

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
 Data File : BF114564.D
 Acq On : 24 May 2019 12:37
 Operator : JU/SJ
 Sample : K2838-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FEBH-04(32-32.5)

Quant Time: May 24 13:10:57 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

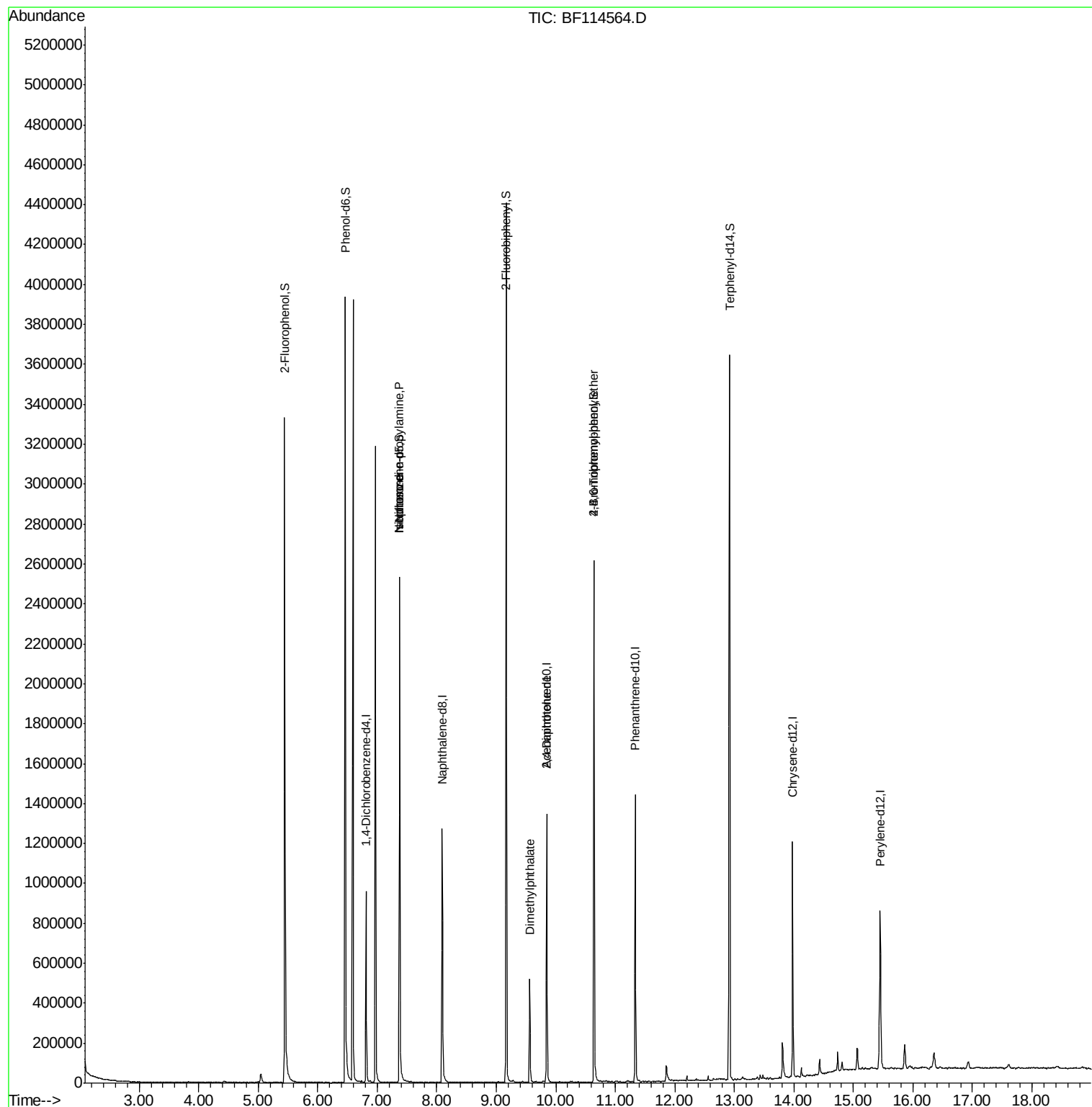
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	154759	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	592984	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	287435	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	588787	20.00	ng	0.00
76) Chrysene-d12	13.98	240	384538	20.00	ng	0.00
87) Perylene-d12	15.45	264	392339	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1054795	109.68	ng	0.00
7) Phenol-d6	6.46	99	1364638	119.98	ng	0.00
23) Nitrobenzene-d5	7.37	82	823771	77.96	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	318048	107.03	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1320599	69.50	ng	0.00
79) Terphenyl-d14	12.92	244	1337342	71.69	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	109204	15.147	ng	# 77
25) Isophorone	7.37	82	823845	42.041	ng	# 64
50) Dimethylphthalate	9.56	163	207262	9.823	ng	99
57) 2,4-Dinitrotoluene	9.85	165	36436	5.736	ng	# 25
67) 4-Bromophenyl-phenylether	10.64	248	20583	3.175	ng	# 1

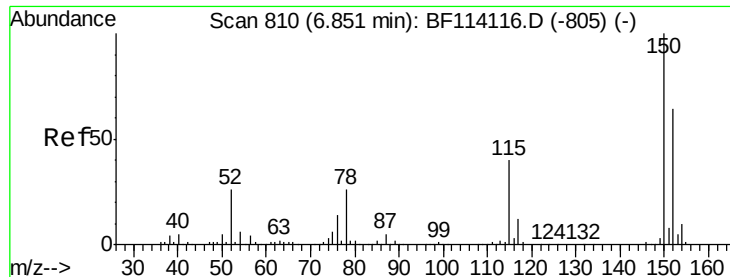
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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FEBH-04(32-32.5)

Quant Time: May 24 13:10:57 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



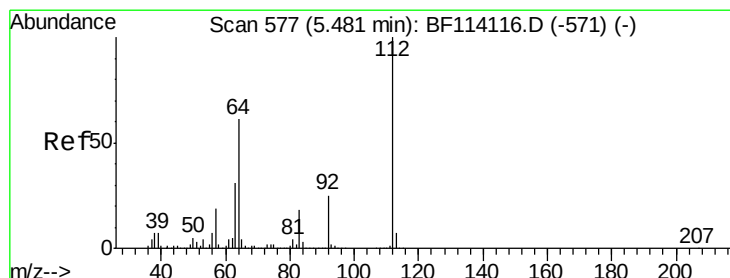
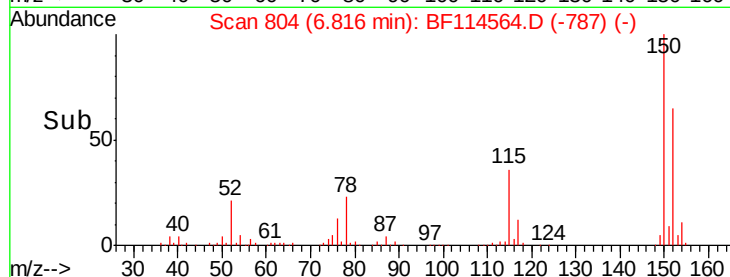
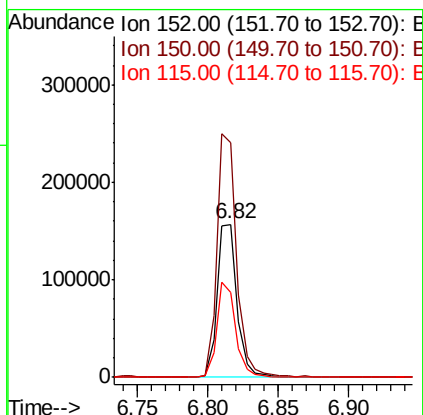
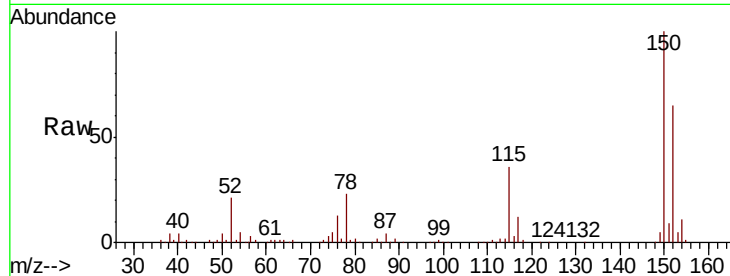


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF114564.D
Acq: 24 May 2019 12:37

Instrument :
BNA_F
ClientSampleId :
FEBH-04(32-32.5)

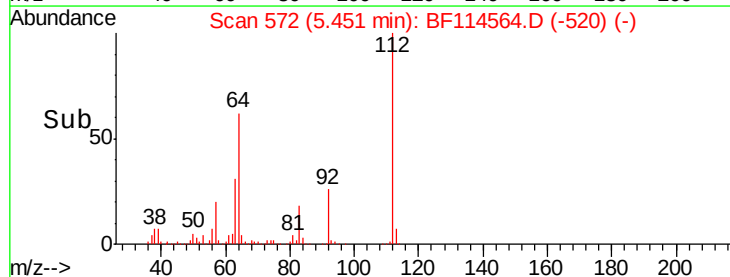
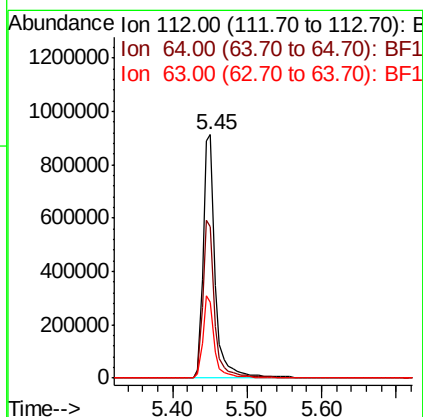
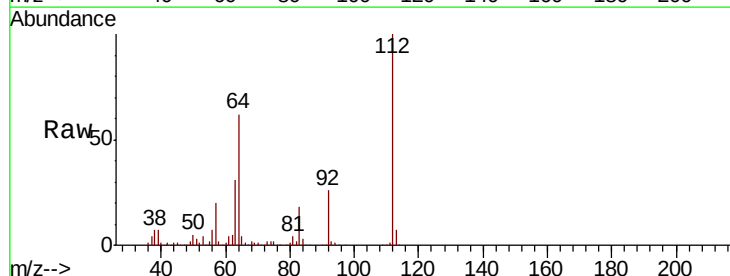
Tot Ion:152 Resp: 154759
Ion Ratio Lower Upper
152 100
150 153.1 124.3 186.5
115 55.0 49.1 73.7

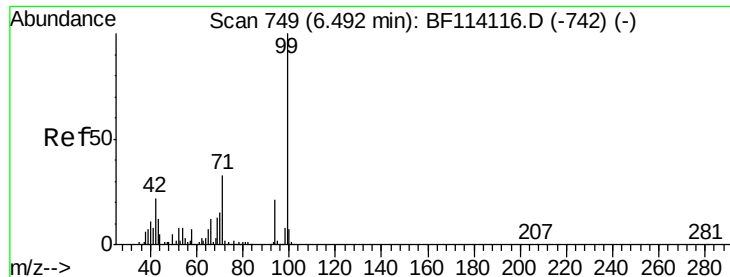


#5

2-Fluorophenol
Concen: 109.683 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF114564.D
Acq: 24 May 2019 12:37

Tgt Ion:112 Resp: 1054795
Ion Ratio Lower Upper
112 100
64 62.1 49.0 73.6
63 31.2 24.6 37.0





#7

Phenol-d6

Concen: 119.978 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF114564.D

Acq: 24 May 2019 12:37

Instrument :

BNA_F

ClientSampleId :

FEBH-04(32-32.5)

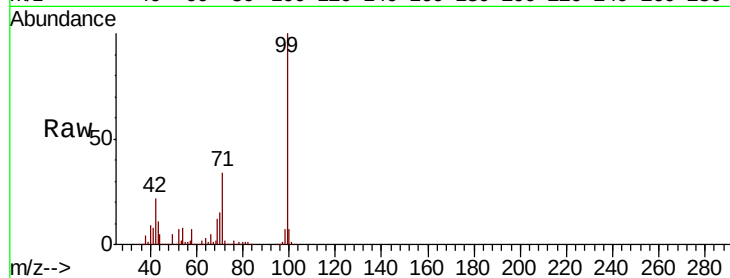
Tot Ion: 99 Resp: 1364638

Ion Ratio Lower Upper

99 100

42 21.6 17.9 26.9

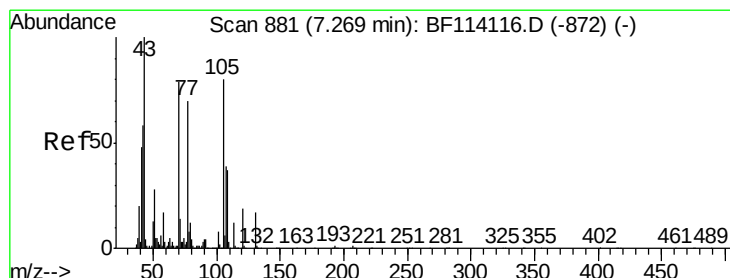
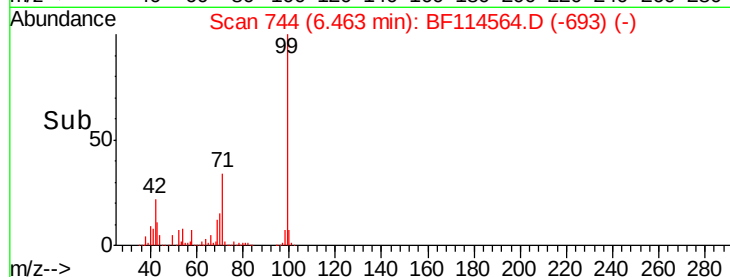
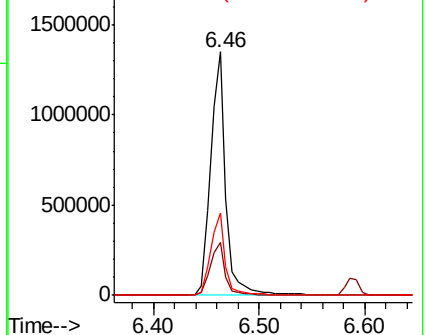
71 33.9 26.2 39.2



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: 15.147 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF114564.D

Acq: 24 May 2019 12:37

Tgt Ion: 70 Resp: 109204

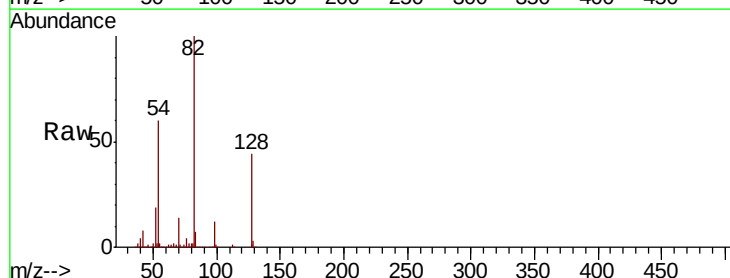
Ion Ratio Lower Upper

70 100

42 58.4 58.6 87.8#

101 0.0 7.8 11.8#

130 2.2 17.1 25.7#

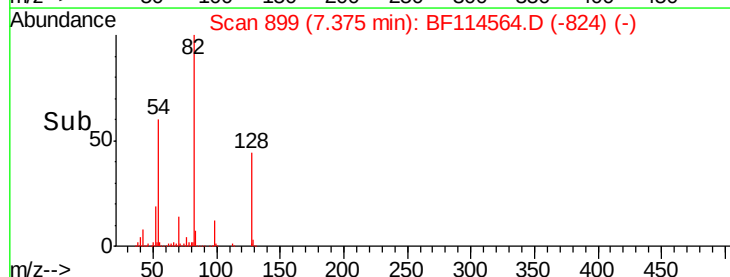
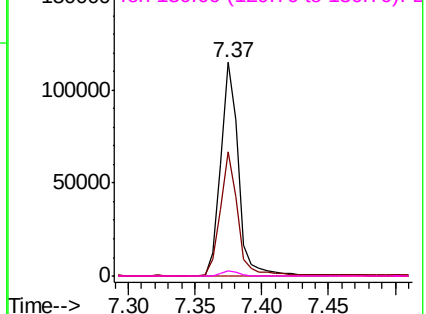


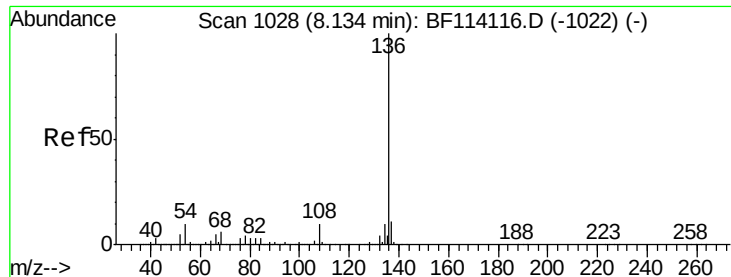
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

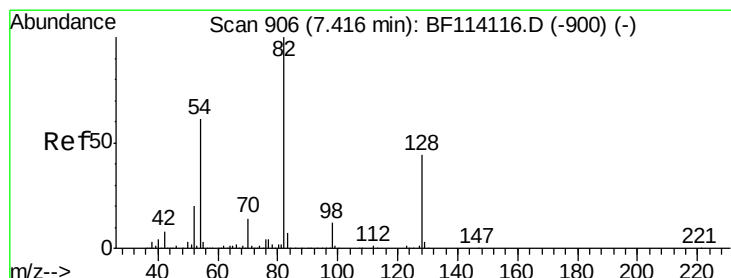
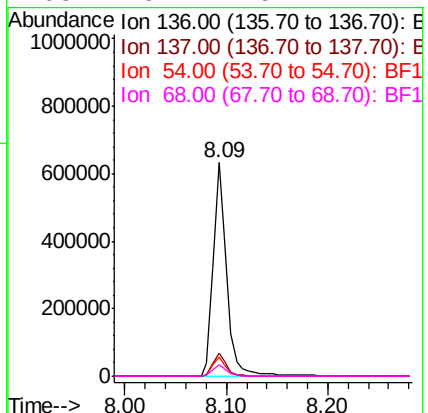
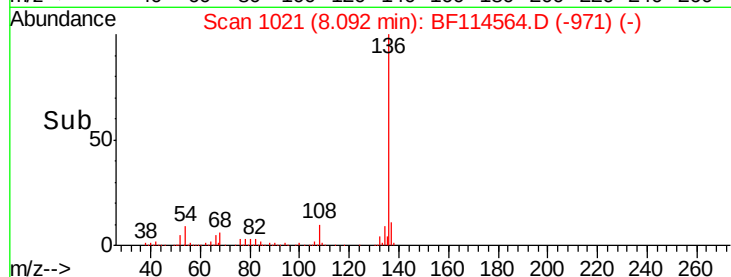
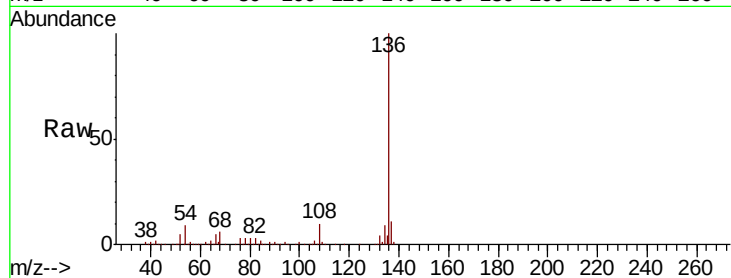




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF114564.D
Acq: 24 May 2019 12:37

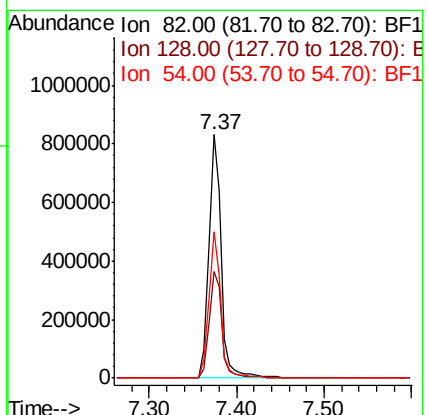
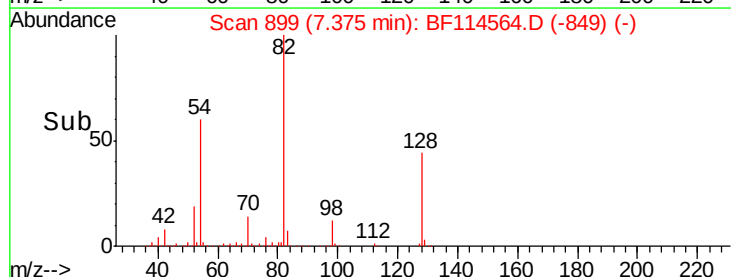
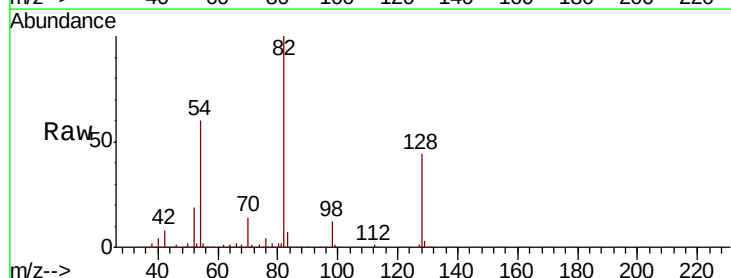
Instrument :
BNA_F
ClientSampleId :
FEBH-04(32-32.5)

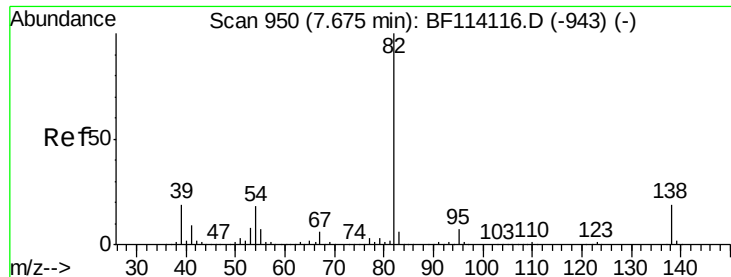
Tot Ion:136	Resp:	592984	
Ion Ratio	Lower	Upper	
136 100			
137 10.9	8.8	13.2	
54 9.0	7.8	11.8	
68 5.7	5.1	7.7	



#23
Nitrobenzene-d5
Concen: 77.962 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF114564.D
Acq: 24 May 2019 12:37

Tgt	Ion: 82	Resp:	823771
Ion	Ratio	Lower	Upper
82	100		
128	43.8	35.5	53.3
54	59.9	48.5	72.7





#25

Isophorone

Concen: 42.041 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF114564.D

Acq: 24 May 2019 12:37

Instrument :

BNA_F

ClientSampleId :

FEBH-04(32-32.5)

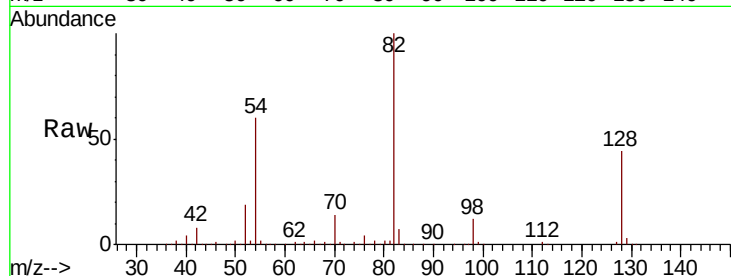
Tot Ion: 82 Resp: 823845

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

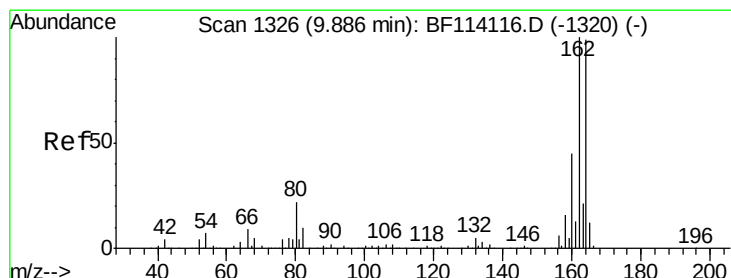
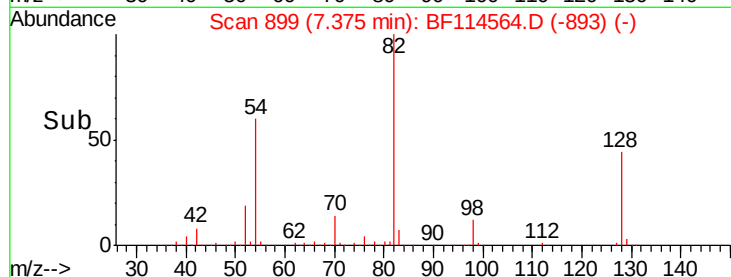
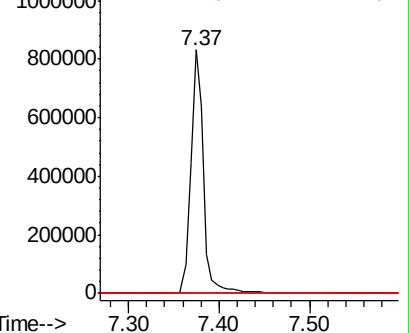
138 0.0 14.8 22.2#



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# 1319

Delta R.T. -0.01 min

Lab File: BF114564.D

Acq: 24 May 2019 12:37

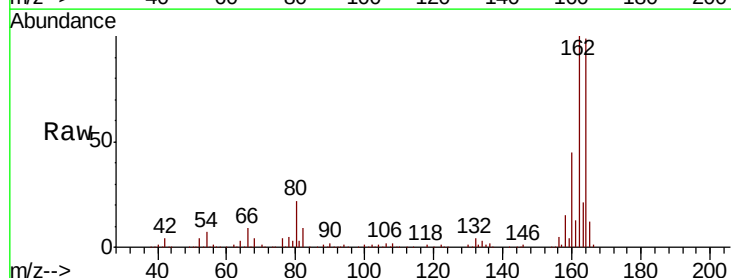
Tgt Ion:164 Resp: 287435

Ion Ratio Lower Upper

164 100

162 101.3 80.6 120.8

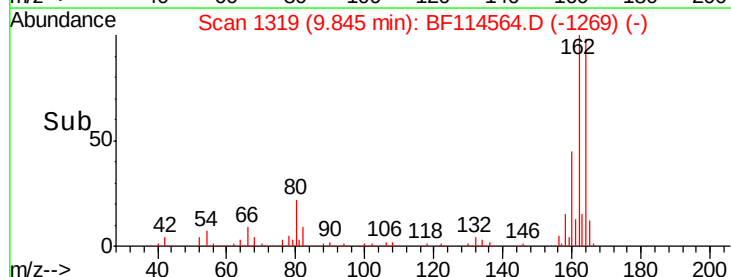
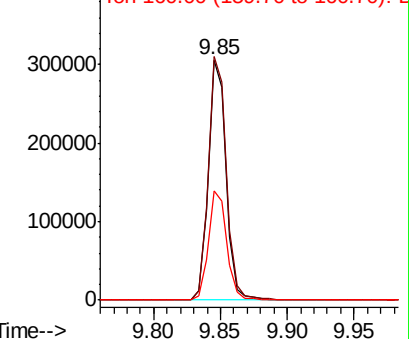
160 45.6 36.5 54.7

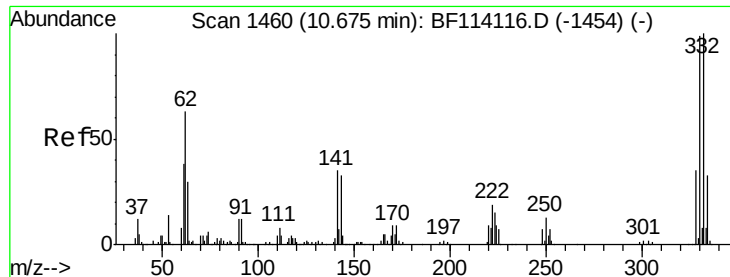


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

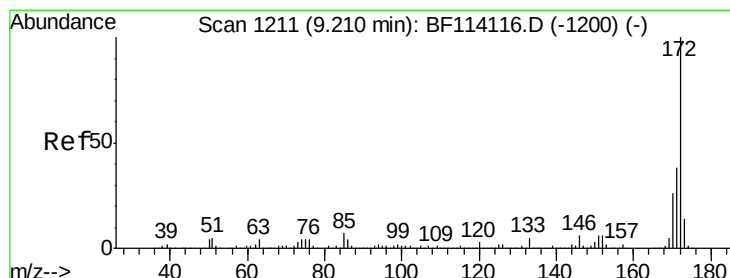
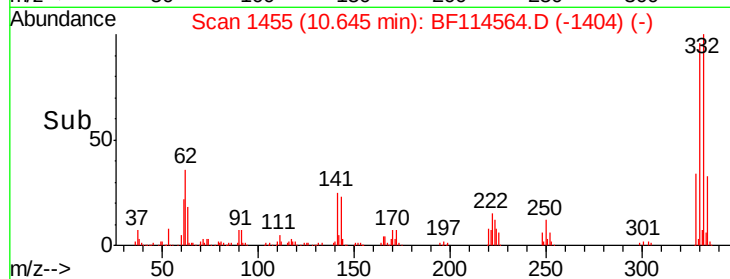
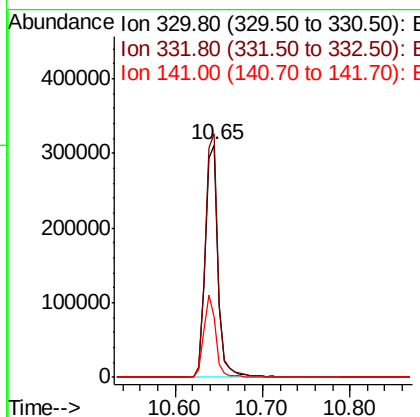
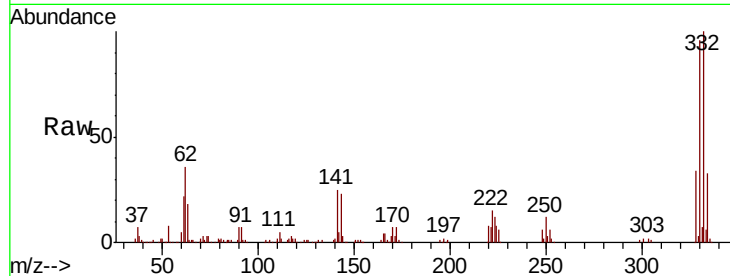




#42
 2,4,6-Tribromophenol
 Concen: 107.029 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BF114564.D
 Acq: 24 May 2019 12:37

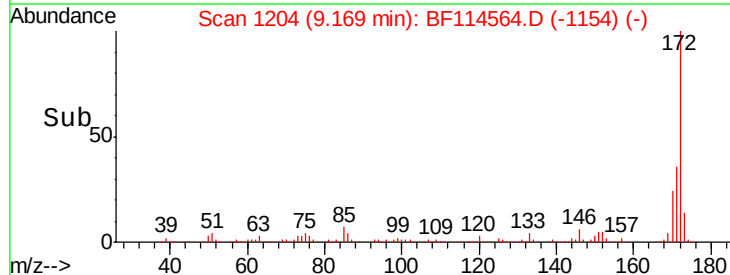
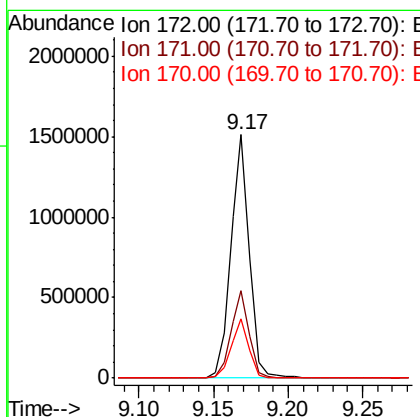
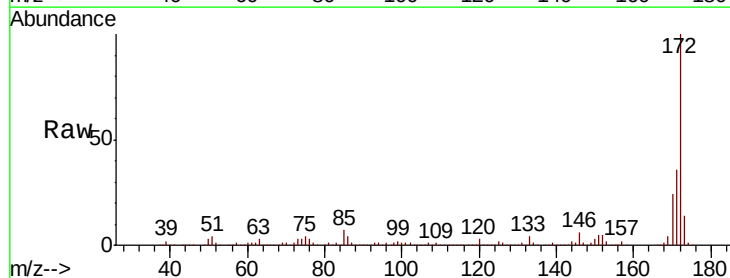
Instrument :
 BNA_F
 ClientSampleId :
 FEBH-04(32-32.5)

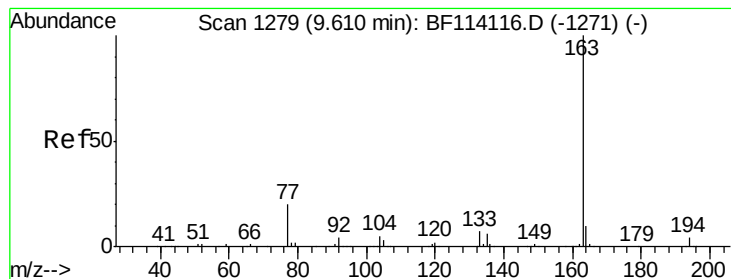
Tot Ion	Ratio	Lower	Upper
330	100		
332	103.8	81.4	122.2
141	33.5	26.6	40.0



#45
 2-Fluorobiphenyl
 Concen: 69.498 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF114564.D
 Acq: 24 May 2019 12:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	30.7	46.1
170	24.2	20.5	30.7





#50

Dimethylphthalate

Concen: 9.823 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF114564.D

Acq: 24 May 2019 12:37

Instrument :

BNA_F

ClientSampleId :

FEBH-04(32-32.5)

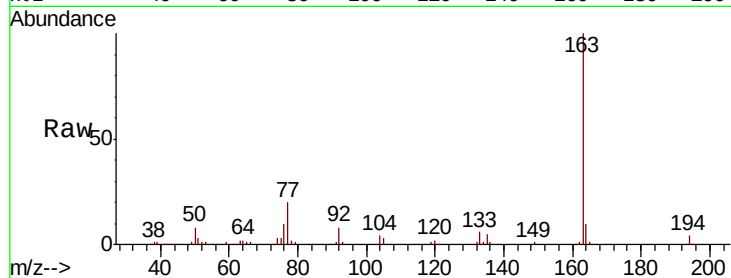
Tot Ion:163 Resp: 207262

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

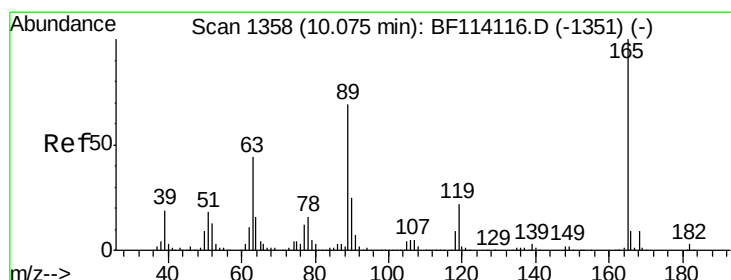
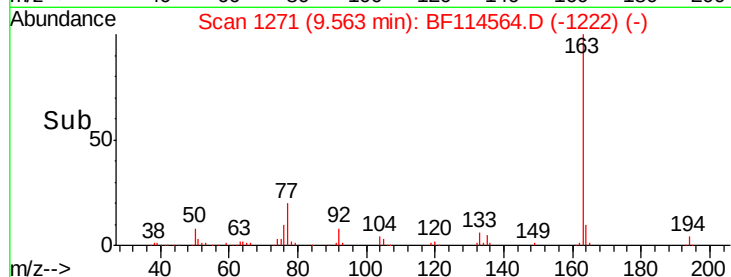
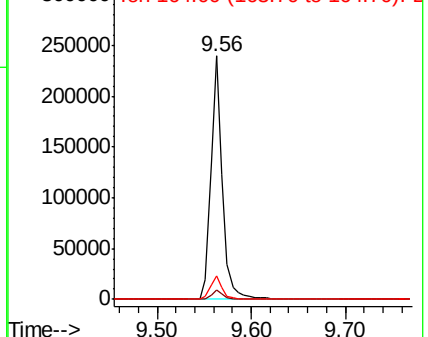
164 9.8 8.2 12.2



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: 5.736 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.21 min

Lab File: BF114564.D

Acq: 24 May 2019 12:37

Tgt Ion:165 Resp: 36436

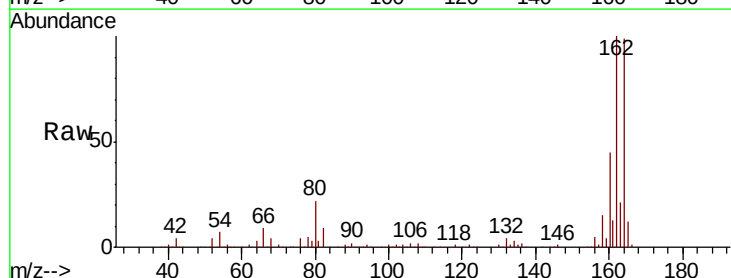
Ion Ratio Lower Upper

165 100

63 1.5 35.5 53.3#

89 1.7 55.2 82.8#

182 0.0 2.2 3.2#

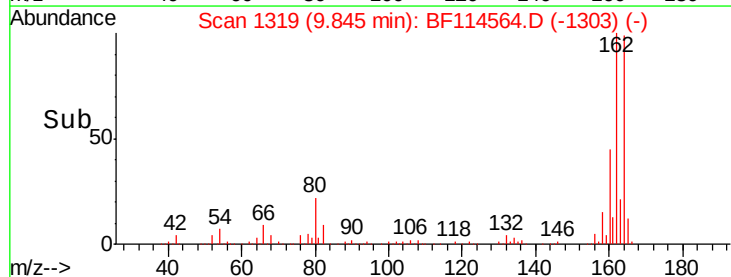
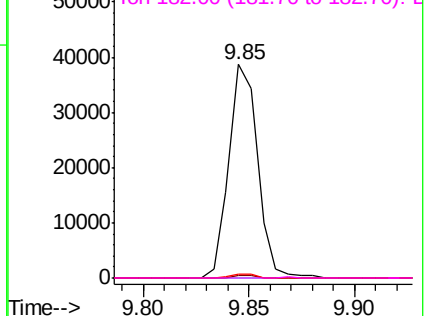


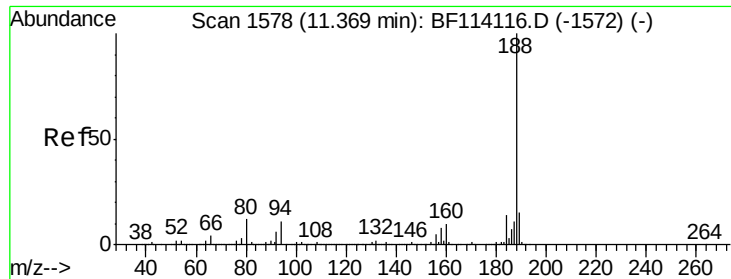
Abundance Ion 165.00 (164.70 to 165.70): E

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

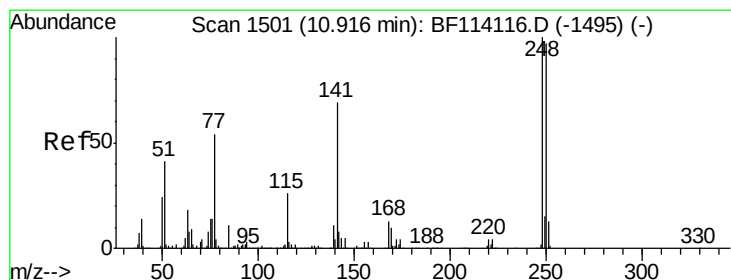
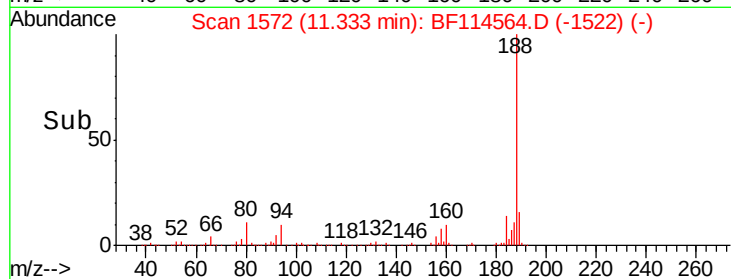
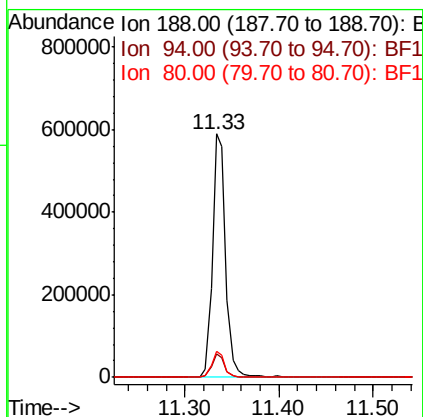
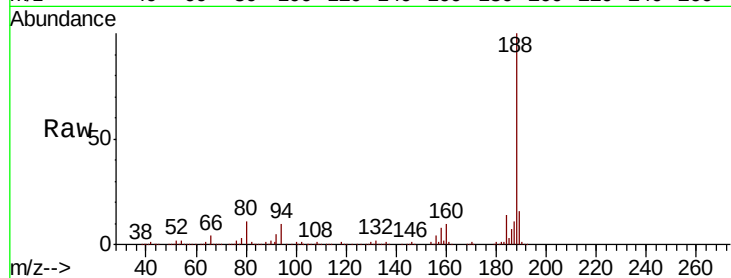




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF114564.D
Acq: 24 May 2019 12:37

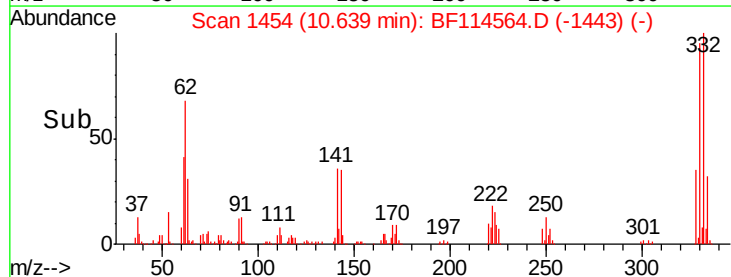
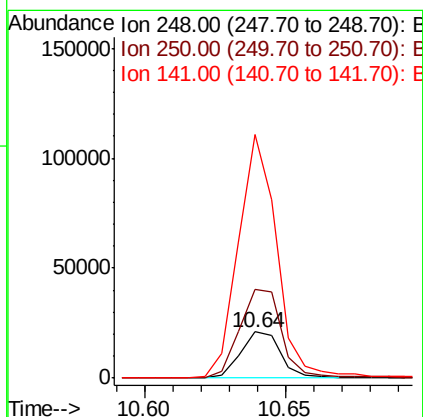
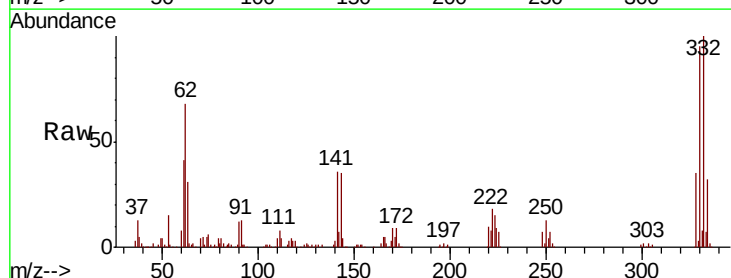
Instrument :
BNA_F
ClientSampleId :
FEBH-04(32-32.5)

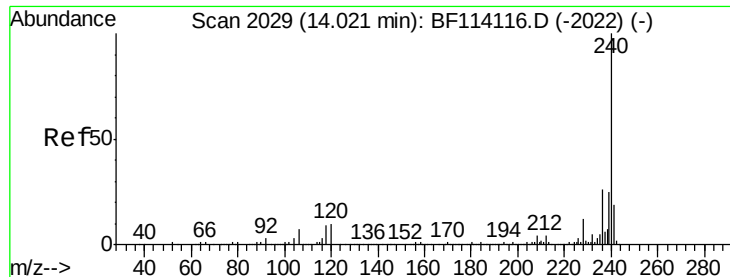
Tot Ion:188 Resp: 588787
Ion Ratio Lower Upper
188 100
94 9.8 8.4 12.6
80 10.9 9.2 13.8



#67
4-Bromophenyl-phenylether
Concen: 3.175 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF114564.D
Acq: 24 May 2019 12:37

Tgt Ion:248 Resp: 20583
Ion Ratio Lower Upper
248 100
250 192.4 77.4 116.2#
141 529.5 55.6 83.4#

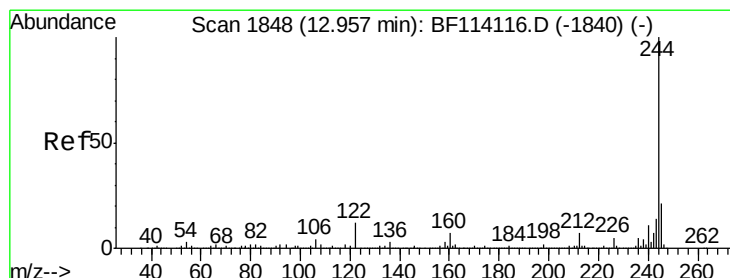
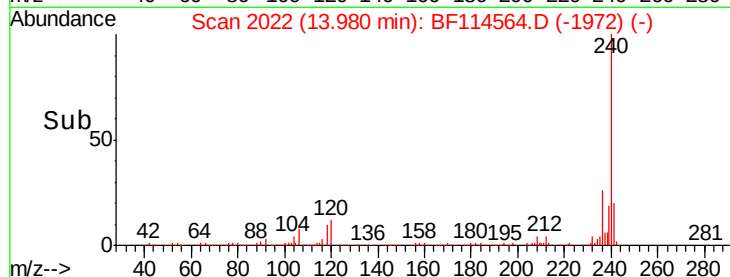
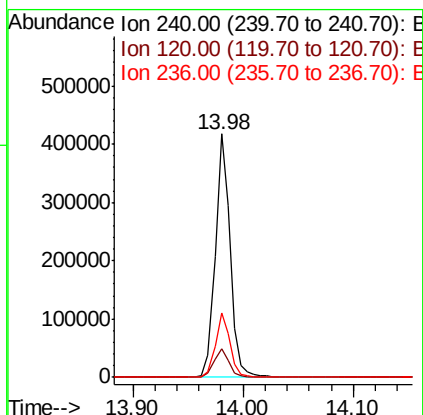
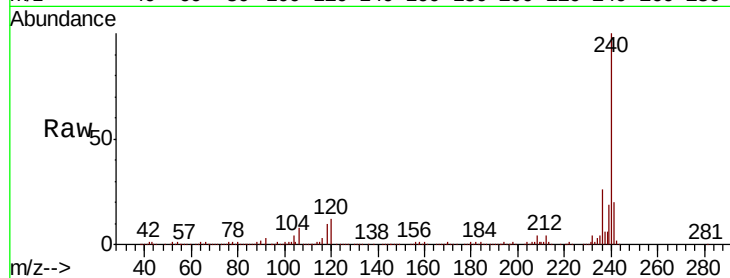




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF114564.D
 Acq: 24 May 2019 12:37

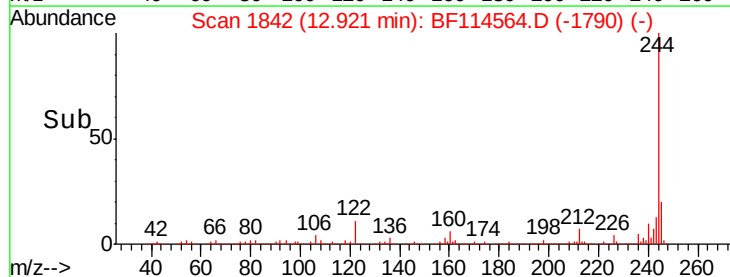
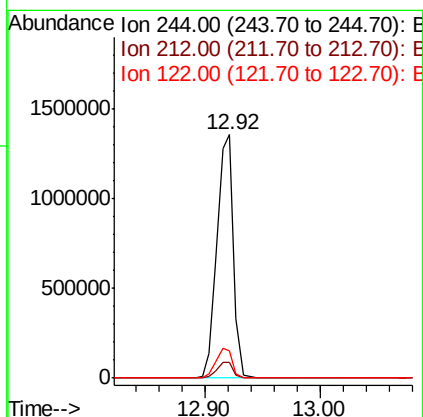
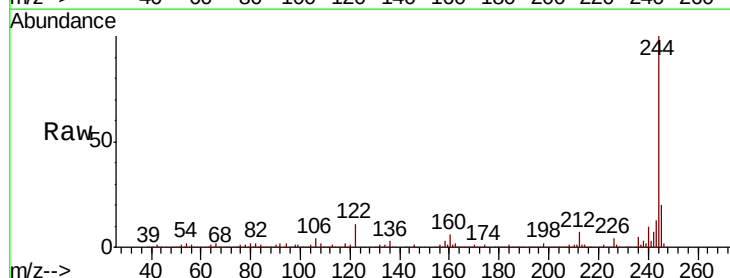
Instrument :
 BNA_F
 ClientSampleId :
 FEBH-04(32-32.5)

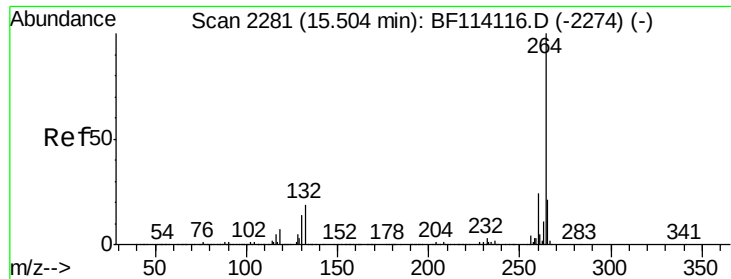
Tot Ion:240 Resp: 384538
 Ion Ratio Lower Upper
 240 100
 120 11.7 8.3 12.5
 236 26.3 20.8 31.2



#79
 Terphenyl-d14
 Concen: 71.692 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: BF114564.D
 Acq: 24 May 2019 12:37

Tgt Ion:244 Resp: 1337342
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.6
 122 11.1 9.4 14.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.00 min
Lab File: BF114564.D
Acq: 24 May 2019 12:37

Instrument :
BNA_F
ClientSampleId :
FEBH-04(32-32.5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.4	29.0
265	22.5	16.9	25.3

