

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052319\
 Data File : BF114527.D
 Acq On : 23 May 2019 15:41
 Operator : JU/SJ
 Sample : K2906-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FESB-09(4-4.5)

Quant Time: May 24 07:17:24 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

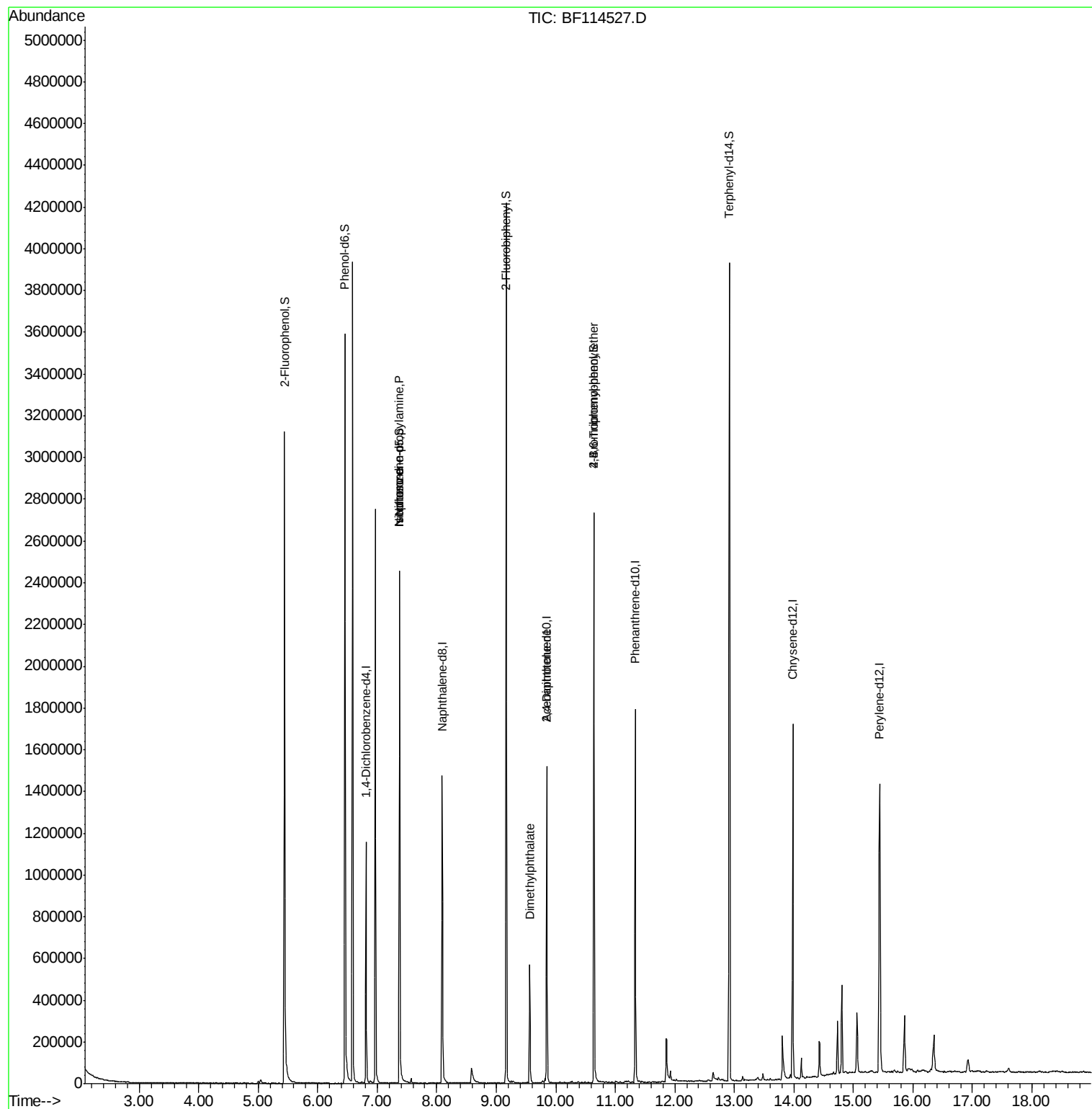
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	168149	20.00	ng	-0.03
21) Naphthalene-d8	8.09	136	656000	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	318937	20.00	ng	-0.03
64) Phenanthrene-d10	11.33	188	670519	20.00	ng	-0.02
76) Chrysene-d12	13.98	240	570585	20.00	ng	-0.02
87) Perylene-d12	15.44	264	615730	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	929135	88.92	ng	-0.03
7) Phenol-d6	6.46	99	1216369	98.43	ng	-0.03
23) Nitrobenzene-d5	7.37	82	737779	63.12	ng	-0.03
42) 2,4,6-Tribromophenol	10.64	330	309911	93.99	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	1218811	57.81	ng	-0.02
79) Terphenyl-d14	12.92	244	1424774	51.47	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	96938	12.375	ng	# 76
25) Isophorone	7.37	82	737773	34.032	ng	# 64
50) Dimethylphthalate	9.56	163	216787	9.259	ng	99
57) 2,4-Dinitrotoluene	9.85	165	40989	5.815	ng	# 25
67) 4-Bromophenyl-phenylether	10.64	248	20060	2.717	ng	# 1

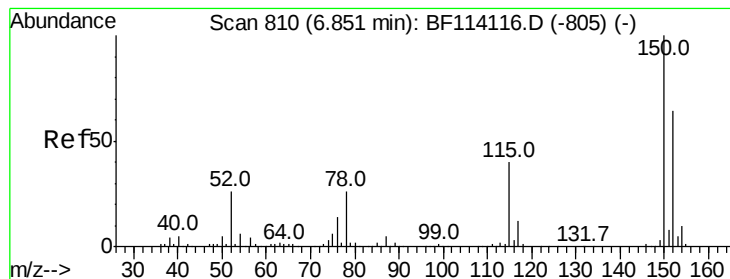
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



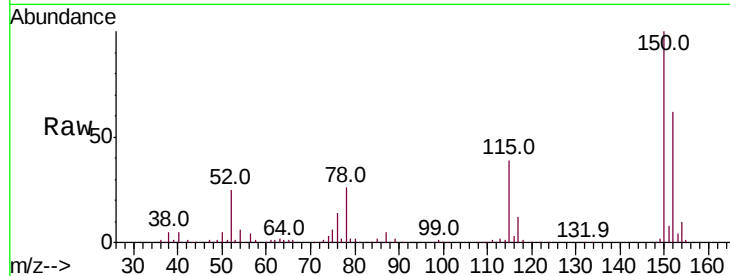


#1

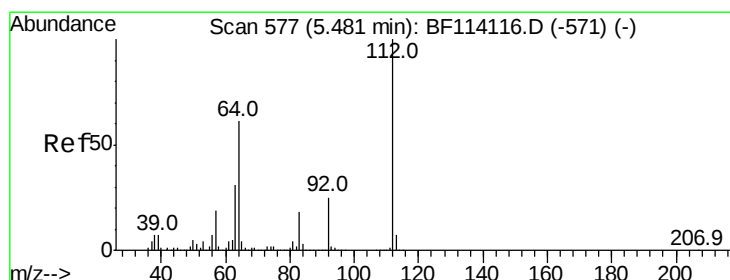
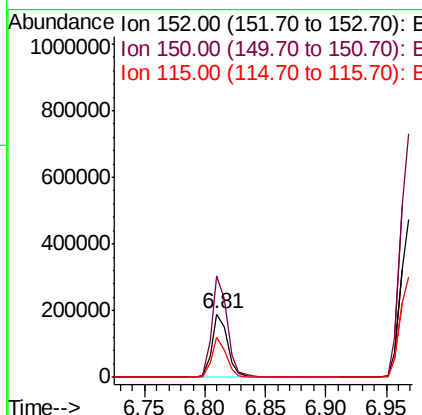
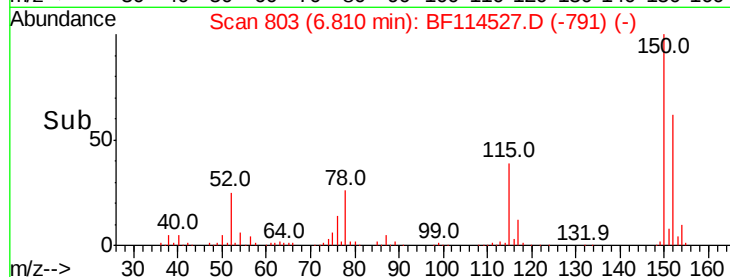
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.03 min
Lab File: BF114527.D
Acq: 23 May 2019 15:41

Instrument :
BNA_F
ClientSampleId :
FESB-09(4-4.5)

Tot Ion:152 Resp: 168149
Ion Ratio Lower Upper
152 100
150 160.7 124.3 186.5
115 62.6 49.1 73.7



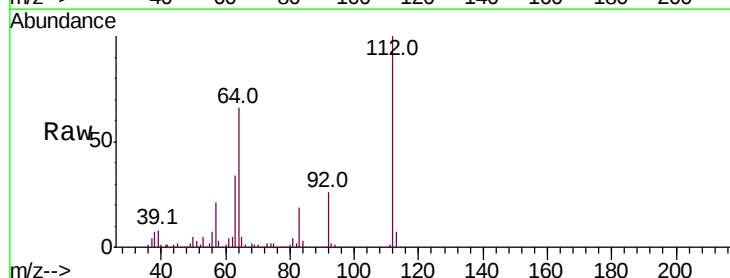
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



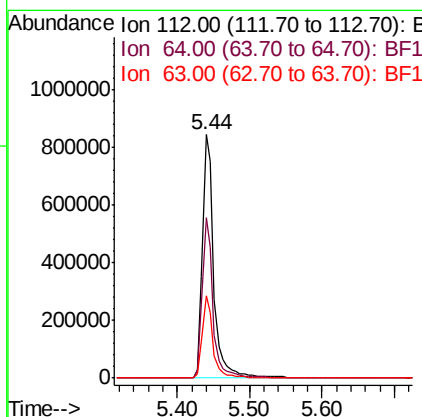
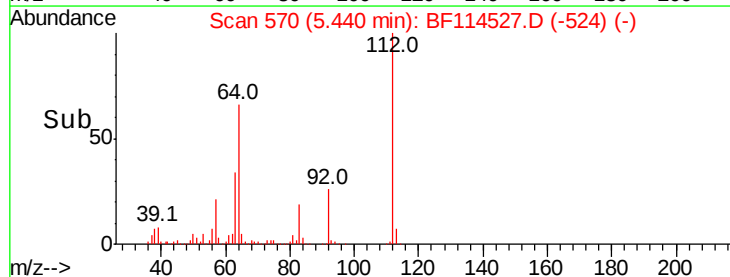
#5

2-Fluorophenol
Concen: 88.922 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.03 min
Lab File: BF114527.D
Acq: 23 May 2019 15:41

Tgt Ion:112 Resp: 929135
Ion Ratio Lower Upper
112 100
64 65.8 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: 98.426 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.03 min

Lab File: BF114527.D

Acq: 23 May 2019 15:41

Instrument :

BNA_F

ClientSampleId :

FESB-09(4-4.5)

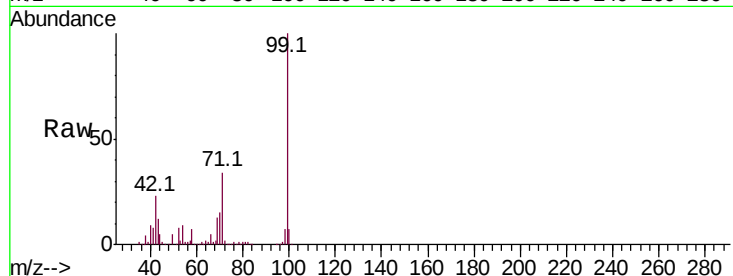
Tot Ion: 99 Resp: 1216369

Ion Ratio Lower Upper

99 100

42 22.7 17.9 26.9

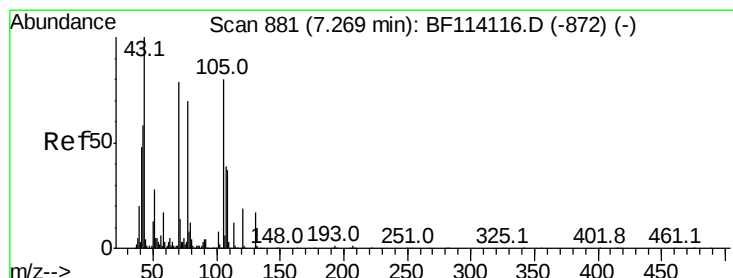
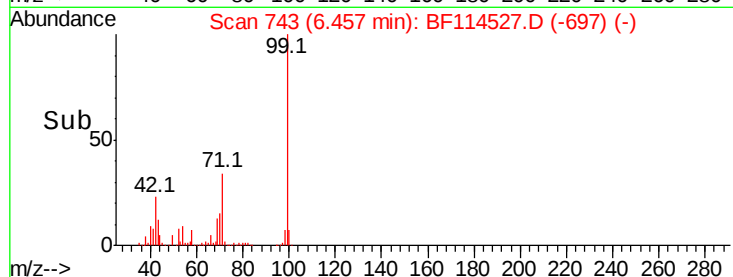
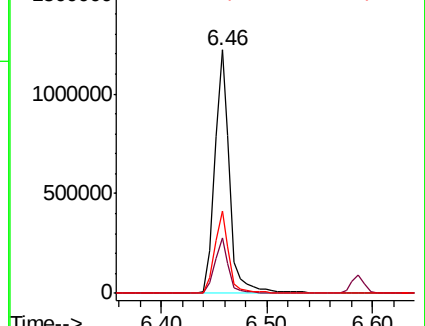
71 33.8 26.2 39.2



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: 12.375 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.12 min

Lab File: BF114527.D

Acq: 23 May 2019 15:41

Tgt Ion: 70 Resp: 96938

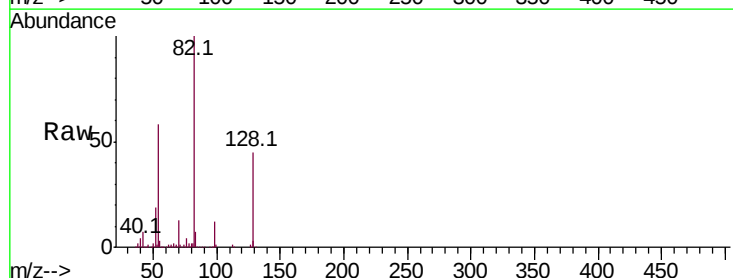
Ion Ratio Lower Upper

70 100

42 57.0 58.6 87.8#

101 0.0 7.8 11.8#

130 2.0 17.1 25.7#

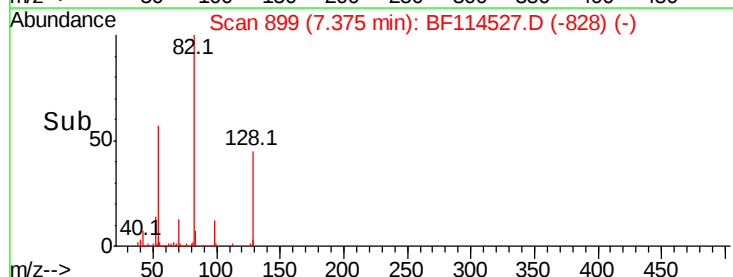
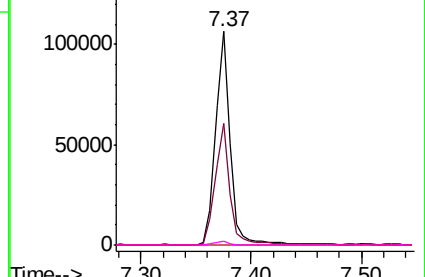


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF114527.D

Acq: 23 May 2019 15:41

Instrument :

BNA_F

ClientSampleId :

FESB-09(4-4.5)

Tot Ion:136 Resp: 656000

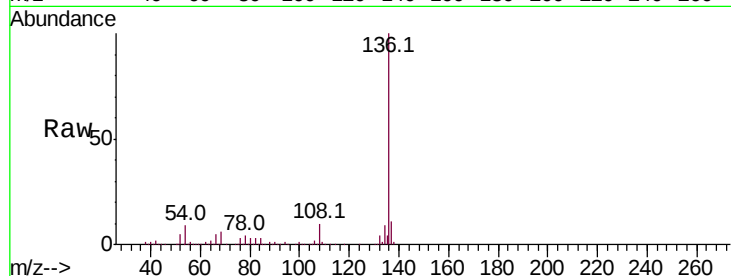
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 9.2 7.8 11.8

68 6.0 5.1 7.7

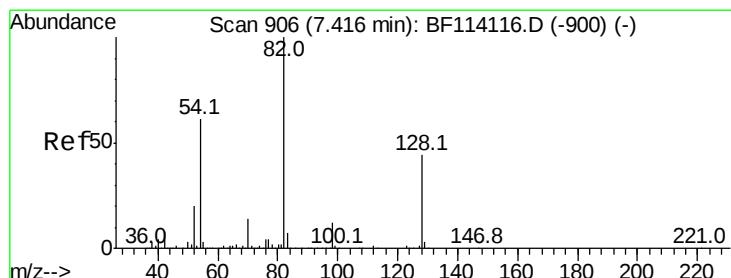
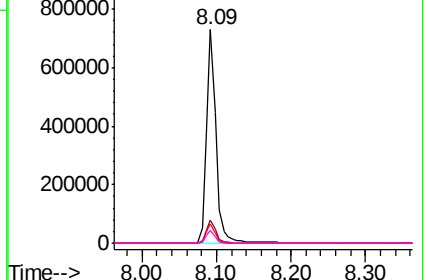
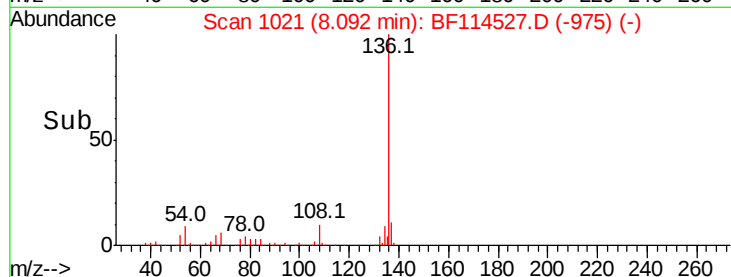


Abundance Ion 136.00 (135.70 to 136.70): E

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: 63.116 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.03 min

Lab File: BF114527.D

Acq: 23 May 2019 15:41

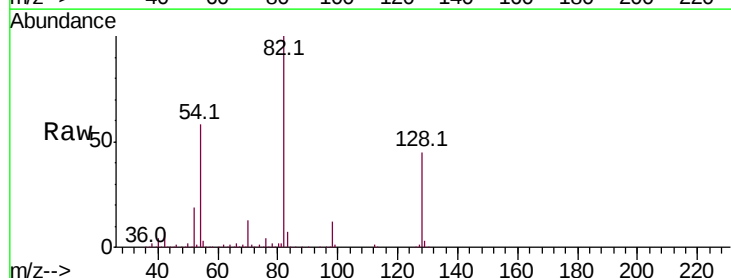
Tgt Ion: 82 Resp: 737779

Ion Ratio Lower Upper

82 100

128 45.3 35.5 53.3

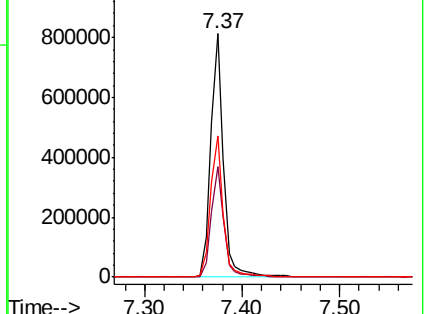
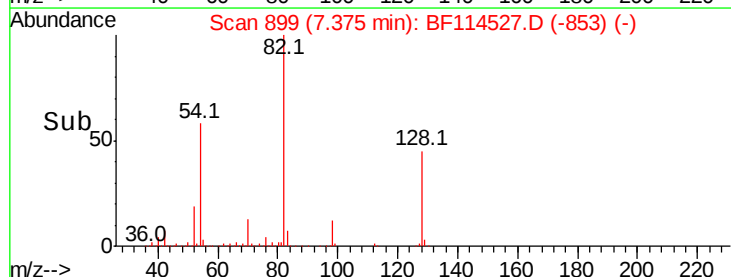
54 58.0 48.5 72.7



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: 34.032 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.29 min

Lab File: BF114527.D

Acq: 23 May 2019 15:41

Instrument :

BNA_F

ClientSampleId :

FESB-09(4-4.5)

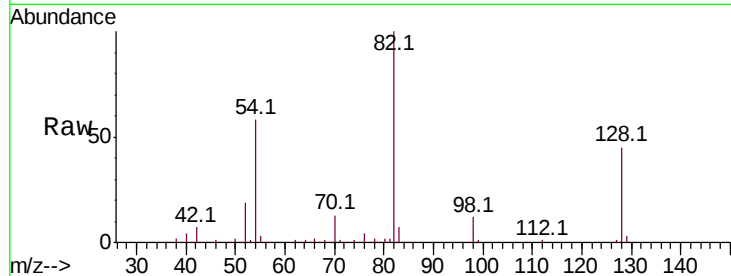
Tot Ion: 82 Resp: 737773

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

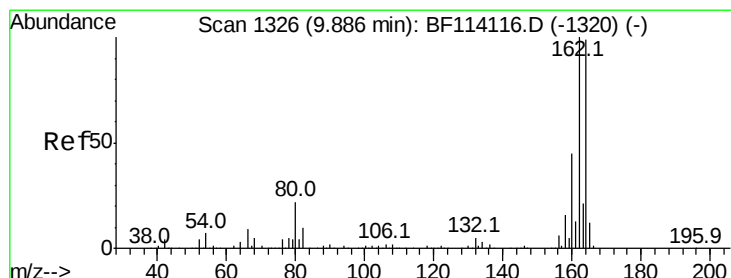
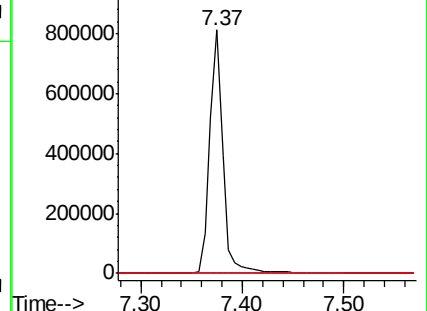
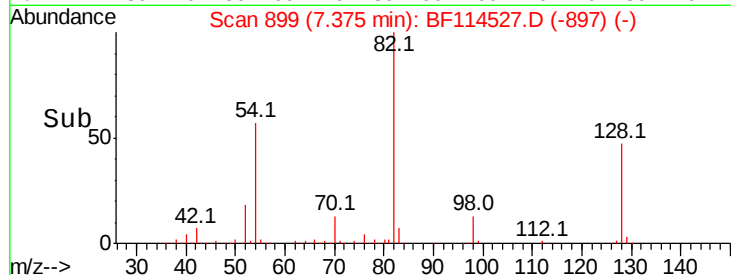
138 0.0 14.8 22.2#



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. -0.03 min

Lab File: BF114527.D

Acq: 23 May 2019 15:41

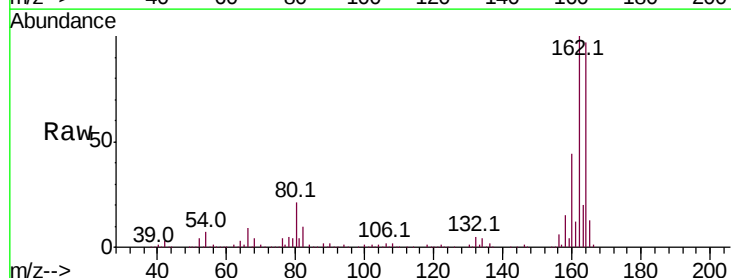
Tgt Ion:164 Resp: 318937

Ion Ratio Lower Upper

164 100

162 102.6 80.6 120.8

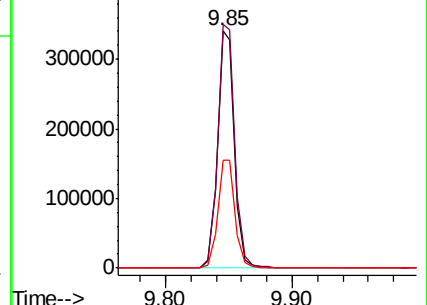
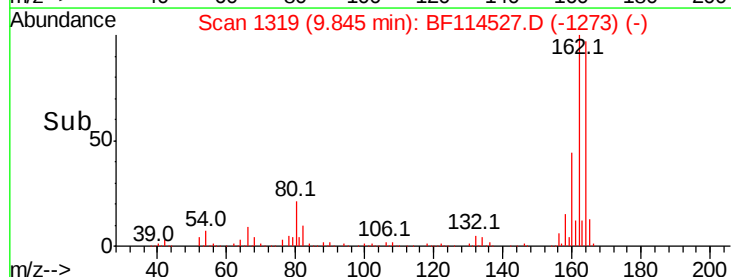
160 45.4 36.5 54.7



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

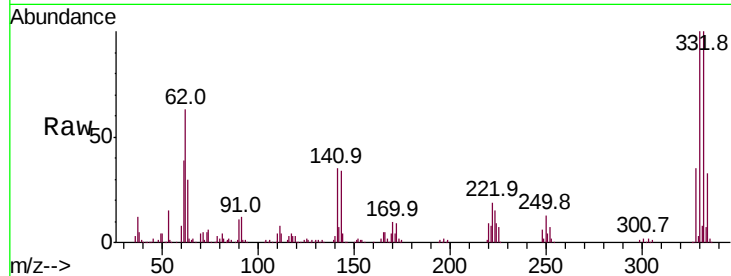




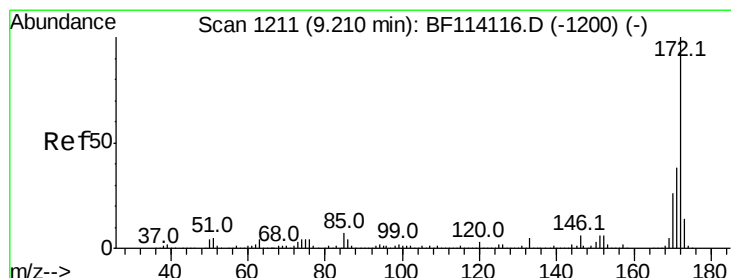
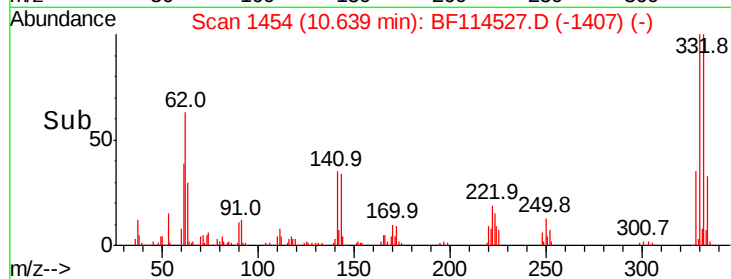
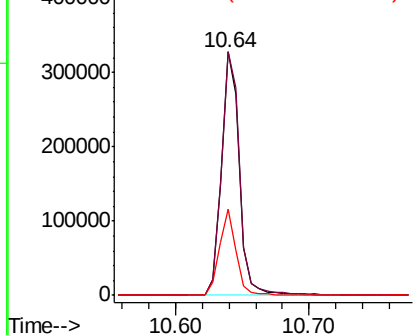
#42
 2,4,6-Tribromophenol
 Concen: 93.990 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.02 min
 Lab File: BF114527.D
 Acq: 23 May 2019 15:41

Instrument :
 BNA_F
 ClientSampleId :
 FESB-09(4-4.5)

Tot Ion	Ratio	Lower	Upper
330	100		
332	101.5	81.4	122.2
141	33.2	26.6	40.0

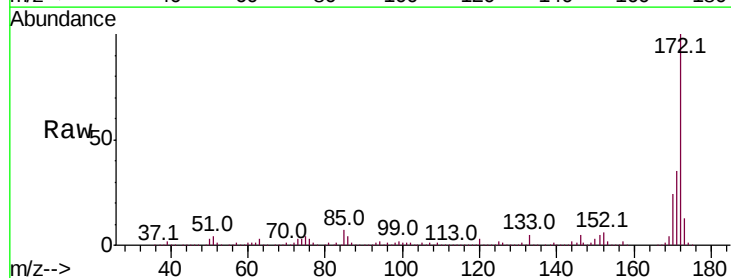


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

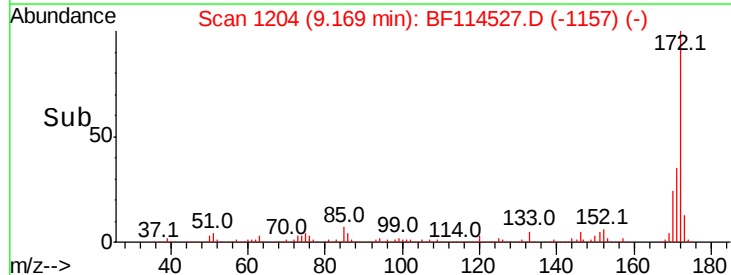
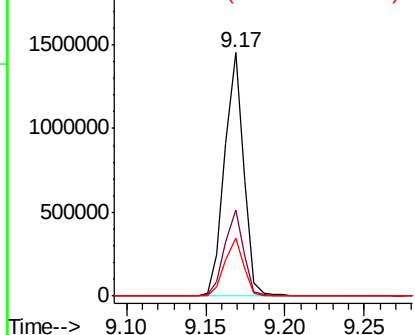


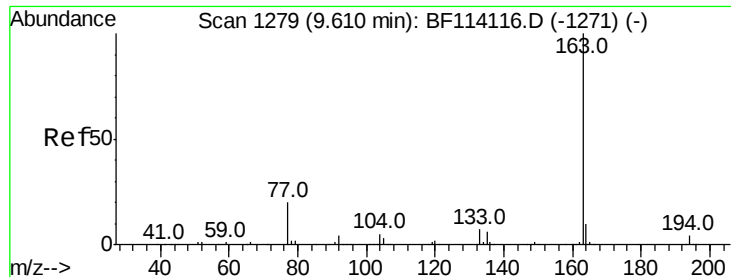
#45
 2-Fluorobiphenyl
 Concen: 57.806 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.02 min
 Lab File: BF114527.D
 Acq: 23 May 2019 15:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	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: 9.259 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.03 min

Lab File: BF114527.D

Acq: 23 May 2019 15:41

Instrument :

BNA_F

ClientSampleId :

FESB-09(4-4.5)

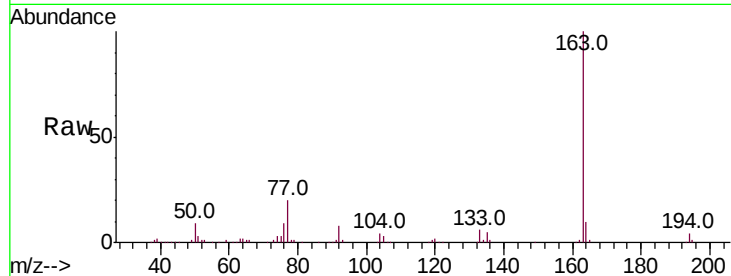
Tot Ion:163 Resp: 216787

Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.0

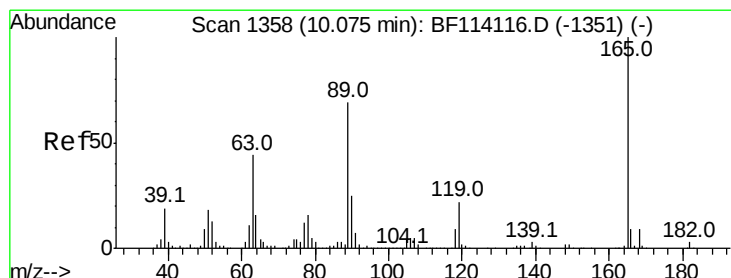
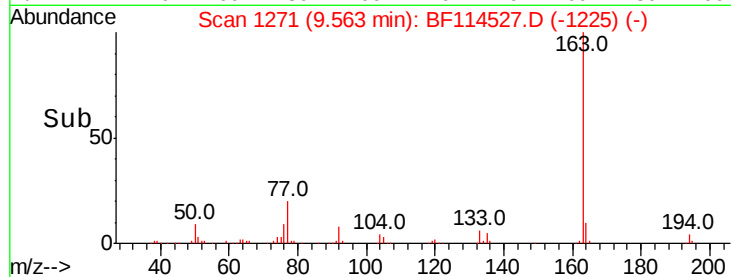
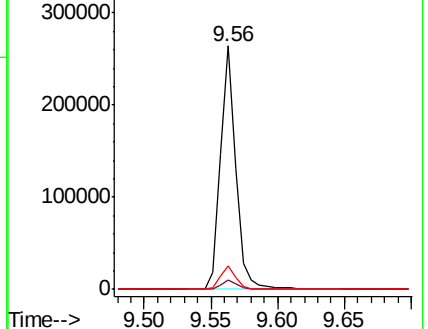
164 9.7 8.2 12.2



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: 5.815 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.22 min

Lab File: BF114527.D

Acq: 23 May 2019 15:41

Tgt Ion:165 Resp: 40989

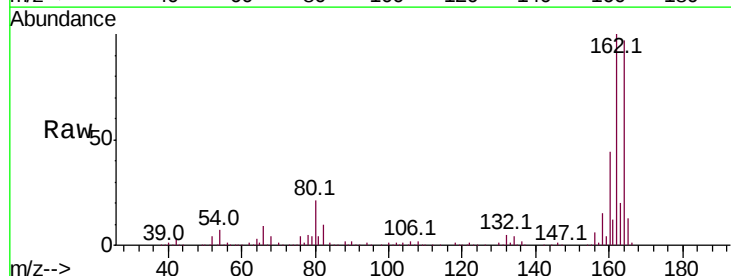
Ion Ratio Lower Upper

165 100

63 1.2 35.5 53.3#

89 1.4 55.2 82.8#

182 0.0 2.2 3.2#

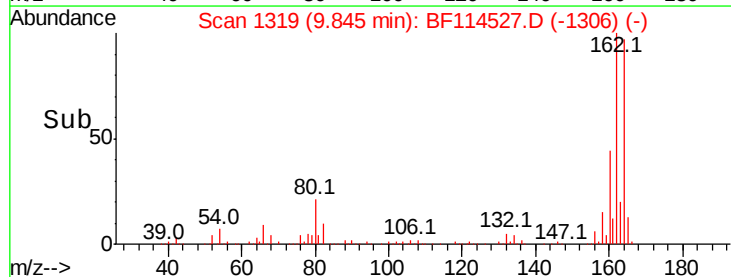
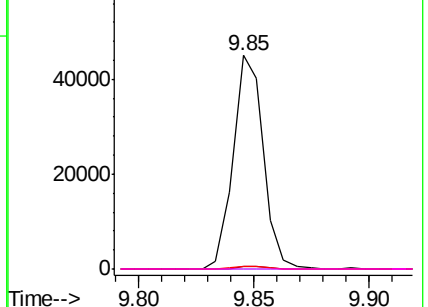


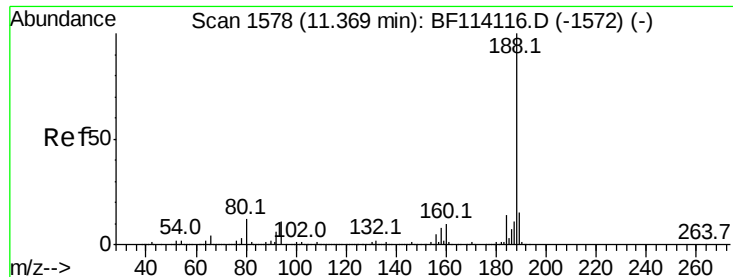
Abundance Ion 165.00 (164.70 to 165.70): E

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

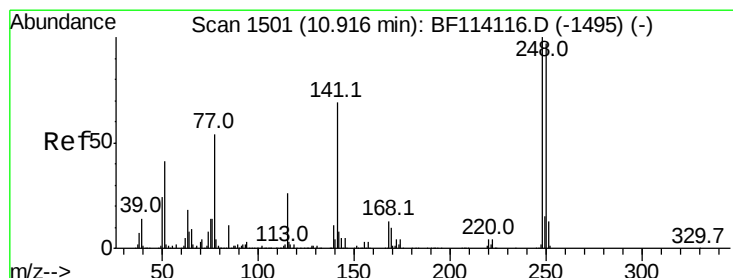
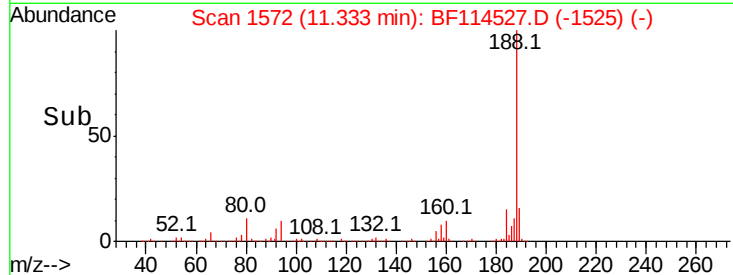
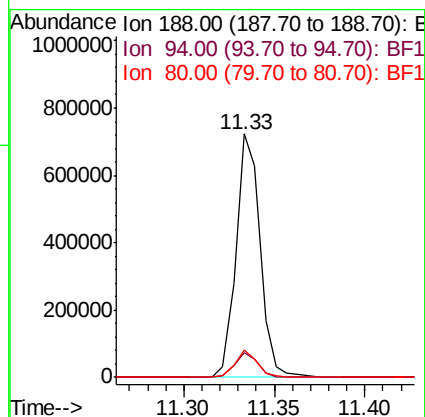
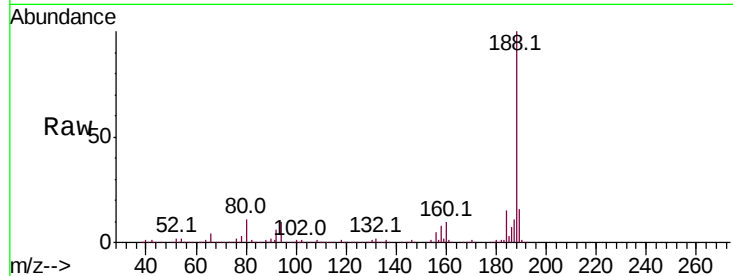




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.02 min
Lab File: BF114527.D
Acq: 23 May 2019 15:41

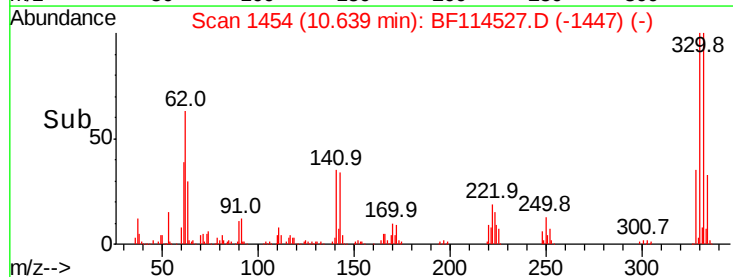
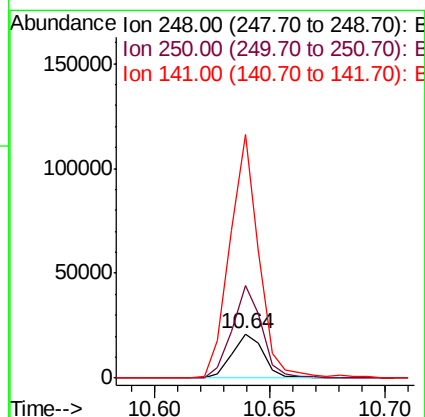
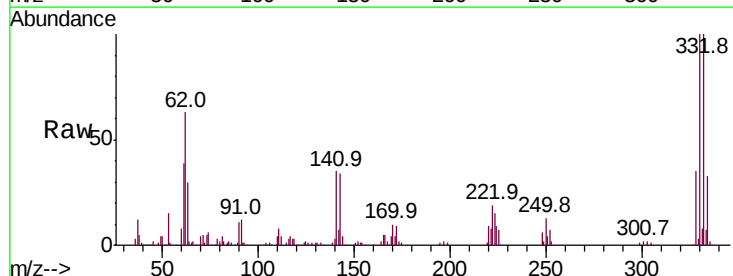
Instrument :
BNA_F
ClientSampleId :
FESB-09(4-4.5)

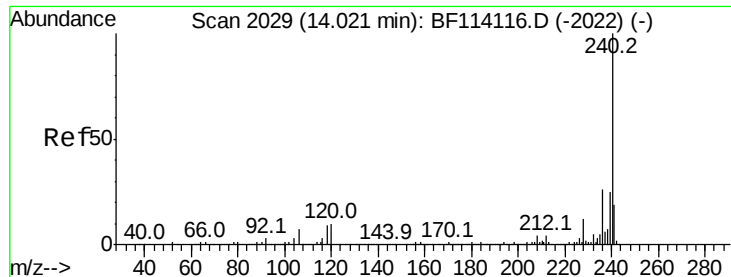
Tot Ion:188 Resp: 670519
Ion Ratio Lower Upper
188 100
94 10.4 8.4 12.6
80 11.2 9.2 13.8



#67
4-Bromophenyl-phenylether
Concen: 2.717 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.26 min
Lab File: BF114527.D
Acq: 23 May 2019 15:41

Tgt Ion:248 Resp: 20060
Ion Ratio Lower Upper
248 100
250 208.8 77.4 116.2#
141 551.8 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: BF114527.D

Acq: 23 May 2019 15:41

Instrument :

BNA_F

ClientSampleId :

FESB-09(4-4.5)

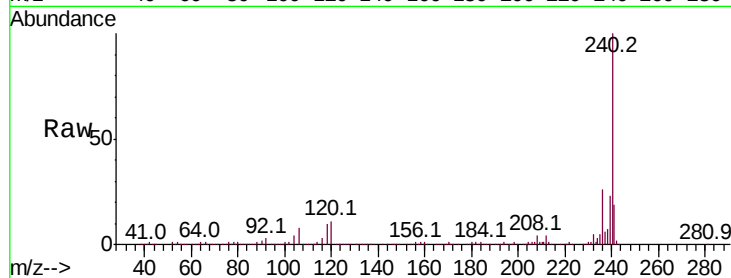
Tot Ion:240 Resp: 570585

Ion Ratio Lower Upper

240 100

120 11.4 8.3 12.5

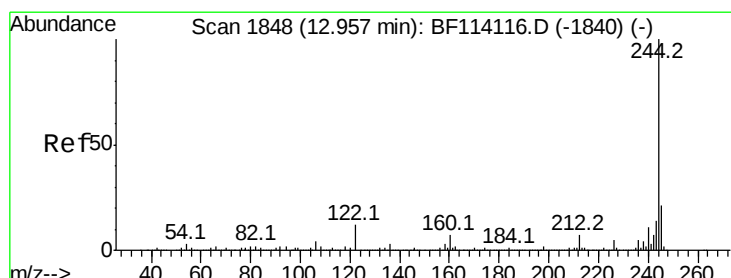
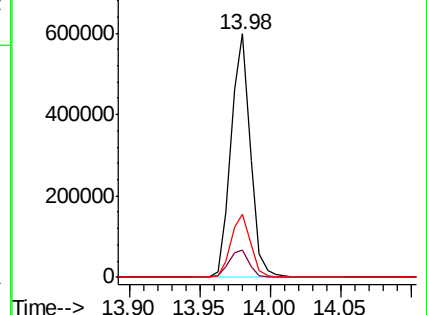
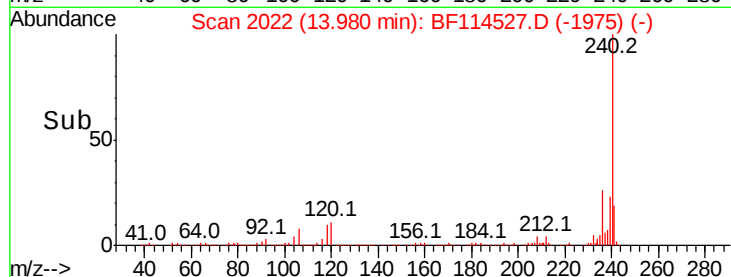
236 26.2 20.8 31.2



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: 51.475 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.02 min

Lab File: BF114527.D

Acq: 23 May 2019 15:41

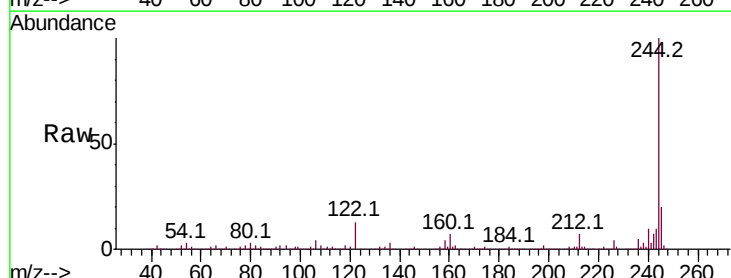
Tgt Ion:244 Resp: 1424774

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

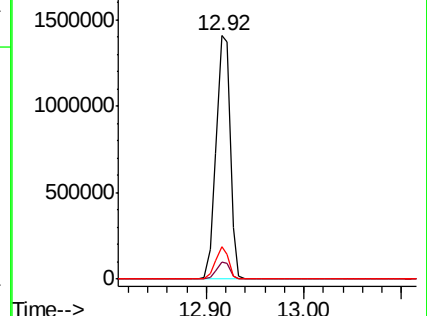
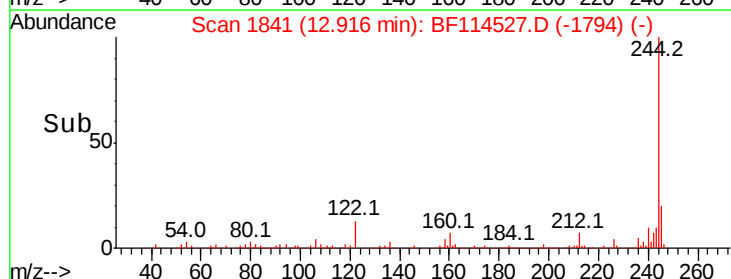
122 13.2 9.4 14.2

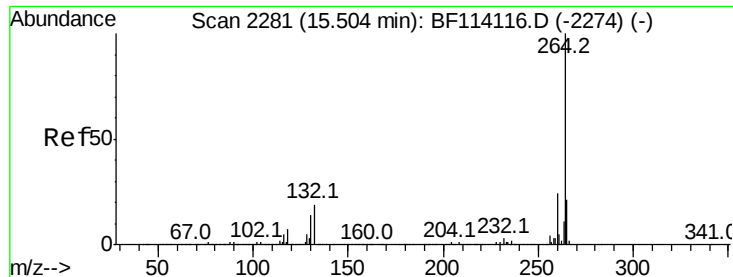


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF114527.D
 Acq: 23 May 2019 15:41

Instrument :
 BNA_F
 ClientSampleId :
 FESB-09(4-4.5)

Tot Ion: 264 Resp: 615730
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.4 29.0
 265 21.0 16.9 25.3

