

Data File : BF108883.D
Acq On : 8 Sep 2018 1:51
Operator : JU/SJ
Sample : J4811-10
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
090518-SIDI-E-U-S

Quant Time: Sep 08 03:10:58 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	219855	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	775574	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	342762	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	521919	20.00	ng	0.00
75) Chrysene-d12	13.87	240	462296	20.00	ng	0.00
86) Perylene-d12	15.27	264	510985	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	636986	48.00	ng	0.00
7) Phenol-d6	6.36	99	519325	30.41	ng	0.00
23) Nitrobenzene-d5	7.30	82	1450977	117.08	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	298384	91.19	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	2213481	110.17	ng	0.00
78) Terphenyl-d14	12.82	244	1608541	81.14	ng	0.00

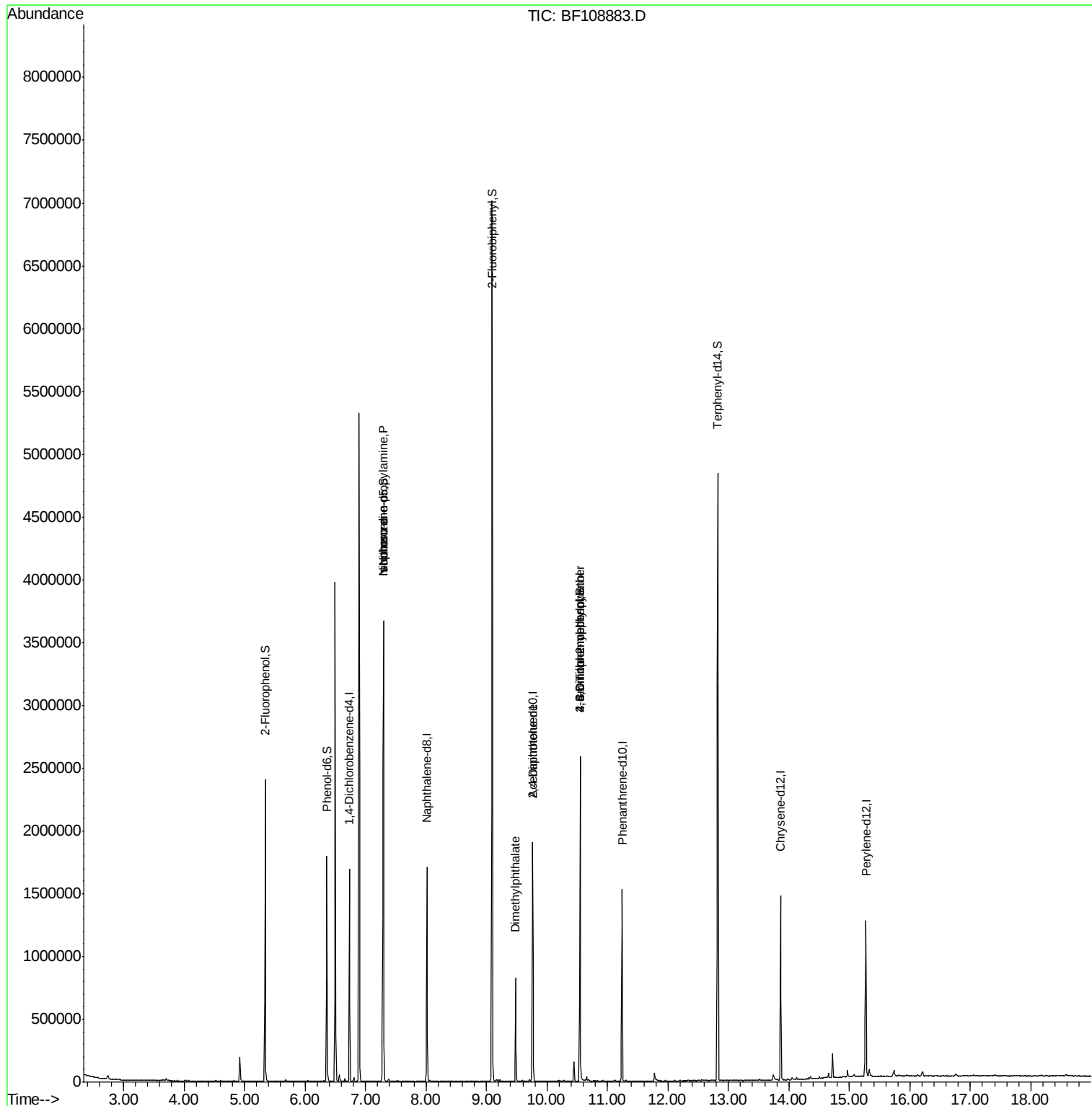
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.30	70	196710	16.573	ng	# 79
25) Isophorone	7.30	82	1440889	58.288	ng	# 64
49) Dimethylphthalate	9.48	163	295428	12.323	ng	# 98
56) 2,4-Dinitrotoluene	9.77	165	44468	7.612	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	477	7.068	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	18488	3.136	ng	# 1

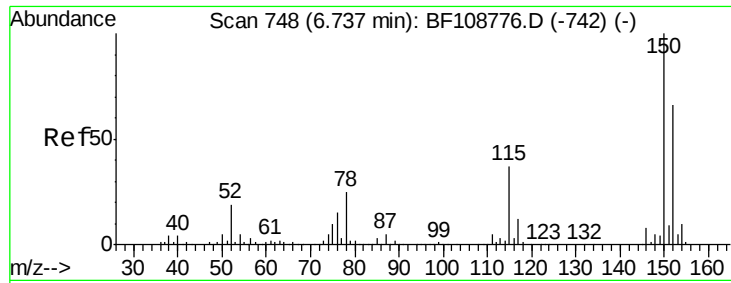
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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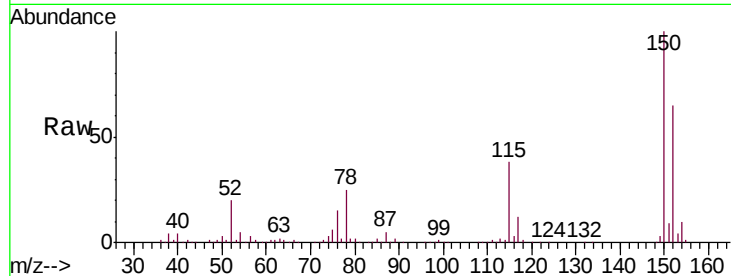




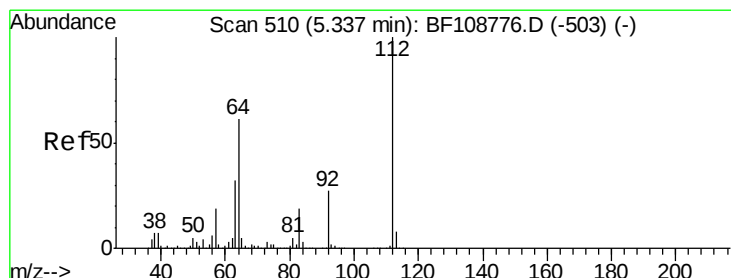
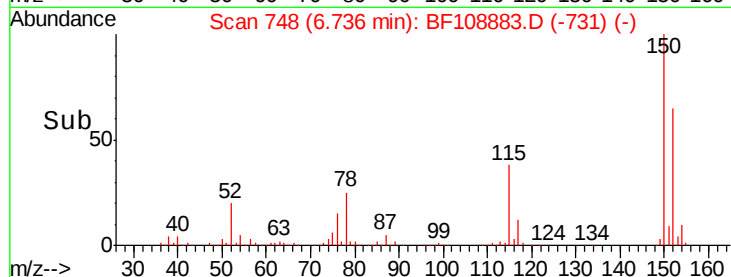
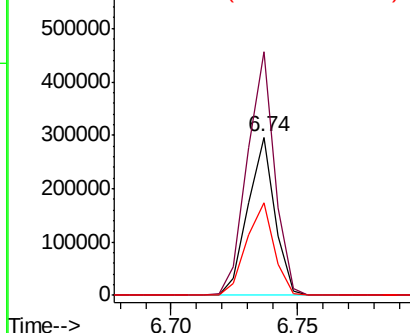
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.74 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF108883.D
 Acq: 8 Sep 2018 1:51

Instrument :
 BNA_F
 ClientSampleId :
 090518-SIDI-E-U-S

Tgt Ion:152 Resp: 219855
 Ion Ratio Lower Upper
 152 100
 150 154.1 124.6 186.8
 115 58.5 50.1 75.1

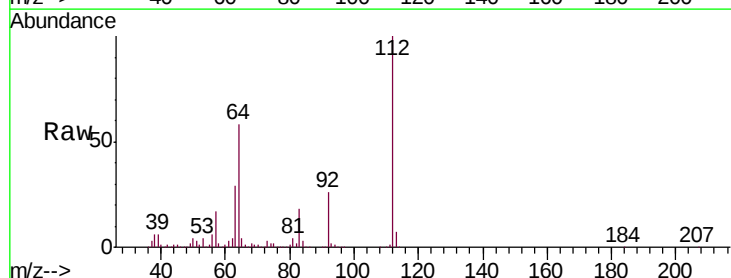


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

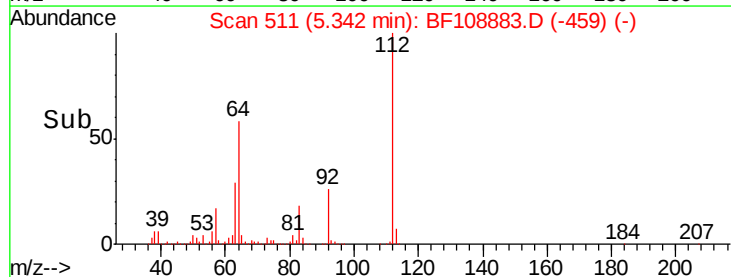
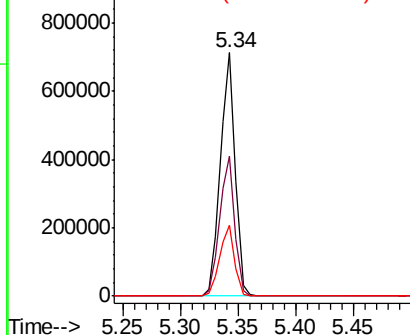


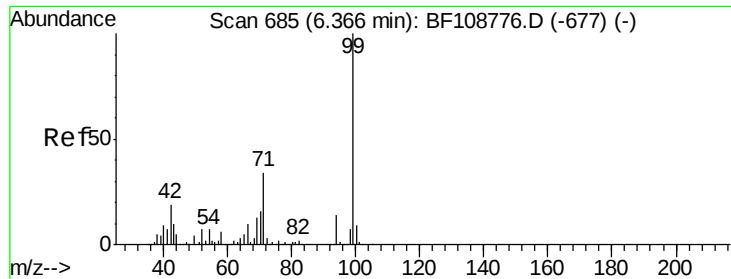
#5
 2-Fluorophenol
 Concen: 47.999 ng
 RT: 5.34 min Scan# 511
 Delta R.T. 0.01 min
 Lab File: BF108883.D
 Acq: 8 Sep 2018 1:51

Tgt Ion:112 Resp: 636986
 Ion Ratio Lower Upper
 112 100
 64 57.7 47.9 71.9
 63 29.1 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: 30.414 ng

RT: 6.36 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF108883.D

Acq: 8 Sep 2018 1:51

Instrument :

BNA_F

ClientSampleId :

090518-SIDI-E-U-S

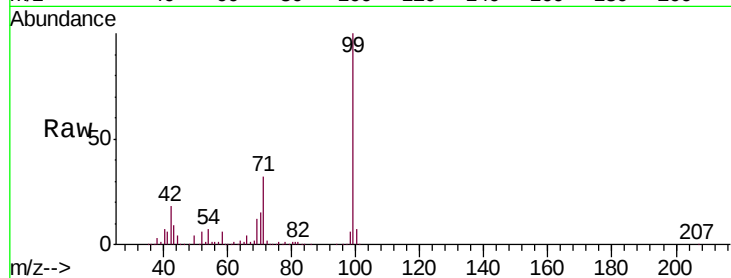
Tgt Ion: 99 Resp: 519325

Ion Ratio Lower Upper

99 100

42 18.0 14.5 21.7

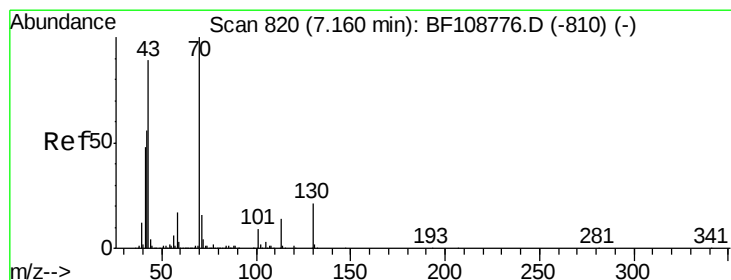
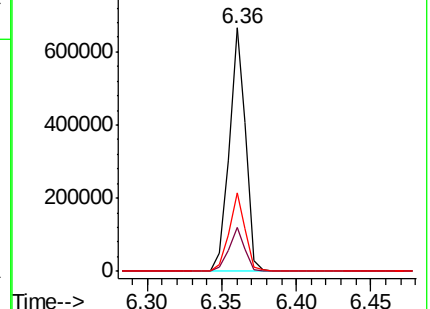
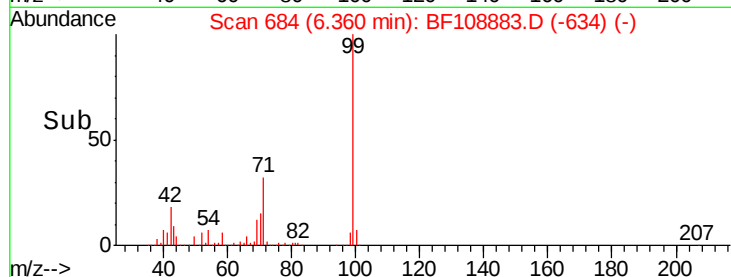
71 32.1 25.4 38.0



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: 16.573 ng

RT: 7.30 min Scan# 843

Delta R.T. 0.14 min

Lab File: BF108883.D

Acq: 8 Sep 2018 1:51

Tgt Ion: 70 Resp: 196710

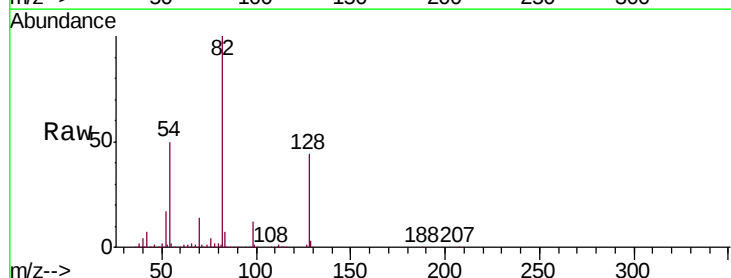
Ion Ratio Lower Upper

70 100

42 48.8 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

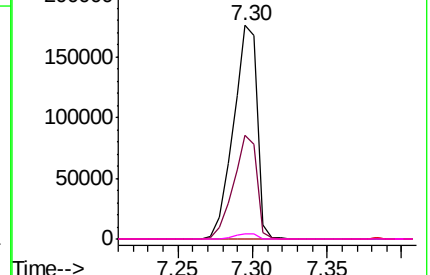
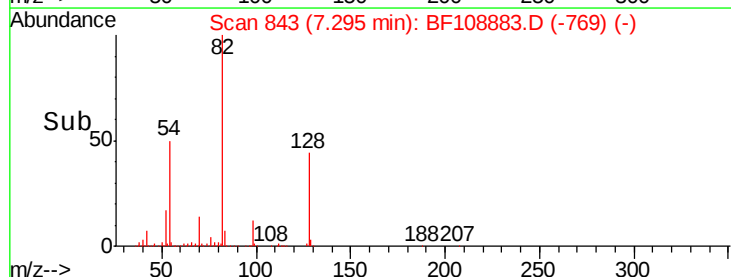


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

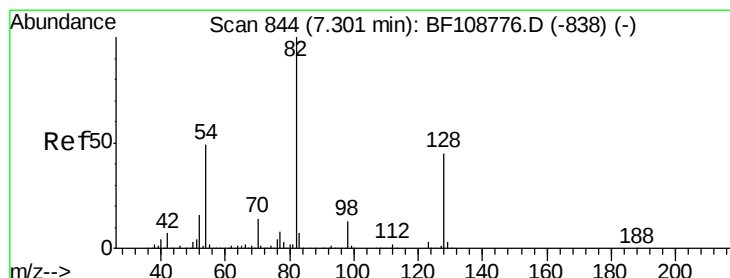
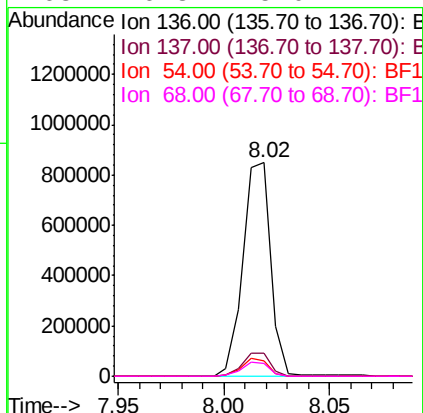
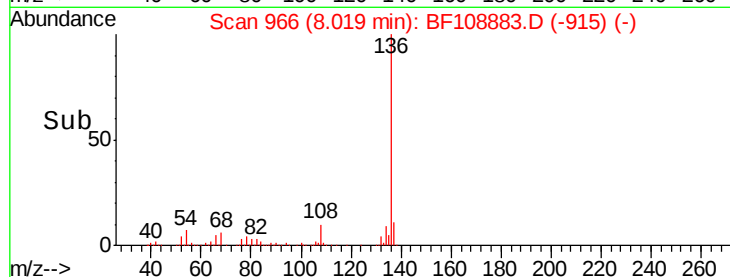
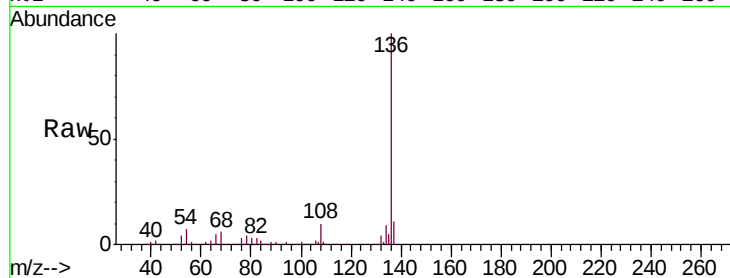




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108883.D
Acq: 8 Sep 2018 1:51

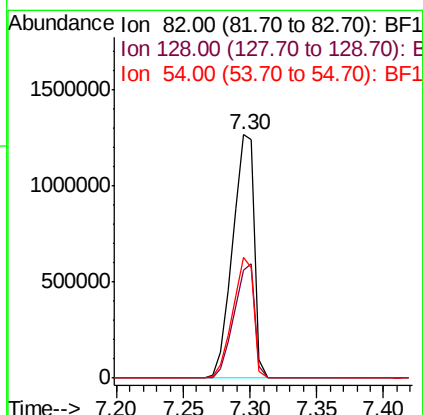
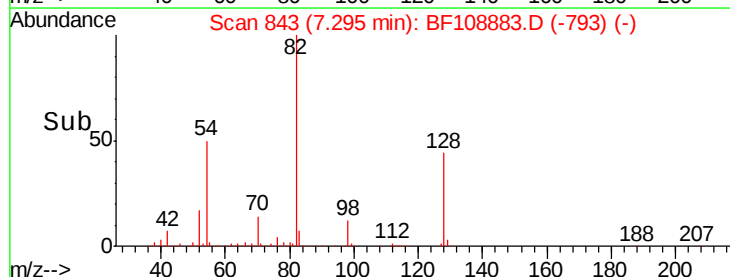
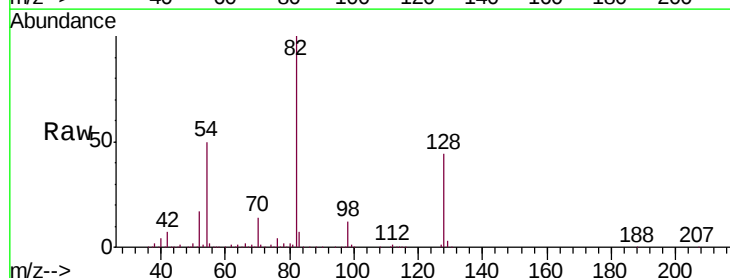
Instrument :
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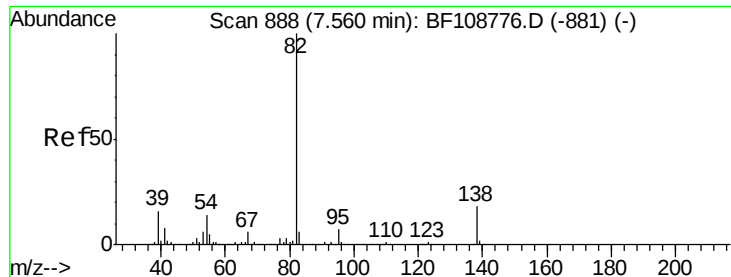
Tgt Ion:	136	Resp:	775574
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.3	6.6	9.8
68	6.3	5.0	7.4



#23
Nitrobenzene-d5
Concen: 117.079 ng
RT: 7.30 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF108883.D
Acq: 8 Sep 2018 1:51

Tgt Ion:	82	Resp:	1450977
Ion	Ratio	Lower	Upper
82	100		
128	44.3	36.1	54.1
54	49.6	41.4	62.2

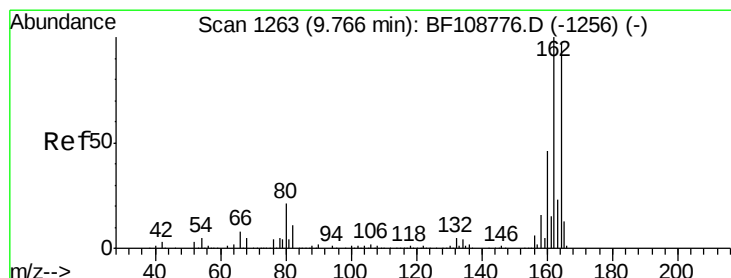
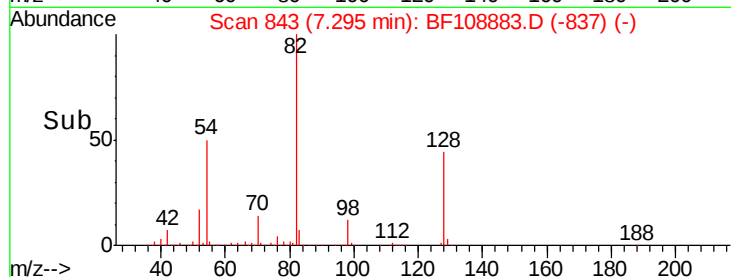
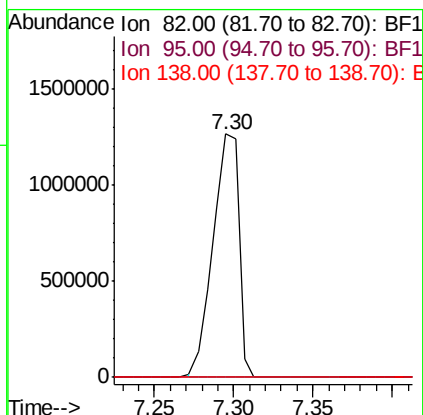
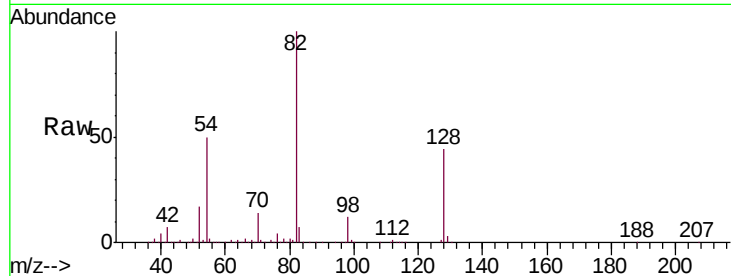




#25
Isophorone
Concen: 58.288 ng
RT: 7.30 min Scan# 843
Delta R.T. -0.26 min
Lab File: BF108883.D
Acq: 8 Sep 2018 1:51

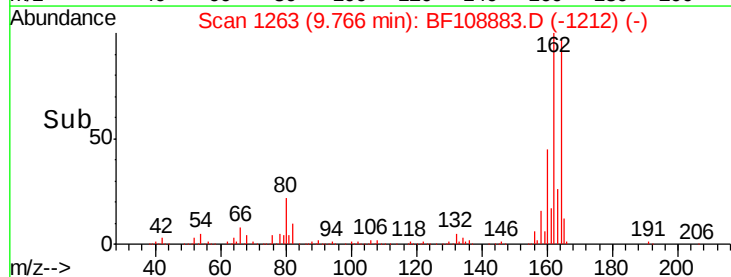
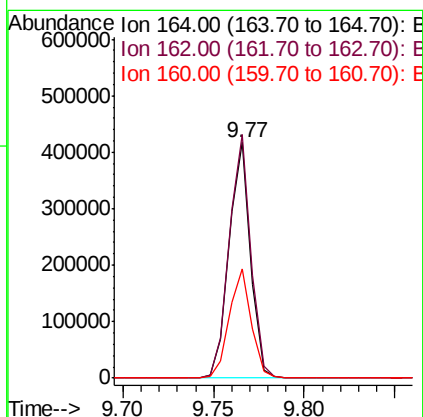
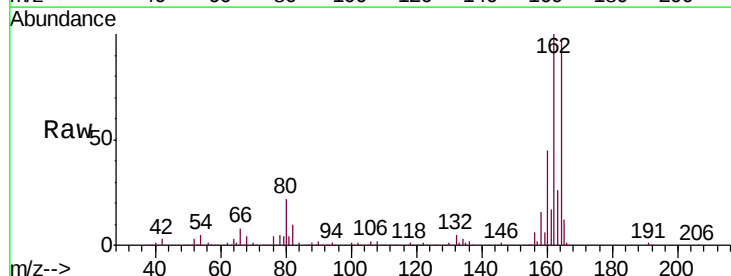
Instrument :
BNA_F
ClientSampleId :
090518-SIDI-E-U-S

Tgt Ion: 82 Resp: 1440889
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: BF108883.D
Acq: 8 Sep 2018 1:51

Tgt Ion: 164 Resp: 342762
Ion Ratio Lower Upper
164 100
162 103.3 86.1 129.1
160 46.5 38.3 57.5

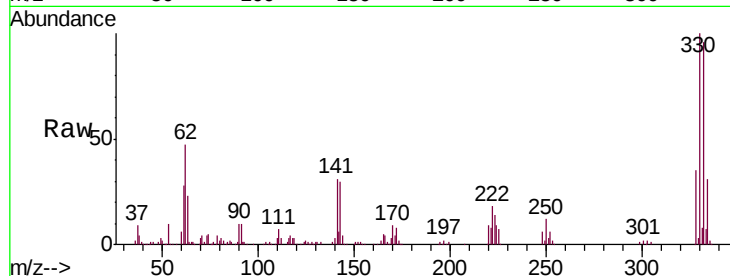




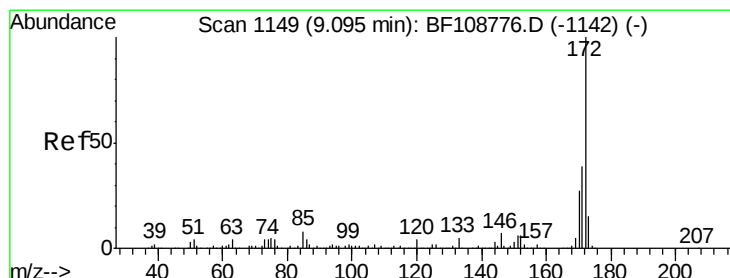
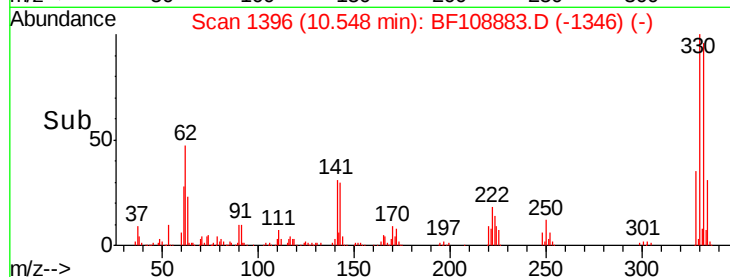
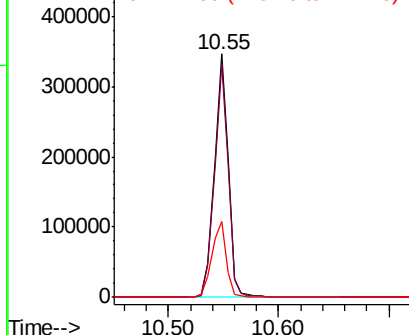
#41
 2,4,6-Tribromophenol
 Concen: 91.188 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF108883.D
 Acq: 8 Sep 2018 1:51

Instrument :
 BNA_F
 ClientSampleId :
 090518-SIDI-E-U-S

Tgt Ion:330 Resp: 298384
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 32.3 29.9 44.9

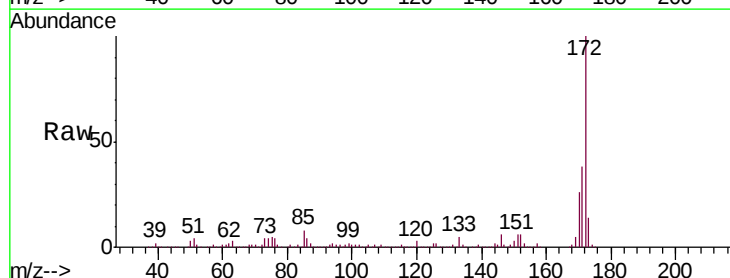


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

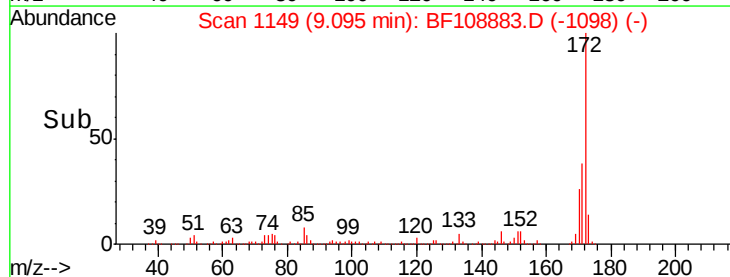
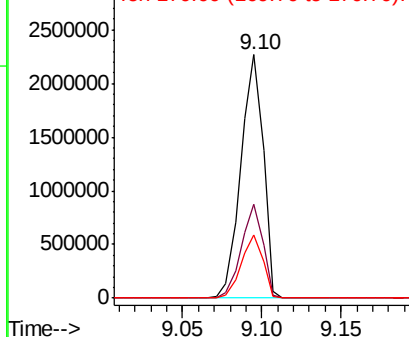


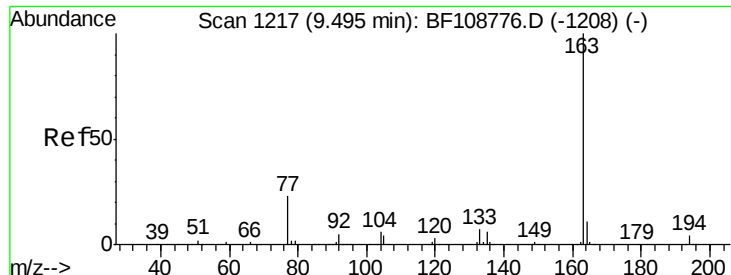
#44
 2-Fluorobiphenyl
 Concen: 110.169 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF108883.D
 Acq: 8 Sep 2018 1:51

Tgt Ion:172 Resp: 2213481
 Ion Ratio Lower Upper
 172 100
 171 38.4 29.7 44.5
 170 26.2 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

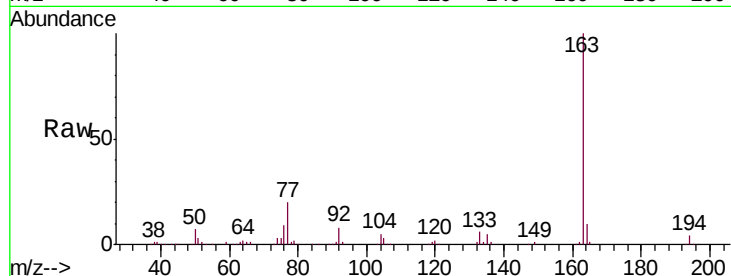




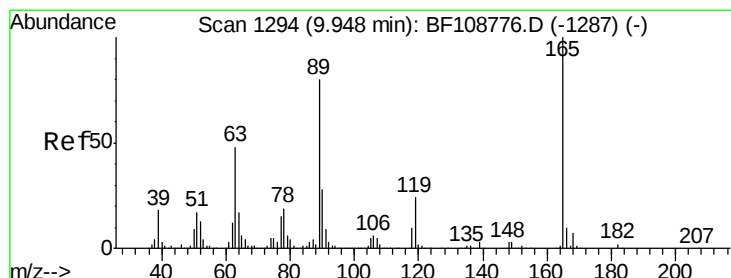
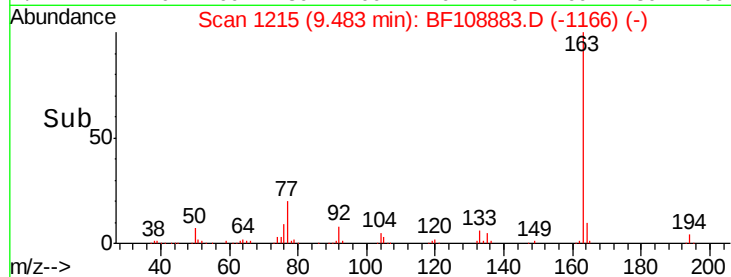
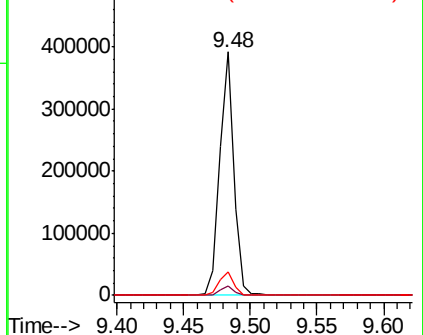
#49
Dimethylphthalate
Concen: 12.323 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108883.D
Acq: 8 Sep 2018 1:51

Instrument :
BNA_F
ClientSampleId :
090518-SIDI-E-U-S

Tgt Ion:163 Resp: 295428
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 9.5 8.2 12.2

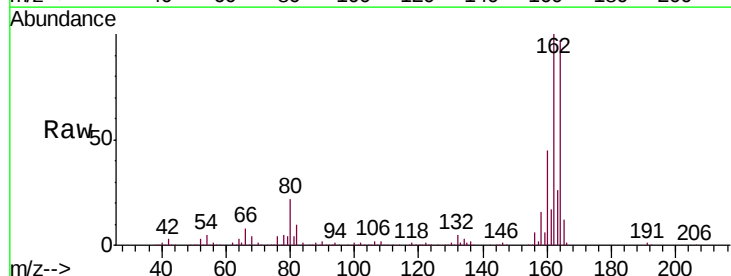


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

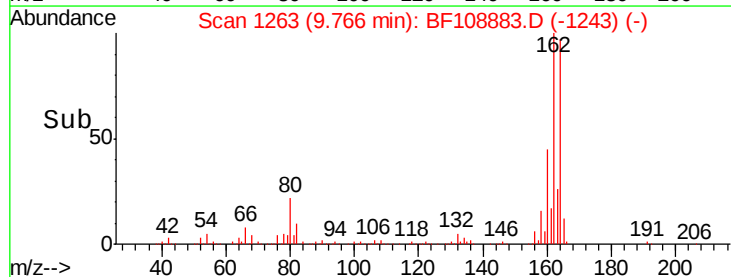
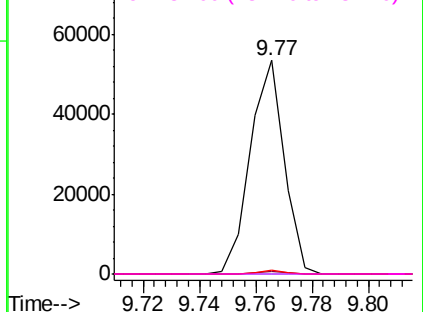


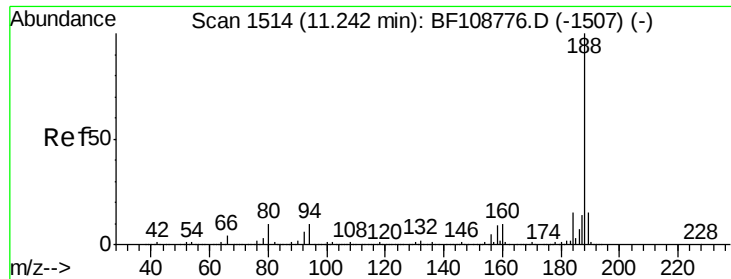
#56
2,4-Dinitrotoluene
Concen: 7.612 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.18 min
Lab File: BF108883.D
Acq: 8 Sep 2018 1:51

Tgt Ion:165 Resp: 44468
Ion Ratio Lower Upper
165 100
63 1.2 36.4 54.6#
89 1.8 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: BF108883.D

Acq: 8 Sep 2018 1:51

Instrument :

BNA_F

ClientSampleId :

090518-SIDI-E-U-S

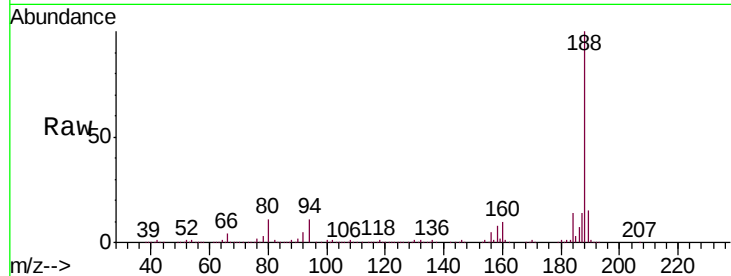
Tgt Ion:188 Resp: 521919

Ion Ratio Lower Upper

188 100

94 10.5 8.5 12.7

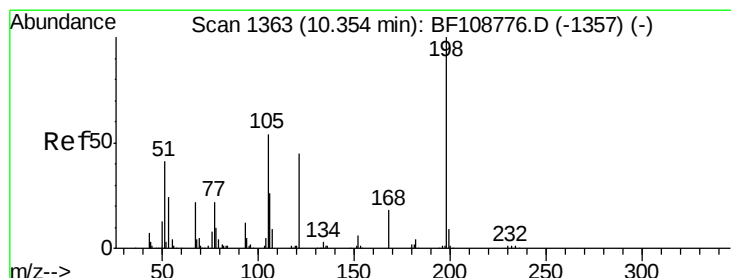
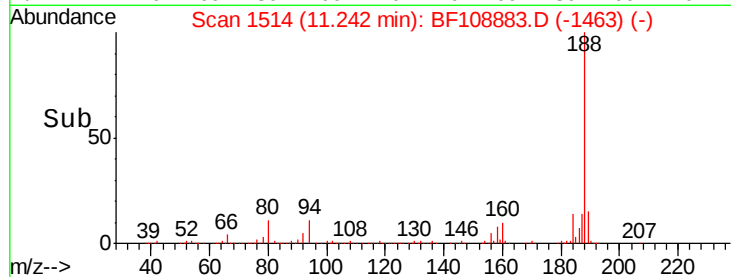
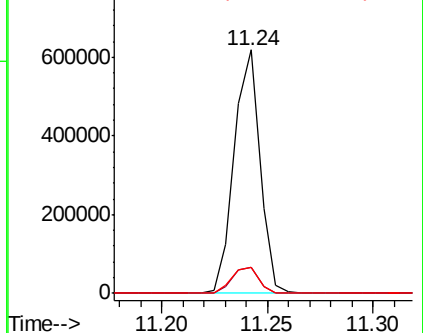
80 10.8 9.2 13.8



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: 7.068 ng

RT: 10.55 min Scan# 1396

Delta R.T. 0.19 min

Lab File: BF108883.D

Acq: 8 Sep 2018 1:51

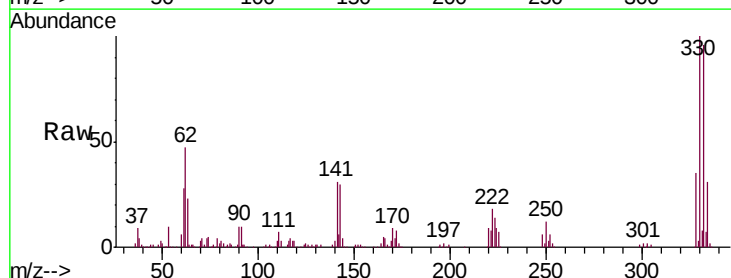
Tgt Ion:198 Resp: 477

Ion Ratio Lower Upper

198 100

51 160.5 37.7 77.7#

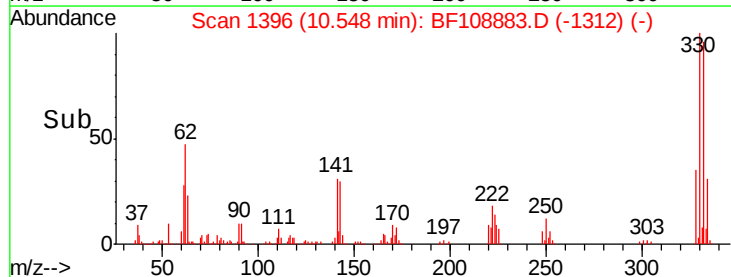
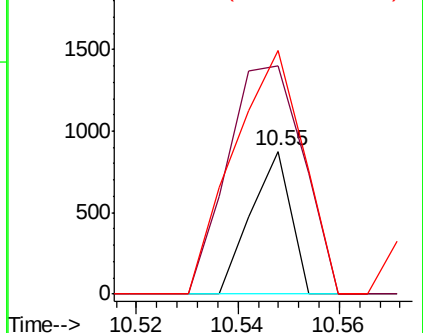
105 170.7 36.3 76.3#

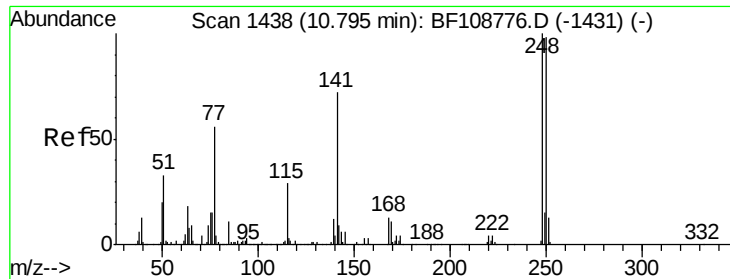


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

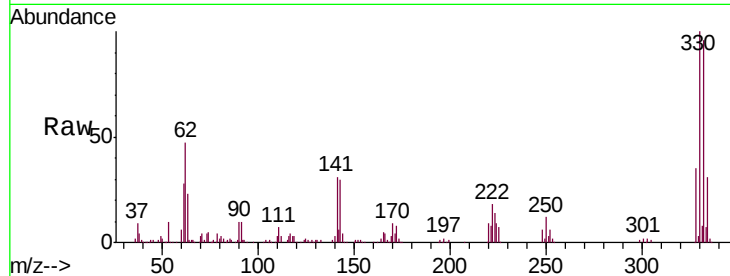




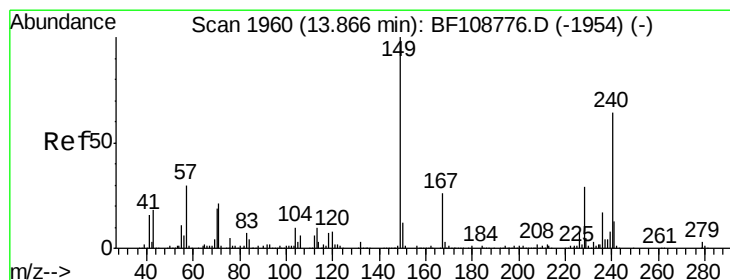
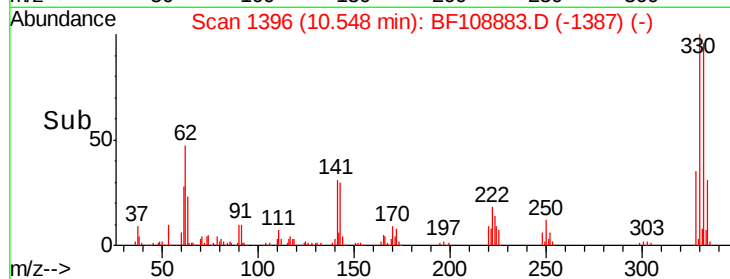
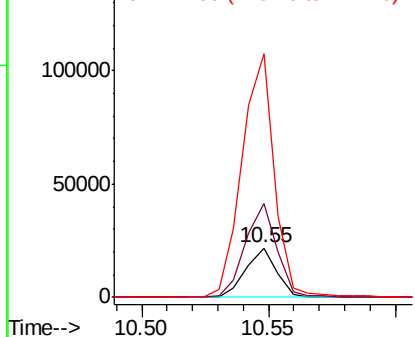
#66
4-Bromophenyl-phenylether
Concen: 3.136 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.25 min
Lab File: BF108883.D
Acq: 8 Sep 2018 1:51

Instrument :
BNA_F
ClientSampleId :
090518-SIDI-E-U-S

Tgt Ion:248 Resp: 18488
Ion Ratio Lower Upper
248 100
250 190.5 76.9 115.3#
141 494.6 74.4 111.6#

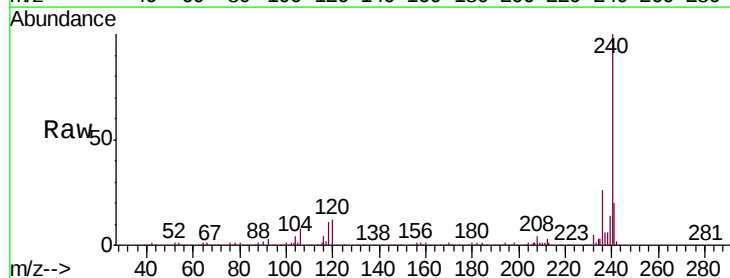


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

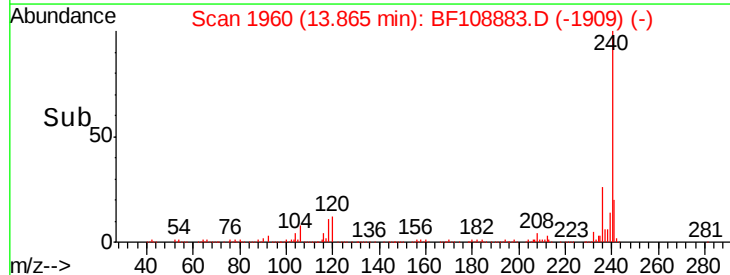
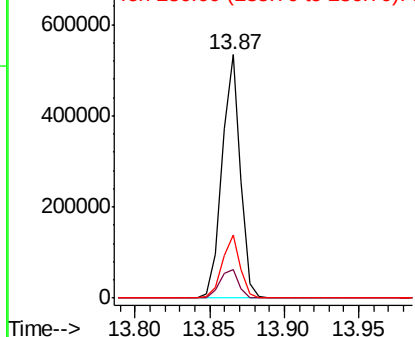


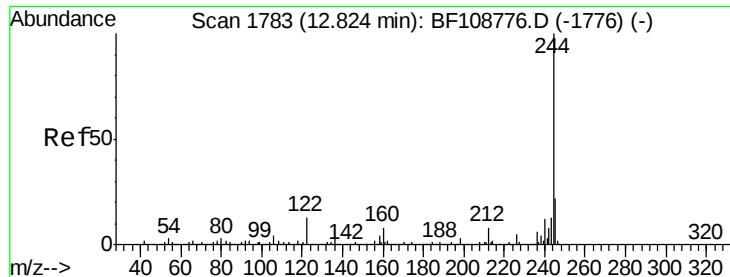
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BF108883.D
Acq: 8 Sep 2018 1:51

Tgt Ion:240 Resp: 462296
Ion Ratio Lower Upper
240 100
120 11.8 9.5 14.3
236 25.7 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: 81.138 ng

RT: 12.82 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF108883.D

Acq: 8 Sep 2018 1:51

Instrument :

BNA_F

ClientSampleId :

090518-SIDI-E-U-S

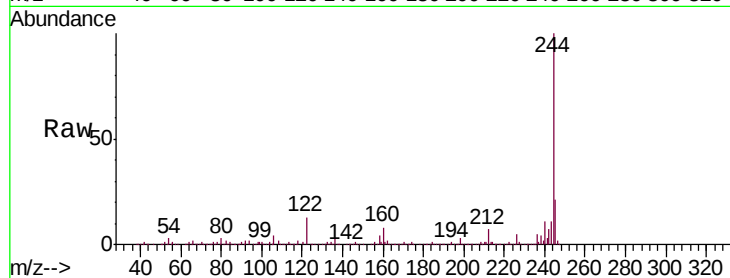
Tgt Ion:244 Resp: 1608541

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

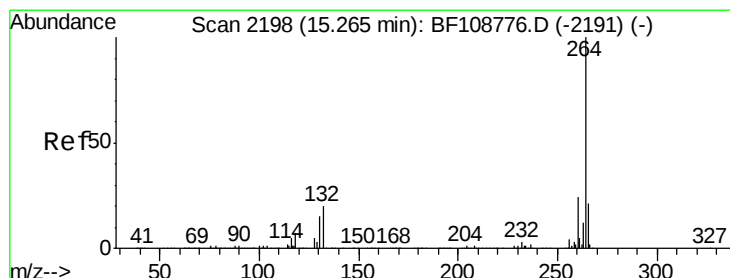
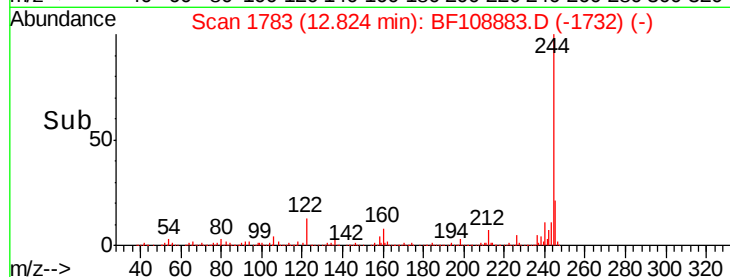
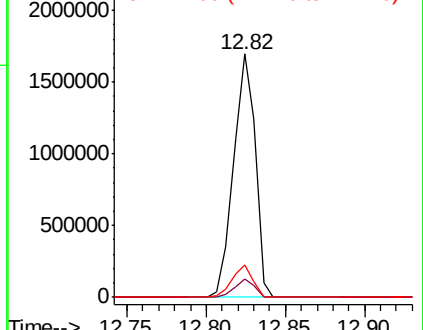
122 13.1 11.0 16.4



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: 15.27 min Scan# 2199

Delta R.T. 0.01 min

Lab File: BF108883.D

Acq: 8 Sep 2018 1:51

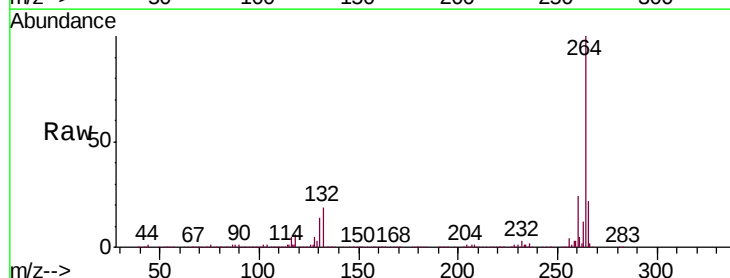
Tgt Ion:264 Resp: 510985

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.6 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

