

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051519\
 Data File : BF114282.D
 Acq On : 15 May 2019 13:55
 Operator : JU/SJ
 Sample : K2845-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FEBH-02

Quant Time: May 16 07:31:31 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 10 15:56:46 2019
 Response via : Initial Calibration

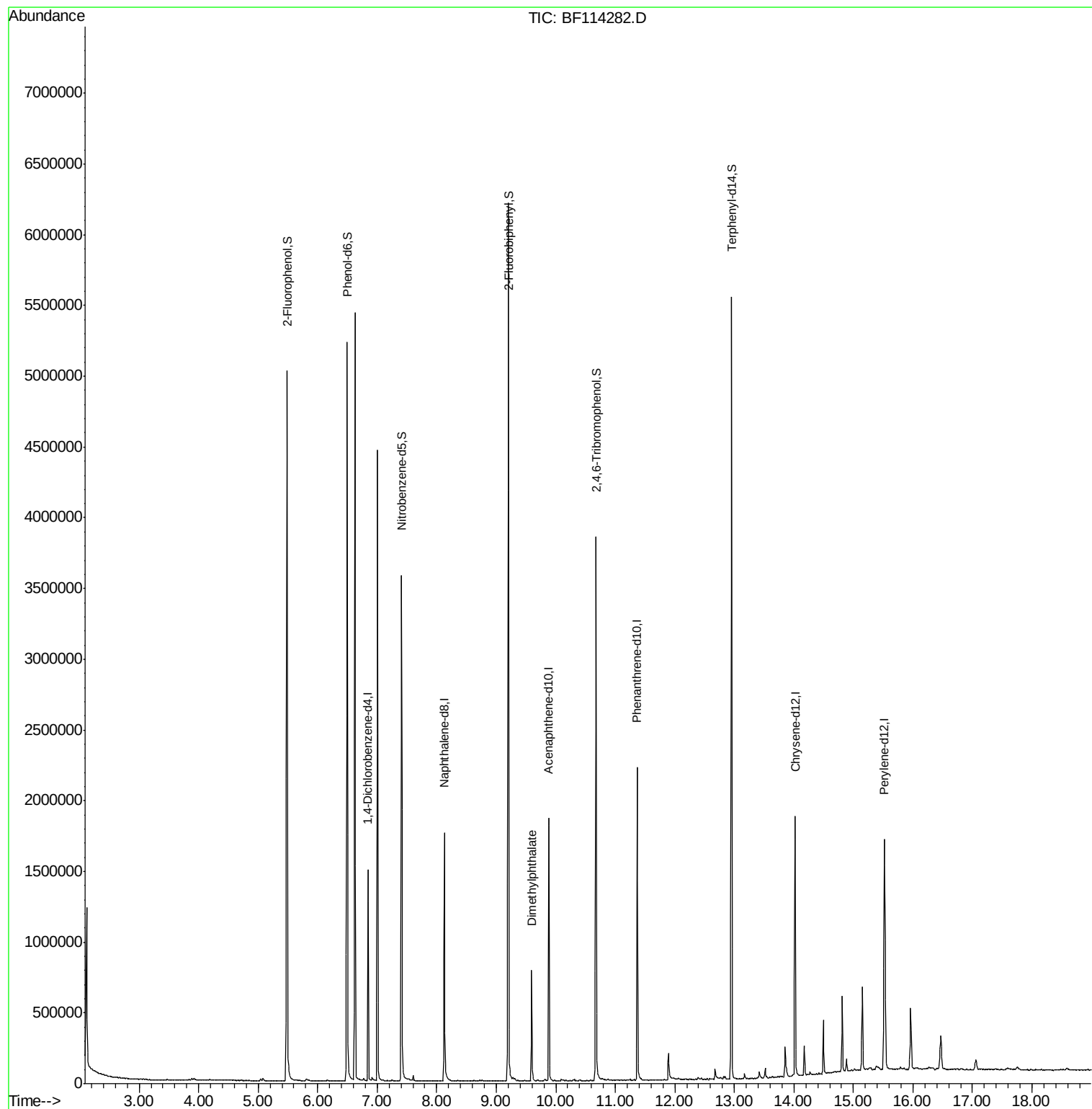
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	216556	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	831784	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	393144	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	823814	20.00	ng	0.00
76) Chrysene-d12	14.02	240	658174	20.00	ng	0.00
87) Perylene-d12	15.52	264	668004	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1440297	107.03	ng	0.00
7) Phenol-d6	6.50	99	1897525	119.22	ng	0.00
23) Nitrobenzene-d5	7.41	82	1192923	80.49	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	465818	114.61	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1912410	73.58	ng	0.00
79) Terphenyl-d14	12.95	244	2106440	65.97	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.60	163	362657	12.566	ng	Qvalue 99

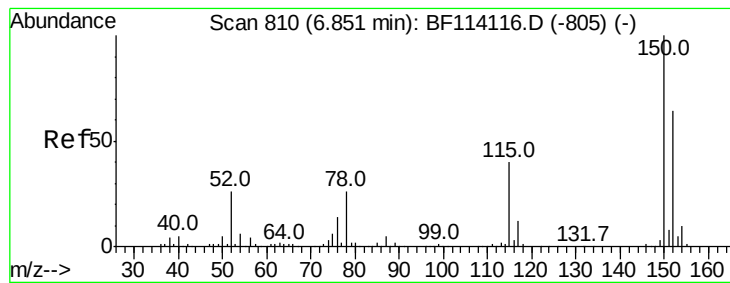
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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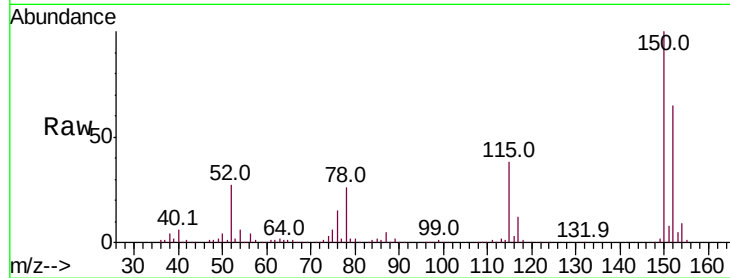


#1

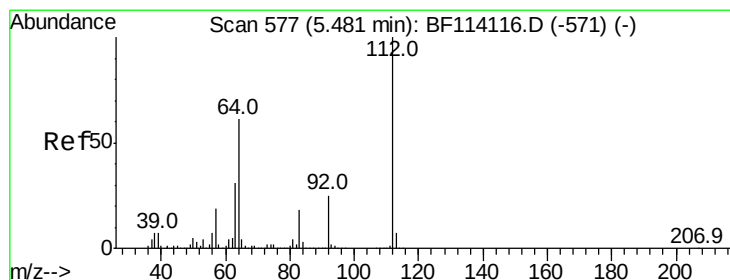
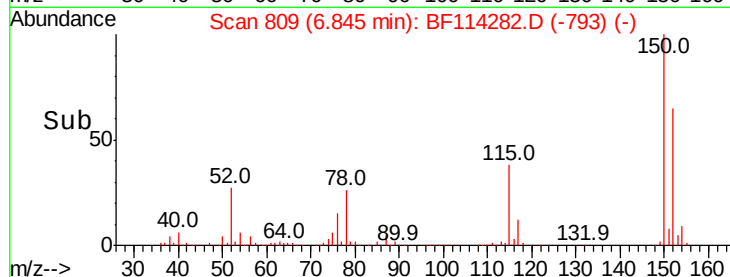
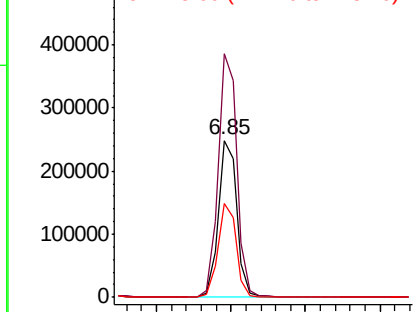
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF114282.D
Acq: 15 May 2019 13:55

Instrument :
BNA_F
ClientSampleId :
FEBH-02

Tot Ion:152 Resp: 216556
Ion Ratio Lower Upper
152 100
150 154.9 124.3 186.5
115 59.3 49.1 73.7



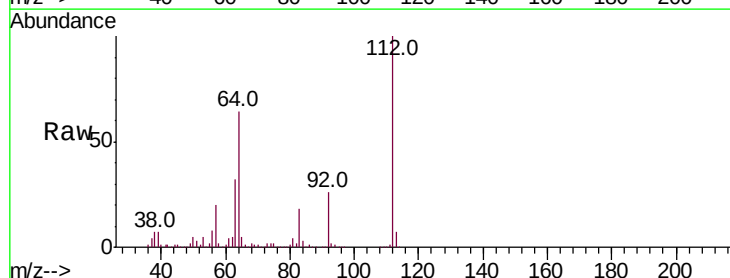
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



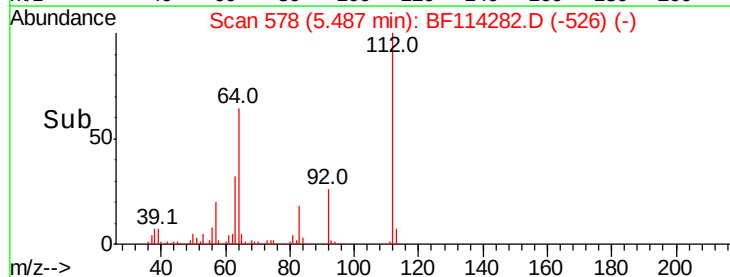
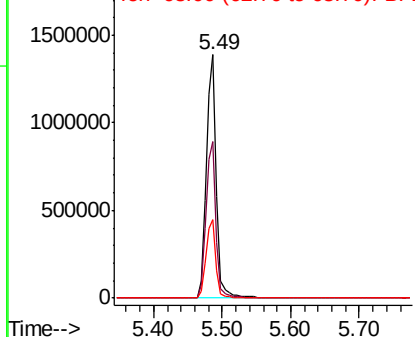
#5

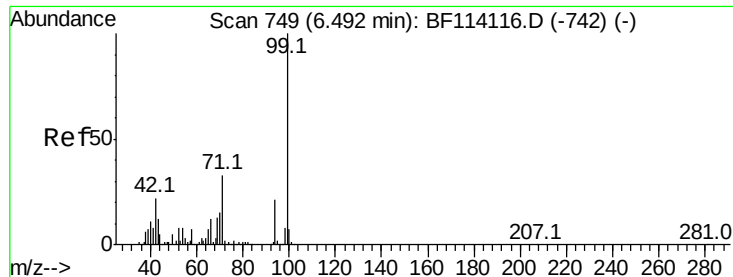
2-Fluorophenol
Concen: 107.031 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF114282.D
Acq: 15 May 2019 13:55

Tgt Ion:112 Resp: 1440297
Ion Ratio Lower Upper
112 100
64 64.3 49.0 73.6
63 32.4 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: 119.222 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF114282.D

Acq: 15 May 2019 13:55

Instrument :

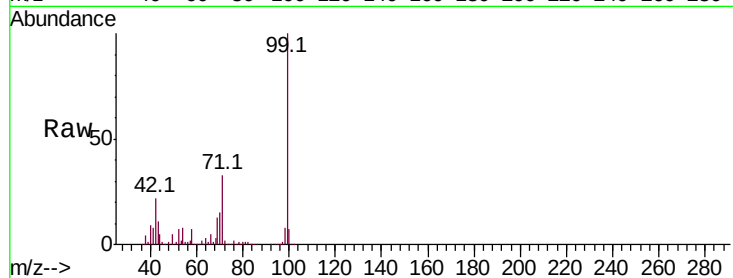
BNA_F

ClientSampleId :

FEBH-02

Tot Ion: 99 Resp: 1897525

Ion	Ratio	Lower	Upper
99	100		
42	22.0	17.9	26.9
71	32.6	26.2	39.2

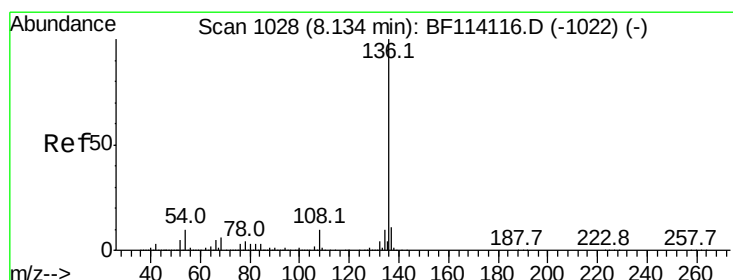
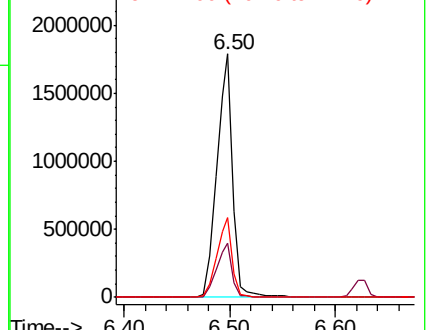
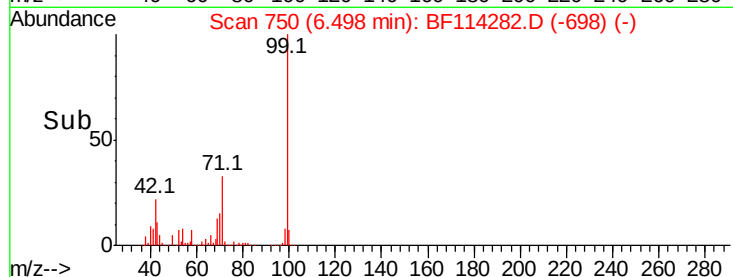


Abundance

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: 8.13 min Scan# 1027

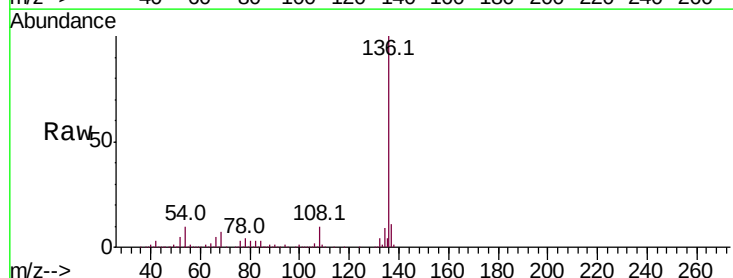
Delta R.T. -0.01 min

Lab File: BF114282.D

Acq: 15 May 2019 13:55

Tgt Ion: 136 Resp: 831784

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	9.7	7.8	11.8
68	6.8	5.1	7.7



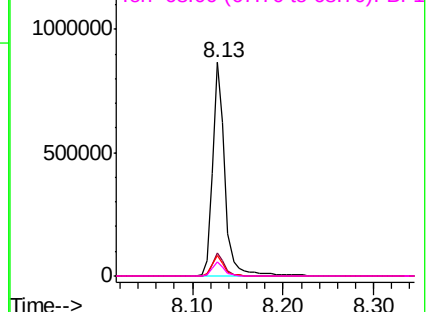
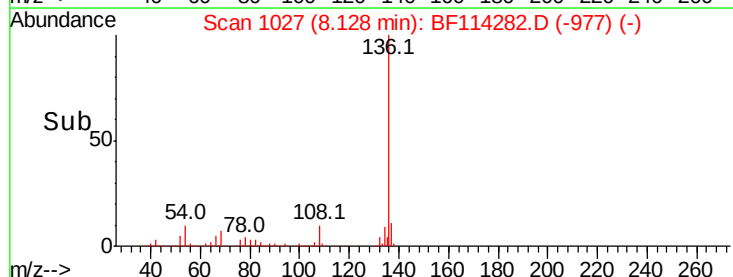
Abundance

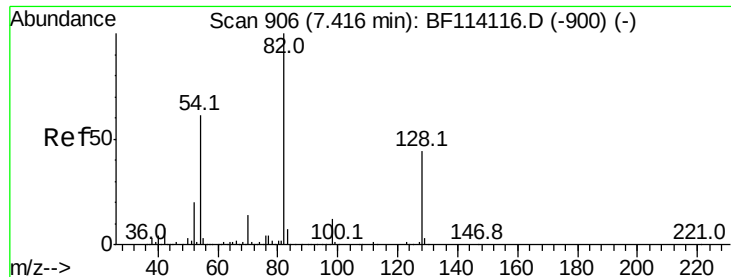
Ion 136.00 (135.70 to 136.70): E

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



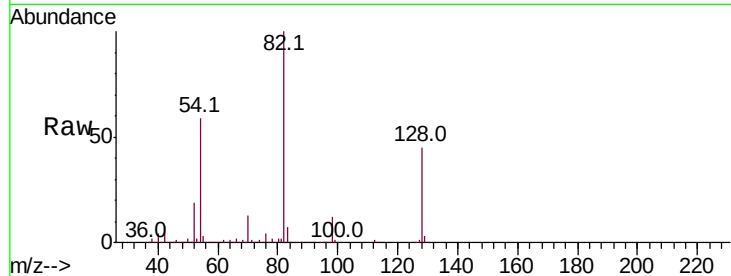


#23
 Nitrobenzene-d5
 Concen: 80.486 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF114282.D
 Acq: 15 May 2019 13:55

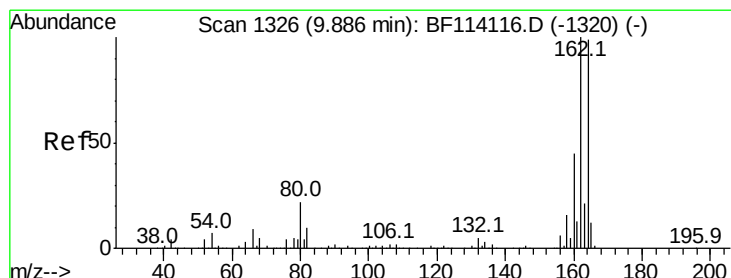
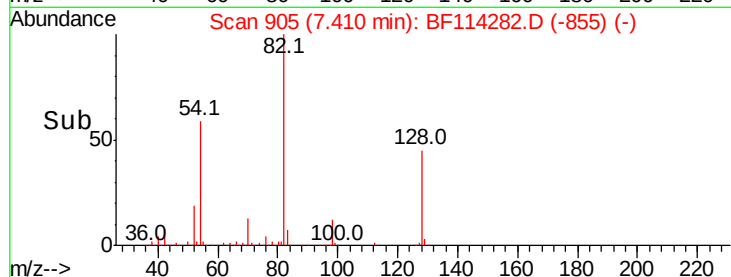
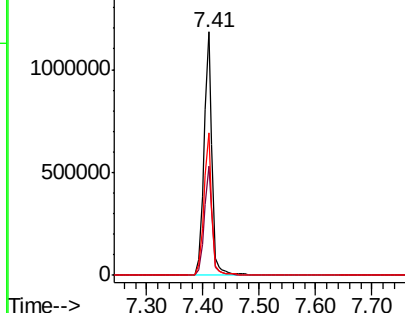
Instrument :
 BNA_F
 ClientSampleId :
 FEBH-02

Tot Ion: 82 Resp: 1192923

Ion	Ratio	Lower	Upper
82	100		
128	44.7	35.5	53.3
54	58.7	48.5	72.7



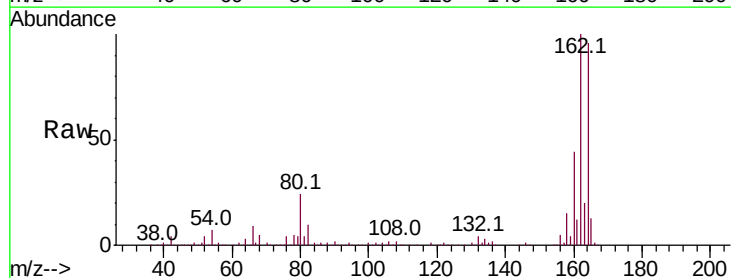
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1



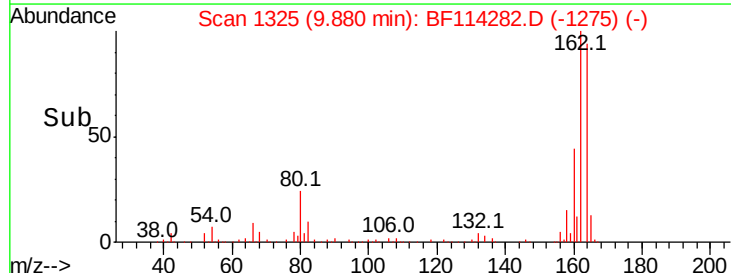
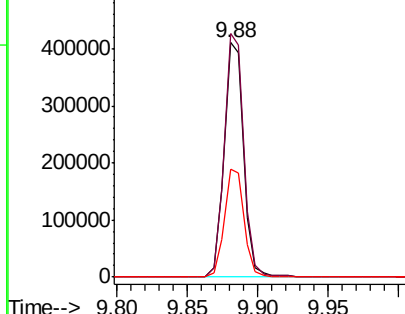
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF114282.D
 Acq: 15 May 2019 13:55

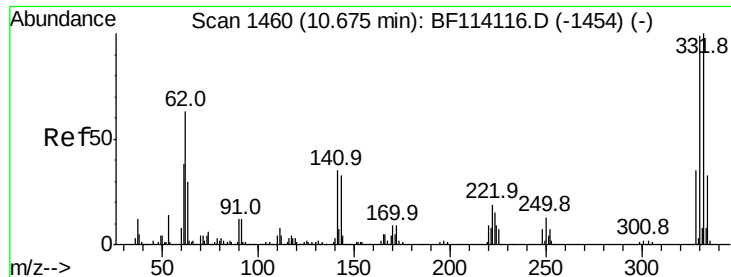
Tgt Ion:164 Resp: 393144

Ion	Ratio	Lower	Upper
164	100		
162	103.8	80.6	120.8
160	45.8	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: 114.608 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BF114282.D

Acq: 15 May 2019 13:55

Instrument :

BNA_F

ClientSampleId :

FEBH-02

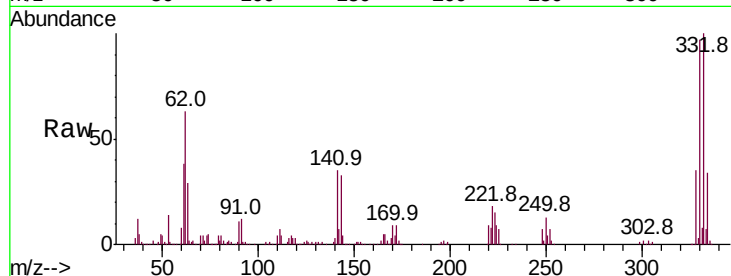
Tot Ion:330 Resp: 465818

Ion Ratio Lower Upper

330 100

332 103.8 81.4 122.2

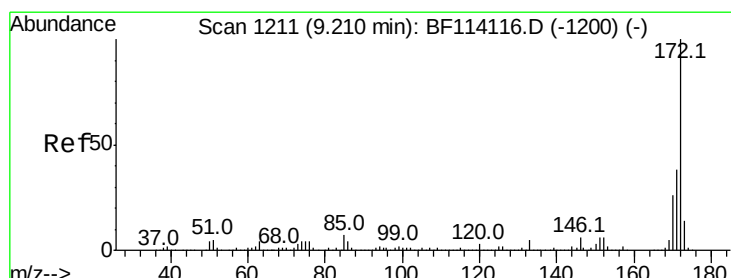
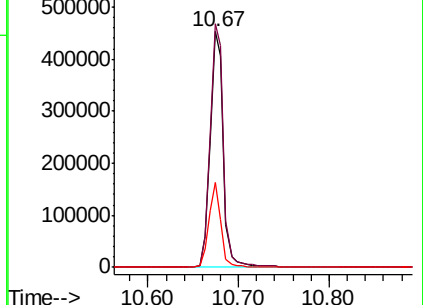
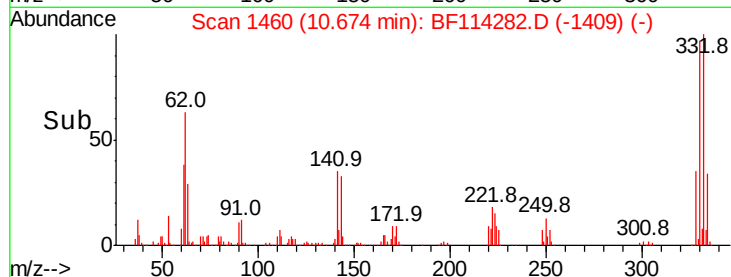
141 33.3 26.6 40.0



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: 73.582 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF114282.D

Acq: 15 May 2019 13:55

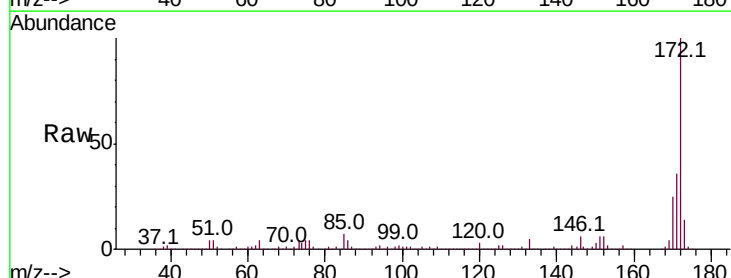
Tgt Ion:172 Resp: 1912410

Ion Ratio Lower Upper

172 100

171 36.1 30.7 46.1

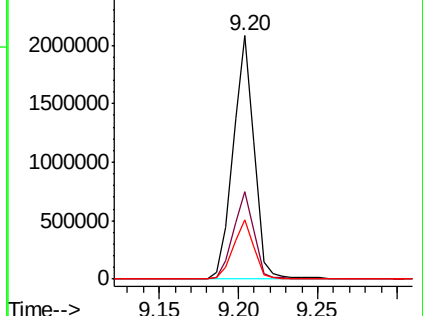
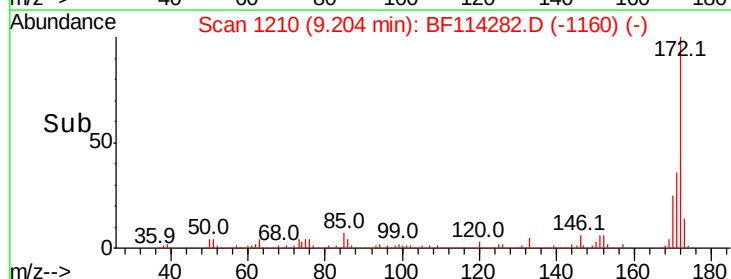
170 24.5 20.5 30.7

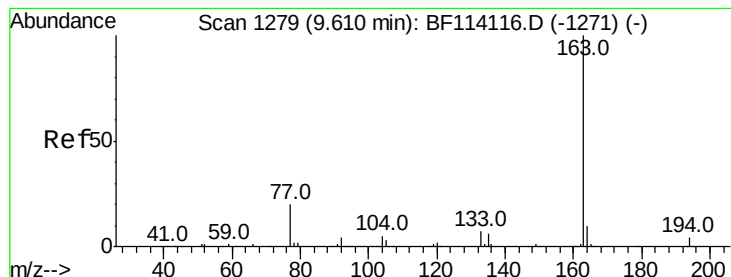


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 12.566 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF114282.D

Acq: 15 May 2019 13:55

Instrument :

BNA_F

ClientSampleId :

FEBH-02

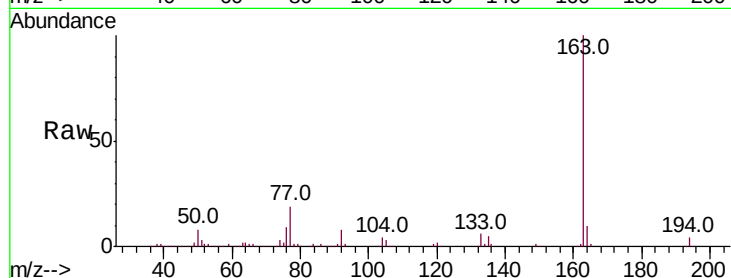
Tot Ion:163 Resp: 362657

Ion Ratio Lower Upper

163 100

194 3.6 3.4 5.0

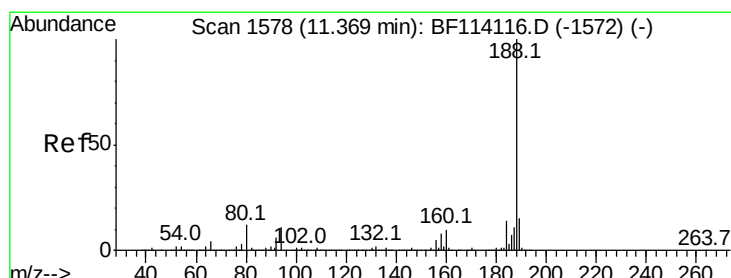
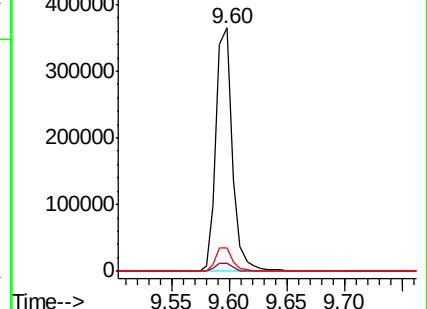
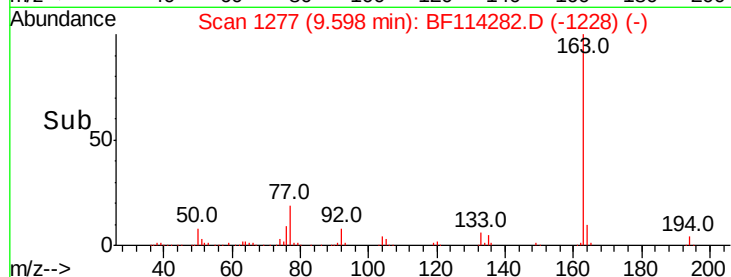
164 9.9 8.2 12.2



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: 11.37 min Scan# 1578

Delta R.T. -0.00 min

Lab File: BF114282.D

Acq: 15 May 2019 13:55

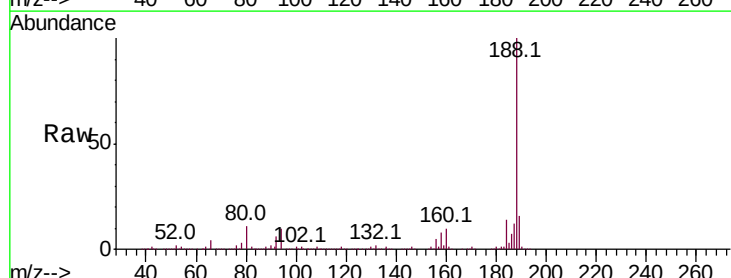
Tgt Ion:188 Resp: 823814

Ion Ratio Lower Upper

188 100

94 10.5 8.4 12.6

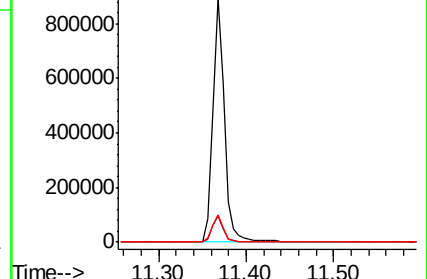
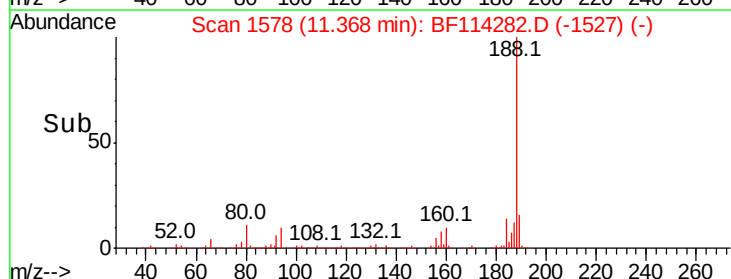
80 11.5 9.2 13.8

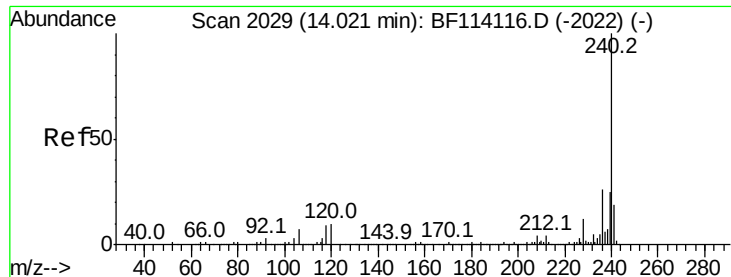


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.02 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BF114282.D

Acq: 15 May 2019 13:55

Instrument :

BNA_F

ClientSampleId :

FEBH-02

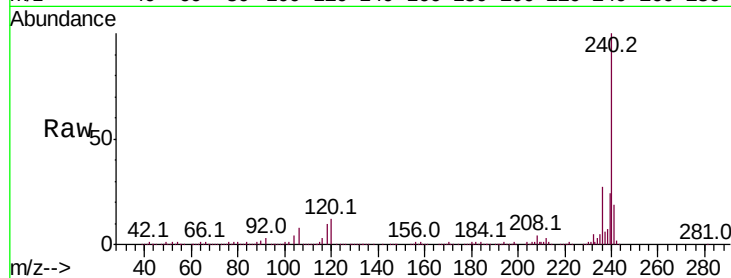
Tot Ion:240 Resp: 658174

Ion Ratio Lower Upper

240 100

120 12.3 8.3 12.5

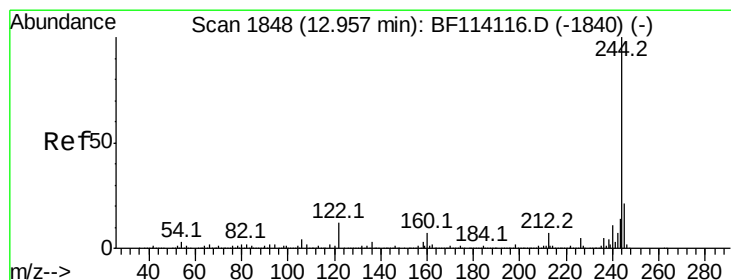
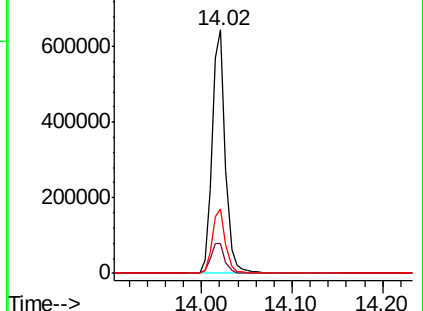
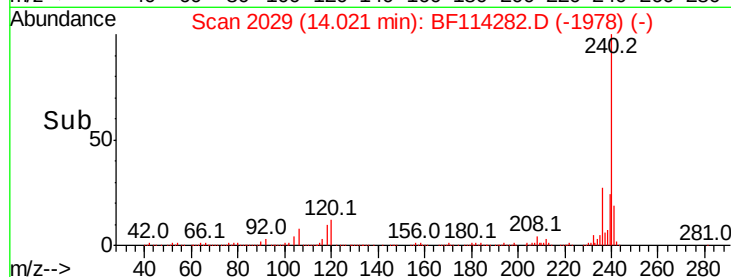
236 26.7 20.8 31.2



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: 65.975 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF114282.D

Acq: 15 May 2019 13:55

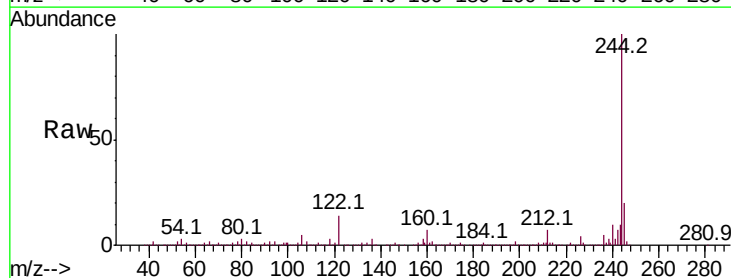
Tgt Ion:244 Resp: 2106440

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

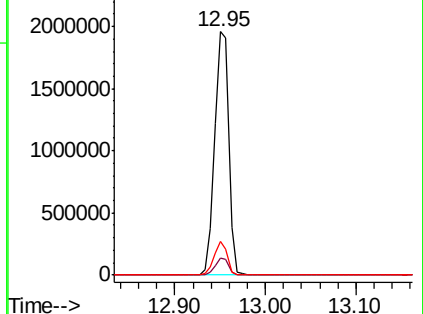
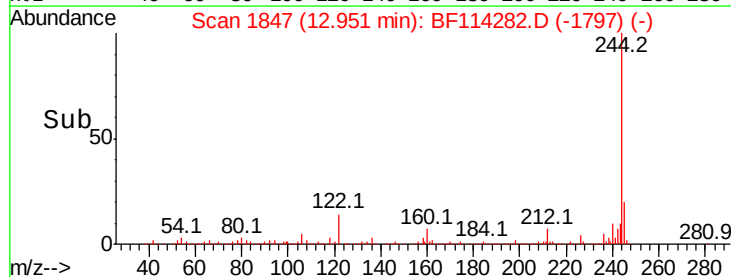
122 13.7 9.4 14.2

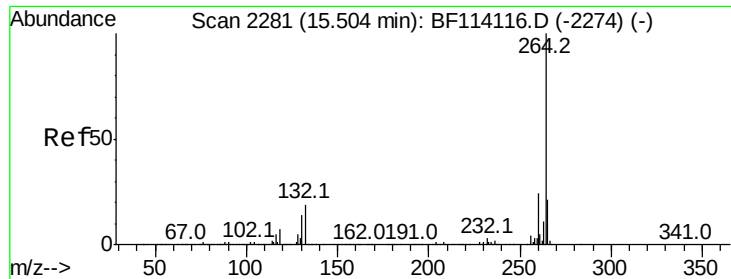


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

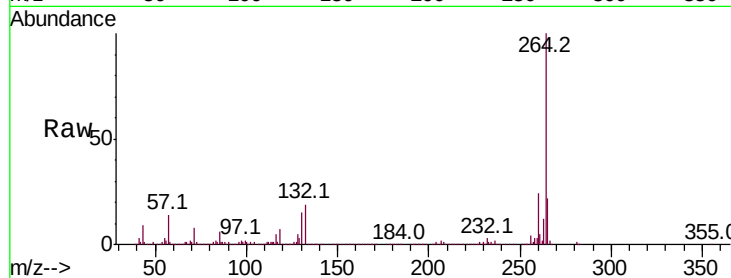




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.02 min
Lab File: BF114282.D
Acq: 15 May 2019 13:55

Instrument :
BNA_F
ClientSampleId :
FEBH-02

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.0
265	21.8	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

