

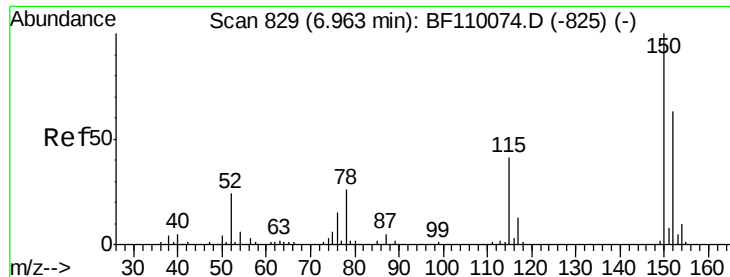
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110518\
 Data File : BF110493.D
 Acq On : 6 Nov 2018 4:55
 Operator : JU/SJ
 Sample : J5810-05
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 110218-SIDI-E-D-M

Quant Time: Nov 06 05:30:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	92947	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	367601	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	156933	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	234454	20.00	ng	0.00
76) Chrysene-d12	14.13	240	164999	20.00	ng	0.00
87) Perylene-d12	15.66	264	125593	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	258819	45.35	ng	0.00
7) Phenol-d6	6.57	99	210489	28.83	ng	-0.01
23) Nitrobenzene-d5	7.52	82	666176	107.49	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	129988	83.62	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	1187985	118.87	ng	0.00
79) Terphenyl-d14	13.07	244	803096	101.23	ng	0.00
Target Compounds						
10) Phenol	6.59	94	24308	3.115	ng	# 69
19) n-Nitroso-di-n-propylamine	7.52	70	88178	18.827	ng	# 78
25) Isophorone	7.52	82	666171	63.057	ng	# 67
51) 2,6-Dinitrotoluene	9.99	165	18784	7.528	ng	# 21
57) 2,4-Dinitrotoluene	9.99	165	18784	5.926	ng	# 17
67) 4-Bromophenyl-phenylether	10.79	248	8367	3.290	ng	# 1

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

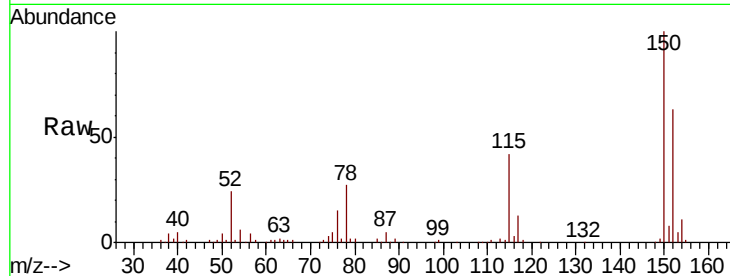


#1

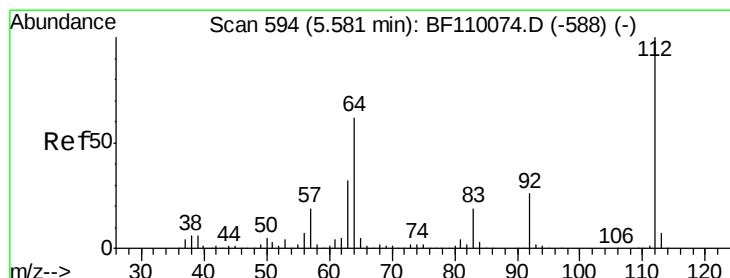
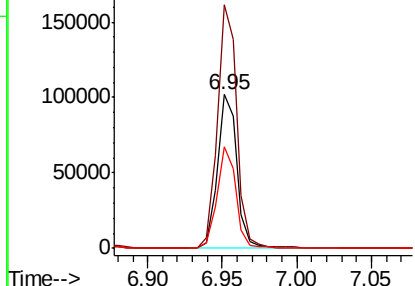
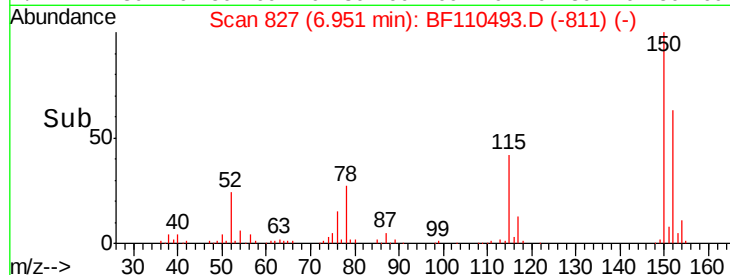
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110493.D
Acq: 6 Nov 2018 4:55

Instrument :
BNA_F
ClientSampleId :
110218-SIDI-E-D-M

Tgt Ion:152 Resp: 92947
Ion Ratio Lower Upper
152 100
150 158.4 122.7 184.1
115 66.5 49.1 73.7



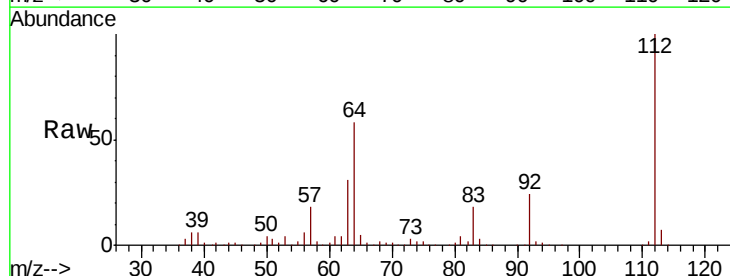
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



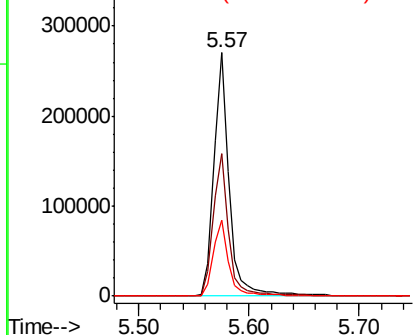
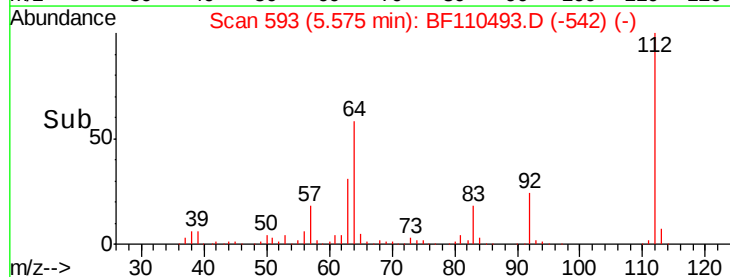
#5

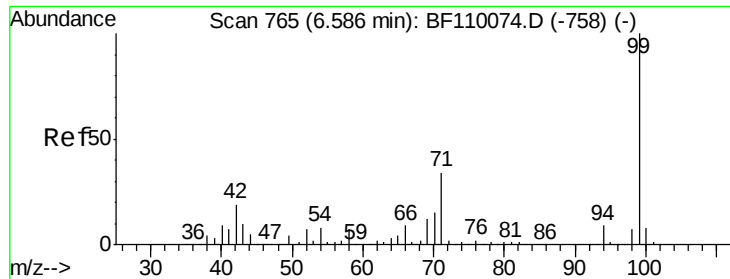
2-Fluorophenol
Concen: 45.346 ng
RT: 5.57 min Scan# 593
Delta R.T. -0.00 min
Lab File: BF110493.D
Acq: 6 Nov 2018 4:55

Tgt Ion:112 Resp: 258819
Ion Ratio Lower Upper
112 100
64 58.3 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





#7

Phenol-d6

Concen: 28.832 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110493.D

Acq: 6 Nov 2018 4:55

Instrument :

BNA_F

ClientSampleId :

110218-SIDI-E-D-M

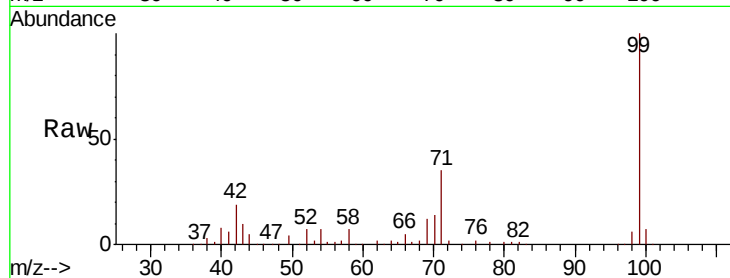
Tgt Ion: 99 Resp: 210489

Ion Ratio Lower Upper

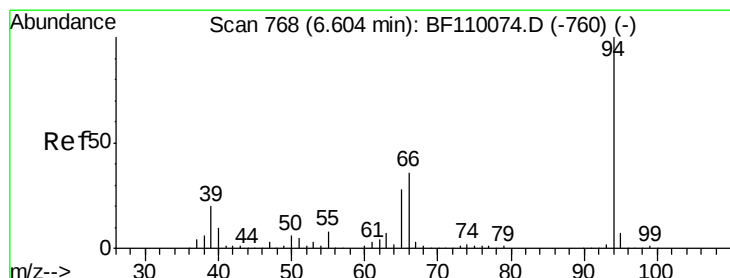
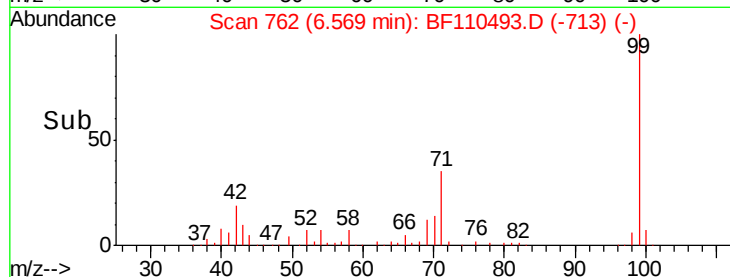
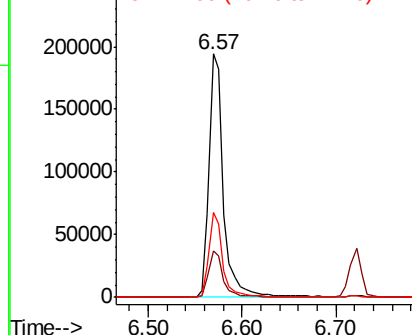
99 100

42 19.3 15.8 23.6

71 35.1 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



#10

Phenol

Concen: 3.115 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF110493.D

Acq: 6 Nov 2018 4:55

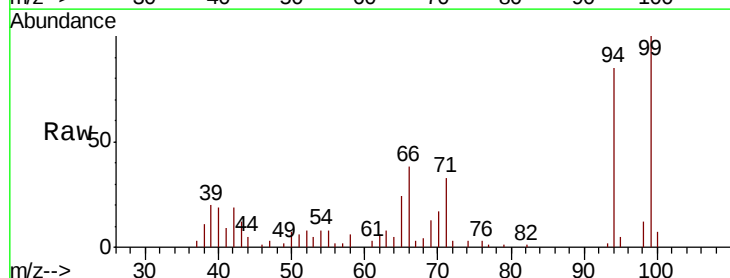
Tgt Ion: 94 Resp: 24308

Ion Ratio Lower Upper

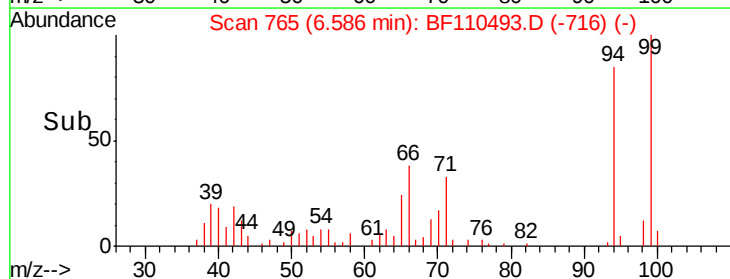
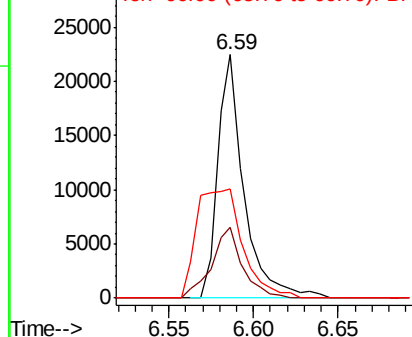
94 100

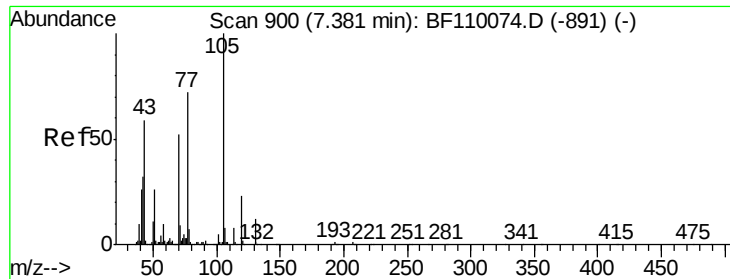
65 28.9 25.3 65.3

66 45.1 54.5 94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

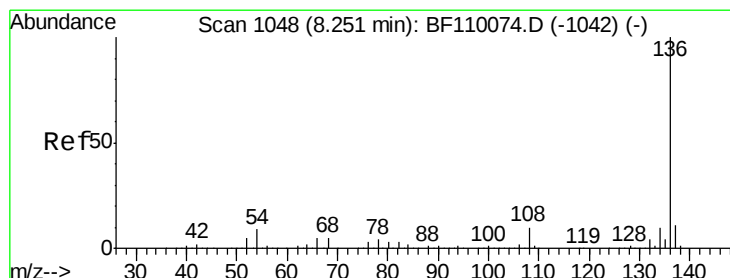
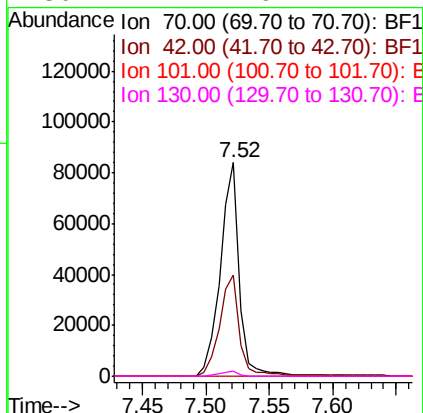
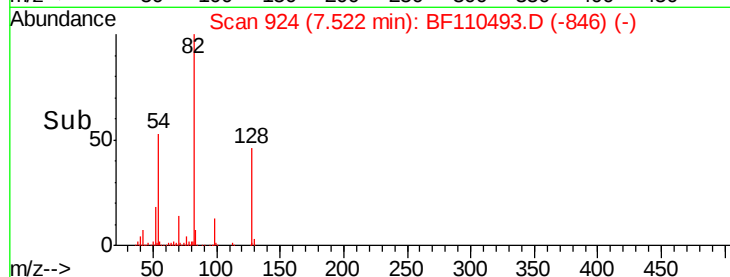
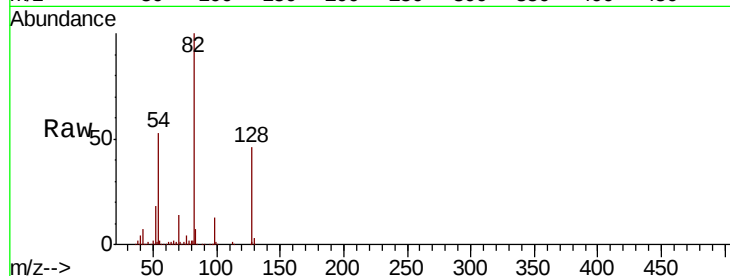




#19
n-Nitroso-di-n-propylamine
Concen: 18.827 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.16 min
Lab File: BF110493.D
Acq: 6 Nov 2018 4:55

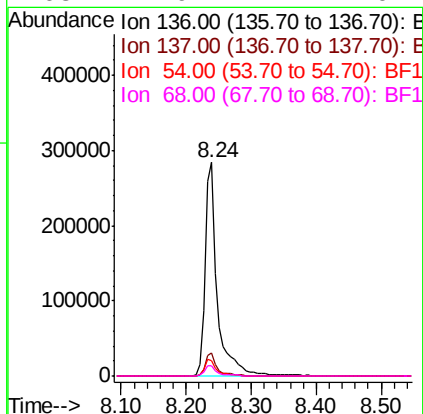
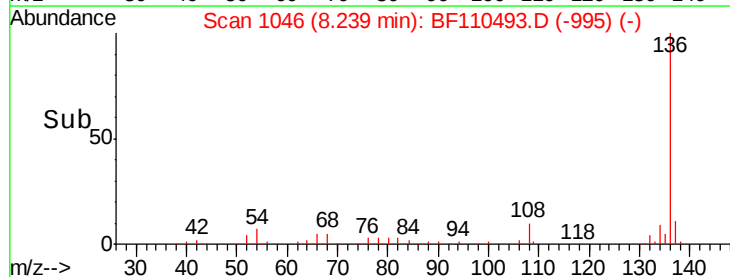
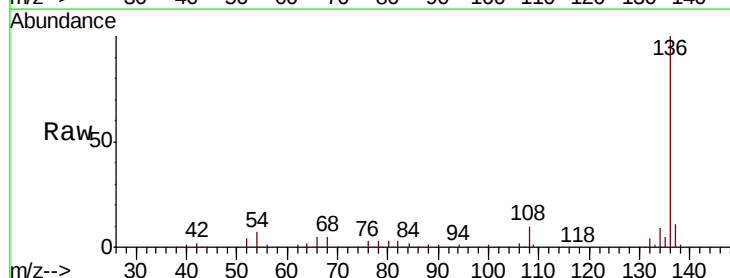
Instrument :
BNA_F
ClientSampleId :
110218-SIDI-E-D-M

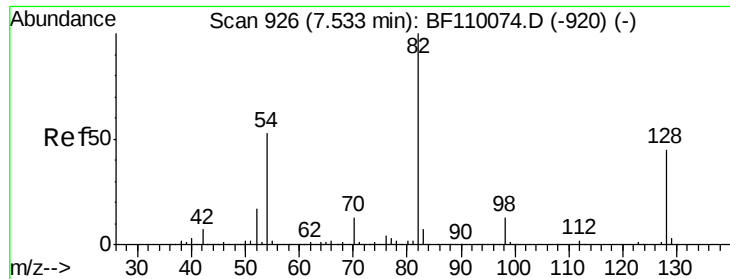
Tgt Ion: 70 Resp: 88178
Ion Ratio Lower Upper
70 100
42 47.6 47.4 71.2
101 0.0 7.3 10.9#
130 2.2 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BF110493.D
Acq: 6 Nov 2018 4:55

Tgt Ion: 136 Resp: 367601
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.2 5.4 8.2
68 4.9 4.2 6.2

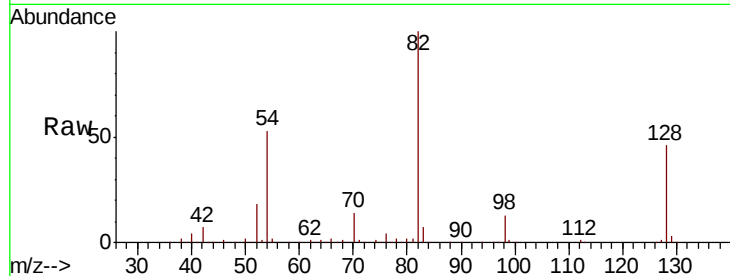




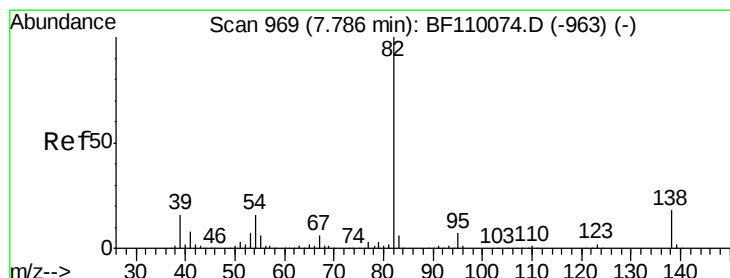
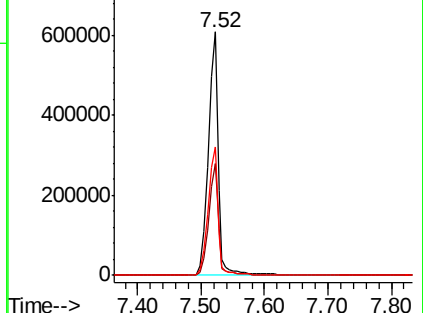
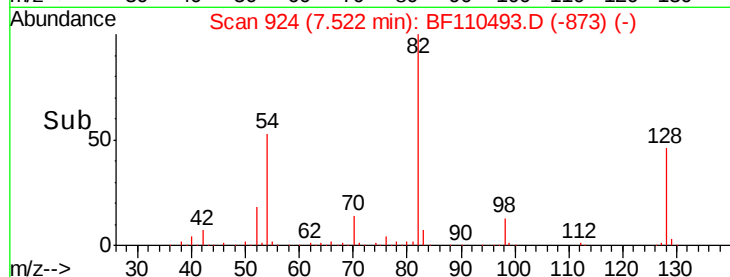
#23
Nitrobenzene-d5
Concen: 107.489 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.00 min
Lab File: BF110493.D
Acq: 6 Nov 2018 4:55

Instrument :
BNA_F
ClientSampleId :
110218-SIDI-E-D-M

Tgt Ion: 82 Resp: 666176
Ion Ratio Lower Upper
82 100
128 46.1 34.2 51.2
54 52.8 38.6 58.0

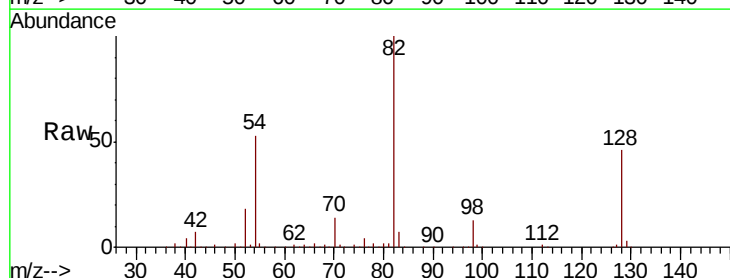


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

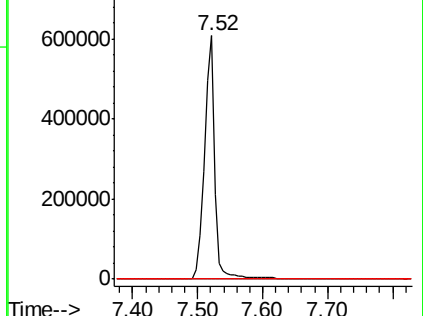
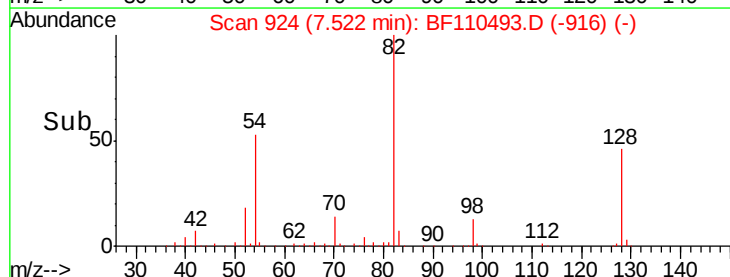


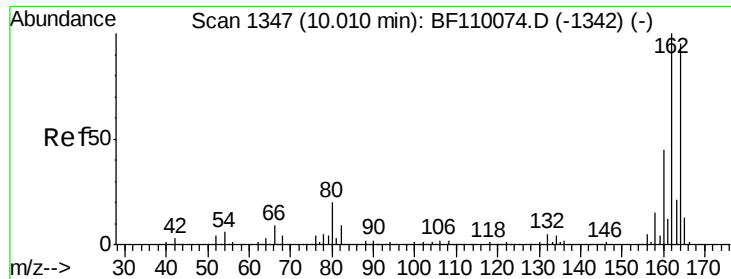
#25
Isophorone
Concen: 63.057 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.25 min
Lab File: BF110493.D
Acq: 6 Nov 2018 4:55

Tgt Ion: 82 Resp: 666171
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

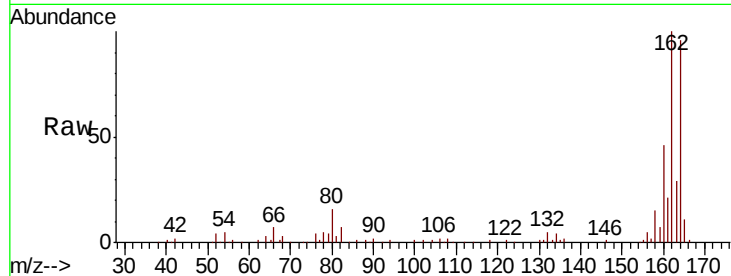




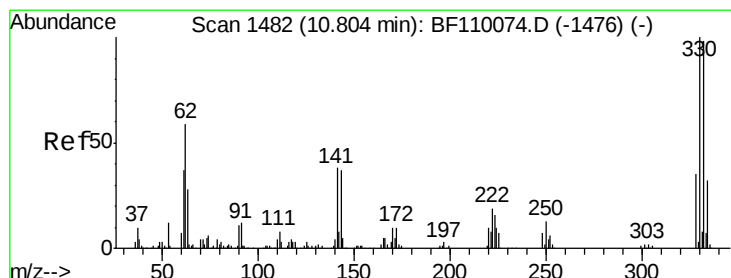
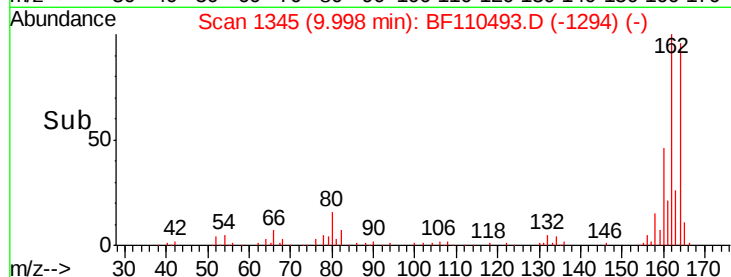
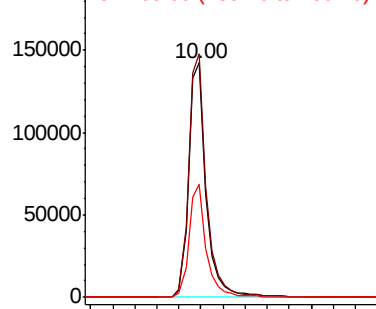
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BF110493.D
Acq: 6 Nov 2018 4:55

Instrument :
BNA_F
ClientSampleId :
110218-SIDI-E-D-M

Tgt Ion:164 Resp: 156933
Ion Ratio Lower Upper
164 100
162 103.9 83.0 124.6
160 48.3 37.0 55.6

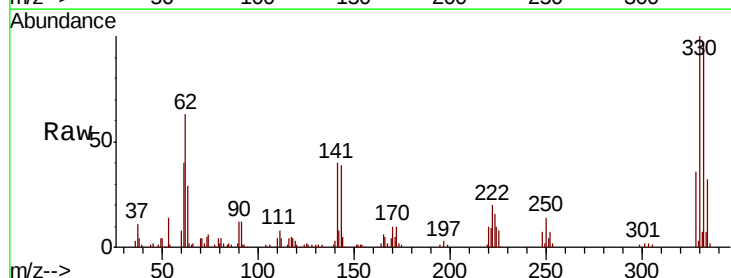


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

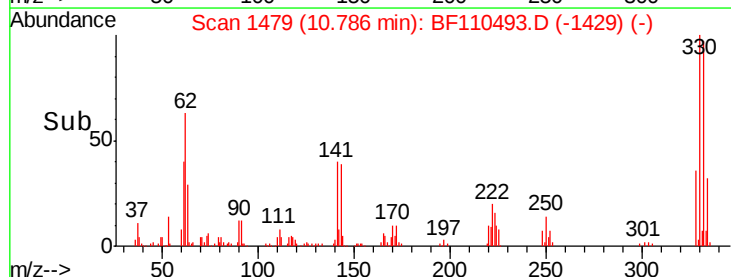
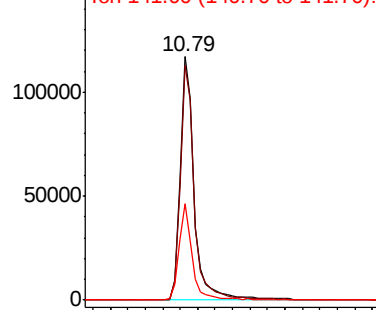


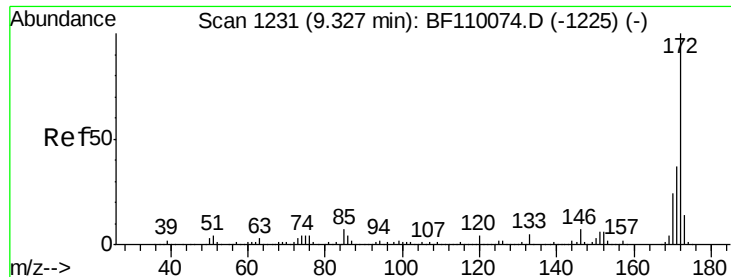
#42
2,4,6-Tribromophenol
Concen: 83.619 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF110493.D
Acq: 6 Nov 2018 4:55

Tgt Ion:330 Resp: 129988
Ion Ratio Lower Upper
330 100
332 97.0 77.1 115.7
141 37.7 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

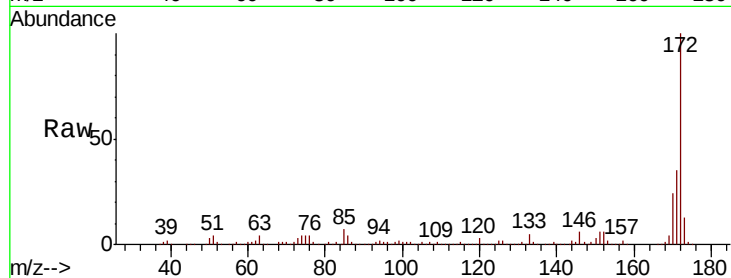




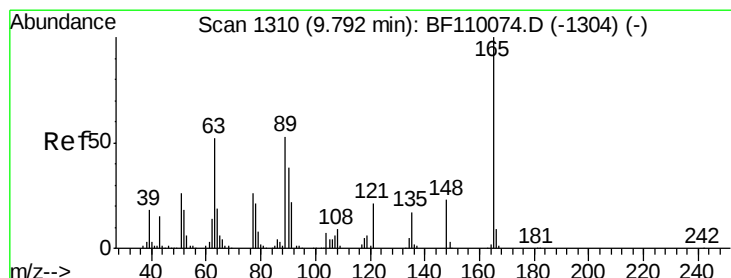
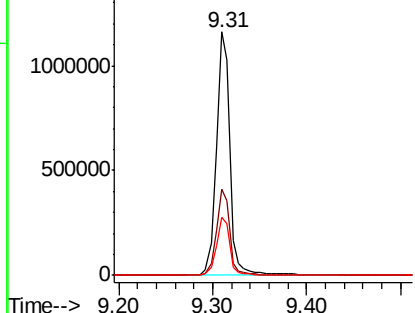
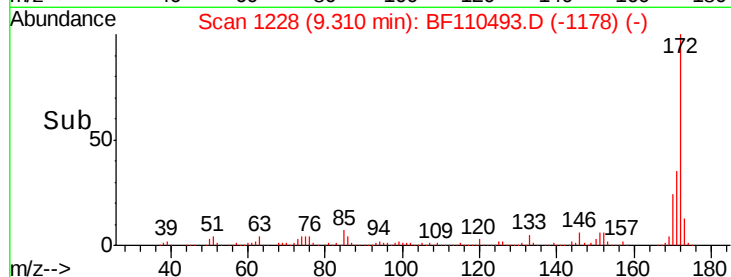
#45
 2-Fluorobiphenyl
 Concen: 118.869 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110493.D
 Acq: 6 Nov 2018 4:55

Instrument :
 BNA_F
 ClientSampleId :
 110218-SIDI-E-D-M

Tgt Ion:172 Resp: 1187985
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.6 43.0
 170 24.0 19.7 29.5

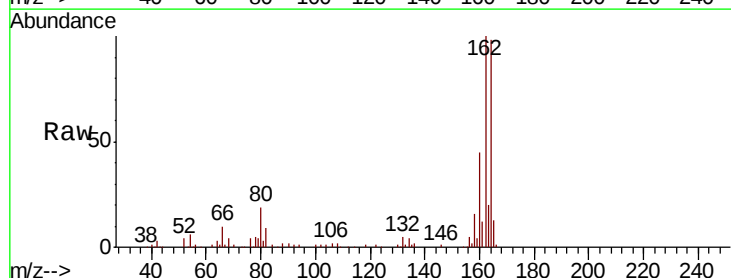


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

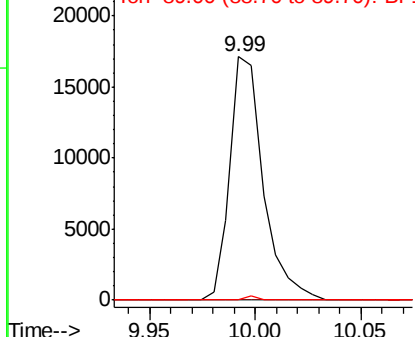
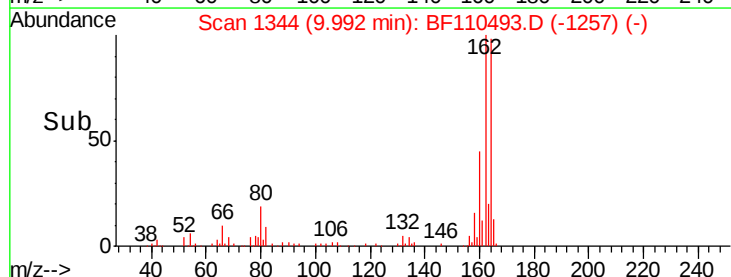


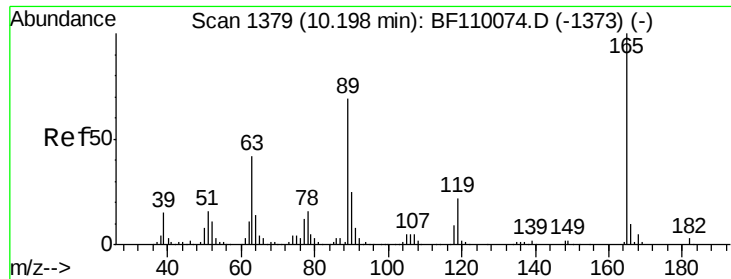
#51
 2,6-Dinitrotoluene
 Concen: 7.528 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. 0.21 min
 Lab File: BF110493.D
 Acq: 6 Nov 2018 4:55

Tgt Ion:165 Resp: 18784
 Ion Ratio Lower Upper
 165 100
 63 0.0 48.9 73.3#
 89 0.0 46.6 69.8#



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

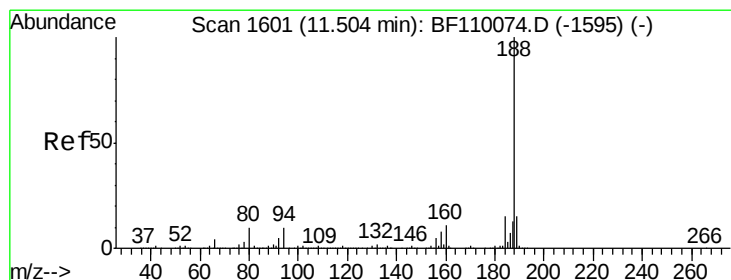
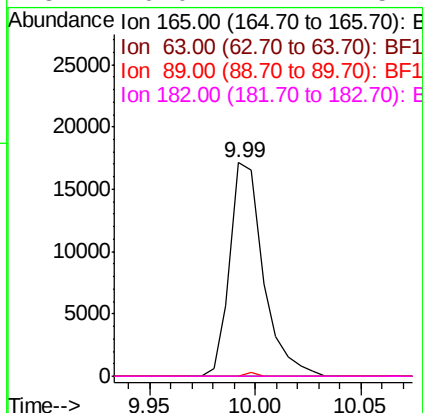
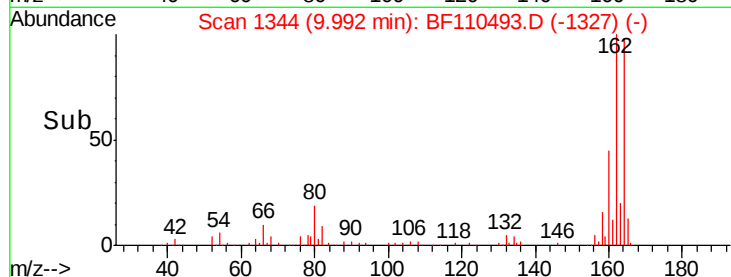
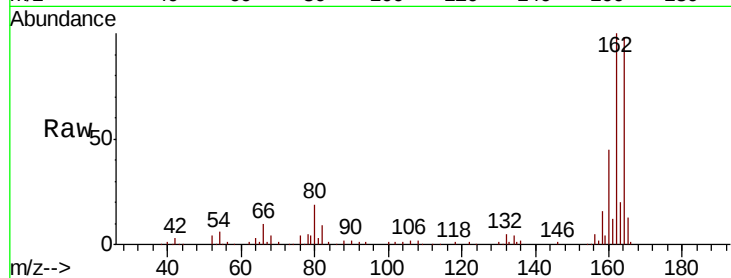




#57
2,4-Dinitrotoluene
Concen: 5.926 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.20 min
Lab File: BF110493.D
Acq: 6 Nov 2018 4:55

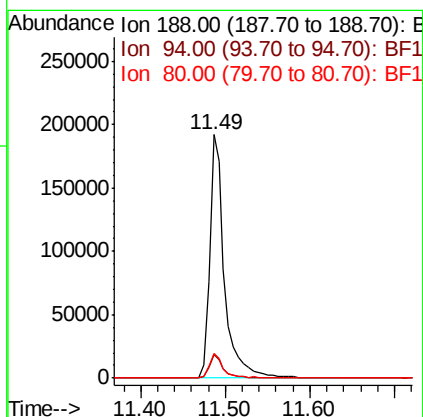
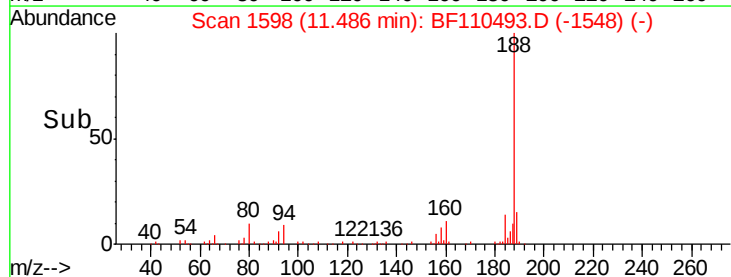
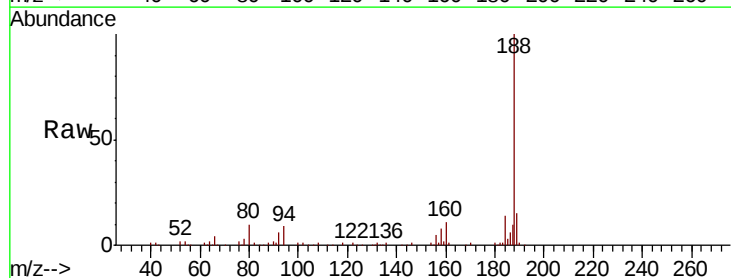
Instrument :
BNA_F
ClientSampleId :
110218-SIDI-E-D-M

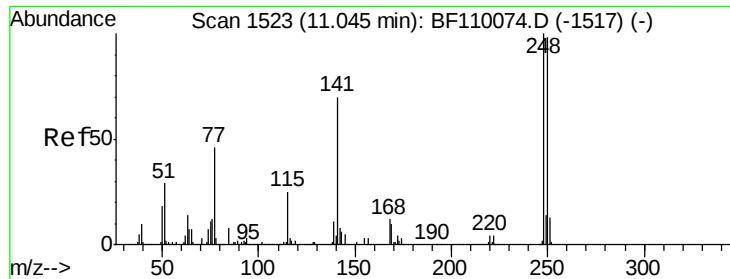
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF110493.D
Acq: 6 Nov 2018 4:55

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.2	10.8
80	10.0	7.9	11.9

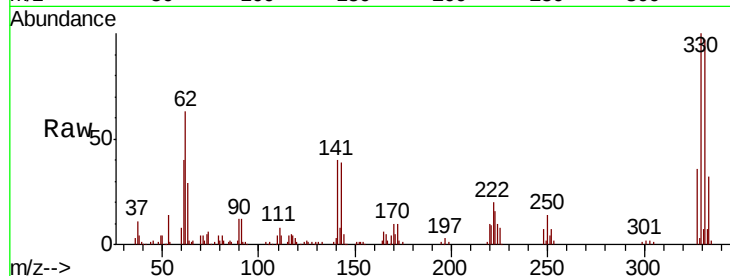




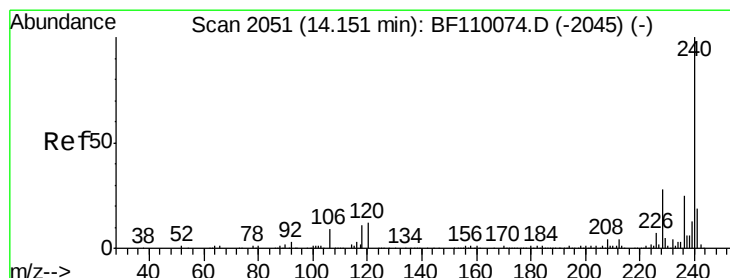
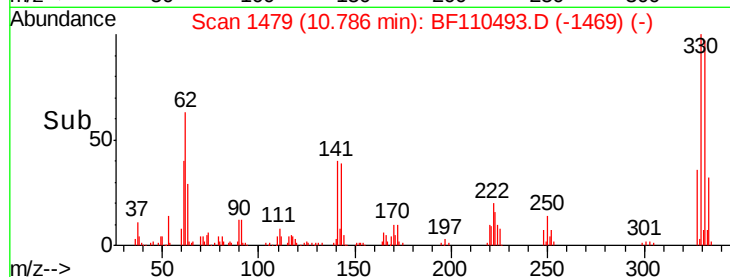
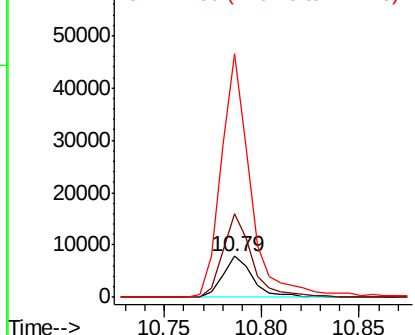
#67
 4-Bromophenyl-phenylether
 Concen: 3.290 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.24 min
 Lab File: BF110493.D
 Acq: 6 Nov 2018 4:55

Instrument :
 BNA_F
 ClientSampleId :
 110218-SIDI-E-D-M

Tgt Ion:248 Resp: 8367
 Ion Ratio Lower Upper
 248 100
 250 204.8 79.4 119.2#
 141 595.0 55.9 83.9#

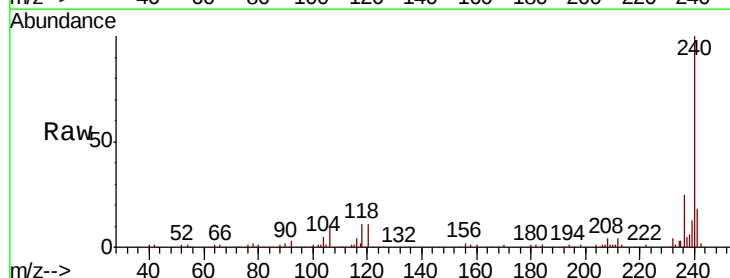


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

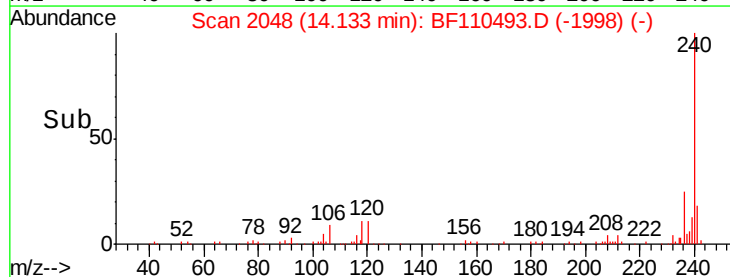
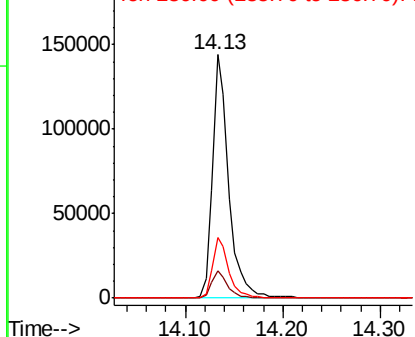


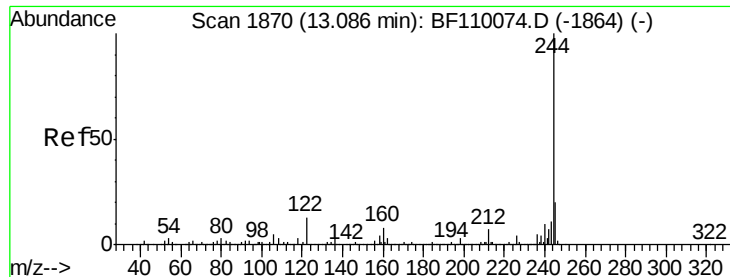
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: BF110493.D
 Acq: 6 Nov 2018 4:55

Tgt Ion:240 Resp: 164999
 Ion Ratio Lower Upper
 240 100
 120 11.3 8.3 12.5
 236 24.7 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





#79

Terphenyl-d14

Concen: 101.225 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF110493.D

Acq: 6 Nov 2018 4:55

Instrument :

BNA_F

ClientSampleId :

110218-SIDI-E-D-M

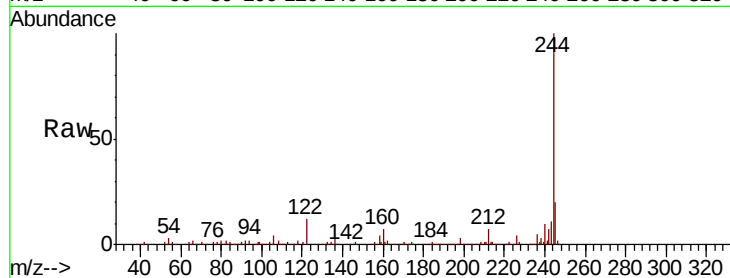
Tgt Ion:244 Resp: 803096

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

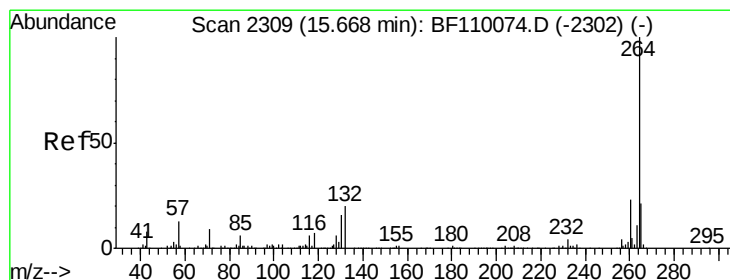
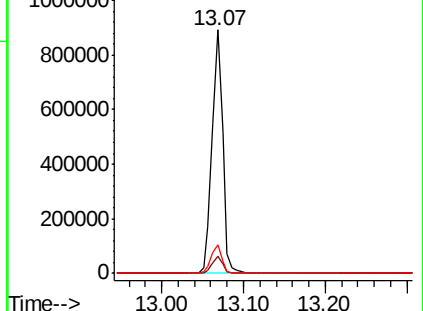
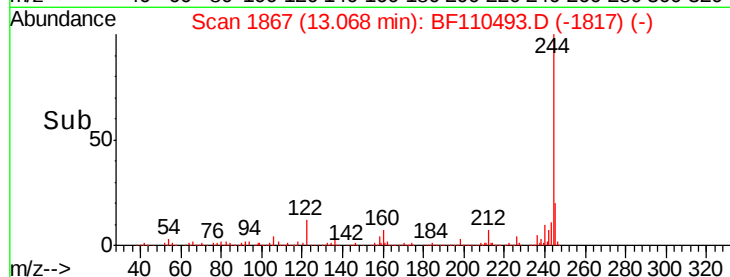
122 12.0 8.7 13.1



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: BF110493.D

Acq: 6 Nov 2018 4:55

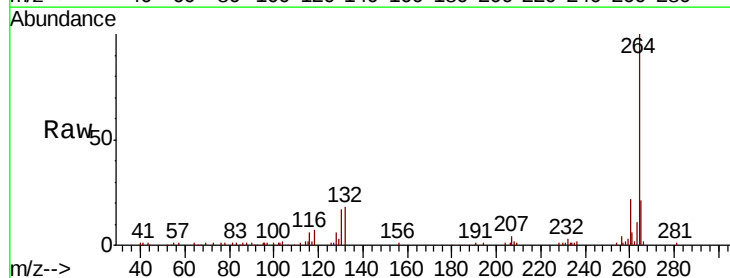
Tgt Ion:264 Resp: 125593

Ion Ratio Lower Upper

264 100

260 22.2 18.7 28.1

265 21.4 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

