

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
 Data File : BF114561.D
 Acq On : 24 May 2019 11:17
 Operator : JU/SJ
 Sample : K2838-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FEBH-06(31-31.5)

Quant Time: May 24 12:30:02 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

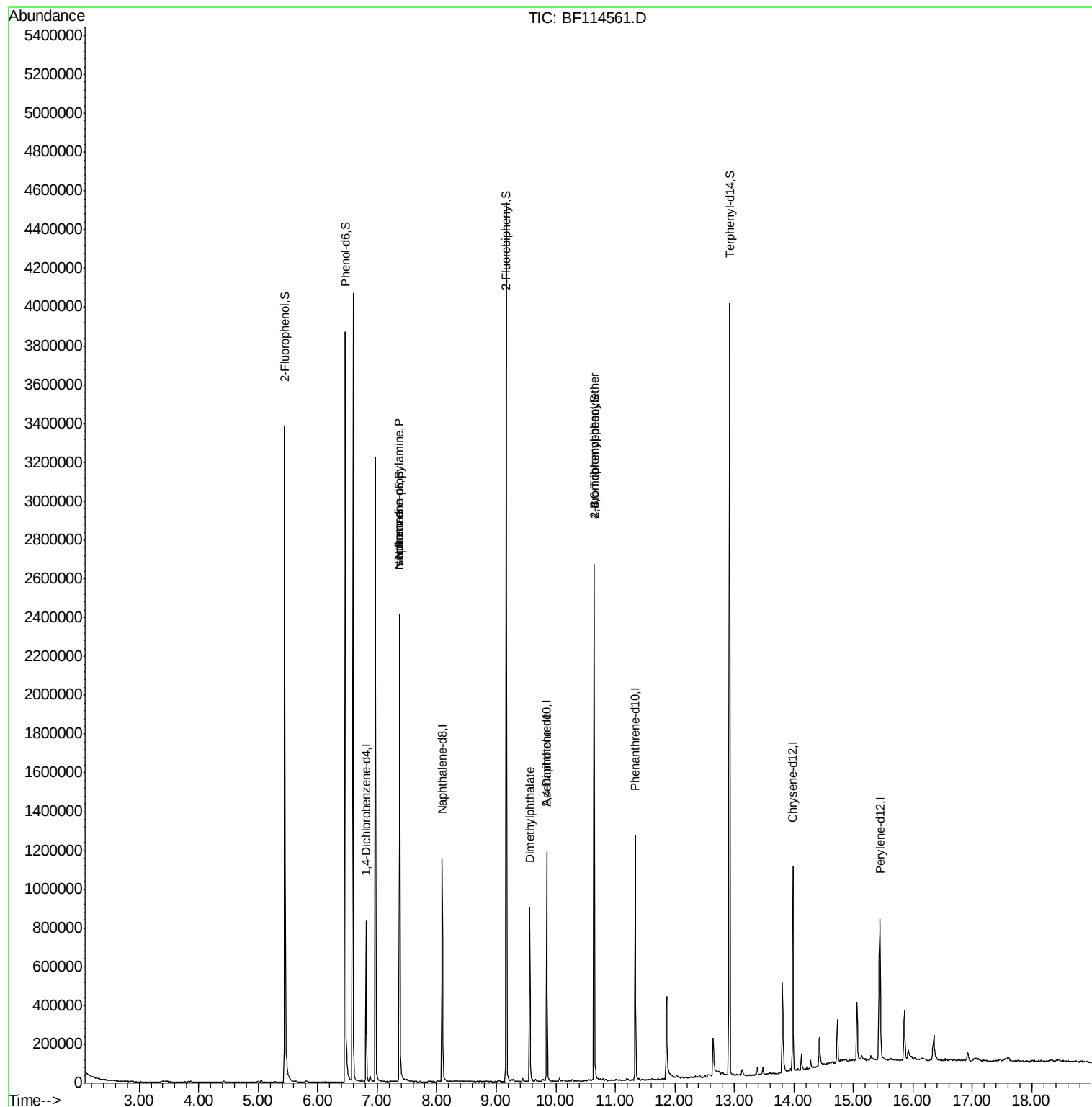
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	133917	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	512782	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	247215	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	499637	20.00	ng	0.00
76) Chrysene-d12	13.98	240	330409	20.00	ng	0.00
87) Perylene-d12	15.44	264	319113	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1058519	127.20	ng	0.00
7) Phenol-d6	6.46	99	1385065	140.73	ng	0.00
23) Nitrobenzene-d5	7.37	82	830143	90.85	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	330548	129.33	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1364645	83.50	ng	0.00
79) Terphenyl-d14	12.92	244	1380933	86.16	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	110233	17.670	ng	Qvalue # 78
25) Isophorone	7.37	82	830133	48.987	ng	# 64
50) Dimethylphthalate	9.56	163	328316	18.091	ng	99
57) 2,4-Dinitrotoluene	9.85	165	30256	5.538	ng	# 25
67) 4-Bromophenyl-phenylether	10.65	248	21389	3.888	ng	# 1

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

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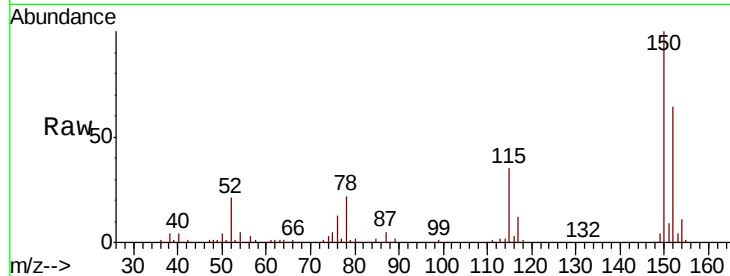


#1

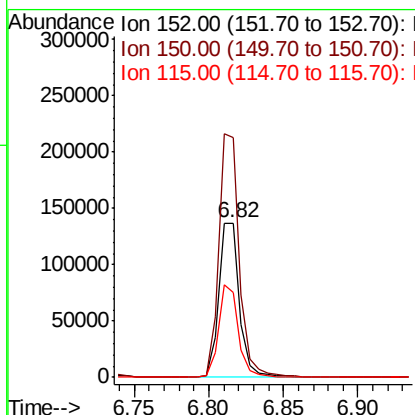
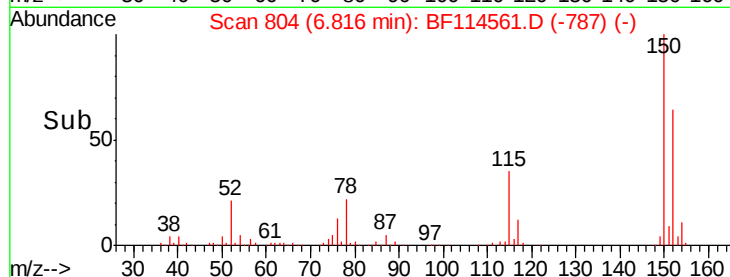
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF114561.D
Acq: 24 May 2019 11:17

Instrument :
BNA_F
ClientSampleId :
FEBH-06(31-31.5)

Tot Ion:152 Resp: 133917
Ion Ratio Lower Upper
152 100
150 155.2 124.3 186.5
115 54.8 49.1 73.7



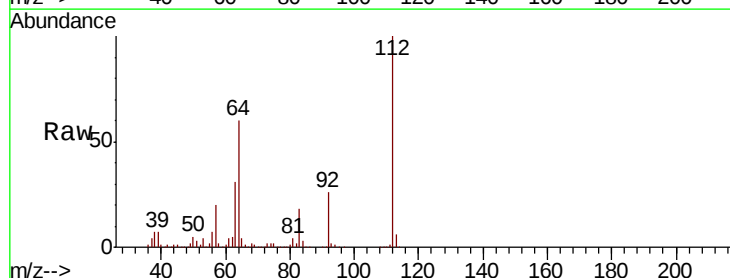
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



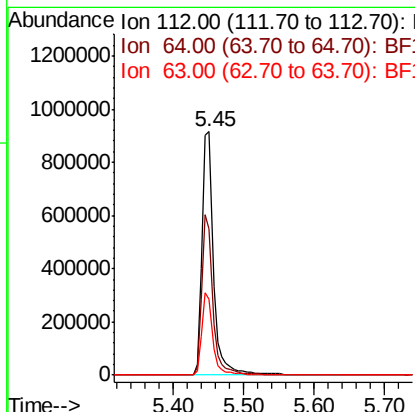
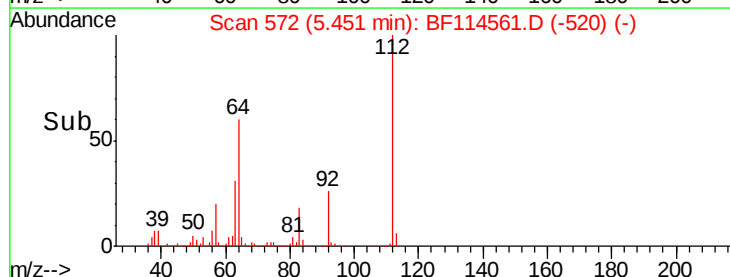
#5

2-Fluorophenol
Concen: 127.201 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF114561.D
Acq: 24 May 2019 11:17

Tgt Ion:112 Resp: 1058519
Ion Ratio Lower Upper
112 100
64 60.0 49.0 73.6
63 31.1 24.6 37.0



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: 140.726 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF114561.D

Acq: 24 May 2019 11:17

Instrument :

BNA_F

ClientSampleId :

FEBH-06(31-31.5)

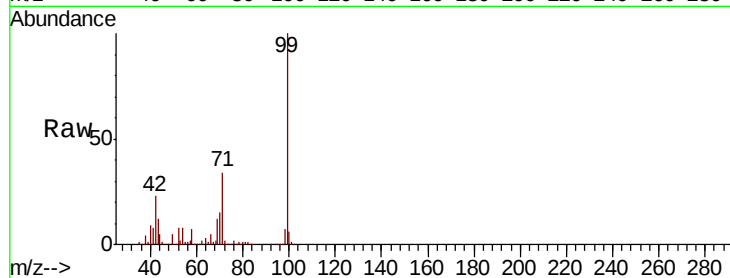
Tot Ion: 99 Resp: 1385065

Ion Ratio Lower Upper

99 100

42 22.6 17.9 26.9

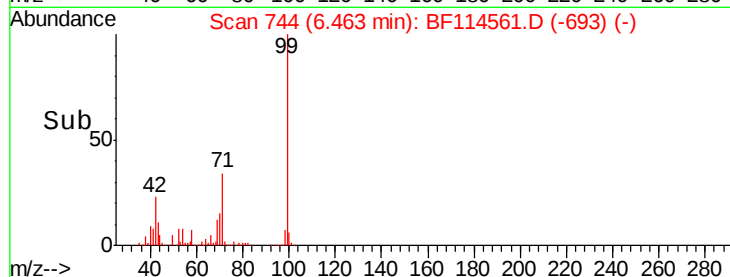
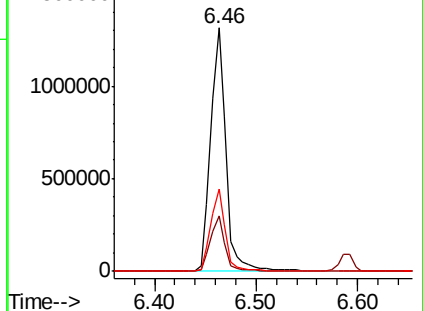
71 34.0 26.2 39.2



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: 17.670 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF114561.D

Acq: 24 May 2019 11:17

Tgt Ion: 70 Resp: 110233

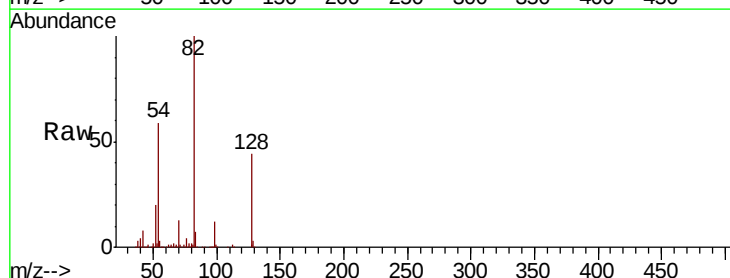
Ion Ratio Lower Upper

70 100

42 59.5 58.6 87.8

101 0.0 7.8 11.8#

130 2.4 17.1 25.7#

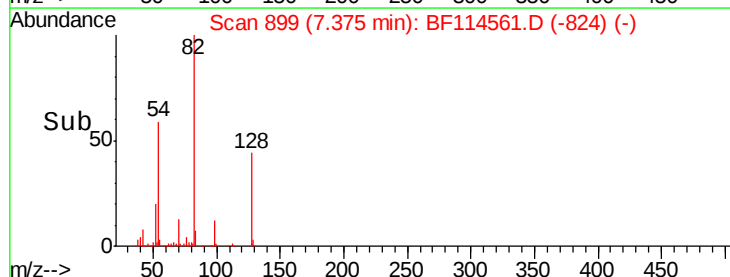
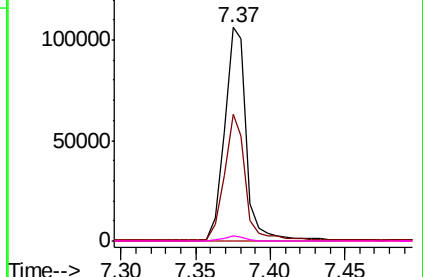


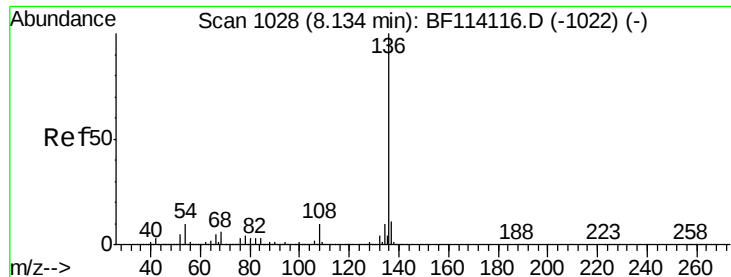
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

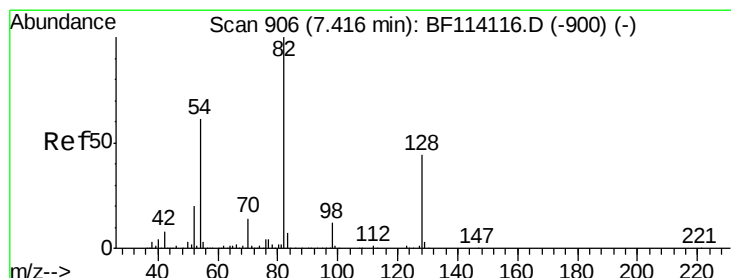
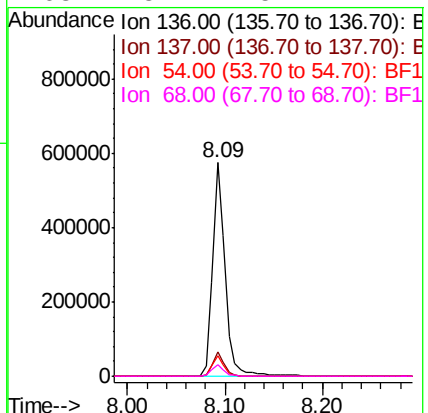
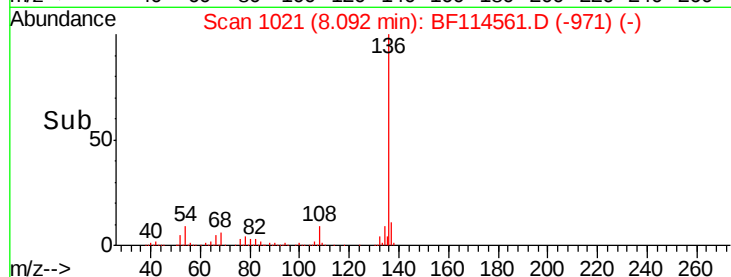
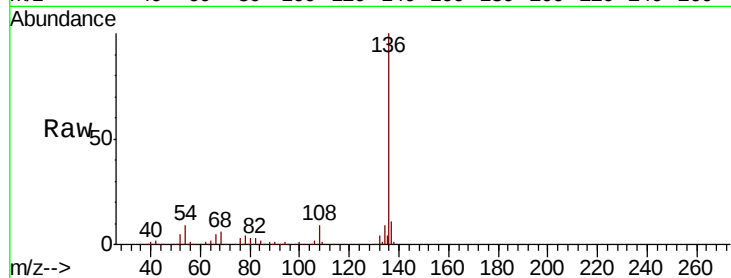




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF114561.D
Acq: 24 May 2019 11:17

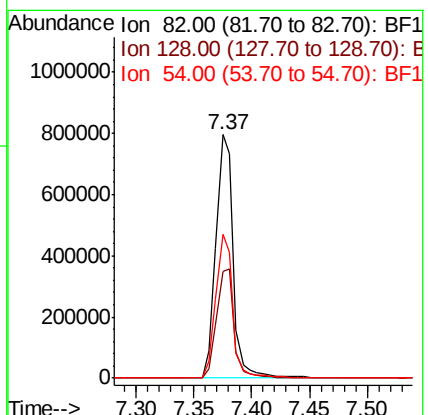
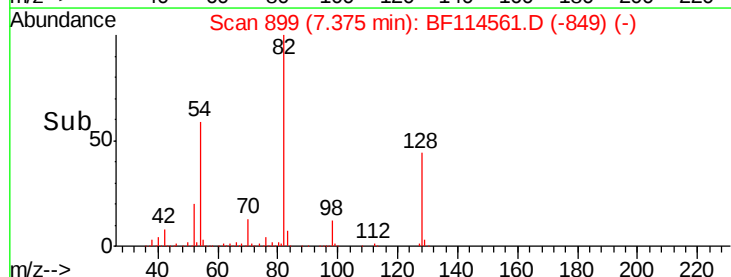
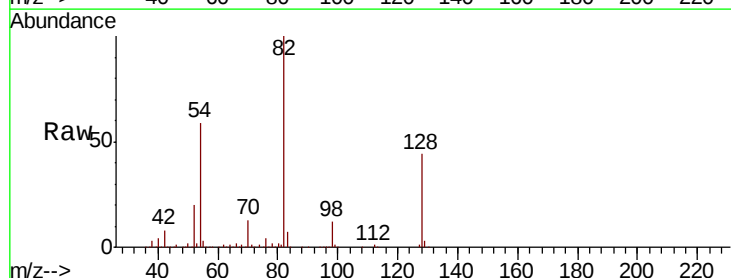
Instrument :
BNA_F
ClientSampleId :
FEBH-06(31-31.5)

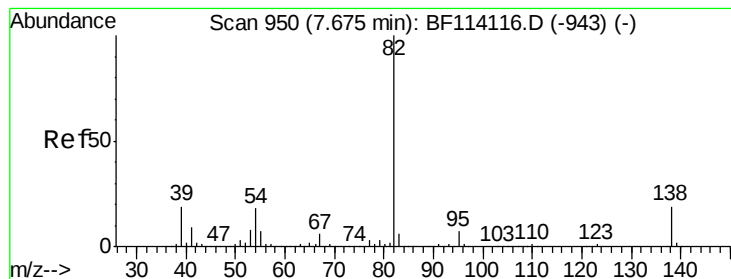
Tot Ion:136	Resp:	512782
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.8 13.2
54	9.3	7.8 11.8
68	5.7	5.1 7.7



#23
Nitrobenzene-d5
Concen: 90.853 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF114561.D
Acq: 24 May 2019 11:17

Tgt Ion: 82	Resp:	830143
Ion Ratio	Lower	Upper
82	100	
128	44.0	35.5 53.3
54	59.1	48.5 72.7





#25

Isophorone

Concen: 48.987 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF114561.D

Acq: 24 May 2019 11:17

Instrument :

BNA_F

ClientSampleId :

FEBH-06(31-31.5)

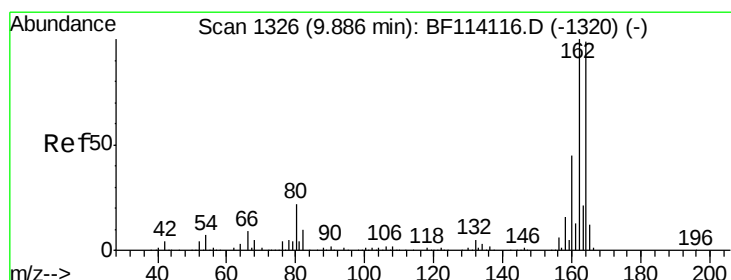
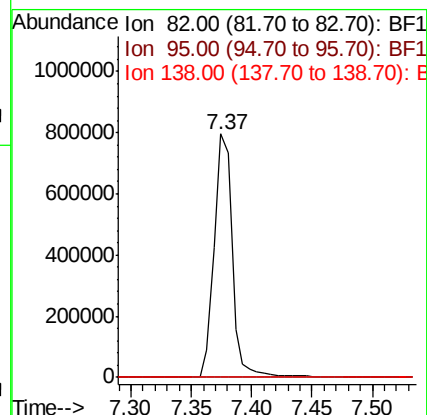
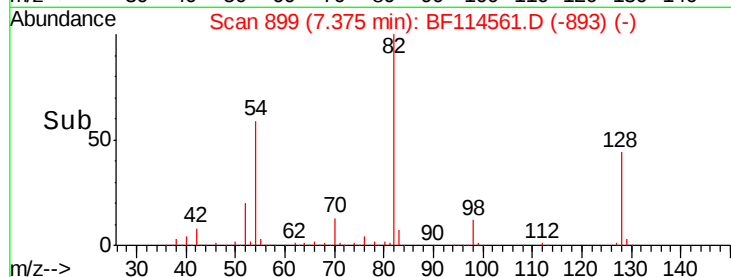
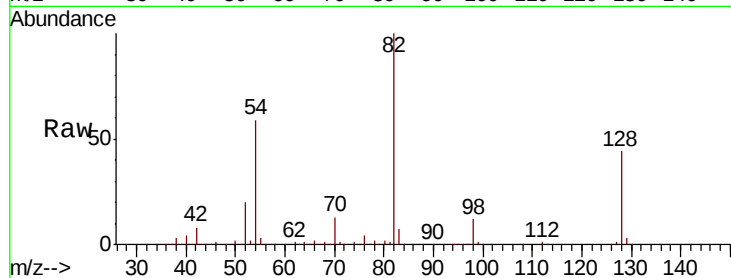
Tot Ion: 82 Resp: 830133

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.8 22.2#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BF114561.D

Acq: 24 May 2019 11:17

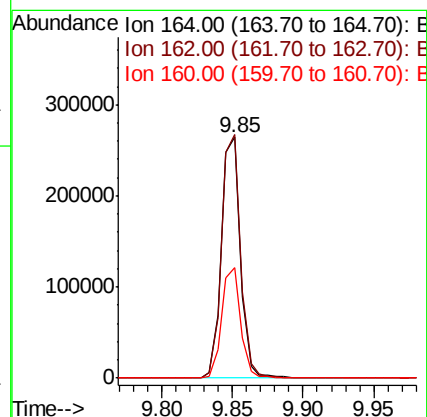
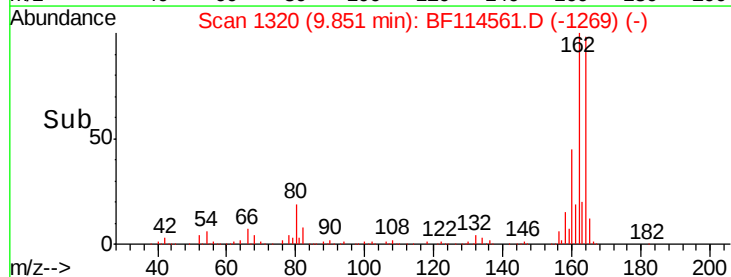
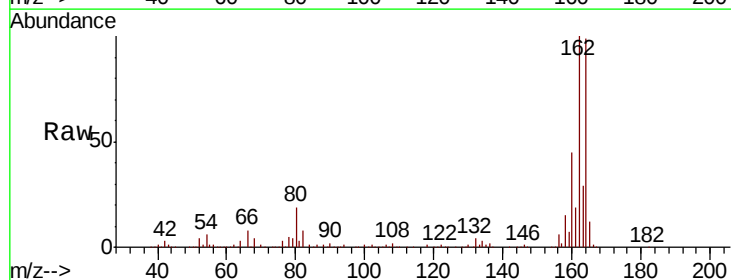
Tgt Ion:164 Resp: 247215

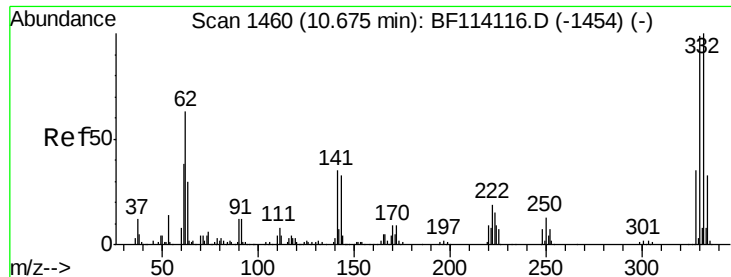
Ion Ratio Lower Upper

164 100

162 101.3 80.6 120.8

160 46.0 36.5 54.7

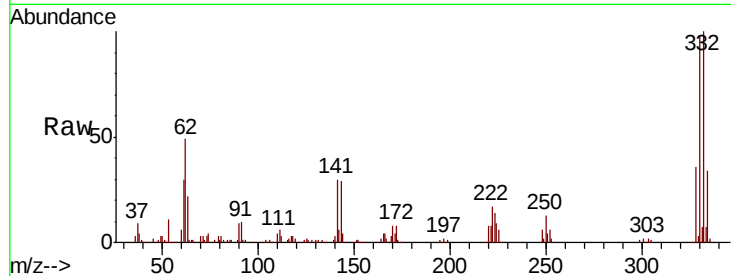




#42
 2,4,6-Tribromophenol
 Concen: 129.333 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BF114561.D
 Acq: 24 May 2019 11:17

Instrument :
 BNA_F
 ClientSampleId :
 FEBH-06(31-31.5)

Tot Ion	Ratio	Lower	Upper
330	100		
332	101.9	81.4	122.2
141	34.2	26.6	40.0

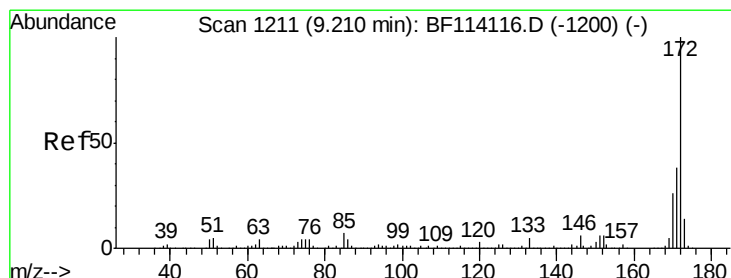
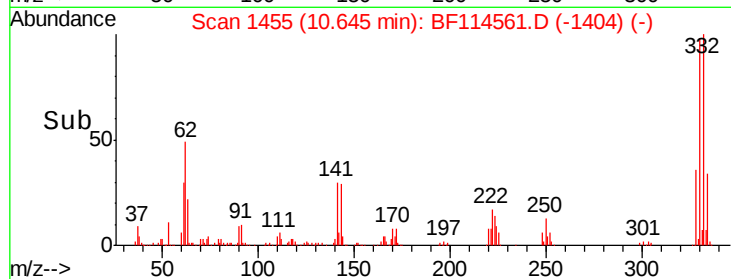
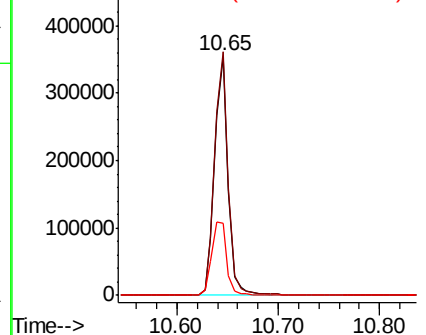


Abundance

Ion 329.80 (329.50 to 330.50): E

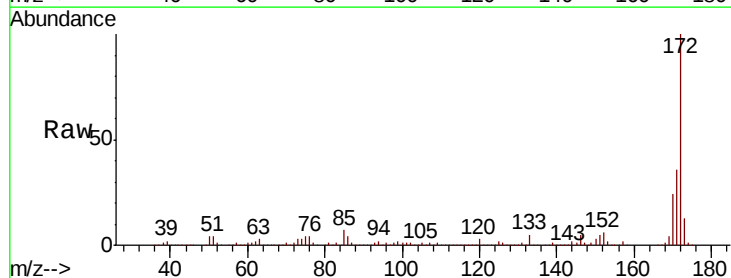
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 83.500 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF114561.D
 Acq: 24 May 2019 11:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	30.7	46.1
170	24.3	20.5	30.7

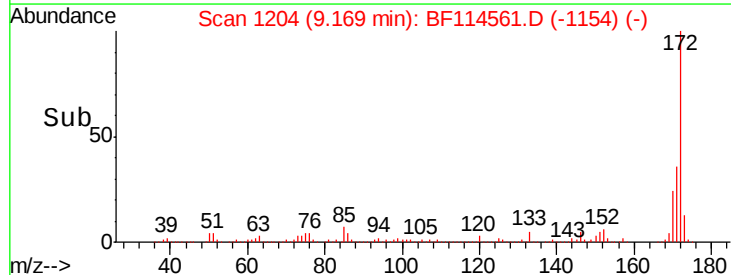
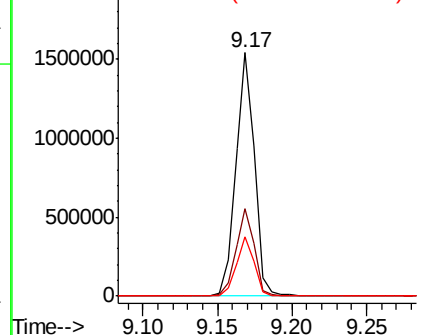


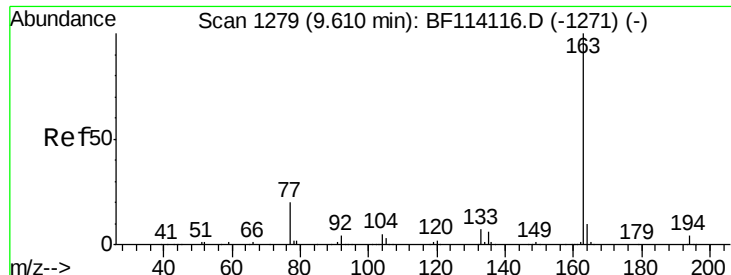
Abundance

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

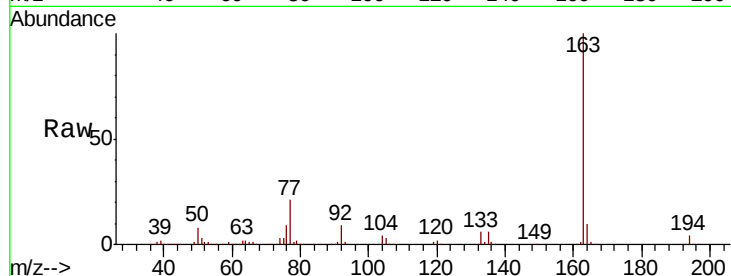




#50
Dimethylphthalate
Concen: 18.091 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF114561.D
Acq: 24 May 2019 11:17

Instrument :
BNA_F
ClientSampleId :
FEBH-06(31-31.5)

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.0
164	10.0	8.2	12.2

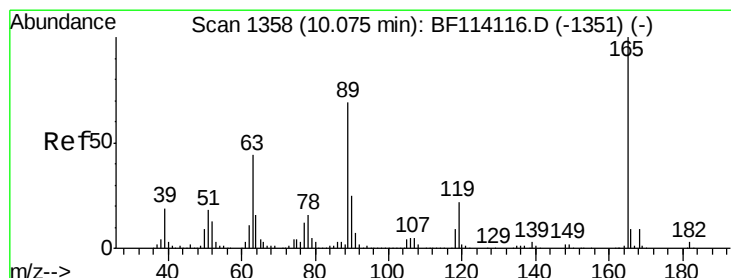
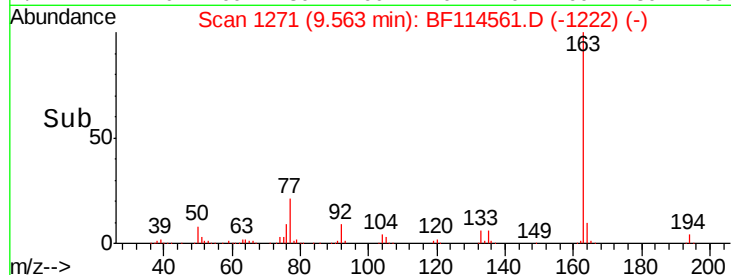
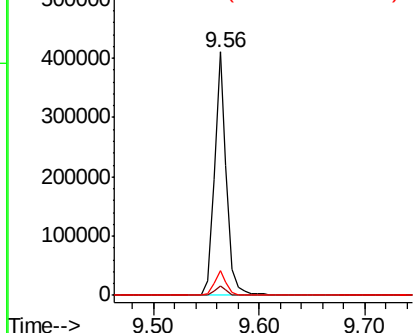


Abundance

Ion 163.00 (162.70 to 163.70): E

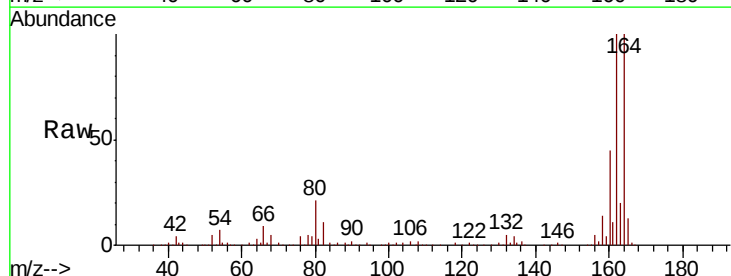
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#57
2,4-Dinitrotoluene
Concen: 5.538 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.21 min
Lab File: BF114561.D
Acq: 24 May 2019 11:17

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	35.5	53.3#
89	1.2	55.2	82.8#
182	0.0	2.2	3.2#



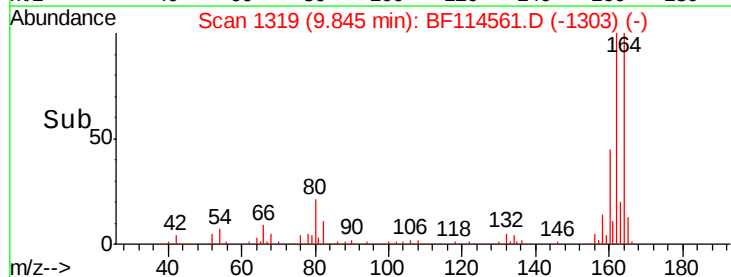
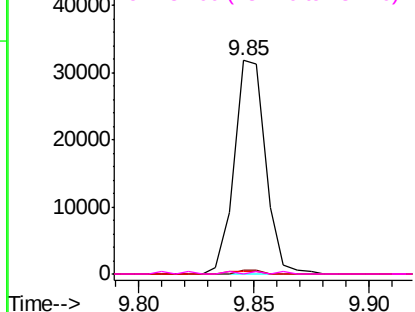
Abundance

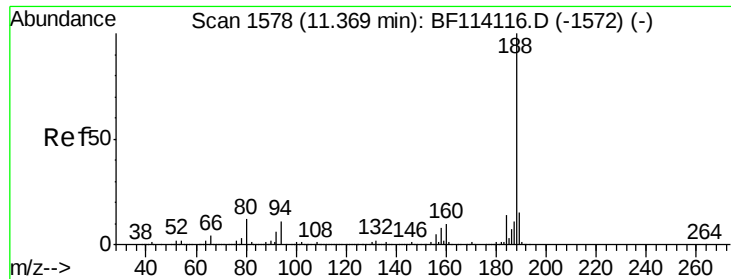
Ion 165.00 (164.70 to 165.70): E

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

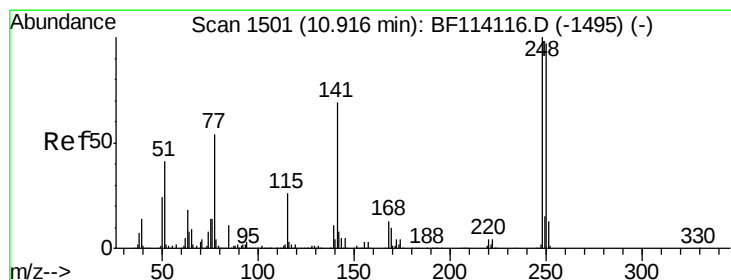
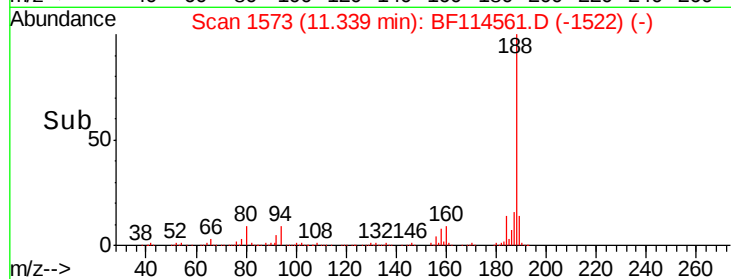
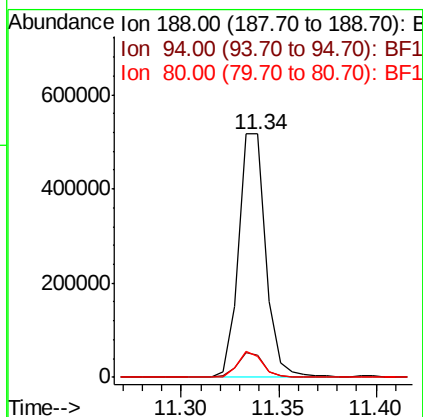
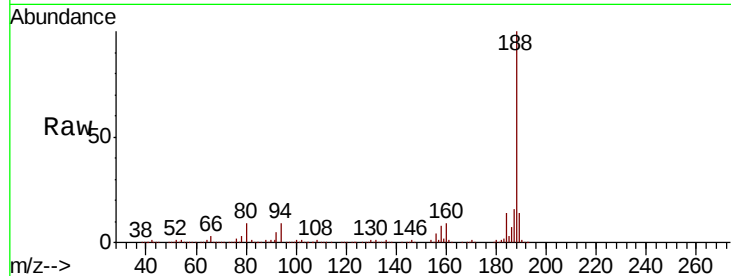




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BF114561.D
Acq: 24 May 2019 11:17

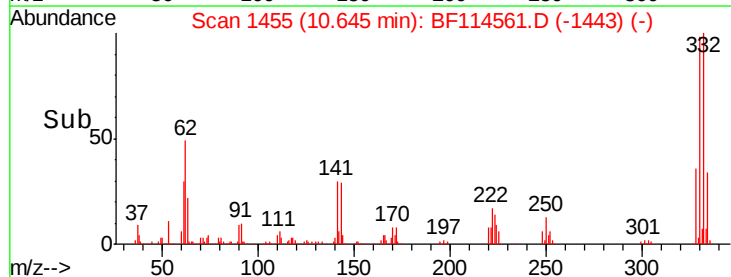
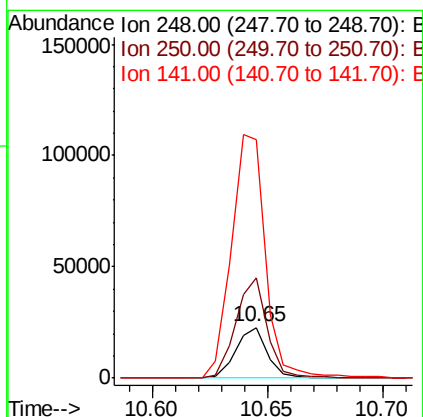
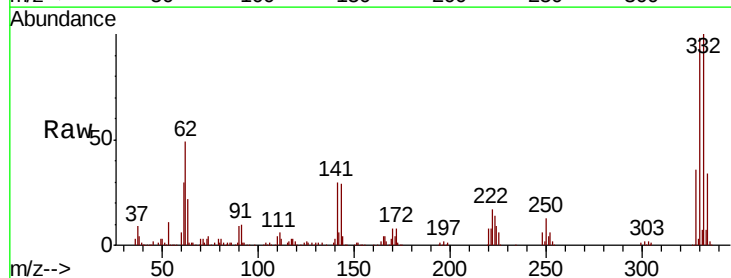
Instrument :
BNA_F
ClientSampleId :
FEBH-06(31-31.5)

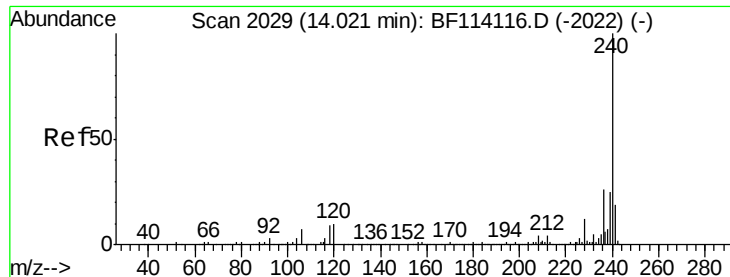
Tot Ion:188 Resp: 499637
Ion Ratio Lower Upper
188 100
94 9.0 8.4 12.6
80 8.7 9.2 13.8#



#67
4-Bromophenyl-phenylether
Concen: 3.888 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.23 min
Lab File: BF114561.D
Acq: 24 May 2019 11:17

Tgt Ion:248 Resp: 21389
Ion Ratio Lower Upper
248 100
250 199.3 77.4 116.2#
141 472.6 55.6 83.4#

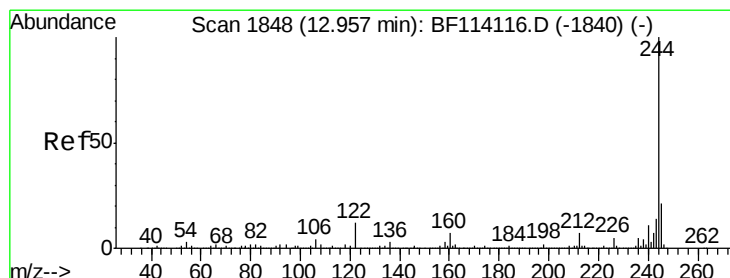
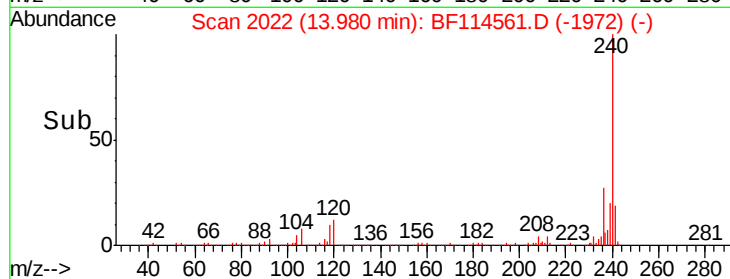
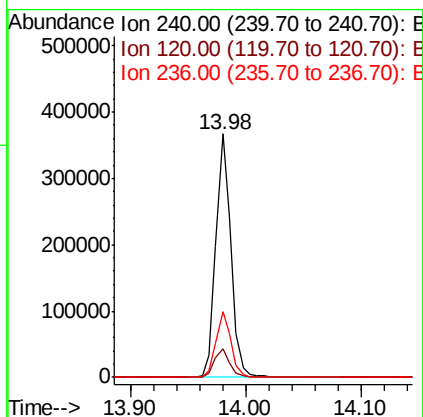
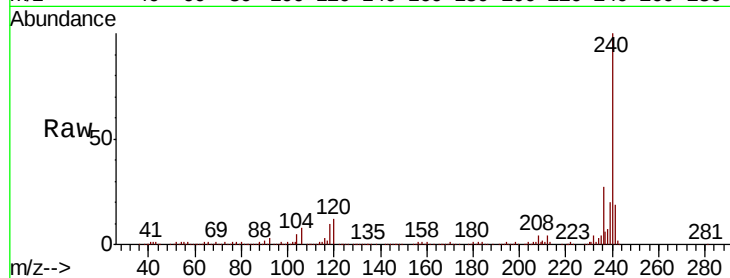




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF114561.D
 Acq: 24 May 2019 11:17

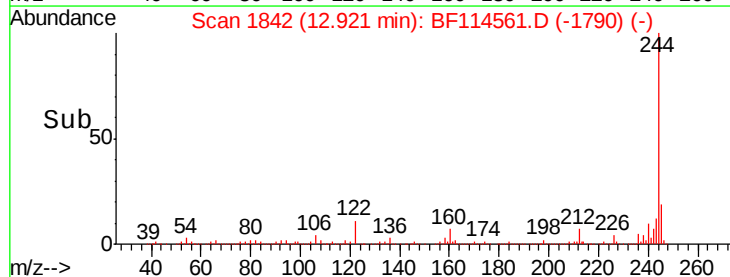
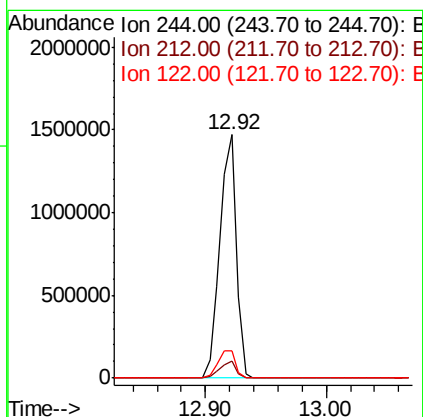
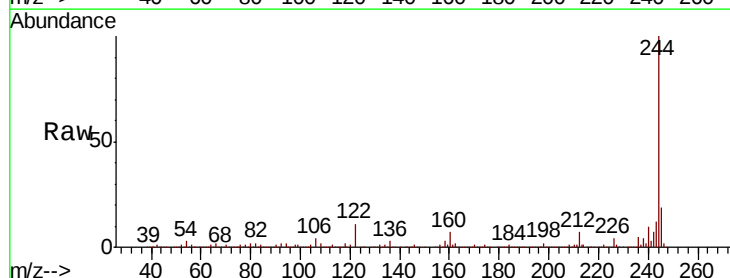
Instrument :
 BNA_F
 ClientSampleId :
 FEBH-06(31-31.5)

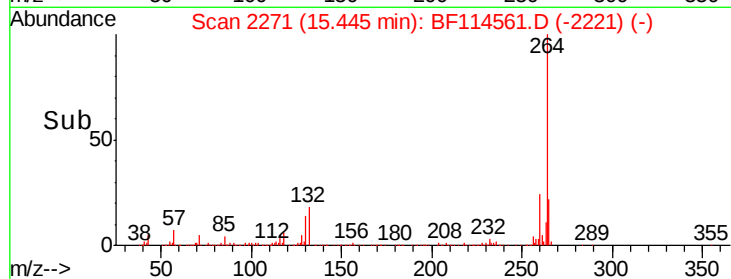
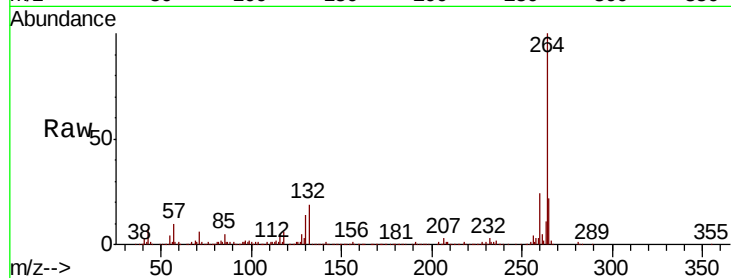
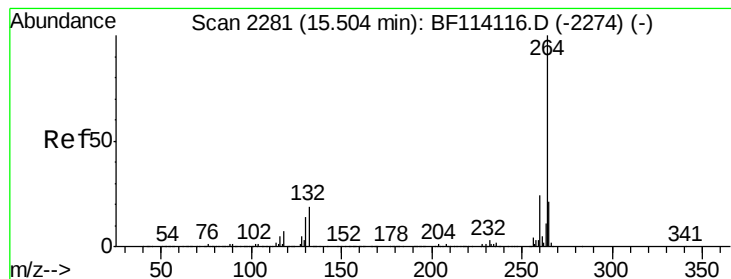
Tot Ion	Ratio	Lower	Upper
240	100		
120	12.0	8.3	12.5
236	27.1	20.8	31.2



#79
 Terphenyl-d14
 Concen: 86.157 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: BF114561.D
 Acq: 24 May 2019 11:17

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.6
122	11.3	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: BF114561.D

Acq: 24 May 2019 11:17

Instrument :

BNA_F

ClientSampleId :

FEBH-06(31-31.5)

Tot Ion:264 Resp: 319113

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.0

265 22.0 16.9 25.3

