

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052319\
 Data File : BF114530.D
 Acq On : 23 May 2019 17:01
 Operator : JU/SJ
 Sample : K2944-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FESB-3(4.5-5)

Quant Time: May 24 07:17:47 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

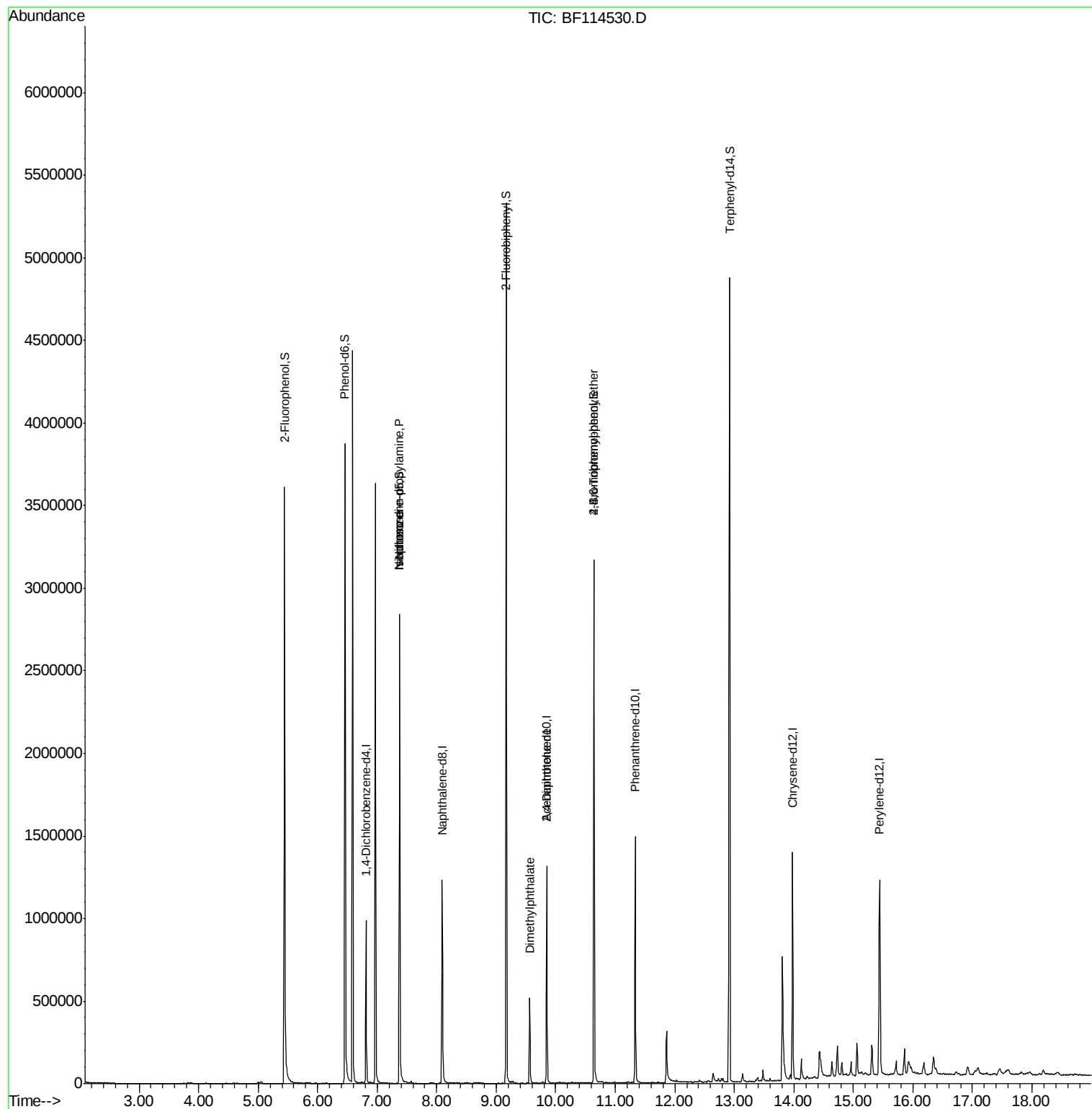
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	151097	20.00	ng	-0.03
21) Naphthalene-d8	8.09	136	562018	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	268707	20.00	ng	-0.03
64) Phenanthrene-d10	11.33	188	558066	20.00	ng	-0.02
76) Chrysene-d12	13.98	240	485762	20.00	ng	-0.02
87) Perylene-d12	15.44	264	531390	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1127471	120.08	ng	-0.02
7) Phenol-d6	6.46	99	1469618	132.34	ng	-0.03
23) Nitrobenzene-d5	7.37	82	888815	88.75	ng	-0.03
42) 2,4,6-Tribromophenol	10.64	330	375543	135.19	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	1559389	87.78	ng	-0.02
79) Terphenyl-d14	12.92	244	1747119	74.14	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	117122	16.639	ng	# 78
25) Isophorone	7.37	82	888810	47.855	ng	# 64
50) Dimethylphthalate	9.56	163	208202	10.555	ng	99
57) 2,4-Dinitrotoluene	9.85	165	34762	5.854	ng	# 25
67) 4-Bromophenyl-phenylether	10.64	248	23800	3.873	ng	# 1

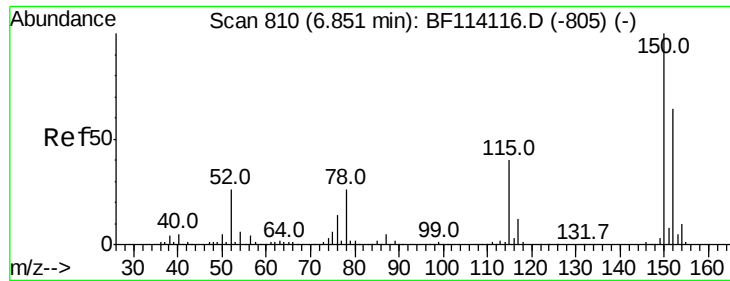
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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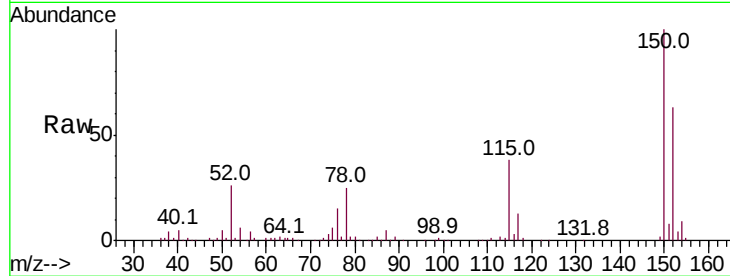


#1

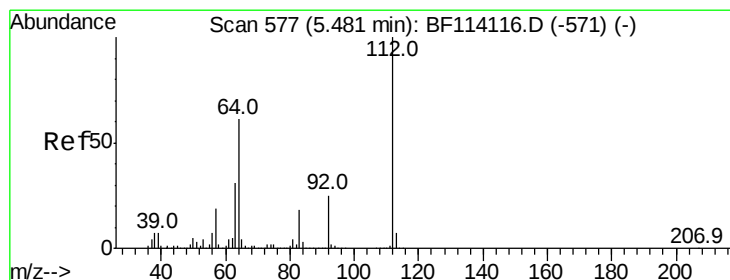
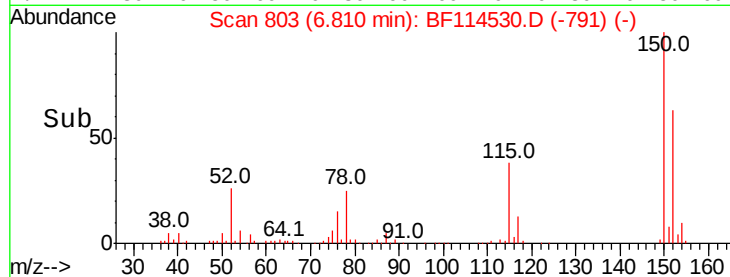
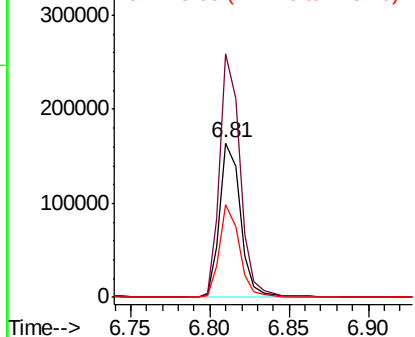
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.03 min
Lab File: BF114530.D
Acq: 23 May 2019 17:01

Instrument :
BNA_F
ClientSampleId :
FESB-3(4.5-5)

Tot Ion:152 Resp: 151097
Ion Ratio Lower Upper
152 100
150 157.5 124.3 186.5
115 59.6 49.1 73.7



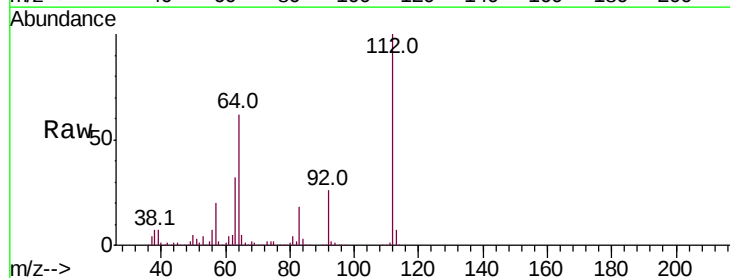
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



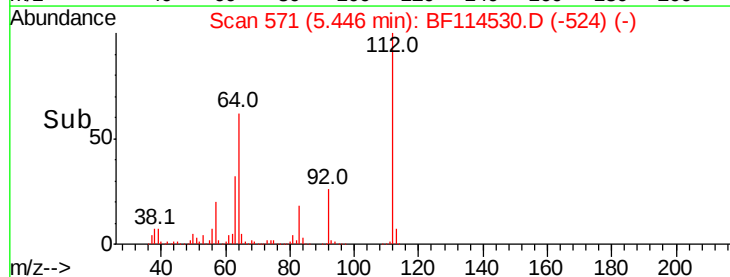
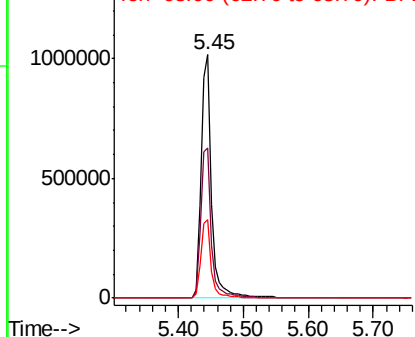
#5

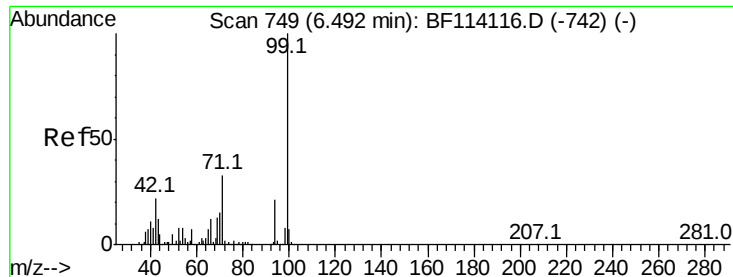
2-Fluorophenol
Concen: 120.081 ng
RT: 5.45 min Scan# 571
Delta R.T. -0.02 min
Lab File: BF114530.D
Acq: 23 May 2019 17:01

Tgt Ion:112 Resp: 1127471
Ion Ratio Lower Upper
112 100
64 61.6 49.0 73.6
63 32.2 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: 132.339 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.03 min

Lab File: BF114530.D

Acq: 23 May 2019 17:01

Instrument :

BNA_F

ClientSampleId :

FESB-3(4.5-5)

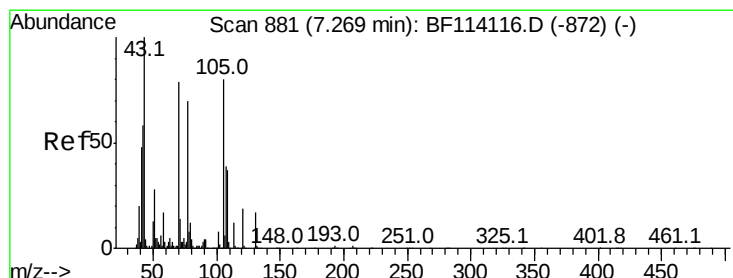
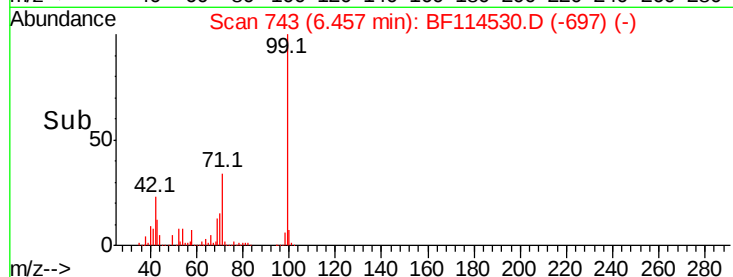
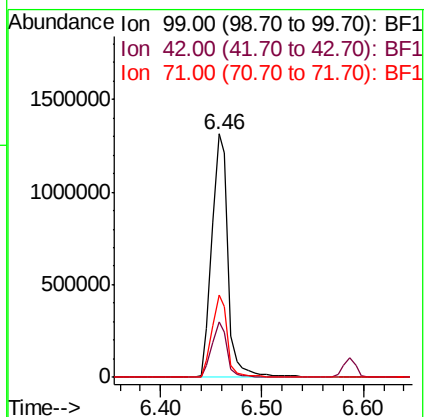
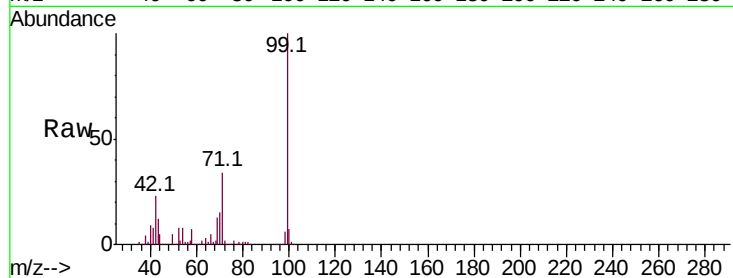
Tot Ion: 99 Resp: 1469618

Ion Ratio Lower Upper

99 100

42 22.7 17.9 26.9

71 33.7 26.2 39.2



#19

n-Nitroso-di-n-propylamine

Concen: 16.639 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.12 min

Lab File: BF114530.D

Acq: 23 May 2019 17:01

Tgt Ion: 70 Resp: 117122

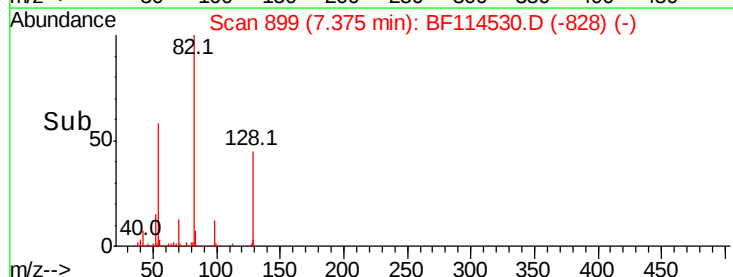
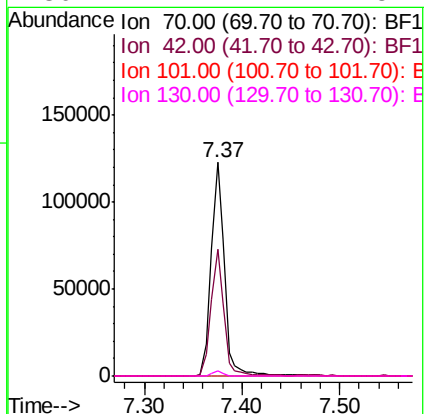
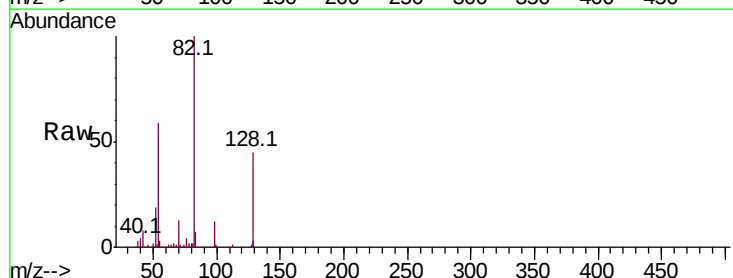
Ion Ratio Lower Upper

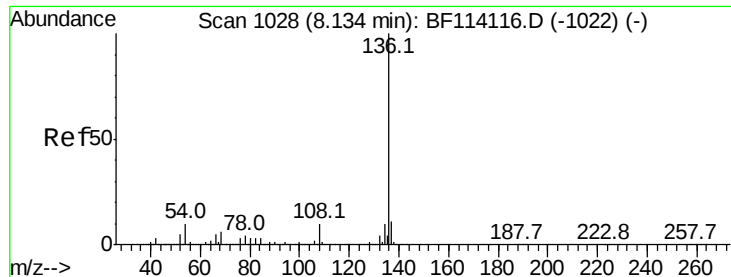
70 100

42 59.4 58.6 87.8

101 0.0 7.8 11.8#

130 2.4 17.1 25.7#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.03 min

Lab File: BF114530.D

Acq: 23 May 2019 17:01

Instrument :

BNA_F

ClientSampleId :

FESB-3(4.5-5)

Tot Ion:136 Resp: 562018

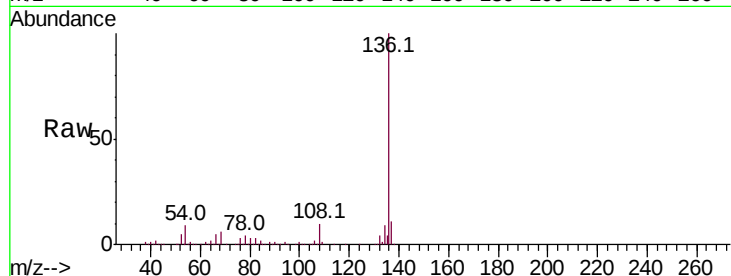
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 9.2 7.8 11.8

68 5.6 5.1 7.7

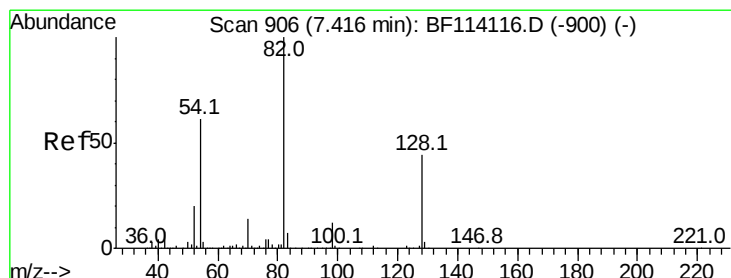
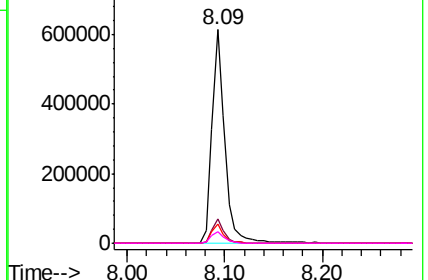
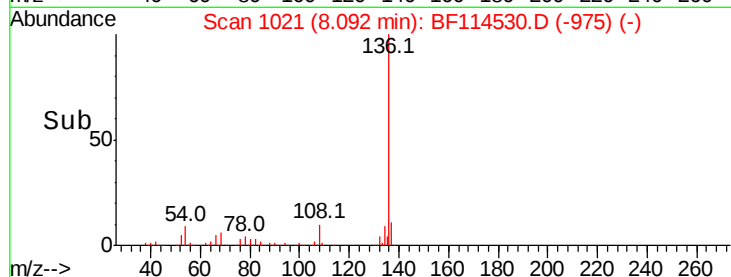


Abundance Ion 136.00 (135.70 to 136.70): E

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: 88.752 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.03 min

Lab File: BF114530.D

Acq: 23 May 2019 17:01

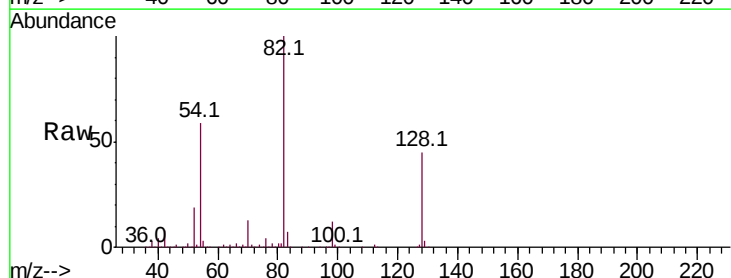
Tgt Ion: 82 Resp: 888815

Ion Ratio Lower Upper

82 100

128 44.9 35.5 53.3

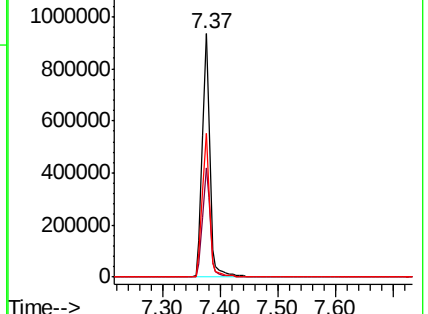
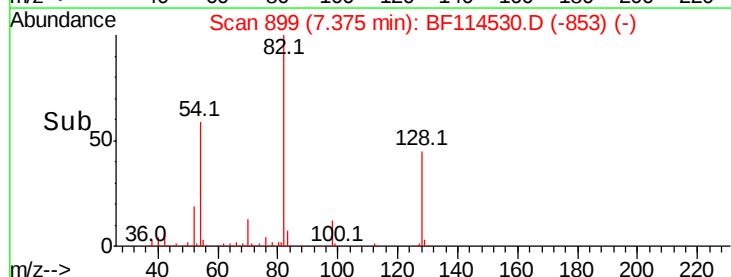
54 59.3 48.5 72.7

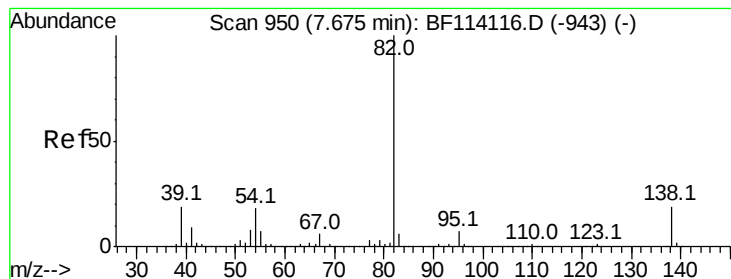


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 47.855 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.29 min

Lab File: BF114530.D

Acq: 23 May 2019 17:01

Instrument :

BNA_F

ClientSampleId :

FESB-3(4.5-5)

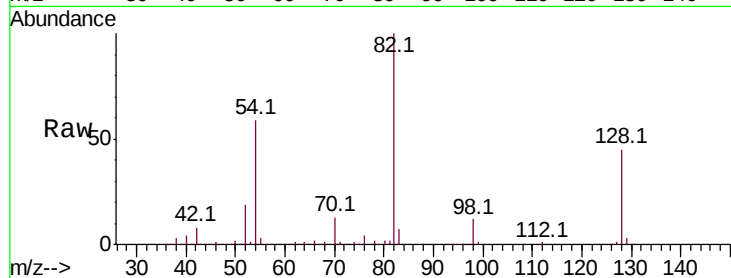
Tot Ion: 82 Resp: 888810

Ion Ratio Lower Upper

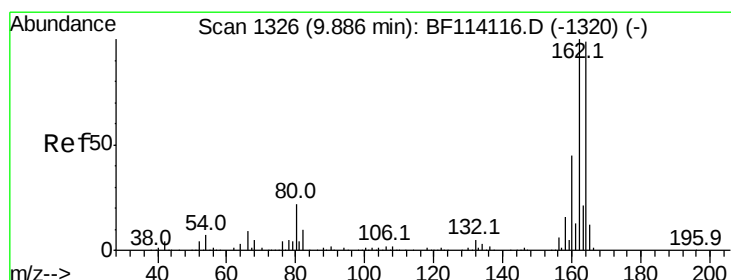
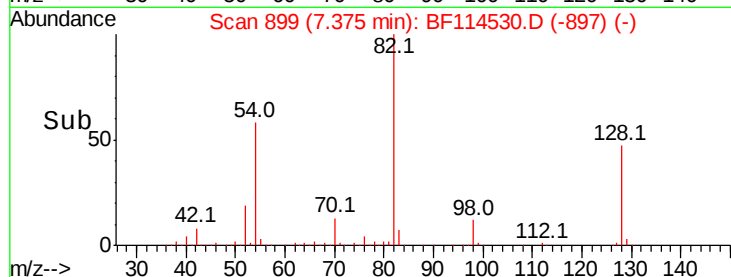
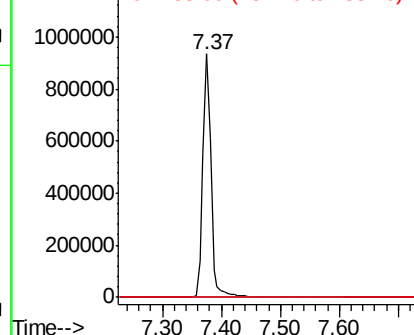
82 100

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): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.03 min

Lab File: BF114530.D

Acq: 23 May 2019 17:01

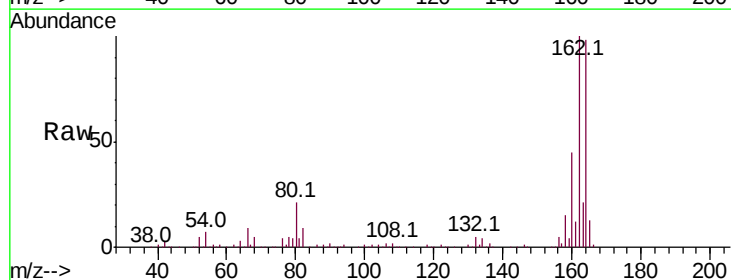
Tgt Ion:164 Resp: 268707

Ion Ratio Lower Upper

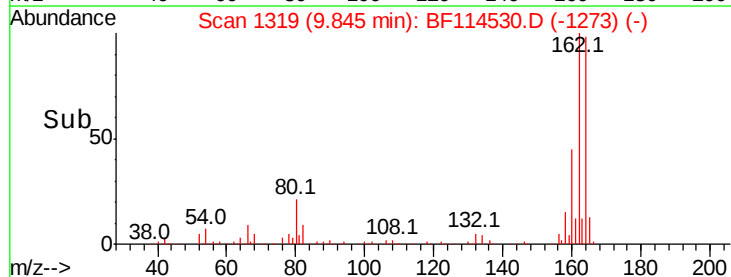
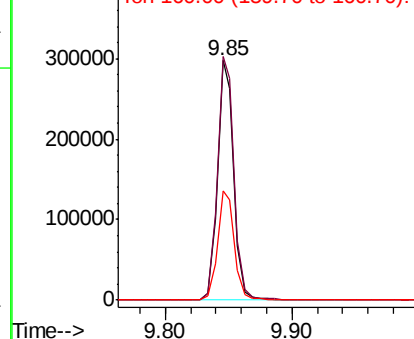
164 100

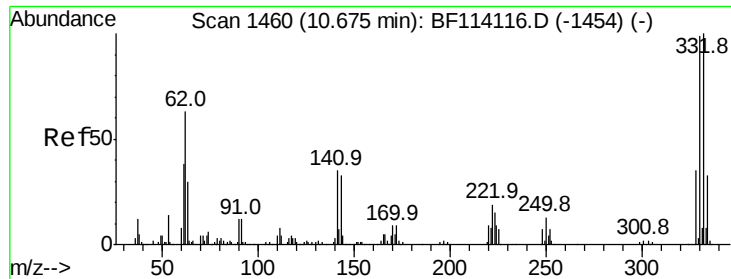
162 101.6 80.6 120.8

160 45.4 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: 135.186 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.02 min

Lab File: BF114530.D

Acq: 23 May 2019 17:01

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ClientSampleId :

FESB-3(4.5-5)

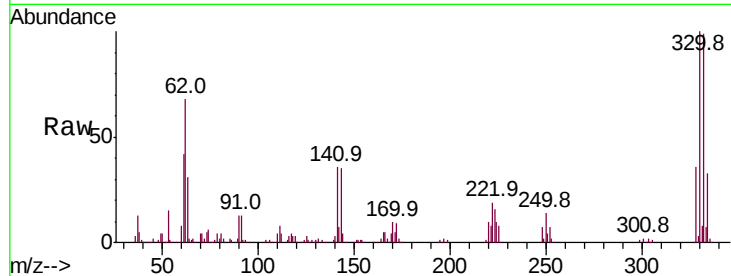
Tot Ion:330 Resp: 375543

Ion Ratio Lower Upper

330 100

332 101.6 81.4 122.2

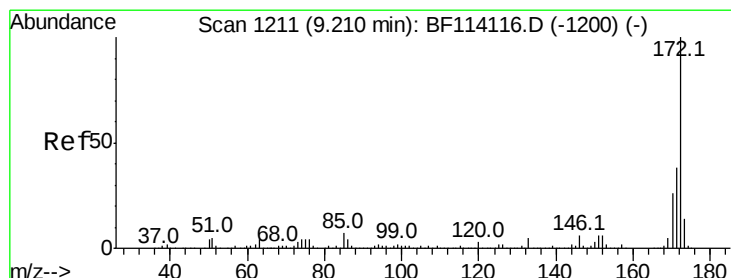
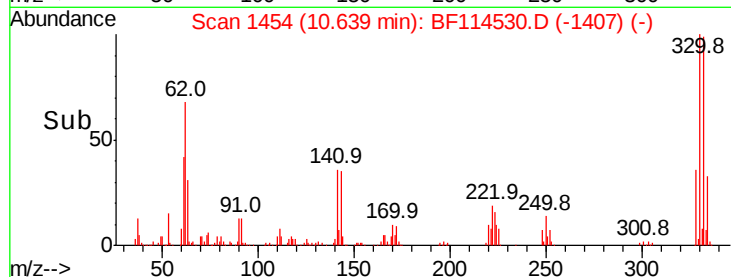
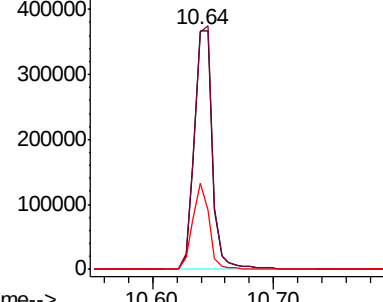
141 33.1 26.6 40.0



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: 87.785 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.02 min

Lab File: BF114530.D

Acq: 23 May 2019 17:01

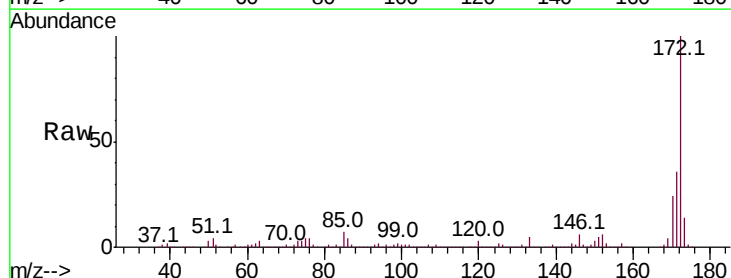
Tgt Ion:172 Resp: 1559389

Ion Ratio Lower Upper

172 100

171 35.6 30.7 46.1

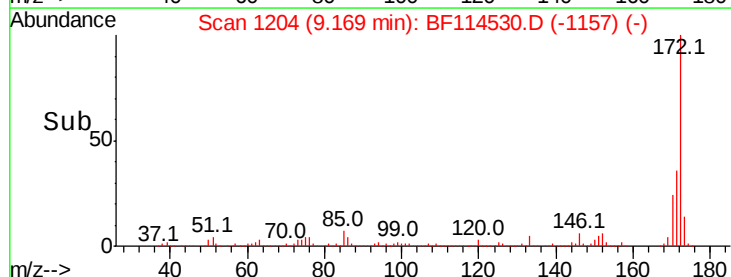
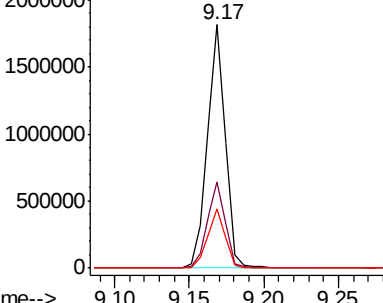
170 24.3 20.5 30.7

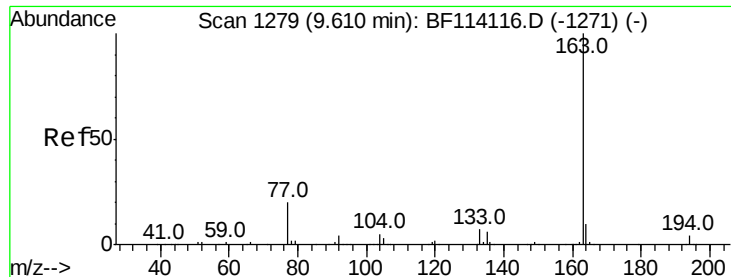


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

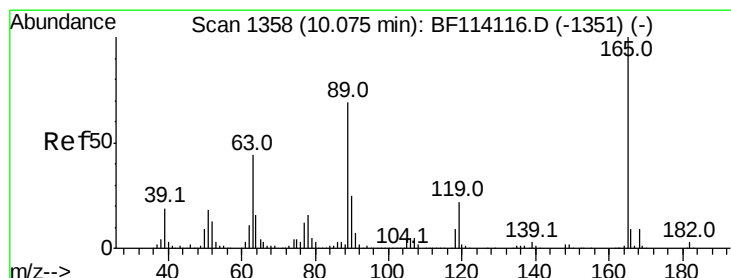
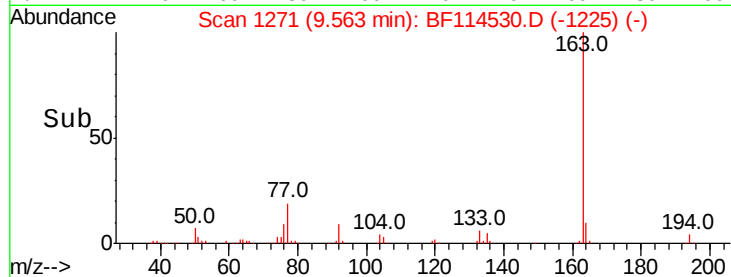
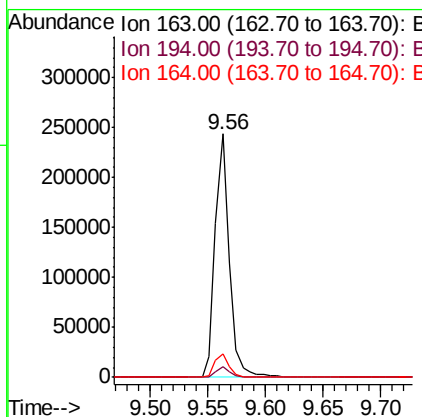
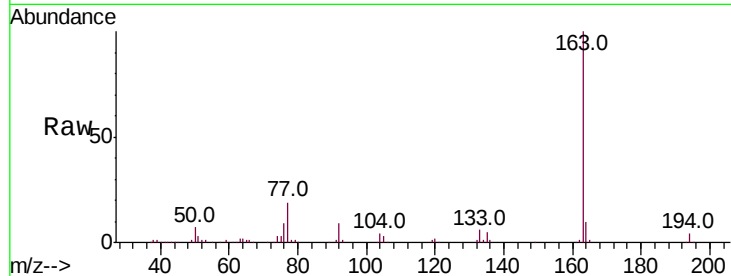




#50
Dimethylphthalate
Concen: 10.555 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.03 min
Lab File: BF114530.D
Acq: 23 May 2019 17:01

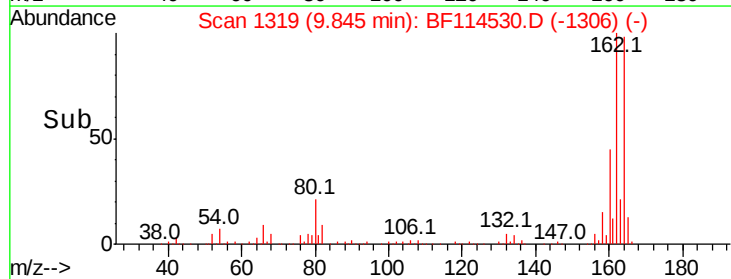
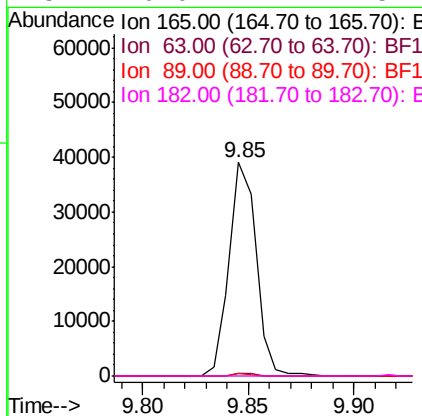
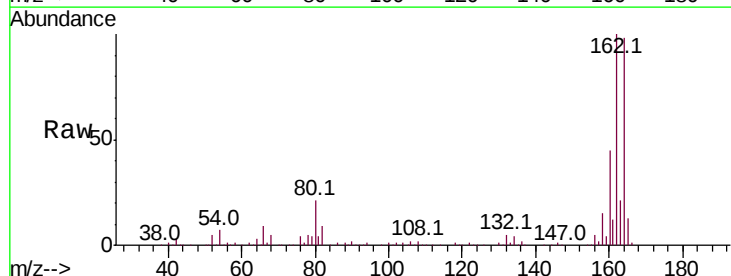
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FESB-3(4.5-5)

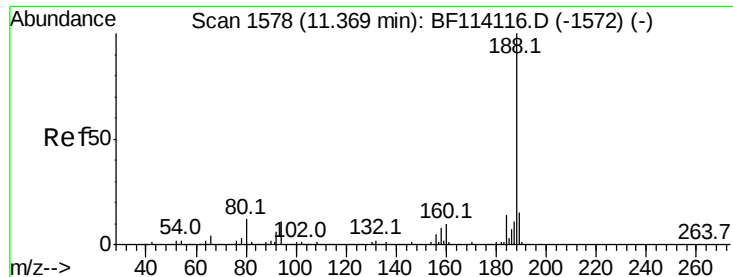
Tot Ion:163 Resp: 208202
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 9.6 8.2 12.2



#57
2,4-Dinitrotoluene
Concen: 5.854 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.22 min
Lab File: BF114530.D
Acq: 23 May 2019 17:01

Tgt Ion:165 Resp: 34762
Ion Ratio Lower Upper
165 100
63 1.1 35.5 53.3#
89 0.9 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: BF114530.D

Acq: 23 May 2019 17:01

Instrument :

BNA_F

ClientSampleId :

FESB-3(4.5-5)

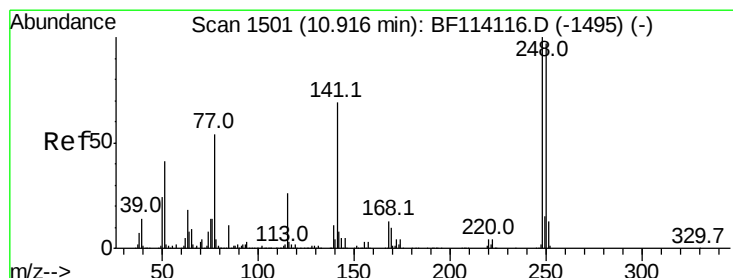
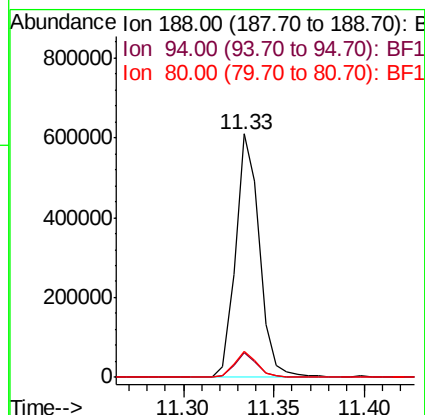
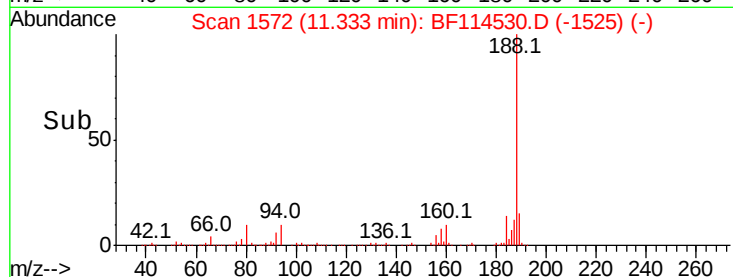
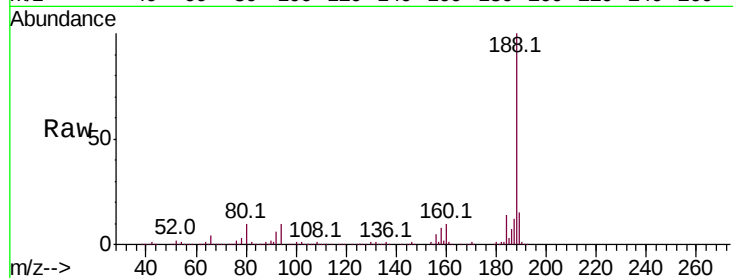
Tot Ion:188 Resp: 558066

Ion Ratio Lower Upper

188 100

94 10.2 8.4 12.6

80 10.5 9.2 13.8



#67

4-Bromophenyl-phenylether

Concen: 3.873 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.26 min

Lab File: BF114530.D

Acq: 23 May 2019 17:01

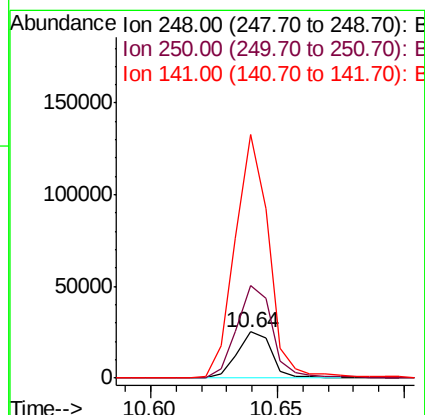
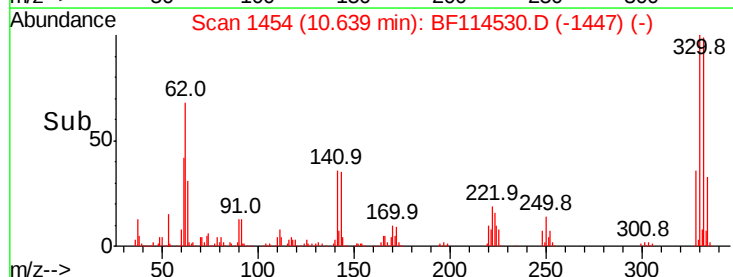
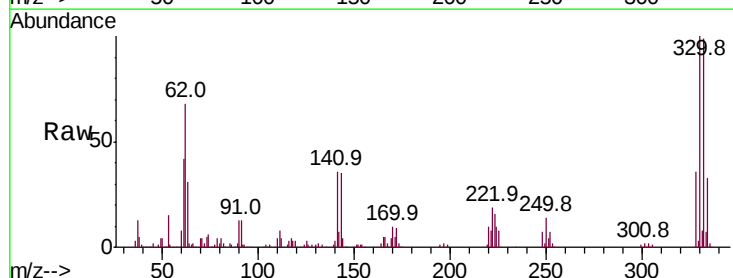
Tgt Ion:248 Resp: 23800

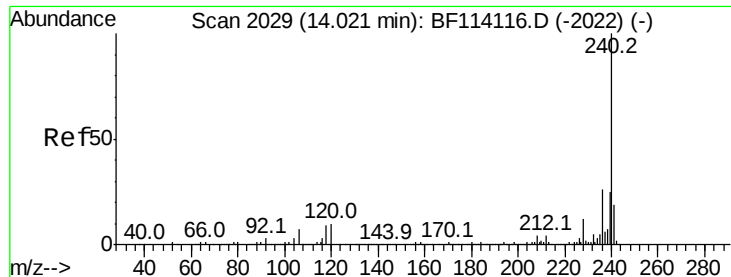
Ion Ratio Lower Upper

248 100

250 200.8 77.4 116.2#

141 525.3 55.6 83.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.02 min

Lab File: BF114530.D

Acq: 23 May 2019 17:01

Instrument :

BNA_F

ClientSampleId :

FESB-3(4.5-5)

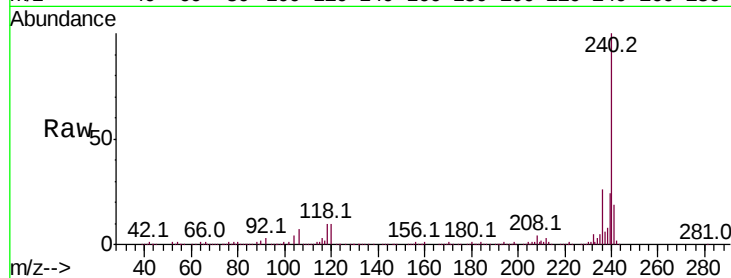
Tot Ion:240 Resp: 485762

Ion Ratio Lower Upper

240 100

120 10.4 8.3 12.5

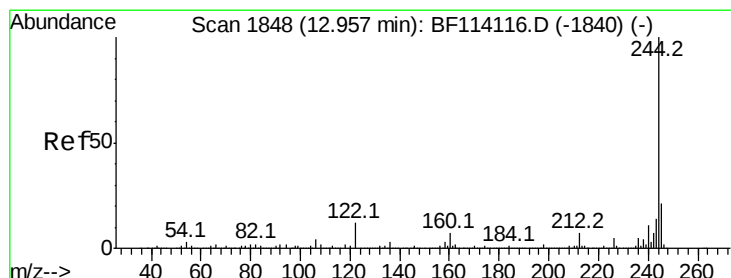
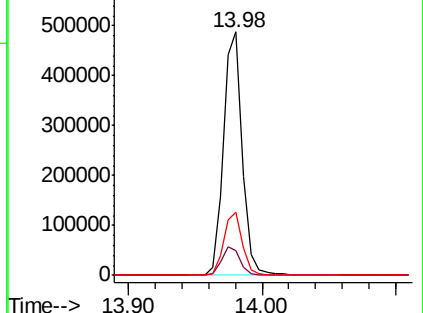
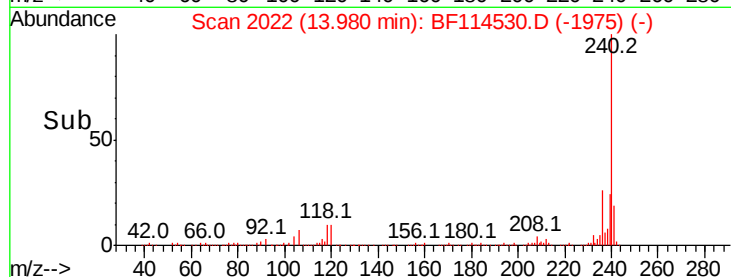
236 25.9 20.8 31.2



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: 74.143 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.02 min

Lab File: BF114530.D

Acq: 23 May 2019 17:01

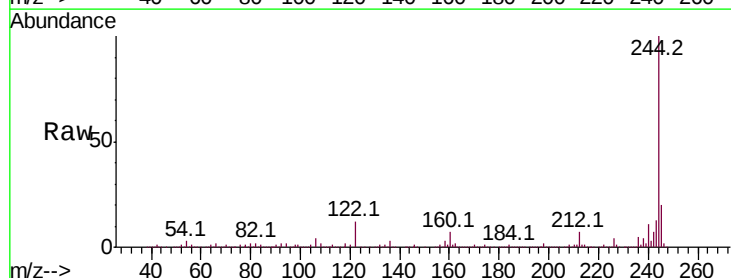
Tgt Ion:244 Resp: 1747119

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

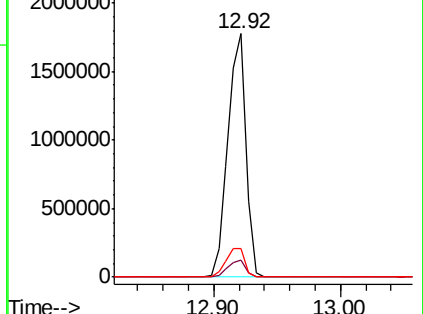
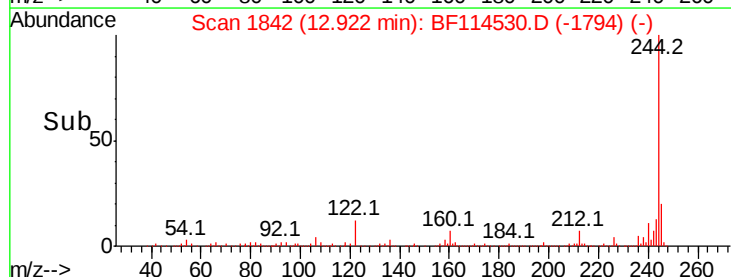
122 11.7 9.4 14.2

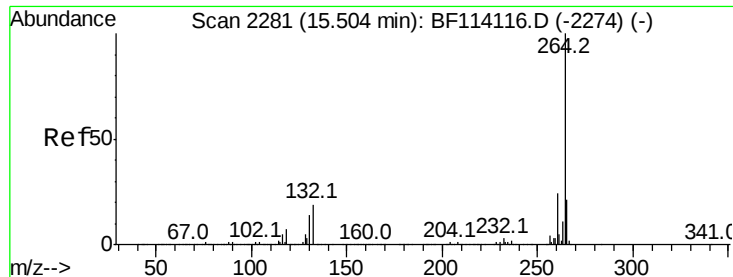


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2270
Delta R.T. -0.02 min
Lab File: BF114530.D
Acq: 23 May 2019 17:01

Instrument :
BNA_F
ClientSampleId :
FESB-3(4.5-5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.0
265	21.7	16.9	25.3

