

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
 Data File : BF113600.D
 Acq On : 4 Apr 2019 23:29
 Operator : JU/SJ
 Sample : K2232-01RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RICH-REC-ROAD-STONE-12RE

Quant Time: Apr 05 05:34:43 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

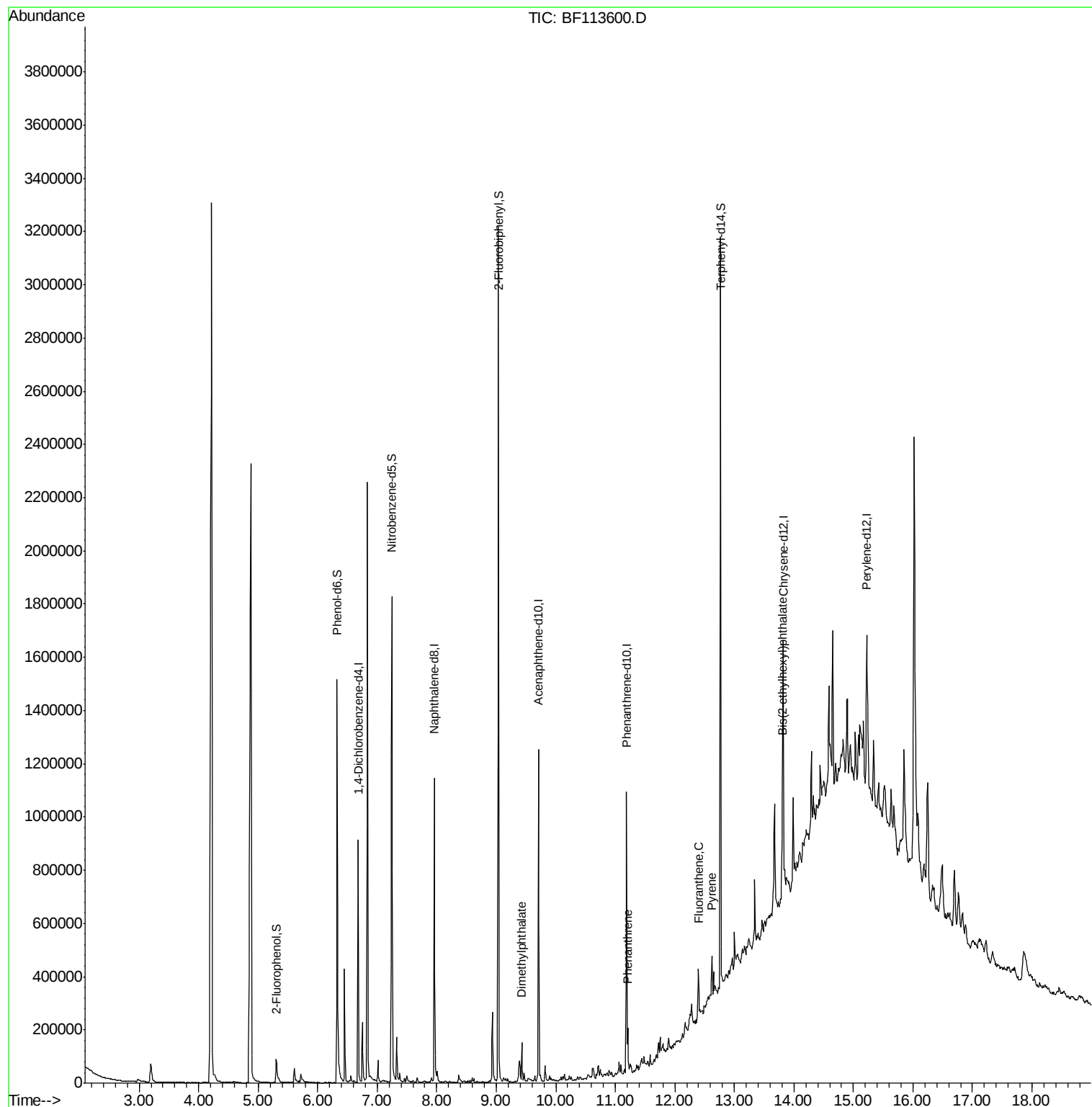
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	142284	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	524028	20.00	ng	0.00
39) Acenaphthene-d10	9.71	164	234764	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	400235	20.00	ng	-0.02
76) Chrysene-d12	13.82	240	347810	20.00	ng	-0.02
87) Perylene-d12	15.23	264	258795	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	46148	5.53	ng	0.00
7) Phenol-d6	6.33	99	588314	57.21	ng	-0.01
23) Nitrobenzene-d5	7.25	82	571315	63.86	ng	-0.01
42) 2,4,6-Tribromophenol	10.51	330	113	0.04	ng	0.00
45) 2-Fluorobiphenyl	9.04	172	1094761	75.07	ng	-0.01
79) Terphenyl-d14	12.77	244	978545	57.28	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.43	163	62253	3.597	ng	Qvalue 97
71) Phenanthrene	11.21	178	60263	3.030	ng	99
75) Fluoranthene	12.40	202	78373	3.678	ng	99
78) Pyrene	12.62	202	66791	2.524	ng	97
84) Bis(2-ethylhexyl)phthalate	13.80	149	83106	6.381	ng	# 97

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

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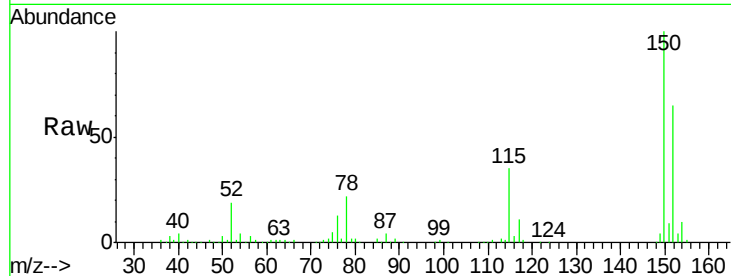


#1

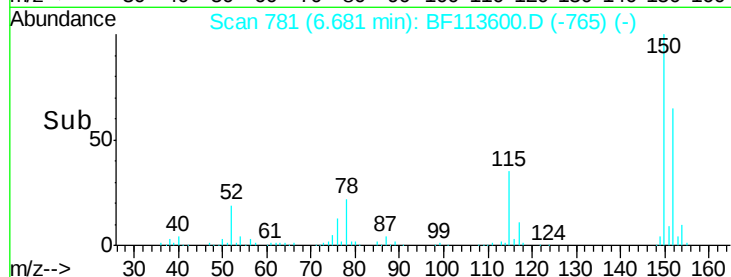
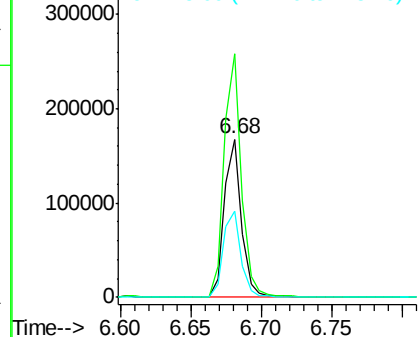
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF113600.D
Acq: 4 Apr 2019 23:29

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:152 Resp: 142284
Ion Ratio Lower Upper
152 100
150 154.2 124.7 187.1
115 54.4 46.0 69.0



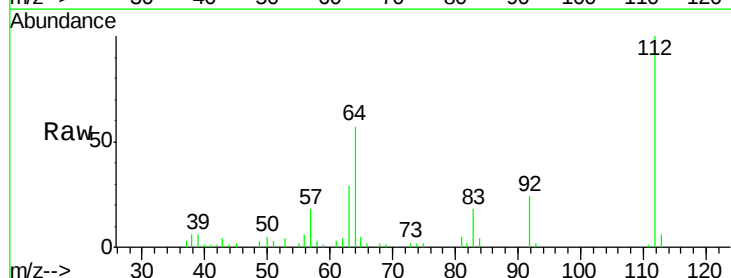
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



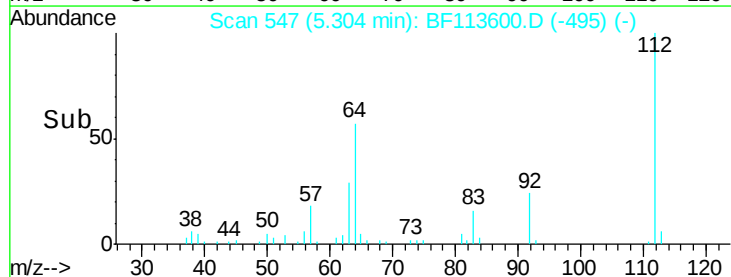
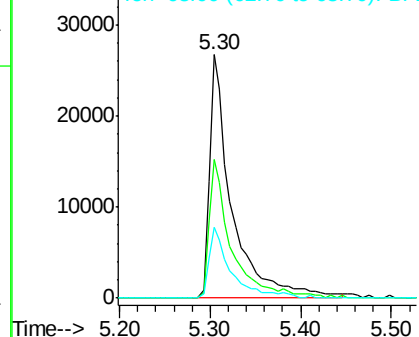
#5

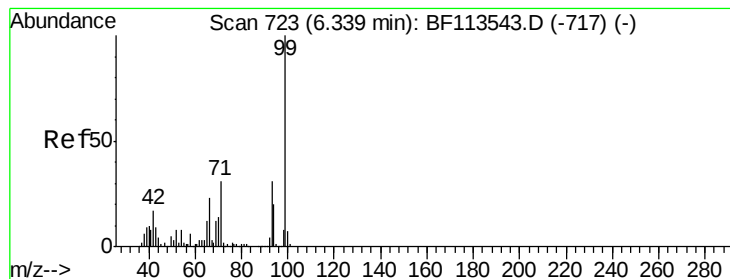
2-Fluorophenol
Concen: 5.531 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF113600.D
Acq: 4 Apr 2019 23:29

Tgt Ion:112 Resp: 46148
Ion Ratio Lower Upper
112 100
64 57.0 49.2 73.8
63 29.2 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: 57.207 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF113600.D

Acq: 4 Apr 2019 23:29

Instrument :

BNA_F

ClientSampleId :

RICH-REC-ROAD-STONE-12RE

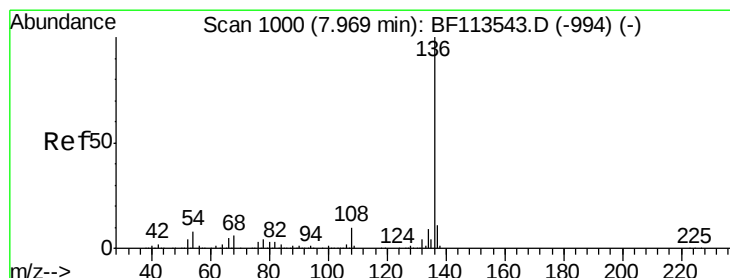
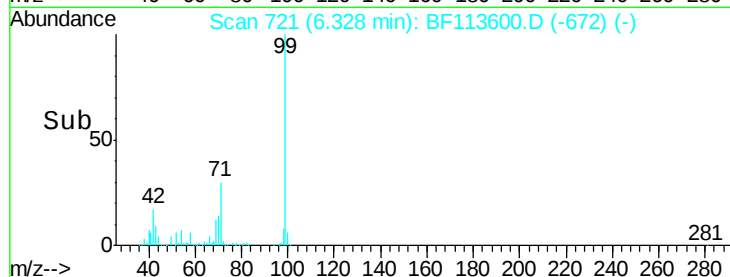
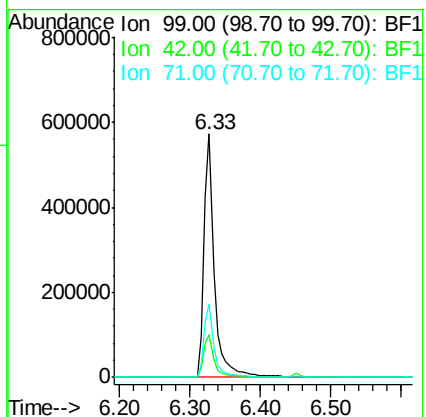
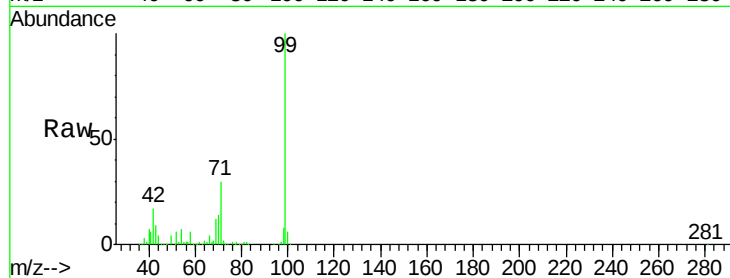
Tgt Ion: 99 Resp: 588314

Ion Ratio Lower Upper

99 100

42 17.4 14.8 22.2

71 29.9 24.9 37.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF113600.D

Acq: 4 Apr 2019 23:29

Tgt Ion: 136 Resp: 524028

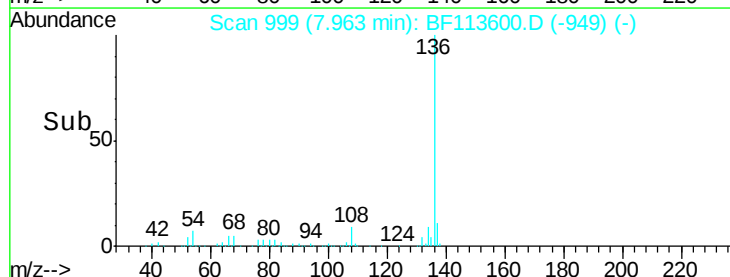
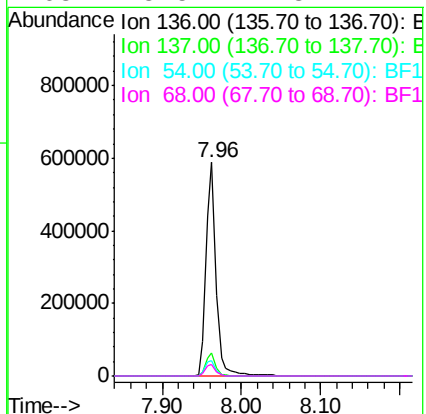
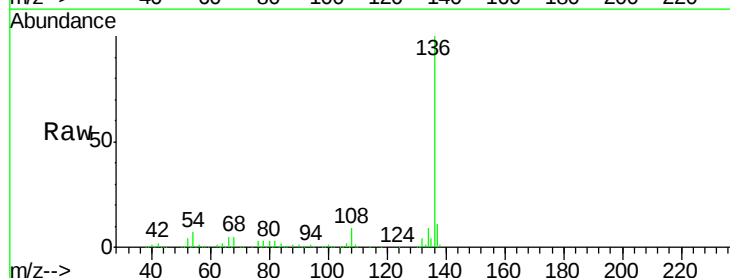
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.5 7.0 10.6

68 5.5 4.8 7.2

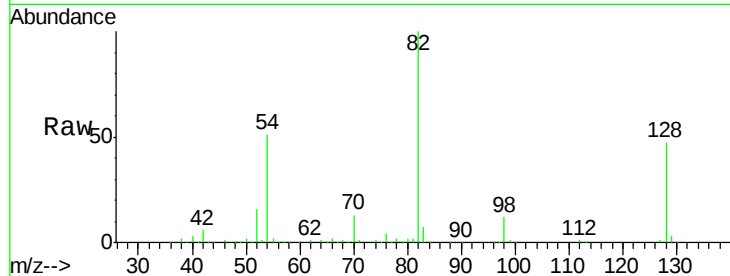




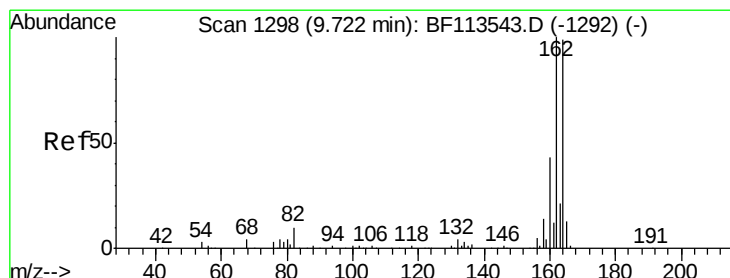
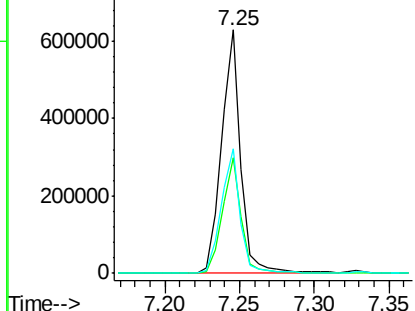
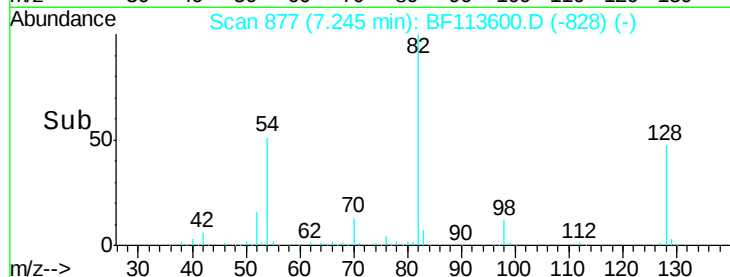
#23
Nitrobenzene-d5
Concen: 63.861 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF113600.D
Acq: 4 Apr 2019 23:29

Instrument :
BNA_F
ClientSampleId :
RICH-REC-ROAD-STONE-12RE

Tgt Ion: 82 Resp: 571315
Ion Ratio Lower Upper
82 100
128 47.2 36.5 54.7
54 51.2 42.2 63.2

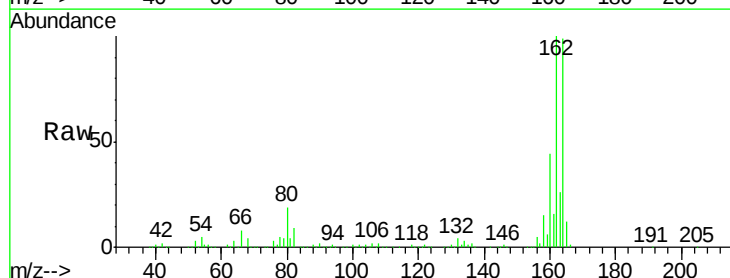


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

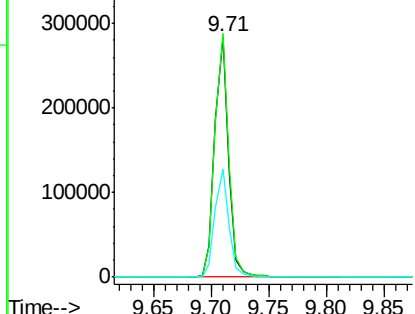
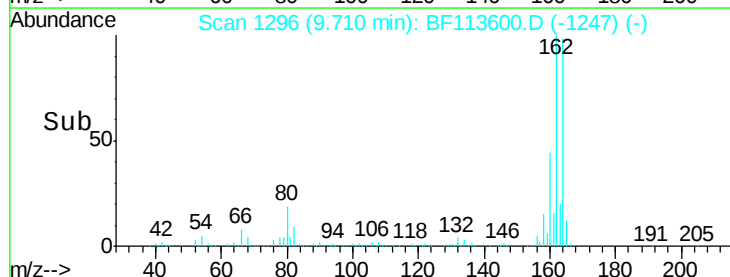


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF113600.D
Acq: 4 Apr 2019 23:29

Tgt Ion: 164 Resp: 234764
Ion Ratio Lower Upper
164 100
162 101.5 81.8 122.6
160 44.8 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

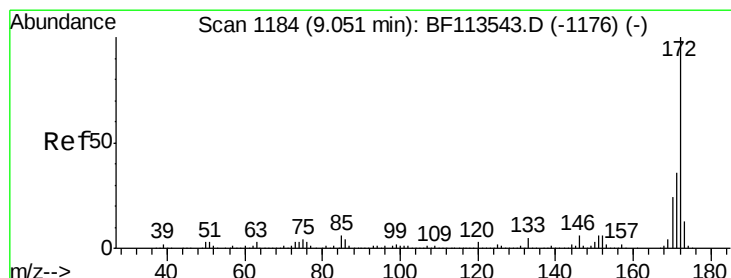
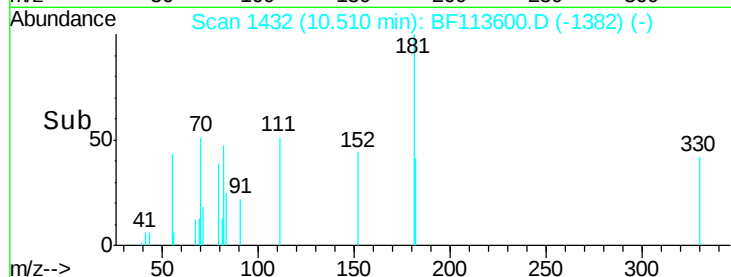
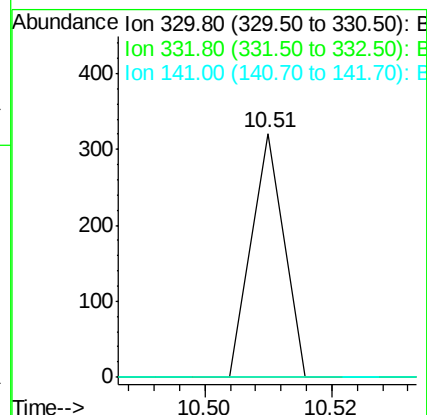
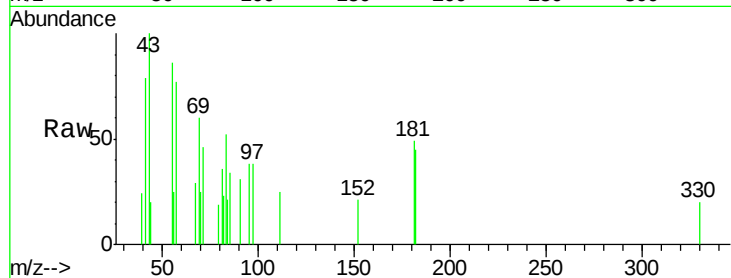




#42
 2,4,6-Tribromophenol
 Concen: 0.040 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF113600.D
 Acq: 4 Apr 2019 23:29

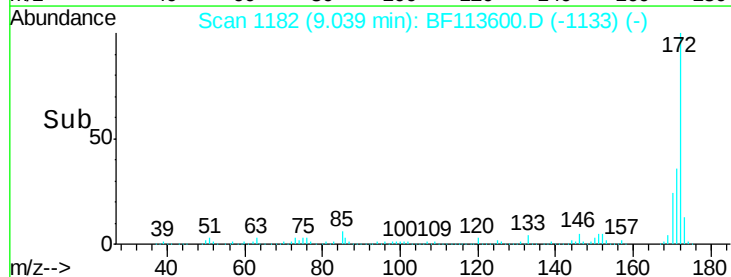
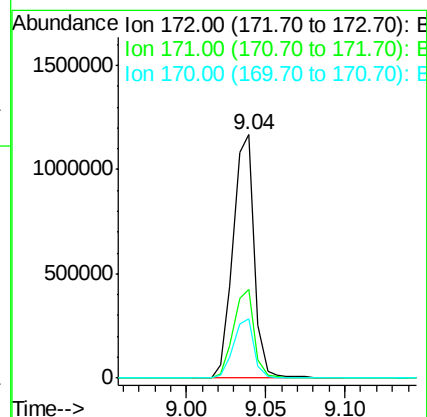
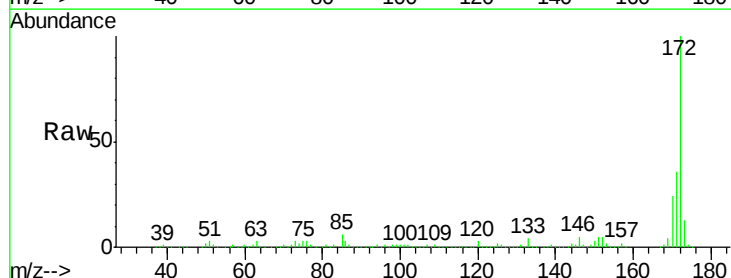
Instrument :
 BNA_F
 ClientSampleId :
 RICH-REC-ROAD-STONE-12RE

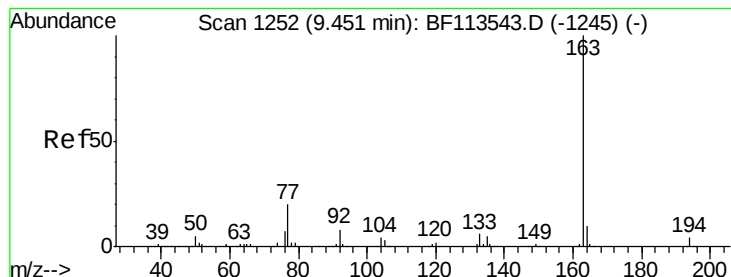
Tgt Ion:330 Resp: 113
 Ion Ratio Lower Upper
 330 100
 332 0.0 77.8 116.6#
 141 0.0 22.7 34.1#



#45
 2-Fluorobiphenyl
 Concen: 75.073 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF113600.D
 Acq: 4 Apr 2019 23:29

Tgt Ion:172 Resp: 1094761
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.0 43.6
 170 24.2 19.5 29.3





#50

Dimethylphthalate

Concen: 3.597 ng

RT: 9.43 min Scan# 1248

Delta R.T. -0.02 min

Lab File: BF113600.D

Acq: 4 Apr 2019 23:29

Instrument :

BNA_F

ClientSampleId :

RICH-REC-ROAD-STONE-12RE

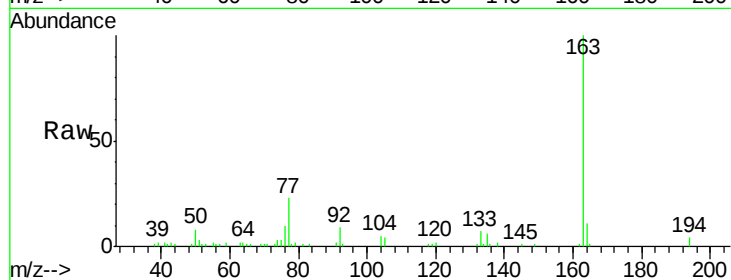
Tgt Ion:163 Resp: 62253

Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.6

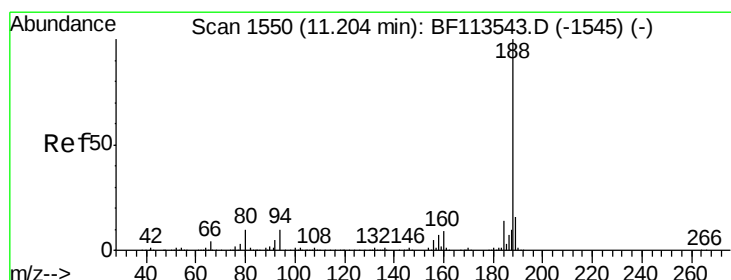
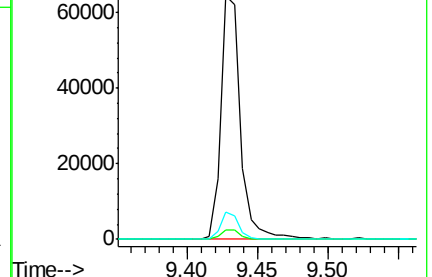
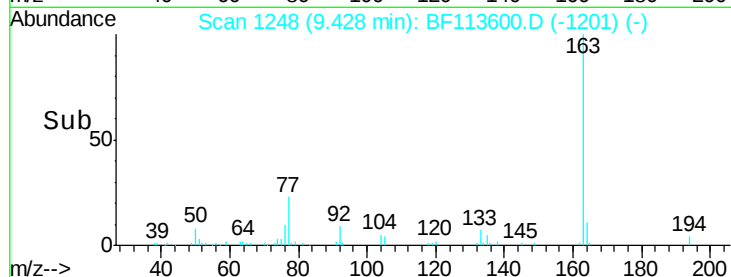
164 11.5 8.1 12.1



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: 11.19 min Scan# 1547

Delta R.T. -0.02 min

Lab File: BF113600.D

Acq: 4 Apr 2019 23:29

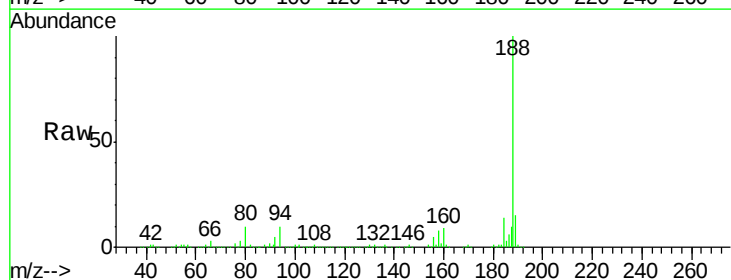
Tgt Ion:188 Resp: 400235

Ion Ratio Lower Upper

188 100

94 9.8 7.0 10.6

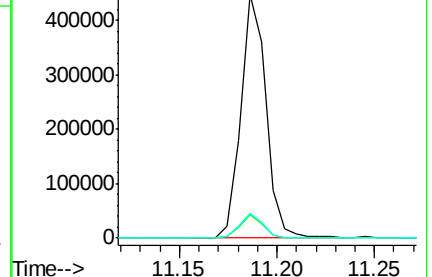
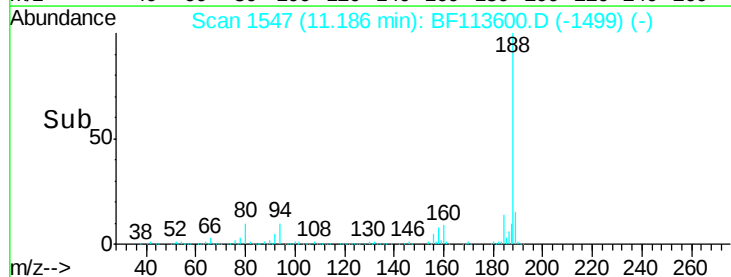
80 10.1 7.7 11.5

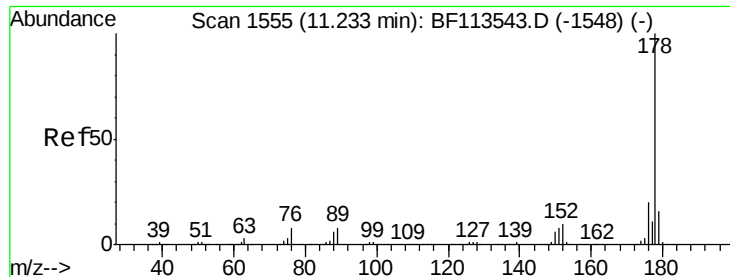


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

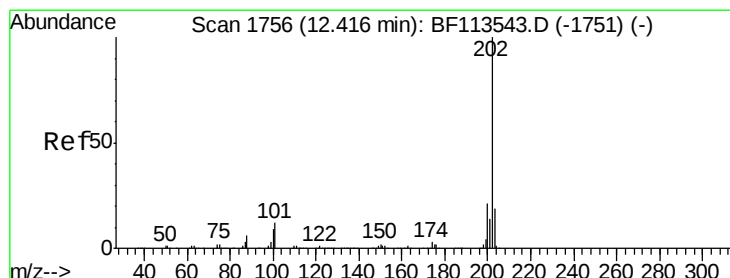
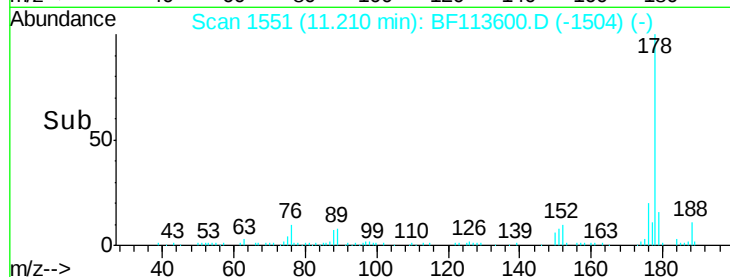
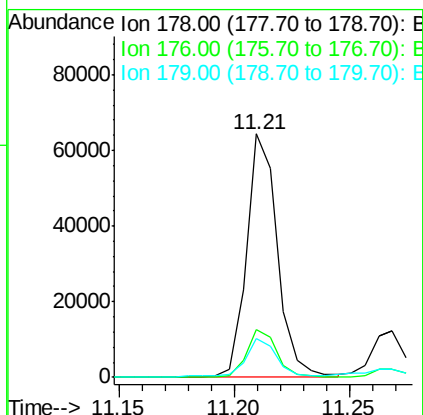
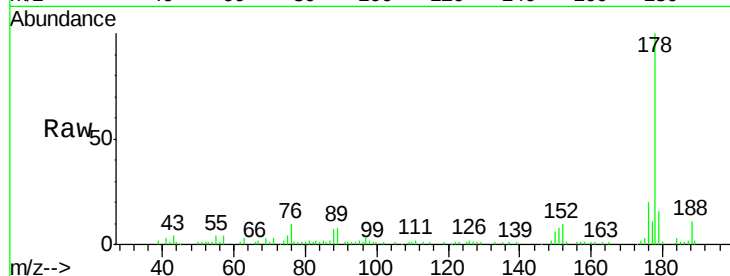




#71
Phenanthrene
Concen: 3.030 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.02 min
Lab File: BF113600.D
Acq: 4 Apr 2019 23:29

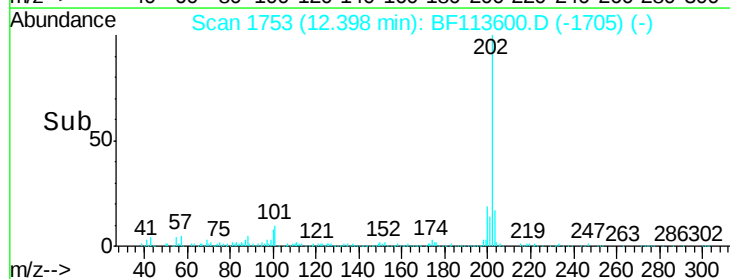
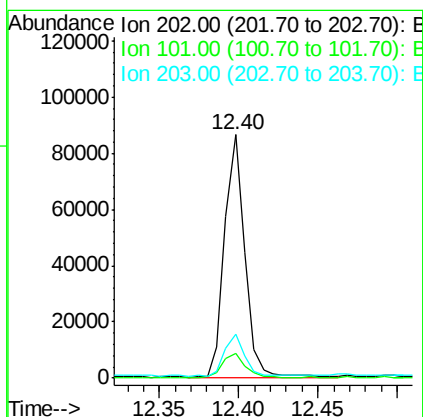
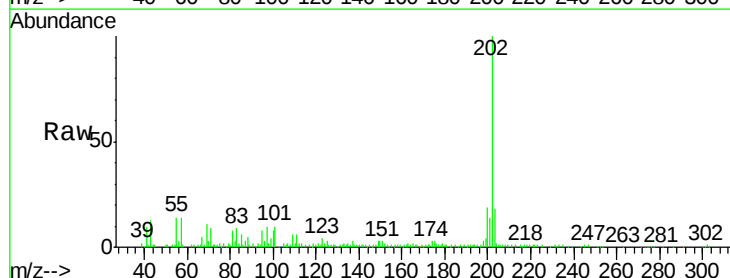
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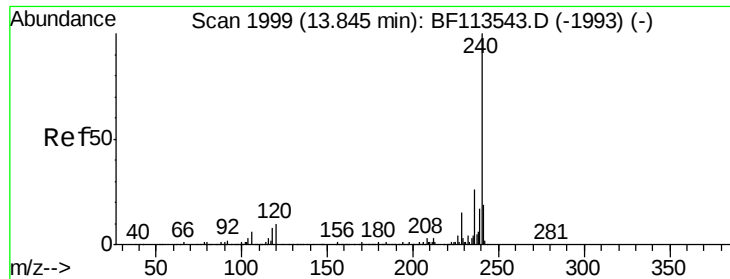
Tgt Ion:178 Resp: 60263
Ion Ratio Lower Upper
178 100
176 19.7 16.2 24.2
179 16.0 12.7 19.1



#75
Fluoranthene
Concen: 3.678 ng
RT: 12.40 min Scan# 1753
Delta R.T. -0.02 min
Lab File: BF113600.D
Acq: 4 Apr 2019 23:29

Tgt Ion:202 Resp: 78373
Ion Ratio Lower Upper
202 100
101 10.3 0.0 31.4
203 17.9 0.0 38.0

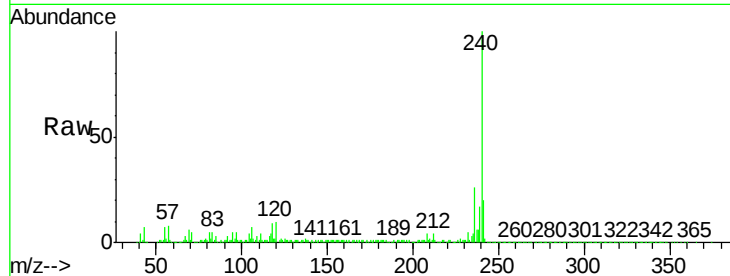




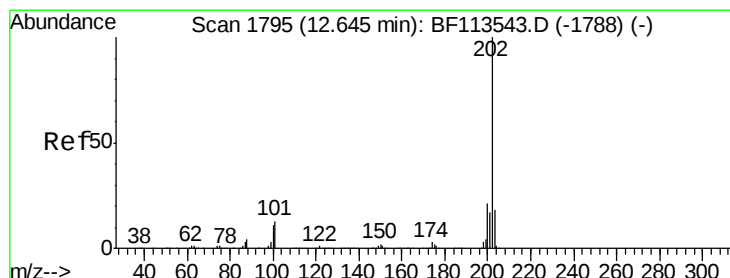
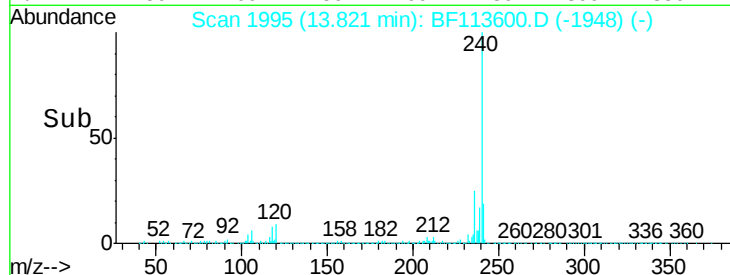
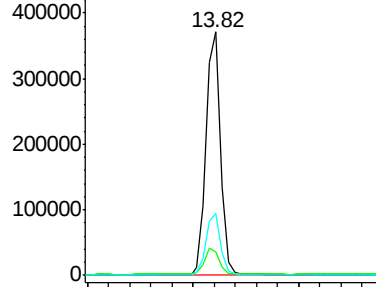
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF113600.D
Acq: 4 Apr 2019 23:29

Instrument :
BNA_F
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Tgt Ion:240 Resp: 347810
Ion Ratio Lower Upper
240 100
120 9.8 8.8 13.2
236 25.6 20.9 31.3

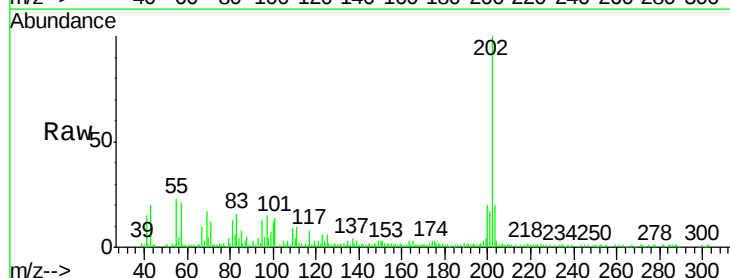


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

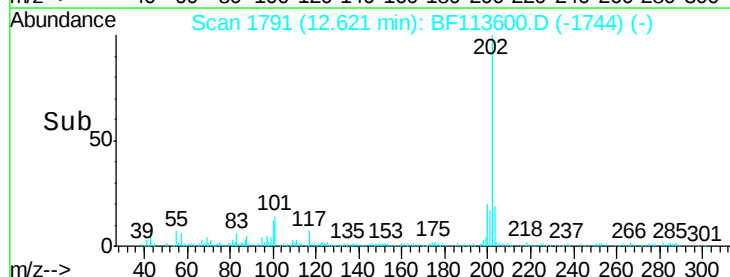
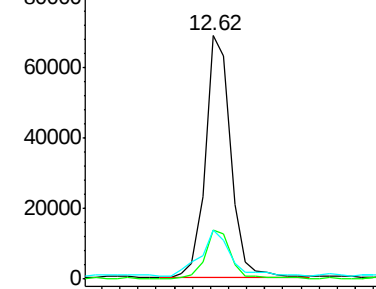


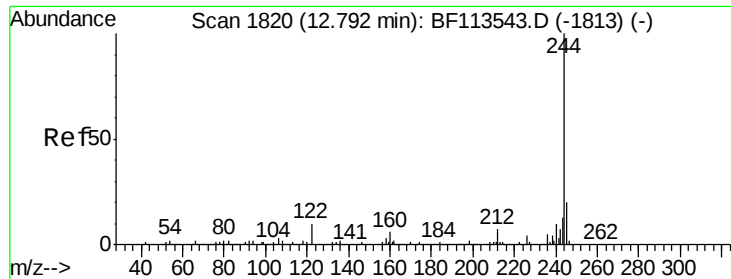
#78
Pyrene
Concen: 2.524 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.02 min
Lab File: BF113600.D
Acq: 4 Apr 2019 23:29

Tgt Ion:202 Resp: 66791
Ion Ratio Lower Upper
202 100
200 20.1 16.8 25.2
203 20.2 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 57.282 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.02 min

Lab File: BF113600.D

Acq: 4 Apr 2019 23:29

Instrument :

BNA_F

ClientSampleId :

RICH-REC-ROAD-STONE-12RE

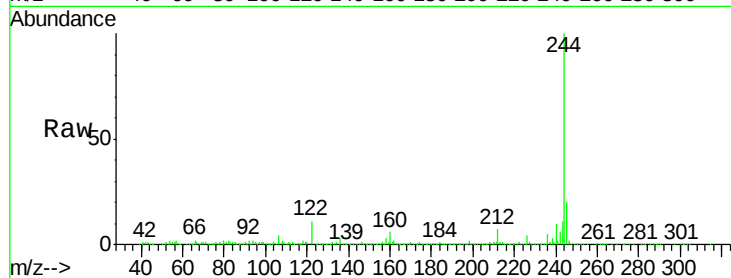
Tgt Ion:244 Resp: 978545

Ion Ratio Lower Upper

244 100

212 6.5 5.5 8.3

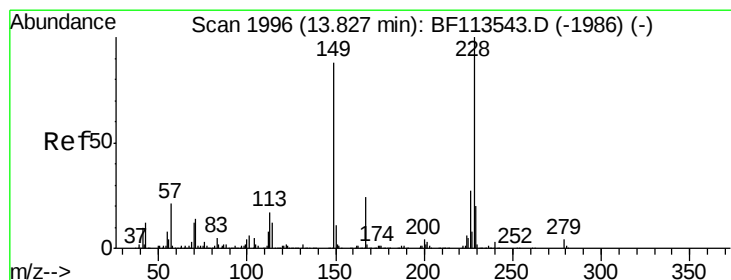
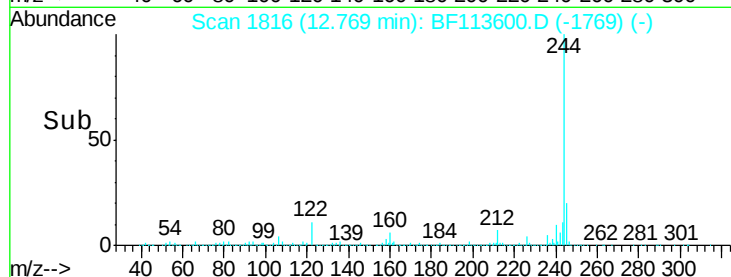
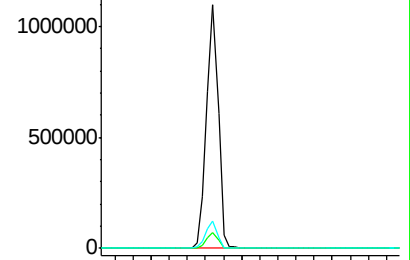
122 11.0 8.6 13.0



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 6.381 ng

RT: 13.80 min Scan# 1992

Delta R.T. -0.02 min

Lab File: BF113600.D

Acq: 4 Apr 2019 23:29

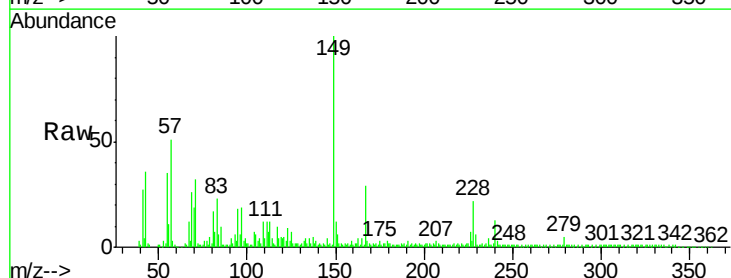
Tgt Ion:149 Resp: 83106

Ion Ratio Lower Upper

149 100

167 28.6 21.8 32.8

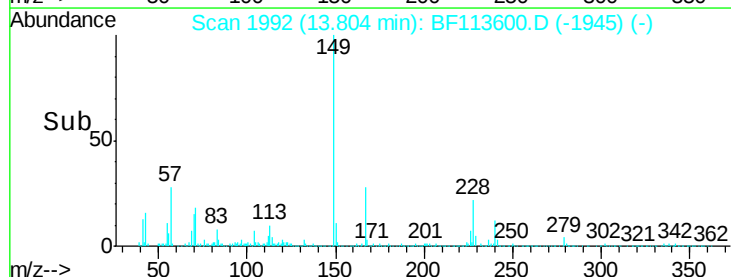
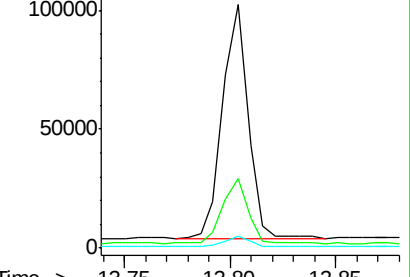
279 5.0 2.9 4.3#

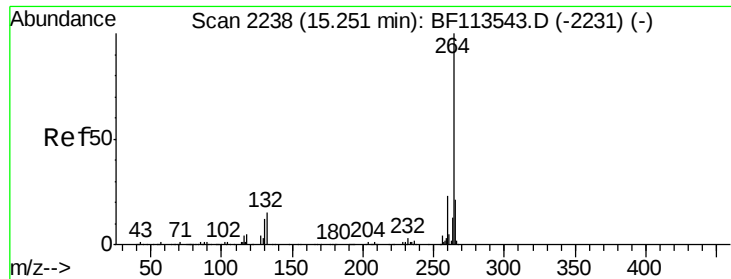


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

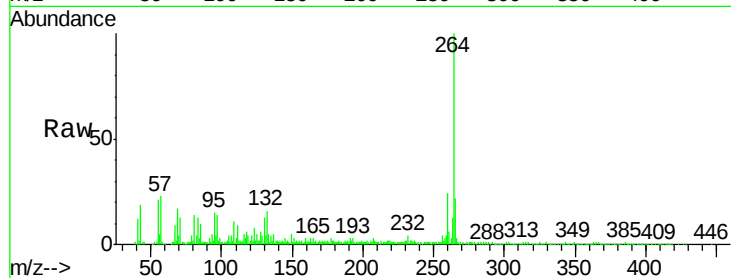




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.02 min
Lab File: BF113600.D
Acq: 4 Apr 2019 23:29

Instrument :
BNA_F
ClientSampleId :
RICH-REC-ROAD-STONE-12RE

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.1	28.7
265	21.6	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

