

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
 Data File : BF114565.D
 Acq On : 24 May 2019 13:03
 Operator : JU/SJ
 Sample : K2944-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FESB-6(4.5-5)

Quant Time: May 24 22:41:12 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

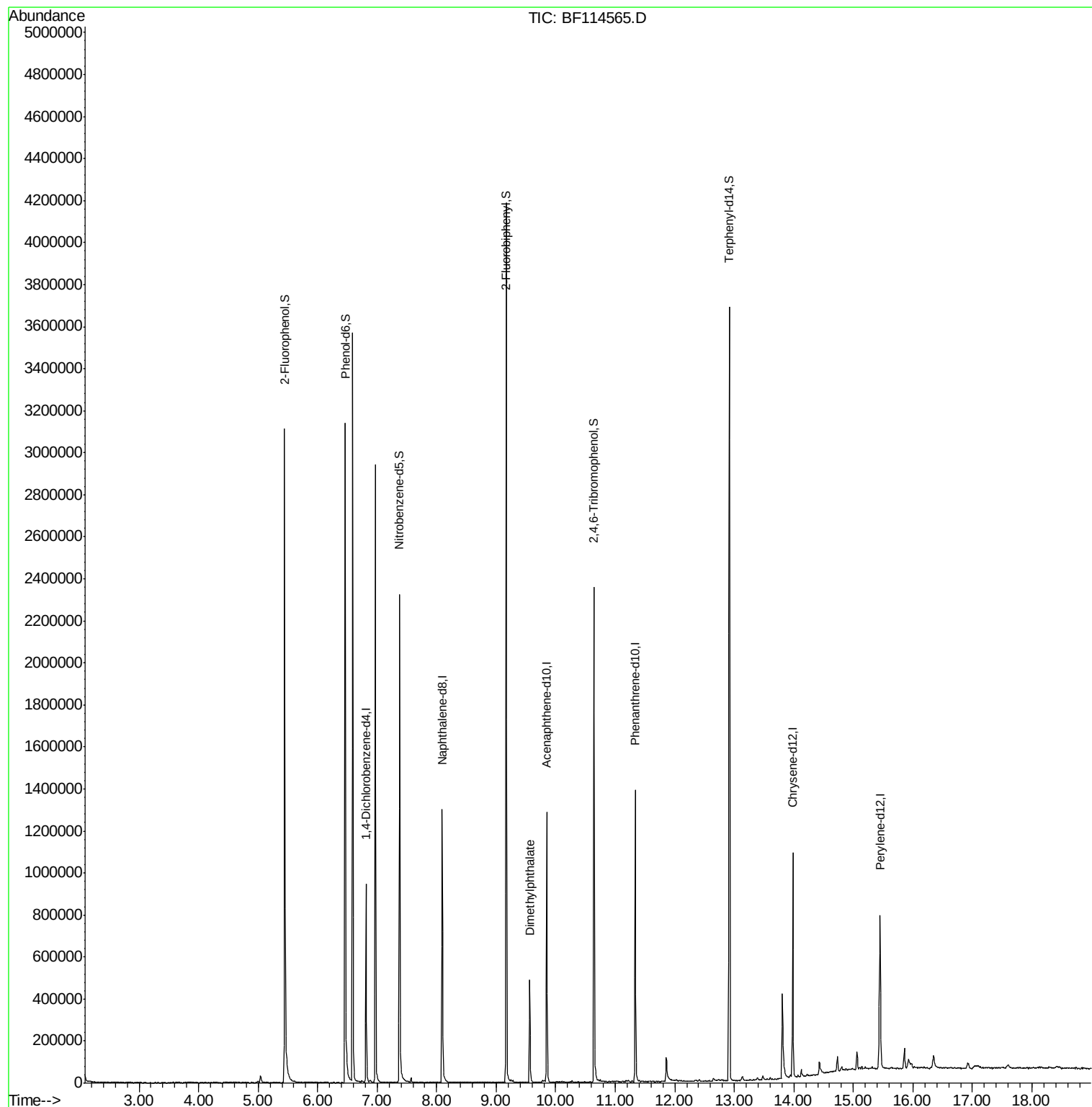
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	151923	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	576036	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	278898	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	551795	20.00	ng	0.00
76) Chrysene-d12	13.98	240	360974	20.00	ng	0.00
87) Perylene-d12	15.44	264	355814	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	923812	97.86	ng	0.00
7) Phenol-d6	6.46	99	1198482	107.34	ng	0.00
23) Nitrobenzene-d5	7.37	82	723625	70.50	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	284328	98.61	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1280934	69.47	ng	0.00
79) Terphenyl-d14	12.92	244	1330854	76.00	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.56	163	190842	9.321	ng	99

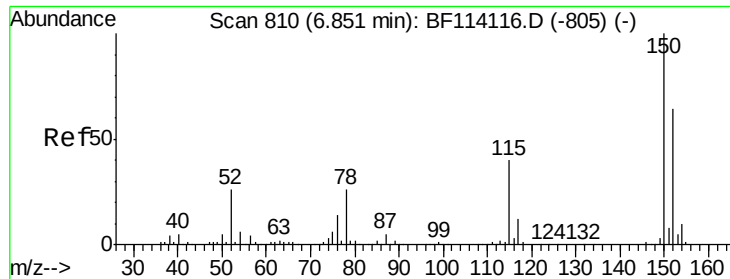
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.01 min

Lab File: BF114565.D

Acq: 24 May 2019 13:03

Instrument :

BNA_F

ClientSampleId :

FESB-6(4.5-5)

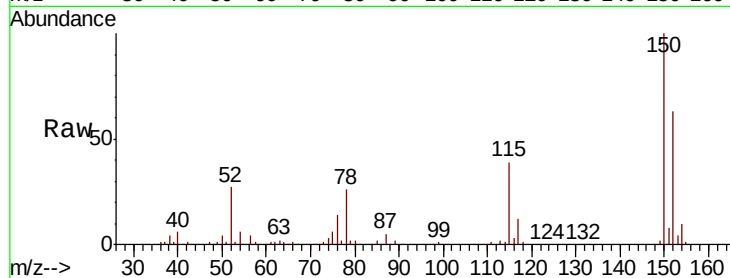
Tot Ion:152 Resp: 151923

Ion Ratio Lower Upper

152 100

150 159.5 124.3 186.5

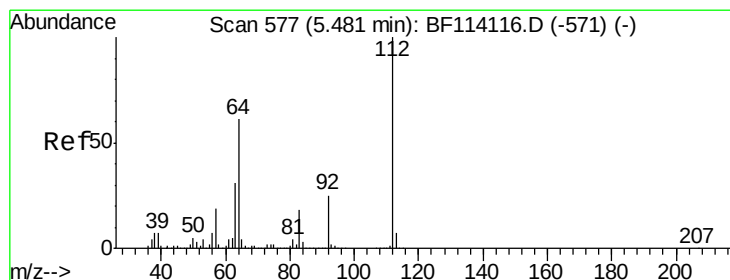
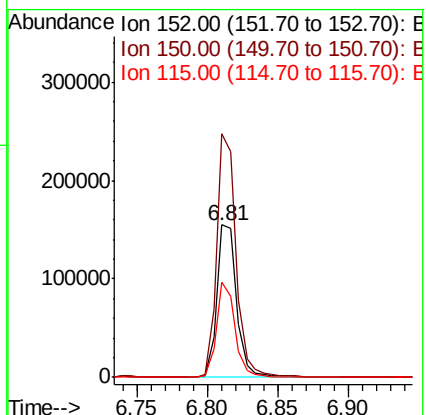
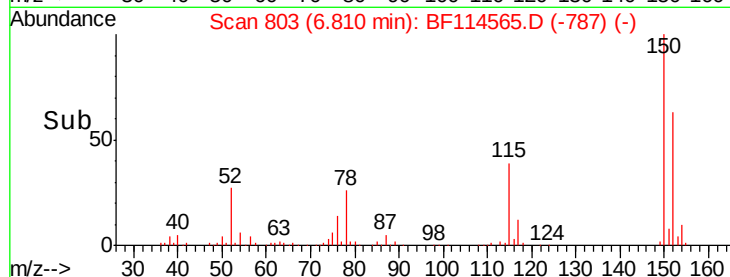
115 62.4 49.1 73.7



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: 97.856 ng

RT: 5.45 min Scan# 571

Delta R.T. -0.00 min

Lab File: BF114565.D

Acq: 24 May 2019 13:03

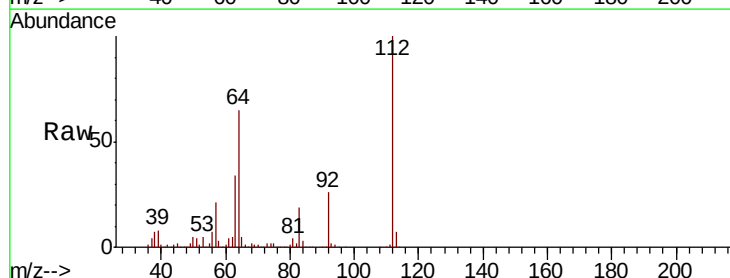
Tgt Ion:112 Resp: 923812

Ion Ratio Lower Upper

112 100

64 65.3 49.0 73.6

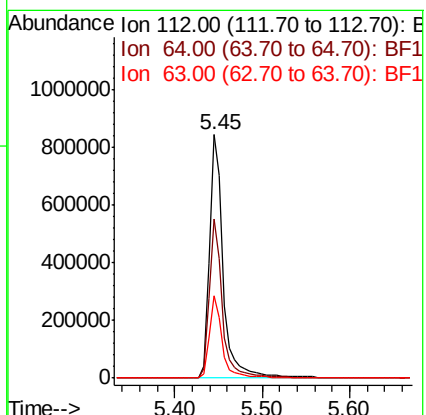
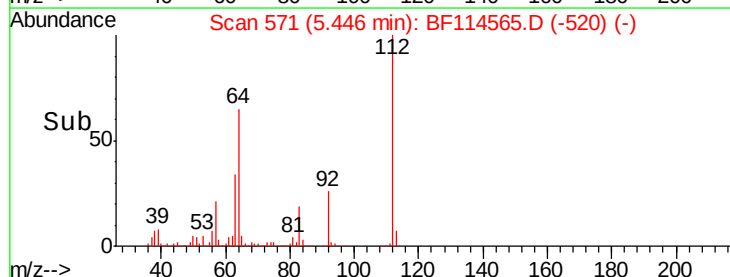
63 33.7 24.6 37.0

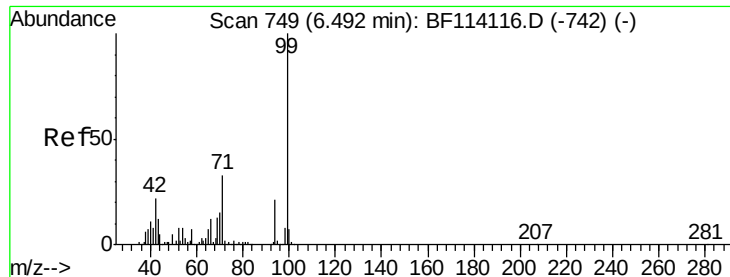


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 107.337 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF114565.D

Acq: 24 May 2019 13:03

Instrument :

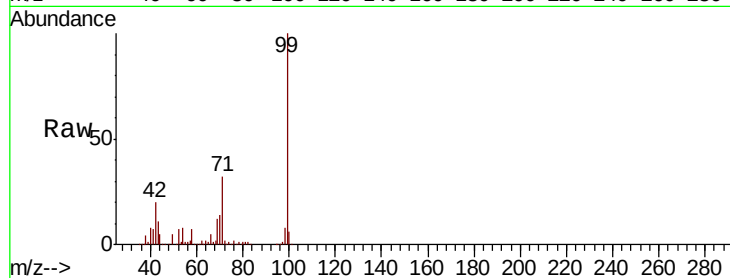
BNA_F

ClientSampleId :

FESB-6(4.5-5)

Tot Ion: 99 Resp: 1198482

Ion	Ratio	Lower	Upper
99	100		
42	20.4	17.9	26.9
71	31.6	26.2	39.2

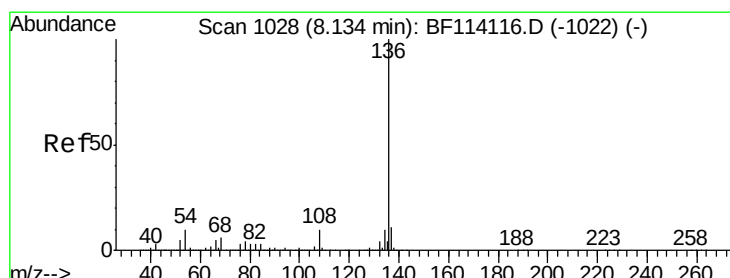
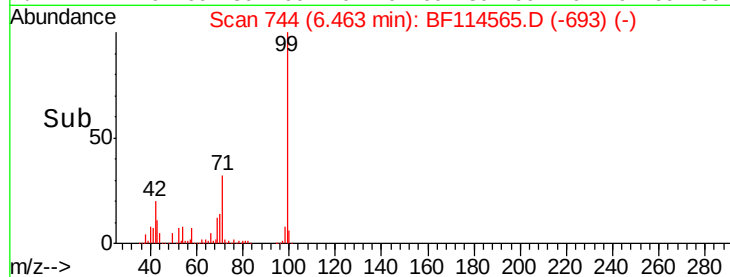


Abundance

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

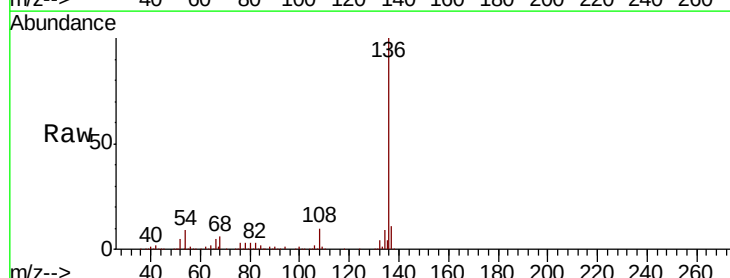
Delta R.T. -0.01 min

Lab File: BF114565.D

Acq: 24 May 2019 13:03

Tgt Ion: 136 Resp: 576036

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	9.0	7.8	11.8
68	6.0	5.1	7.7



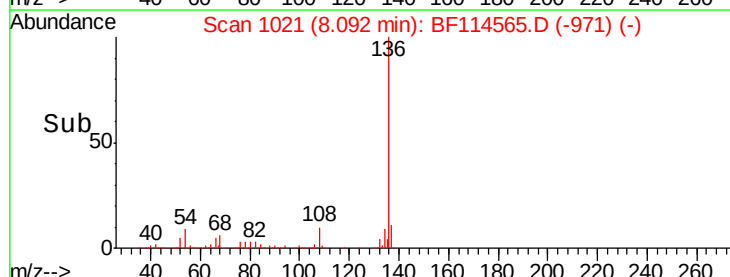
Abundance

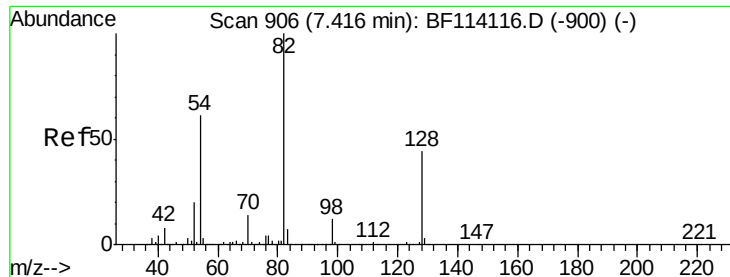
Ion 136.00 (135.70 to 136.70): E

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

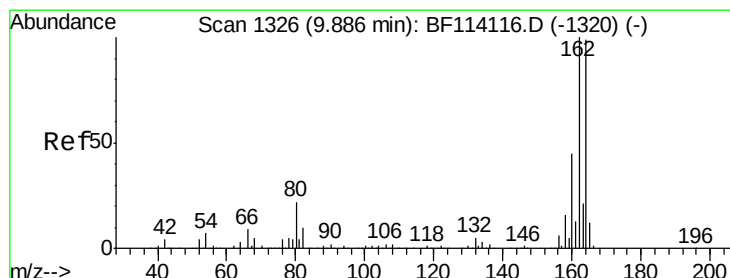
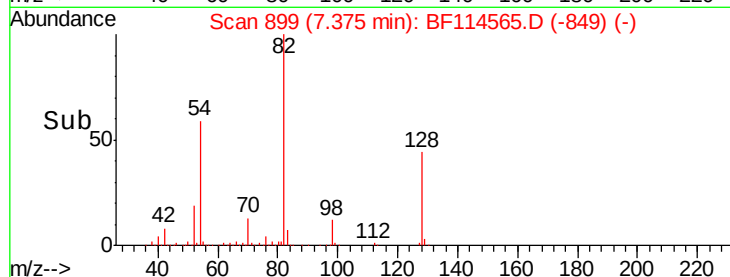
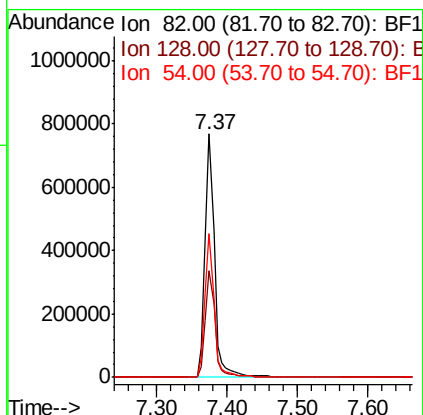
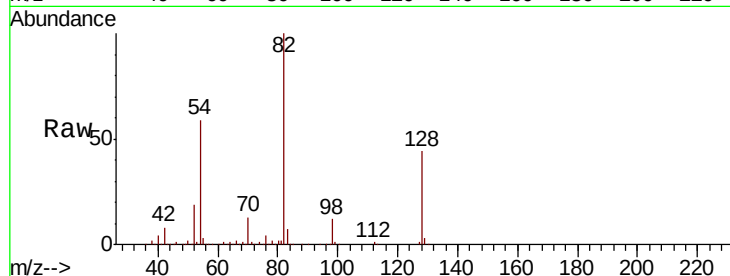




#23
Nitrobenzene-d5
Concen: 70.499 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF114565.D
Acq: 24 May 2019 13:03

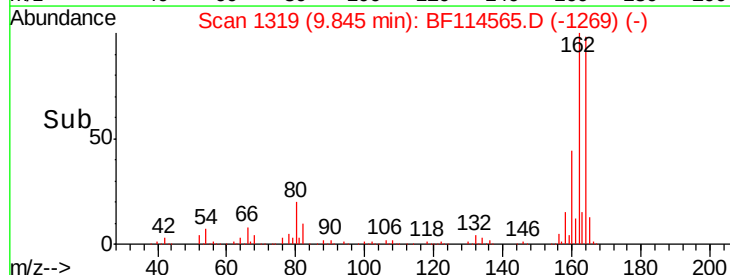
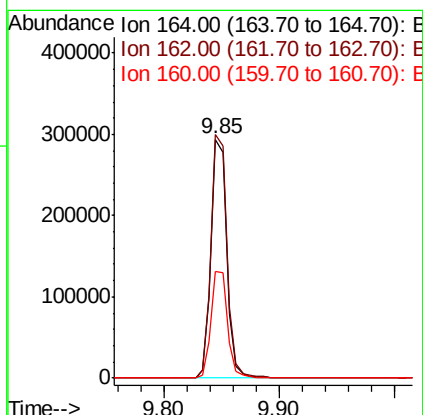
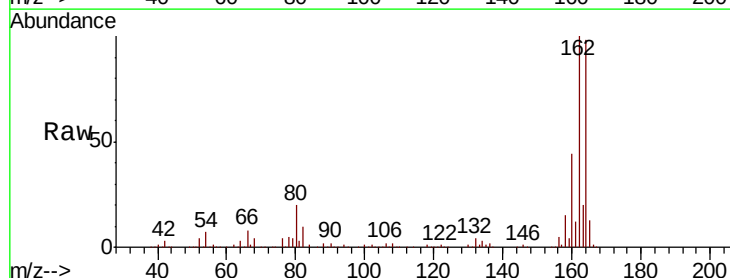
Instrument :
BNA_F
ClientSampleId :
FESB-6(4.5-5)

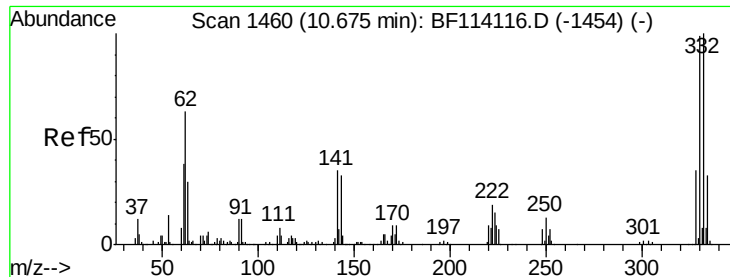
Tot Ion: 82 Resp: 723625
Ion Ratio Lower Upper
82 100
128 44.0 35.5 53.3
54 59.1 48.5 72.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF114565.D
Acq: 24 May 2019 13:03

Tgt Ion: 164 Resp: 278898
Ion Ratio Lower Upper
164 100
162 101.9 80.6 120.8
160 44.6 36.5 54.7

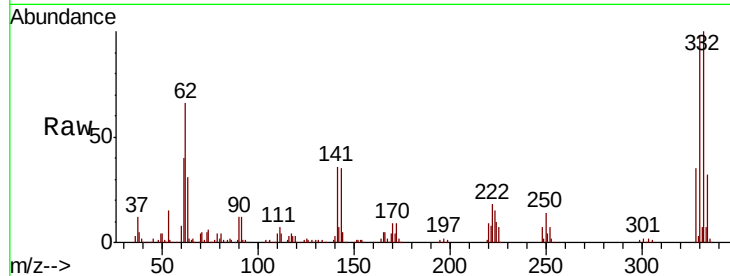




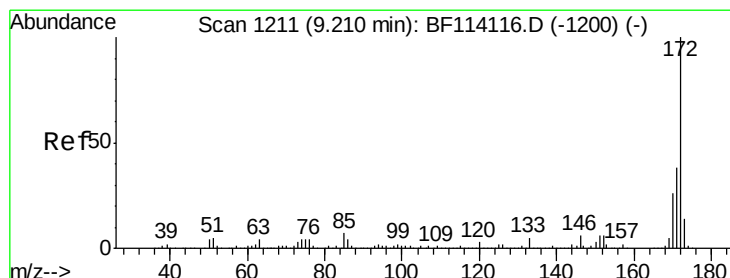
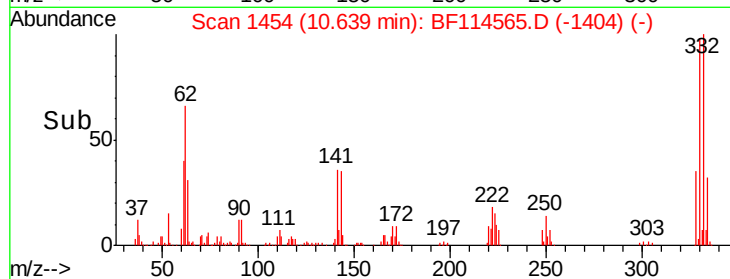
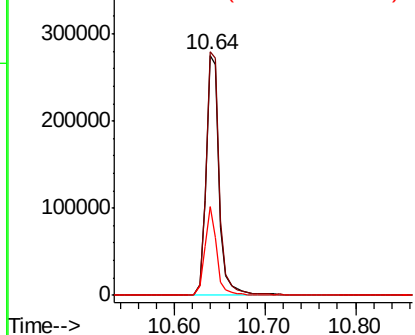
#42
 2,4,6-Tribromophenol
 Concen: 98.611 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF114565.D
 Acq: 24 May 2019 13:03

Instrument :
 BNA_F
 ClientSampleId :
 FESB-6(4.5-5)

Tot Ion:330 Resp: 284328
 Ion Ratio Lower Upper
 330 100
 332 102.0 81.4 122.2
 141 33.4 26.6 40.0

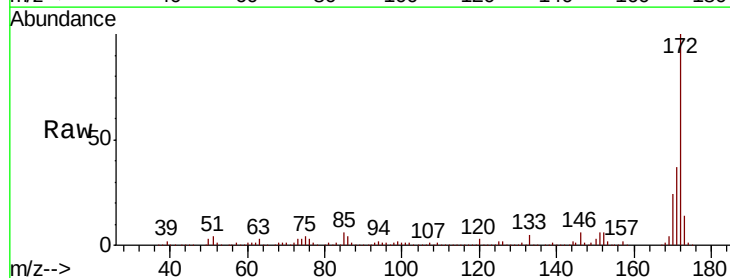


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

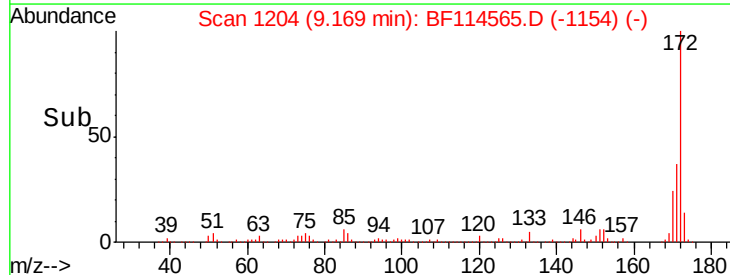
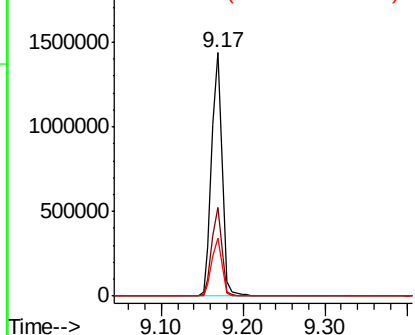


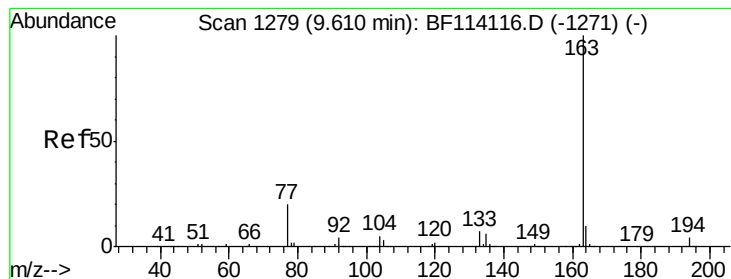
#45
 2-Fluorobiphenyl
 Concen: 69.474 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF114565.D
 Acq: 24 May 2019 13:03

Tgt Ion:172 Resp: 1280934
 Ion Ratio Lower Upper
 172 100
 171 36.5 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: 9.321 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF114565.D

Acq: 24 May 2019 13:03

Instrument :

BNA_F

ClientSampleId :

FESB-6(4.5-5)

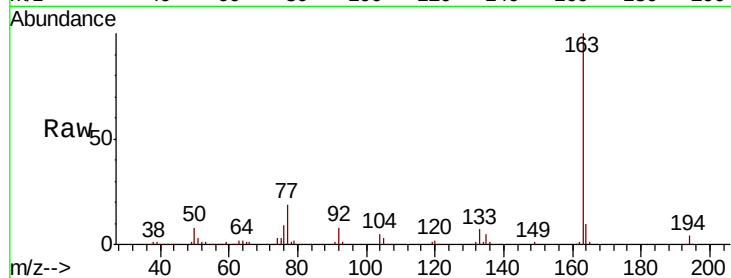
Tot Ion:163 Resp: 190842

Ion Ratio Lower Upper

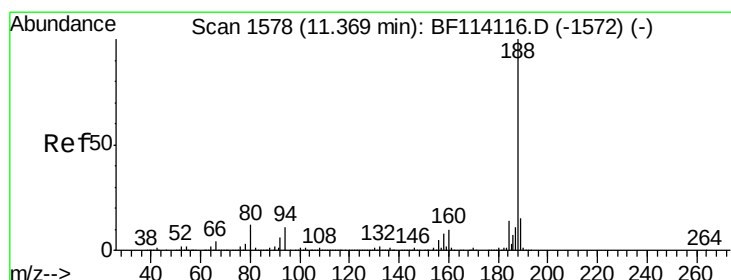
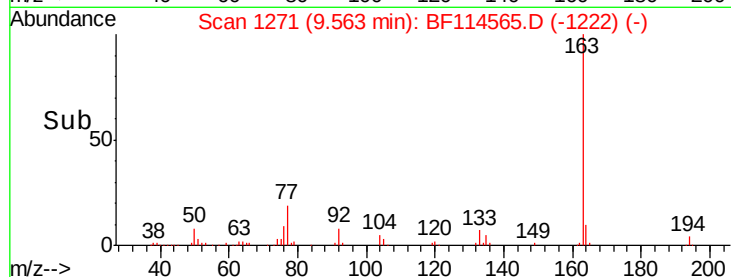
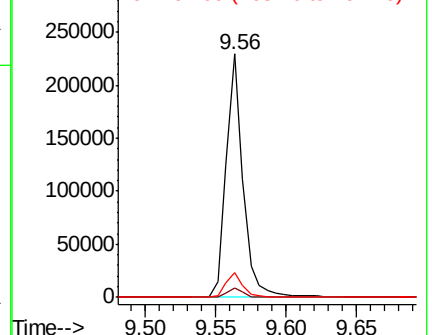
163 100

194 3.7 3.4 5.0

164 10.0 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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF114565.D

Acq: 24 May 2019 13:03

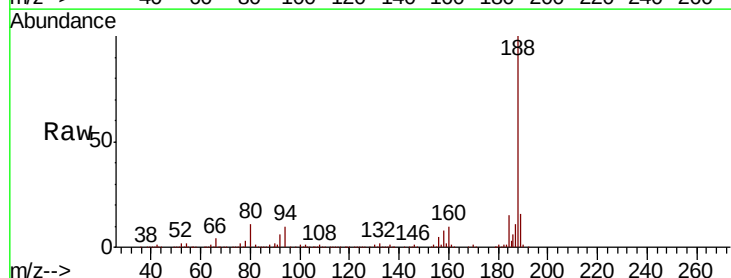
Tgt Ion:188 Resp: 551795

Ion Ratio Lower Upper

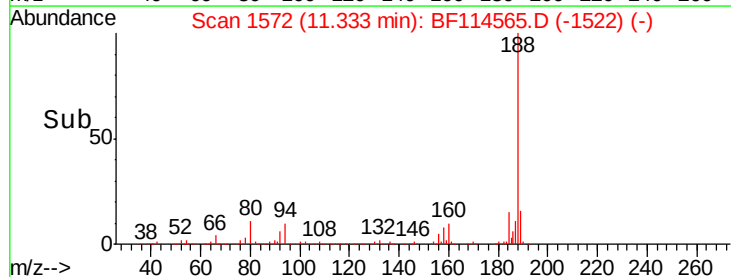
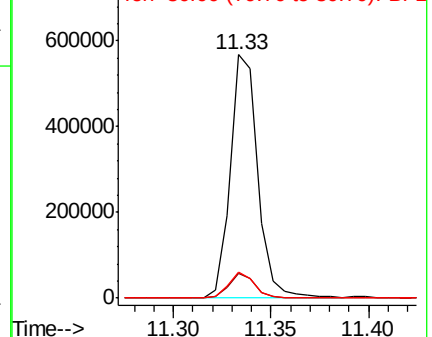
188 100

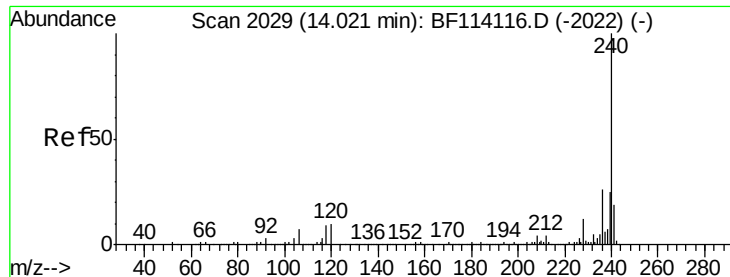
94 10.0 8.4 12.6

80 10.8 9.2 13.8



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

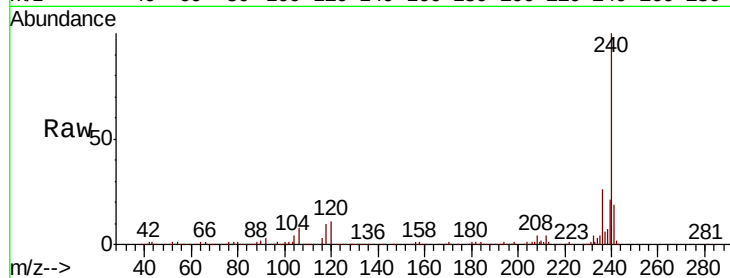




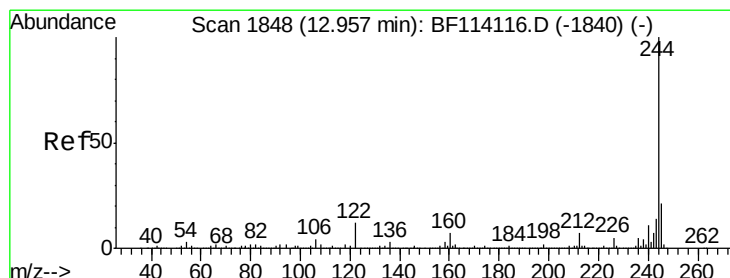
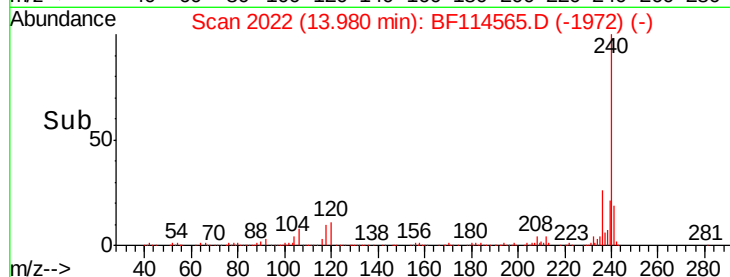
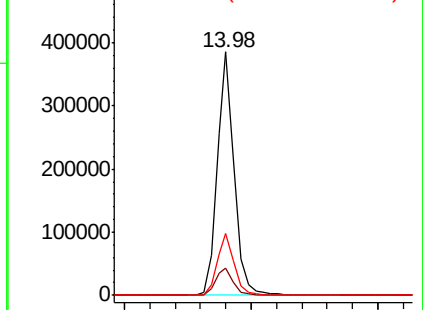
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF114565.D
 Acq: 24 May 2019 13:03

Instrument :
 BNA_F
 ClientSampleId :
 FESB-6(4.5-5)

Tot Ion:240 Resp: 360974
 Ion Ratio Lower Upper
 240 100
 120 11.2 8.3 12.5
 236 25.6 20.8 31.2

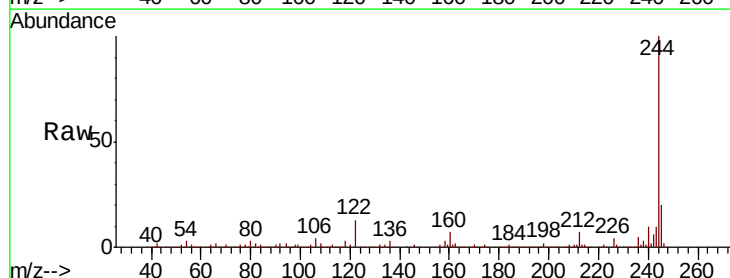


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

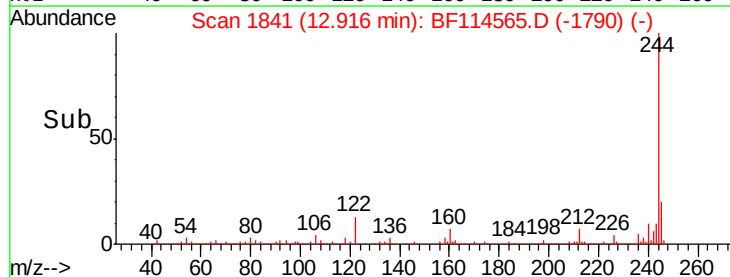
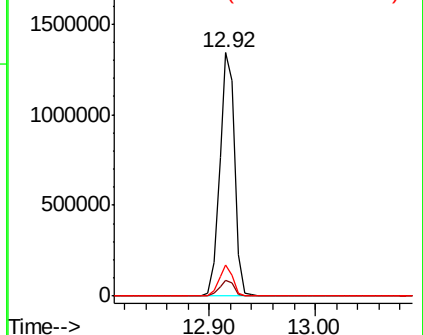


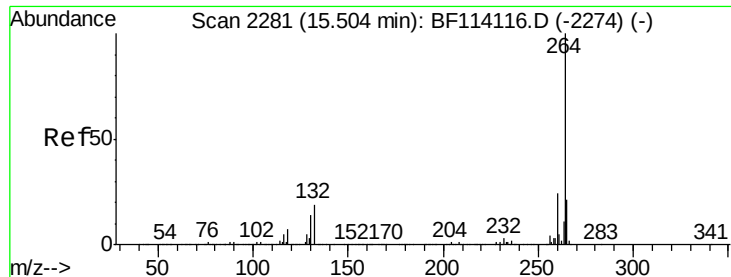
#79
 Terphenyl-d14
 Concen: 76.002 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BF114565.D
 Acq: 24 May 2019 13:03

Tgt Ion:244 Resp: 1330854
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.8 8.6
 122 12.6 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. -0.01 min
 Lab File: BF114565.D
 Acq: 24 May 2019 13:03

Instrument :
 BNA_F
 ClientSampleId :
 FESB-6(4.5-5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.0
265	20.3	16.9	25.3

