

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF053119\
 Data File : BF114707.D
 Acq On : 31 May 2019 14:45
 Operator : HP/JU
 Sample : K2986-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FESB-19(6.5-7)

Quant Time: Jun 01 00:22:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 19:08:51 2019
 Response via : Initial Calibration

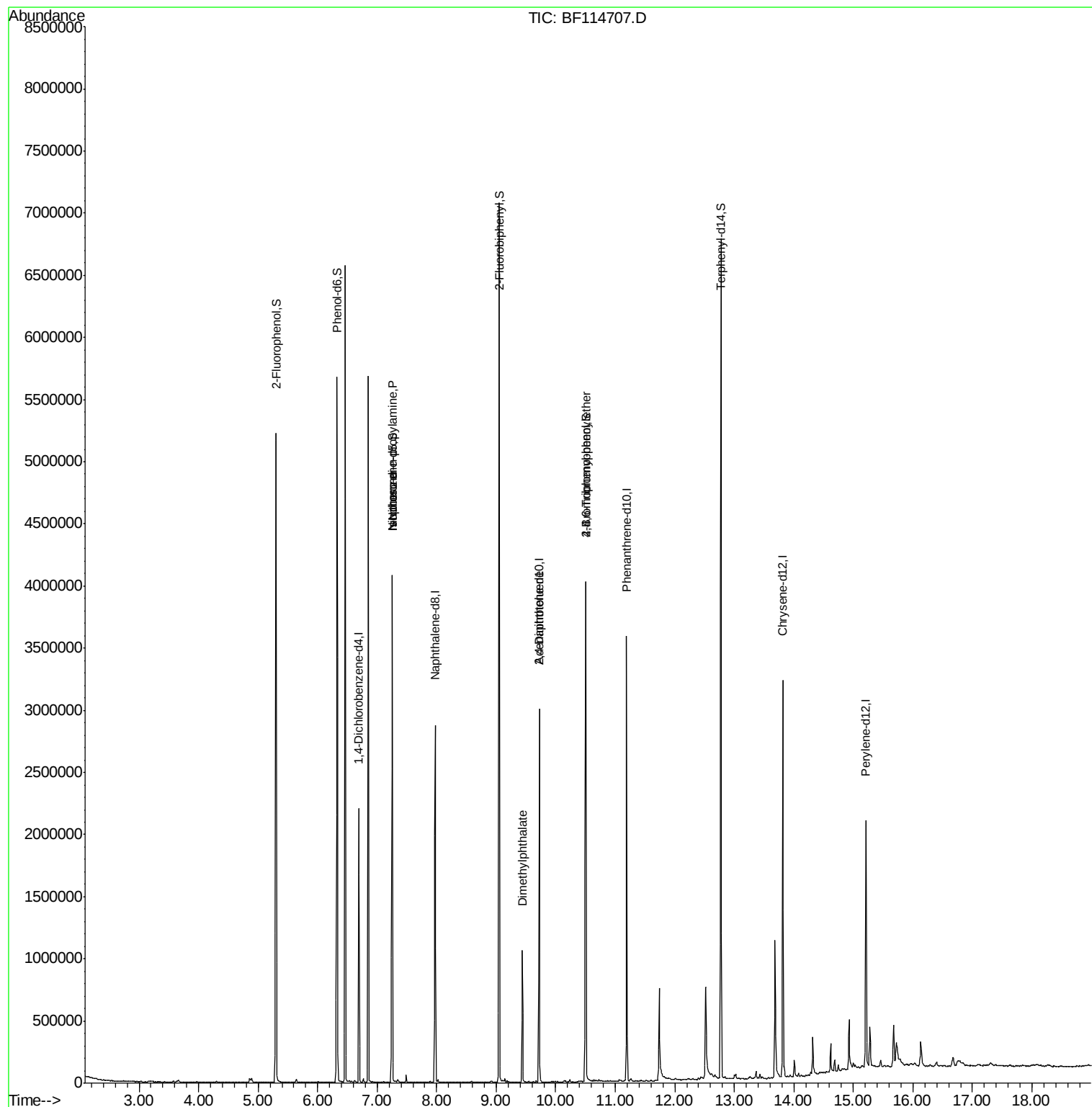
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	317391	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1196689	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	599261	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1195942	20.00	ng	0.00
76) Chrysene-d12	13.82	240	974260	20.00	ng	0.00
87) Perylene-d12	15.21	264	896833	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1737307	96.10	ng	0.01
7) Phenol-d6	6.33	99	2109274	96.83	ng	0.00
23) Nitrobenzene-d5	7.25	82	1289282	67.22	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	532687	93.29	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	2223242	66.14	ng	0.00
79) Terphenyl-d14	12.77	244	2495732	48.16	ng	0.00
Target Compounds						
9) Benzaldehyde	6.46	77	39845	Below Cal		Qvalue 82
19) n-Nitroso-di-n-propylamine	7.25	70	172304	11.459 ng	#	76
25) Isophorone	7.25	82	1258969	32.706 ng	#	63
50) Dimethylphthalate	9.44	163	391718	9.381 ng		98
57) 2,4-Dinitrotoluene	9.72	165	77906	6.256 ng	#	23
58) Fluorene	10.50	166	24421	Below Cal	#	91
67) 4-Bromophenyl-phenylether	10.50	248	33711	2.629 ng	#	1
74) Di-n-butylphthalate	11.76	149	7598	Below Cal	#	95

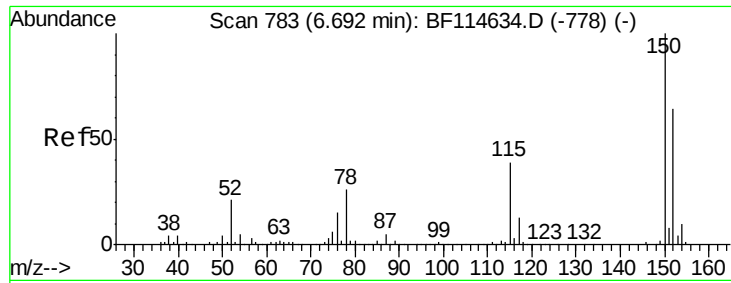
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF053119\
Data File : BF114707.D
Acq On : 31 May 2019 14:45
Operator : HP/JU
Sample : K2986-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FESB-19(6.5-7)

Quant Time: Jun 01 00:22:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 19:08:51 2019
Response via : Initial Calibration



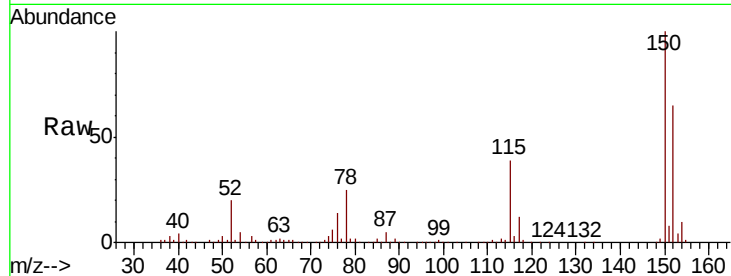


#1

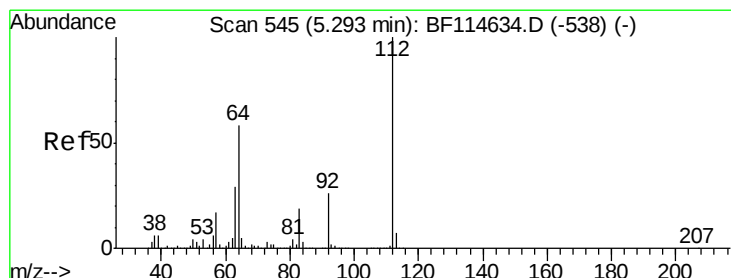
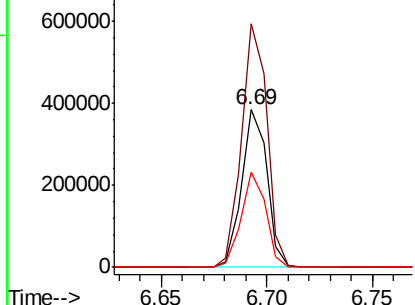
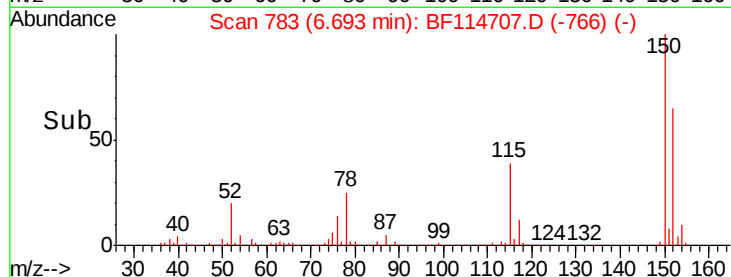
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF114707.D
 Acq: 31 May 2019 14:45

Instrument :
 BNA_F
 ClientSampleId :
 FESB-19(6.5-7)

Tgt Ion:152 Resp: 317391
 Ion Ratio Lower Upper
 152 100
 150 154.7 124.4 186.6
 115 60.5 48.7 73.1



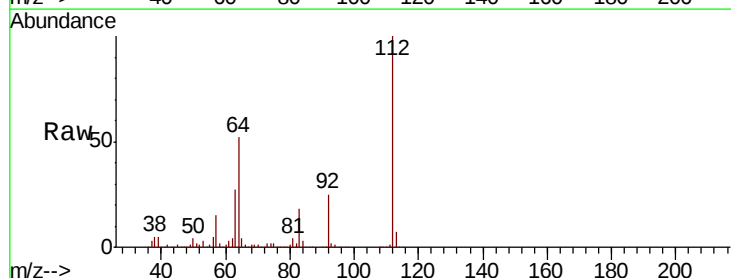
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



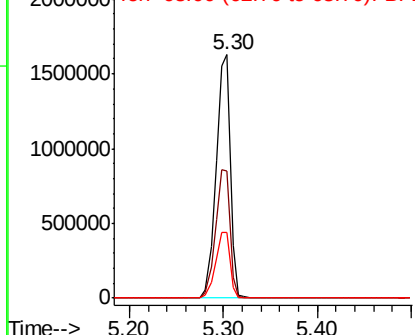
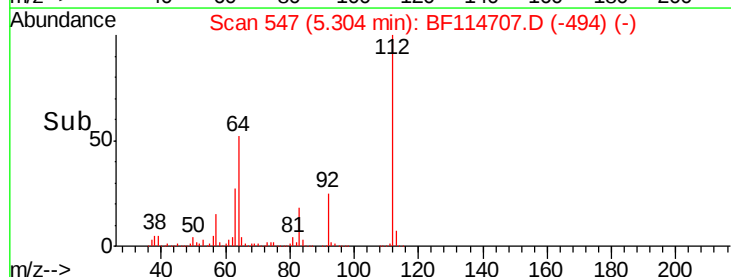
#5

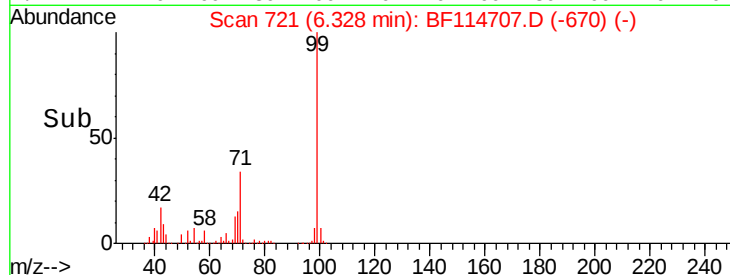
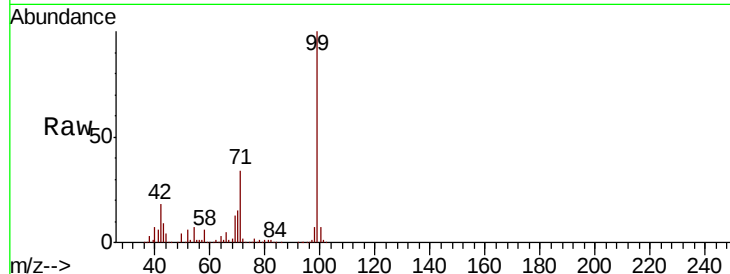
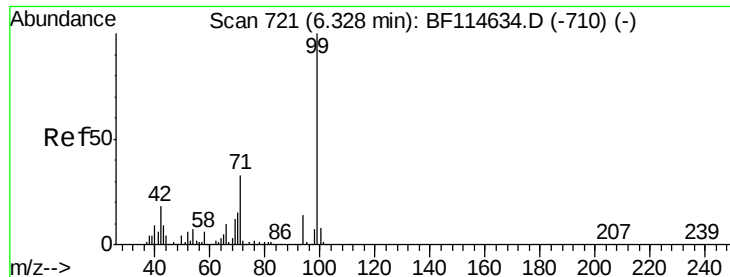
2-Fluorophenol
 Concen: 96.102 ng
 RT: 5.30 min Scan# 547
 Delta R.T. 0.01 min
 Lab File: BF114707.D
 Acq: 31 May 2019 14:45

Tgt Ion:112 Resp: 1737307
 Ion Ratio Lower Upper
 112 100
 64 52.2 46.1 69.1
 63 26.8 23.4 35.2



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: 96.826 ng

RT: 6.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF114707.D

Acq: 31 May 2019 14:45

Instrument :

BNA_F

ClientSampleId :

FESB-19(6.5-7)

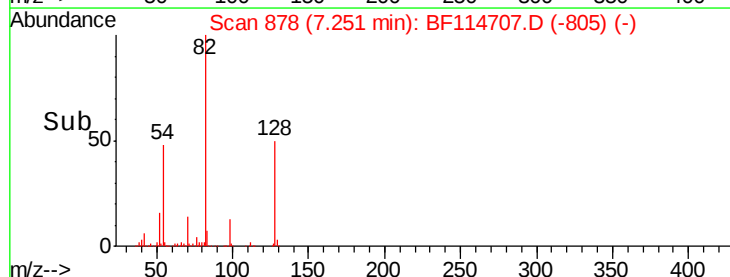
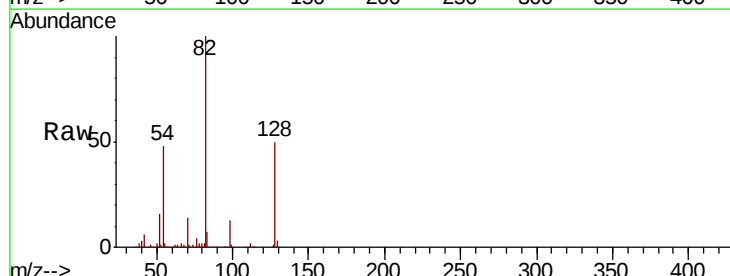
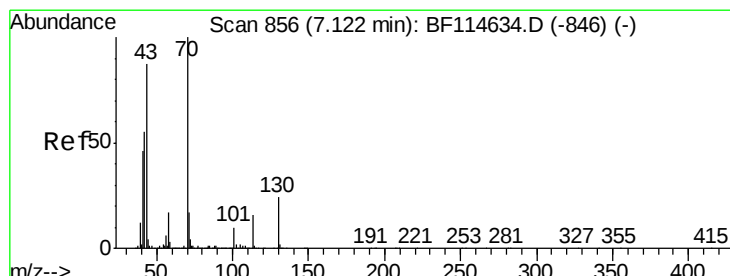
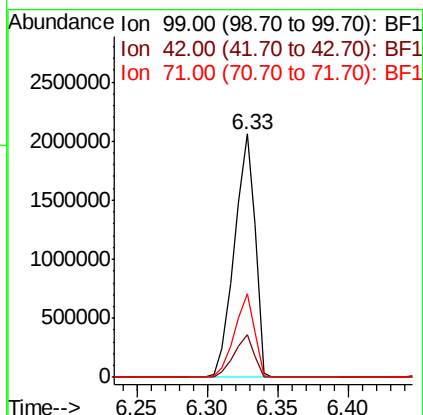
Tgt Ion: 99 Resp: 2109274

Ion Ratio Lower Upper

99 100

42 17.5 14.7 22.1

71 34.3 26.6 40.0



#19

n-Nitroso-di-n-propylamine

Concen: 11.459 ng

RT: 7.25 min Scan# 878

Delta R.T. 0.13 min

Lab File: BF114707.D

Acq: 31 May 2019 14:45

Tgt Ion: 70 Resp: 172304

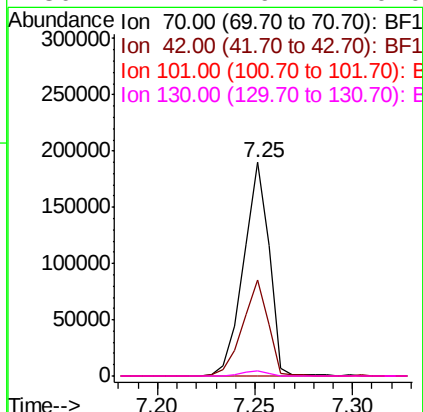
Ion Ratio Lower Upper

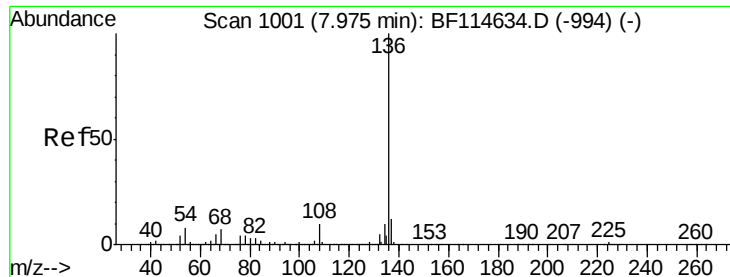
70 100

42 45.1 44.4 66.6

101 0.0 8.2 12.4#

130 2.4 19.4 29.0#



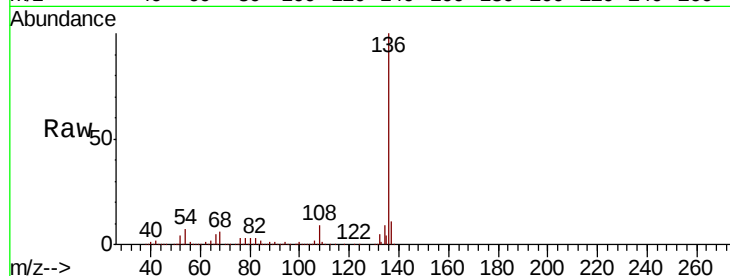


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF114707.D
Acq: 31 May 2019 14:45

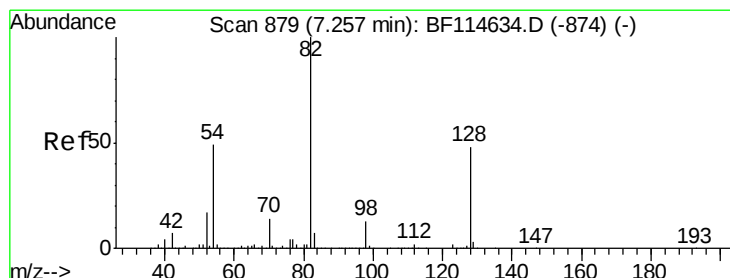
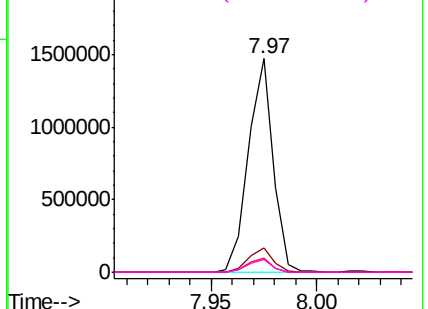
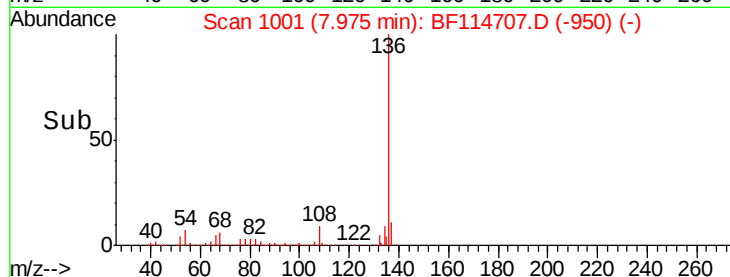
Instrument :
BNA_F
ClientSampleId :
FESB-19(6.5-7)

Tgt Ion: 136 Resp: 1196689

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	6.8	6.3	9.5
68	5.8	5.4	8.0



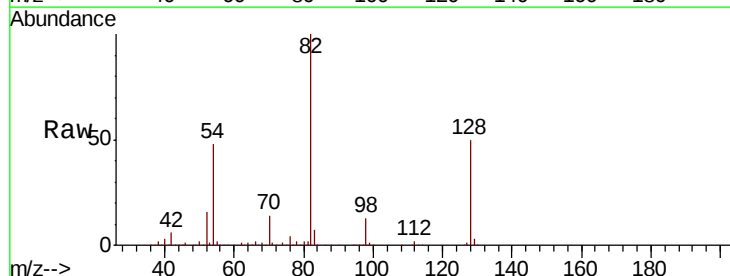
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



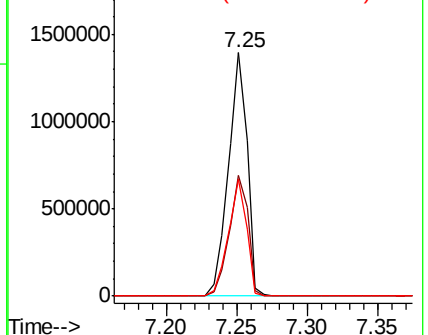
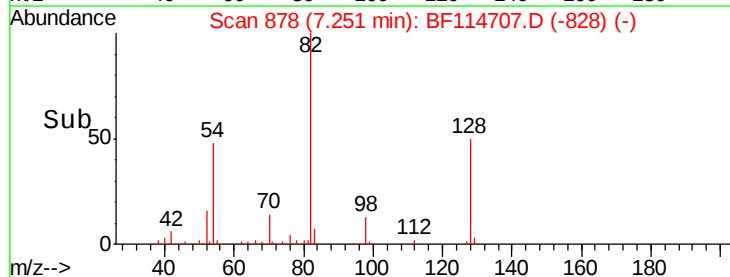
#23
Nitrobenzene-d5
Concen: 67.216 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF114707.D
Acq: 31 May 2019 14:45

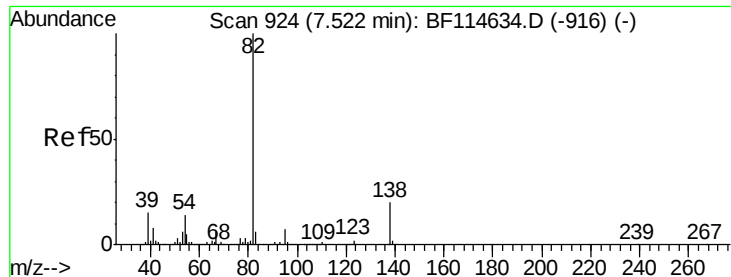
Tgt Ion: 82 Resp: 1289282

Ion	Ratio	Lower	Upper
82	100		
128	49.7	38.5	57.7
54	47.8	39.1	58.7



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: 32.706 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.27 min

Lab File: BF114707.D

Acq: 31 May 2019 14:45

Instrument :

BNA_F

ClientSampleId :

FESB-19(6.5-7)

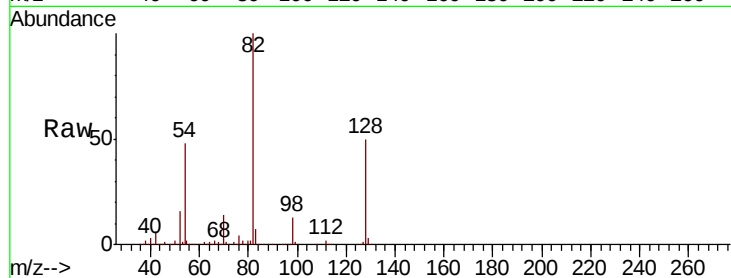
Tgt Ion: 82 Resp: 1258969

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

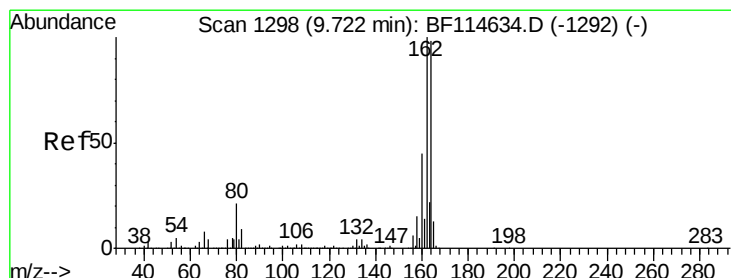
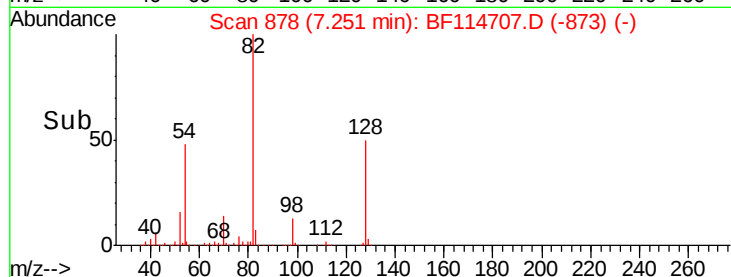
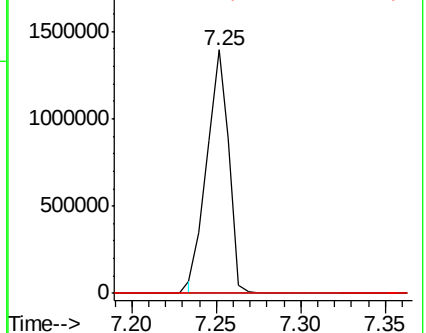
138 0.0 15.9 23.9#



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: 9.72 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BF114707.D

Acq: 31 May 2019 14:45

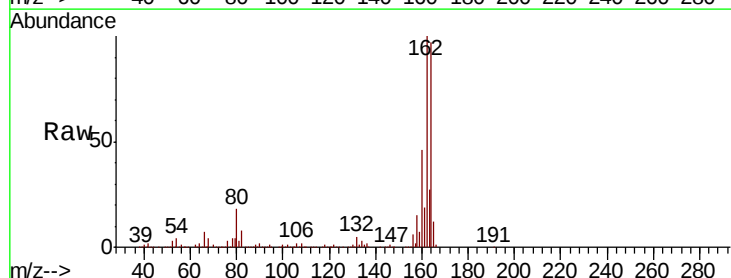
Tgt Ion: 164 Resp: 599261

Ion Ratio Lower Upper

164 100

162 102.6 81.4 122.2

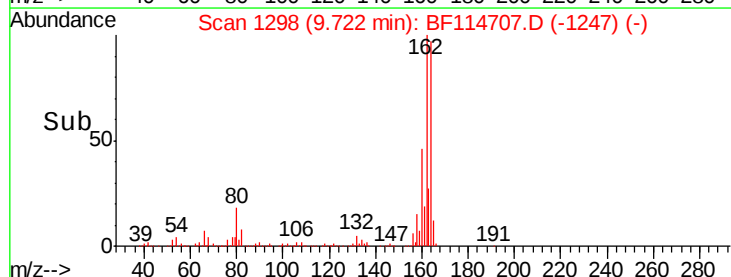
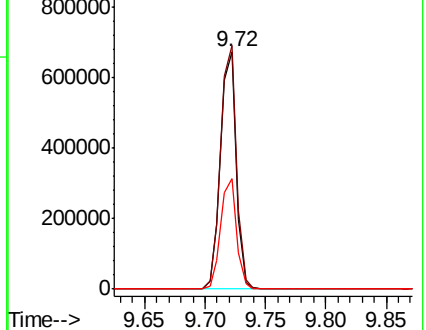
160 46.8 36.6 54.8

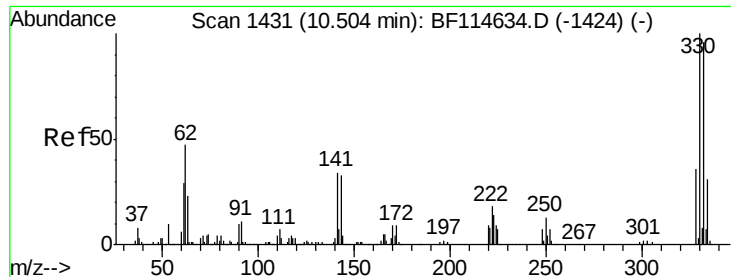


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

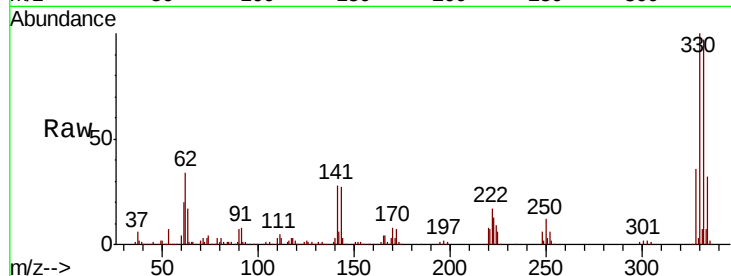




#42
 2,4,6-Tribromophenol
 Concen: 93.290 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: BF114707.D
 Acq: 31 May 2019 14:45

Instrument :
 BNA_F
 ClientSampleId :
 FESB-19(6.5-7)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	75.8	113.8
141	33.0	27.8	41.8

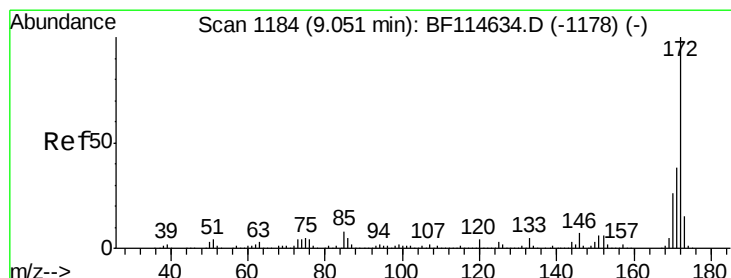
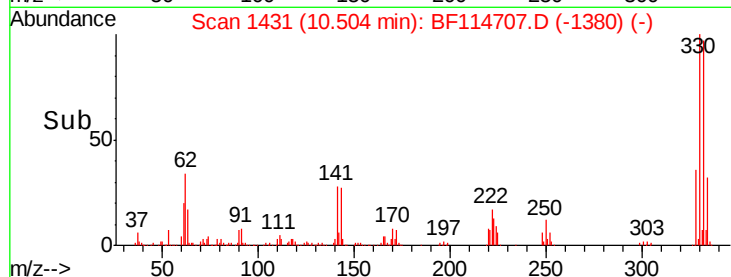
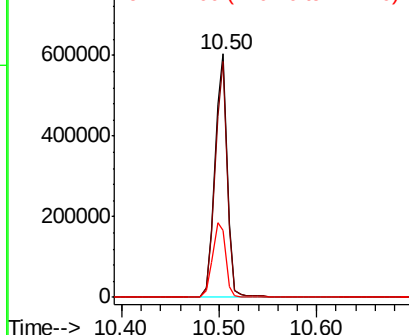


Abundance

Ion 329.80 (329.50 to 330.50): E

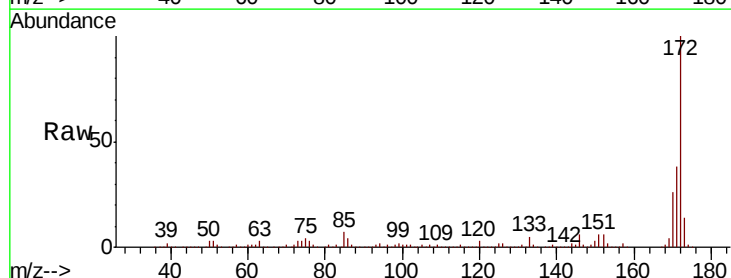
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 66.141 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF114707.D
 Acq: 31 May 2019 14:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.6	45.8
170	26.0	20.7	31.1

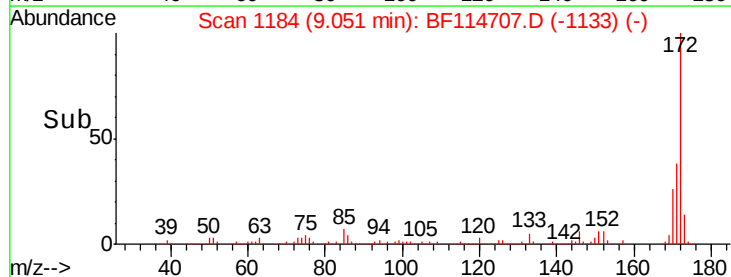
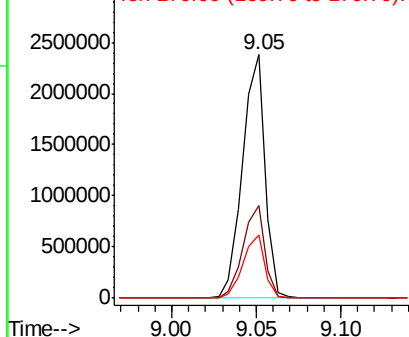


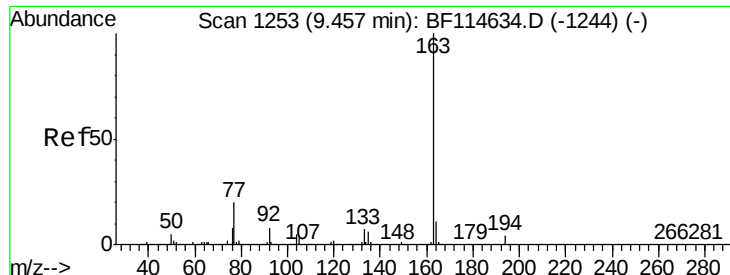
Abundance

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: 9.381 ng

RT: 9.44 min Scan# 1250

Delta R.T. -0.02 min

Lab File: BF114707.D

Acq: 31 May 2019 14:45

Instrument :

BNA_F

ClientSampleId :

FESB-19(6.5-7)

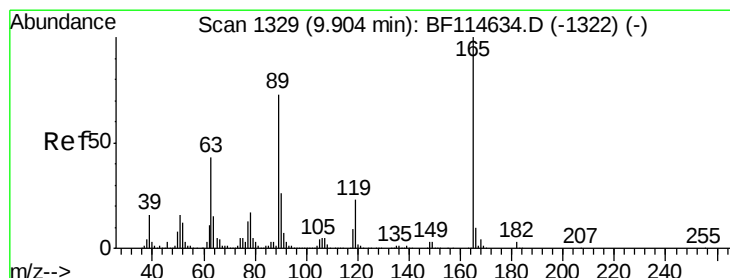
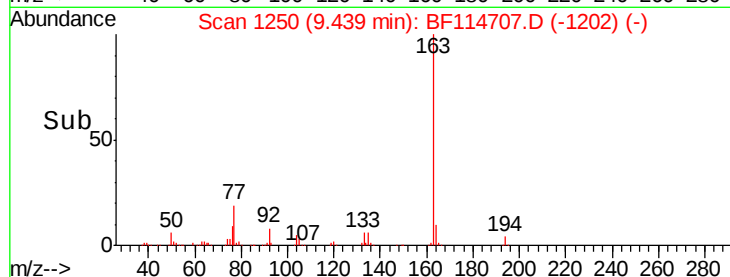
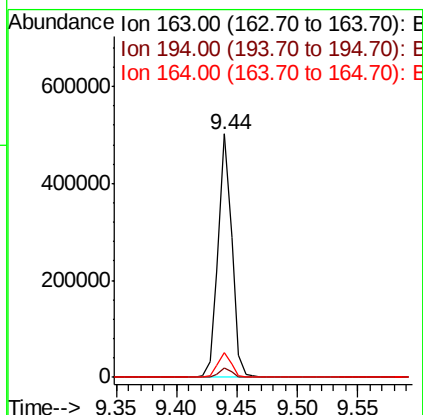
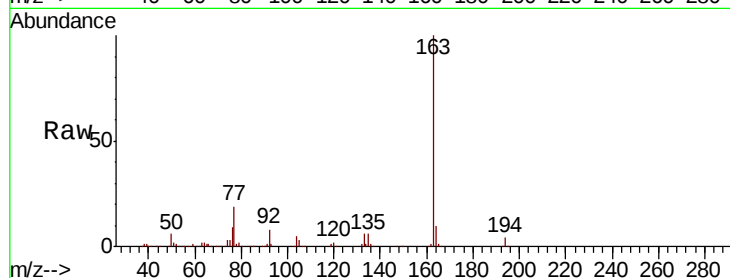
Tgt Ion:163 Resp: 391718

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

164 10.0 8.6 13.0



#57

2,4-Dinitrotoluene

Concen: 6.256 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.18 min

Lab File: BF114707.D

Acq: 31 May 2019 14:45

Tgt Ion:165 Resp: 77906

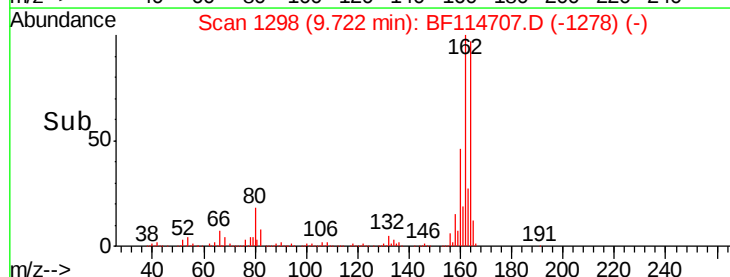
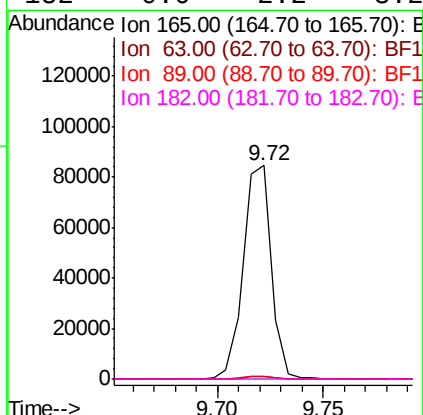
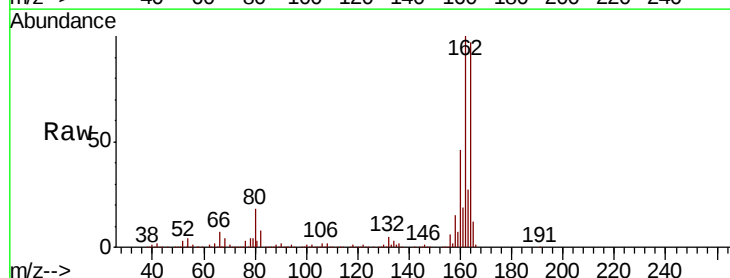
Ion Ratio Lower Upper

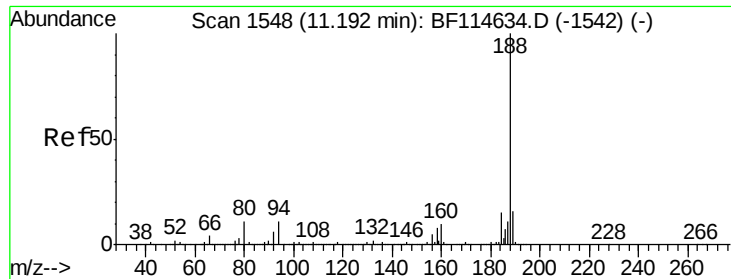
165 100

63 1.1 34.8 52.2#

89 1.2 58.5 87.7#

182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.19 min Scan# 1548

Delta R.T. 0.00 min

Lab File: BF114707.D

Acq: 31 May 2019 14:45

Instrument :

BNA_F

ClientSampleId :

FESB-19(6.5-7)

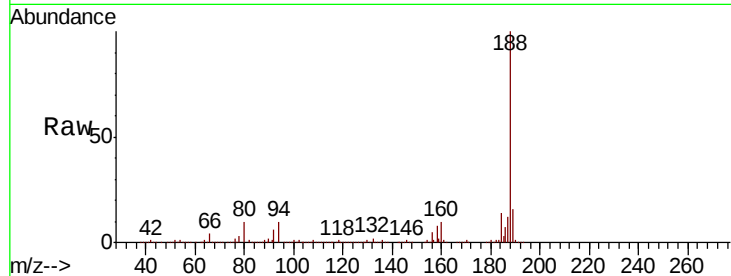
Tgt Ion:188 Resp: 1195942

Ion Ratio Lower Upper

188 100

94 10.3 8.6 13.0

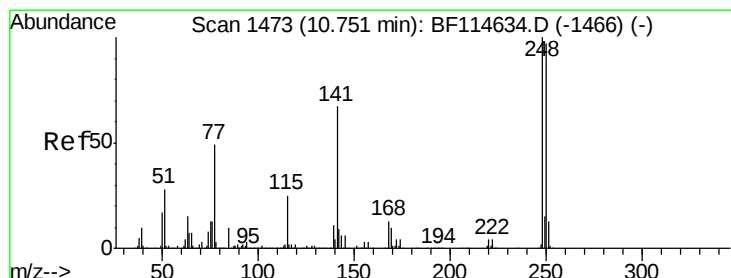
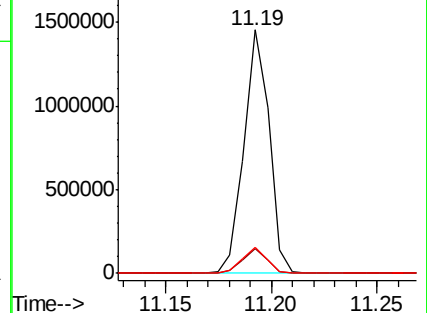
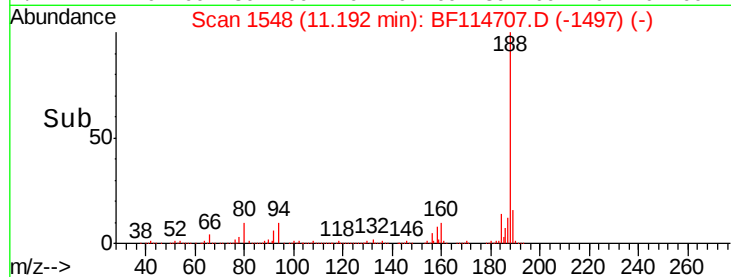
80 10.5 9.0 13.6



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: 2.629 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.25 min

Lab File: BF114707.D

Acq: 31 May 2019 14:45

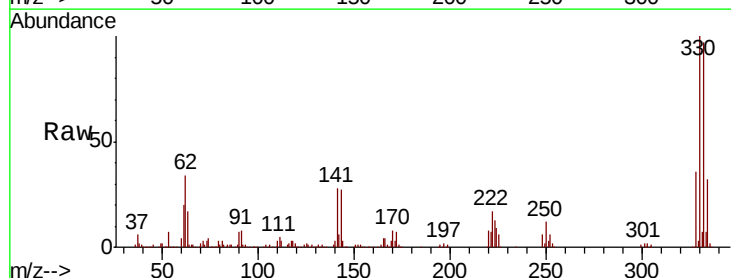
Tgt Ion:248 Resp: 33711

Ion Ratio Lower Upper

248 100

250 199.6 78.0 117.0#

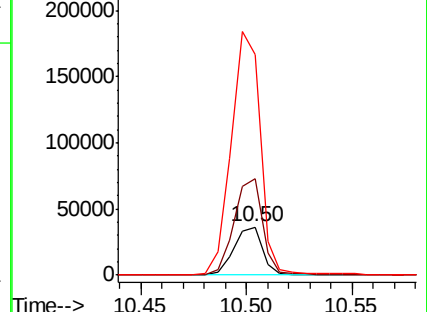
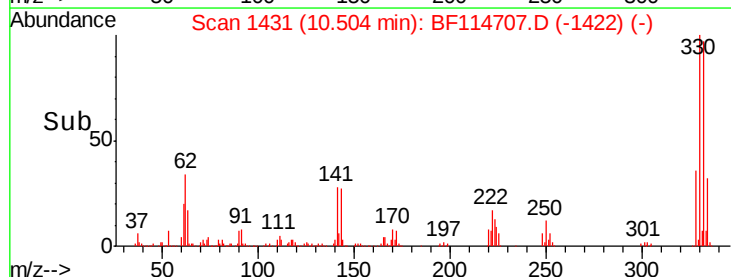
141 460.3 53.8 80.8#

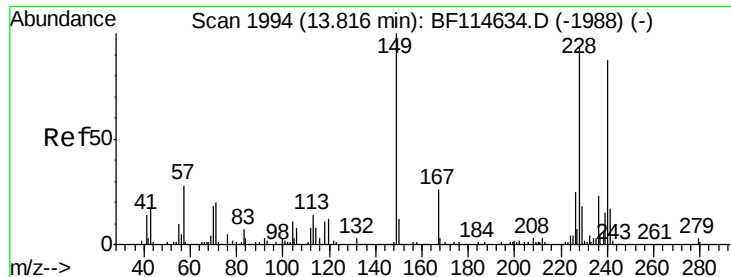


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.82 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BF114707.D

Acq: 31 May 2019 14:45

Instrument :

BNA_F

ClientSampleId :

FESB-19(6.5-7)

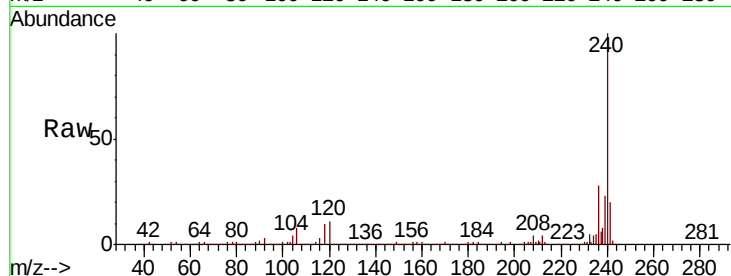
Tgt Ion:240 Resp: 974260

Ion Ratio Lower Upper

240 100

120 11.4 11.2 16.8

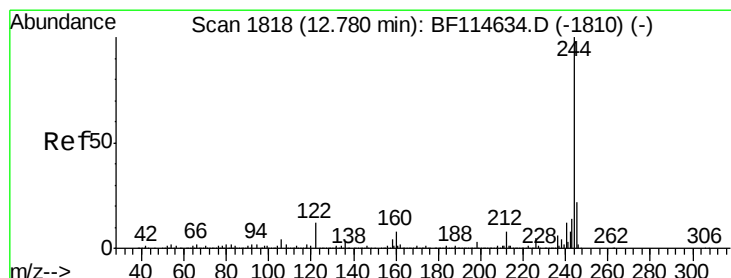
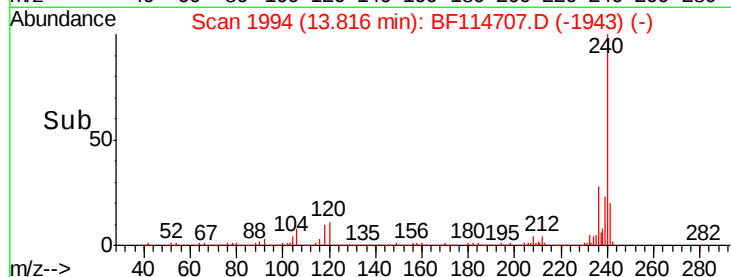
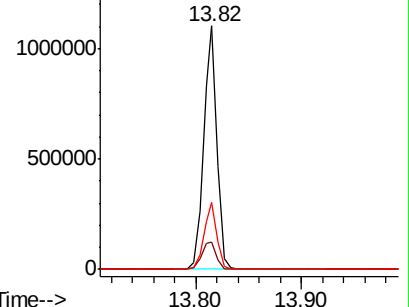
236 27.7 21.2 31.8



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: 48.163 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF114707.D

Acq: 31 May 2019 14:45

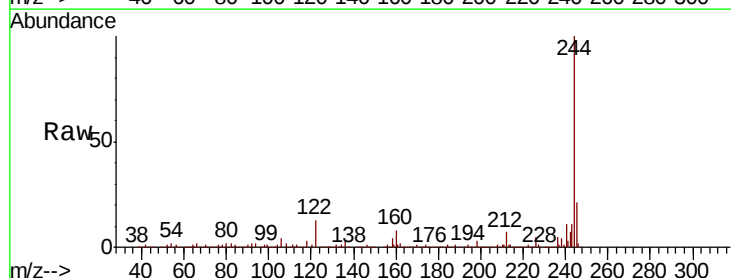
Tgt Ion:244 Resp: 2495732

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

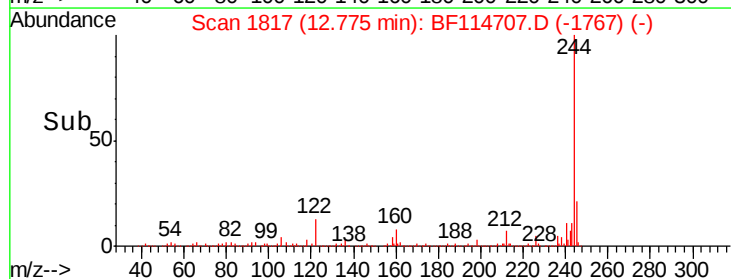
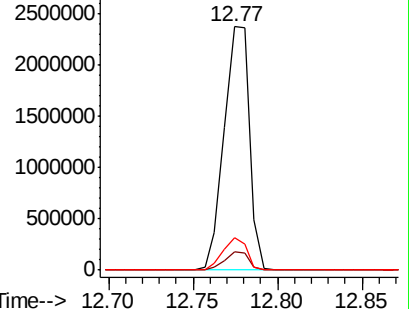
122 13.2 9.8 14.8

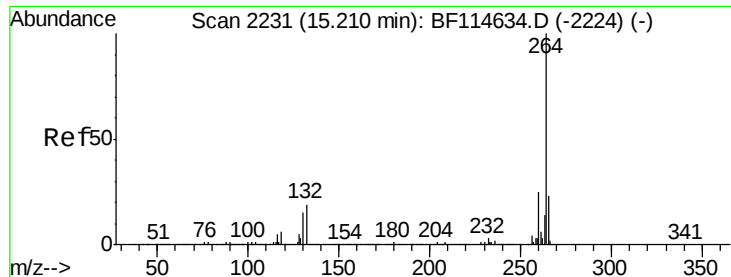


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.21 min Scan# 2231
Delta R.T. 0.00 min
Lab File: BF114707.D
Acq: 31 May 2019 14:45

Instrument :
BNA_F
ClientSampleId :
FESB-19(6.5-7)

Tgt Ion: 264 Resp: 896833
Ion Ratio Lower Upper
264 100
260 24.6 19.7 29.5
265 21.7 18.1 27.1

