

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111318\
 Data File : BF110746.D
 Acq On : 14 Nov 2018 4:09
 Operator : JU/SJ
 Sample : J5916-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 110918-SIDI-F-D-M

Quant Time: Nov 14 07:19:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

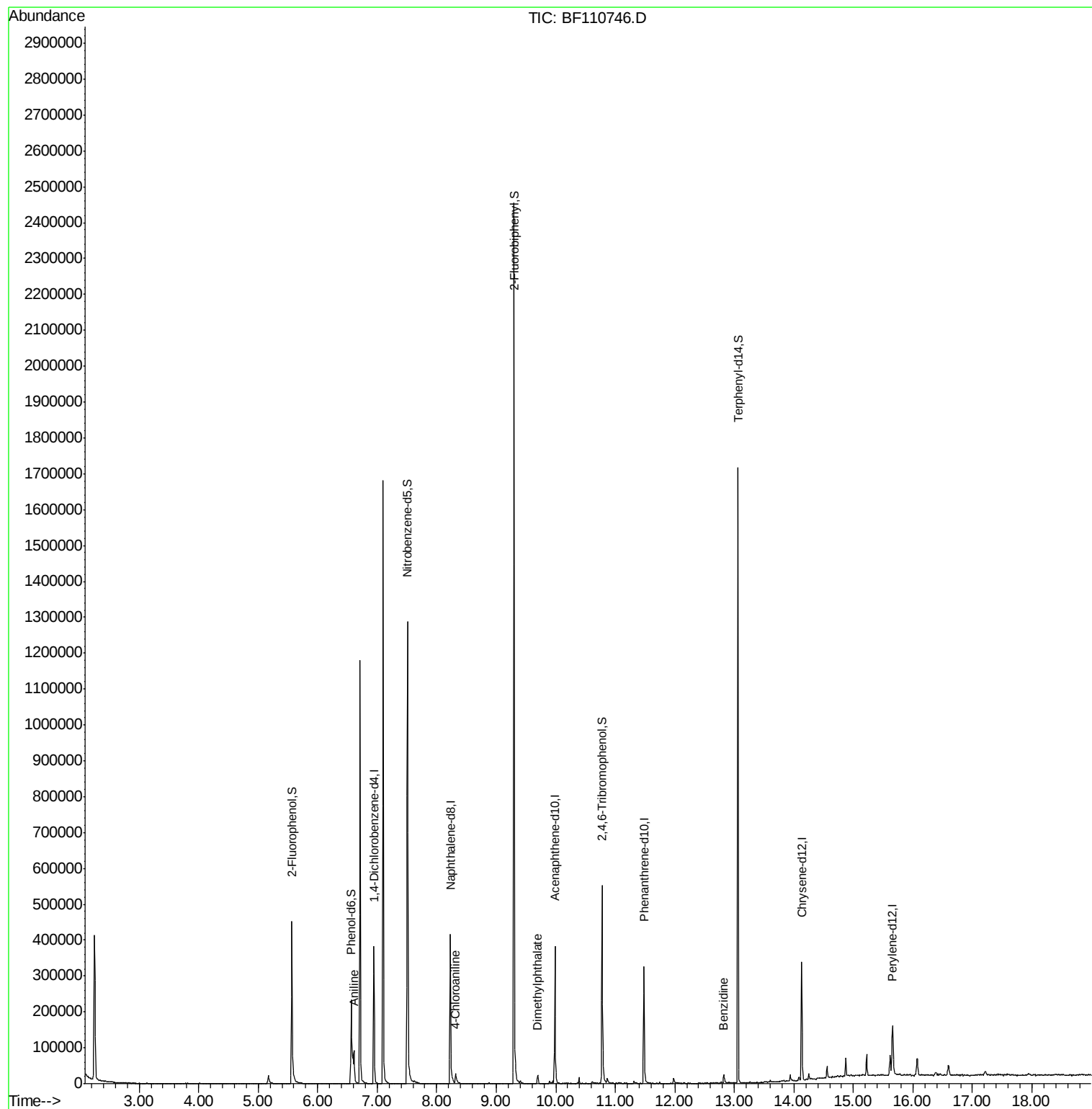
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	58970	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	228461	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	87564	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	145320	20.00	ng	0.00
76) Chrysene-d12	14.13	240	126798	20.00	ng	0.00
87) Perylene-d12	15.66	264	80908	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	151402	41.70	ng	0.00
7) Phenol-d6	6.57	99	111987	24.12	ng	0.00
23) Nitrobenzene-d5	7.51	82	429958	108.38	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	76870	87.12	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	747696	121.95	ng	0.00
79) Terphenyl-d14	13.06	244	568226	83.93	ng	0.00
Target Compounds						
6) Aniline	6.61	93	31147	5.145	ng	Qvalue # 53
33) 4-Chloroaniline	8.32	127	18972	3.905	ng	95
50) Dimethylphthalate	9.69	163	15215	2.329	ng	99
77) Benzidine	12.82	184	17821	5.111	ng	96

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

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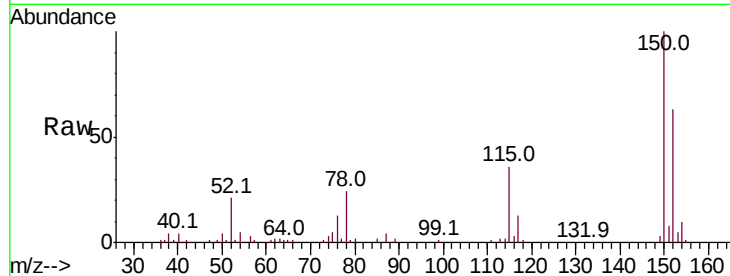


#1

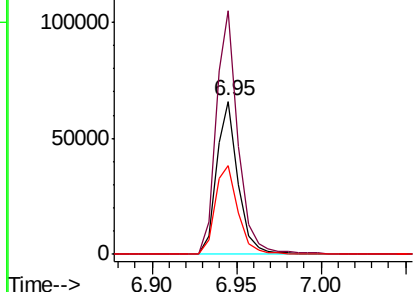
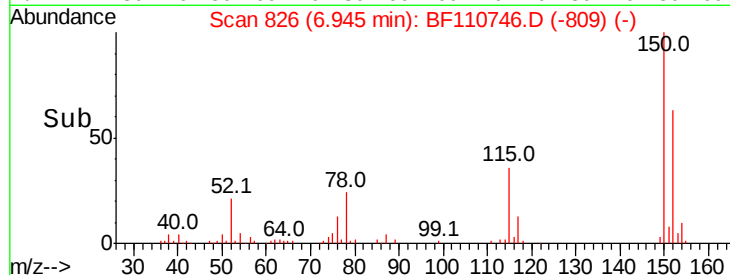
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF110746.D
Acq: 14 Nov 2018 4:09

Instrument :
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Tot Ion:152 Resp: 58970
Ion Ratio Lower Upper
152 100
150 159.0 122.7 184.1
115 57.7 49.1 73.7



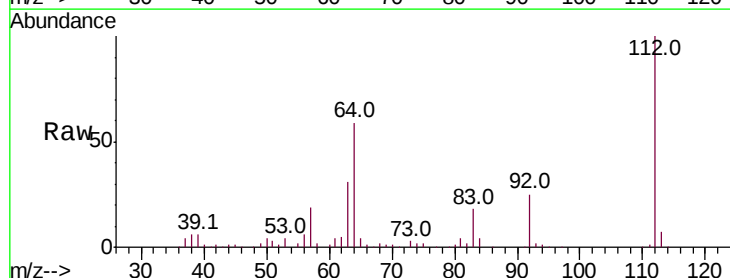
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



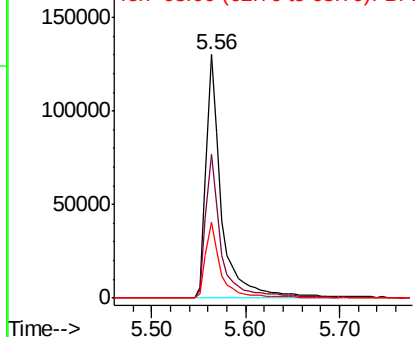
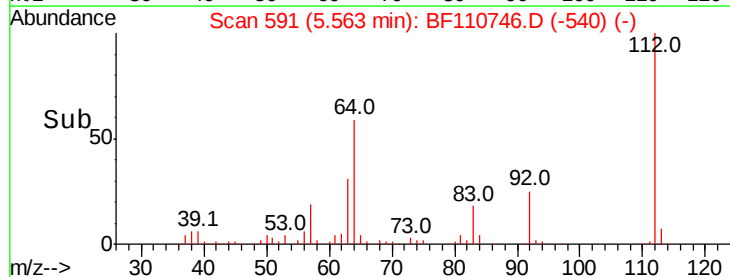
#5

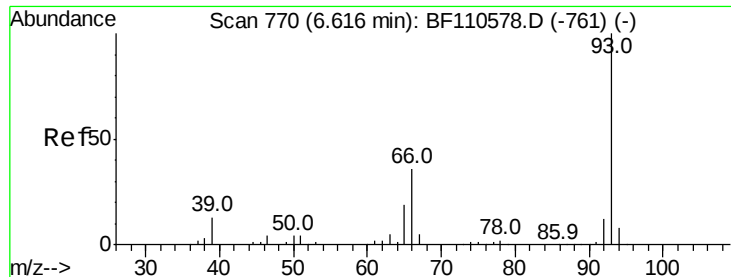
2-Fluorophenol
Concen: 41.703 ng
RT: 5.56 min Scan# 591
Delta R.T. -0.00 min
Lab File: BF110746.D
Acq: 14 Nov 2018 4:09

Tgt Ion:112 Resp: 151402
Ion Ratio Lower Upper
112 100
64 59.2 44.1 66.1
63 31.4 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





#6

Aniline

Concen: 5.145 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF110746.D

Acq: 14 Nov 2018 4:09

Instrument :

BNA_F

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110918-SIDI-F-D-M

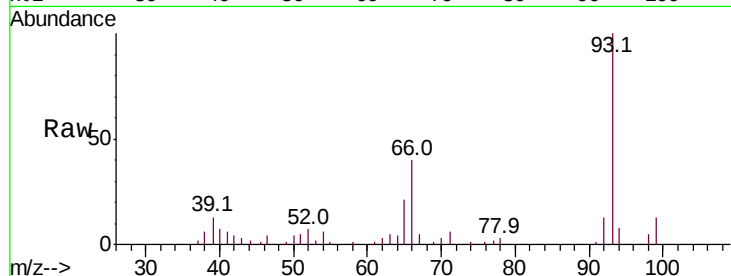
Tot Ion: 93 Resp: 31147

Ion Ratio Lower Upper

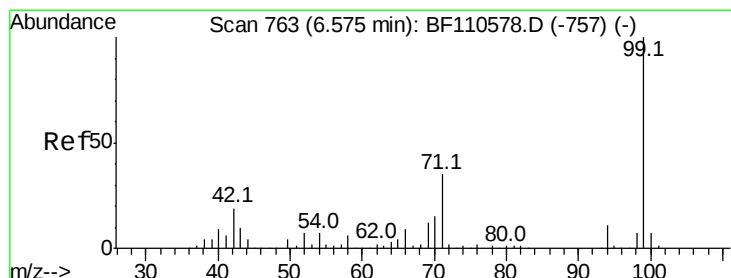
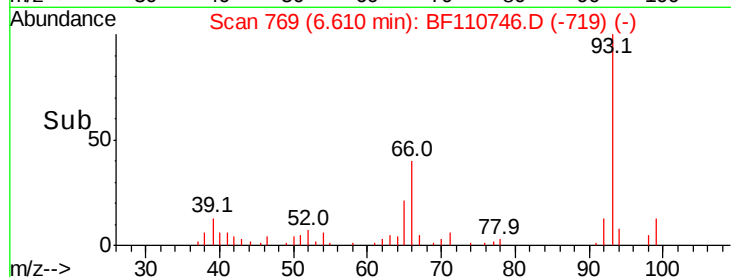
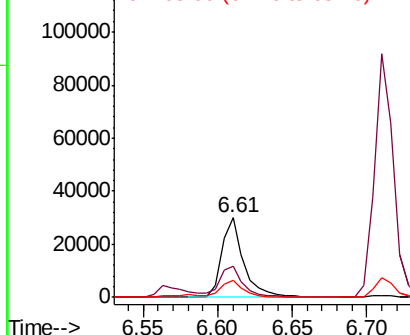
93 100

66 39.8 67.4 101.0#

65 21.1 41.0 61.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1



#7

Phenol-d6

Concen: 24.122 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110746.D

Acq: 14 Nov 2018 4:09

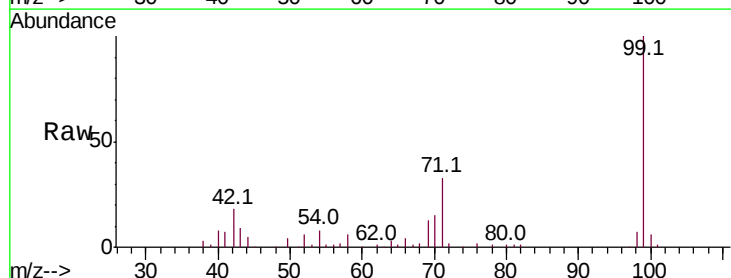
Tgt Ion: 99 Resp: 111987

Ion Ratio Lower Upper

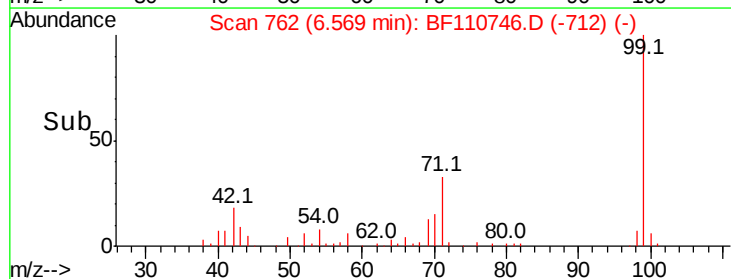
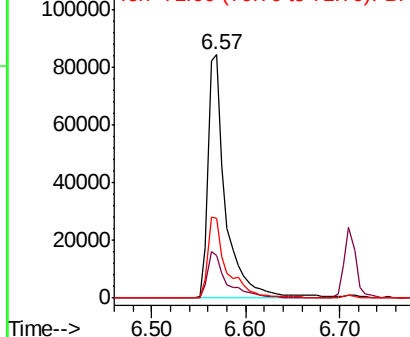
99 100

42 17.6 15.8 23.6

71 32.6 28.0 42.0



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

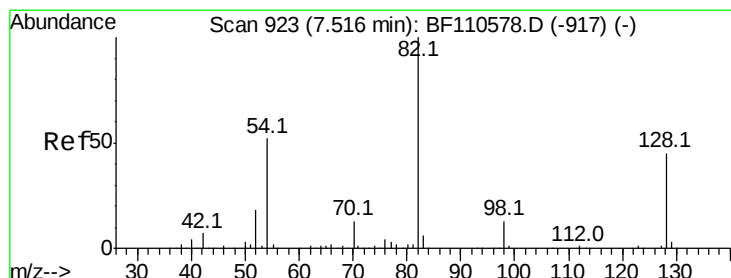
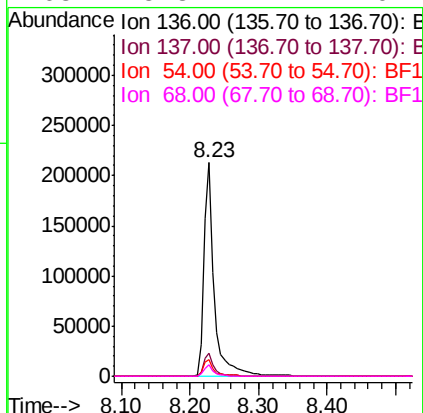
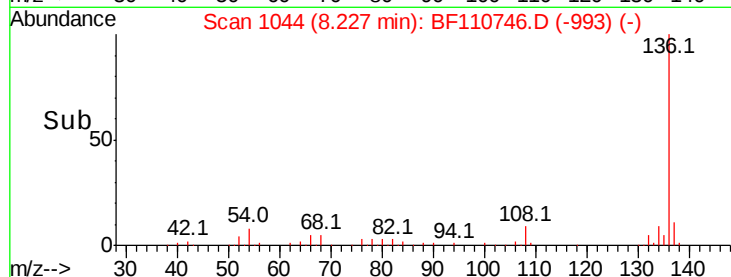
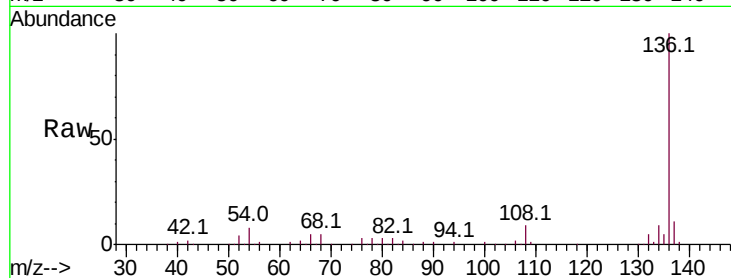




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF110746.D
Acq: 14 Nov 2018 4:09

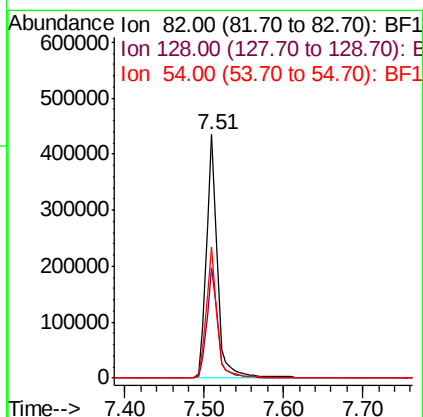
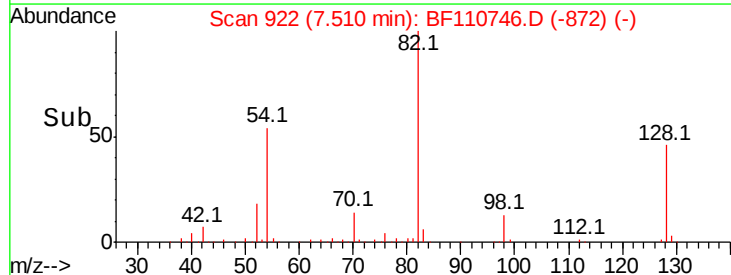
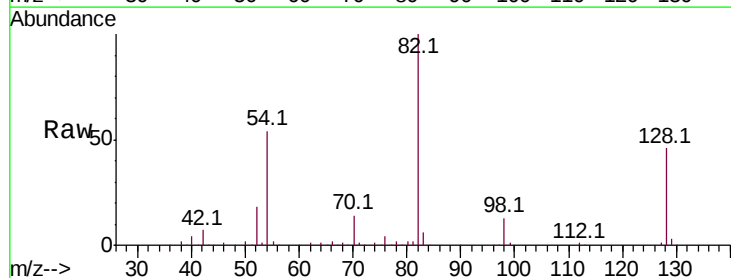
Instrument :
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110918-SIDI-F-D-M

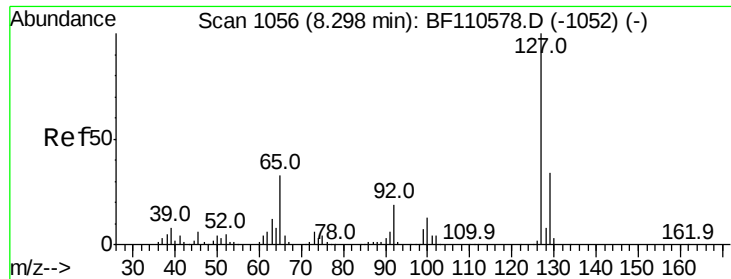
Tot Ion:	136	Resp:	228461
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	7.6	5.4	8.2
68	5.3	4.2	6.2



#23
Nitrobenzene-d5
Concen: 108.382 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110746.D
Acq: 14 Nov 2018 4:09

Tgt Ion:	82	Resp:	429958
Ion	Ratio	Lower	Upper
82	100		
128	45.5	34.2	51.2
54	53.7	38.6	58.0

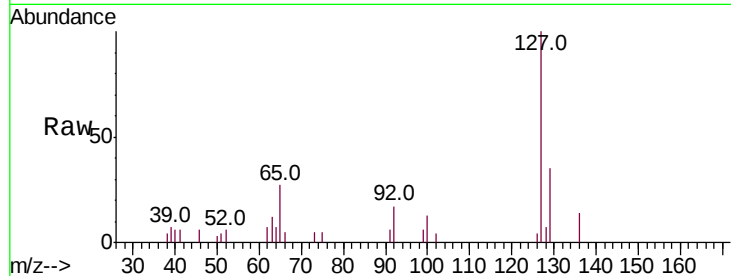




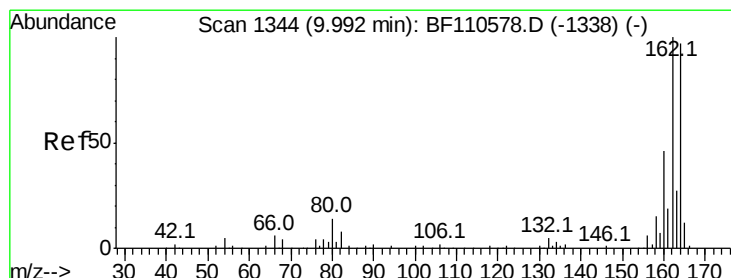
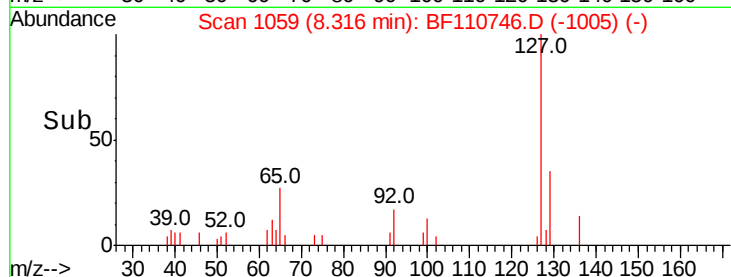
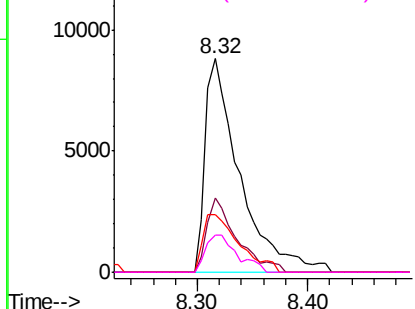
#33
4-Chloroaniline
Concen: 3.905 ng
RT: 8.32 min Scan# 1059
Delta R.T. 0.02 min
Lab File: BF110746.D
Acq: 14 Nov 2018 4:09

Instrument :
BNA_F
ClientSampleId :
110918-SIDI-F-D-M

Tot Ion:	127	Resp:	18972
Ion	Ratio	Lower	Upper
127	100		
129	34.7	26.0	39.0
65	27.0	25.1	37.7
92	17.4	15.0	22.6

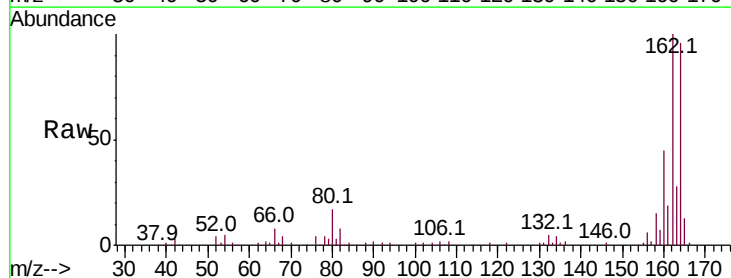


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

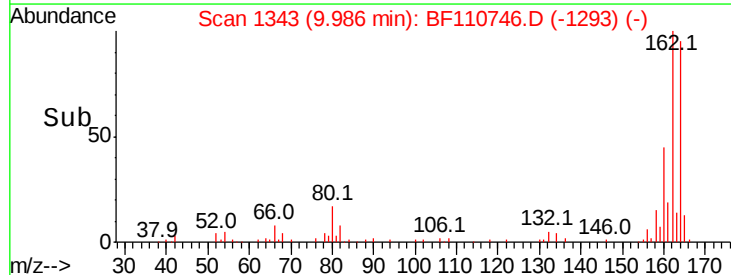
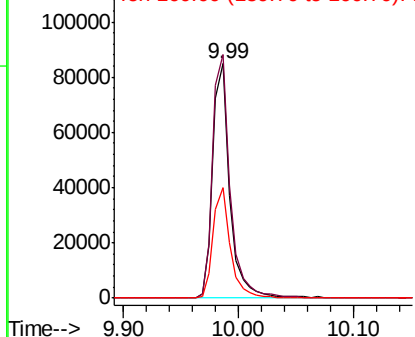


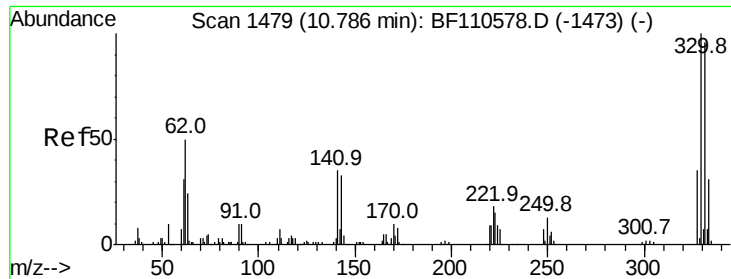
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110746.D
Acq: 14 Nov 2018 4:09

Tgt Ion:	164	Resp:	87564
Ion	Ratio	Lower	Upper
164	100		
162	104.0	83.0	124.6
160	47.2	37.0	55.6



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

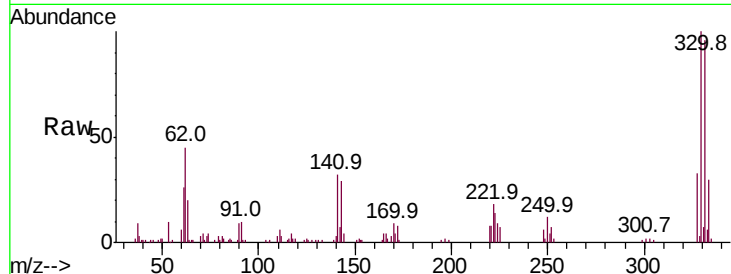




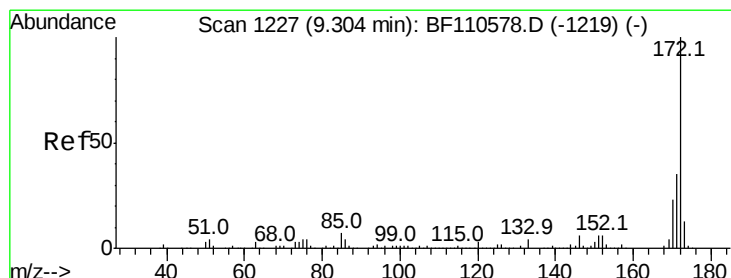
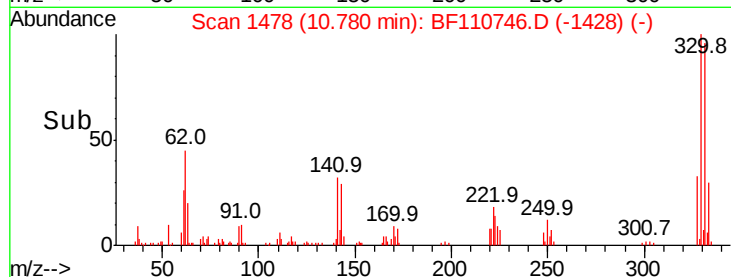
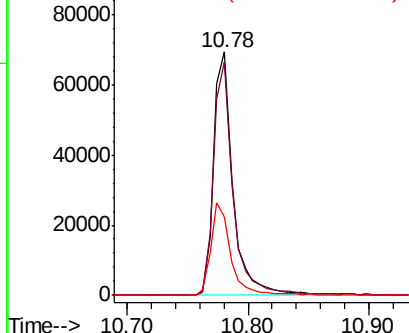
#42
 2,4,6-Tribromophenol
 Concen: 87.123 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF110746.D
 Acq: 14 Nov 2018 4:09

Instrument :
 BNA_F
 ClientSampleId :
 110918-SIDI-F-D-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.1	115.7
141	38.4	27.0	40.4

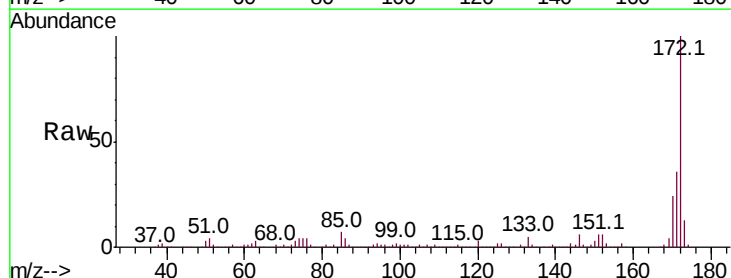


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

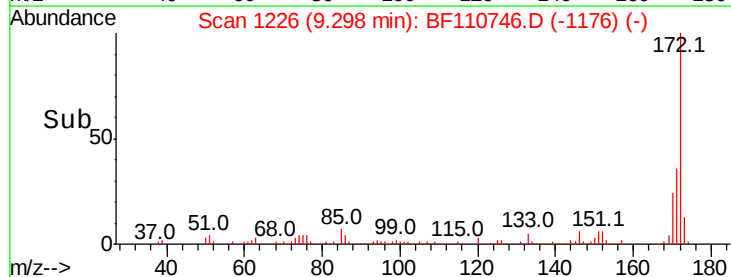
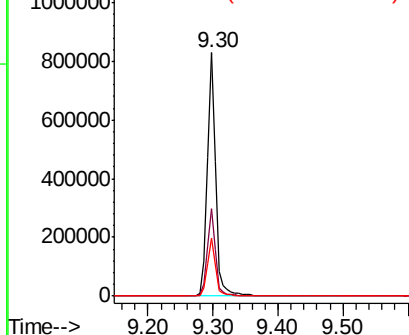


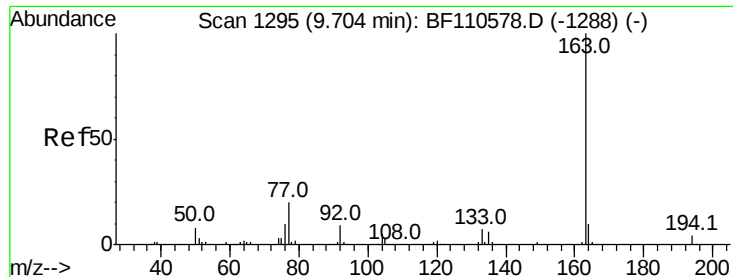
#45
 2-Fluorobiphenyl
 Concen: 121.950 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110746.D
 Acq: 14 Nov 2018 4:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	23.7	19.7	29.5



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





#50

Dimethylphthalate

Concen: 2.329 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF110746.D

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ClientSampleId :

110918-SIDI-F-D-M

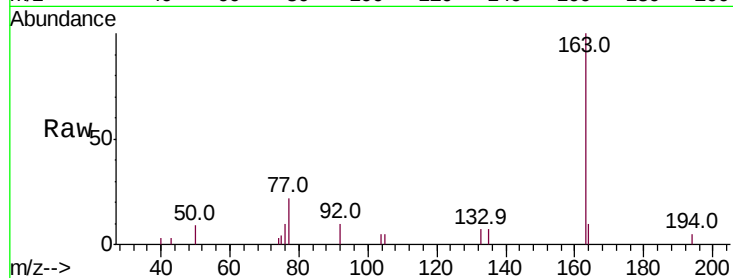
Tot Ion:163 Resp: 15215

Ion Ratio Lower Upper

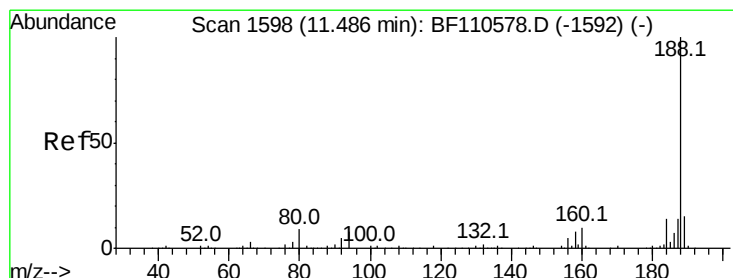
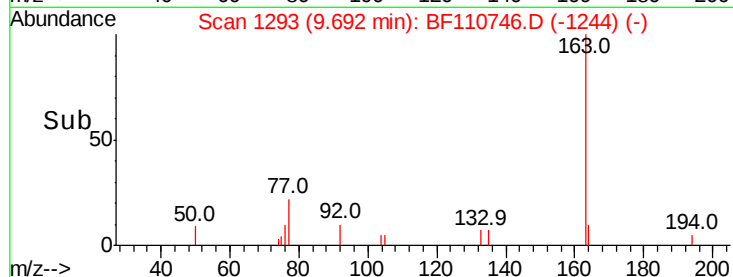
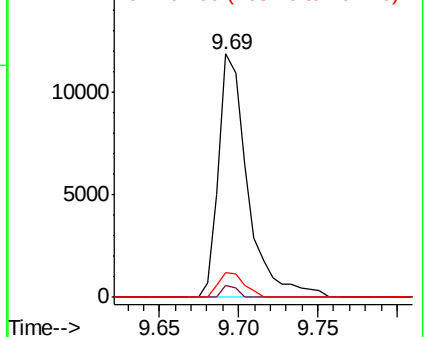
163 100

194 4.7 3.2 4.8

164 10.0 8.1 12.1



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF110746.D

Acq: 14 Nov 2018 4:09

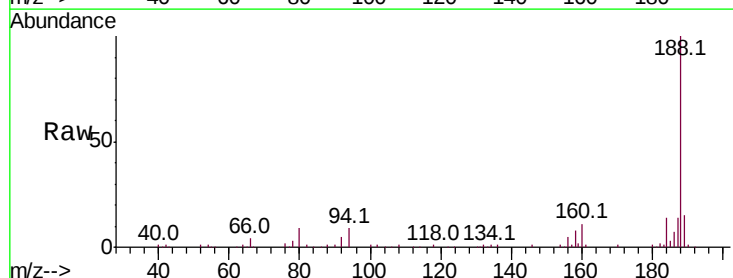
Tgt Ion:188 Resp: 145320

Ion Ratio Lower Upper

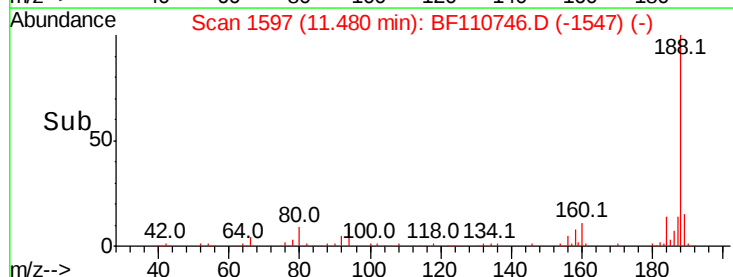
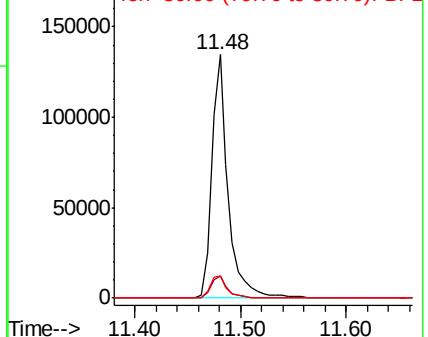
188 100

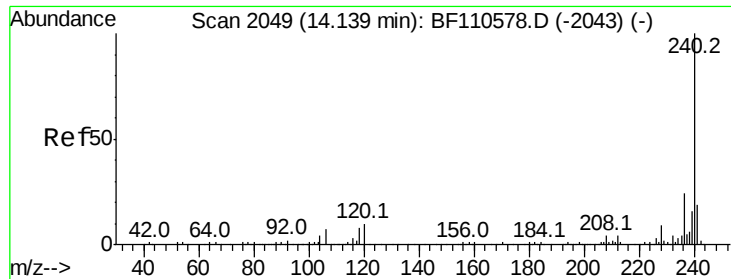
94 8.9 7.2 10.8

80 8.9 7.9 11.9



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

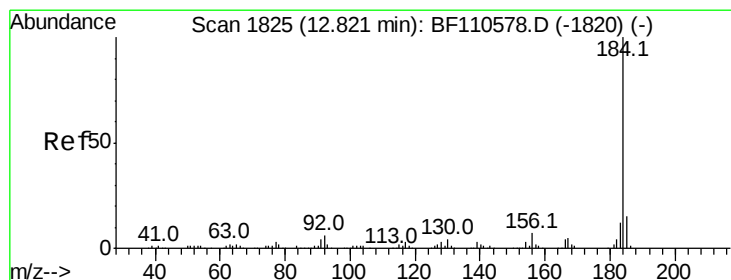
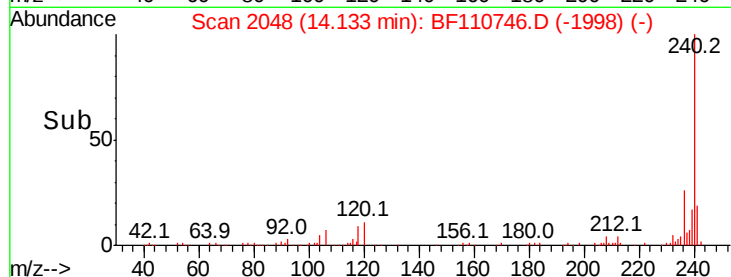
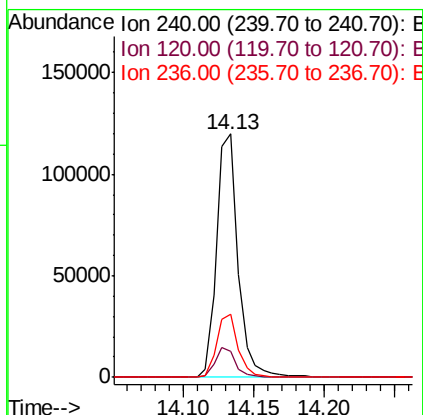
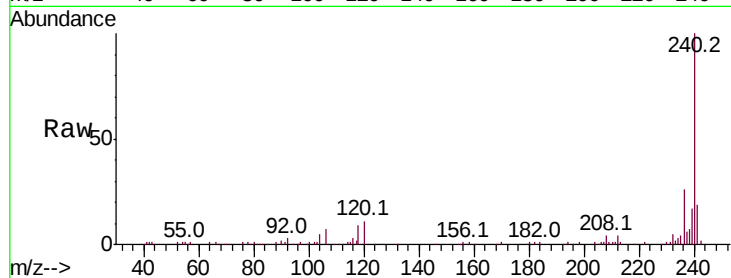




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: BF110746.D
 Acq: 14 Nov 2018 4:09

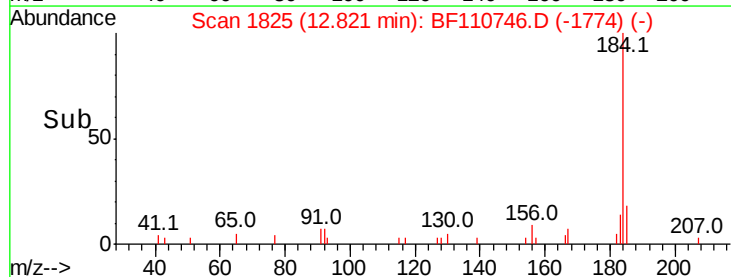
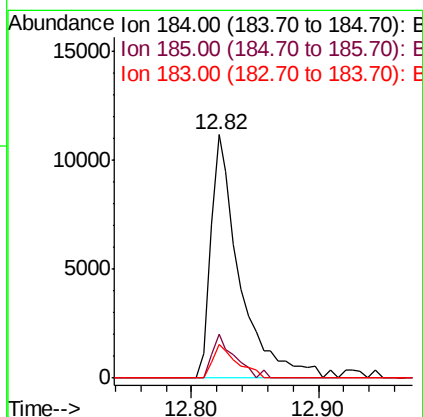
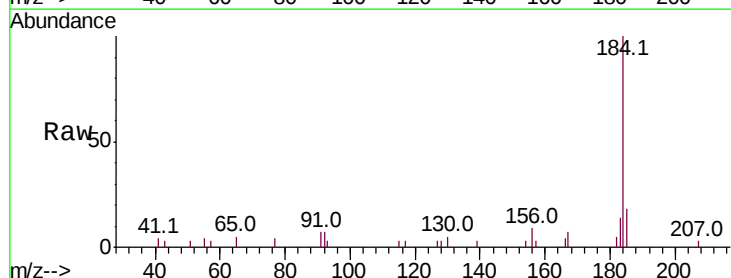
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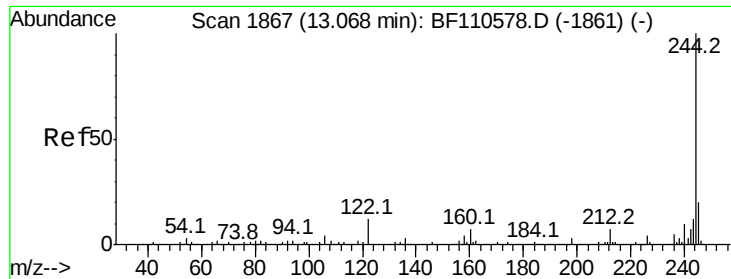
Tot Ion:240 Resp: 126798
 Ion Ratio Lower Upper
 240 100
 120 10.9 8.3 12.5
 236 25.7 21.2 31.8



#77
 Benzidine
 Concen: 5.111 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: BF110746.D
 Acq: 14 Nov 2018 4:09

Tgt Ion:184 Resp: 17821
 Ion Ratio Lower Upper
 184 100
 185 18.1 13.4 20.2
 183 13.6 9.4 14.2





#79

Terphenyl-d14

Concen: 83.925 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110746.D

Acq: 14 Nov 2018 4:09

Instrument :

BNA_F

ClientSampleId :

110918-SIDI-F-D-M

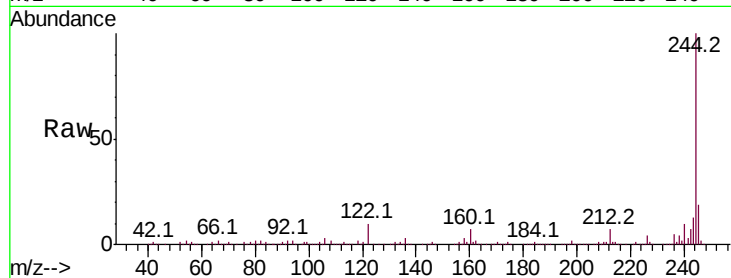
Tot Ion:244 Resp: 568226

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.8

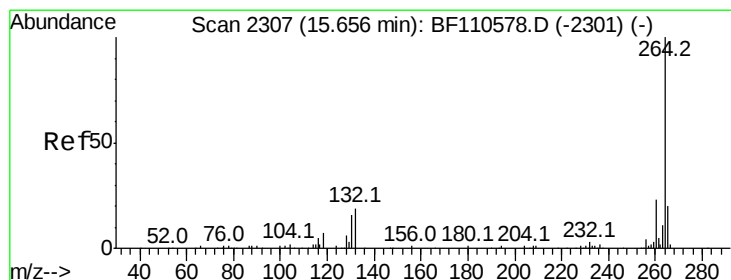
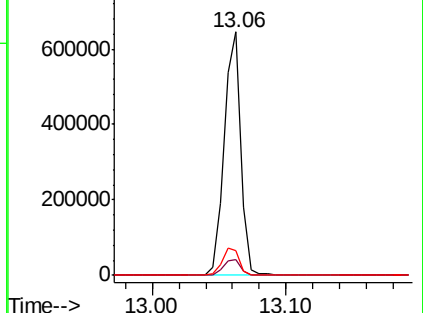
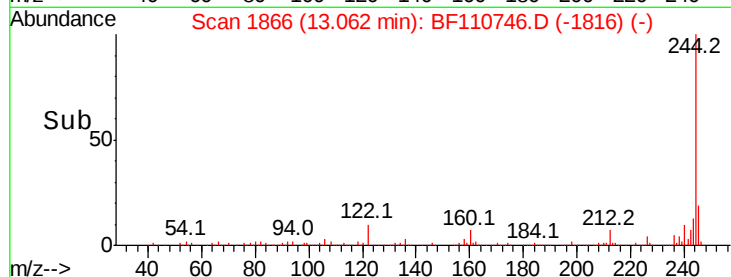
122 10.1 8.7 13.1



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2307

Delta R.T. -0.00 min

Lab File: BF110746.D

Acq: 14 Nov 2018 4:09

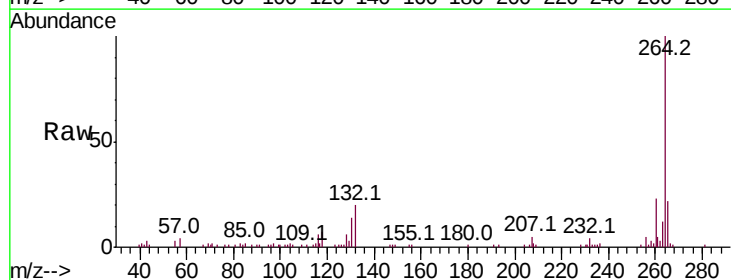
Tgt Ion:264 Resp: 80908

Ion Ratio Lower Upper

264 100

260 22.7 18.7 28.1

265 22.1 16.7 25.1



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

