

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\
 Data File : BF110396.D
 Acq On : 2 Nov 2018 7:17
 Operator : JU/SJ
 Sample : J5741-58
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 02 08:36:57 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

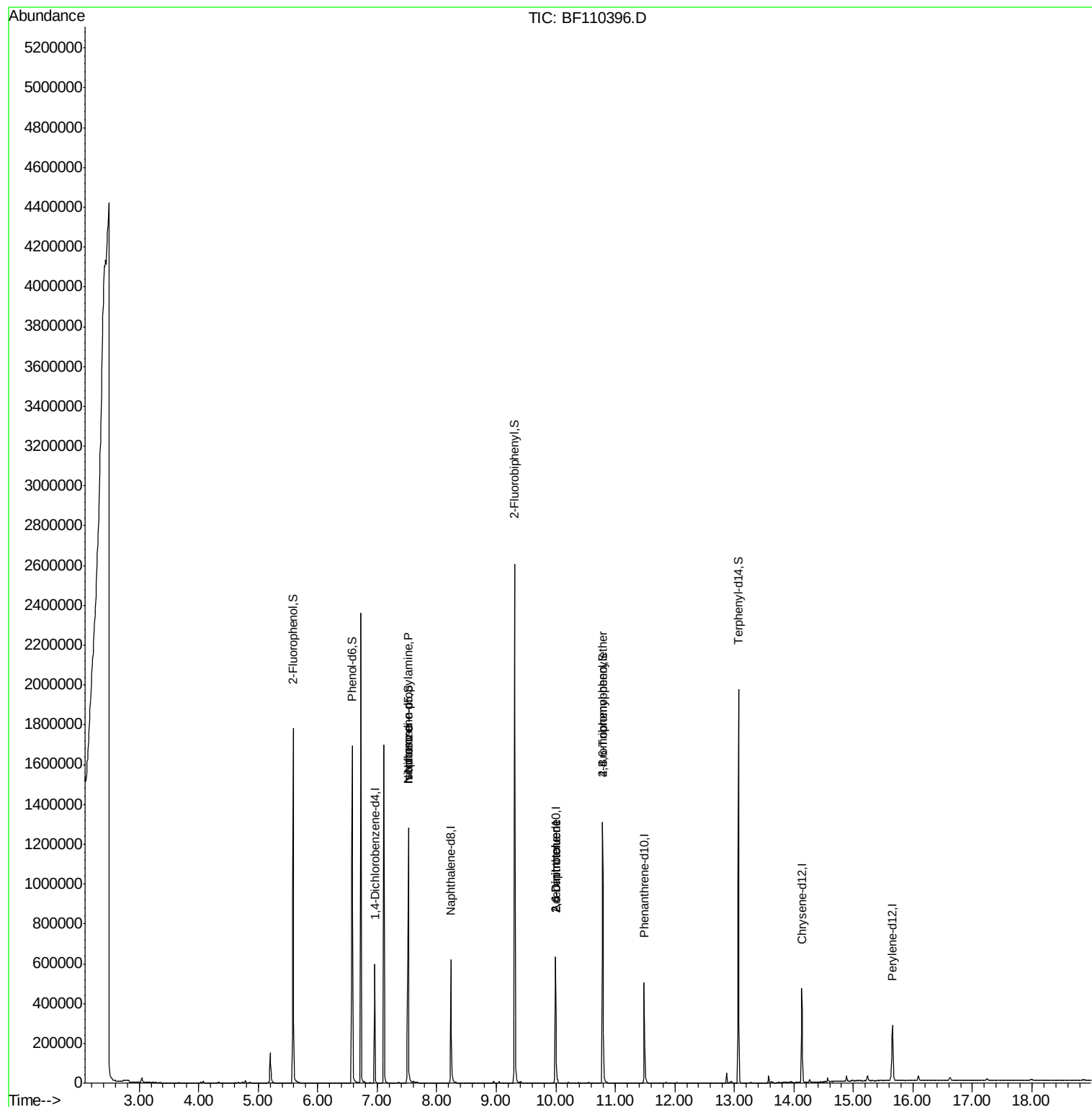
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	80498	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	314271	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	135642	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	224893	20.00	ng	0.00
76) Chrysene-d12	14.13	240	174587	20.00	ng	0.00
87) Perylene-d12	15.66	264	142622	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	518598	104.91	ng	0.01
7) Phenol-d6	6.58	99	564515	89.28	ng	0.00
23) Nitrobenzene-d5	7.52	82	455129	85.90	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	157499	117.22	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	824977	95.50	ng	0.00
79) Terphenyl-d14	13.07	244	693949	82.66	ng	0.00
Target Compounds						
9) Benzaldehyde	6.58	77	700	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.52	70	60118	14.821	ng	# 76
25) Isophorone	7.52	82	455125	50.391	ng	# 67
51) 2,6-Dinitrotoluene	10.00	165	17181	7.966	ng	# 21
57) 2,4-Dinitrotoluene	10.00	165	17181	6.272	ng	# 17
67) 4-Bromophenyl-phenylether	10.79	248	9977	4.090	ng	# 1

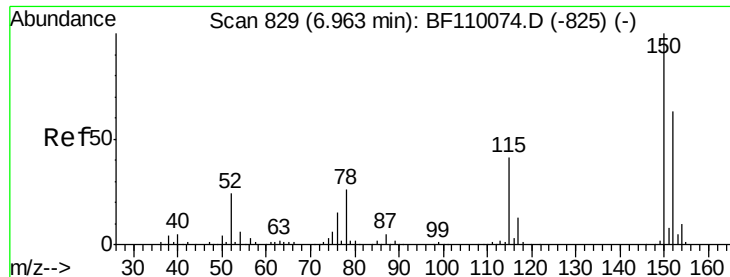
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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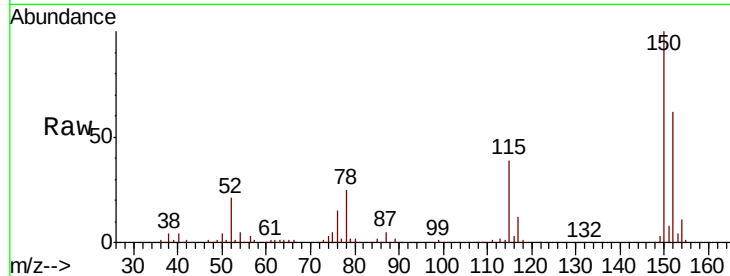


#1

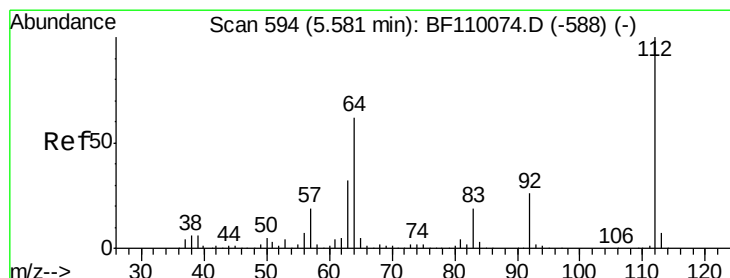
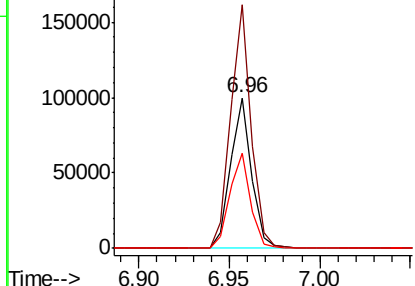
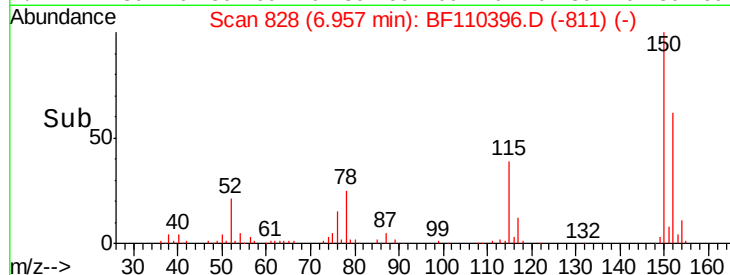
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110396.D
Acq: 2 Nov 2018 7:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 80498
Ion Ratio Lower Upper
152 100
150 162.0 122.7 184.1
115 63.7 49.1 73.7



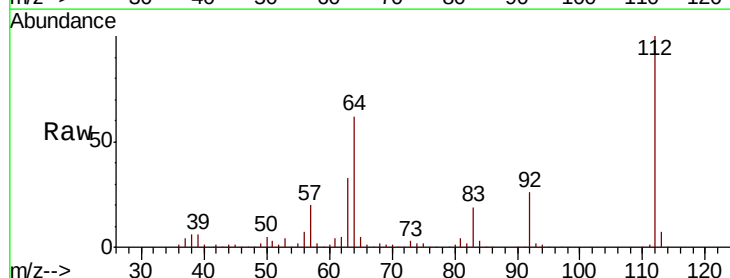
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



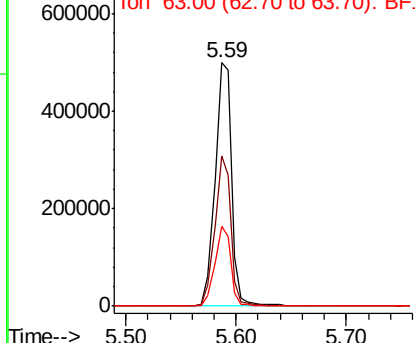
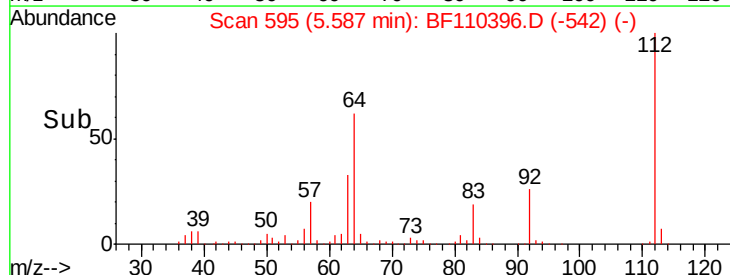
#5

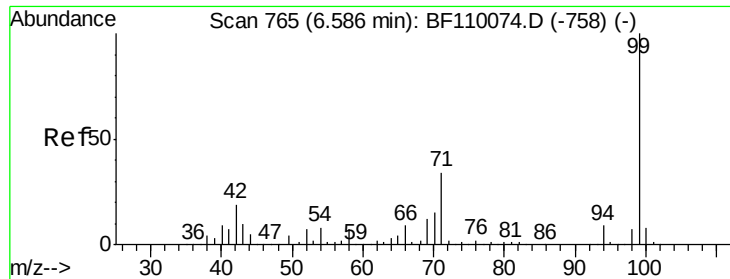
2-Fluorophenol
Concen: 104.911 ng
RT: 5.59 min Scan# 595
Delta R.T. 0.01 min
Lab File: BF110396.D
Acq: 2 Nov 2018 7:17

Tgt Ion:112 Resp: 518598
Ion Ratio Lower Upper
112 100
64 61.5 44.1 66.1
63 33.0 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: 89.283 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF110396.D

Acq: 2 Nov 2018 7:17

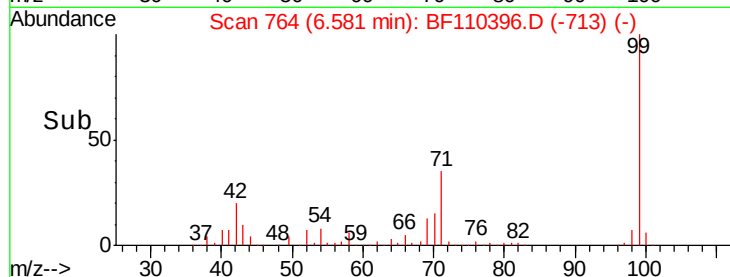
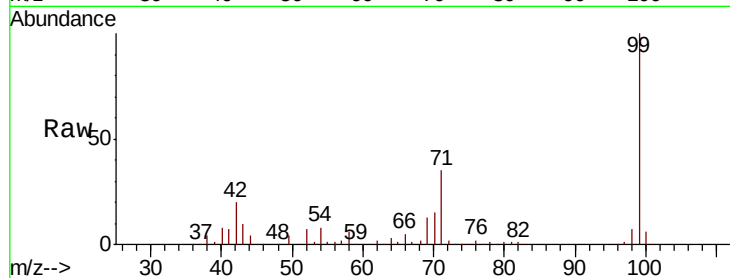
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 564515

Ion	Ratio	Lower	Upper
99	100		
42	19.5	15.8	23.6
71	34.8	28.0	42.0

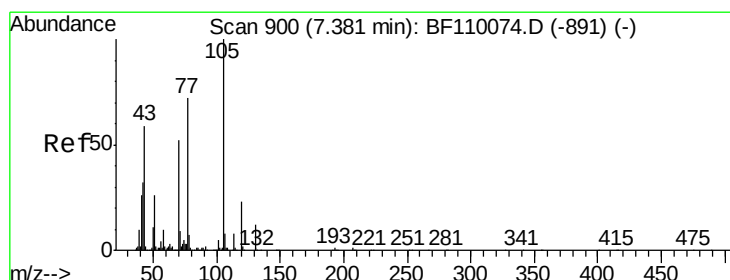
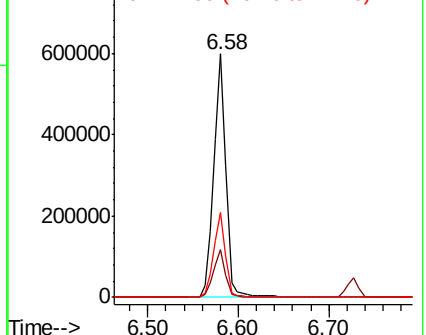


Abundance

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: 14.821 ng

RT: 7.52 min Scan# 924

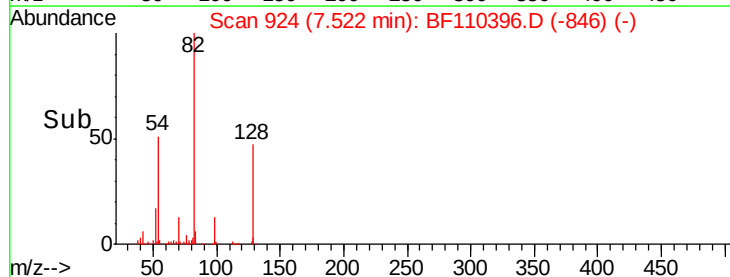
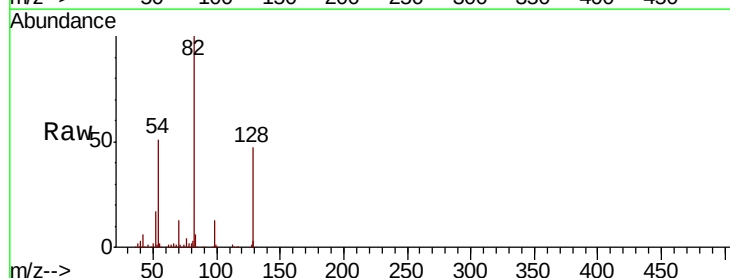
Delta R.T. 0.16 min

Lab File: BF110396.D

Acq: 2 Nov 2018 7:17

Tgt Ion: 70 Resp: 60118

Ion	Ratio	Lower	Upper
70	100		
42	45.1	47.4	71.2#
101	0.0	7.3	10.9#
130	1.9	16.2	24.2#



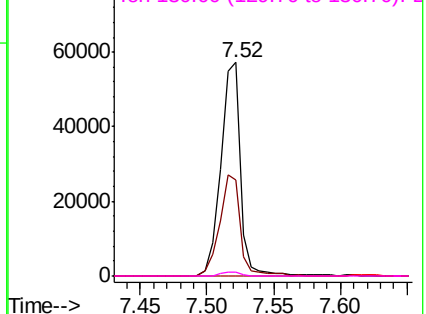
Abundance

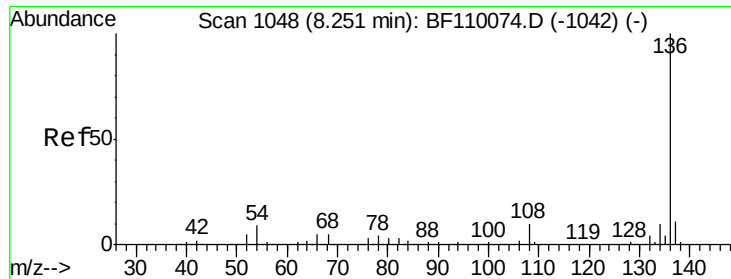
Ion 70.00 (69.70 to 70.70): BF1

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

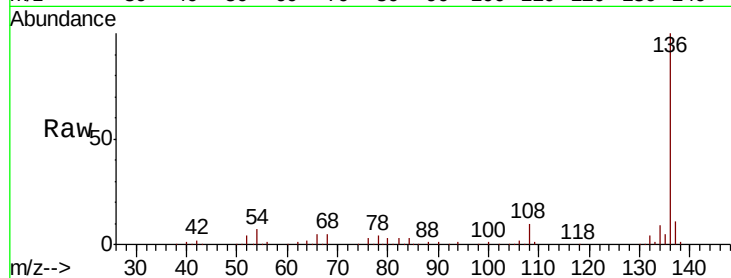




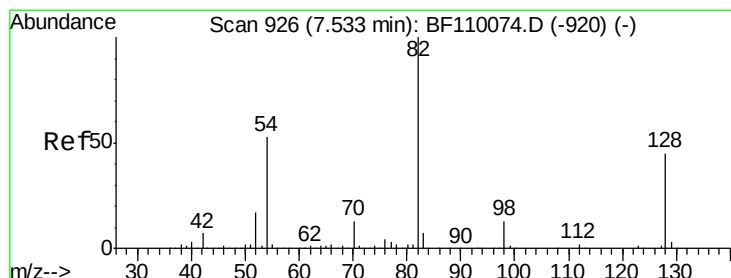
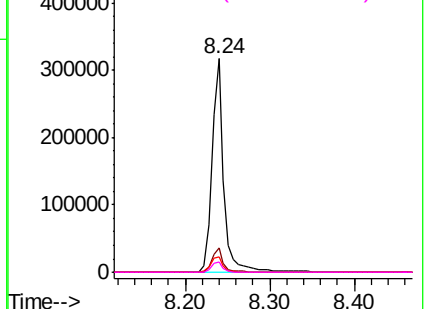
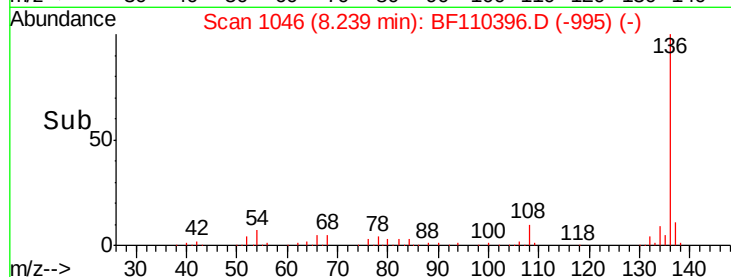
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110396.D
Acq: 2 Nov 2018 7:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	314271
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.8 13.2
54	7.2	5.4 8.2
68	4.6	4.2 6.2

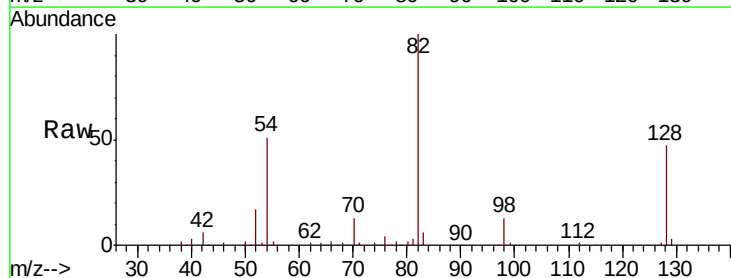


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

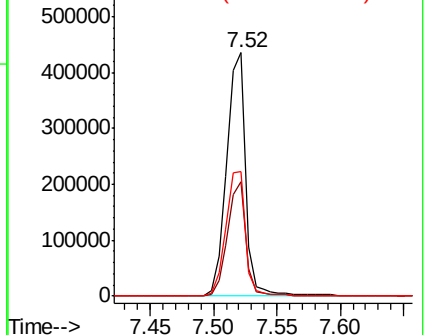
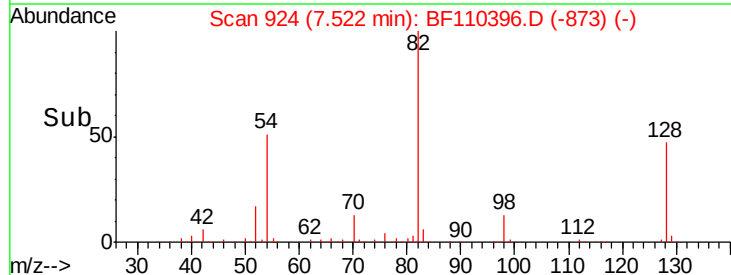


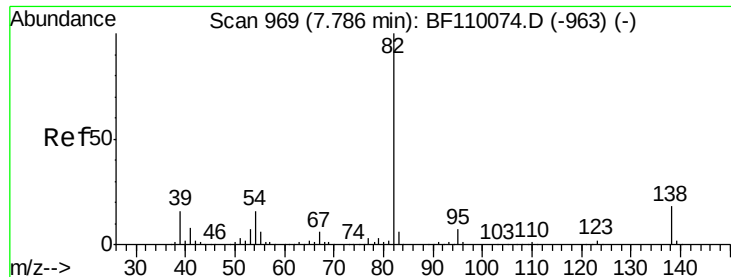
#23
Nitrobenzene-d5
Concen: 85.898 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF110396.D
Acq: 2 Nov 2018 7:17

Tgt Ion: 82	Resp:	455129
Ion Ratio	Lower	Upper
82	100	
128	47.1	34.2 51.2
54	51.2	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: 50.391 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.25 min

Lab File: BF110396.D

Acq: 2 Nov 2018 7:17

Instrument :

BNA_F

ClientSampled :

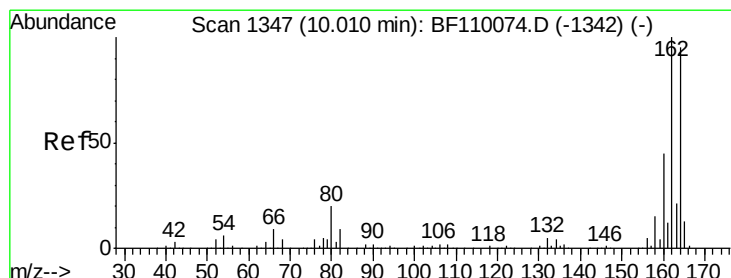
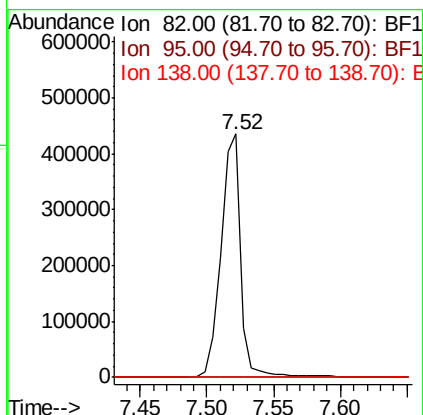
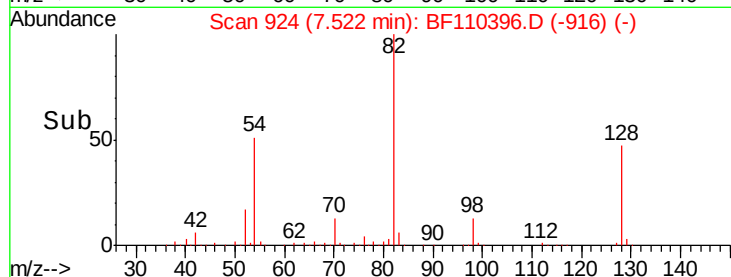
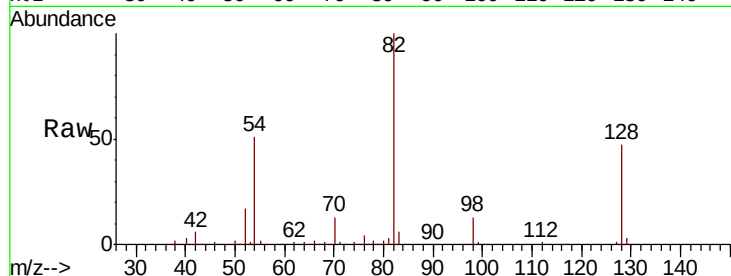
Tot Ion: 82 Resp: 455125

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: 10.00 min Scan# 1345

Delta R.T. -0.00 min

Lab File: BF110396.D

Acq: 2 Nov 2018 7:17

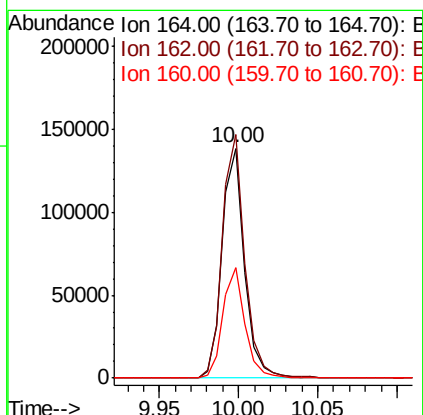
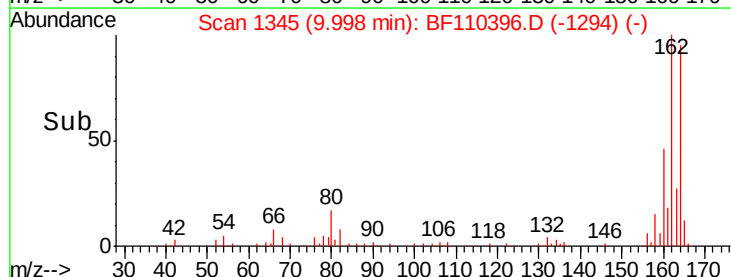
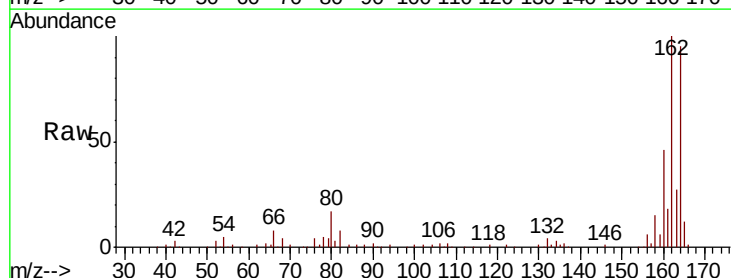
Tgt Ion: 164 Resp: 135642

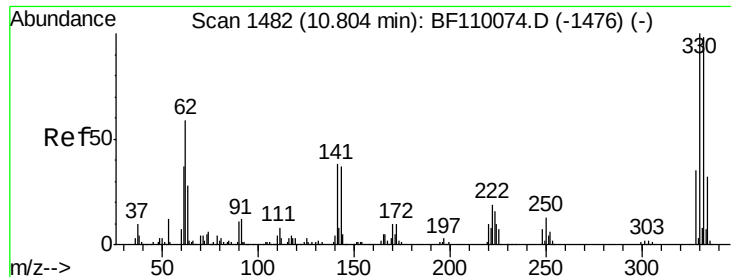
Ion Ratio Lower Upper

164 100

162 105.8 83.0 124.6

160 48.3 37.0 55.6

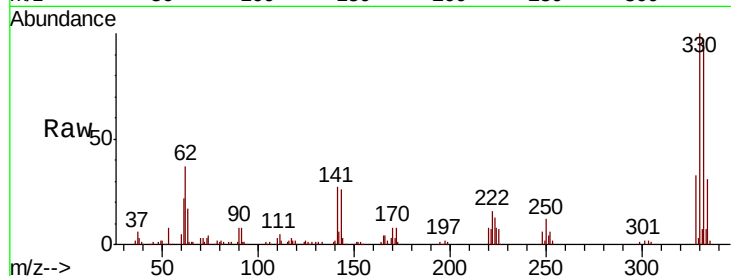




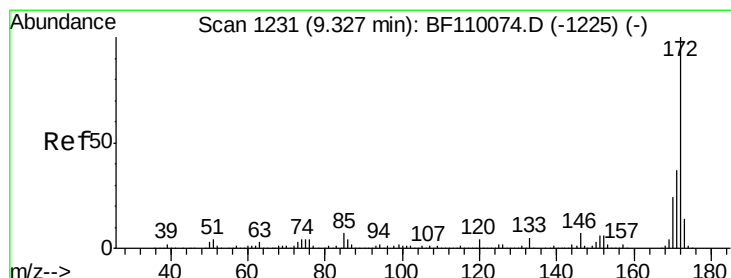
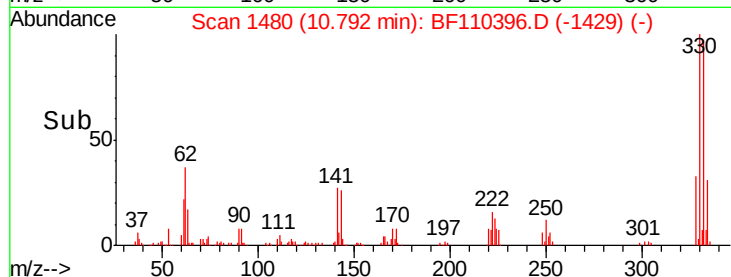
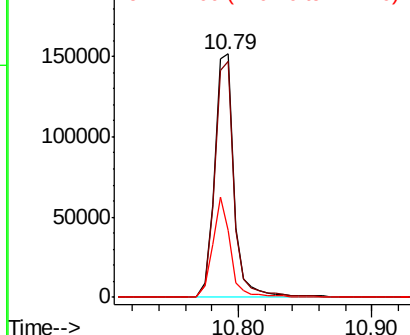
#42
 2,4,6-Tribromophenol
 Concen: 117.220 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: BF110396.D
 Acq: 2 Nov 2018 7:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 157499
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.1 115.7
 141 37.1 27.0 40.4

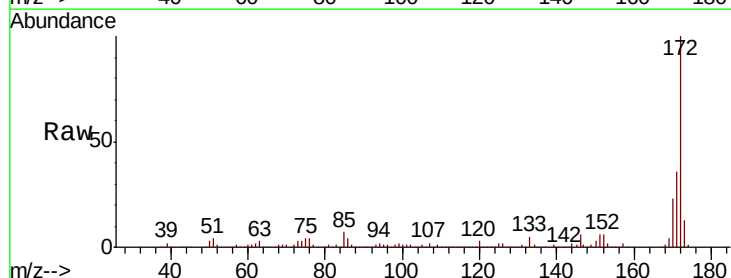


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

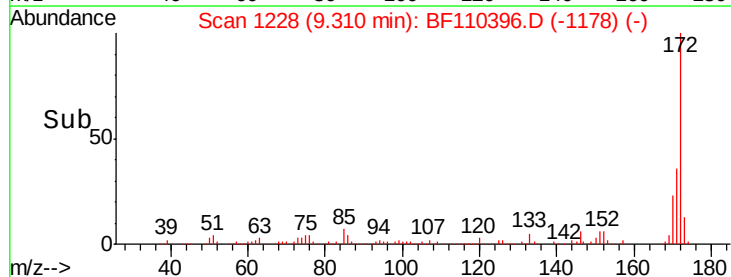
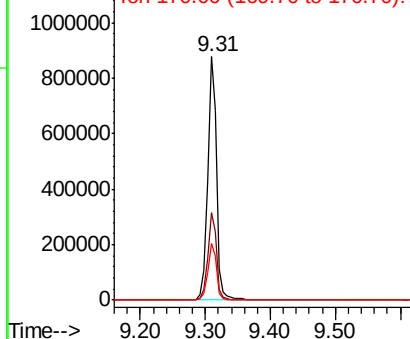


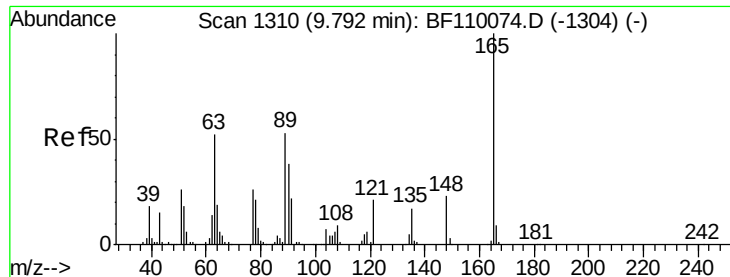
#45
 2-Fluorobiphenyl
 Concen: 95.503 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110396.D
 Acq: 2 Nov 2018 7:17

Tgt Ion:172 Resp: 824977
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.6 43.0
 170 23.3 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: 7.966 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.22 min

Lab File: BF110396.D

Acq: 2 Nov 2018 7:17

Instrument :

BNA_F

ClientSampled :

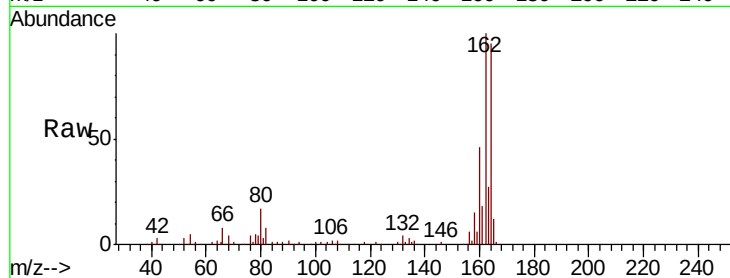
Tot Ion:165 Resp: 17181

Ion Ratio Lower Upper

165 100

63 0.0 48.9 73.3#

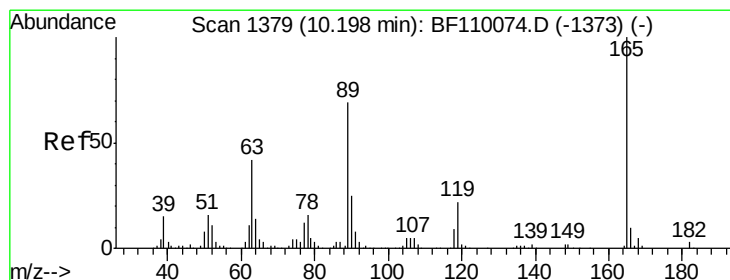
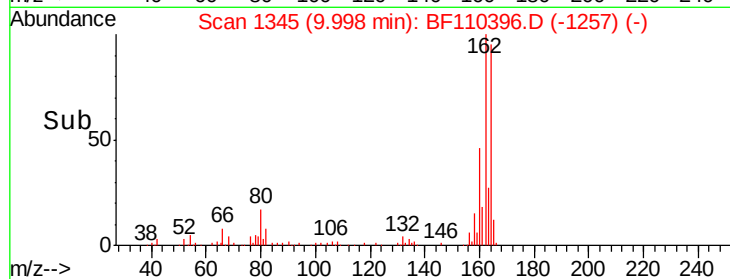
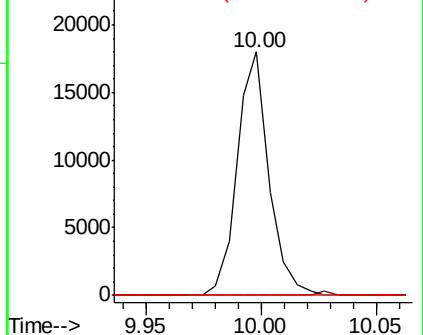
89 0.0 46.6 69.8#



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: 6.272 ng

RT: 10.00 min Scan# 1345

Delta R.T. -0.19 min

Lab File: BF110396.D

Acq: 2 Nov 2018 7:17

Tgt Ion:165 Resp: 17181

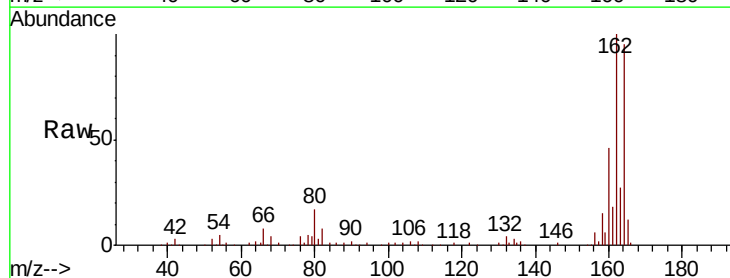
Ion Ratio Lower Upper

165 100

63 0.0 44.8 67.2#

89 0.0 62.2 93.4#

182 0.0 2.1 3.1#

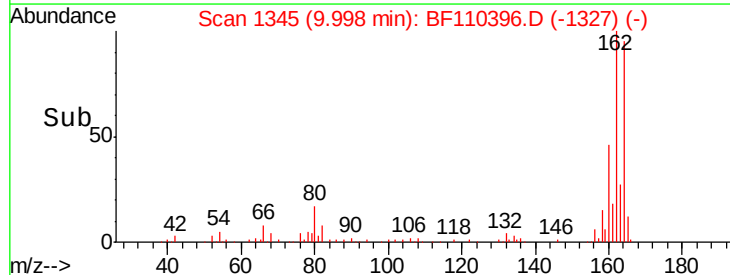
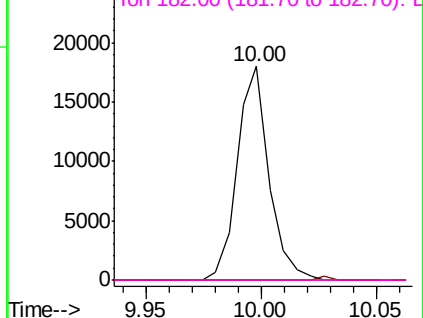


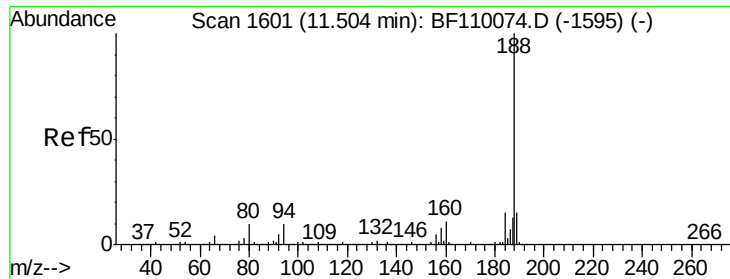
Abundance Ion 165.00 (164.70 to 165.70): E

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

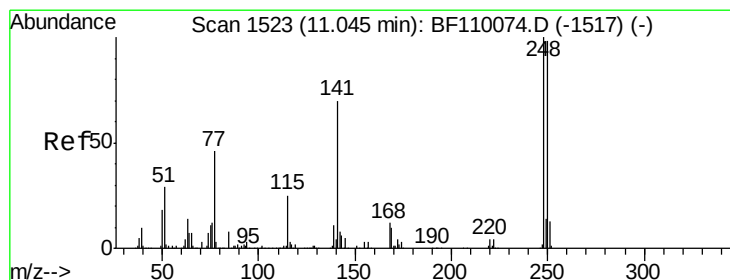
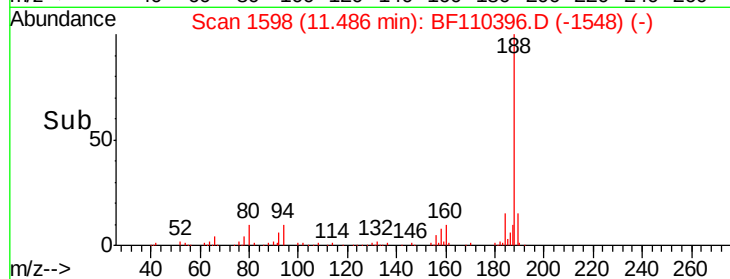
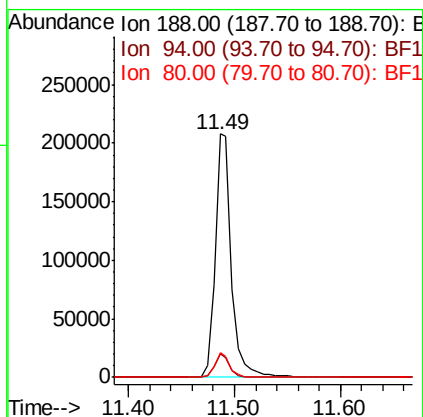
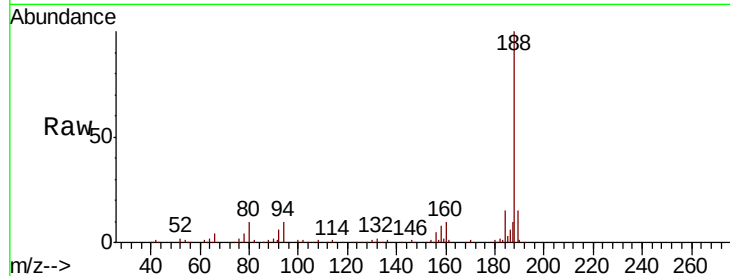




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF110396.D
Acq: 2 Nov 2018 7:17

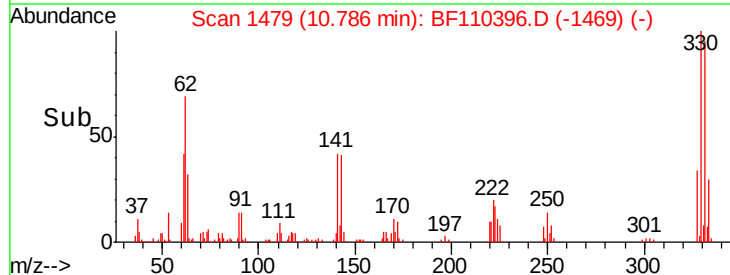
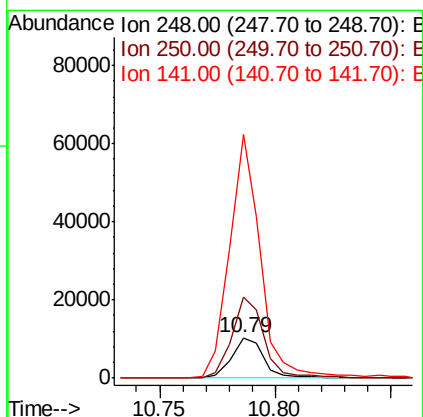
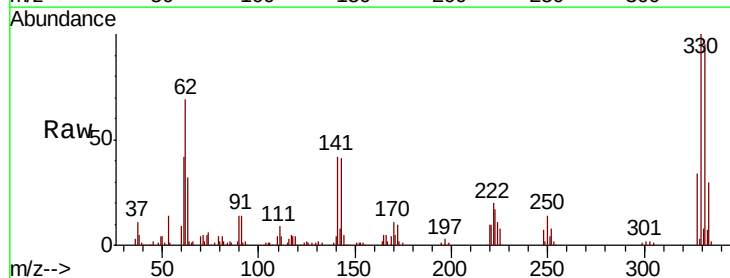
Instrument :
BNA_F
ClientSampled :

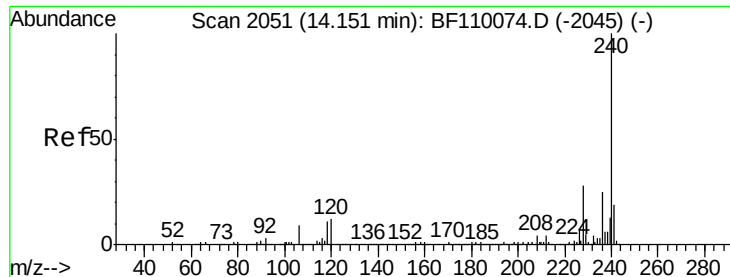
Tot Ion:188 Resp: 224893
Ion Ratio Lower Upper
188 100
94 9.8 7.2 10.8
80 10.3 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 4.090 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.24 min
Lab File: BF110396.D
Acq: 2 Nov 2018 7:17

Tgt Ion:248 Resp: 9977
Ion Ratio Lower Upper
248 100
250 199.9 79.4 119.2#
141 603.1 55.9 83.9#

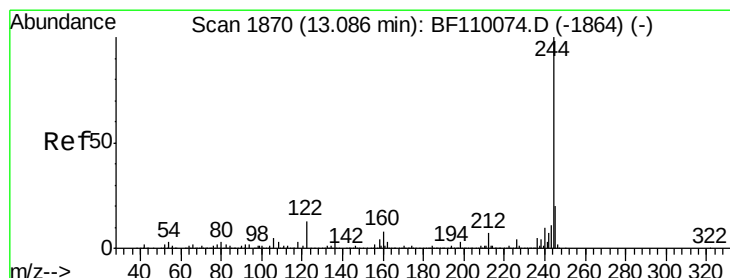
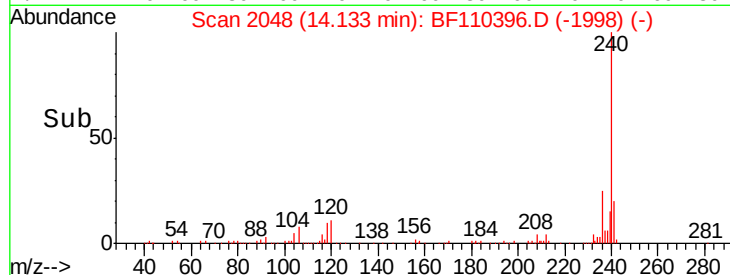
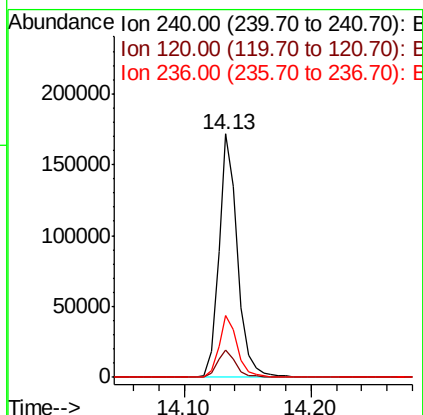
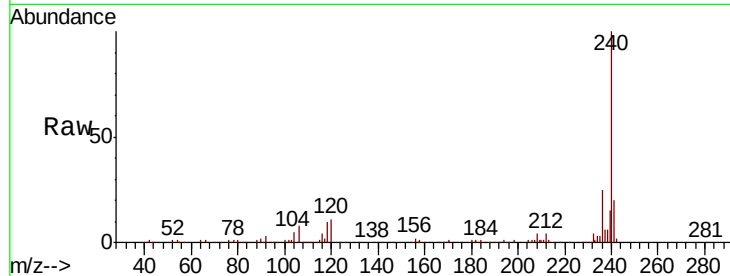




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: BF110396.D
 Acq: 2 Nov 2018 7:17

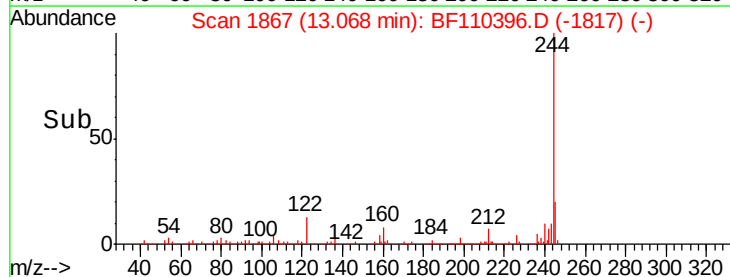
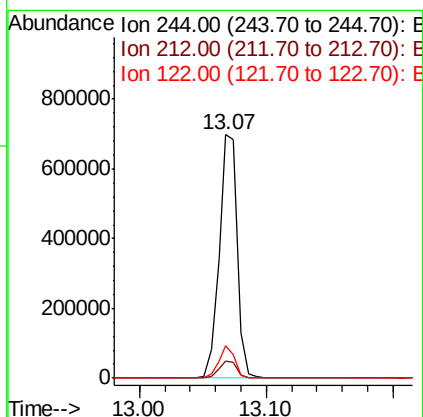
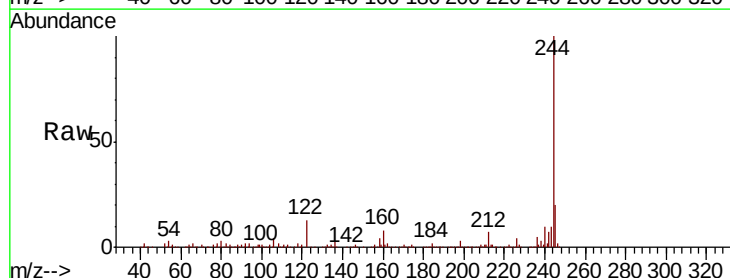
Instrument :
 BNA_F
 ClientSampleId :

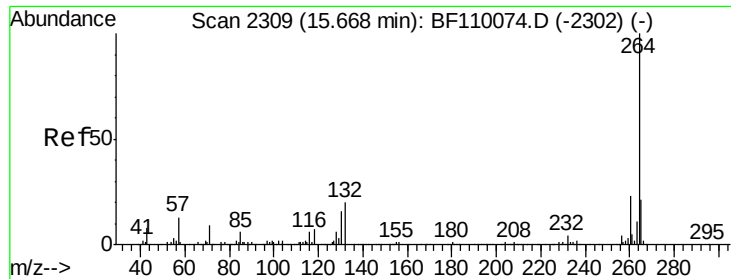
Tot Ion:240 Resp: 174587
 Ion Ratio Lower Upper
 240 100
 120 11.4 8.3 12.5
 236 25.4 21.2 31.8



#79
 Terphenyl-d14
 Concen: 82.664 ng
 RT: 13.07 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: BF110396.D
 Acq: 2 Nov 2018 7:17

Tgt Ion:244 Resp: 693949
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 13.3 8.7 13.1#

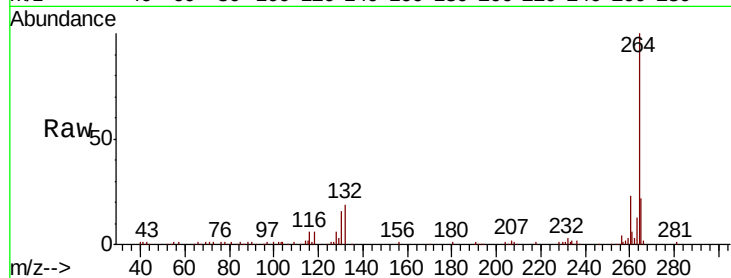




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: BF110396.D
 Acq: 2 Nov 2018 7:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 142622
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.7 28.1
 265 21.7 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

