

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
 Data File : BF113148.D
 Acq On : 20 Mar 2019 2:37
 Operator : JU/SJ
 Sample : K1933-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-6

Quant Time: Mar 20 07:27:47 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

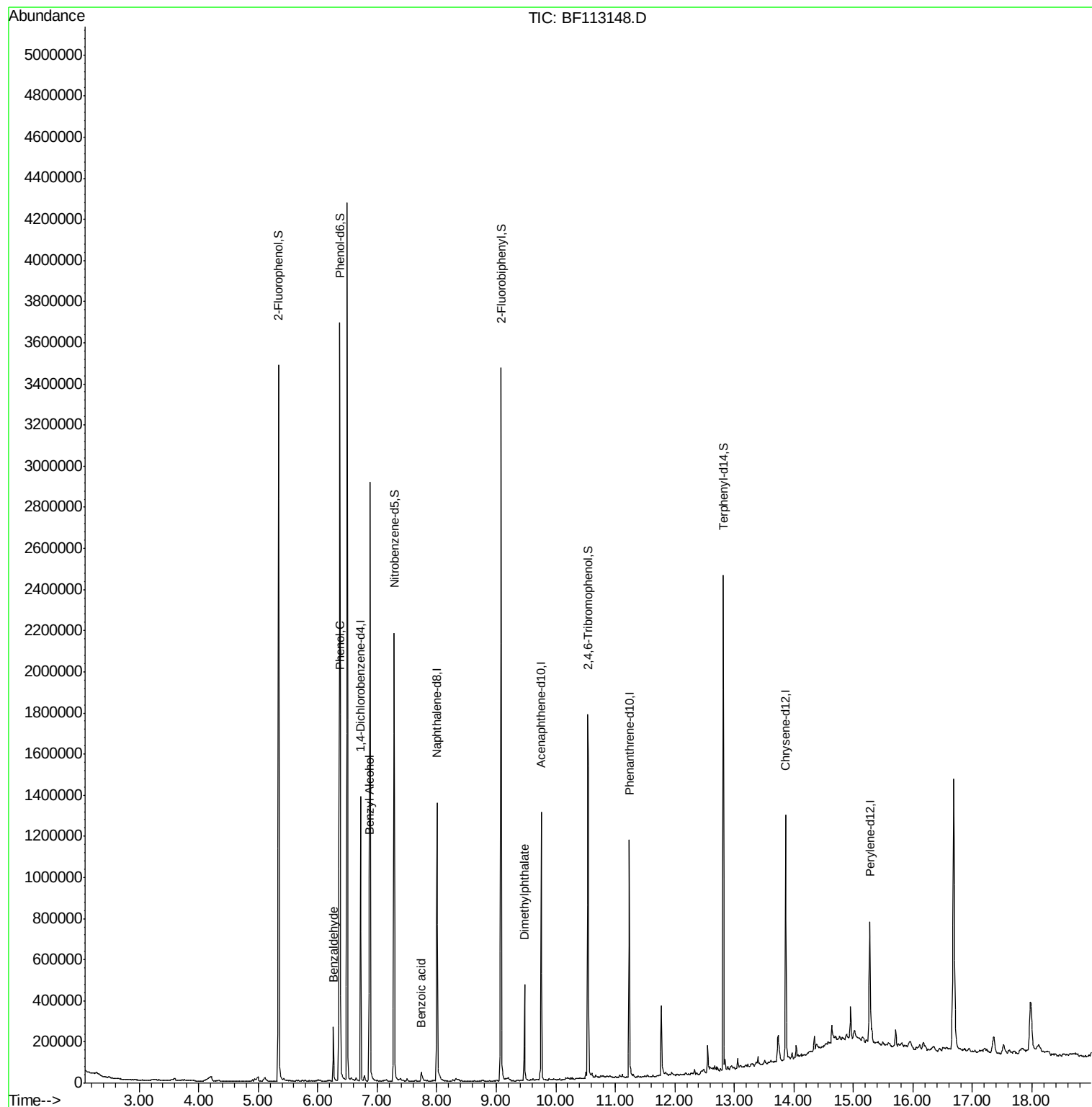
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	192335	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	627044	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	266904	20.00	ng	-0.01
64) Phenanthrene-d10	11.23	188	432246	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	398201	20.00	ng	0.00
87) Perylene-d12	15.27	264	291670	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1084132	87.68	ng	0.00
7) Phenol-d6	6.37	99	1502505	96.74	ng	0.00
23) Nitrobenzene-d5	7.29	82	744695	71.07	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	250018	88.24	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1077164	62.32	ng	-0.01
79) Terphenyl-d14	12.82	244	828105	40.31	ng	0.00
Target Compounds						
9) Benzaldehyde	6.26	77	54831	4.899	ng	96
10) Phenol	6.39	94	85905	4.740	ng	87
15) Benzyl Alcohol	6.86	79	90183	7.615	ng	98
32) Benzoic acid	7.75	122	17756	2.805	ng	95
50) Dimethylphthalate	9.47	163	207224	10.530	ng	98

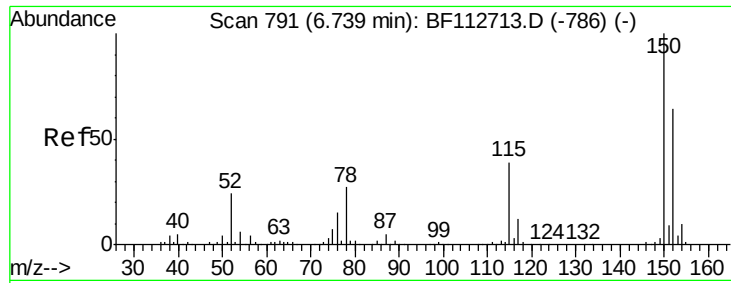
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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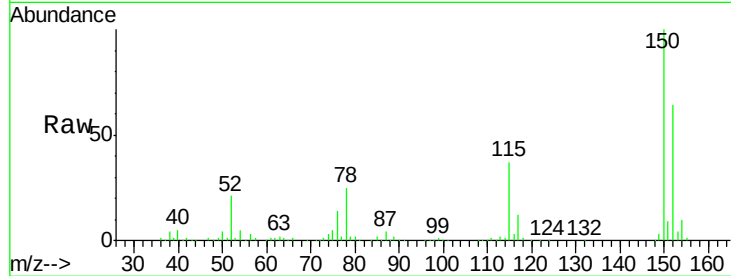


#1

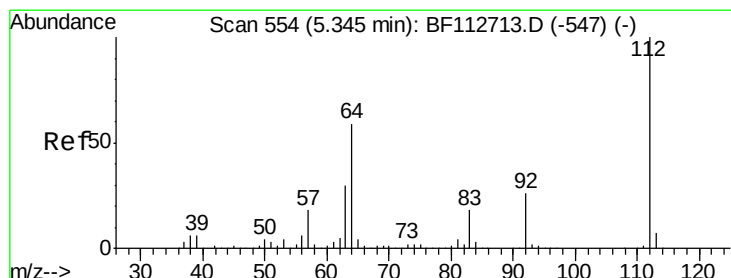
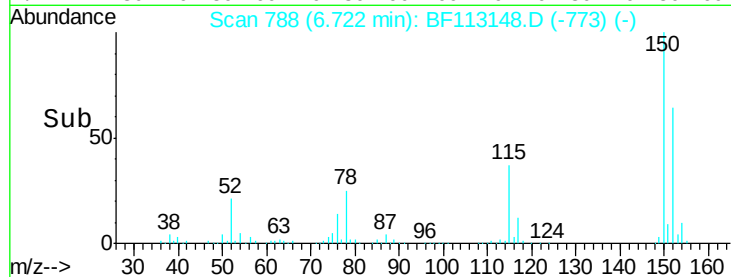
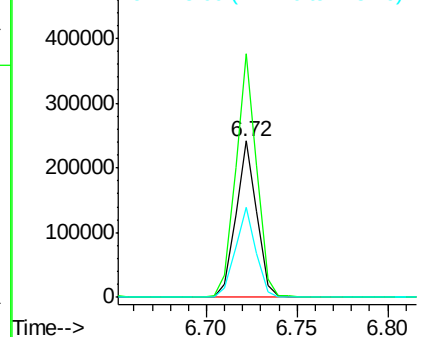
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF113148.D
Acq: 20 Mar 2019 2:37

Instrument :
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ClientSampleId :
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Tgt Ion:152 Resp: 192335
Ion Ratio Lower Upper
152 100
150 155.9 124.2 186.2
115 58.0 48.2 72.4



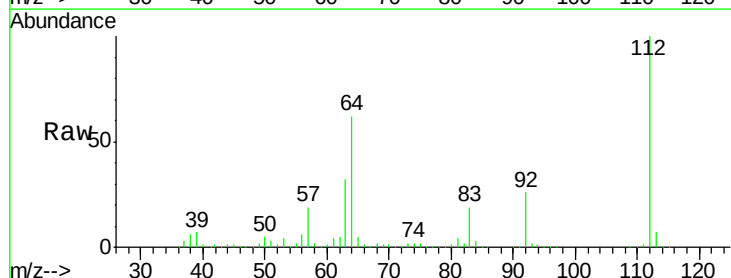
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



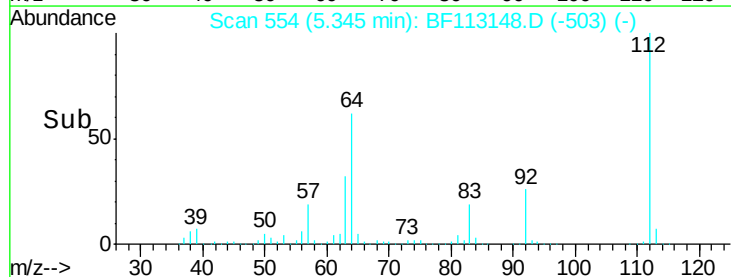
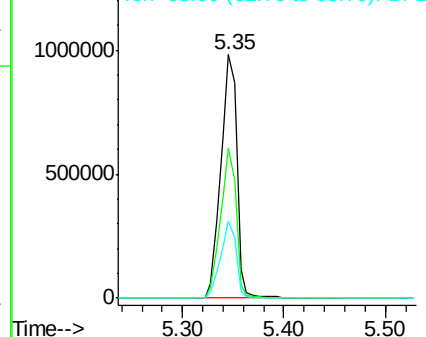
#5

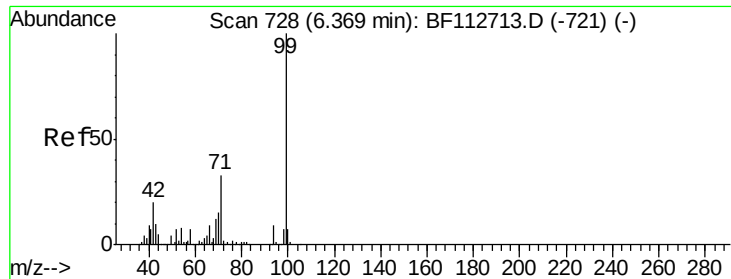
2-Fluorophenol
Concen: 87.681 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF113148.D
Acq: 20 Mar 2019 2:37

Tgt Ion:112 Resp: 1084132
Ion Ratio Lower Upper
112 100
64 61.8 47.6 71.4
63 31.8 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: 96.737 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF113148.D

Acq: 20 Mar 2019 2:37

Instrument :

BNA_F

ClientSampleId :

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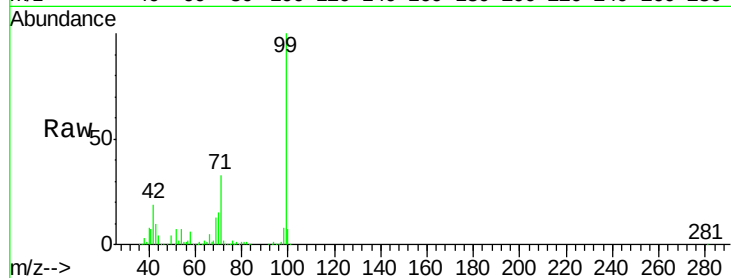
Tgt Ion: 99 Resp: 1502505

Ion Ratio Lower Upper

99 100

42 19.0 16.3 24.5

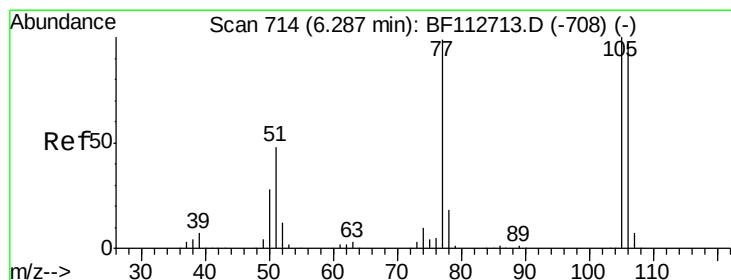
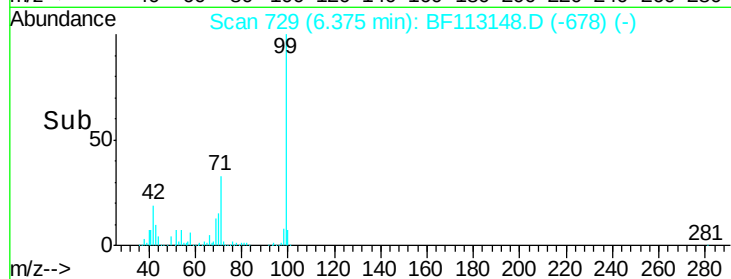
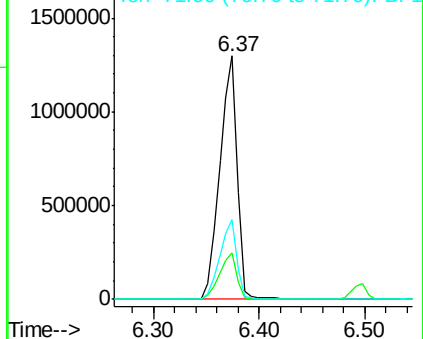
71 32.9 26.2 39.4



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



#9

Benzaldehyde

Concen: 4.899 ng

RT: 6.26 min Scan# 710

Delta R.T. -0.02 min

Lab File: BF113148.D

Acq: 20 Mar 2019 2:37

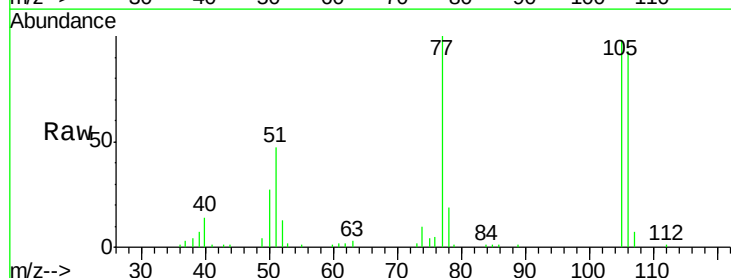
Tgt Ion: 77 Resp: 54831

Ion Ratio Lower Upper

77 100

105 97.8 81.4 121.4

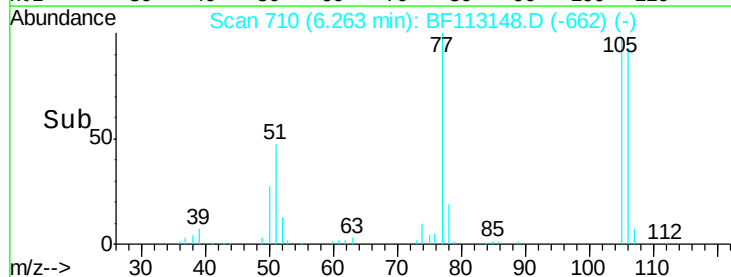
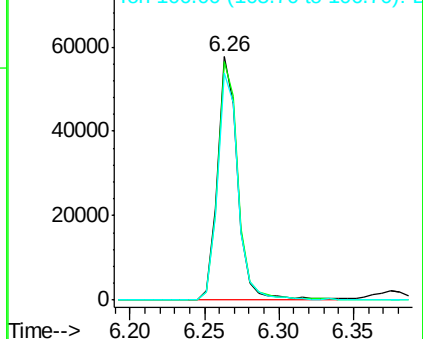
106 93.3 78.3 118.3

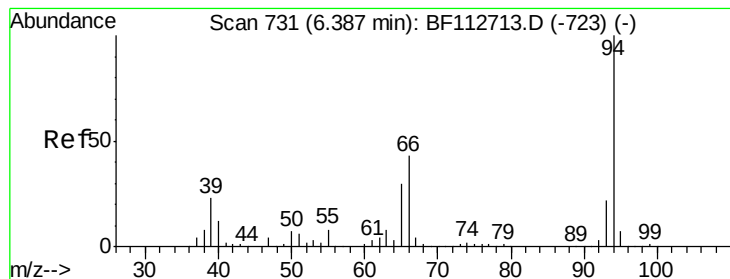


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

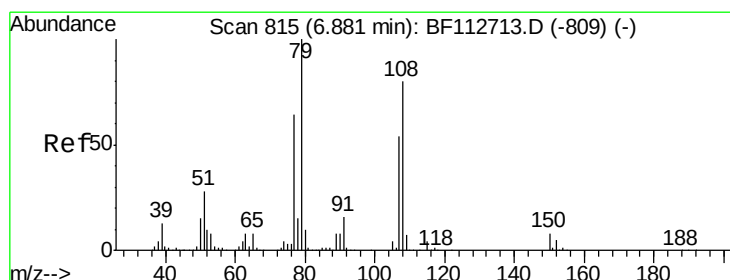
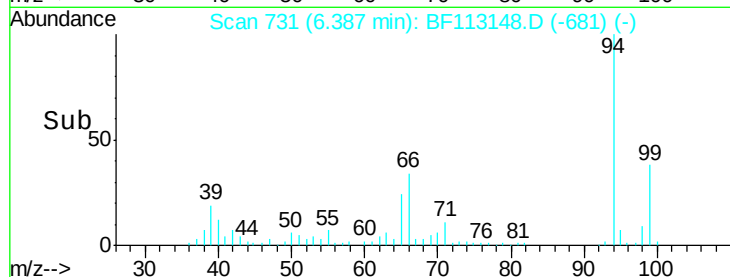
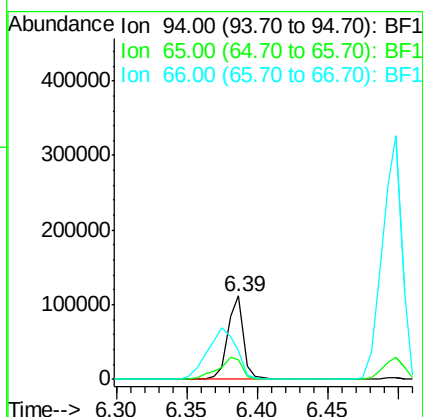
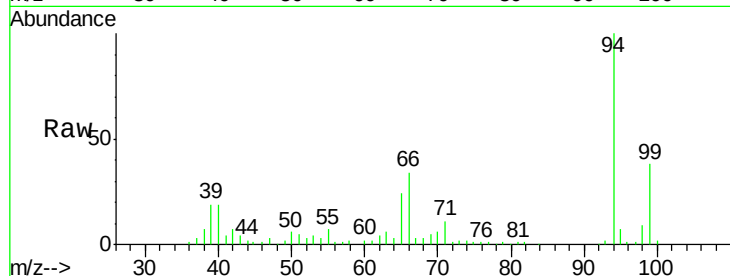




#10
Phenol
Concen: 4.740 ng
RT: 6.39 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF113148.D
Acq: 20 Mar 2019 2:37

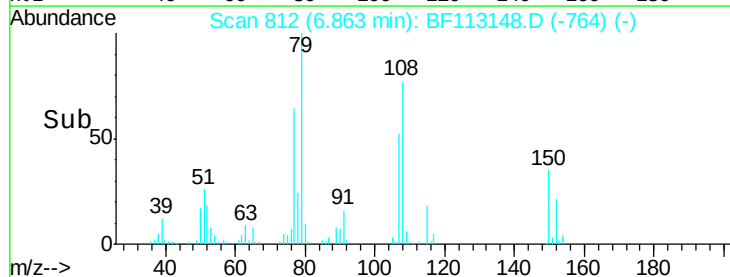
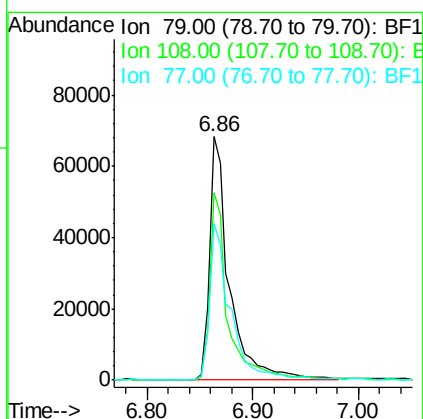
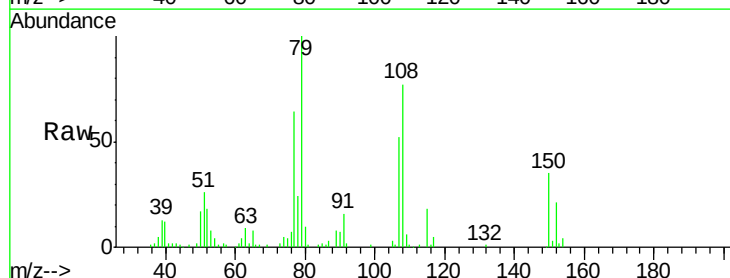
Instrument :
BNA_F
ClientSampleId :
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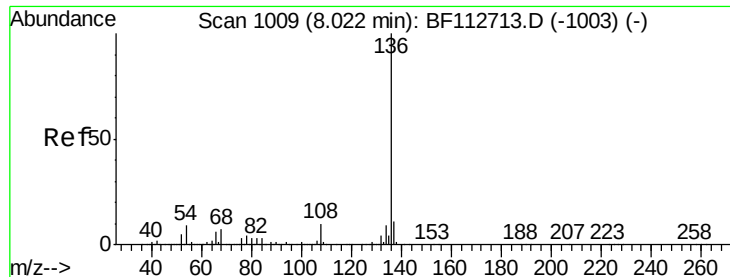
Tgt Ion: 94 Resp: 85905
Ion Ratio Lower Upper
94 100
65 24.0 10.5 50.5
66 34.2 22.6 62.6



#15
Benzyl Alcohol
Concen: 7.615 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.02 min
Lab File: BF113148.D
Acq: 20 Mar 2019 2:37

Tgt Ion: 79 Resp: 90183
Ion Ratio Lower Upper
79 100
108 77.0 64.2 96.4
77 64.1 51.1 76.7

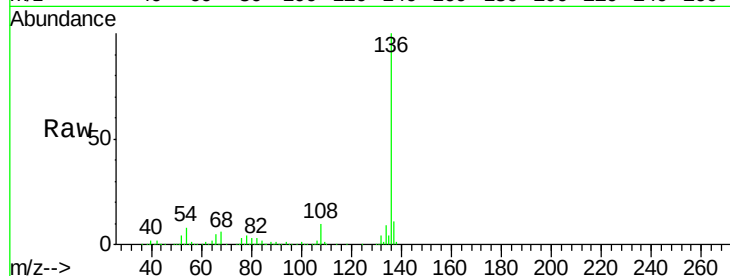




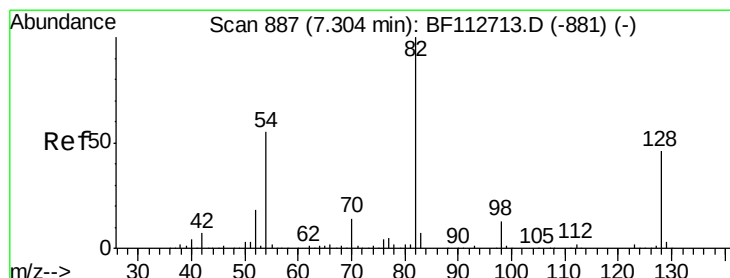
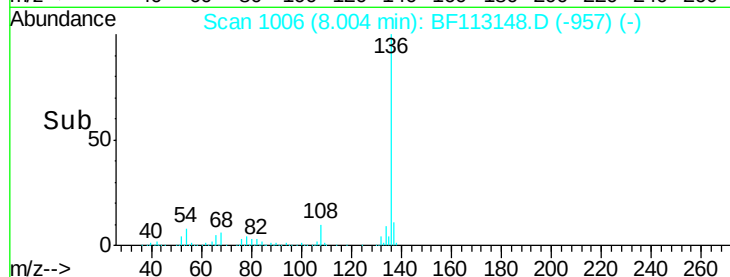
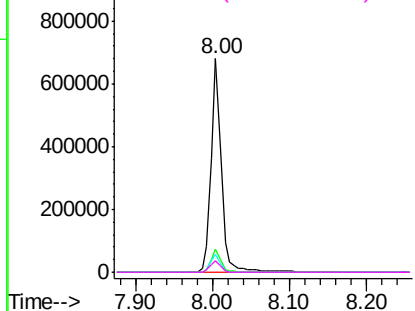
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF113148.D
Acq: 20 Mar 2019 2:37

Instrument :
BNA_F
ClientSampleId :
S-6

Tgt Ion:	136	Resp:	627044
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.2	7.3	10.9
68	5.6	5.4	8.2

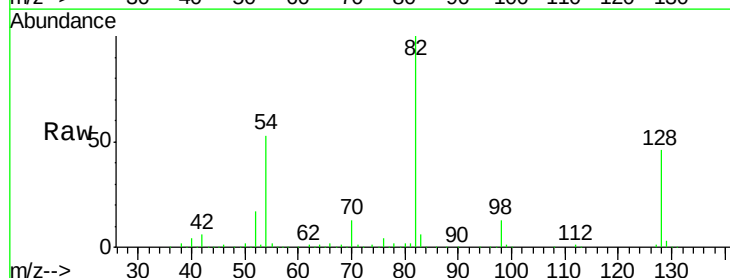


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

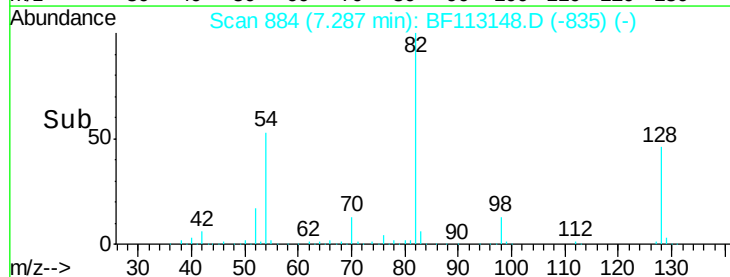
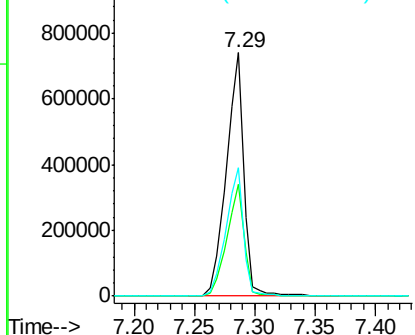


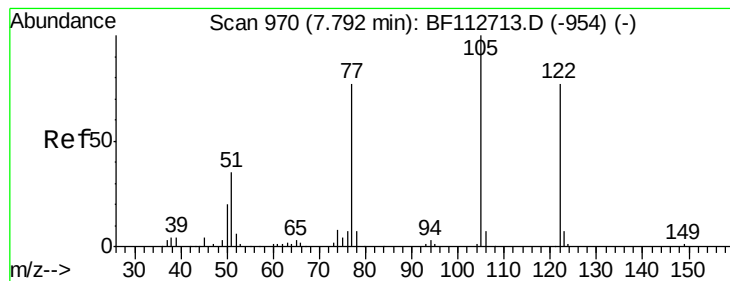
#23
Nitrobenzene-d5
Concen: 71.065 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113148.D
Acq: 20 Mar 2019 2:37

Tgt Ion:	82	Resp:	744695
Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.3	54.5
54	52.8	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





#32

Benzoic acid

Concen: 2.805 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.06 min

Lab File: BF113148.D

Acq: 20 Mar 2019 2:37

Instrument :

BNA_F

ClientSampleId :

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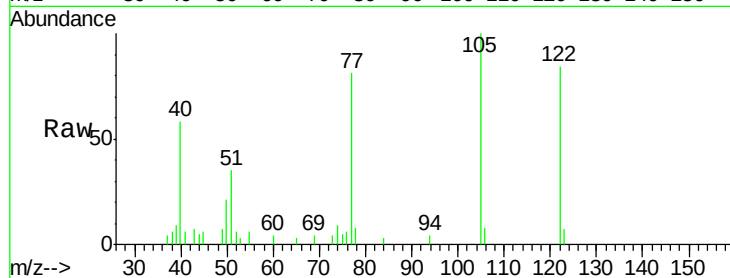
Tgt Ion:122 Resp: 17756

Ion Ratio Lower Upper

122 100

105 118.6 106.8 146.8

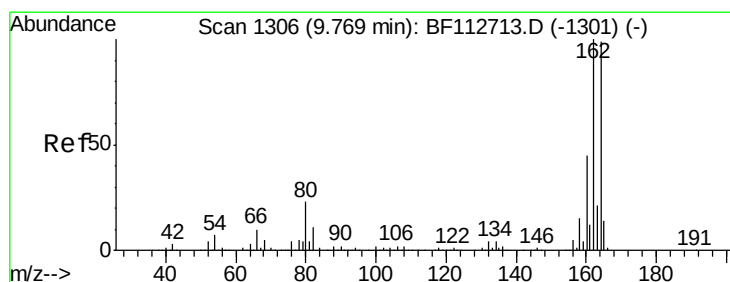
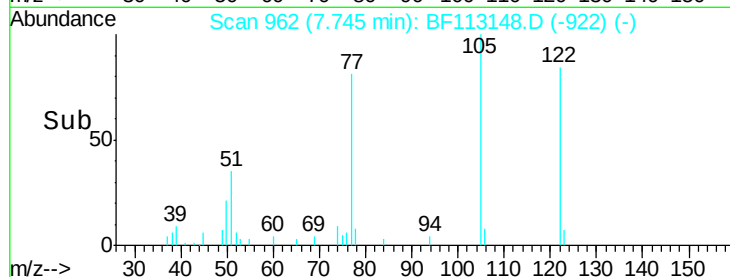
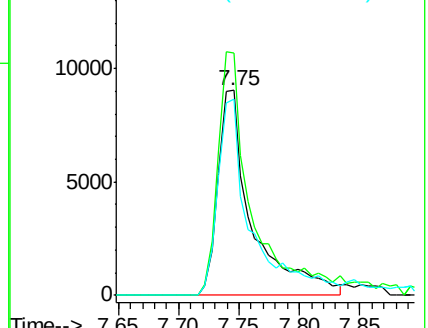
77 96.0 79.4 119.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF113148.D

Acq: 20 Mar 2019 2:37

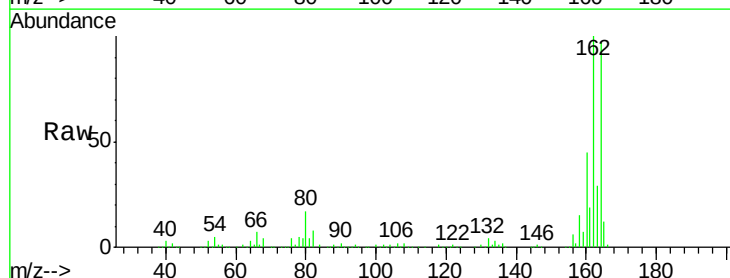
Tgt Ion:164 Resp: 266904

Ion Ratio Lower Upper

164 100

162 103.4 80.6 120.8

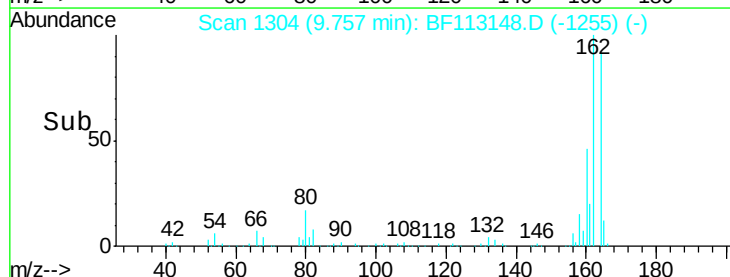
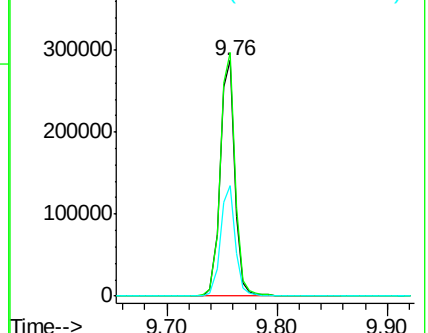
160 47.0 36.0 54.0

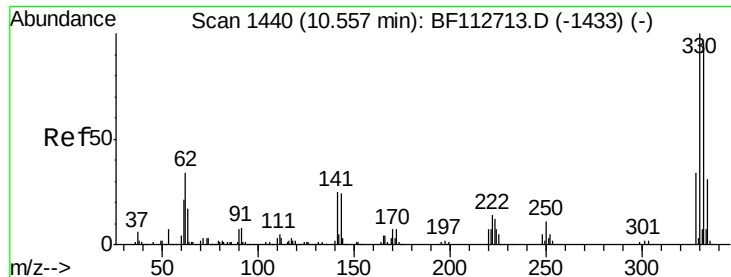


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

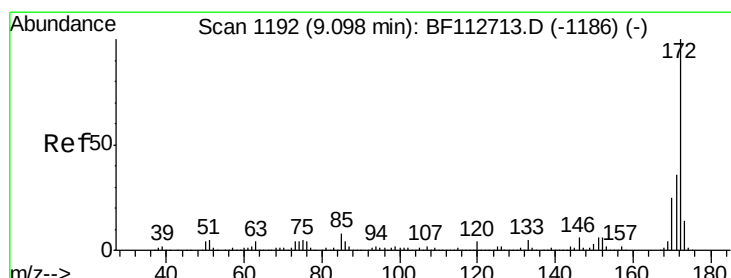
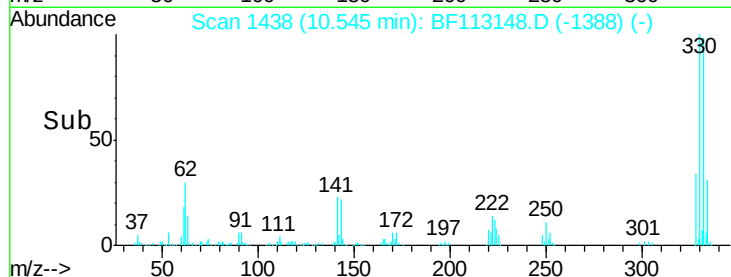
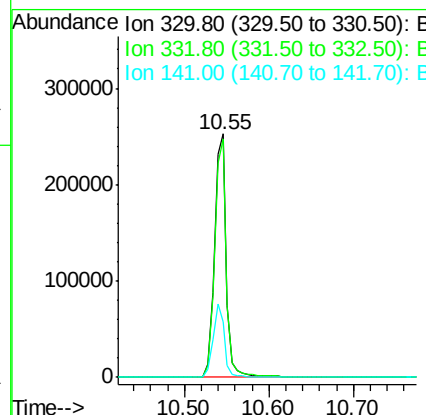
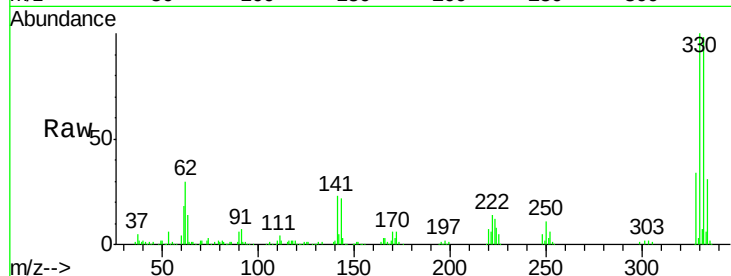




#42
 2,4,6-Tribromophenol
 Concen: 88.236 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF113148.D
 Acq: 20 Mar 2019 2:37

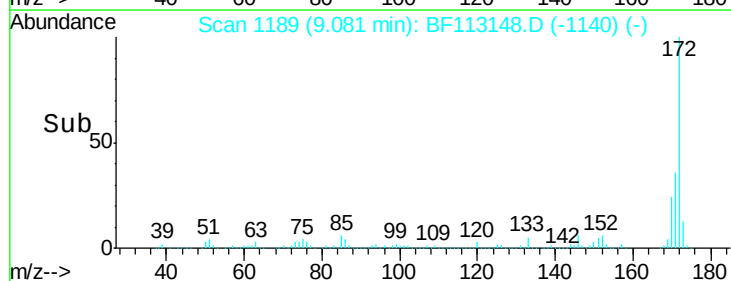
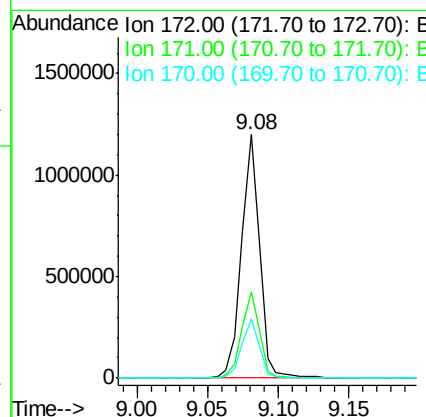
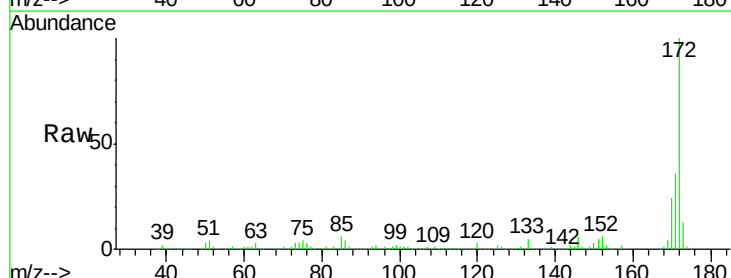
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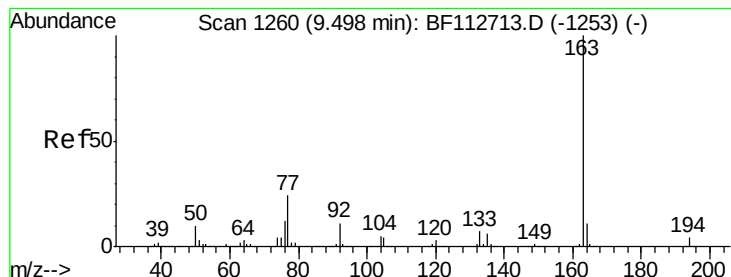
Tgt Ion:330 Resp: 250018
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.2 114.4
 141 28.8 27.0 40.6



#45
 2-Fluorobiphenyl
 Concen: 62.323 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF113148.D
 Acq: 20 Mar 2019 2:37

Tgt Ion:172 Resp: 1077164
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.0 43.4
 170 24.4 20.0 30.0





#50

Dimethylphthalate

Concen: 10.530 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.02 min

Lab File: BF113148.D

Acq: 20 Mar 2019 2:37

Instrument :

BNA_F

ClientSampleId :

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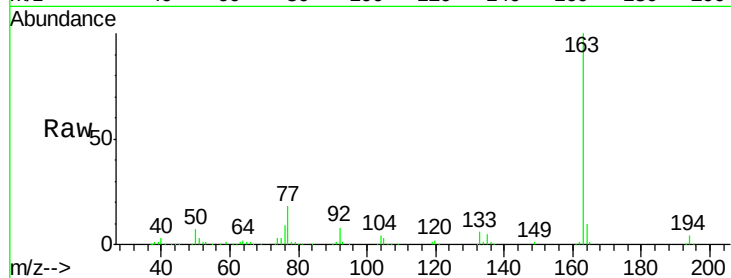
Tgt Ion:163 Resp: 207224

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

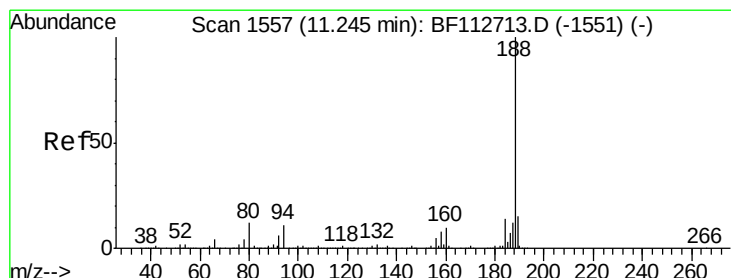
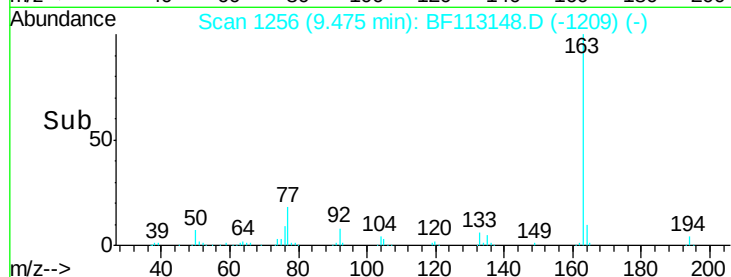
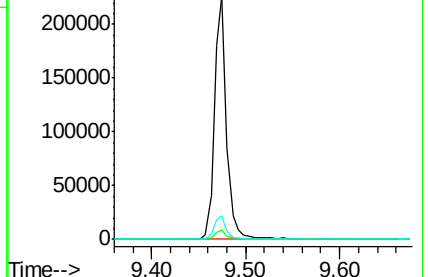
164 9.7 8.4 12.6



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: 11.23 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF113148.D

Acq: 20 Mar 2019 2:37

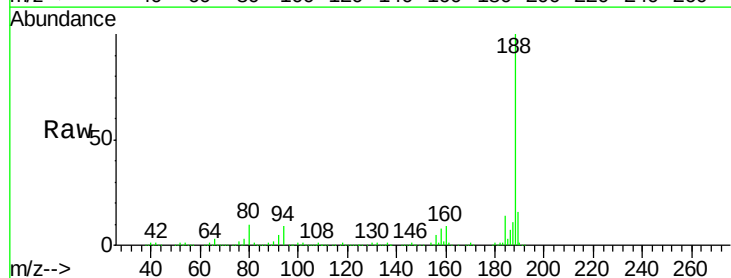
Tgt Ion:188 Resp: 432246

Ion Ratio Lower Upper

188 100

94 8.9 9.0 13.4#

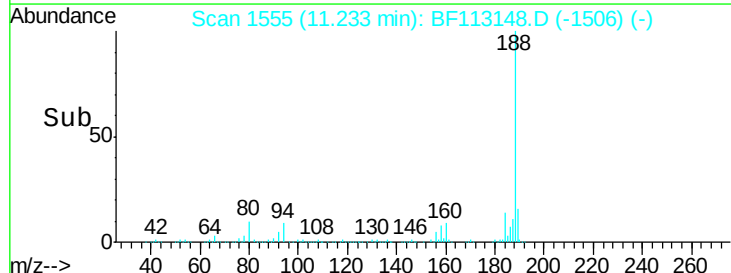
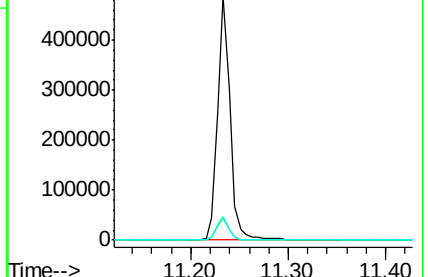
80 9.6 9.2 13.8

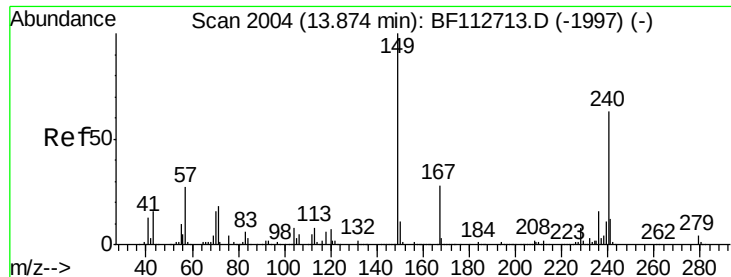


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

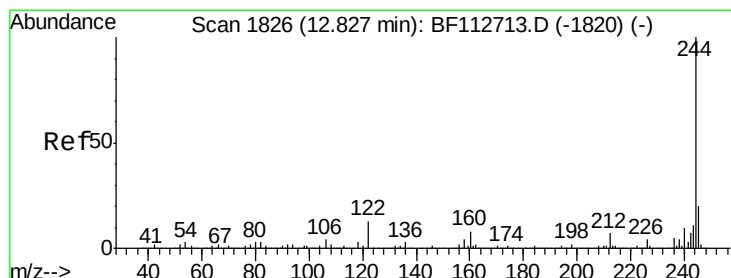
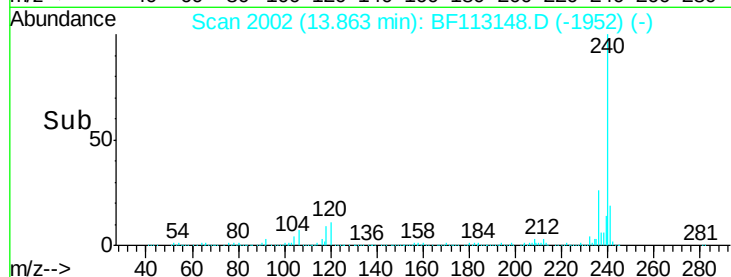
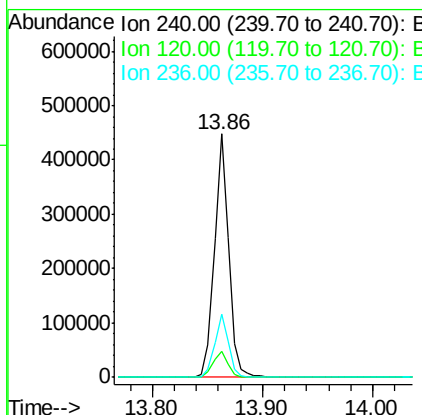
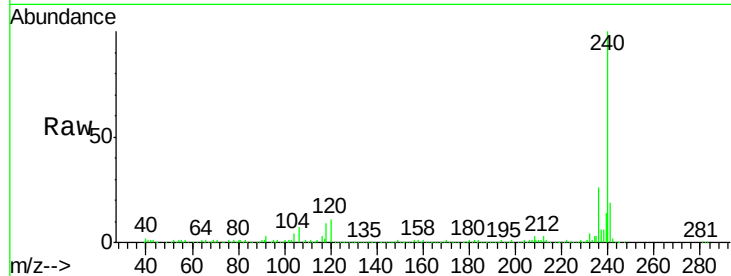




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113148.D
Acq: 20 Mar 2019 2:37

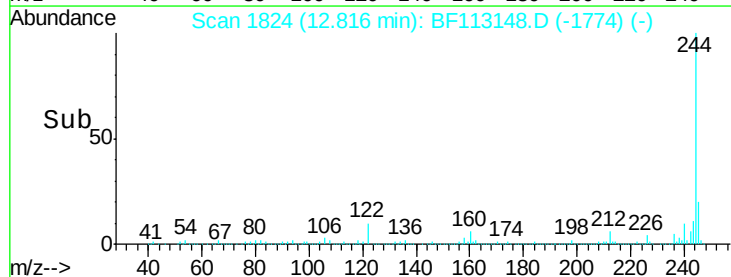
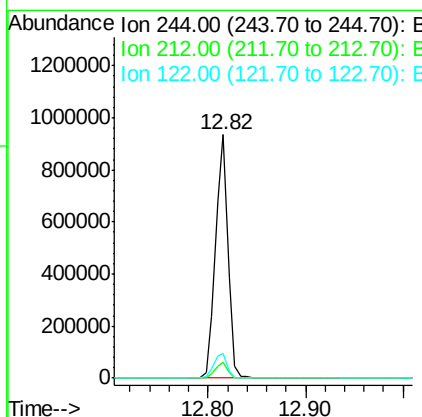
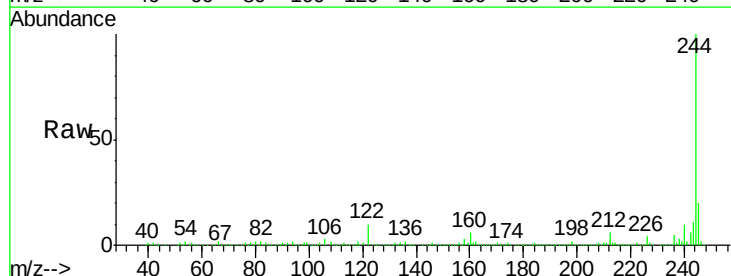
Instrument :
BNA_F
ClientSampleId :
S-6

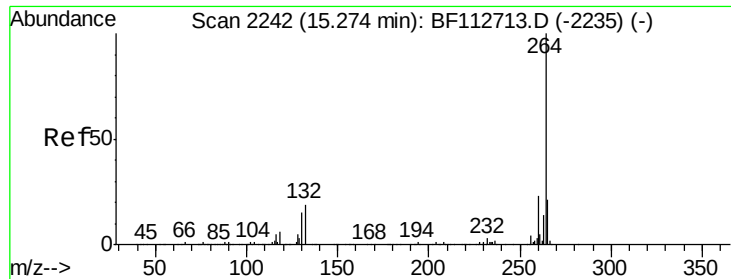
Tgt Ion:240 Resp: 398201
Ion Ratio Lower Upper
240 100
120 10.6 8.9 13.3
236 26.0 20.7 31.1



#79
Terphenyl-d14
Concen: 40.313 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF113148.D
Acq: 20 Mar 2019 2:37

Tgt Ion:244 Resp: 828105
Ion Ratio Lower Upper
244 100
212 6.4 5.6 8.4
122 10.3 10.5 15.7#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.00 min
Lab File: BF113148.D
Acq: 20 Mar 2019 2:37

Instrument :
BNA_F
ClientSampleId :
S-6

Tgt Ion: 264 Resp: 291670
Ion Ratio Lower Upper
264 100
260 23.8 18.7 28.1
265 22.1 17.2 25.8

