

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
 Data File : BF111182.D
 Acq On : 7 Dec 2018 13:05
 Operator : JU/SJ
 Sample : PB115300BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 07 13:56:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 07 12:19:19 2018
 Response via : Initial Calibration

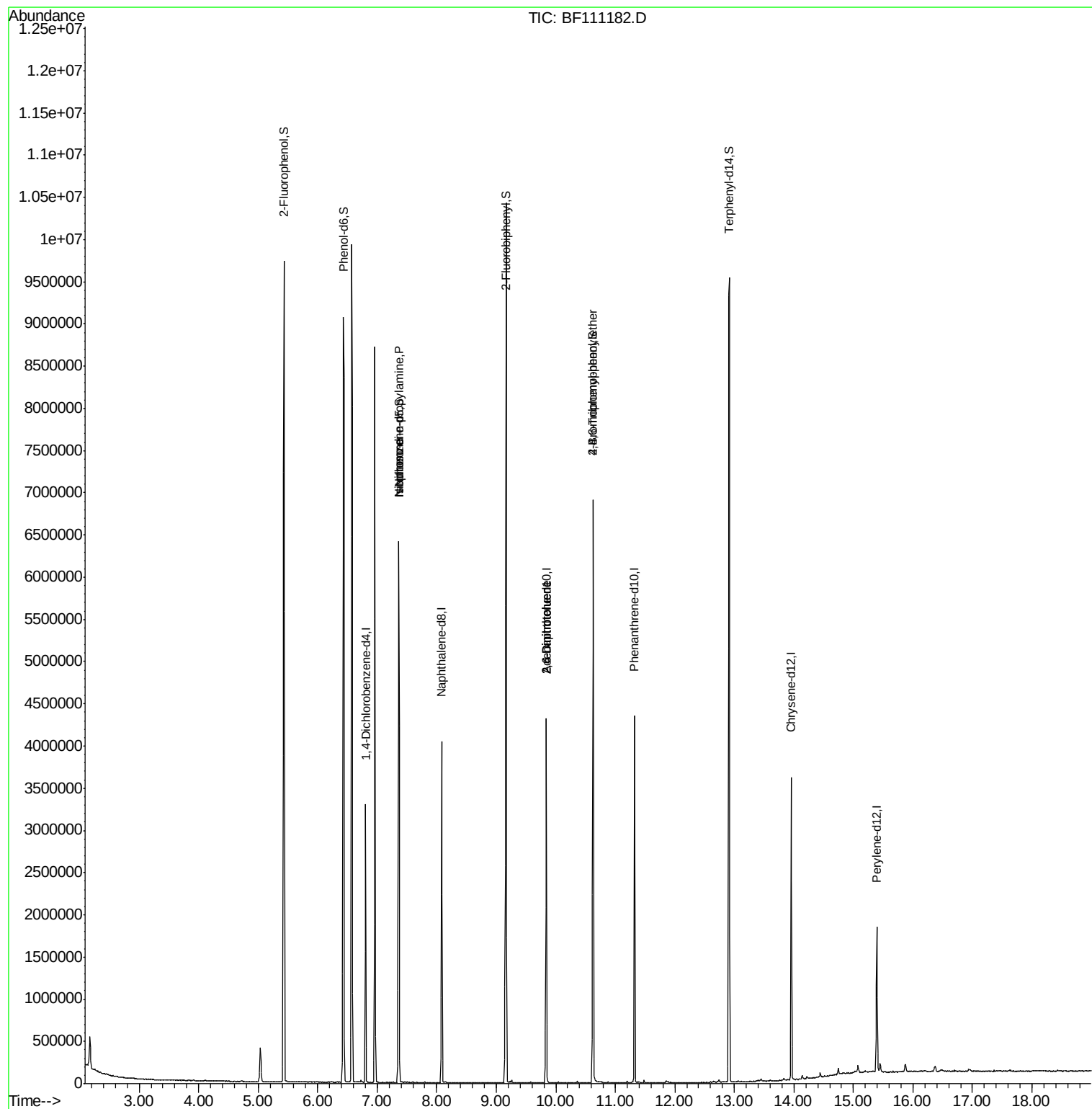
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	443087	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1816526	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	855079	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1502209	20.00	ng	0.00
76) Chrysene-d12	13.96	240	1078324	20.00	ng	0.00
87) Perylene-d12	15.40	264	763697	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	2702009	95.16	ng	0.02
7) Phenol-d6	6.43	99	3425080	93.64	ng	0.00
23) Nitrobenzene-d5	7.36	82	2211220	72.07	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	727900	107.09	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	3712040	79.41	ng	0.00
79) Terphenyl-d14	12.92	244	3268086	62.07	ng	0.01
Target Compounds						
9) Benzaldehyde	6.43	77	5337	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.36	70	297281	12.094	ng	# 74
25) Isophorone	7.36	82	2183078	38.769	ng	# 65
51) 2,6-Dinitrotoluene	9.84	165	111573	8.843	ng	# 26
57) 2,4-Dinitrotoluene	9.84	165	111573	6.847	ng	# 23
67) 4-Bromophenyl-phenylether	10.63	248	48336	3.040	ng	# 1

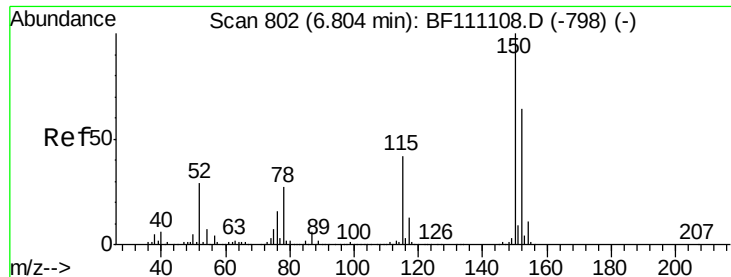
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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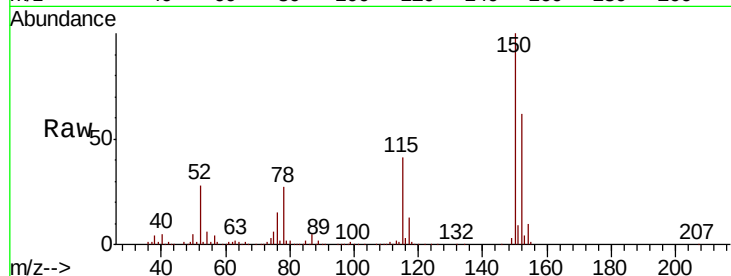


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF111182.D
Acq: 7 Dec 2018 13:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.3	124.6	187.0
115	65.2	52.2	78.2

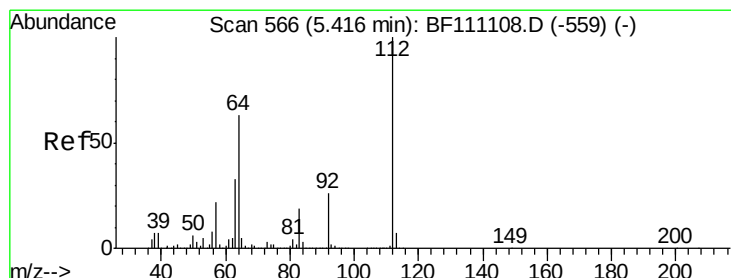
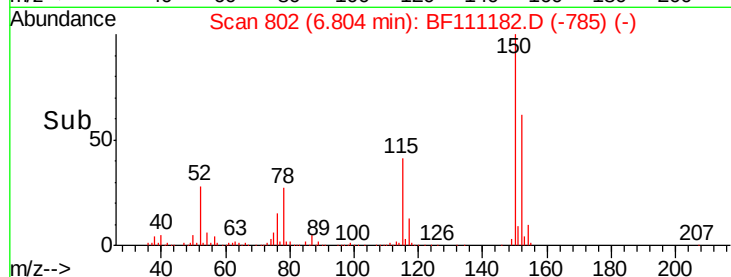
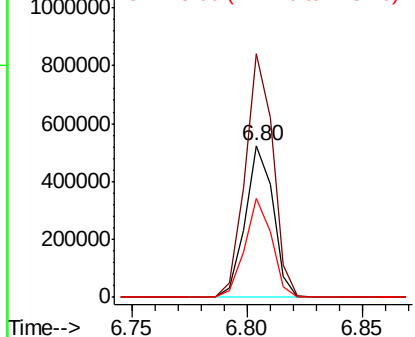


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

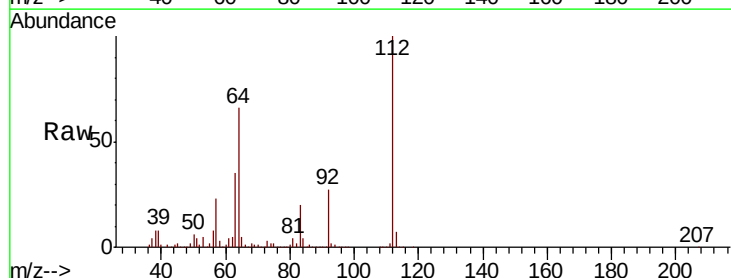
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 95.159 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.02 min
Lab File: BF111182.D
Acq: 7 Dec 2018 13:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.6	50.2	75.4
63	34.8	26.6	39.8

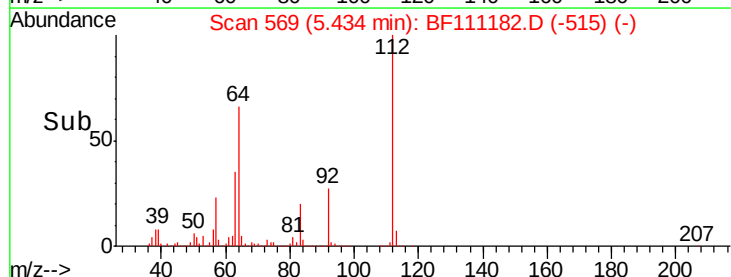
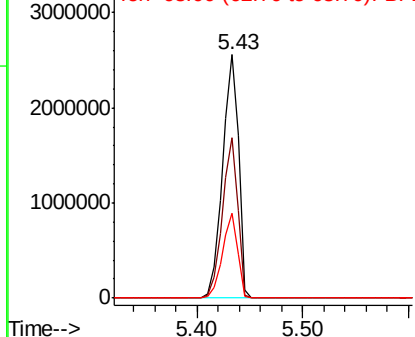


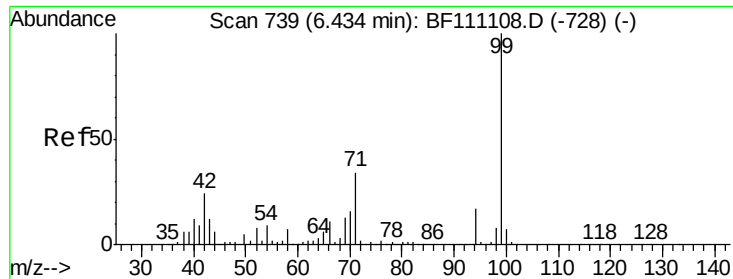
Abundance

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: 93.639 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF111182.D

Acq: 7 Dec 2018 13:05

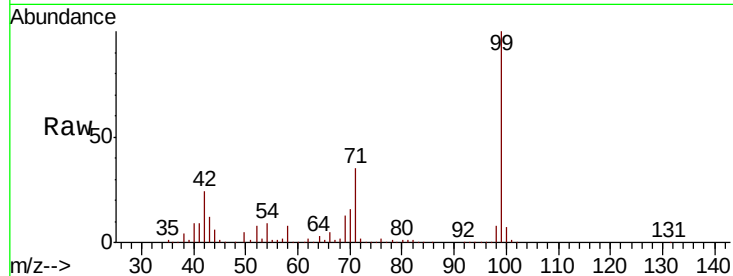
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 3425080

Ion	Ratio	Lower	Upper
99	100		
42	24.3	19.3	28.9
71	35.5	27.4	41.2

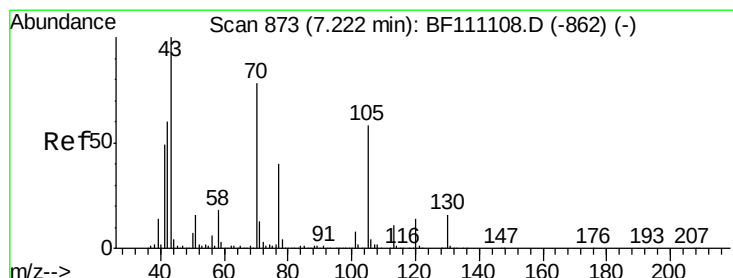
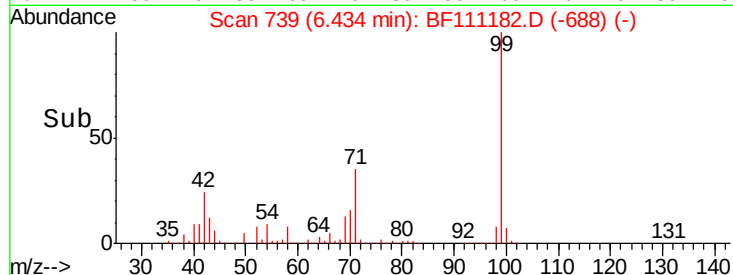
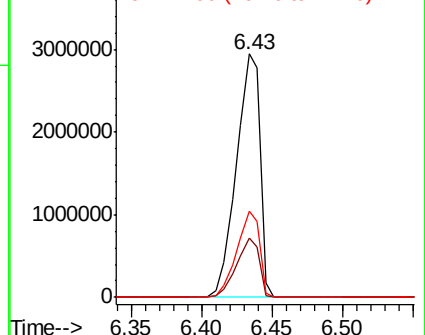


Abundance

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: 12.094 ng

RT: 7.36 min Scan# 897

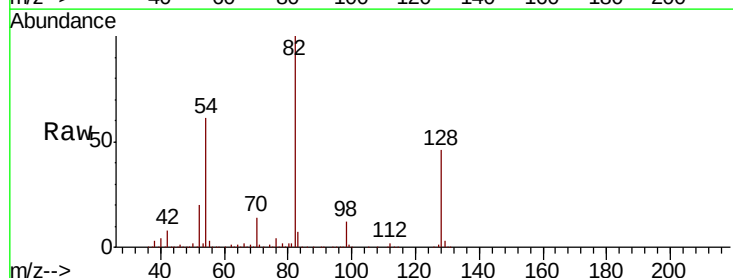
Delta R.T. 0.14 min

Lab File: BF111182.D

Acq: 7 Dec 2018 13:05

Tgt Ion: 70 Resp: 297281

Ion	Ratio	Lower	Upper
70	100		
42	57.1	61.3	91.9#
101	0.0	7.7	11.5#
130	1.8	16.3	24.5#



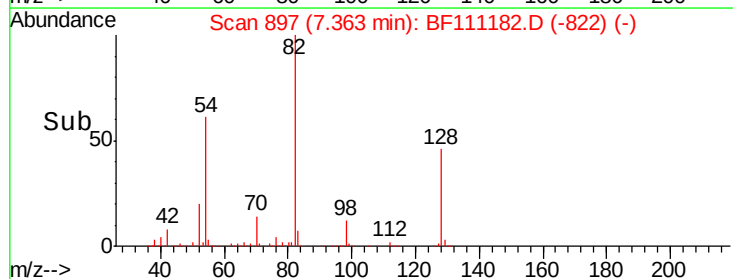
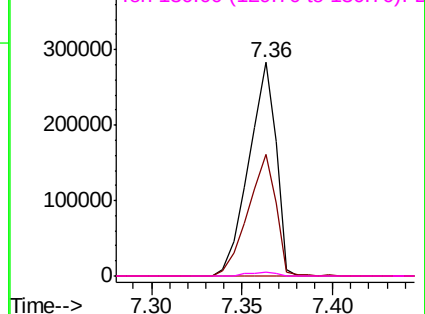
Abundance

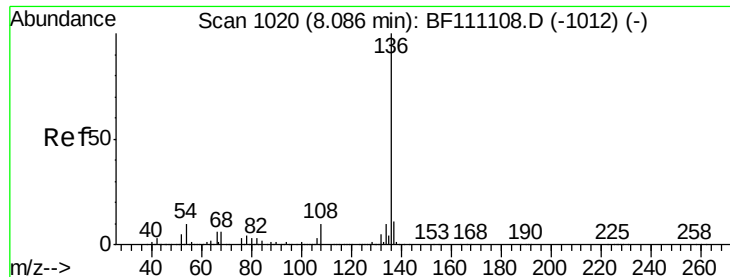
Ion 70.00 (69.70 to 70.70): BF1

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

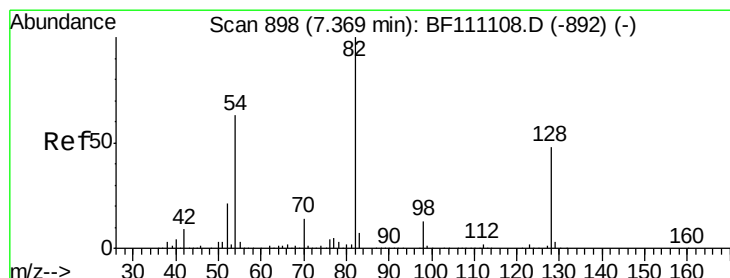
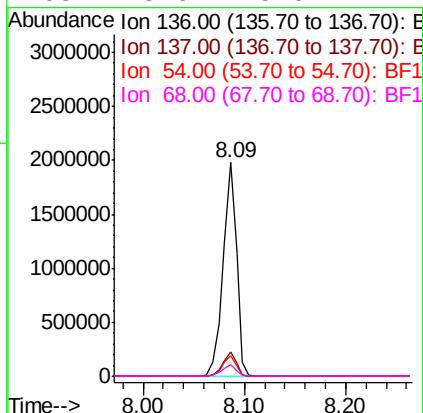
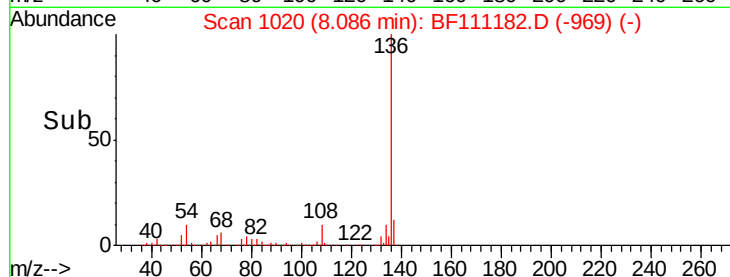
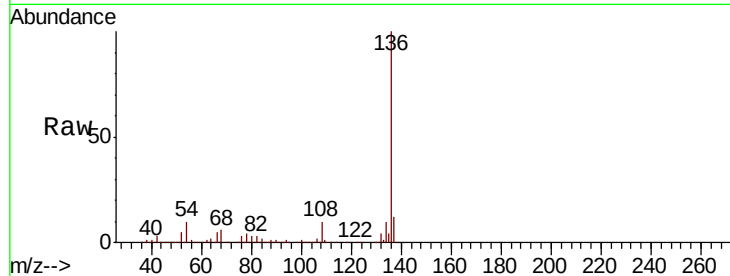




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF111182.D
Acq: 7 Dec 2018 13:05

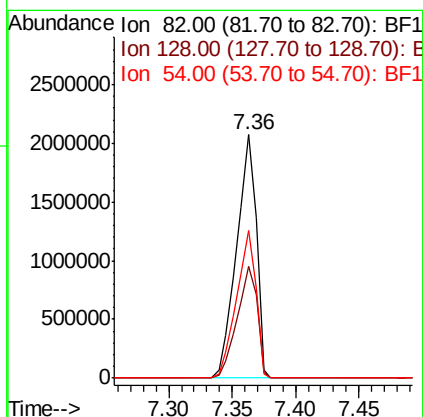
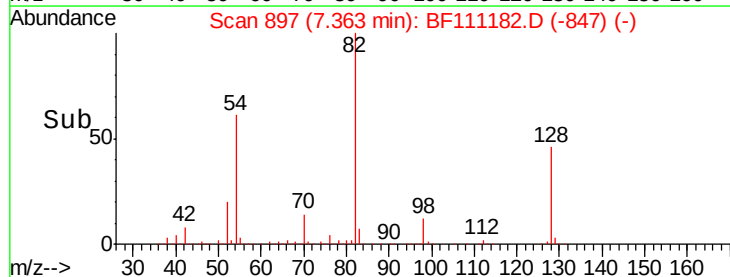
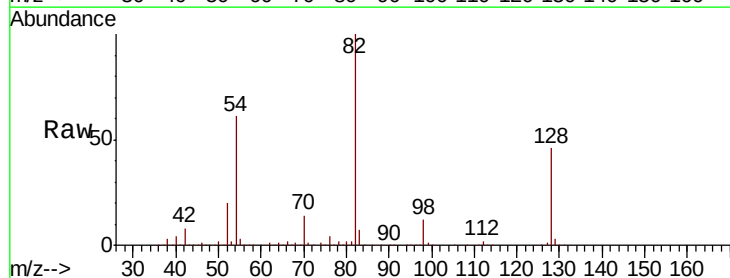
Instrument :
BNA_F
ClientSampleId :

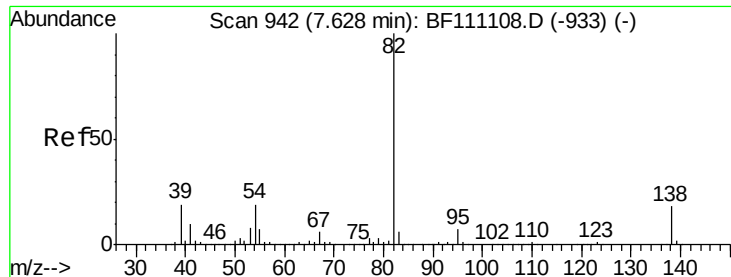
Tot Ion:136	Resp: 1816526
Ion Ratio	Lower Upper
136 100	
137 11.6	9.0 13.6
54 9.7	8.4 12.6
68 5.6	5.0 7.4



#23
Nitrobenzene-d5
Concen: 72.067 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF111182.D
Acq: 7 Dec 2018 13:05

Tgt Ion	82	Resp: Lower	2211220 Upper
	Ratio		
82	100		
128	46.0	38.1	57.1
54	60.7	50.3	75.5





#25

Isophorone

Concen: 38.769 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.26 min

Lab File: BF111182.D

Acq: 7 Dec 2018 13:05

Instrument :

BNA_F

ClientSampled :

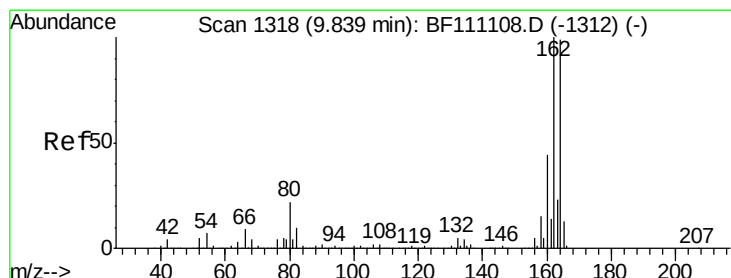
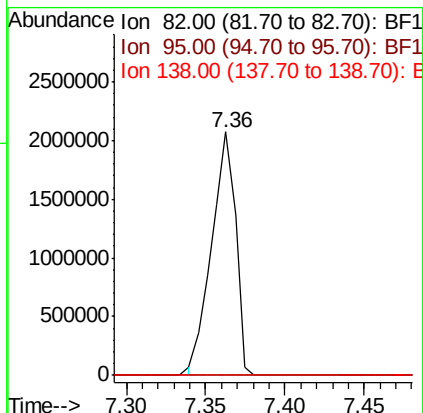
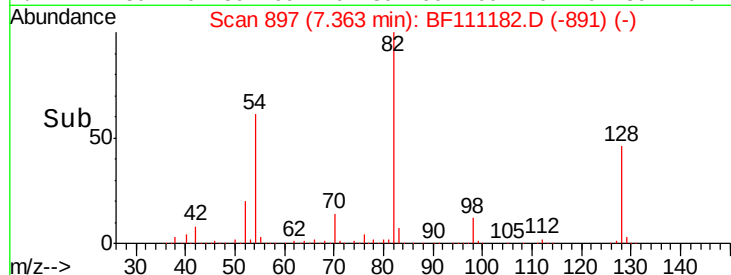
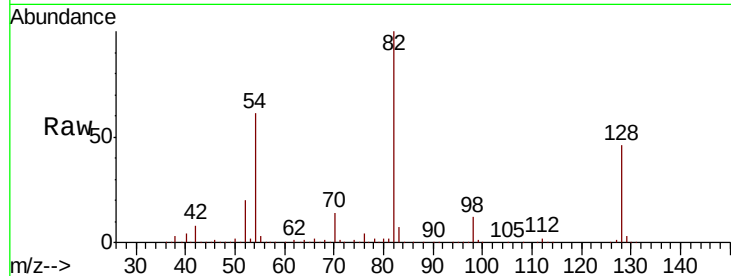
Tot Ion: 82 Resp: 2183078

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.6 22.0#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BF111182.D

Acq: 7 Dec 2018 13:05

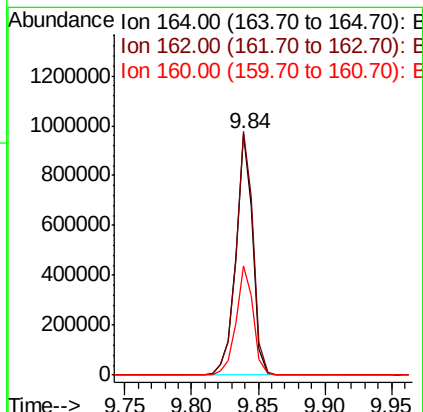
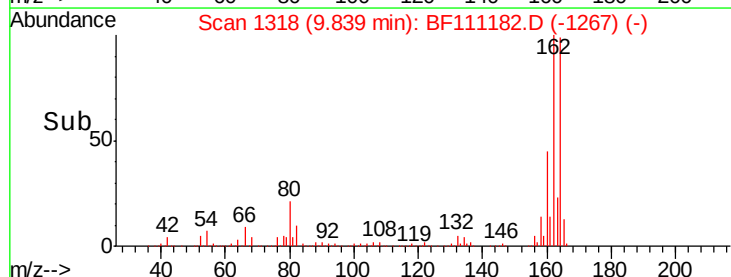
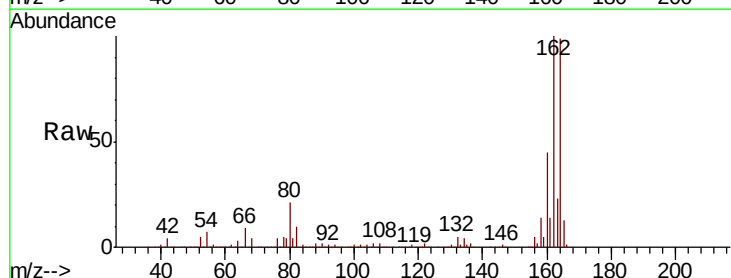
Tgt Ion:164 Resp: 855079

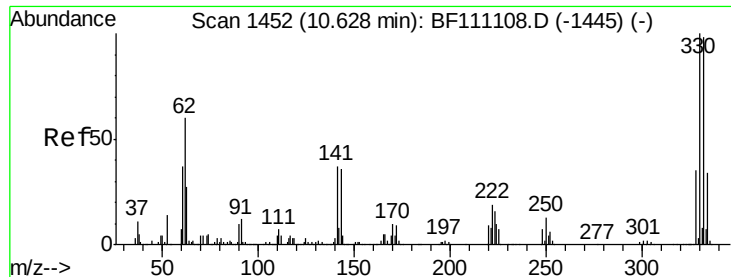
Ion Ratio Lower Upper

164 100

162 100.8 80.6 120.8

160 45.4 35.5 53.3





#42

2,4,6-Tribromophenol

Concen: 107.093 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.00 min

Lab File: BF111182.D

Acq: 7 Dec 2018 13:05

Instrument :

BNA_F

ClientSampled :

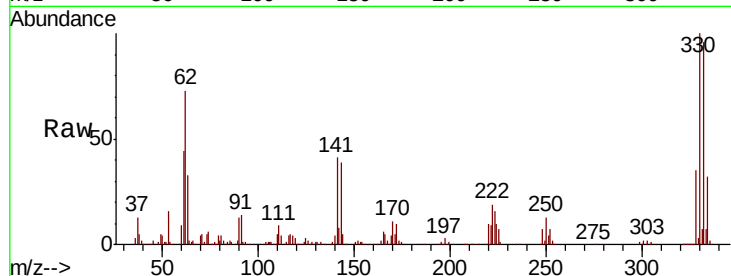
Tot Ion:330 Resp: 727900

Ion Ratio Lower Upper

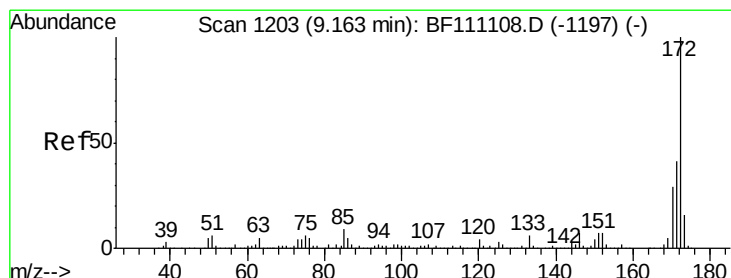
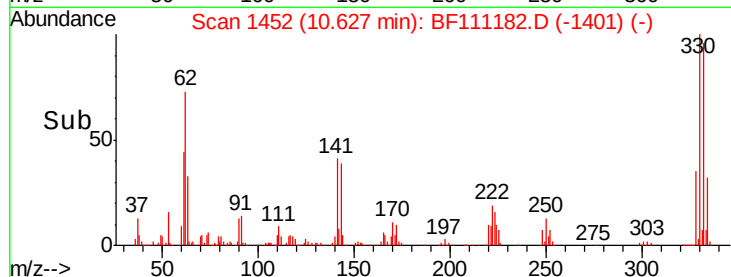
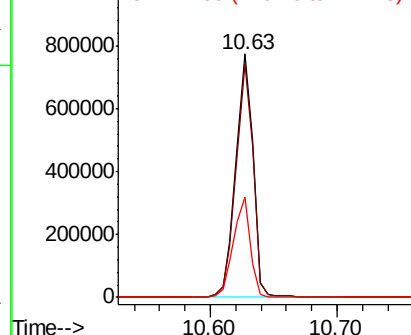
330 100

332 96.0 77.2 115.8

141 40.5 36.1 54.1



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: 79.413 ng

RT: 9.17 min Scan# 1204

Delta R.T. 0.01 min

Lab File: BF111182.D

Acq: 7 Dec 2018 13:05

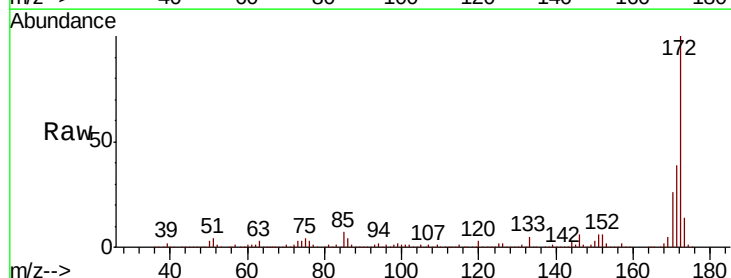
Tgt Ion:172 Resp: 3712040

Ion Ratio Lower Upper

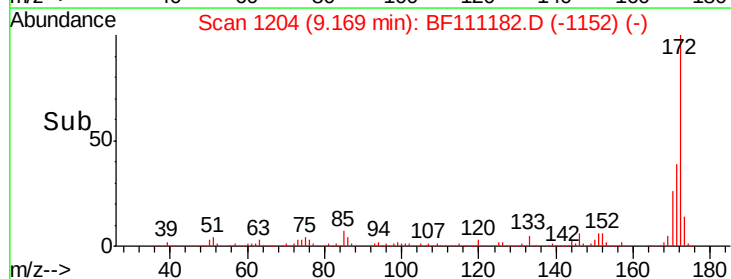
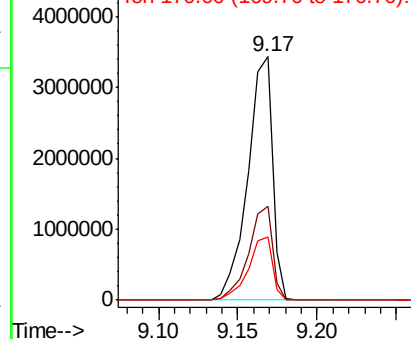
172 100

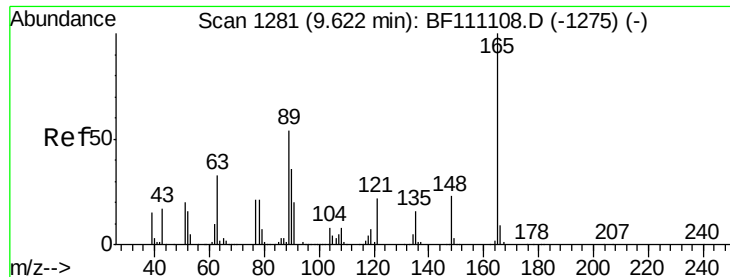
171 38.6 33.2 49.8

170 25.9 22.9 34.3



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

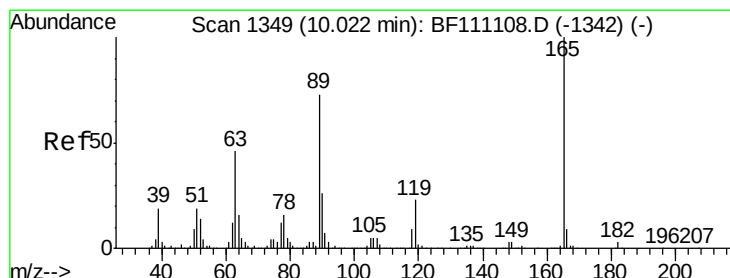
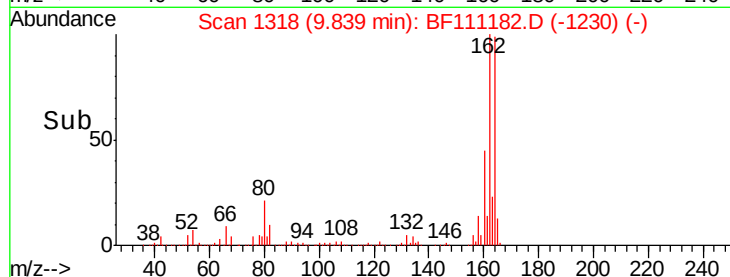
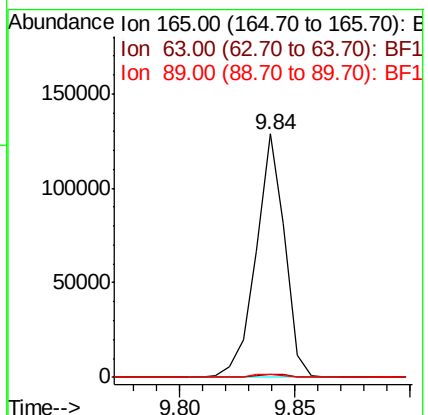
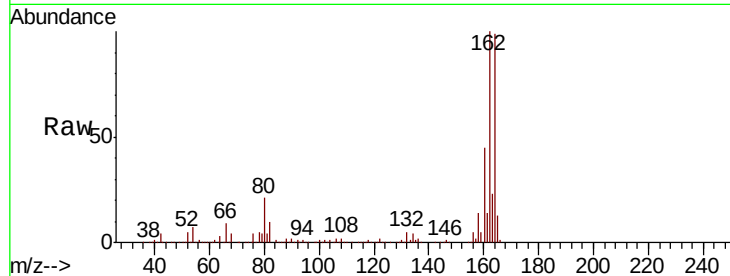




#51
2,6-Dinitrotoluene
Concen: 8.843 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.22 min
Lab File: BF111182.D
Acq: 7 Dec 2018 13:05

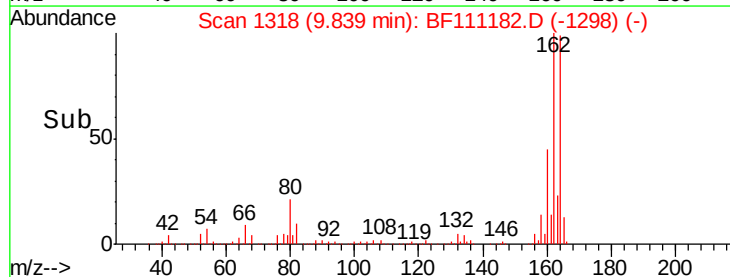
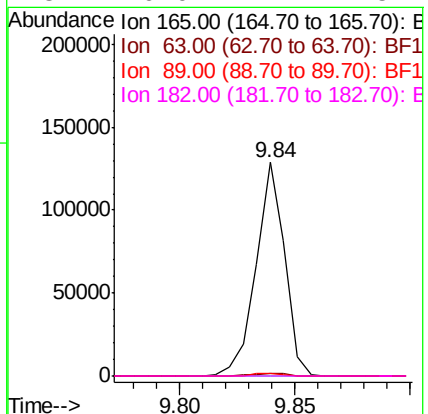
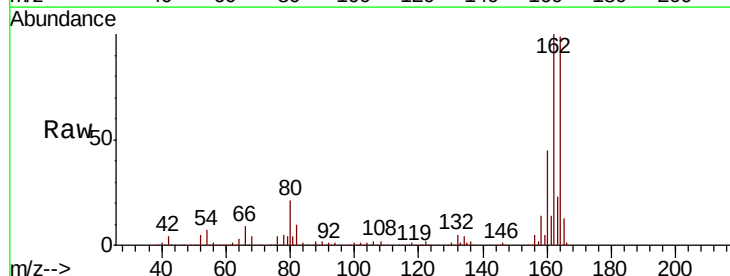
Instrument :
BNA_F
ClientSampleId :

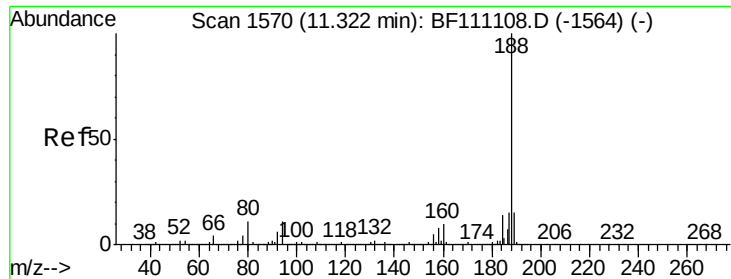
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	1.1	43.0	64.4#



#57
2,4-Dinitrotoluene
Concen: 6.847 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.18 min
Lab File: BF111182.D
Acq: 7 Dec 2018 13:05

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.7	55.1#
89	1.1	58.4	87.6#
182	0.0	2.1	3.1#

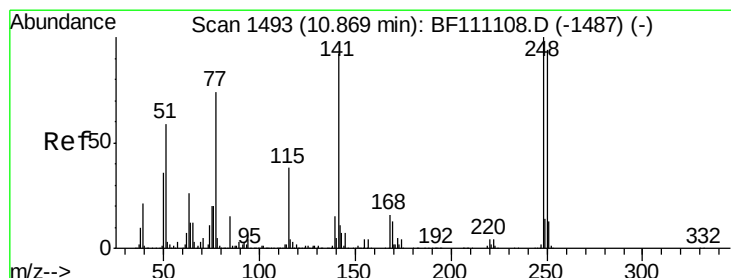
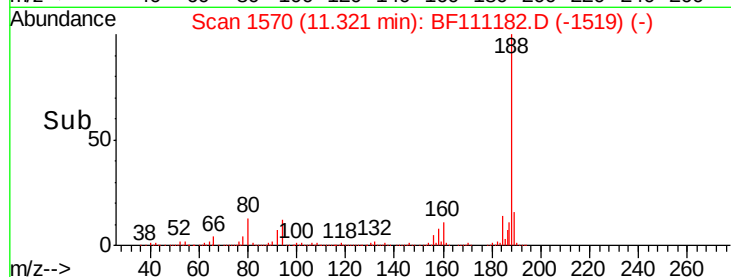
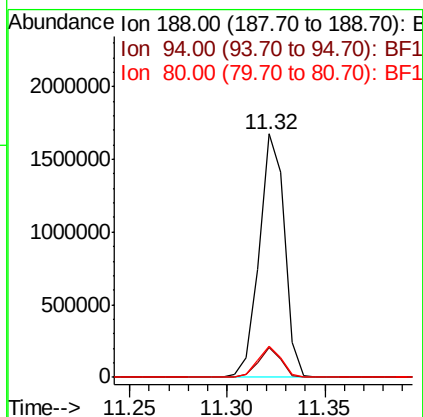
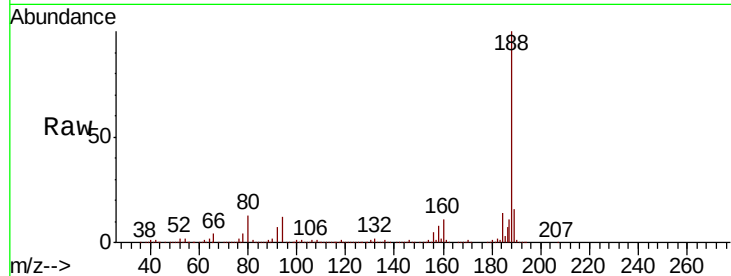




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF111182.D
Acq: 7 Dec 2018 13:05

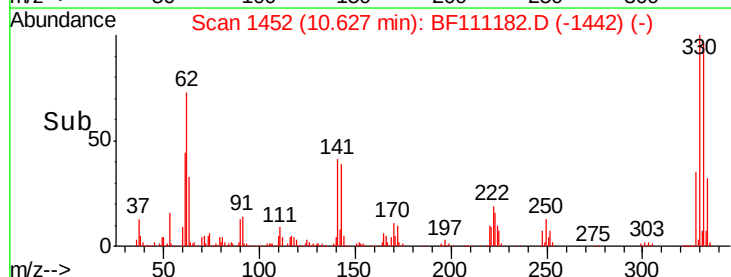
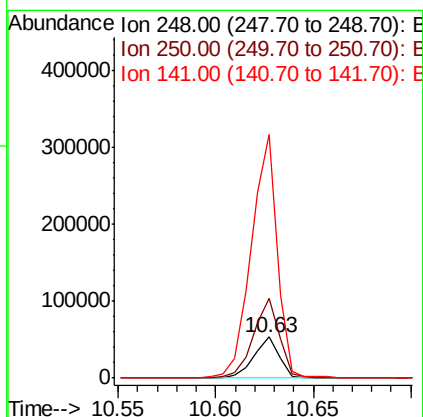
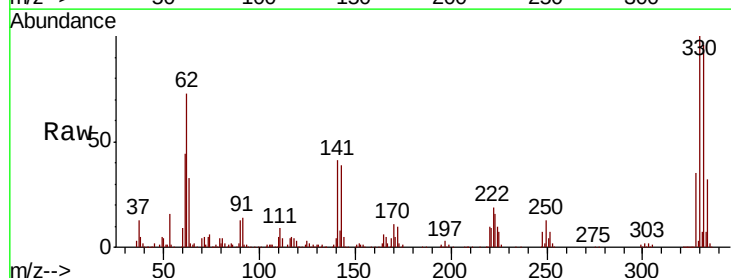
Instrument :
BNA_F
ClientSampleId :

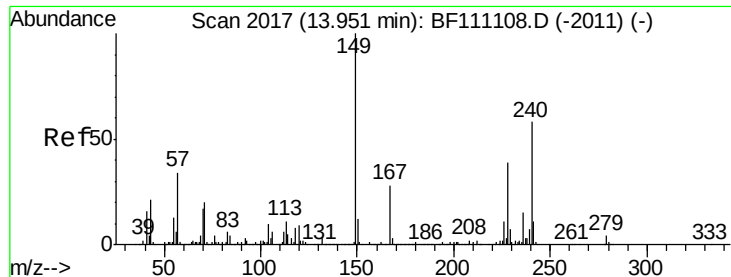
Tot Ion:188 Resp: 1502209
Ion Ratio Lower Upper
188 100
94 12.0 8.5 12.7
80 13.0 9.0 13.6



#67
4-Bromophenyl-phenylether
Concen: 3.040 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BF111182.D
Acq: 7 Dec 2018 13:05

Tgt Ion:248 Resp: 48336
Ion Ratio Lower Upper
248 100
250 192.9 75.4 113.0#
141 592.0 73.8 110.6#

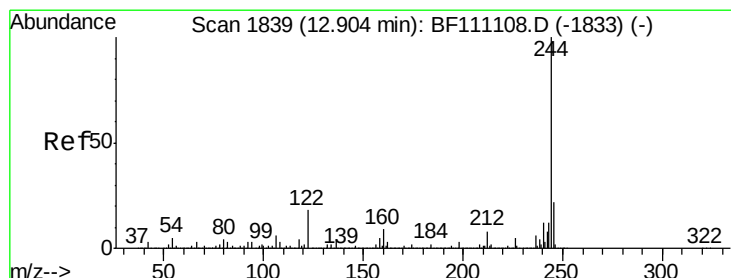
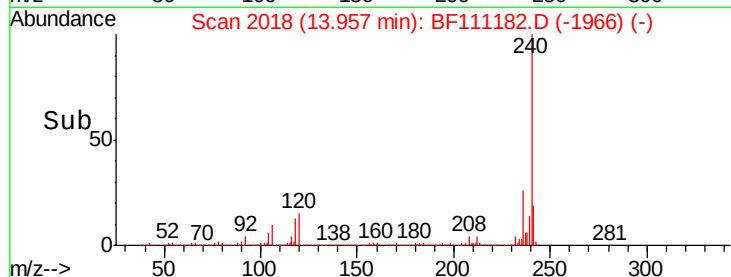
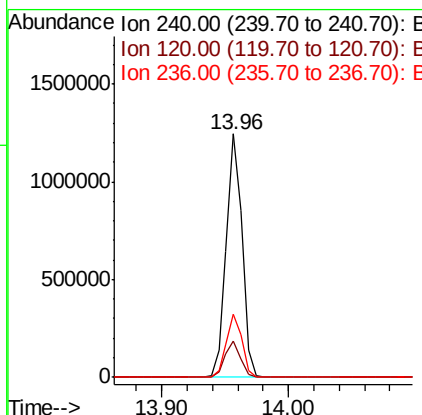
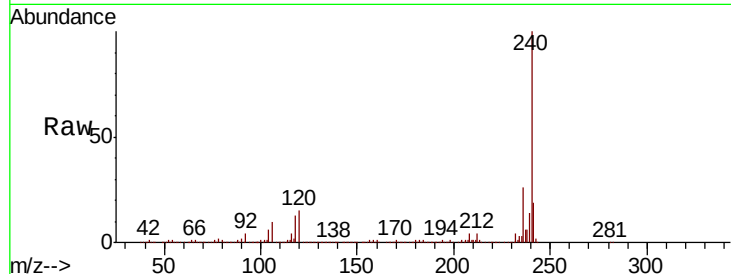




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.01 min
 Lab File: BF111182.D
 Acq: 7 Dec 2018 13:05

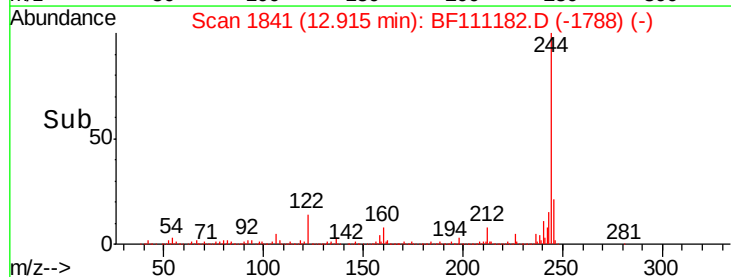
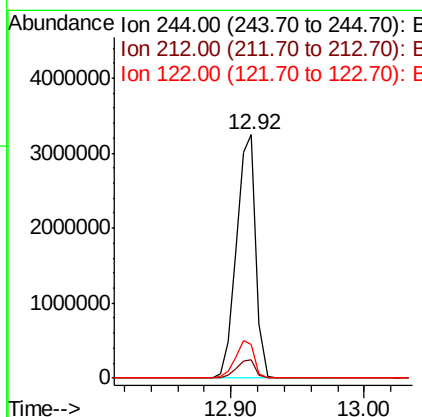
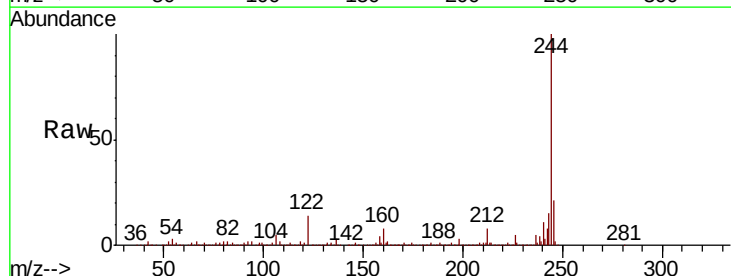
Instrument :
 BNA_F
 ClientSampleId :

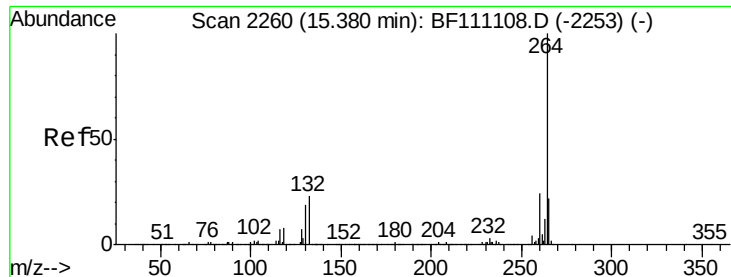
Tot Ion:240 Resp: 1078324
 Ion Ratio Lower Upper
 240 100
 120 14.8 12.8 19.2
 236 26.1 21.1 31.7



#79
 Terphenyl-d14
 Concen: 62.069 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.01 min
 Lab File: BF111182.D
 Acq: 7 Dec 2018 13:05

Tgt Ion:244 Resp: 3268086
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.6 9.8
 122 13.7 14.2 21.2#





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.02 min
Lab File: BF111182.D
Acq: 7 Dec 2018 13:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.4	29.0
265	21.0	17.4	26.0

