

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
 Data File : BF113147.D
 Acq On : 20 Mar 2019 2:09
 Operator : JU/SJ
 Sample : K1933-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-4

Quant Time: Mar 20 07:25:17 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

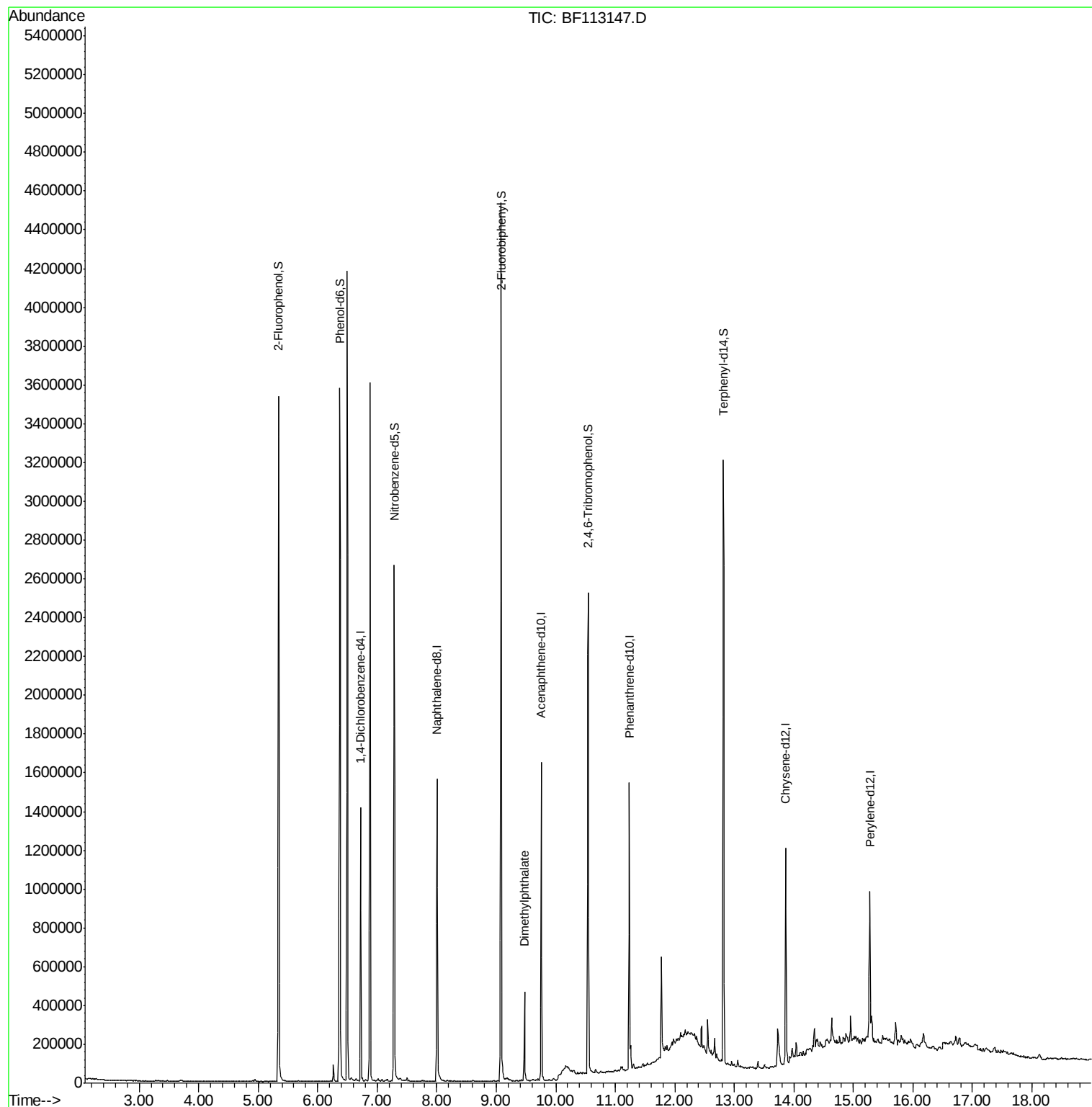
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	202913	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	736766	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	325240	20.00	ng	-0.01
64) Phenanthrene-d10	11.23	188	554844	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	384645	20.00	ng	0.00
87) Perylene-d12	15.27	264	365541	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1150287	88.18	ng	0.00
7) Phenol-d6	6.37	99	1548958	94.53	ng	0.00
23) Nitrobenzene-d5	7.29	82	926520	75.25	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	353169	102.28	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1489238	73.12	ng	-0.01
79) Terphenyl-d14	12.82	244	1147688	57.84	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.47	163	205616	8.574	ng	Qvalue 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: BF113147.D

Acq: 20 Mar 2019 2:09

Instrument :

BNA_F

ClientSampleId :

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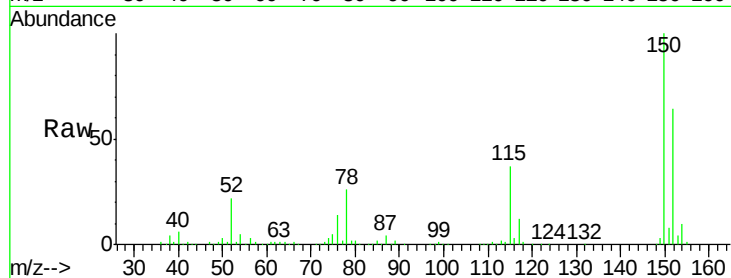
Tgt Ion:152 Resp: 202913

Ion Ratio Lower Upper

152 100

150 156.1 124.2 186.2

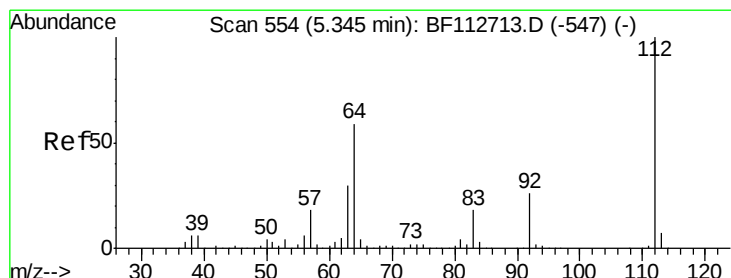
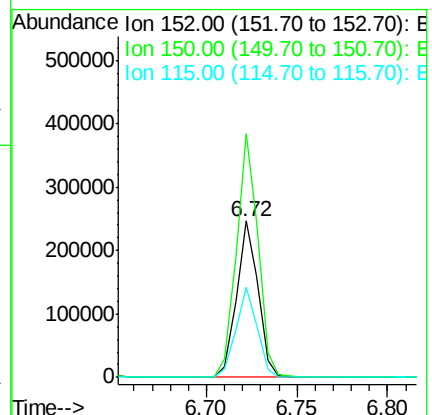
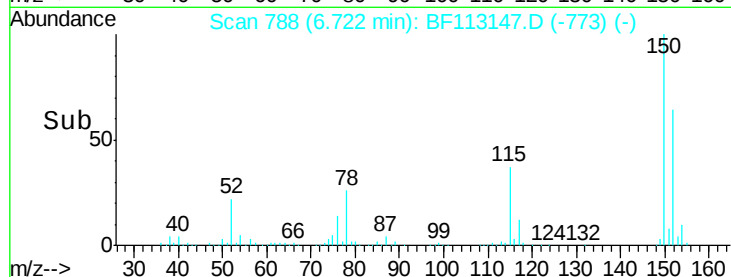
115 57.8 48.2 72.4



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: 88.182 ng

RT: 5.35 min Scan# 554

Delta R.T. -0.00 min

Lab File: BF113147.D

Acq: 20 Mar 2019 2:09

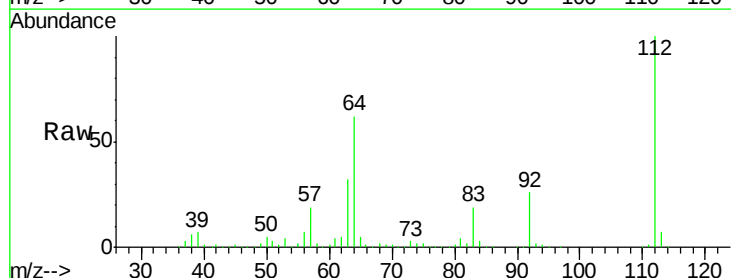
Tgt Ion:112 Resp: 1150287

Ion Ratio Lower Upper

112 100

64 62.0 47.6 71.4

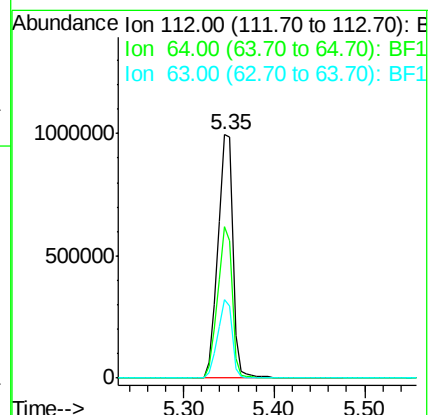
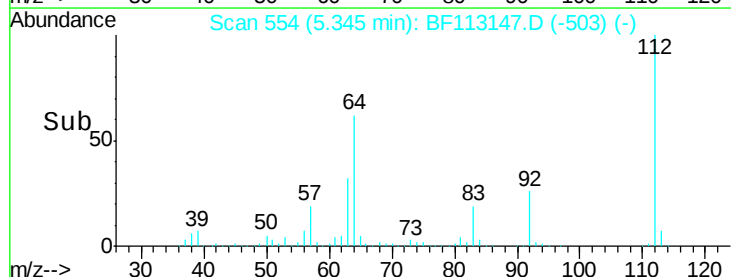
63 32.0 24.4 36.6

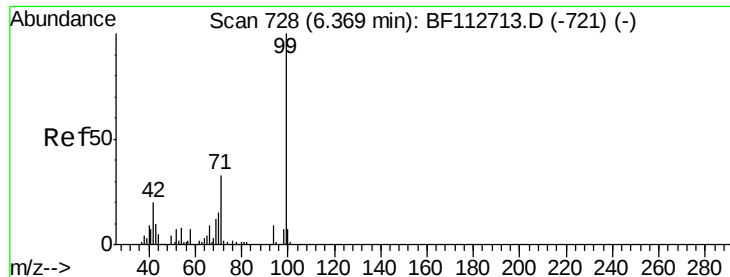


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 94.529 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF113147.D

Acq: 20 Mar 2019 2:09

Instrument :

BNA_F

ClientSampleId :

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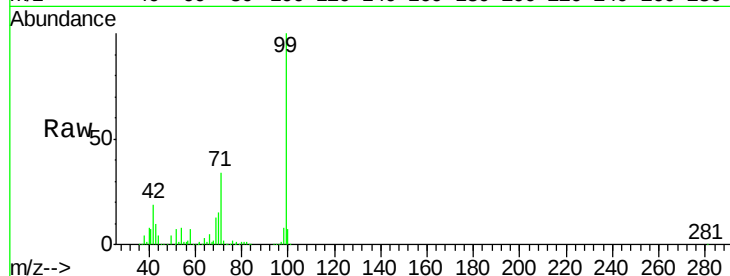
Tgt Ion: 99 Resp: 1548958

Ion Ratio Lower Upper

99 100

42 19.5 16.3 24.5

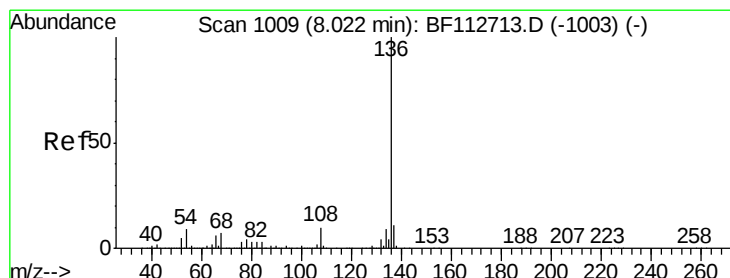
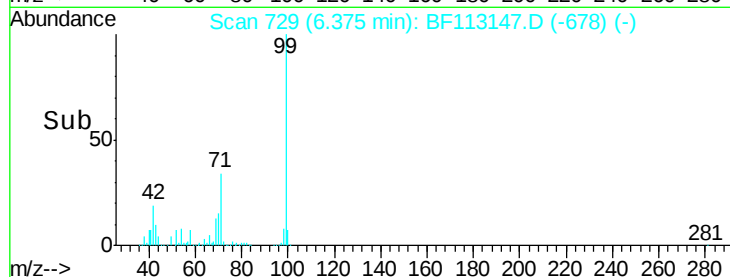
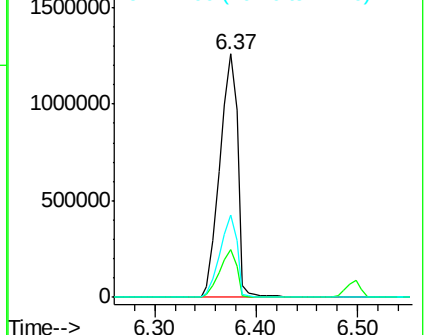
71 33.6 26.2 39.4



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF113147.D

Acq: 20 Mar 2019 2:09

Tgt Ion: 136 Resp: 736766

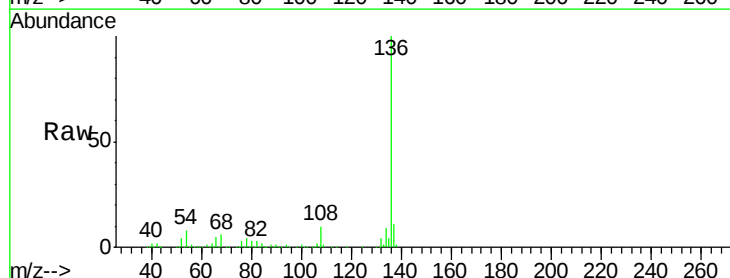
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 8.2 7.3 10.9

68 6.0 5.4 8.2

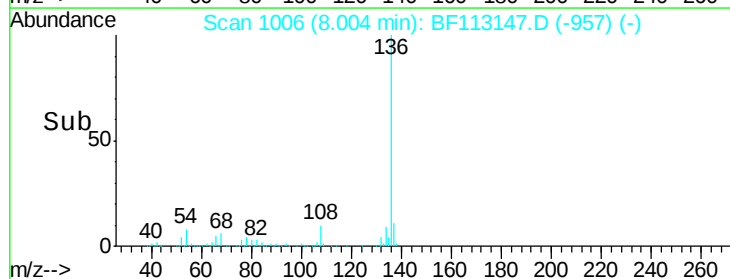
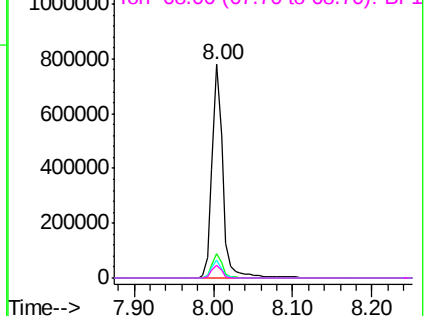


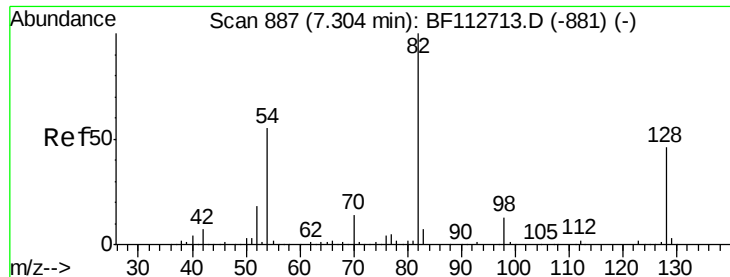
Abundance Ion 136.00 (135.70 to 136.70): E

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

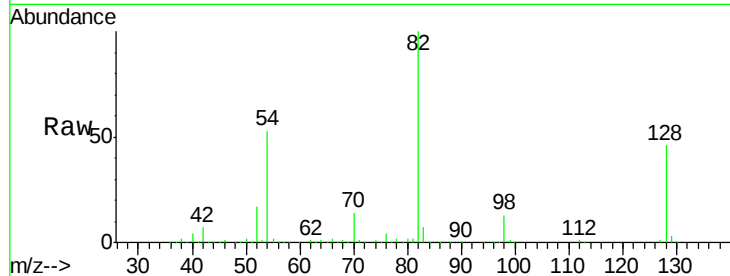




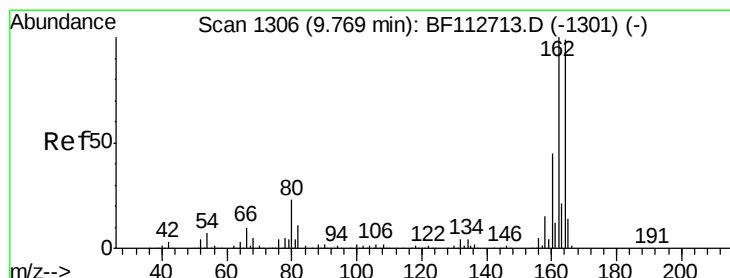
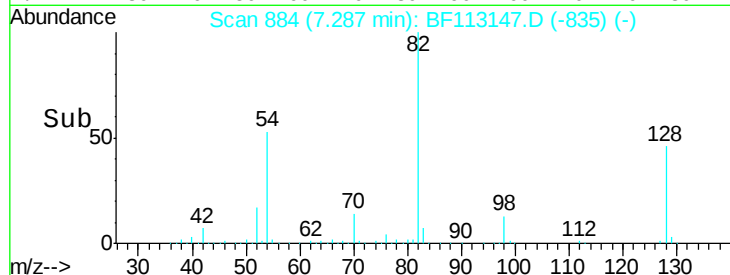
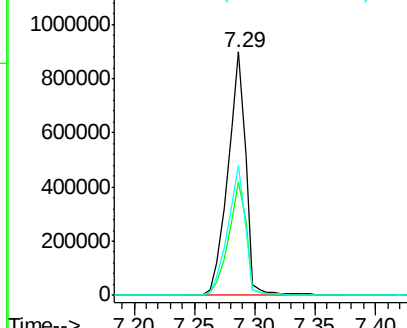
#23
 Nitrobenzene-d5
 Concen: 75.249 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF113147.D
 Acq: 20 Mar 2019 2:09

Instrument :
 BNA_F
 ClientSampled :
 S-4

Tgt Ion: 82 Resp: 926520
 Ion Ratio Lower Upper
 82 100
 128 46.3 36.3 54.5
 54 53.5 43.7 65.5

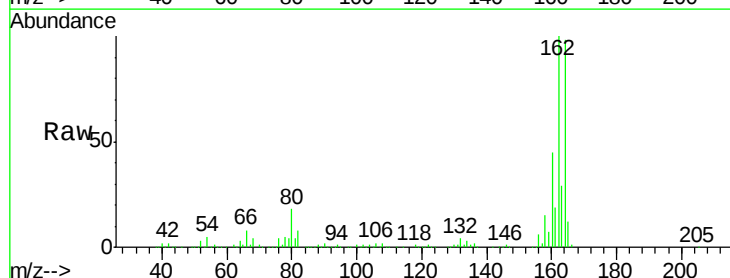


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

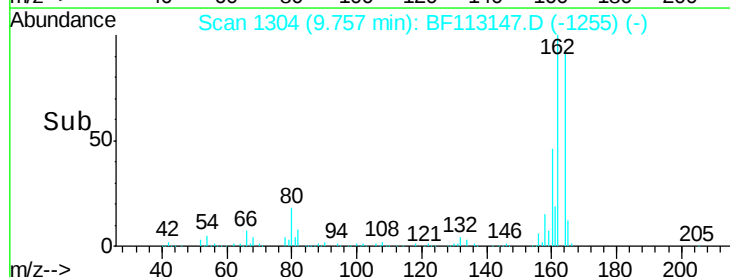
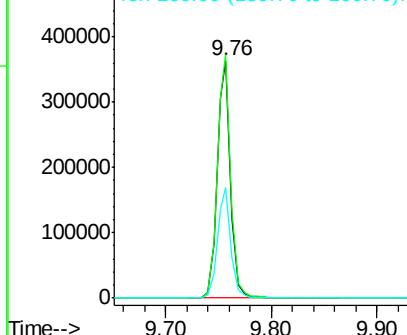


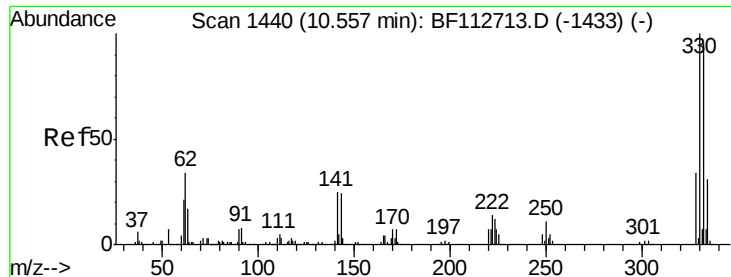
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF113147.D
 Acq: 20 Mar 2019 2:09

Tgt Ion: 164 Resp: 325240
 Ion Ratio Lower Upper
 164 100
 162 102.4 80.6 120.8
 160 46.5 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: 102.284 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF113147.D

Acq: 20 Mar 2019 2:09

Instrument :

BNA_F

ClientSampled :

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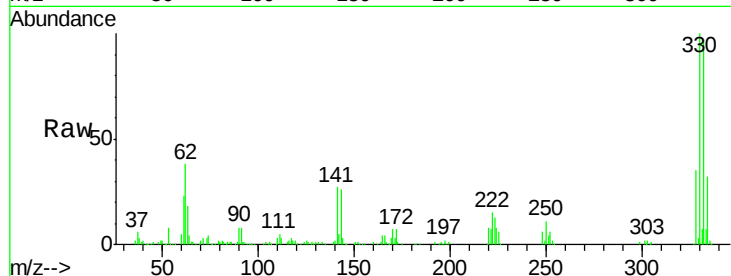
Tgt Ion:330 Resp: 353169

Ion Ratio Lower Upper

330 100

332 96.5 76.2 114.4

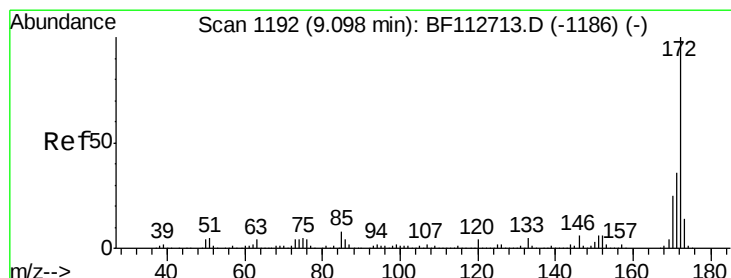
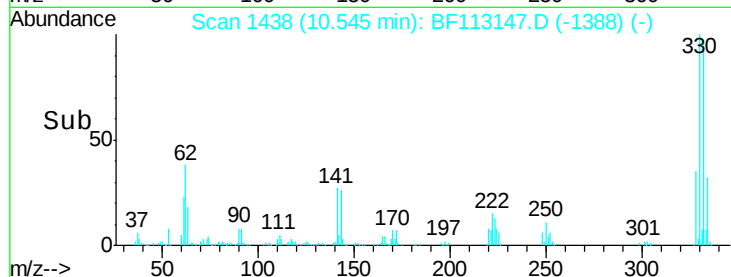
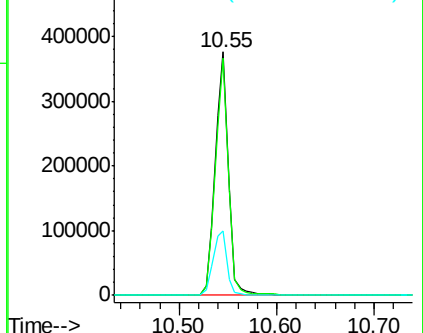
141 28.6 27.0 40.6



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: 73.117 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF113147.D

Acq: 20 Mar 2019 2:09

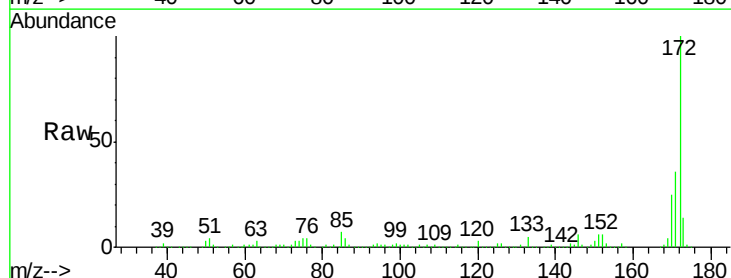
Tgt Ion:172 Resp: 1489238

Ion Ratio Lower Upper

172 100

171 36.4 29.0 43.4

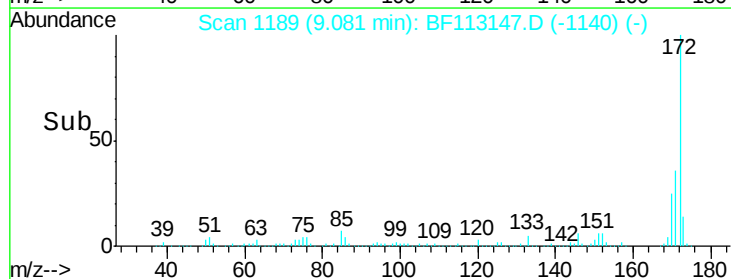
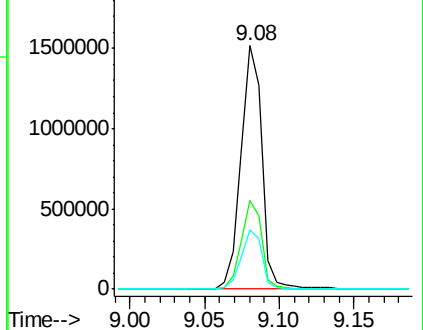
170 24.5 20.0 30.0

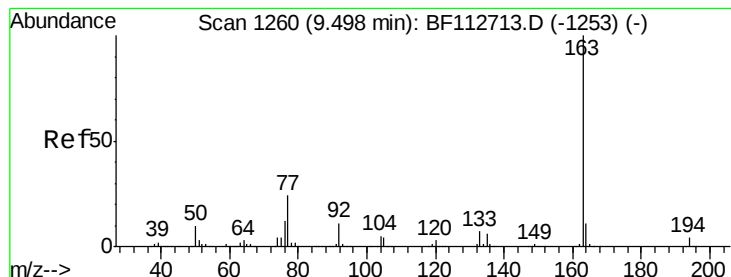


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 8.574 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.02 min

Lab File: BF113147.D

Acq: 20 Mar 2019 2:09

Instrument :

BNA_F

ClientSampleId :

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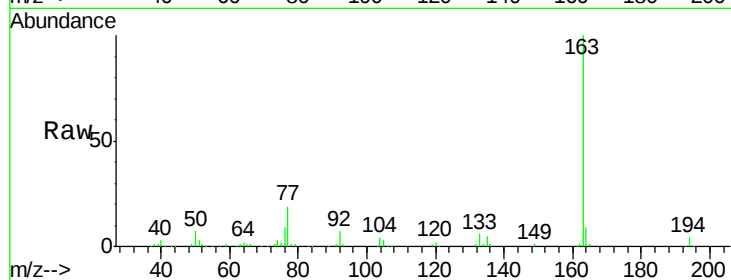
Tgt Ion:163 Resp: 205616

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.4

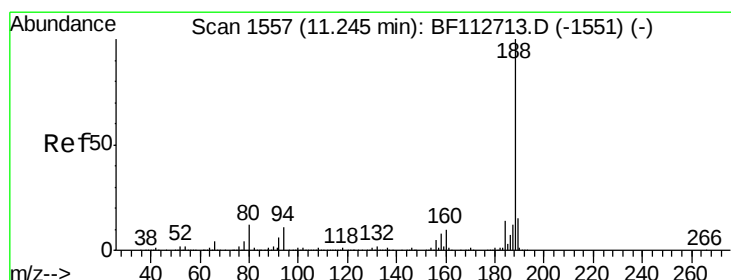
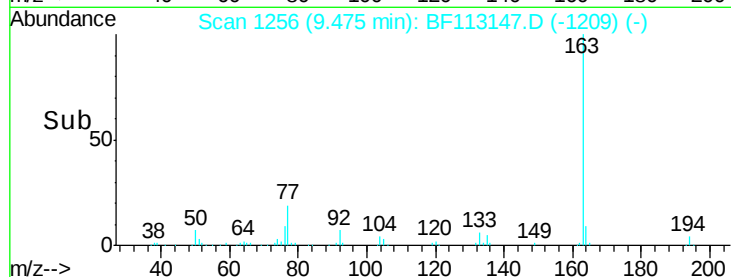
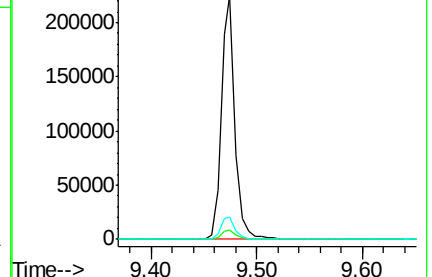
164 9.4 8.4 12.6



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: BF113147.D

Acq: 20 Mar 2019 2:09

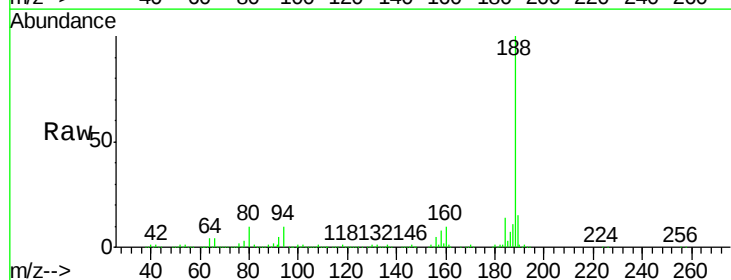
Tgt Ion:188 Resp: 554844

Ion Ratio Lower Upper

188 100

94 9.8 9.0 13.4

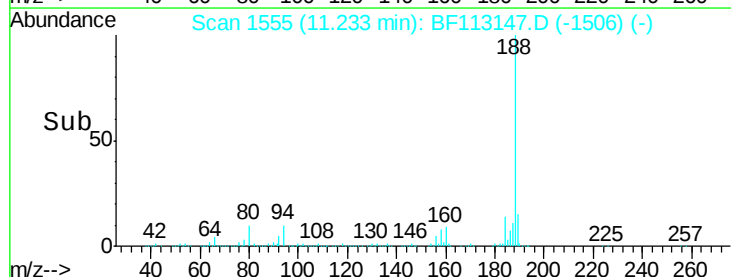
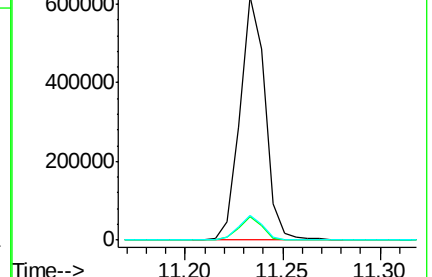
80 10.1 9.2 13.8

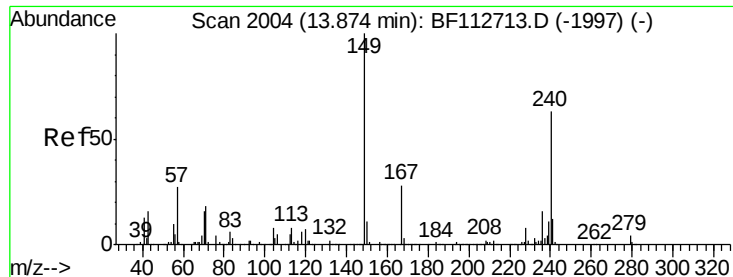


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

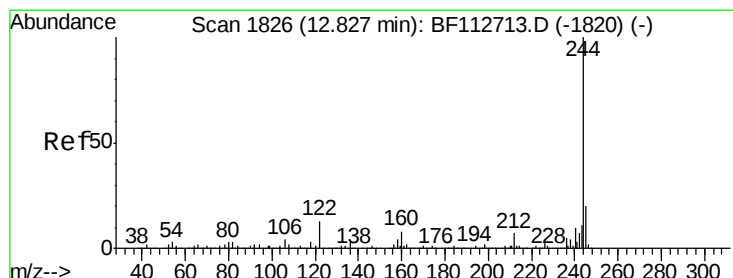
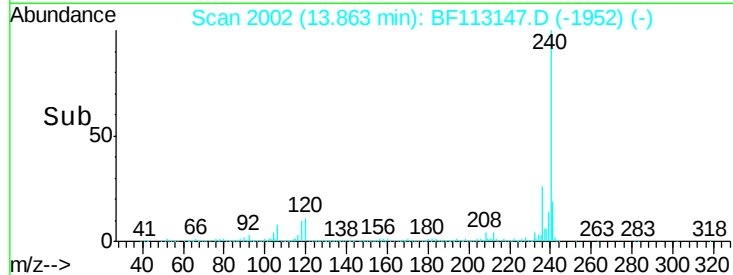
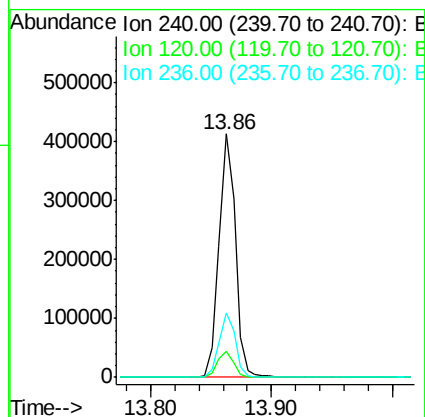
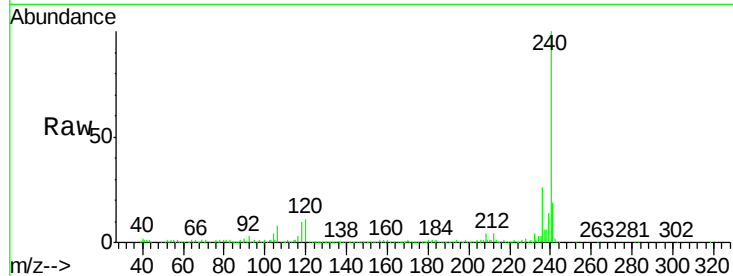




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113147.D
Acq: 20 Mar 2019 2:09

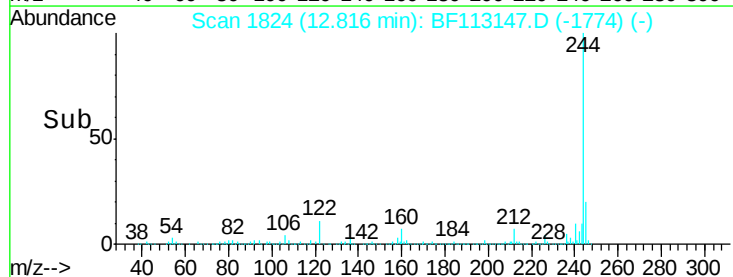
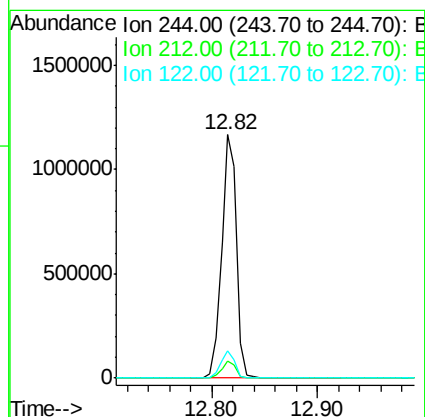
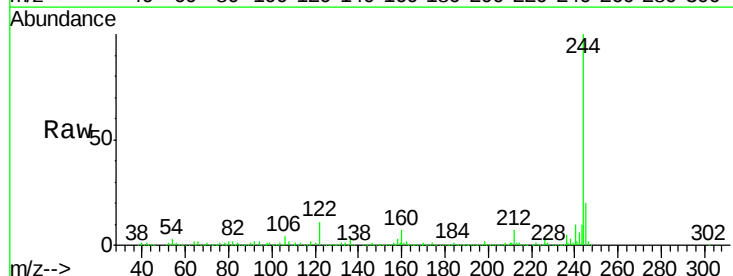
Instrument :
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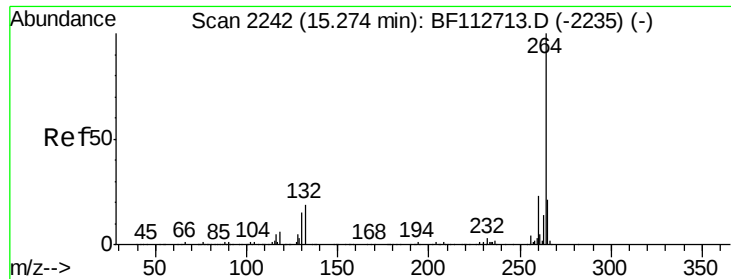
Tgt Ion:240 Resp: 384645
Ion Ratio Lower Upper
240 100
120 10.6 8.9 13.3
236 26.2 20.7 31.1



#79
Terphenyl-d14
Concen: 57.840 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF113147.D
Acq: 20 Mar 2019 2:09

Tgt Ion:244 Resp: 1147688
Ion Ratio Lower Upper
244 100
212 6.8 5.6 8.4
122 11.4 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: BF113147.D
Acq: 20 Mar 2019 2:09

Instrument :
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Tgt Ion: 264 Resp: 365541
Ion Ratio Lower Upper
264 100
260 22.9 18.7 28.1
265 21.3 17.2 25.8

