

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
 Data File : BF113002.D
 Acq On : 12 Mar 2019 14:55
 Operator : JU/SJ
 Sample : K1817-15
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PST-027-B111-030619

Quant Time: Mar 13 04:11:12 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

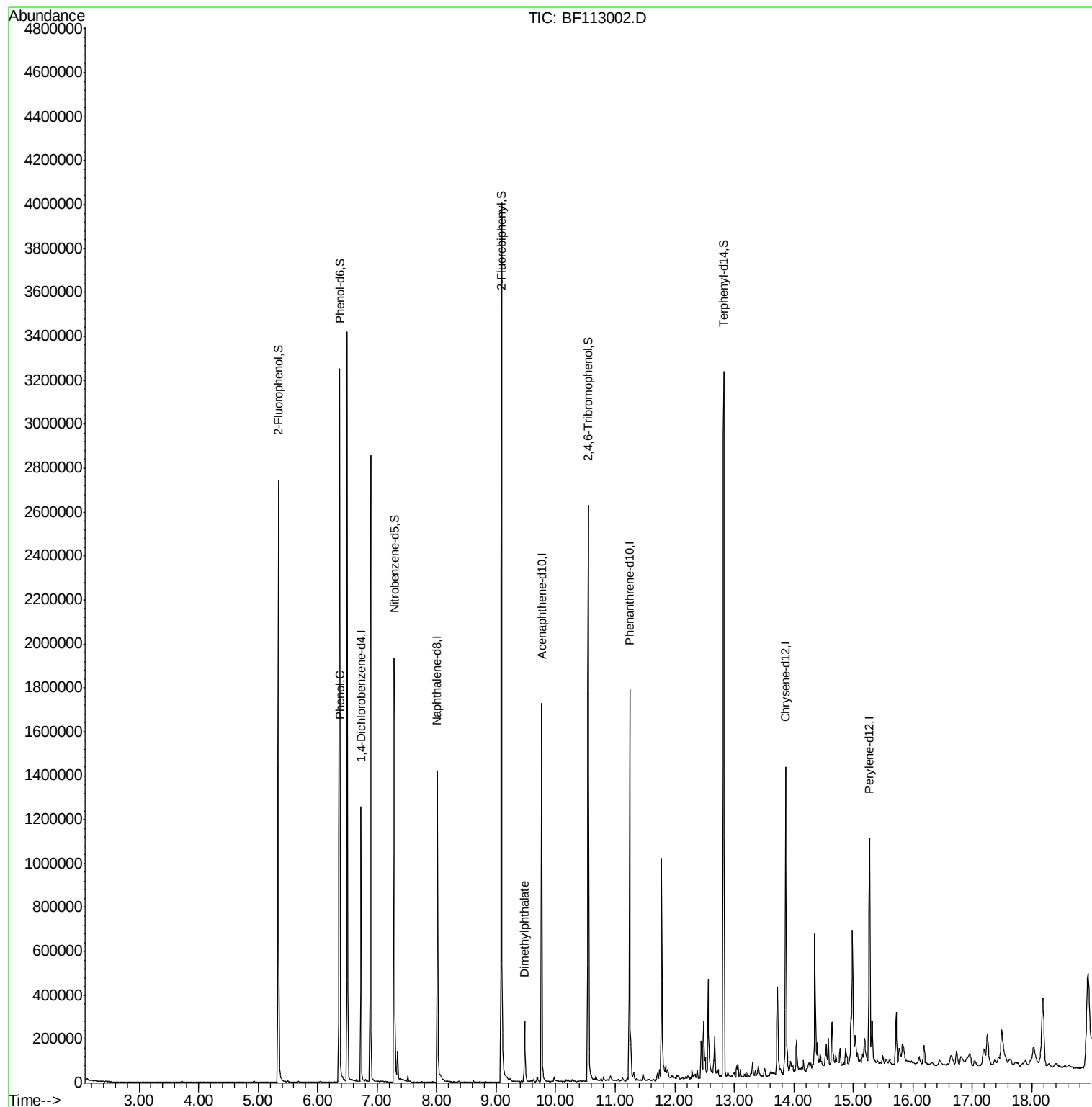
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	190602	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	741877	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	361826	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	716867	20.00	ng	0.00
76) Chrysene-d12	13.86	240	488514	20.00	ng	0.00
87) Perylene-d12	15.27	264	514920	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	865450	70.63	ng	0.00
7) Phenol-d6	6.37	99	1129762	73.40	ng	0.00
23) Nitrobenzene-d5	7.29	82	687057	55.42	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	362412	94.35	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1353282	56.76	ng	0.00
79) Terphenyl-d14	12.82	244	1242325	49.30	ng	0.00
Target Compounds						
10) Phenol	6.38	94	39980	2.226	ng	89
50) Dimethylphthalate	9.48	163	128607	4.820	ng	98

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

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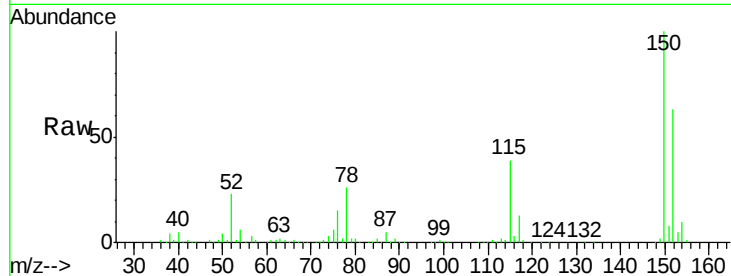


#1

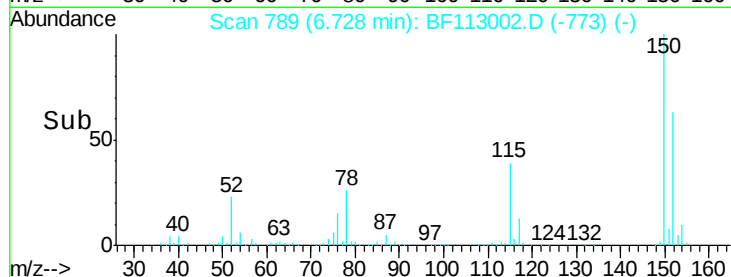
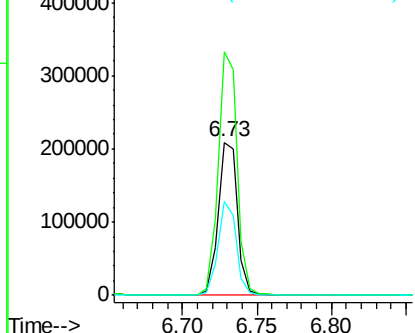
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF113002.D
Acq: 12 Mar 2019 14:55

Instrument :
BNA_F
ClientSampleId :
PST-027-B111-030619

Tot Ion:152 Resp: 190602
Ion Ratio Lower Upper
152 100
150 159.0 124.2 186.2
115 61.5 48.2 72.4



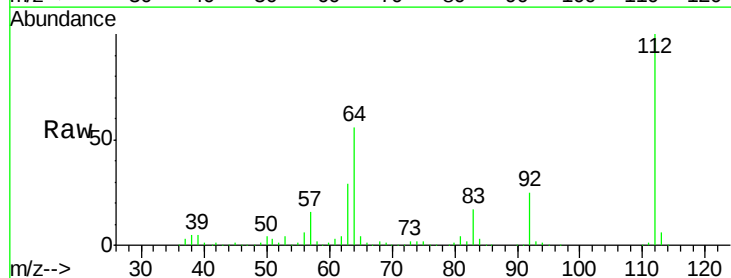
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



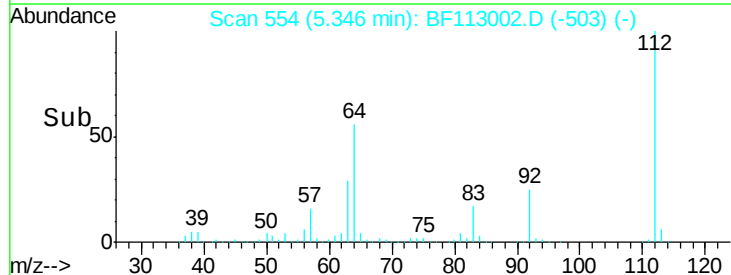
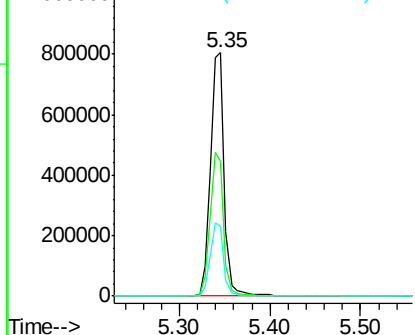
#5

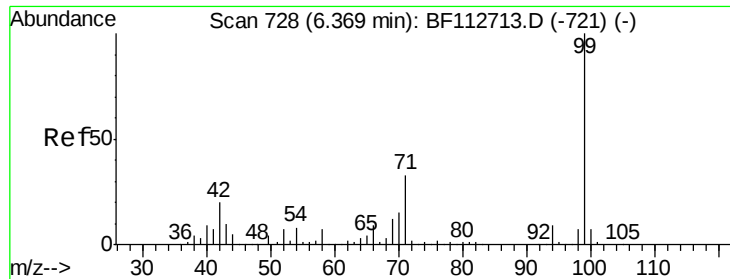
2-Fluorophenol
Concen: 70.631 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF113002.D
Acq: 12 Mar 2019 14:55

Tgt Ion:112 Resp: 865450
Ion Ratio Lower Upper
112 100
64 55.6 47.6 71.4
63 28.6 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: 73.400 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF113002.D

Acq: 12 Mar 2019 14:55

Instrument :

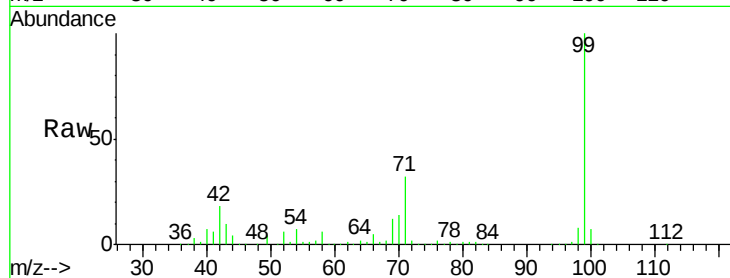
BNA_F

ClientSampleId :

PST-027-B111-030619

Tot Ion: 99 Resp: 1129762

Ion	Ratio	Lower	Upper
99	100		
42	18.4	16.3	24.5
71	32.0	26.2	39.4

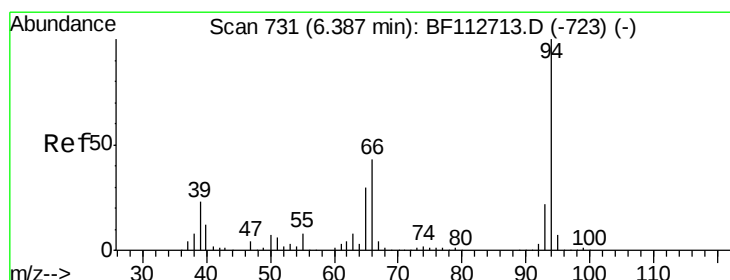
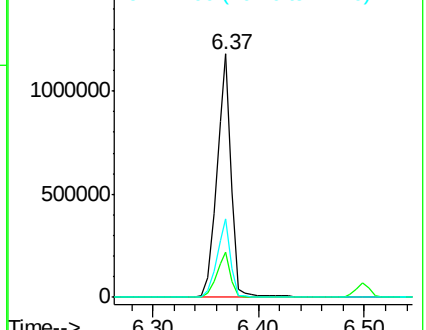
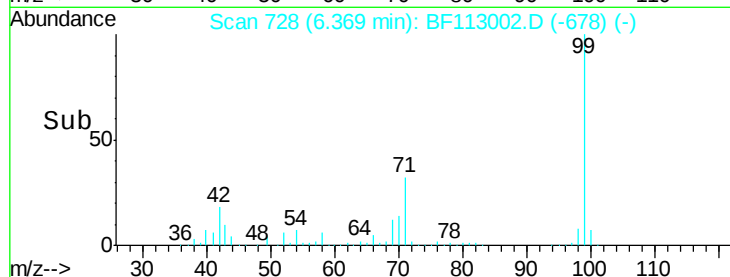


Abundance

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: 2.226 ng

RT: 6.38 min Scan# 730

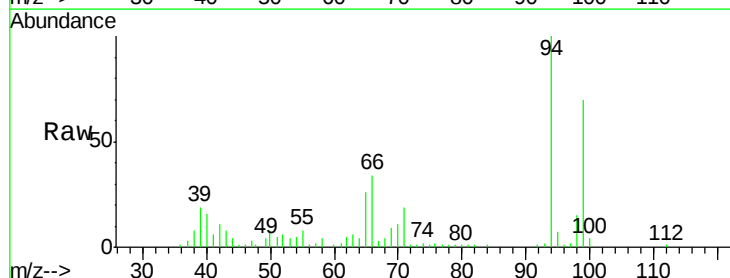
Delta R.T. -0.01 min

Lab File: BF113002.D

Acq: 12 Mar 2019 14:55

Tgt Ion: 94 Resp: 39980

Ion	Ratio	Lower	Upper
94	100		
65	26.1	10.5	50.5
66	33.9	22.6	62.6

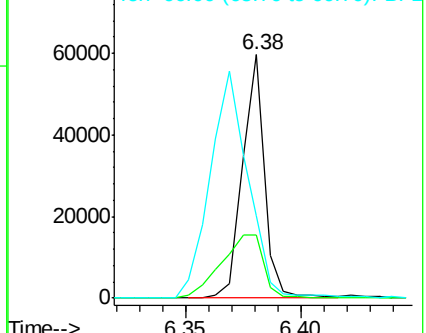
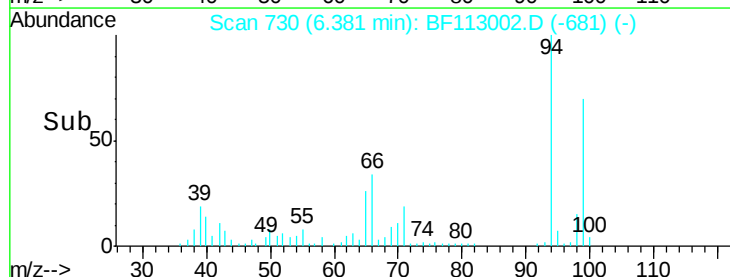


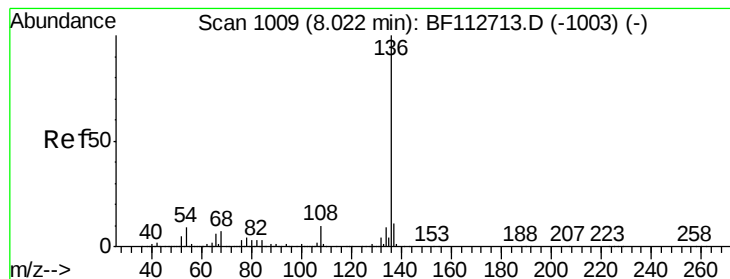
Abundance

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: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF113002.D

Acq: 12 Mar 2019 14:55

Instrument :

BNA_F

ClientSampleId :

PST-027-B111-030619

Tot Ion:136 Resp: 741877

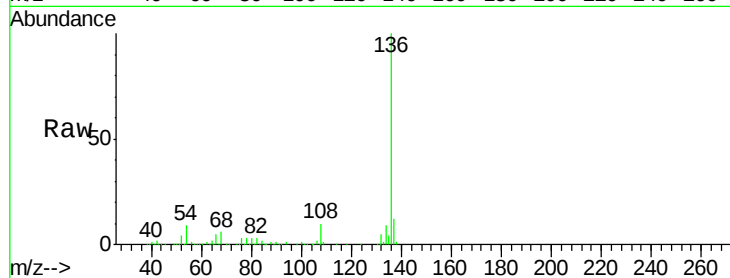
Ion Ratio Lower Upper

136 100

137 11.6 8.9 13.3

54 8.7 7.3 10.9

68 6.3 5.4 8.2

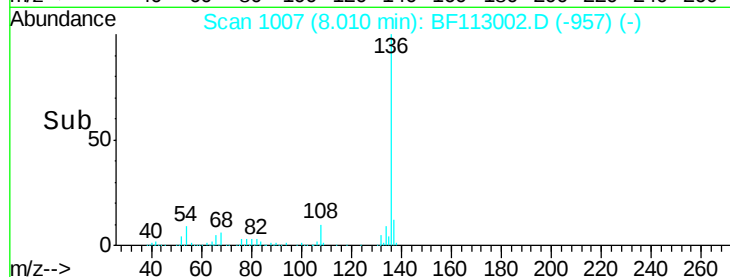


Abundance Ion 136.00 (135.70 to 136.70): E

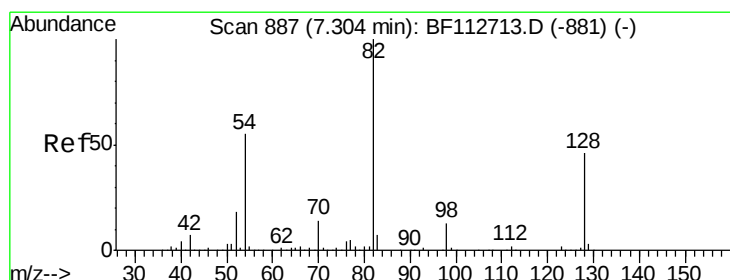
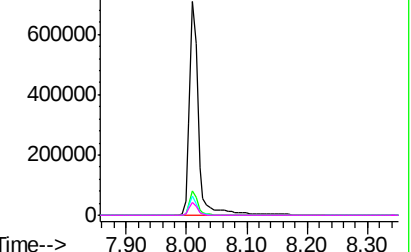
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#23

Nitrobenzene-d5

Concen: 55.416 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF113002.D

Acq: 12 Mar 2019 14:55

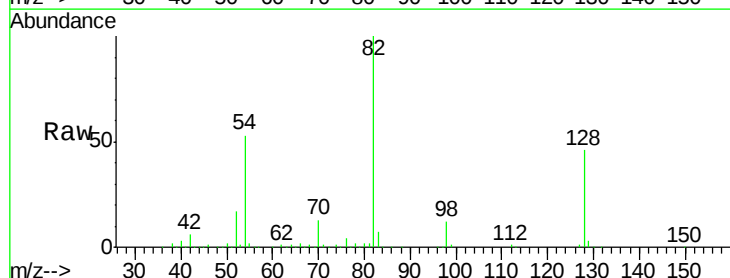
Tgt Ion: 82 Resp: 687057

Ion Ratio Lower Upper

82 100

128 45.8 36.3 54.5

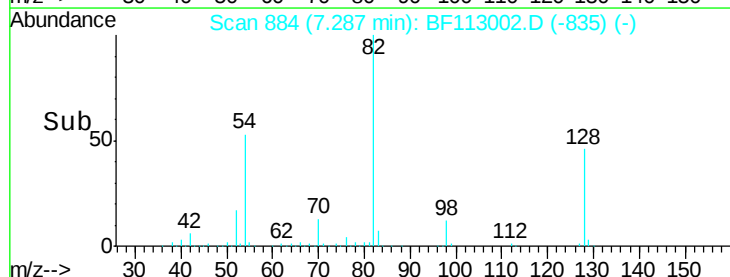
54 52.9 43.7 65.5



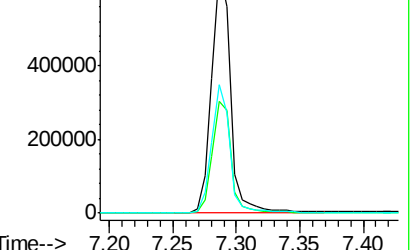
Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



Time-->





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF113002.D

Acq: 12 Mar 2019 14:55

Instrument :

BNA_F

ClientSampleId :

PST-027-B111-030619

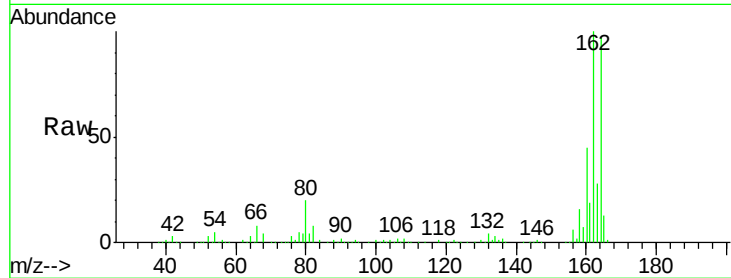
Tot Ion:164 Resp: 361826

Ion Ratio Lower Upper

164 100

162 102.6 80.6 120.8

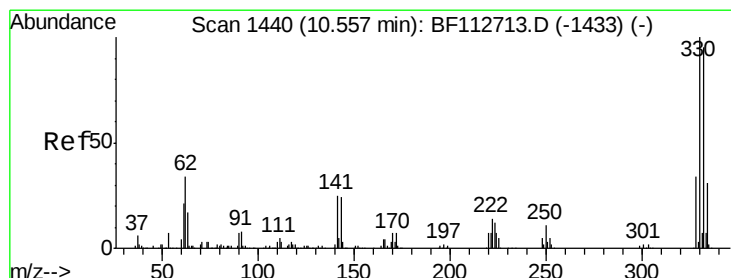
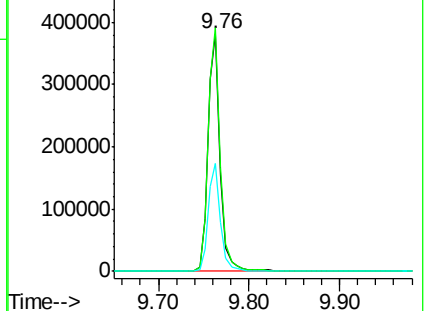
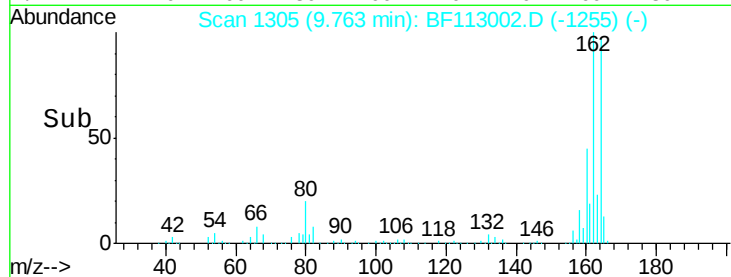
160 45.7 36.0 54.0



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: 94.348 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF113002.D

Acq: 12 Mar 2019 14:55

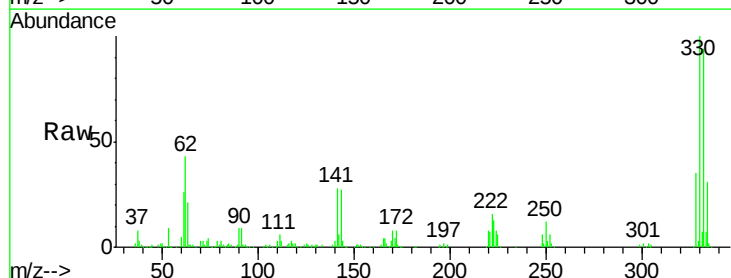
Tgt Ion:330 Resp: 362412

Ion Ratio Lower Upper

330 100

332 95.7 76.2 114.4

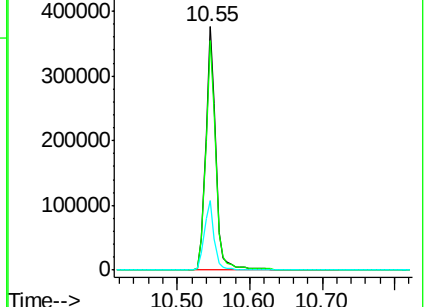
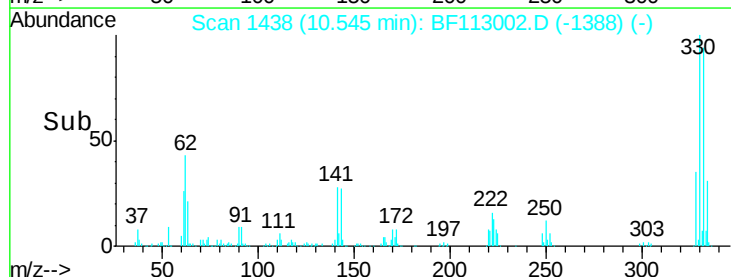
141 28.7 27.0 40.6



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

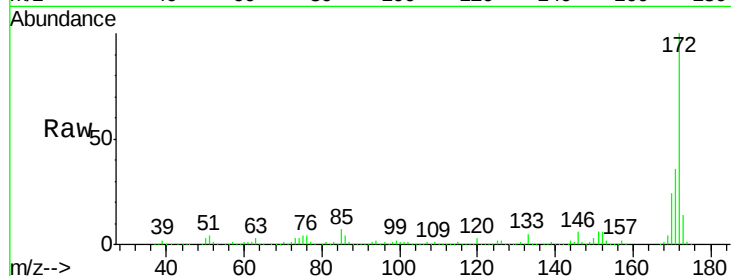




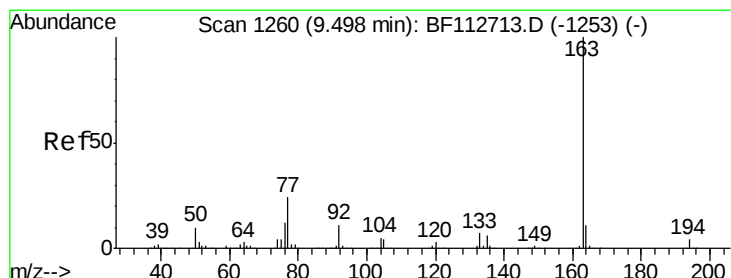
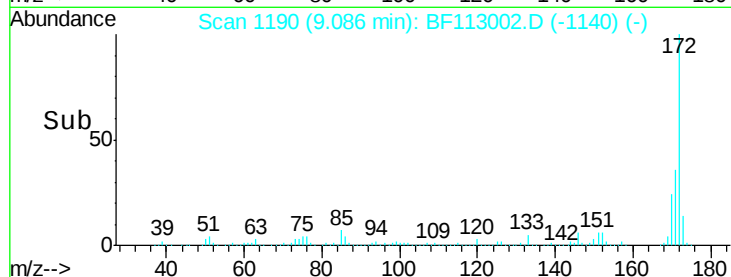
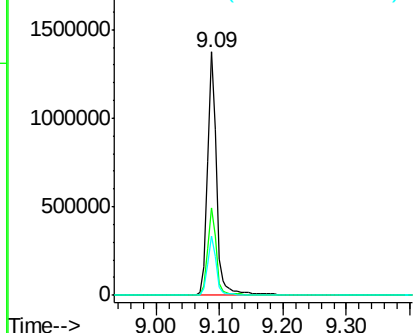
#45
2-Fluorobiphenyl
Concen: 56.760 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF113002.D
Acq: 12 Mar 2019 14:55

Instrument :
BNA_F
ClientSampleId :
PST-027-B111-030619

Tot Ion:172 Resp: 1353282
Ion Ratio Lower Upper
172 100
171 36.1 29.0 43.4
170 24.4 20.0 30.0

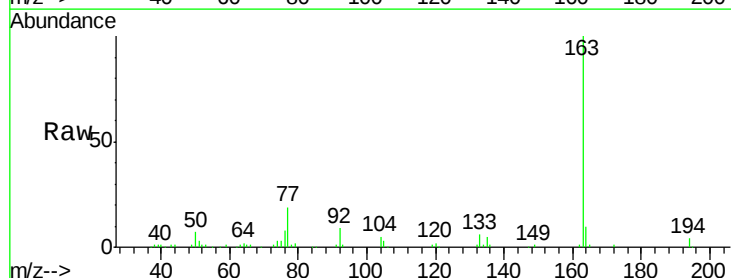


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

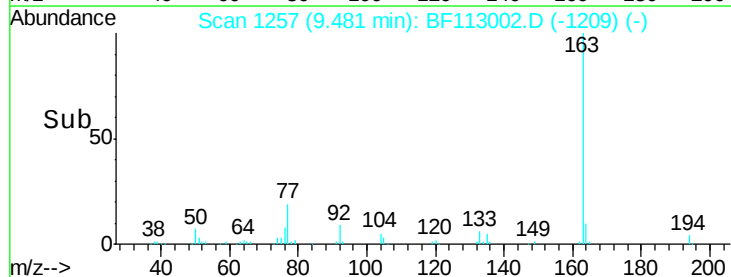
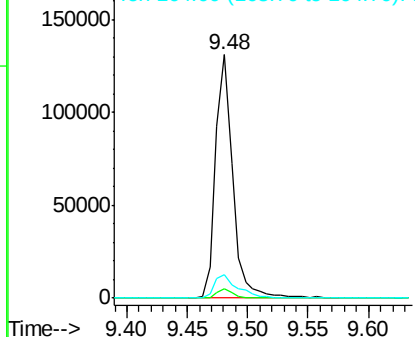


#50
Dimethylphthalate
Concen: 4.820 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF113002.D
Acq: 12 Mar 2019 14:55

Tgt Ion:163 Resp: 128607
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 9.7 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

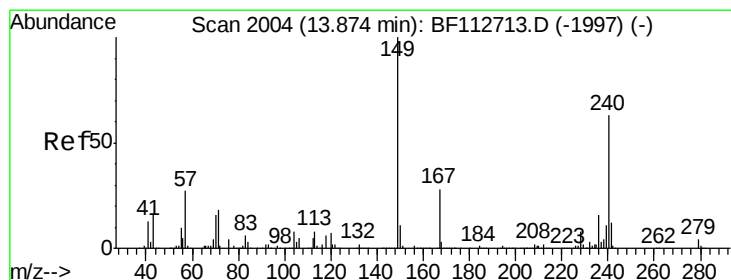
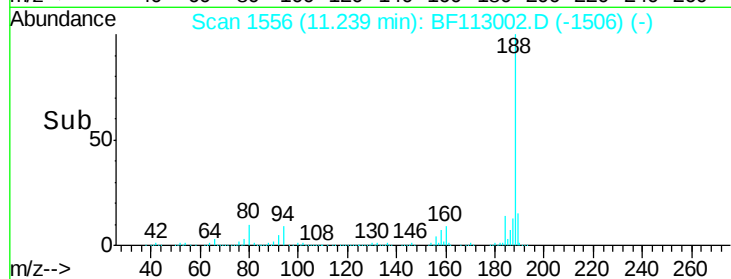
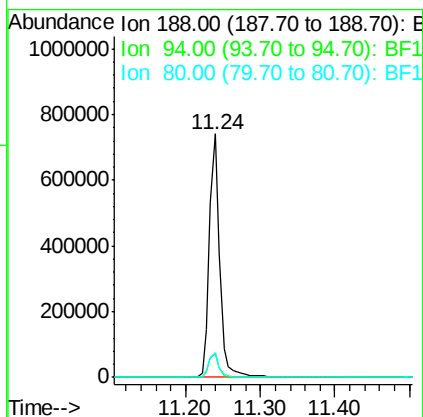
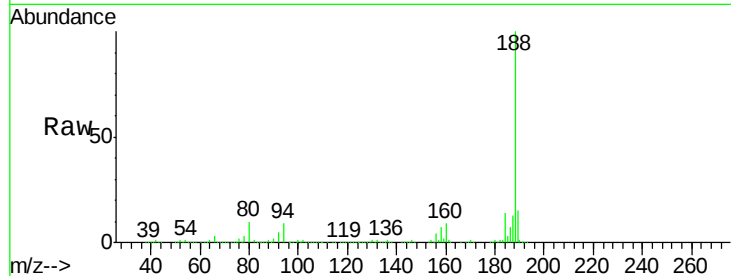




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF113002.D
Acq: 12 Mar 2019 14:55

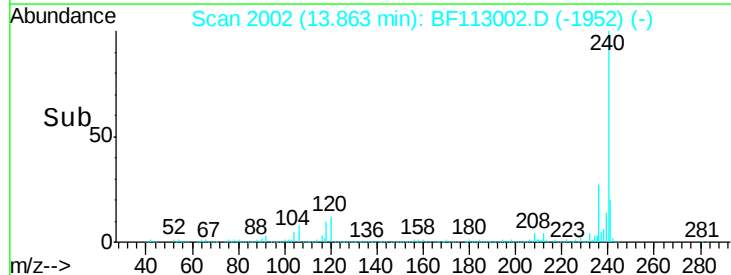
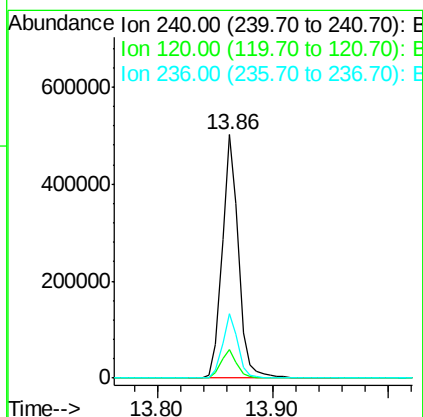
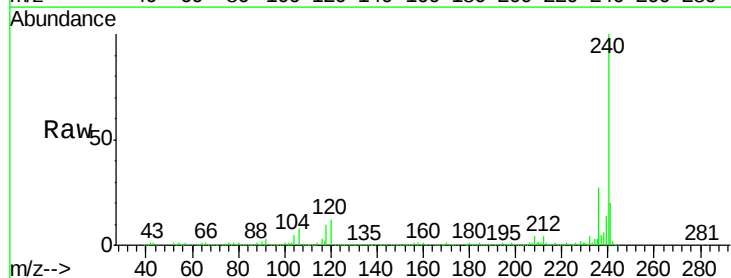
Instrument :
BNA_F
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PST-027-B111-030619

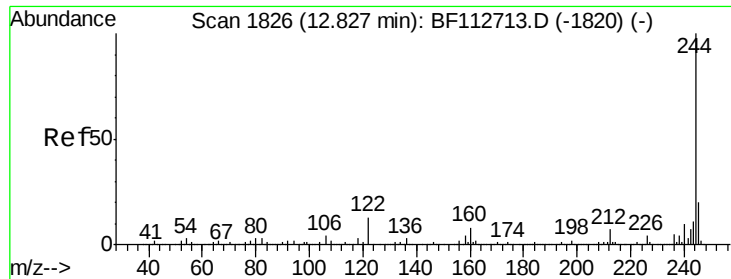
Tot Ion:188 Resp: 716867
Ion Ratio Lower Upper
188 100
94 9.4 9.0 13.4
80 10.1 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113002.D
Acq: 12 Mar 2019 14:55

Tgt Ion:240 Resp: 488514
Ion Ratio Lower Upper
240 100
120 11.6 8.9 13.3
236 26.6 20.7 31.1

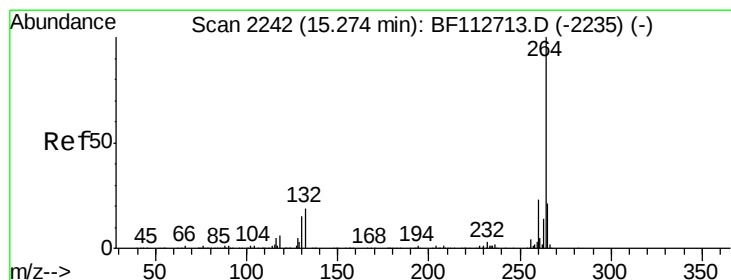
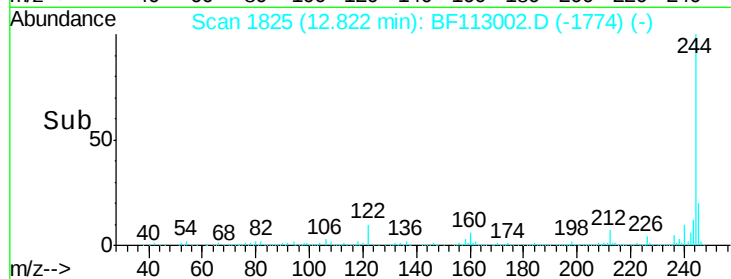
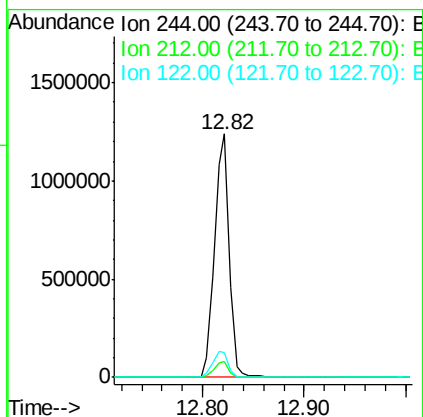
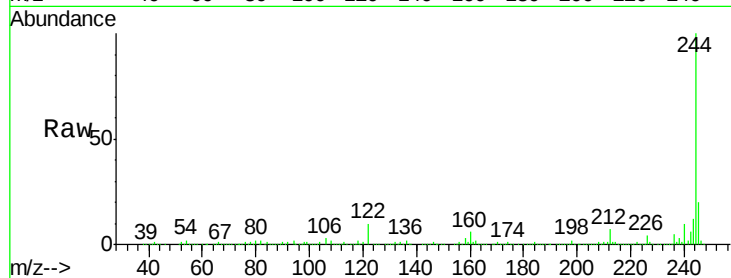




#79
 Terphenyl-d14
 Concen: 49.297 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: BF113002.D
 Acq: 12 Mar 2019 14:55

Instrument :
 BNA_F
 ClientSampleId :
 PST-027-B111-030619

Tot Ion:244 Resp: 1242325
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 10.4 10.5 15.7#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2241
 Delta R.T. -0.01 min
 Lab File: BF113002.D
 Acq: 12 Mar 2019 14:55

Tgt Ion:264 Resp: 514920
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.7 28.1
 265 21.6 17.2 25.8

