

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 :
 P-1419-S

Quant Time: Jan 08 05:09:50 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

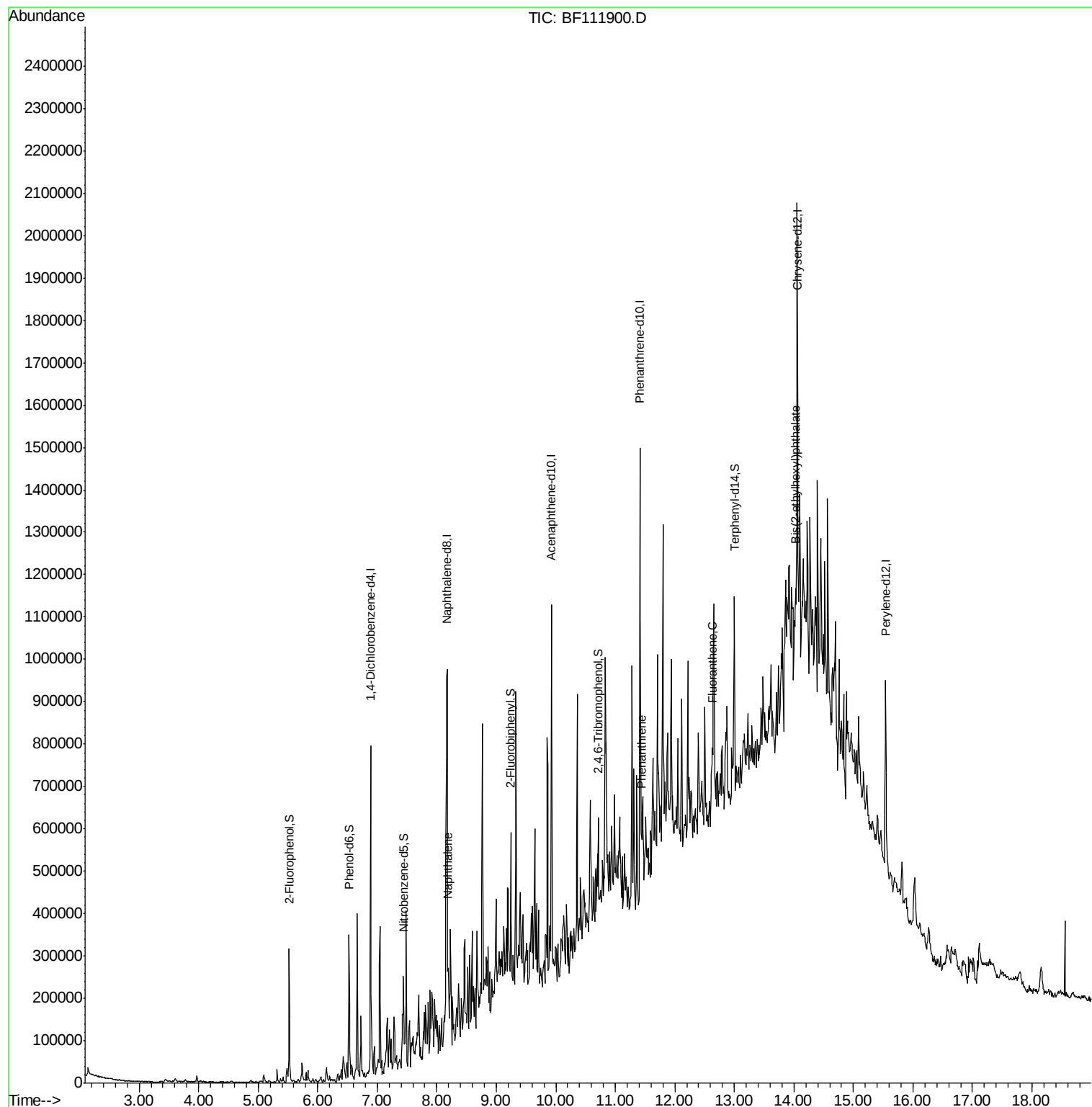
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	113768	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	379678	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	158909	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	315047	20.00	ng	0.00
76) Chrysene-d12	14.06	240	291134	20.00	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
75) Fluoranthene	12.63	202	35590	2.058	ng	74
84) Bis(2-ethylhexyl)phthalate	14.03	149	44729	4.022	ng	# 96

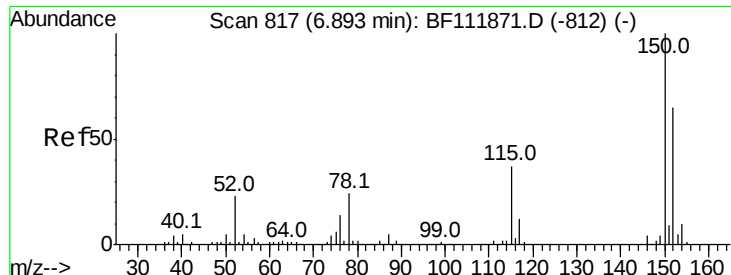
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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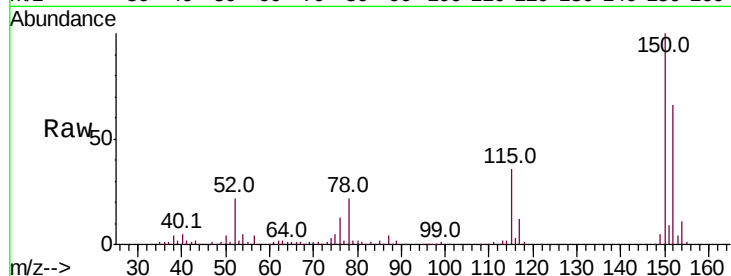


#1

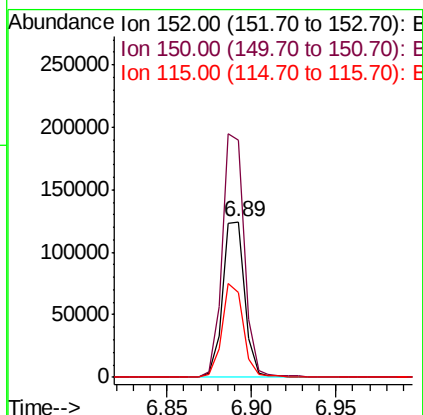
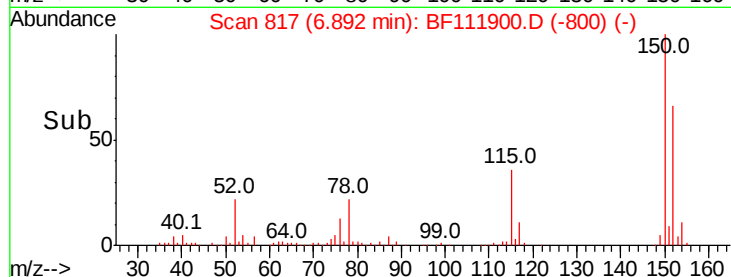
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.00 min
Lab File: BF111900.D
Acq: 8 Jan 2019 2:04

Instrument :
BNA_F
ClientSampleId :
P-1419-S

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



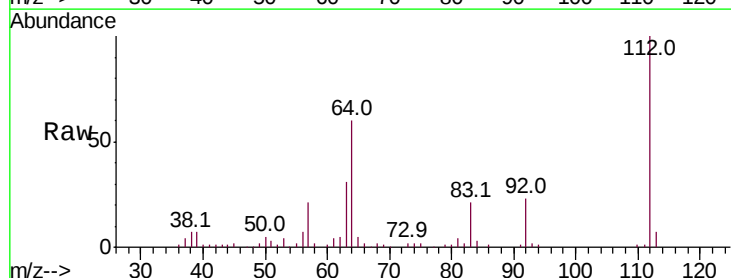
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



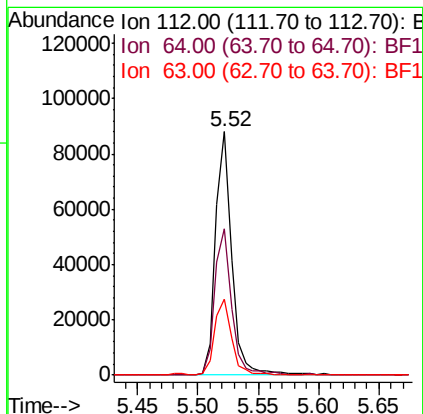
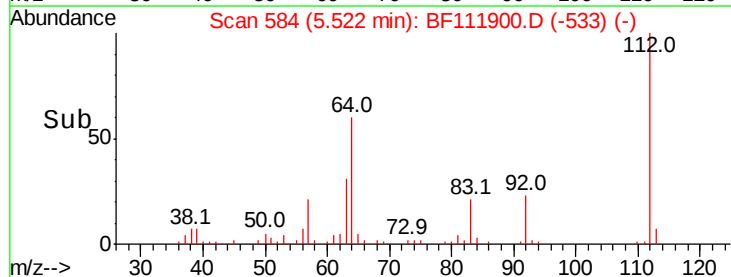
#5

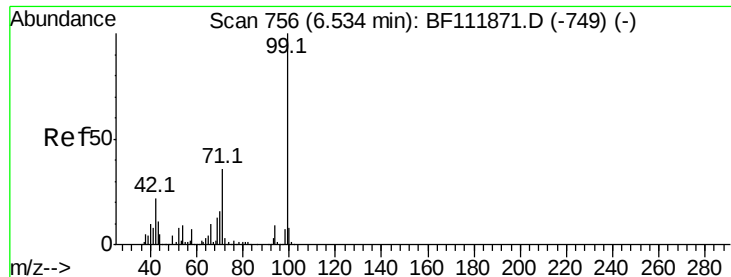
2-Fluorophenol
Concen: 12.220 ng
RT: 5.52 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF111900.D
Acq: 8 Jan 2019 2:04

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 :

P-1419-S

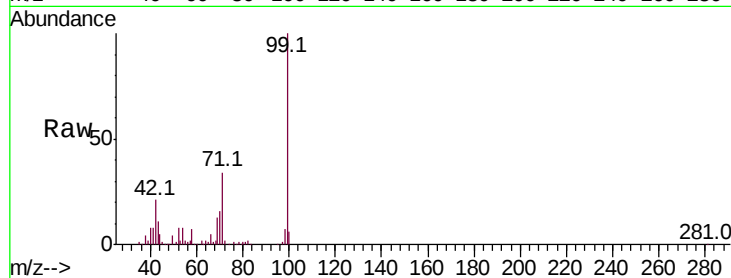
Tot Ion: 99 Resp: 101001

Ion Ratio Lower Upper

99 100

42 20.6 17.9 26.9

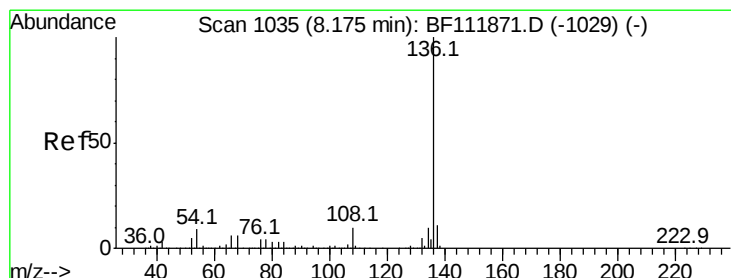
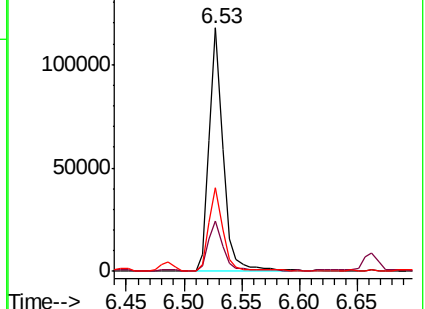
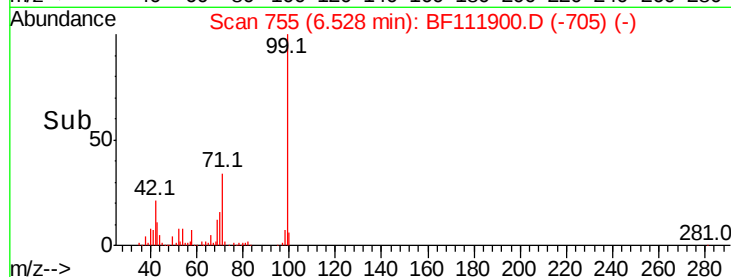
71 34.4 28.7 43.1



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: 8.17 min Scan# 1035

Delta R.T. -0.00 min

Lab File: BF111900.D

Acq: 8 Jan 2019 2:04

Tgt Ion: 136 Resp: 379678

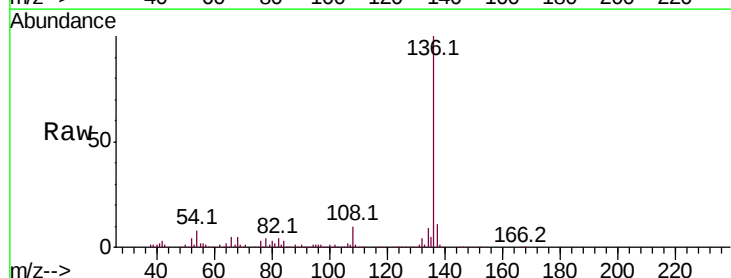
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 7.8 7.2 10.8

68 5.1 4.4 6.6

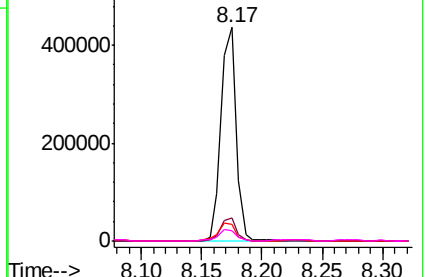
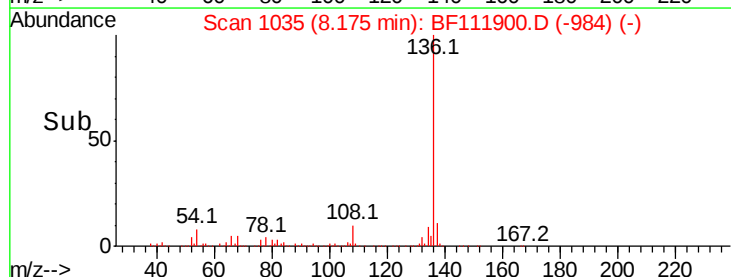


Abundance Ion 136.00 (135.70 to 136.70): E

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

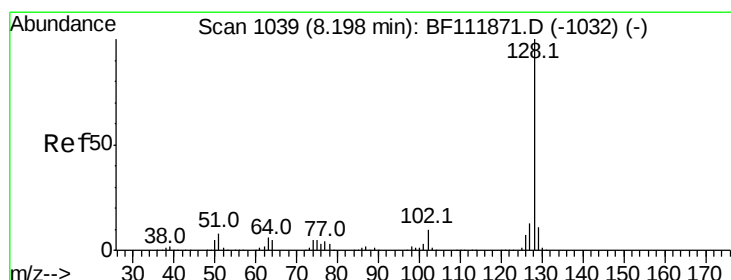
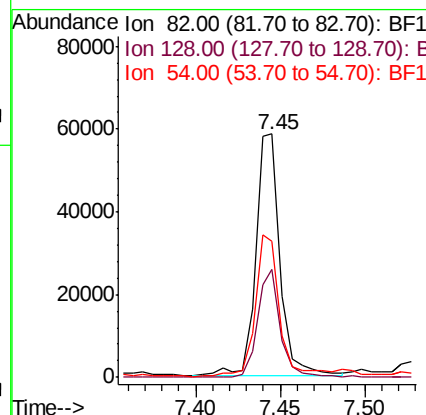
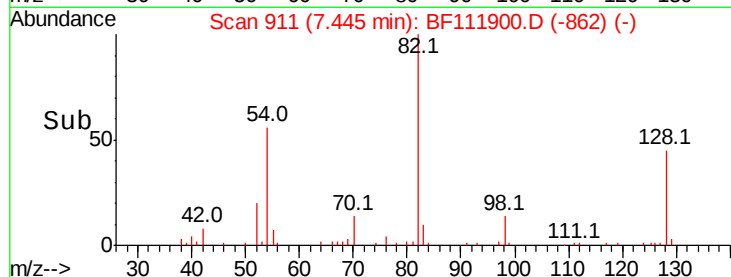
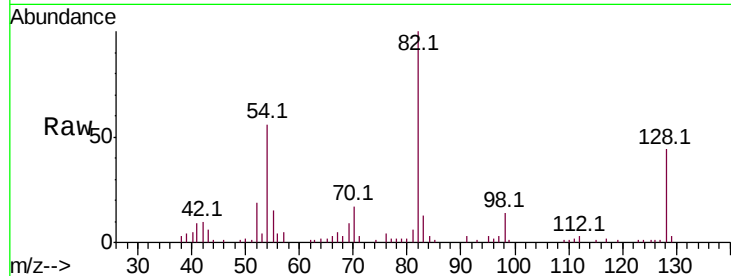




#23
Nitrobenzene-d5
Concen: 8.344 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF111900.D
Acq: 8 Jan 2019 2:04

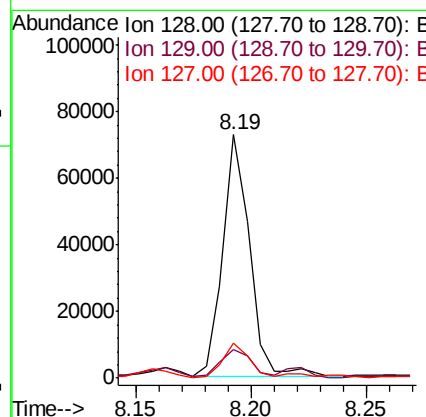
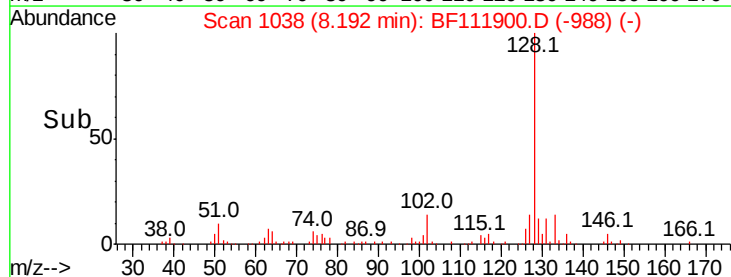
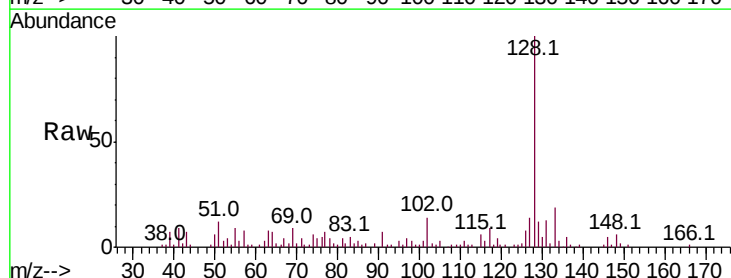
Instrument :
BNA_F
ClientSampleId :
P-1419-S

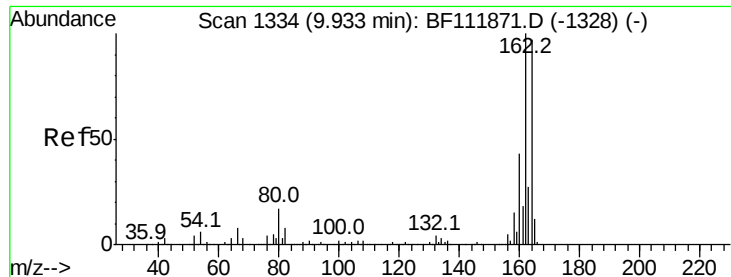
Tot Ion: 82 Resp: 59274
Ion Ratio Lower Upper
82 100
128 44.2 35.7 53.5
54 56.1 45.8 68.8



#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: 128 Resp: 58685
Ion Ratio Lower Upper
128 100
129 11.9 9.0 13.4
127 14.3 10.7 16.1

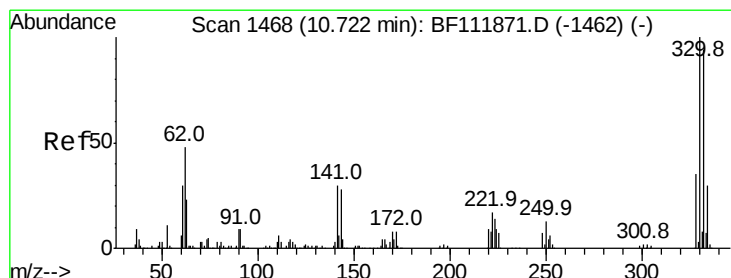
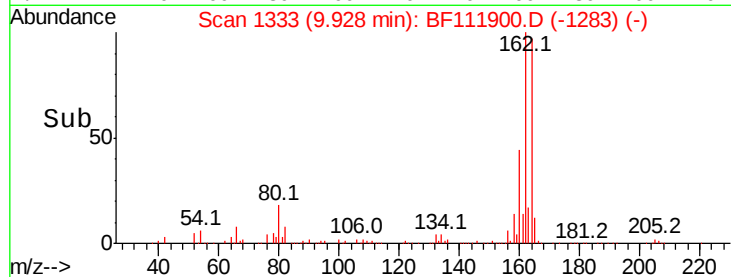
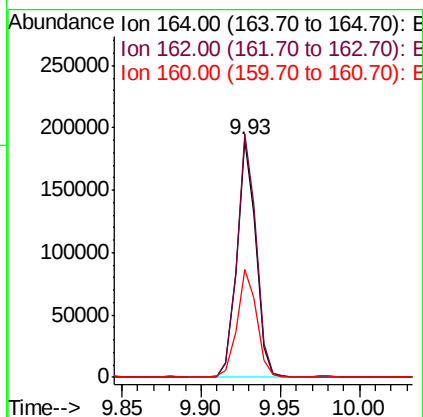
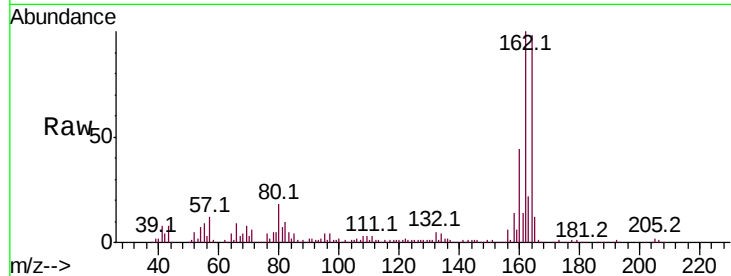




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF111900.D
Acq: 8 Jan 2019 2:04

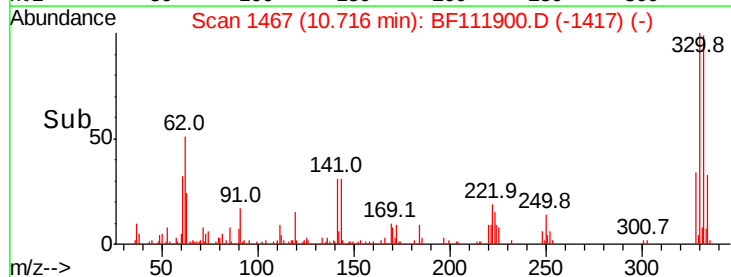
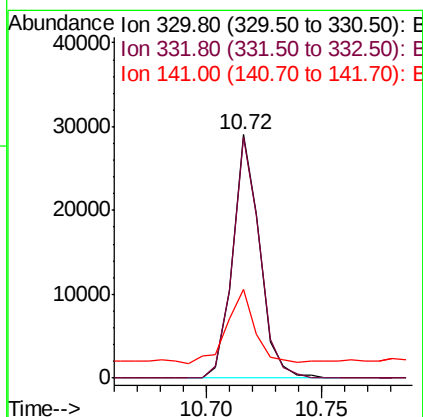
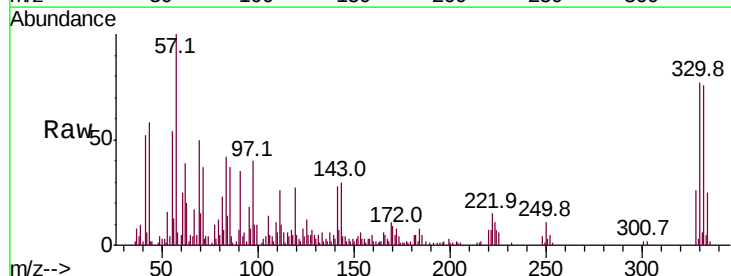
Instrument :
BNA_F
ClientSampleId :
P-1419-S

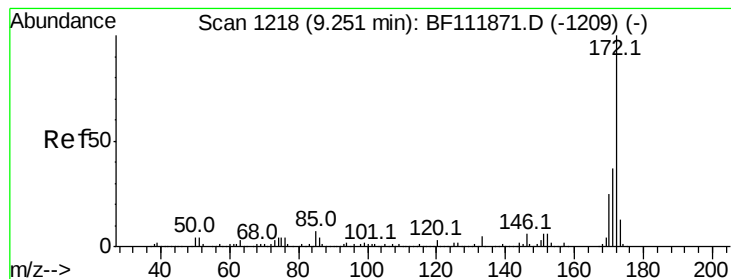
Tot Ion:164 Resp: 158909
Ion Ratio Lower Upper
164 100
162 102.6 82.2 123.2
160 45.3 35.5 53.3



#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 :

P-1419-S

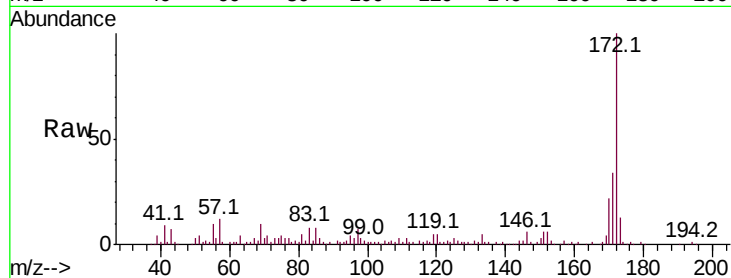
Tot Ion:172 Resp: 100827

Ion Ratio Lower Upper

172 100

171 33.6 29.6 44.4

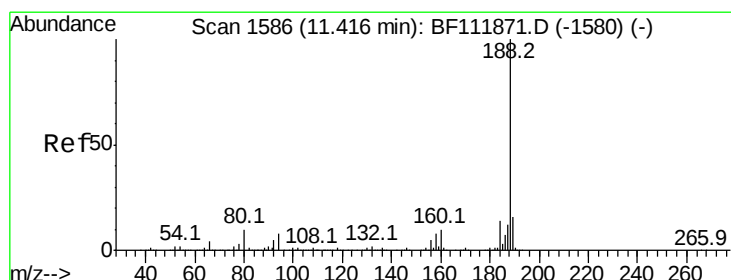
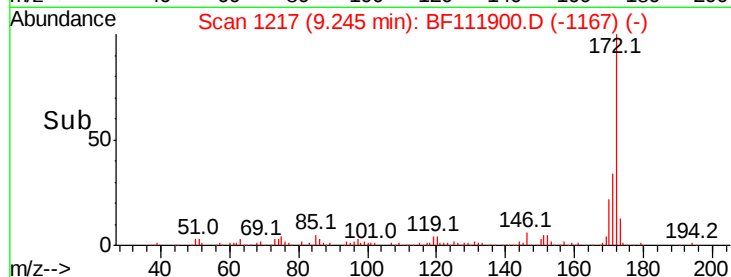
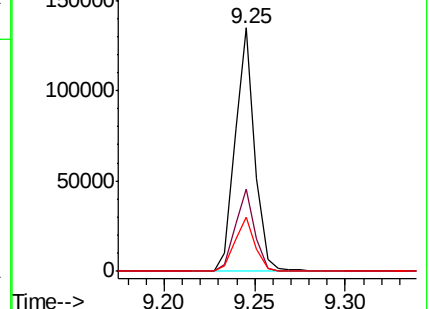
170 22.1 19.8 29.8



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

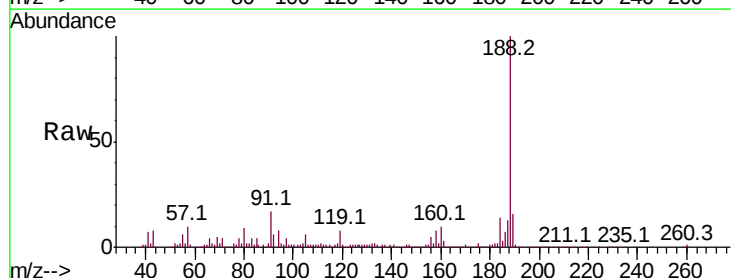
Tgt Ion:188 Resp: 315047

Ion Ratio Lower Upper

188 100

94 7.7 6.6 10.0

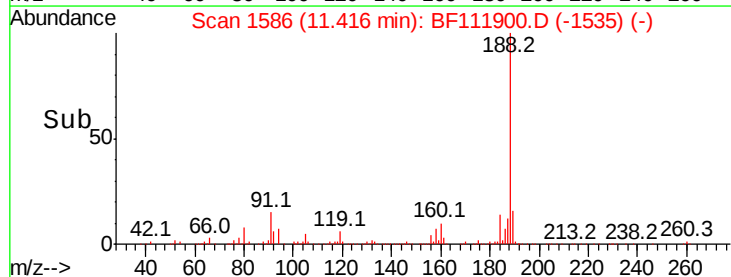
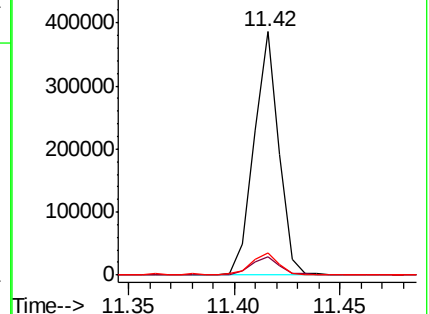
80 9.1 7.7 11.5

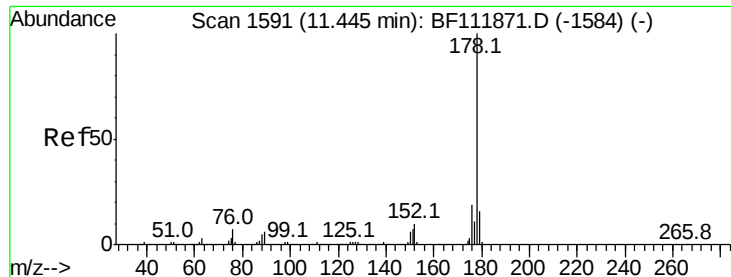


Abundance Ion 188.00 (187.70 to 188.70): E

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 :

P-1419-S

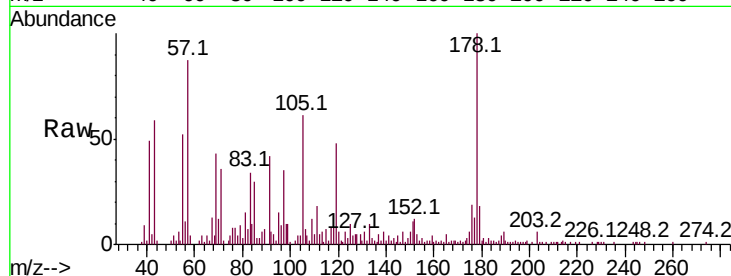
Tot Ion:178 Resp: 36178

Ion Ratio Lower Upper

178 100

176 18.7 15.6 23.4

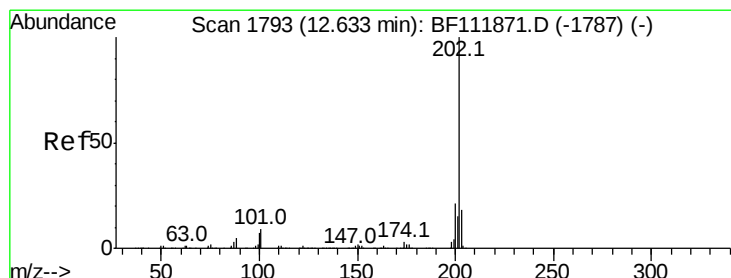
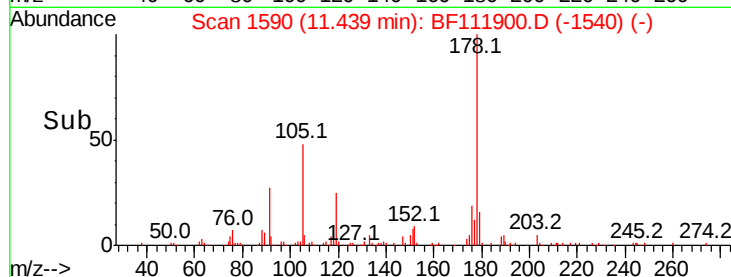
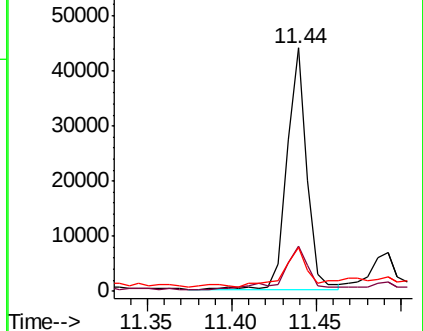
179 17.9 12.6 18.8



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



#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

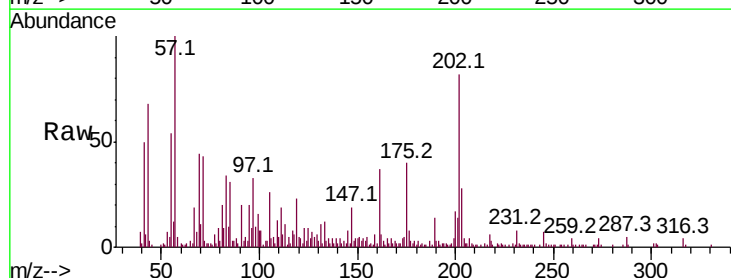
Tgt Ion:202 Resp: 35590

Ion Ratio Lower Upper

202 100

101 10.3 0.0 29.3

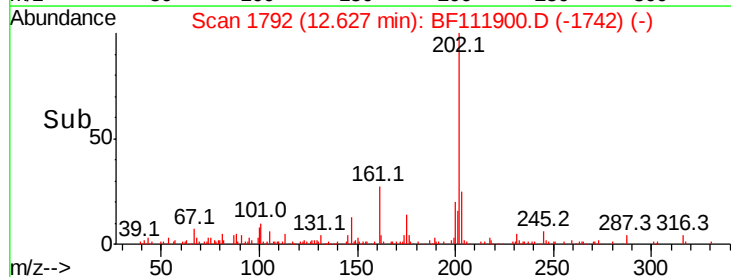
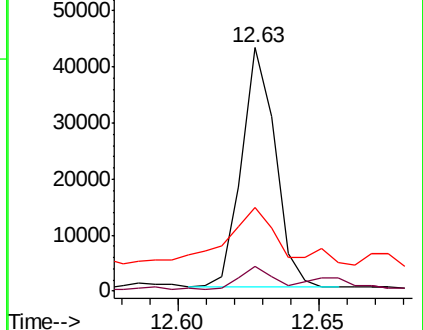
203 34.5 0.0 37.6

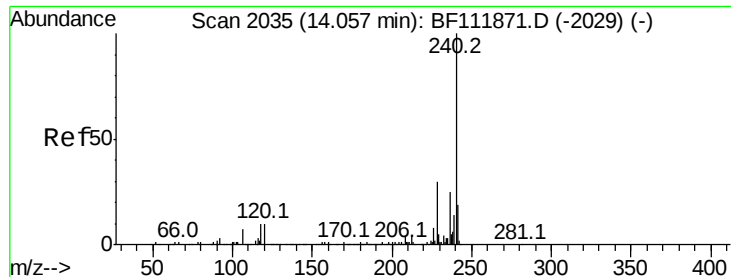


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

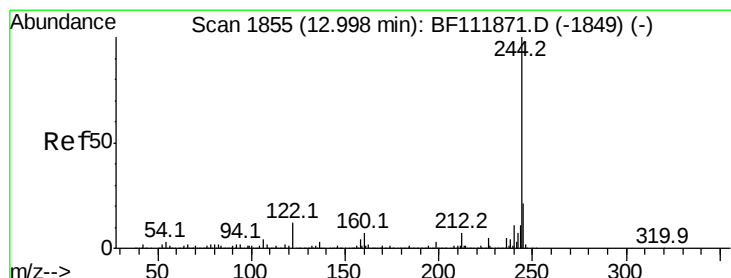
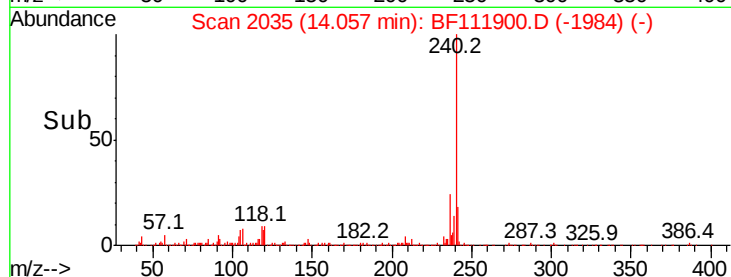
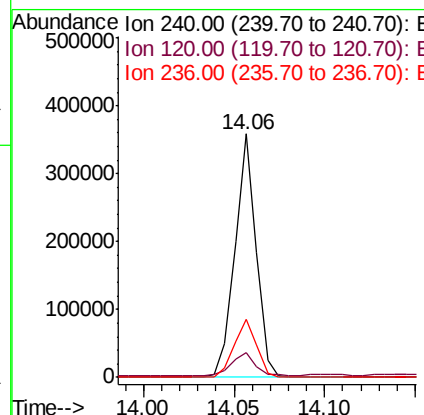
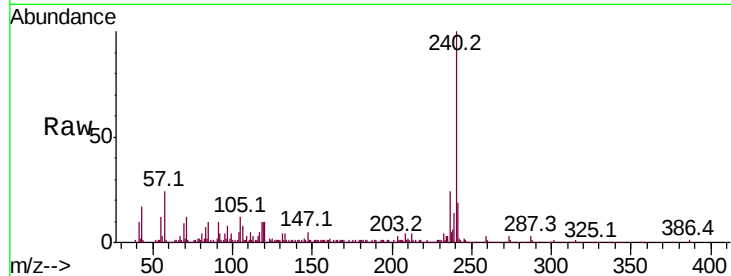




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BF111900.D
 Acq: 8 Jan 2019 2:04

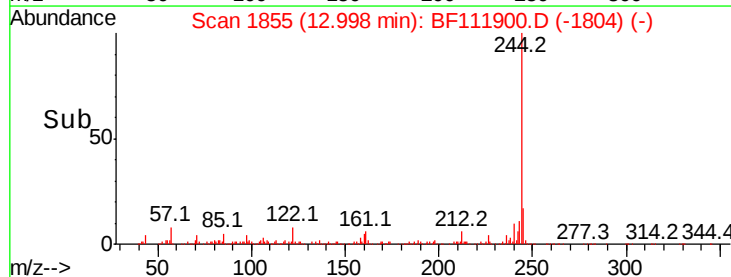
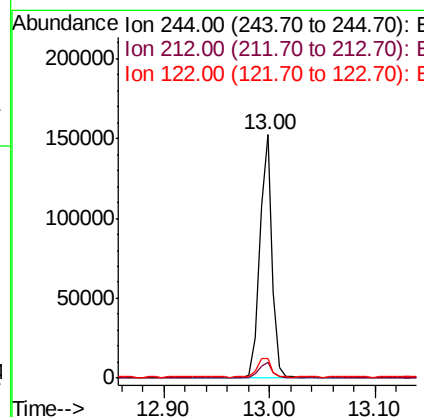
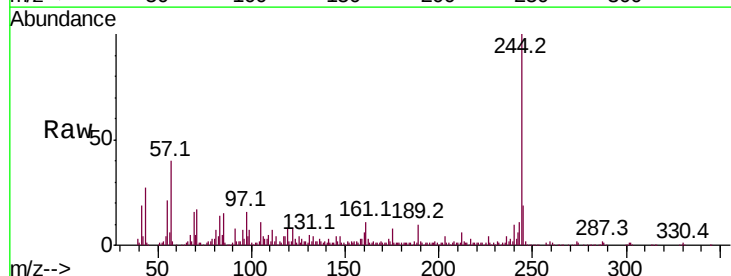
Instrument :
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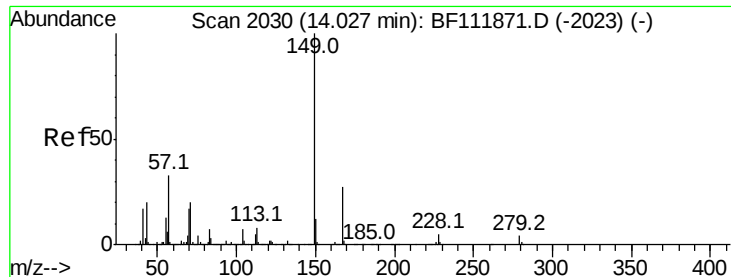
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.2	12.2
236	24.0	20.2	30.4



#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

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.8	8.8
122	8.2	9.5	14.3#





#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

Instrument :

BNA_F

ClientSampleId :

P-1419-S

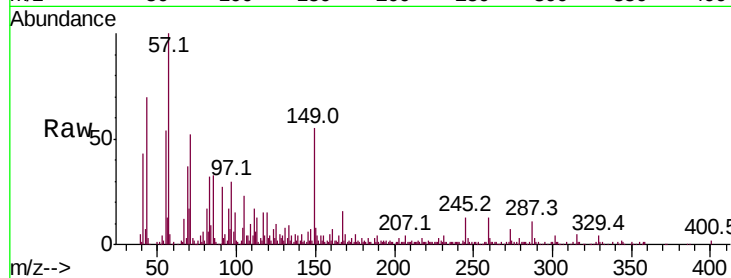
Tot Ion:149 Resp: 44729

Ion Ratio Lower Upper

149 100

167 29.1 21.5 32.3

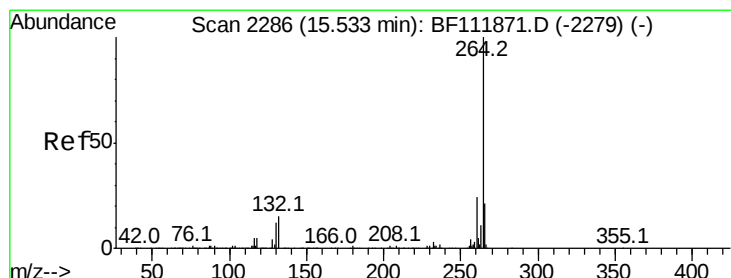
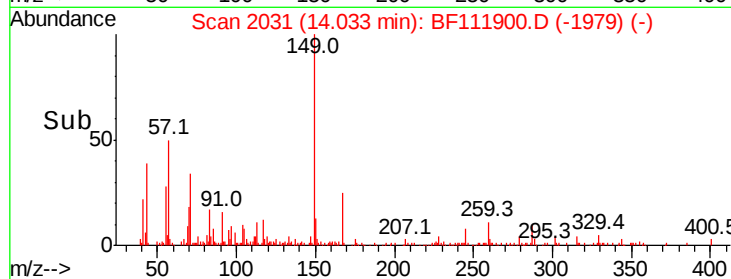
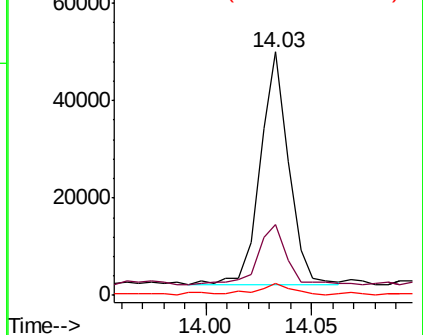
279 4.7 3.0 4.6#



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

Perylene-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

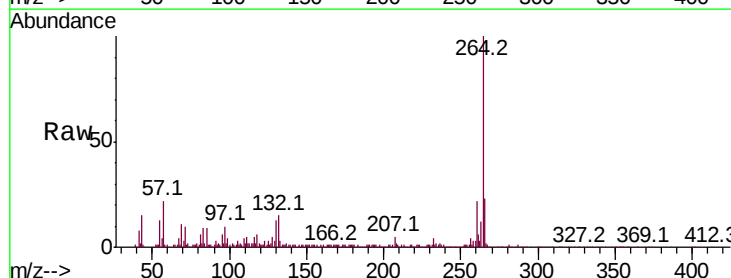
Tgt Ion:264 Resp: 214422

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

