

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
 Data File : BF111900.D
 Acq On : 8 Jan 2019 2:04
 Operator : JU/SJ
 Sample : K1064-01 10X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 08 04:08:39 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

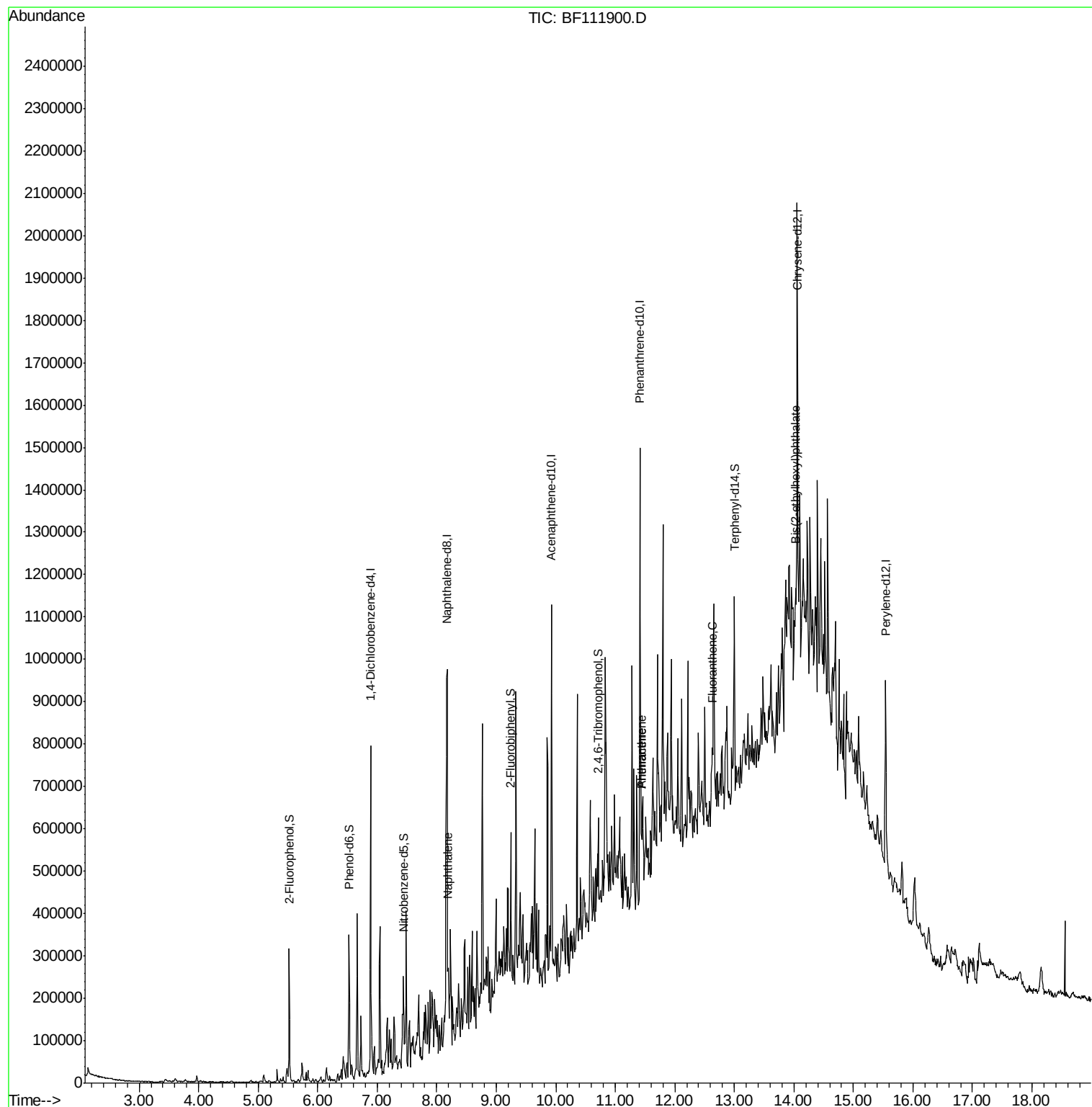
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	113768	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	379678	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	158909	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	315047	20.00	ng	0.00
76) Chrysene-d12	14.06	240	291134	20.00	ng	0.00
87) Perylene-d12	15.54	264	214422	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	81261	12.22	ng	0.00
7) Phenol-d6	6.53	99	101001	11.78	ng	0.00
23) Nitrobenzene-d5	7.45	82	59274	8.34	ng	-0.01
42) 2,4,6-Tribromophenol	10.72	330	23617	11.43	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	100827	9.25	ng	0.00
79) Terphenyl-d14	13.00	244	125623	8.19	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.19	128	58685	3.256	ng	98
71) Phenanthrene	11.44	178	36178	2.148	ng	97
72) Anthracene	11.44	178	36178	2.116	ng	96
75) Fluoranthene	12.63	202	35590	2.058	ng	74
84) Bis(2-ethylhexyl)phthalate	14.03	149	44729	4.022	ng	# 96

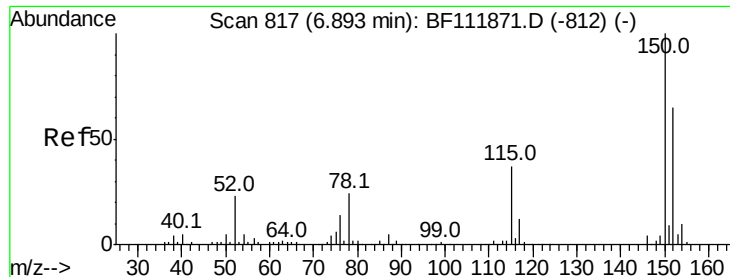
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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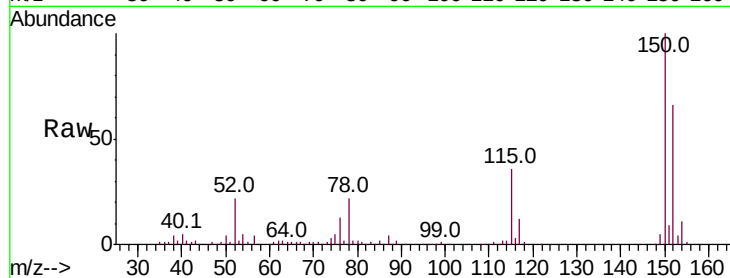


#1

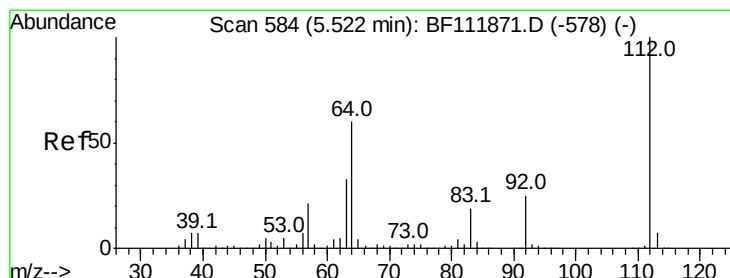
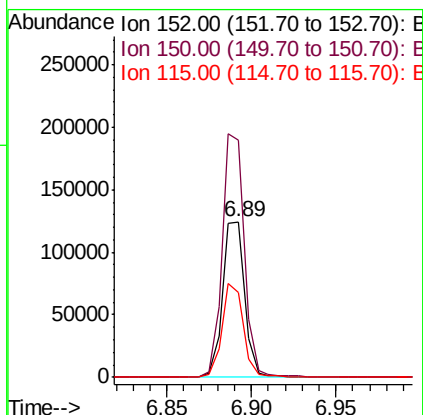
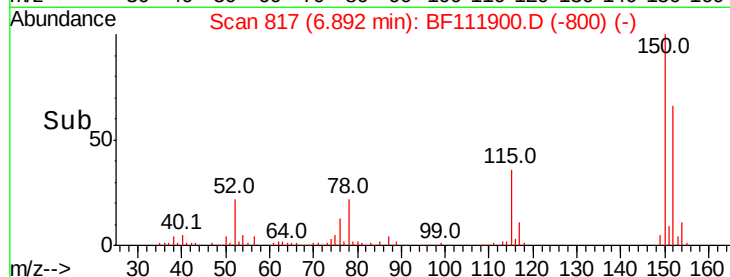
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.00 min
Lab File: BF111900.D
Acq: 8 Jan 2019 2:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 113768
Ion Ratio Lower Upper
152 100
150 152.5 122.7 184.1
115 54.3 45.2 67.8



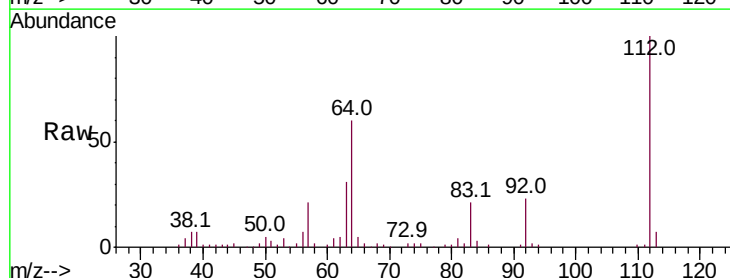
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



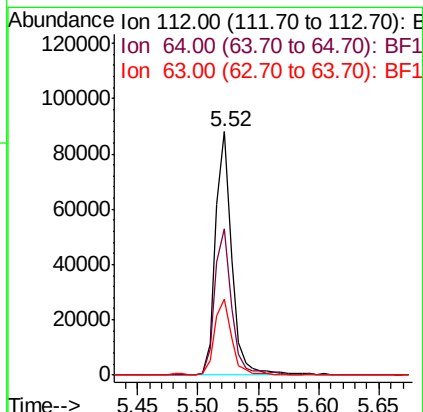
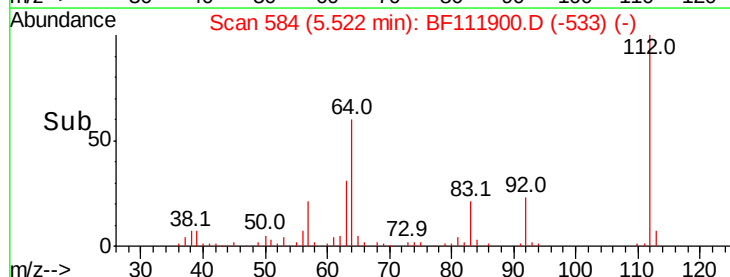
#5

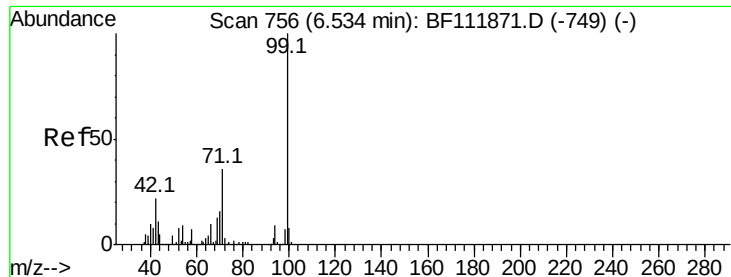
2-Fluorophenol
Concen: 12.220 ng
RT: 5.52 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF111900.D
Acq: 8 Jan 2019 2:04

Tgt Ion:112 Resp: 81261
Ion Ratio Lower Upper
112 100
64 60.3 48.3 72.5
63 30.9 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: 11.784 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF111900.D

Acq: 8 Jan 2019 2:04

Instrument :

BNA_F

ClientSampleId :

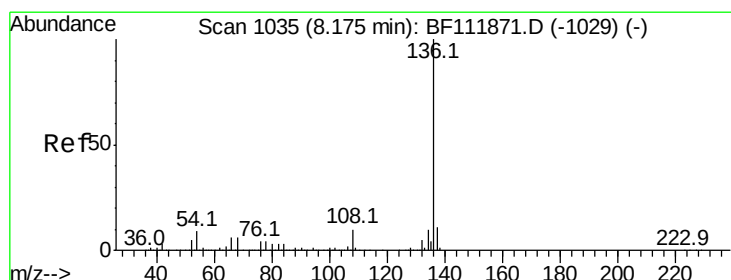
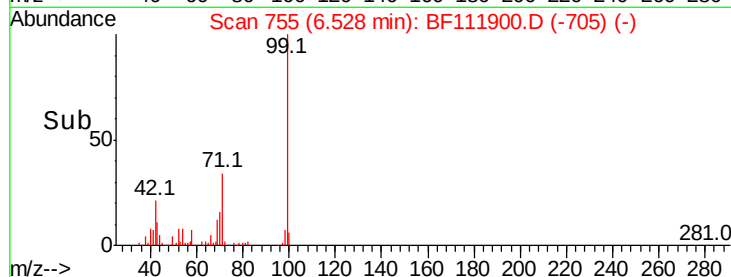
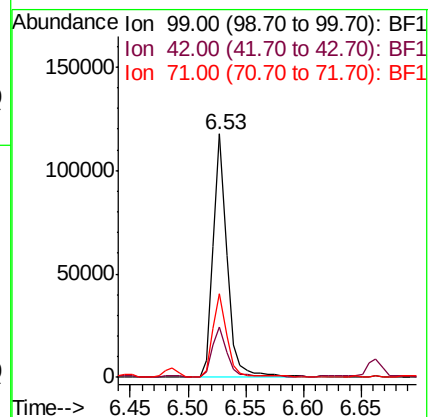
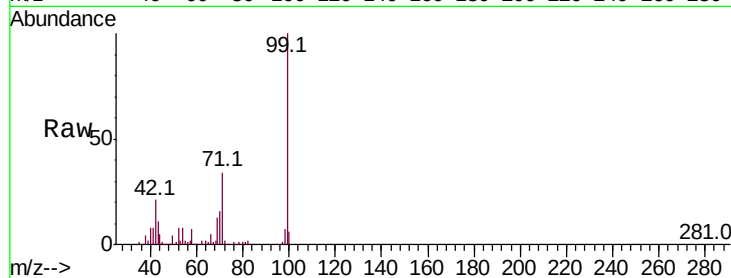
Tot Ion: 99 Resp: 101001

Ion Ratio Lower Upper

99 100

42 20.6 17.9 26.9

71 34.4 28.7 43.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.00 min

Lab File: BF111900.D

Acq: 8 Jan 2019 2:04

Tgt Ion: 136 Resp: 379678

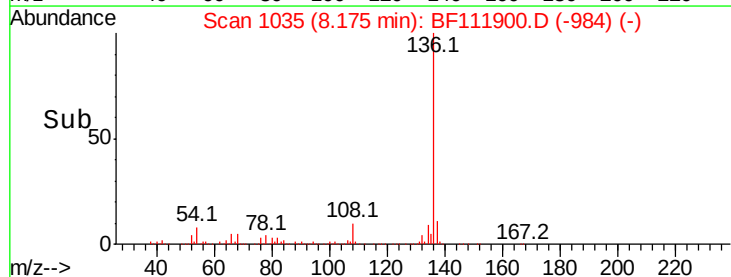
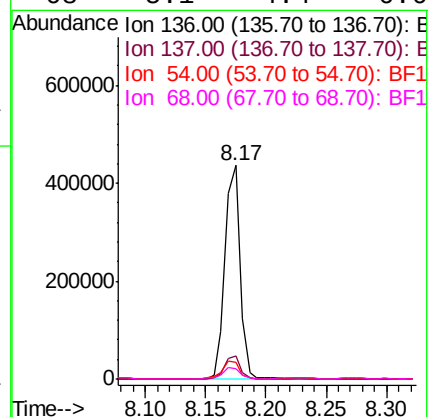
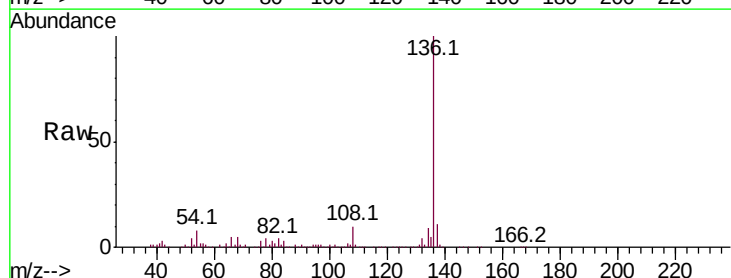
Ion Ratio Lower Upper

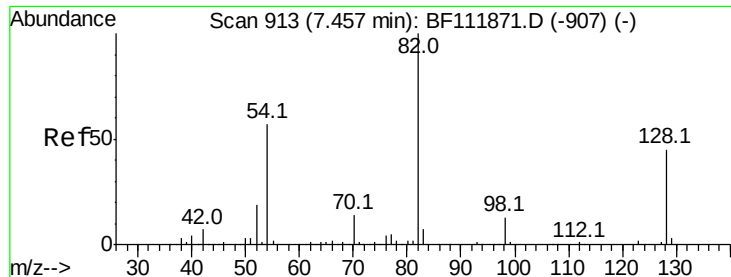
136 100

137 10.6 9.1 13.7

54 7.8 7.2 10.8

68 5.1 4.4 6.6

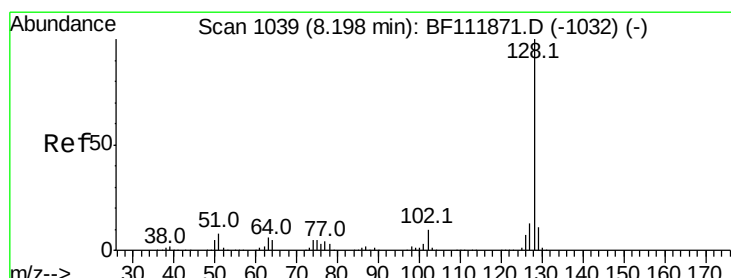
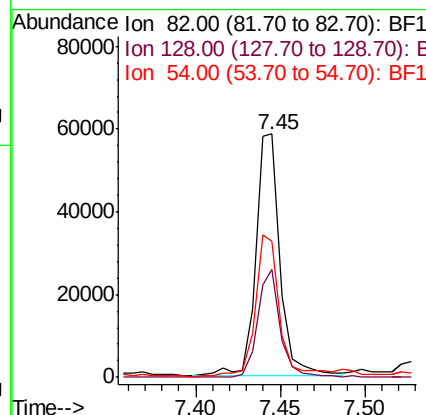
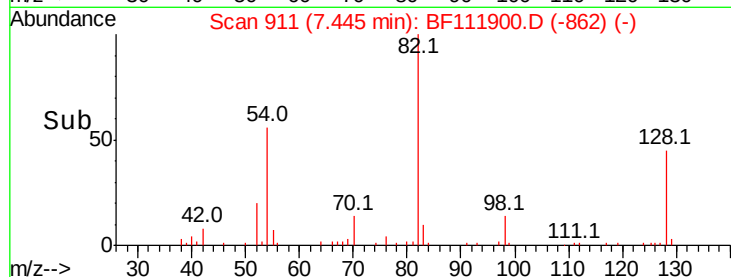
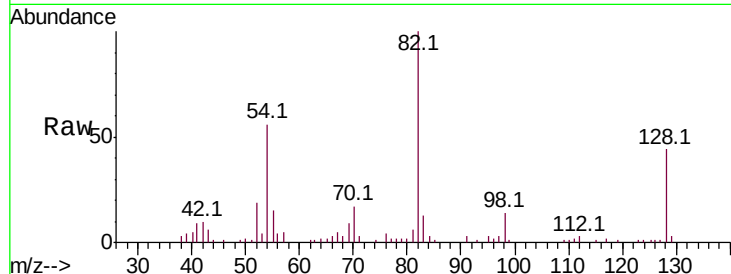




#23
Nitrobenzene-d5
Concen: 8.344 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF111900.D
Acq: 8 Jan 2019 2:04

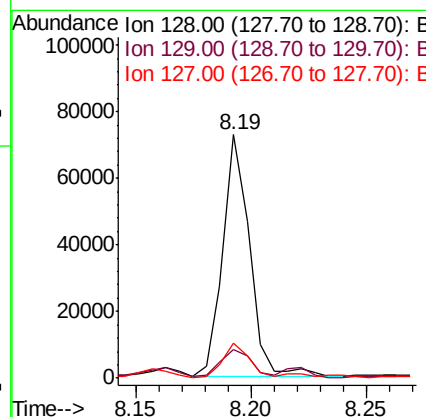
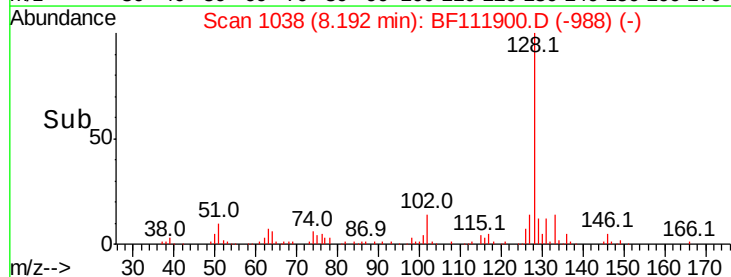
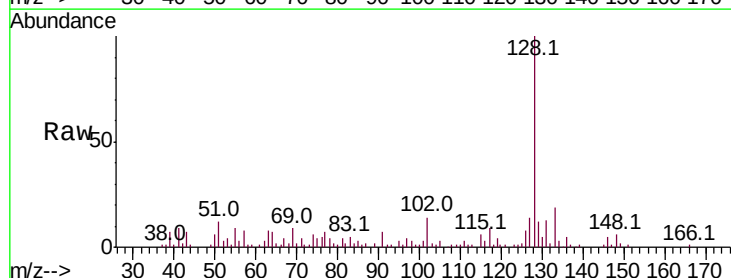
Instrument :
BNA_F
ClientSampled :

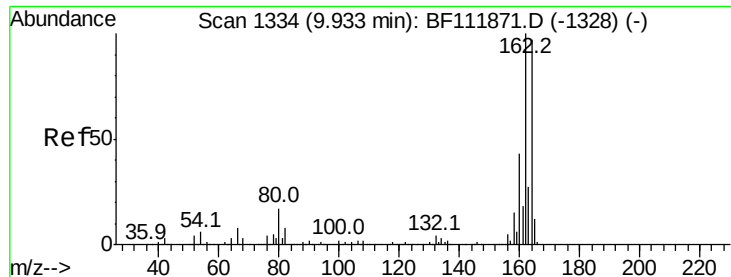
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.2	35.7	53.5
54	56.1	45.8	68.8



#31
Naphthalene
Concen: 3.256 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF111900.D
Acq: 8 Jan 2019 2:04

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.0	13.4
127	14.3	10.7	16.1

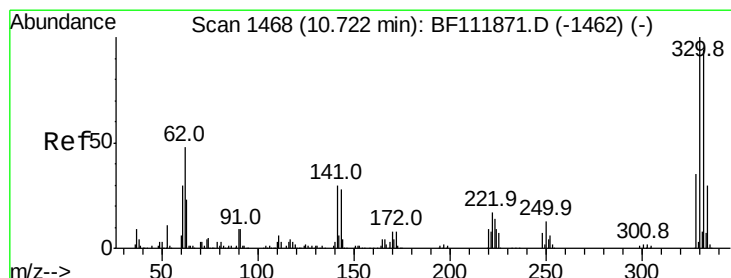
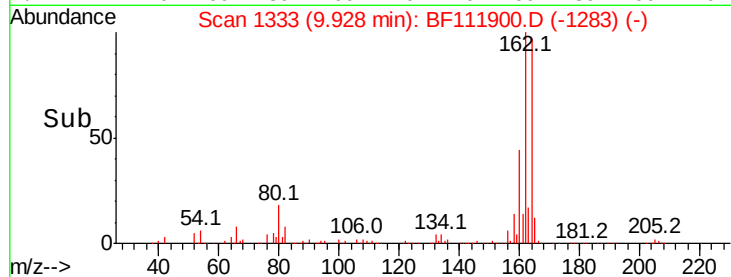
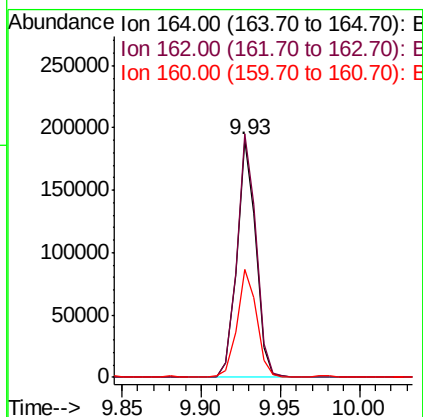
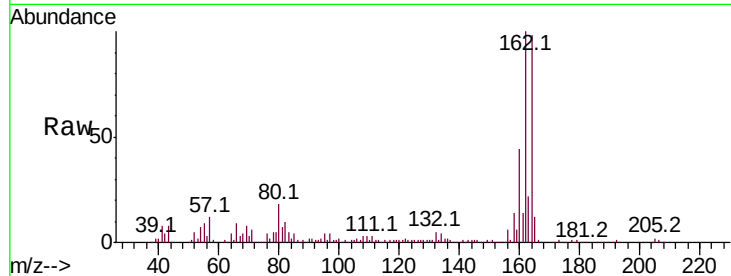




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF111900.D
 Acq: 8 Jan 2019 2:04

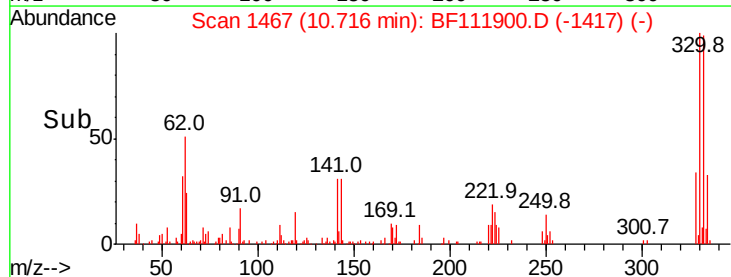
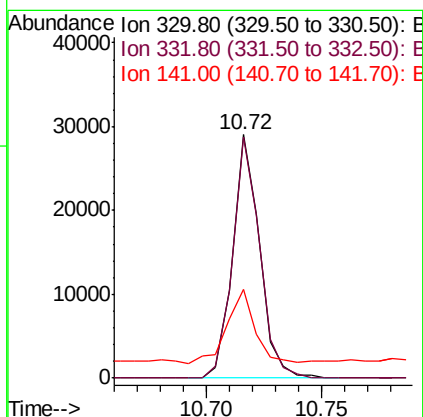
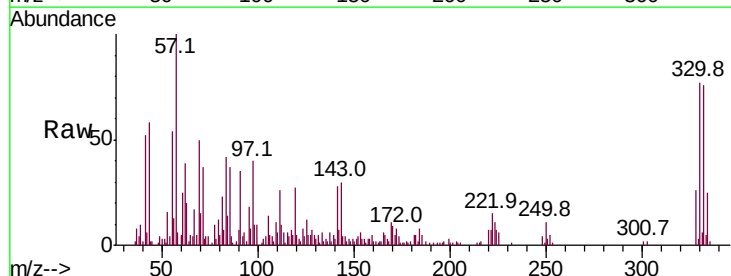
Instrument :
 BNA_F
 ClientSampled :

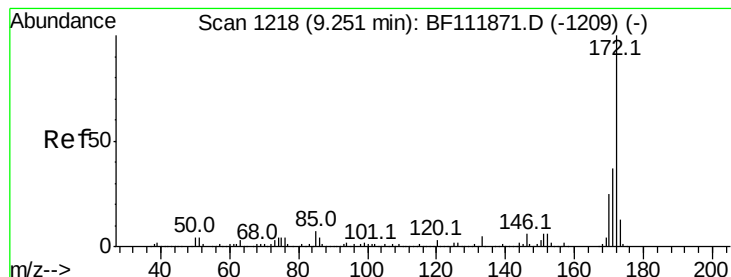
Tot Ion:164 Resp: 158909
 Ion Ratio Lower Upper
 164 100
 162 102.6 82.2 123.2
 160 45.3 35.5 53.3



#42
 2,4,6-Tribromophenol
 Concen: 11.426 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF111900.D
 Acq: 8 Jan 2019 2:04

Tgt Ion:330 Resp: 23617
 Ion Ratio Lower Upper
 330 100
 332 99.2 76.9 115.3
 141 31.3 23.7 35.5





#45

2-Fluorobiphenyl

Concen: 9.252 ng

RT: 9.25 min Scan# 1217

Delta R.T. -0.01 min

Lab File: BF111900.D

Acq: 8 Jan 2019 2:04

Instrument :

BNA_F

ClientSampleId :

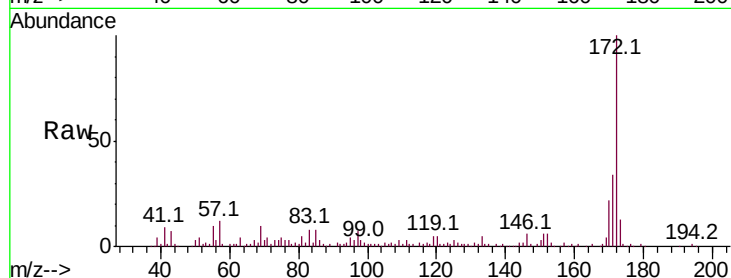
Tot Ion:172 Resp: 100827

Ion Ratio Lower Upper

172 100

171 33.6 29.6 44.4

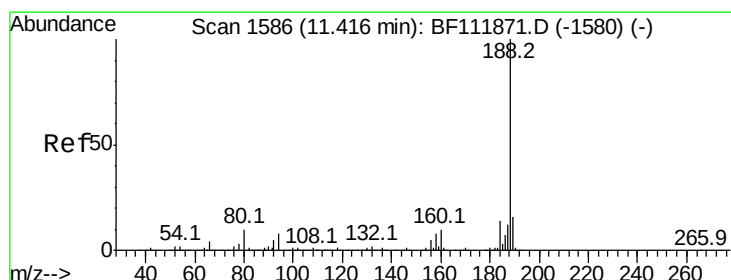
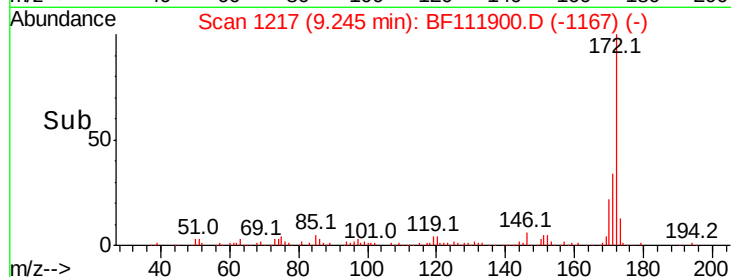
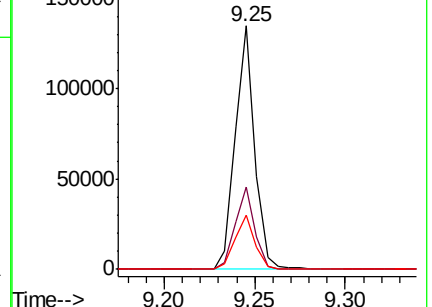
170 22.1 19.8 29.8



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BF111900.D

Acq: 8 Jan 2019 2:04

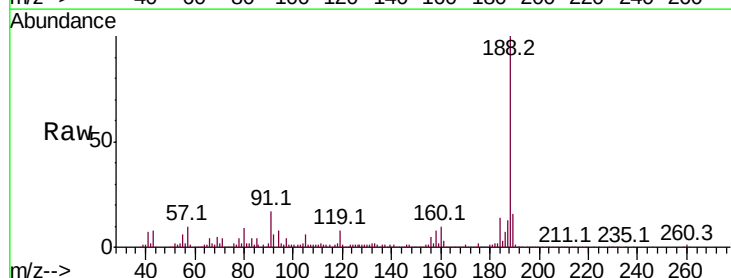
Tgt Ion:188 Resp: 315047

Ion Ratio Lower Upper

188 100

94 7.7 6.6 10.0

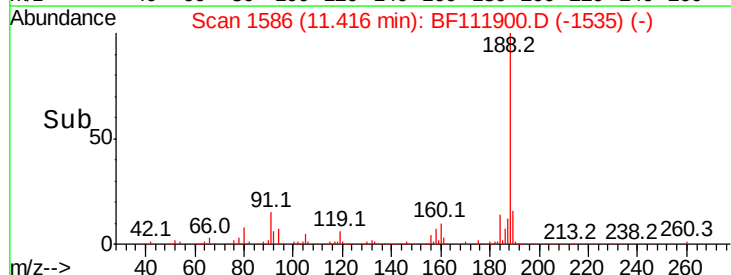
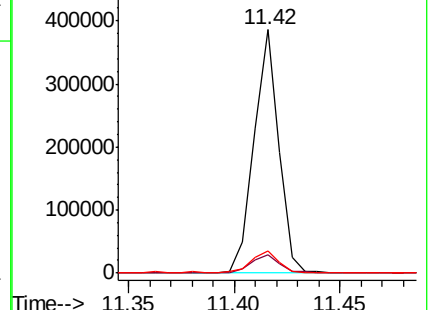
80 9.1 7.7 11.5

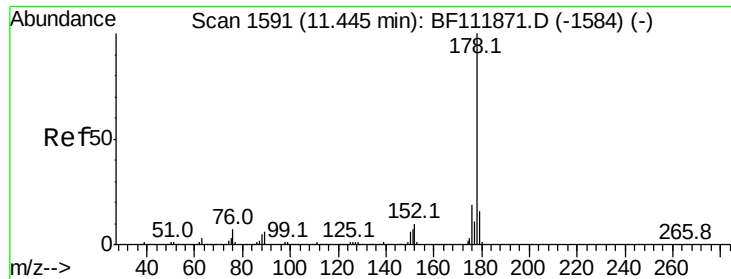


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#71

Phenanthrene

Concen: 2.148 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF111900.D

Acq: 8 Jan 2019 2:04

Instrument :

BNA_F

ClientSampleId :

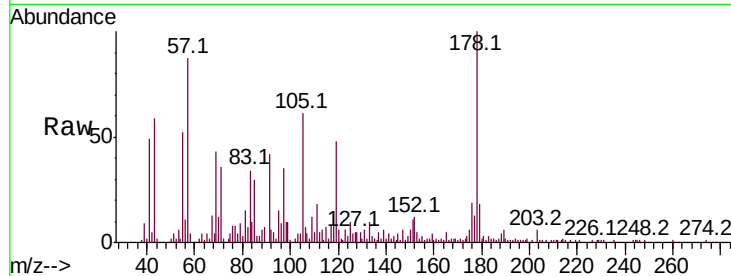
Tot Ion:178 Resp: 36178

Ion Ratio Lower Upper

178 100

176 18.7 15.6 23.4

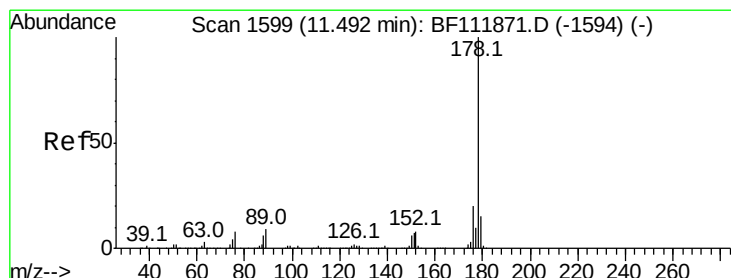
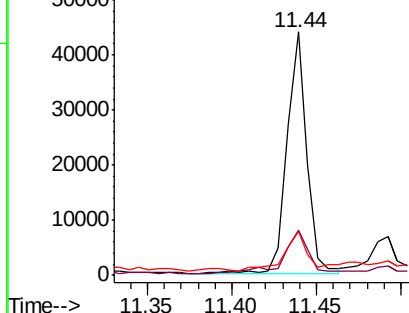
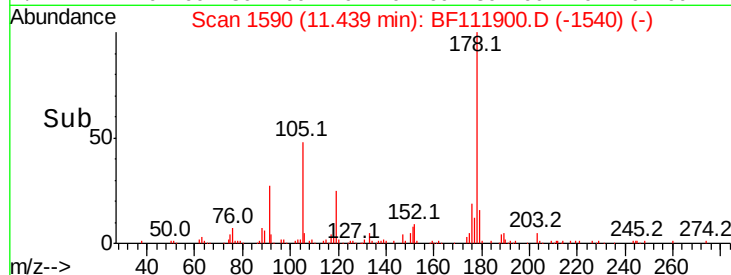
179 17.9 12.6 18.8



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



#72

Anthracene

Concen: 2.116 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.05 min

Lab File: BF111900.D

Acq: 8 Jan 2019 2:04

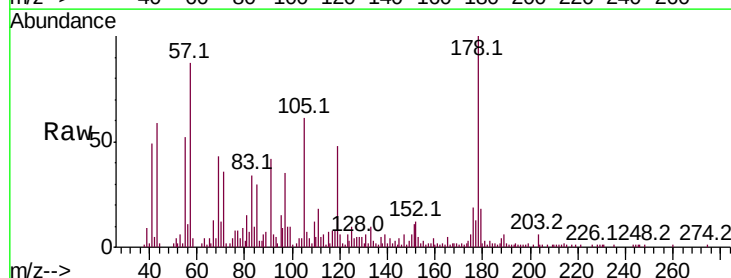
Tgt Ion:178 Resp: 36178

Ion Ratio Lower Upper

178 100

176 18.7 15.7 23.5

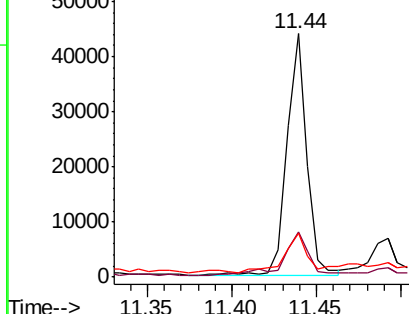
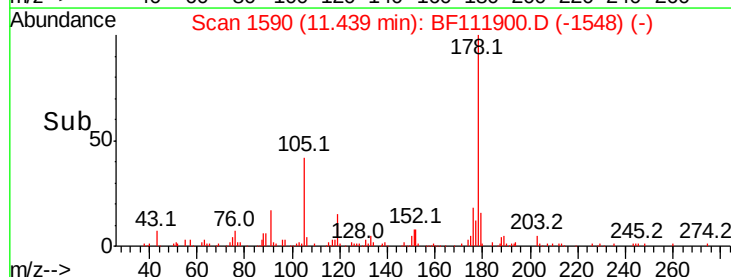
179 17.9 12.4 18.6

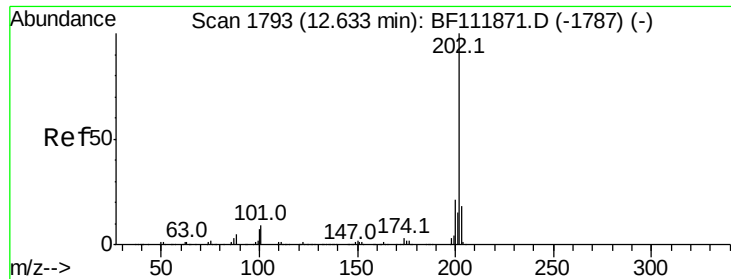


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 2.058 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF111900.D

Acq: 8 Jan 2019 2:04

Instrument :

BNA_F

ClientSampled :

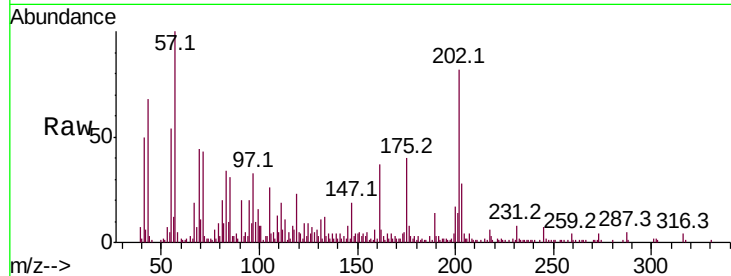
Tot Ion:202 Resp: 35590

Ion Ratio Lower Upper

202 100

101 10.3 0.0 29.3

203 34.5 0.0 37.6

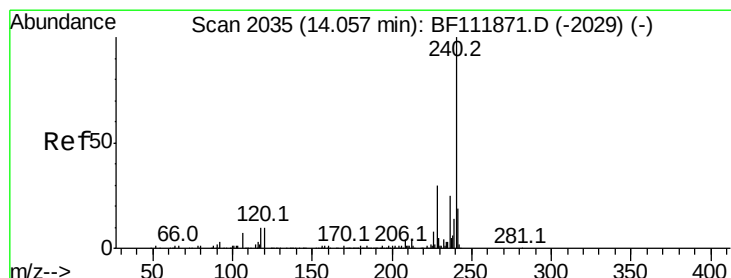
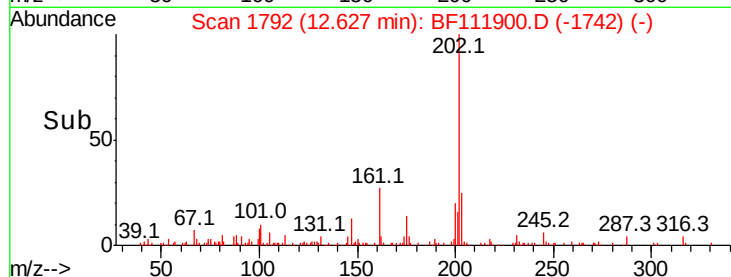
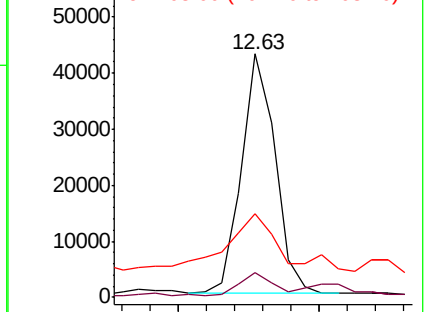


Abundance

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: BF111900.D

Acq: 8 Jan 2019 2:04

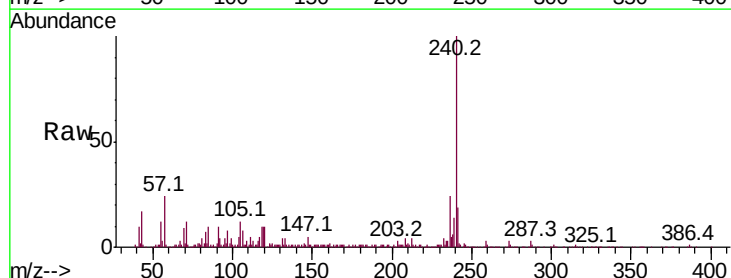
Tgt Ion:240 Resp: 291134

Ion Ratio Lower Upper

240 100

120 9.9 8.2 12.2

236 24.0 20.2 30.4

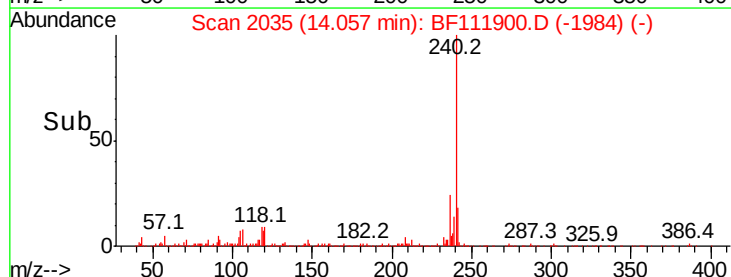
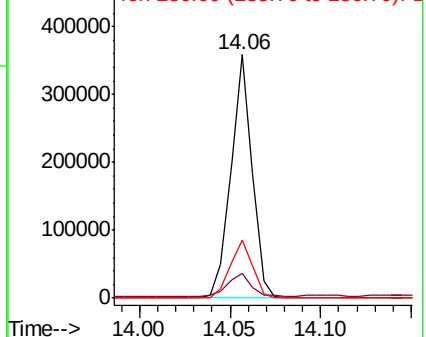


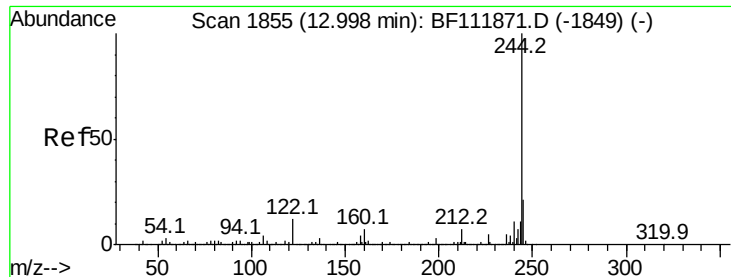
Abundance

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





#79

Terphenyl-d14

Concen: 8.191 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF111900.D

Acq: 8 Jan 2019 2:04

Instrument :

BNA_F

ClientSampleId :

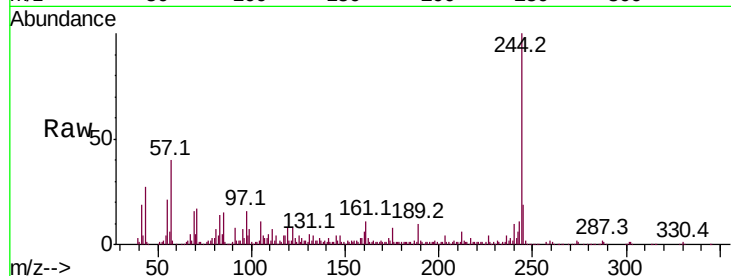
Tot Ion:244 Resp: 125623

Ion Ratio Lower Upper

244 100

212 6.3 5.8 8.8

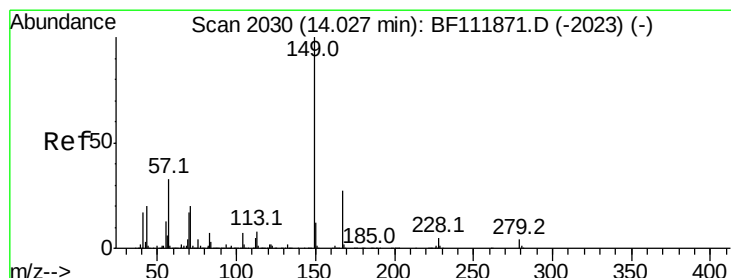
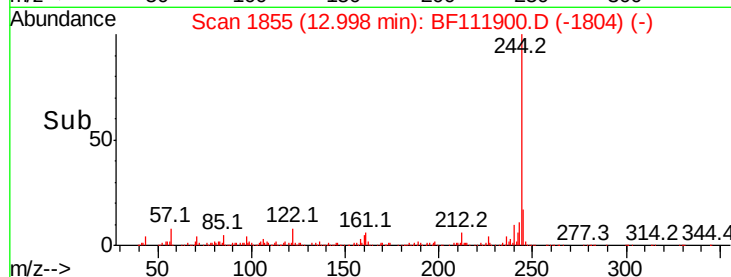
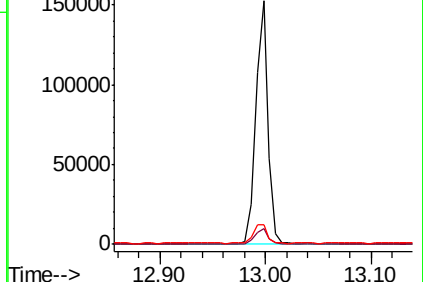
122 8.2 9.5 14.3#



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: 4.022 ng

RT: 14.03 min Scan# 2031

Delta R.T. 0.01 min

Lab File: BF111900.D

Acq: 8 Jan 2019 2:04

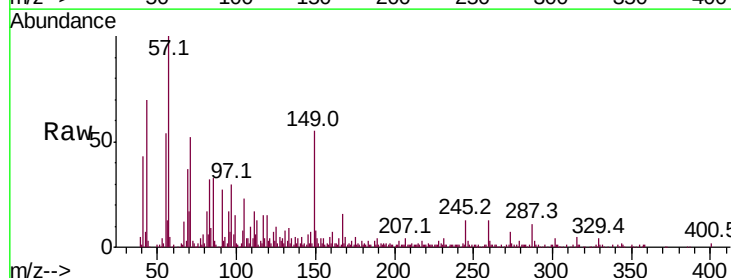
Tgt Ion:149 Resp: 44729

Ion Ratio Lower Upper

149 100

167 29.1 21.5 32.3

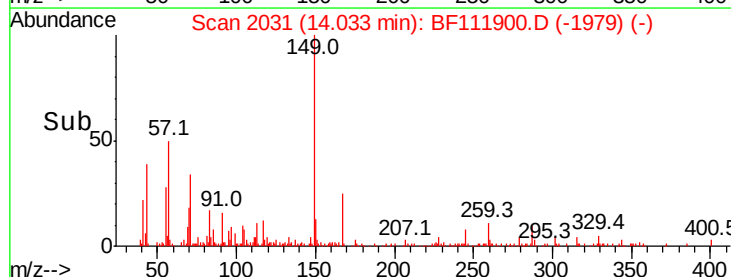
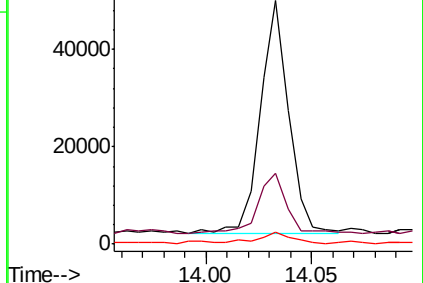
279 4.7 3.0 4.6#

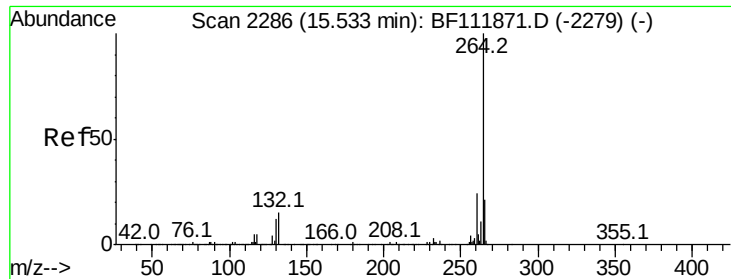


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

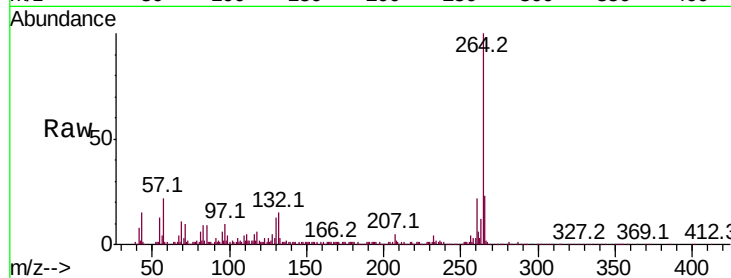




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF111900.D
Acq: 8 Jan 2019 2:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	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

