

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
 Data File : BF112002.D
 Acq On : 10 Jan 2019 21:59
 Operator : JU/SJ
 Sample : K1005-03 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 11 00:55:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

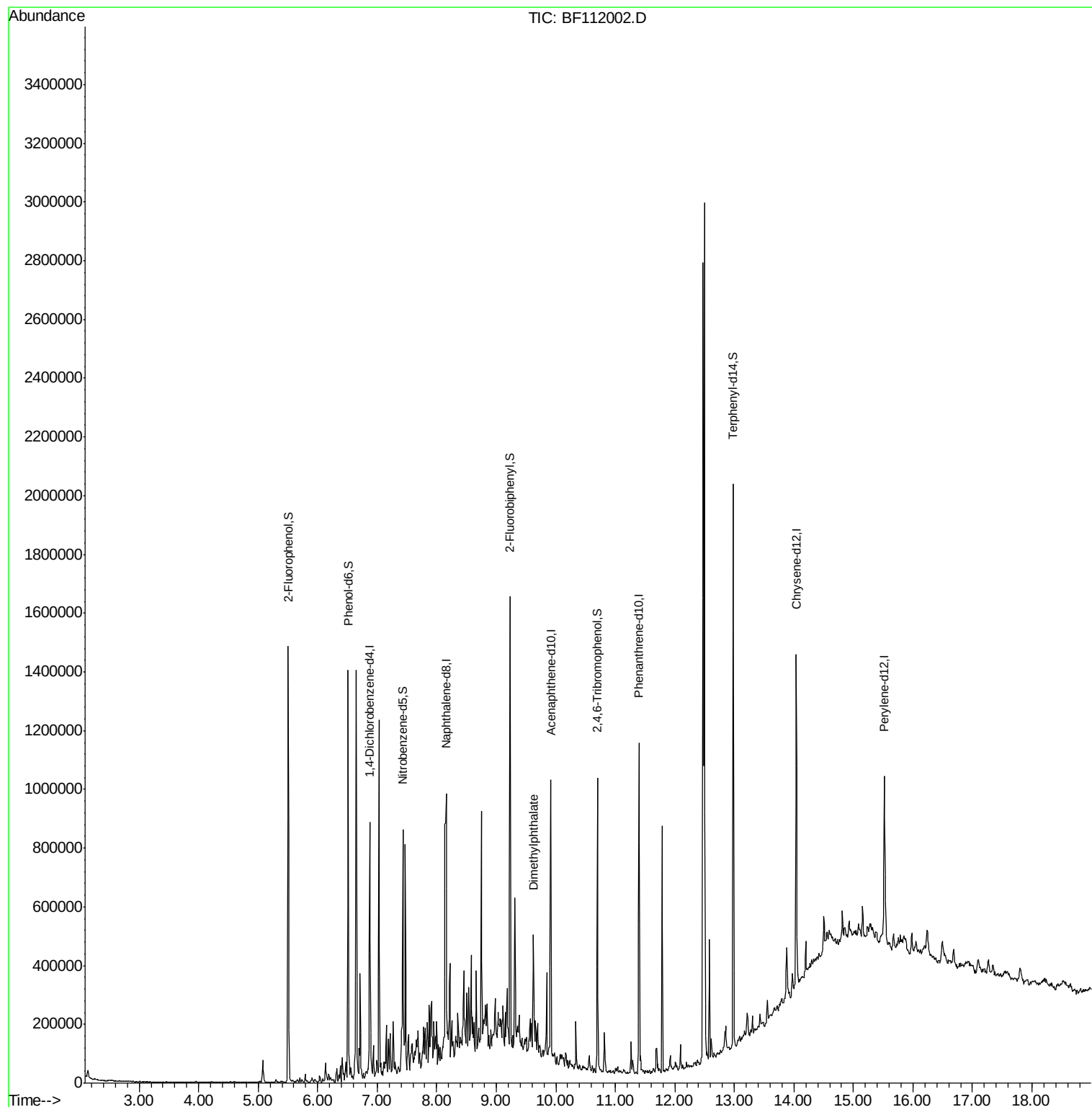
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	111497	20.00	ng	-0.02
21) Naphthalene-d8	8.16	136	368225	20.00	ng	-0.02
39) Acenaphthene-d10	9.91	164	189915	20.00	ng	-0.02
64) Phenanthrene-d10	11.40	188	388832	20.00	ng	-0.02
76) Chrysene-d12	14.04	240	376692	20.00	ng	-0.02
87) Perylene-d12	15.52	264	265254	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	369999	56.77	ng	-0.02
7) Phenol-d6	6.51	99	438728	52.23	ng	-0.02
23) Nitrobenzene-d5	7.43	82	252501	36.65	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	128770	52.13	ng	-0.02
45) 2-Fluorobiphenyl	9.23	172	478024	36.70	ng	-0.02
79) Terphenyl-d14	12.98	244	635860	32.04	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.43	77	469	Below Cal	Qvalue #	1
50) Dimethylphthalate	9.62	163	111526	7.817 ng		99

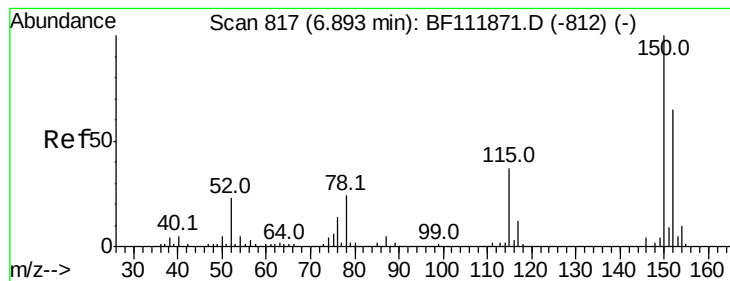
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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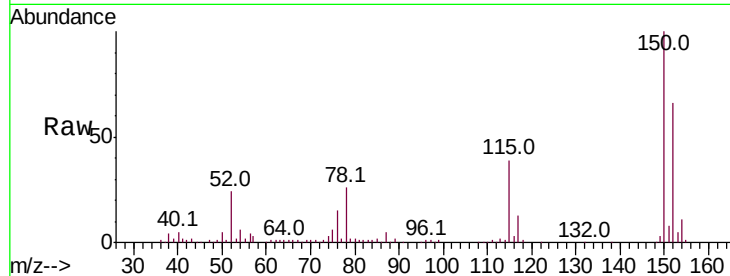


#1

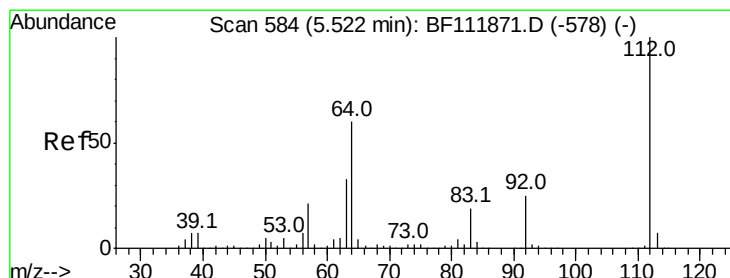
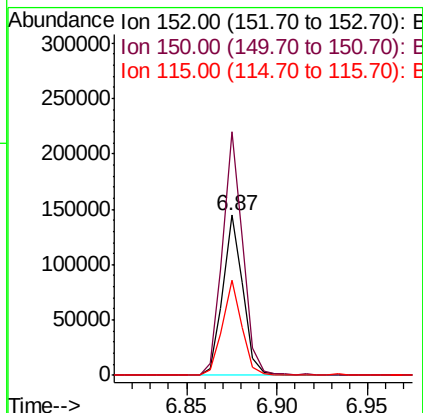
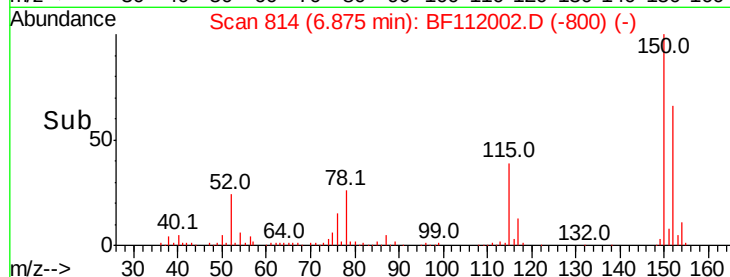
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.02 min
Lab File: BF112002.D
Acq: 10 Jan 2019 21:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 111497
Ion Ratio Lower Upper
152 100
150 152.0 122.7 184.1
115 59.1 45.2 67.8



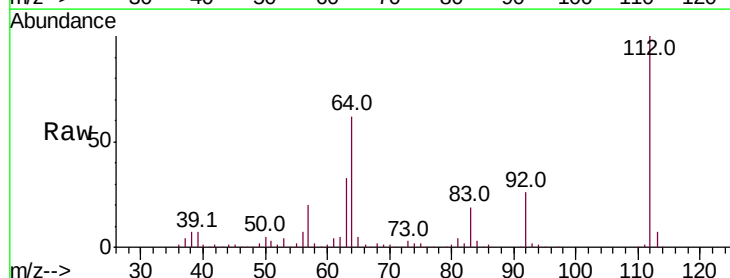
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



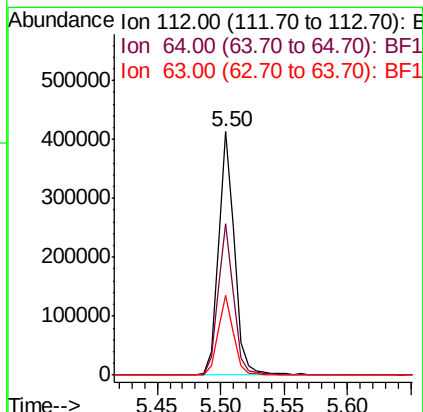
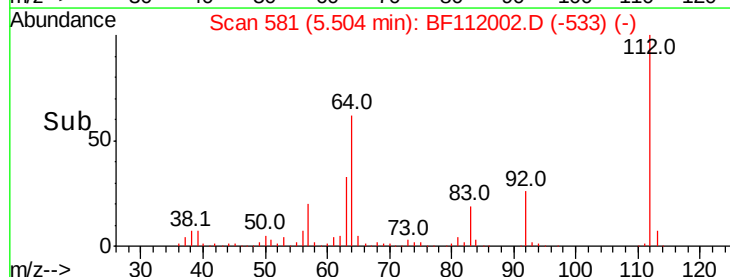
#5

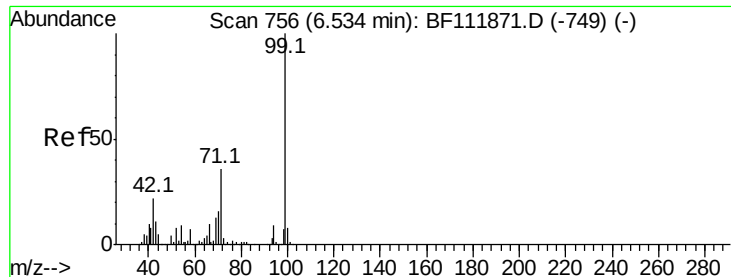
2-Fluorophenol
Concen: 56.773 ng
RT: 5.50 min Scan# 581
Delta R.T. -0.02 min
Lab File: BF112002.D
Acq: 10 Jan 2019 21:59

Tgt Ion:112 Resp: 369999
Ion Ratio Lower Upper
112 100
64 62.3 48.3 72.5
63 33.0 26.1 39.1



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: 52.230 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.02 min

Lab File: BF112002.D

Acq: 10 Jan 2019 21:59

Instrument :

BNA_F

ClientSampleId :

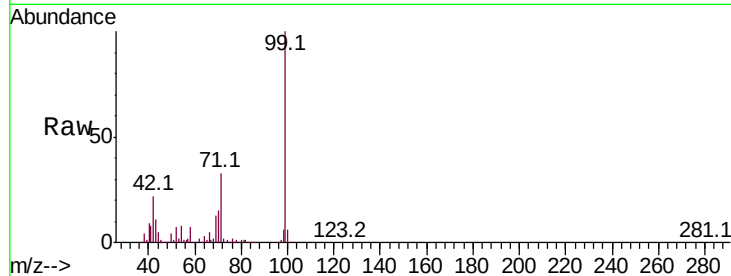
Tot Ion: 99 Resp: 438728

Ion Ratio Lower Upper

99 100

42 21.5 17.9 26.9

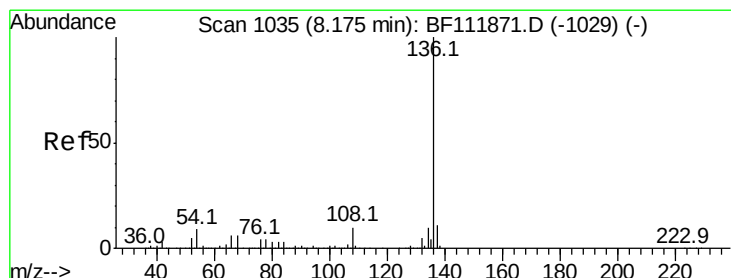
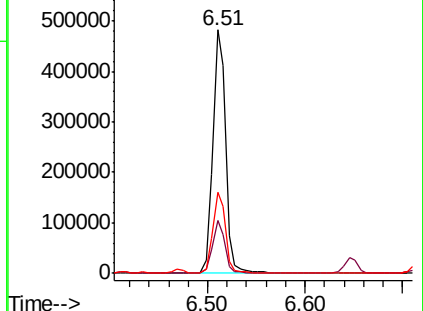
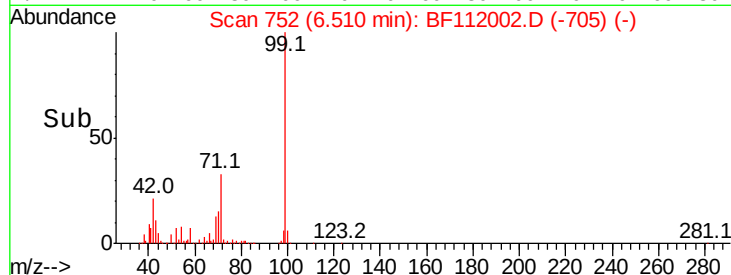
71 33.4 28.7 43.1



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: 8.16 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF112002.D

Acq: 10 Jan 2019 21:59

Tgt Ion: 136 Resp: 368225

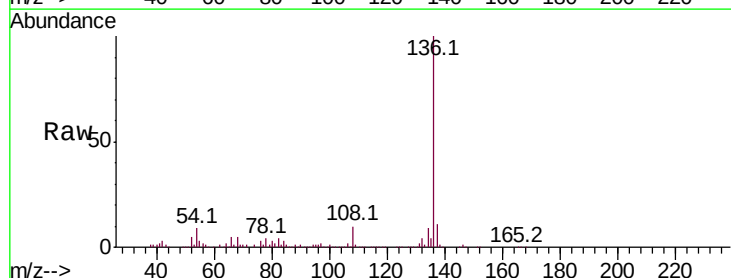
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 8.9 7.2 10.8

68 5.4 4.4 6.6

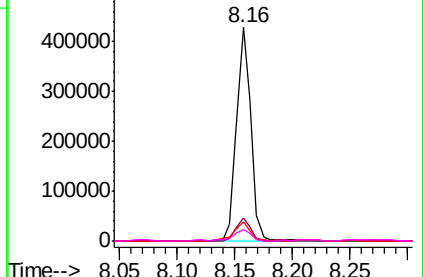
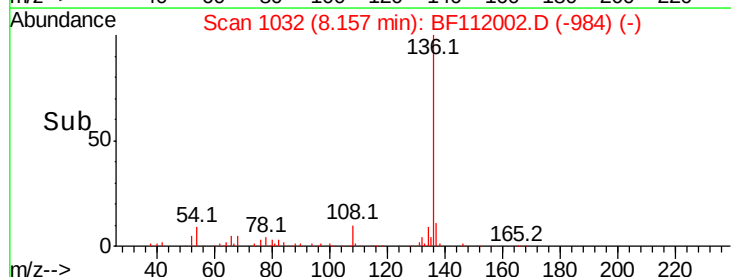


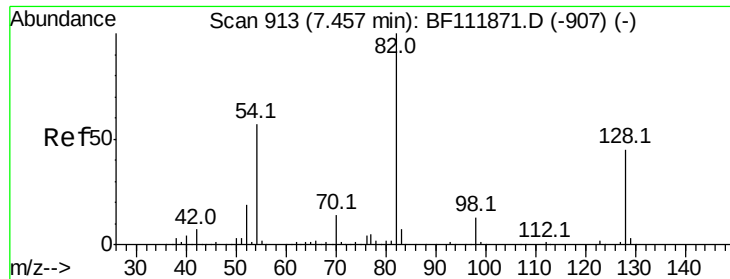
Abundance Ion 136.00 (135.70 to 136.70): E

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

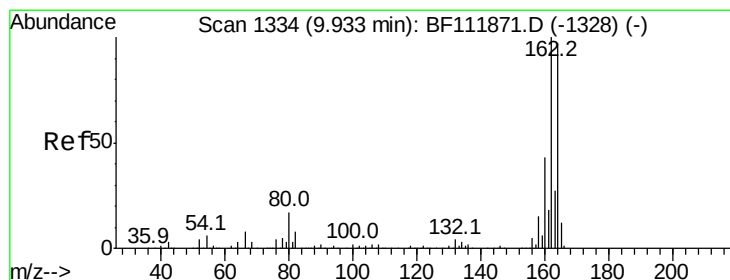
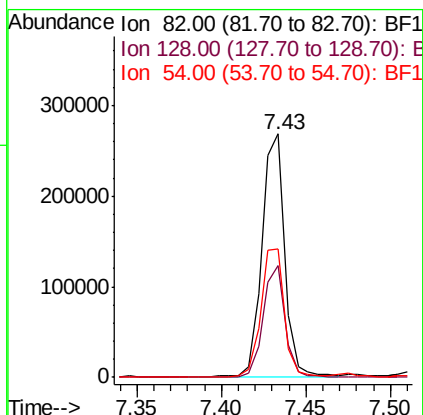
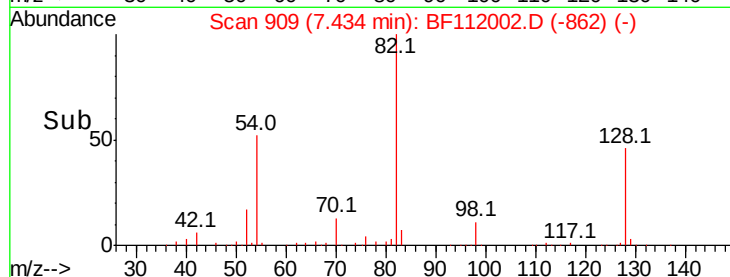
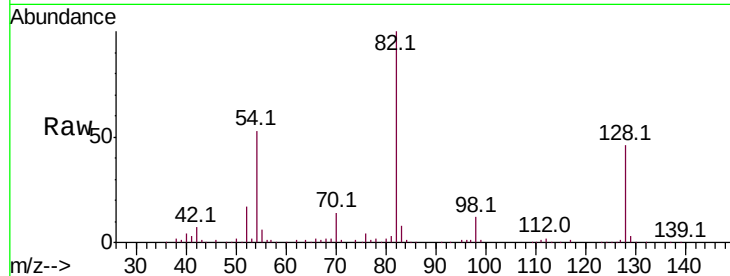




#23
Nitrobenzene-d5
Concen: 36.649 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF112002.D
Acq: 10 Jan 2019 21:59

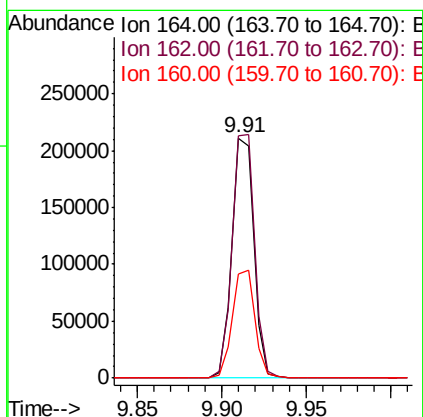
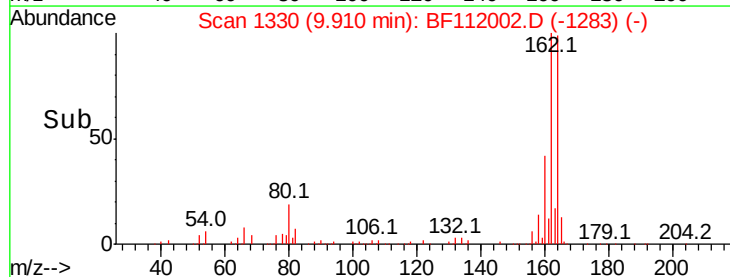
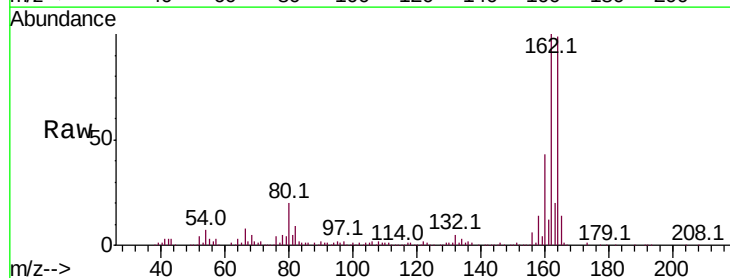
Instrument :
BNA_F
ClientSampled :

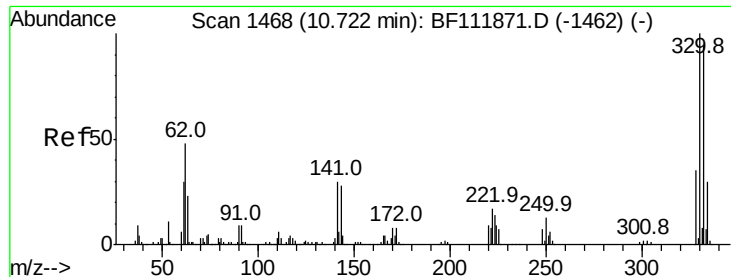
Tot Ion: 82 Resp: 252501
Ion Ratio Lower Upper
82 100
128 46.0 35.7 53.5
54 52.5 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BF112002.D
Acq: 10 Jan 2019 21:59

Tgt Ion:164 Resp: 189915
Ion Ratio Lower Upper
164 100
162 101.2 82.2 123.2
160 43.2 35.5 53.3

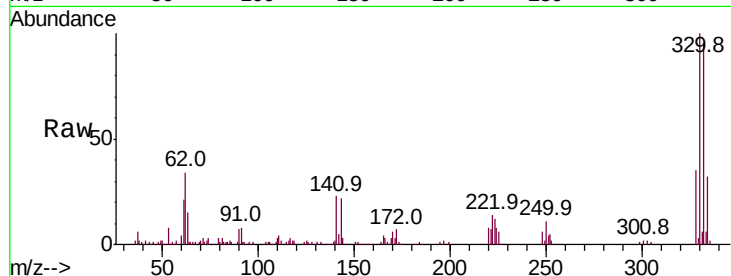




#42
 2,4,6-Tribromophenol
 Concen: 52.129 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.02 min
 Lab File: BF112002.D
 Acq: 10 Jan 2019 21:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.9	115.3
141	30.1	23.7	35.5

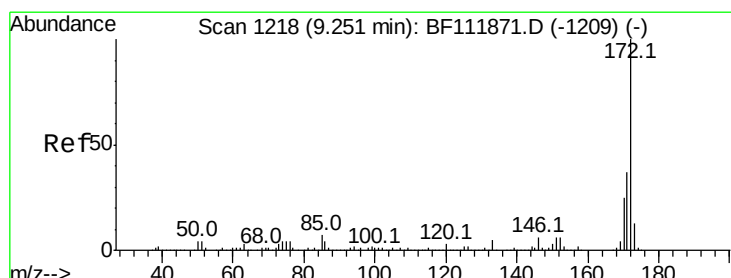
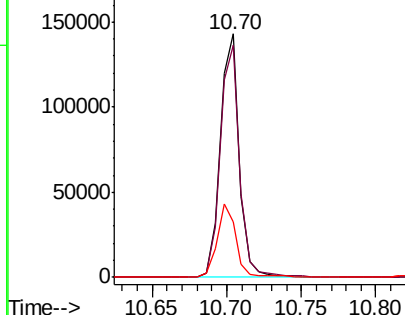
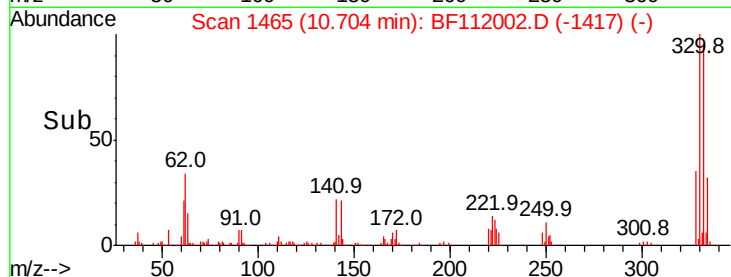


Abundance

Ion 329.80 (329.50 to 330.50): E

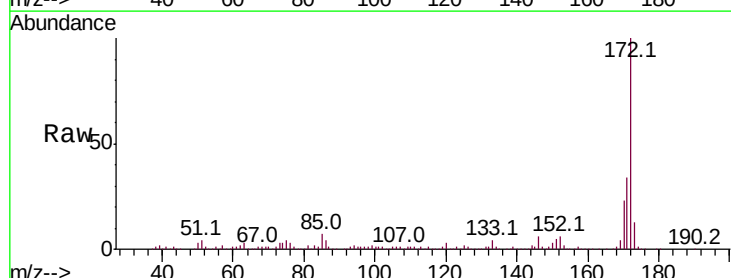
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 36.704 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.02 min
 Lab File: BF112002.D
 Acq: 10 Jan 2019 21:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.9	29.6	44.4
170	23.5	19.8	29.8

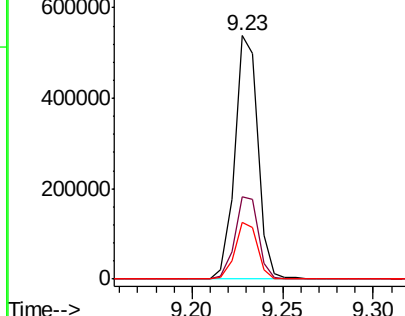
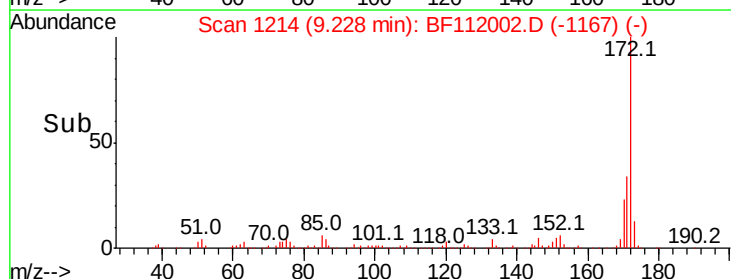


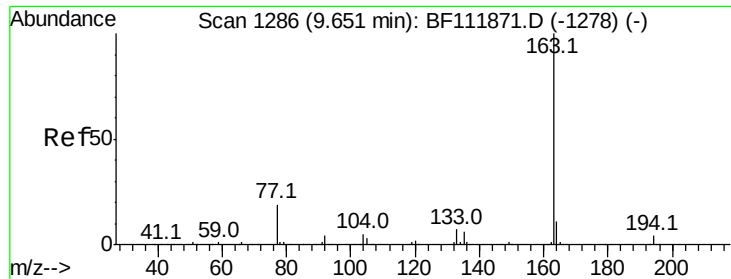
Abundance

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: 7.817 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.03 min

Lab File: BF112002.D

Acq: 10 Jan 2019 21:59

Instrument :

BNA_F

ClientSampleId :

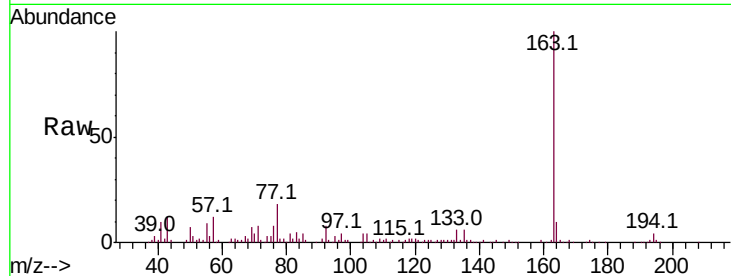
Tot Ion:163 Resp: 111526

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

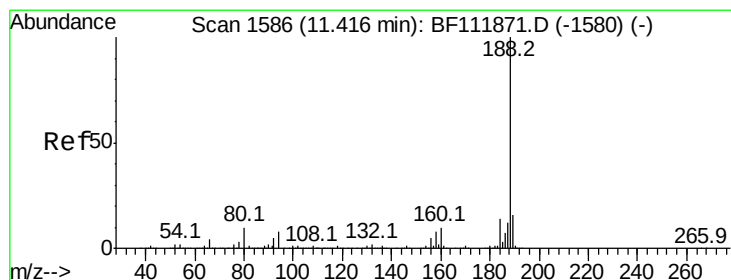
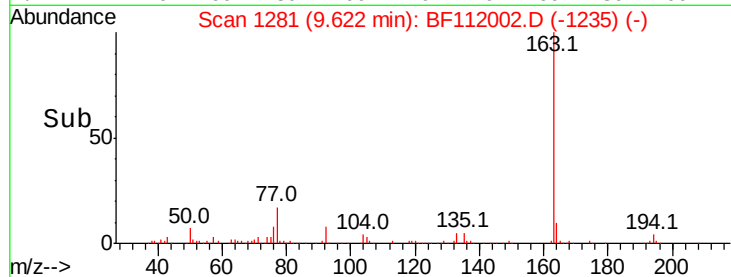
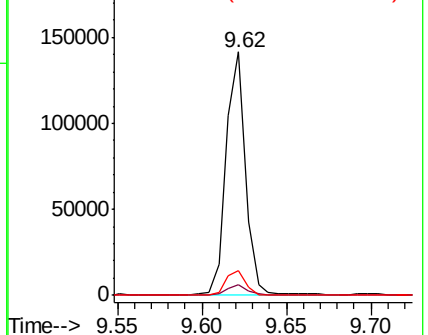
164 10.1 8.5 12.7



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: 11.40 min Scan# 1583

Delta R.T. -0.02 min

Lab File: BF112002.D

Acq: 10 Jan 2019 21:59

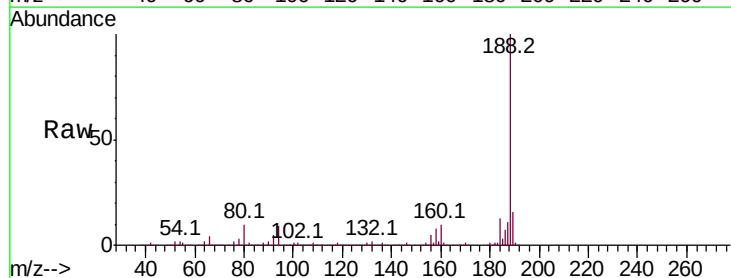
Tgt Ion:188 Resp: 388832

Ion Ratio Lower Upper

188 100

94 8.7 6.6 10.0

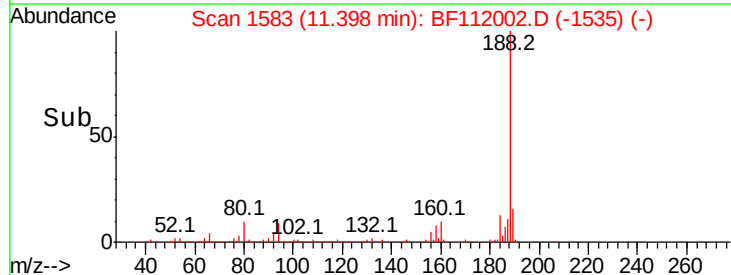
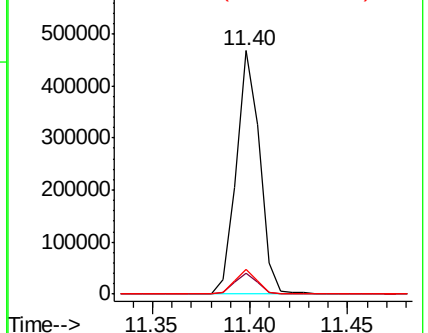
80 10.0 7.7 11.5

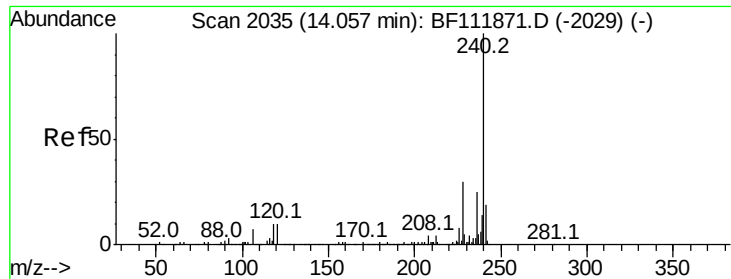


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

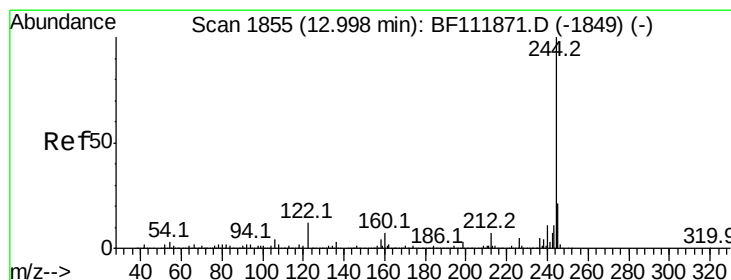
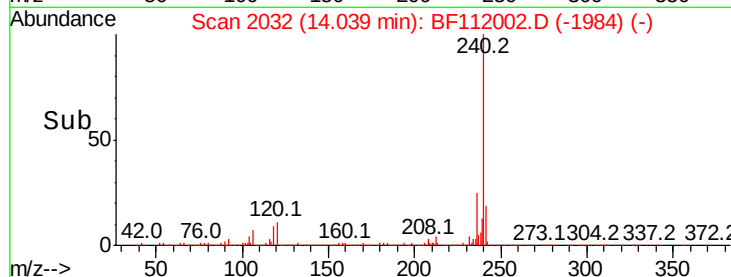
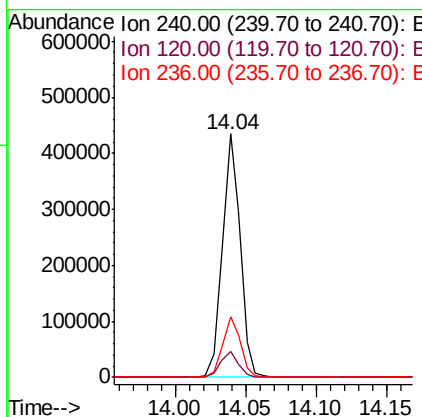
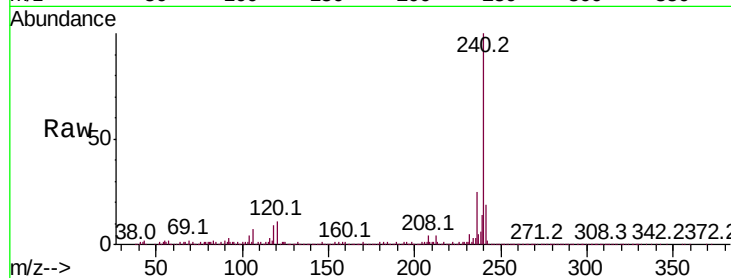




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.02 min
 Lab File: BF112002.D
 Acq: 10 Jan 2019 21:59

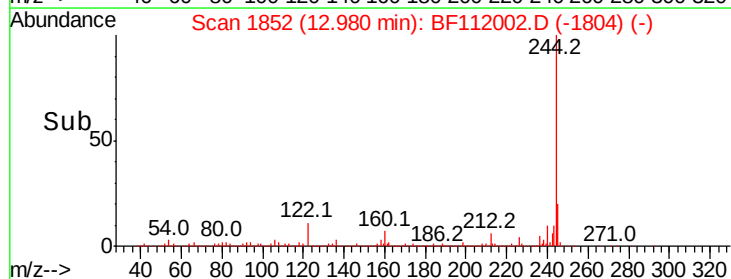
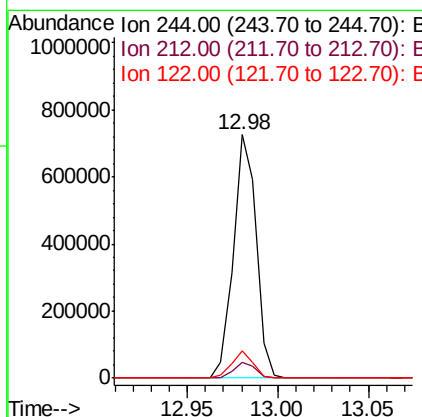
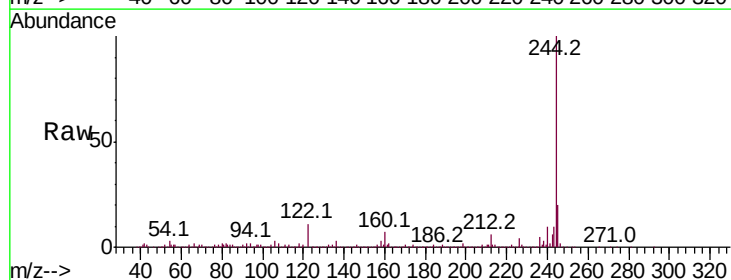
Instrument :
 BNA_F
 ClientSampleID :

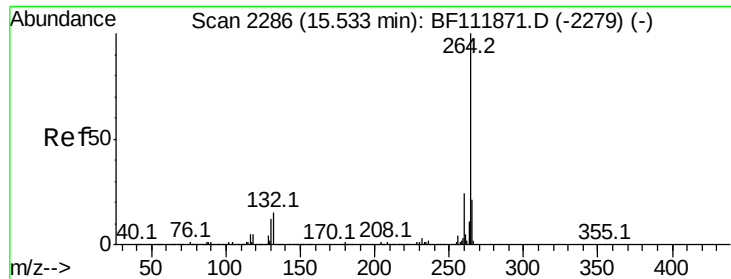
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.2	12.2
236	24.8	20.2	30.4



#79
 Terphenyl-d14
 Concen: 32.042 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.02 min
 Lab File: BF112002.D
 Acq: 10 Jan 2019 21:59

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.8	8.8
122	11.0	9.5	14.3





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2284
 Delta R.T. -0.01 min
 Lab File: BF112002.D
 Acq: 10 Jan 2019 21:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.0	17.1	25.7

