

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110518\
 Data File : BF110492.D
 Acq On : 6 Nov 2018 4:28
 Operator : JU/SJ
 Sample : J5810-04
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

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

Quant Time: Nov 06 05:30:45 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

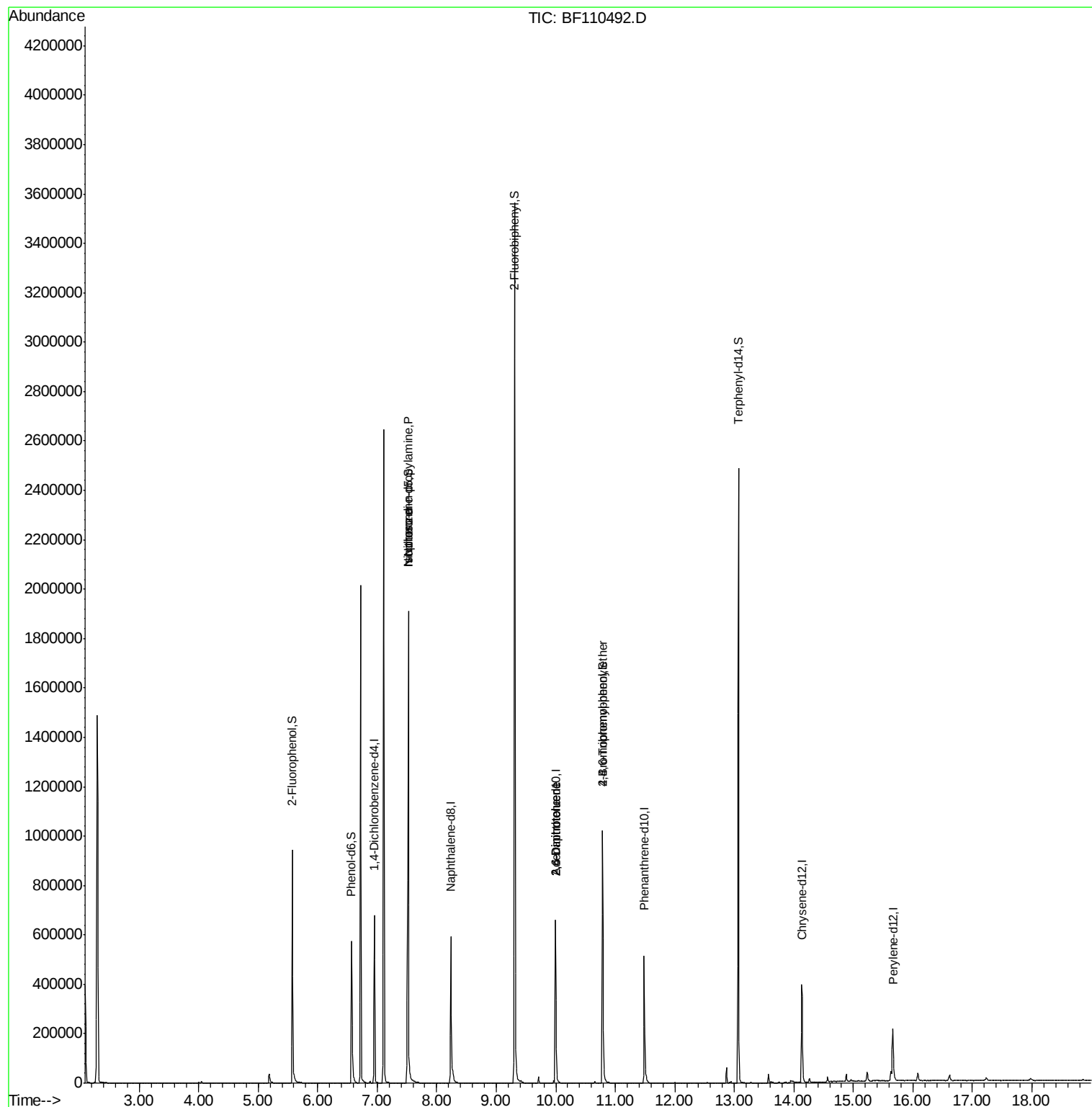
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	99799	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	389146	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	164310	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	247502	20.00	ng	0.00
76) Chrysene-d12	14.13	240	170405	20.00	ng	0.00
87) Perylene-d12	15.66	264	132456	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	264743	43.20	ng	0.00
7) Phenol-d6	6.57	99	222307	28.36	ng	0.00
23) Nitrobenzene-d5	7.52	82	694220	105.81	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	133572	82.07	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	1209396	115.58	ng	0.00
79) Terphenyl-d14	13.07	244	810249	98.89	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	92182	18.330	ng	Qvalue # 80
25) Isophorone	7.52	82	694216	62.074	ng	# 67
51) 2,6-Dinitrotoluene	10.00	165	21009	8.041	ng	# 21
57) 2,4-Dinitrotoluene	10.00	165	21009	6.331	ng	# 17
67) 4-Bromophenyl-phenylether	10.79	248	8354	3.112	ng	# 1

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

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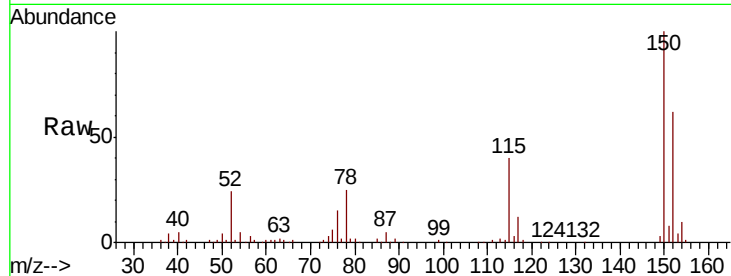




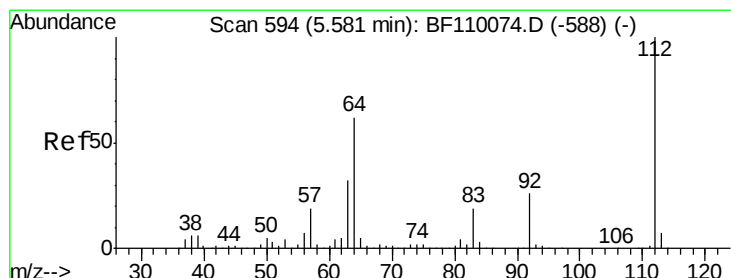
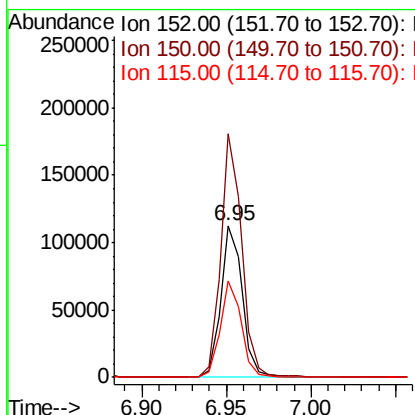
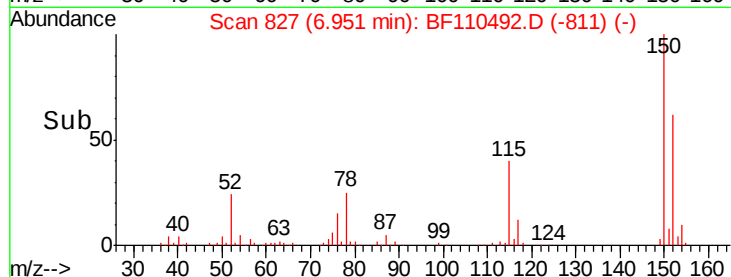
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF110492.D
 Acq: 6 Nov 2018 4:28

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

Tgt Ion:152 Resp: 99799
 Ion Ratio Lower Upper
 152 100
 150 160.6 122.7 184.1
 115 63.6 49.1 73.7

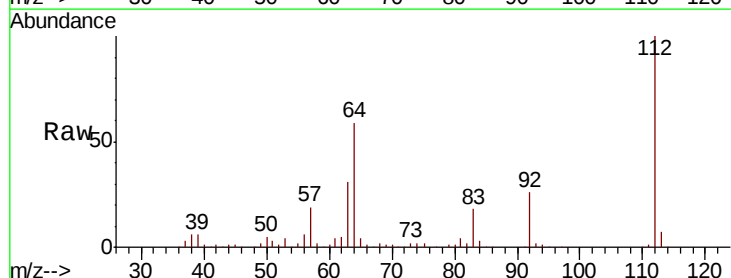


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

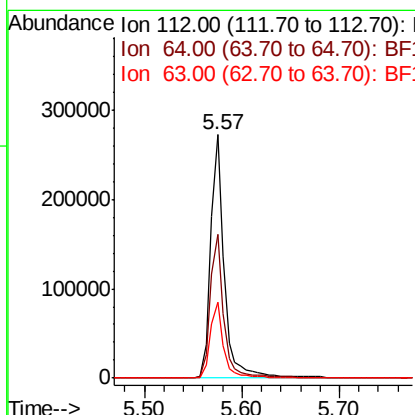
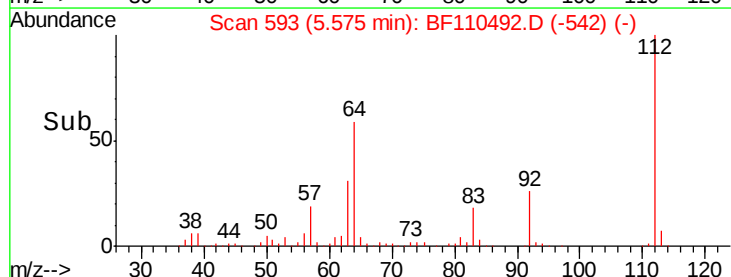


#5
 2-Fluorophenol
 Concen: 43.199 ng
 RT: 5.57 min Scan# 593
 Delta R.T. 0.00 min
 Lab File: BF110492.D
 Acq: 6 Nov 2018 4:28

Tgt Ion:112 Resp: 264743
 Ion Ratio Lower Upper
 112 100
 64 59.0 44.1 66.1
 63 31.2 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: 28.360 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110492.D

Acq: 6 Nov 2018 4:28

Instrument :

BNA_F

ClientSampleId :

110218-SIDI-E-D-B

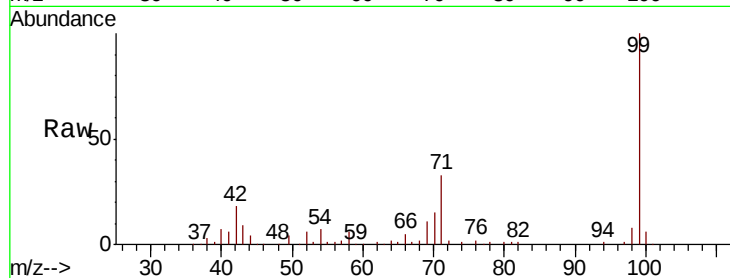
Tgt Ion: 99 Resp: 222307

Ion Ratio Lower Upper

99 100

42 17.8 15.8 23.6

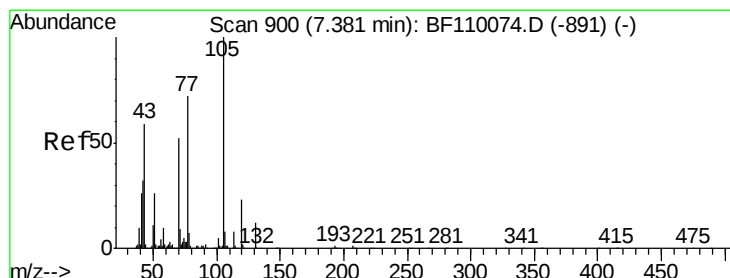
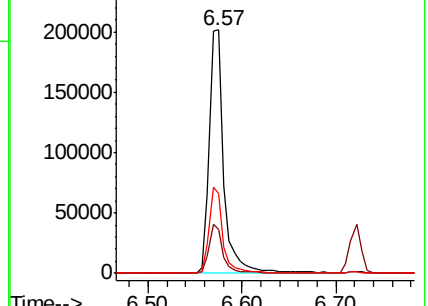
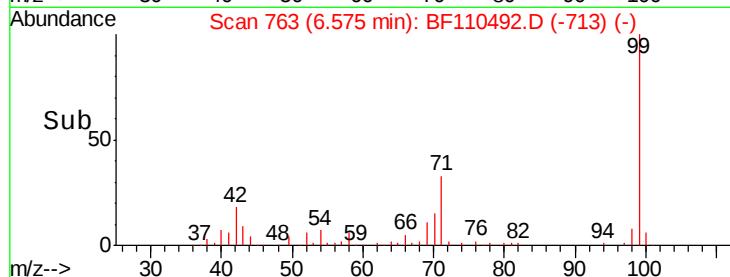
71 33.0 28.0 42.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 18.330 ng

RT: 7.52 min Scan# 924

Delta R.T. 0.16 min

Lab File: BF110492.D

Acq: 6 Nov 2018 4:28

Tgt Ion: 70 Resp: 92182

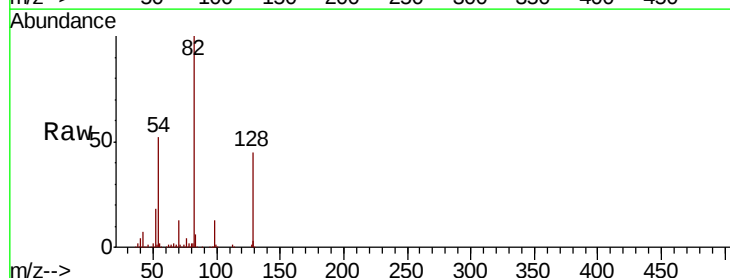
Ion Ratio Lower Upper

70 100

42 49.9 47.4 71.2

101 0.0 7.3 10.9#

130 2.1 16.2 24.2#

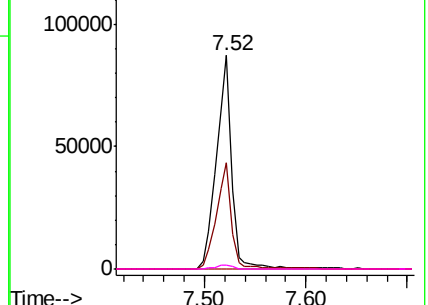
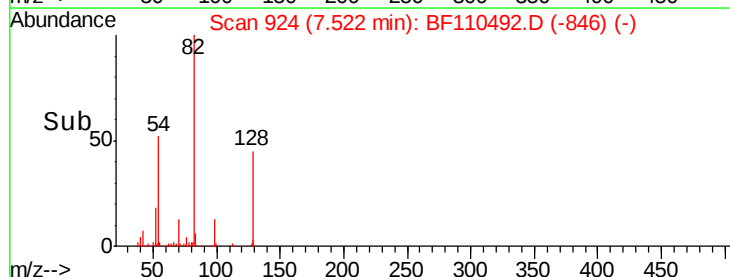


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

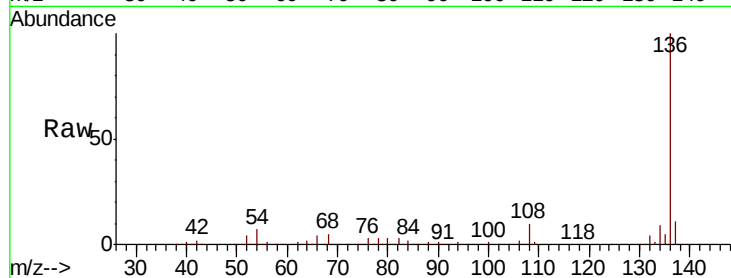




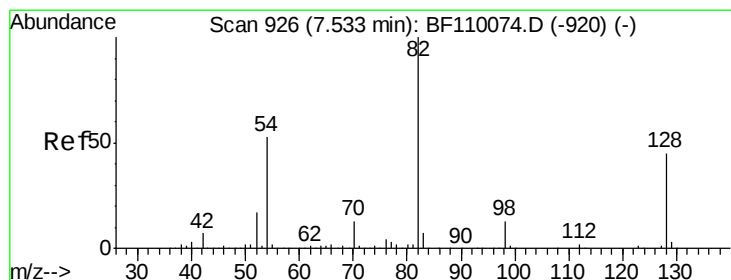
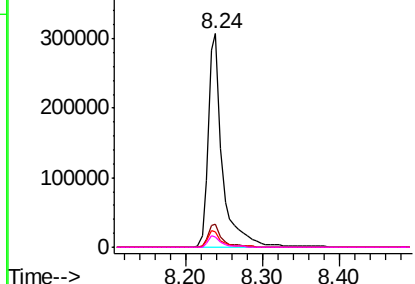
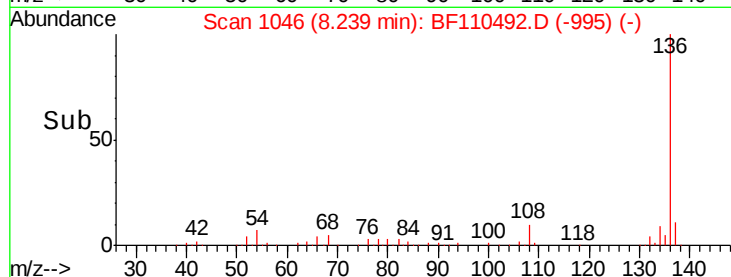
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110492.D
Acq: 6 Nov 2018 4:28

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

Tgt Ion:	136	Resp:	389146
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	7.4	5.4	8.2
68	4.5	4.2	6.2

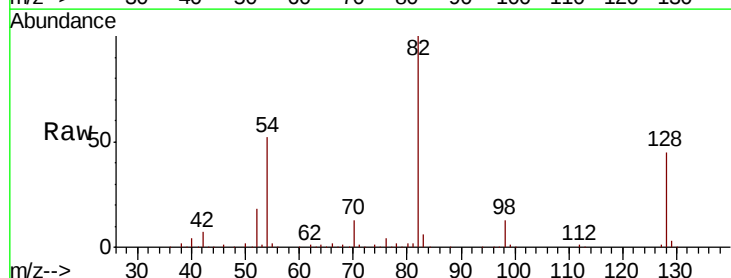


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

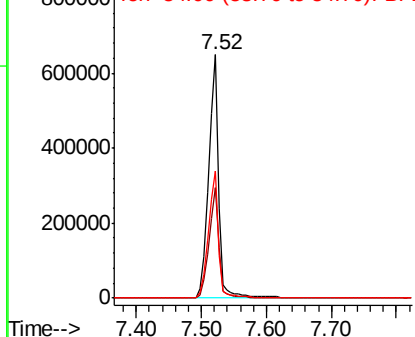
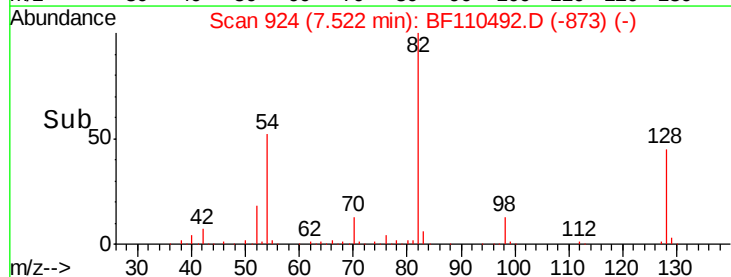


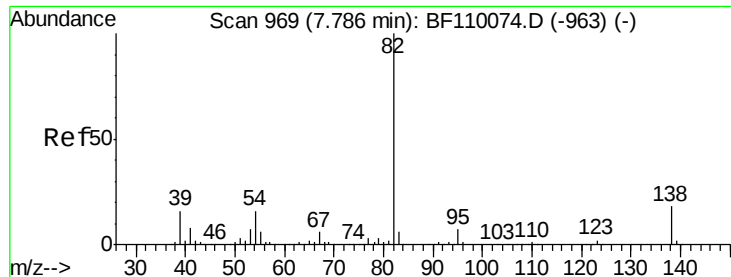
#23
Nitrobenzene-d5
Concen: 105.812 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF110492.D
Acq: 6 Nov 2018 4:28

Tgt Ion:	82	Resp:	694220
Ion	Ratio	Lower	Upper
82	100		
128	45.2	34.2	51.2
54	52.3	38.6	58.0



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: 62.074 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.25 min

Lab File: BF110492.D

Acq: 6 Nov 2018 4:28

Instrument :

BNA_F

ClientSampleId :

110218-SIDI-E-D-B

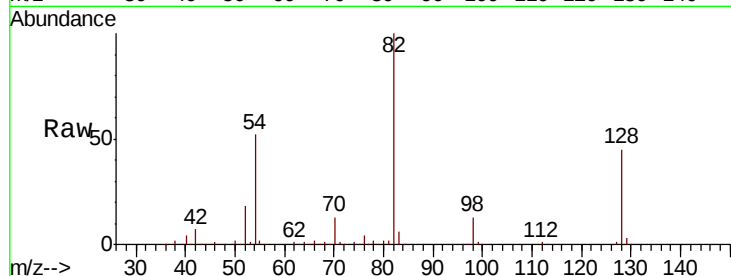
Tgt Ion: 82 Resp: 694216

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

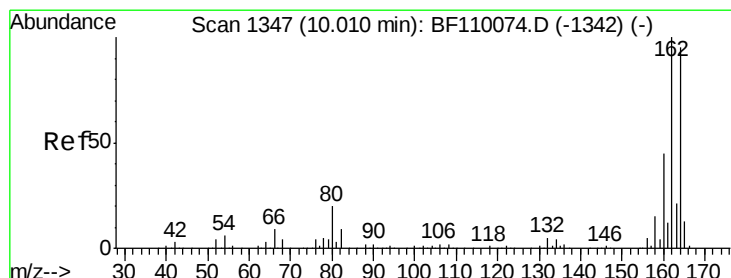
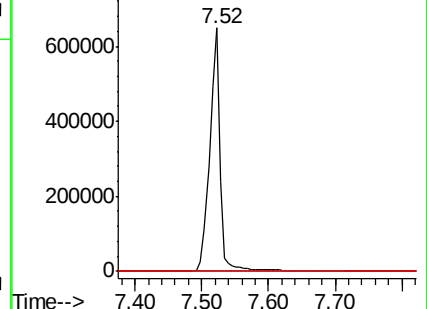
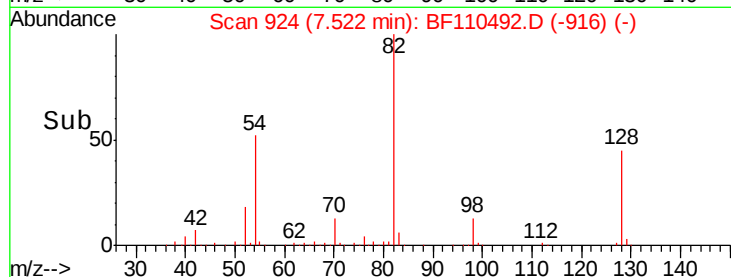
138 0.0 13.2 19.8#



Abundance Ion 82.00 (81.70 to 82.70): BF110492.D (-916) (-)

Ion 95.00 (94.70 to 95.70): BF110492.D (-916) (-)

Ion 138.00 (137.70 to 138.70): BF110492.D (-916) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BF110492.D

Acq: 6 Nov 2018 4:28

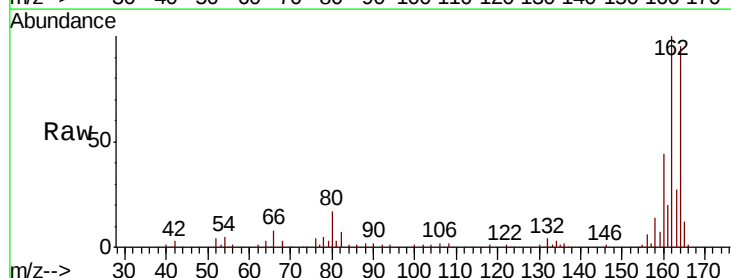
Tgt Ion: 164 Resp: 164310

Ion Ratio Lower Upper

164 100

162 105.4 83.0 124.6

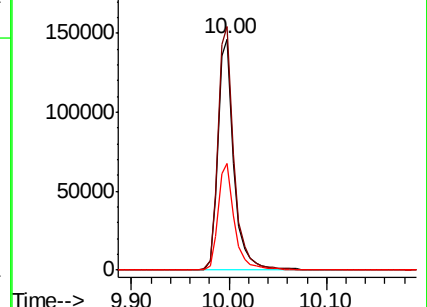
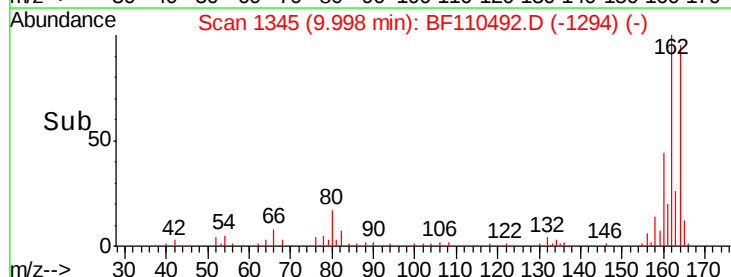
160 46.2 37.0 55.6

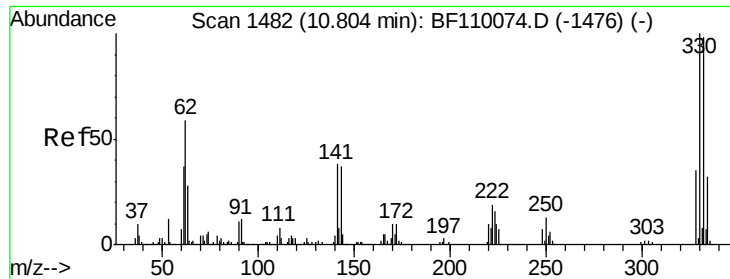


Abundance Ion 164.00 (163.70 to 164.70): BF110492.D (-1294) (-)

Ion 162.00 (161.70 to 162.70): BF110492.D (-1294) (-)

Ion 160.00 (159.70 to 160.70): BF110492.D (-1294) (-)

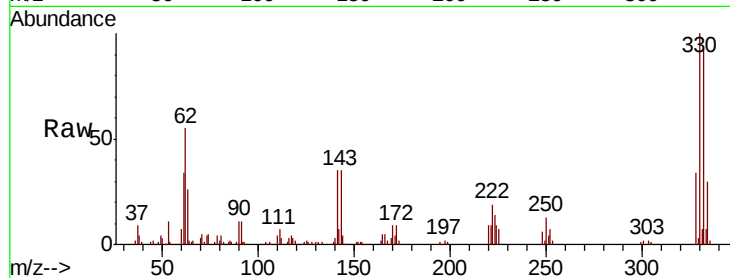




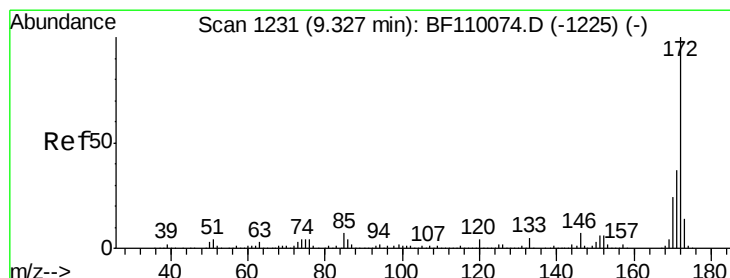
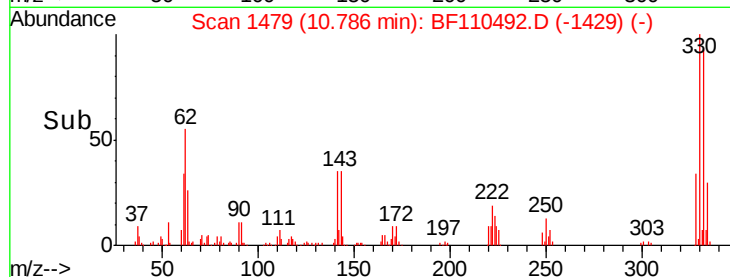
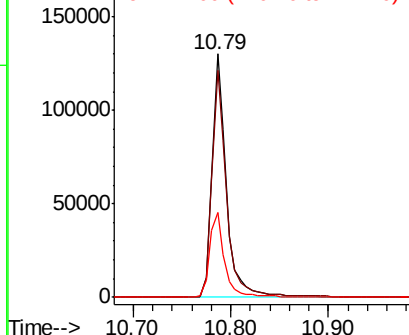
#42
 2,4,6-Tribromophenol
 Concen: 82.067 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF110492.D
 Acq: 6 Nov 2018 4:28

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

Tgt Ion:330 Resp: 133572
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.1 115.7
 141 36.4 27.0 40.4

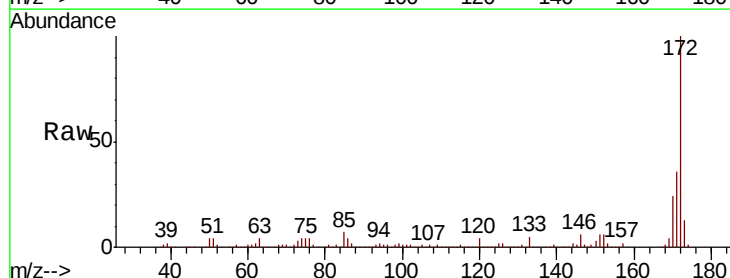


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

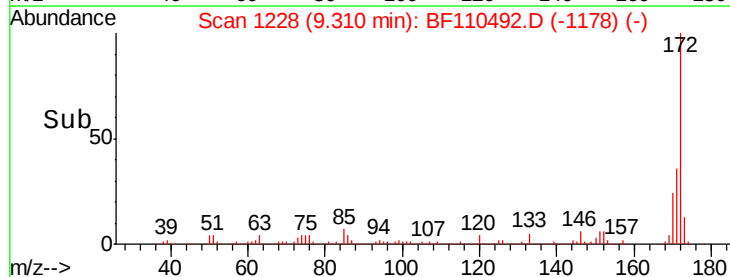
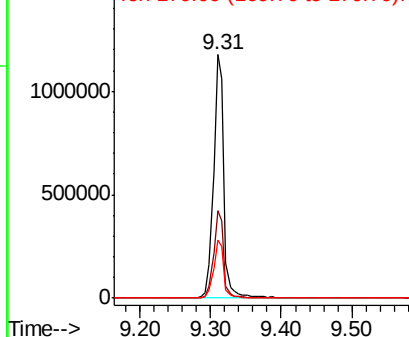


#45
 2-Fluorobiphenyl
 Concen: 115.578 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110492.D
 Acq: 6 Nov 2018 4:28

Tgt Ion:172 Resp: 1209396
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.6 43.0
 170 23.6 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

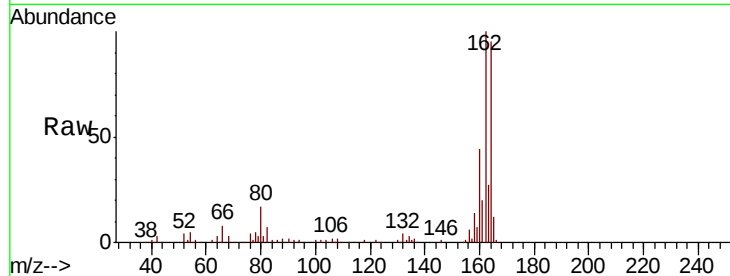




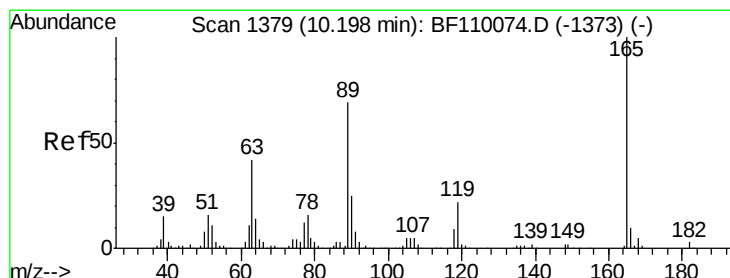
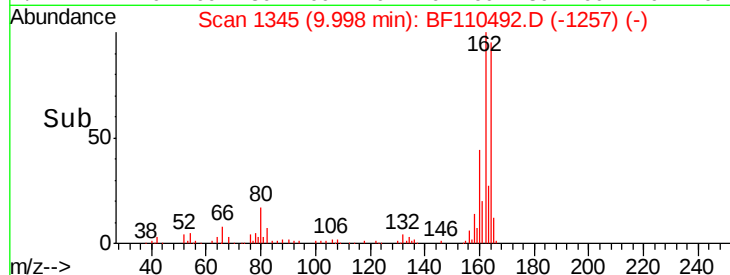
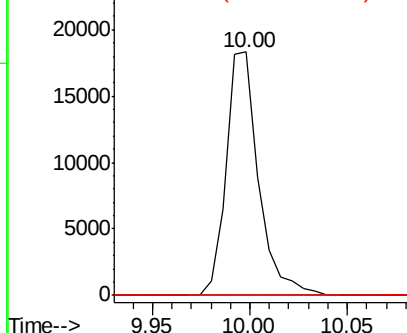
#51
2,6-Dinitrotoluene
Concen: 8.041 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.22 min
Lab File: BF110492.D
Acq: 6 Nov 2018 4:28

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

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



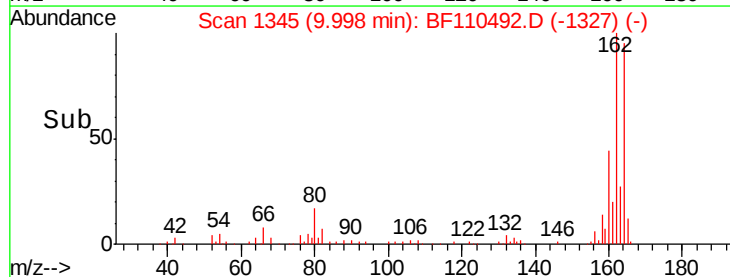
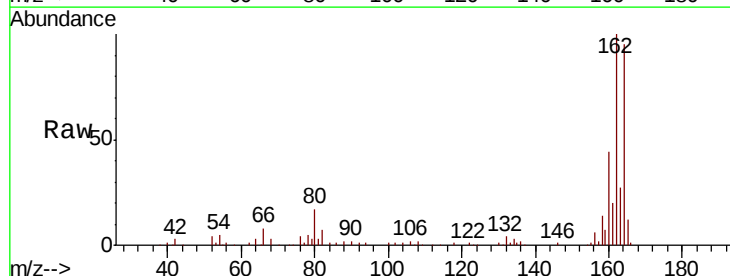
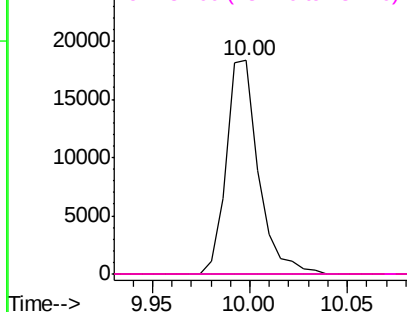
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

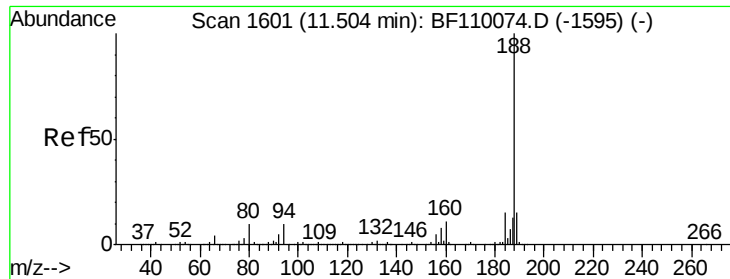


#57
2,4-Dinitrotoluene
Concen: 6.331 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.19 min
Lab File: BF110492.D
Acq: 6 Nov 2018 4:28

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#

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

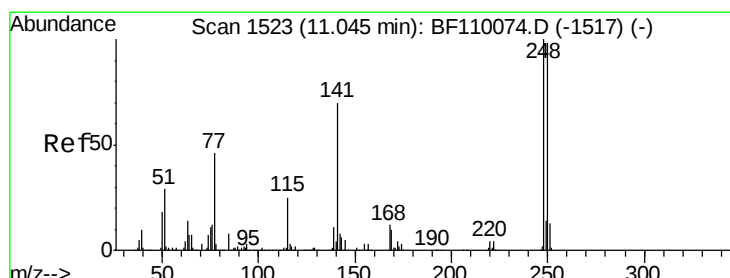
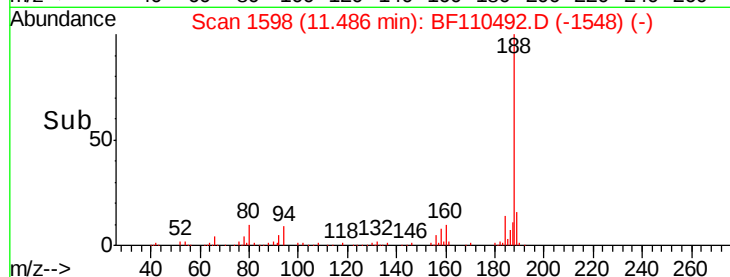
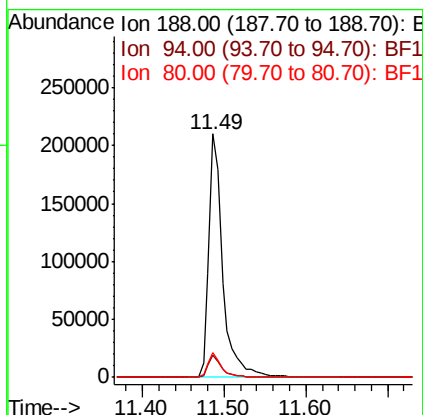
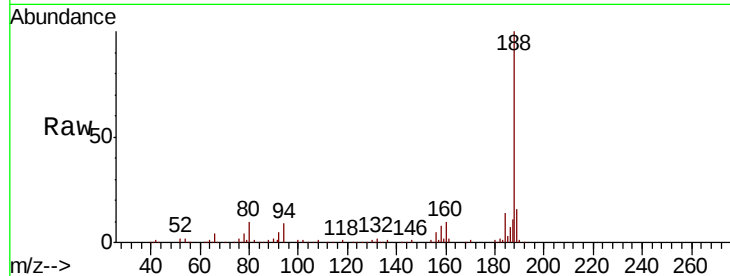




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF110492.D
Acq: 6 Nov 2018 4:28

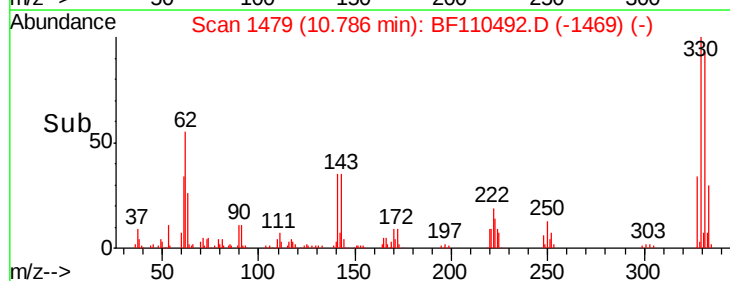
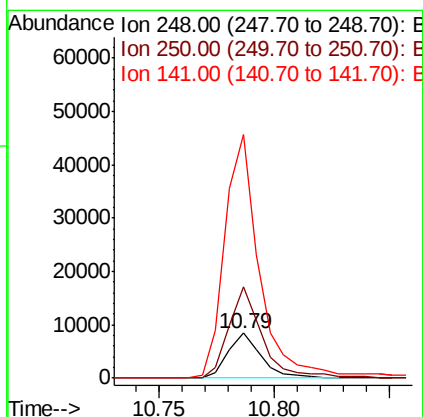
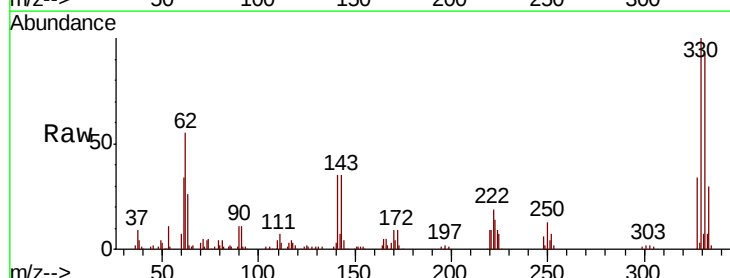
Instrument :
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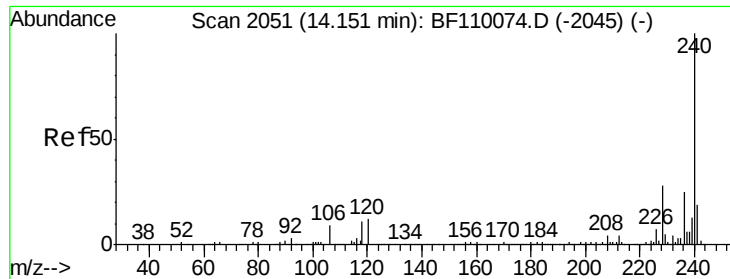
Tgt Ion:188 Resp: 247502
Ion Ratio Lower Upper
188 100
94 9.2 7.2 10.8
80 10.3 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 3.112 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.24 min
Lab File: BF110492.D
Acq: 6 Nov 2018 4:28

Tgt Ion:248 Resp: 8354
Ion Ratio Lower Upper
248 100
250 205.6 79.4 119.2#
141 546.1 55.9 83.9#

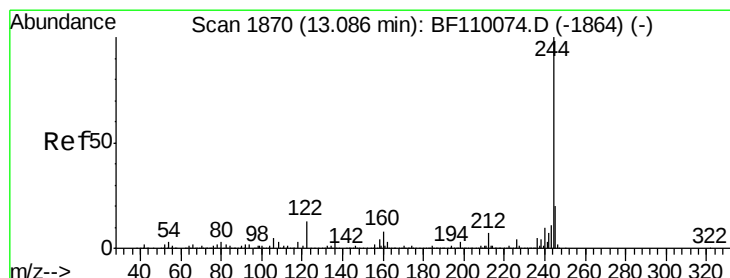
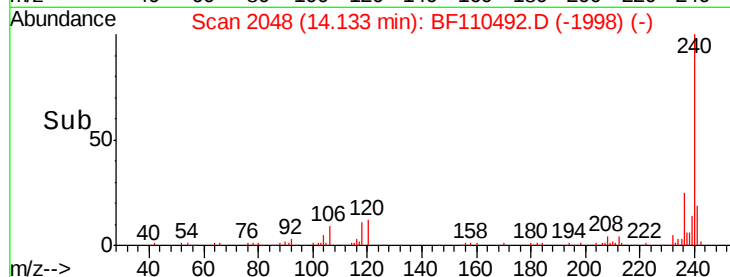
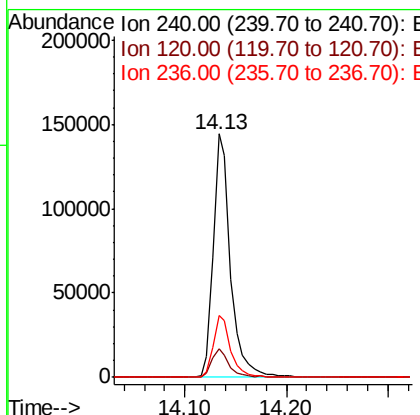
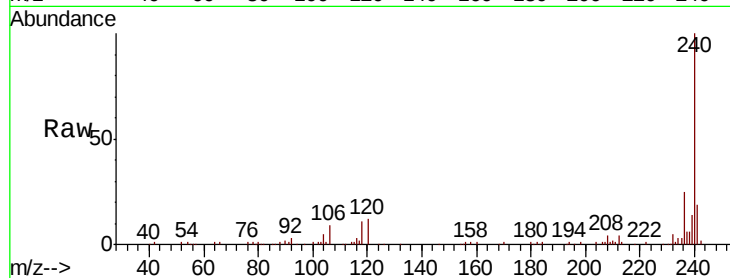




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: BF110492.D
 Acq: 6 Nov 2018 4:28

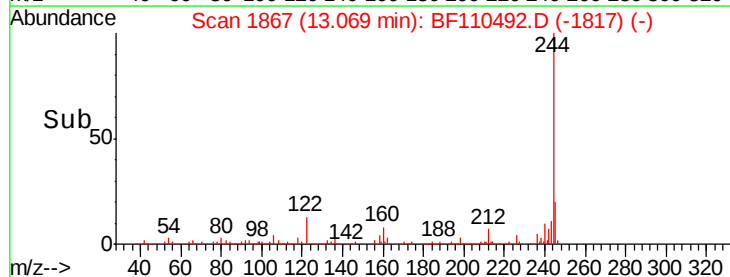
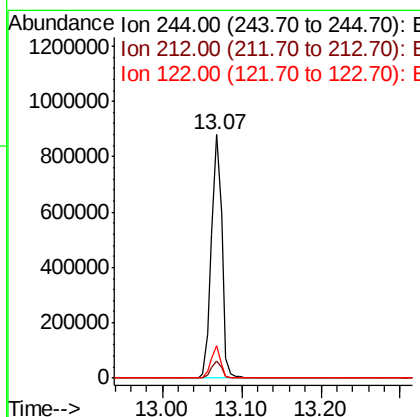
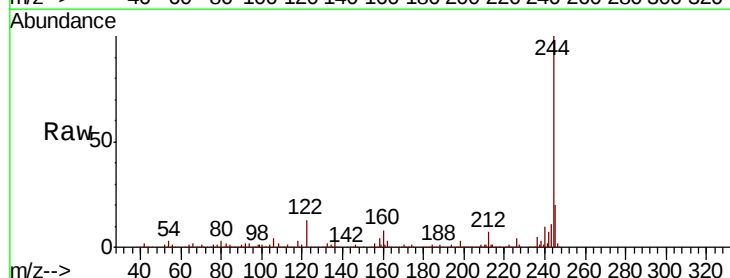
Instrument :
 BNA_F
 ClientSampleId :
 110218-SIDI-E-D-B

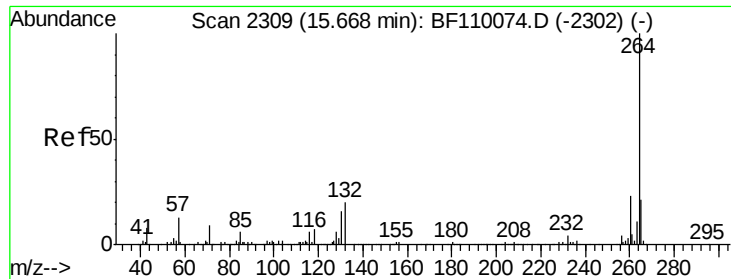
Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.8	8.3	12.5
236	25.3	21.2	31.8



#79
 Terphenyl-d14
 Concen: 98.887 ng
 RT: 13.07 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: BF110492.D
 Acq: 6 Nov 2018 4:28

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	13.3	8.7	13.1#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.01 min
Lab File: BF110492.D
Acq: 6 Nov 2018 4:28

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	20.3	16.7	25.1

