

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052319\
 Data File : BF114525.D
 Acq On : 23 May 2019 14:49
 Operator : JU/SJ
 Sample : K2906-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FESB-11(7-7.5)

Quant Time: May 24 07:17:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 23 03:49:15 2019
 Response via : Initial Calibration

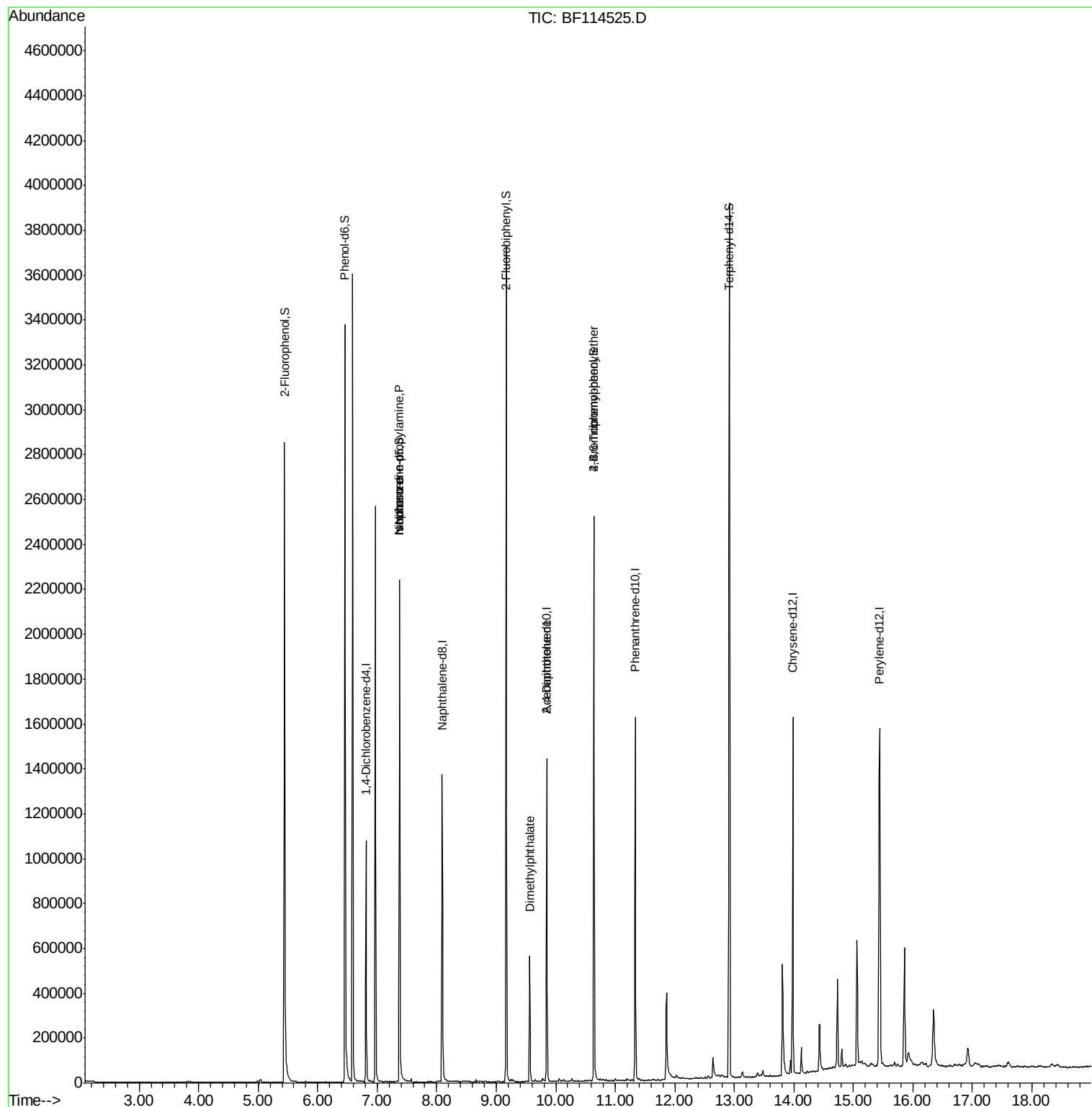
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	158819	20.00	ng	-0.03
21) Naphthalene-d8	8.09	136	615886	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	295497	20.00	ng	-0.03
64) Phenanthrene-d10	11.33	188	616786	20.00	ng	-0.02
76) Chrysene-d12	13.98	240	521177	20.00	ng	-0.02
87) Perylene-d12	15.44	264	543852	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	874976	88.66	ng	-0.03
7) Phenol-d6	6.46	99	1135574	97.29	ng	-0.03
23) Nitrobenzene-d5	7.37	82	670560	61.10	ng	-0.03
42) 2,4,6-Tribromophenol	10.64	330	281618	92.18	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	1080713	55.32	ng	-0.02
79) Terphenyl-d14	12.92	244	1368999	54.15	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	87076	11.769	ng	# 75
25) Isophorone	7.37	82	670555	32.946	ng	# 64
50) Dimethylphthalate	9.56	163	211351	9.743	ng	98
57) 2,4-Dinitrotoluene	9.85	165	37464	5.737	ng	# 25
67) 4-Bromophenyl-phenylether	10.64	248	17481	2.574	ng	# 1

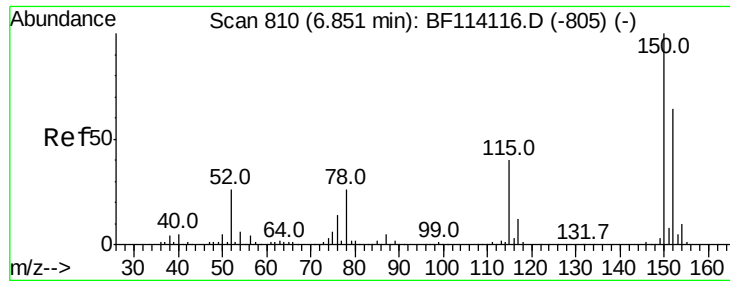
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



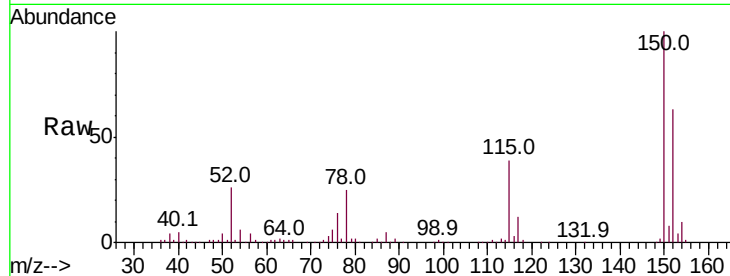


#1

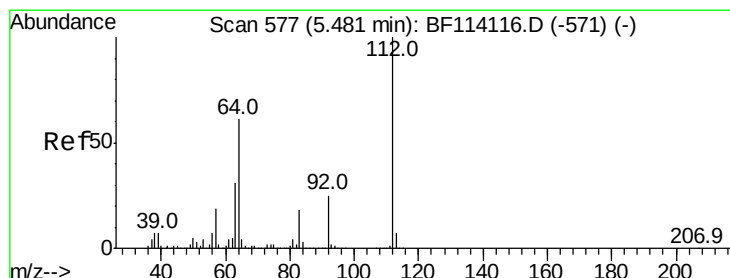
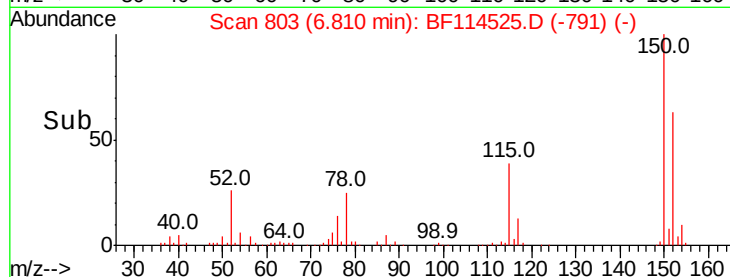
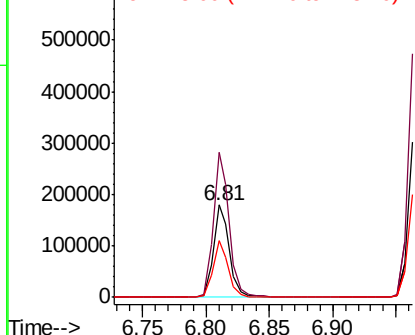
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.03 min
Lab File: BF114525.D
Acq: 23 May 2019 14:49

Instrument :
BNA_F
ClientSampleId :
FESB-11(7-7.5)

Tot Ion:152 Resp: 158819
Ion Ratio Lower Upper
152 100
150 158.0 124.3 186.5
115 61.3 49.1 73.7



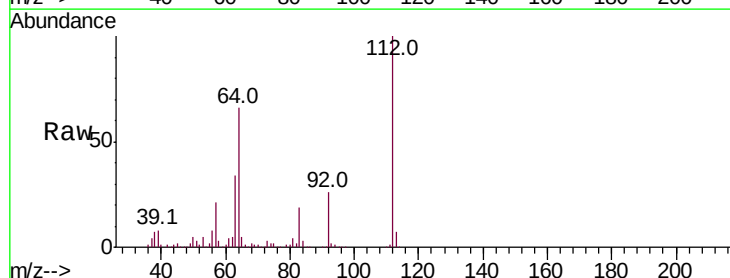
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



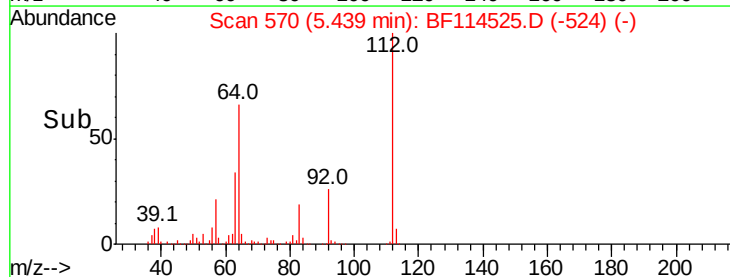
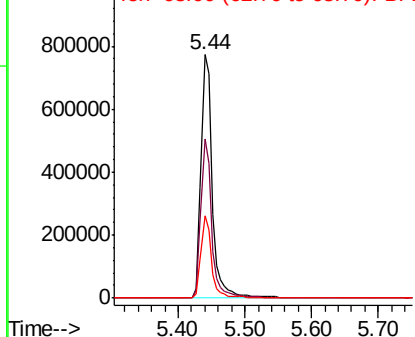
#5

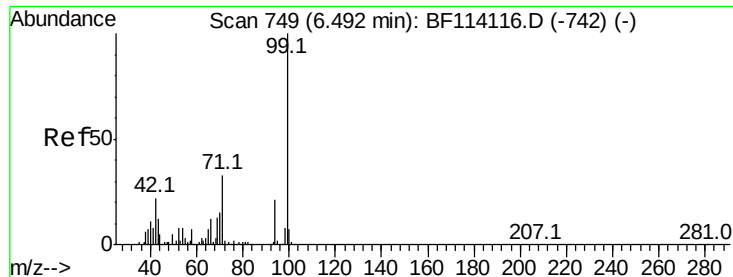
2-Fluorophenol
Concen: 88.658 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.03 min
Lab File: BF114525.D
Acq: 23 May 2019 14:49

Tgt Ion:112 Resp: 874976
Ion Ratio Lower Upper
112 100
64 65.6 49.0 73.6
63 33.8 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: 97.287 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.03 min

Lab File: BF114525.D

Acq: 23 May 2019 14:49

Instrument :

BNA_F

ClientSampleId :

FESB-11(7-7.5)

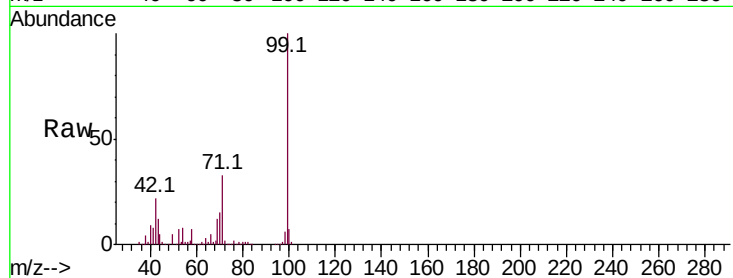
Tot Ion: 99 Resp: 1135574

Ion Ratio Lower Upper

99 100

42 22.2 17.9 26.9

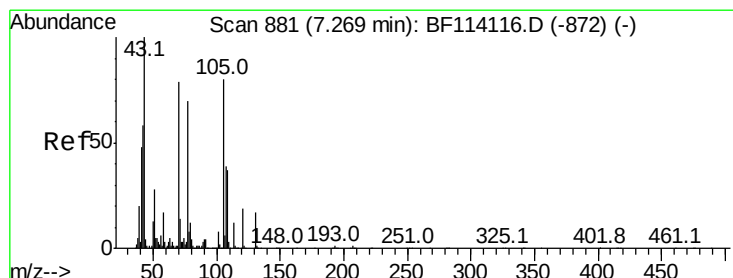
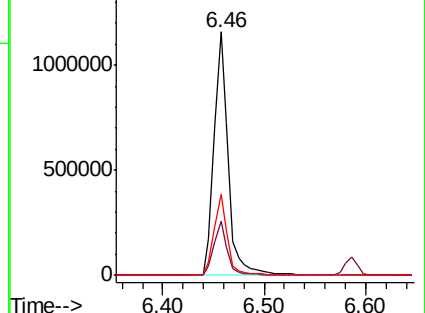
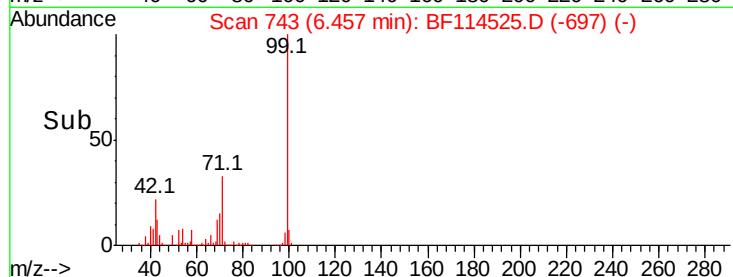
71 33.3 26.2 39.2



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: 11.769 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.12 min

Lab File: BF114525.D

Acq: 23 May 2019 14:49

Tgt Ion: 70 Resp: 87076

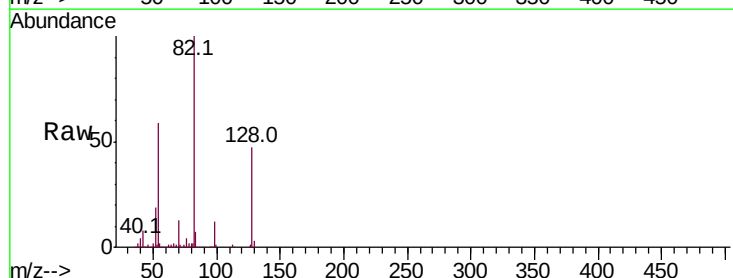
Ion Ratio Lower Upper

70 100

42 56.4 58.6 87.8#

101 0.0 7.8 11.8#

130 2.0 17.1 25.7#

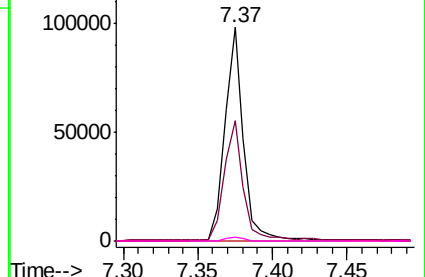
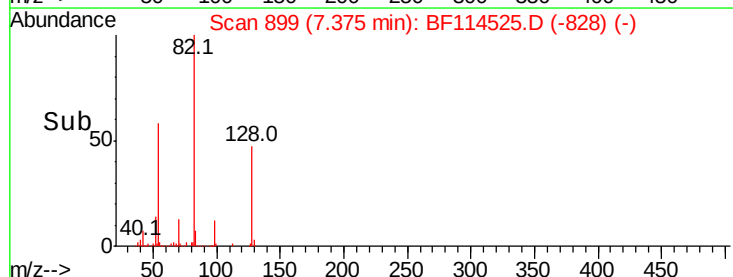


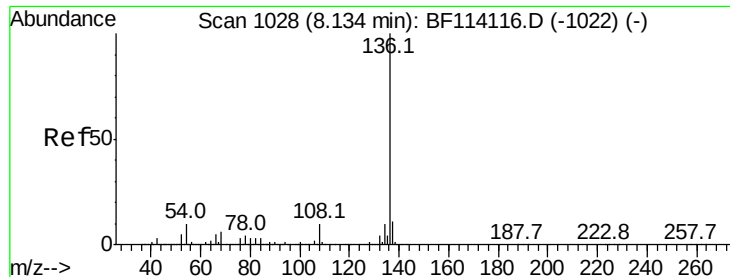
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

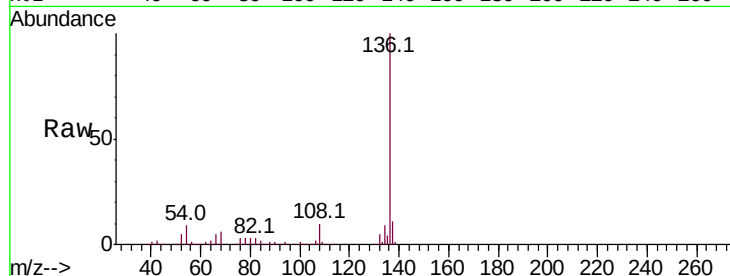




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.03 min
Lab File: BF114525.D
Acq: 23 May 2019 14:49

Instrument :
BNA_F
ClientSampleId :
FESB-11(7-7.5)

Tot Ion:136	Resp: 615886
Ion Ratio	Lower Upper
136 100	
137 10.7	8.8 13.2
54 9.2	7.8 11.8
68 6.1	5.1 7.7



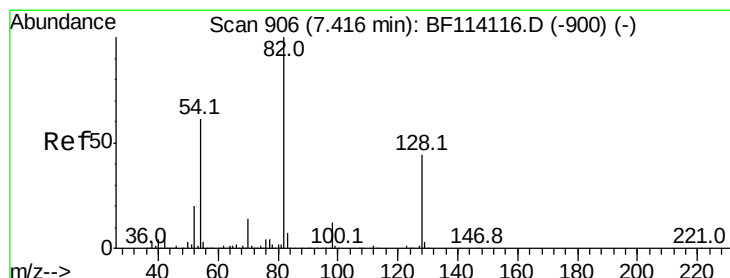
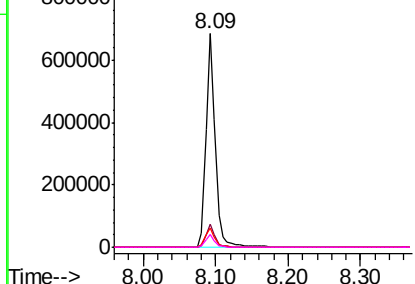
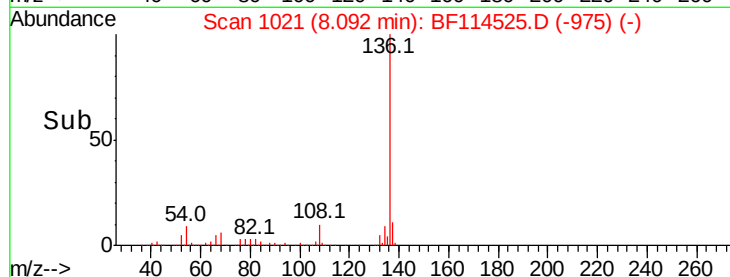
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

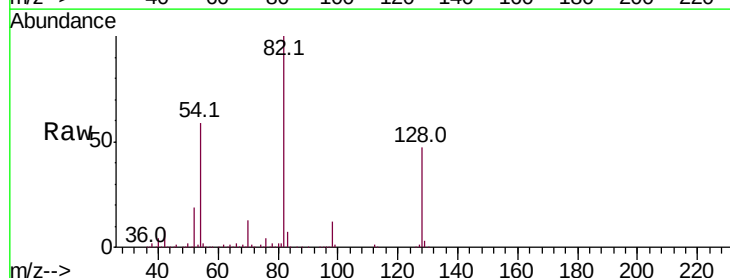
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23
Nitrobenzene-d5
Concen: 61.102 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.03 min
Lab File: BF114525.D
Acq: 23 May 2019 14:49

Tgt	Ion: 82	Resp:	670560
Ion	Ratio	Lower	Upper
82	100		
128	46.7	35.5	53.3
54	59.1	48.5	72.7

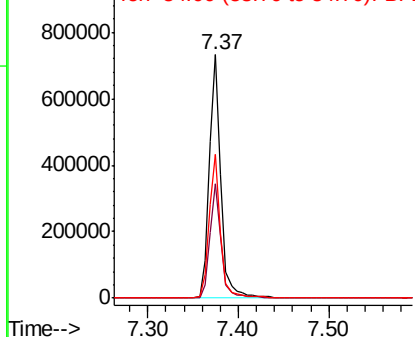
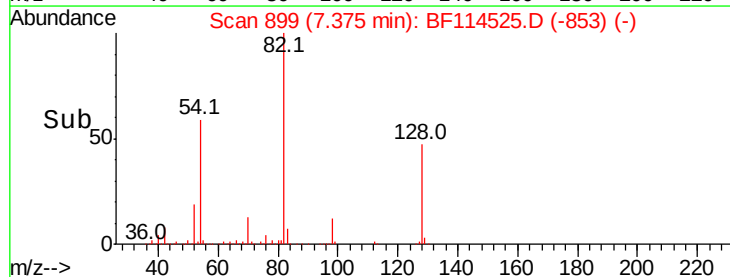


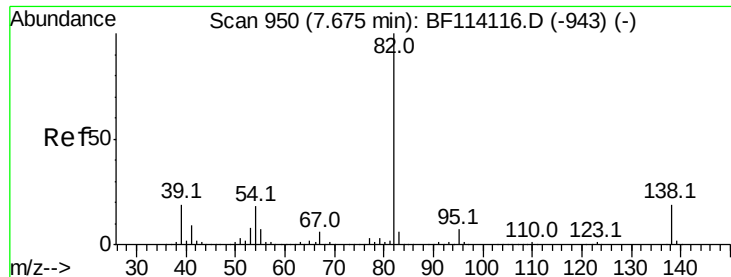
Abundance

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: 32.946 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.29 min

Lab File: BF114525.D

Acq: 23 May 2019 14:49

Instrument :

BNA_F

ClientSampleId :

FESB-11(7-7.5)

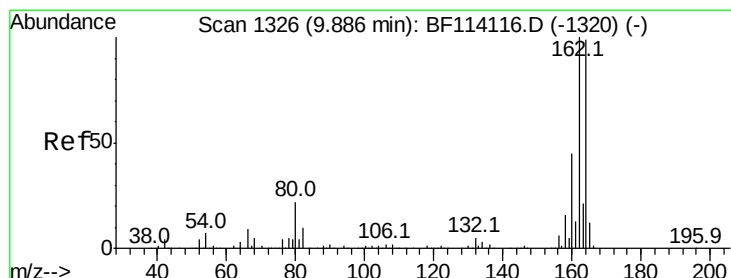
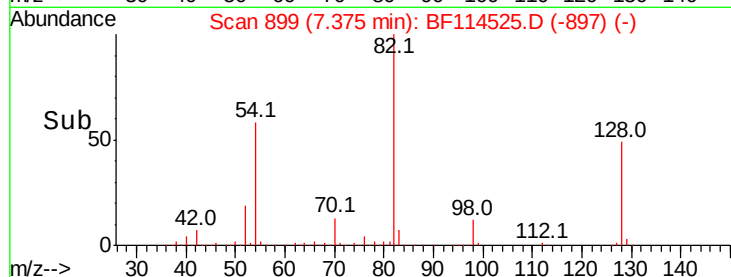
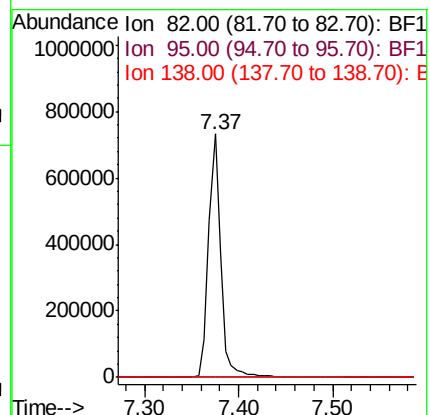
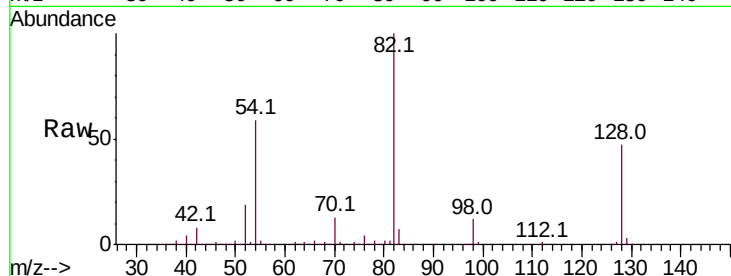
Tot Ion: 82 Resp: 670555

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# 1319

Delta R.T. -0.03 min

Lab File: BF114525.D

Acq: 23 May 2019 14:49

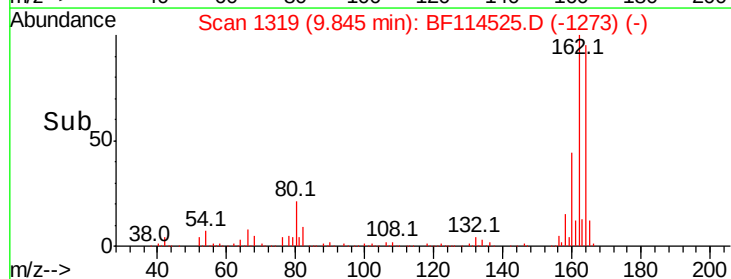
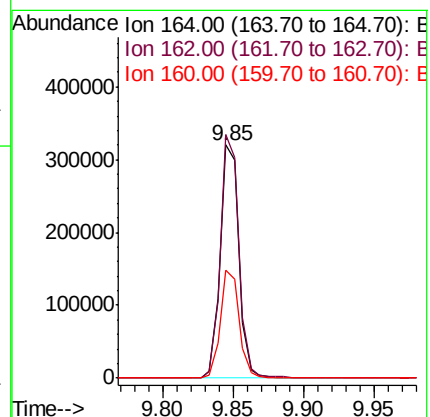
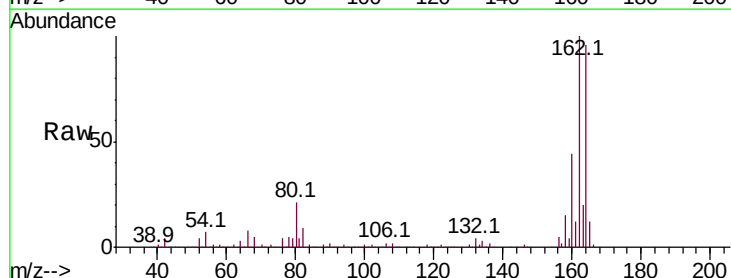
Tgt Ion:164 Resp: 295497

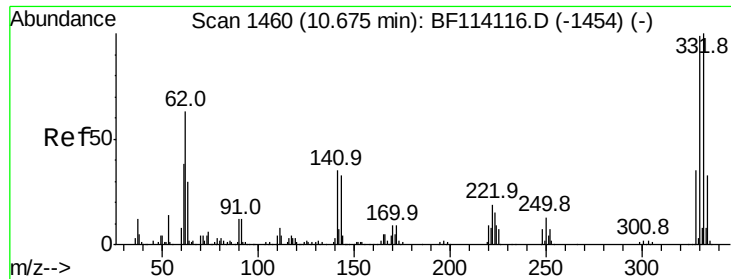
Ion Ratio Lower Upper

164 100

162 104.6 80.6 120.8

160 46.3 36.5 54.7

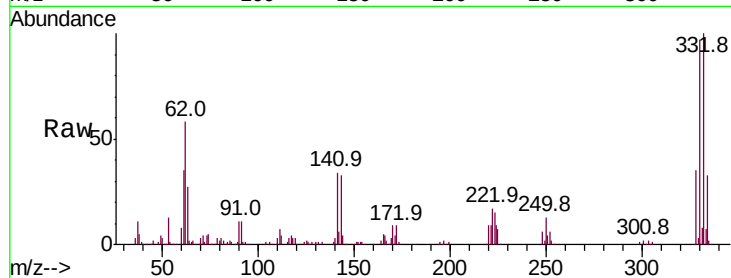




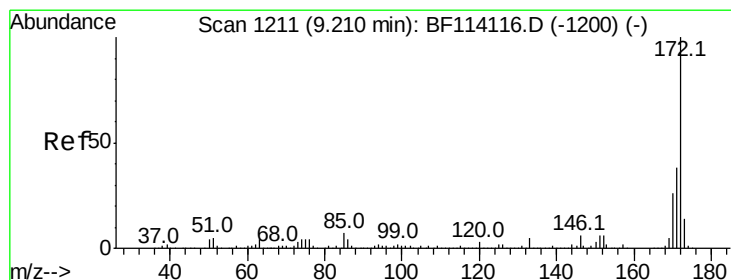
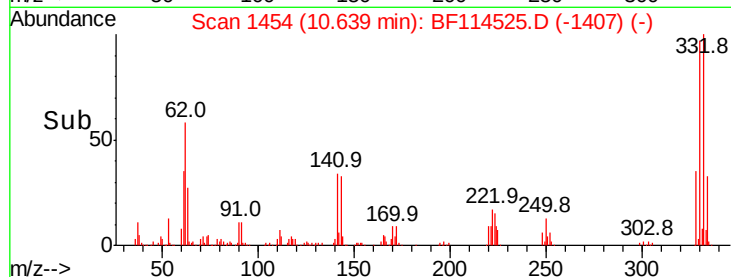
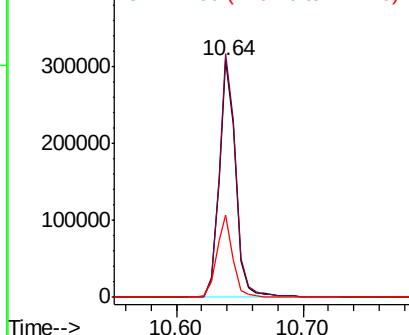
#42
 2,4,6-Tribromophenol
 Concen: 92.184 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.02 min
 Lab File: BF114525.D
 Acq: 23 May 2019 14:49

Instrument :
 BNA_F
 ClientSampleId :
 FESB-11(7-7.5)

Tot Ion	Ratio	Lower	Upper
330	100		
332	102.9	81.4	122.2
141	33.9	26.6	40.0

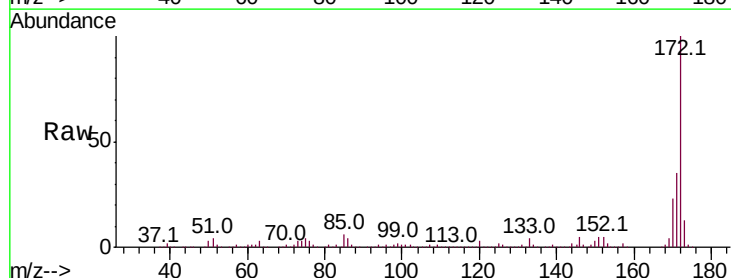


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

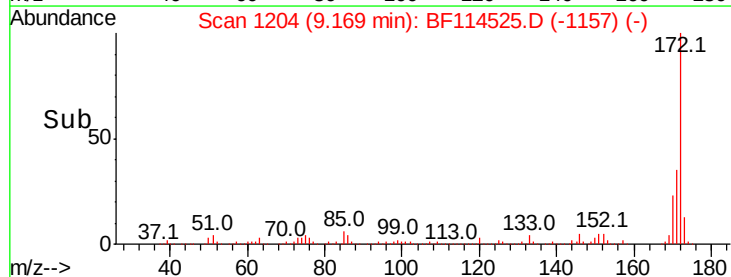
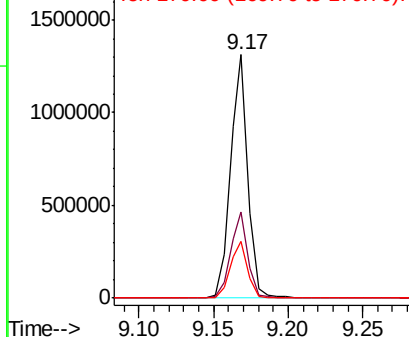


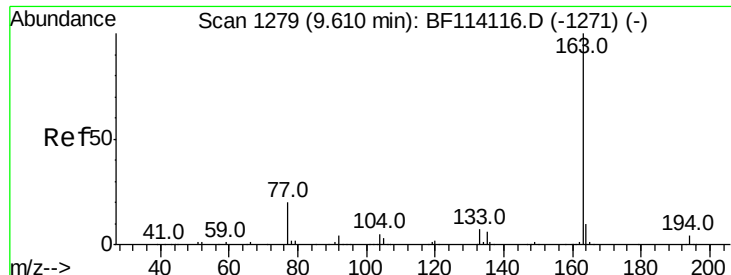
#45
 2-Fluorobiphenyl
 Concen: 55.322 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.02 min
 Lab File: BF114525.D
 Acq: 23 May 2019 14:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	30.7	46.1
170	23.2	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

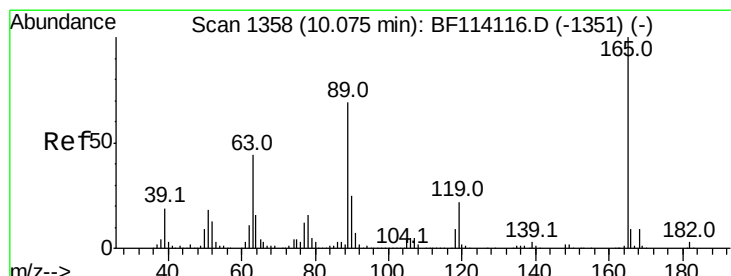
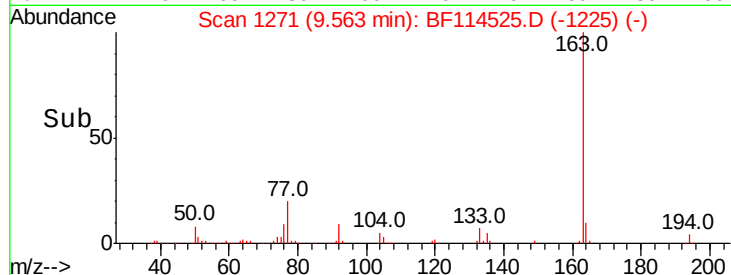
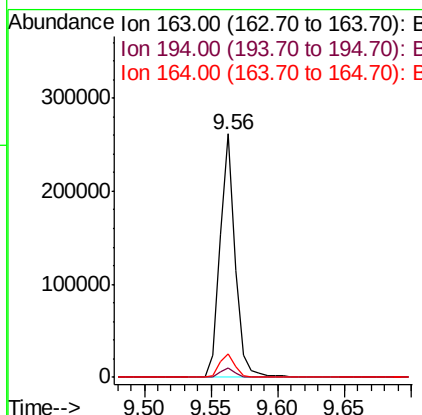
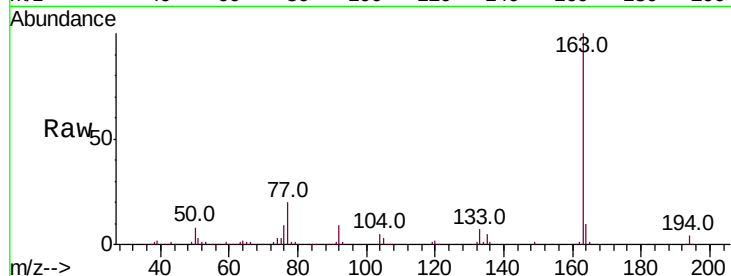




#50
Dimethylphthalate
Concen: 9.743 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.03 min
Lab File: BF114525.D
Acq: 23 May 2019 14:49

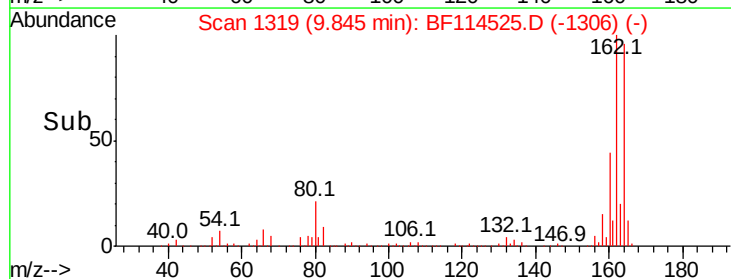
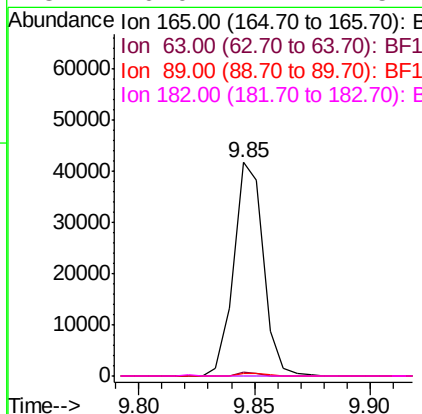
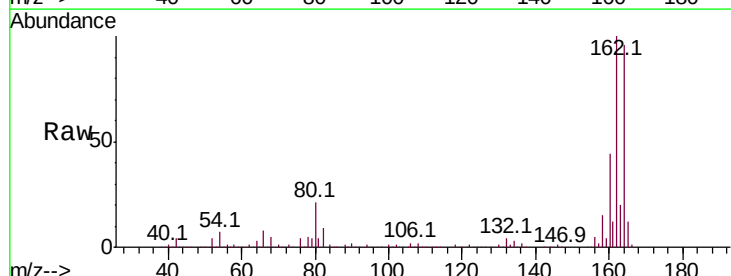
Instrument :
BNA_F
ClientSampleId :
FESB-11(7-7.5)

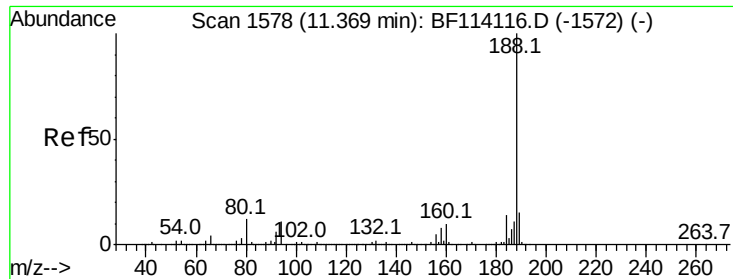
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.4	5.0
164	9.6	8.2	12.2



#57
2,4-Dinitrotoluene
Concen: 5.737 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.22 min
Lab File: BF114525.D
Acq: 23 May 2019 14:49

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	35.5	53.3#
89	1.4	55.2	82.8#
182	0.0	2.2	3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.02 min

Lab File: BF114525.D

Acq: 23 May 2019 14:49

Instrument :

BNA_F

ClientSampleId :

FESB-11(7-7.5)

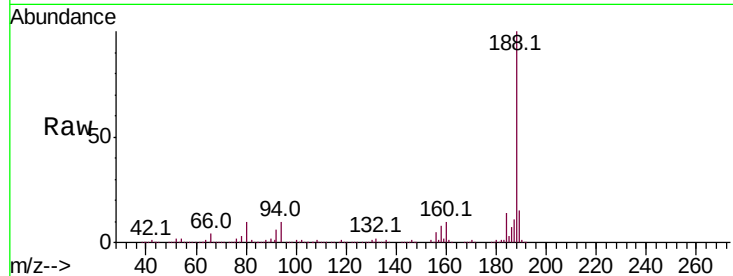
Tot Ion:188 Resp: 616786

Ion Ratio Lower Upper

188 100

94 9.8 8.4 12.6

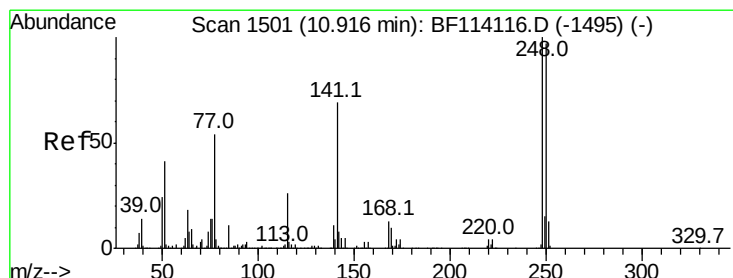
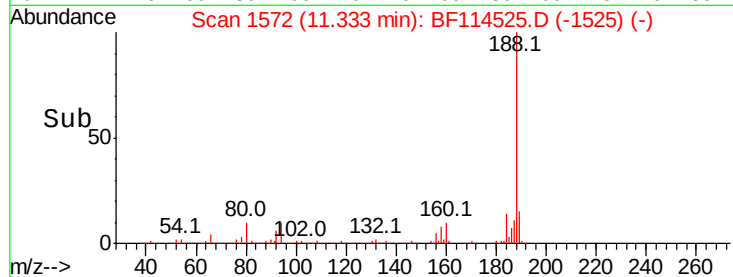
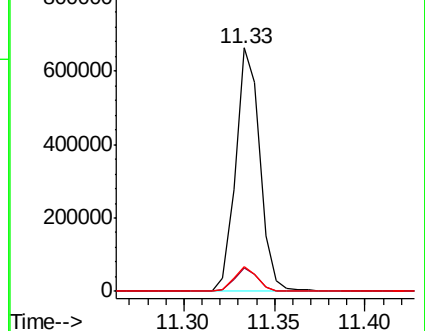
80 10.2 9.2 13.8



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: 2.574 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.26 min

Lab File: BF114525.D

Acq: 23 May 2019 14:49

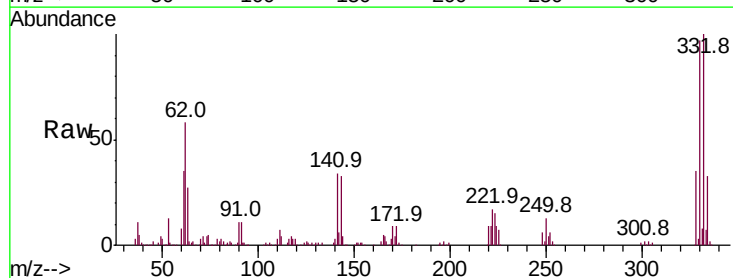
Tgt Ion:248 Resp: 17481

Ion Ratio Lower Upper

248 100

250 217.3 77.4 116.2#

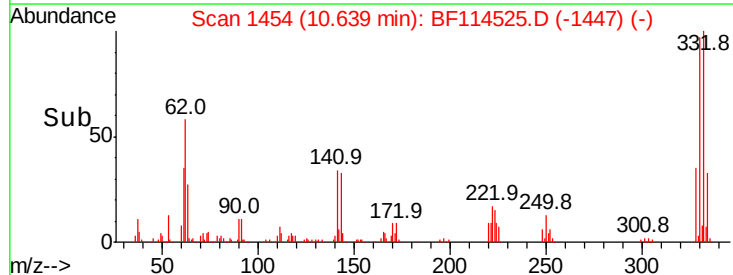
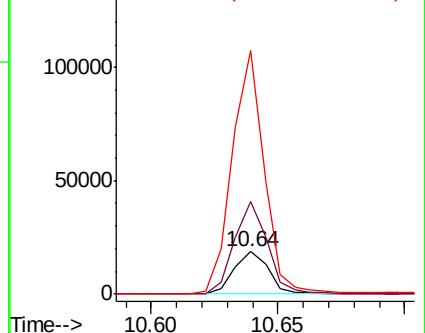
141 573.5 55.6 83.4#

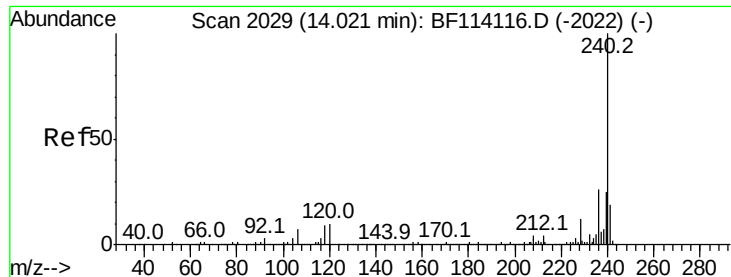


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

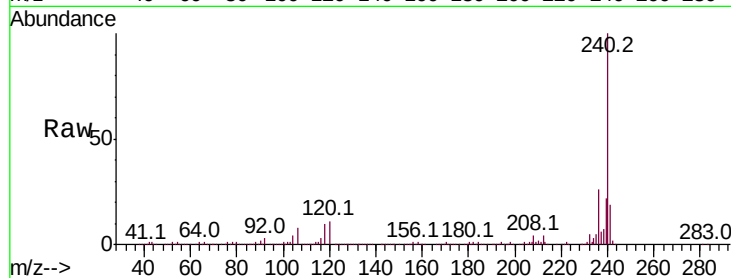




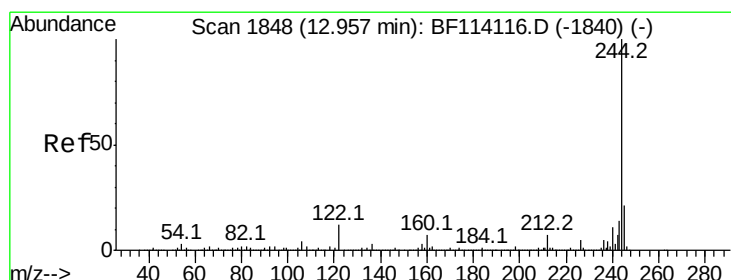
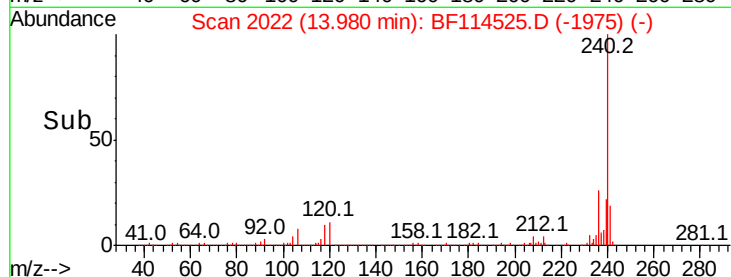
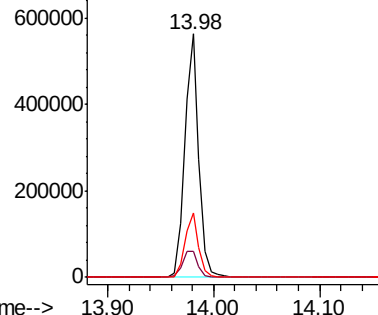
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BF114525.D
Acq: 23 May 2019 14:49

Instrument :
BNA_F
ClientSampleId :
FESB-11(7-7.5)

Tot Ion:240 Resp: 521177
Ion Ratio Lower Upper
240 100
120 10.8 8.3 12.5
236 26.4 20.8 31.2

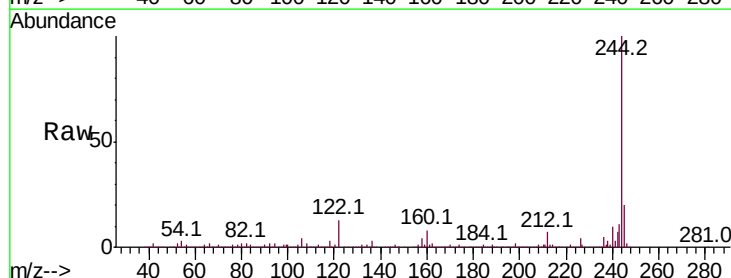


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

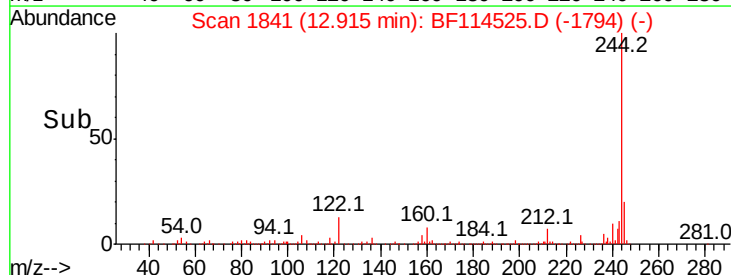
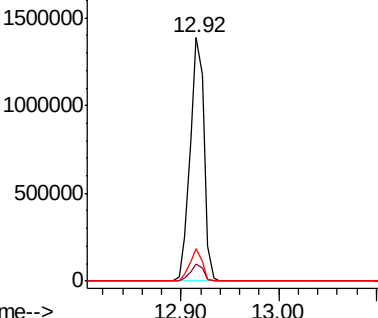


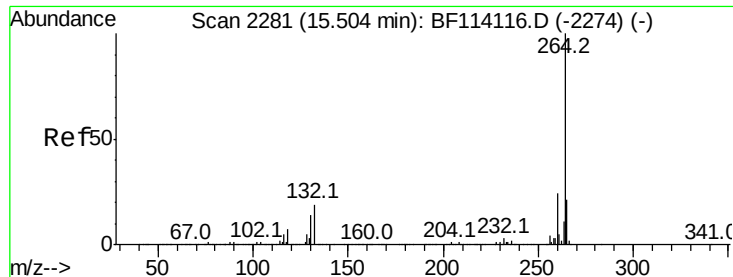
#79
Terphenyl-d14
Concen: 54.149 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.02 min
Lab File: BF114525.D
Acq: 23 May 2019 14:49

Tgt Ion:244 Resp: 1368999
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.6
122 13.1 9.4 14.2



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.02 min
Lab File: BF114525.D
Acq: 23 May 2019 14:49

Instrument :
BNA_F
ClientSampleId :
FESB-11(7-7.5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.0
265	21.8	16.9	25.3

