

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
 Data File : BF112839.D
 Acq On : 4 Mar 2019 22:01
 Operator : JU/SJ
 Sample : K1714-13
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-C-0-2

Quant Time: Mar 05 02:58:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

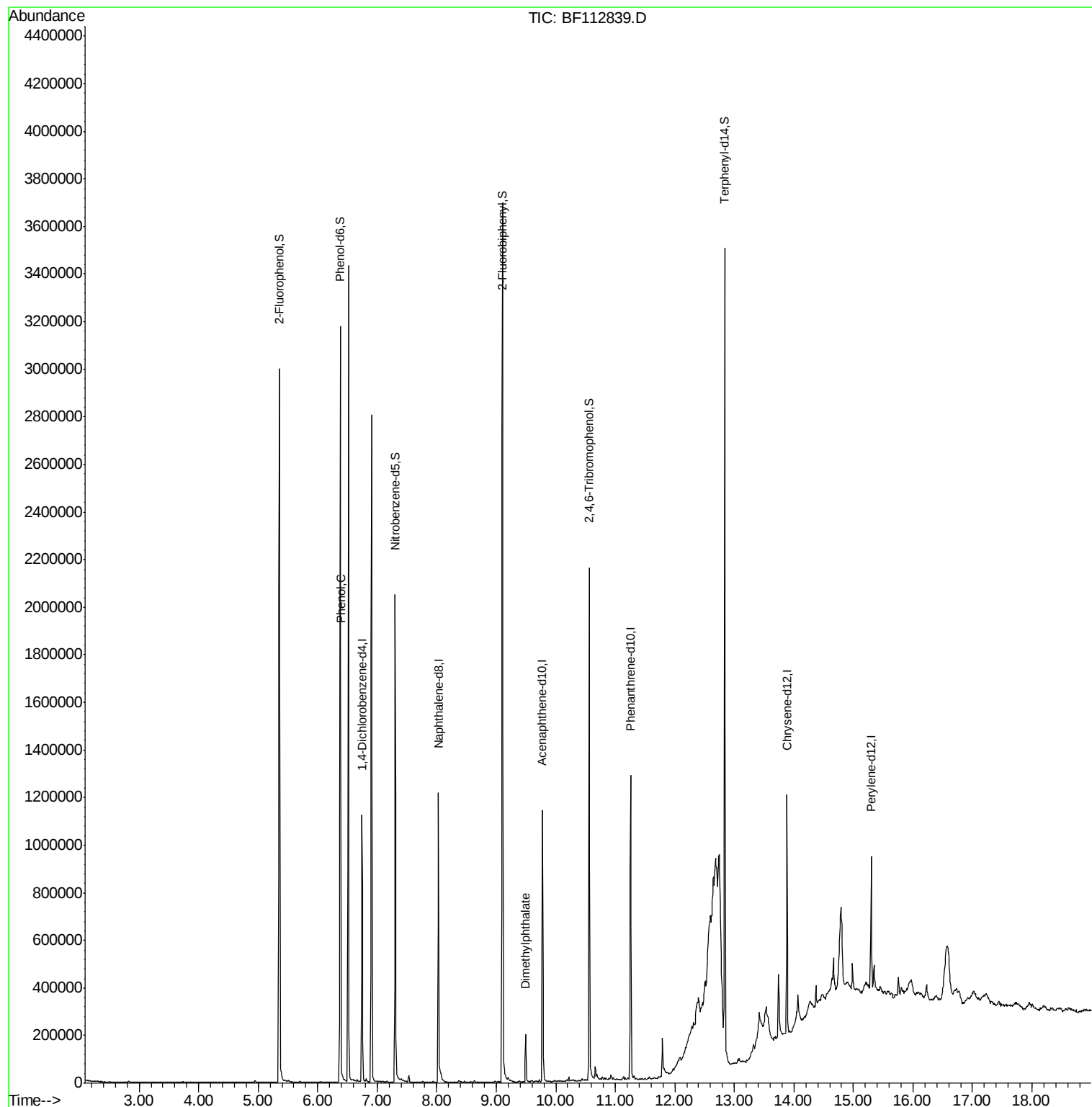
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	160232	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	586014	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	256120	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	482866	20.00	ng	0.01
76) Chrysene-d12	13.89	240	379187	20.00	ng	0.01
87) Perylene-d12	15.30	264	264384	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	871428	84.60	ng	0.01
7) Phenol-d6	6.38	99	1120248	86.58	ng	0.01
23) Nitrobenzene-d5	7.30	82	652513	66.63	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	294343	108.25	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1173296	73.16	ng	0.00
79) Terphenyl-d14	12.84	244	1094740	55.97	ng	0.01
Target Compounds						
10) Phenol	6.39	94	31752	2.103	ng	93
50) Dimethylphthalate	9.49	163	89680	4.749	ng	98

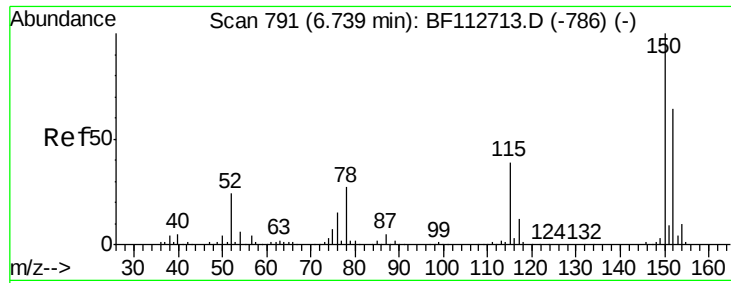
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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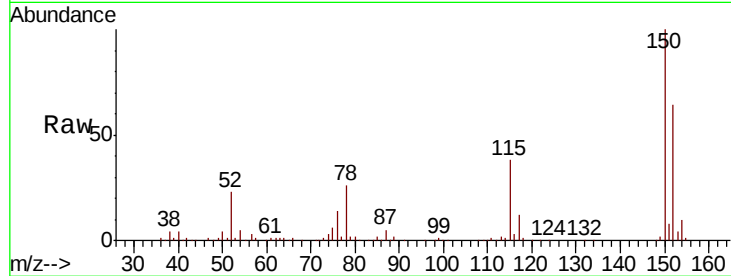


#1

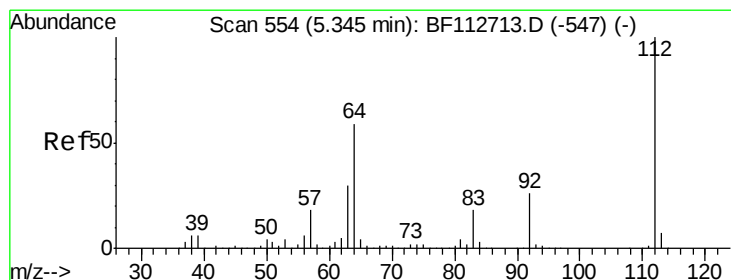
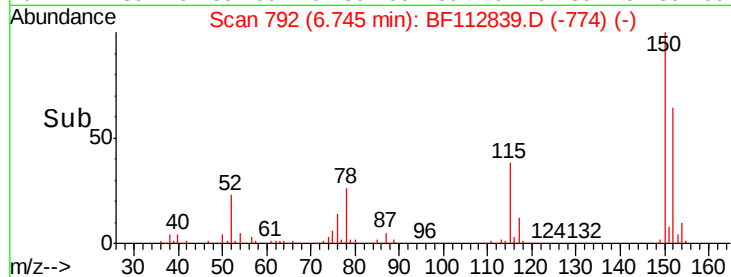
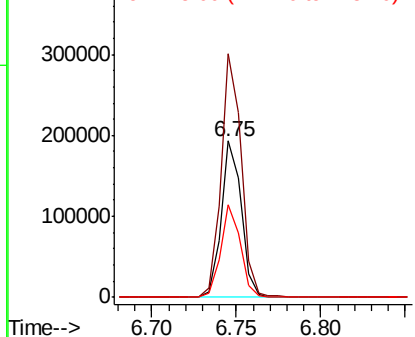
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF112839.D
Acq: 4 Mar 2019 22:01

Instrument :
BNA_F
ClientSampleId :
SB-C-0-2

Tot Ion:152 Resp: 160232
Ion Ratio Lower Upper
152 100
150 155.9 124.2 186.2
115 59.0 48.2 72.4



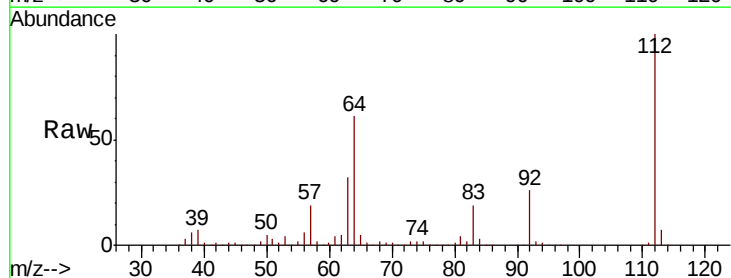
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



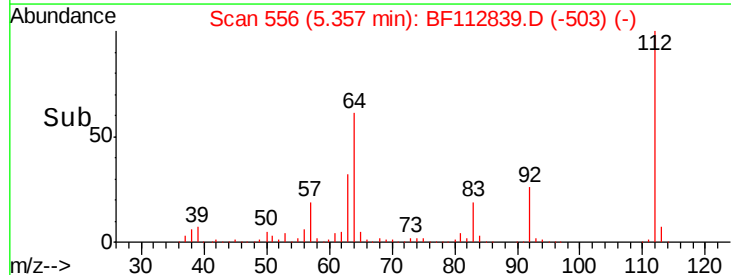
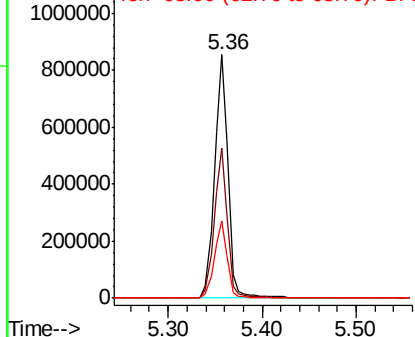
#5

2-Fluorophenol
Concen: 84.599 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF112839.D
Acq: 4 Mar 2019 22:01

Tgt Ion:112 Resp: 871428
Ion Ratio Lower Upper
112 100
64 61.5 47.6 71.4
63 31.6 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: 86.577 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF112839.D

Acq: 4 Mar 2019 22:01

Instrument :

BNA_F

ClientSampleId :

SB-C-0-2

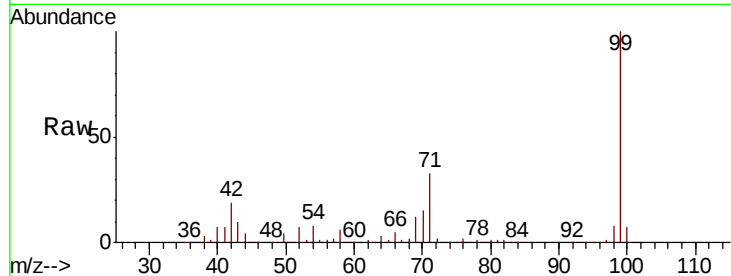
Tot Ion: 99 Resp: 1120248

Ion Ratio Lower Upper

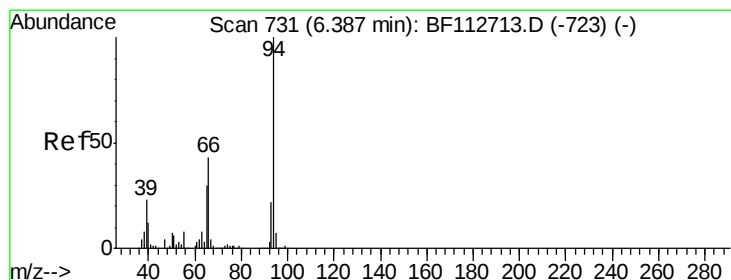
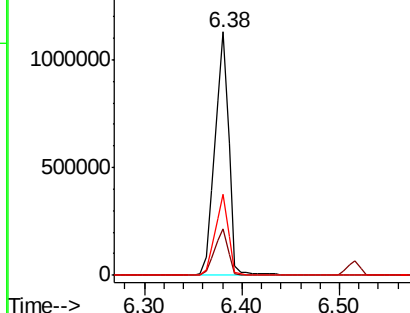
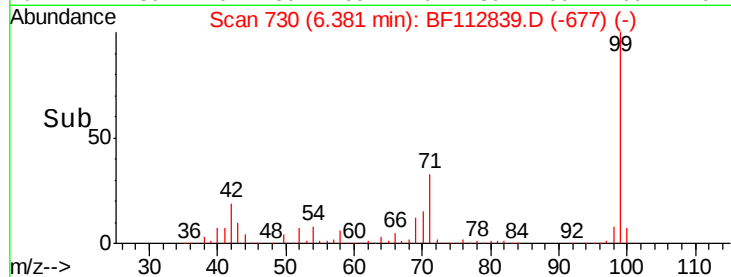
99 100

42 19.1 16.3 24.5

71 33.1 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: 2.103 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF112839.D

Acq: 4 Mar 2019 22:01

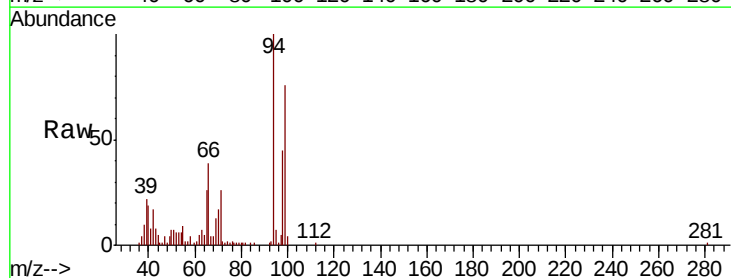
Tgt Ion: 94 Resp: 31752

Ion Ratio Lower Upper

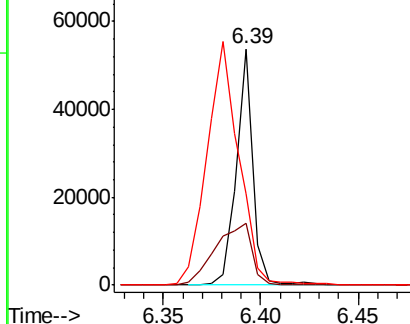
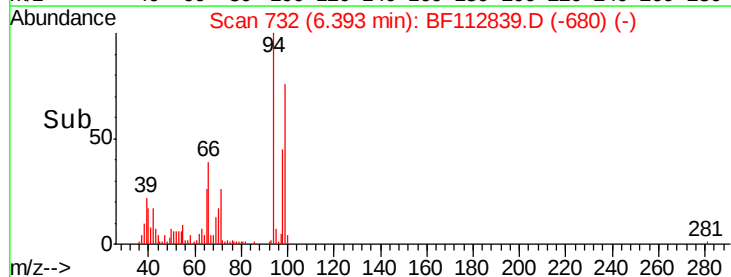
94 100

65 26.4 10.5 50.5

66 38.7 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

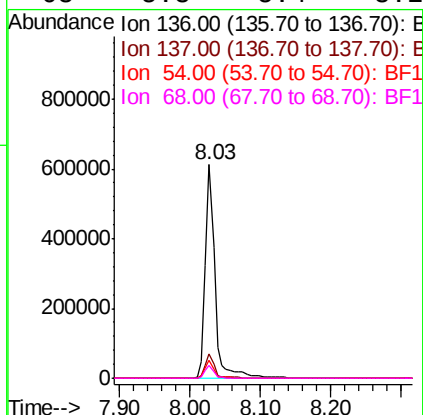
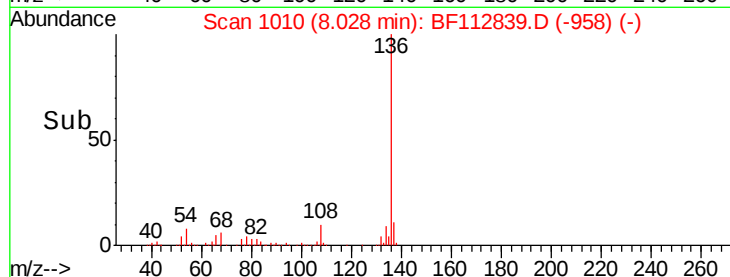
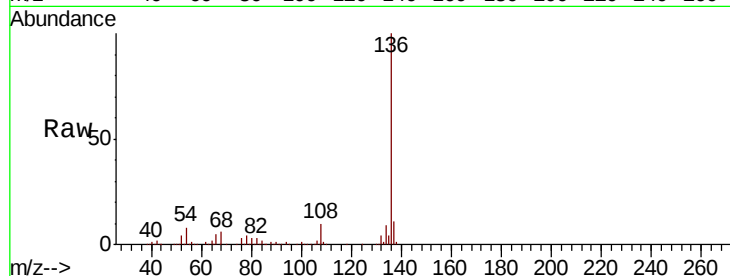




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.01 min
Lab File: BF112839.D
Acq: 4 Mar 2019 22:01

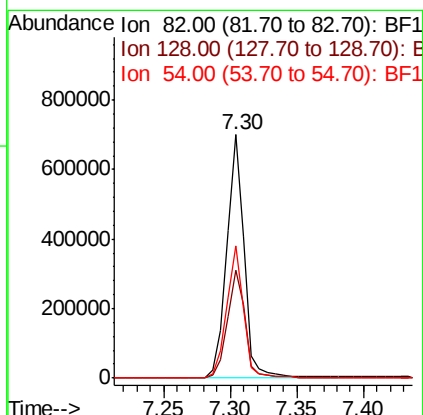
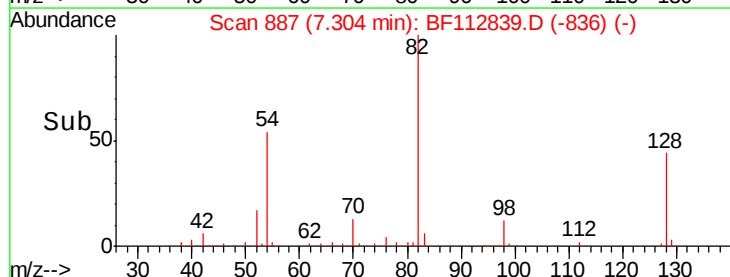
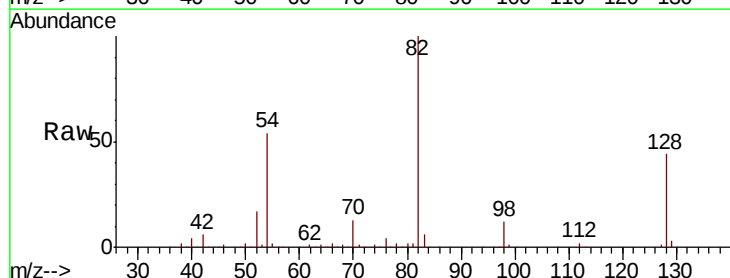
Instrument :
BNA_F
ClientSampleId :
SB-C-0-2

Tot Ion:136	Resp:	586014
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.9 13.3
54	8.2	7.3 10.9
68	5.8	5.4 8.2



#23
Nitrobenzene-d5
Concen: 66.628 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF112839.D
Acq: 4 Mar 2019 22:01

Tgt Ion: 82	Resp:	652513
Ion	Ratio	Lower Upper
82	100	
128	44.3	36.3 54.5
54	54.1	43.7 65.5

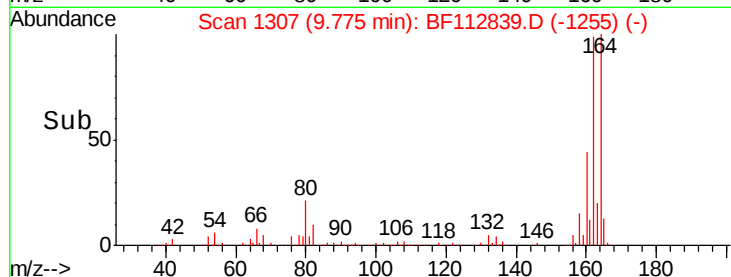
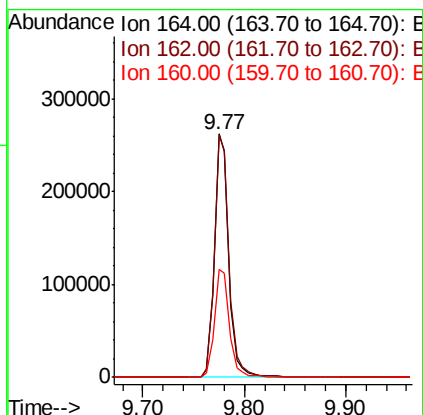
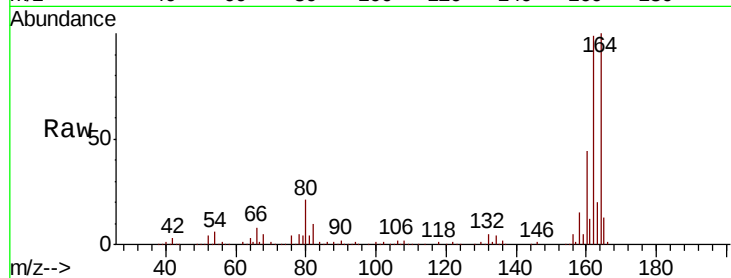




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. 0.01 min
 Lab File: BF112839.D
 Acq: 4 Mar 2019 22:01

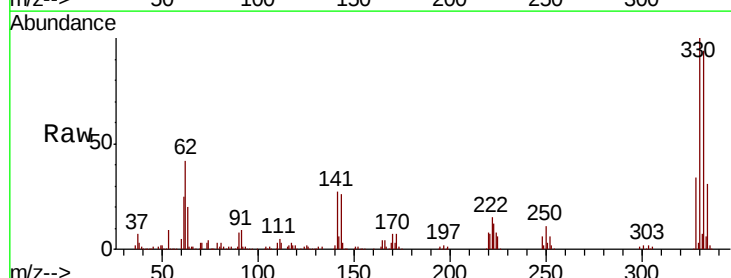
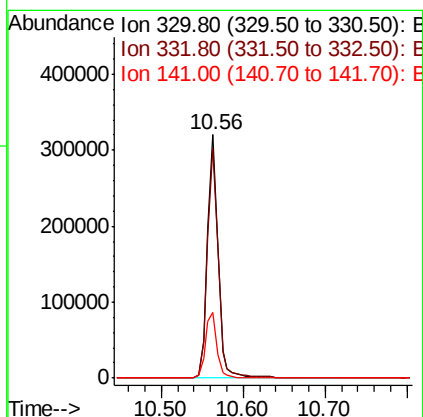
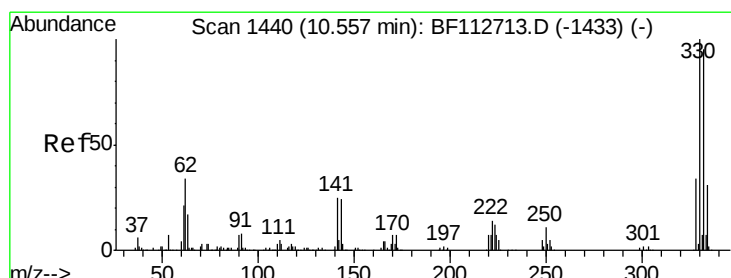
Instrument :
 BNA_F
 ClientSampleId :
 SB-C-0-2

Tot Ion:164 Resp: 256120
 Ion Ratio Lower Upper
 164 100
 162 99.5 80.6 120.8
 160 44.1 36.0 54.0



#42
 2,4,6-Tribromophenol
 Concen: 108.253 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: BF112839.D
 Acq: 4 Mar 2019 22:01

Tgt Ion:330 Resp: 294343
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.2 114.4
 141 29.1 27.0 40.6



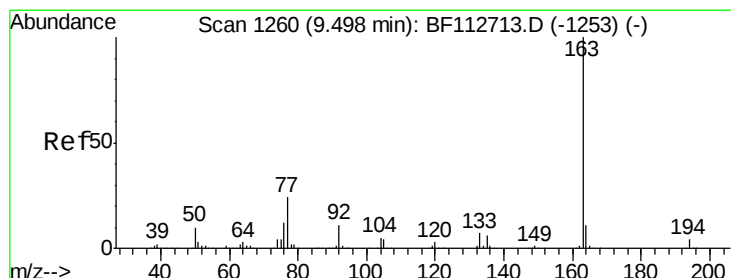
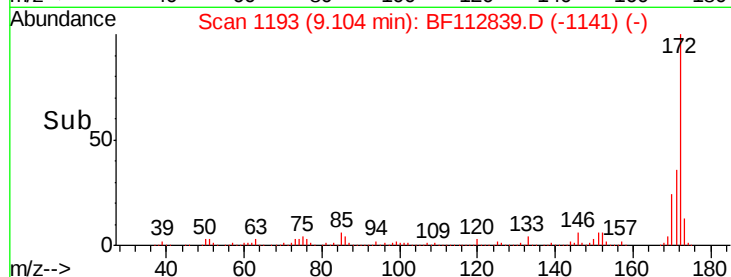
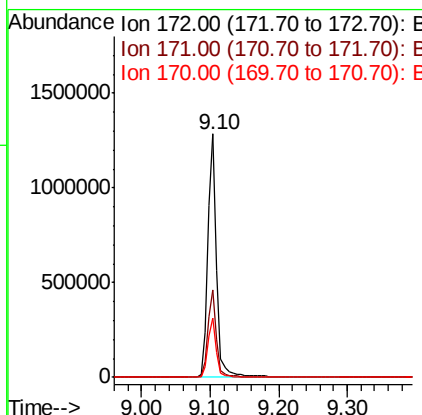
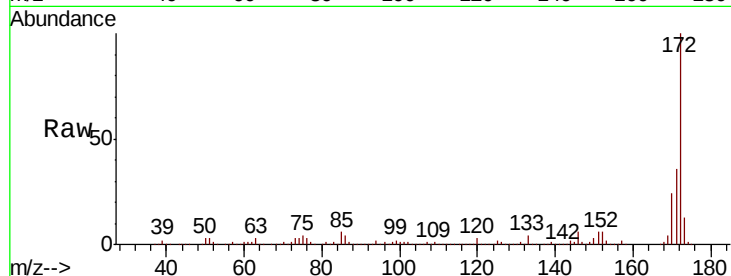


#45
 2-Fluorobiphenyl
 Concen: 73.162 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. 0.01 min
 Lab File: BF112839.D
 Acq: 4 Mar 2019 22:01

Instrument :
 BNA_F
 ClientSampleId :
 SB-C-0-2

Tot Ion:172 Resp: 1173296

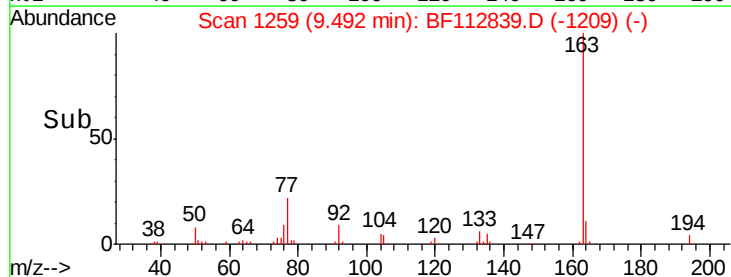
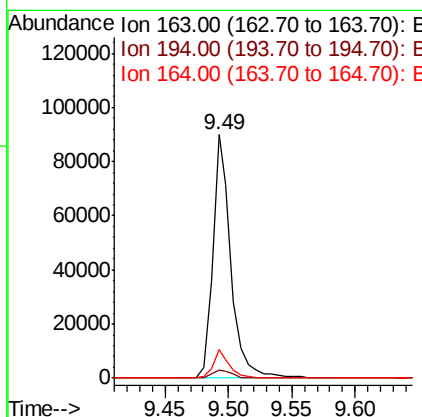
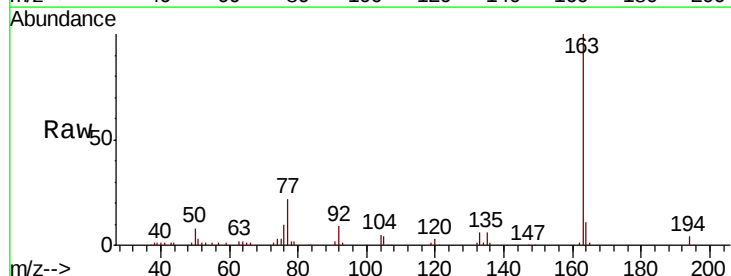
Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.4
170	24.2	20.0	30.0



#50
 Dimethylphthalate
 Concen: 4.749 ng
 RT: 9.49 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: BF112839.D
 Acq: 4 Mar 2019 22:01

Tgt Ion:163 Resp: 89680

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.0	4.4
164	11.5	8.4	12.6

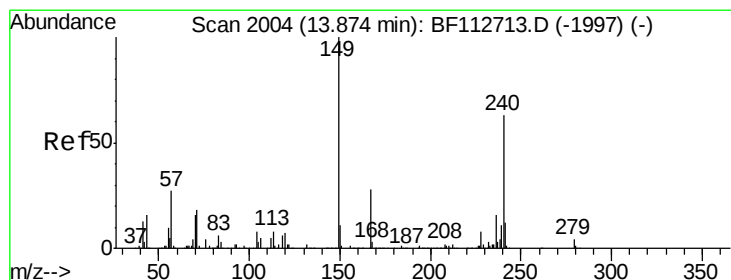
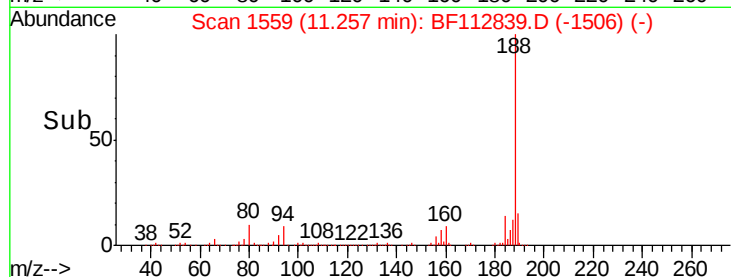
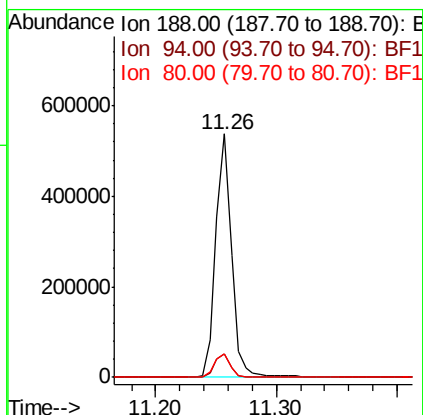
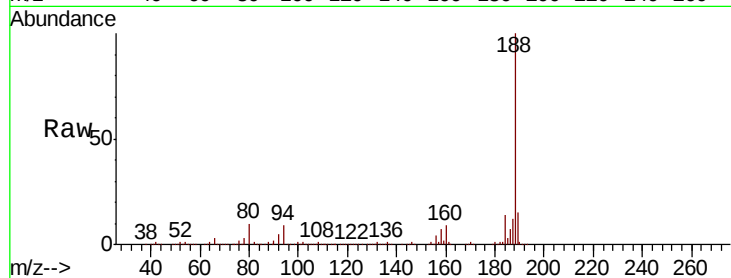




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. 0.01 min
Lab File: BF112839.D
Acq: 4 Mar 2019 22:01

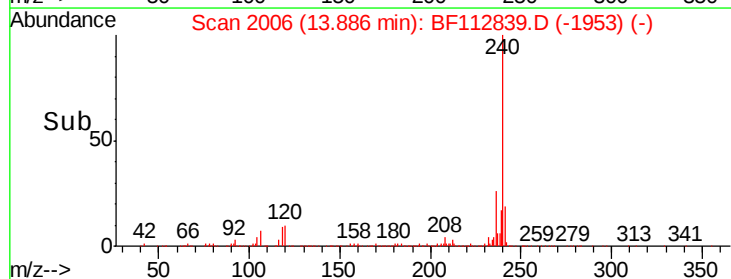
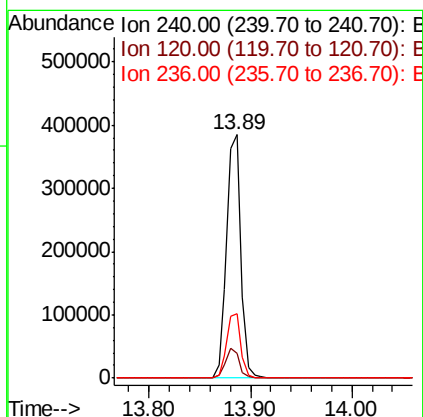
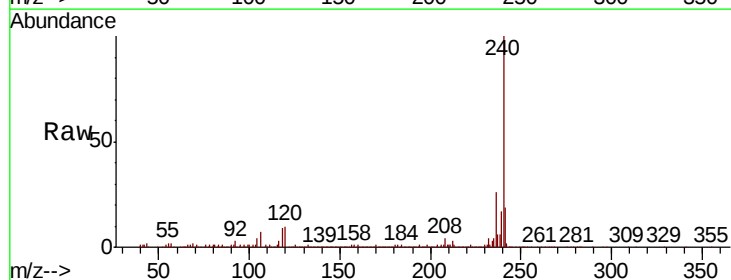
Instrument :
BNA_F
ClientSampleId :
SB-C-0-2

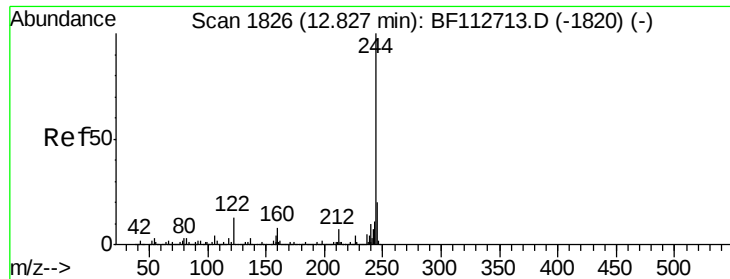
Tot Ion:188 Resp: 482866
Ion Ratio Lower Upper
188 100
94 9.4 9.0 13.4
80 9.6 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. 0.01 min
Lab File: BF112839.D
Acq: 4 Mar 2019 22:01

Tgt Ion:240 Resp: 379187
Ion Ratio Lower Upper
240 100
120 10.3 8.9 13.3
236 26.3 20.7 31.1





#79

Terphenyl-d14

Concen: 55.966 ng

RT: 12.84 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF112839.D

Acq: 4 Mar 2019 22:01

Instrument :

BNA_F

ClientSampleId :

SB-C-0-2

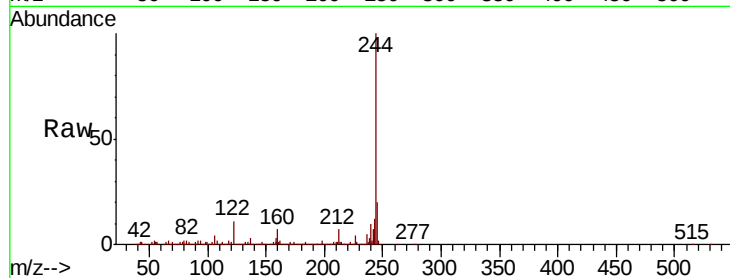
Tot Ion:244 Resp: 1094740

Ion Ratio Lower Upper

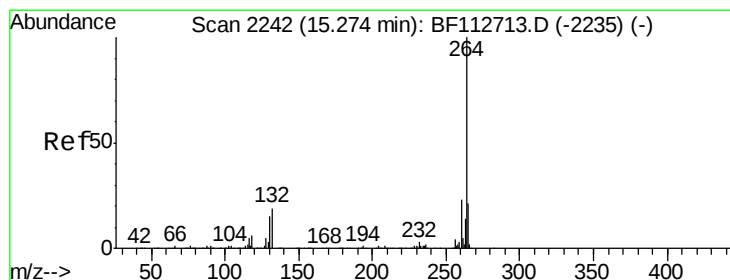
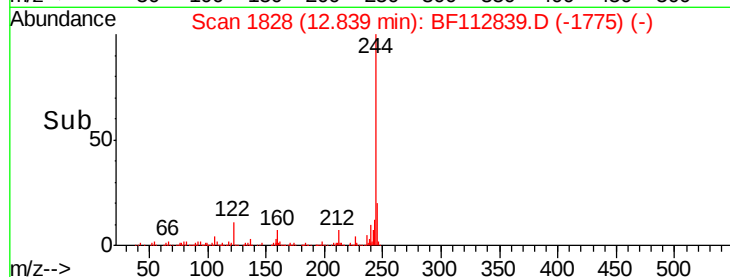
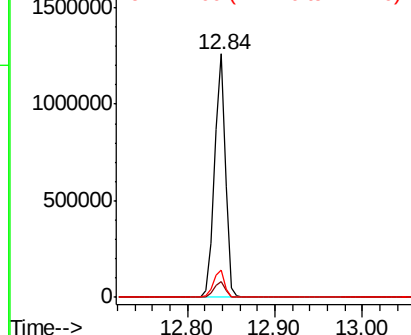
244 100

212 6.7 5.6 8.4

122 11.1 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: 15.30 min Scan# 2246

Delta R.T. 0.02 min

Lab File: BF112839.D

Acq: 4 Mar 2019 22:01

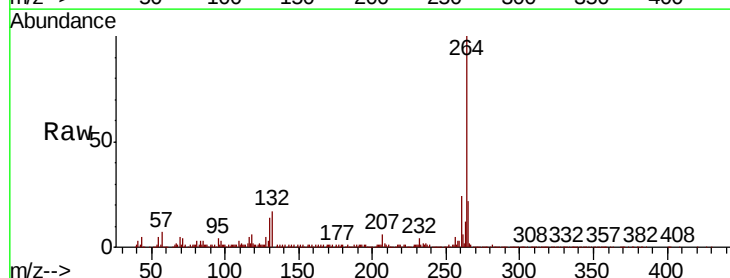
Tgt Ion:264 Resp: 264384

Ion Ratio Lower Upper

264 100

260 23.8 18.7 28.1

265 21.8 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

