

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
 Data File : BF112872.D
 Acq On : 6 Mar 2019 00:35
 Operator : JU/SJ
 Sample : K1714-15
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-C-5-8

Quant Time: Mar 06 04:13:06 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

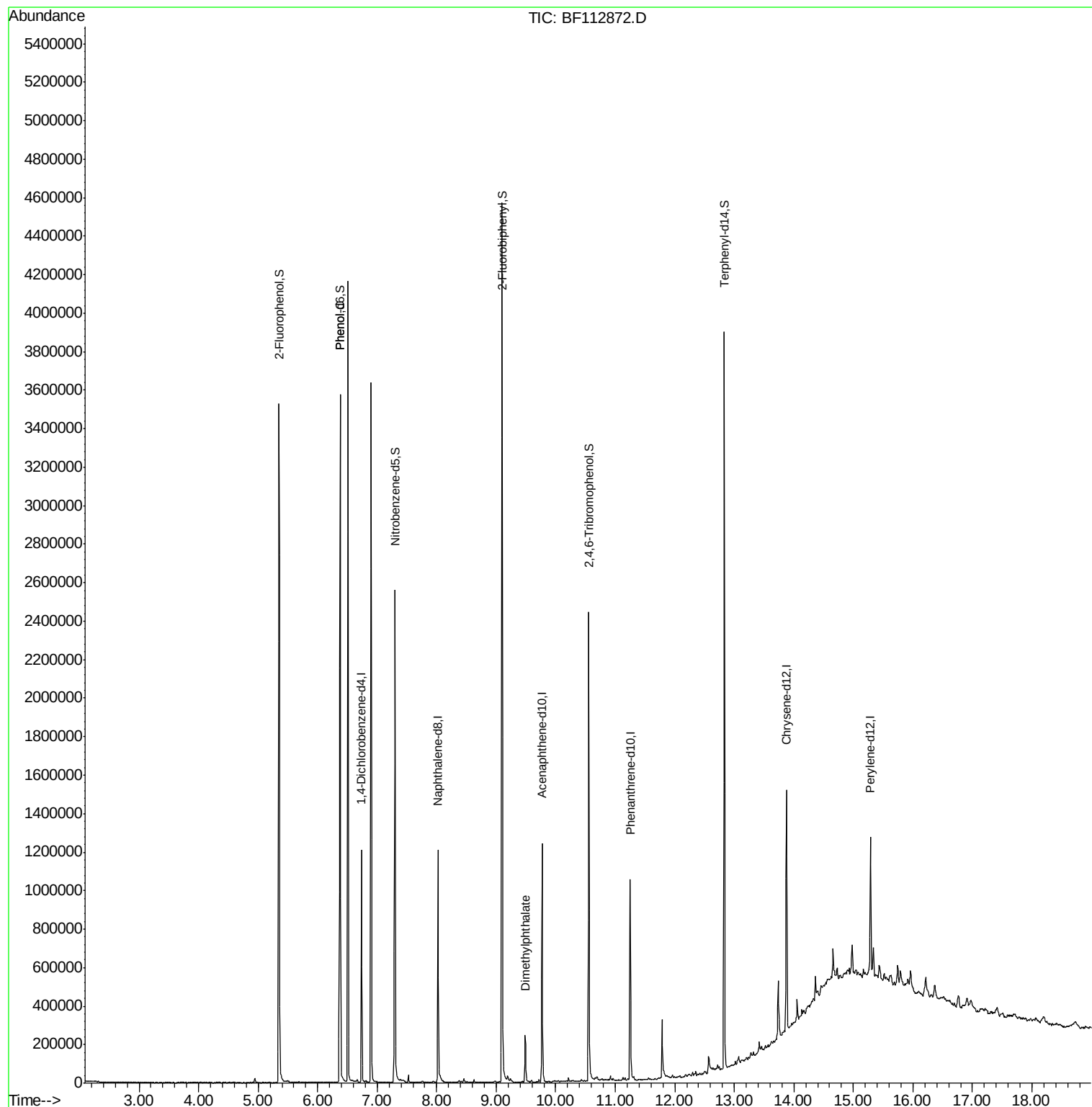
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	164919	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	606549	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	257001	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	458504	20.00	ng	0.00
76) Chrysene-d12	13.87	240	451867	20.00	ng	0.00
87) Perylene-d12	15.29	264	321813	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1068995	100.83	ng	0.00
7) Phenol-d6	6.38	99	1386069	104.08	ng	0.01
23) Nitrobenzene-d5	7.30	82	838847	82.75	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	343408	125.86	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1449229	97.04	ng	0.00
79) Terphenyl-d14	12.83	244	1393431	59.78	ng	0.00
Target Compounds						
10) Phenol	6.39	94	83141	5.350	ng	99
50) Dimethylphthalate	9.49	163	105821	5.584	ng	98

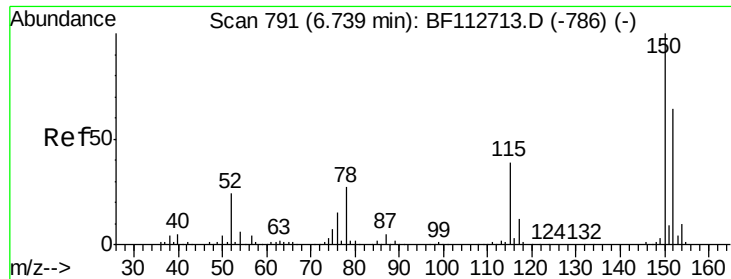
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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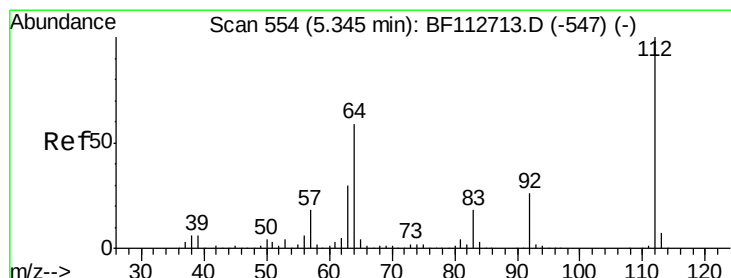
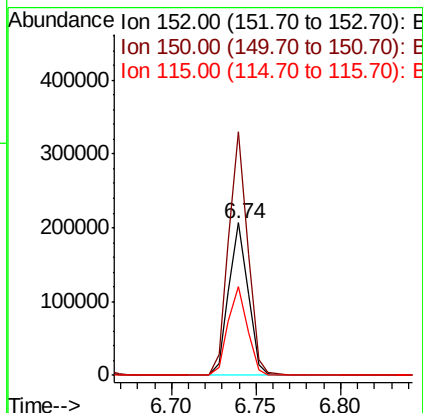
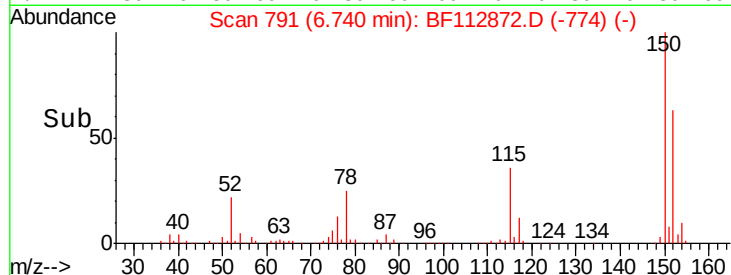
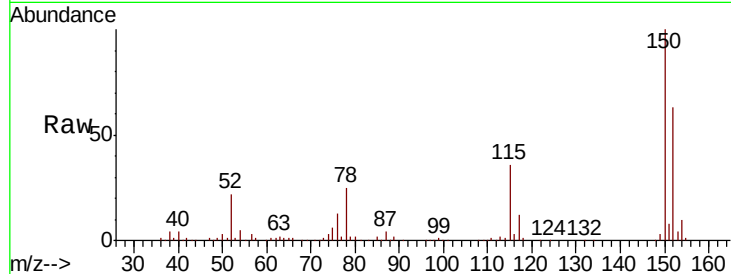


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF112872.D
Acq: 6 Mar 2019 00:35

Instrument :
BNA_F
ClientSampleId :
SB-C-5-8

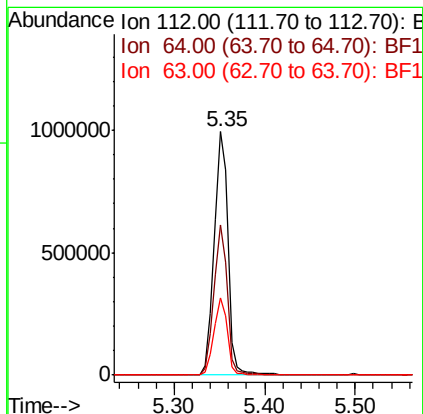
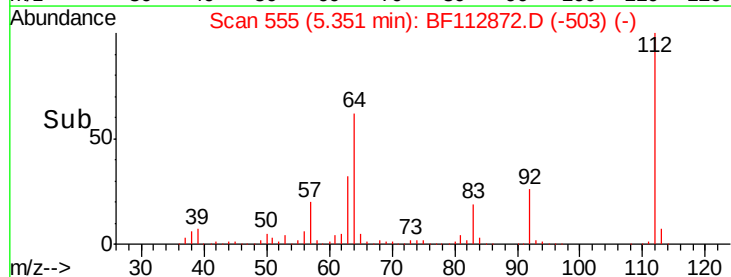
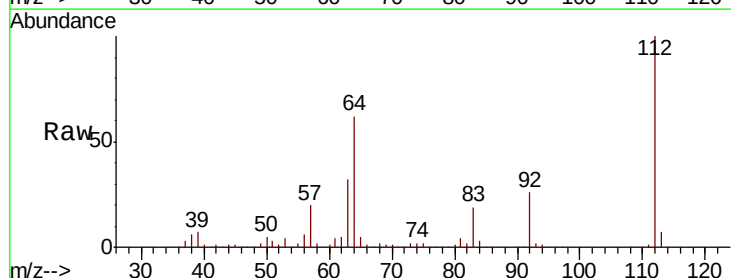
Tot Ion:152 Resp: 164919
Ion Ratio Lower Upper
152 100
150 159.9 124.2 186.2
115 58.2 48.2 72.4

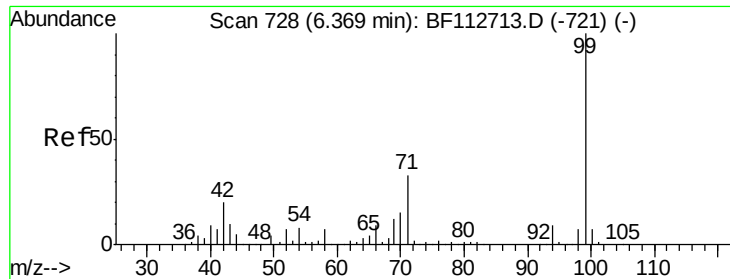


#5

2-Fluorophenol
Concen: 100.829 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF112872.D
Acq: 6 Mar 2019 00:35

Tgt Ion:112 Resp: 1068995
Ion Ratio Lower Upper
112 100
64 61.5 47.6 71.4
63 31.9 24.4 36.6





#7

Phenol-d6

Concen: 104.076 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF112872.D

Acq: 6 Mar 2019 00:35

Instrument :

BNA_F

ClientSampleId :

SB-C-5-8

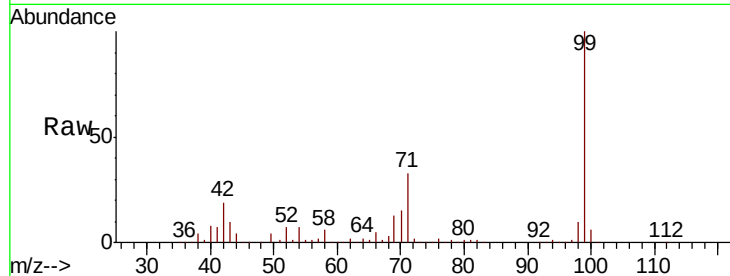
Tot Ion: 99 Resp: 1386069

Ion Ratio Lower Upper

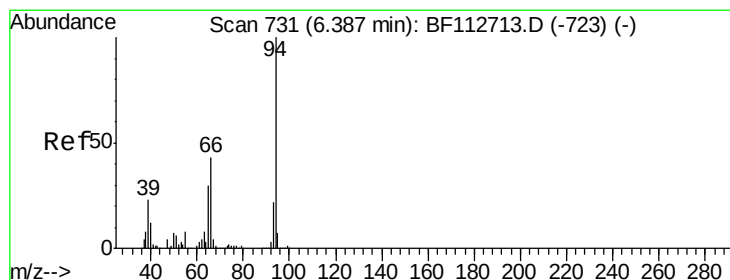
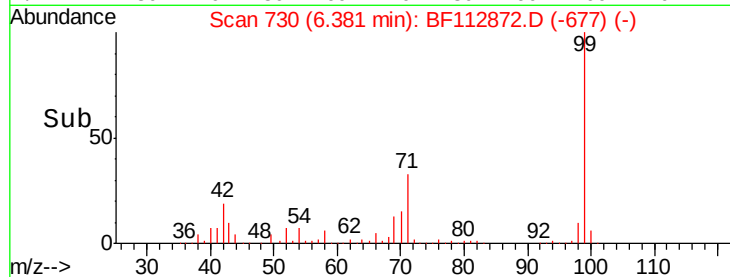
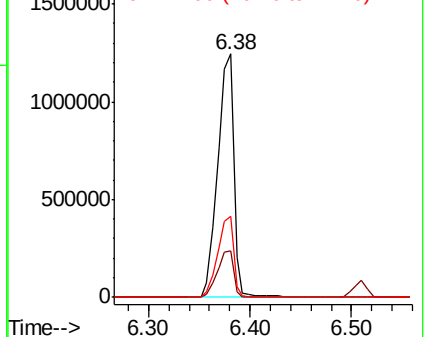
99 100

42 19.0 16.3 24.5

71 33.3 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: 5.350 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF112872.D

Acq: 6 Mar 2019 00:35

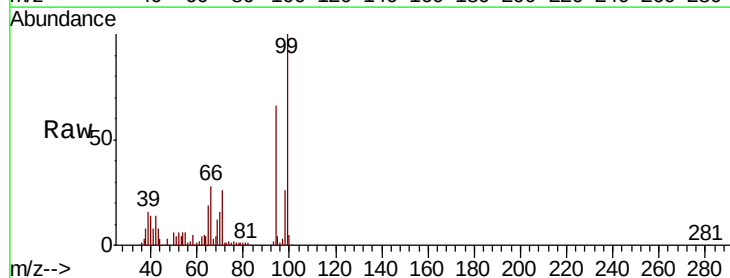
Tgt Ion: 94 Resp: 83141

Ion Ratio Lower Upper

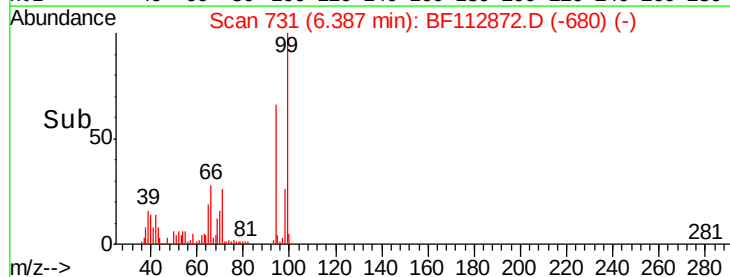
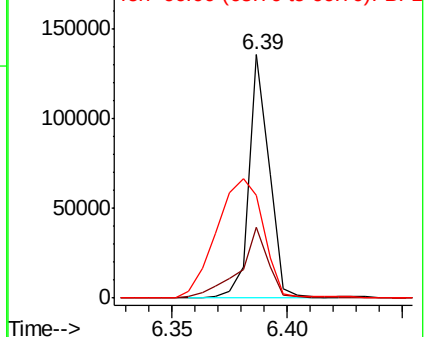
94 100

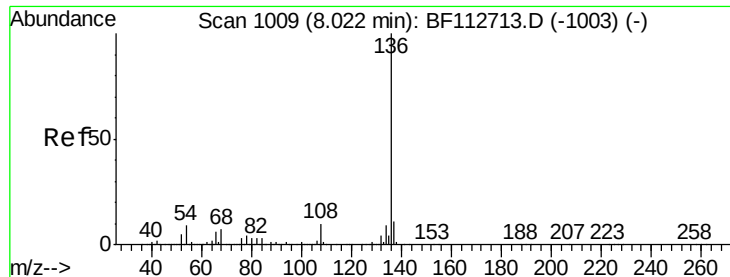
65 29.2 10.5 50.5

66 42.4 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

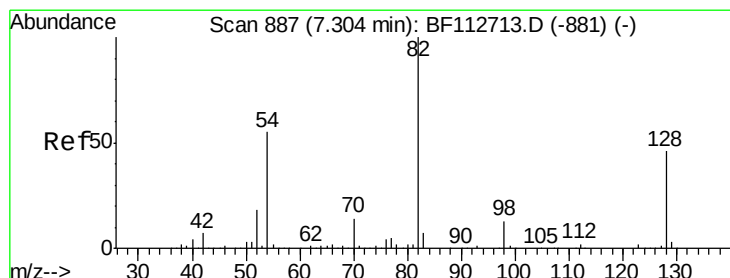
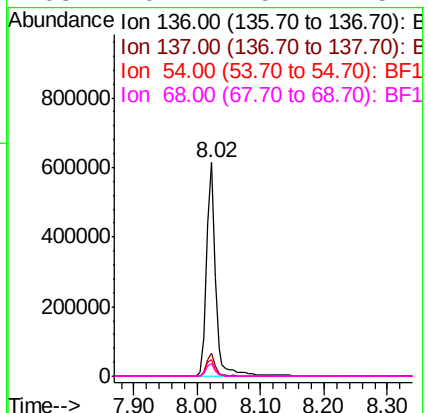
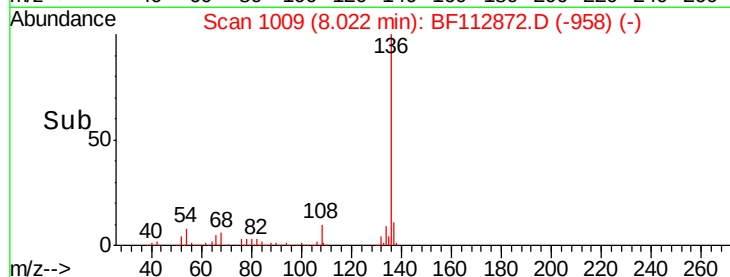
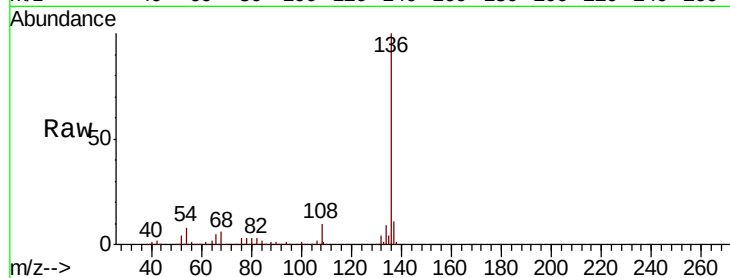




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF112872.D
Acq: 6 Mar 2019 00:35

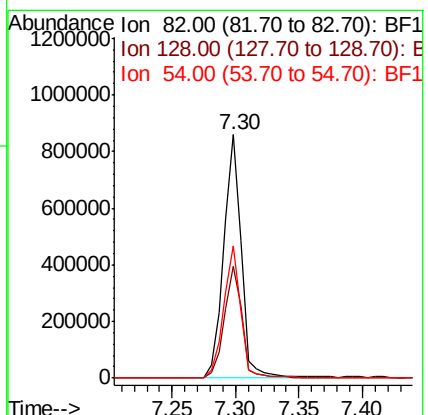
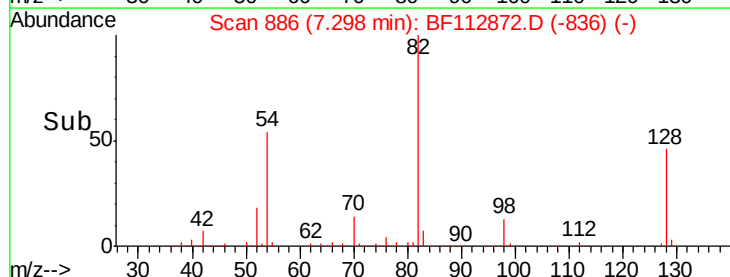
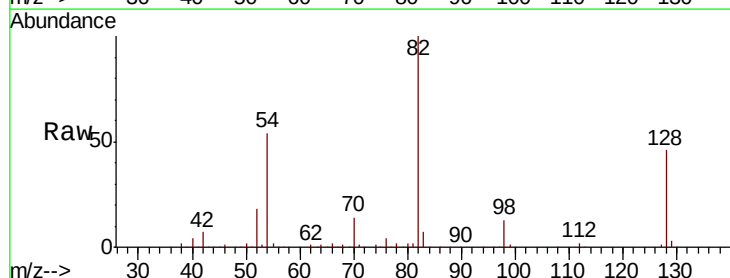
Instrument :
BNA_F
ClientSampleId :
SB-C-5-8

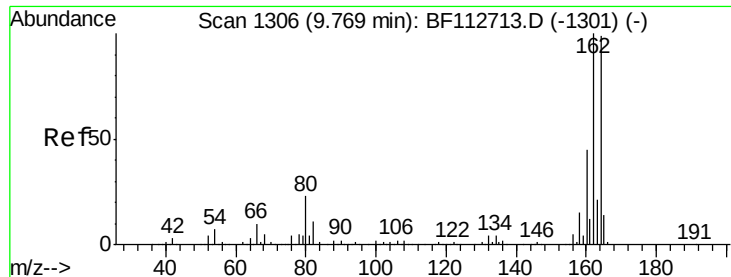
Tot Ion:136	Resp:	606549
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	7.9	7.3 10.9
68	6.1	5.4 8.2



#23
Nitrobenzene-d5
Concen: 82.755 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF112872.D
Acq: 6 Mar 2019 00:35

Tgt Ion: 82	Resp:	838847
Ion Ratio	Lower	Upper
82	100	
128	45.9	36.3 54.5
54	54.4	43.7 65.5

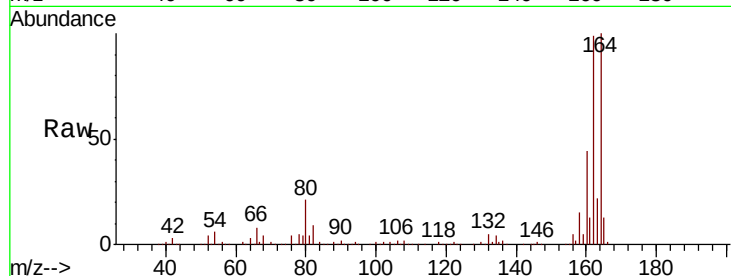




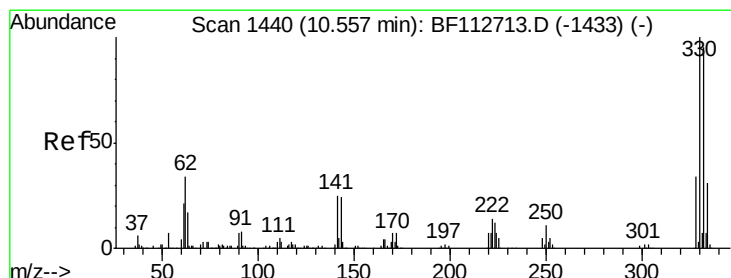
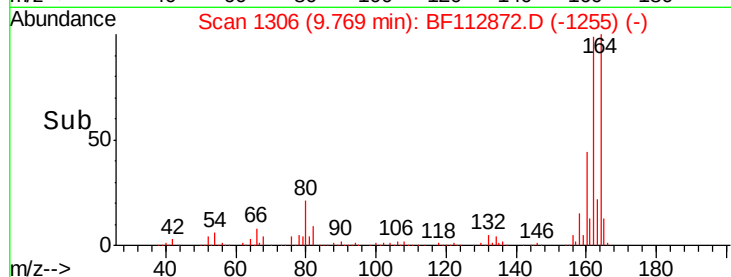
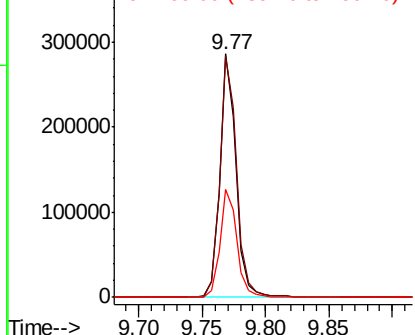
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF112872.D
Acq: 6 Mar 2019 00:35

Instrument :
BNA_F
ClientSampleId :
SB-C-5-8

Tot Ion:164 Resp: 257001
Ion Ratio Lower Upper
164 100
162 98.9 80.6 120.8
160 44.2 36.0 54.0

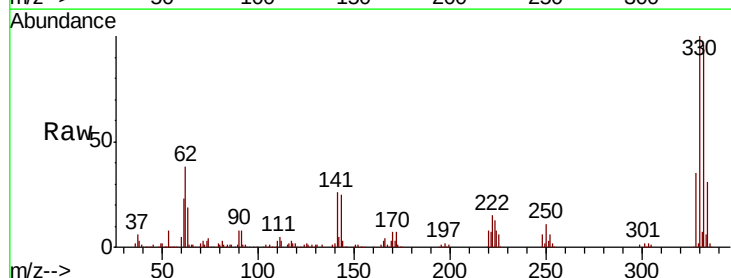


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

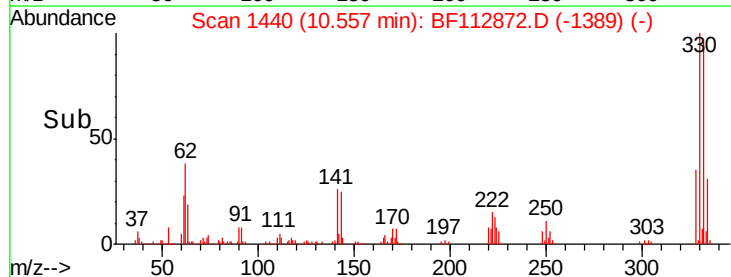
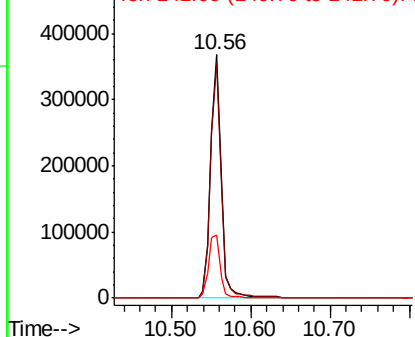


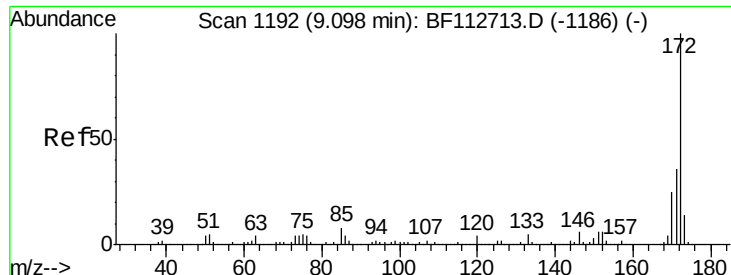
#42
2,4,6-Tribromophenol
Concen: 125.865 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF112872.D
Acq: 6 Mar 2019 00:35

Tgt Ion:330 Resp: 343408
Ion Ratio Lower Upper
330 100
332 96.9 76.2 114.4
141 29.0 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

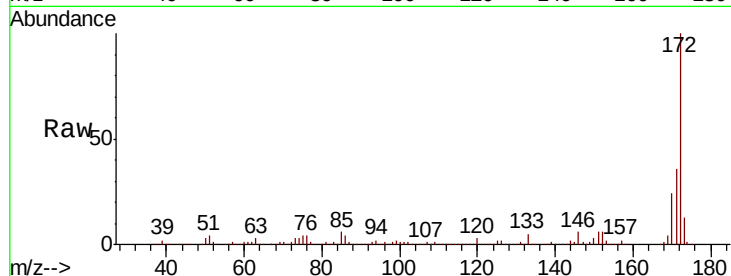




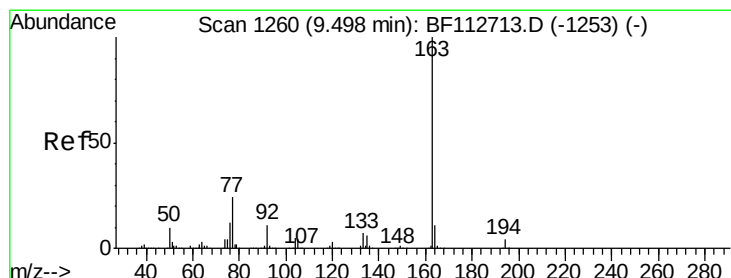
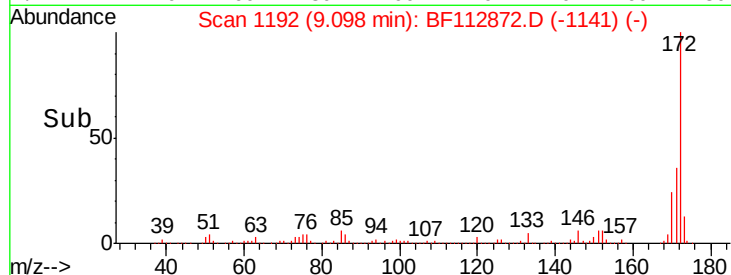
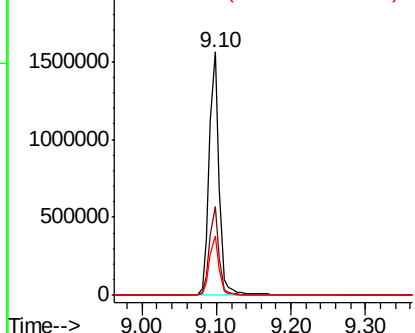
#45
2-Fluorobiphenyl
Concen: 97.037 ng
RT: 9.10 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF112872.D
Acq: 6 Mar 2019 00:35

Instrument :
BNA_F
ClientSampleId :
SB-C-5-8

Tot Ion:172 Resp: 1449229
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.4
170 24.4 20.0 30.0

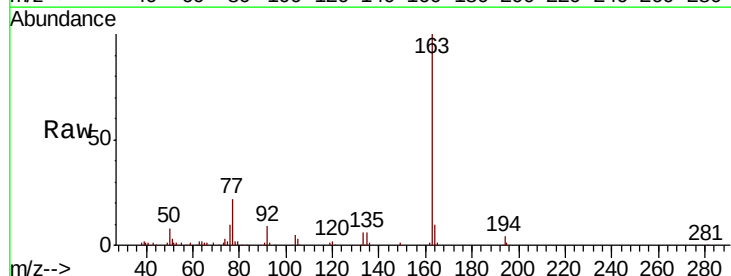


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

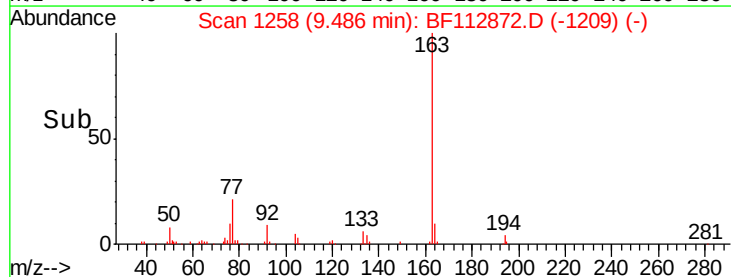
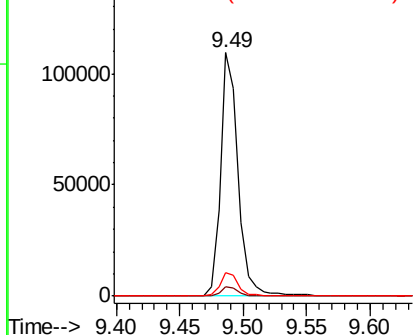


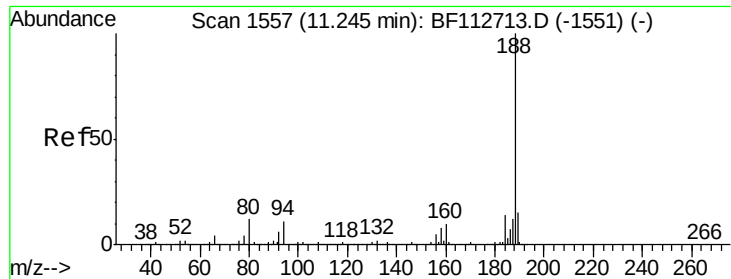
#50
Dimethylphthalate
Concen: 5.584 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF112872.D
Acq: 6 Mar 2019 00:35

Tgt Ion:163 Resp: 105821
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 9.6 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: 11.25 min Scan# 1558

Delta R.T. 0.01 min

Lab File: BF112872.D

Acq: 6 Mar 2019 00:35

Instrument :

BNA_F

ClientSampled :

SB-C-5-8

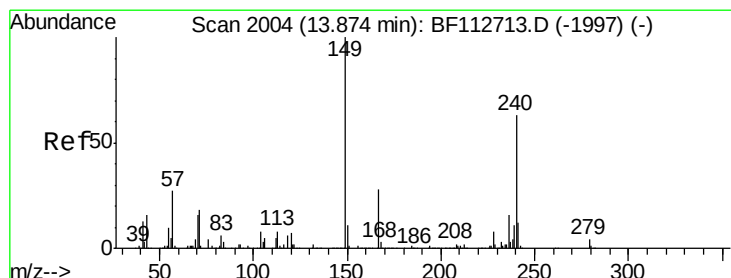
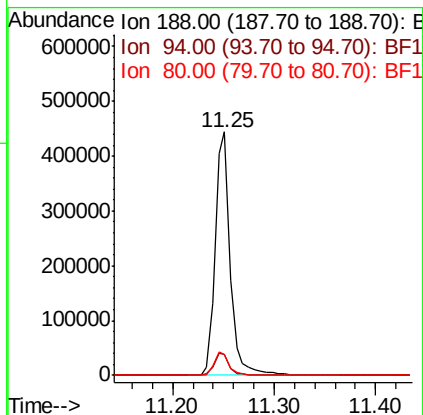
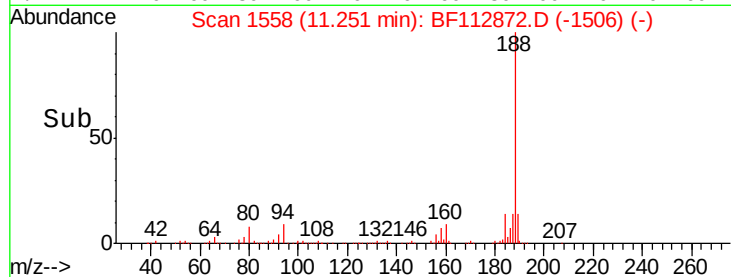
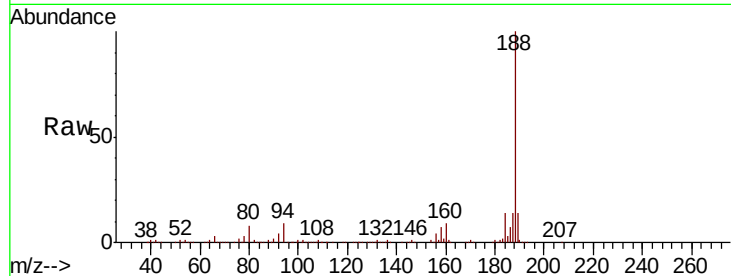
Tot Ion:188 Resp: 458504

Ion Ratio Lower Upper

188 100

94 8.7 9.0 13.4#

80 8.4 9.2 13.8#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BF112872.D

Acq: 6 Mar 2019 00:35

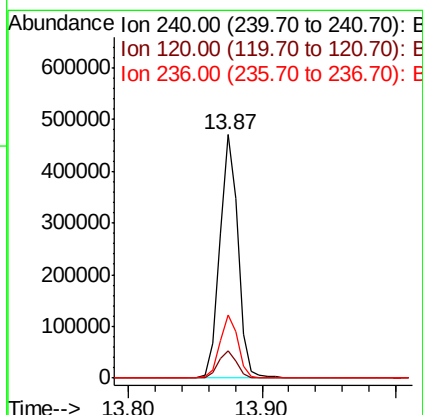
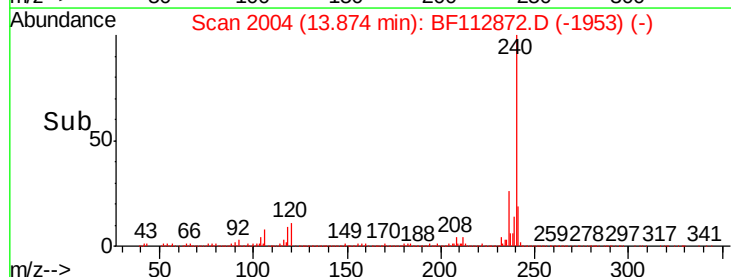
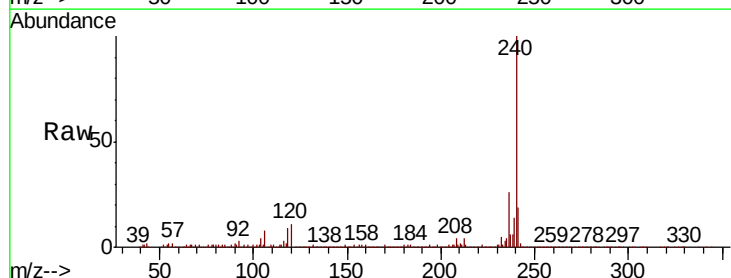
Tgt Ion:240 Resp: 451867

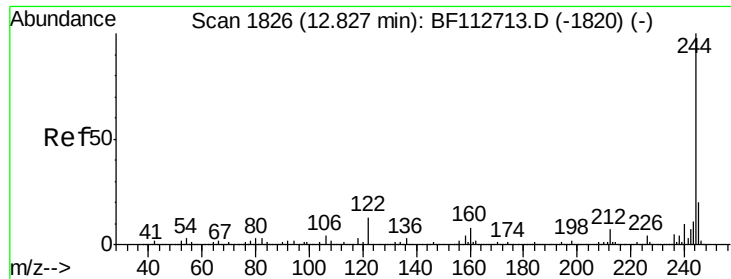
Ion Ratio Lower Upper

240 100

120 11.2 8.9 13.3

236 26.1 20.7 31.1

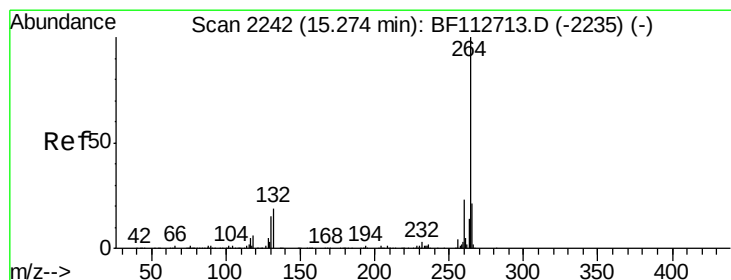
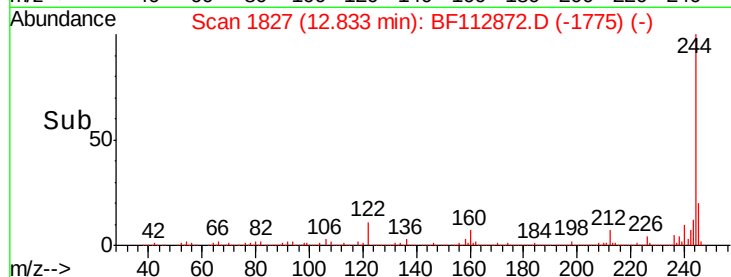
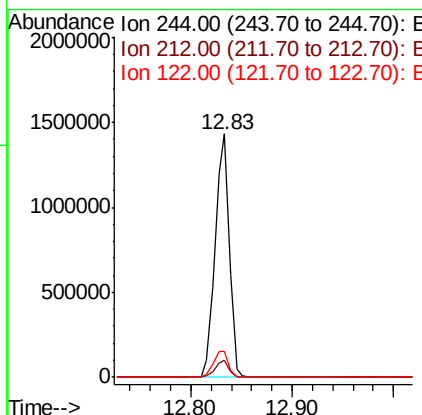
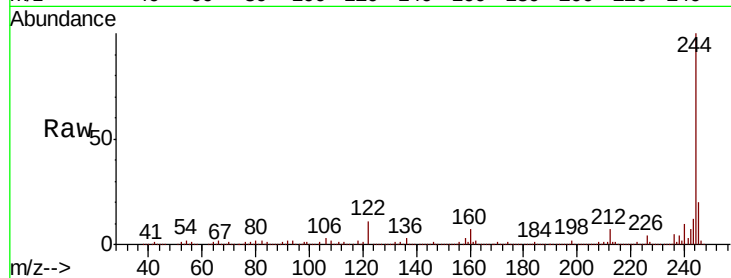




#79
 Terphenyl-d14
 Concen: 59.778 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. 0.01 min
 Lab File: BF112872.D
 Acq: 6 Mar 2019 00:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-C-5-8

Tot Ion:244 Resp: 1393431
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 10.8 10.5 15.7



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2244
 Delta R.T. 0.01 min
 Lab File: BF112872.D
 Acq: 6 Mar 2019 00:35

Tgt Ion:264 Resp: 321813
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.7 28.1
 265 22.0 17.2 25.8

