

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040919\
 Data File : BF113691.D
 Acq On : 10 Apr 2019 9:32
 Operator : JU/SJ
 Sample : K2331-03
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T1-604

Quant Time: Apr 10 11:49:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

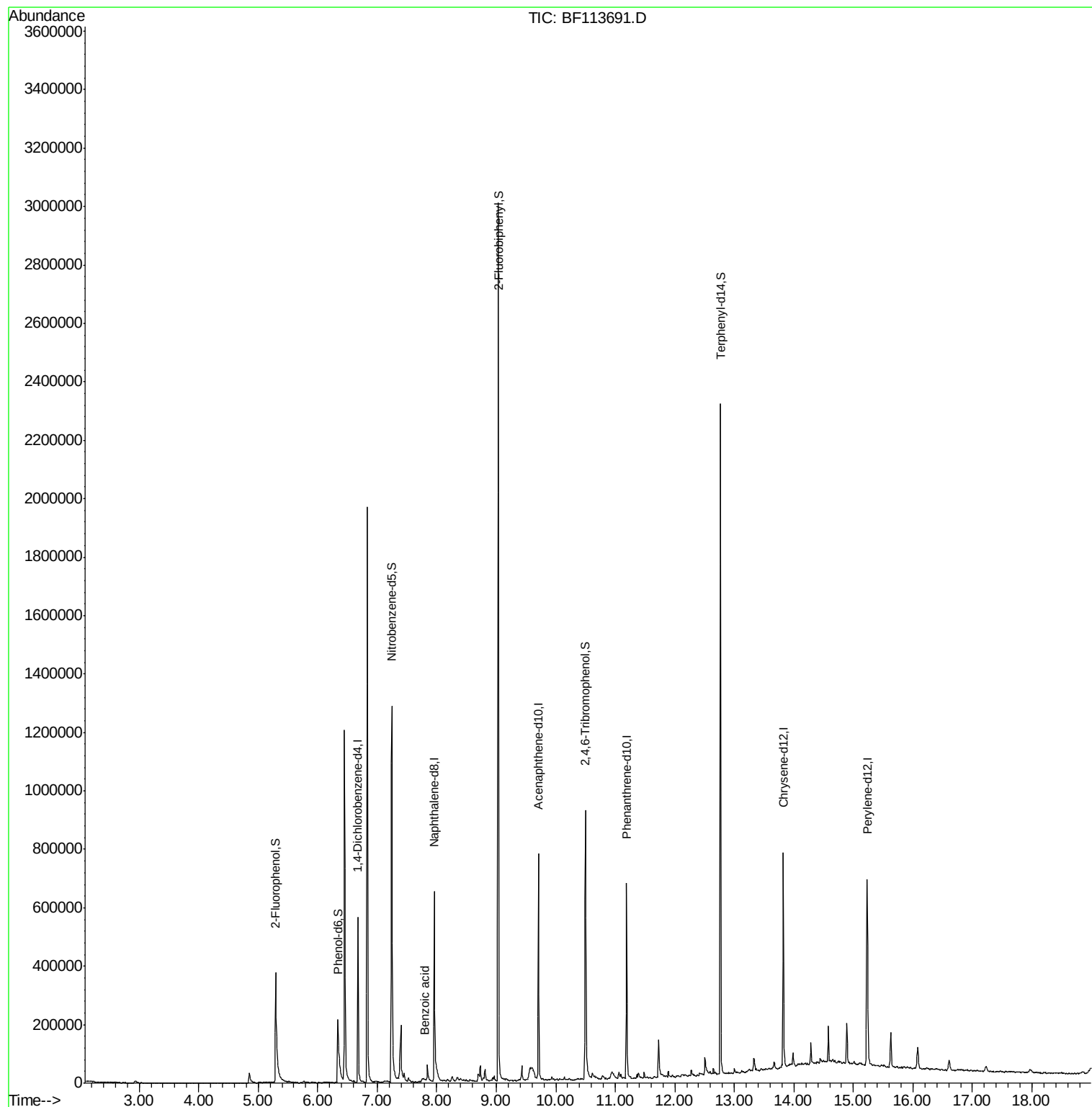
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	100097	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	365249	20.00	ng	-0.01
39) Acenaphthene-d10	9.70	164	167191	20.00	ng	-0.02
64) Phenanthrene-d10	11.19	188	300520	20.00	ng	-0.02
76) Chrysene-d12	13.82	240	278235	20.00	ng	-0.02
87) Perylene-d12	15.23	264	282382	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	212428	36.19	ng	0.00
7) Phenol-d6	6.34	99	175384	24.24	ng	0.00
23) Nitrobenzene-d5	7.25	82	499946	80.18	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	149873	74.62	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	929220	89.48	ng	-0.02
79) Terphenyl-d14	12.77	244	802195	58.70	ng	-0.02
Target Compounds						
32) Benzoic acid	7.80	122	8742	2.285	ng	Qvalue 87

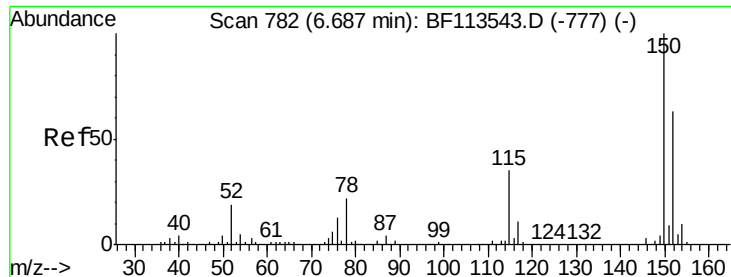
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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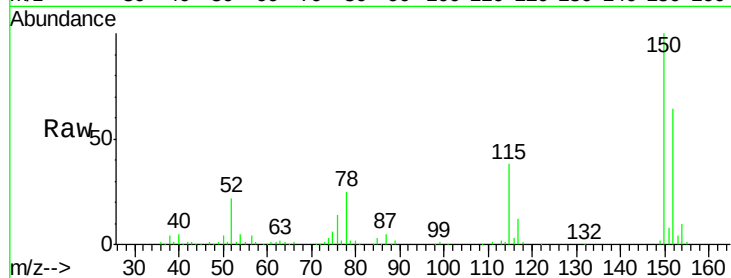


#1

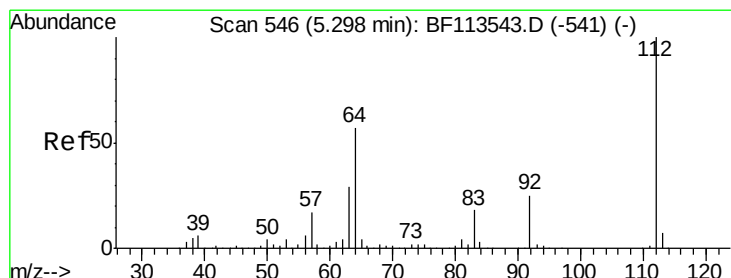
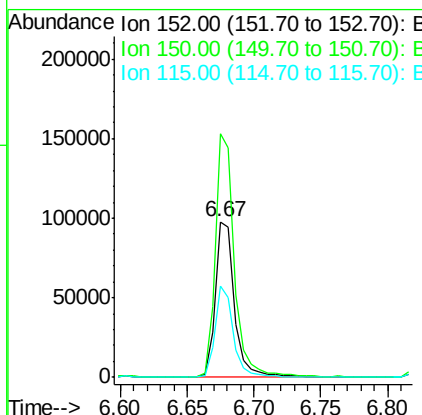
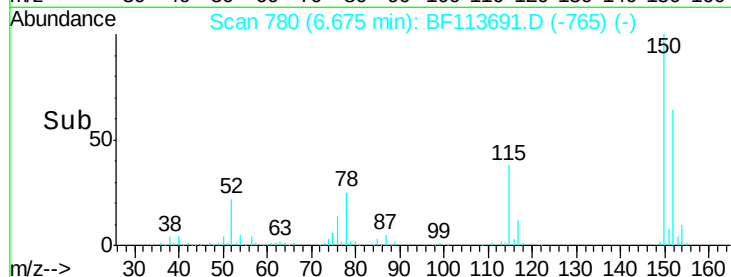
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF113691.D
Acq: 10 Apr 2019 9:32

Instrument :
BNA_F
ClientSampleId :
T1-604

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.7	187.1
115	59.1	46.0	69.0



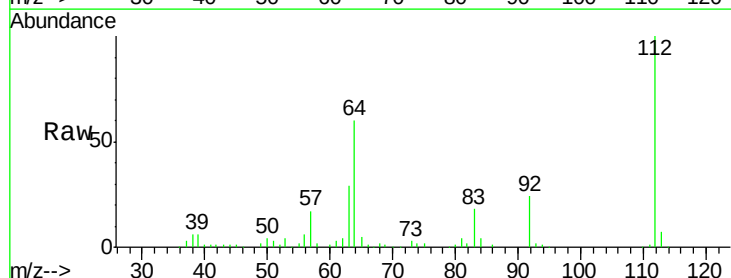
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



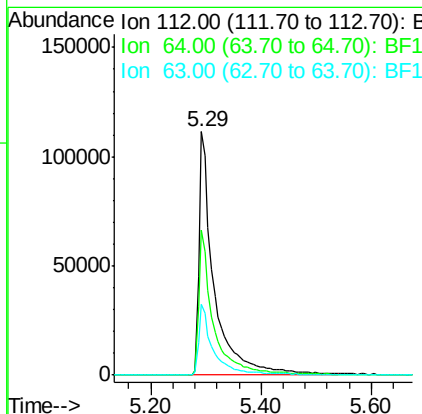
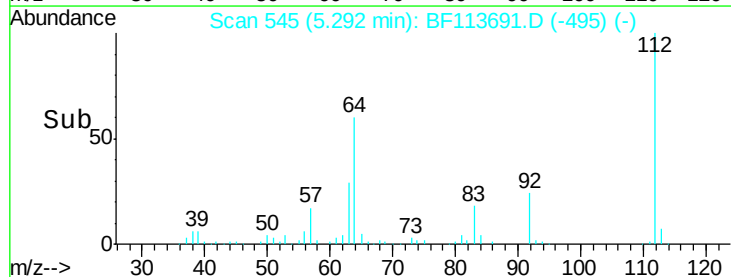
#5

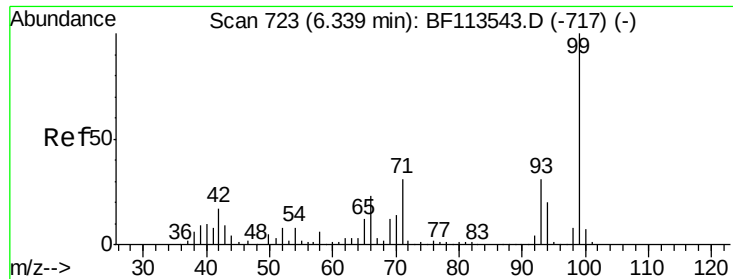
2-Fluorophenol
Concen: 36.189 ng
RT: 5.29 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF113691.D
Acq: 10 Apr 2019 9:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.7	49.2	73.8
63	28.9	24.9	37.3



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: 24.242 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF113691.D

Acq: 10 Apr 2019 9:32

Instrument :

BNA_F

ClientSampleId :

T1-604

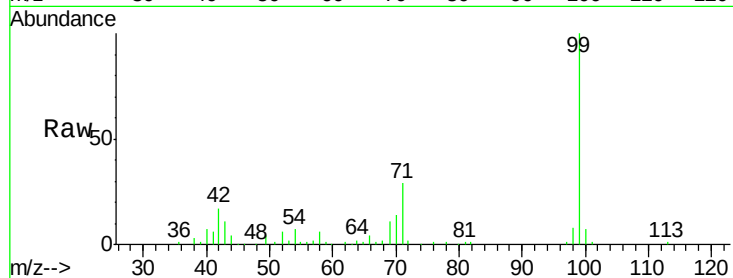
Tgt Ion: 99 Resp: 175384

Ion Ratio Lower Upper

99 100

42 16.9 14.8 22.2

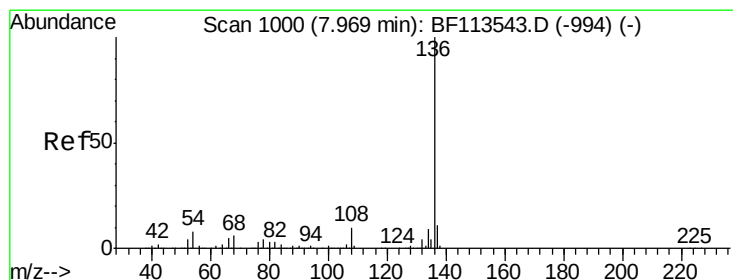
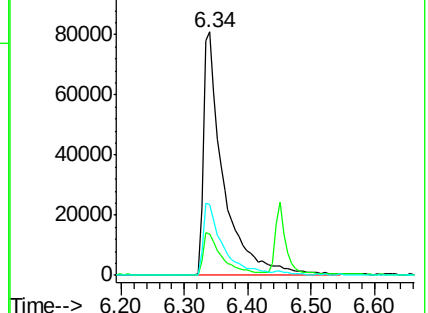
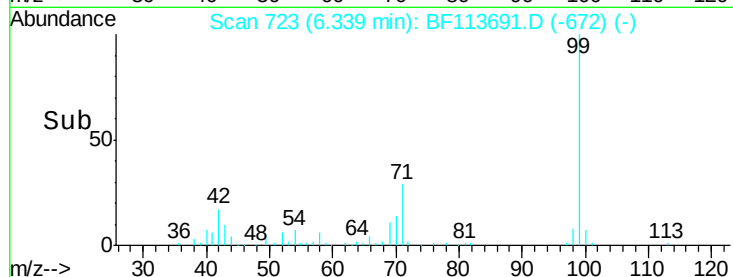
71 28.9 24.9 37.3



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: 7.96 min Scan# 998

Delta R.T. -0.01 min

Lab File: BF113691.D

Acq: 10 Apr 2019 9:32

Tgt Ion: 136 Resp: 365249

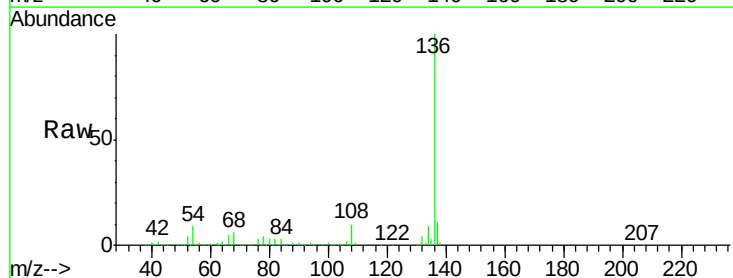
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.5 7.0 10.6

68 6.0 4.8 7.2

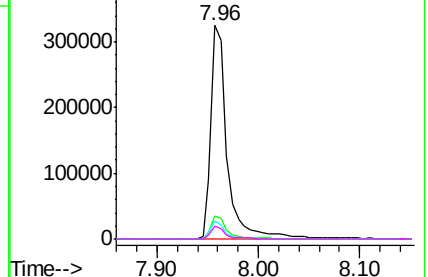
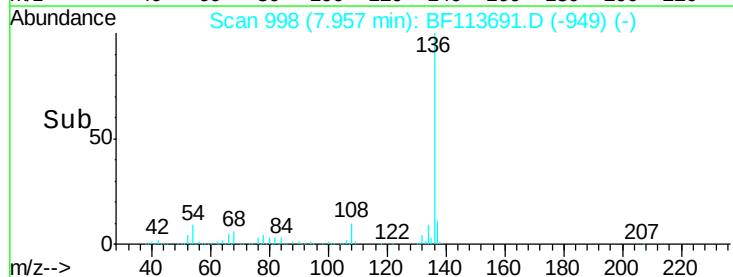


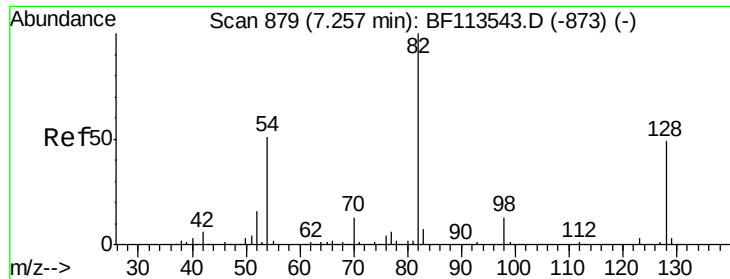
Abundance Ion 136.00 (135.70 to 136.70): E

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

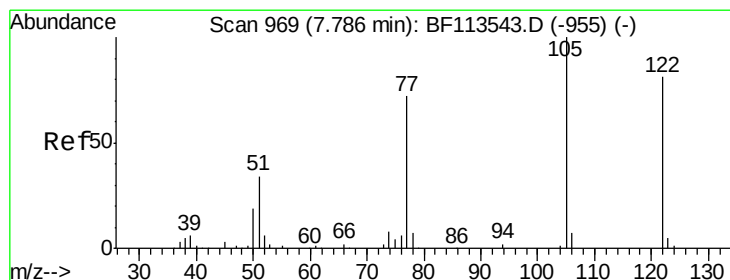
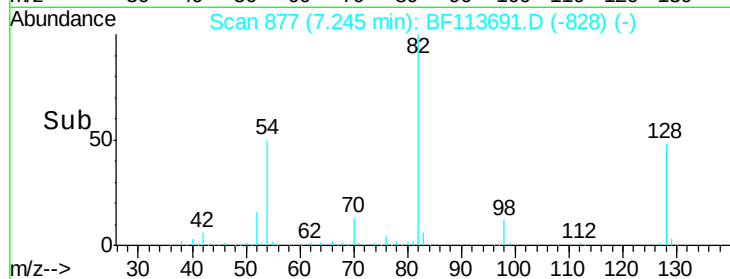
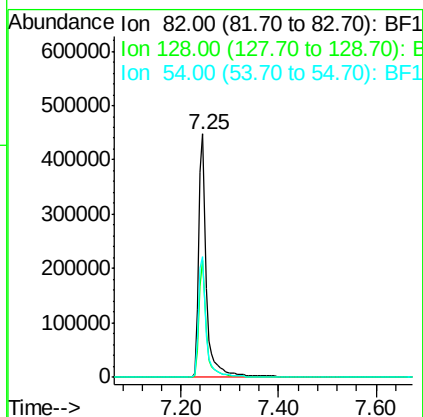
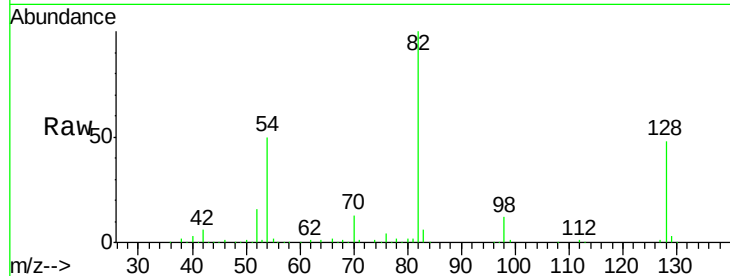




#23
 Nitrobenzene-d5
 Concen: 80.177 ng
 RT: 7.25 min Scan# 877
 Delta R.T. -0.01 min
 Lab File: BF113691.D
 Acq: 10 Apr 2019 9:32

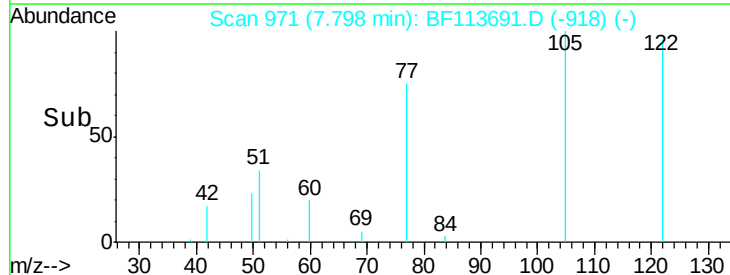
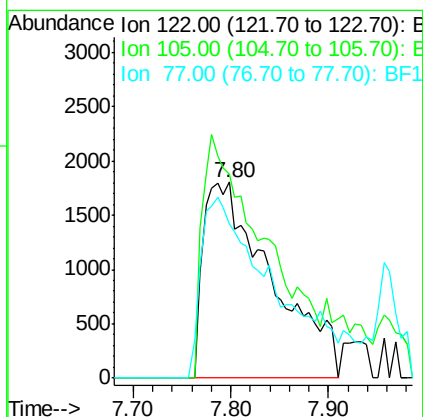
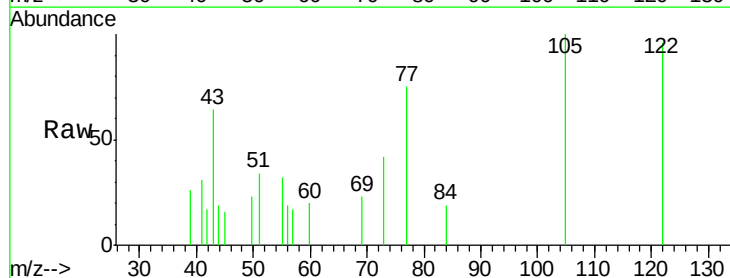
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 T1-604

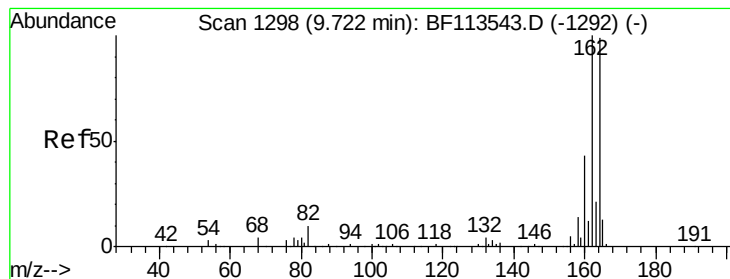
Tgt Ion: 82 Resp: 499946
 Ion Ratio Lower Upper
 82 100
 128 48.2 36.5 54.7
 54 49.8 42.2 63.2



#32
 Benzoic acid
 Concen: 2.285 ng
 RT: 7.80 min Scan# 971
 Delta R.T. 0.01 min
 Lab File: BF113691.D
 Acq: 10 Apr 2019 9:32

Tgt Ion: 122 Resp: 8742
 Ion Ratio Lower Upper
 122 100
 105 104.2 100.4 140.4
 77 78.4 69.0 109.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BF113691.D

Acq: 10 Apr 2019 9:32

Instrument :

BNA_F

ClientSampleId :

T1-604

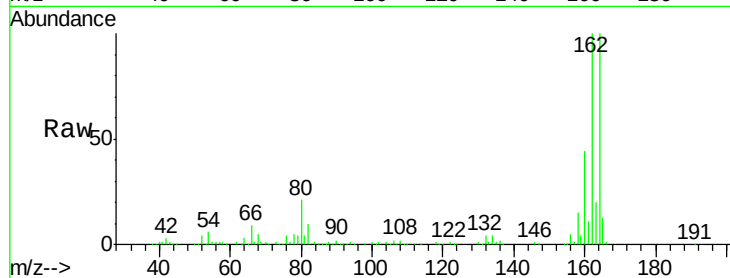
Tgt Ion:164 Resp: 167191

Ion Ratio Lower Upper

164 100

162 99.6 81.8 122.6

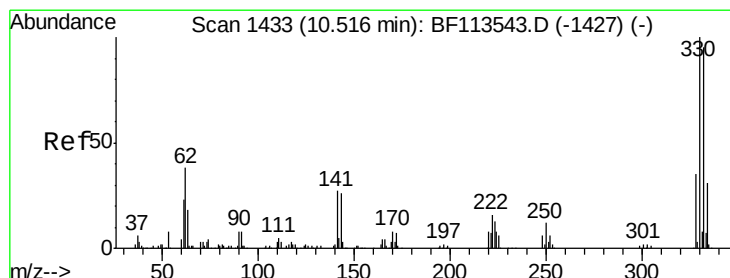
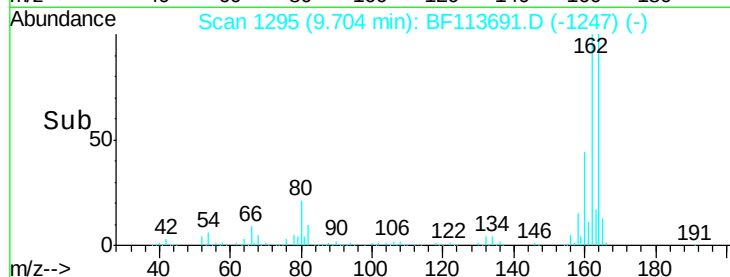
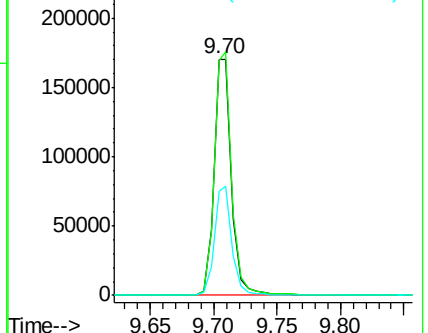
160 44.3 36.4 54.6



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: 74.624 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.02 min

Lab File: BF113691.D

Acq: 10 Apr 2019 9:32

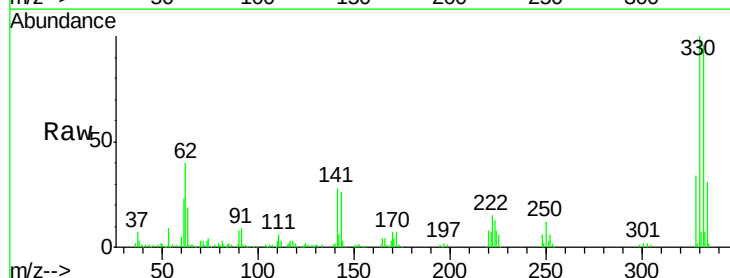
Tgt Ion:330 Resp: 149873

Ion Ratio Lower Upper

330 100

332 97.5 77.8 116.6

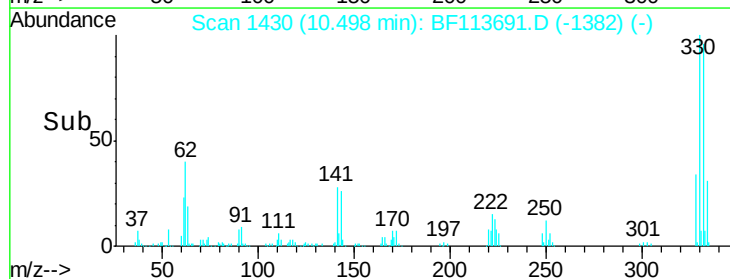
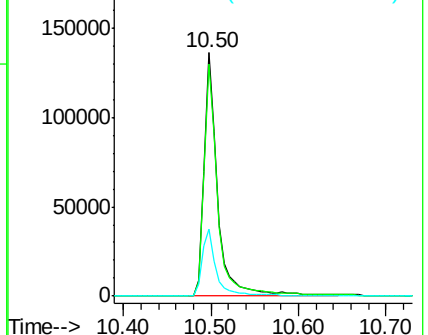
141 27.3 22.7 34.1

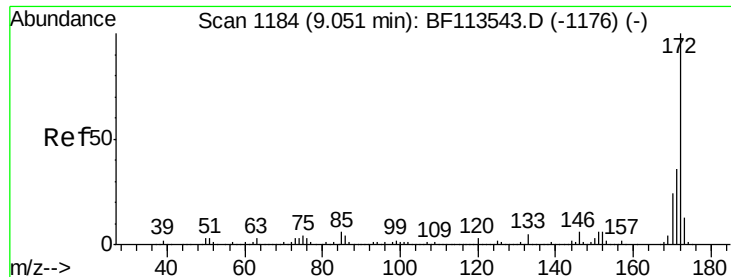


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

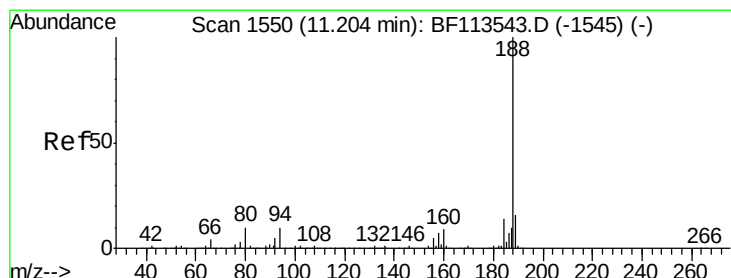
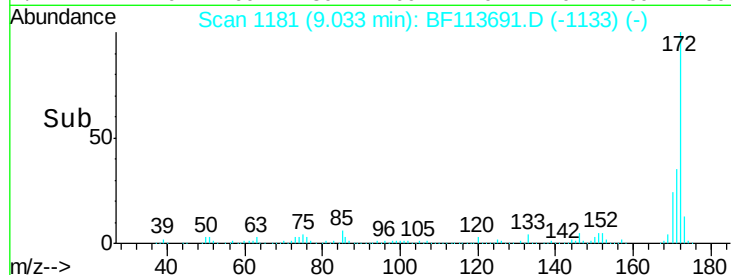
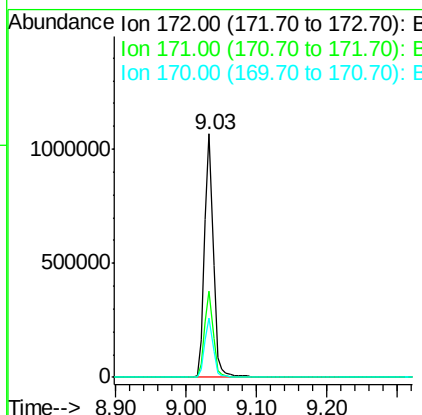
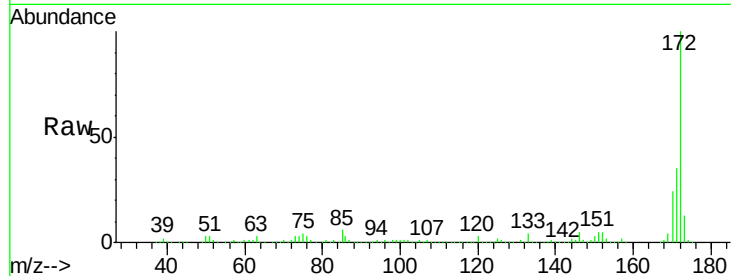




#45
 2-Fluorobiphenyl
 Concen: 89.475 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BF113691.D
 Acq: 10 Apr 2019 9:32

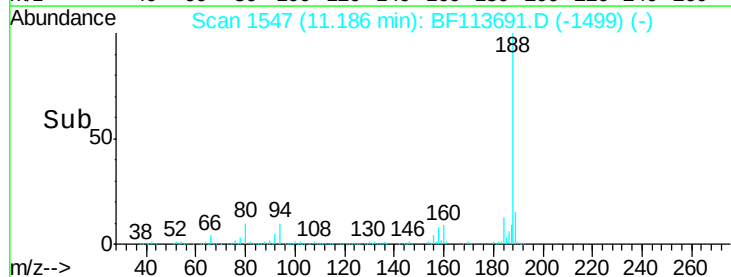
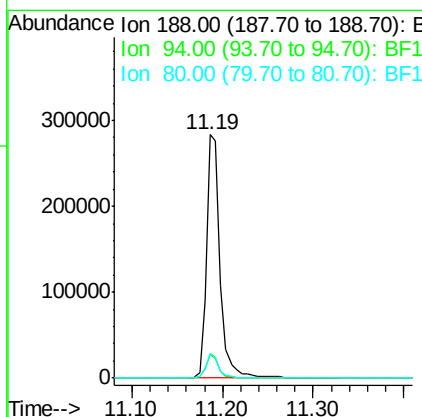
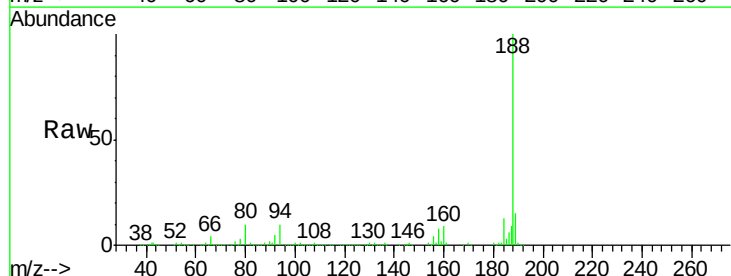
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 BNA_F
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 T1-604

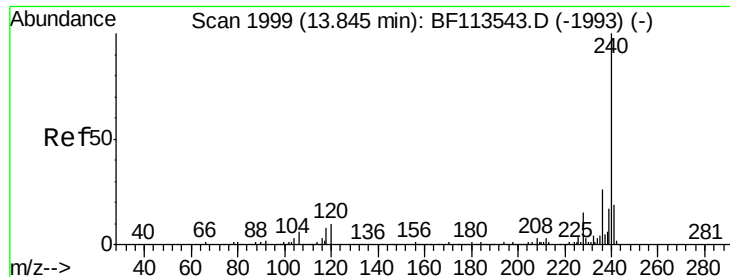
Tgt Ion:172 Resp: 929220
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.0 43.6
 170 24.2 19.5 29.3



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. -0.02 min
 Lab File: BF113691.D
 Acq: 10 Apr 2019 9:32

Tgt Ion:188 Resp: 300520
 Ion Ratio Lower Upper
 188 100
 94 9.7 7.0 10.6
 80 10.2 7.7 11.5

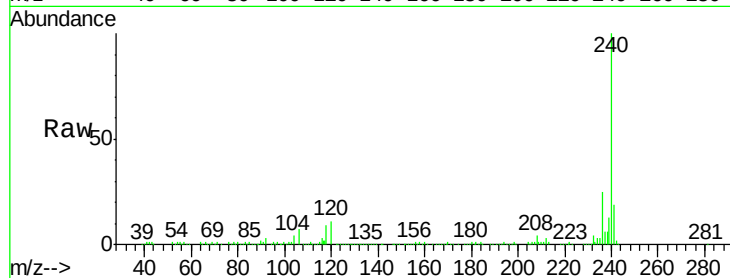




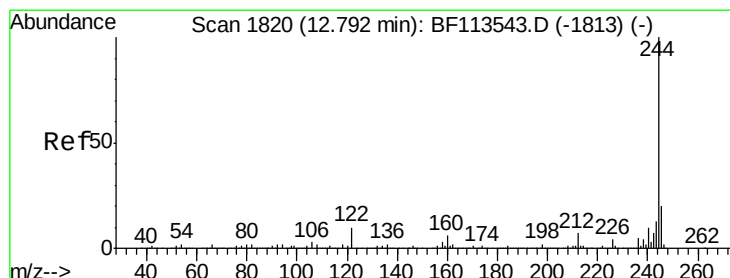
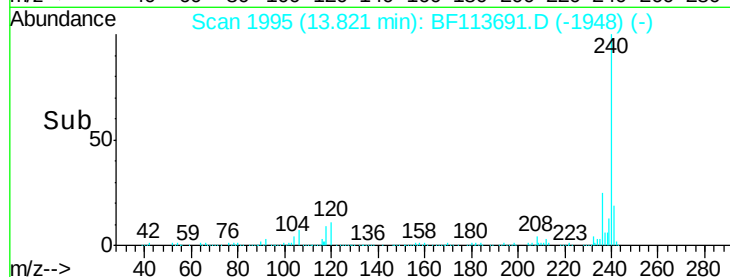
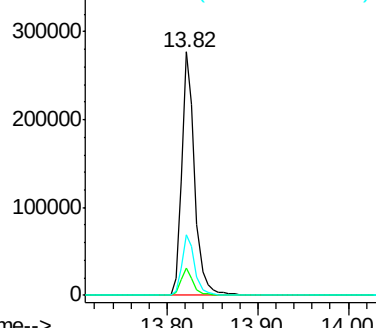
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF113691.D
Acq: 10 Apr 2019 9:32

Instrument :
BNA_F
ClientSampleId :
T1-604

Tgt Ion:240 Resp: 278235
Ion Ratio Lower Upper
240 100
120 11.0 8.8 13.2
236 25.1 20.9 31.3

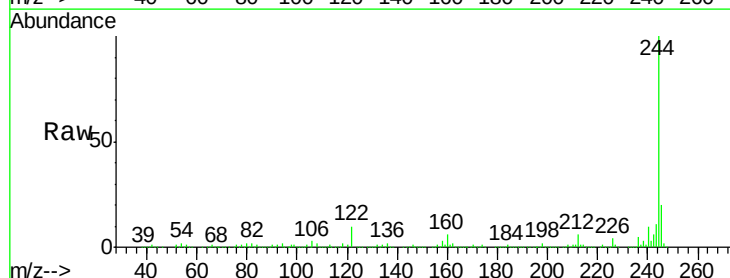


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

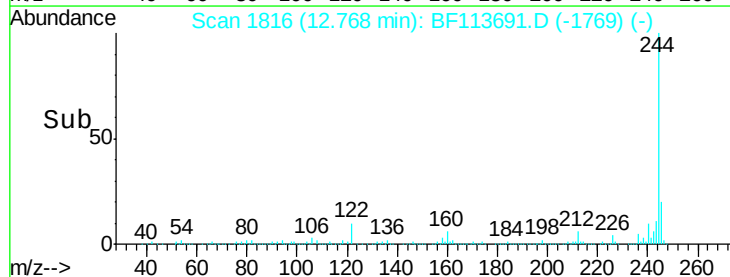
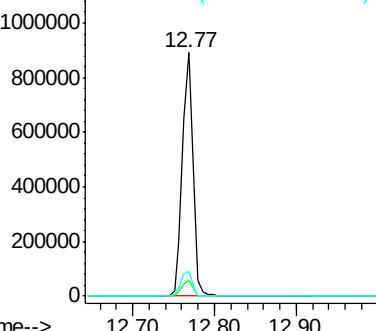


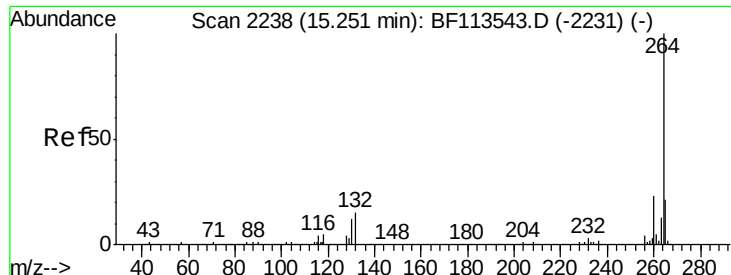
#79
Terphenyl-d14
Concen: 58.702 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.02 min
Lab File: BF113691.D
Acq: 10 Apr 2019 9:32

Tgt Ion:244 Resp: 802195
Ion Ratio Lower Upper
244 100
212 6.5 5.5 8.3
122 10.2 8.6 13.0



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

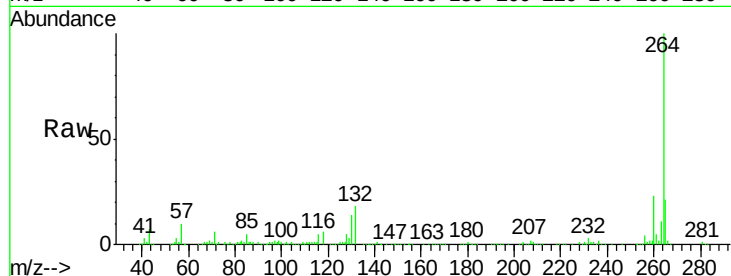




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.02 min
Lab File: BF113691.D
Acq: 10 Apr 2019 9:32

Instrument :
BNA_F
ClientSampleId :
T1-604

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.1	28.7
265	21.3	17.1	25.7



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

