

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
 Data File : BF114562.D
 Acq On : 24 May 2019 11:44
 Operator : JU/SJ
 Sample : K2838-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FEBH-05(33-33.5)

Quant Time: May 24 13:05:42 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

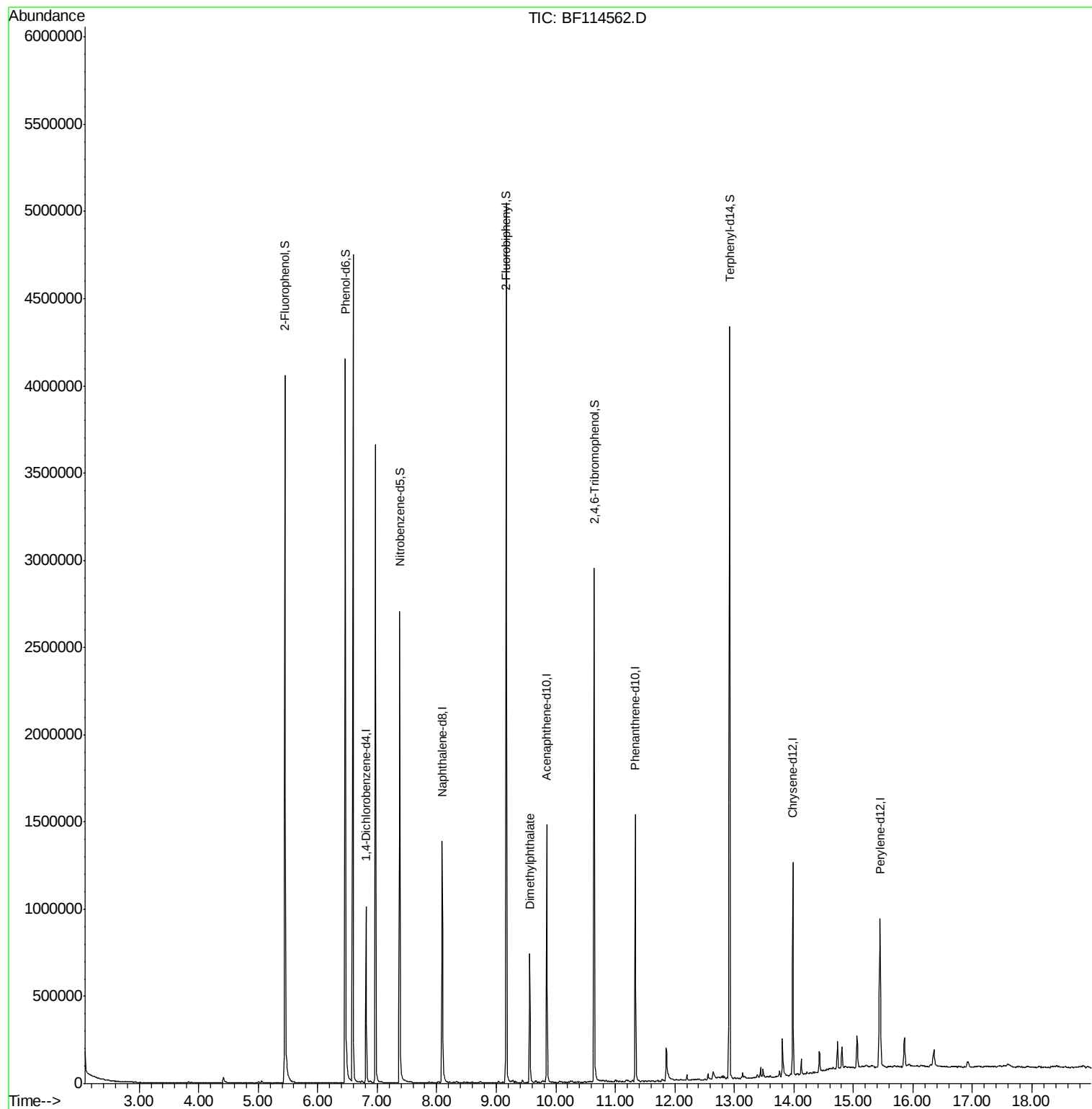
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	167537	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	633122	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	299971	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	601999	20.00	ng	0.00
76) Chrysene-d12	13.98	240	401171	20.00	ng	0.00
87) Perylene-d12	15.44	264	394000	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1205762	115.82	ng	0.00
7) Phenol-d6	6.46	99	1589348	129.08	ng	0.00
23) Nitrobenzene-d5	7.38	82	968075	85.81	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	368550	118.84	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1530458	77.18	ng	0.00
79) Terphenyl-d14	12.92	244	1499741	77.06	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.56	163	284509	12.920	ng	Qvalue 99

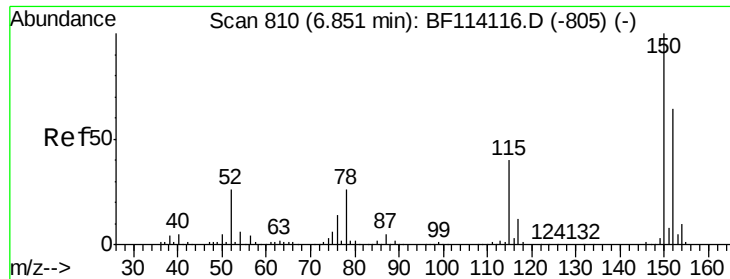
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 24 13:05:42 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

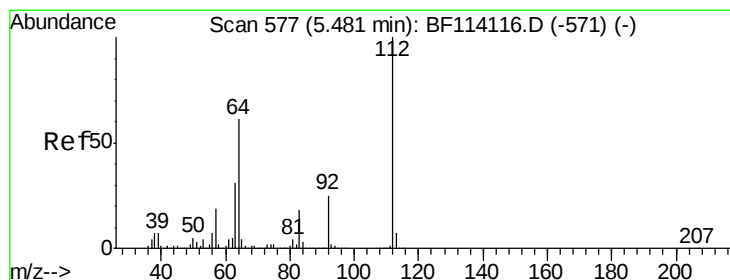
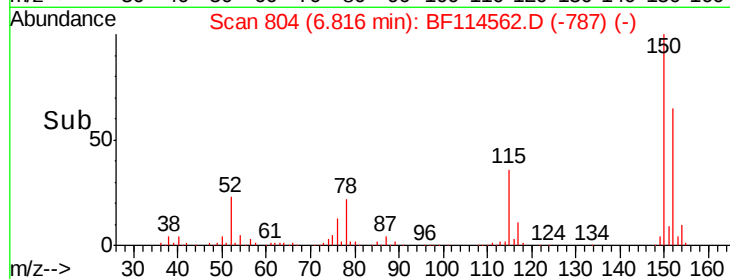
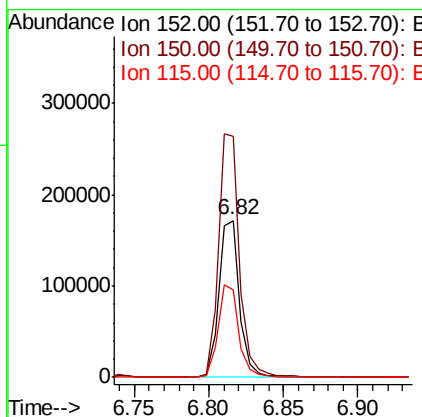
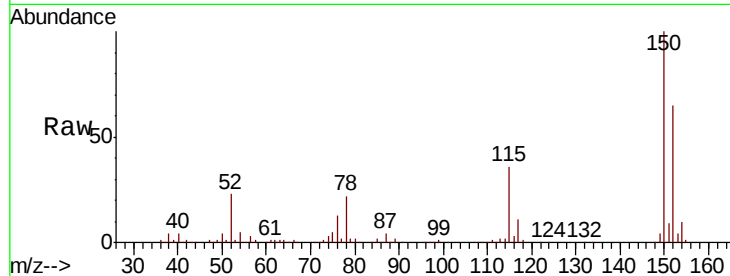




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: BF114562.D
 Acq: 24 May 2019 11:44

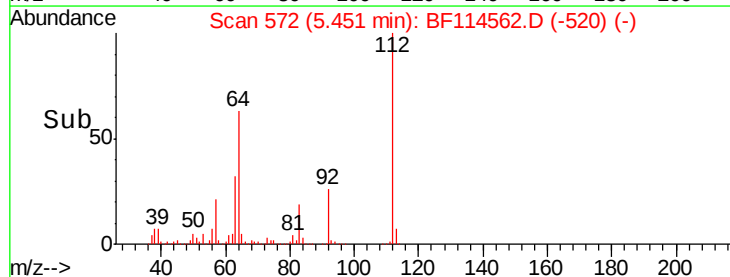
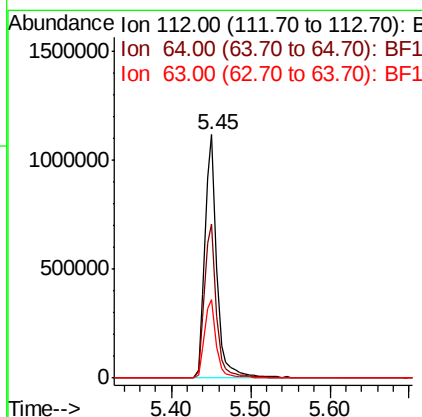
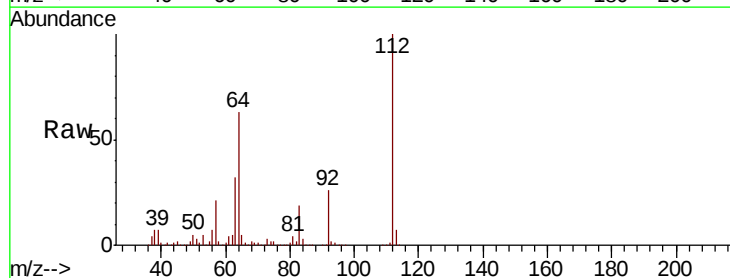
Instrument :
 BNA_F
 ClientSampleId :
 FEBH-05(33-33.5)

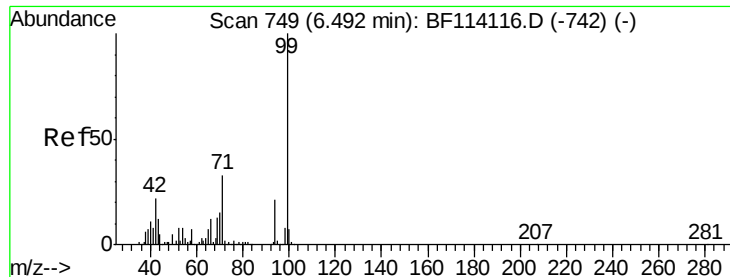
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	124.3	186.5
115	55.9	49.1	73.7



#5
 2-Fluorophenol
 Concen: 115.818 ng
 RT: 5.45 min Scan# 572
 Delta R.T. 0.01 min
 Lab File: BF114562.D
 Acq: 24 May 2019 11:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.2	49.0	73.6
63	32.4	24.6	37.0





#7

Phenol-d6

Concen: 129.077 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF114562.D

Acq: 24 May 2019 11:44

Instrument :

BNA_F

ClientSampleId :

FEBH-05(33-33.5)

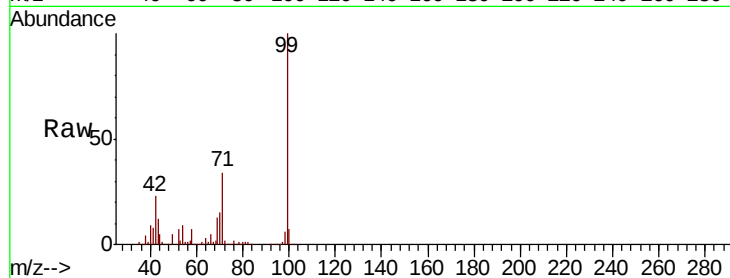
Tot Ion: 99 Resp: 1589348

Ion Ratio Lower Upper

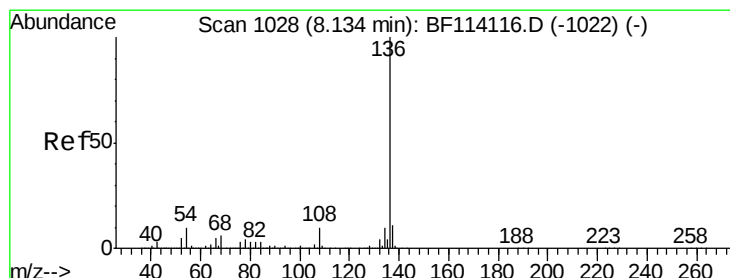
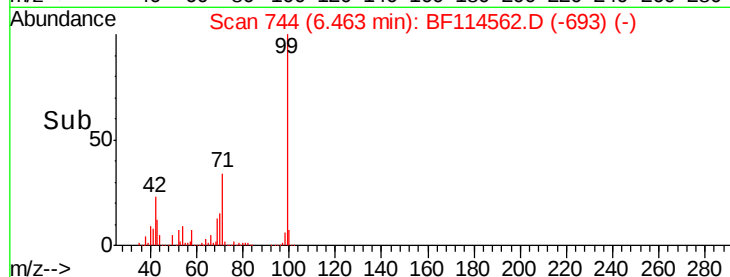
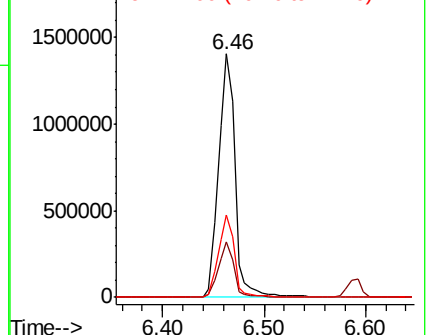
99 100

42 22.7 17.9 26.9

71 33.9 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: BF114562.D

Acq: 24 May 2019 11:44

Tgt Ion: 136 Resp: 633122

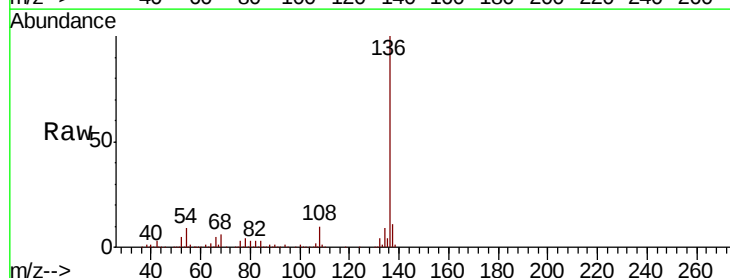
Ion Ratio Lower Upper

136 100

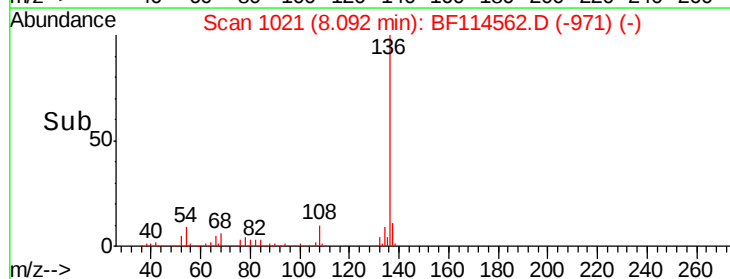
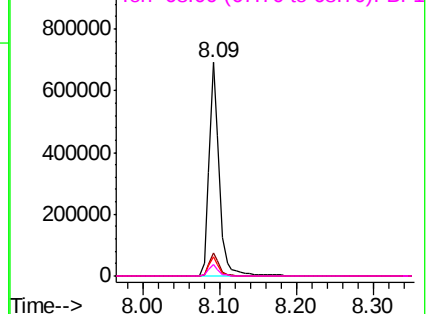
137 11.0 8.8 13.2

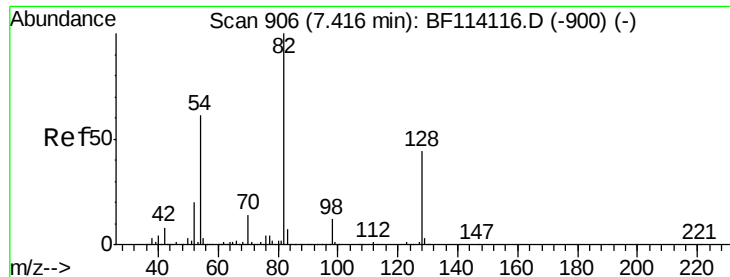
54 8.9 7.8 11.8

68 5.5 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

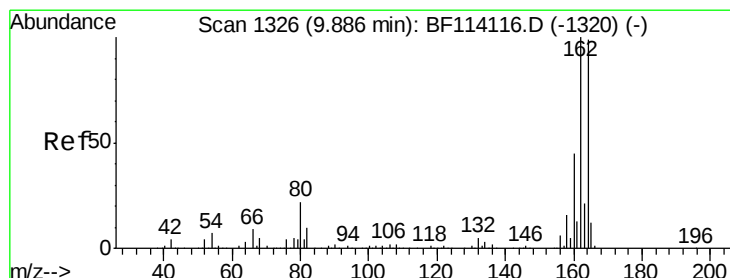
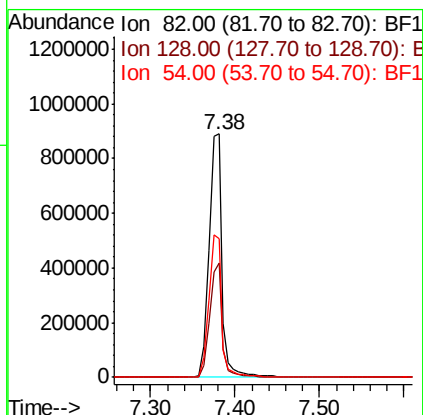
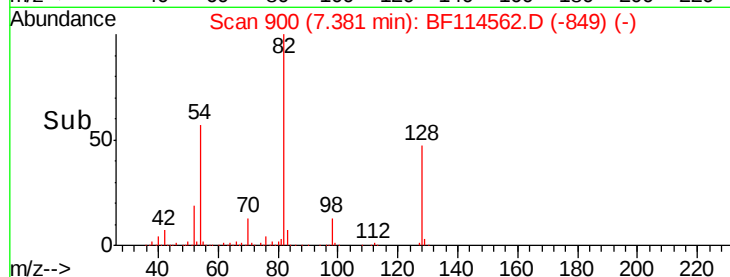
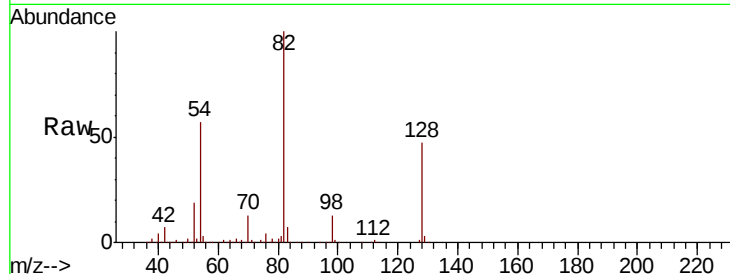




#23
Nitrobenzene-d5
Concen: 85.810 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF114562.D
Acq: 24 May 2019 11:44

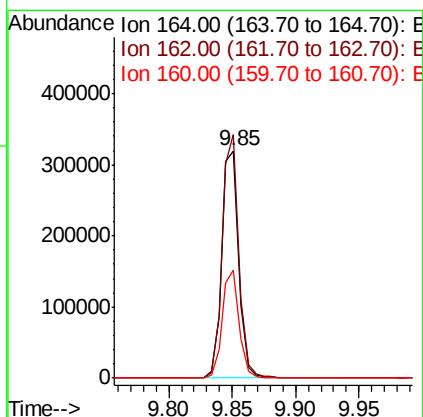
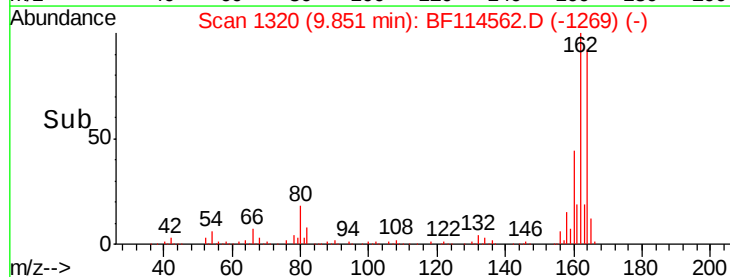
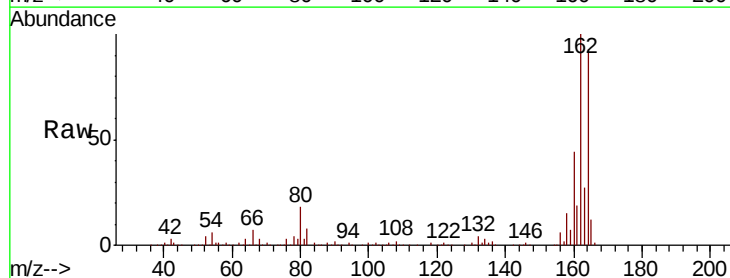
Instrument :
BNA_F
ClientSampleId :
FEBH-05(33-33.5)

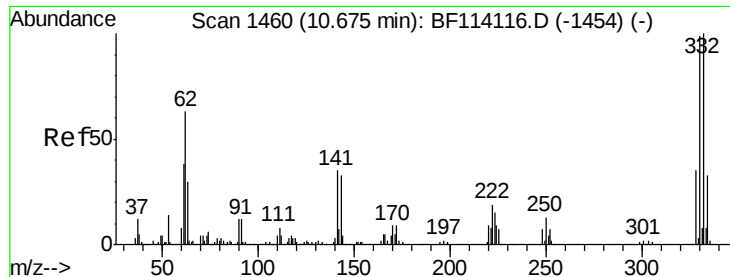
Tot Ion: 82 Resp: 968075
Ion Ratio Lower Upper
82 100
128 47.0 35.5 53.3
54 57.0 48.5 72.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BF114562.D
Acq: 24 May 2019 11:44

Tgt Ion:164 Resp: 299971
Ion Ratio Lower Upper
164 100
162 107.2 80.6 120.8
160 47.6 36.5 54.7

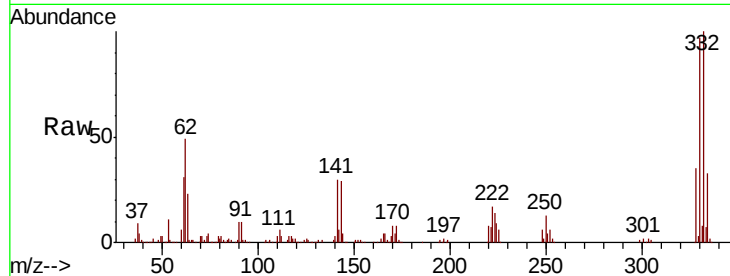




#42
 2,4,6-Tribromophenol
 Concen: 118.841 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BF114562.D
 Acq: 24 May 2019 11:44

Instrument :
 BNA_F
 ClientSampleId :
 FEBH-05(33-33.5)

Tot Ion	Ratio	Lower	Upper
330	100		
332	101.8	81.4	122.2
141	33.5	26.6	40.0

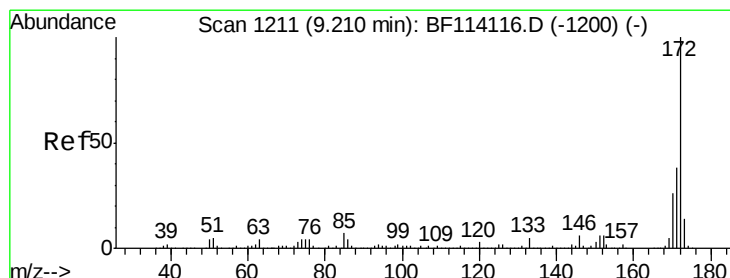
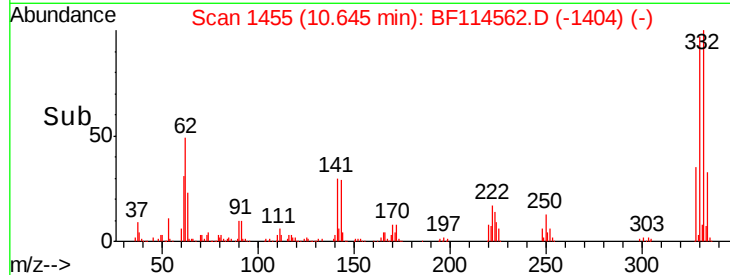
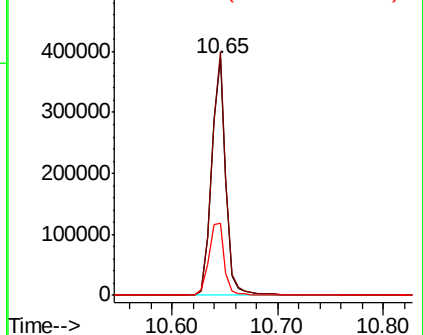


Abundance

Ion 329.80 (329.50 to 330.50): E

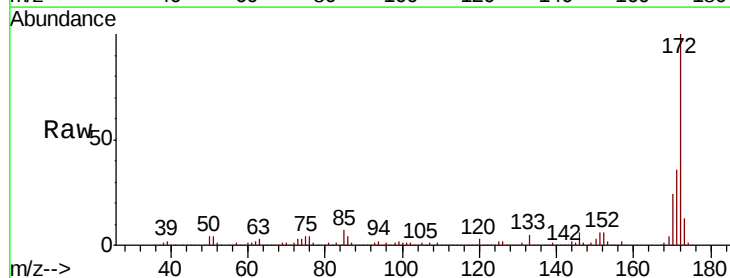
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 77.176 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF114562.D
 Acq: 24 May 2019 11:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	30.7	46.1
170	24.0	20.5	30.7

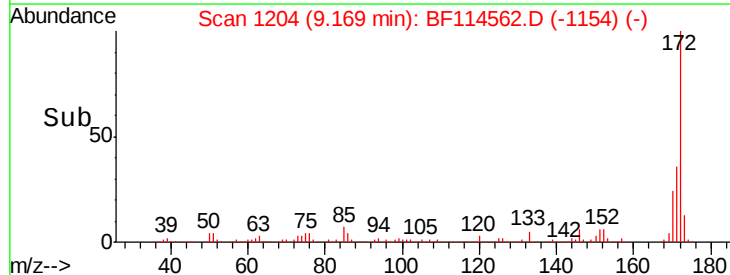
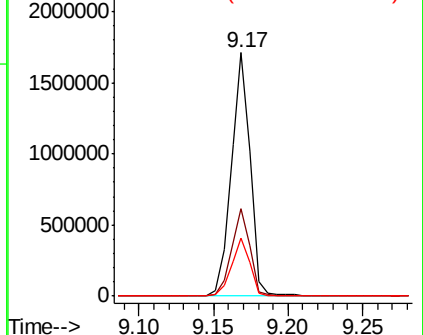


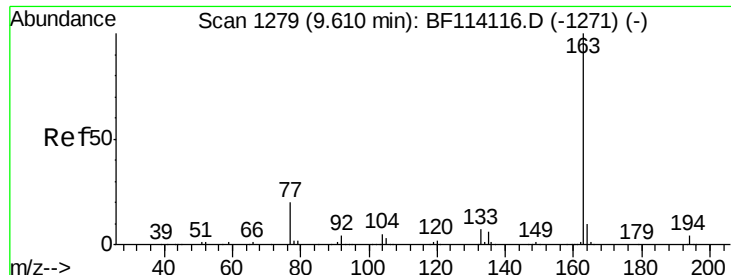
Abundance

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

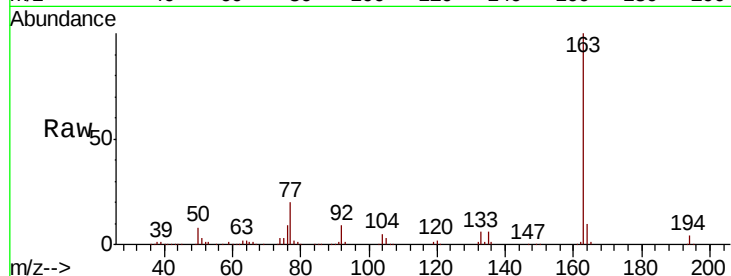




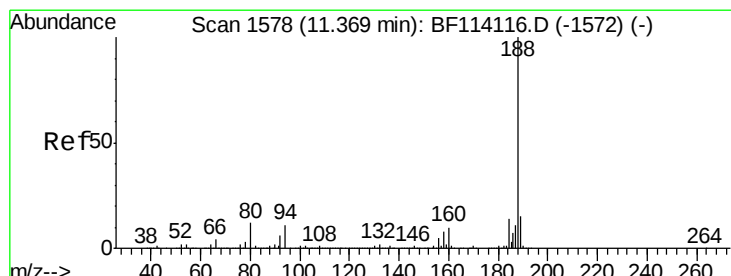
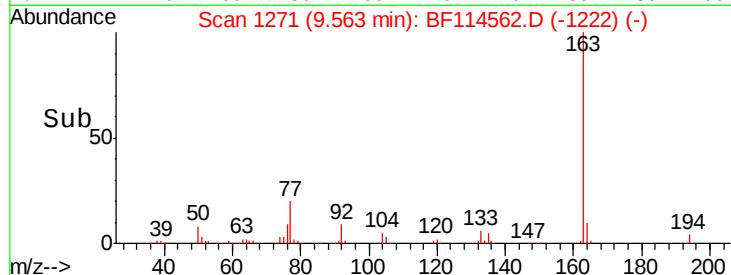
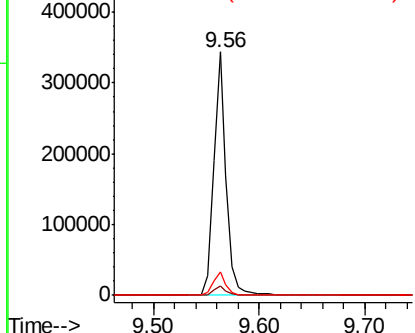
#50
Dimethylphthalate
Concen: 12.920 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF114562.D
Acq: 24 May 2019 11:44

Instrument :
BNA_F
ClientSampleId :
FEBH-05(33-33.5)

Tot Ion:163	Resp:	284509
Ion Ratio	Lower	Upper
163	100	
194	3.9	3.4 5.0
164	9.8	8.2 12.2

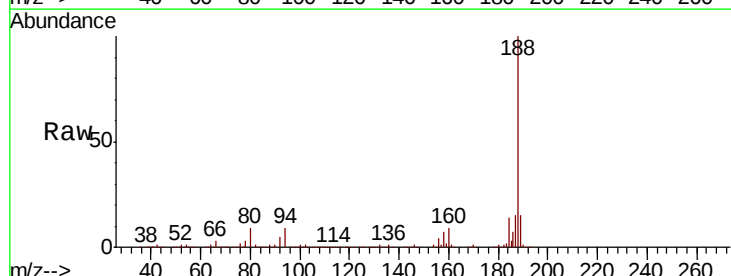


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

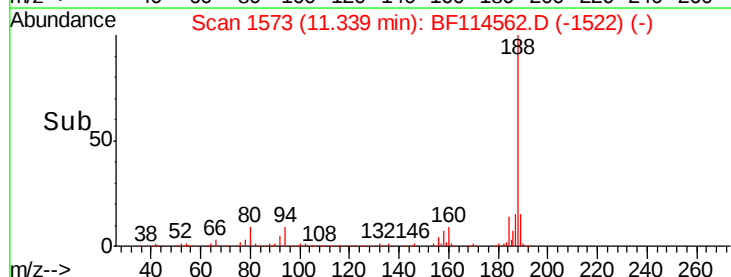
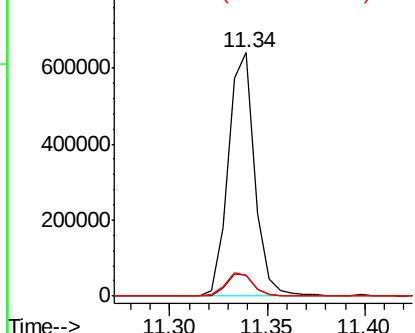


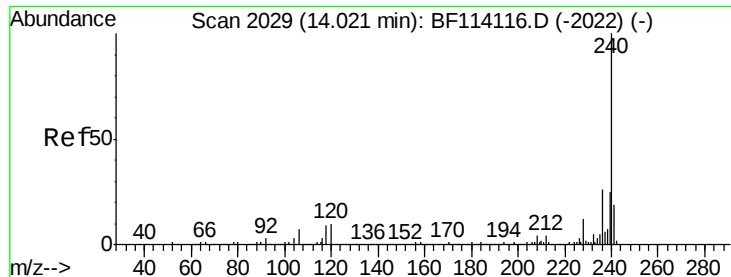
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BF114562.D
Acq: 24 May 2019 11:44

Tgt Ion:188	Resp:	601999
Ion Ratio	Lower	Upper
188	100	
94	8.5	8.4 12.6
80	8.8	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: BF114562.D

Acq: 24 May 2019 11:44

Instrument :

BNA_F

ClientSampleId :

FEBH-05(33-33.5)

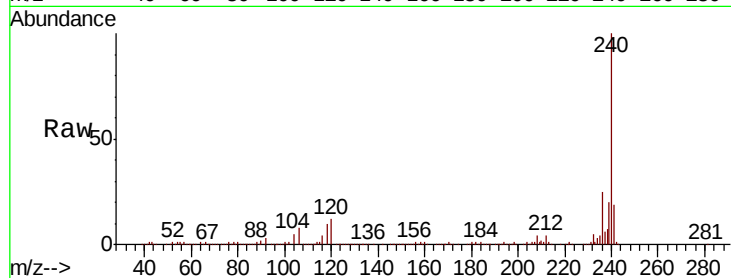
Tot Ion:240 Resp: 401171

Ion Ratio Lower Upper

240 100

120 12.0 8.3 12.5

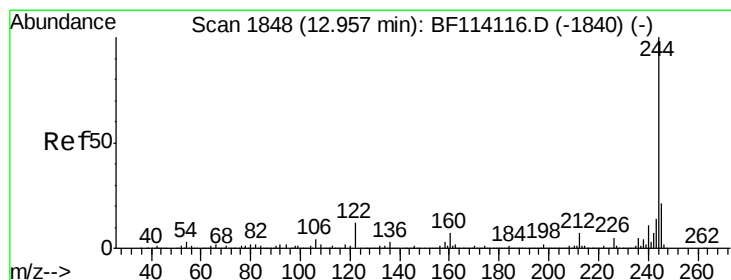
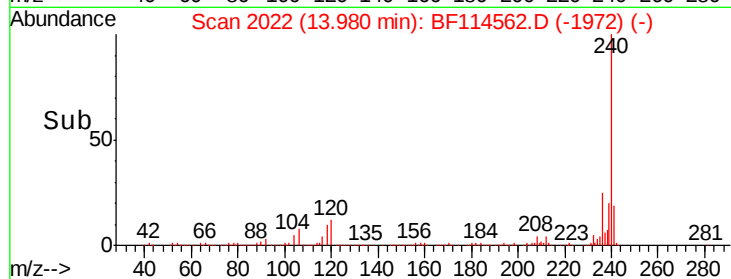
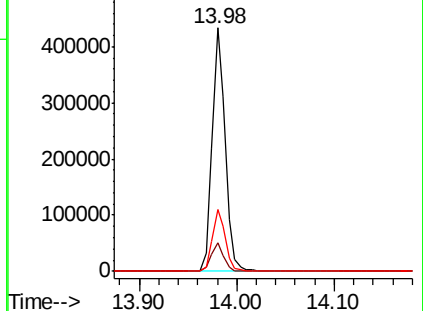
236 25.5 20.8 31.2



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: 77.065 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.01 min

Lab File: BF114562.D

Acq: 24 May 2019 11:44

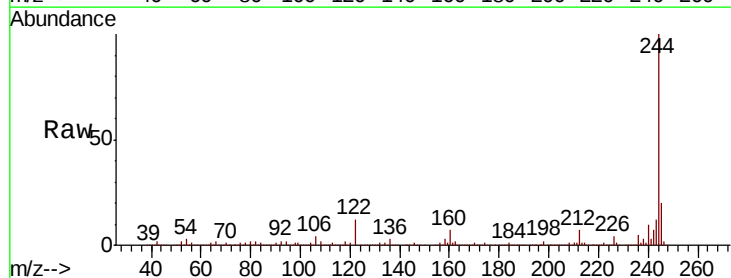
Tgt Ion:244 Resp: 1499741

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

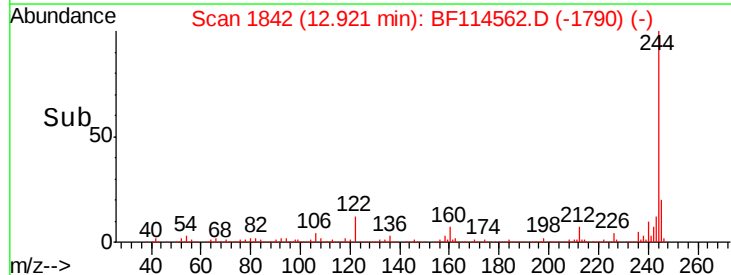
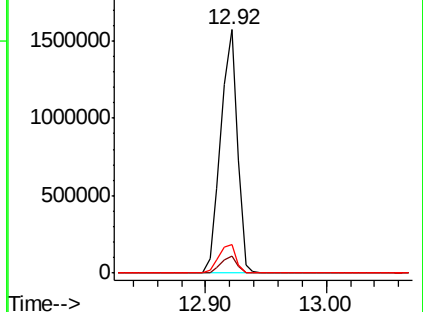
122 11.6 9.4 14.2

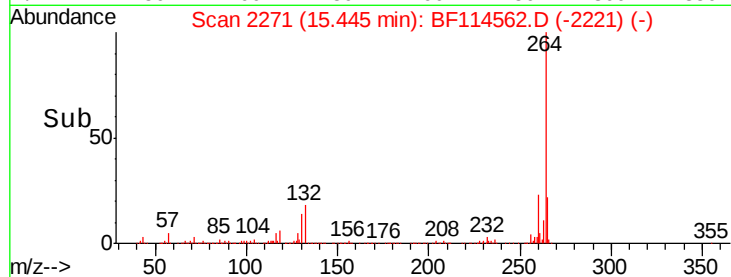
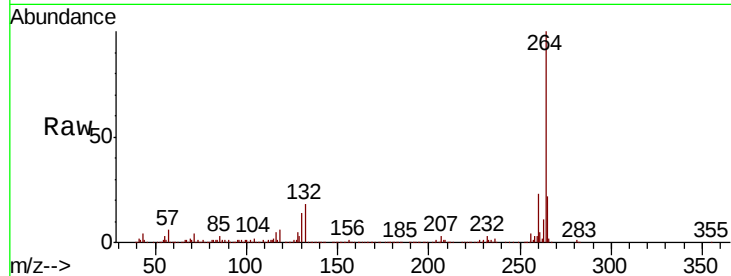
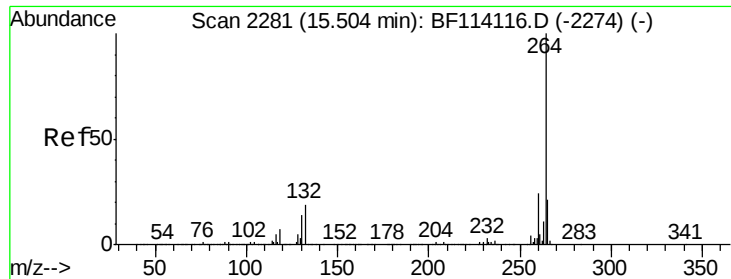


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF114562.D
 Acq: 24 May 2019 11:44

Instrument :
 BNA_F
 ClientSampleId :
 FEBH-05(33-33.5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.4	29.0
265	22.1	16.9	25.3

