

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\
 Data File : BF111964.D
 Acq On : 9 Jan 2019 21:59
 Operator : JU/SJ
 Sample : K1044-06RE
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 10 01:54:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

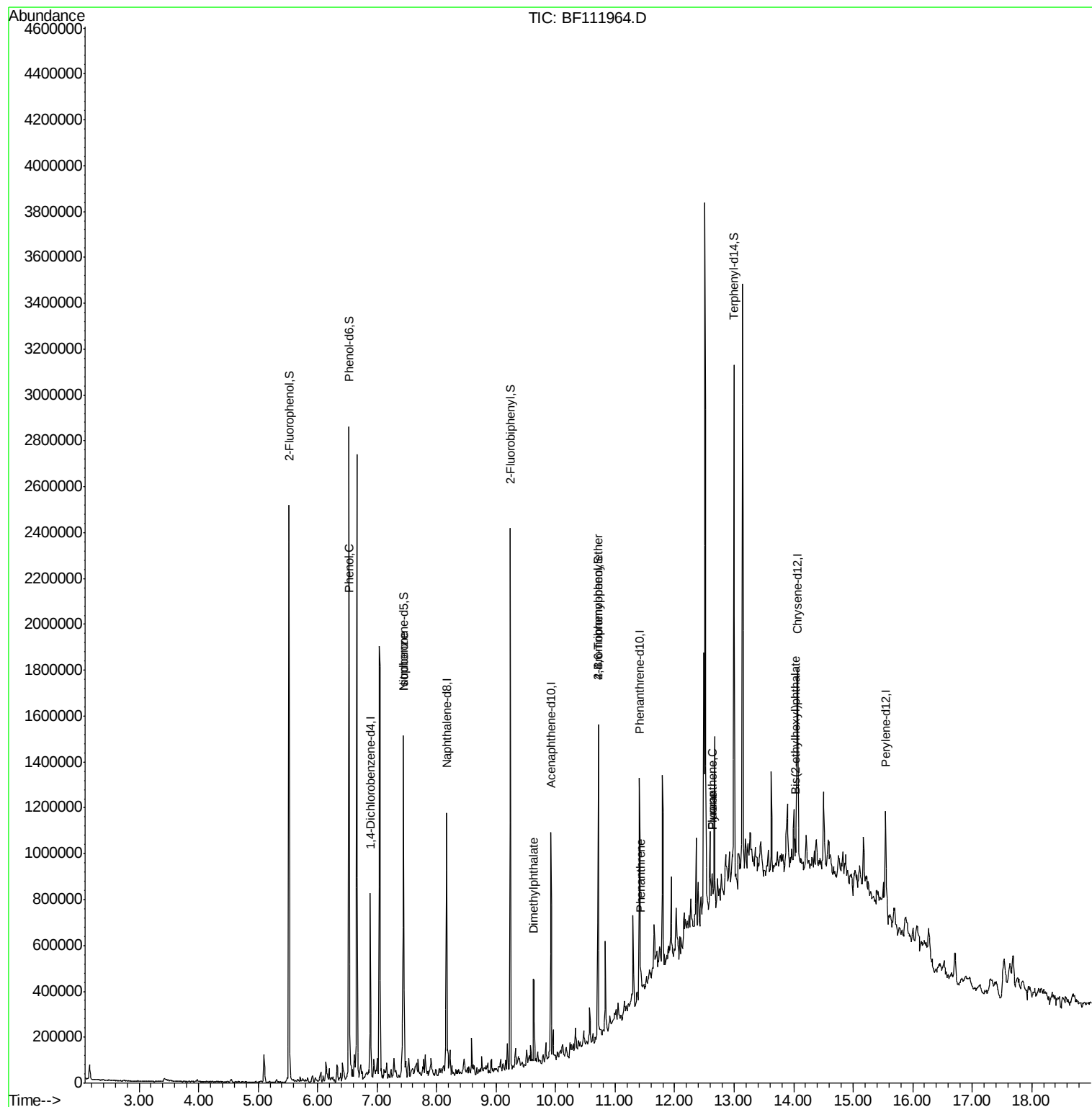
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	111616	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	466502	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	176590	20.00	ng	-0.01
64) Phenanthrene-d10	11.41	188	314682	20.00	ng	0.00
76) Chrysene-d12	14.06	240	223889	20.00	ng	0.00
87) Perylene-d12	15.54	264	196974	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	685236	105.03	ng	0.00
7) Phenol-d6	6.53	99	903302	107.42	ng	0.00
23) Nitrobenzene-d5	7.45	82	469213	53.76	ng	-0.01
42) 2,4,6-Tribromophenol	10.72	330	178408	77.67	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	681114	56.24	ng	-0.01
79) Terphenyl-d14	13.00	244	705167	59.79	ng	0.00
Target Compounds						
9) Benzaldehyde	6.43	77	2848	Below Cal		Qvalue # 80
10) Phenol	6.54	94	56337	6.164	ng	# 76
25) Isophorone	7.45	82	464014	32.829	ng	# 65
50) Dimethylphthalate	9.63	163	123651	9.321	ng	# 99
67) 4-Bromophenyl-phenylether	10.72	248	10996	2.698	ng	# 1
71) Phenanthrene	11.43	178	48173	2.863	ng	# 95
75) Fluoranthene	12.63	202	47104	2.727	ng	# 95
78) Pyrene	12.63	202	47104	3.058	ng	# 98
84) Bis(2-ethylhexyl)phthalate	14.03	149	29044	3.396	ng	# 85

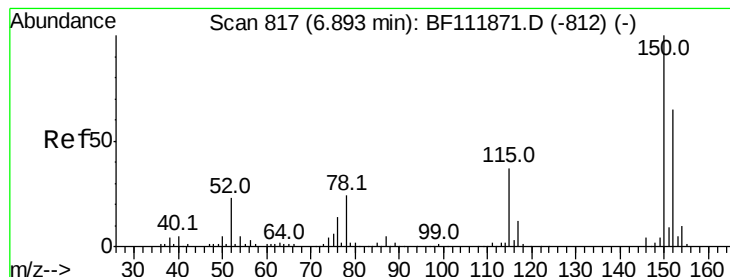
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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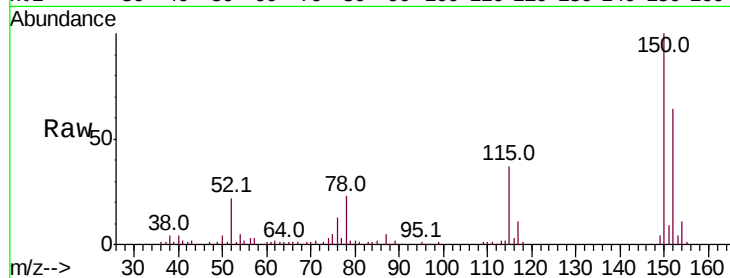


#1

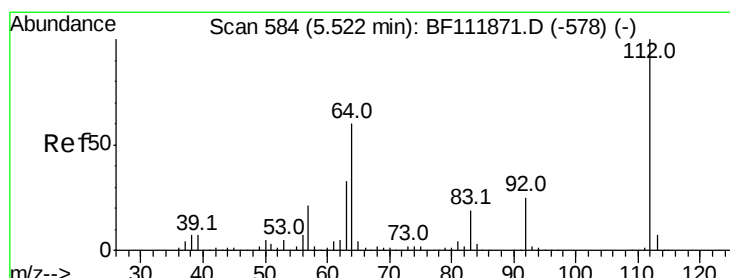
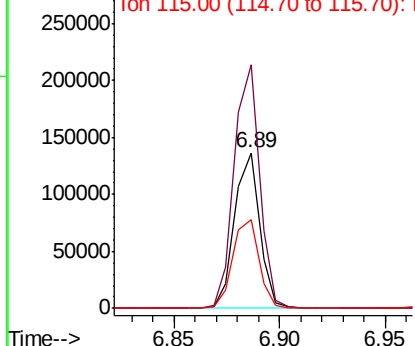
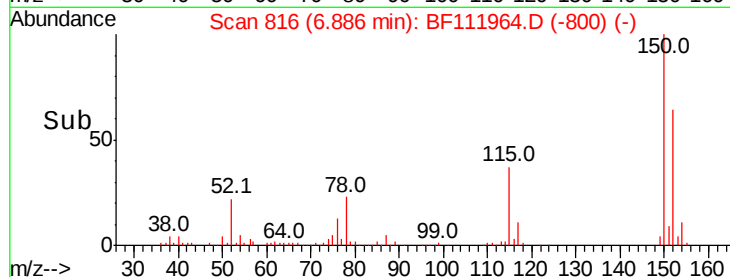
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF111964.D
Acq: 9 Jan 2019 21:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 111616
Ion Ratio Lower Upper
152 100
150 156.5 122.7 184.1
115 57.4 45.2 67.8



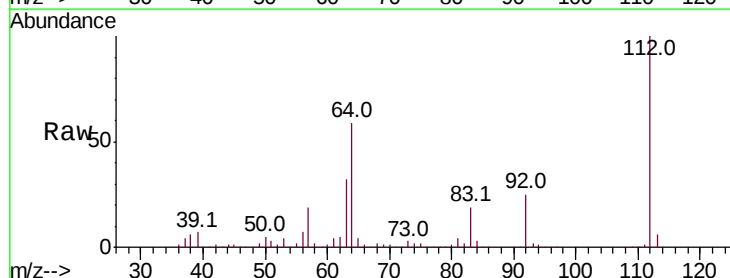
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



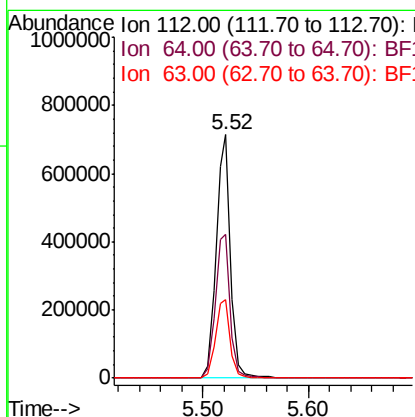
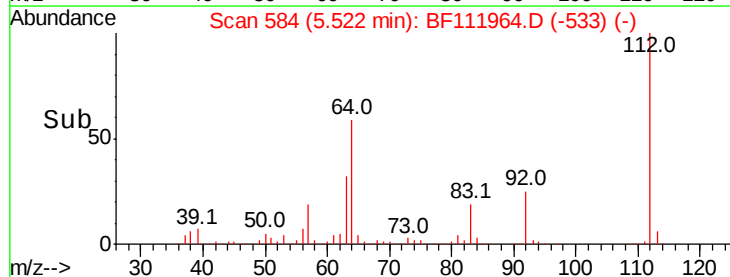
#5

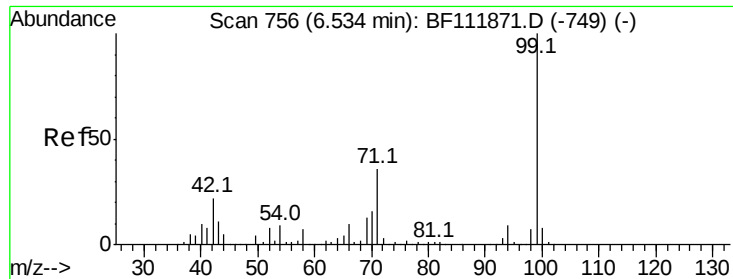
2-Fluorophenol
Concen: 105.031 ng
RT: 5.52 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF111964.D
Acq: 9 Jan 2019 21:59

Tgt Ion:112 Resp: 685236
Ion Ratio Lower Upper
112 100
64 58.8 48.3 72.5
63 32.1 26.1 39.1



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: 107.423 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF111964.D

Acq: 9 Jan 2019 21:59

Instrument :

BNA_F

ClientSampleId :

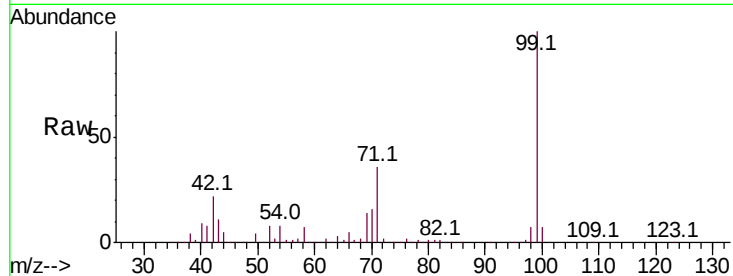
Tot Ion: 99 Resp: 903302

Ion Ratio Lower Upper

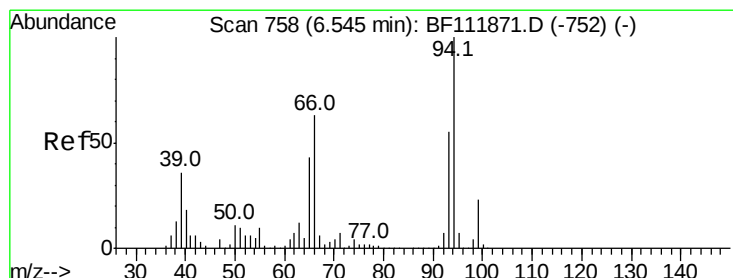
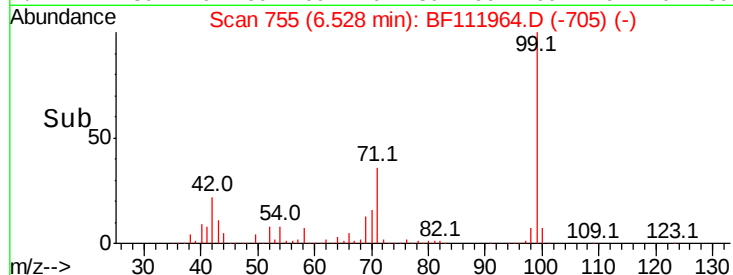
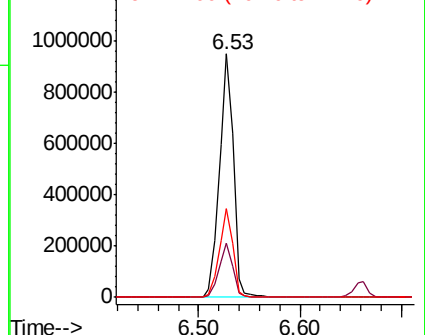
99 100

42 22.4 17.9 26.9

71 36.4 28.7 43.1



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: 6.164 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF111964.D

Acq: 9 Jan 2019 21:59

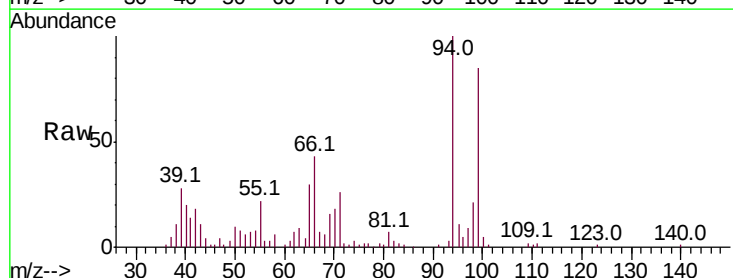
Tgt Ion: 94 Resp: 56337

Ion Ratio Lower Upper

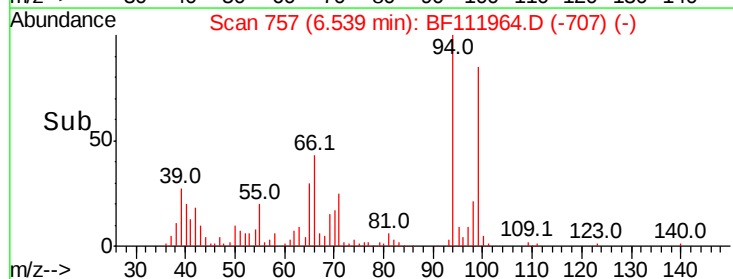
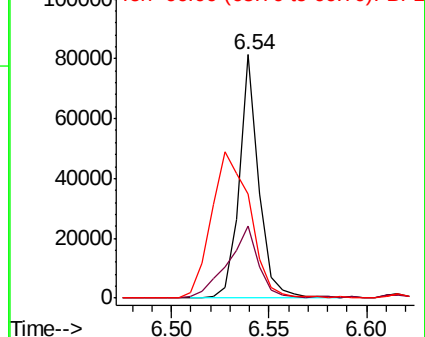
94 100

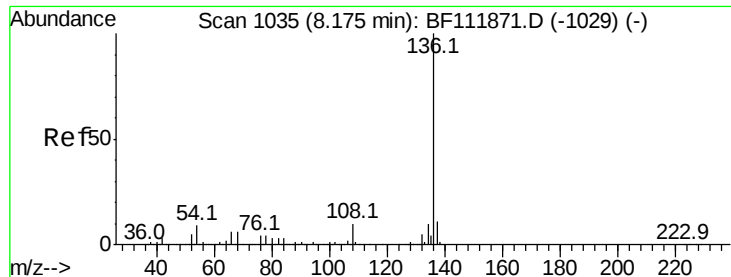
65 29.9 22.8 62.8

66 42.9 43.3 83.3#



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: 8.17 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF111964.D

Acq: 9 Jan 2019 21:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 466502

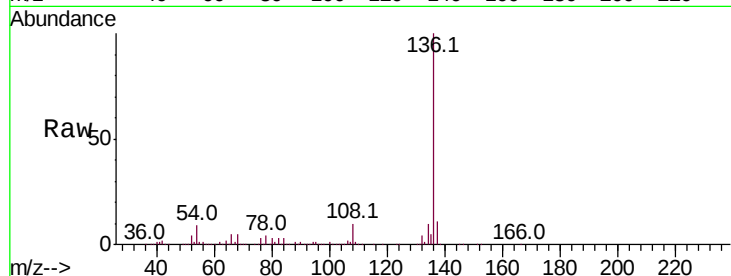
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 8.5 7.2 10.8

68 5.4 4.4 6.6

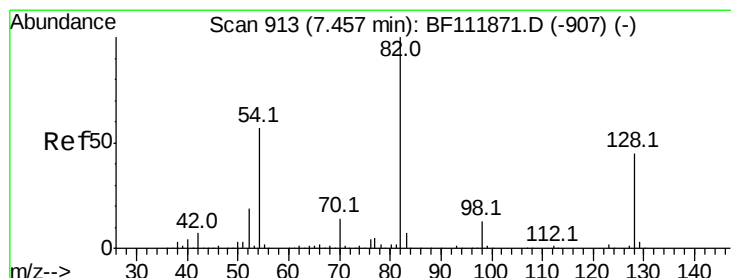
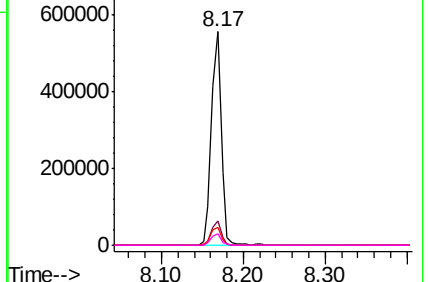
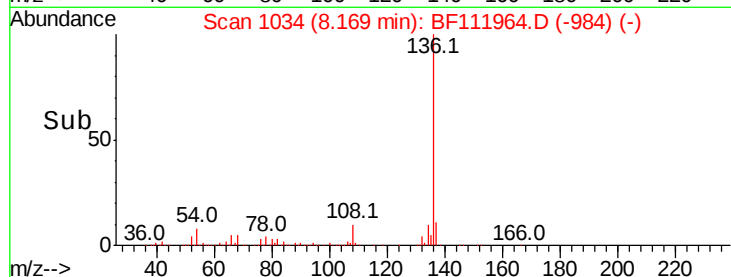


Abundance Ion 136.00 (135.70 to 136.70): E

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: 53.756 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF111964.D

Acq: 9 Jan 2019 21:59

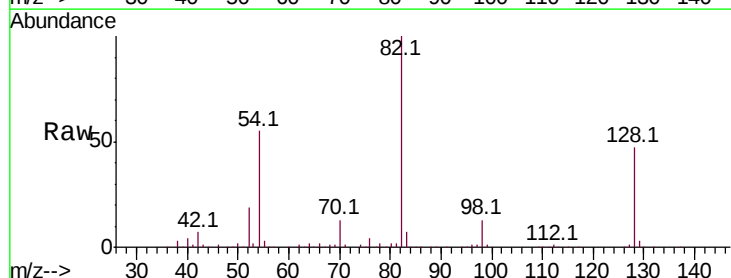
Tgt Ion: 82 Resp: 469213

Ion Ratio Lower Upper

82 100

128 46.6 35.7 53.5

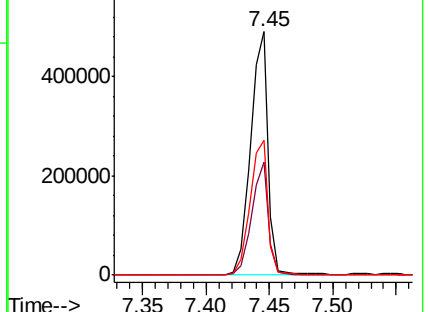
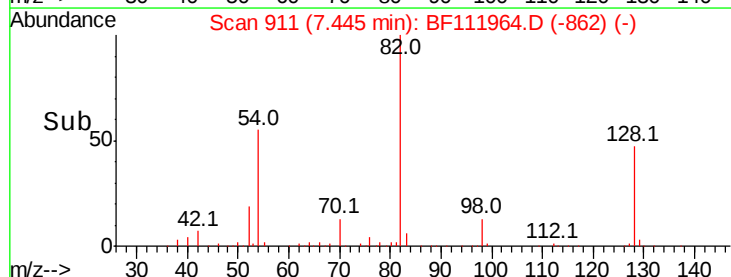
54 55.4 45.8 68.8

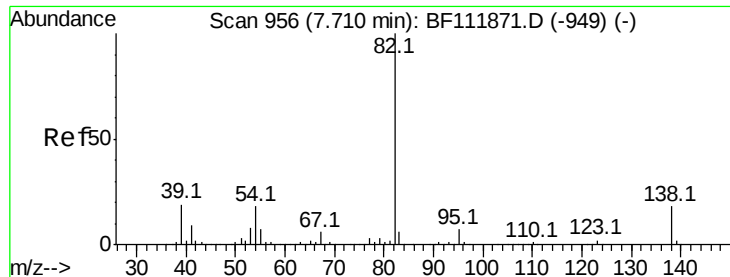


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 32.829 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.26 min

Lab File: BF111964.D

Acq: 9 Jan 2019 21:59

Instrument :

BNA_F

ClientSampleId :

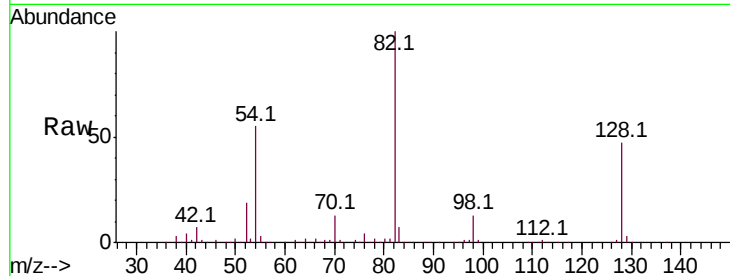
Tot Ion: 82 Resp: 464014

Ion Ratio Lower Upper

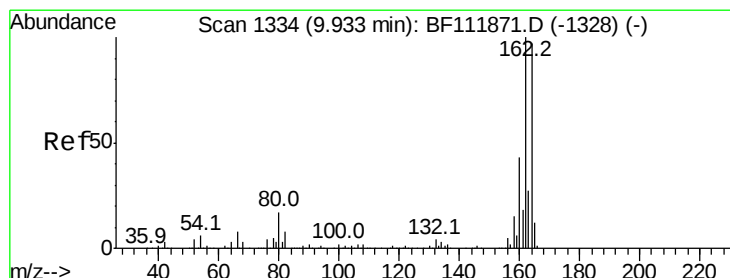
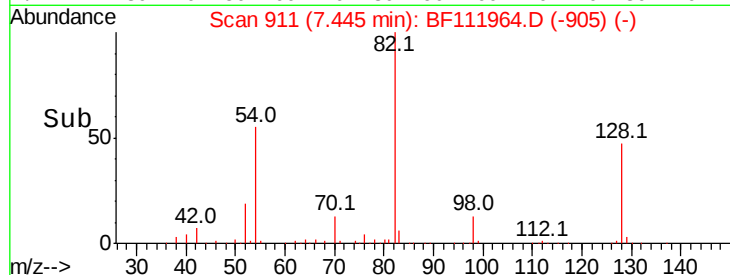
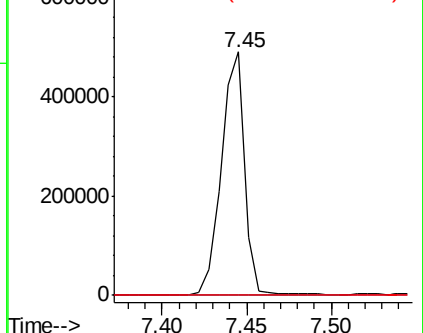
82 100

95 0.2 5.8 8.6#

138 0.0 14.4 21.6#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF111964.D

Acq: 9 Jan 2019 21:59

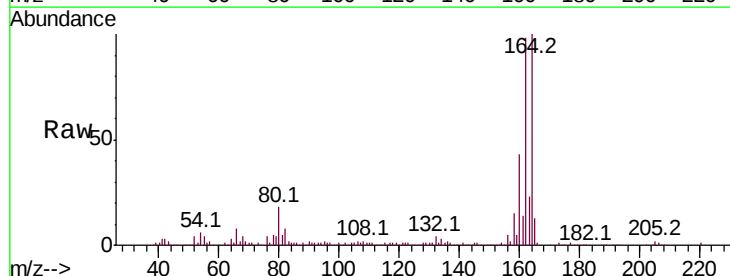
Tgt Ion:164 Resp: 176590

Ion Ratio Lower Upper

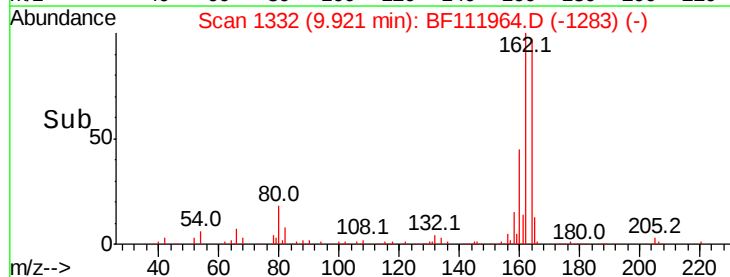
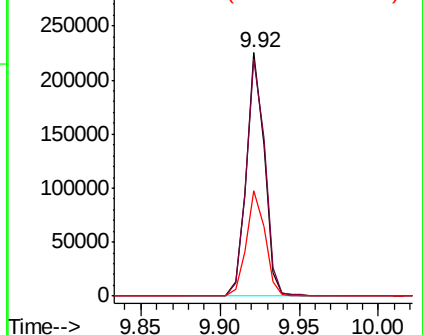
164 100

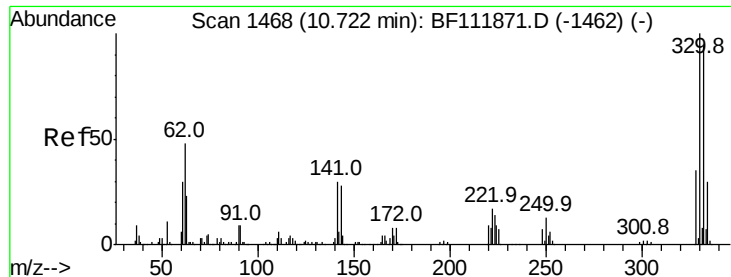
162 97.6 82.2 123.2

160 43.5 35.5 53.3



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

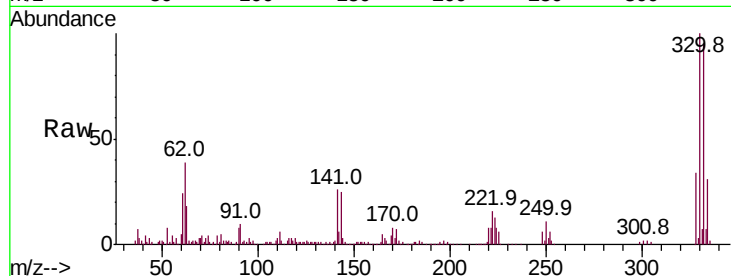




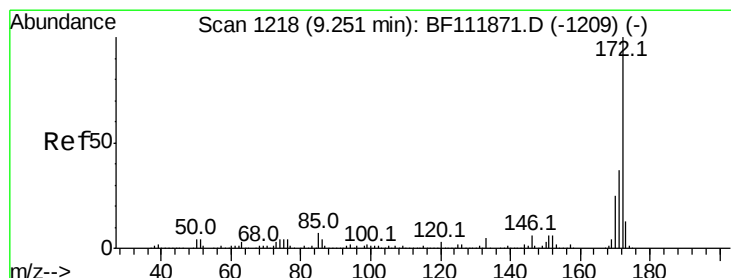
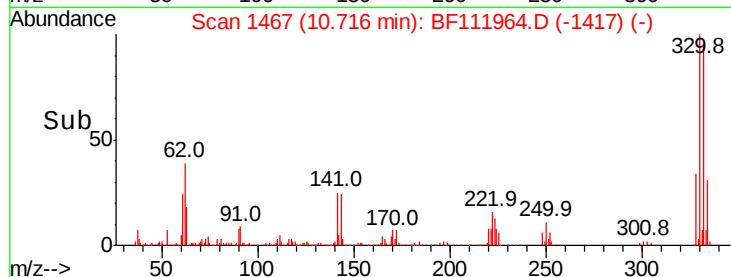
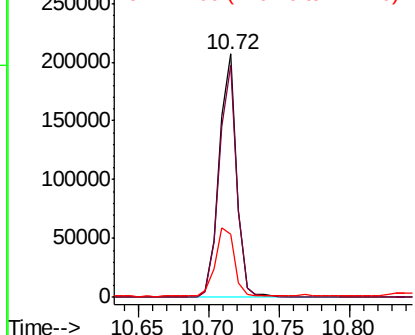
#42
 2,4,6-Tribromophenol
 Concen: 77.673 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF111964.D
 Acq: 9 Jan 2019 21:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 178408
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.9 115.3
 141 31.4 23.7 35.5

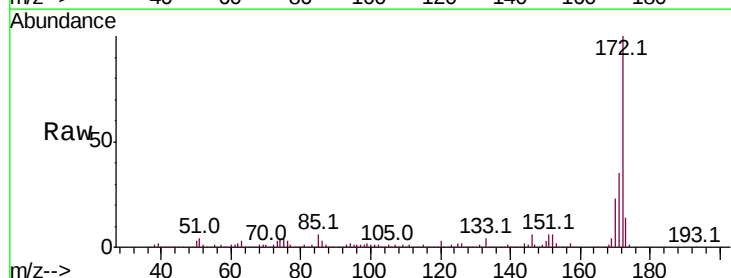


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

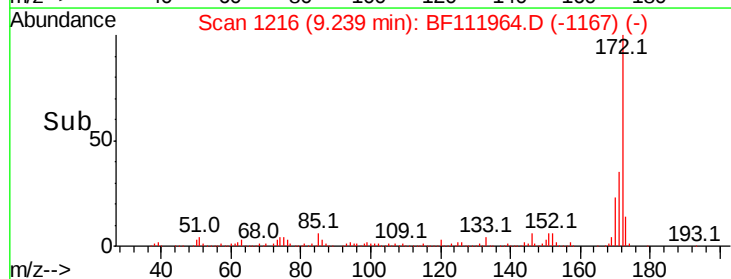
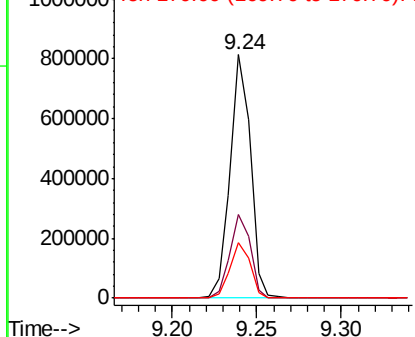


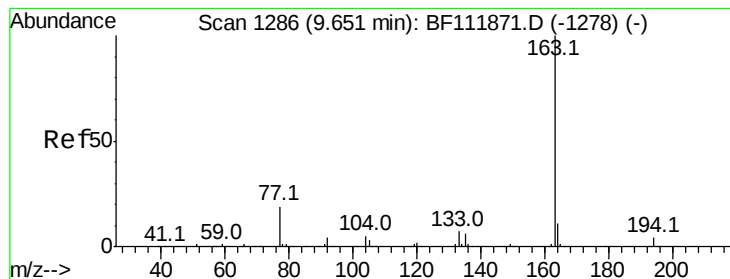
#45
 2-Fluorobiphenyl
 Concen: 56.243 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF111964.D
 Acq: 9 Jan 2019 21:59

Tgt Ion:172 Resp: 681114
 Ion Ratio Lower Upper
 172 100
 171 34.6 29.6 44.4
 170 22.9 19.8 29.8



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: 9.321 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF111964.D

Acq: 9 Jan 2019 21:59

Instrument :

BNA_F

ClientSampleId :

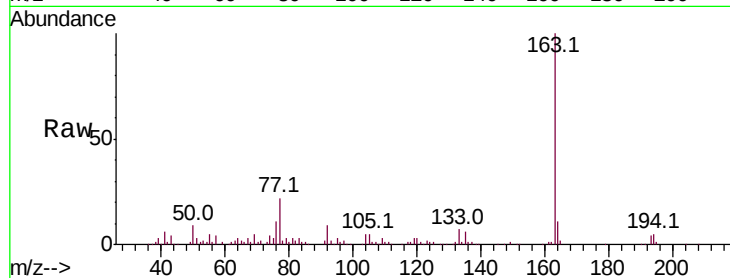
Tot Ion:163 Resp: 123651

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.2

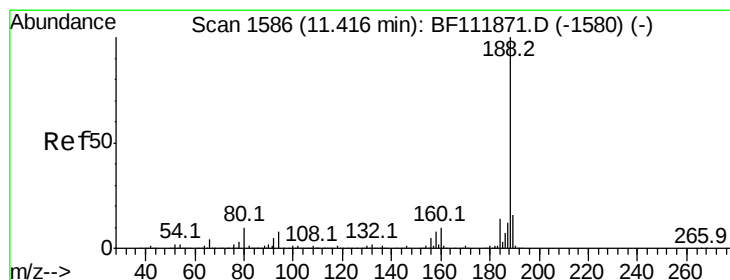
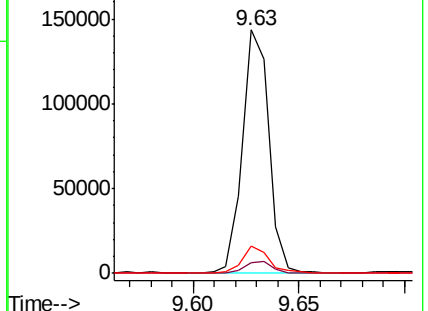
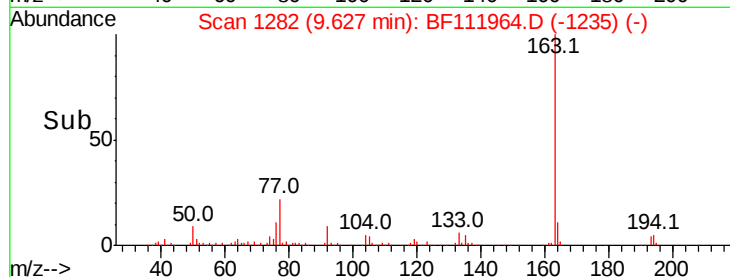
164 11.0 8.5 12.7



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: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF111964.D

Acq: 9 Jan 2019 21:59

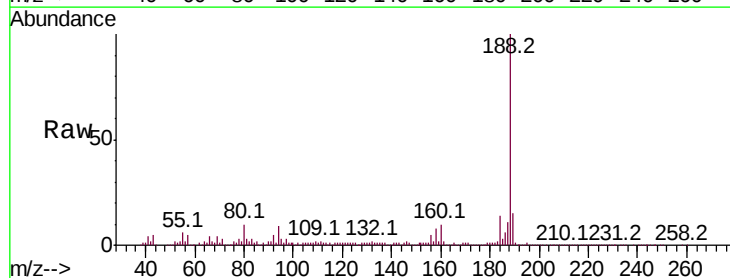
Tgt Ion:188 Resp: 314682

Ion Ratio Lower Upper

188 100

94 9.0 6.6 10.0

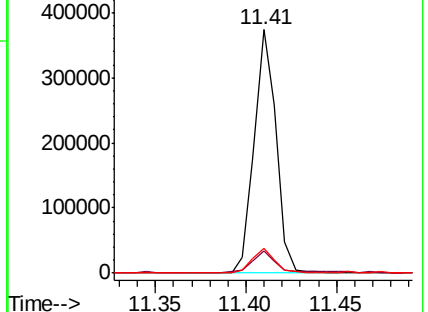
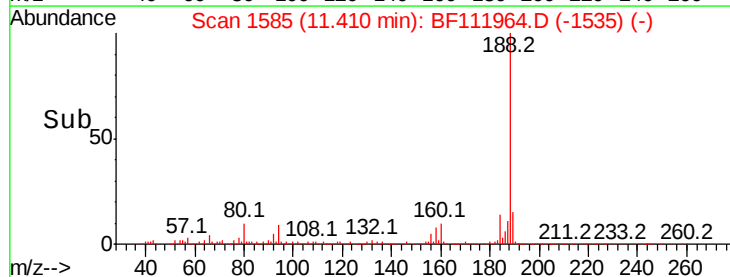
80 10.0 7.7 11.5

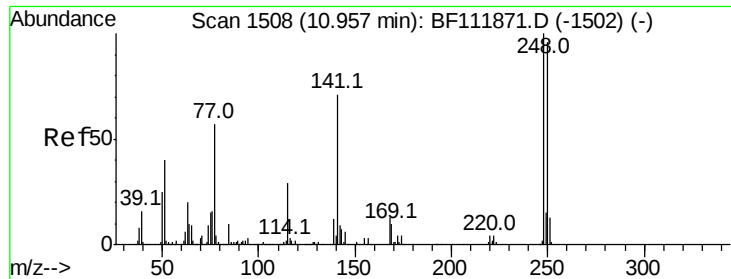


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#67

4-Bromophenyl-phenylether

Concen: 2.698 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.24 min

Lab File: BF111964.D

Acq: 9 Jan 2019 21:59

Instrument :

BNA_F

ClientSampleId :

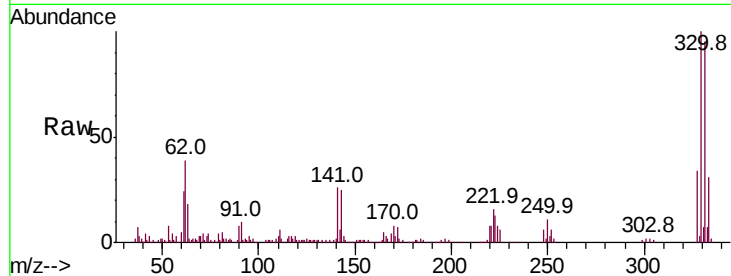
Tot Ion:248 Resp: 10996

Ion Ratio Lower Upper

248 100

250 182.8 76.8 115.2#

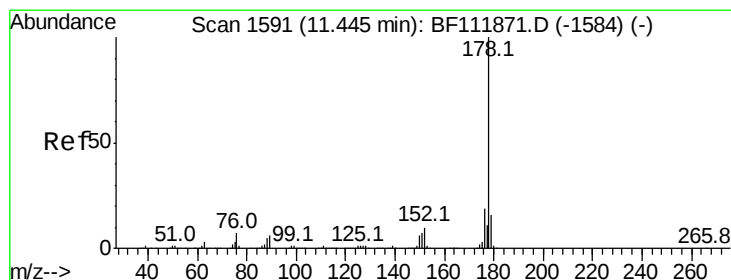
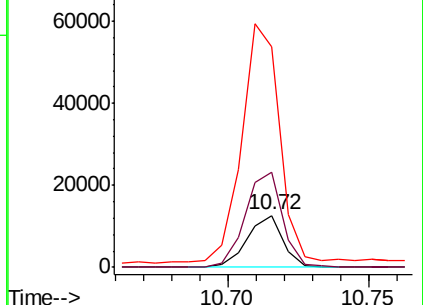
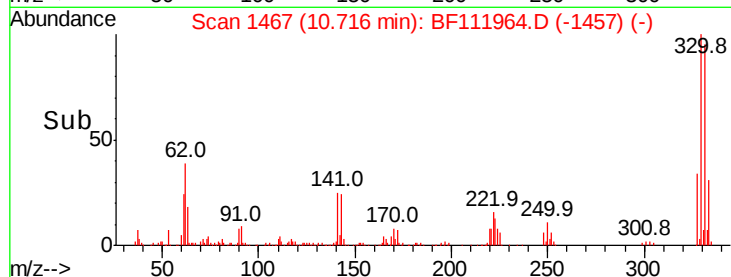
141 425.9 57.0 85.6#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#71

Phenanthrene

Concen: 2.863 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BF111964.D

Acq: 9 Jan 2019 21:59

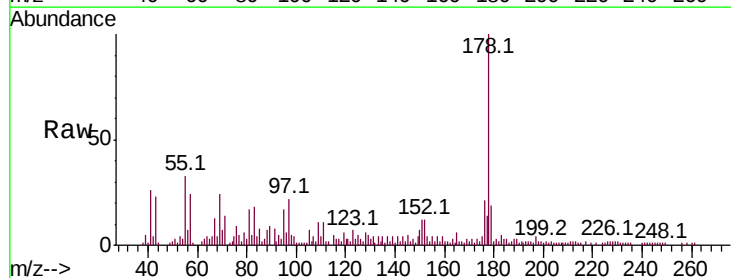
Tgt Ion:178 Resp: 48173

Ion Ratio Lower Upper

178 100

176 20.5 15.6 23.4

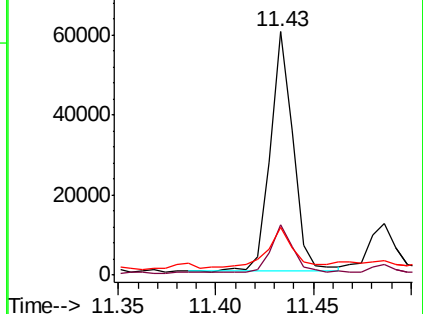
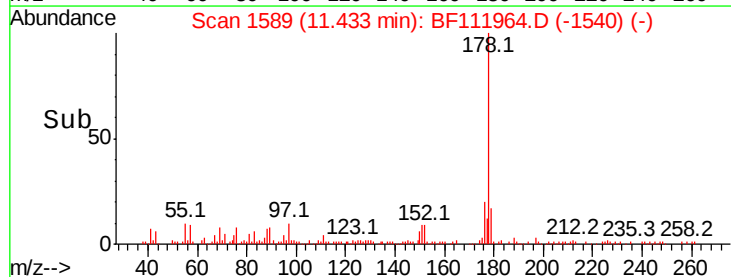
179 19.4 12.6 18.8#

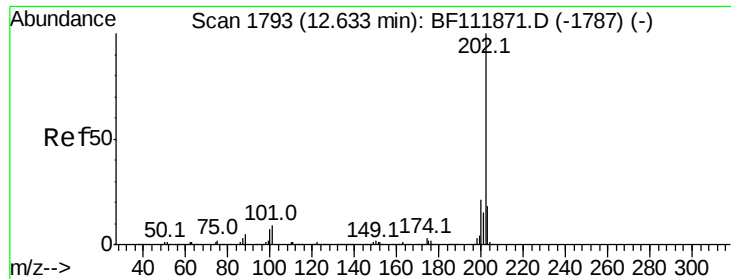


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 2.727 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF111964.D

Acq: 9 Jan 2019 21:59

Instrument :

BNA_F

ClientSampleId :

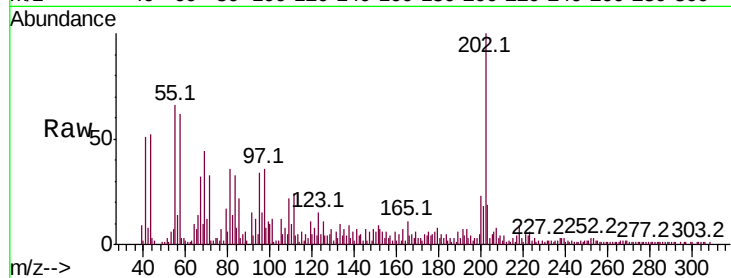
Tot Ion:202 Resp: 47104

Ion Ratio Lower Upper

202 100

101 12.4 0.0 29.3

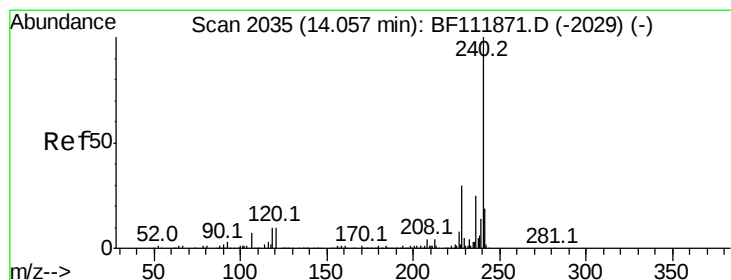
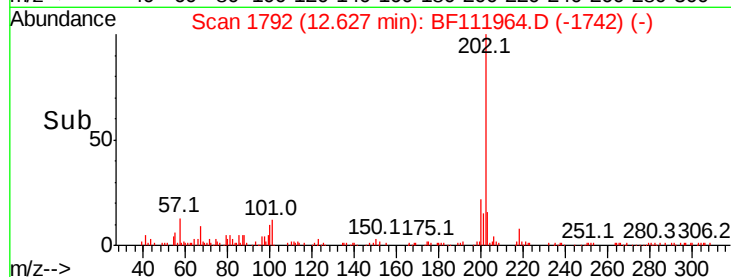
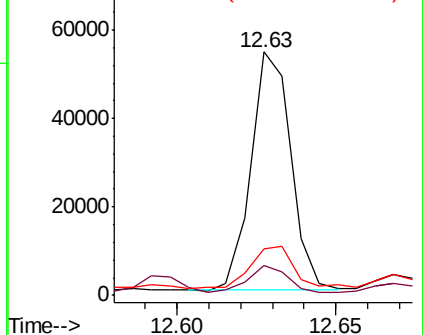
203 19.2 0.0 37.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BF111964.D

Acq: 9 Jan 2019 21:59

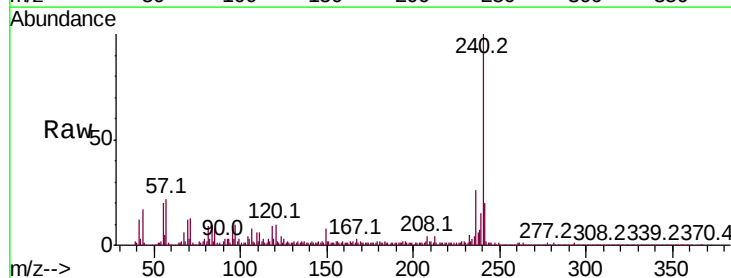
Tgt Ion:240 Resp: 223889

Ion Ratio Lower Upper

240 100

120 10.4 8.2 12.2

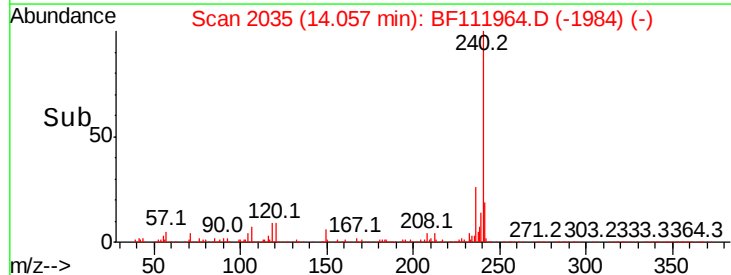
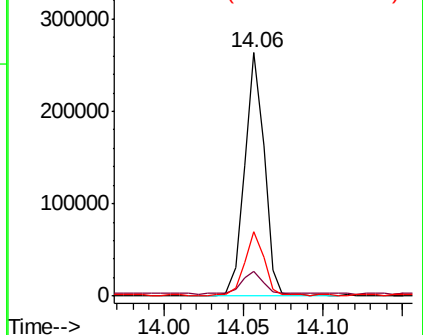
236 26.3 20.2 30.4

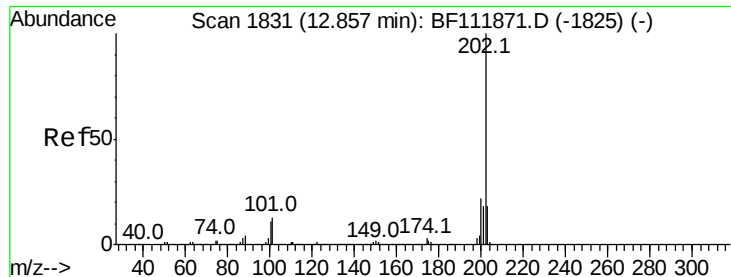


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 3.058 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.23 min

Lab File: BF111964.D

Acq: 9 Jan 2019 21:59

Instrument :

BNA_F

ClientSampleId :

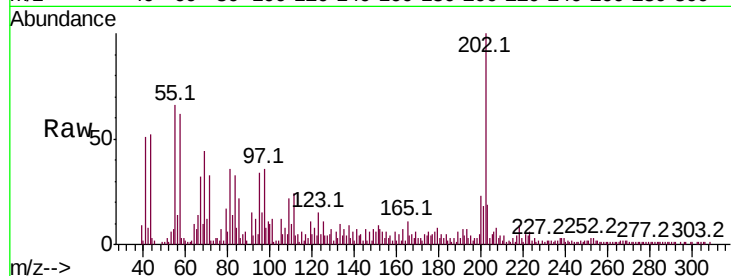
Tot Ion:202 Resp: 47104

Ion Ratio Lower Upper

202 100

200 22.9 17.4 26.2

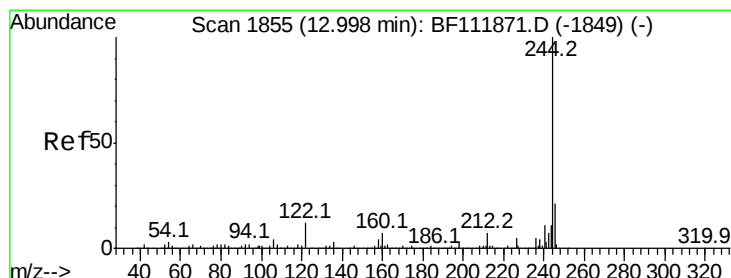
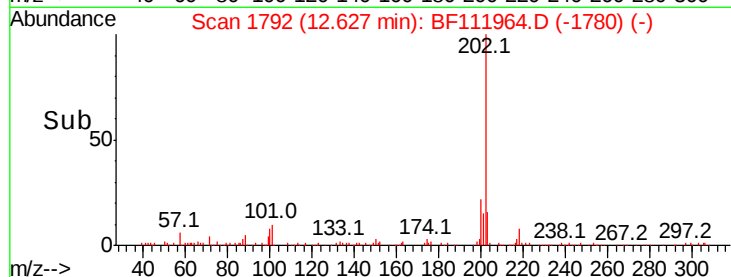
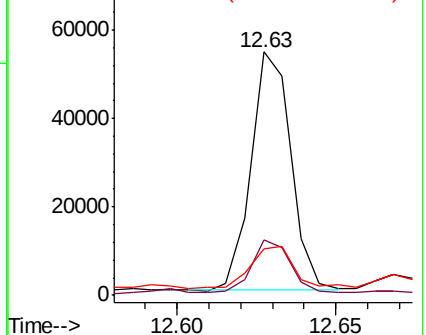
203 19.2 14.6 21.8



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: 59.787 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF111964.D

Acq: 9 Jan 2019 21:59

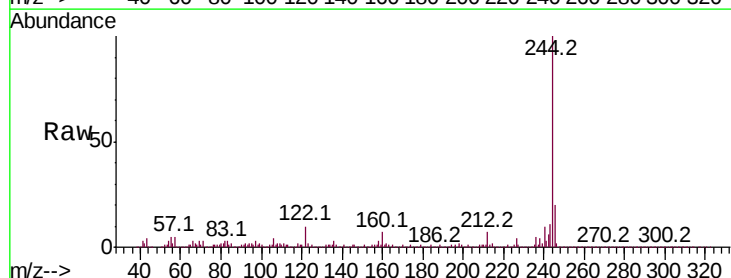
Tgt Ion:244 Resp: 705167

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

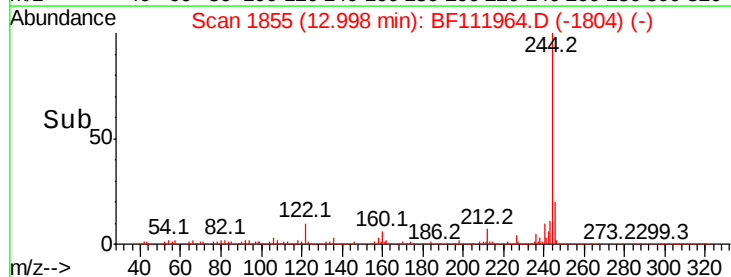
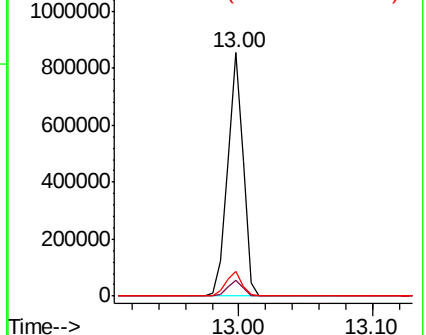
122 10.3 9.5 14.3

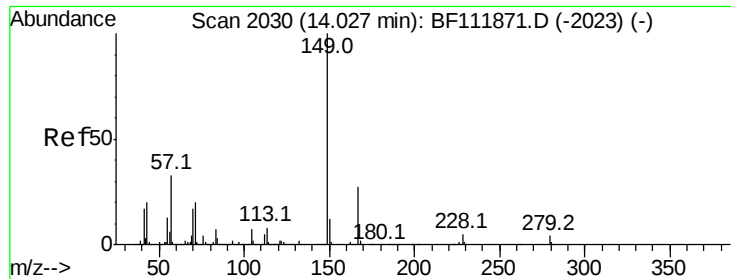


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.396 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.00 min

Lab File: BF111964.D

Acq: 9 Jan 2019 21:59

Instrument :

BNA_F

ClientSampleId :

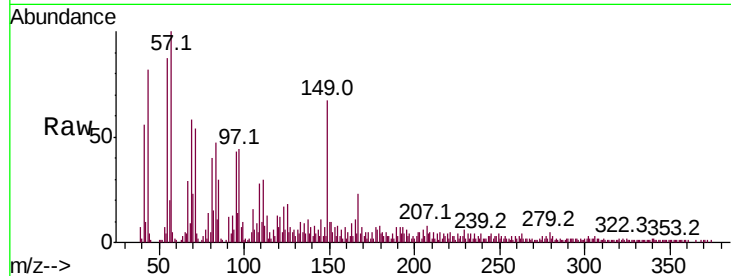
Tot Ion:149 Resp: 29044

Ion Ratio Lower Upper

149 100

167 34.9 21.5 32.3#

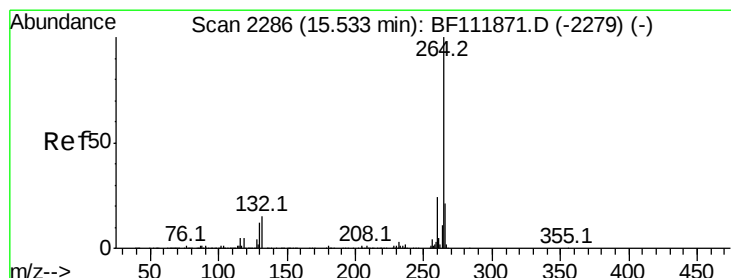
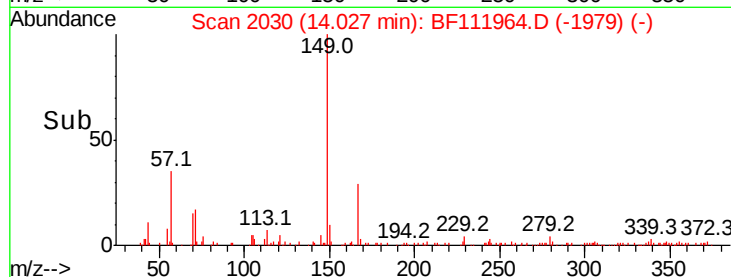
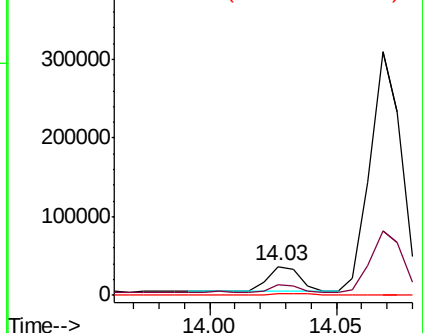
279 6.8 3.0 4.6#



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: 15.54 min Scan# 2288

Delta R.T. 0.01 min

Lab File: BF111964.D

Acq: 9 Jan 2019 21:59

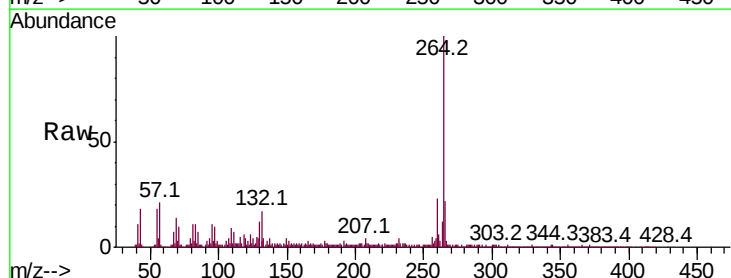
Tgt Ion:264 Resp: 196974

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 22.5 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

