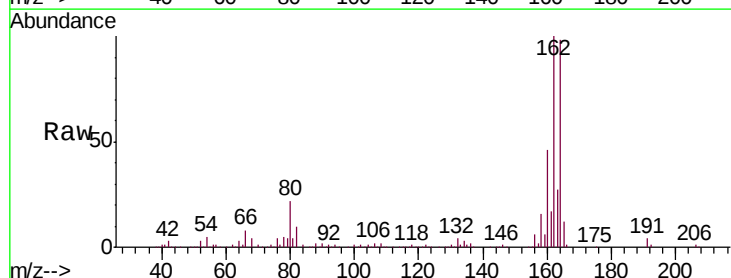
Ion Ratio Lower Upper

165 100

63 2.0 36.4 54.6#

89 1.6 57.8 86.6#

182 0.0 1.6 2.4#

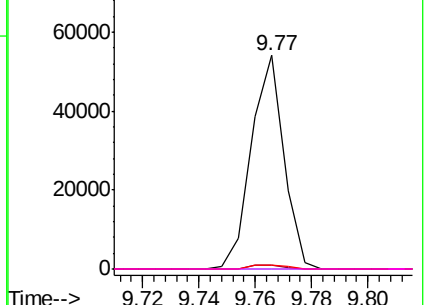
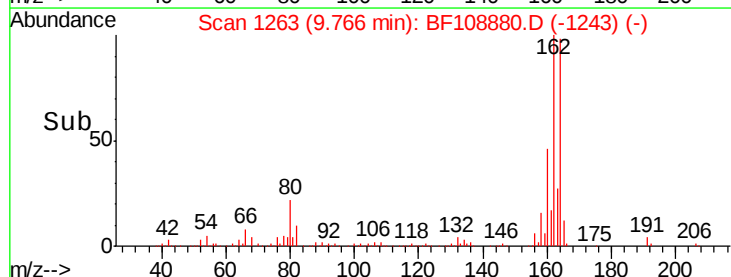


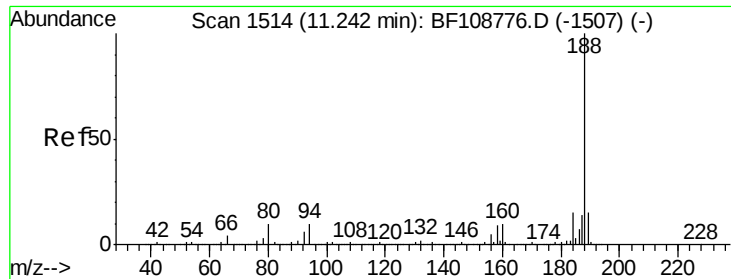
Abundance Ion 165.00 (164.70 to 165.70): E

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

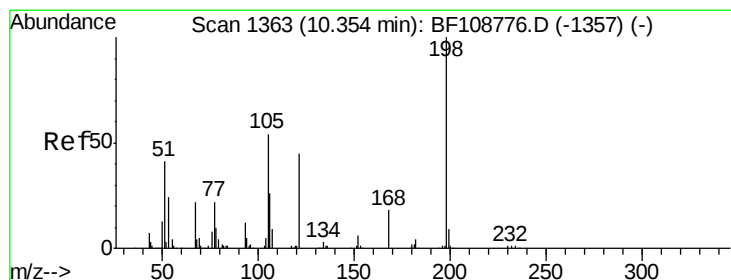
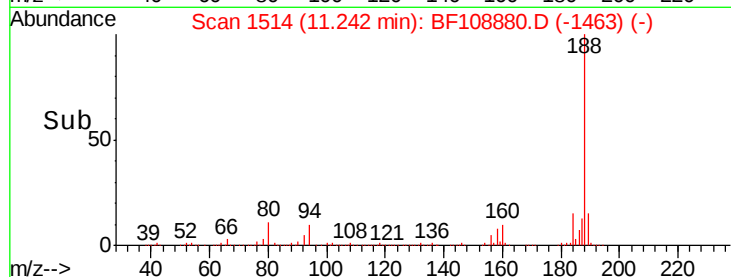
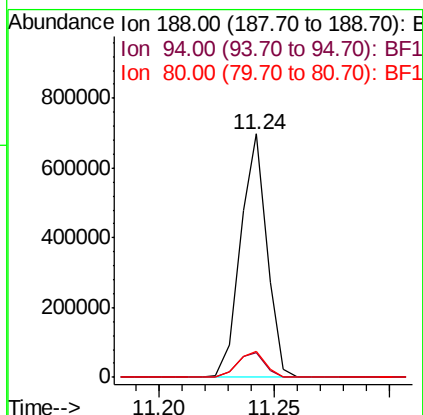
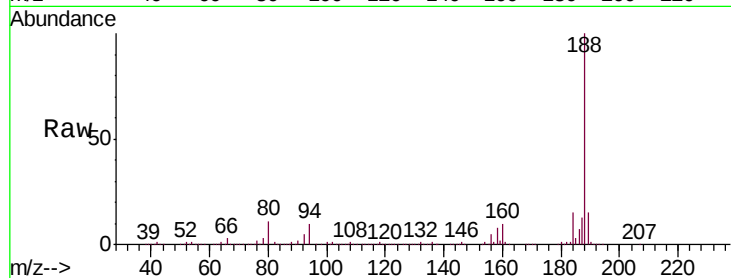




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1514
 Delta R.T. 0.00 min
 Lab File: BF108880.D
 Acq: 8 Sep 2018 00:30

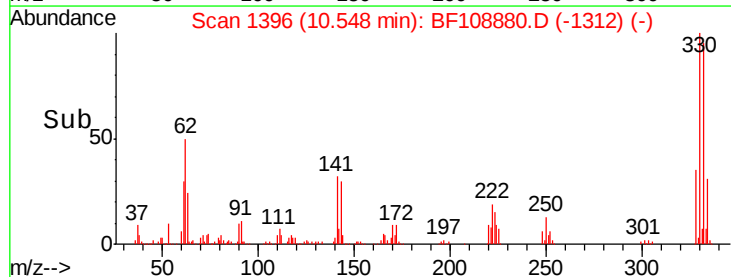
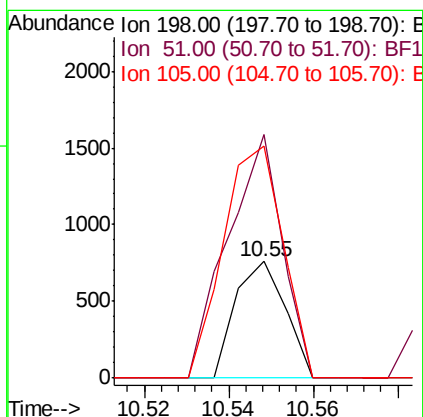
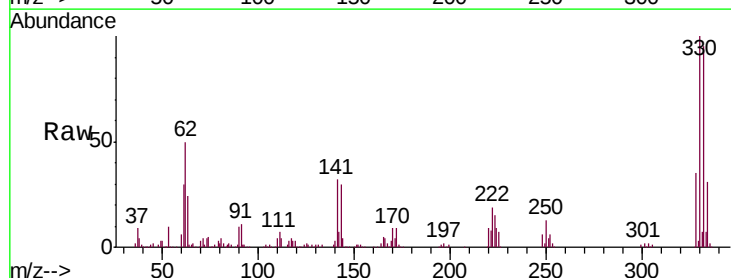
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 090518-SIDI-E-D-B

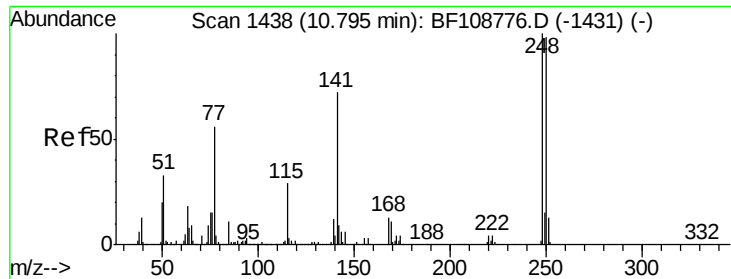
Tgt Ion:188 Resp: 556721
 Ion Ratio Lower Upper
 188 100
 94 10.2 8.5 12.7
 80 10.6 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.113 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. 0.19 min
 Lab File: BF108880.D
 Acq: 8 Sep 2018 00:30

Tgt Ion:198 Resp: 624
 Ion Ratio Lower Upper
 198 100
 51 209.1 37.7 77.7#
 105 199.6 36.3 76.3#

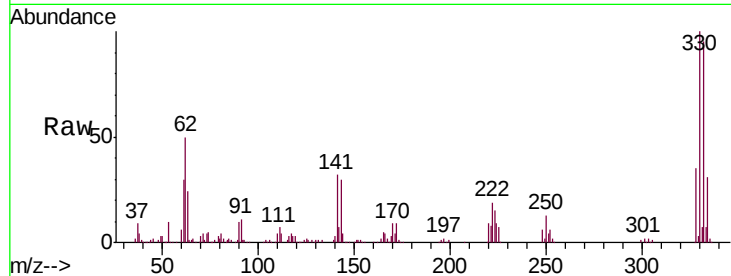




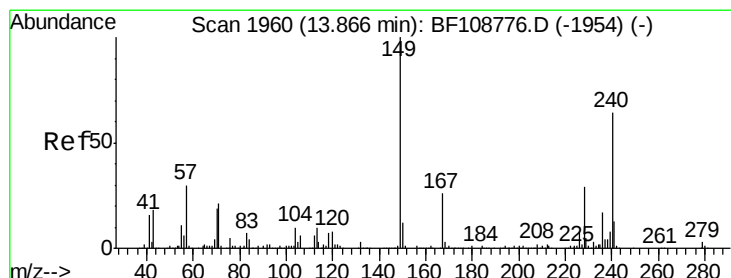
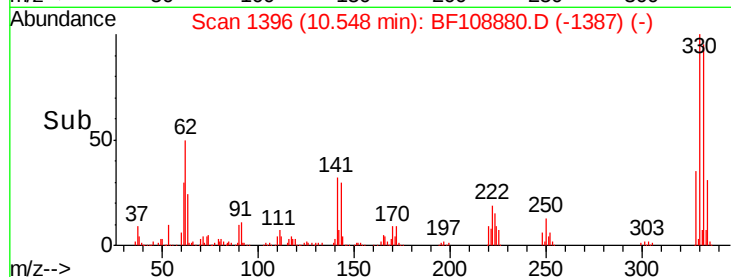
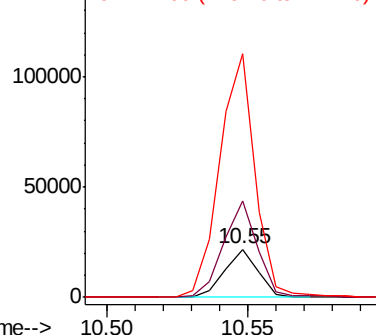
#66
4-Bromophenyl-phenylether
Concen: 2.883 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.25 min
Lab File: BF108880.D
Acq: 8 Sep 2018 00:30

Instrument :
BNA_F
ClientSampleId :
090518-SIDI-E-D-B

Tgt Ion:248 Resp: 18130
Ion Ratio Lower Upper
248 100
250 200.7 76.9 115.3#
141 504.8 74.4 111.6#

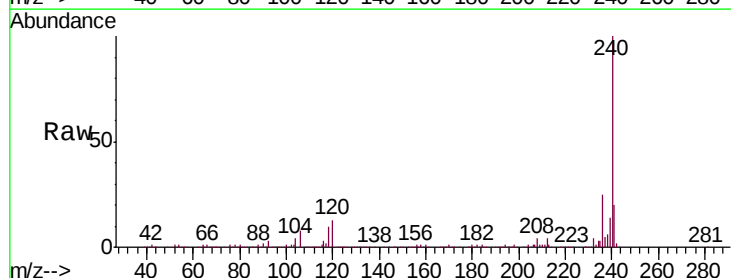


Abundance Ion 248.00 (247.70 to 248.70): E
150000 Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

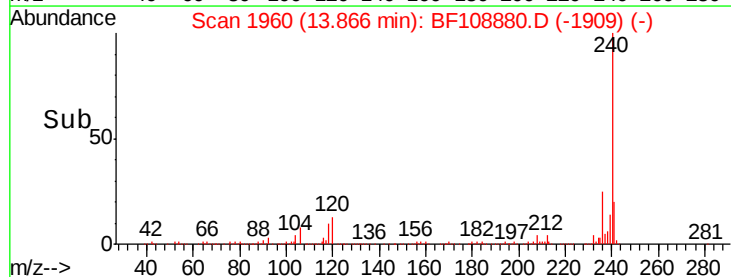
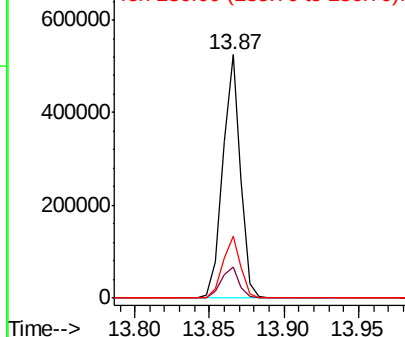


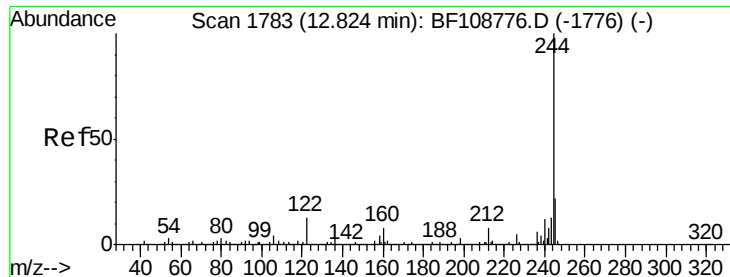
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 1960
Delta R.T. 0.00 min
Lab File: BF108880.D
Acq: 8 Sep 2018 00:30

Tgt Ion:240 Resp: 437608
Ion Ratio Lower Upper
240 100
120 12.6 9.5 14.3
236 25.2 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
600000 Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

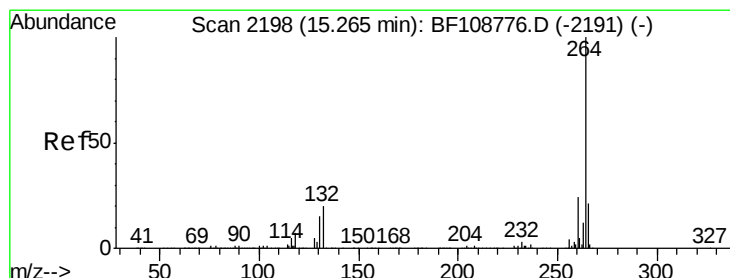
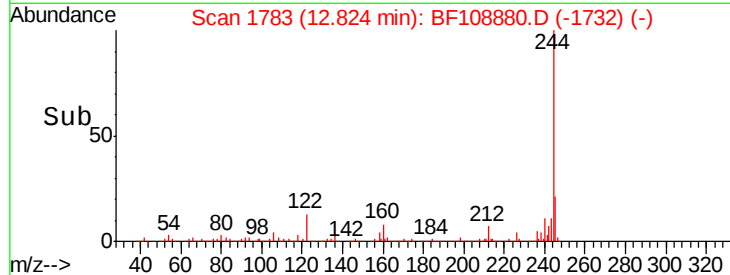
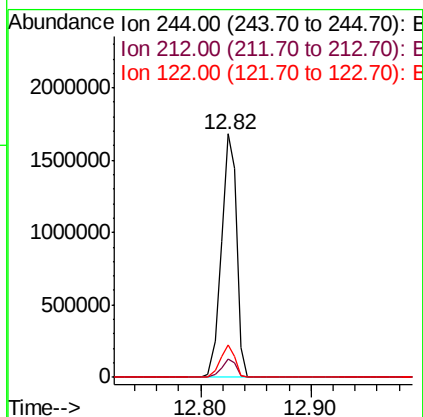
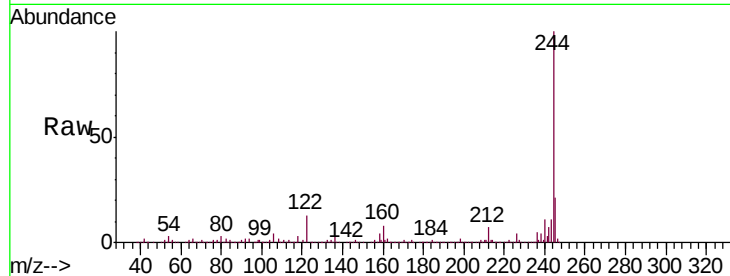




#78
 Terphenyl-d14
 Concen: 85.902 ng
 RT: 12.82 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: BF108880.D
 Acq: 8 Sep 2018 00:30

Instrument :
 BNA_F
 ClientSampleId :
 090518-SIDI-E-D-B

Tgt Ion:244 Resp: 1612055
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.0
 122 13.1 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2199
 Delta R.T. 0.01 min
 Lab File: BF108880.D
 Acq: 8 Sep 2018 00:30

Tgt Ion:264 Resp: 475093
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.6 17.5 26.3

