

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011419\
 Data File : BF112049.D
 Acq On : 14 Jan 2019 14:37
 Operator : JU/SJ
 Sample : K1128-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 14 15:59:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 11 21:37:26 2019
 Response via : Initial Calibration

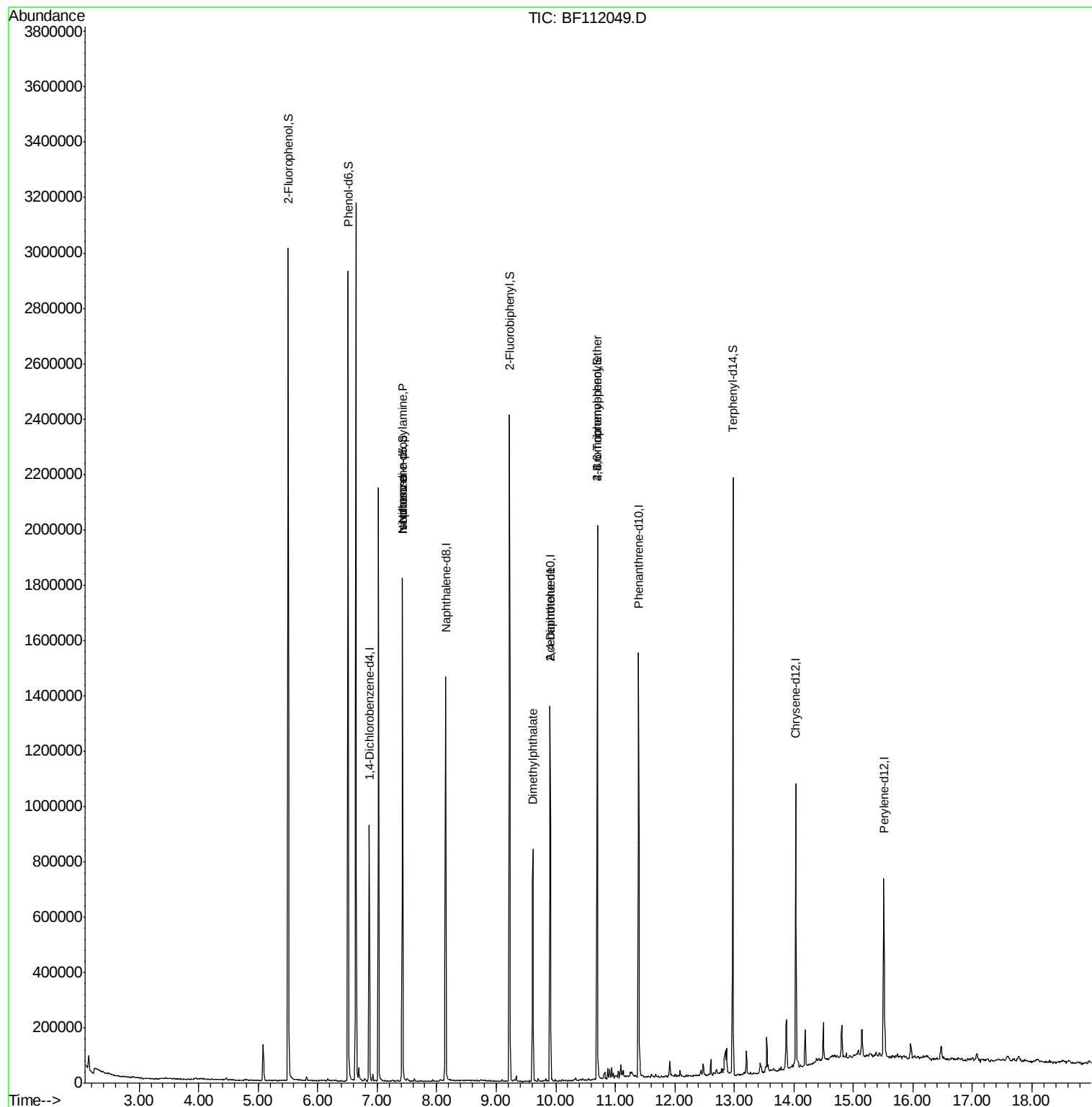
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	134917	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	665594	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	256933	20.00	ng	-0.01
64) Phenanthrene-d10	11.39	188	516496	20.00	ng	0.00
76) Chrysene-d12	14.03	240	328553	20.00	ng	-0.01
87) Perylene-d12	15.51	264	309376	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	746654	94.68	ng	0.00
7) Phenol-d6	6.51	99	967474	95.18	ng	0.00
23) Nitrobenzene-d5	7.43	82	555261	44.59	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	260760	78.03	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	688467	39.07	ng	-0.01
79) Terphenyl-d14	12.97	244	692623	40.02	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.51	77	1651	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.43	70	74253	11.243	ng	# 78
25) Isophorone	7.43	82	555254	27.533	ng	# 65
50) Dimethylphthalate	9.62	163	330347	17.116	ng	# 98
57) 2,4-Dinitrotoluene	9.90	165	33145	5.943	ng	# 26
67) 4-Bromophenyl-phenylether	10.70	248	15515	2.319	ng	# 1

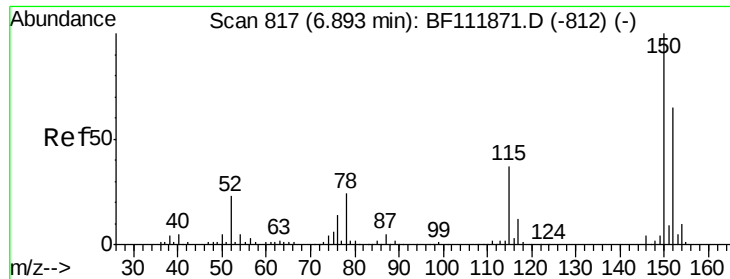
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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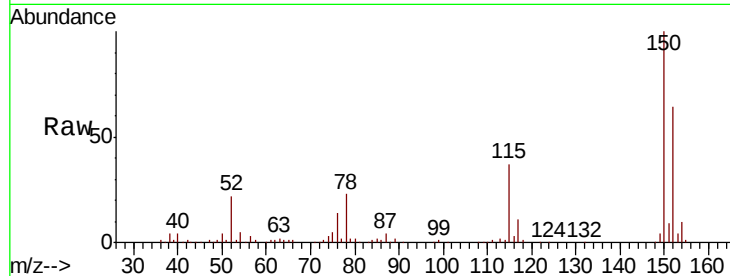


#1

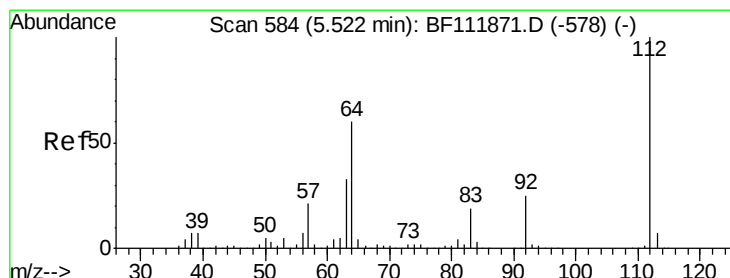
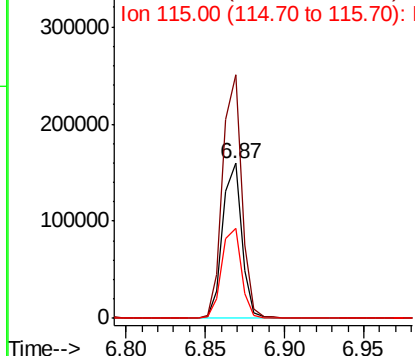
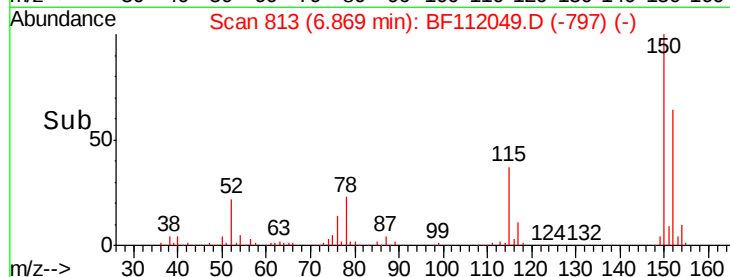
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF112049.D
Acq: 14 Jan 2019 14:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 134917
Ion Ratio Lower Upper
152 100
150 156.9 122.7 184.1
115 58.1 45.2 67.8



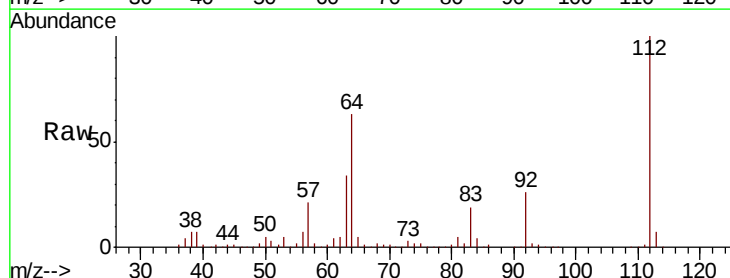
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



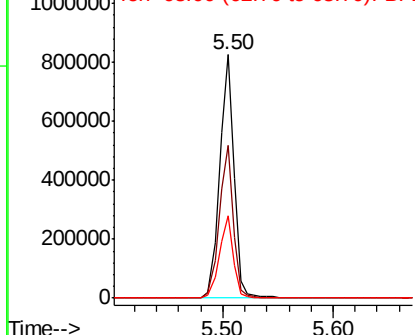
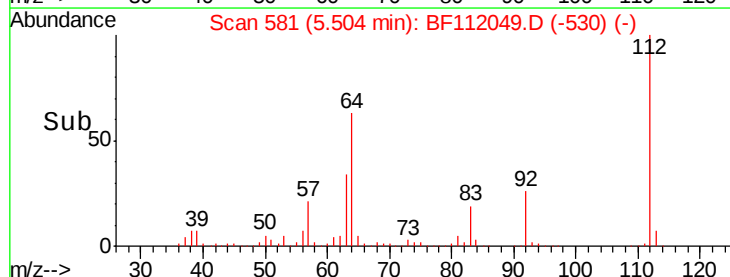
#5

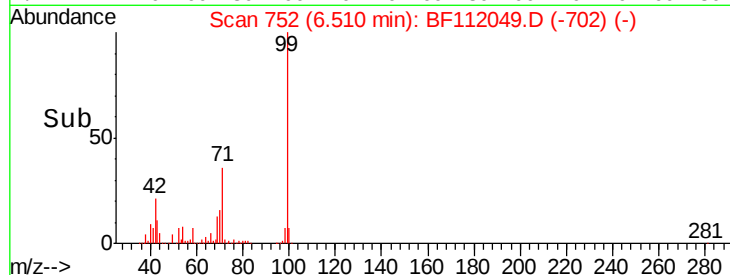
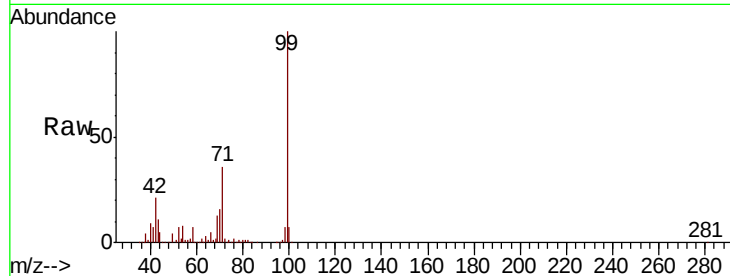
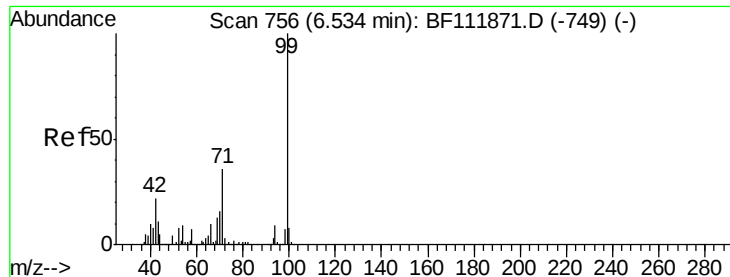
2-Fluorophenol
Concen: 94.679 ng
RT: 5.50 min Scan# 581
Delta R.T. -0.00 min
Lab File: BF112049.D
Acq: 14 Jan 2019 14:37

Tgt Ion:112 Resp: 746654
Ion Ratio Lower Upper
112 100
64 62.5 48.3 72.5
63 33.6 26.1 39.1



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: 95.184 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF112049.D

Acq: 14 Jan 2019 14:37

Instrument :

BNA_F

ClientSampleId :

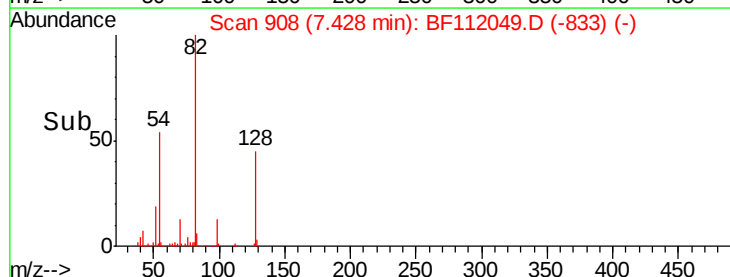
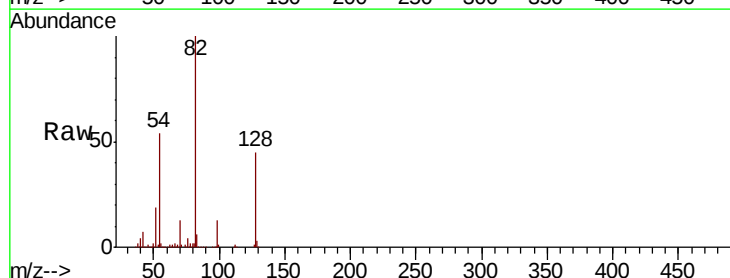
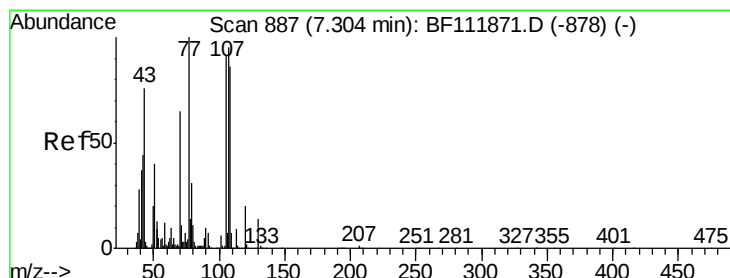
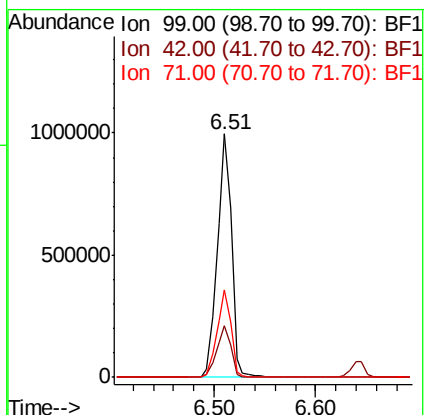
Tot Ion: 99 Resp: 967474

Ion Ratio Lower Upper

99 100

42 21.1 17.9 26.9

71 35.8 28.7 43.1



#19

n-Nitroso-di-n-propylamine

Concen: 11.243 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.14 min

Lab File: BF112049.D

Acq: 14 Jan 2019 14:37

Tgt Ion: 70 Resp: 74253

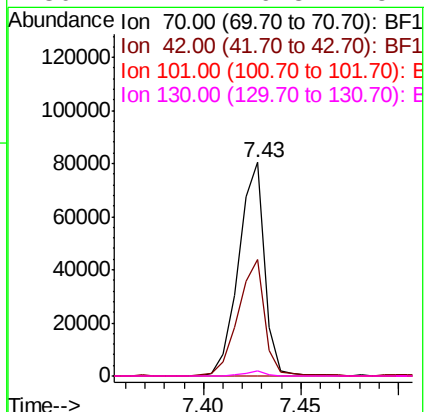
Ion Ratio Lower Upper

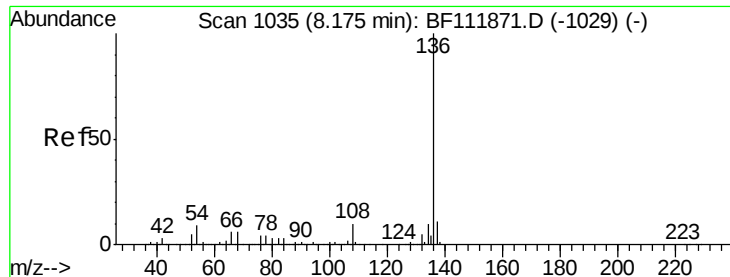
70 100

42 54.3 53.6 80.4

101 0.0 7.3 10.9#

130 2.2 16.8 25.2#

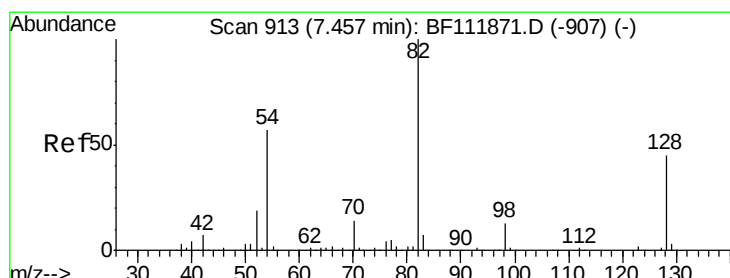
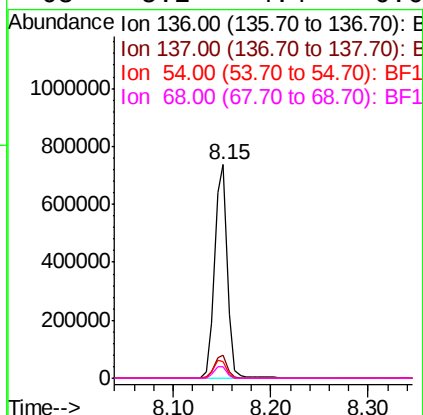
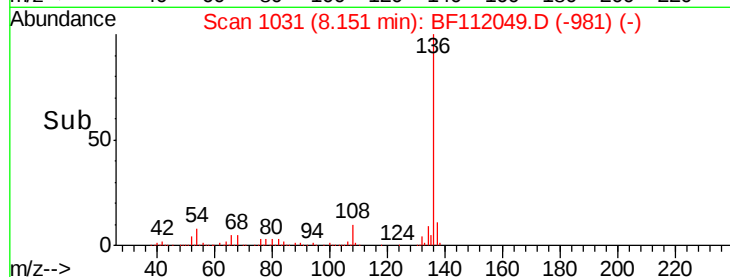
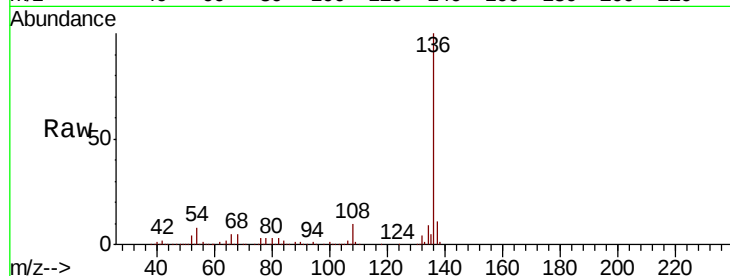




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF112049.D
Acq: 14 Jan 2019 14:37

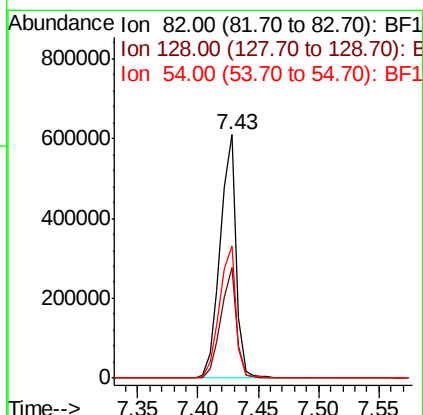
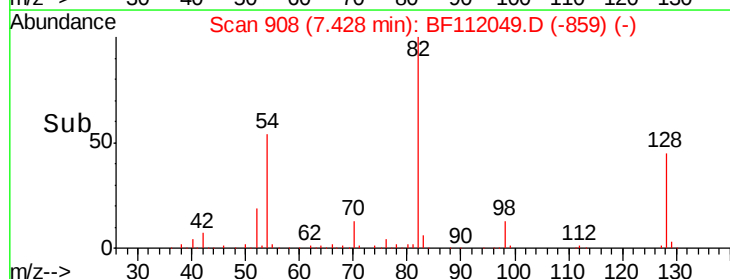
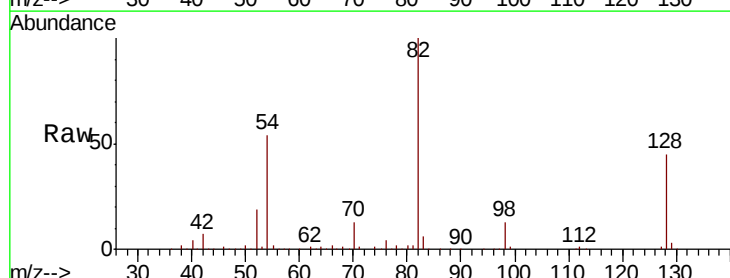
Instrument :
BNA_F
ClientSampleId :

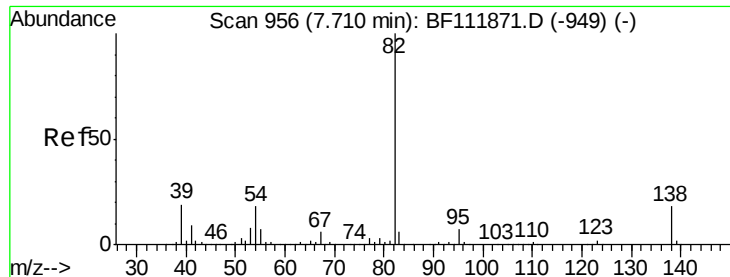
Tot Ion:136	Resp:	665594	
Ion Ratio	Lower	Upper	
136 100			
137 10.6	9.1	13.7	
54 7.9	7.2	10.8	
68 5.2	4.4	6.6	



#23
Nitrobenzene-d5
Concen: 44.586 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF112049.D
Acq: 14 Jan 2019 14:37

Tgt Ion: 82	Resp: 555261
Ion Ratio	Lower Upper
82 100	
128 45.3	35.7 53.5
54 54.1	45.8 68.8





#25

Isophorone

Concen: 27.533 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.26 min

Lab File: BF112049.D

Acq: 14 Jan 2019 14:37

Instrument :

BNA_F

ClientSampleId :

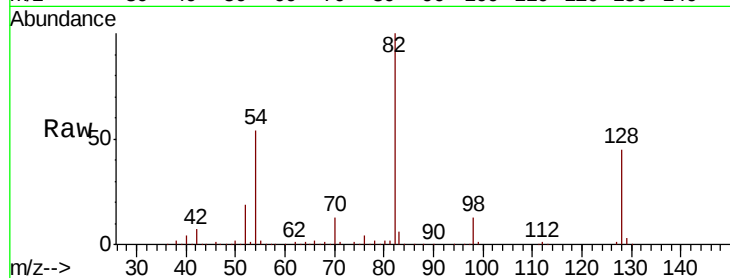
Tot Ion: 82 Resp: 555254

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

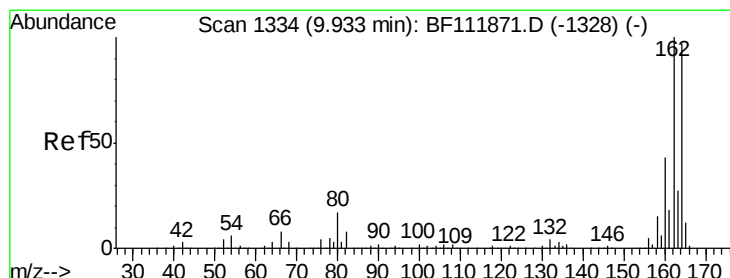
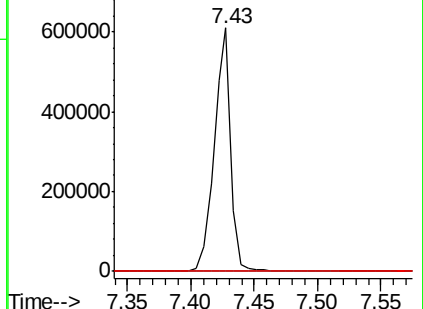
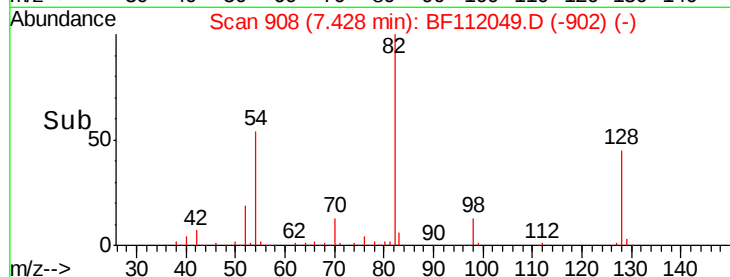
138 0.0 14.4 21.6#



Abundance Ion 82.00 (81.70 to 82.70): BF111871.D (-949) (-)

Ion 95.00 (94.70 to 95.70): BF111871.D (-949) (-)

Ion 138.00 (137.70 to 138.70): BF111871.D (-949) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF112049.D

Acq: 14 Jan 2019 14:37

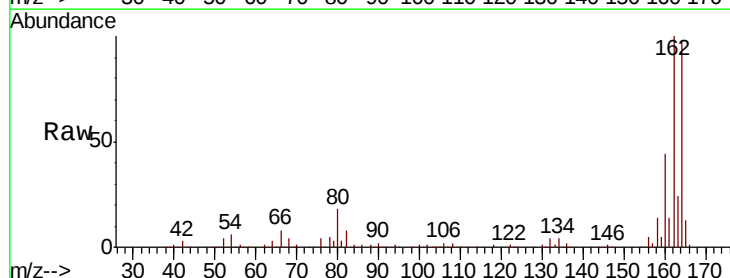
Tgt Ion: 164 Resp: 256933

Ion Ratio Lower Upper

164 100

162 102.2 82.2 123.2

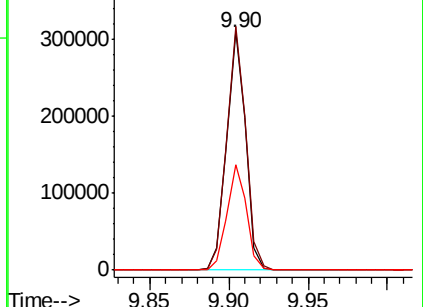
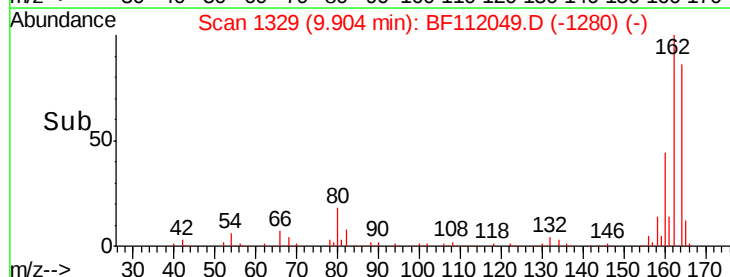
160 44.5 35.5 53.3

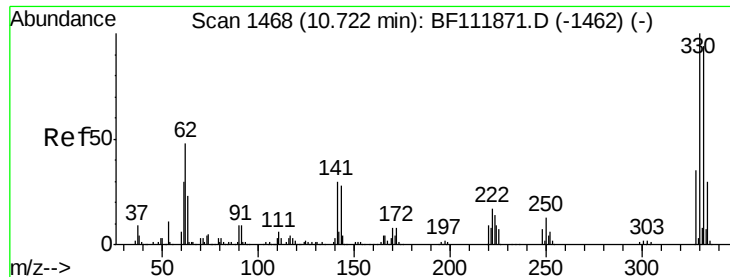


Abundance Ion 164.00 (163.70 to 164.70): BF111871.D (-1328) (-)

Ion 162.00 (161.70 to 162.70): BF111871.D (-1328) (-)

Ion 160.00 (159.70 to 160.70): BF111871.D (-1328) (-)

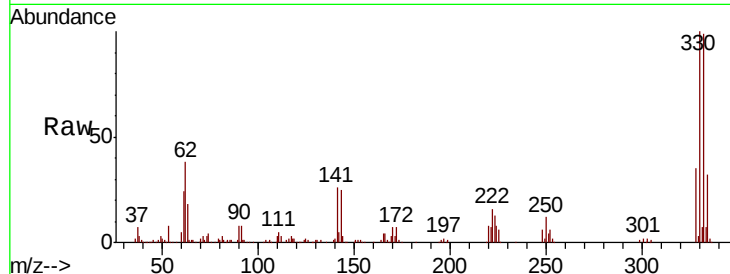




#42
 2,4,6-Tribromophenol
 Concen: 78.027 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF112049.D
 Acq: 14 Jan 2019 14:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.9	115.3
141	30.5	23.7	35.5

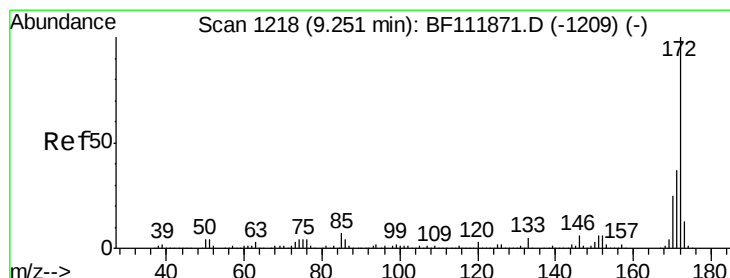
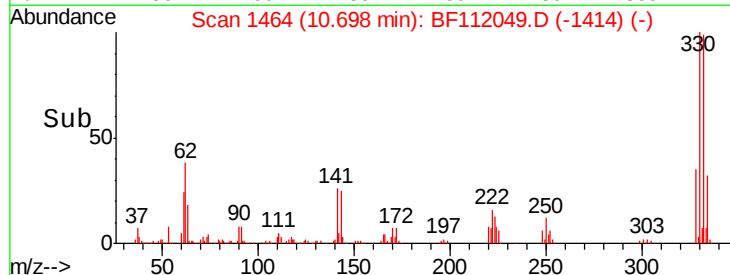
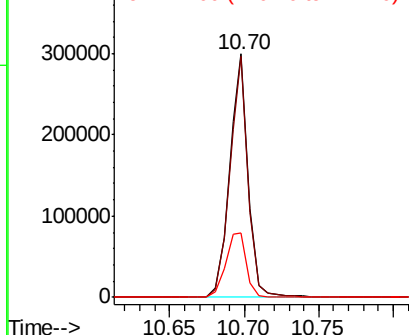


Abundance

Ion 329.80 (329.50 to 330.50): E

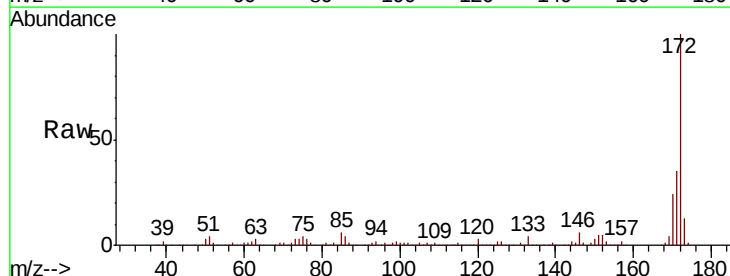
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 39.073 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF112049.D
 Acq: 14 Jan 2019 14:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.6	44.4
170	23.6	19.8	29.8

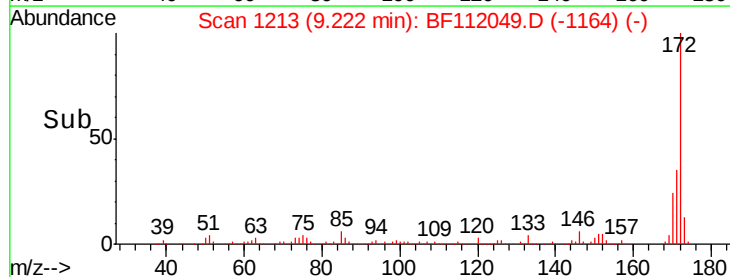
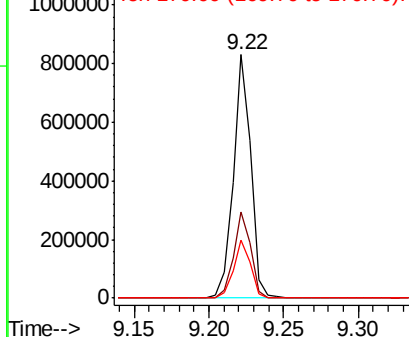


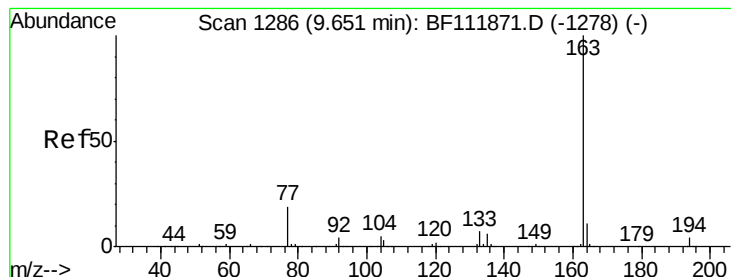
Abundance

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





#50

Dimethylphthalate

Concen: 17.116 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.02 min

Lab File: BF112049.D

Acq: 14 Jan 2019 14:37

Instrument :

BNA_F

ClientSampled :

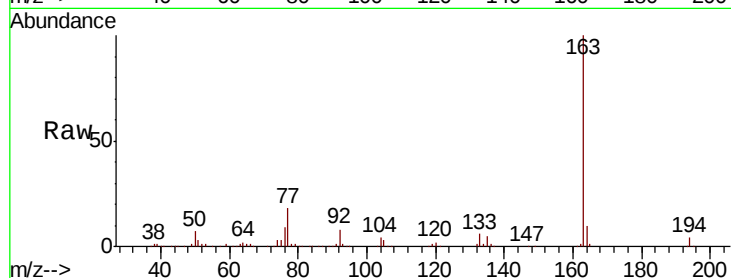
Tot Ion:163 Resp: 330347

Ion Ratio Lower Upper

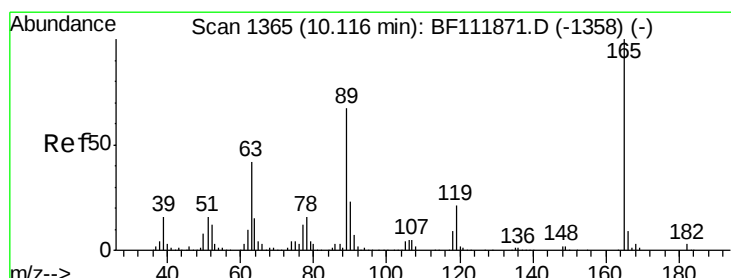
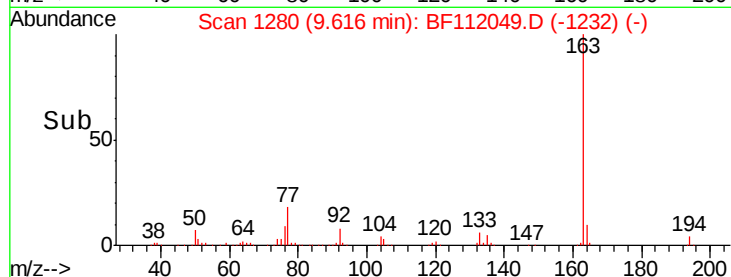
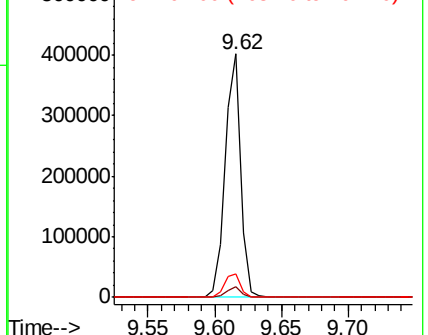
163 100

194 4.2 3.4 5.2

164 9.8 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#57

2,4-Dinitrotoluene

Concen: 5.943 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.19 min

Lab File: BF112049.D

Acq: 14 Jan 2019 14:37

Tgt Ion:165 Resp: 33145

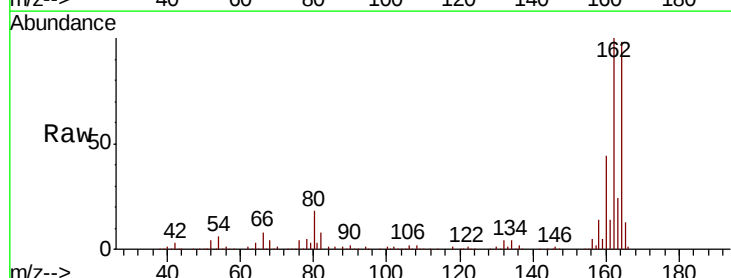
Ion Ratio Lower Upper

165 100

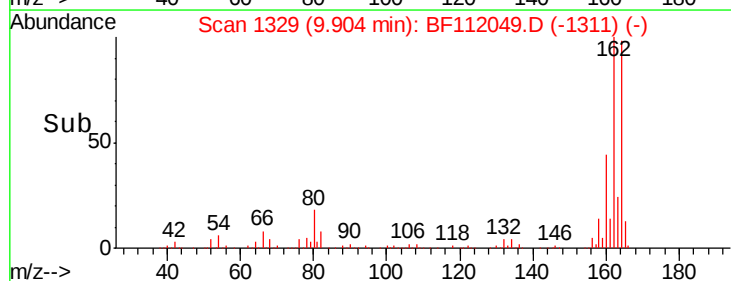
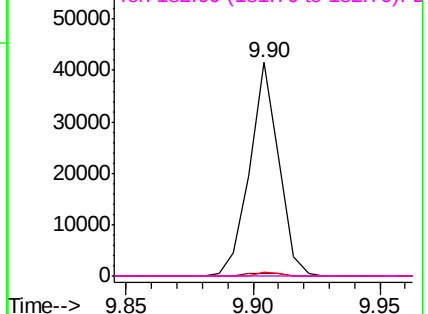
63 1.3 34.1 51.1#

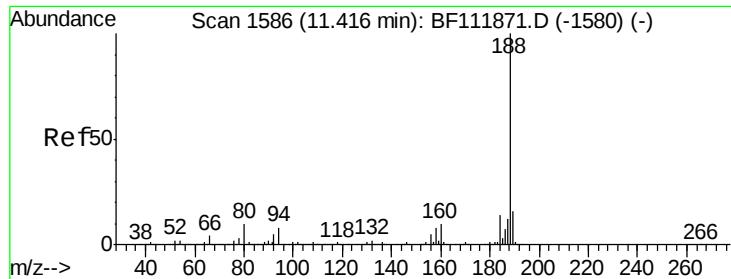
89 1.6 53.5 80.3#

182 0.0 2.0 3.0#



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

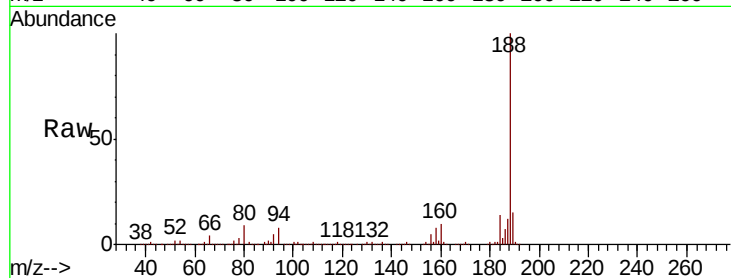




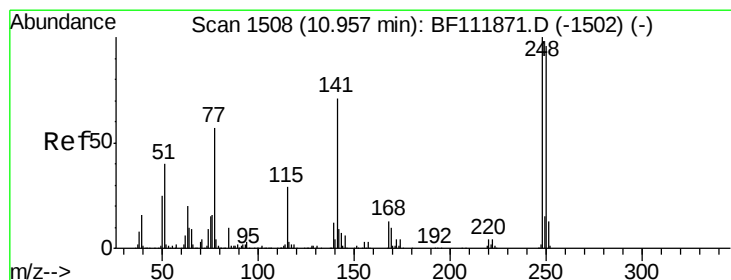
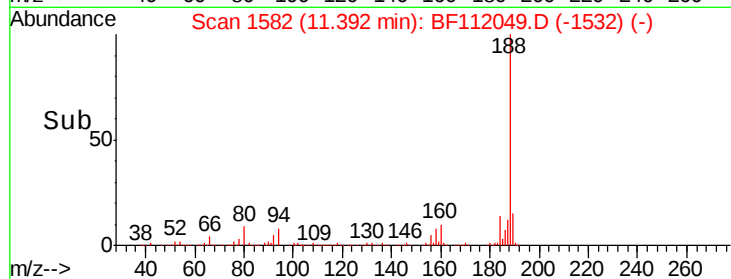
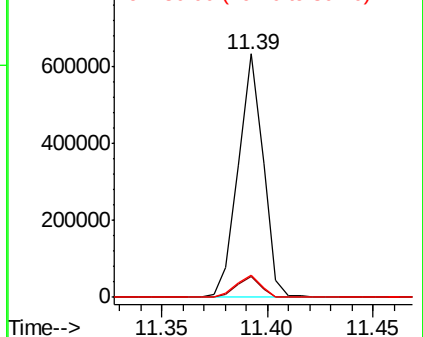
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF112049.D
Acq: 14 Jan 2019 14:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 516496
Ion Ratio Lower Upper
188 100
94 8.4 6.6 10.0
80 9.4 7.7 11.5

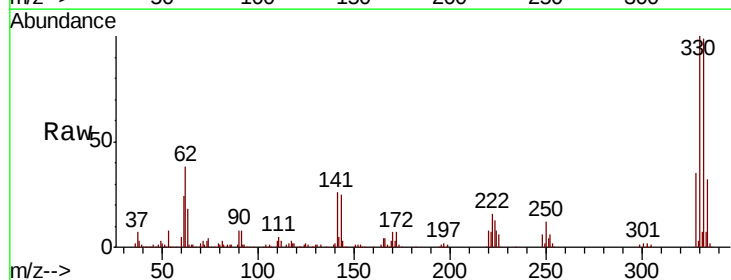


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

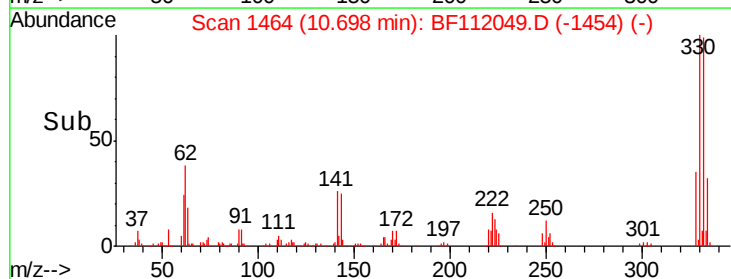
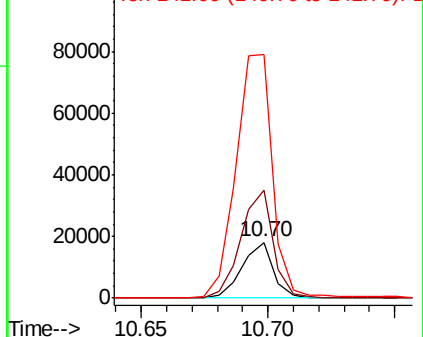


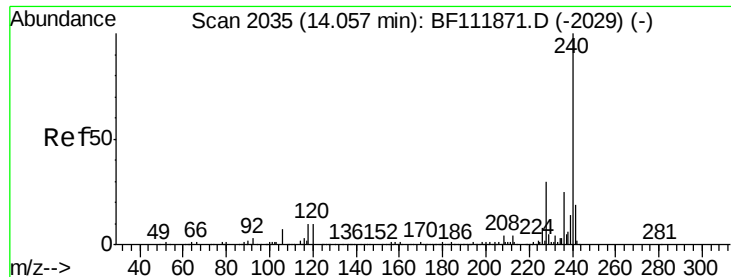
#67
4-Bromophenyl-phenylether
Concen: 2.319 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.24 min
Lab File: BF112049.D
Acq: 14 Jan 2019 14:37

Tgt Ion:248 Resp: 15515
Ion Ratio Lower Upper
248 100
250 192.4 76.8 115.2#
141 435.2 57.0 85.6#



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

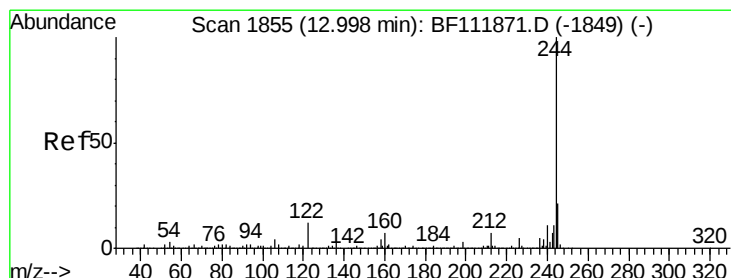
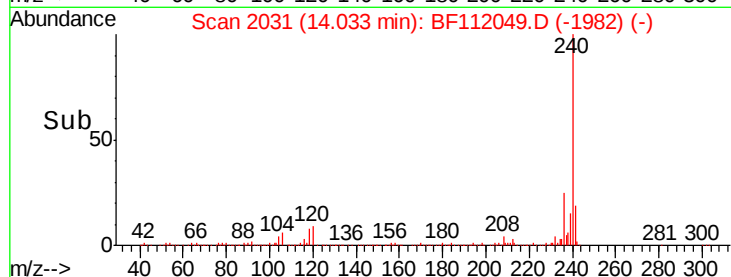
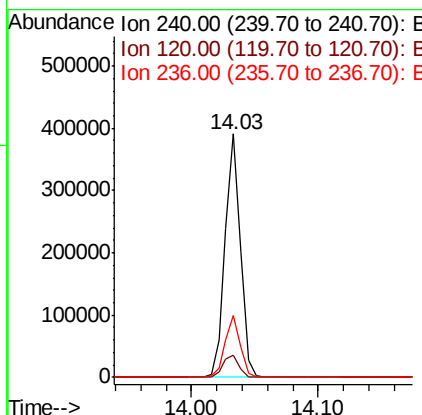
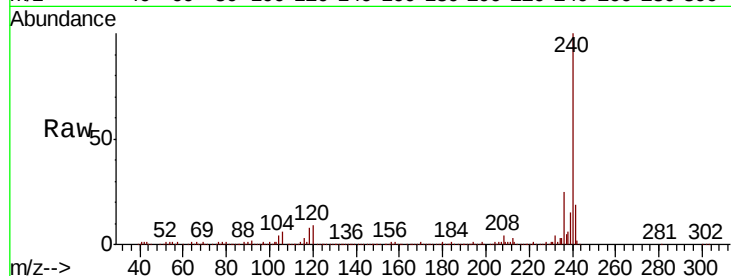




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF112049.D
 Acq: 14 Jan 2019 14:37

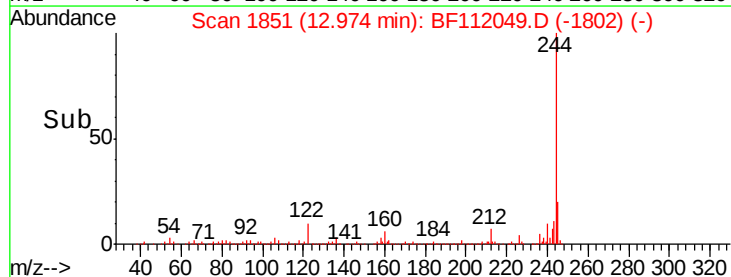
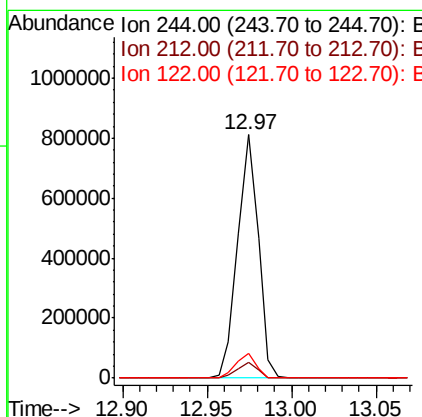
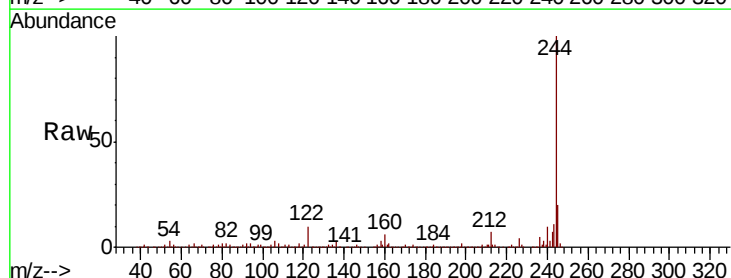
Instrument :
 BNA_F
 ClientSampleId :

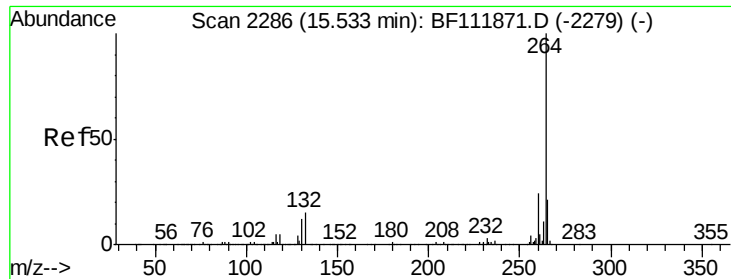
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.2	8.2	12.2
236	25.4	20.2	30.4



#79
 Terphenyl-d14
 Concen: 40.016 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BF112049.D
 Acq: 14 Jan 2019 14:37

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.8
122	10.3	9.5	14.3





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.51 min Scan# 2282
 Delta R.T. -0.01 min
 Lab File: BF112049.D
 Acq: 14 Jan 2019 14:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	22.7	17.1	25.7

