

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
 Data File : BF114562.D
 Acq On : 24 May 2019 11:44
 Operator : JU/SJ
 Sample : K2838-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FEBH-05(33-33.5)

Quant Time: May 24 12:30:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 24 07:23:33 2019
 Response via : Initial Calibration

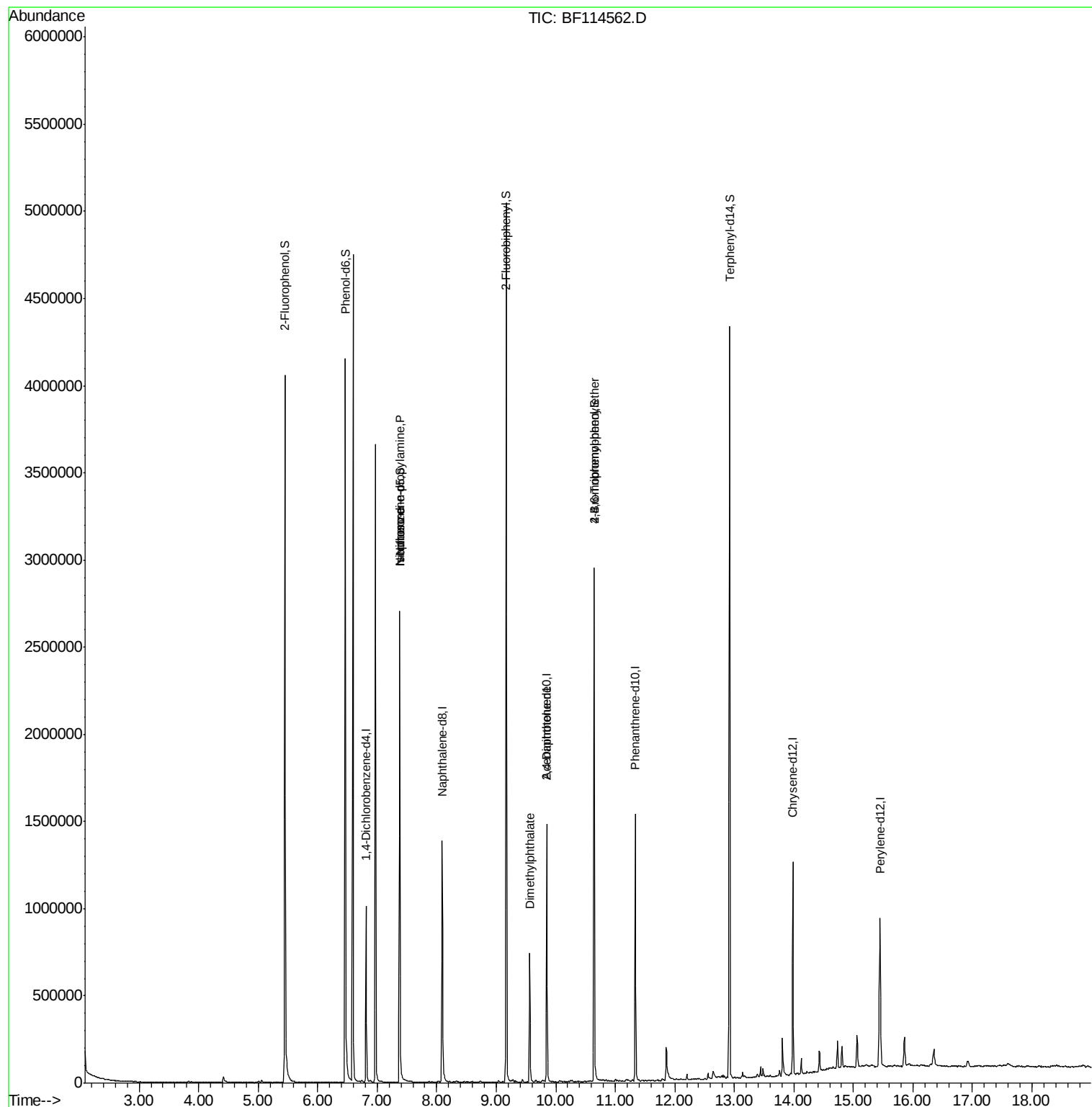
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	167537	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	633122	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	299971	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	601999	20.00	ng	0.00
76) Chrysene-d12	13.98	240	401171	20.00	ng	0.00
87) Perylene-d12	15.44	264	394000	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1205762	115.82	ng	0.00
7) Phenol-d6	6.46	99	1589348	129.08	ng	0.00
23) Nitrobenzene-d5	7.38	82	968075	85.81	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	368550	118.84	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1530458	77.18	ng	0.00
79) Terphenyl-d14	12.92	244	1499741	77.06	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	126697	16.233	ng	# 76
25) Isophorone	7.38	82	968069	46.269	ng	# 64
50) Dimethylphthalate	9.56	163	284509	12.920	ng	99
57) 2,4-Dinitrotoluene	9.85	165	38069	5.743	ng	# 25
67) 4-Bromophenyl-phenylether	10.65	248	24633	3.716	ng	# 1

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

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Instrument :
BNA_F
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FEBH-05(33-33.5)

Quant Time: May 24 12:30:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 24 07:23:33 2019
Response via : Initial Calibration

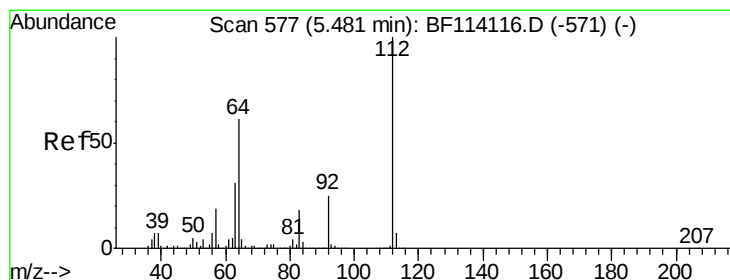
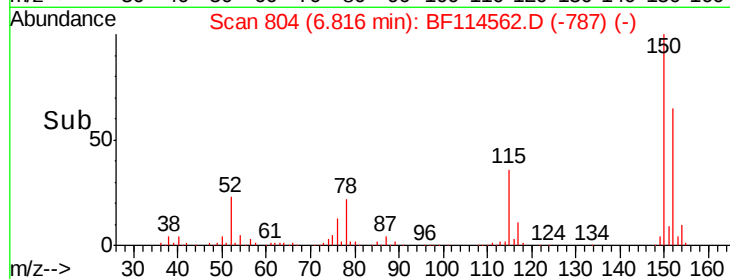
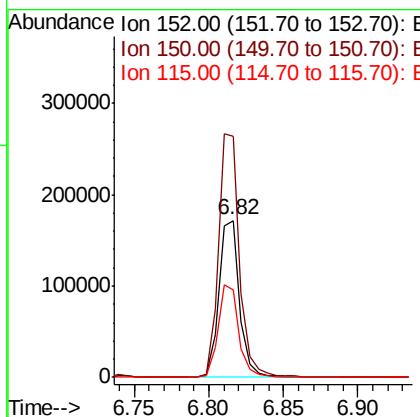
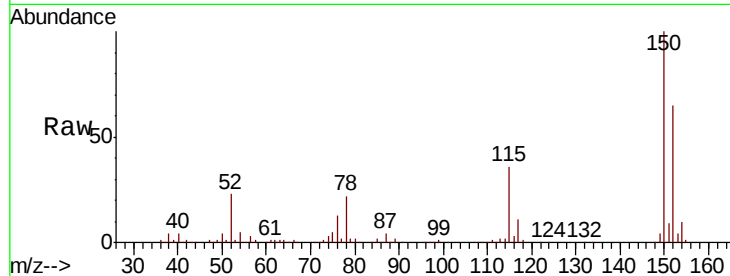




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: BF114562.D
 Acq: 24 May 2019 11:44

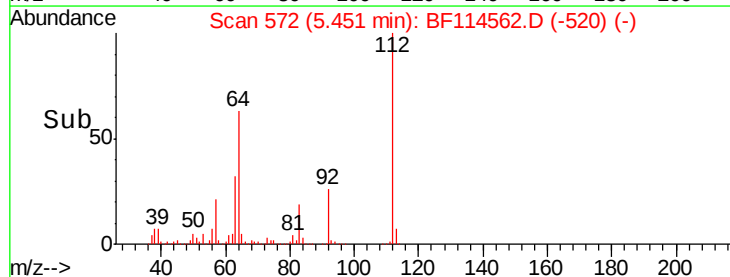
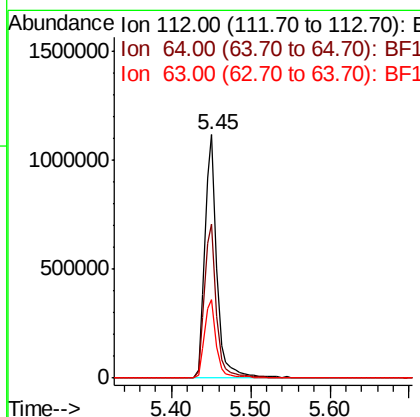
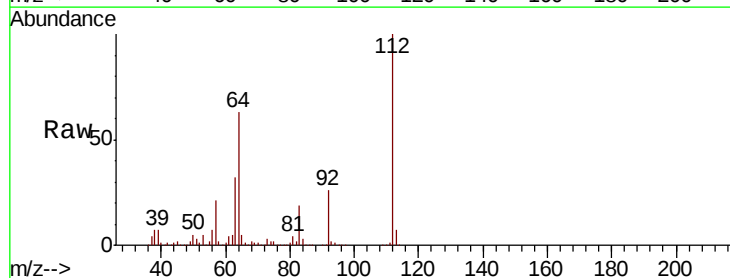
Instrument :
 BNA_F
 ClientSampleId :
 FEBH-05(33-33.5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	124.3	186.5
115	55.9	49.1	73.7



#5
 2-Fluorophenol
 Concen: 115.818 ng
 RT: 5.45 min Scan# 572
 Delta R.T. 0.01 min
 Lab File: BF114562.D
 Acq: 24 May 2019 11:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.2	49.0	73.6
63	32.4	24.6	37.0





#7

Phenol-d6

Concen: 129.077 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF114562.D

Acq: 24 May 2019 11:44

Instrument :

BNA_F

ClientSampleId :

FEBH-05(33-33.5)

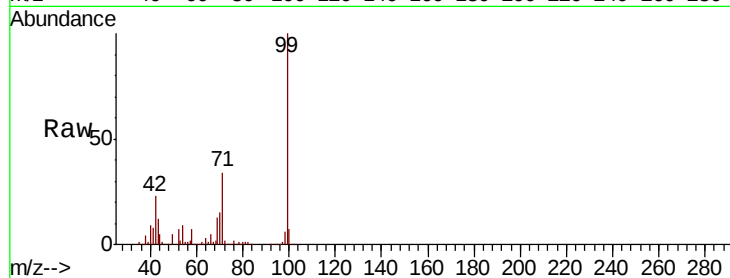
Tot Ion: 99 Resp: 1589348

Ion Ratio Lower Upper

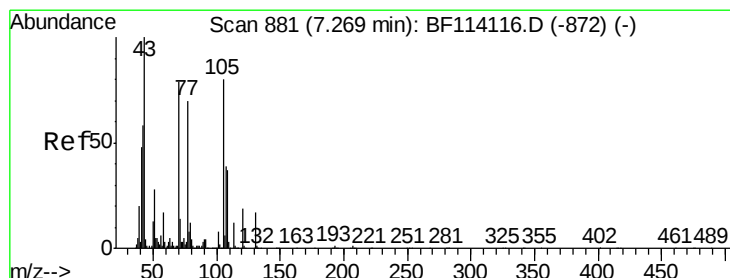
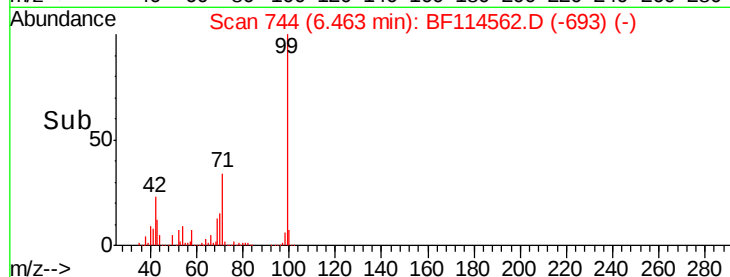
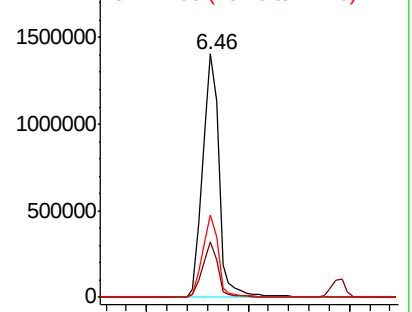
99 100

42 22.7 17.9 26.9

71 33.9 26.2 39.2



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: 16.233 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF114562.D

Acq: 24 May 2019 11:44

Tgt Ion: 70 Resp: 126697

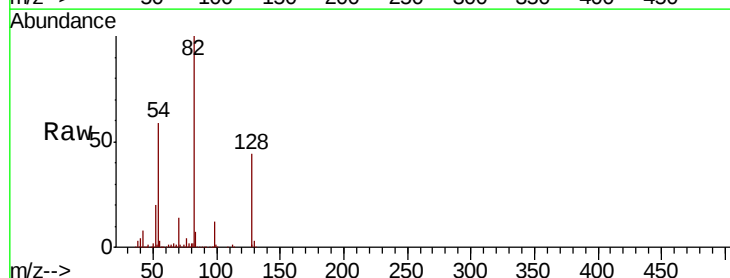
Ion Ratio Lower Upper

70 100

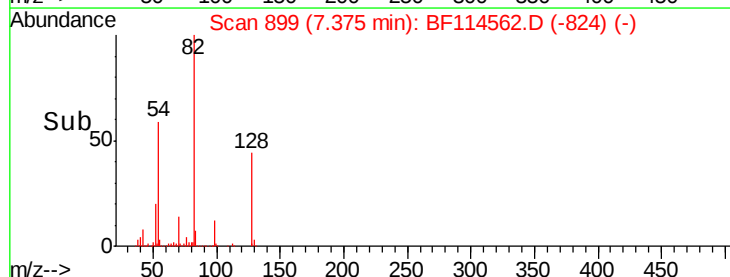
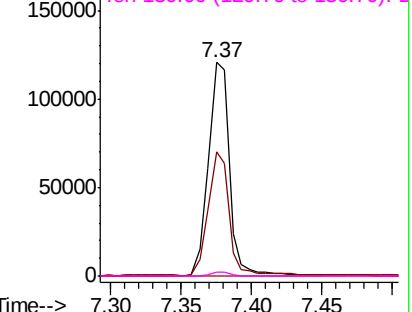
42 58.0 58.6 87.8#

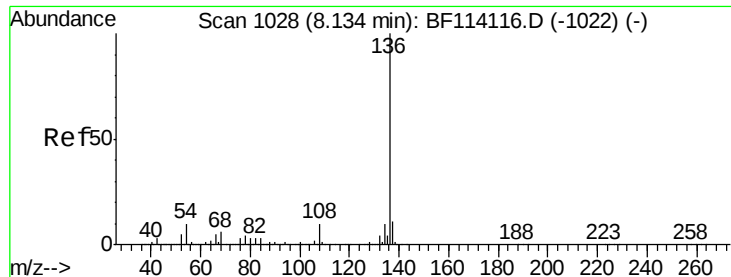
101 0.0 7.8 11.8#

130 1.9 17.1 25.7#



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

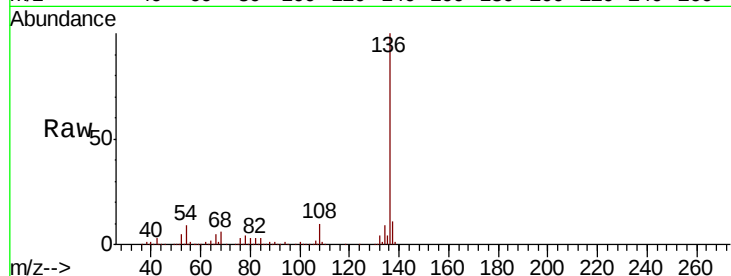




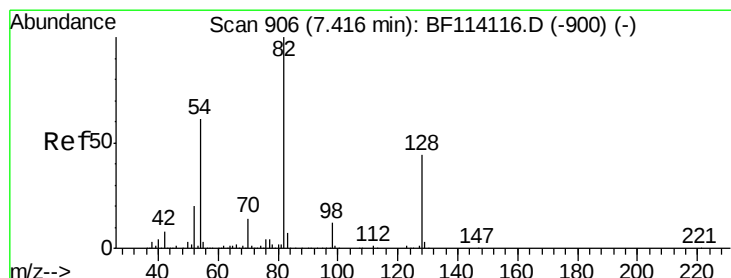
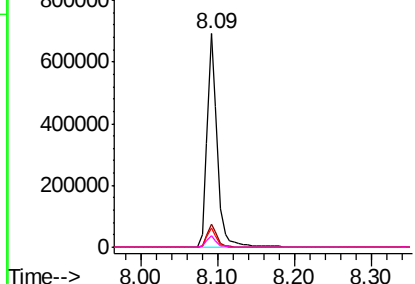
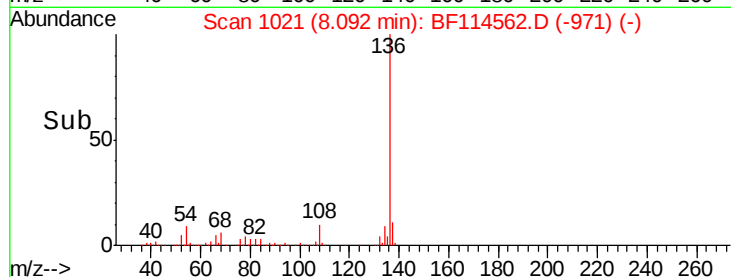
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF114562.D
Acq: 24 May 2019 11:44

Instrument :
BNA_F
ClientSampleId :
FEBH-05(33-33.5)

Tot Ion:136	Resp:	633122
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.8 13.2
54	8.9	7.8 11.8
68	5.5	5.1 7.7

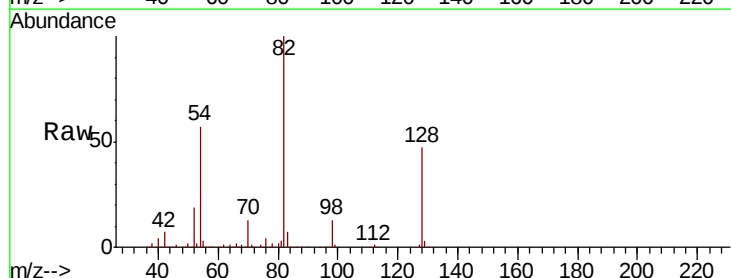


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

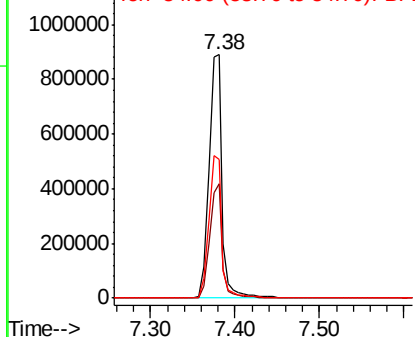
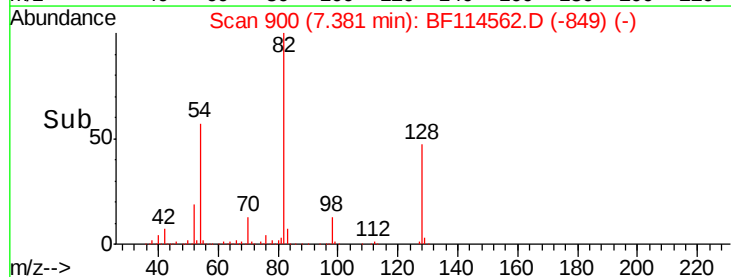


#23
Nitrobenzene-d5
Concen: 85.810 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF114562.D
Acq: 24 May 2019 11:44

Tgt Ion: 82	Resp:	968075
Ion	Ratio	Lower Upper
82	100	
128	47.0	35.5 53.3
54	57.0	48.5 72.7



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: 46.269 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.26 min

Lab File: BF114562.D

Acq: 24 May 2019 11:44

Instrument :

BNA_F

ClientSampleId :

FEBH-05(33-33.5)

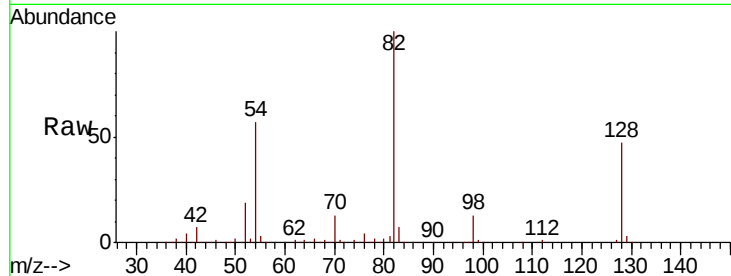
Tot Ion: 82 Resp: 968069

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

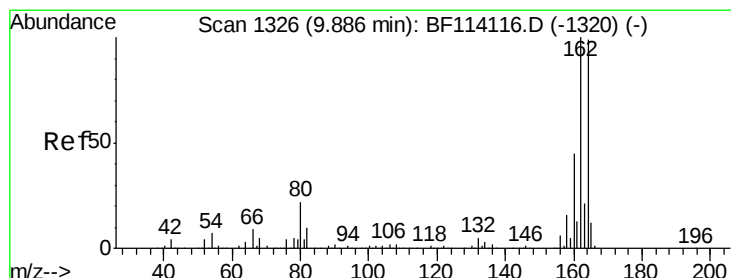
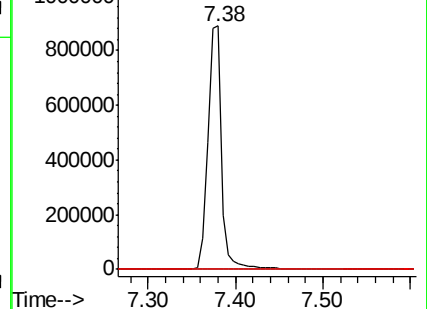
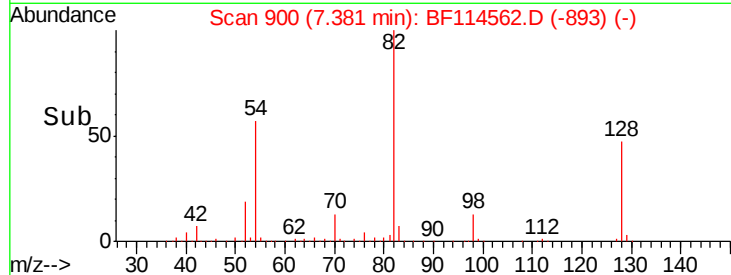
138 0.0 14.8 22.2#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BF114562.D

Acq: 24 May 2019 11:44

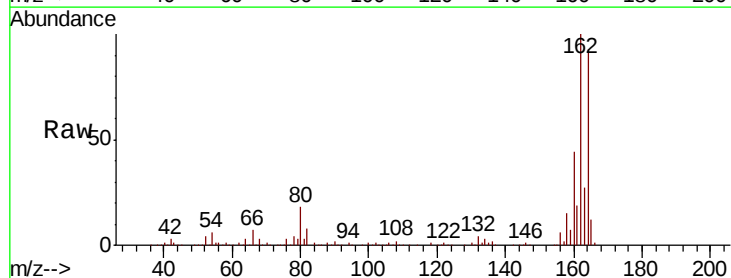
Tgt Ion:164 Resp: 299971

Ion Ratio Lower Upper

164 100

162 107.2 80.6 120.8

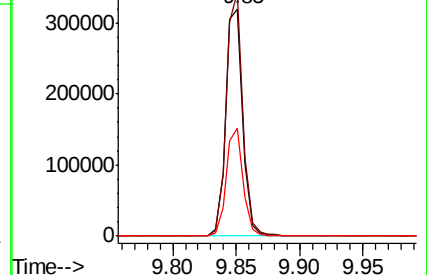
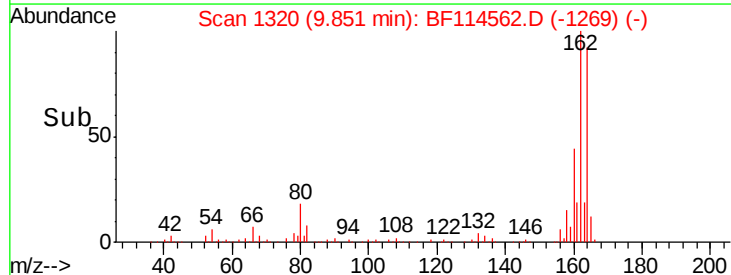
160 47.6 36.5 54.7

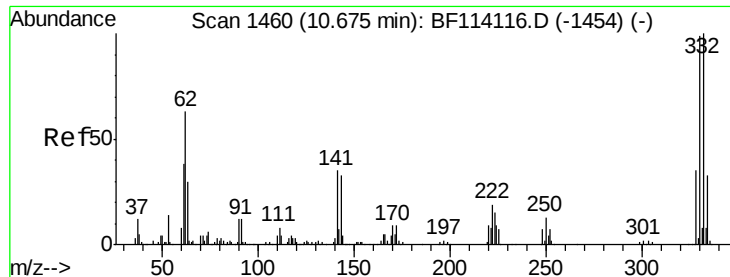


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

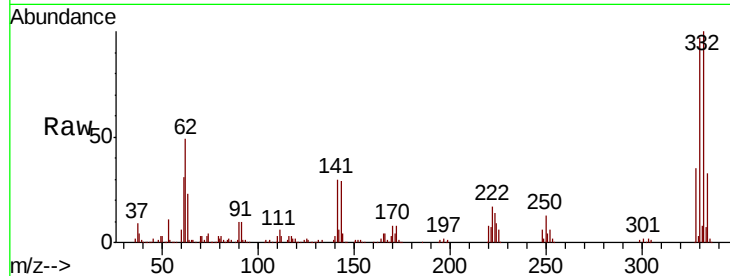




#42
 2,4,6-Tribromophenol
 Concen: 118.841 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BF114562.D
 Acq: 24 May 2019 11:44

Instrument :
 BNA_F
 ClientSampleId :
 FEBH-05(33-33.5)

Tot Ion	Ratio	Lower	Upper
330	100		
332	101.8	81.4	122.2
141	33.5	26.6	40.0

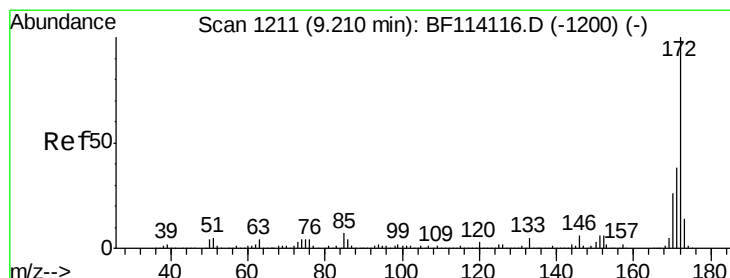
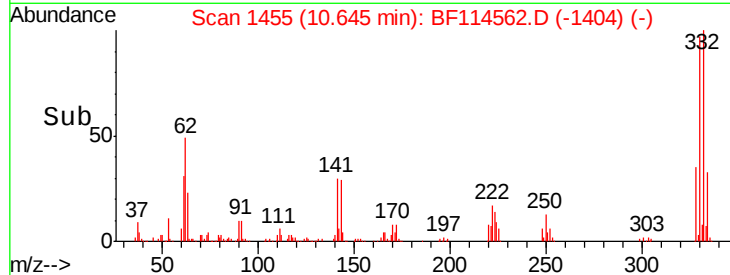
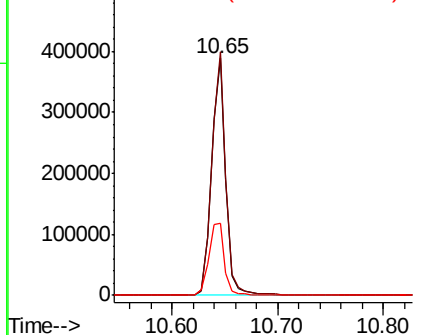


Abundance

Ion 329.80 (329.50 to 330.50): E

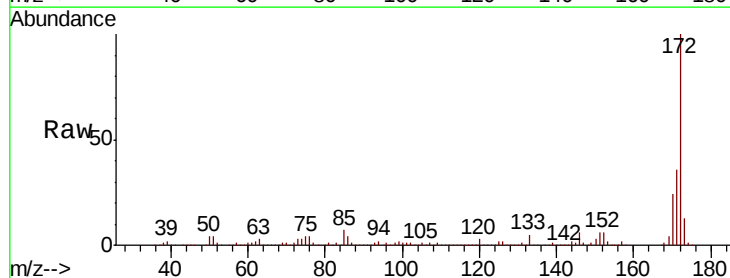
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 77.176 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF114562.D
 Acq: 24 May 2019 11:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	30.7	46.1
170	24.0	20.5	30.7

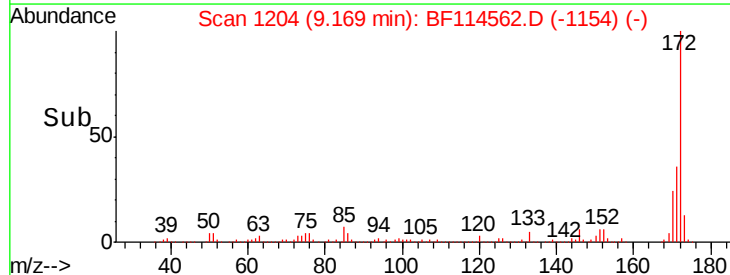
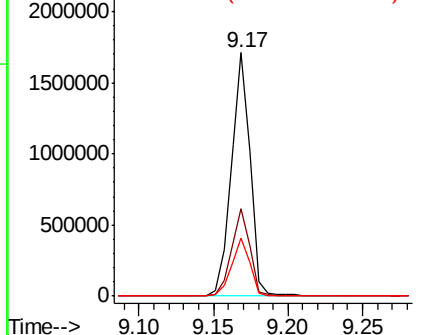


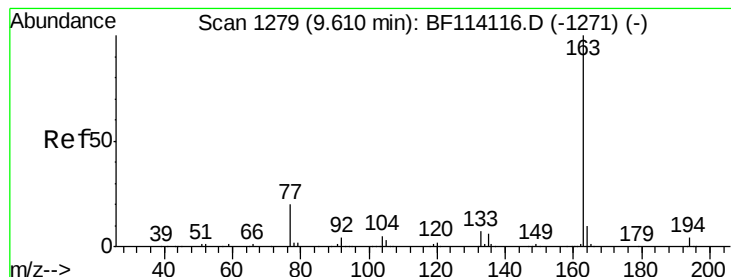
Abundance

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: 12.920 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF114562.D

Acq: 24 May 2019 11:44

Instrument :

BNA_F

ClientSampleId :

FEBH-05(33-33.5)

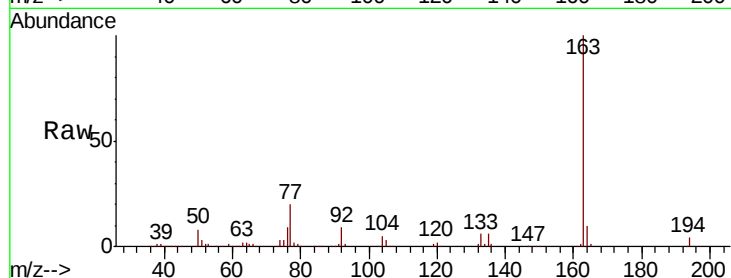
Tot Ion:163 Resp: 284509

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

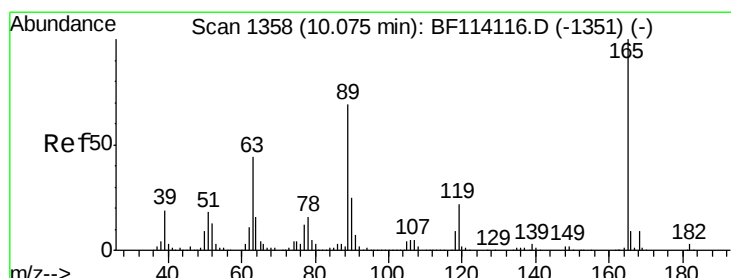
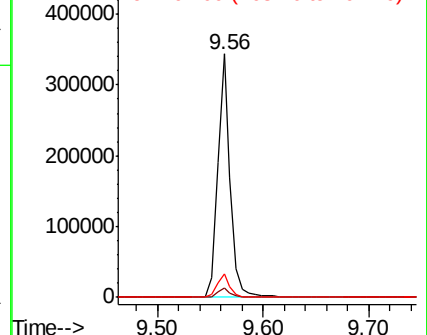
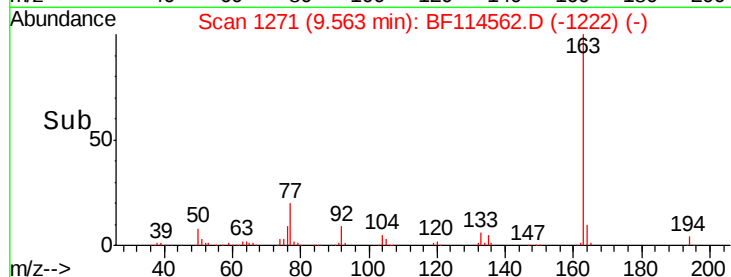
164 9.8 8.2 12.2



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: 5.743 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.20 min

Lab File: BF114562.D

Acq: 24 May 2019 11:44

Tgt Ion:165 Resp: 38069

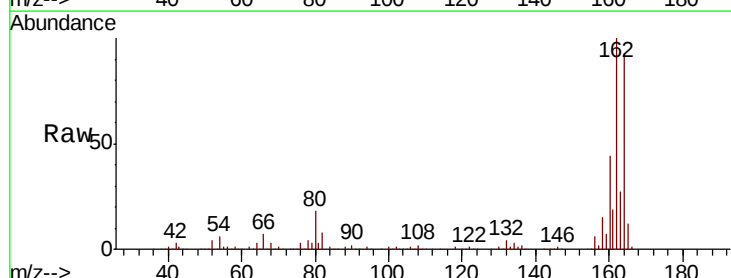
Ion Ratio Lower Upper

165 100

63 1.4 35.5 53.3#

89 1.5 55.2 82.8#

182 0.0 2.2 3.2#

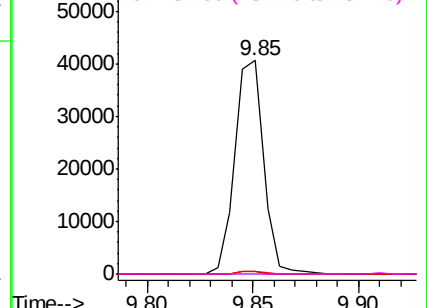
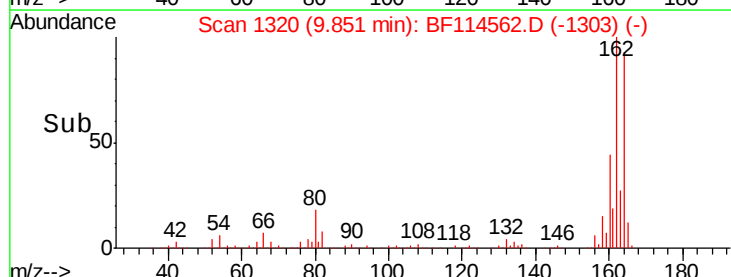


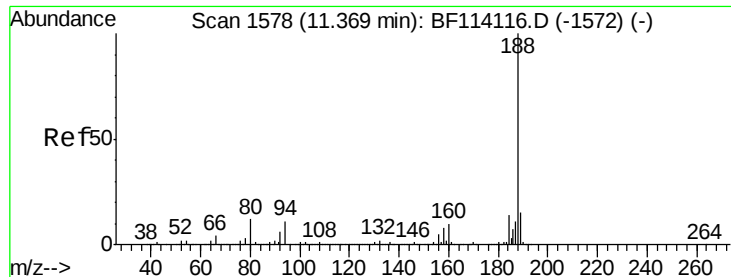
Abundance Ion 165.00 (164.70 to 165.70): E

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

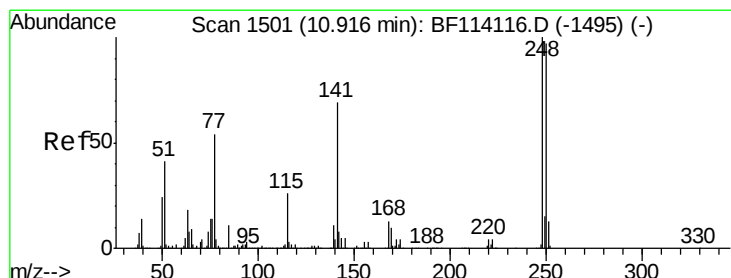
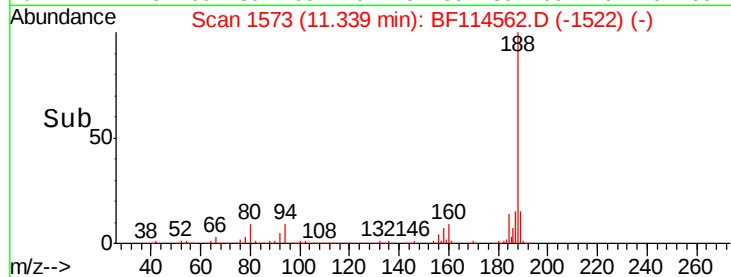
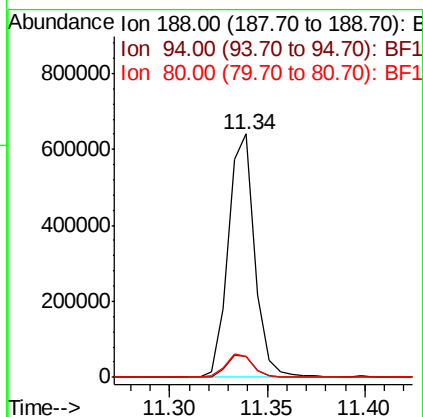
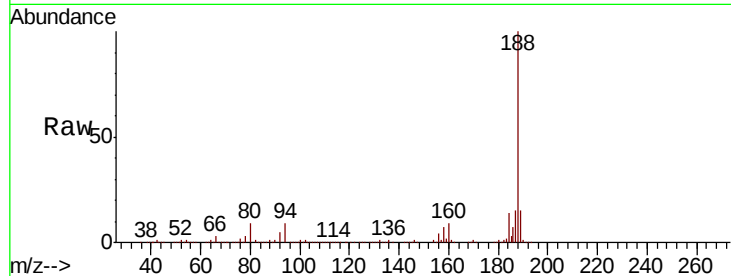




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.00 min
 Lab File: BF114562.D
 Acq: 24 May 2019 11:44

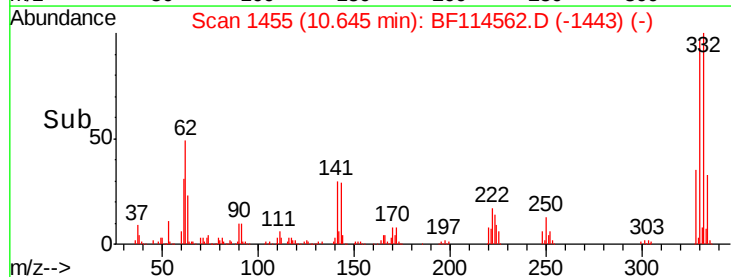
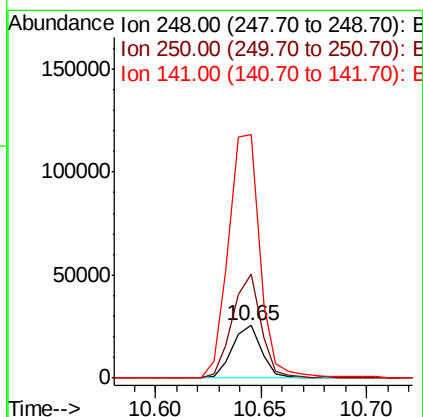
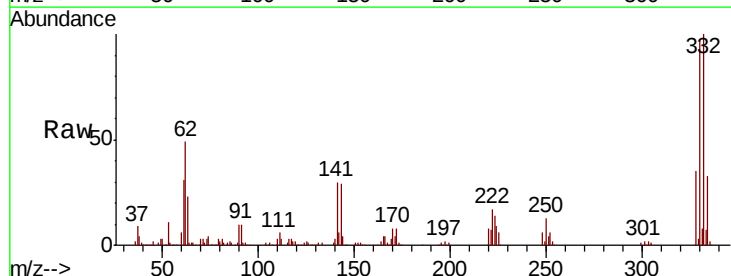
Instrument :
 BNA_F
 ClientSampleId :
 FEBH-05(33-33.5)

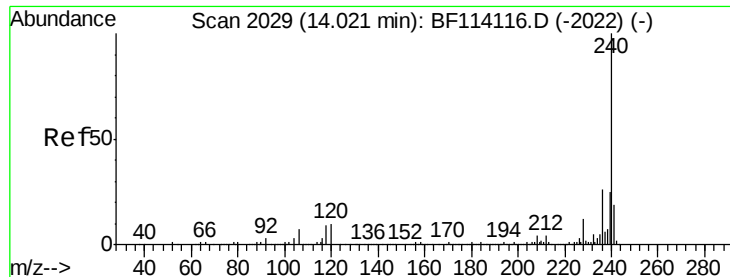
Tot Ion:188 Resp: 601999
 Ion Ratio Lower Upper
 188 100
 94 8.5 8.4 12.6
 80 8.8 9.2 13.8#



#67
 4-Bromophenyl-phenylether
 Concen: 3.716 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.23 min
 Lab File: BF114562.D
 Acq: 24 May 2019 11:44

Tgt Ion:248 Resp: 24633
 Ion Ratio Lower Upper
 248 100
 250 195.9 77.4 116.2#
 141 460.7 55.6 83.4#

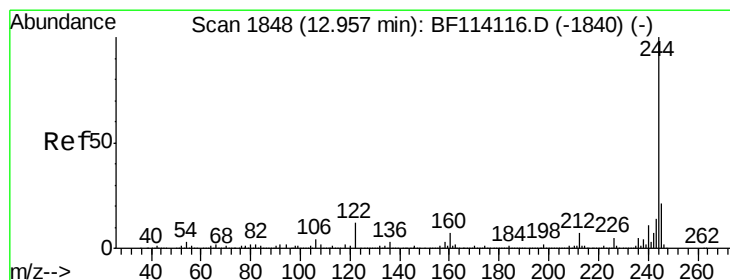
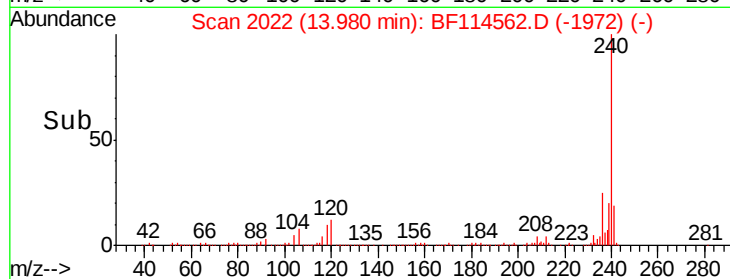
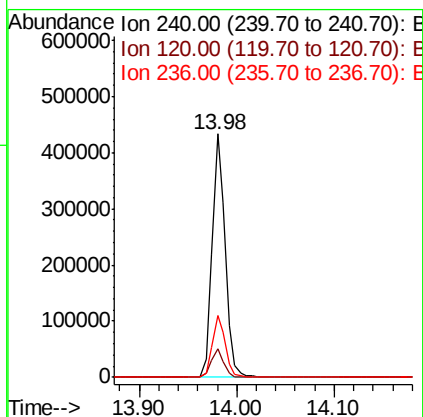
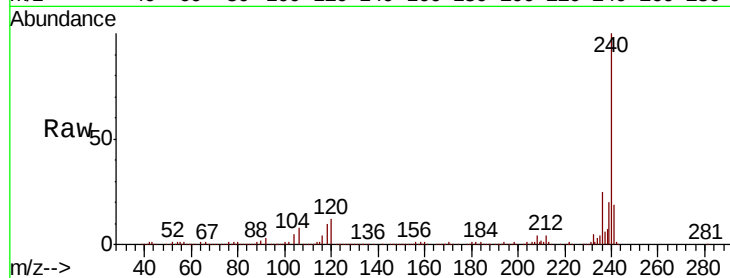




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF114562.D
 Acq: 24 May 2019 11:44

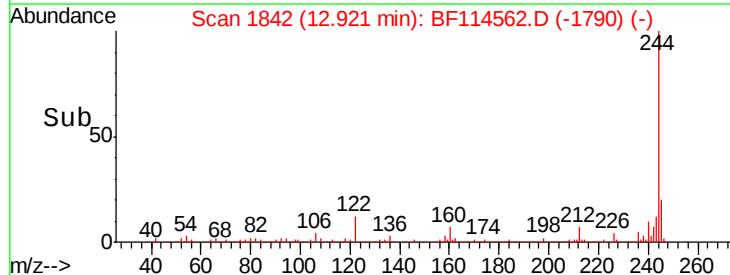
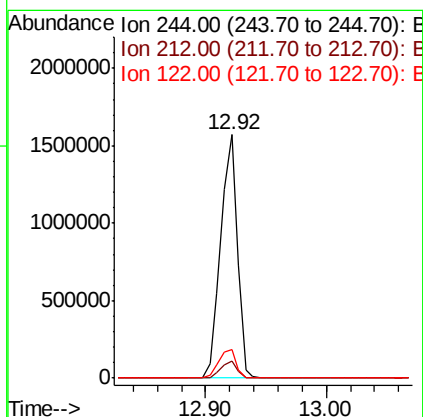
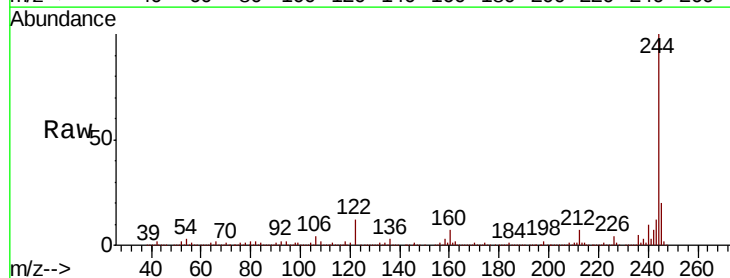
Instrument :
 BNA_F
 ClientSampleId :
 FEBH-05(33-33.5)

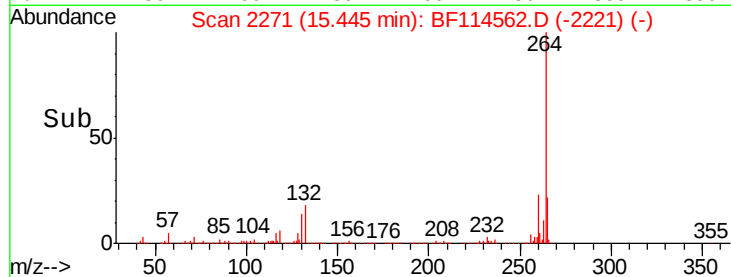
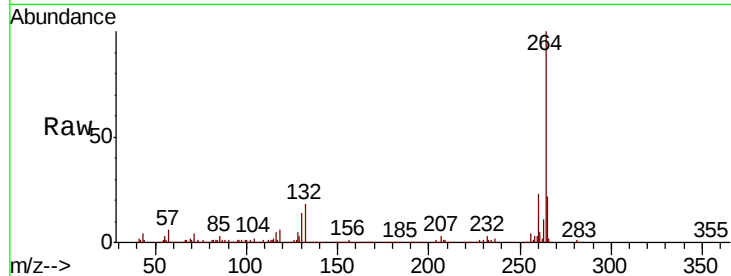
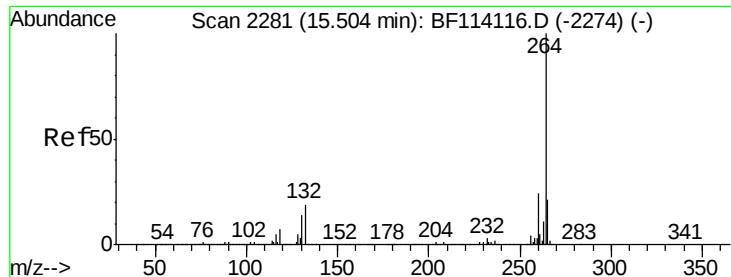
Tot Ion:240 Resp: 401171
 Ion Ratio Lower Upper
 240 100
 120 12.0 8.3 12.5
 236 25.5 20.8 31.2



#79
 Terphenyl-d14
 Concen: 77.065 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: BF114562.D
 Acq: 24 May 2019 11:44

Tgt Ion:244 Resp: 1499741
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 11.6 9.4 14.2





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: BF114562.D
 Acq: 24 May 2019 11:44

Instrument :
 BNA_F
 ClientSampleId :
 FEBH-05(33-33.5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.4	29.0
265	22.1	16.9	25.3

