

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
 Data File : BF110453.D
 Acq On : 3 Nov 2018 11:14
 Operator : JU/SJ
 Sample : PB114423BL
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 05 03:50:53 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

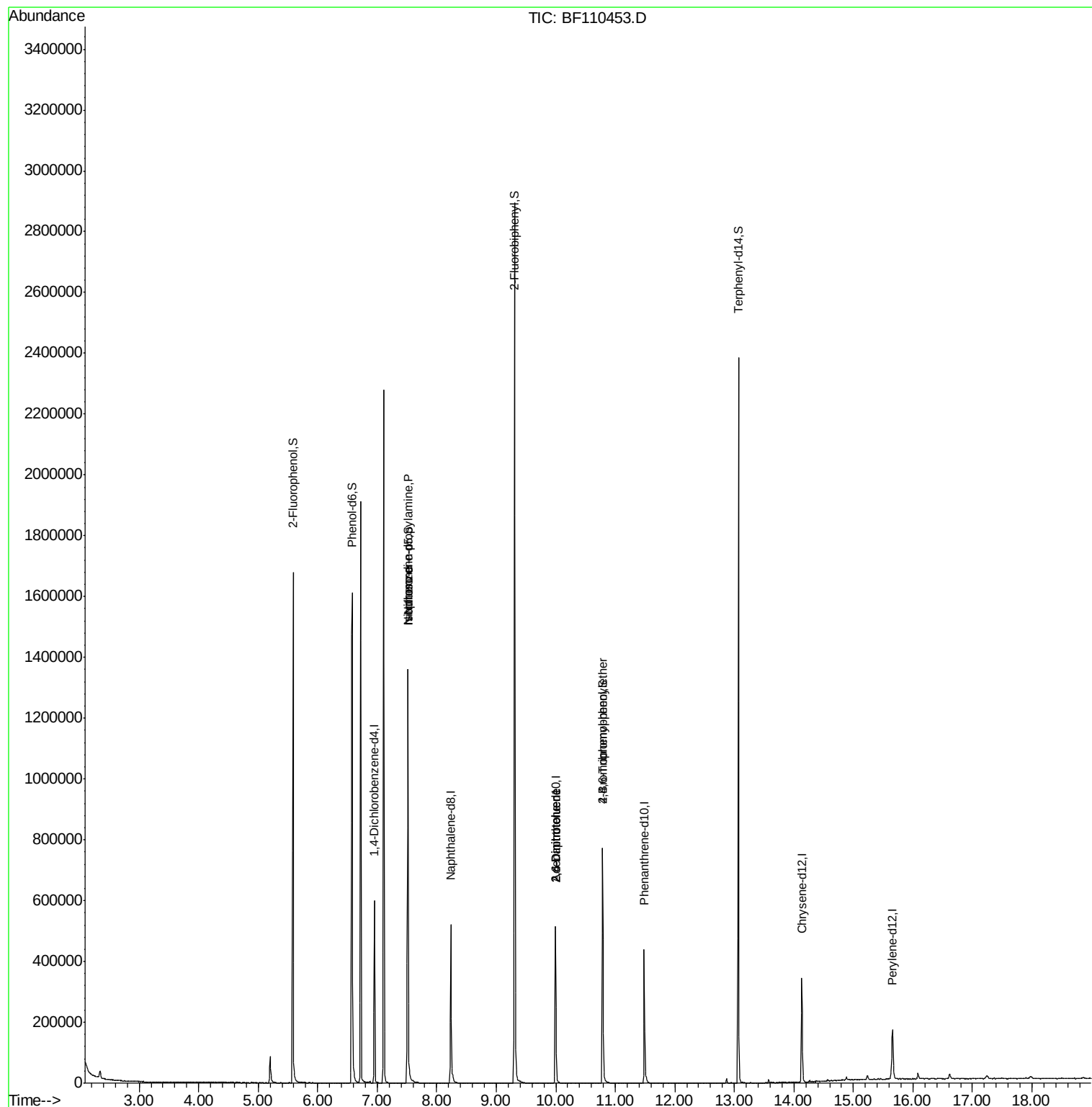
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	87981	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	321406	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	128979	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	210041	20.00	ng	0.00
76) Chrysene-d12	14.13	240	139119	20.00	ng	0.00
87) Perylene-d12	15.66	264	98491	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	492255	91.11	ng	0.01
7) Phenol-d6	6.58	99	605859	87.67	ng	0.00
23) Nitrobenzene-d5	7.52	82	549621	101.43	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	100062	78.32	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	951497	115.84	ng	0.00
79) Terphenyl-d14	13.07	244	764991	114.36	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	73035	16.474	ng	# 78
25) Isophorone	7.52	82	549618	59.502	ng	# 67
51) 2,6-Dinitrotoluene	9.99	165	16524	8.057	ng	# 22
57) 2,4-Dinitrotoluene	9.99	165	16524	6.343	ng	# 19
67) 4-Bromophenyl-phenylether	10.79	248	6111	2.682	ng	# 1

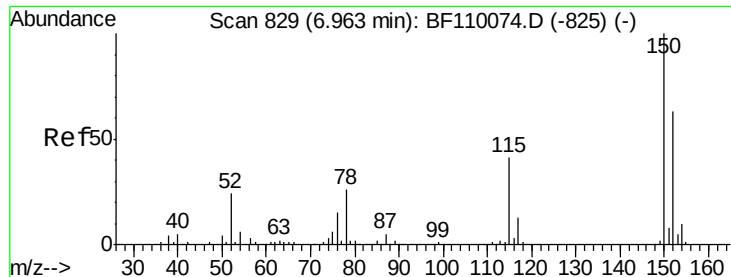
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 40 Sample Multiplier: 1

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BNA_F
ClientSampleId :

Quant Time: Nov 05 03:50:53 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



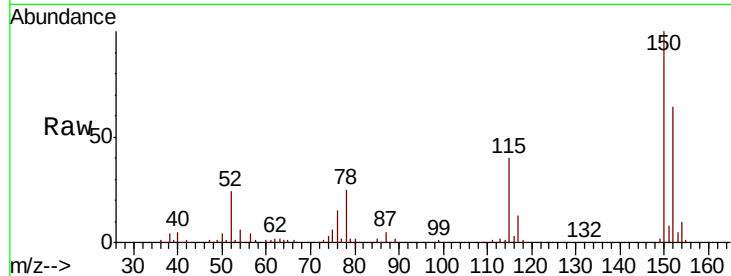


#1

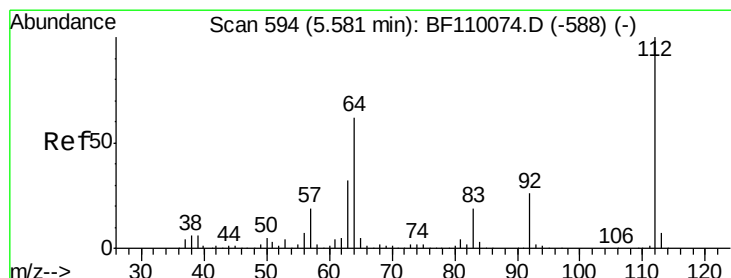
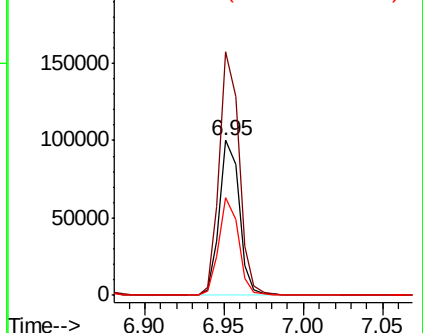
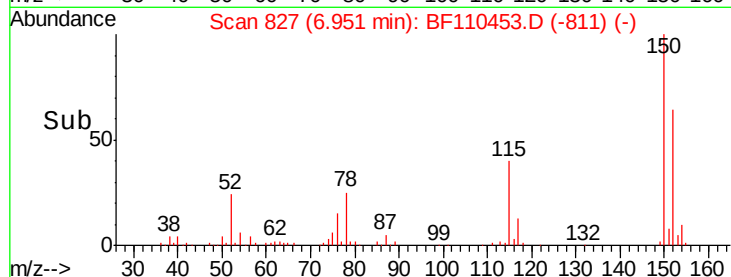
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110453.D
Acq: 3 Nov 2018 11:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 87981
Ion Ratio Lower Upper
152 100
150 157.3 122.7 184.1
115 63.0 49.1 73.7



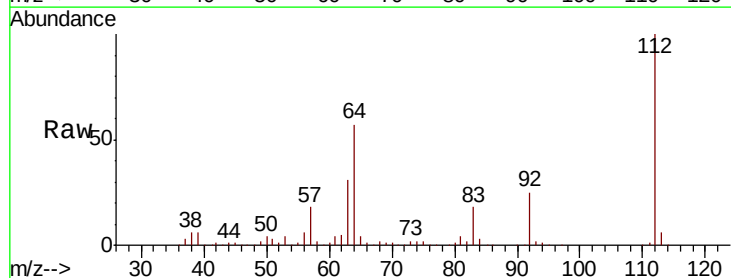
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



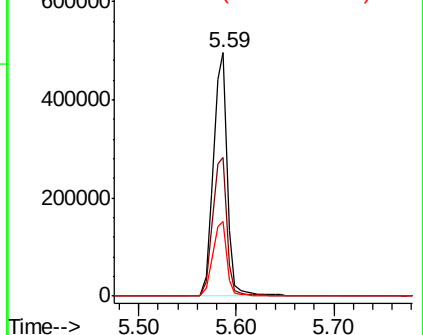
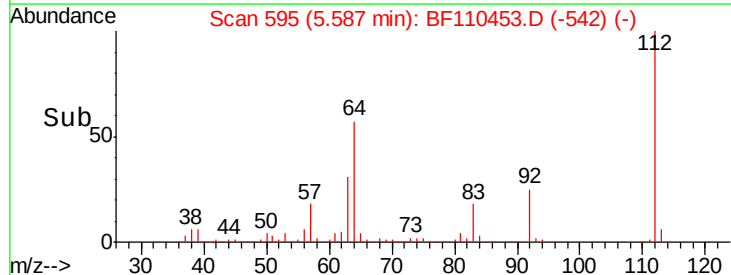
#5

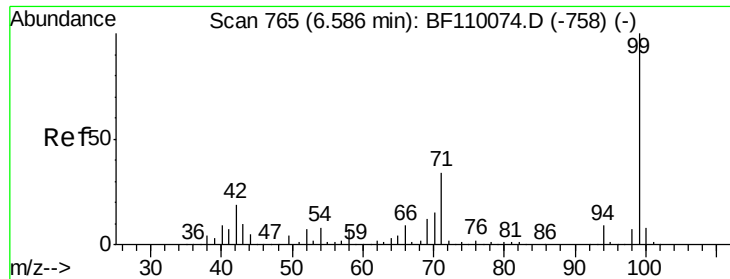
2-Fluorophenol
Concen: 91.112 ng
RT: 5.59 min Scan# 595
Delta R.T. 0.01 min
Lab File: BF110453.D
Acq: 3 Nov 2018 11:14

Tgt Ion:112 Resp: 492255
Ion Ratio Lower Upper
112 100
64 57.0 44.1 66.1
63 30.7 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: 87.672 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF110453.D

Acq: 3 Nov 2018 11:14

Instrument :

BNA_F

ClientSampleId :

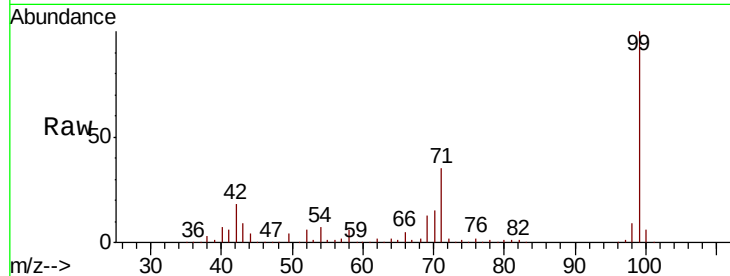
Tot Ion: 99 Resp: 605859

Ion Ratio Lower Upper

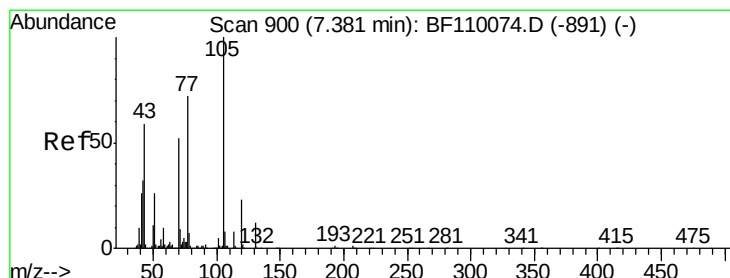
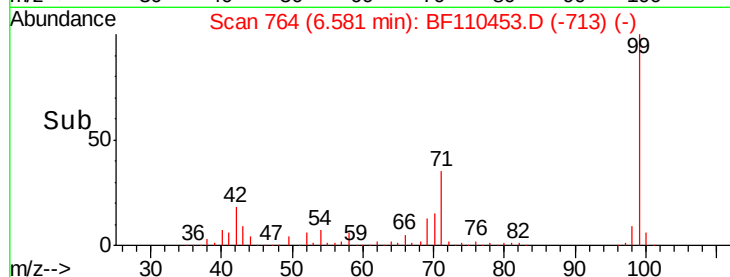
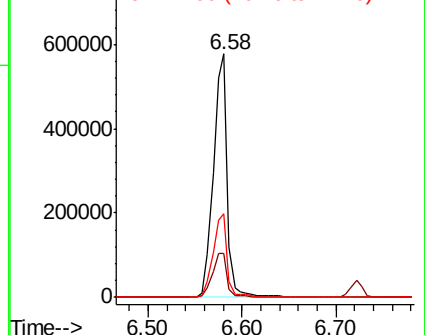
99 100

42 17.8 15.8 23.6

71 34.5 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: 16.474 ng

RT: 7.52 min Scan# 923

Delta R.T. 0.15 min

Lab File: BF110453.D

Acq: 3 Nov 2018 11:14

Tgt Ion: 70 Resp: 73035

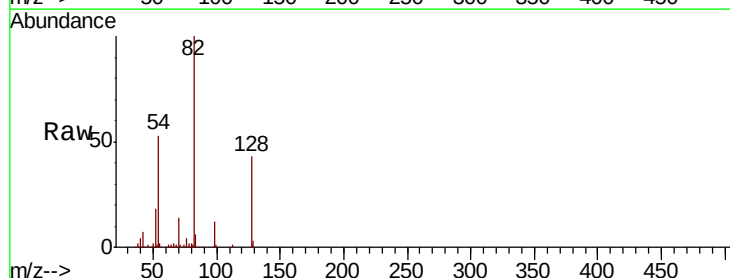
Ion Ratio Lower Upper

70 100

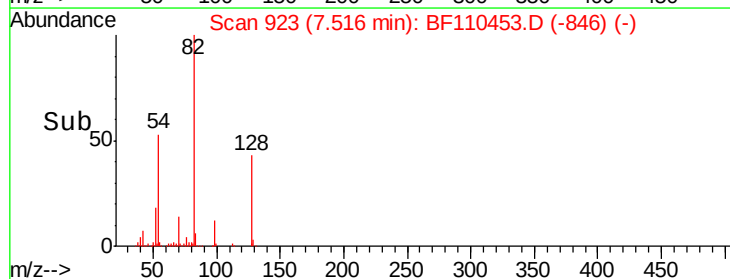
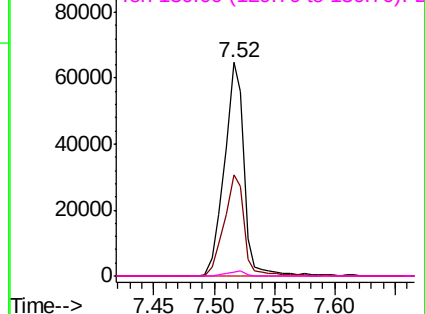
42 47.2 47.4 71.2#

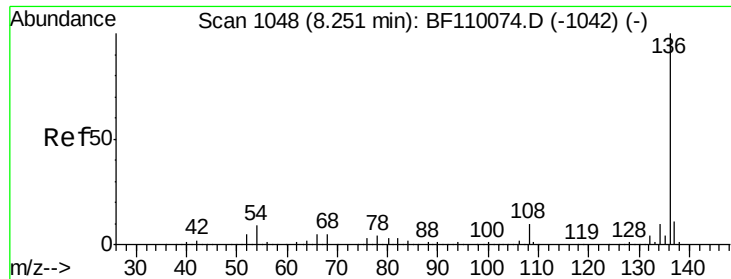
101 0.0 7.3 10.9#

130 2.0 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

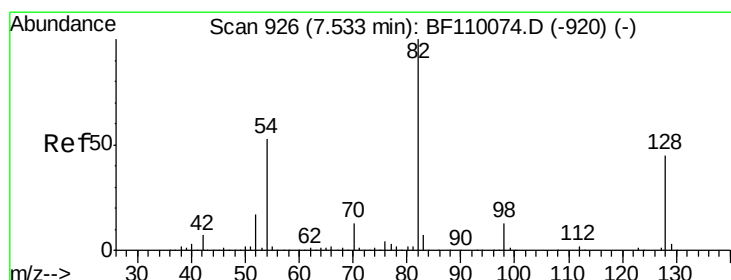
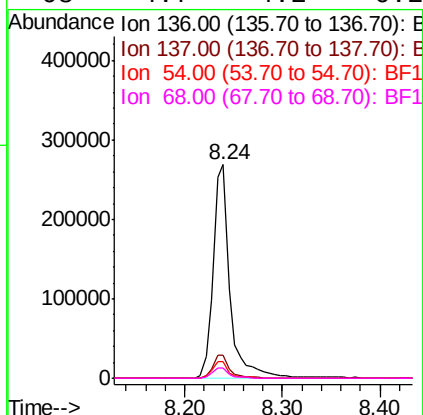
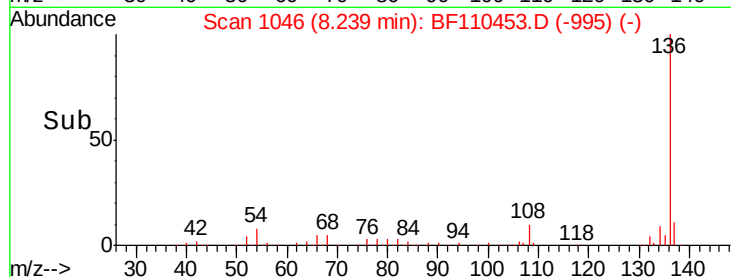
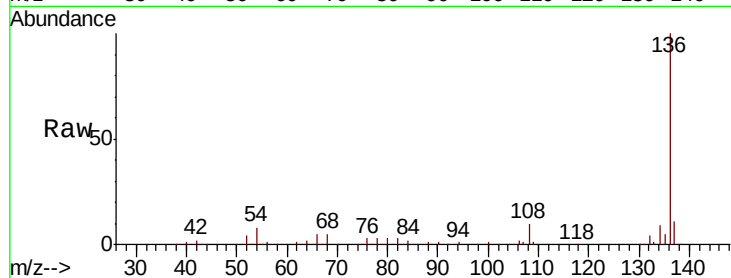




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110453.D
Acq: 3 Nov 2018 11:14

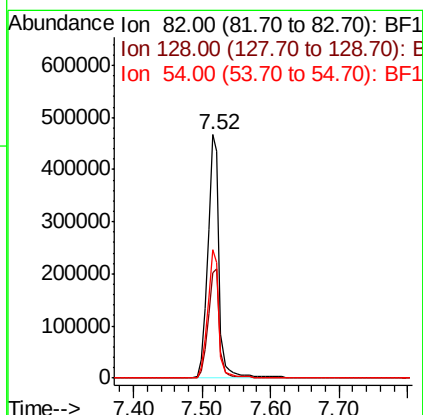
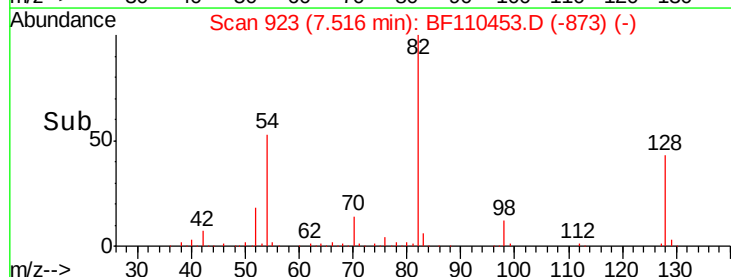
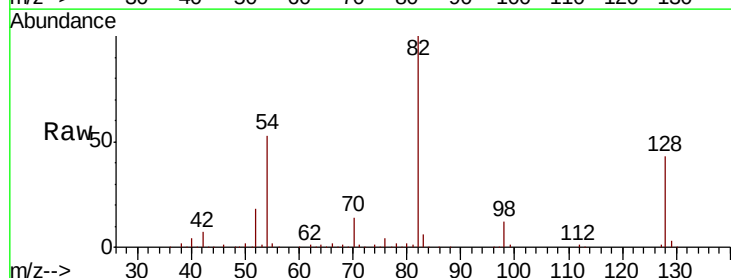
Instrument :
BNA_F
ClientSampleId :

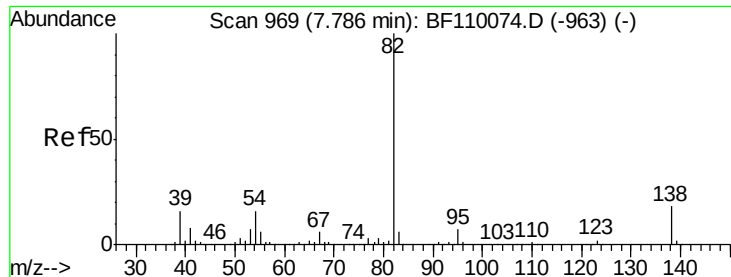
Tot Ion:136	Resp:	321406
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.8 13.2
54	7.7	5.4 8.2
68	4.7	4.2 6.2



#23
Nitrobenzene-d5
Concen: 101.429 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF110453.D
Acq: 3 Nov 2018 11:14

Tgt Ion: 82	Resp:	549621
Ion Ratio	Lower	Upper
82	100	
128	43.3	34.2 51.2
54	52.6	38.6 58.0

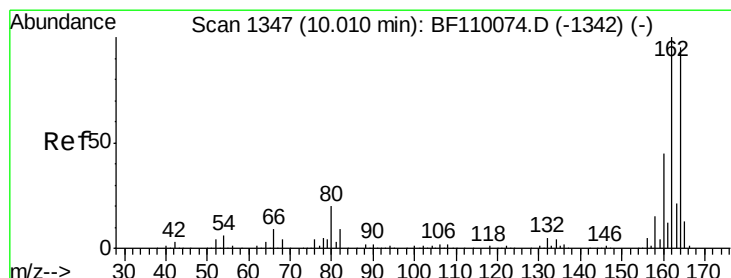
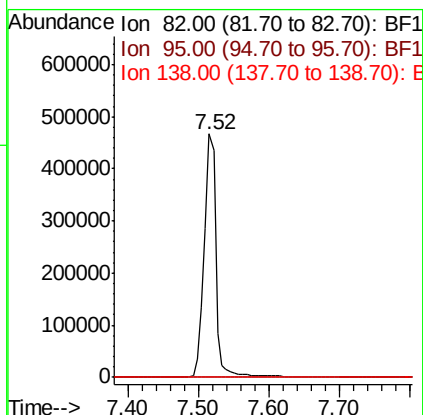
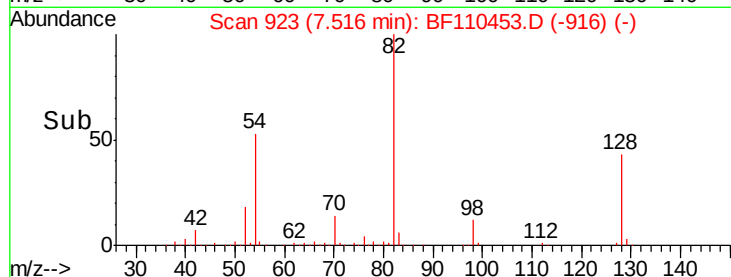
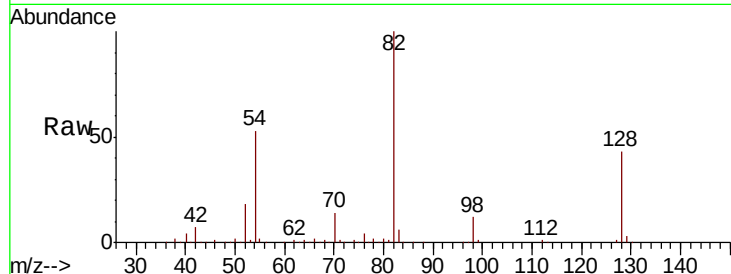




#25
Isophorone
Concen: 59.502 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.26 min
Lab File: BF110453.D
Acq: 3 Nov 2018 11:14

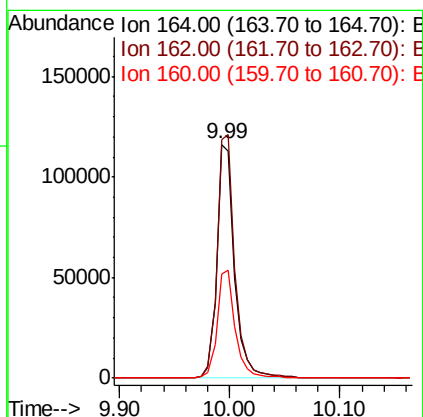
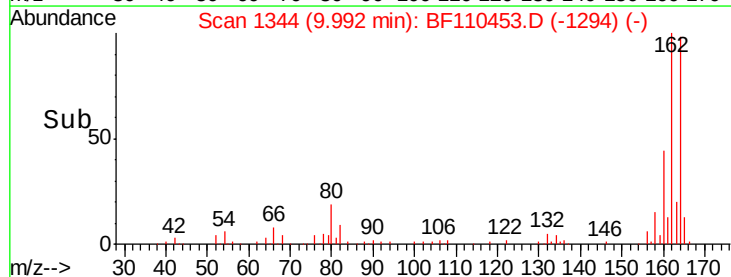
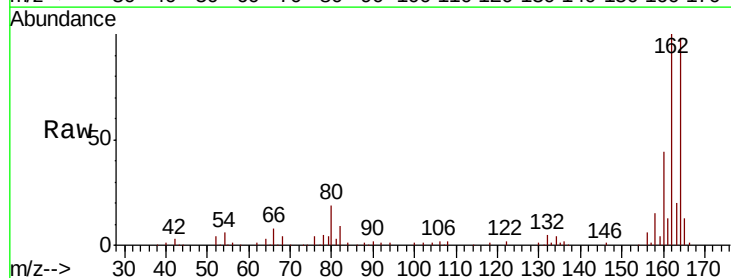
Instrument :
BNA_F
ClientSampleId :

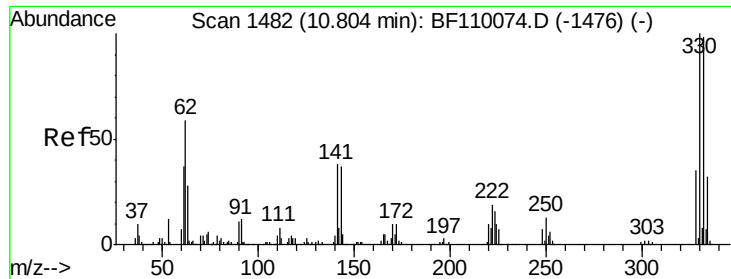
Tot Ion: 82 Resp: 549618
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF110453.D
Acq: 3 Nov 2018 11:14

Tgt Ion:164 Resp: 128979
Ion Ratio Lower Upper
164 100
162 102.3 83.0 124.6
160 44.6 37.0 55.6

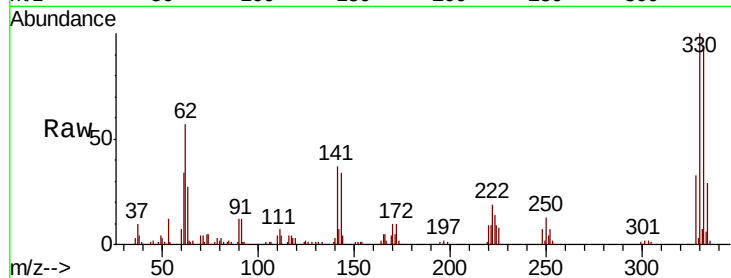




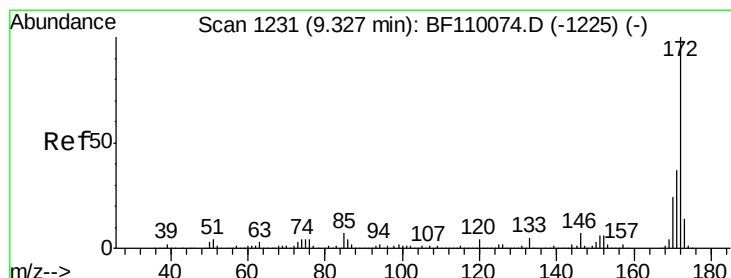
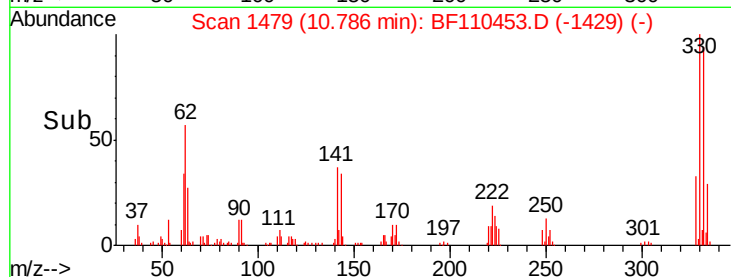
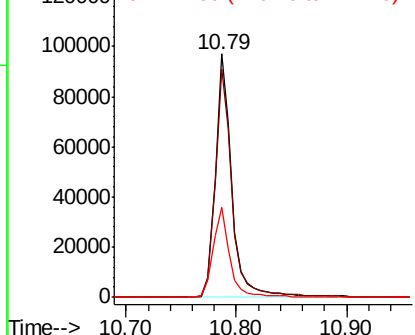
#42
 2,4,6-Tribromophenol
 Concen: 78.319 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF110453.D
 Acq: 3 Nov 2018 11:14

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 100062
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.1 115.7
 141 36.9 27.0 40.4

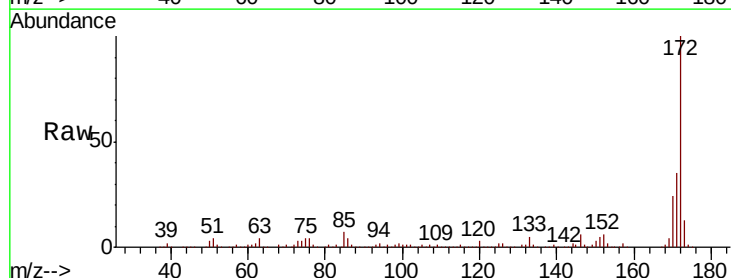


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

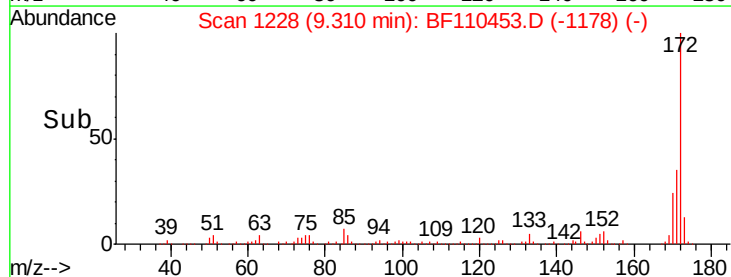
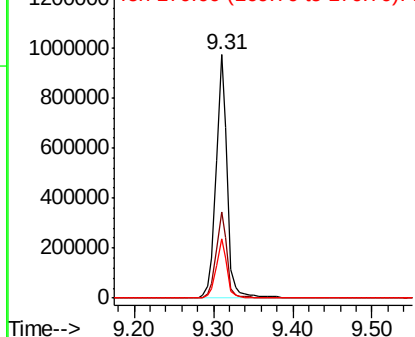


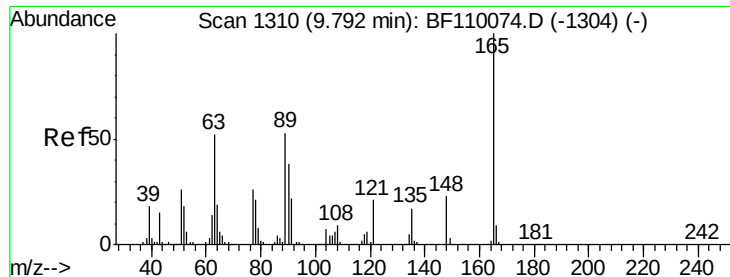
#45
 2-Fluorobiphenyl
 Concen: 115.840 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110453.D
 Acq: 3 Nov 2018 11:14

Tgt Ion:172 Resp: 951497
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.6 43.0
 170 24.4 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: 8.057 ng

RT: 9.99 min Scan# 1344

Delta R.T. 0.21 min

Lab File: BF110453.D

Acq: 3 Nov 2018 11:14

Instrument :

BNA_F

ClientSampleId :

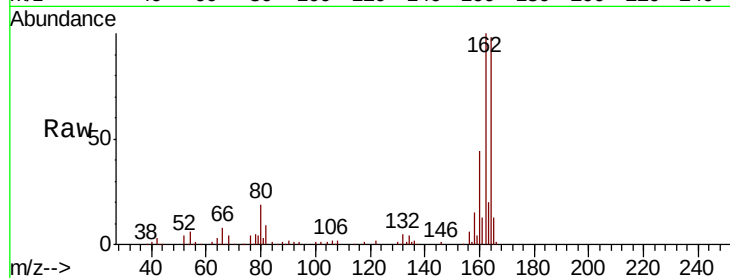
Tot Ion:165 Resp: 16524

Ion Ratio Lower Upper

165 100

63 0.0 48.9 73.3#

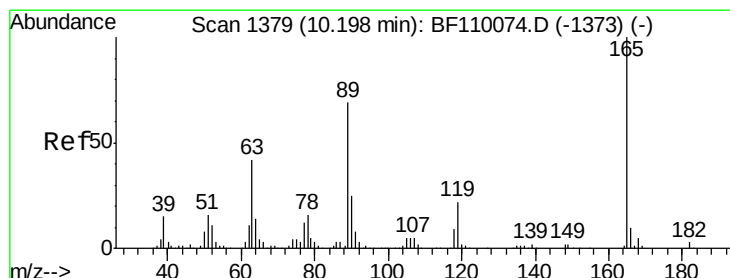
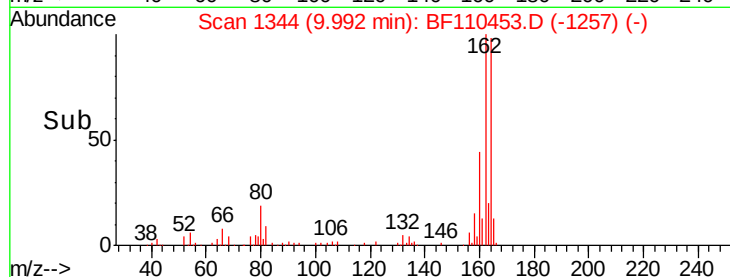
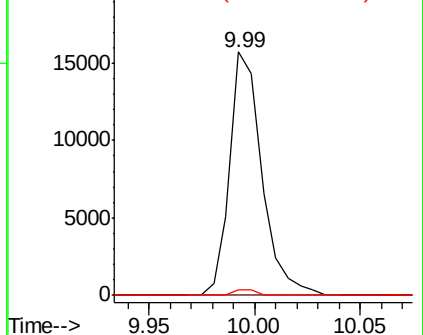
89 2.0 46.6 69.8#



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: 6.343 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.20 min

Lab File: BF110453.D

Acq: 3 Nov 2018 11:14

Tgt Ion:165 Resp: 16524

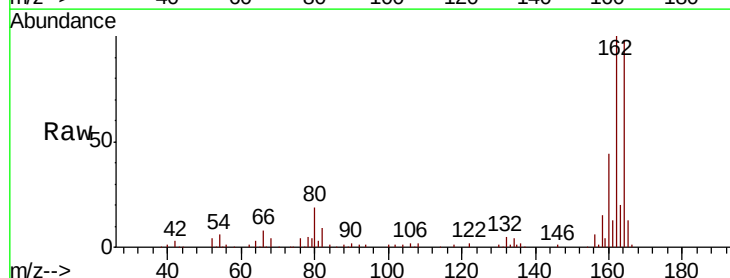
Ion Ratio Lower Upper

165 100

63 0.0 44.8 67.2#

89 2.0 62.2 93.4#

182 0.0 2.1 3.1#

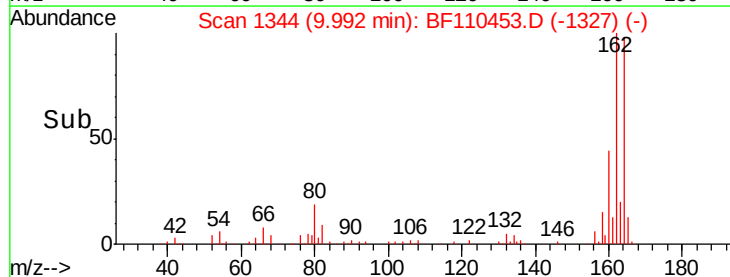
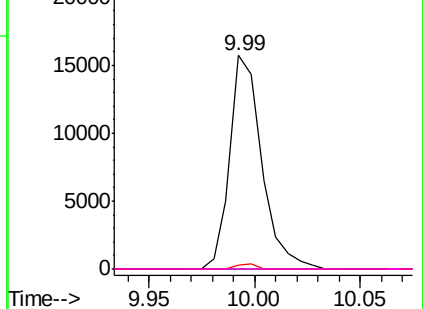


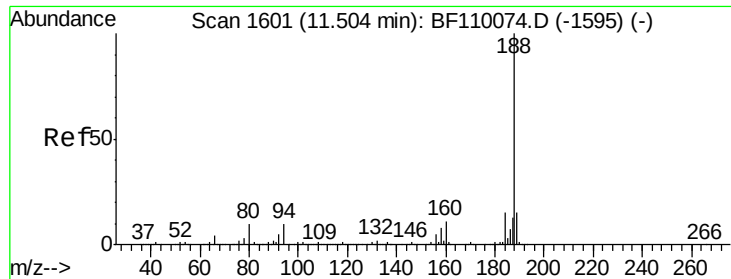
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF110453.D

Acq: 3 Nov 2018 11:14

Instrument :

BNA_F

ClientSampled :

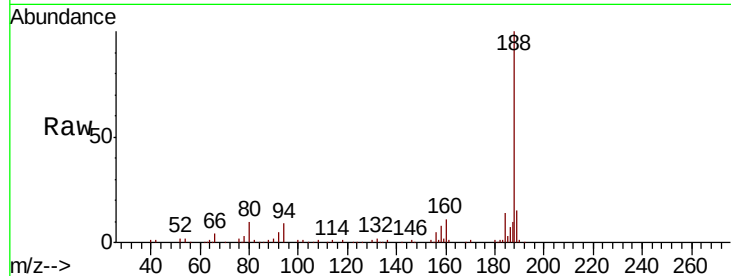
Tot Ion:188 Resp: 210041

Ion Ratio Lower Upper

188 100

94 9.0 7.2 10.8

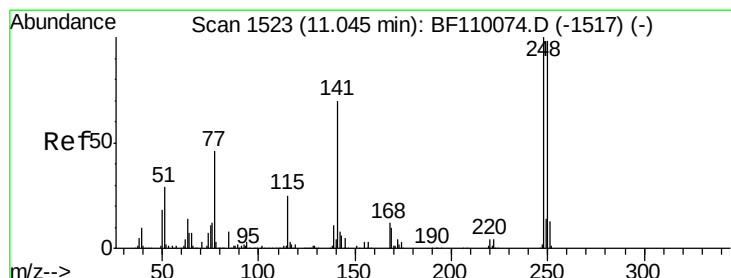
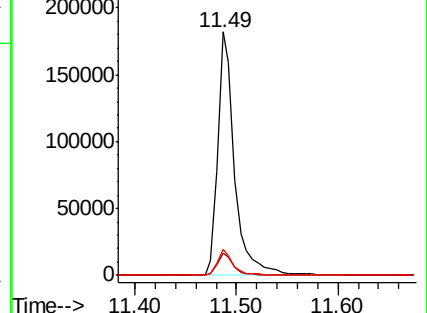
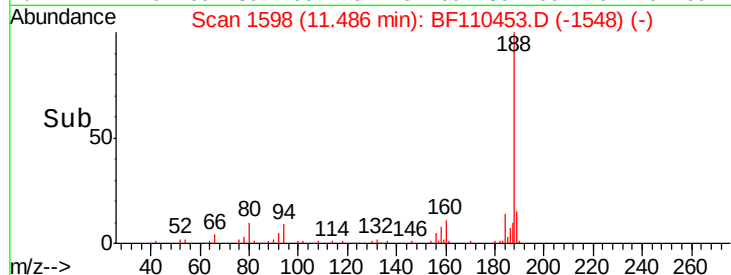
80 10.5 7.9 11.9



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



#67

4-Bromophenyl-phenylether

Concen: 2.682 ng

RT: 10.79 min Scan# 1479

Delta R.T. -0.24 min

Lab File: BF110453.D

Acq: 3 Nov 2018 11:14

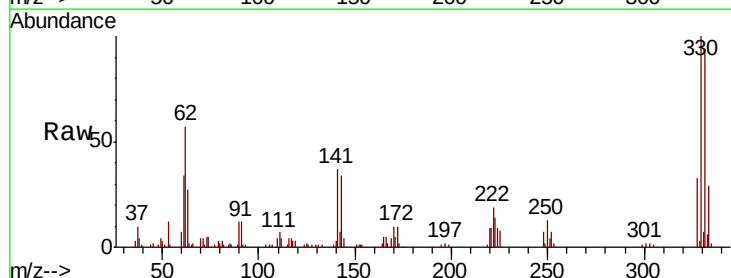
Tgt Ion:248 Resp: 6111

Ion Ratio Lower Upper

248 100

250 186.8 79.4 119.2#

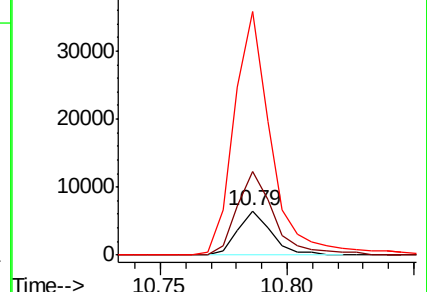
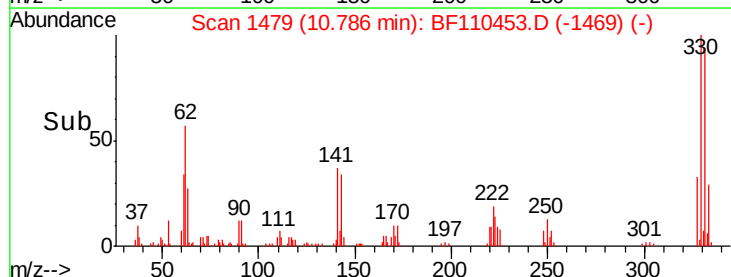
141 547.4 55.9 83.9#

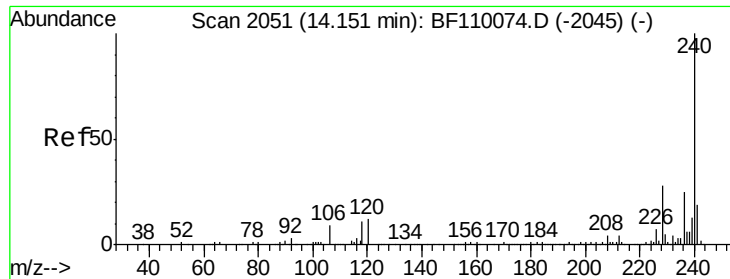


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

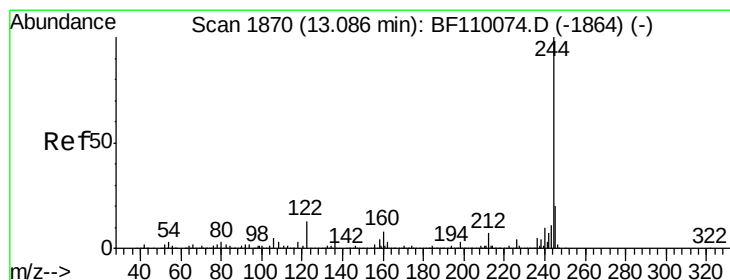
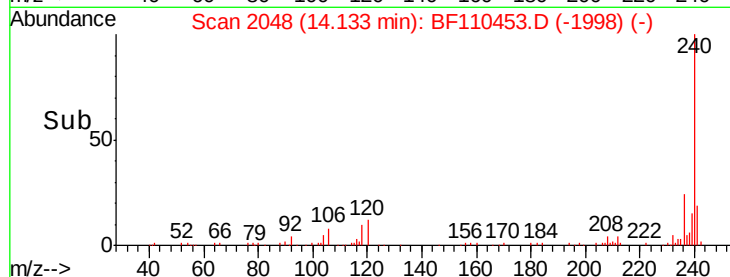
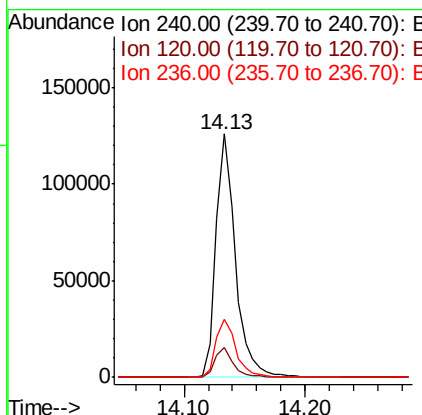
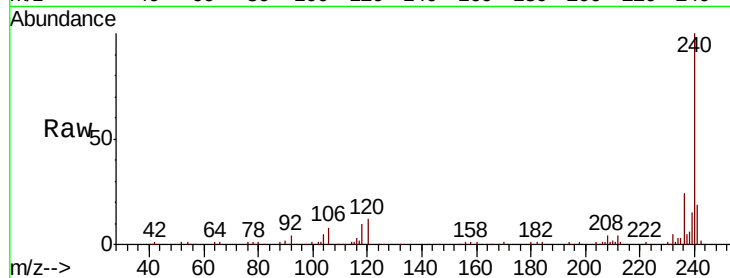




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110453.D
Acq: 3 Nov 2018 11:14

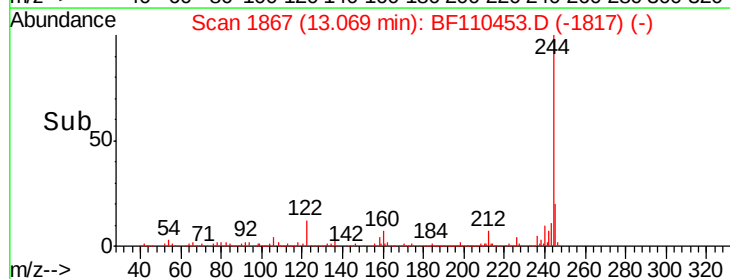
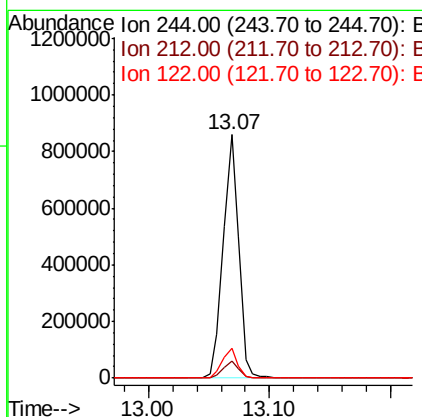
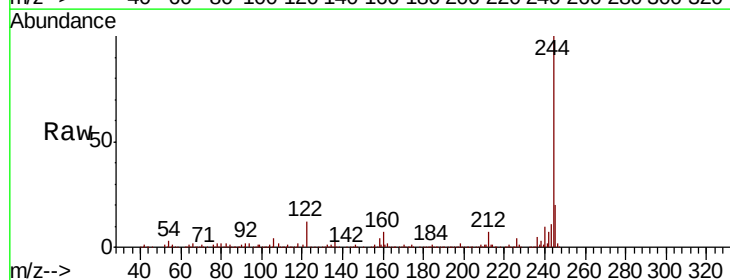
Instrument :
BNA_F
ClientSampleId :

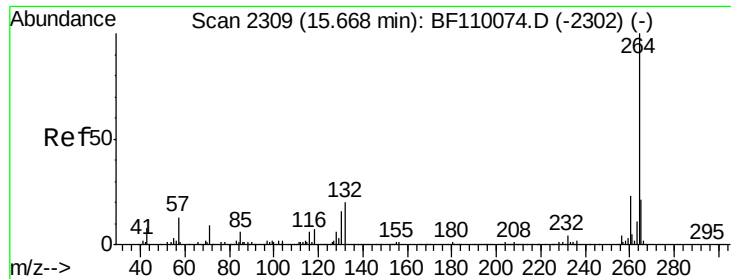
Tot Ion:240 Resp: 139119
Ion Ratio Lower Upper
240 100
120 12.1 8.3 12.5
236 24.0 21.2 31.8



#79
Terphenyl-d14
Concen: 114.360 ng
RT: 13.07 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BF110453.D
Acq: 3 Nov 2018 11:14

Tgt Ion:244 Resp: 764991
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.8
122 12.5 8.7 13.1

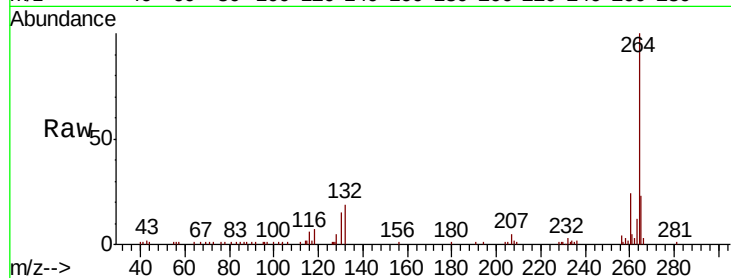




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110453.D
Acq: 3 Nov 2018 11:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	24.2	18.7	28.1	
265	23.3	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

