

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081219\
 Data File : BF116186.D
 Acq On : 12 Aug 2019 12:38
 Operator : HP/JU
 Sample : PB122104BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122104BL

Quant Time: Aug 12 15:02:47 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

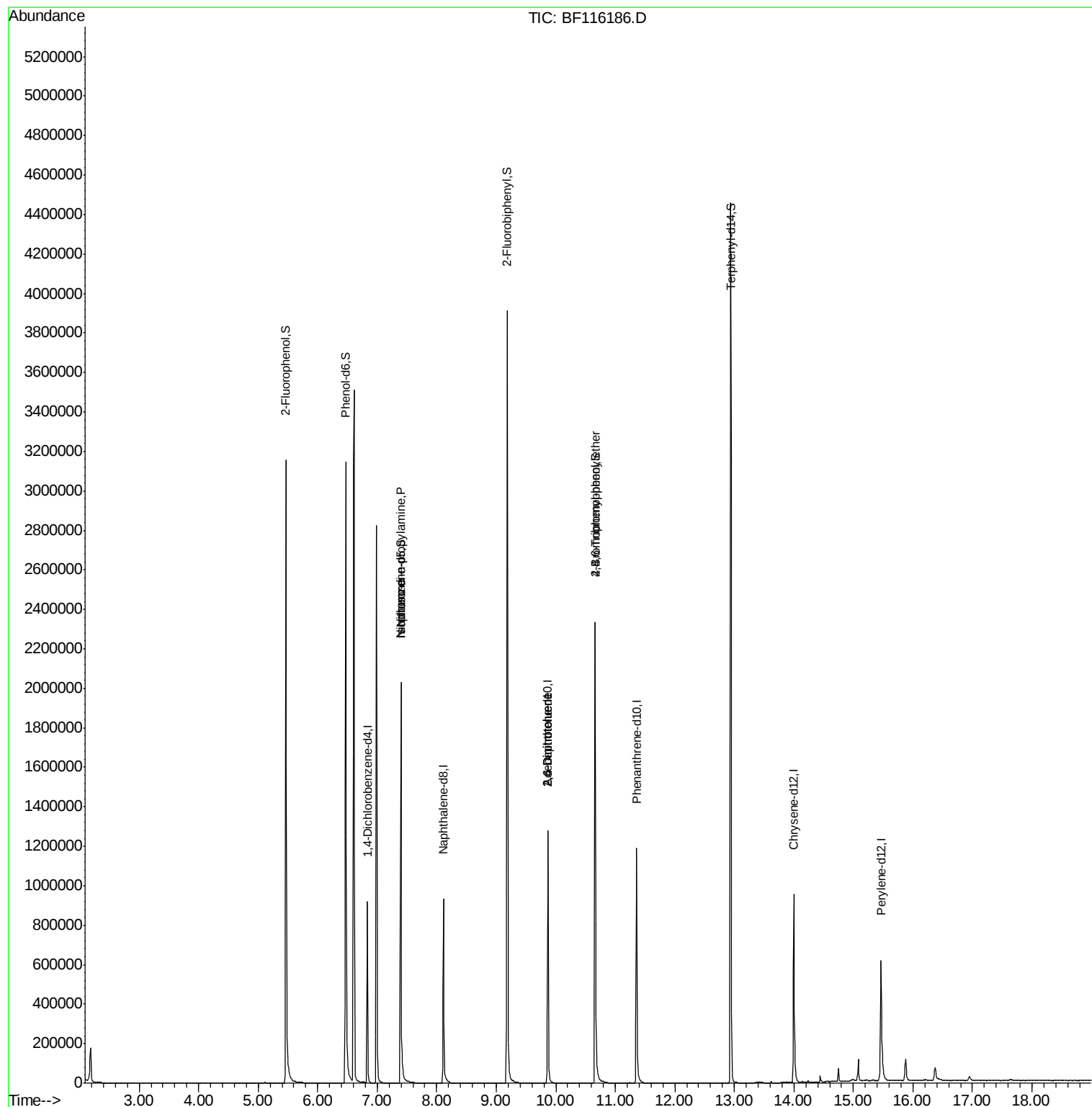
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	138565	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	542857	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	297013	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	548296	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	405270	20.00	ng	-0.01
87) Perylene-d12	15.46	264	361820	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1007309	121.70	ng	0.00
7) Phenol-d6	6.47	99	1320584	126.45	ng	-0.01
23) Nitrobenzene-d5	7.40	82	854097	90.82	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	380195	132.03	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1531813	96.60	ng	-0.02
79) Terphenyl-d14	12.94	244	1754061	91.20	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	113980	17.613	ng	# 79
25) Isophorone	7.40	82	854090	47.495	ng	# 65
51) 2,6-Dinitrotoluene	9.87	165	37363	8.502	ng	# 29
57) 2,4-Dinitrotoluene	9.87	165	37363	6.385	ng	# 21
67) 4-Bromophenyl-phenylether	10.66	248	23154	3.945	ng	# 1

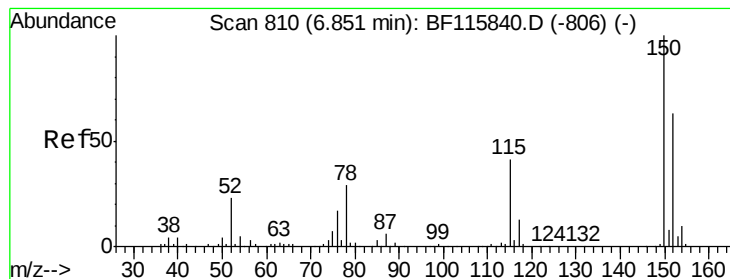
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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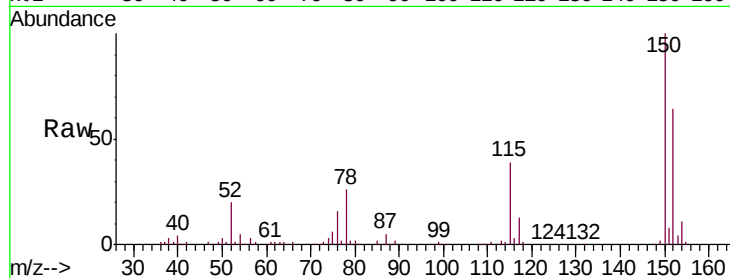


#1

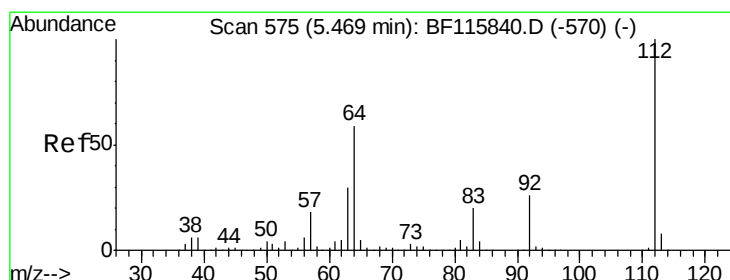
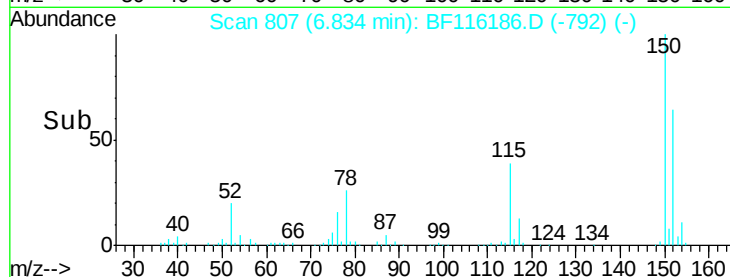
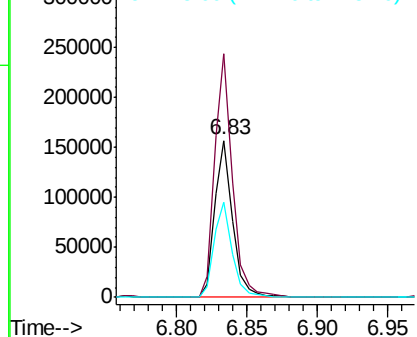
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF116186.D
Acq: 12 Aug 2019 12:38

Instrument :
BNA_F
ClientSampleId :
PB122104BL

Tgt Ion:152 Resp: 138565
Ion Ratio Lower Upper
152 100
150 155.3 126.2 189.2
115 61.1 49.9 74.9



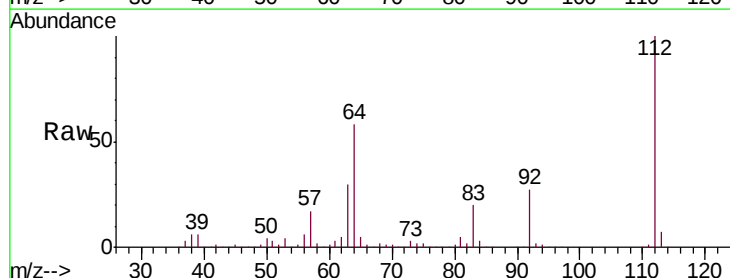
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



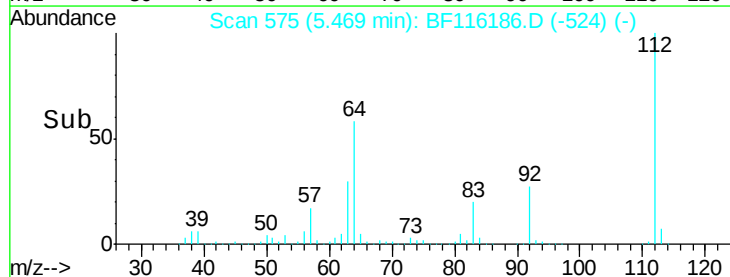
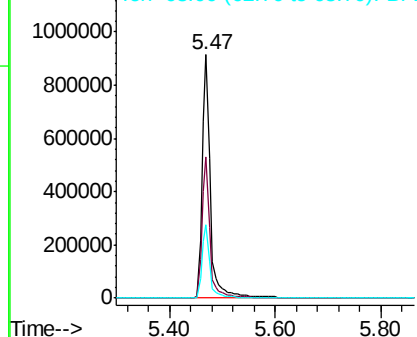
#5

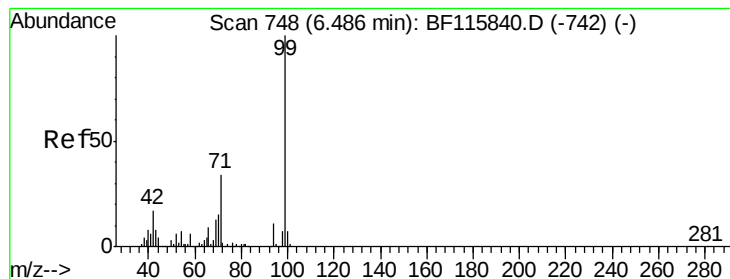
2-Fluorophenol
Concen: 121.697 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.00 min
Lab File: BF116186.D
Acq: 12 Aug 2019 12:38

Tgt Ion:112 Resp: 1007309
Ion Ratio Lower Upper
112 100
64 57.9 45.4 68.2
63 30.2 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: 126.455 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116186.D

Acq: 12 Aug 2019 12:38

Instrument :

BNA_F

ClientSampleId :

PB122104BL

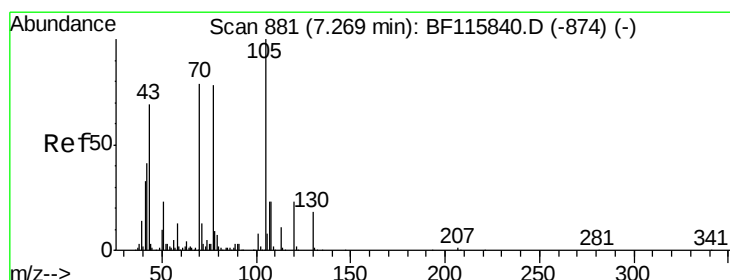
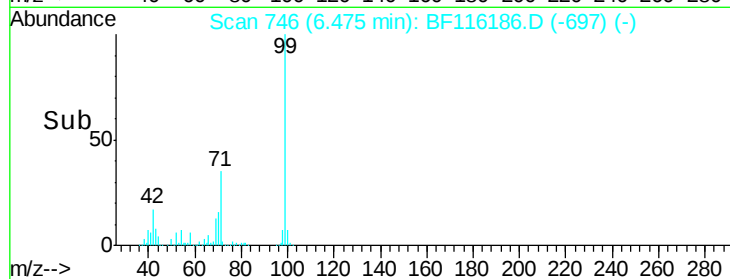
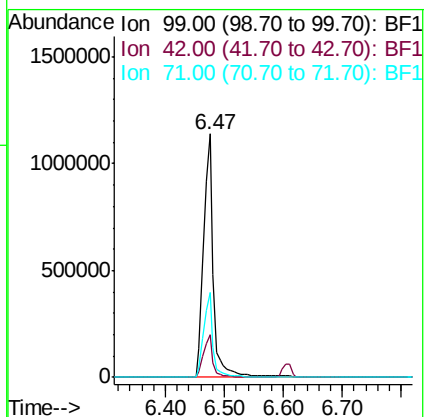
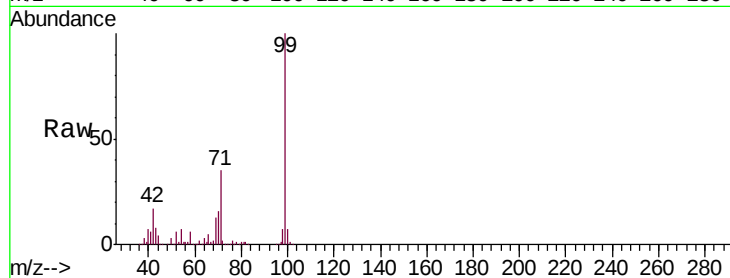
Tgt Ion: 99 Resp: 1320584

Ion Ratio Lower Upper

99 100

42 17.3 13.8 20.8

71 35.0 27.3 40.9



#19

n-Nitroso-di-n-propylamine

Concen: 17.613 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.13 min

Lab File: BF116186.D

Acq: 12 Aug 2019 12:38

Tgt Ion: 70 Resp: 113980

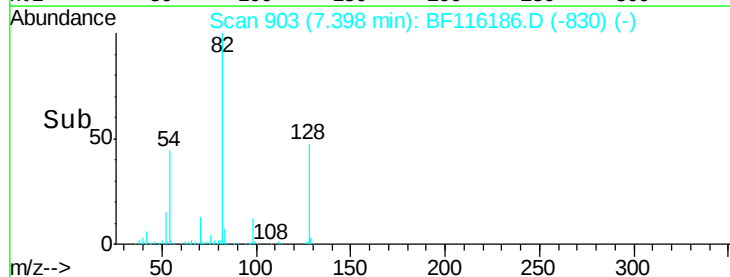
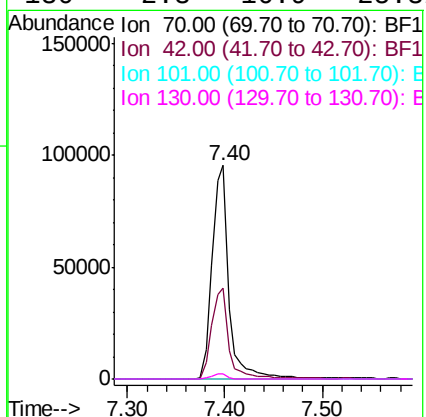
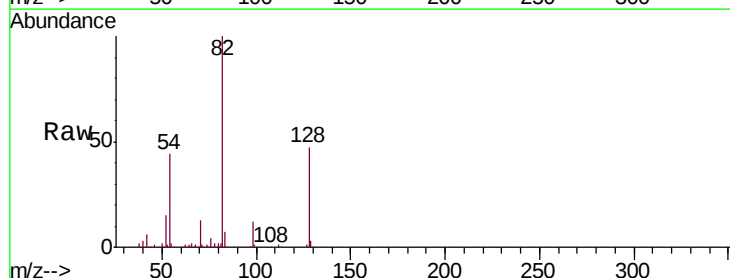
Ion Ratio Lower Upper

70 100

42 42.4 40.9 61.3

101 0.0 7.9 11.9#

130 2.3 16.9 25.3#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.02 min

Lab File: BF116186.D

Acq: 12 Aug 2019 12:38

Instrument :

BNA_F

ClientSampleId :

PB122104BL

Tgt Ion: 136 Resp: 542857

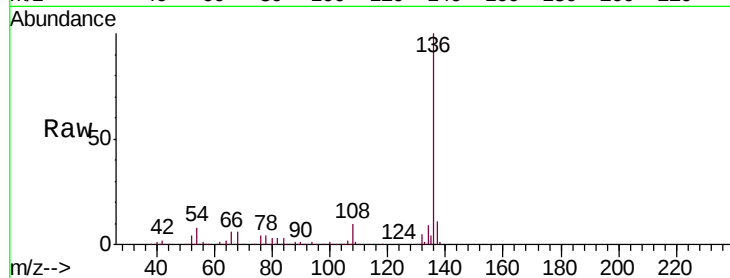
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 7.6 5.8 8.6

68 6.5 5.2 7.8

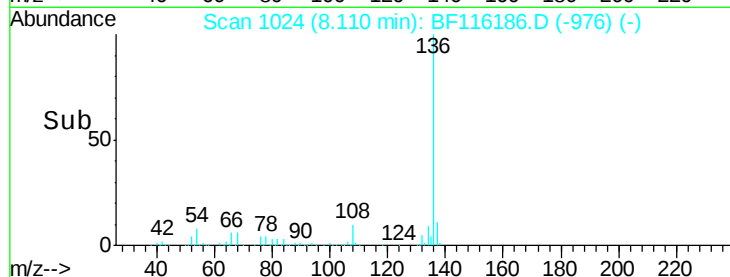


Abundance Ion 136.00 (135.70 to 136.70): E

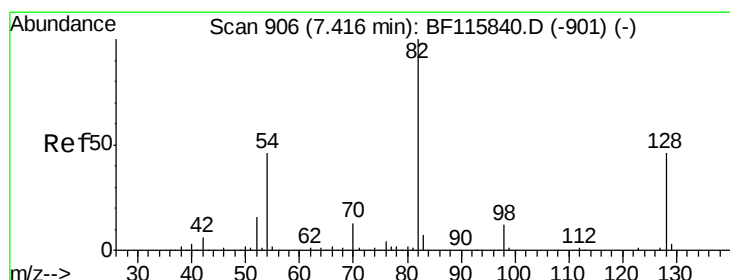
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#23

Nitrobenzene-d5

Concen: 90.818 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.02 min

Lab File: BF116186.D

Acq: 12 Aug 2019 12:38

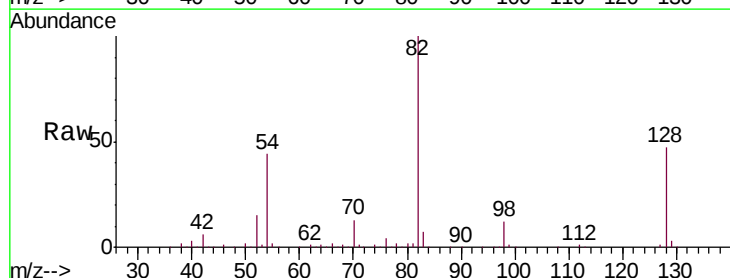
Tgt Ion: 82 Resp: 854097

Ion Ratio Lower Upper

82 100

128 46.8 36.5 54.7

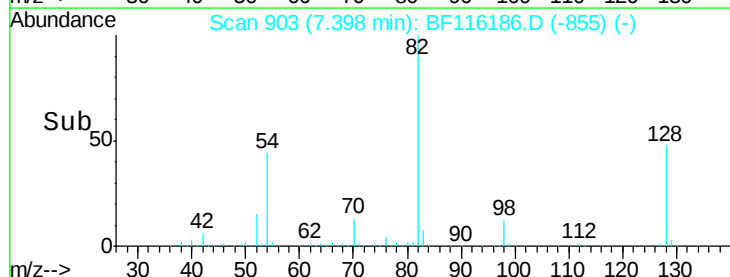
54 44.5 36.0 54.0



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



Time-->



#25

Isophorone

Concen: 47.495 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.28 min

Lab File: BF116186.D

Acq: 12 Aug 2019 12:38

Instrument :

BNA_F

ClientSampleId :

PB122104BL

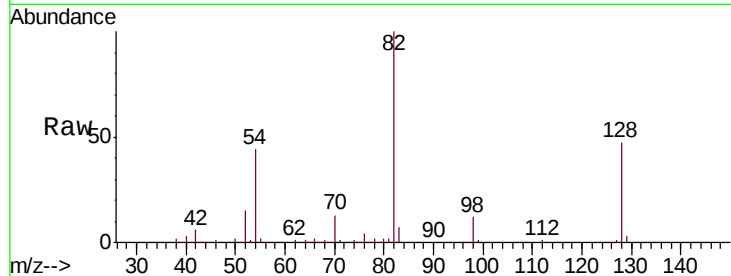
Tgt Ion: 82 Resp: 854090

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

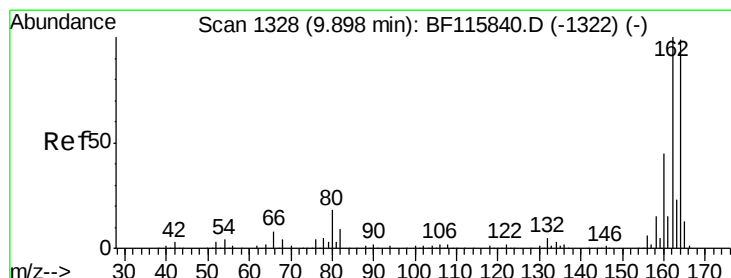
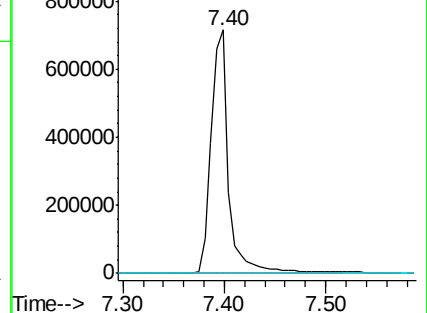
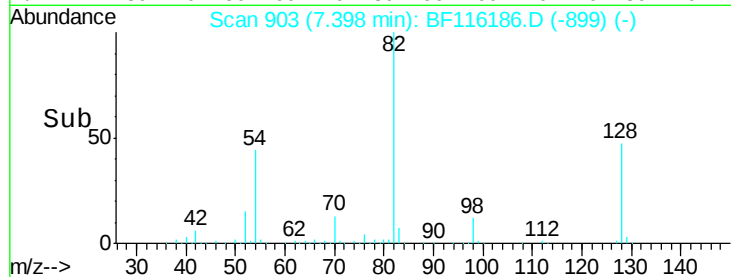
138 0.0 14.5 21.7#



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# 1323

Delta R.T. -0.02 min

Lab File: BF116186.D

Acq: 12 Aug 2019 12:38

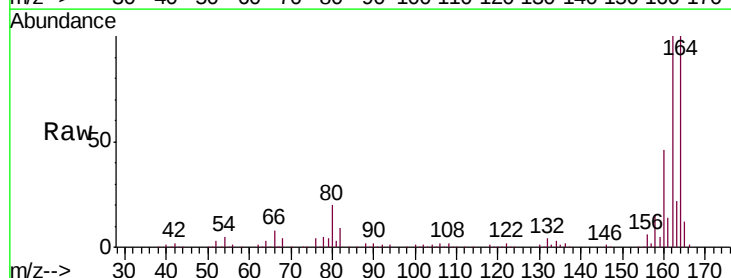
Tgt Ion: 164 Resp: 297013

Ion Ratio Lower Upper

164 100

162 100.1 82.6 124.0

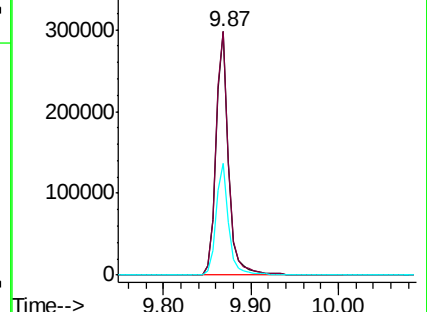
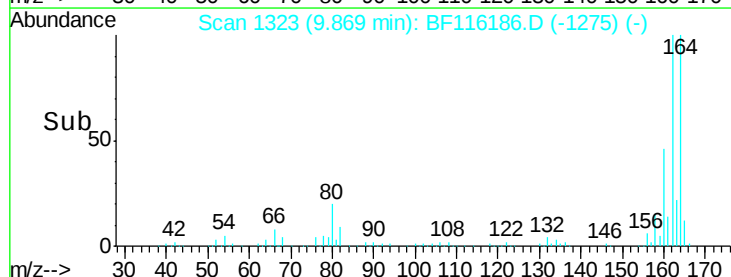
160 45.7 37.6 56.4



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

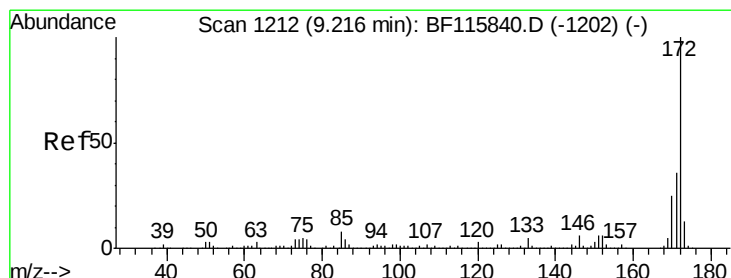
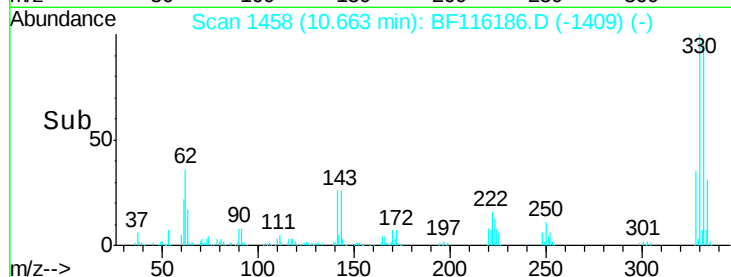
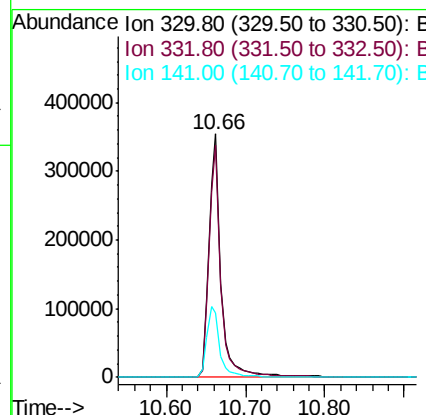
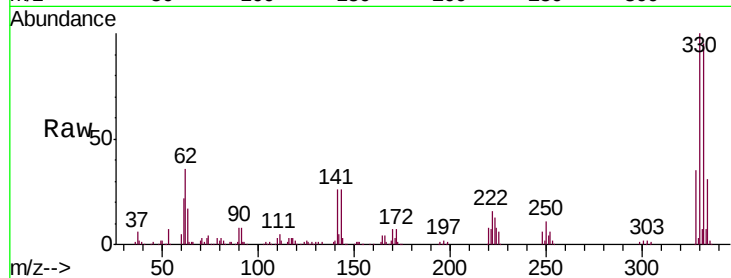




#42
 2,4,6-Tribromophenol
 Concen: 132.029 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF116186.D
 Acq: 12 Aug 2019 12:38

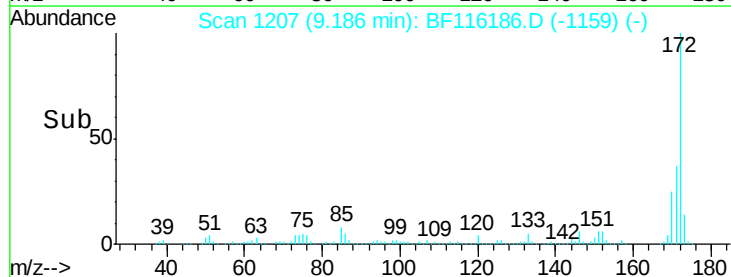
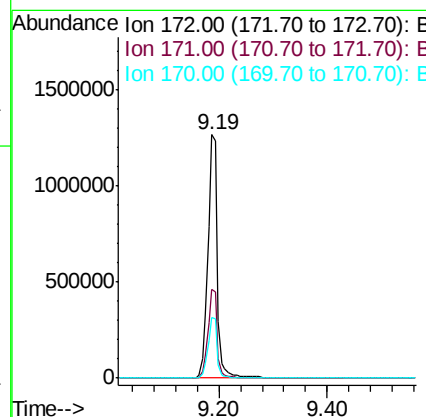
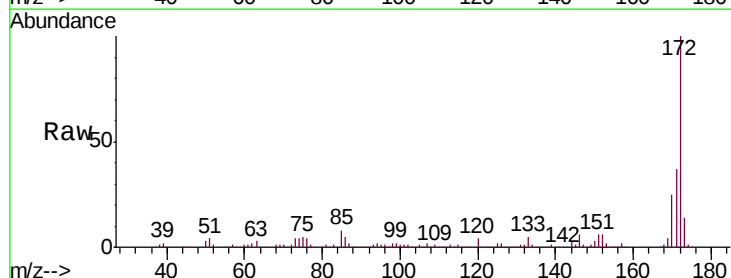
Instrument :
 BNA_F
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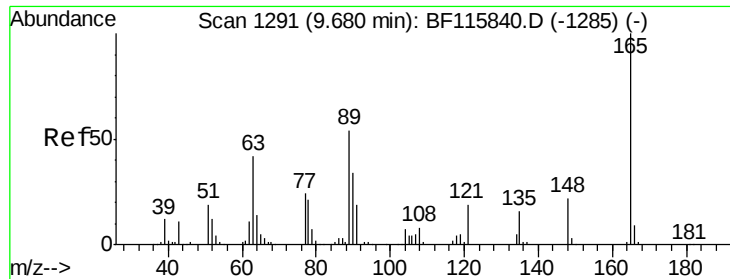
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.8	115.2
141	33.0	26.3	39.5



#45
 2-Fluorobiphenyl
 Concen: 96.602 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF116186.D
 Acq: 12 Aug 2019 12:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	24.6	20.1	30.1

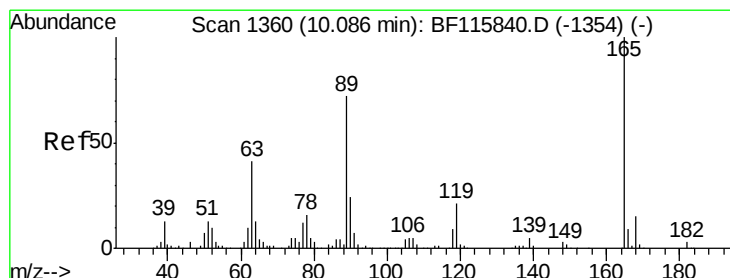
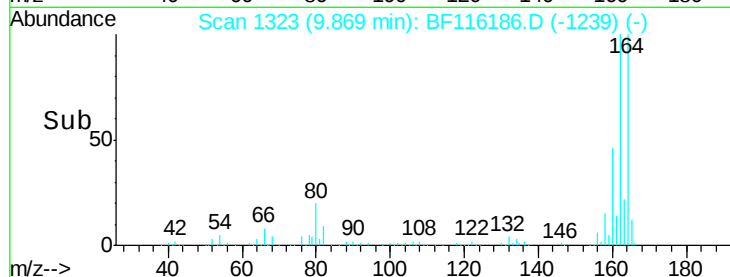
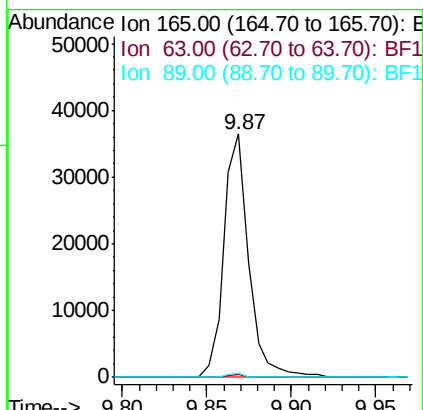
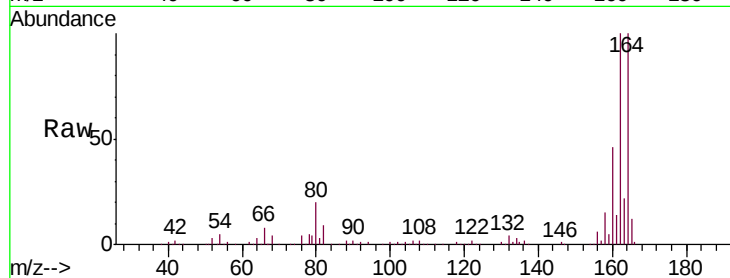




#51
 2,6-Dinitrotoluene
 Concen: 8.502 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.19 min
 Lab File: BF116186.D
 Acq: 12 Aug 2019 12:38

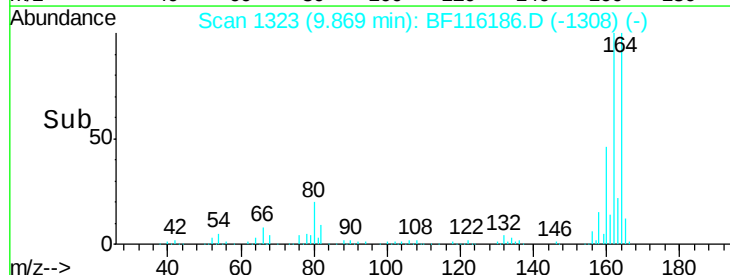
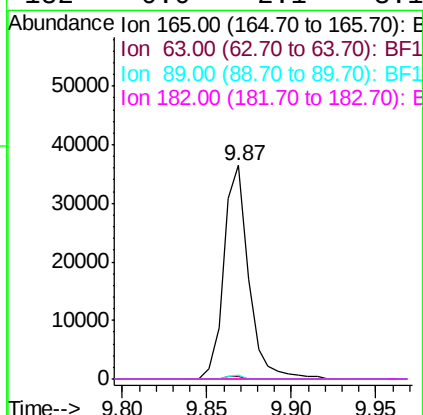
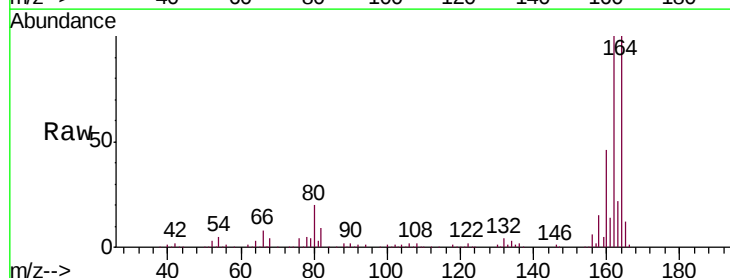
Instrument :
 BNA_F
 ClientSampleId :
 PB122104BL

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	38.2	57.2#
89	1.7	42.9	64.3#



#57
 2,4-Dinitrotoluene
 Concen: 6.385 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.21 min
 Lab File: BF116186.D
 Acq: 12 Aug 2019 12:38

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	39.6	59.4#
89	1.7	62.2	93.2#
182	0.0	2.1	3.1#

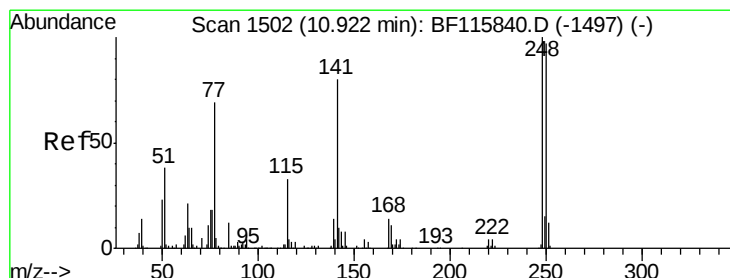
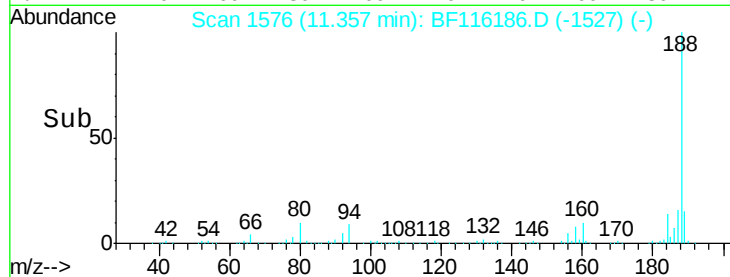
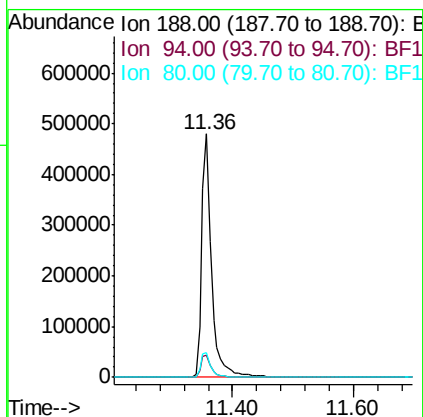
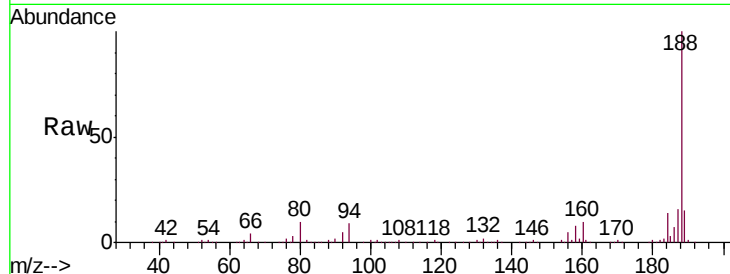




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF116186.D
 Acq: 12 Aug 2019 12:38

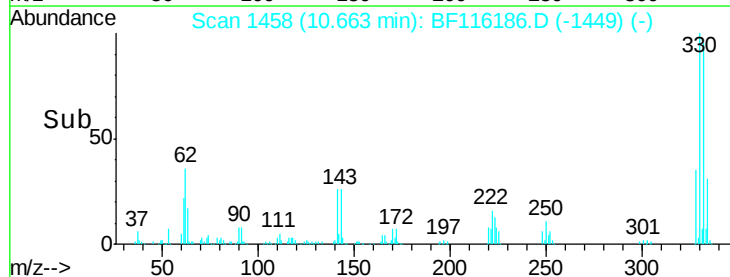
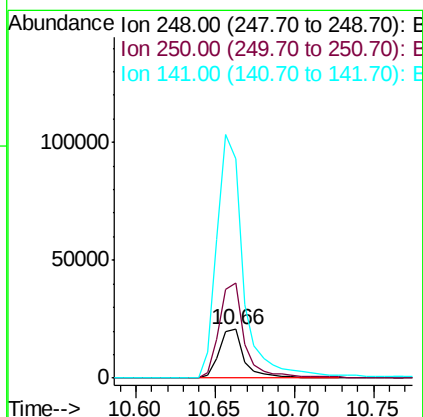
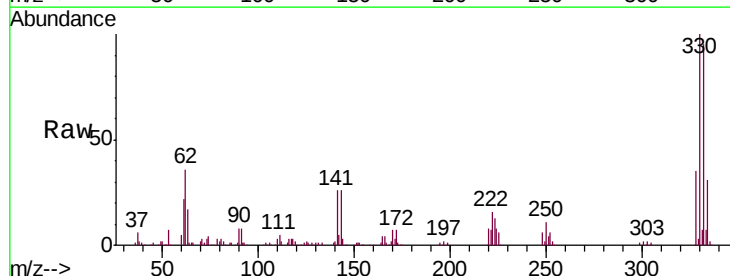
Instrument :
 BNA_F
 ClientSampleId :
 PB122104BL

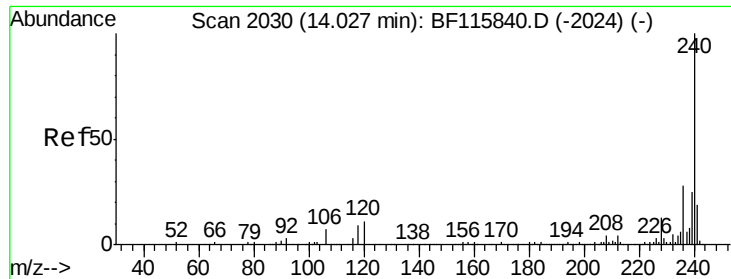
Tgt Ion:188 Resp: 548296
 Ion Ratio Lower Upper
 188 100
 94 9.2 8.1 12.1
 80 10.1 8.7 13.1



#67
 4-Bromophenyl-phenylether
 Concen: 3.945 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.25 min
 Lab File: BF116186.D
 Acq: 12 Aug 2019 12:38

Tgt Ion:248 Resp: 23154
 Ion Ratio Lower Upper
 248 100
 250 194.3 77.4 116.2#
 141 450.7 56.8 85.2#

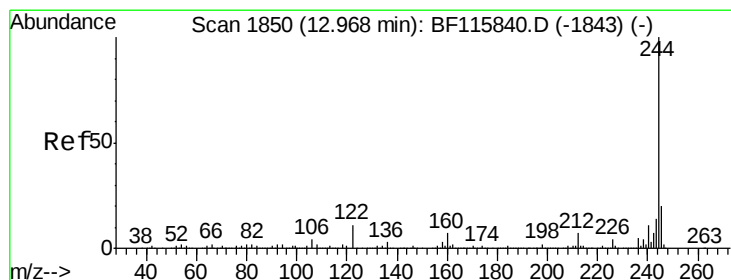
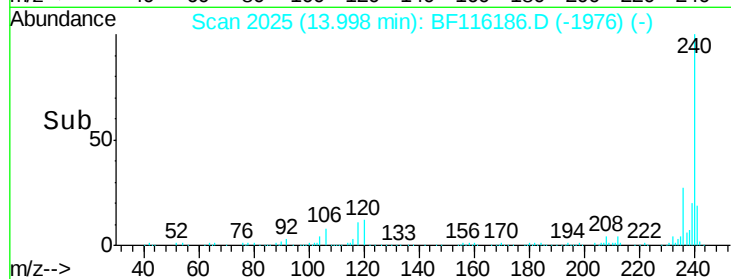
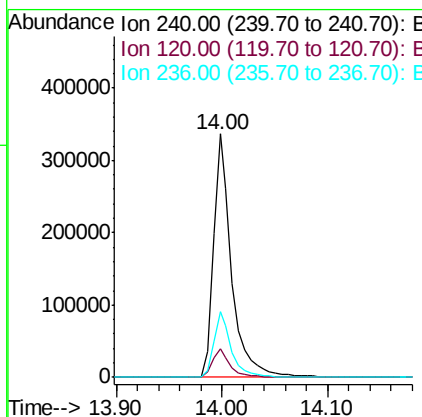
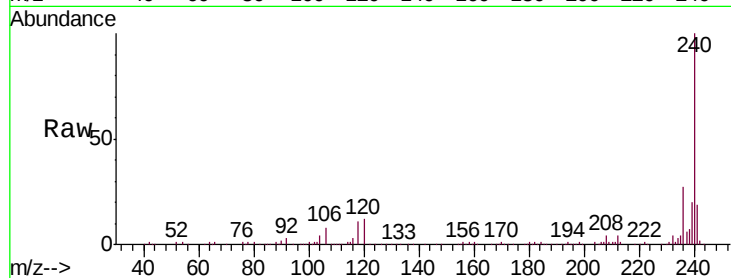




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF116186.D
Acq: 12 Aug 2019 12:38

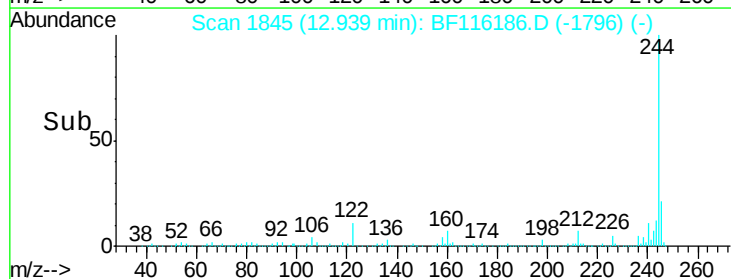
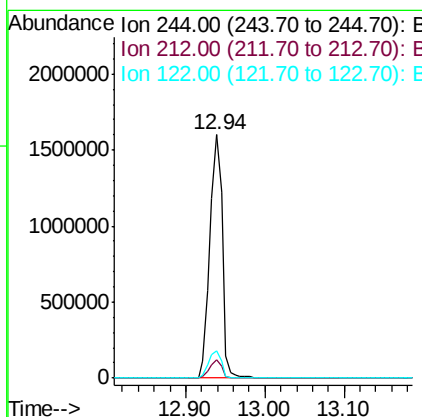
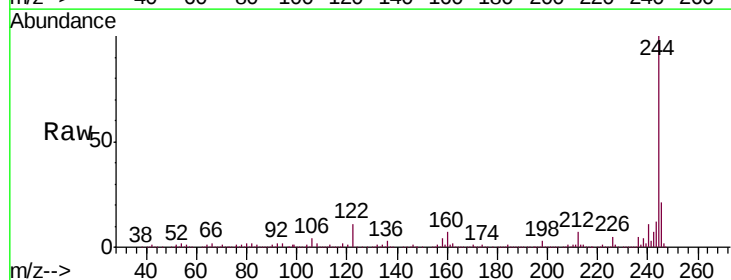
Instrument :
BNA_F
ClientSampleId :
PB122104BL

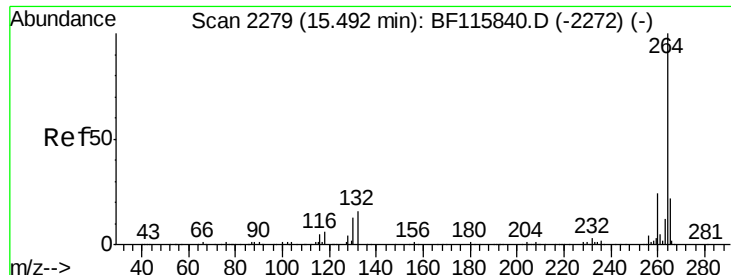
Tgt Ion:240 Resp: 405270
Ion Ratio Lower Upper
240 100
120 11.7 10.7 16.1
236 27.2 22.2 33.2



#79
Terphenyl-d14
Concen: 91.201 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF116186.D
Acq: 12 Aug 2019 12:38

Tgt Ion:244 Resp: 1754061
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.8
122 11.1 9.0 13.4

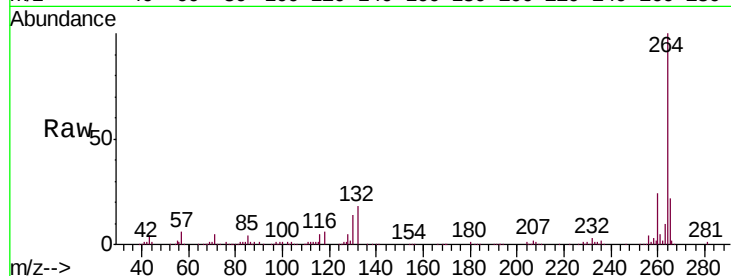




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF116186.D
Acq: 12 Aug 2019 12:38

Instrument :
BNA_F
ClientSampleId :
PB122104BL

Tgt Ion: 264 Resp: 361820
Ion Ratio Lower Upper
264 100
260 23.8 19.7 29.5
265 21.6 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

