

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052319\
 Data File : BF114528.D
 Acq On : 23 May 2019 16:08
 Operator : JU/SJ
 Sample : K2906-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FESB-10(8-8.5)

Quant Time: May 24 07:40:04 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

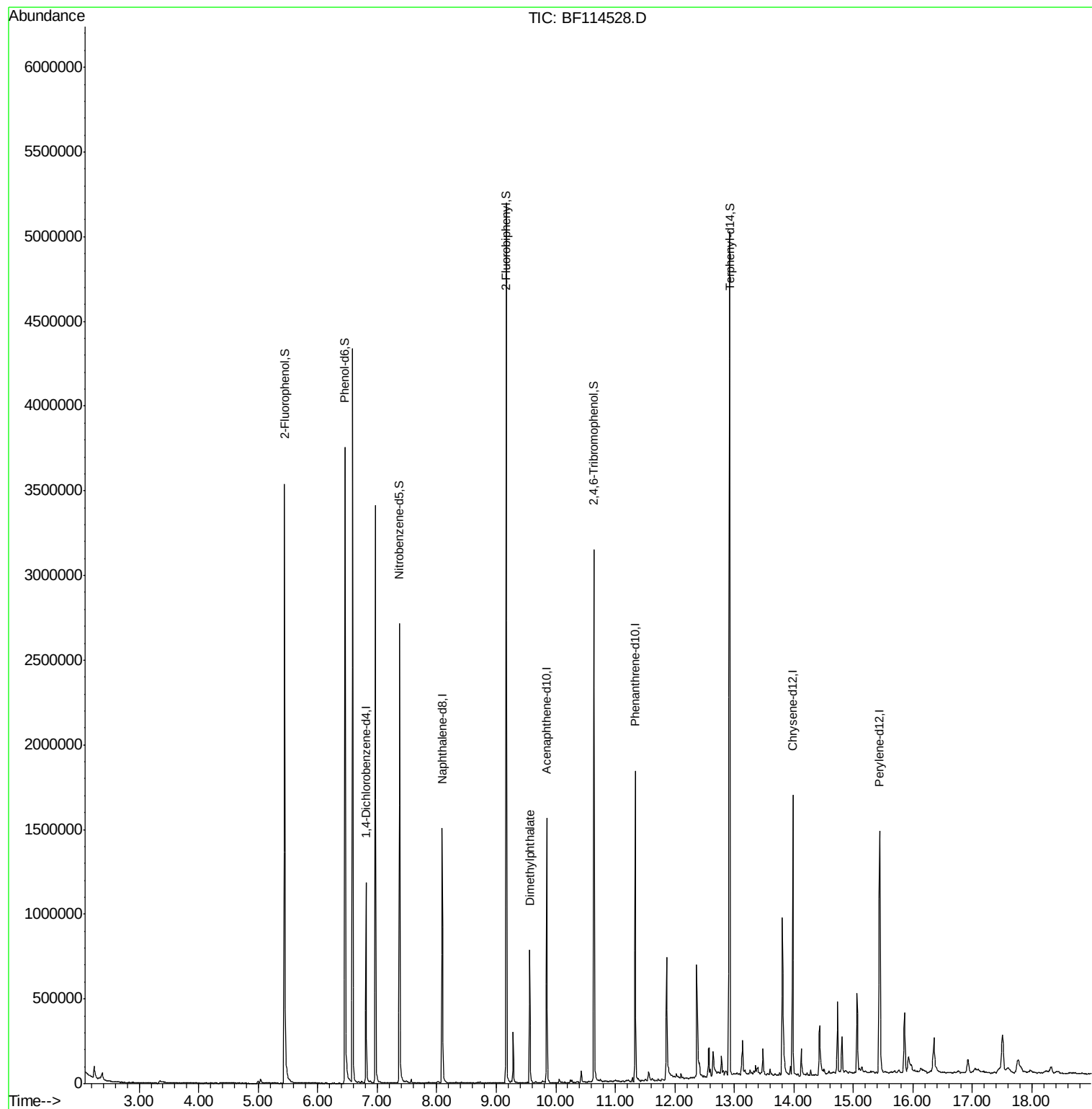
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	171526	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	659706	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	320984	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	672828	20.00	ng	0.00
76) Chrysene-d12	13.98	240	561424	20.00	ng	0.00
87) Perylene-d12	15.44	264	585365	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1079059	101.24	ng	0.00
7) Phenol-d6	6.46	99	1420610	112.69	ng	0.00
23) Nitrobenzene-d5	7.37	82	849714	72.28	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	375497	113.15	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1568717	73.93	ng	0.00
79) Terphenyl-d14	12.92	244	1748552	64.20	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.56	163	289246	12.275	ng	Qvalue 99

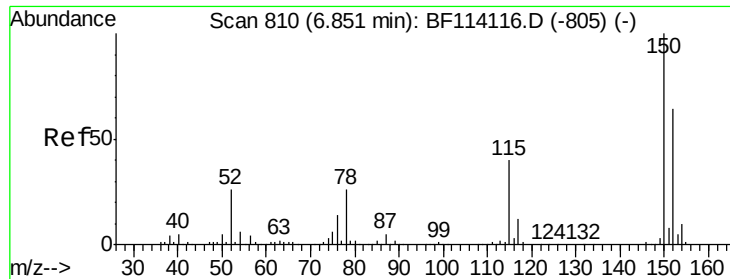
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



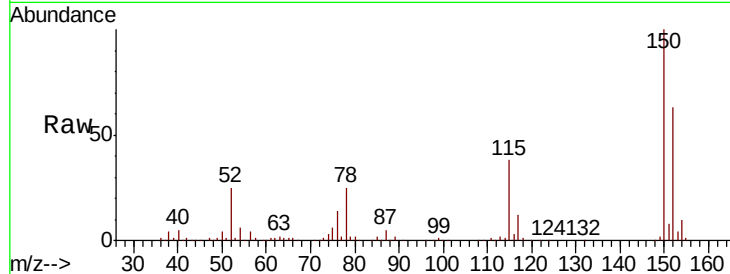


#1

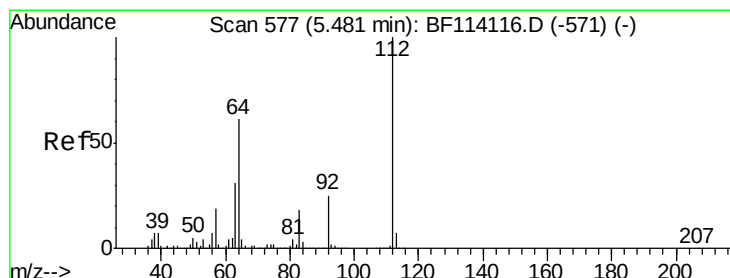
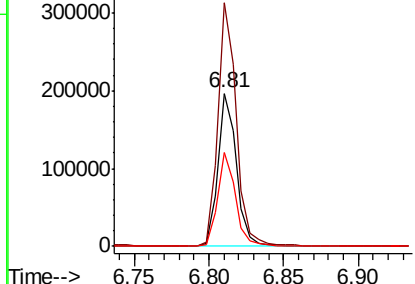
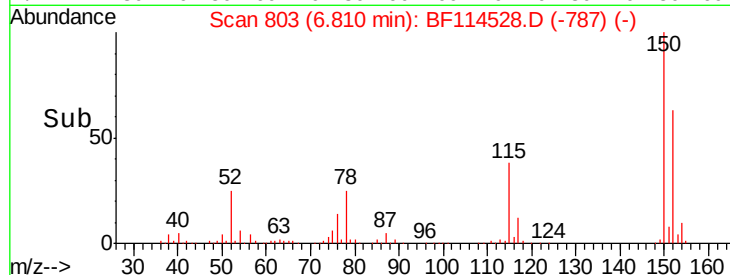
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF114528.D
Acq: 23 May 2019 16:08

Instrument :
BNA_F
ClientSampleId :
FESB-10(8-8.5)

Tot Ion:152 Resp: 171526
Ion Ratio Lower Upper
152 100
150 159.2 124.3 186.5
115 61.2 49.1 73.7



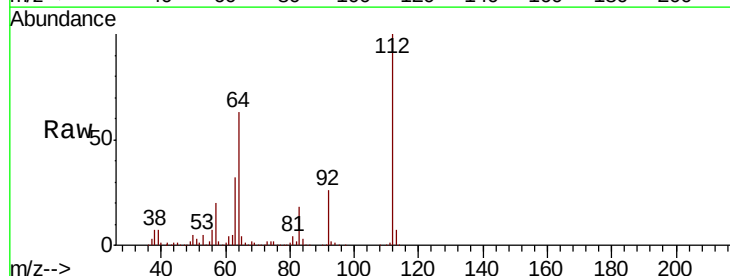
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



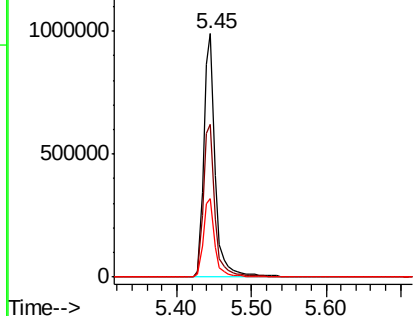
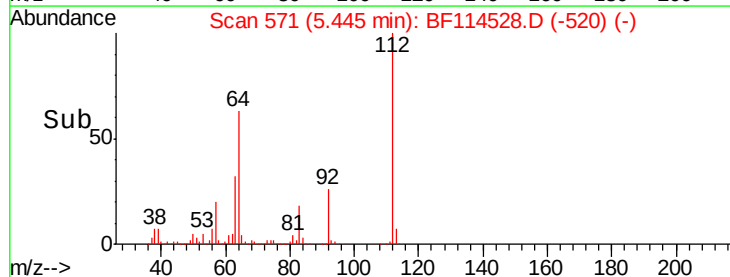
#5

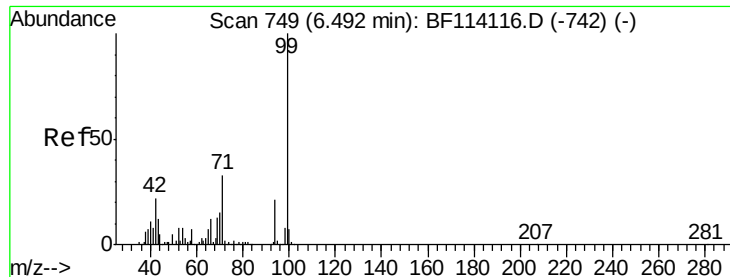
2-Fluorophenol
Concen: 101.238 ng
RT: 5.45 min Scan# 571
Delta R.T. -0.00 min
Lab File: BF114528.D
Acq: 23 May 2019 16:08

Tgt Ion:112 Resp: 1079059
Ion Ratio Lower Upper
112 100
64 62.7 49.0 73.6
63 32.3 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: 112.690 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF114528.D

Acq: 23 May 2019 16:08

Instrument :

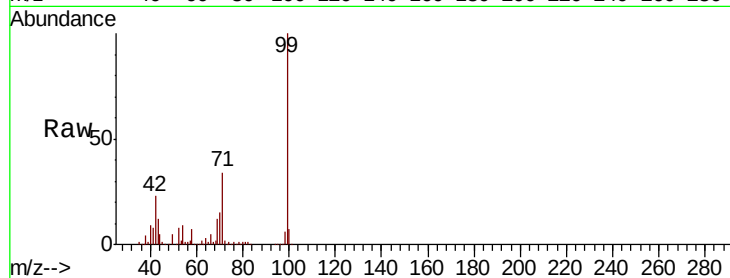
BNA_F

ClientSampleId :

FESB-10(8-8.5)

Tot Ion: 99 Resp: 1420610

Ion	Ratio	Lower	Upper
99	100		
42	22.8	17.9	26.9
71	33.8	26.2	39.2

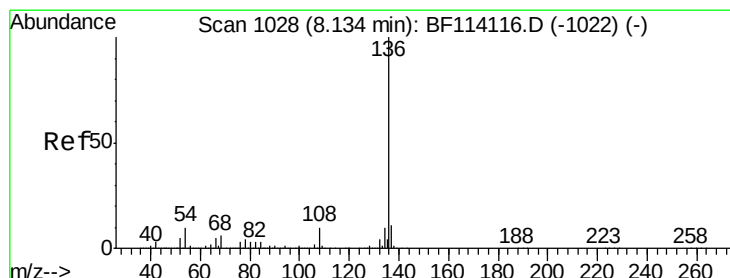
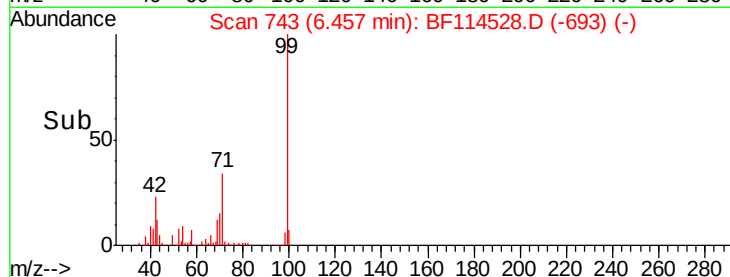
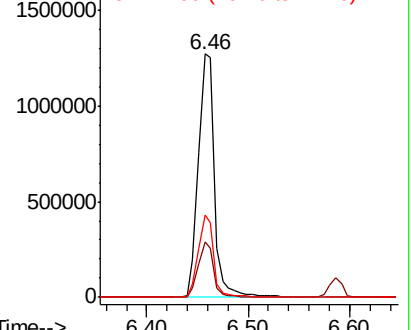


Abundance

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

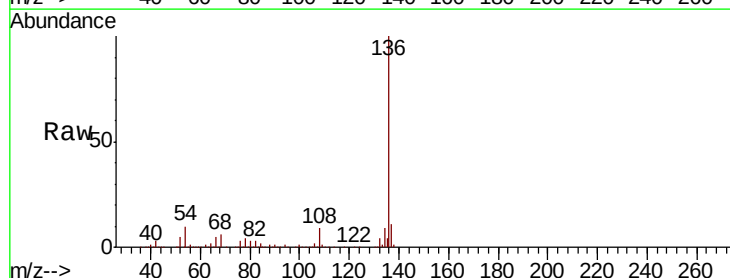
Delta R.T. -0.01 min

Lab File: BF114528.D

Acq: 23 May 2019 16:08

Tgt Ion: 136 Resp: 659706

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	9.6	7.8	11.8
68	5.9	5.1	7.7



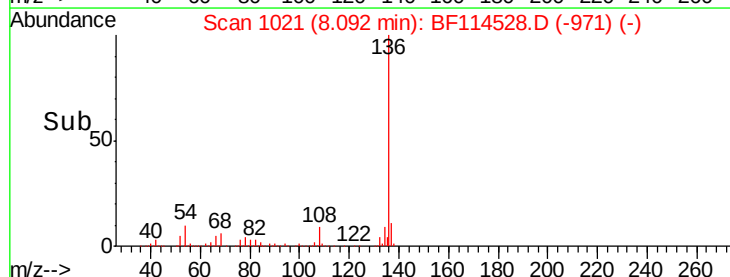
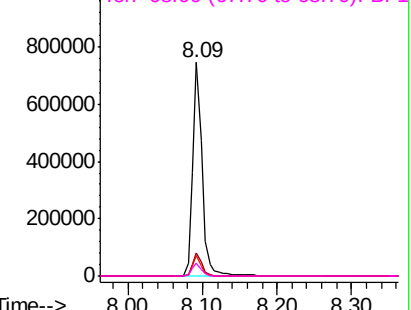
Abundance

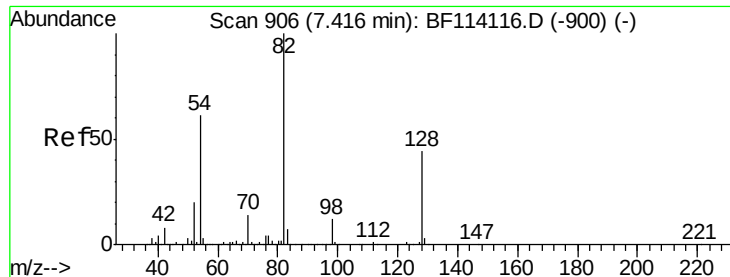
Ion 136.00 (135.70 to 136.70): E

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

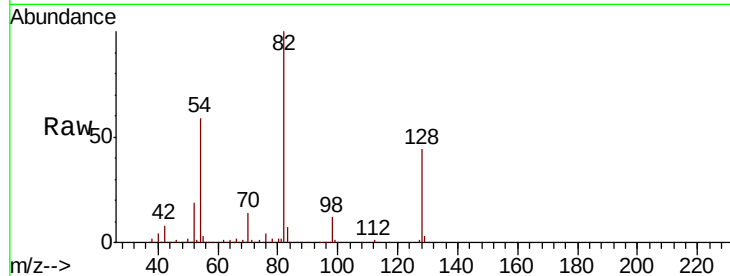




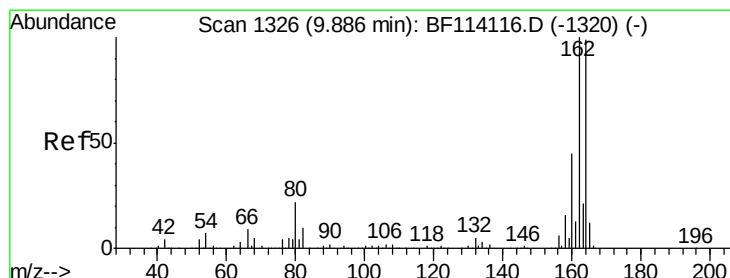
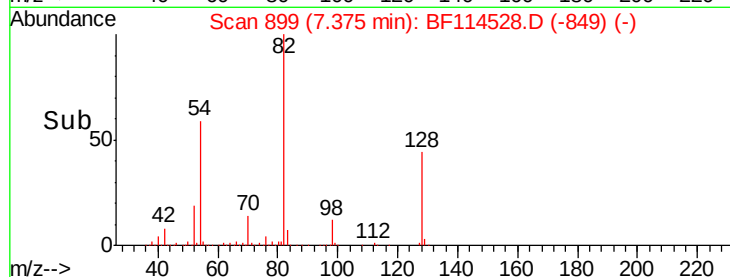
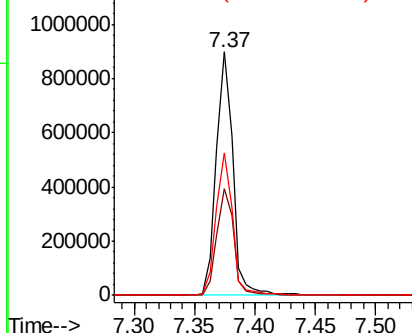
#23
 Nitrobenzene-d5
 Concen: 72.284 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF114528.D
 Acq: 23 May 2019 16:08

Instrument :
 BNA_F
 ClientSampleId :
 FESB-10(8-8.5)

Tot Ion	82	Resp	849714
Ion Ratio	100		
Lower			
Upper			
128	43.6	35.5	53.3
54	58.6	48.5	72.7

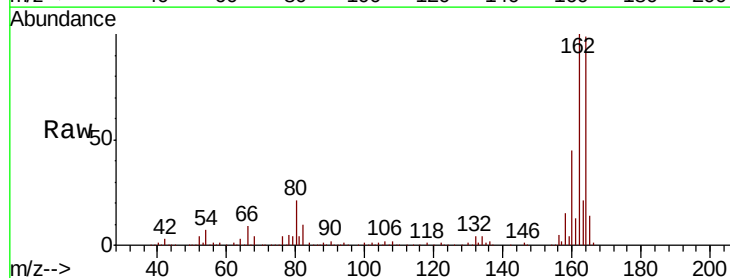


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

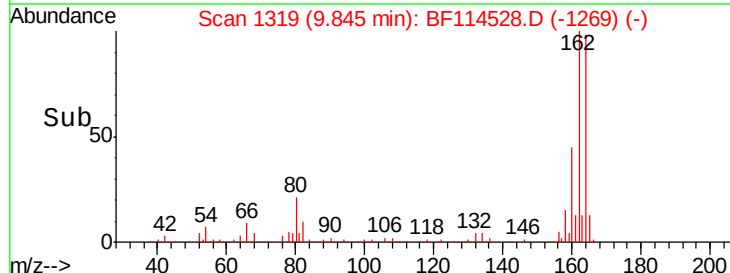
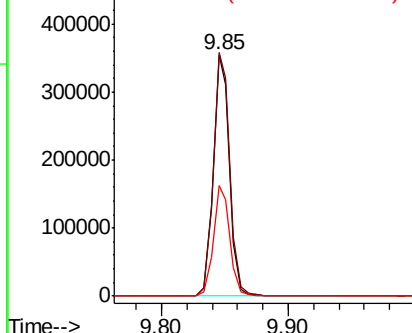


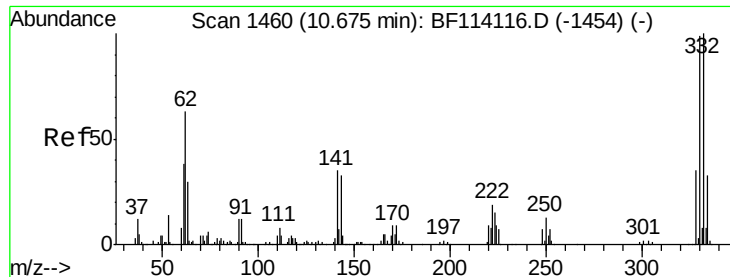
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF114528.D
 Acq: 23 May 2019 16:08

Tgt Ion	164	Resp	320984
Ion Ratio	100		
Lower			
Upper			
162	100.8	80.6	120.8
160	45.7	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: 113.155 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF114528.D

Acq: 23 May 2019 16:08

Instrument :

BNA_F

ClientSampleId :

FESB-10(8-8.5)

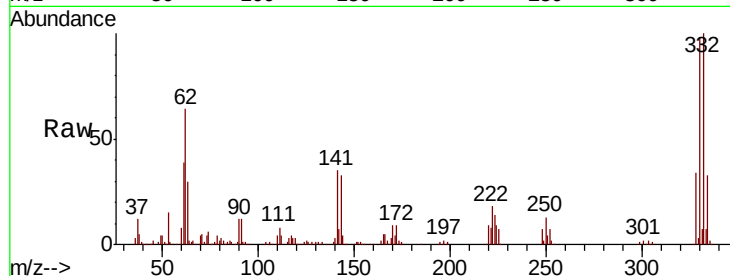
Tot Ion:330 Resp: 375497

Ion Ratio Lower Upper

330 100

332 102.1 81.4 122.2

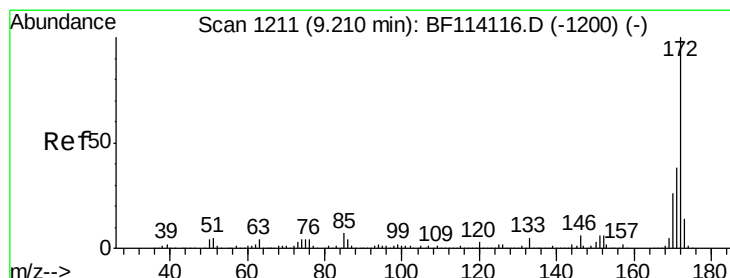
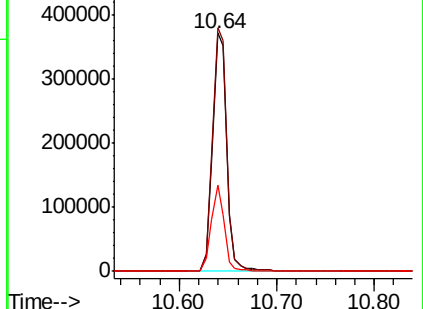
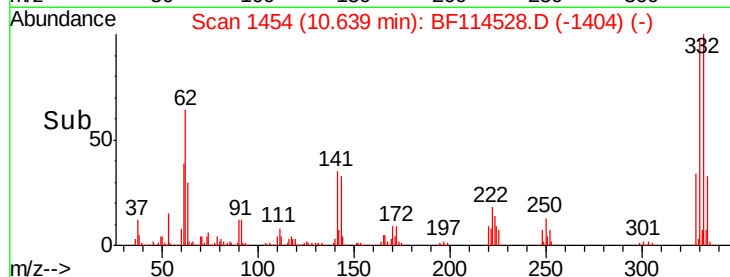
141 33.5 26.6 40.0



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: 73.927 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF114528.D

Acq: 23 May 2019 16:08

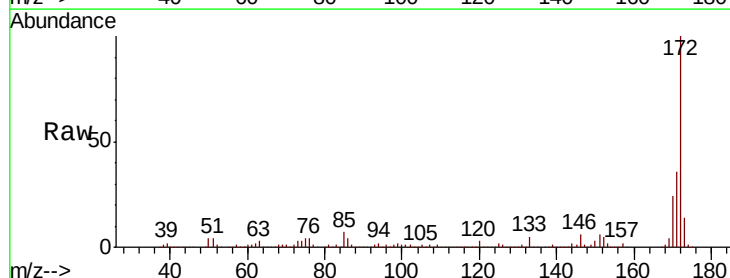
Tgt Ion:172 Resp: 1568717

Ion Ratio Lower Upper

172 100

171 35.9 30.7 46.1

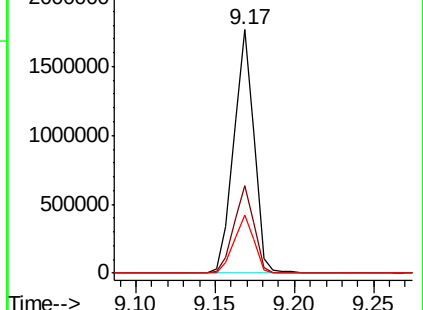
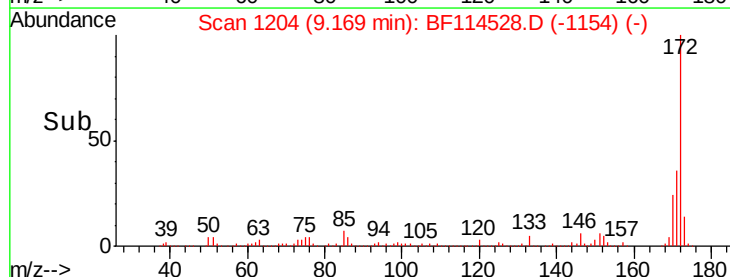
170 23.9 20.5 30.7

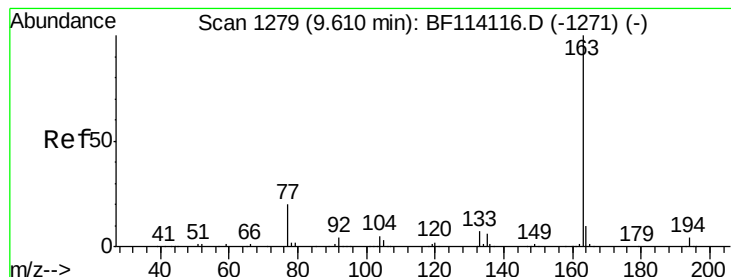


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 12.275 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF114528.D

Acq: 23 May 2019 16:08

Instrument :

BNA_F

ClientSampleId :

FESB-10(8-8.5)

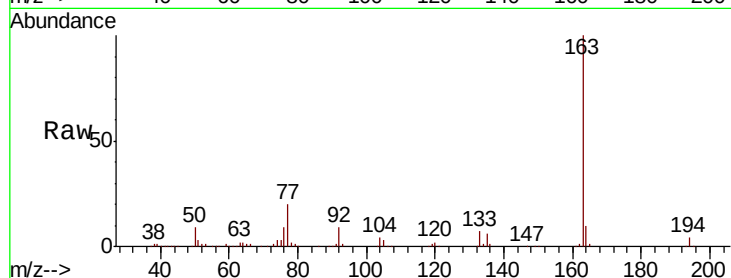
Tot Ion:163 Resp: 289246

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

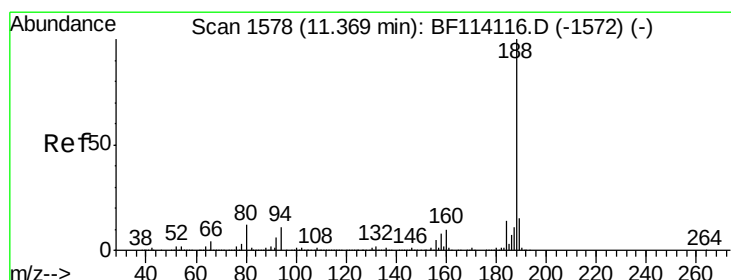
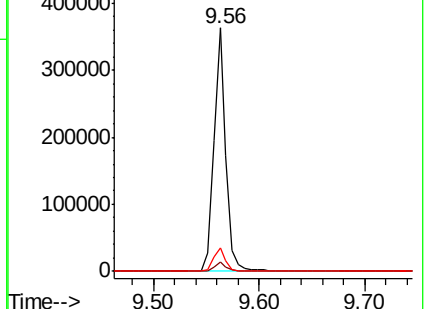
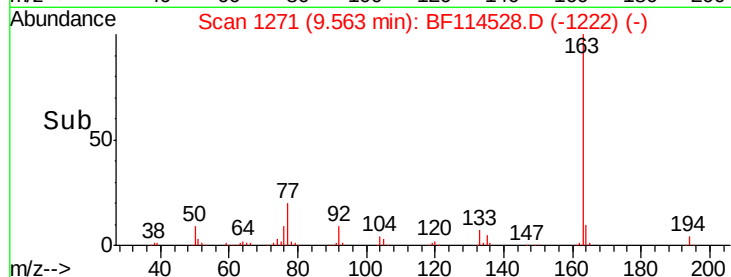
164 9.5 8.2 12.2



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: BF114528.D

Acq: 23 May 2019 16:08

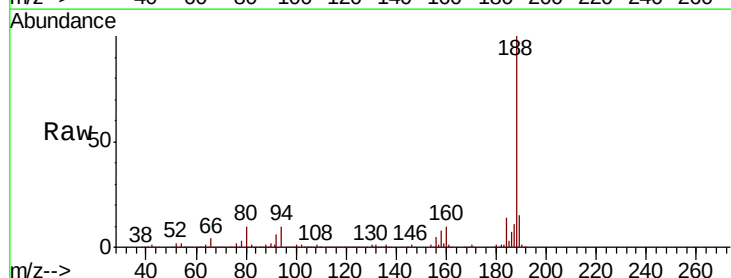
Tgt Ion:188 Resp: 672828

Ion Ratio Lower Upper

188 100

94 9.7 8.4 12.6

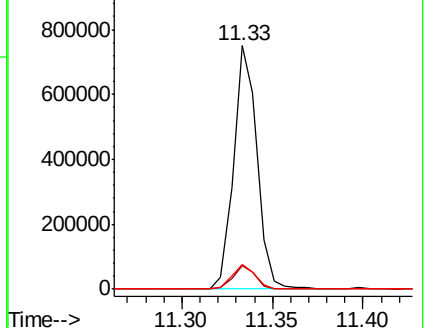
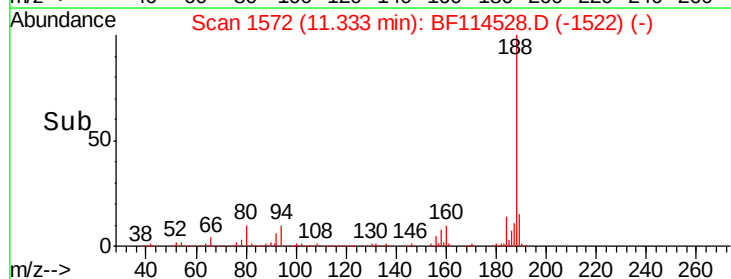
80 10.4 9.2 13.8

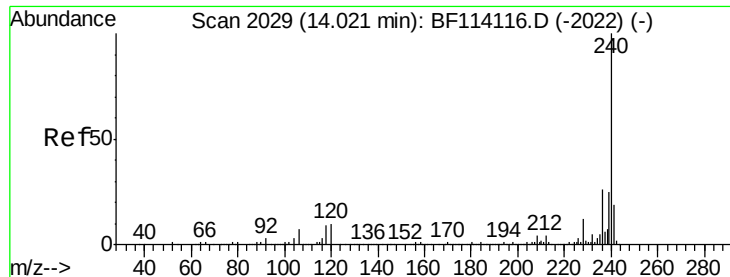


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

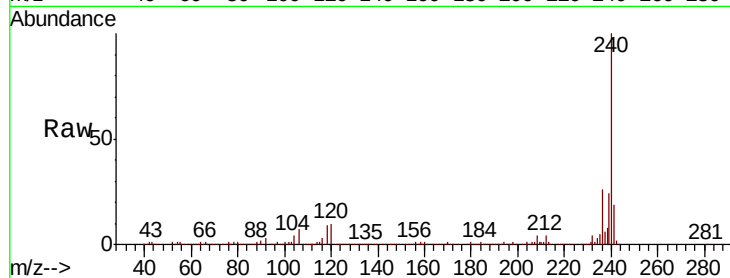




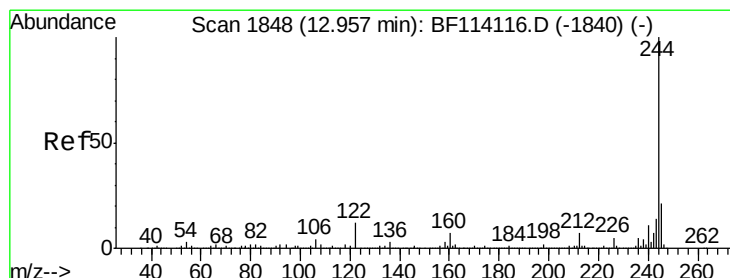
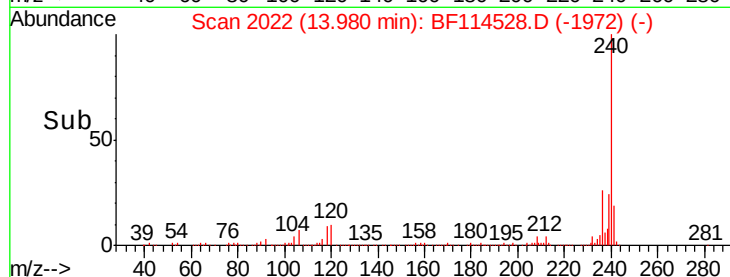
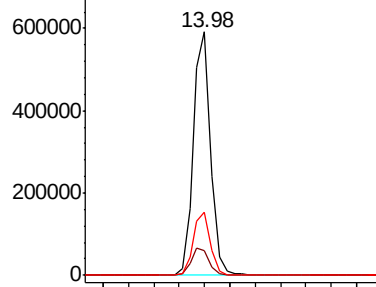
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF114528.D
 Acq: 23 May 2019 16:08

Instrument :
 BNA_F
 ClientSampleId :
 FESB-10(8-8.5)

Tot Ion:240 Resp: 561424
 Ion Ratio Lower Upper
 240 100
 120 10.3 8.3 12.5
 236 26.1 20.8 31.2

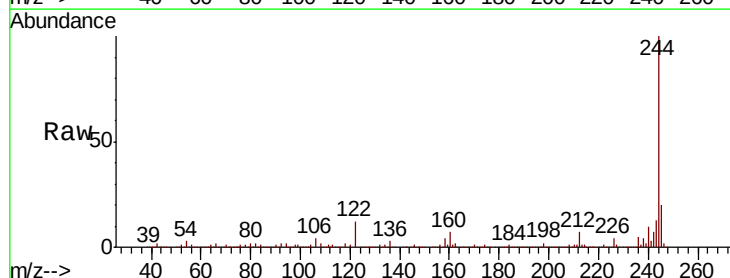


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

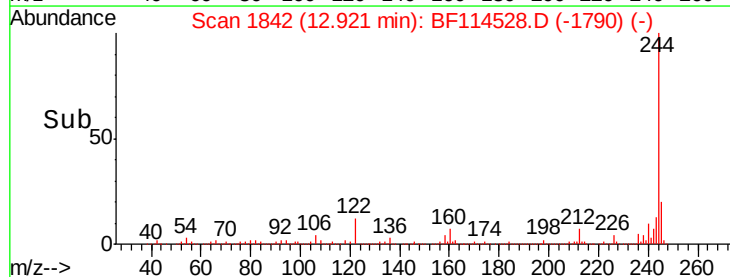
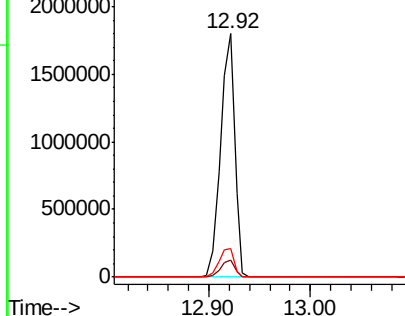


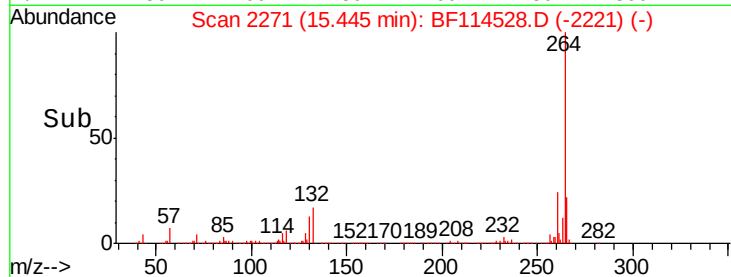
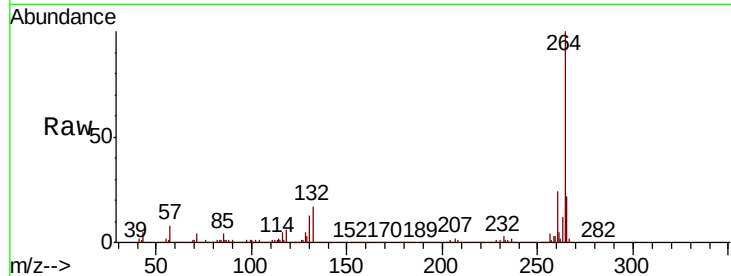
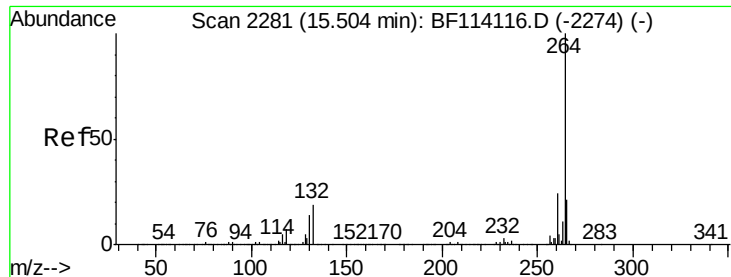
#79
 Terphenyl-d14
 Concen: 64.203 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: BF114528.D
 Acq: 23 May 2019 16:08

Tgt Ion:244 Resp: 1748552
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 11.6 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: BF114528.D
Acq: 23 May 2019 16:08

Instrument :
BNA_F
ClientSampleId :
FESB-10(8-8.5)

Tot Ion:	264	Resp:	585365
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.0
265	21.5	16.9	25.3

