

Data File : BF116046.D
Acq On : 7 Aug 2019 13:14
Operator : HP/JU
Sample : K4154-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PS-6

Quant Time: Aug 08 07:41:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration

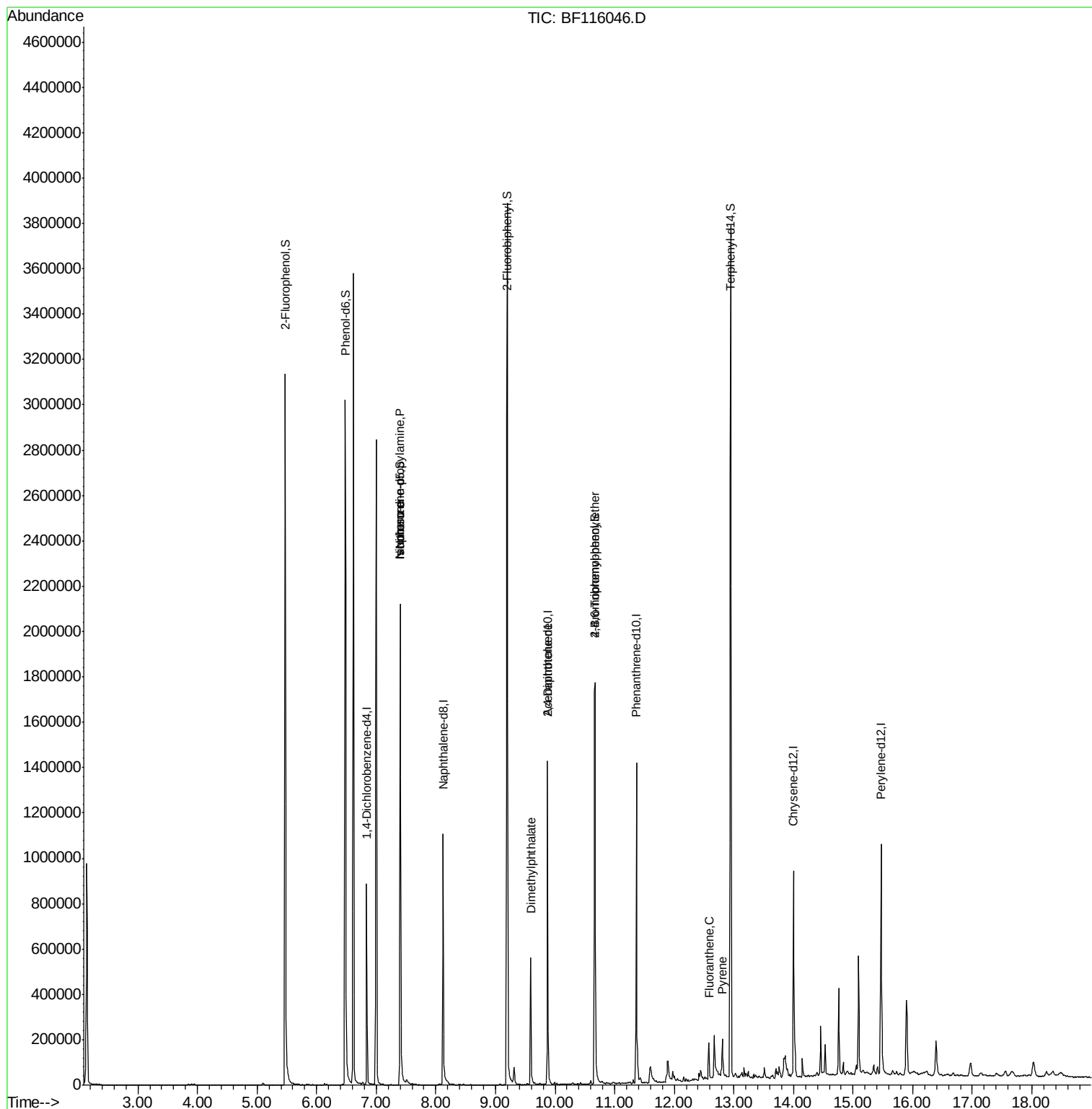
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	139572	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	552247	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	297771	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	526911	20.00	ng	0.00
76) Chrysene-d12	14.00	240	294794	20.00	ng	0.00
87) Perylene-d12	15.47	264	309195	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	981912	117.77	ng	0.00
7) Phenol-d6	6.48	99	1284232	122.09	ng	0.00
23) Nitrobenzene-d5	7.40	82	792401	82.82	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	264057	91.47	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1311906	82.52	ng	0.00
79) Terphenyl-d14	12.94	244	1284044	91.78	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	107490	16.490	ng	# 82
25) Isophorone	7.40	82	787586	43.052	ng	# 65
50) Dimethylphthalate	9.59	163	284787	14.046	ng	98
57) 2,4-Dinitrotoluene	9.87	165	38252	6.521	ng	# 20
67) 4-Bromophenyl-phenylether	10.67	248	15804	2.802	ng	# 1
75) Fluoranthene	12.58	202	71909	2.550	ng	97
78) Pyrene	12.80	202	72951	3.283	ng	97

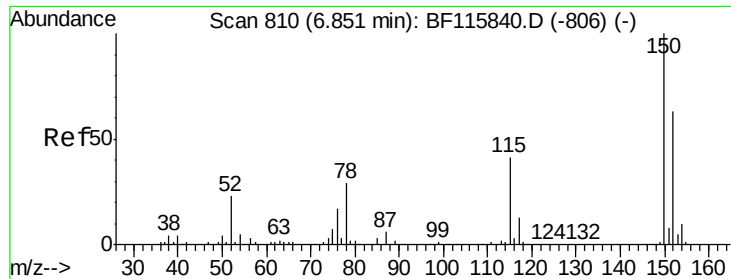
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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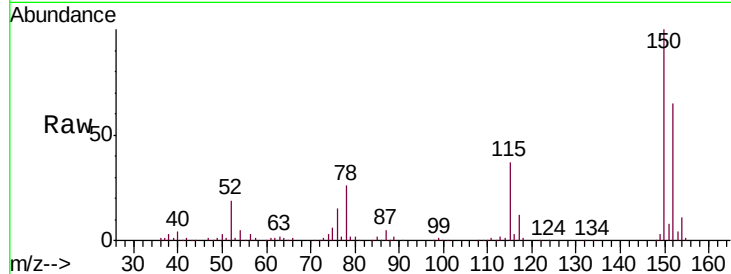


#1

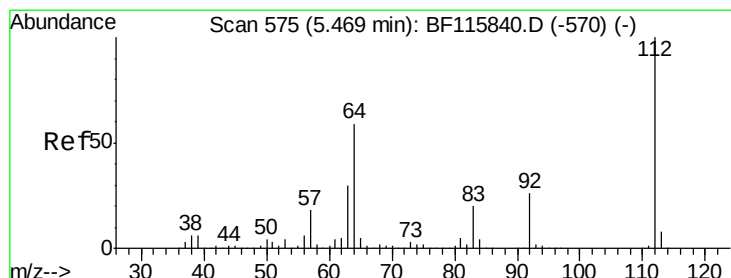
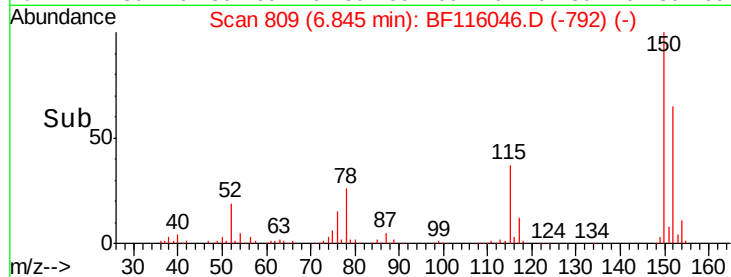
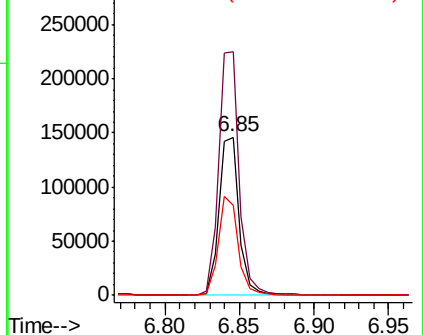
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF116046.D
Acq: 7 Aug 2019 13:14

Instrument :
BNA_F
ClientSampleId :
PS-6

Tgt Ion:152 Resp: 139572
Ion Ratio Lower Upper
152 100
150 153.8 126.2 189.2
115 57.2 49.9 74.9



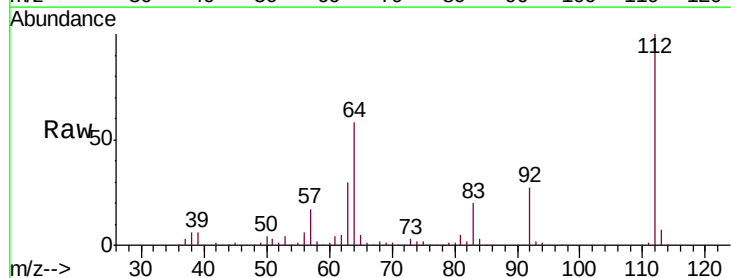
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



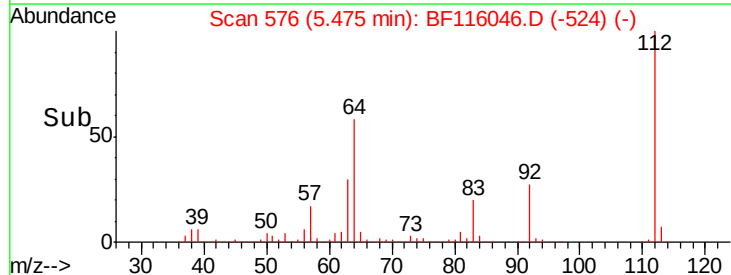
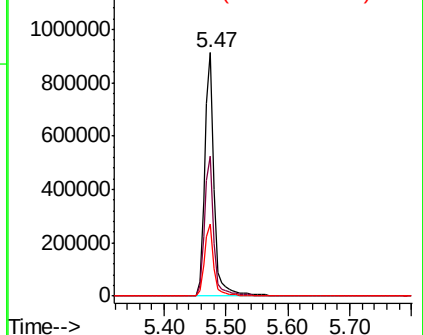
#5

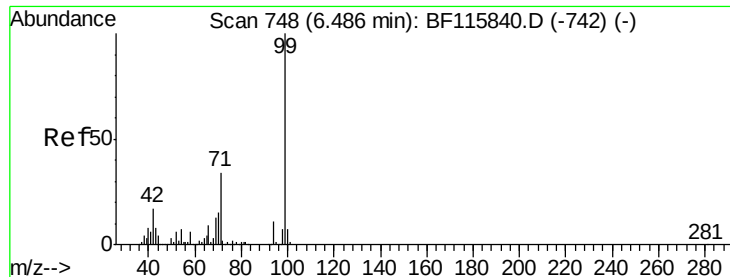
2-Fluorophenol
Concen: 117.773 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF116046.D
Acq: 7 Aug 2019 13:14

Tgt Ion:112 Resp: 981912
Ion Ratio Lower Upper
112 100
64 57.6 45.4 68.2
63 29.8 23.7 35.5



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: 122.087 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116046.D

Acq: 7 Aug 2019 13:14

Instrument :

BNA_F

ClientSampled :

PS-6

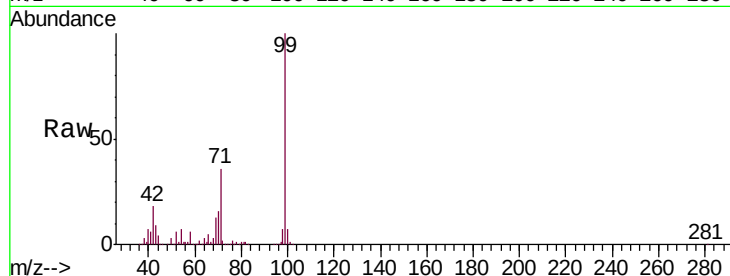
Tgt Ion: 99 Resp: 1284232

Ion Ratio Lower Upper

99 100

42 17.9 13.8 20.8

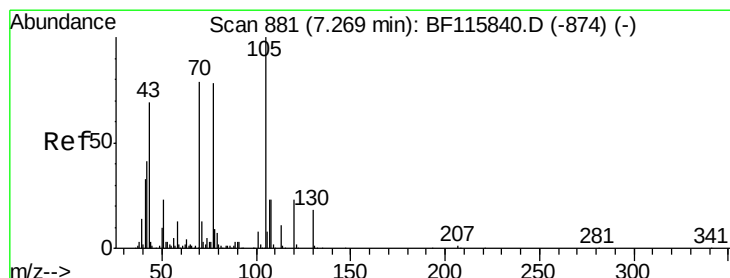
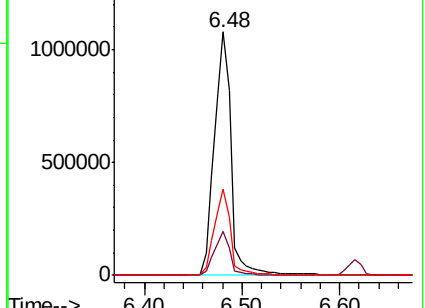
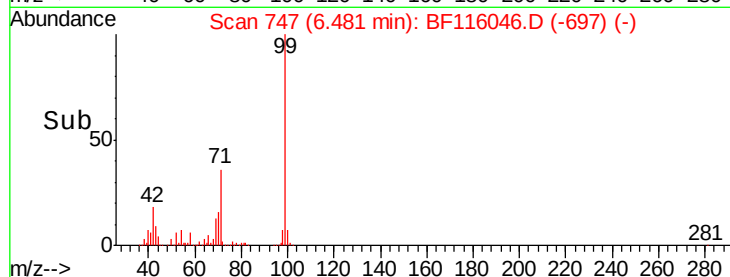
71 35.5 27.3 40.9



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.490 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.14 min

Lab File: BF116046.D

Acq: 7 Aug 2019 13:14

Tgt Ion: 70 Resp: 107490

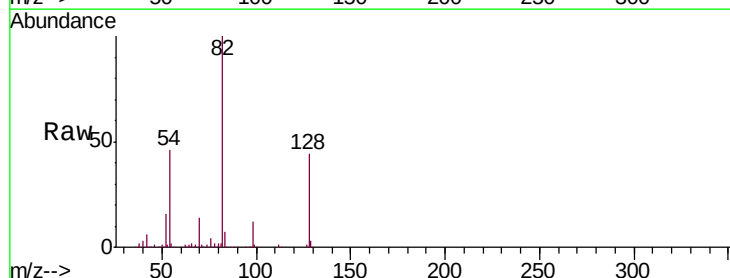
Ion Ratio Lower Upper

70 100

42 45.6 40.9 61.3

101 0.0 7.9 11.9#

130 2.2 16.9 25.3#

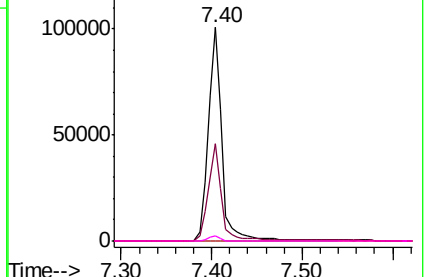
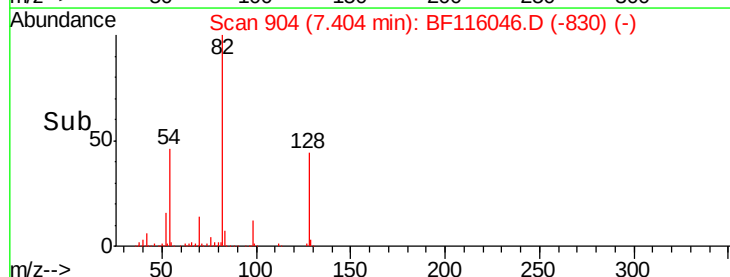


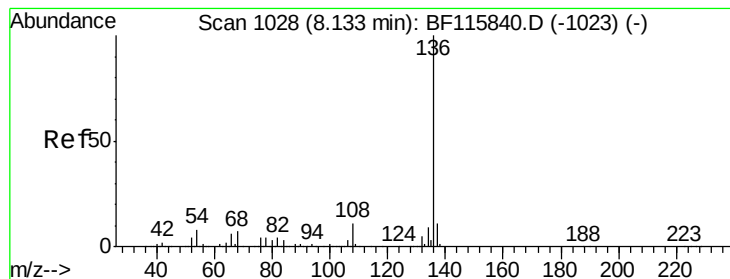
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF116046.D

Acq: 7 Aug 2019 13:14

Instrument :

BNA_F

ClientSampleId :

PS-6

Tgt Ion: 136 Resp: 552247

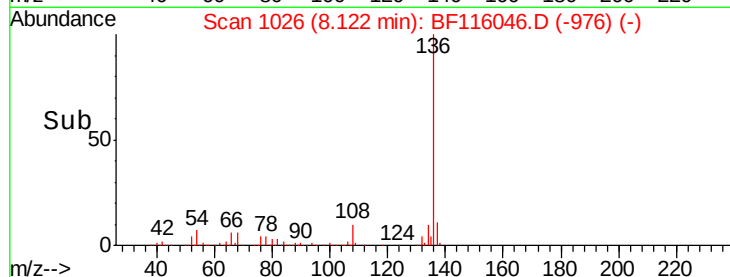
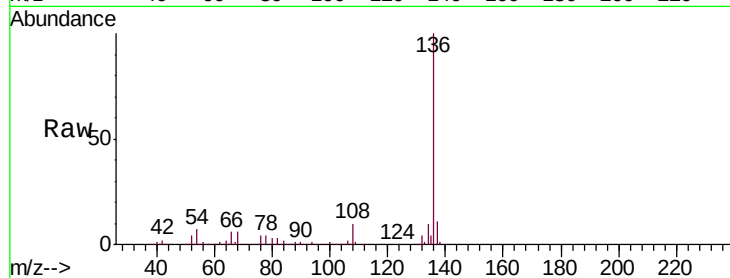
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 7.4 5.8 8.6

68 6.1 5.2 7.8

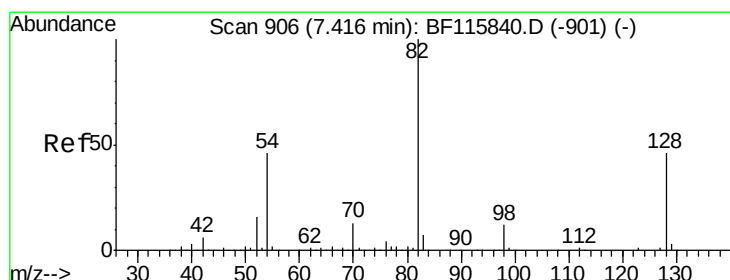
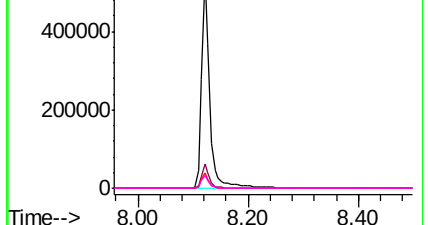


Abundance Ion 136.00 (135.70 to 136.70): E

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: 82.825 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF116046.D

Acq: 7 Aug 2019 13:14

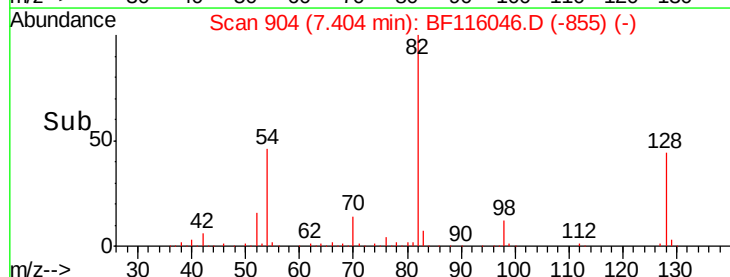
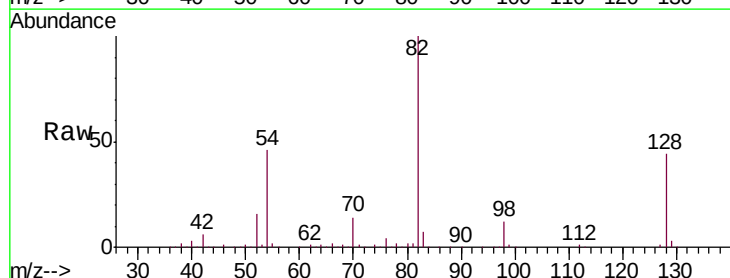
Tgt Ion: 82 Resp: 792401

Ion Ratio Lower Upper

82 100

128 44.4 36.5 54.7

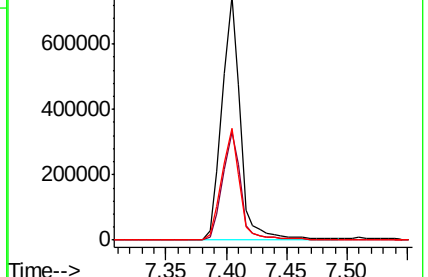
54 46.0 36.0 54.0

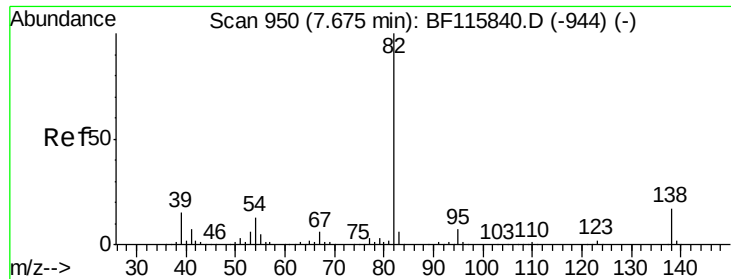


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 43.052 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.27 min

Lab File: BF116046.D

Acq: 7 Aug 2019 13:14

Instrument :

BNA_F

ClientSampleId :

PS-6

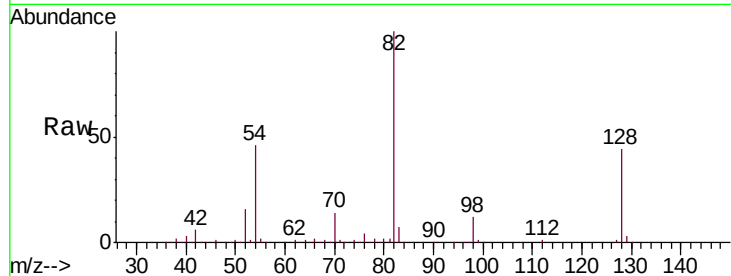
Tgt Ion: 82 Resp: 787586

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

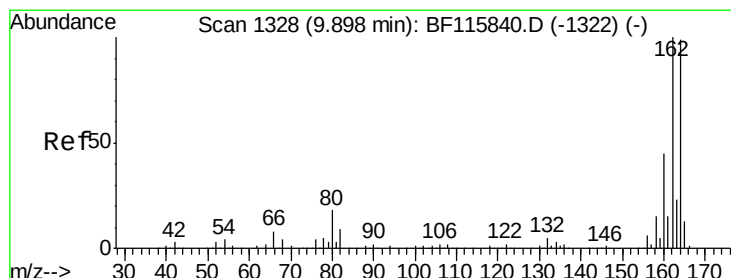
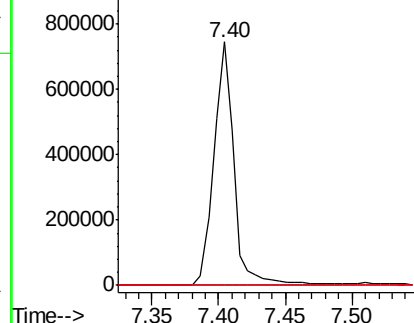
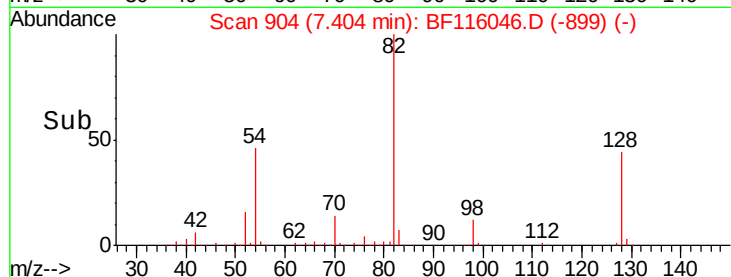
138 0.0 14.5 21.7#



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: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF116046.D

Acq: 7 Aug 2019 13:14

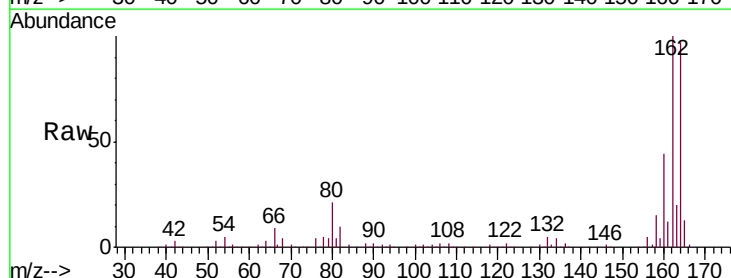
Tgt Ion: 164 Resp: 297771

Ion Ratio Lower Upper

164 100

162 102.6 82.6 124.0

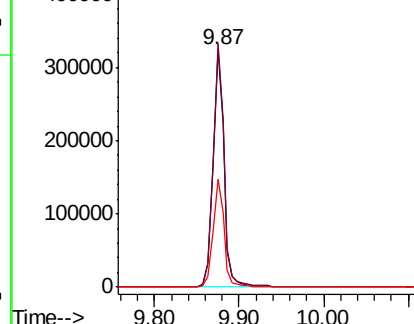
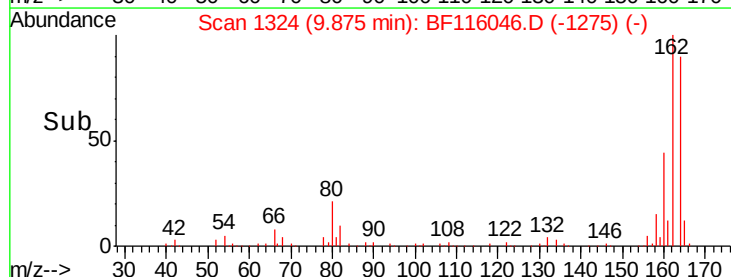
160 45.4 37.6 56.4

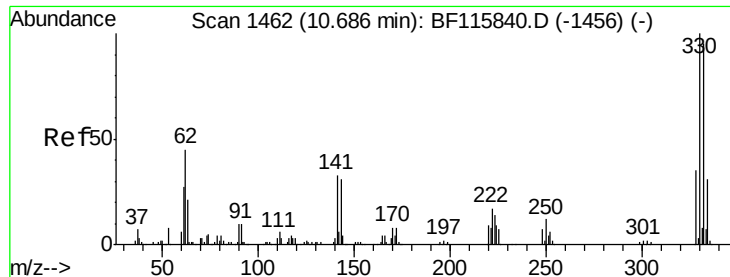


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

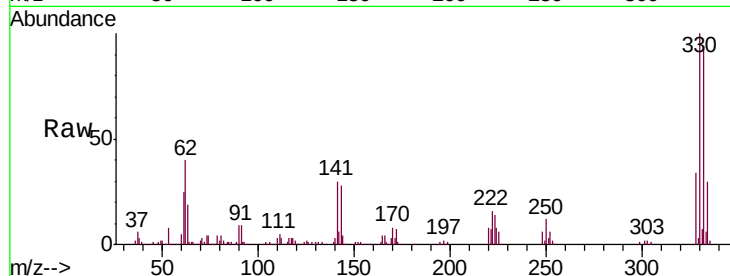




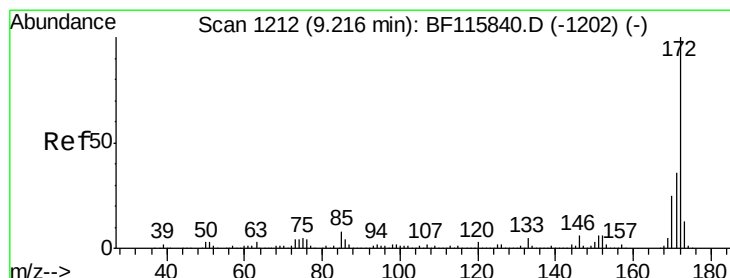
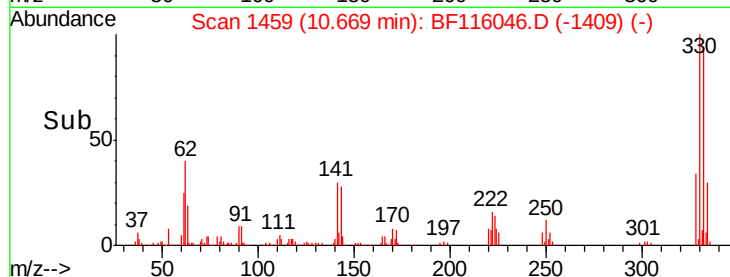
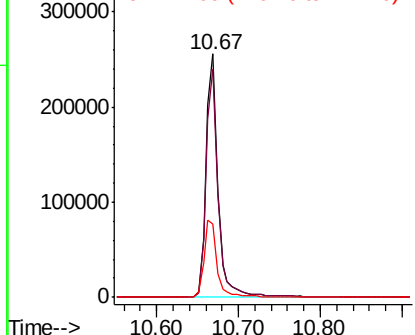
#42
 2,4,6-Tribromophenol
 Concen: 91.465 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF116046.D
 Acq: 7 Aug 2019 13:14

Instrument :
 BNA_F
 ClientSampleId :
 PS-6

Tgt Ion:330 Resp: 264057
 Ion Ratio Lower Upper
 330 100
 332 94.2 76.8 115.2
 141 34.5 26.3 39.5

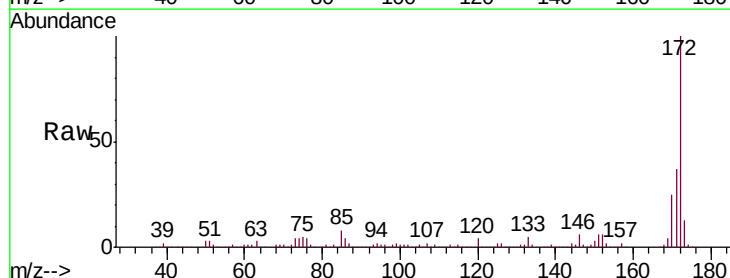


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

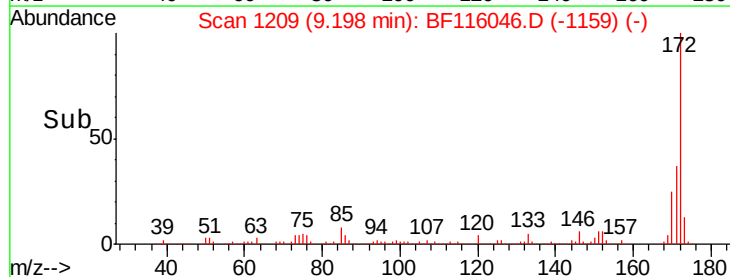
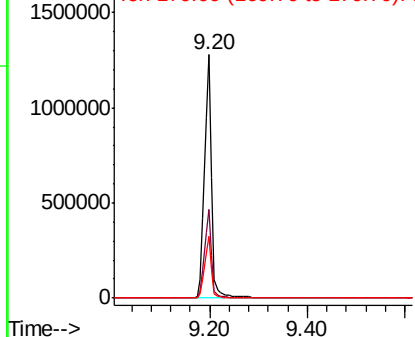


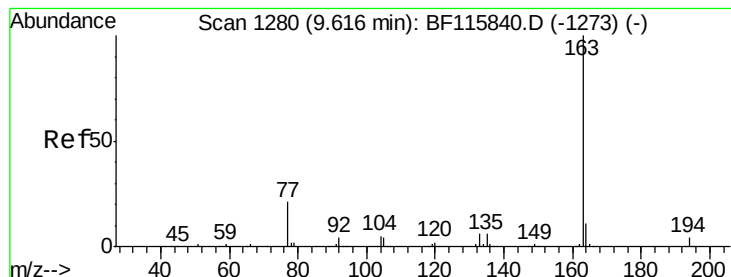
#45
 2-Fluorobiphenyl
 Concen: 82.523 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF116046.D
 Acq: 7 Aug 2019 13:14

Tgt Ion:172 Resp: 1311906
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 25.2 20.1 30.1



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: 14.046 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BF116046.D

Acq: 7 Aug 2019 13:14

Instrument :

BNA_F

ClientSampleId :

PS-6

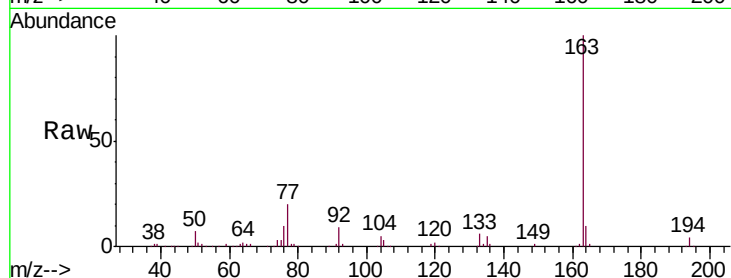
Tgt Ion:163 Resp: 284787

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

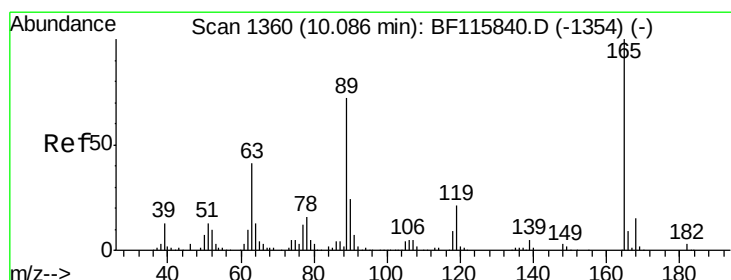
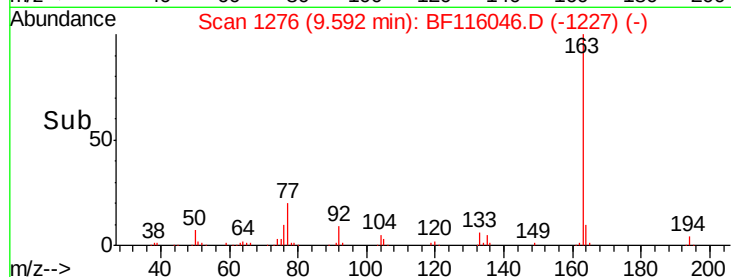
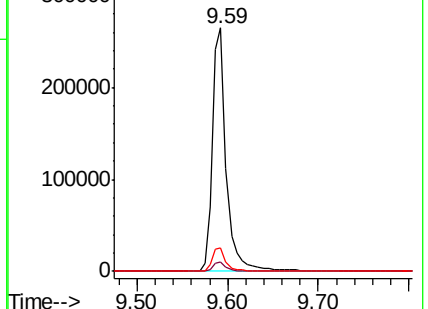
164 9.7 8.4 12.6



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



#57

2,4-Dinitrotoluene

Concen: 6.521 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.21 min

Lab File: BF116046.D

Acq: 7 Aug 2019 13:14

Tgt Ion:165 Resp: 38252

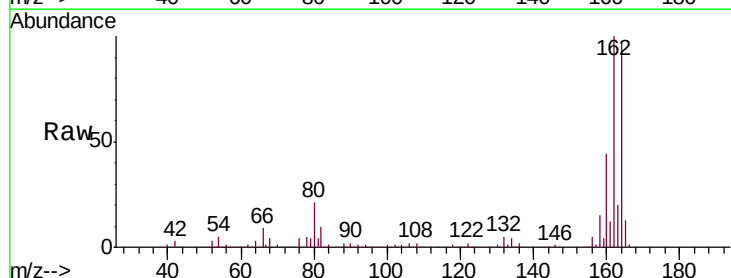
Ion Ratio Lower Upper

165 100

63 1.1 39.6 59.4#

89 1.5 62.2 93.2#

182 0.0 2.1 3.1#

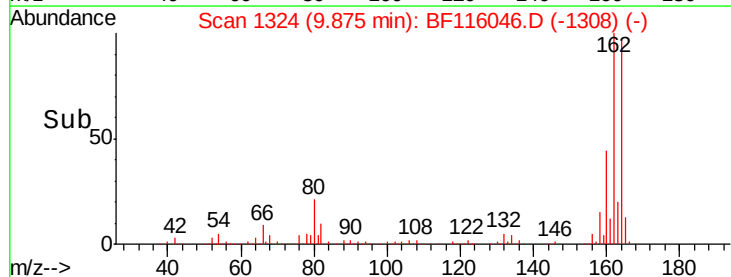
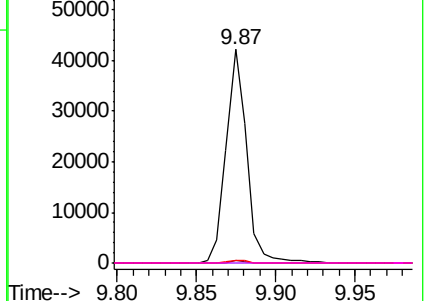


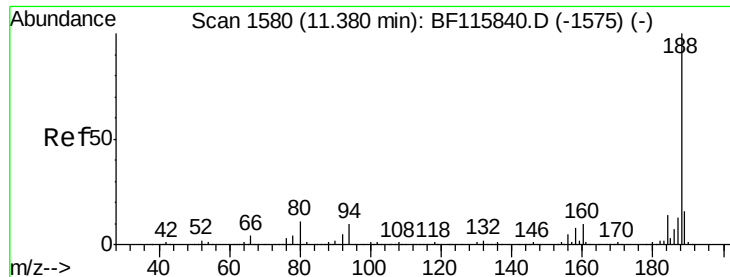
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

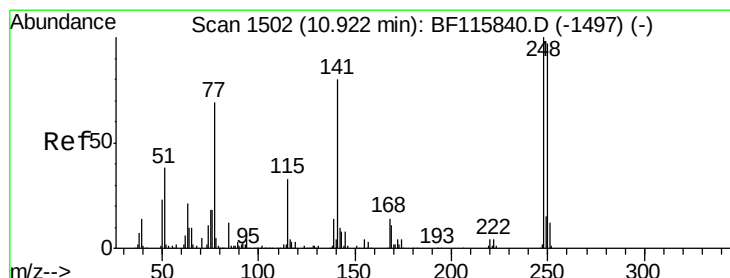
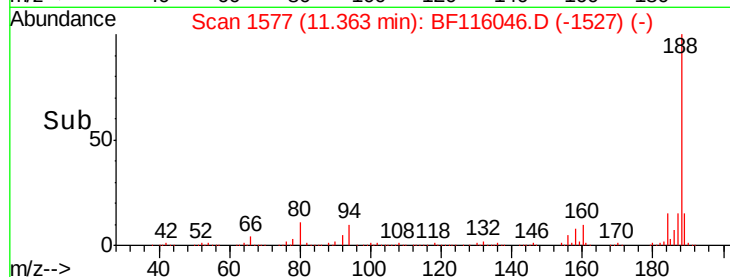
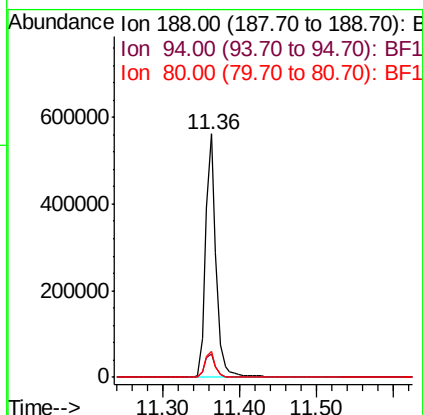
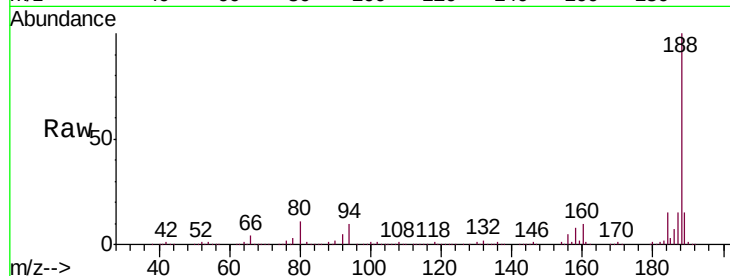




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF116046.D
 Acq: 7 Aug 2019 13:14

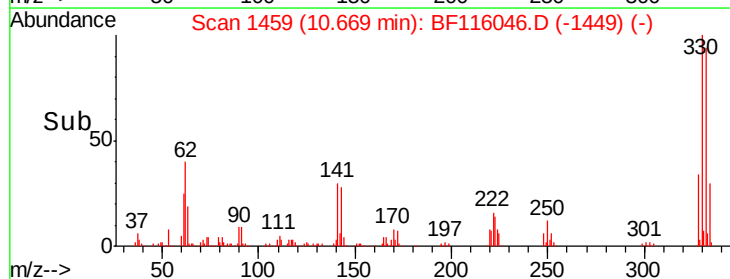
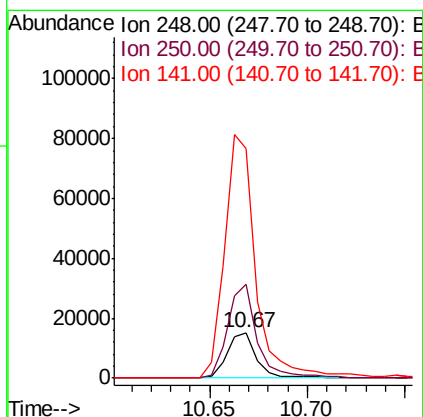
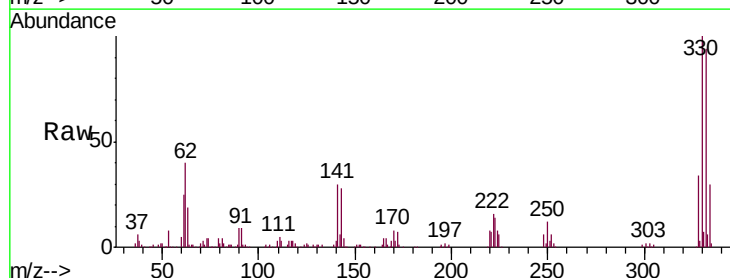
Instrument :
 BNA_F
 ClientSampleId :
 PS-6

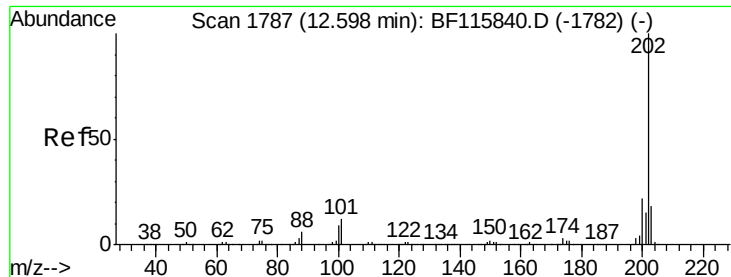
Tgt Ion:188 Resp: 526911
 Ion Ratio Lower Upper
 188 100
 94 9.7 8.1 12.1
 80 10.5 8.7 13.1



#67
 4-Bromophenyl-phenylether
 Concen: 2.802 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.24 min
 Lab File: BF116046.D
 Acq: 7 Aug 2019 13:14

Tgt Ion:248 Resp: 15804
 Ion Ratio Lower Upper
 248 100
 250 205.2 77.4 116.2#
 141 502.7 56.8 85.2#





#75

Fluoranthene

Concen: 2.550 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF116046.D

Acq: 7 Aug 2019 13:14

Instrument :

BNA_F

ClientSampleId :

PS-6

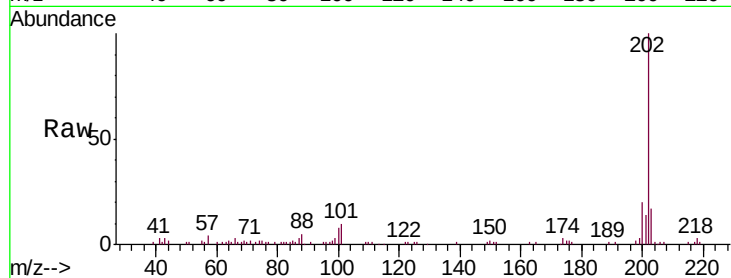
Tgt Ion:202 Resp: 71909

Ion Ratio Lower Upper

202 100

101 10.3 0.0 31.2

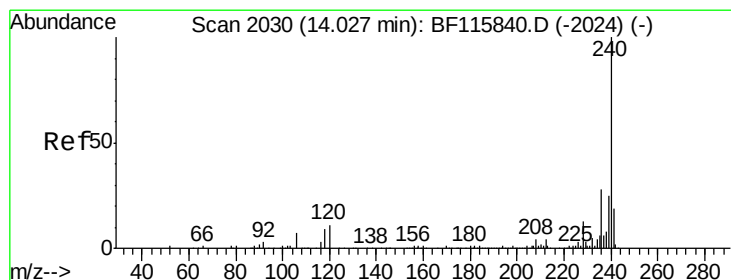
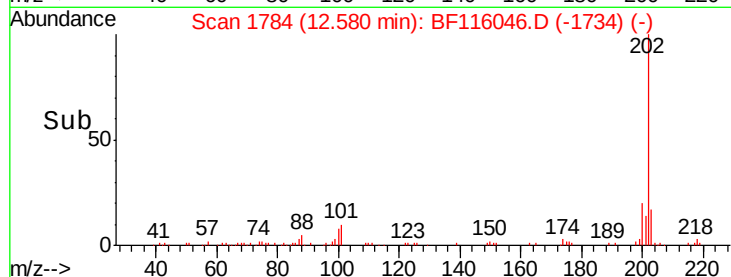
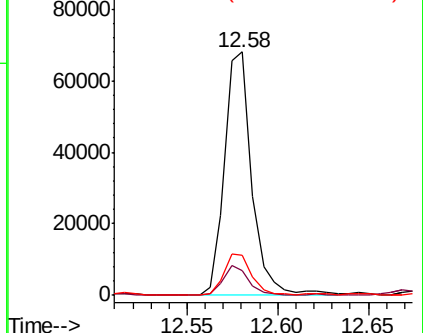
203 16.7 0.0 37.8



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: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF116046.D

Acq: 7 Aug 2019 13:14

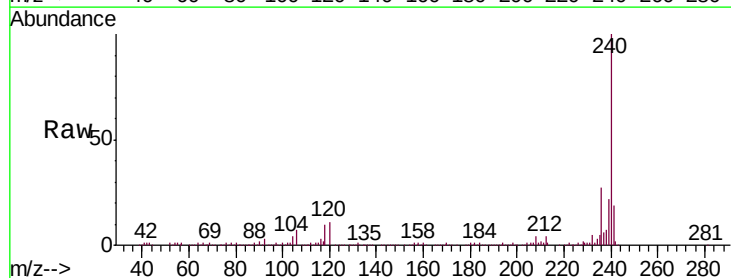
Tgt Ion:240 Resp: 294794

Ion Ratio Lower Upper

240 100

120 11.1 10.7 16.1

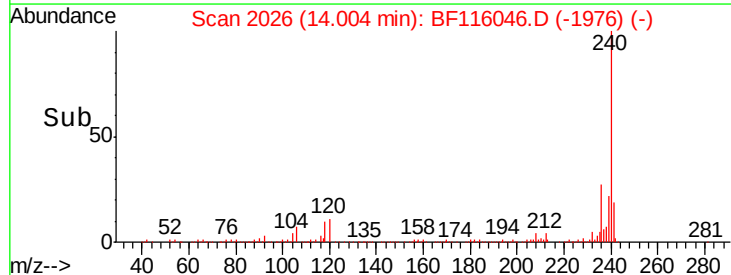
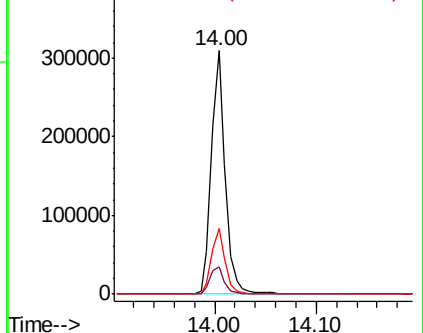
236 27.2 22.2 33.2

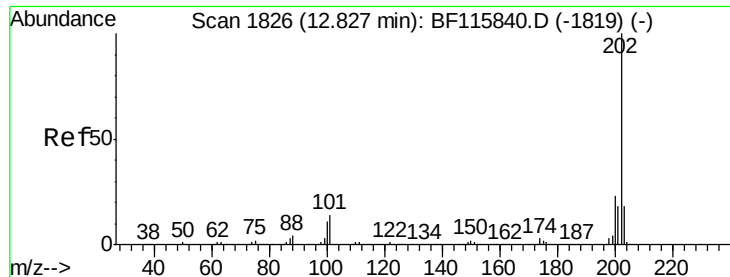


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

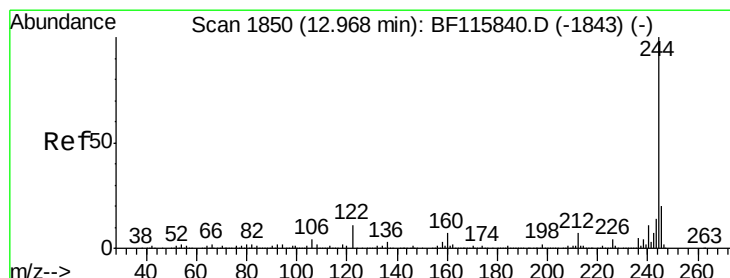
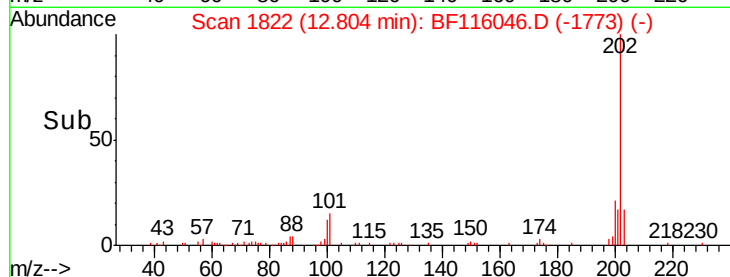
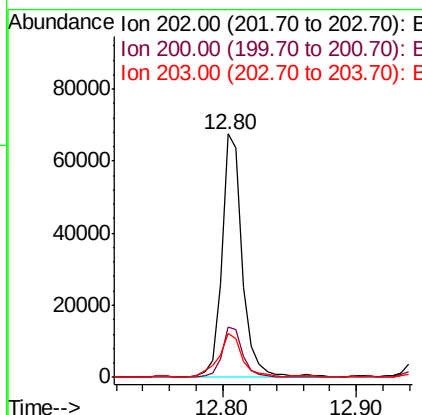
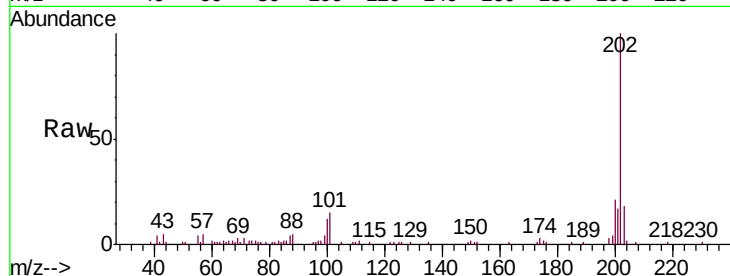




#78
Pyrene
Concen: 3.283 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BF116046.D
Acq: 7 Aug 2019 13:14

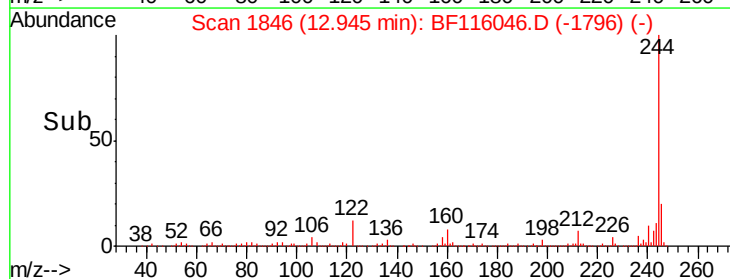
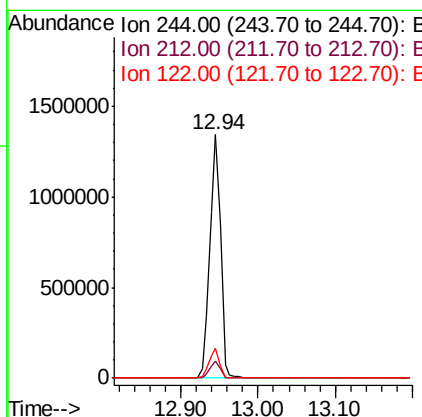
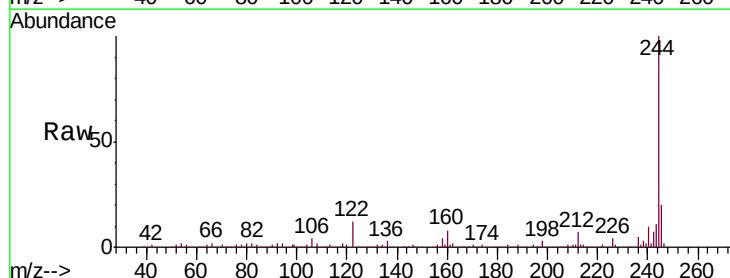
Instrument :
BNA_F
ClientSampleId :
PS-6

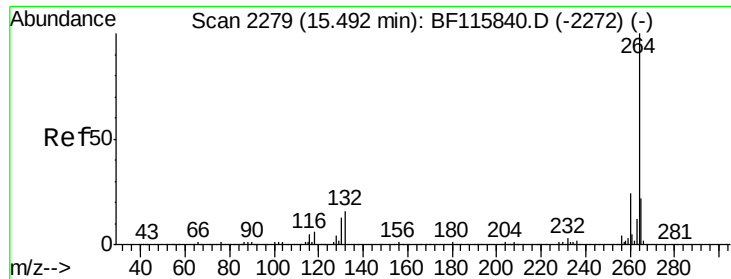
Tgt Ion: 202 Resp: 72951
Ion Ratio Lower Upper
202 100
200 20.8 18.0 27.0
203 18.1 14.1 21.1



#79
Terphenyl-d14
Concen: 91.782 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF116046.D
Acq: 7 Aug 2019 13:14

Tgt Ion: 244 Resp: 1284044
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 12.4 9.0 13.4

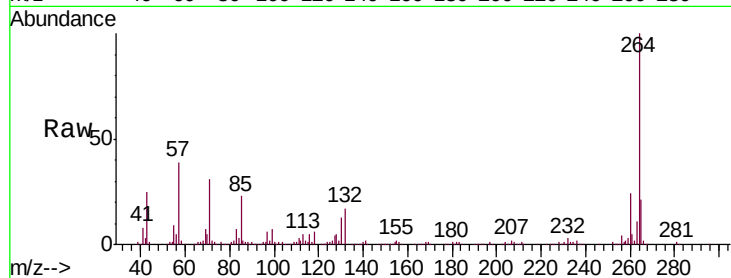




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF116046.D
Acq: 7 Aug 2019 13:14

Instrument :
BNA_F
ClientSampleId :
PS-6

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.7	29.5
265	21.3	17.4	26.0



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

