

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
 Data File : BF114566.D
 Acq On : 24 May 2019 13:30
 Operator : JU/SJ
 Sample : K2944-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FESB-4(5-5.5)

Quant Time: May 24 22:34:08 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

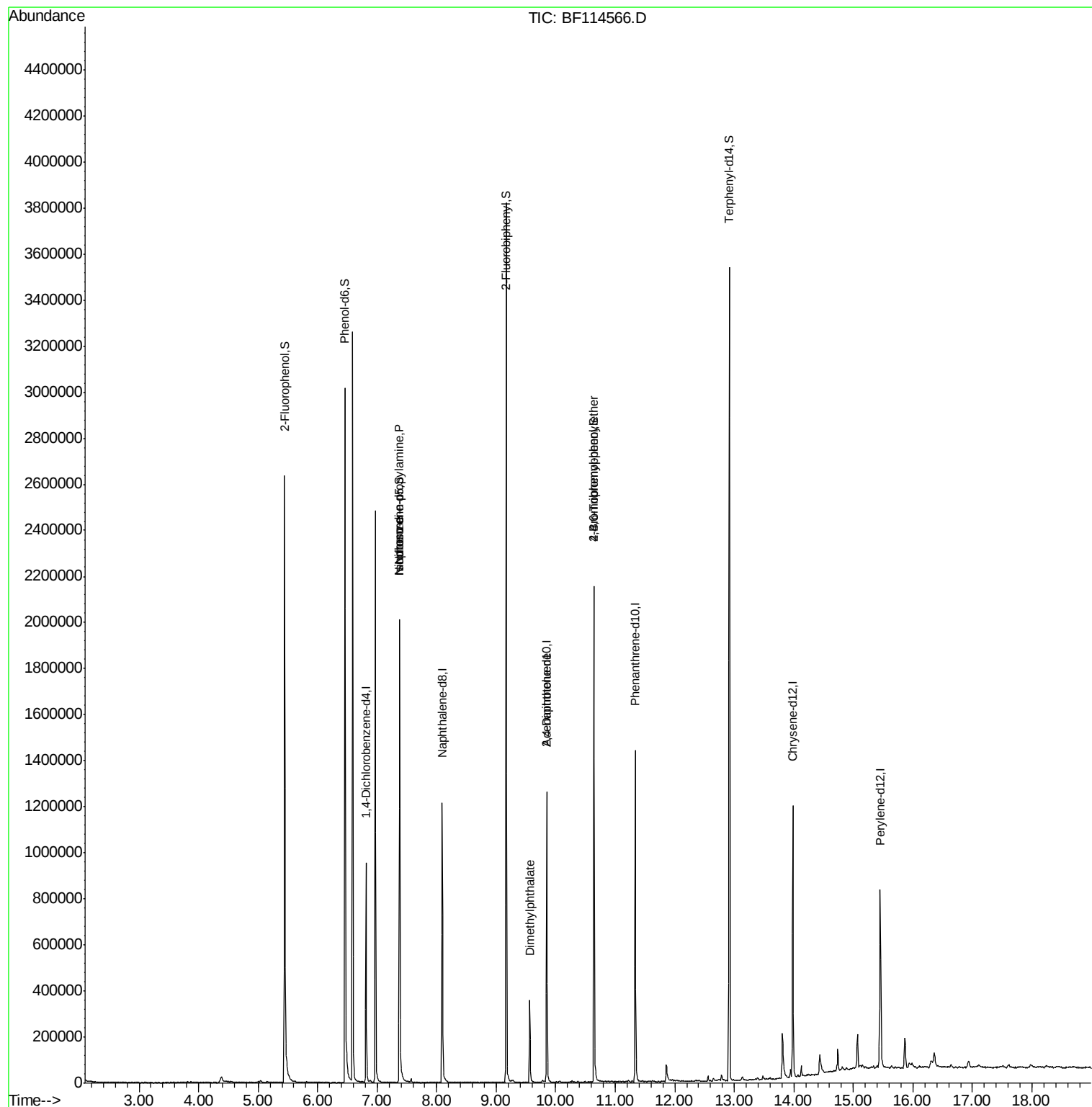
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	144736	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	563337	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	269352	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	557995	20.00	ng	0.00
76) Chrysene-d12	13.98	240	394267	20.00	ng	0.00
87) Perylene-d12	15.46	264	394135	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	800363	88.99	ng	0.00
7) Phenol-d6	6.46	99	1054542	99.14	ng	0.00
23) Nitrobenzene-d5	7.37	82	622122	61.98	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	255086	91.60	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1123231	63.08	ng	0.00
79) Terphenyl-d14	12.92	244	1217389	63.65	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	81875	12.143	ng	# 76
25) Isophorone	7.37	82	622119	33.417	ng	# 64
50) Dimethylphthalate	9.56	163	141285	7.145	ng	99
57) 2,4-Dinitrotoluene	9.85	165	33861	5.688	ng	# 25
67) 4-Bromophenyl-phenylether	10.64	248	16248	2.645	ng	# 1

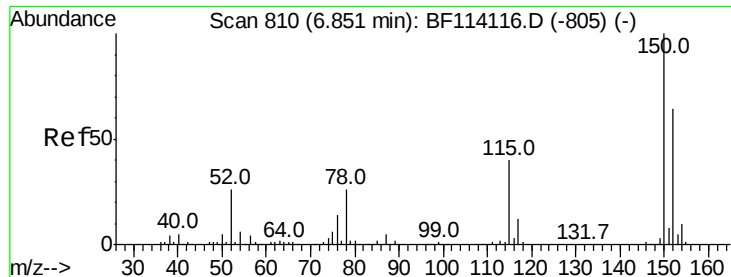
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
Data File : BF114566.D
Acq On : 24 May 2019 13:30
Operator : JU/SJ
Sample : K2944-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FESB-4(5-5.5)

Quant Time: May 24 22:34:08 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



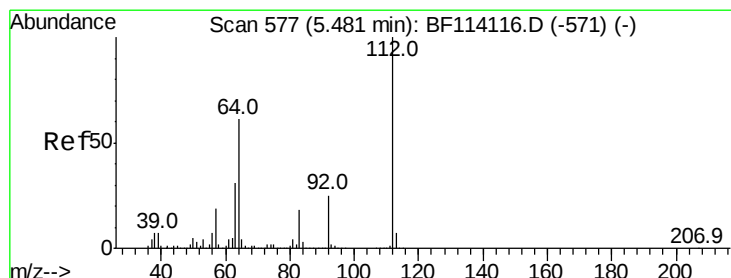
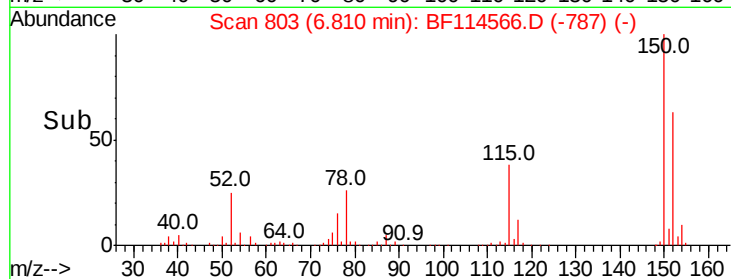
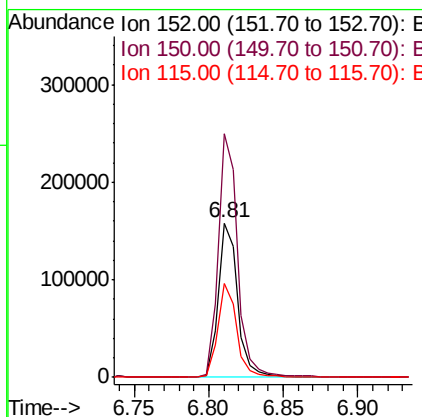
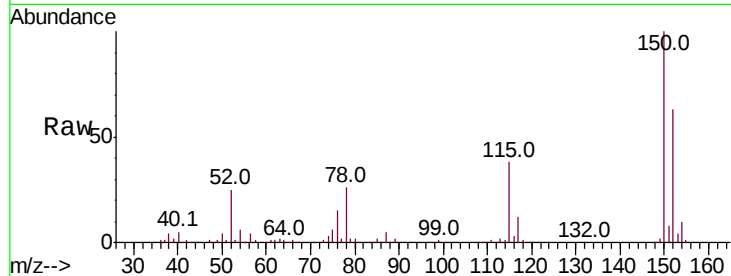


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF114566.D
Acq: 24 May 2019 13:30

Instrument :
BNA_F
ClientSampleId :
FESB-4(5-5.5)

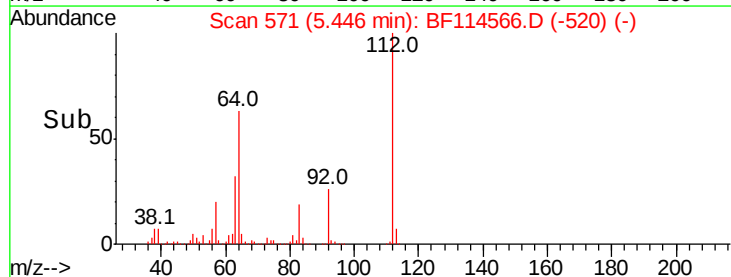
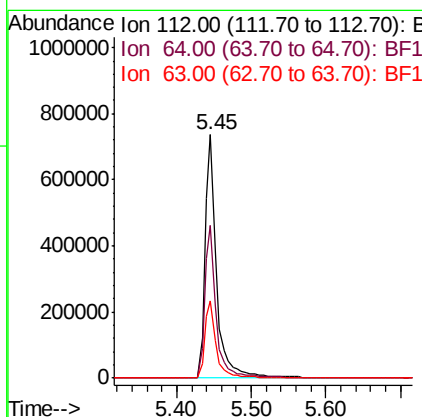
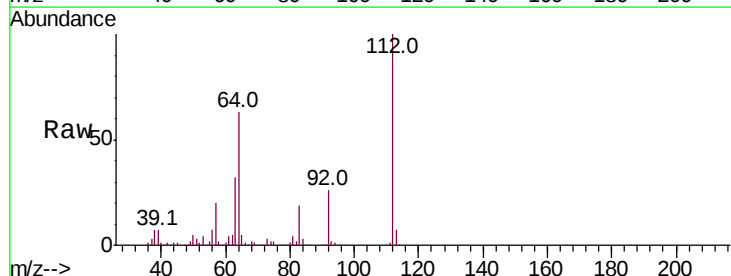
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.3	186.5
115	60.7	49.1	73.7



#5

2-Fluorophenol
Concen: 88.989 ng
RT: 5.45 min Scan# 571
Delta R.T. -0.00 min
Lab File: BF114566.D
Acq: 24 May 2019 13:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.6	49.0	73.6
63	32.0	24.6	37.0





#7

Phenol-d6

Concen: 99.135 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF114566.D

Acq: 24 May 2019 13:30

Instrument :

BNA_F

ClientSampleId :

FESB-4(5-5.5)

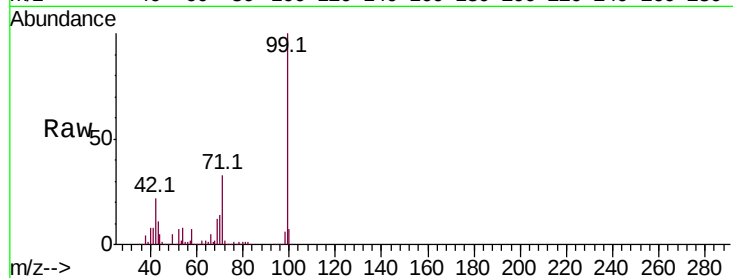
Tot Ion: 99 Resp: 1054542

Ion Ratio Lower Upper

99 100

42 22.0 17.9 26.9

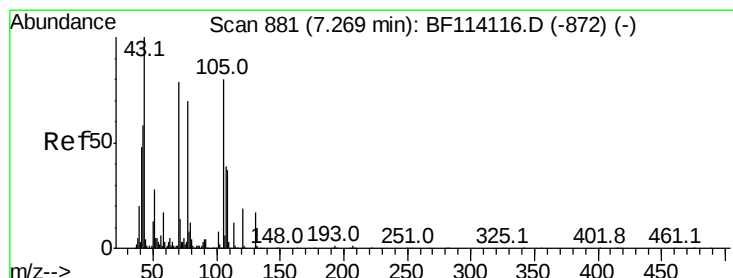
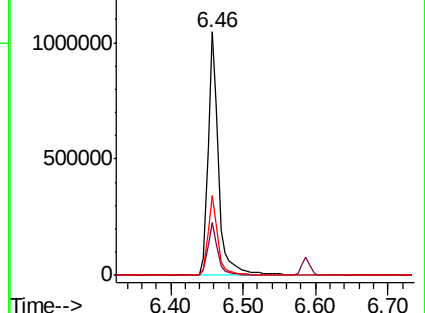
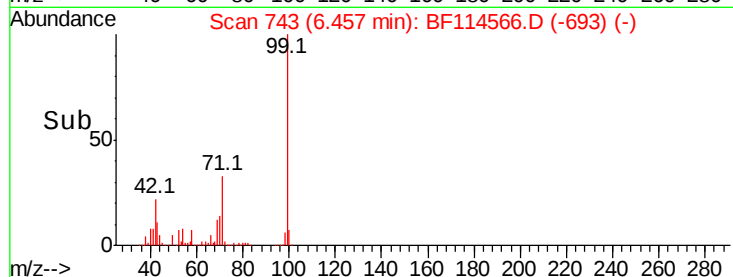
71 32.7 26.2 39.2



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: 12.143 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF114566.D

Acq: 24 May 2019 13:30

Tgt Ion: 70 Resp: 81875

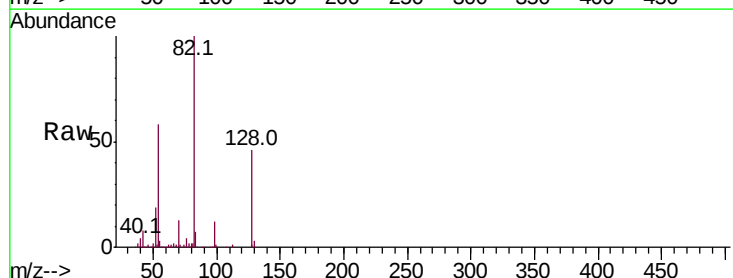
Ion Ratio Lower Upper

70 100

42 57.0 58.6 87.8#

101 0.0 7.8 11.8#

130 2.3 17.1 25.7#

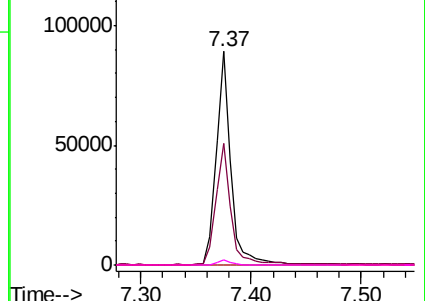
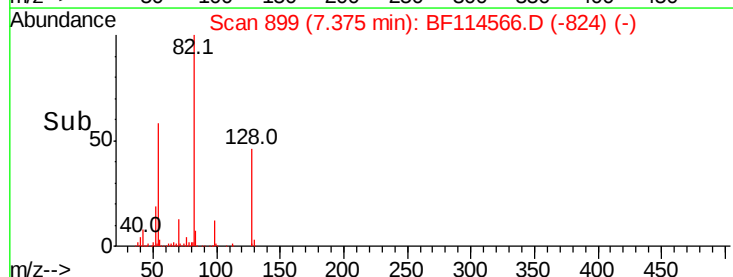


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF114566.D

Acq: 24 May 2019 13:30

Instrument :

BNA_F

ClientSampleId :

FESB-4(5-5.5)

Tot Ion:136 Resp: 563337

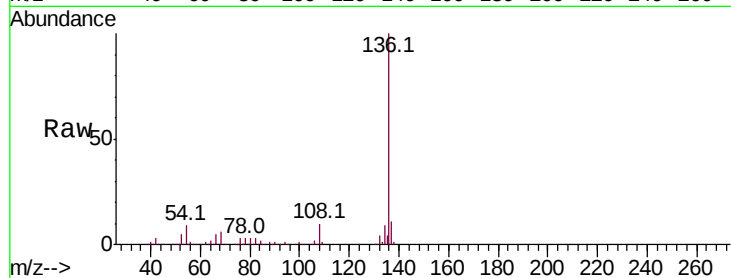
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 9.1 7.8 11.8

68 5.8 5.1 7.7

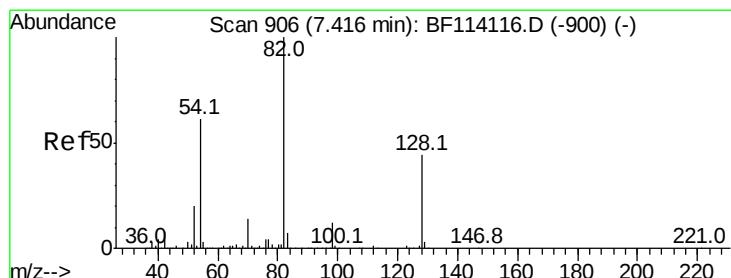
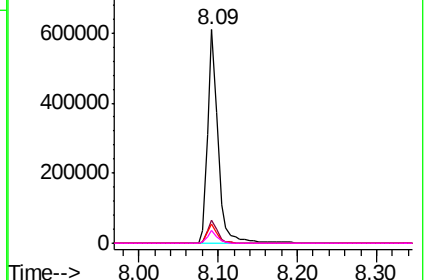
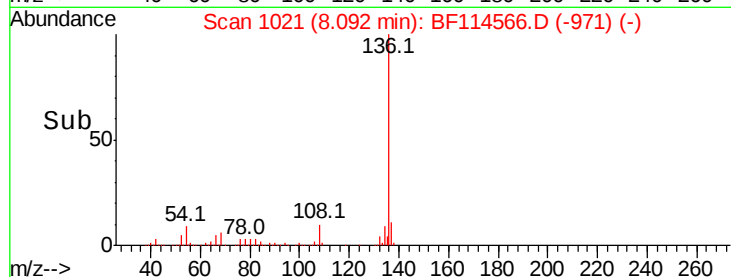


Abundance Ion 136.00 (135.70 to 136.70): E

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: 61.976 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF114566.D

Acq: 24 May 2019 13:30

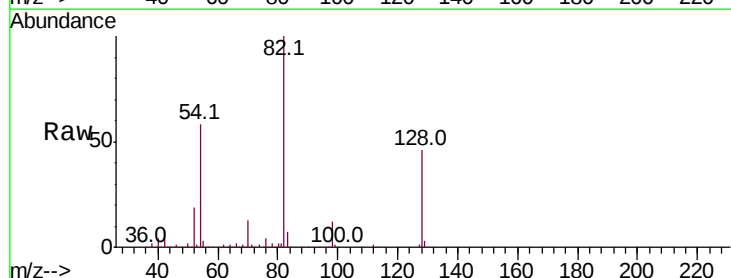
Tgt Ion: 82 Resp: 622122

Ion Ratio Lower Upper

82 100

128 45.6 35.5 53.3

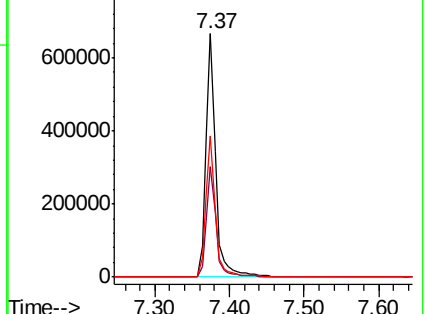
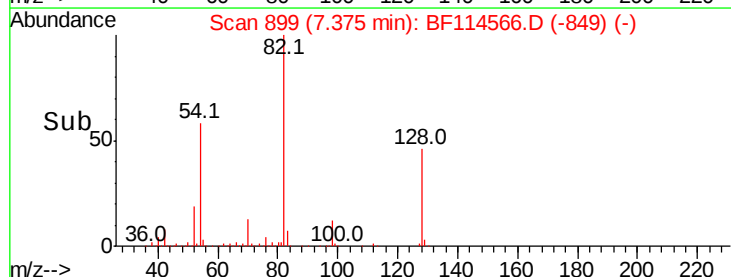
54 57.8 48.5 72.7



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: 33.417 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF114566.D

Acq: 24 May 2019 13:30

Instrument :

BNA_F

ClientSampleId :

FESB-4(5-5.5)

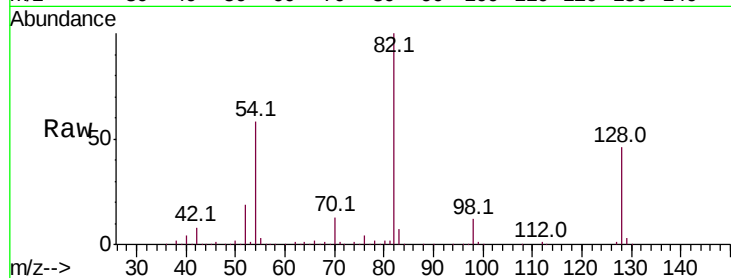
Tot Ion: 82 Resp: 622119

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

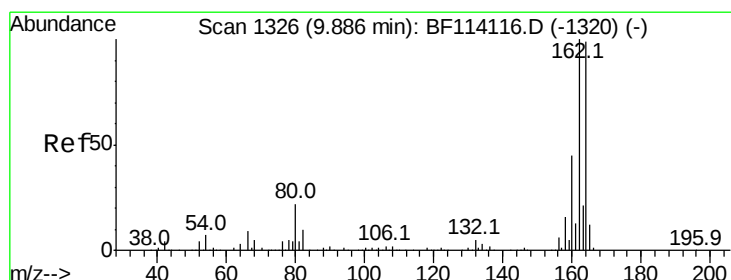
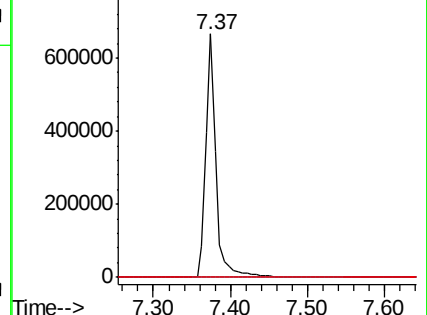
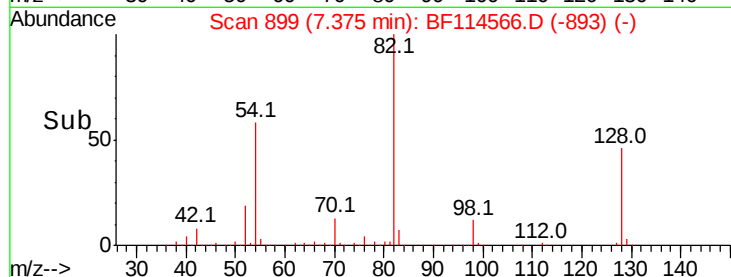
138 0.0 14.8 22.2#



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: BF114566.D

Acq: 24 May 2019 13:30

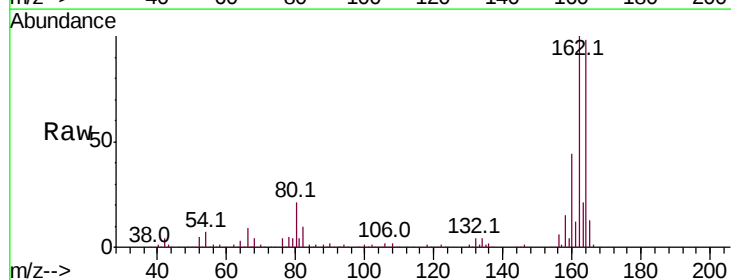
Tgt Ion:164 Resp: 269352

Ion Ratio Lower Upper

164 100

162 101.8 80.6 120.8

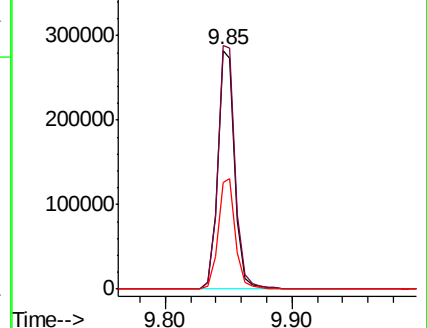
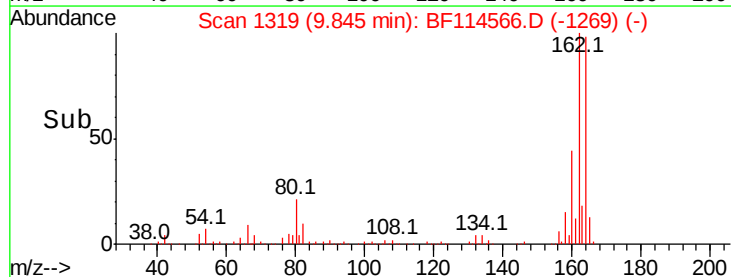
160 44.6 36.5 54.7

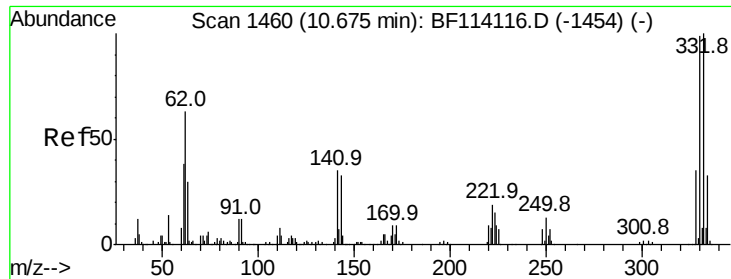


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 91.604 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF114566.D

Acq: 24 May 2019 13:30

Instrument :

BNA_F

ClientSampleId :

FESB-4(5-5.5)

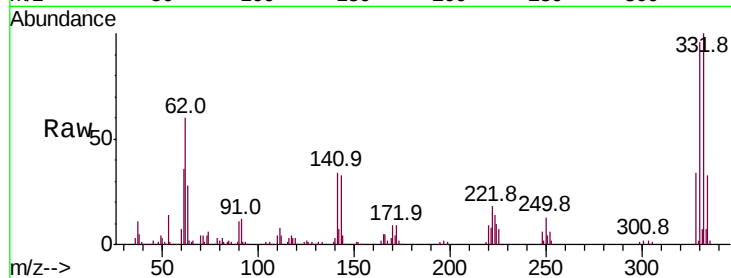
Tot Ion:330 Resp: 255086

Ion Ratio Lower Upper

330 100

332 103.5 81.4 122.2

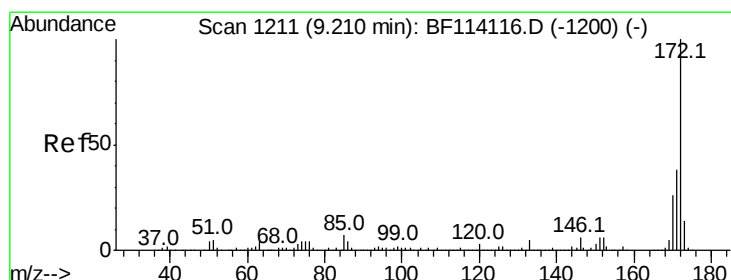
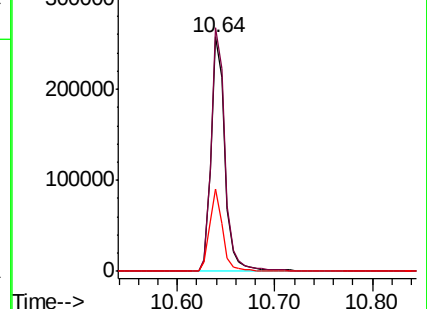
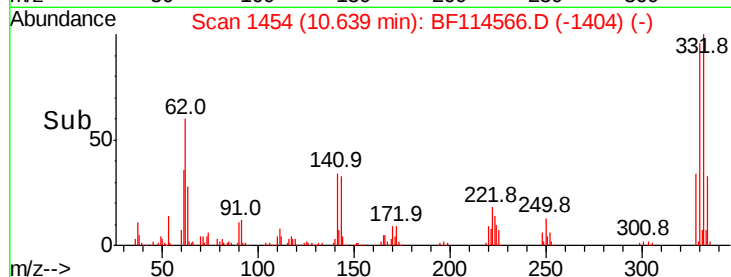
141 33.1 26.6 40.0



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: 63.080 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF114566.D

Acq: 24 May 2019 13:30

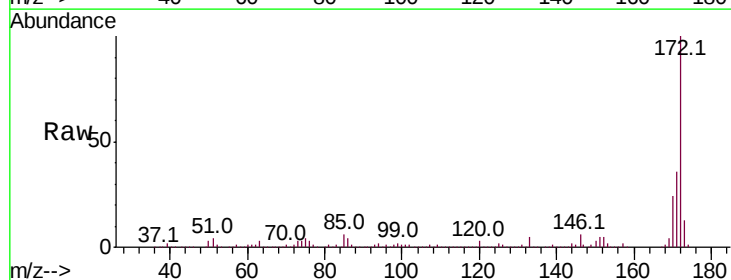
Tgt Ion:172 Resp: 1123231

Ion Ratio Lower Upper

172 100

171 35.8 30.7 46.1

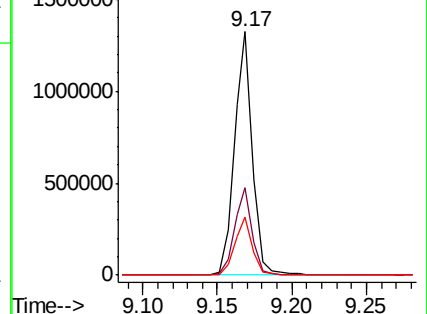
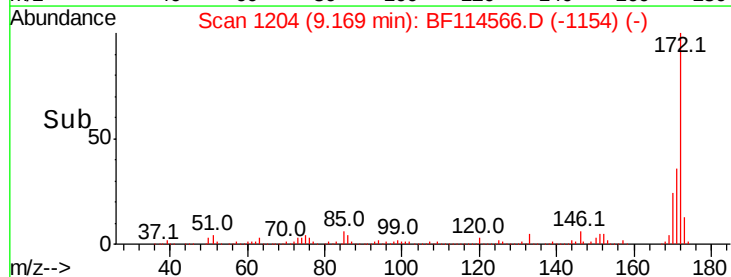
170 23.9 20.5 30.7

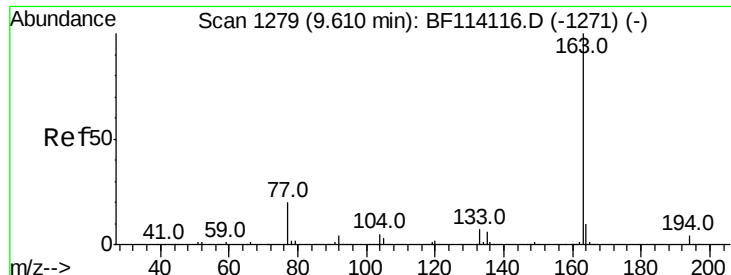


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 7.145 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF114566.D

Acq: 24 May 2019 13:30

Instrument :

BNA_F

ClientSampleId :

FESB-4(5-5.5)

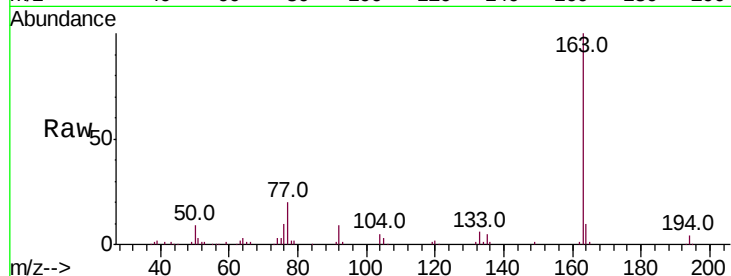
Tot Ion:163 Resp: 141285

Ion Ratio Lower Upper

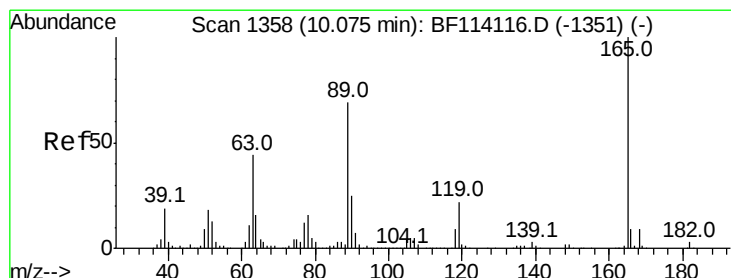
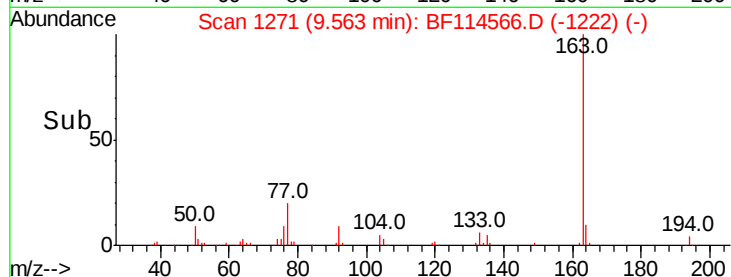
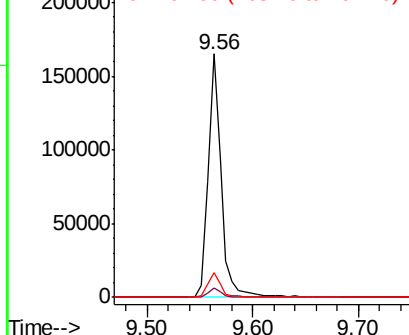
163 100

194 3.6 3.4 5.0

164 10.3 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: 5.688 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.21 min

Lab File: BF114566.D

Acq: 24 May 2019 13:30

Tgt Ion:165 Resp: 33861

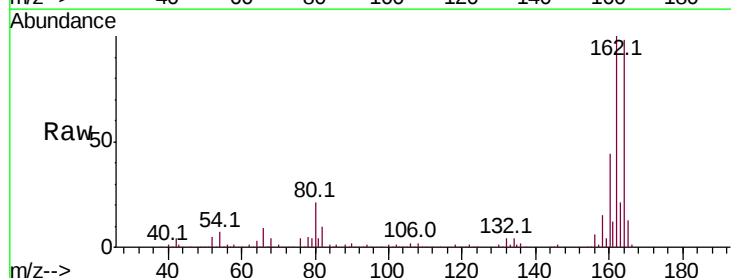
Ion Ratio Lower Upper

165 100

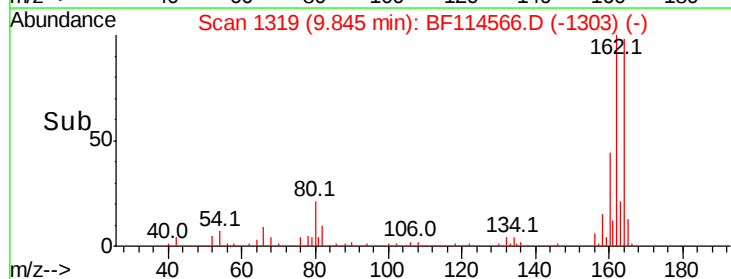
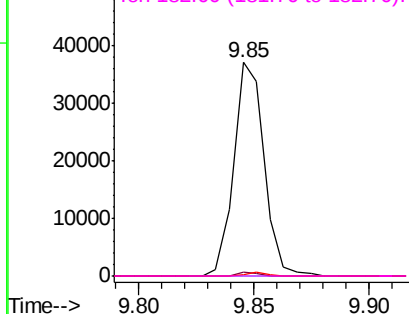
63 1.8 35.5 53.3#

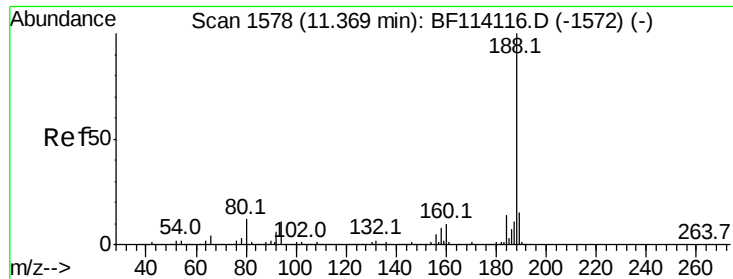
89 0.8 55.2 82.8#

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

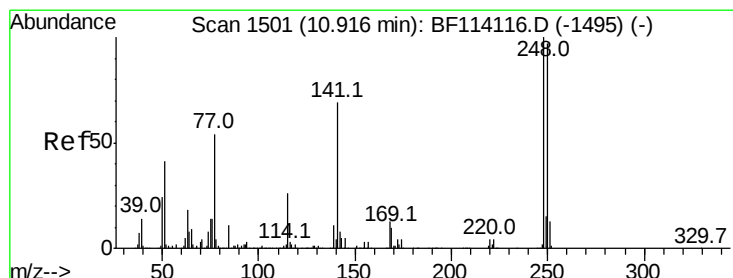
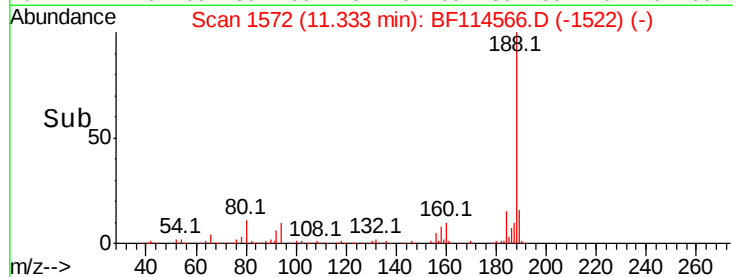
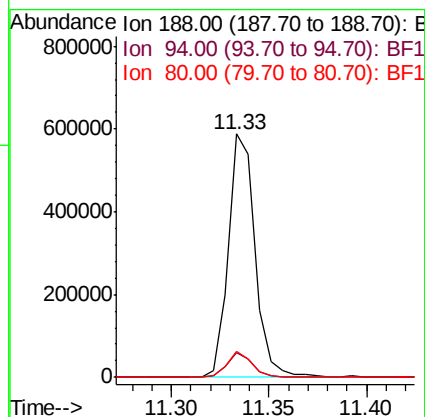
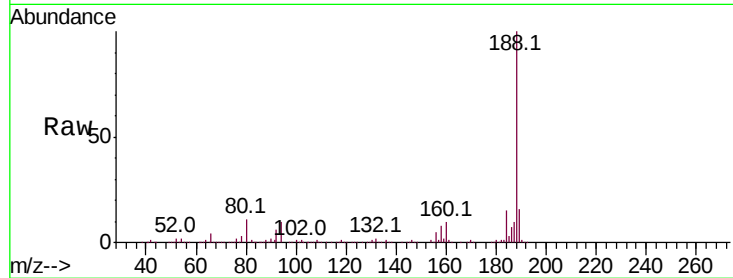




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF114566.D
Acq: 24 May 2019 13:30

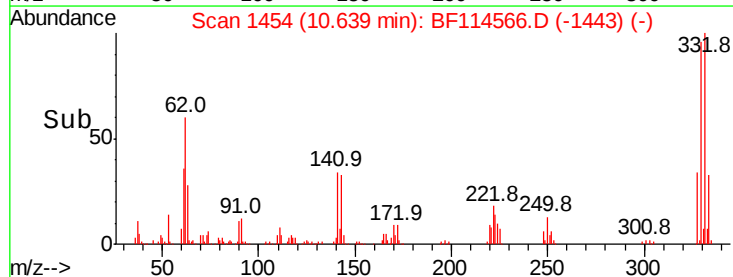
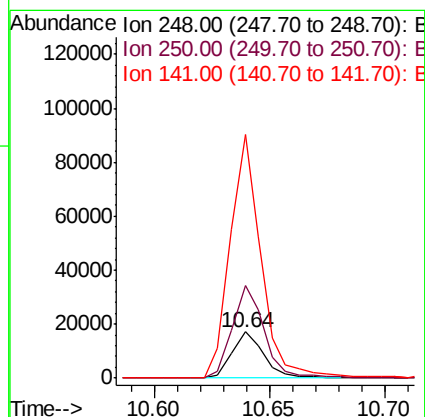
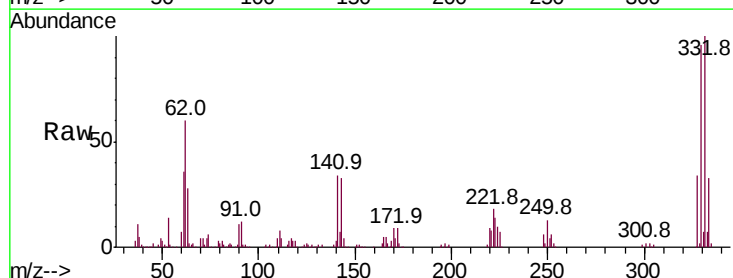
Instrument :
BNA_F
ClientSampleId :
FESB-4(5-5.5)

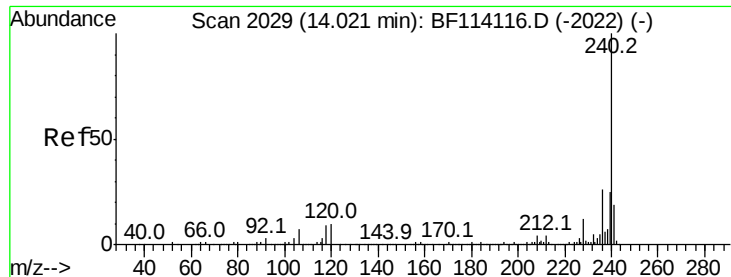
Tot Ion:188 Resp: 557995
Ion Ratio Lower Upper
188 100
94 10.0 8.4 12.6
80 10.8 9.2 13.8



#67
4-Bromophenyl-phenylether
Concen: 2.645 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF114566.D
Acq: 24 May 2019 13:30

Tgt Ion:248 Resp: 16248
Ion Ratio Lower Upper
248 100
250 200.2 77.4 116.2#
141 529.5 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: BF114566.D

Acq: 24 May 2019 13:30

Instrument :

BNA_F

ClientSampleId :

FESB-4(5-5.5)

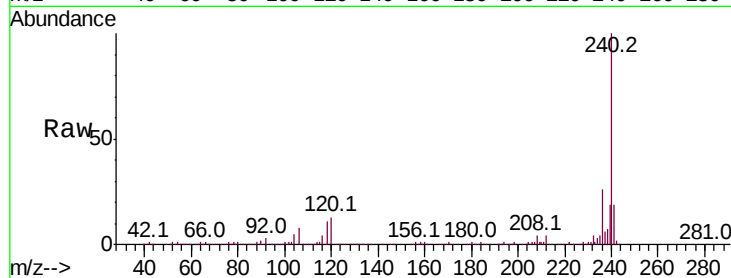
Tot Ion:240 Resp: 394267

Ion Ratio Lower Upper

240 100

120 12.8 8.3 12.5#

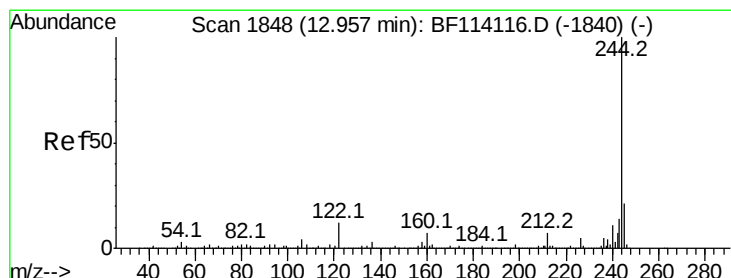
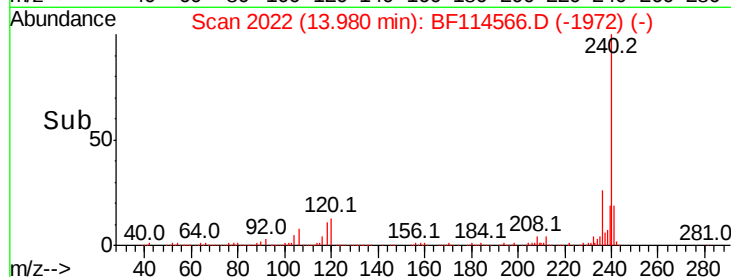
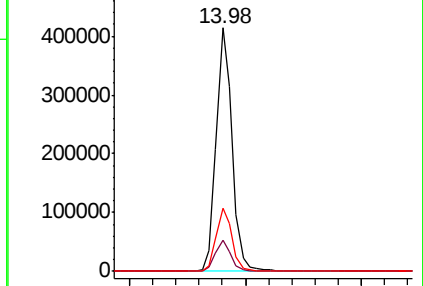
236 25.8 20.8 31.2



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: 63.651 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BF114566.D

Acq: 24 May 2019 13:30

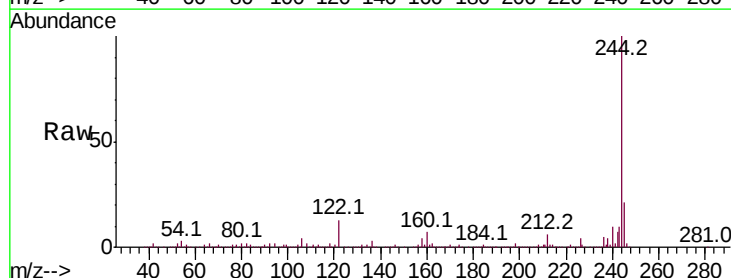
Tgt Ion:244 Resp: 1217389

Ion Ratio Lower Upper

244 100

212 6.4 5.8 8.6

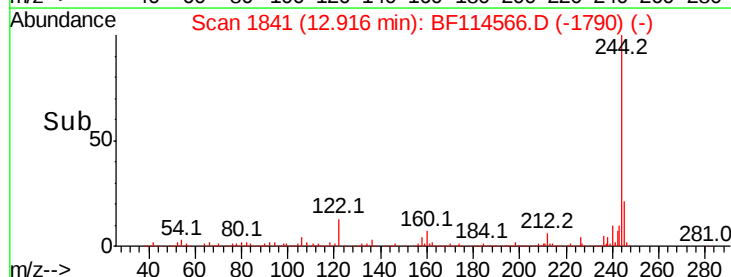
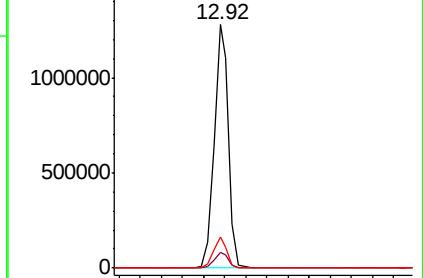
122 12.7 9.4 14.2

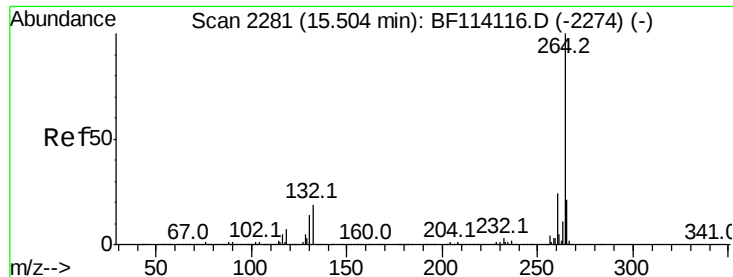


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

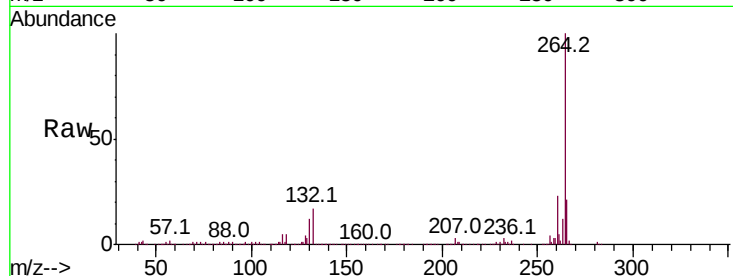




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF114566.D
Acq: 24 May 2019 13:30

Instrument :
BNA_F
ClientSampleId :
FESB-4(5-5.5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.4	29.0
265	21.3	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

