

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111218\
 Data File : BF110701.D
 Acq On : 13 Nov 2018 4:27
 Operator : JU/SJ
 Sample : J5904-12
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 110818-SIDI-F-D-M

Quant Time: Nov 13 07:36:36 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 09 15:13:13 2018
 Response via : Initial Calibration

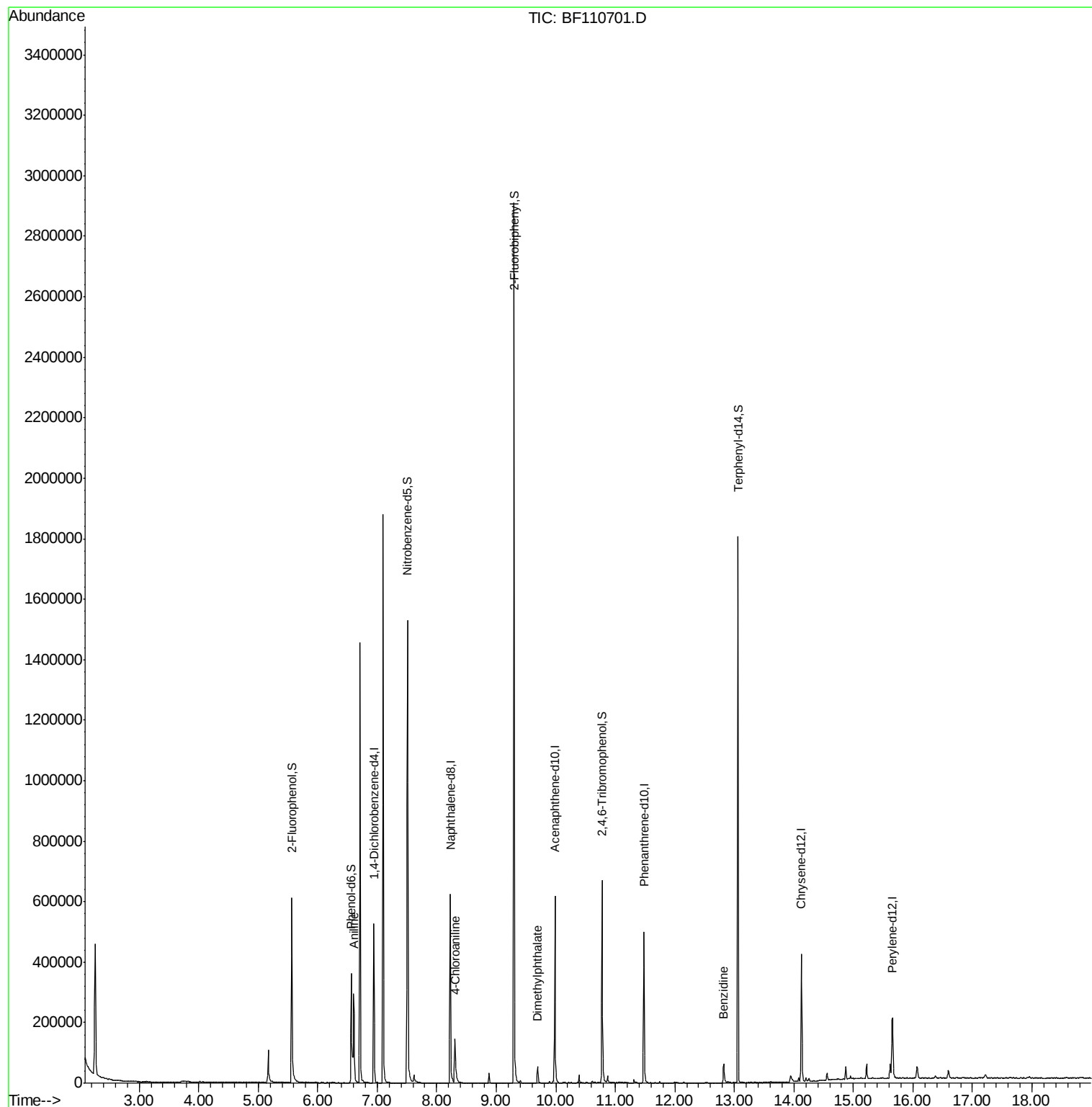
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	81757	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	323184	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	134425	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	209418	20.00	ng	0.00
76) Chrysene-d12	14.13	240	153223	20.00	ng	-0.01
87) Perylene-d12	15.66	264	112636	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	192942	38.33	ng	0.00
7) Phenol-d6	6.56	99	148656	23.10	ng	-0.01
23) Nitrobenzene-d5	7.51	82	512711	91.36	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	86954	64.20	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	908511	96.52	ng	0.00
79) Terphenyl-d14	13.06	244	604041	73.83	ng	0.00
Target Compounds						
6) Aniline	6.60	93	98316	11.713	ng	Qvalue # 55
33) 4-Chloroaniline	8.30	127	73303	10.667	ng	96
50) Dimethylphthalate	9.69	163	29077	2.899	ng	98
77) Benzidine	12.82	184	40565	9.627	ng	99

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

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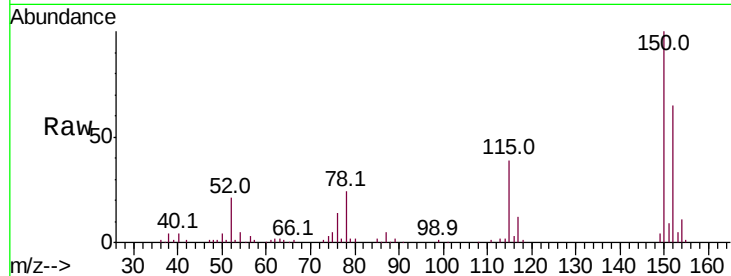


#1

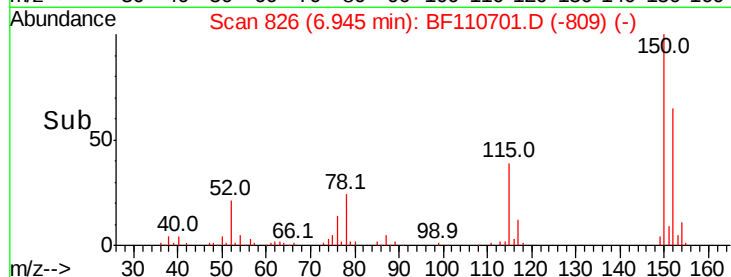
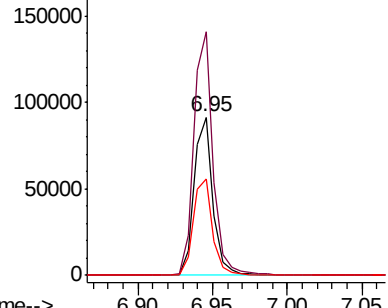
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110701.D
Acq: 13 Nov 2018 4:27

Instrument :
BNA_F
ClientSampleId :
110818-SIDI-F-D-M

Tot Ion:152 Resp: 81757
Ion Ratio Lower Upper
152 100
150 154.1 122.7 184.1
115 60.8 49.1 73.7



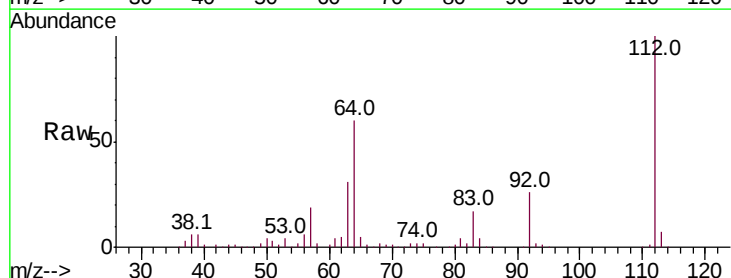
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



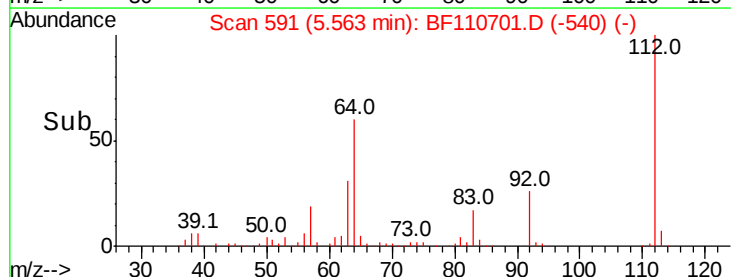
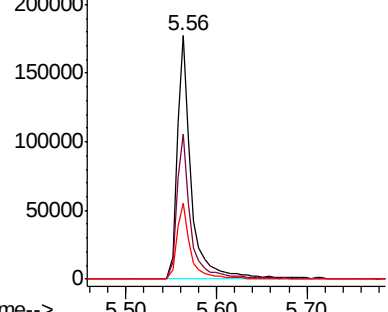
#5

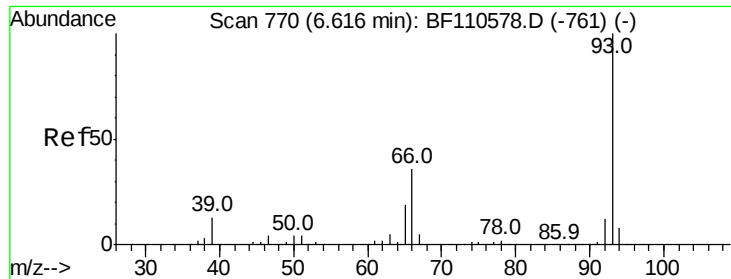
2-Fluorophenol
Concen: 38.333 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF110701.D
Acq: 13 Nov 2018 4:27

Tgt Ion:112 Resp: 192942
Ion Ratio Lower Upper
112 100
64 59.6 44.1 66.1
63 31.1 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





#6

Aniline

Concen: 11.713 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF110701.D

Acq: 13 Nov 2018 4:27

Instrument :

BNA_F

ClientSampleId :

110818-SIDI-F-D-M

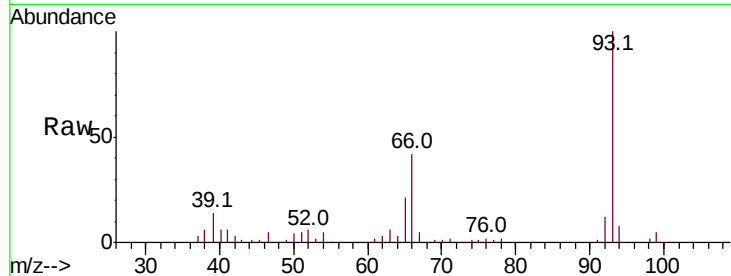
Tot Ion: 93 Resp: 98316

Ion Ratio Lower Upper

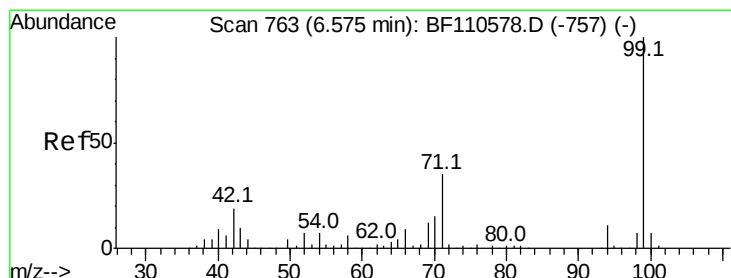
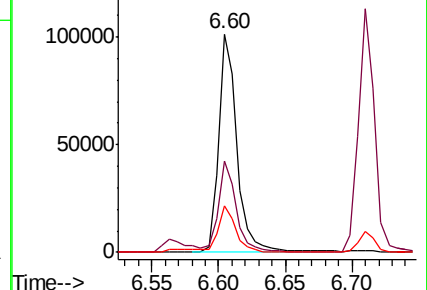
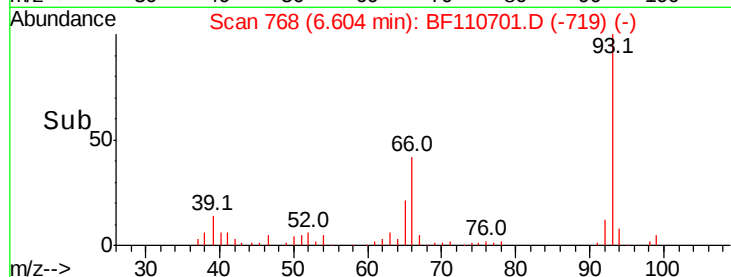
93 100

66 41.6 67.4 101.0#

65 21.5 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: 23.096 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110701.D

Acq: 13 Nov 2018 4:27

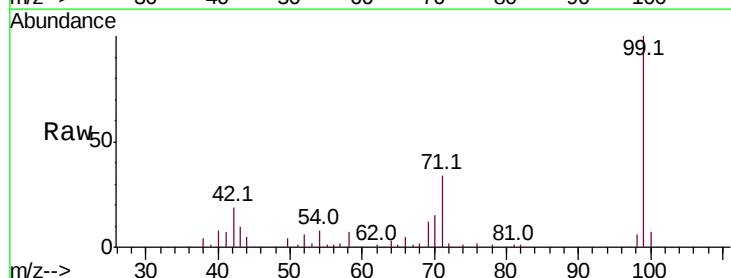
Tgt Ion: 99 Resp: 148656

Ion Ratio Lower Upper

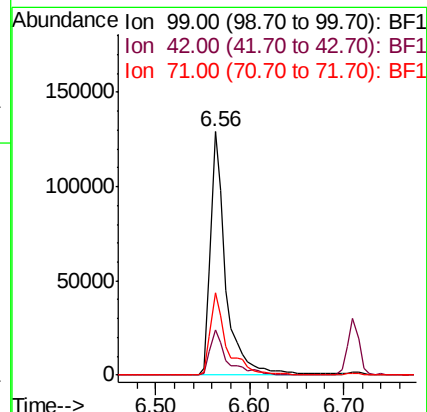
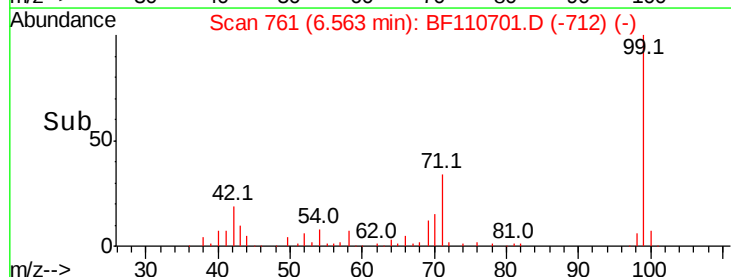
99 100

42 18.8 15.8 23.6

71 33.9 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

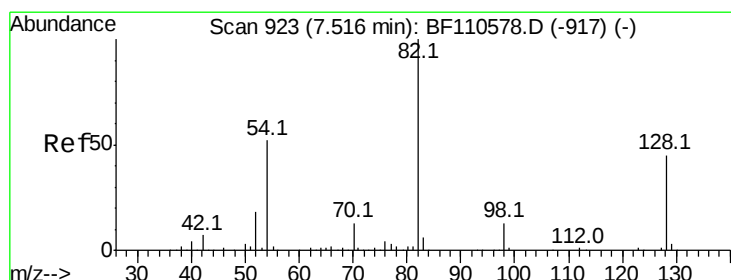
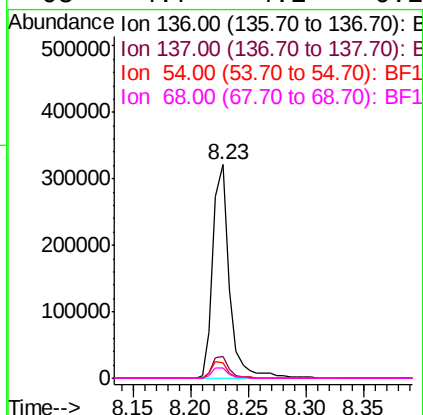
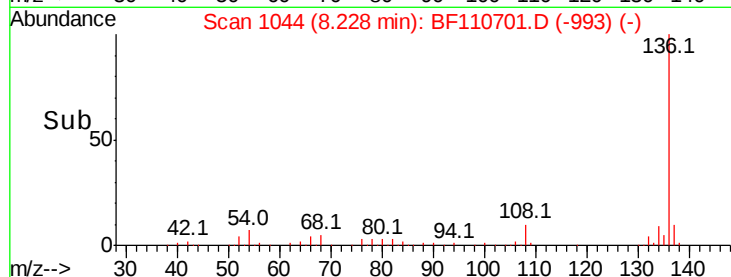
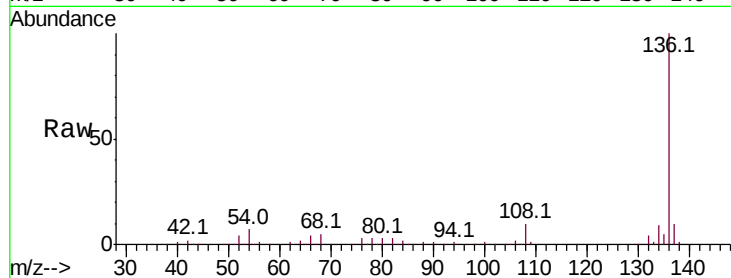




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110701.D
Acq: 13 Nov 2018 4:27

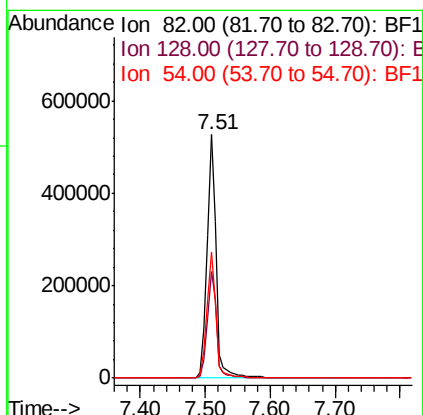
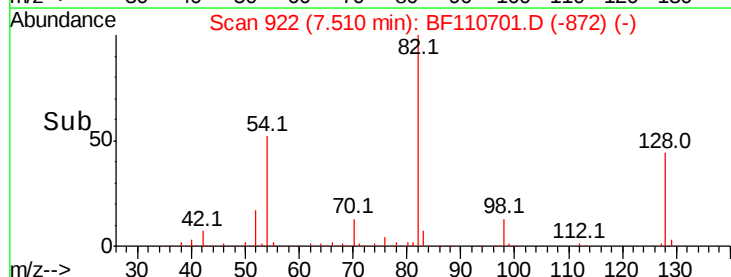
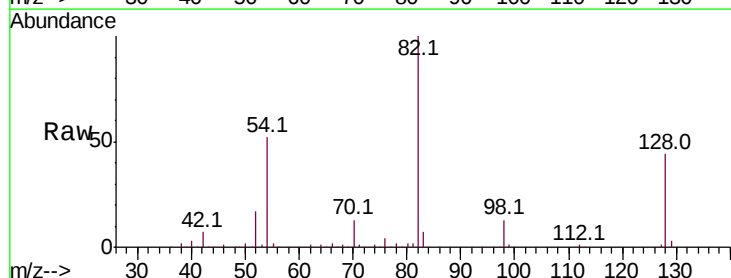
Instrument :
BNA_F
ClientSampleId :
110818-SIDI-F-D-M

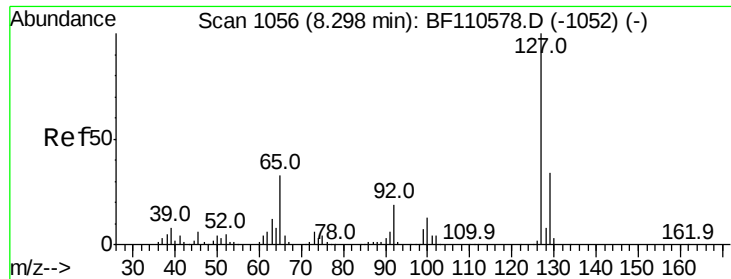
Tot Ion:	136	Resp:	323184
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.8	13.2
54	7.3	5.4	8.2
68	4.7	4.2	6.2



#23
Nitrobenzene-d5
Concen: 91.362 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110701.D
Acq: 13 Nov 2018 4:27

Tgt Ion:	82	Resp:	512711
Ion	Ratio	Lower	Upper
82	100		
128	44.0	34.2	51.2
54	51.8	38.6	58.0

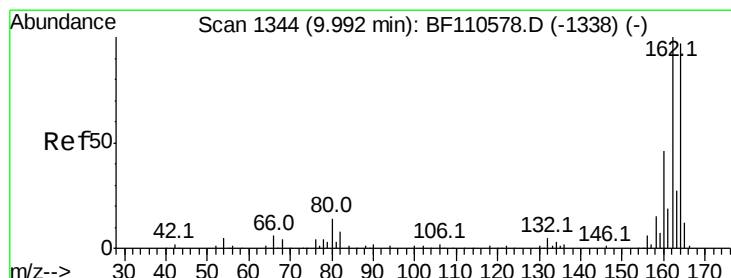
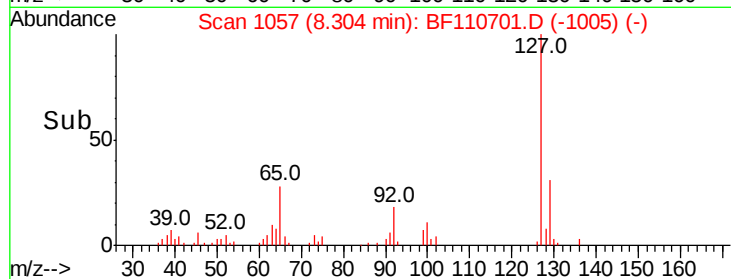
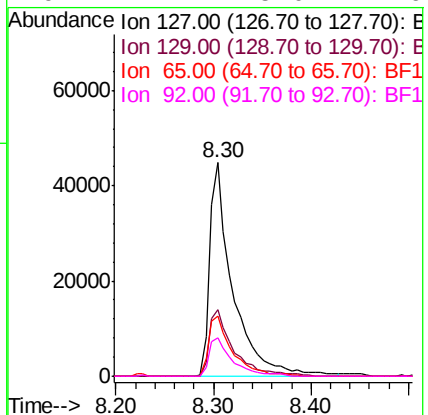
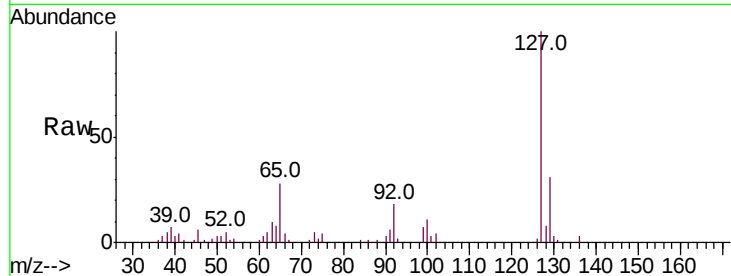




#33
4-Chloroaniline
Concen: 10.667 ng
RT: 8.30 min Scan# 1057
Delta R.T. 0.01 min
Lab File: BF110701.D
Acq: 13 Nov 2018 4:27

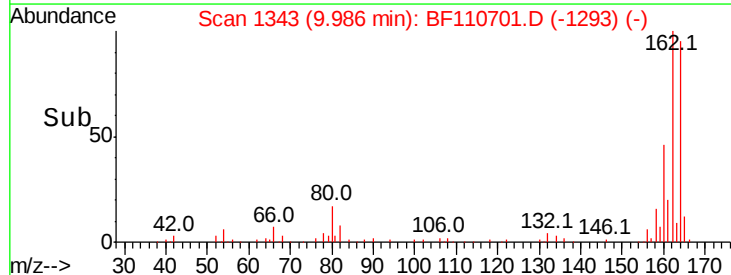
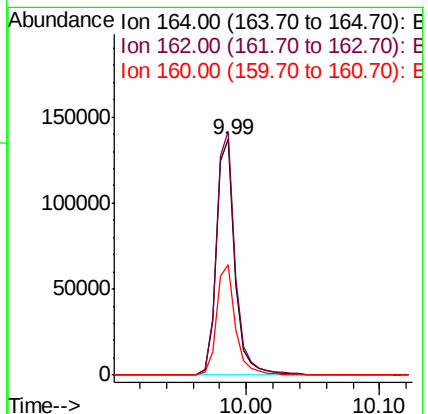
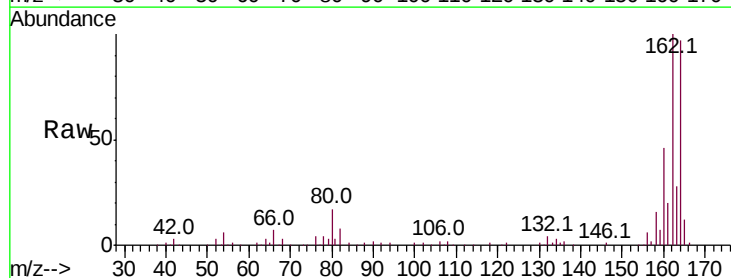
Instrument :
BNA_F
ClientSampleId :
110818-SIDI-F-D-M

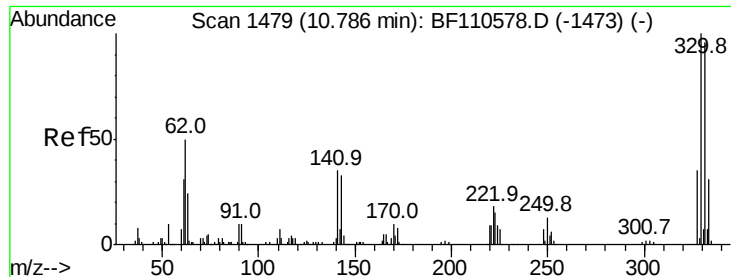
Tot Ion:	127	Resp:	73303
Ion	Ratio	Lower	Upper
127	100		
129	31.1	26.0	39.0
65	28.2	25.1	37.7
92	17.7	15.0	22.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110701.D
Acq: 13 Nov 2018 4:27

Tgt Ion:	164	Resp:	134425
Ion	Ratio	Lower	Upper
164	100		
162	103.5	83.0	124.6
160	47.2	37.0	55.6

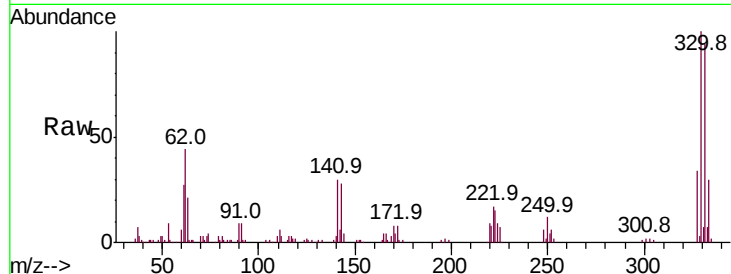




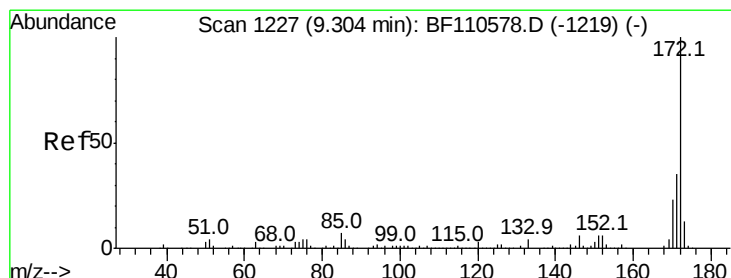
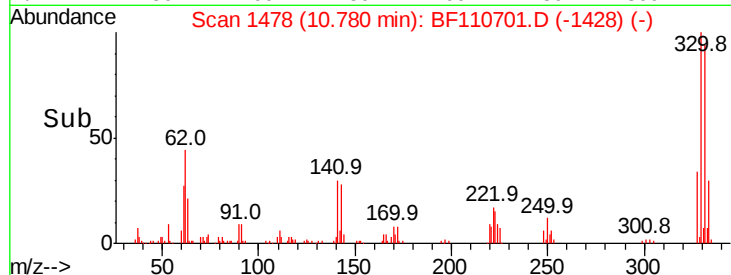
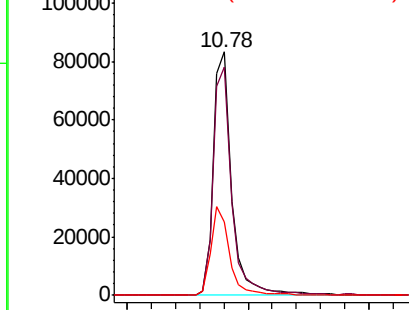
#42
 2,4,6-Tribromophenol
 Concen: 64.196 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF110701.D
 Acq: 13 Nov 2018 4:27

Instrument :
 BNA_F
 ClientSampleId :
 110818-SIDI-F-D-M

Tot Ion:330 Resp: 86954
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.1 115.7
 141 37.1 27.0 40.4

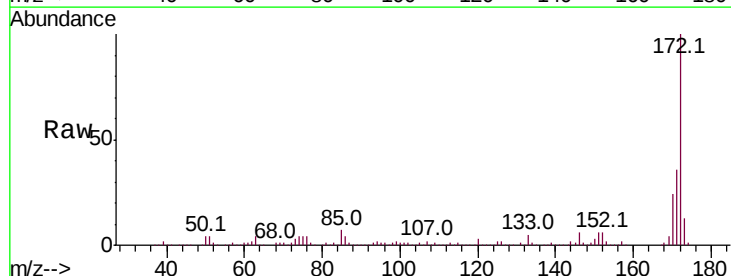


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

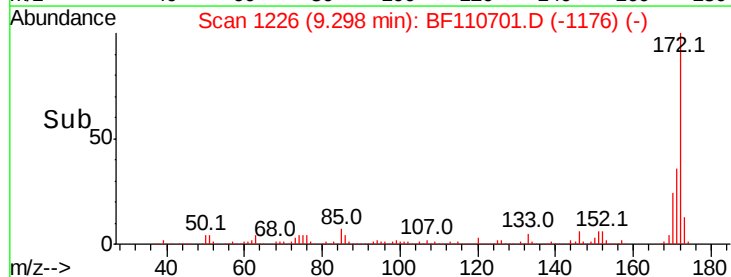
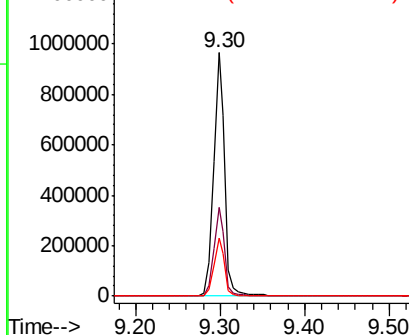


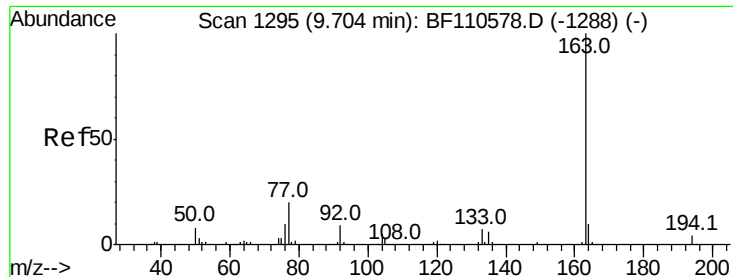
#45
 2-Fluorobiphenyl
 Concen: 96.524 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110701.D
 Acq: 13 Nov 2018 4:27

Tgt Ion:172 Resp: 908511
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.6 43.0
 170 24.1 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: 2.899 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF110701.D

Acq: 13 Nov 2018 4:27

Instrument :

BNA_F

ClientSampleId :

110818-SIDI-F-D-M

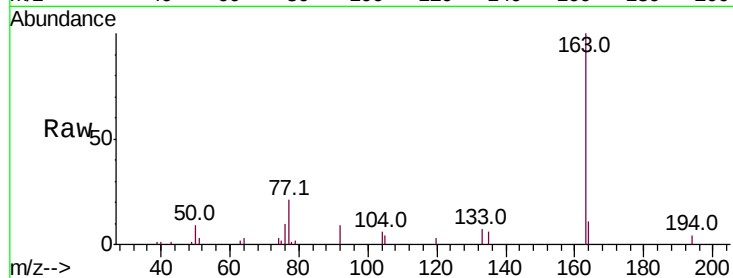
Tot Ion:163 Resp: 29077

Ion Ratio Lower Upper

163 100

194 3.6 3.2 4.8

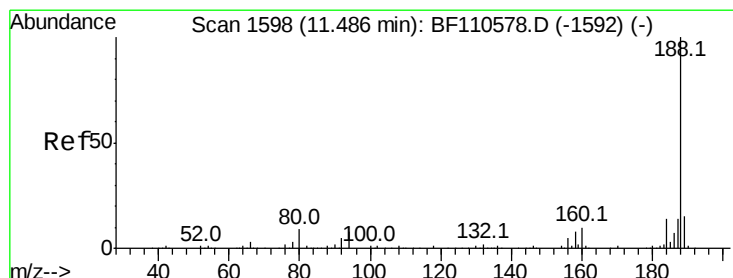
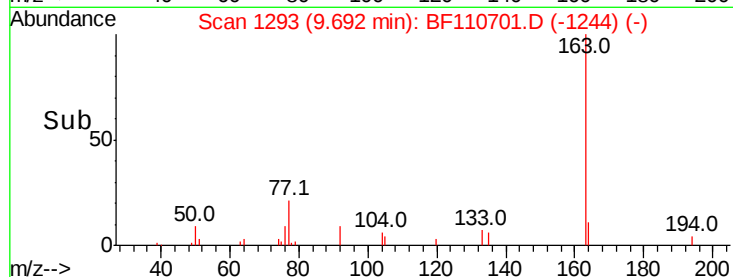
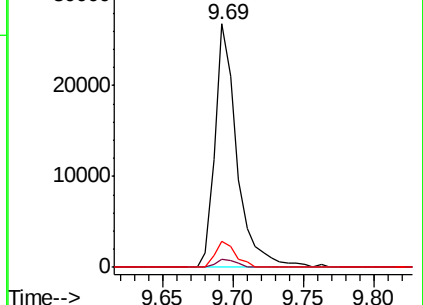
164 10.8 8.1 12.1



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: BF110701.D

Acq: 13 Nov 2018 4:27

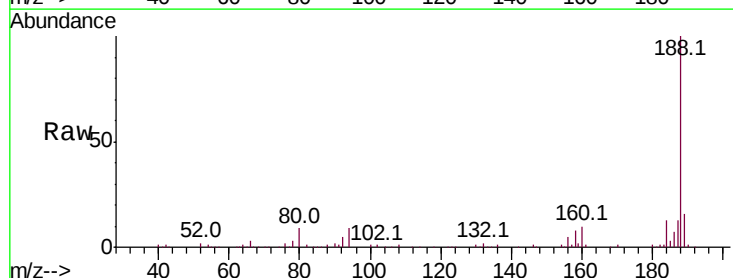
Tgt Ion:188 Resp: 209418

Ion Ratio Lower Upper

188 100

94 8.9 7.2 10.8

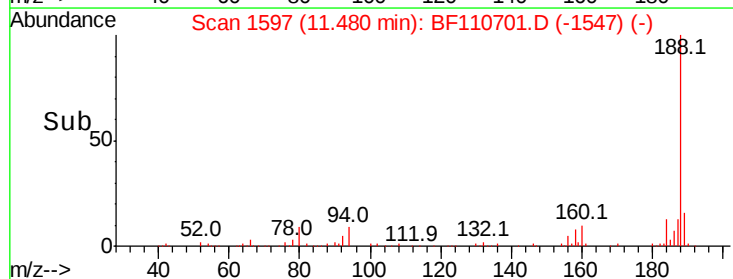
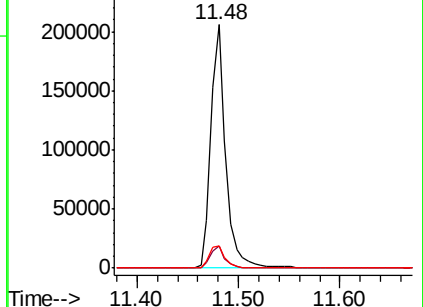
80 9.2 7.9 11.9

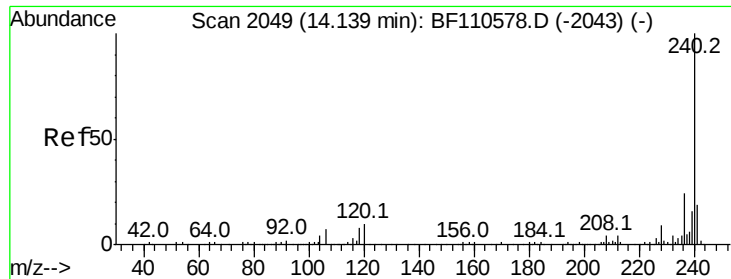


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

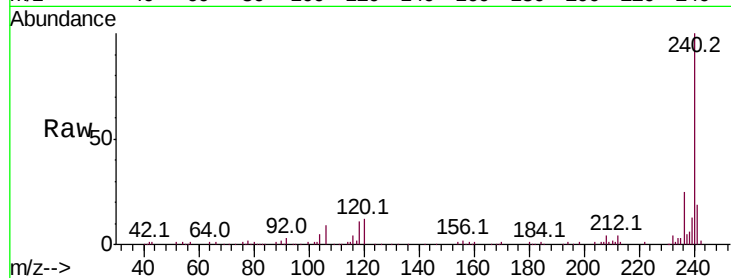




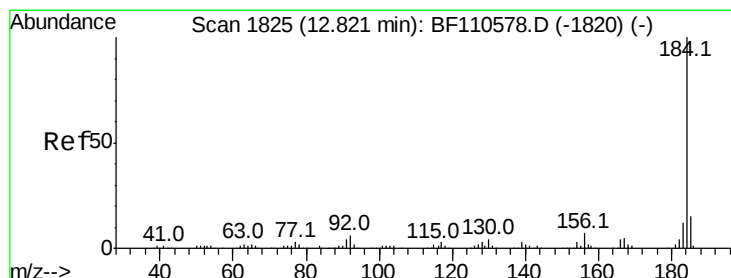
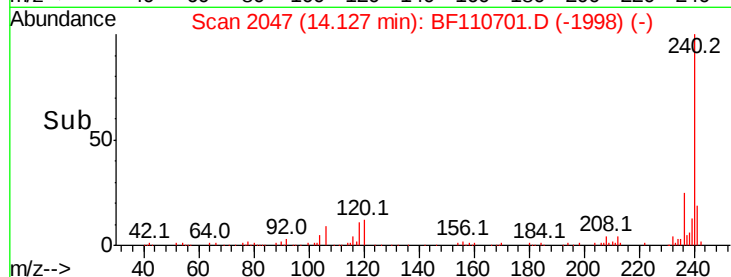
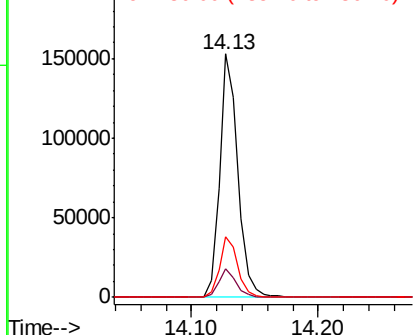
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2047
 Delta R.T. -0.01 min
 Lab File: BF110701.D
 Acq: 13 Nov 2018 4:27

Instrument :
 BNA_F
 ClientSampleId :
 110818-SIDI-F-D-M

Tot Ion:240 Resp: 153223
 Ion Ratio Lower Upper
 240 100
 120 11.9 8.3 12.5
 236 24.9 21.2 31.8

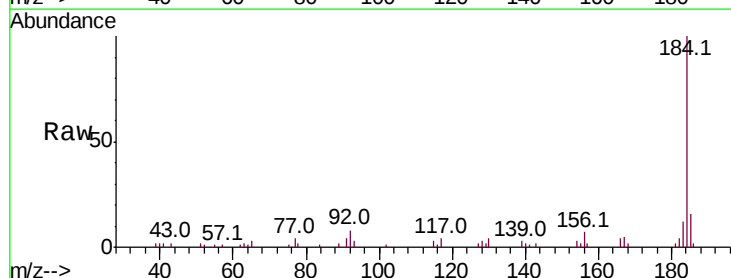


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

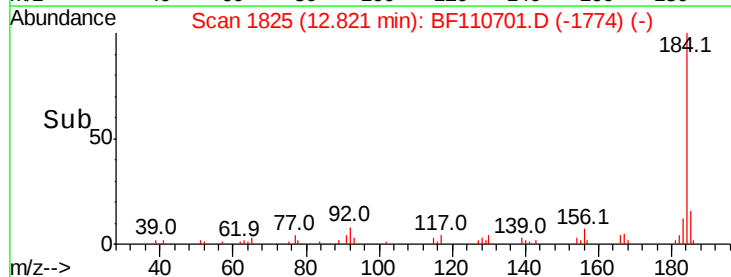
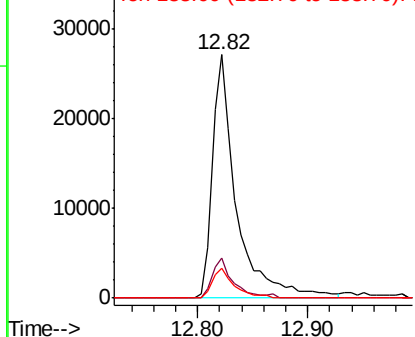


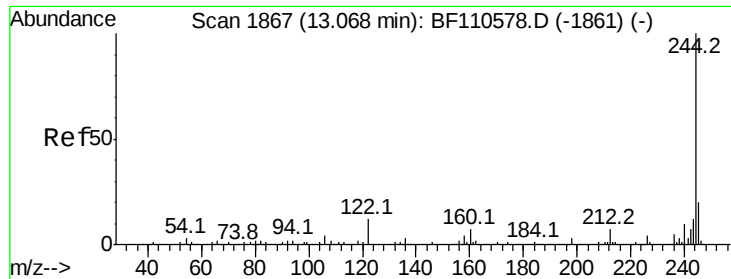
#77
 Benzidine
 Concen: 9.627 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: BF110701.D
 Acq: 13 Nov 2018 4:27

Tgt Ion:184 Resp: 40565
 Ion Ratio Lower Upper
 184 100
 185 16.3 13.4 20.2
 183 12.1 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 185.00 (184.70 to 185.70): E
 Ion 183.00 (182.70 to 183.70): E

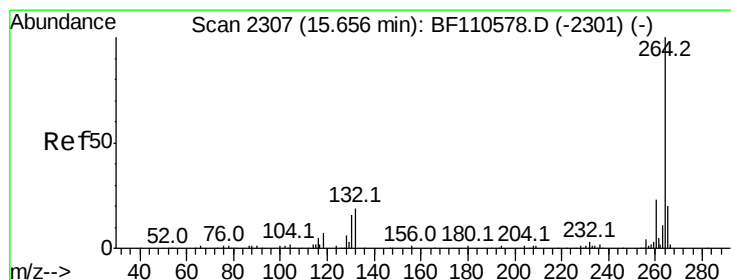
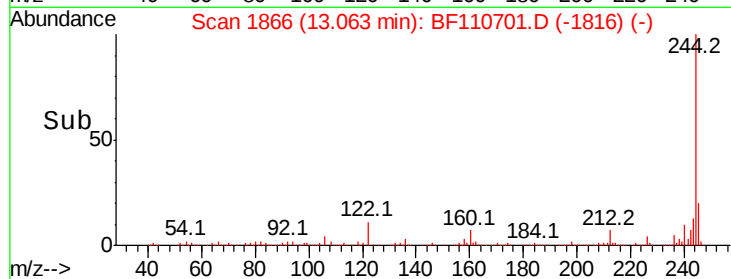
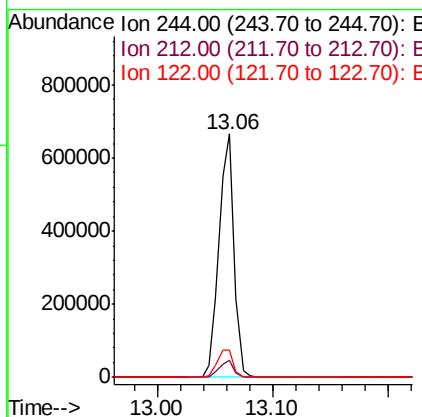
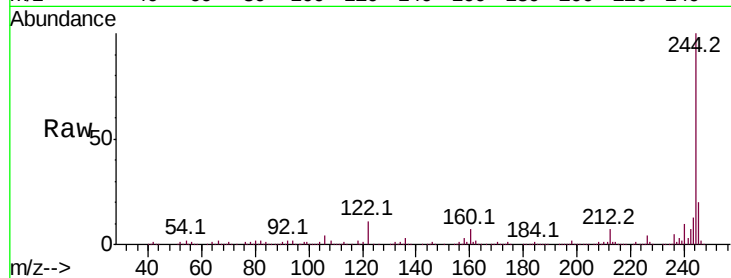




#79
 Terphenyl-d14
 Concen: 73.829 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF110701.D
 Acq: 13 Nov 2018 4:27

Instrument :
 BNA_F
 ClientSampleId :
 110818-SIDI-F-D-M

Tot Ion:244 Resp: 604041
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 11.1 8.7 13.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: BF110701.D
 Acq: 13 Nov 2018 4:27

Tgt Ion:264 Resp: 112636
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.7 28.1
 265 21.2 16.7 25.1

