

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031319\
 Data File : BF113033.D
 Acq On : 13 Mar 2019 17:31
 Operator : JU/SJ
 Sample : K1864-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BRICK

Quant Time: Mar 14 02:08:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

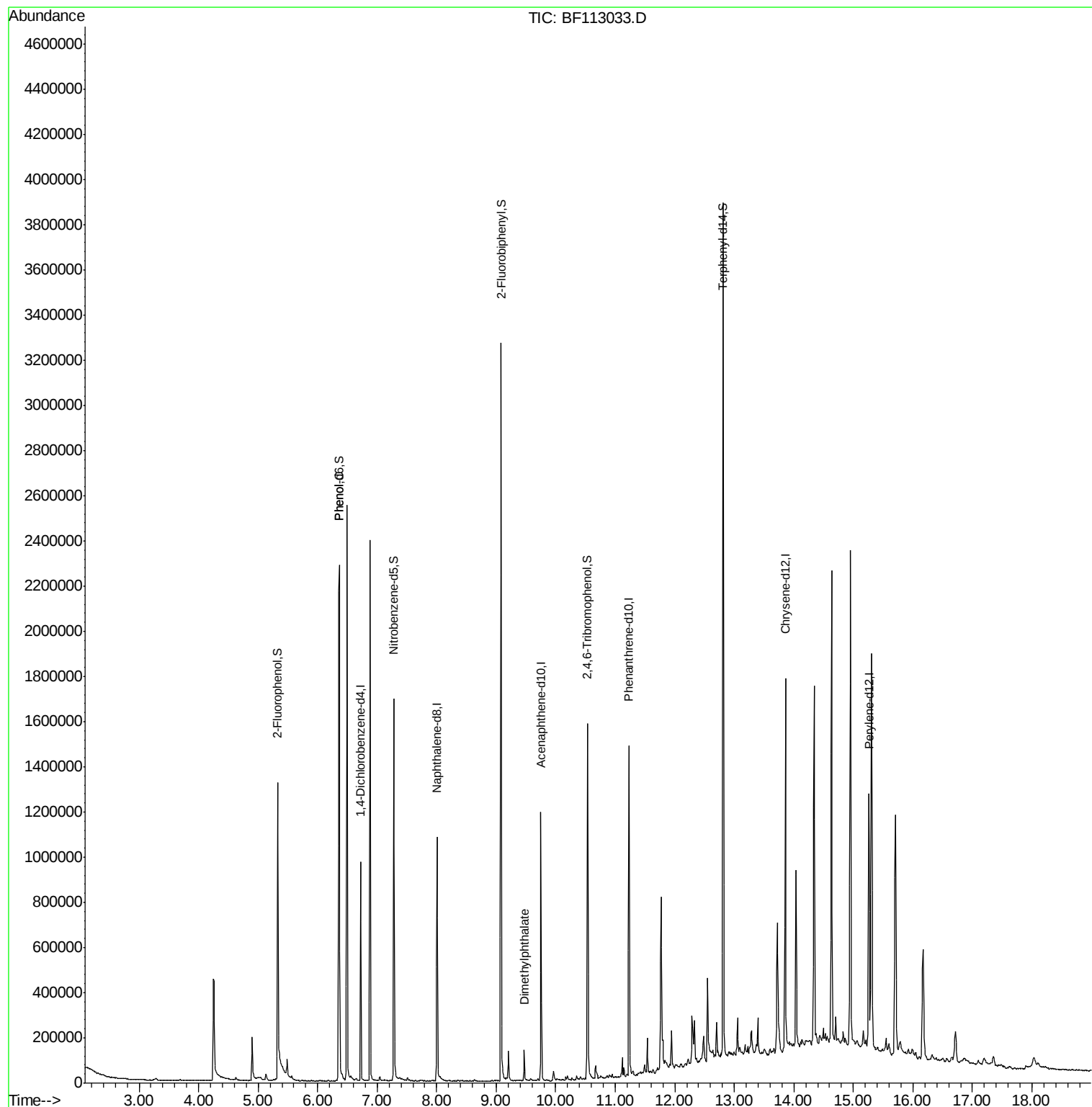
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	136570	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	511372	20.00	ng	-0.01
39) Acenaphthene-d10	9.75	164	256495	20.00	ng	-0.02
64) Phenanthrene-d10	11.23	188	593676	20.00	ng	-0.02
76) Chrysene-d12	13.86	240	556160	20.00	ng	-0.01
87) Perylene-d12	15.26	264	571463	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	546190	62.21	ng	-0.02
7) Phenol-d6	6.36	99	873384	79.19	ng	-0.01
23) Nitrobenzene-d5	7.28	82	538737	63.04	ng	-0.02
42) 2,4,6-Tribromophenol	10.54	330	223809	82.19	ng	-0.01
45) 2-Fluorobiphenyl	9.08	172	1037990	62.54	ng	-0.01
79) Terphenyl-d14	12.81	244	1421117	49.53	ng	-0.01
Target Compounds						
10) Phenol	6.37	94	30527	2.372	ng	88
50) Dimethylphthalate	9.47	163	62934	3.328	ng	98

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

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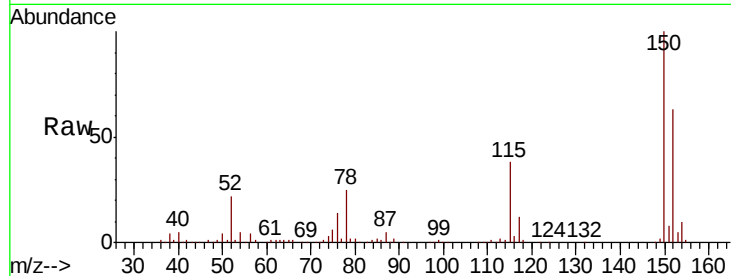


#1

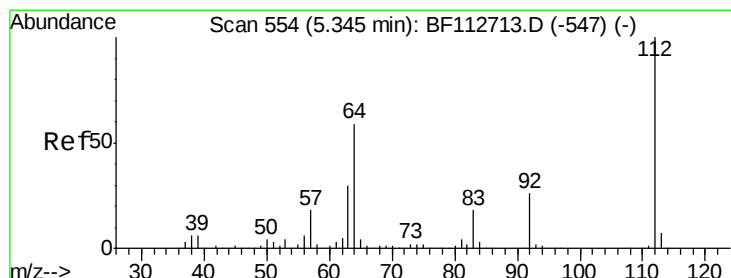
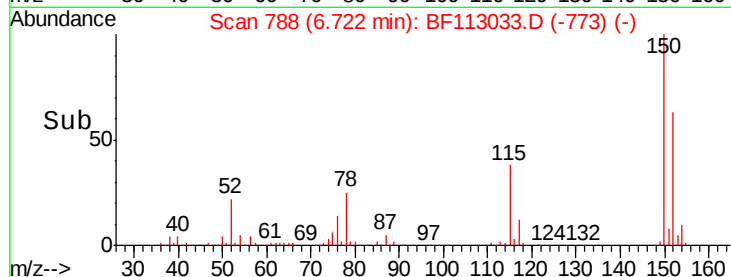
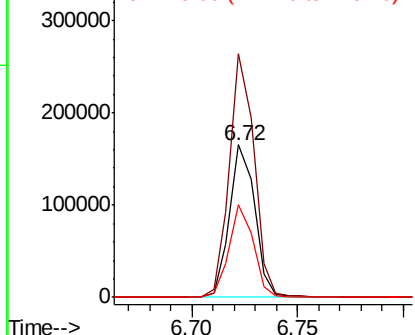
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF113033.D
Acq: 13 Mar 2019 17:31

Instrument :
BNA_F
ClientSampleId :
BRICK

Tot Ion:152 Resp: 136570
Ion Ratio Lower Upper
152 100
150 159.6 124.2 186.2
115 60.4 48.2 72.4



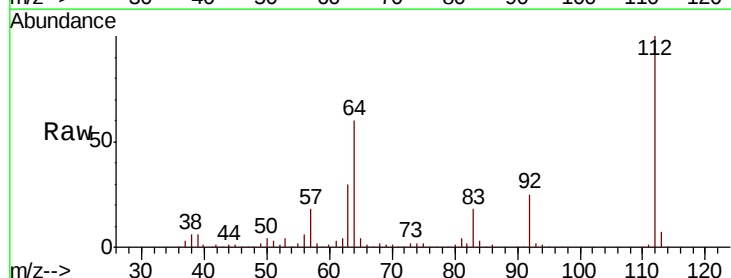
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



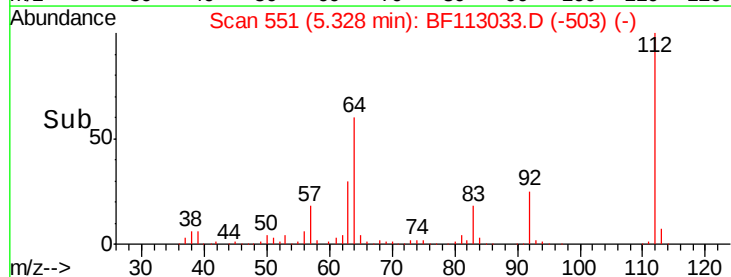
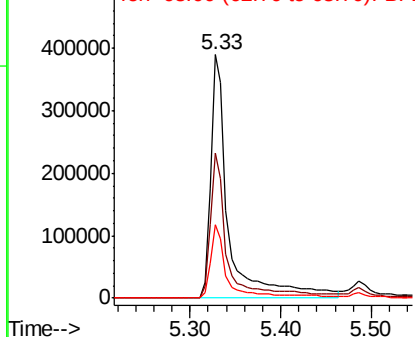
#5

2-Fluorophenol
Concen: 62.212 ng
RT: 5.33 min Scan# 551
Delta R.T. -0.02 min
Lab File: BF113033.D
Acq: 13 Mar 2019 17:31

Tgt Ion:112 Resp: 546190
Ion Ratio Lower Upper
112 100
64 59.6 47.6 71.4
63 29.9 24.4 36.6



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: 79.193 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113033.D

Acq: 13 Mar 2019 17:31

Instrument :

BNA_F

ClientSampled :

BRICK

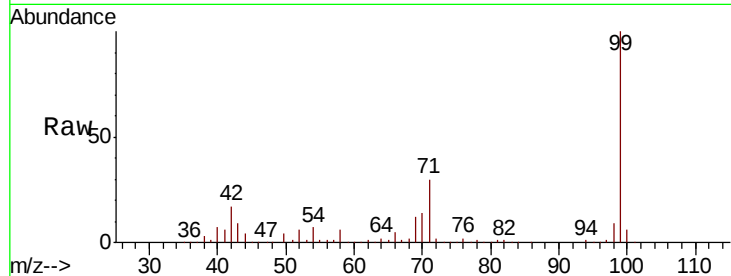
Tot Ion: 99 Resp: 873384

Ion Ratio Lower Upper

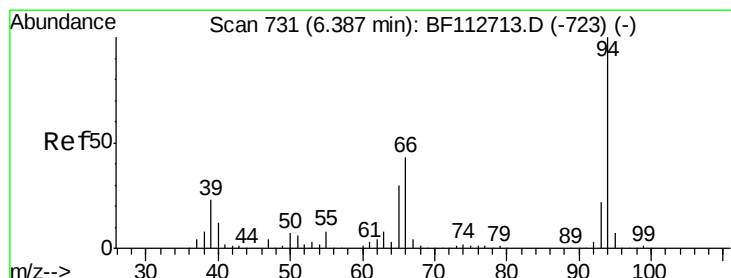
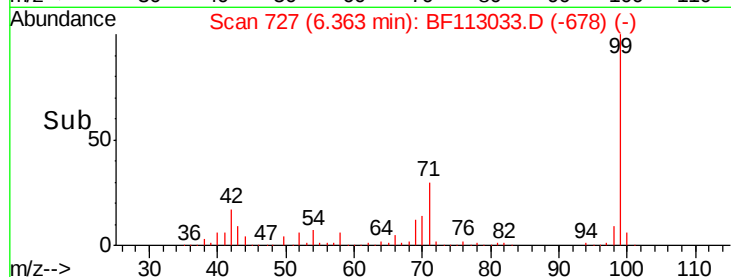
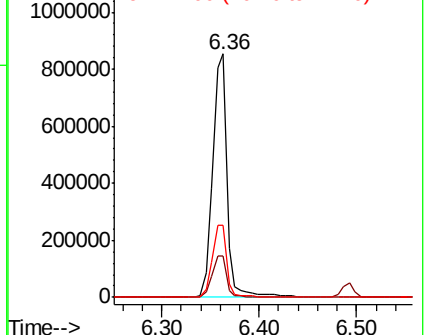
99 100

42 17.1 16.3 24.5

71 29.8 26.2 39.4



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



#10

Phenol

Concen: 2.372 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF113033.D

Acq: 13 Mar 2019 17:31

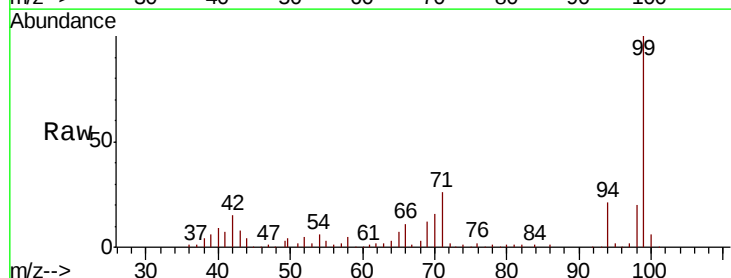
Tgt Ion: 94 Resp: 30527

Ion Ratio Lower Upper

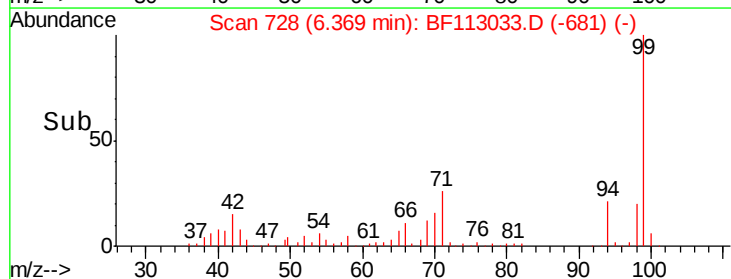
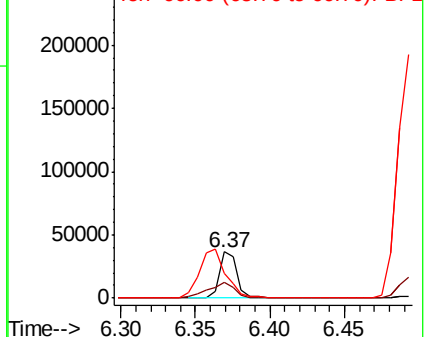
94 100

65 34.0 10.5 50.5

66 52.7 22.6 62.6



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

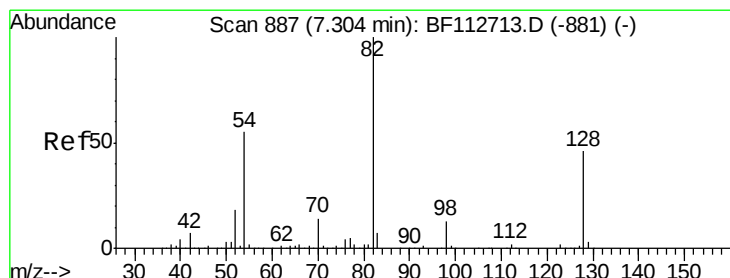
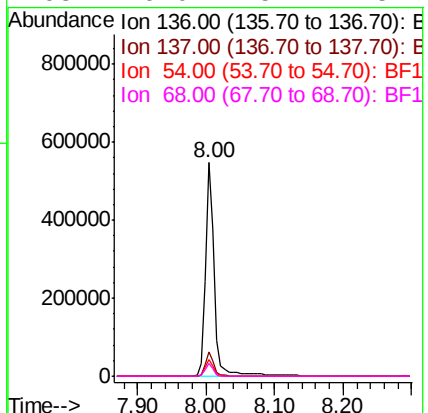
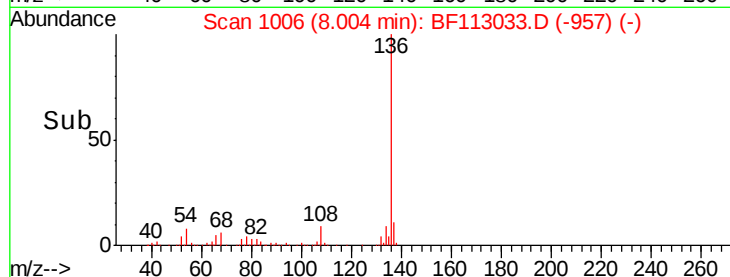
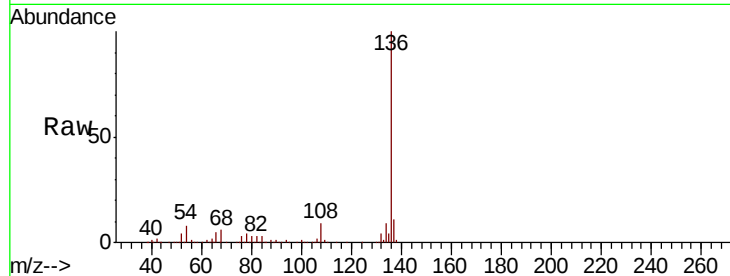




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF113033.D
Acq: 13 Mar 2019 17:31

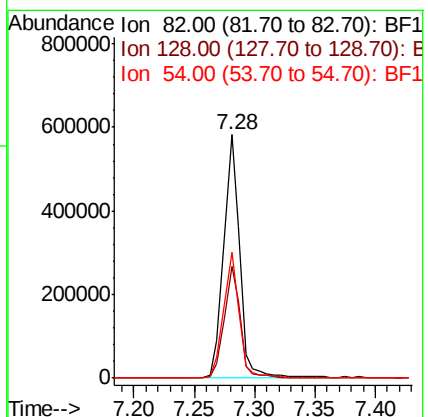
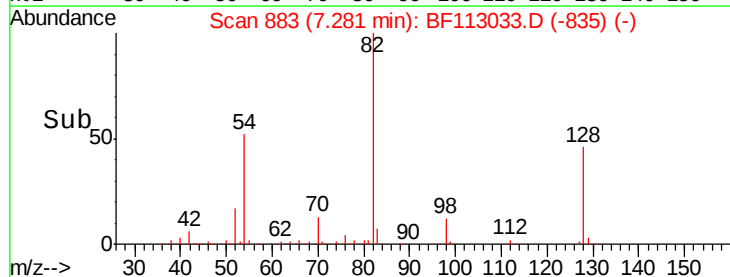
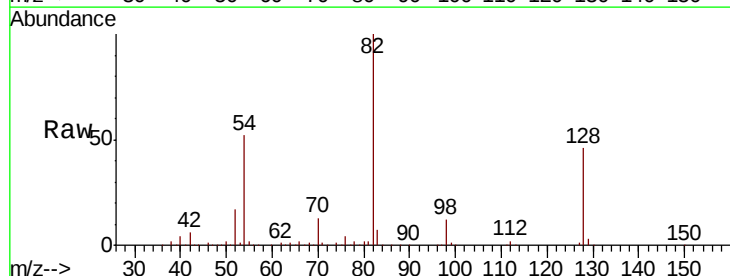
Instrument :
BNA_F
ClientSampleId :
BRICK

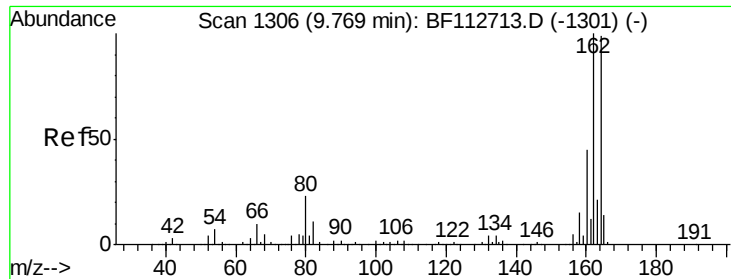
Tot Ion:136	Resp:	511372
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	8.0	7.3 10.9
68	6.0	5.4 8.2



#23
Nitrobenzene-d5
Concen: 63.040 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF113033.D
Acq: 13 Mar 2019 17:31

Tgt Ion: 82	Resp:	538737
Ion Ratio	Lower	Upper
82	100	
128	45.7	36.3 54.5
54	51.6	43.7 65.5

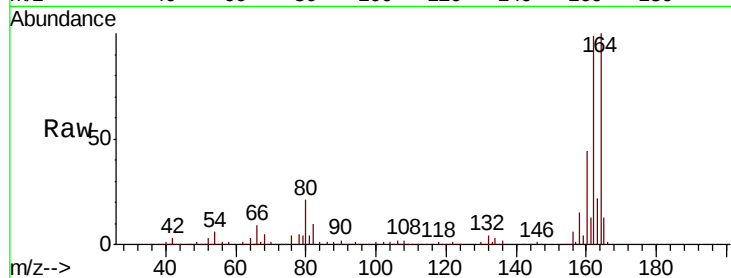




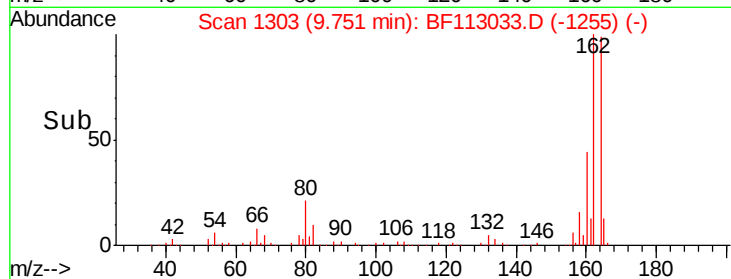
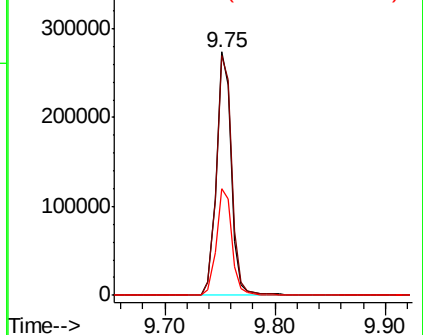
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.02 min
 Lab File: BF113033.D
 Acq: 13 Mar 2019 17:31

Instrument :
 BNA_F
 ClientSampleId :
 BRICK

Tot Ion	Ratio	Lower	Upper
164	100		
162	98.6	80.6	120.8
160	43.8	36.0	54.0

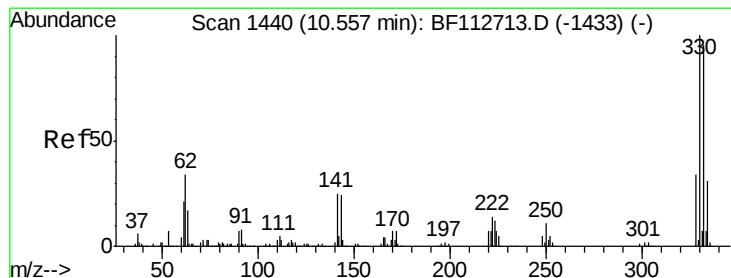


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

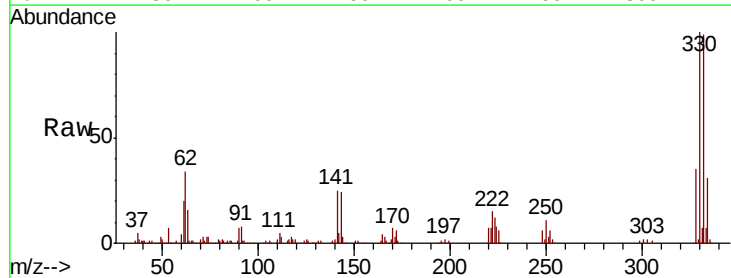
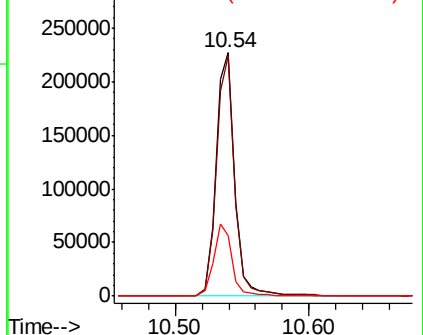


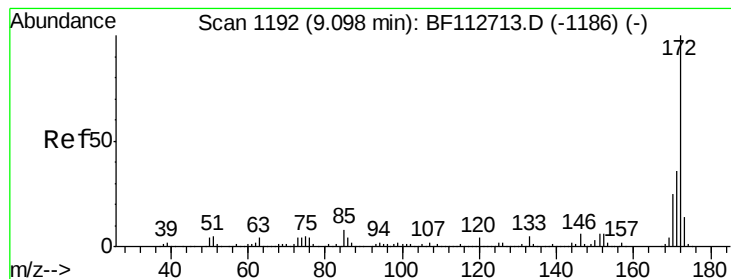
#42
 2,4,6-Tribromophenol
 Concen: 82.192 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF113033.D
 Acq: 13 Mar 2019 17:31

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.2	114.4
141	29.1	27.0	40.6



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: 62.535 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF113033.D

Acq: 13 Mar 2019 17:31

Instrument :

BNA_F

ClientSampleId :

BRICK

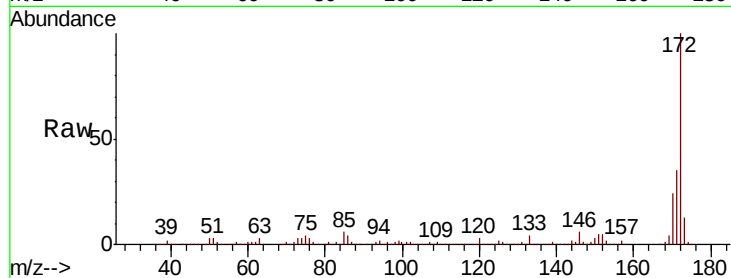
Tot Ion:172 Resp: 1037990

Ion Ratio Lower Upper

172 100

171 35.3 29.0 43.4

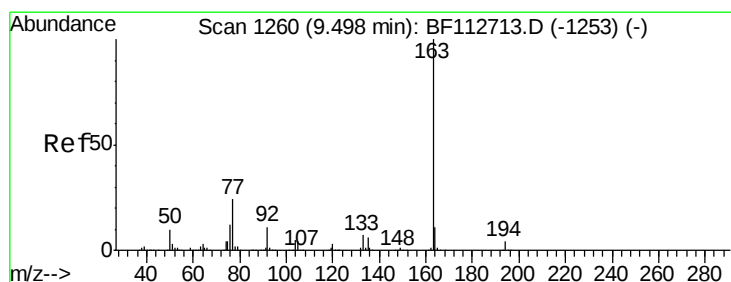
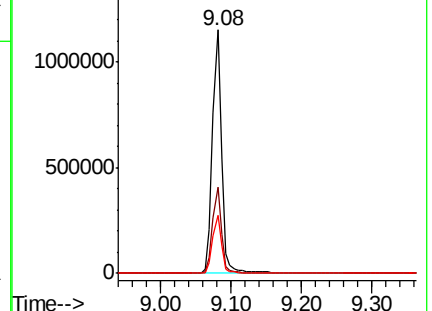
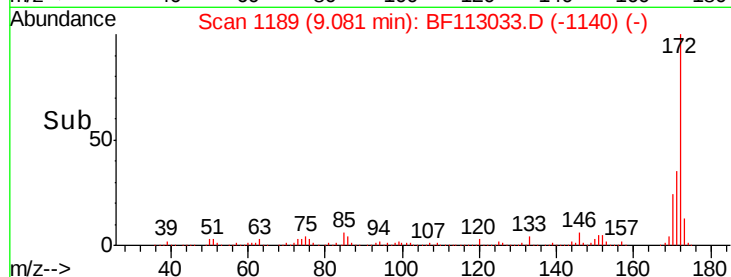
170 23.9 20.0 30.0



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: 3.328 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.03 min

Lab File: BF113033.D

Acq: 13 Mar 2019 17:31

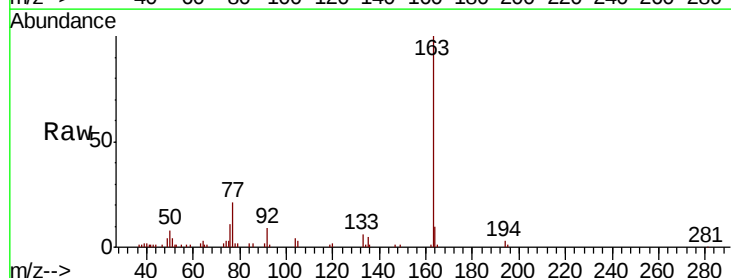
Tgt Ion:163 Resp: 62934

Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.4

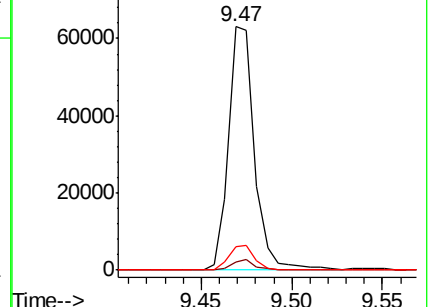
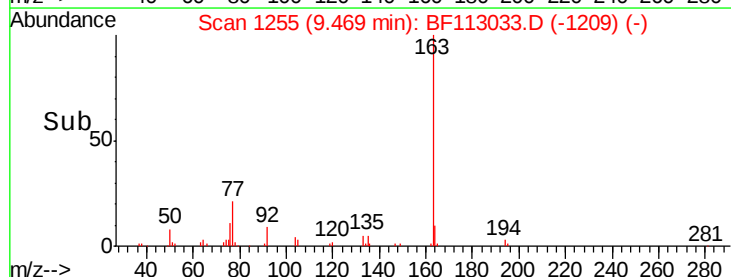
164 9.8 8.4 12.6



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

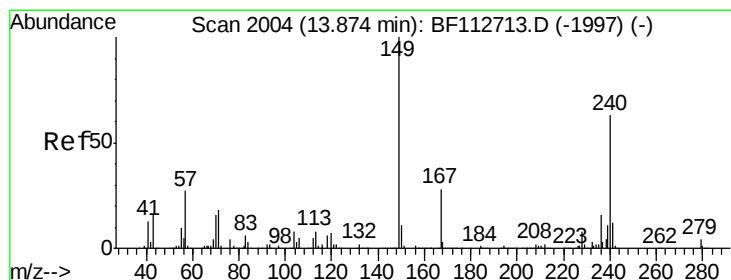
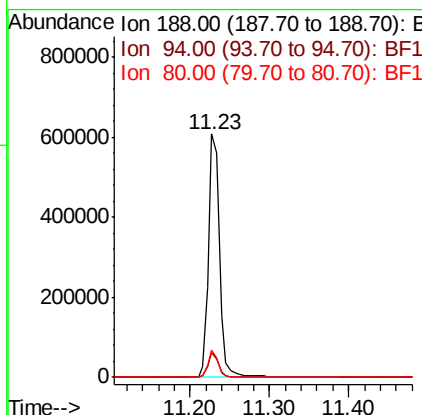
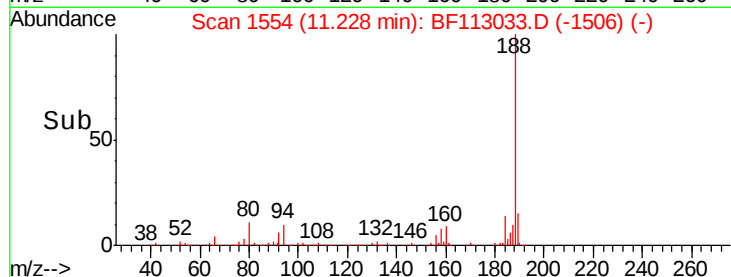
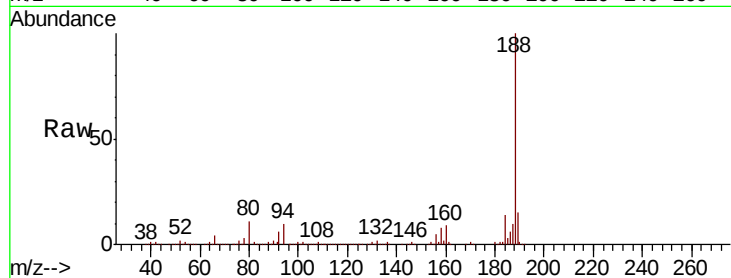




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.02 min
Lab File: BF113033.D
Acq: 13 Mar 2019 17:31

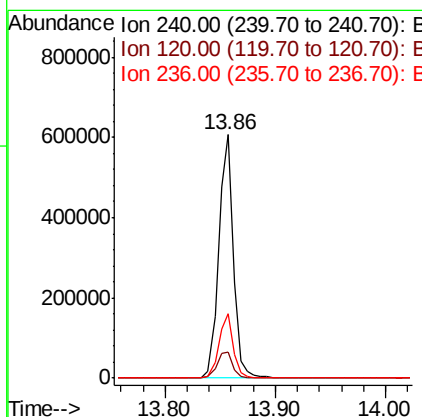
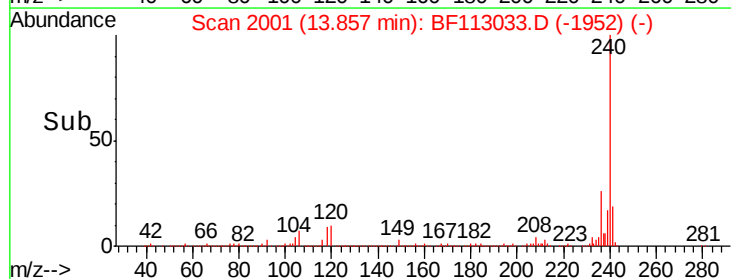
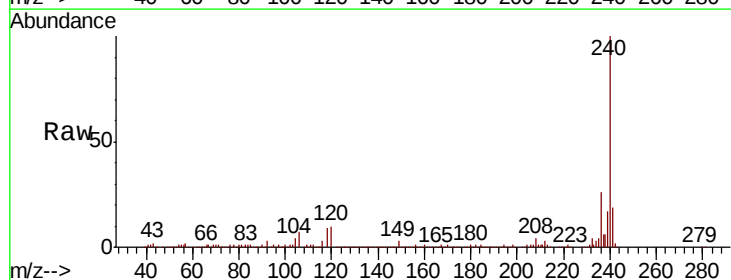
Instrument :
BNA_F
ClientSampleId :
BRICK

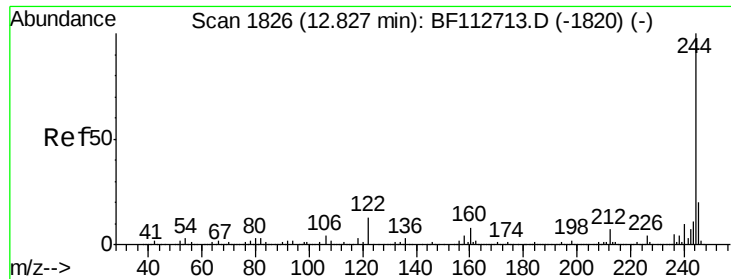
Tot Ion:188 Resp: 593676
Ion Ratio Lower Upper
188 100
94 10.3 9.0 13.4
80 11.1 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF113033.D
Acq: 13 Mar 2019 17:31

Tgt Ion:240 Resp: 556160
Ion Ratio Lower Upper
240 100
120 10.4 8.9 13.3
236 26.2 20.7 31.1





#79

Terphenyl-d14

Concen: 49.533 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF113033.D

Acq: 13 Mar 2019 17:31

Instrument :

BNA_F

ClientSampleId :

BRICK

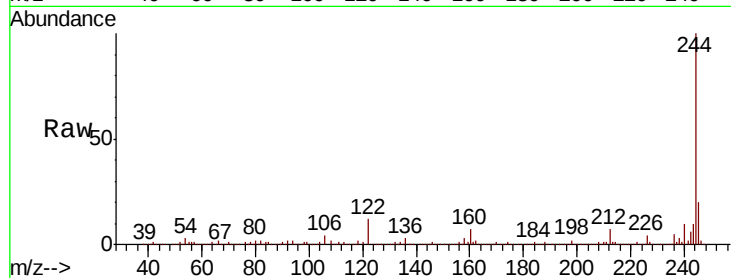
Tot Ion:244 Resp: 1421117

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

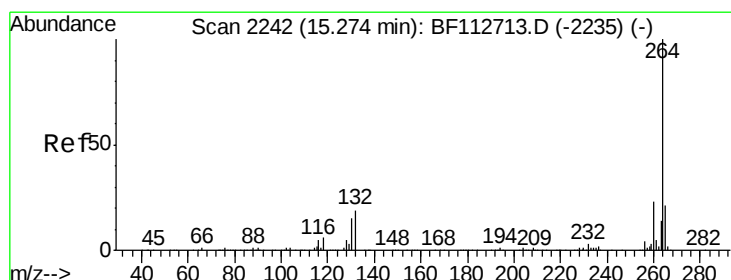
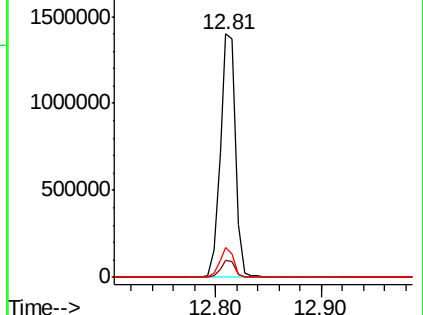
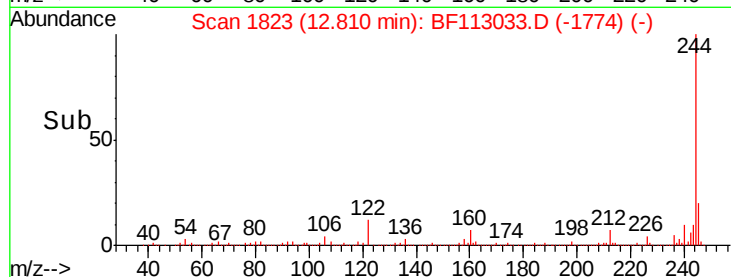
122 12.1 10.5 15.7



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

Perylene-d12

Concen: 20.000 ng

RT: 15.26 min Scan# 2240

Delta R.T. -0.01 min

Lab File: BF113033.D

Acq: 13 Mar 2019 17:31

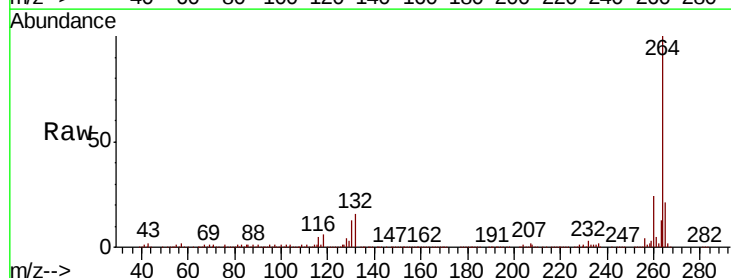
Tgt Ion:264 Resp: 571463

Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

265 21.4 17.2 25.8



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

