

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
 Data File : BF114565.D
 Acq On : 24 May 2019 13:03
 Operator : JU/SJ
 Sample : K2944-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FESB-6(4.5-5)

Quant Time: May 24 22:34:00 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

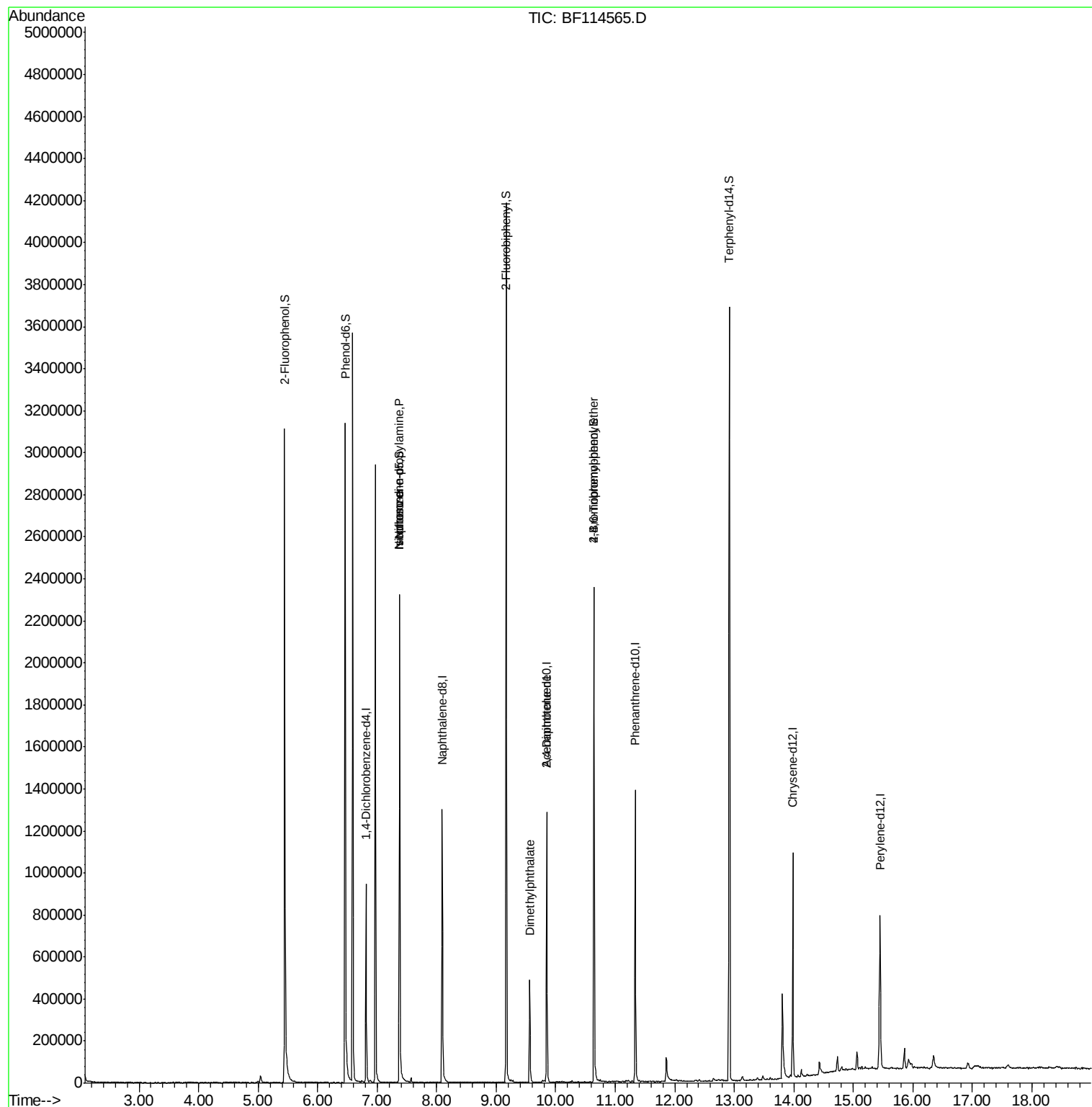
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	151923	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	576036	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	278898	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	551795	20.00	ng	0.00
76) Chrysene-d12	13.98	240	360974	20.00	ng	0.00
87) Perylene-d12	15.44	264	355814	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	923812	97.86	ng	0.00
7) Phenol-d6	6.46	99	1198482	107.34	ng	0.00
23) Nitrobenzene-d5	7.37	82	723625	70.50	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	284328	98.61	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1280934	69.47	ng	0.00
79) Terphenyl-d14	12.92	244	1330854	76.00	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	94319	13.327	ng	# 77
25) Isophorone	7.37	82	723620	38.013	ng	# 64
50) Dimethylphthalate	9.56	163	190842	9.321	ng	99
57) 2,4-Dinitrotoluene	9.85	165	35556	5.769	ng	# 25
67) 4-Bromophenyl-phenylether	10.64	248	18004	2.963	ng	# 1

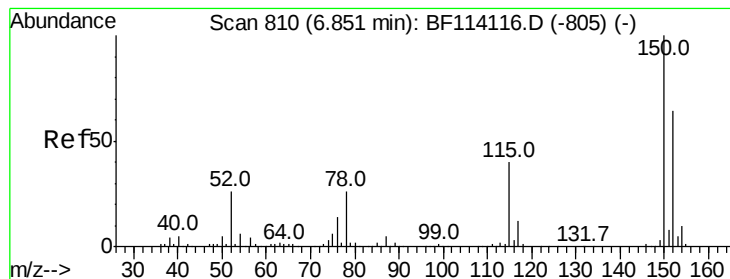
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 24 22:34:00 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



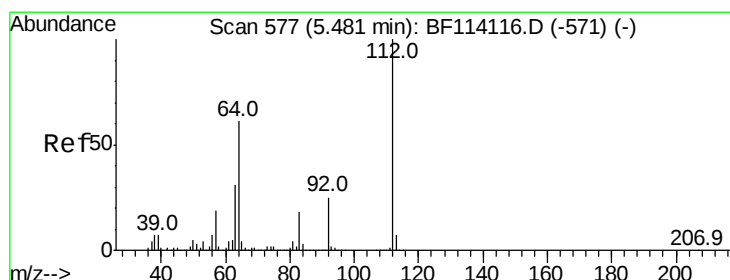
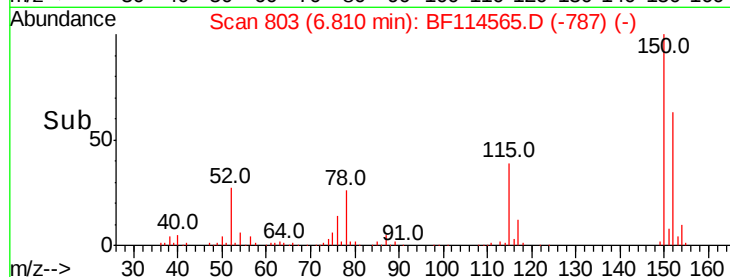
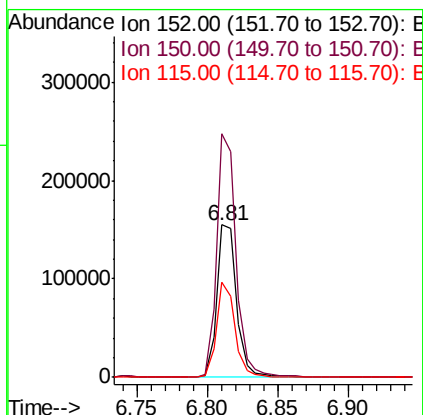
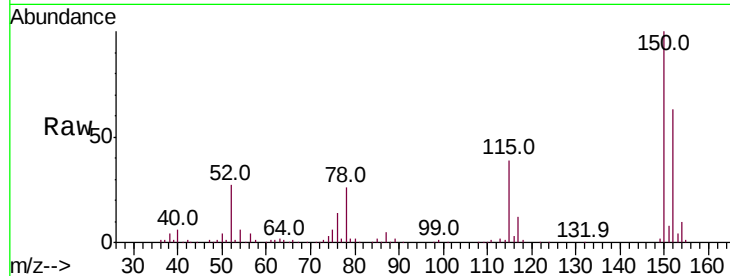


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF114565.D
Acq: 24 May 2019 13:03

Instrument :
BNA_F
ClientSampleId :
FESB-6(4.5-5)

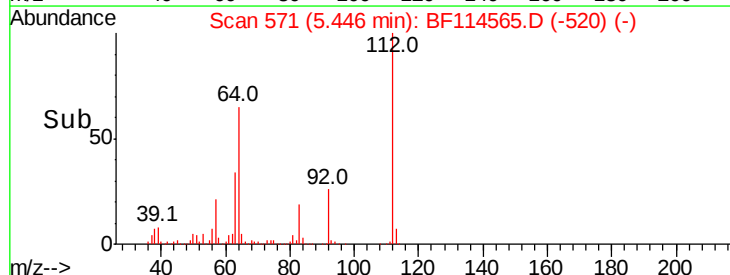
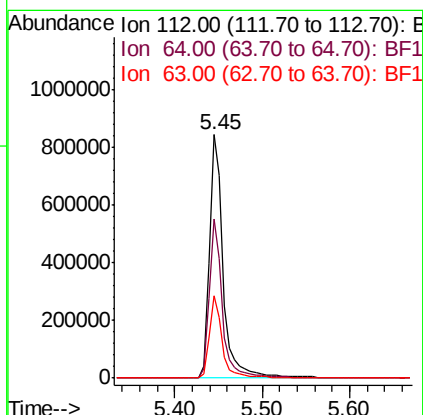
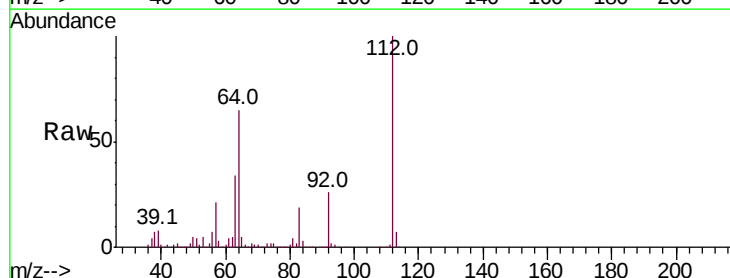
Tot Ion:152 Resp: 151923
Ion Ratio Lower Upper
152 100
150 159.5 124.3 186.5
115 62.4 49.1 73.7



#5

2-Fluorophenol
Concen: 97.856 ng
RT: 5.45 min Scan# 571
Delta R.T. -0.00 min
Lab File: BF114565.D
Acq: 24 May 2019 13:03

Tgt Ion:112 Resp: 923812
Ion Ratio Lower Upper
112 100
64 65.3 49.0 73.6
63 33.7 24.6 37.0





#7

Phenol-d6

Concen: 107.337 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF114565.D

Acq: 24 May 2019 13:03

Instrument :

BNA_F

ClientSampleId :

FESB-6(4.5-5)

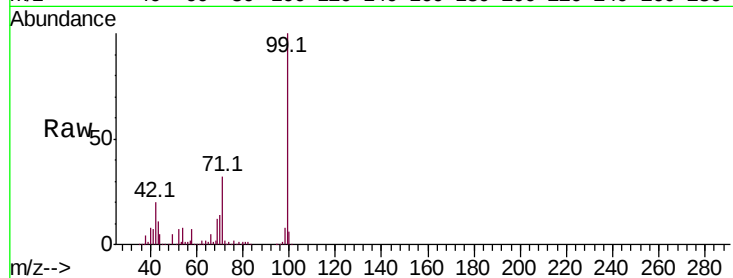
Tot Ion: 99 Resp: 1198482

Ion Ratio Lower Upper

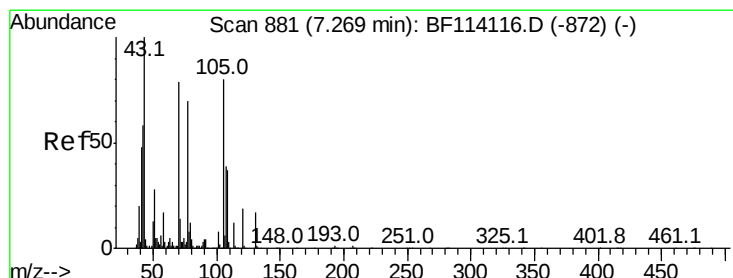
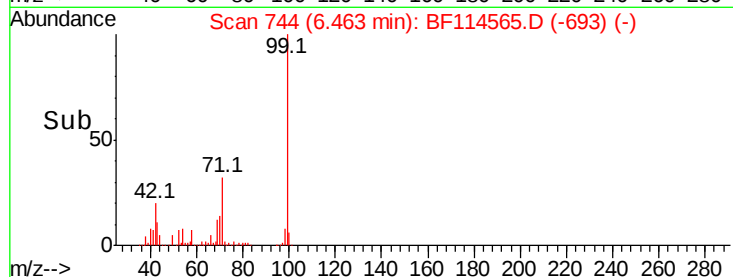
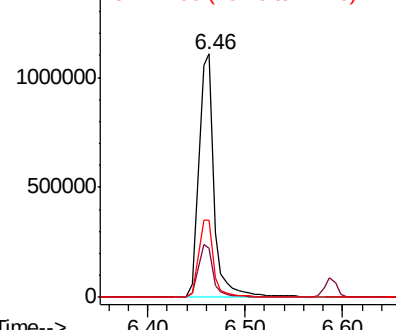
99 100

42 20.4 17.9 26.9

71 31.6 26.2 39.2



Abundance Ion 99.00 (98.70 to 99.70): BF1
1500000
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: 13.327 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF114565.D

Acq: 24 May 2019 13:03

Tgt Ion: 70 Resp: 94319

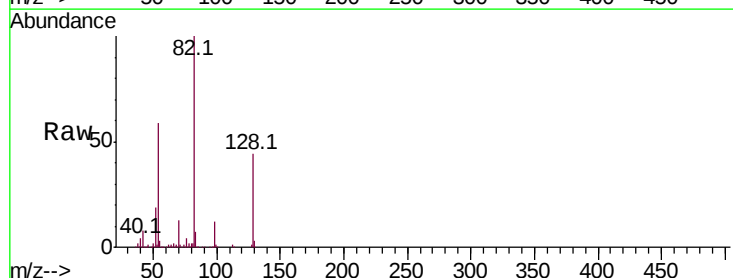
Ion Ratio Lower Upper

70 100

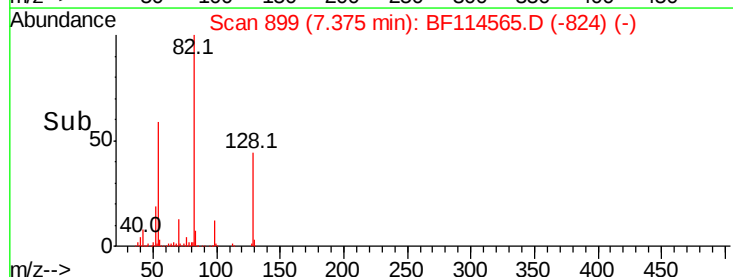
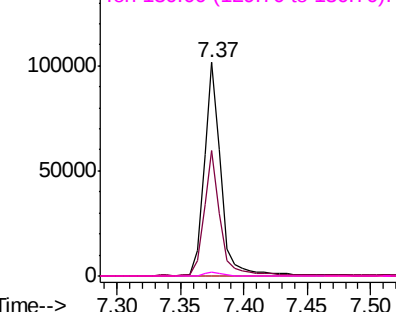
42 58.6 58.6 87.8

101 0.0 7.8 11.8#

130 2.1 17.1 25.7#



Abundance Ion 70.00 (69.70 to 70.70): BF1
150000
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF114565.D

Acq: 24 May 2019 13:03

Instrument :

BNA_F

ClientSampleId :

FESB-6(4.5-5)

Tot Ion:136 Resp: 576036

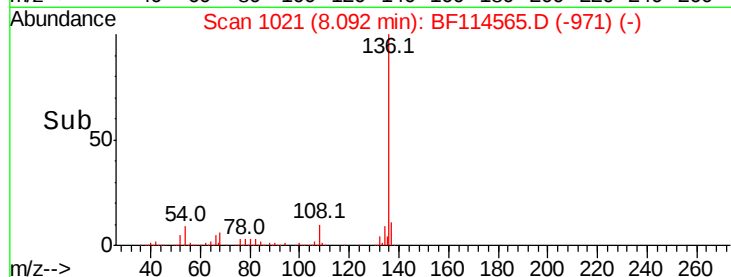
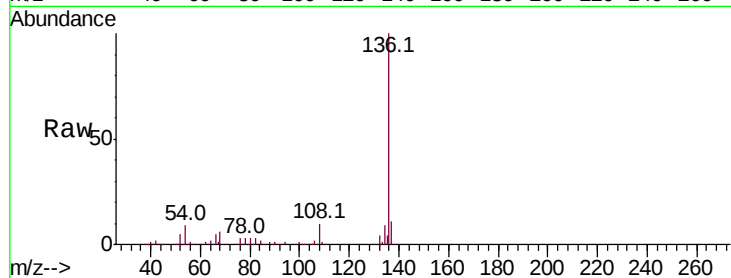
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 9.0 7.8 11.8

68 6.0 5.1 7.7

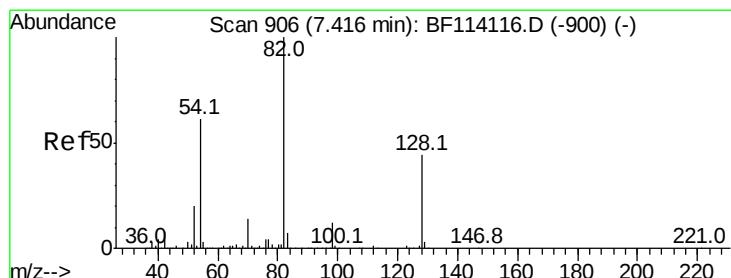
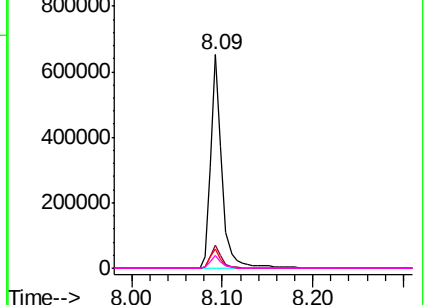


Abundance Ion 136.00 (135.70 to 136.70): E

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: 70.499 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF114565.D

Acq: 24 May 2019 13:03

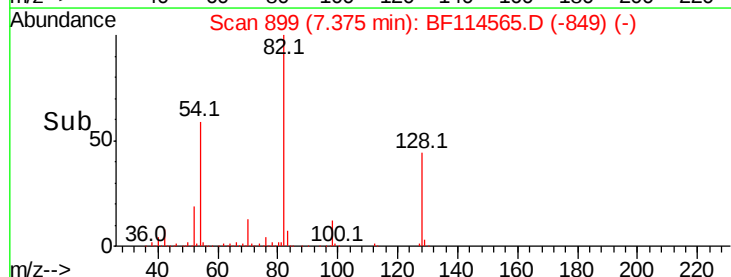
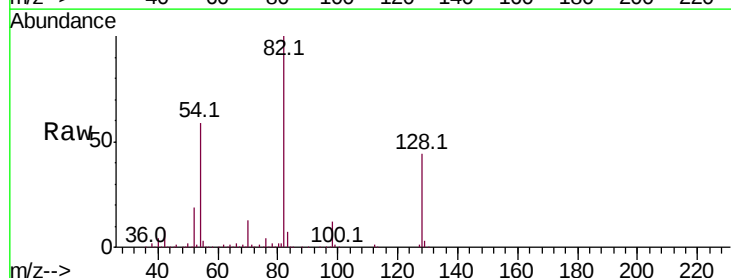
Tgt Ion: 82 Resp: 723625

Ion Ratio Lower Upper

82 100

128 44.0 35.5 53.3

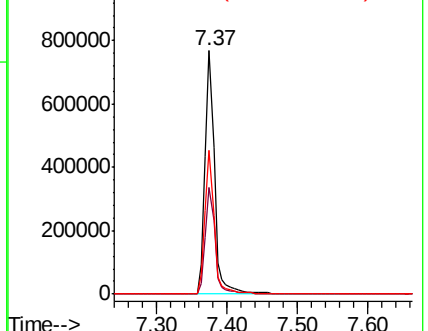
54 59.1 48.5 72.7



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: 38.013 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF114565.D

Acq: 24 May 2019 13:03

Instrument :

BNA_F

ClientSampleId :

FESB-6(4.5-5)

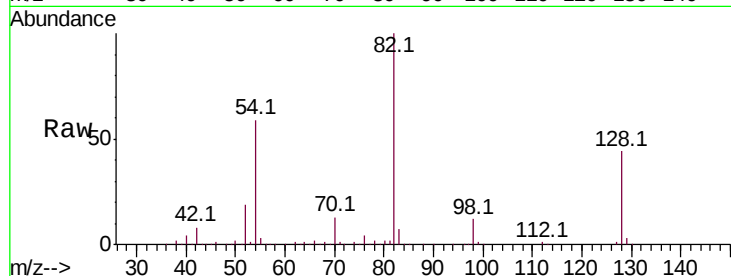
Tot Ion: 82 Resp: 723620

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

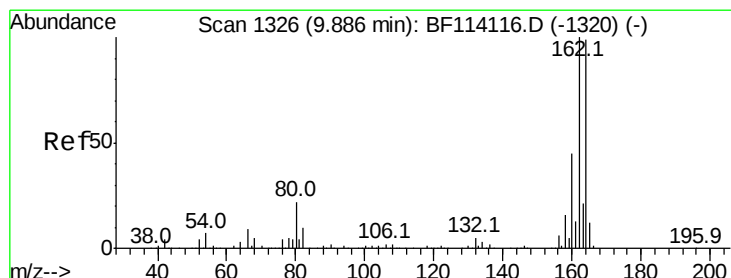
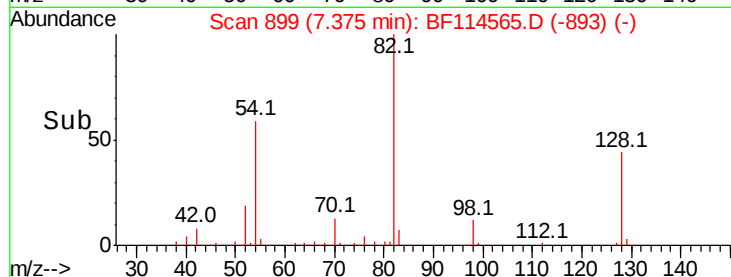
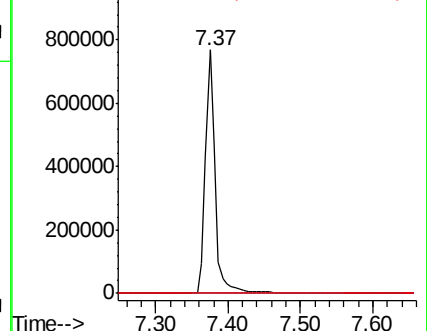
138 0.0 14.8 22.2#



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: BF114565.D

Acq: 24 May 2019 13:03

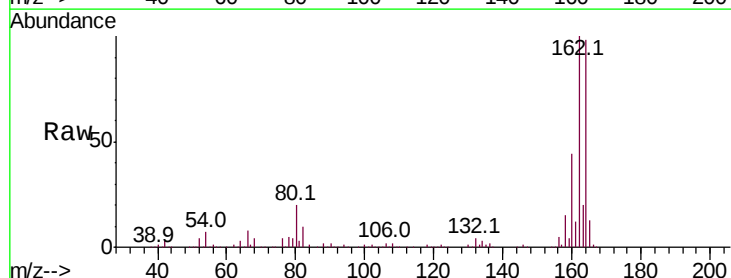
Tgt Ion:164 Resp: 278898

Ion Ratio Lower Upper

164 100

162 101.9 80.6 120.8

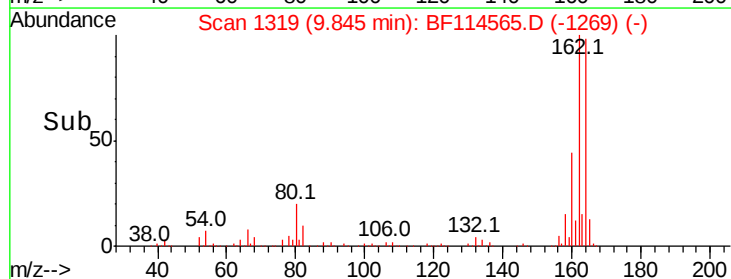
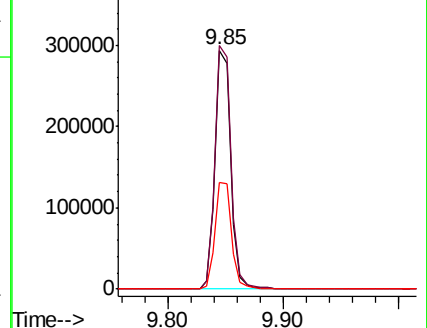
160 44.6 36.5 54.7

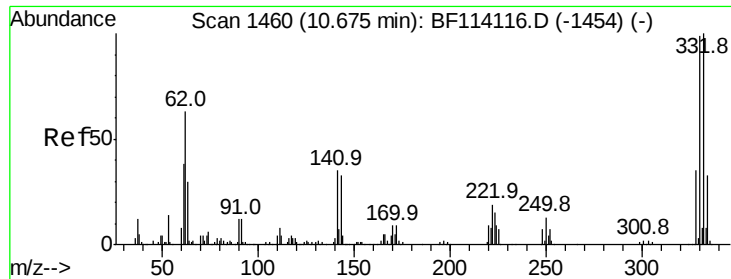


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

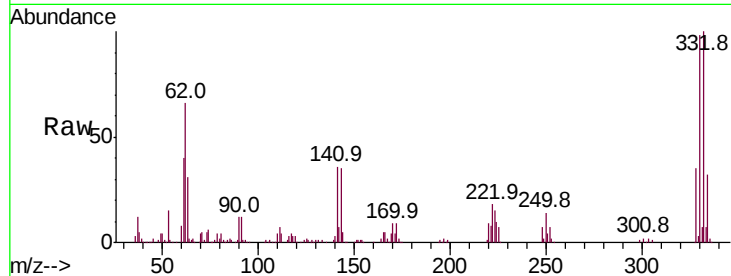




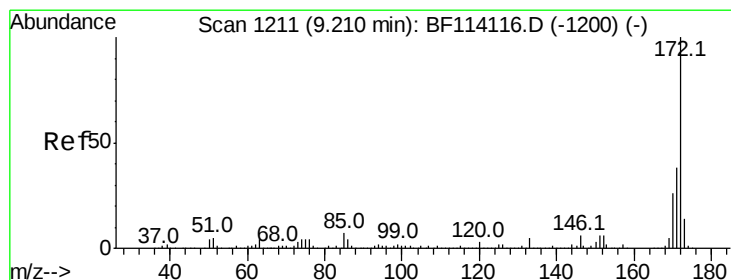
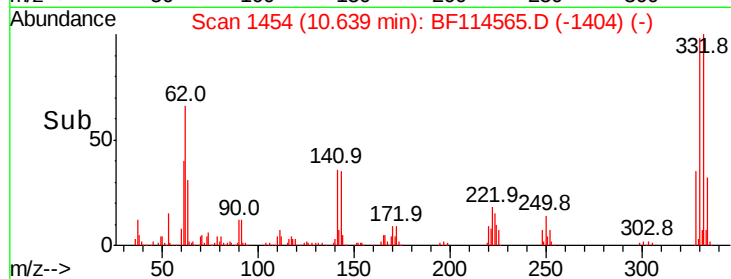
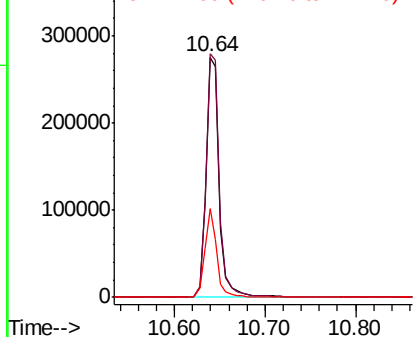
#42
 2,4,6-Tribromophenol
 Concen: 98.611 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF114565.D
 Acq: 24 May 2019 13:03

Instrument :
 BNA_F
 ClientSampleId :
 FESB-6(4.5-5)

Tot Ion:330 Resp: 284328
 Ion Ratio Lower Upper
 330 100
 332 102.0 81.4 122.2
 141 33.4 26.6 40.0

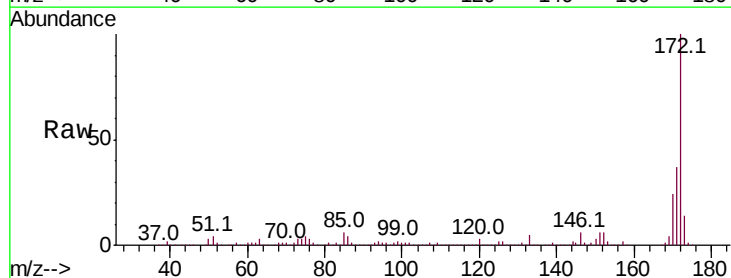


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

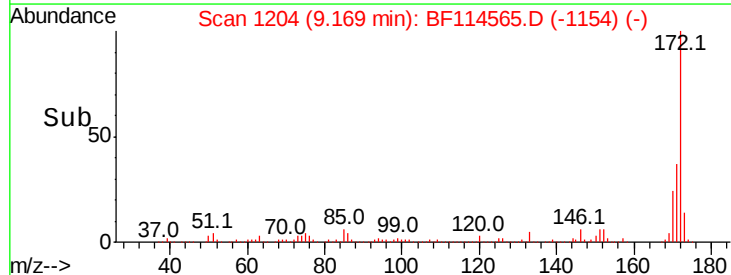
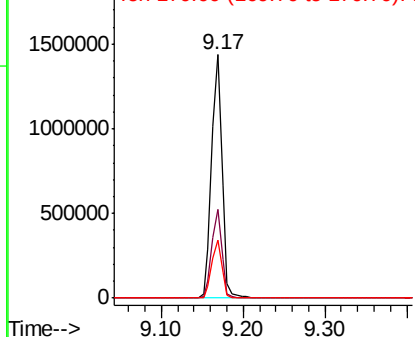


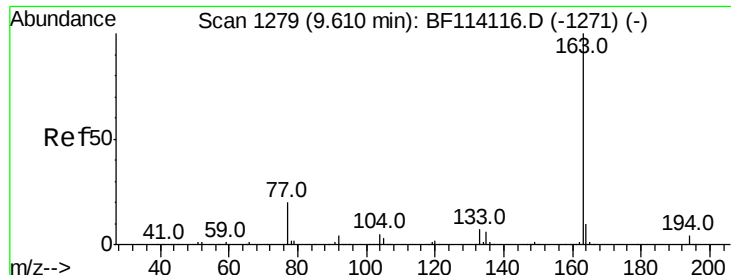
#45
 2-Fluorobiphenyl
 Concen: 69.474 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF114565.D
 Acq: 24 May 2019 13:03

Tgt Ion:172 Resp: 1280934
 Ion Ratio Lower Upper
 172 100
 171 36.5 30.7 46.1
 170 23.9 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

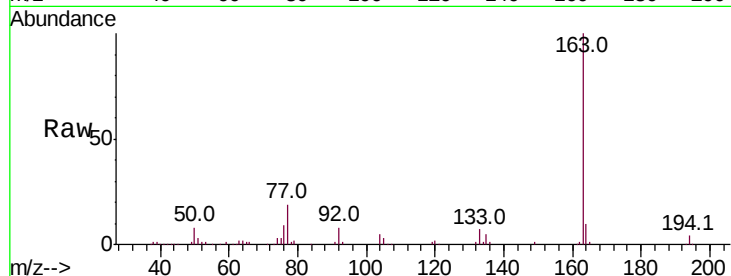




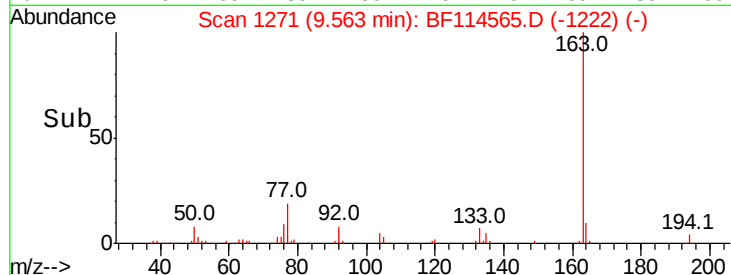
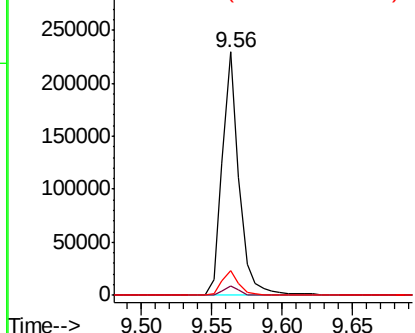
#50
Dimethylphthalate
Concen: 9.321 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF114565.D
Acq: 24 May 2019 13:03

Instrument :
BNA_F
ClientSampleId :
FESB-6(4.5-5)

Tot Ion:163 Resp: 190842
Ion Ratio Lower Upper
163 100
194 3.7 3.4 5.0
164 10.0 8.2 12.2

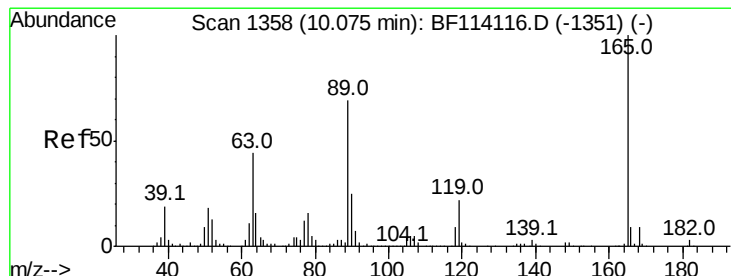


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

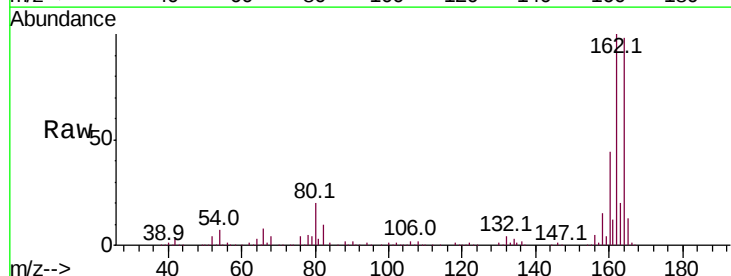
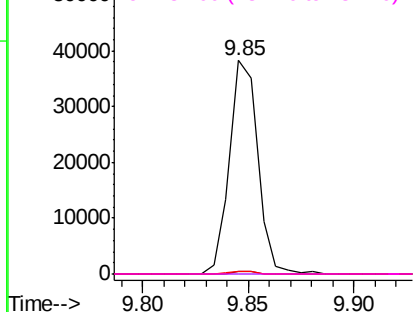


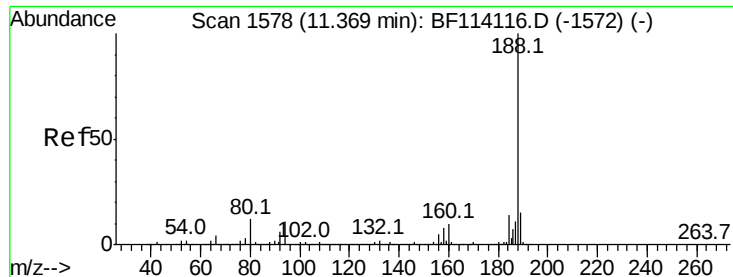
#57
2,4-Dinitrotoluene
Concen: 5.769 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.21 min
Lab File: BF114565.D
Acq: 24 May 2019 13:03

Tgt Ion:165 Resp: 35556
Ion Ratio Lower Upper
165 100
63 1.1 35.5 53.3#
89 1.3 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: BF114565.D

Acq: 24 May 2019 13:03

Instrument :

BNA_F

ClientSampleId :

FESB-6(4.5-5)

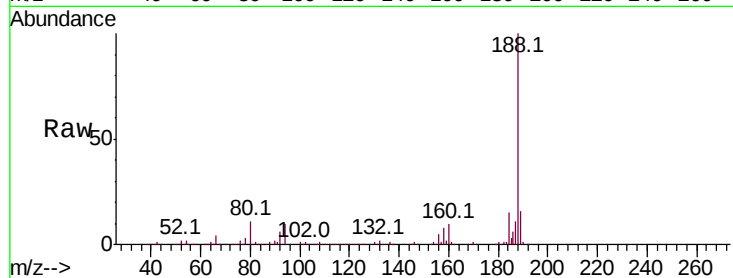
Tot Ion:188 Resp: 551795

Ion Ratio Lower Upper

188 100

94 10.0 8.4 12.6

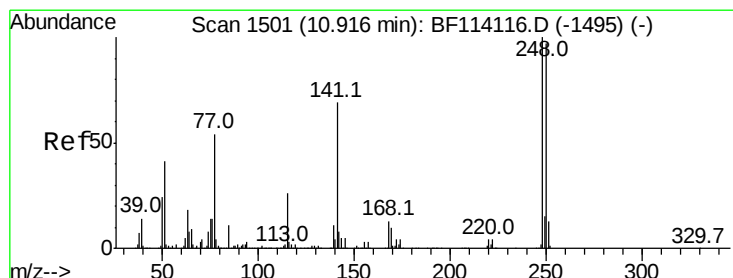
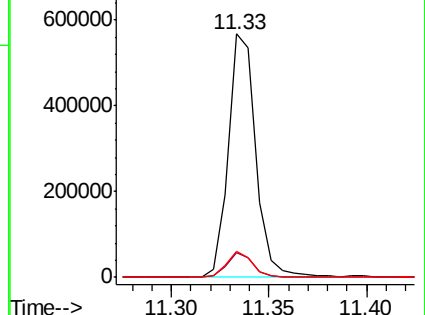
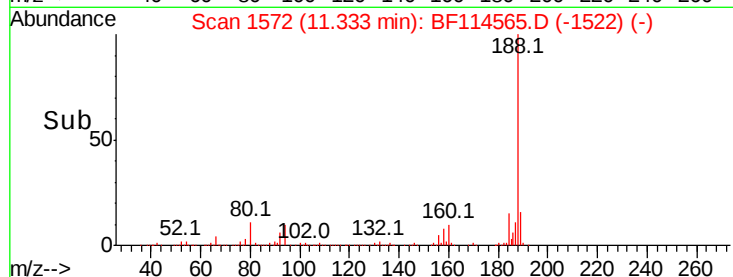
80 10.8 9.2 13.8



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: 2.963 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.24 min

Lab File: BF114565.D

Acq: 24 May 2019 13:03

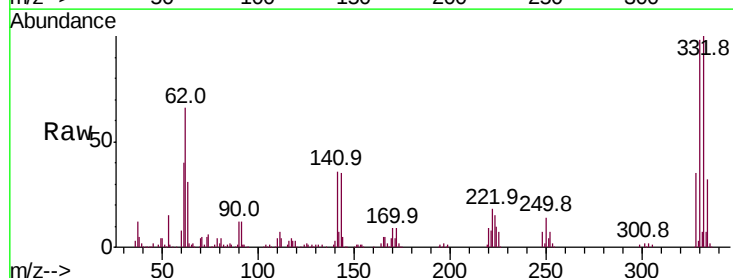
Tgt Ion:248 Resp: 18004

Ion Ratio Lower Upper

248 100

250 194.8 77.4 116.2#

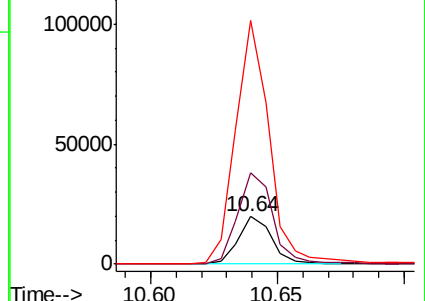
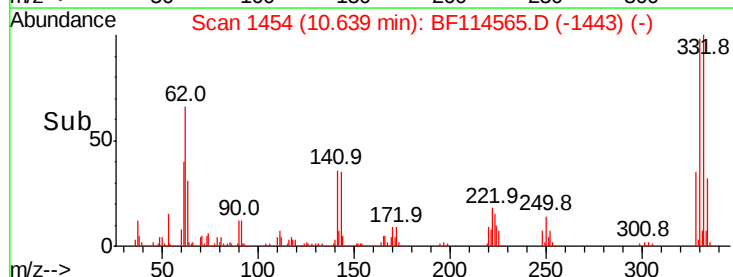
141 516.0 55.6 83.4#

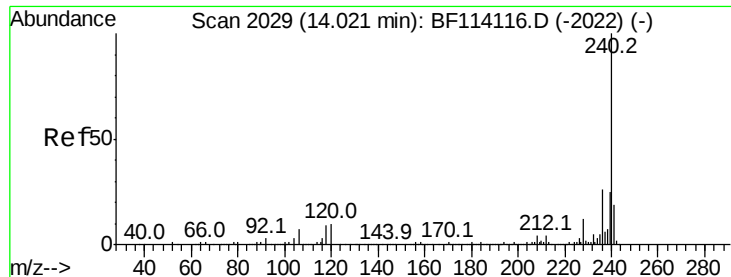


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

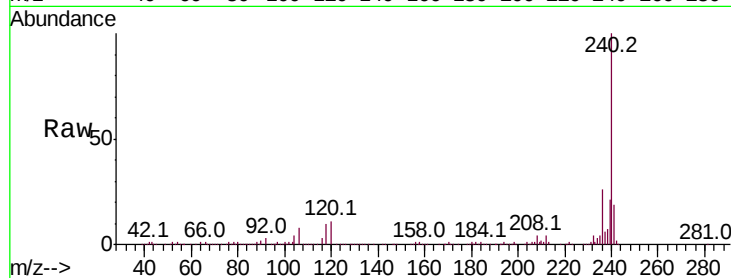




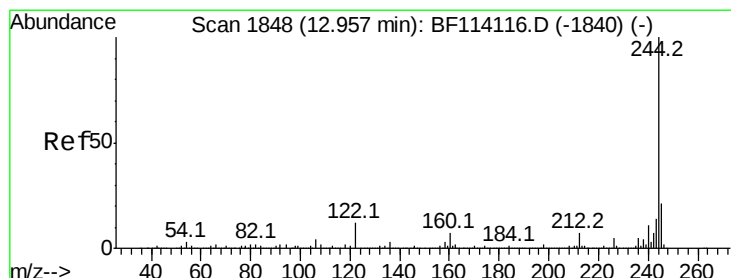
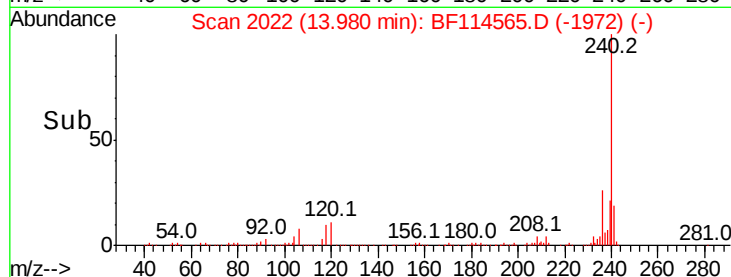
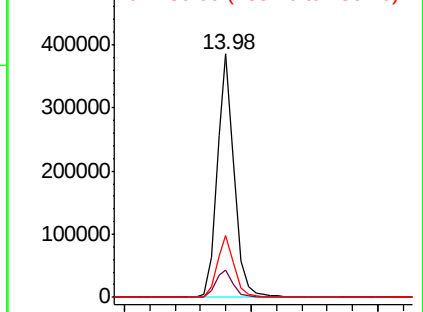
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF114565.D
 Acq: 24 May 2019 13:03

Instrument :
 BNA_F
 ClientSampleId :
 FESB-6(4.5-5)

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.3	12.5
236	25.6	20.8	31.2

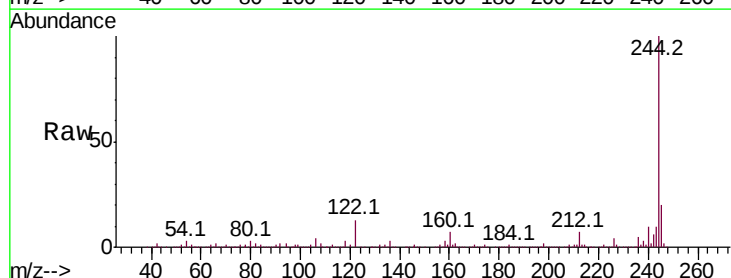


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

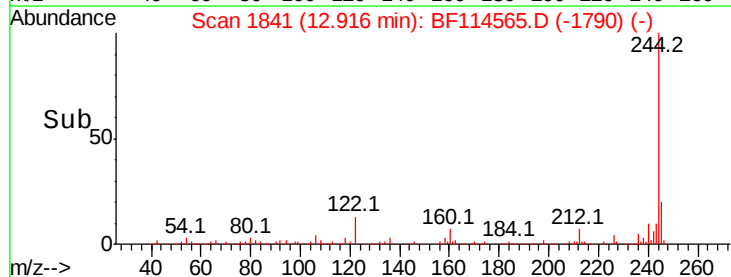
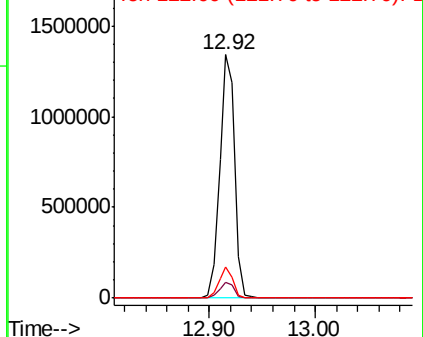


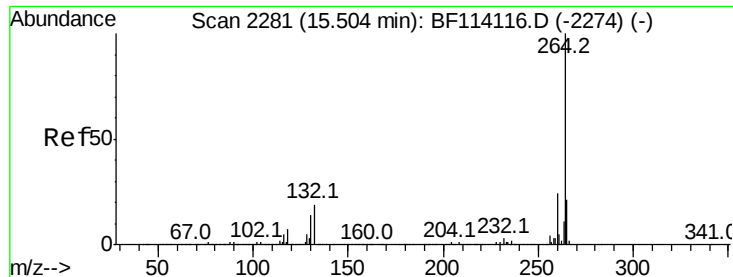
#79
 Terphenyl-d14
 Concen: 76.002 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BF114565.D
 Acq: 24 May 2019 13:03

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.6
122	12.6	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

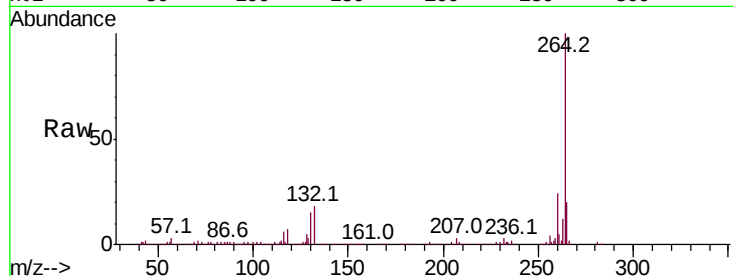




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: BF114565.D
 Acq: 24 May 2019 13:03

Instrument :
 BNA_F
 ClientSampleId :
 FESB-6(4.5-5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.0
265	20.3	16.9	25.3



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

