

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052319\
 Data File : BF114526.D
 Acq On : 23 May 2019 15:15
 Operator : JU/SJ
 Sample : K2906-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FESB-12(9.5-10)

Quant Time: May 24 07:17:16 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

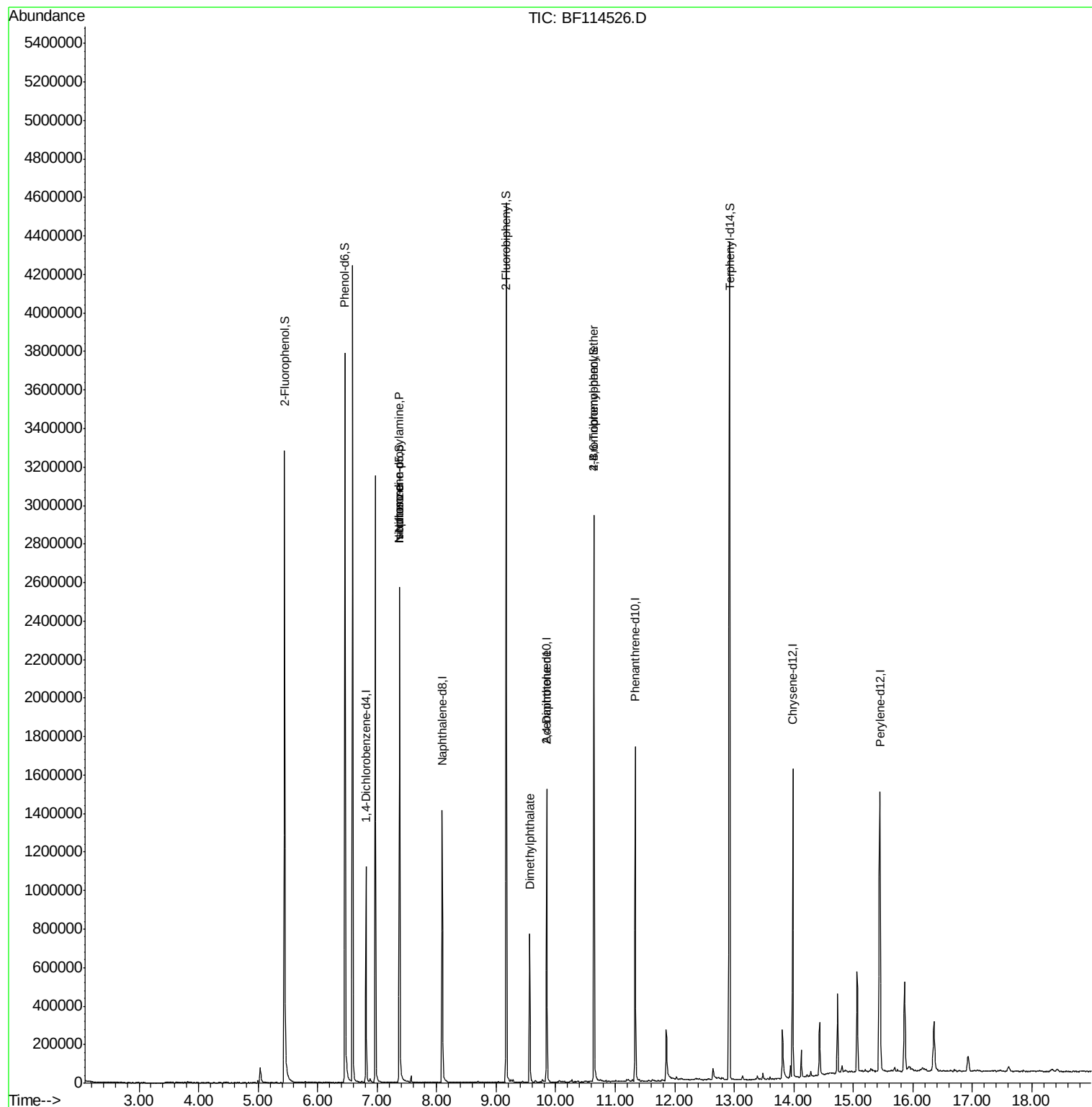
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	161849	20.00	ng	-0.03
21) Naphthalene-d8	8.09	136	625688	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	308860	20.00	ng	-0.03
64) Phenanthrene-d10	11.33	188	646418	20.00	ng	-0.02
76) Chrysene-d12	13.98	240	546455	20.00	ng	-0.02
87) Perylene-d12	15.44	264	580514	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1020097	101.43	ng	-0.02
7) Phenol-d6	6.46	99	1343404	112.94	ng	-0.03
23) Nitrobenzene-d5	7.37	82	808453	72.51	ng	-0.03
42) 2,4,6-Tribromophenol	10.64	330	343194	107.48	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	1397618	68.45	ng	-0.02
79) Terphenyl-d14	12.92	244	1617582	61.02	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	104674	13.883	ng	# 75
25) Isophorone	7.37	82	808444	39.098	ng	# 64
50) Dimethylphthalate	9.56	163	303853	13.401	ng	98
57) 2,4-Dinitrotoluene	9.85	165	38287	5.609	ng	# 25
67) 4-Bromophenyl-phenylether	10.64	248	22980	3.229	ng	# 1

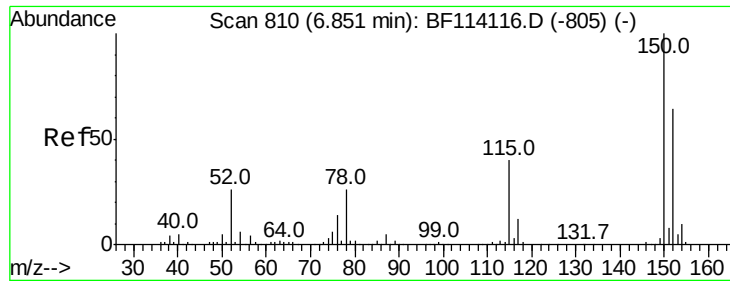
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 24 07:17:16 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



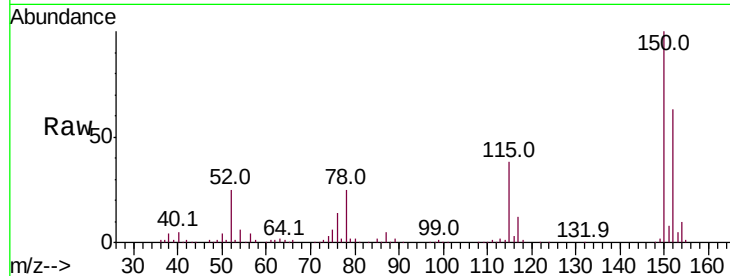


#1

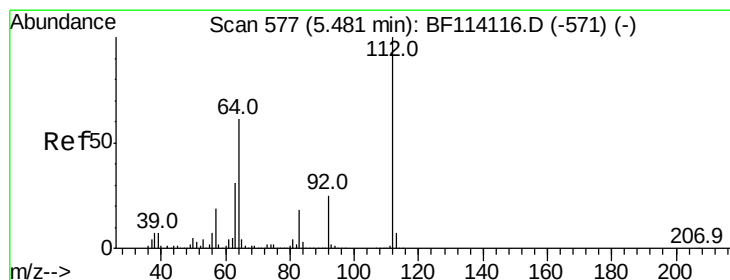
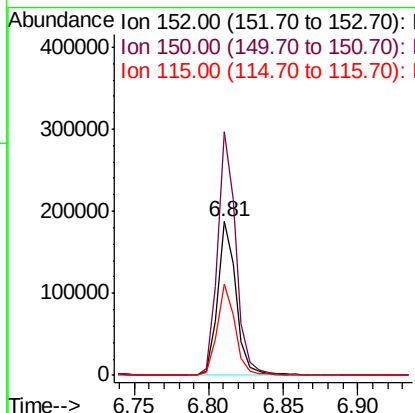
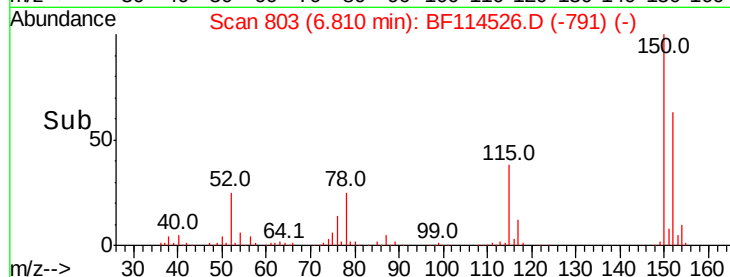
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.03 min
 Lab File: BF114526.D
 Acq: 23 May 2019 15:15

Instrument :
 BNA_F
 ClientSampleId :
 FESB-12(9.5-10)

Tot Ion:152 Resp: 161849
 Ion Ratio Lower Upper
 152 100
 150 158.2 124.3 186.5
 115 59.6 49.1 73.7



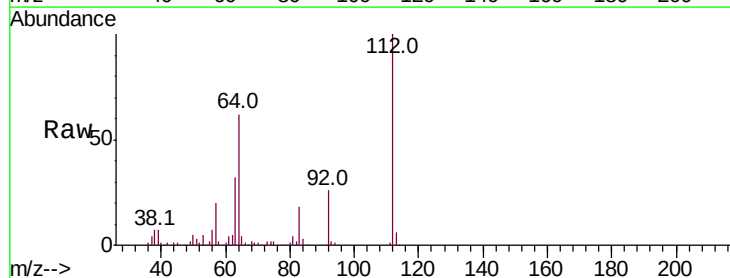
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



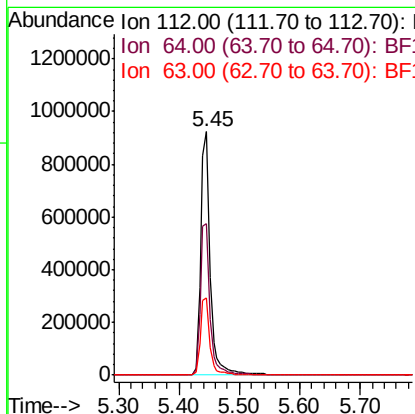
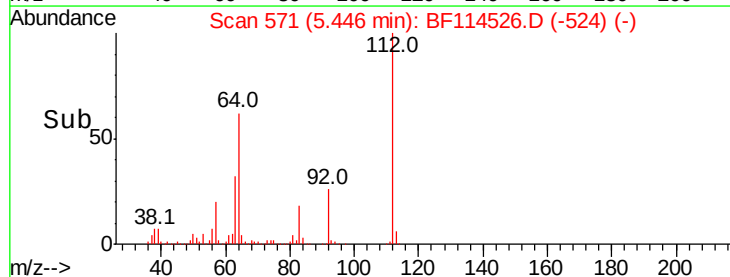
#5

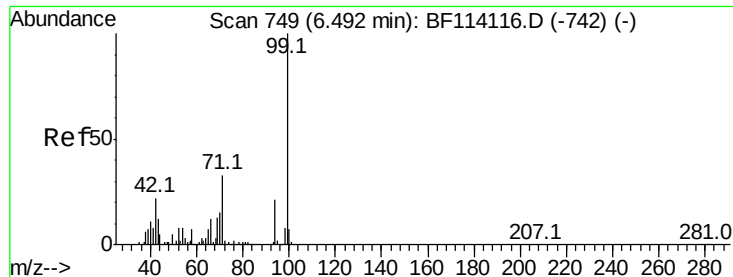
2-Fluorophenol
 Concen: 101.428 ng
 RT: 5.45 min Scan# 571
 Delta R.T. -0.02 min
 Lab File: BF114526.D
 Acq: 23 May 2019 15:15

Tgt Ion:112 Resp: 1020097
 Ion Ratio Lower Upper
 112 100
 64 62.3 49.0 73.6
 63 31.7 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: 112.937 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.03 min

Lab File: BF114526.D

Acq: 23 May 2019 15:15

Instrument :

BNA_F

ClientSampleId :

FESB-12(9.5-10)

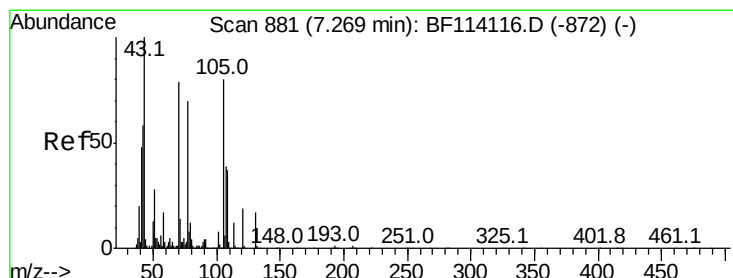
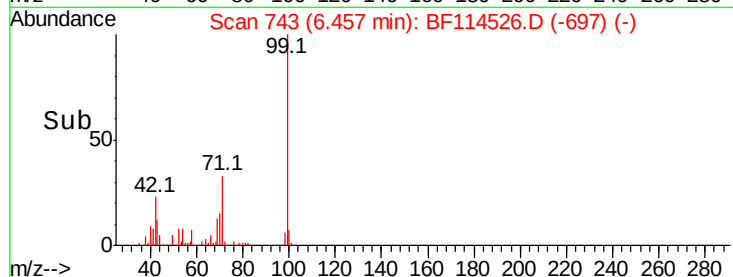
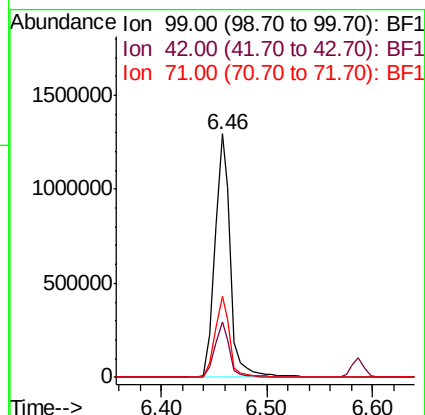
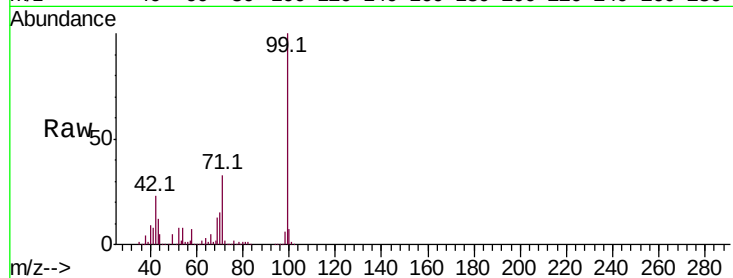
Tot Ion: 99 Resp: 1343404

Ion Ratio Lower Upper

99 100

42 22.8 17.9 26.9

71 33.3 26.2 39.2



#19

n-Nitroso-di-n-propylamine

Concen: 13.883 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.12 min

Lab File: BF114526.D

Acq: 23 May 2019 15:15

Tgt Ion: 70 Resp: 104674

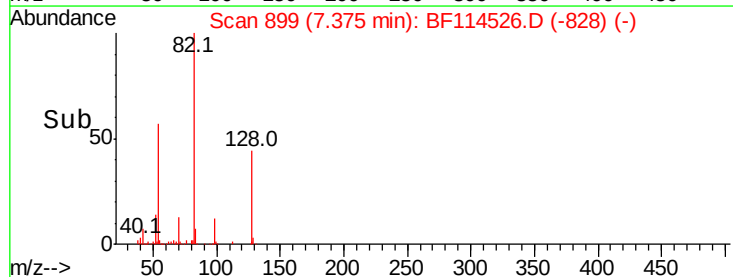
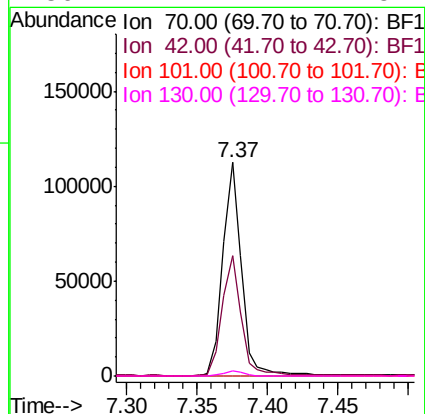
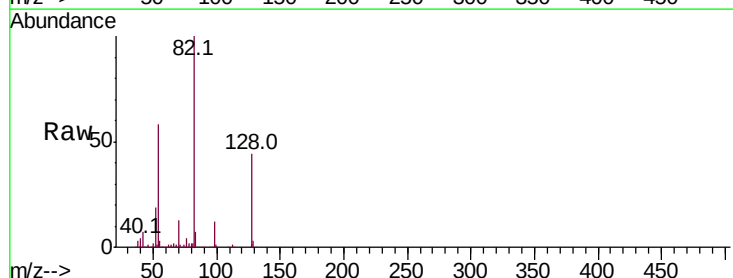
Ion Ratio Lower Upper

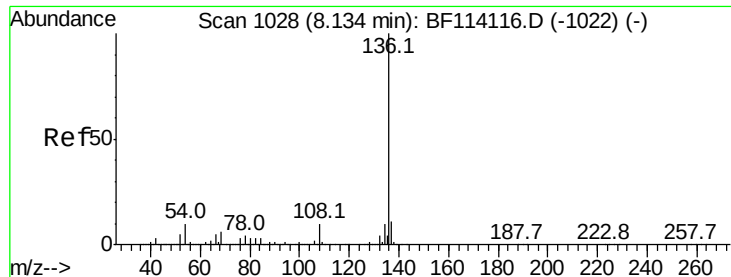
70 100

42 56.3 58.6 87.8#

101 0.0 7.8 11.8#

130 2.2 17.1 25.7#

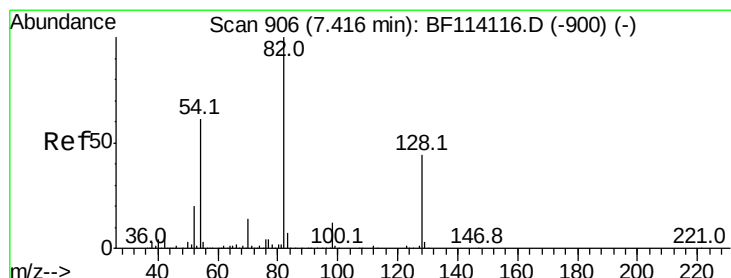
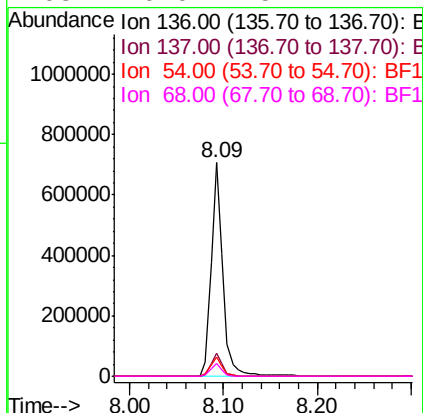
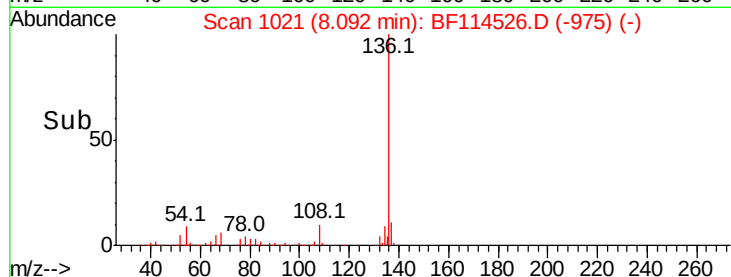
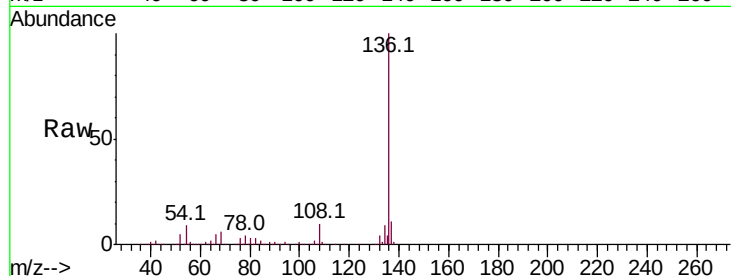




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.03 min
Lab File: BF114526.D
Acq: 23 May 2019 15:15

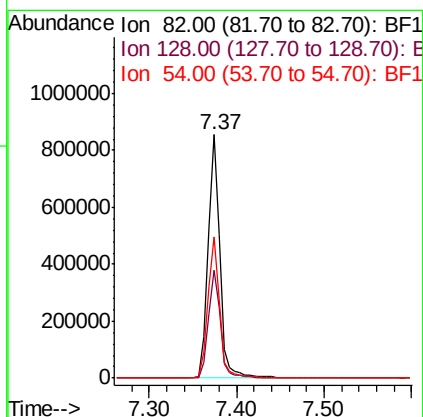
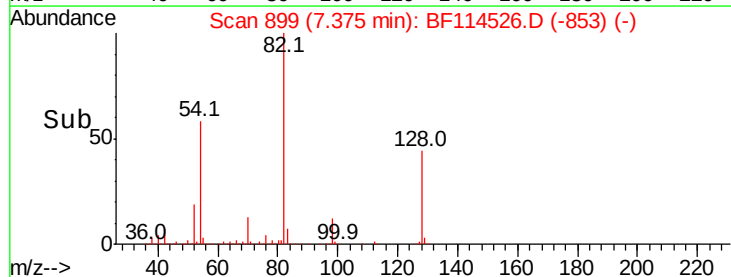
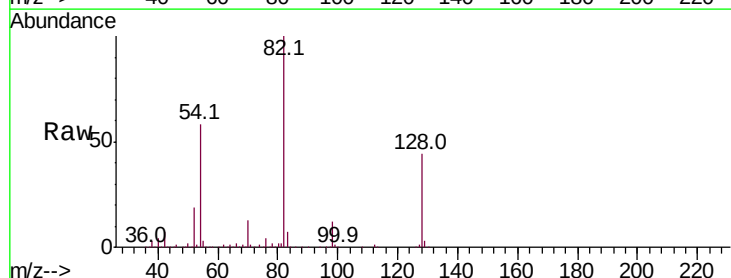
Instrument :
BNA_F
ClientSampleId :
FESB-12(9.5-10)

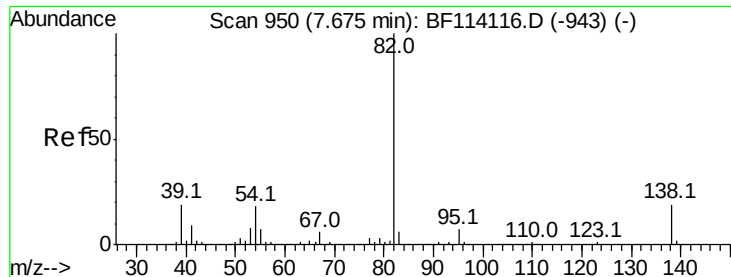
Tot Ion:136	Resp:	625688
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.8 13.2
54	9.2	7.8 11.8
68	6.0	5.1 7.7



#23
Nitrobenzene-d5
Concen: 72.513 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.03 min
Lab File: BF114526.D
Acq: 23 May 2019 15:15

Tgt Ion: 82	Resp:	808453
Ion	Ratio	Lower Upper
82	100	
128	44.3	35.5 53.3
54	58.0	48.5 72.7





#25

Isophorone

Concen: 39.098 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.29 min

Lab File: BF114526.D

Acq: 23 May 2019 15:15

Instrument :

BNA_F

ClientSampleId :

FESB-12(9.5-10)

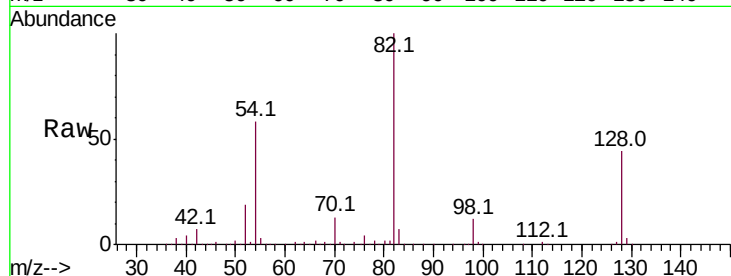
Tot Ion: 82 Resp: 808444

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

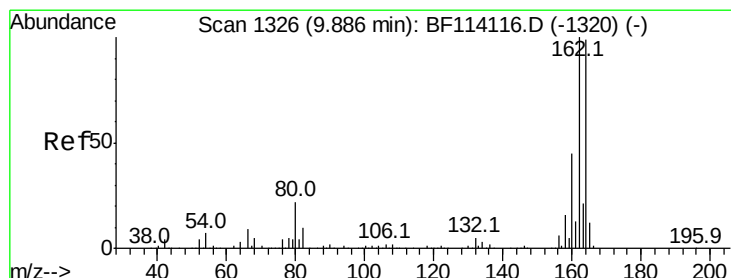
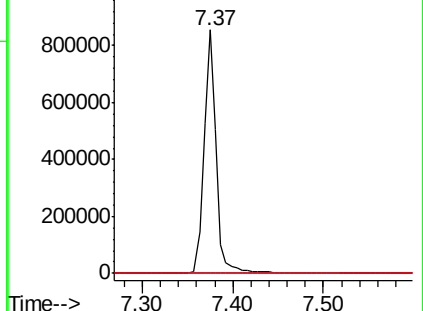
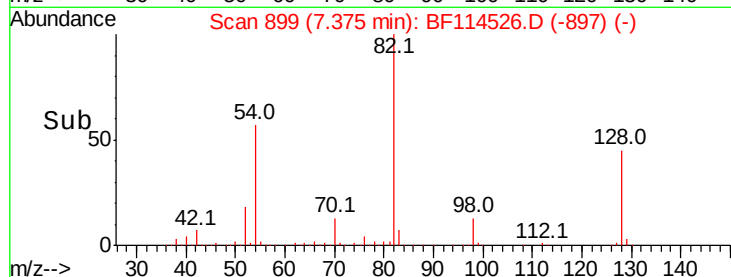
138 0.0 14.8 22.2#



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: BF114526.D

Acq: 23 May 2019 15:15

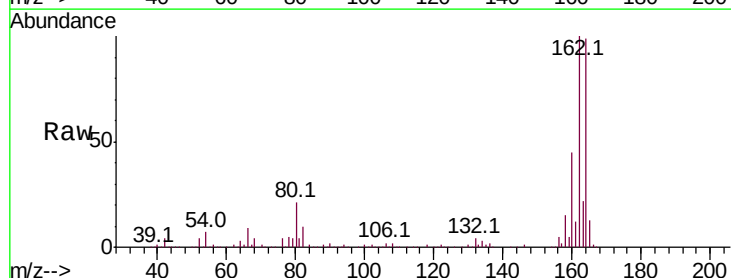
Tgt Ion:164 Resp: 308860

Ion Ratio Lower Upper

164 100

162 101.1 80.6 120.8

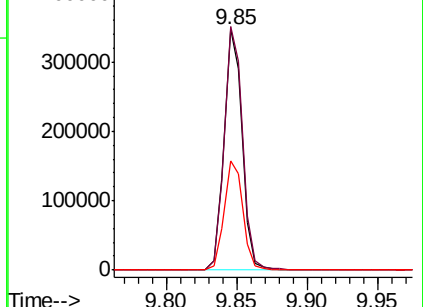
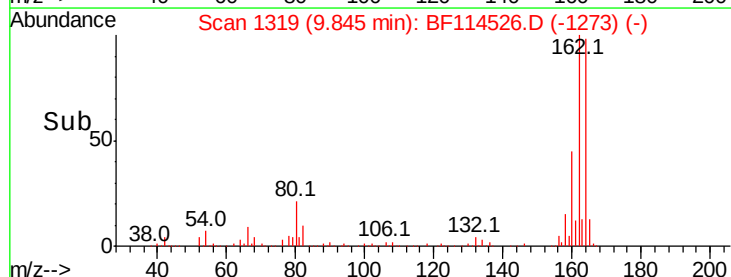
160 45.3 36.5 54.7

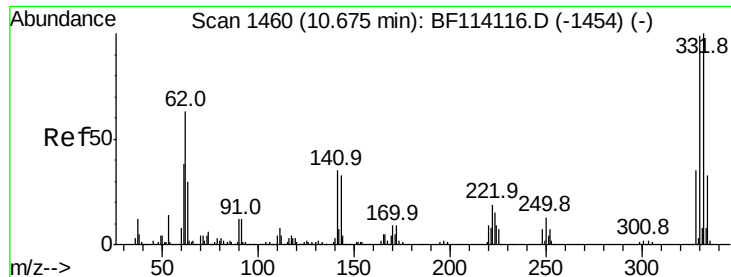


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 107.480 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.02 min

Lab File: BF114526.D

Acq: 23 May 2019 15:15

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FESB-12(9.5-10)

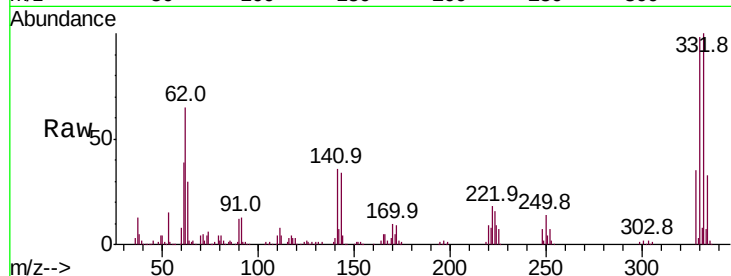
Tot Ion:330 Resp: 343194

Ion Ratio Lower Upper

330 100

332 103.1 81.4 122.2

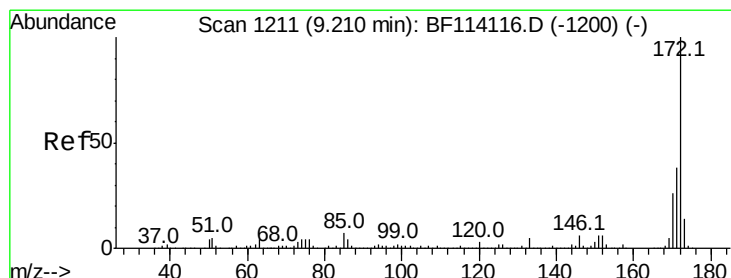
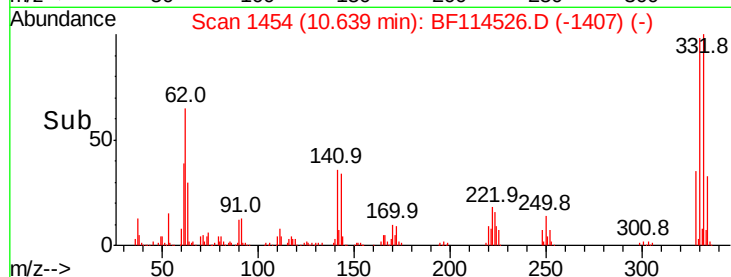
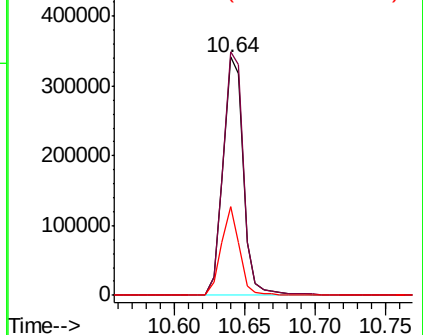
141 33.7 26.6 40.0



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: 68.449 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.02 min

Lab File: BF114526.D

Acq: 23 May 2019 15:15

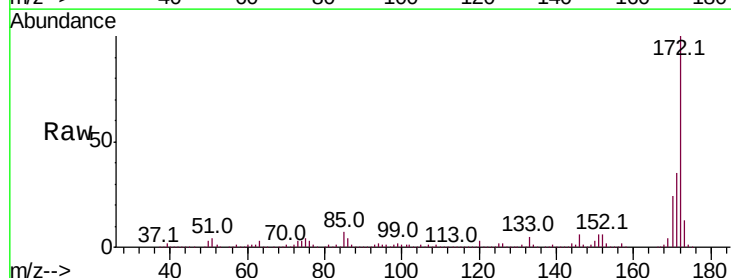
Tgt Ion:172 Resp: 1397618

Ion Ratio Lower Upper

172 100

171 35.4 30.7 46.1

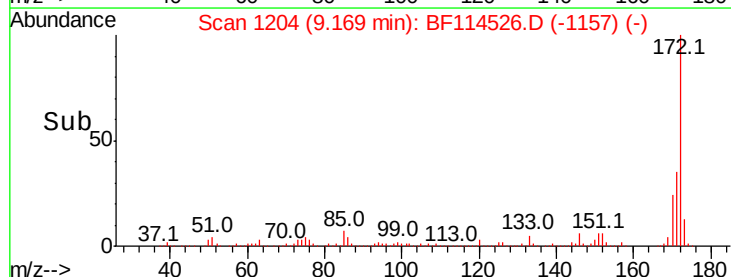
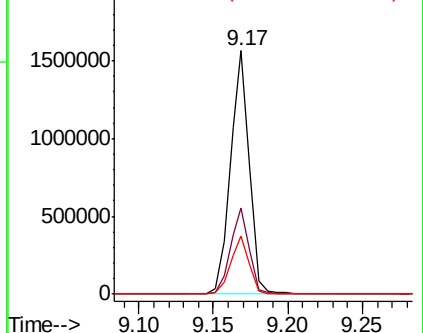
170 24.0 20.5 30.7

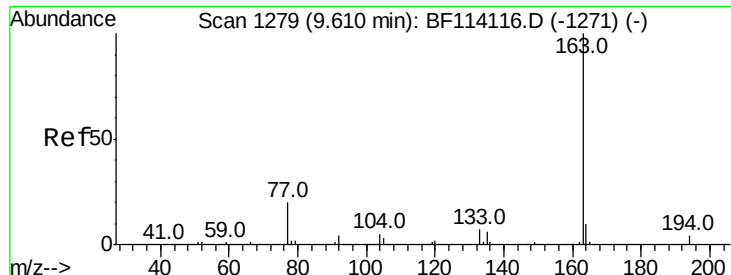


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

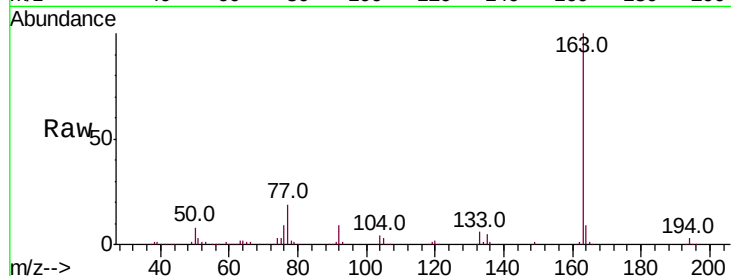




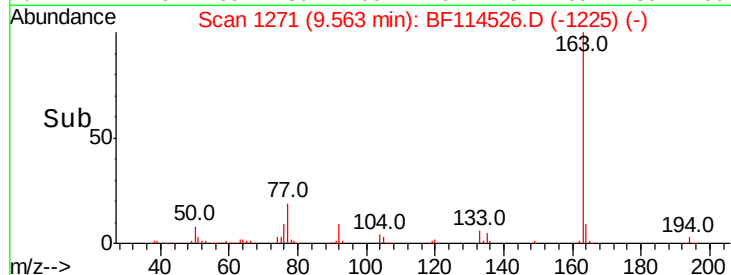
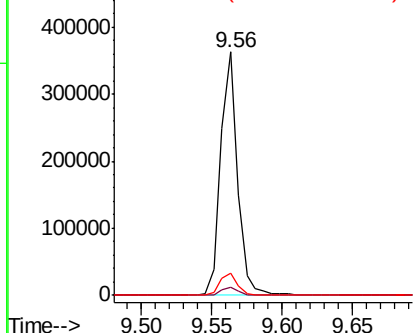
#50
Dimethylphthalate
Concen: 13.401 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.03 min
Lab File: BF114526.D
Acq: 23 May 2019 15:15

Instrument :
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Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.4	5.0
164	9.3	8.2	12.2

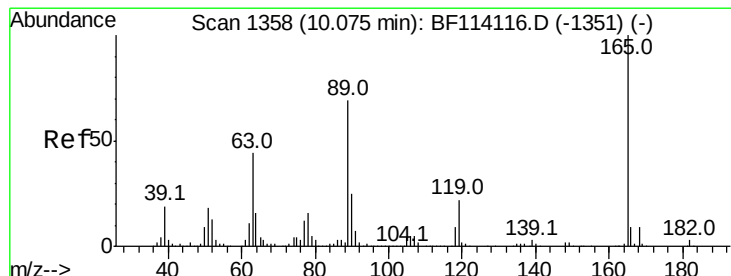


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

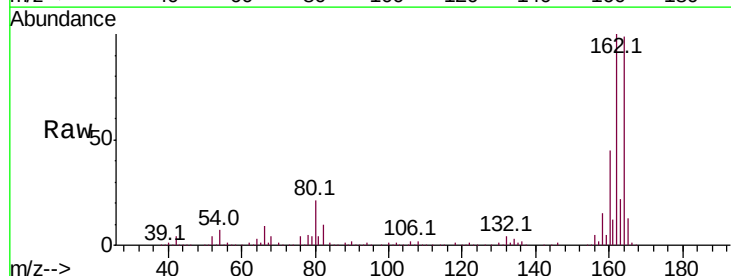
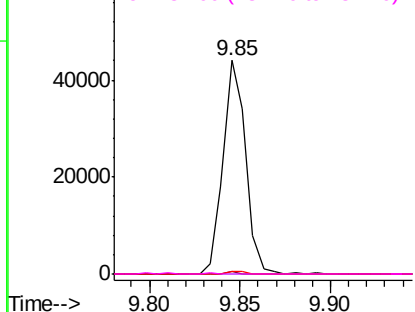


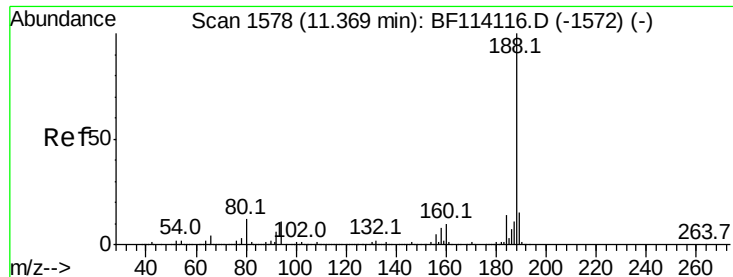
#57
2,4-Dinitrotoluene
Concen: 5.609 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.22 min
Lab File: BF114526.D
Acq: 23 May 2019 15:15

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	35.5	53.3#
89	1.2	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

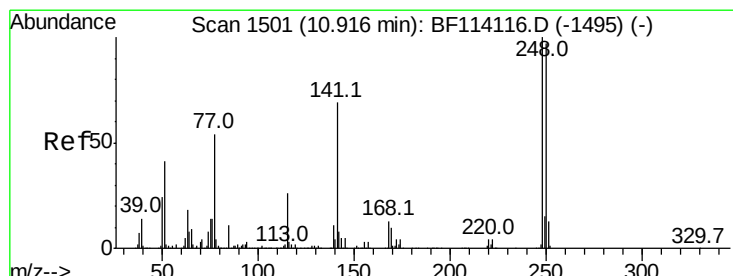
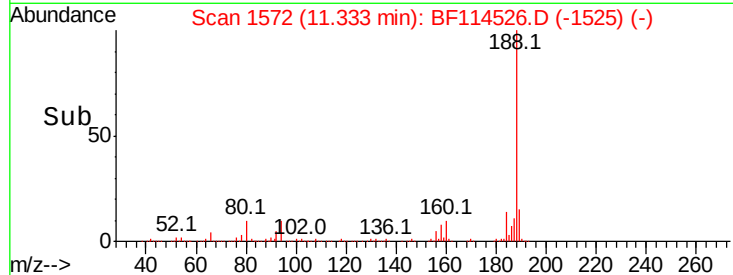
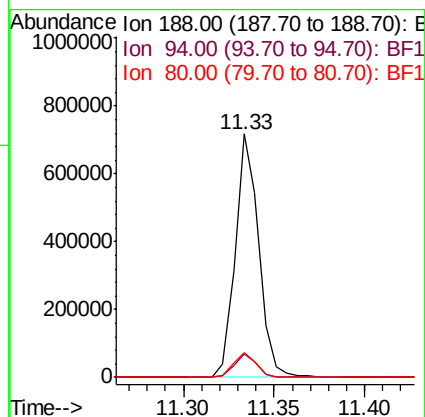
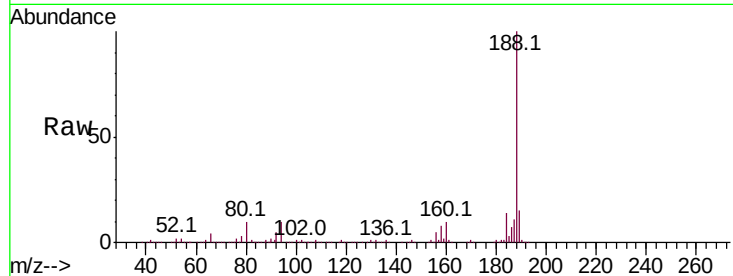




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.02 min
 Lab File: BF114526.D
 Acq: 23 May 2019 15:15

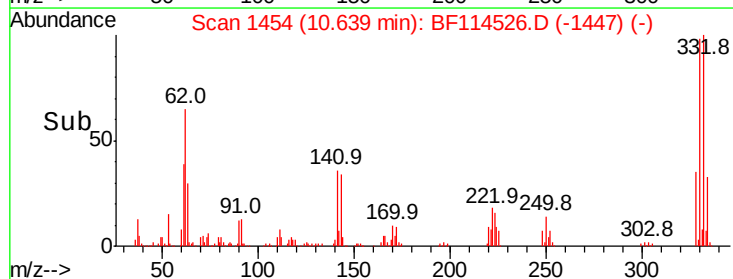
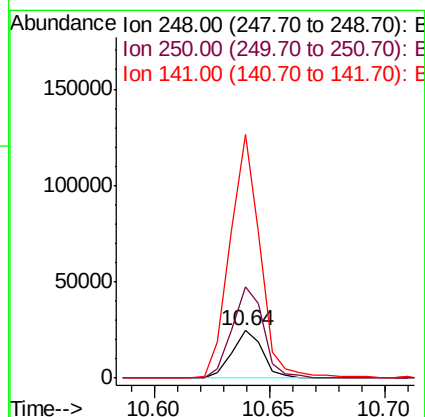
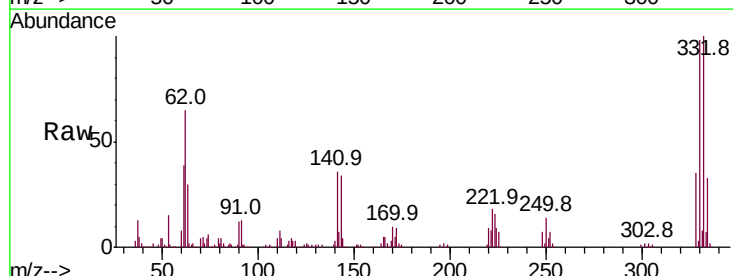
Instrument :
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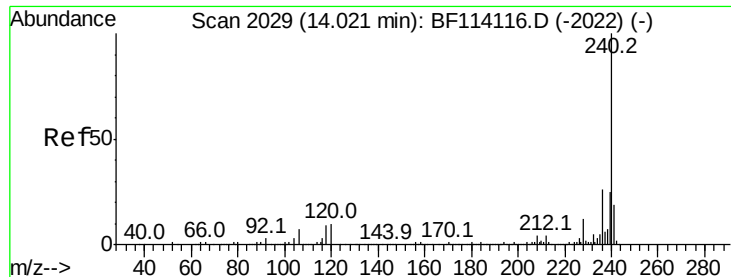
Tot Ion:188 Resp: 646418
 Ion Ratio Lower Upper
 188 100
 94 9.8 8.4 12.6
 80 10.3 9.2 13.8



#67
 4-Bromophenyl-phenylether
 Concen: 3.229 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.26 min
 Lab File: BF114526.D
 Acq: 23 May 2019 15:15

Tgt Ion:248 Resp: 22980
 Ion Ratio Lower Upper
 248 100
 250 191.0 77.4 116.2#
 141 512.1 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: BF114526.D

Acq: 23 May 2019 15:15

Instrument :

BNA_F

ClientSampleId :

FESB-12(9.5-10)

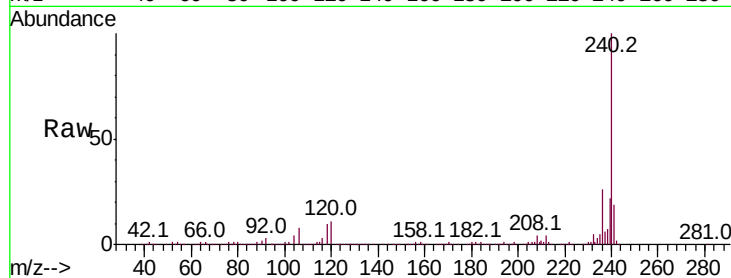
Tot Ion:240 Resp: 546455

Ion Ratio Lower Upper

240 100

120 11.0 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

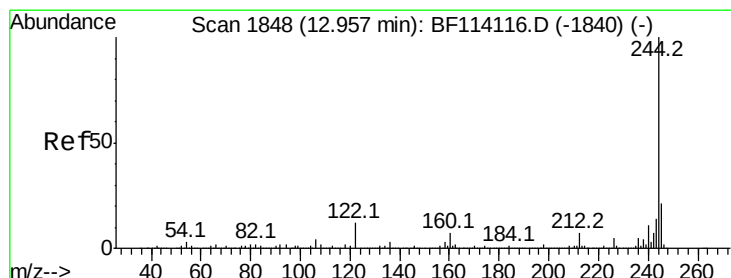
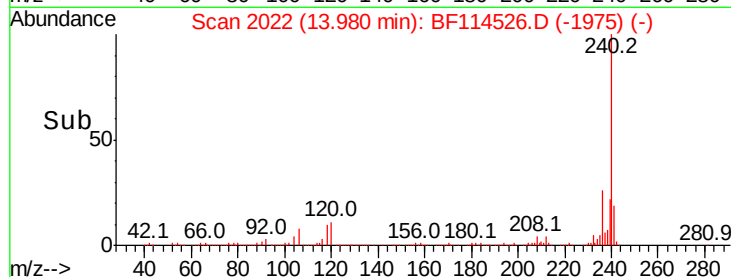
600000 13.98

400000

200000

0

Time--> 13.90 14.00



#79

Terphenyl-d14

Concen: 61.021 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.02 min

Lab File: BF114526.D

Acq: 23 May 2019 15:15

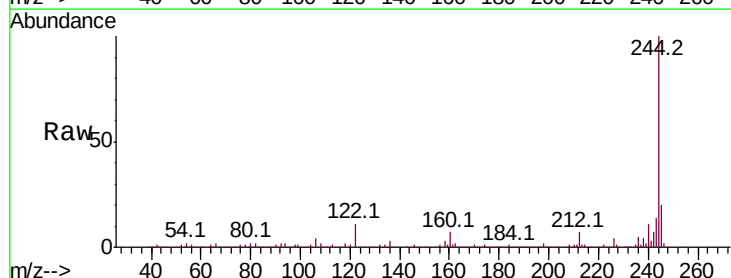
Tgt Ion:244 Resp: 1617582

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.6

122 11.0 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

2000000 12.92

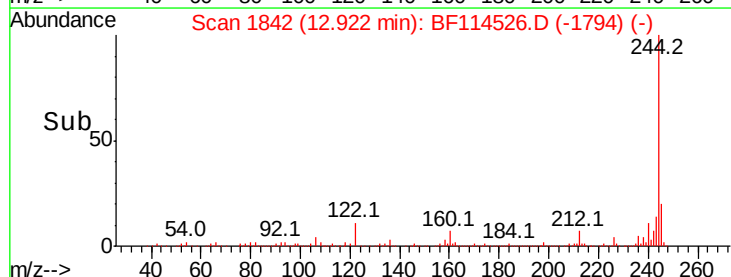
1500000

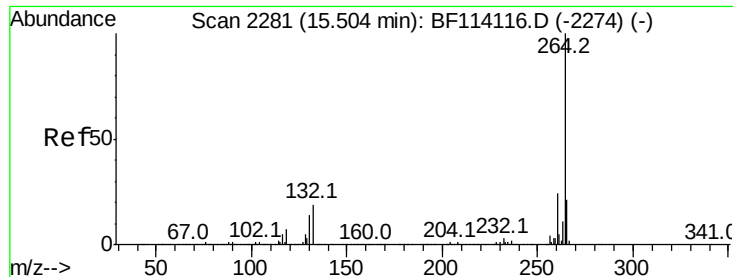
1000000

500000

0

Time--> 12.90 13.00





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.02 min
Lab File: BF114526.D
Acq: 23 May 2019 15:15

Instrument :
BNA_F
ClientSampleId :
FESB-12(9.5-10)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.0
265	22.1	16.9	25.3

