

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081219\
 Data File : BF116184.D
 Acq On : 12 Aug 2019 11:44
 Operator : HP/JU
 Sample : PB122156BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122156BL

Quant Time: Aug 12 15:01:51 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

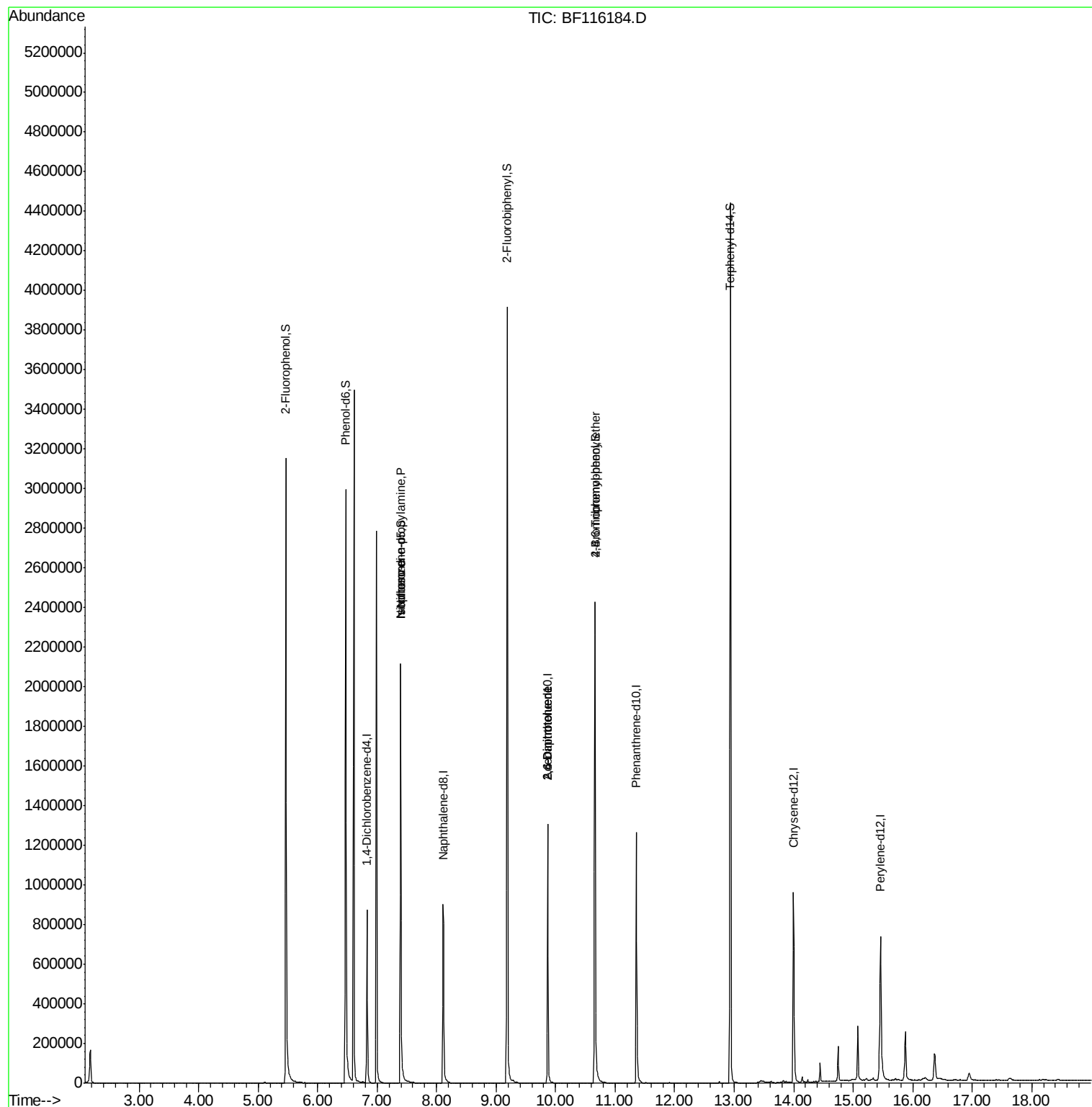
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	132653	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	518799	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	285373	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	529367	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	406046	20.00	ng	-0.01
87) Perylene-d12	15.46	264	376810	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	988683	124.77	ng	0.00
7) Phenol-d6	6.47	99	1312263	131.26	ng	-0.01
23) Nitrobenzene-d5	7.40	82	858494	95.52	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	381690	137.96	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1511454	99.21	ng	-0.02
79) Terphenyl-d14	12.94	244	1813526	94.11	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	113578	18.333	ng	# 79
25) Isophorone	7.40	82	858490	49.953	ng	# 65
51) 2,6-Dinitrotoluene	9.87	165	36484	8.640	ng	# 29
57) 2,4-Dinitrotoluene	9.87	165	36484	6.489	ng	# 20
67) 4-Bromophenyl-phenylether	10.66	248	23151	4.085	ng	# 1

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

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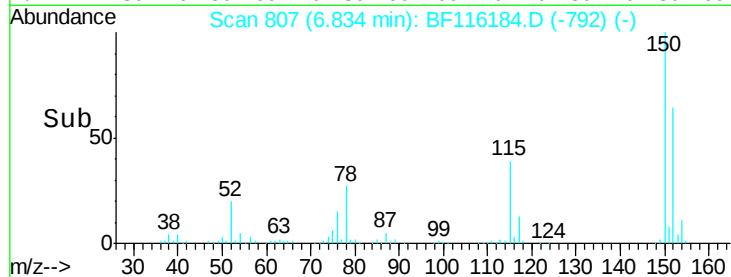
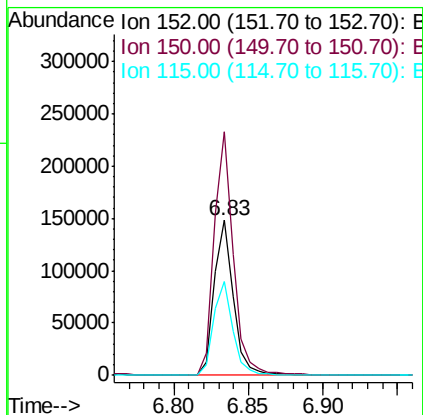
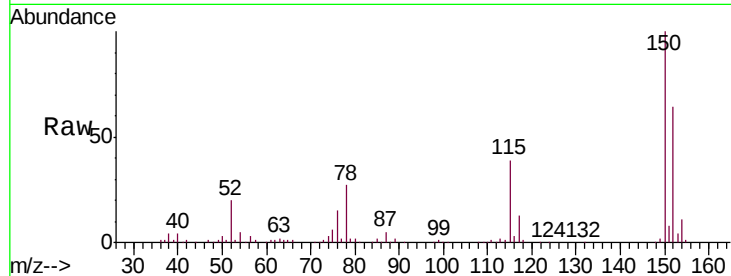


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF116184.D
Acq: 12 Aug 2019 11:44

Instrument :
BNA_F
ClientSampleId :
PB122156BL

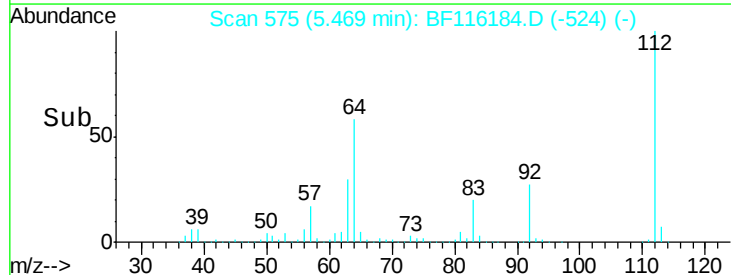
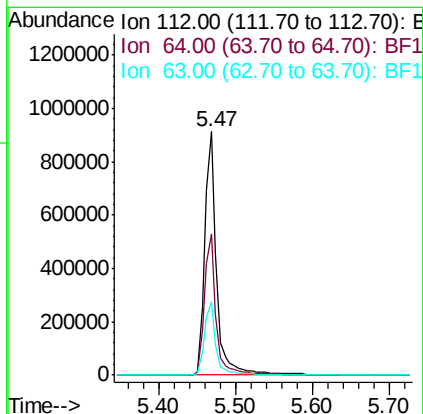
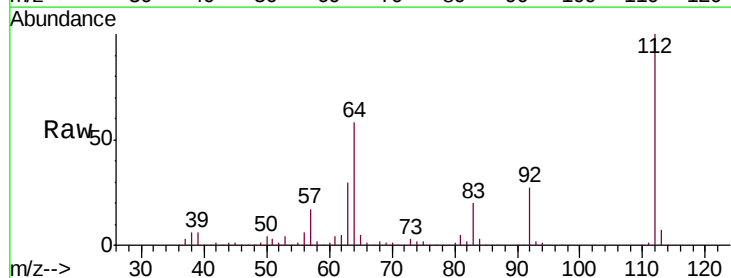
Tgt Ion:152 Resp: 132653
Ion Ratio Lower Upper
152 100
150 156.9 126.2 189.2
115 60.5 49.9 74.9



#5

2-Fluorophenol
Concen: 124.770 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.00 min
Lab File: BF116184.D
Acq: 12 Aug 2019 11:44

Tgt Ion:112 Resp: 988683
Ion Ratio Lower Upper
112 100
64 57.8 45.4 68.2
63 30.2 23.7 35.5





#7

Phenol-d6

Concen: 131.258 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116184.D

Acq: 12 Aug 2019 11:44

Instrument :

BNA_F

ClientSampleId :

PB122156BL

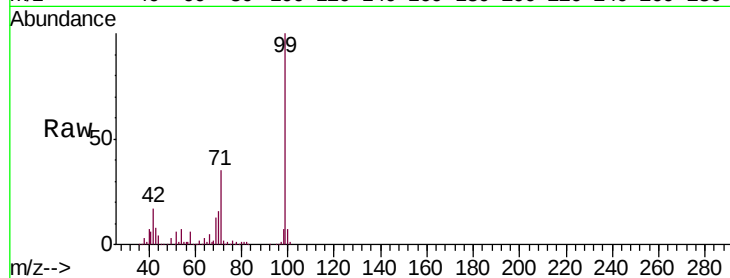
Tgt Ion: 99 Resp: 1312263

Ion Ratio Lower Upper

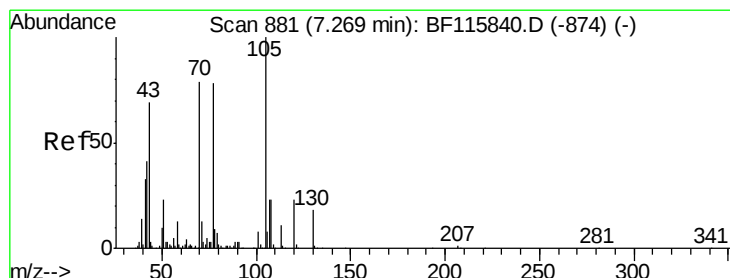
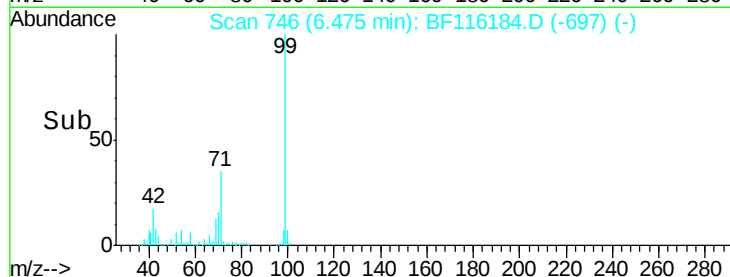
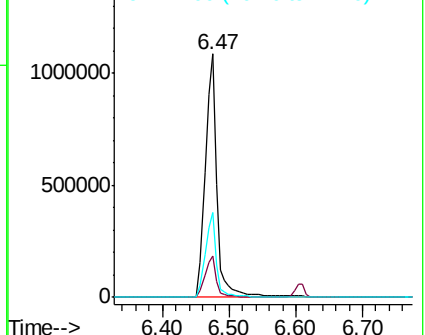
99 100

42 17.2 13.8 20.8

71 34.6 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: 18.333 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.13 min

Lab File: BF116184.D

Acq: 12 Aug 2019 11:44

Tgt Ion: 70 Resp: 113578

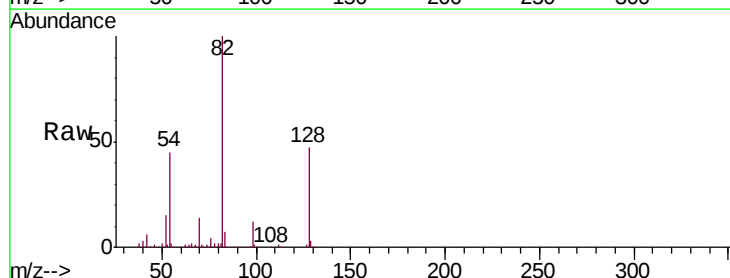
Ion Ratio Lower Upper

70 100

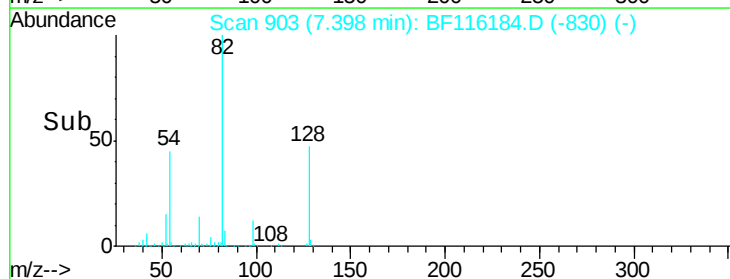
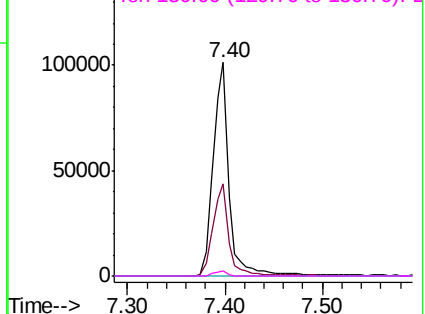
42 42.9 40.9 61.3

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

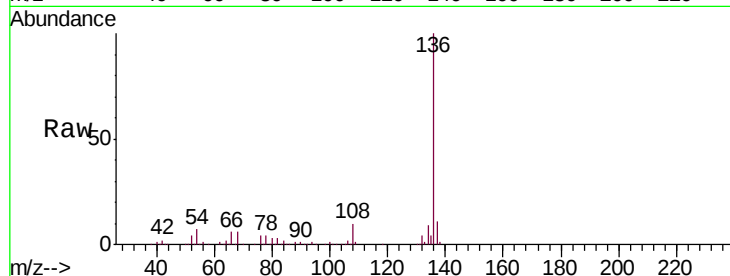




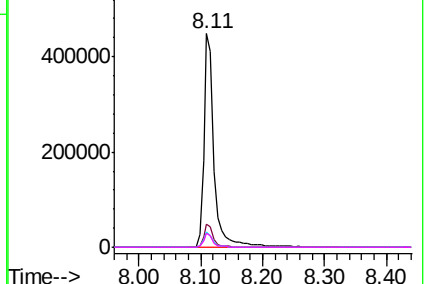
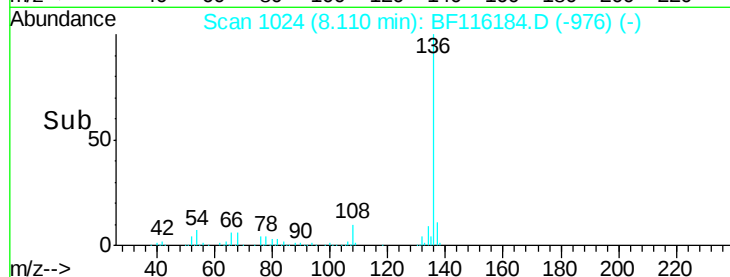
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF116184.D
Acq: 12 Aug 2019 11:44

Instrument :
BNA_F
ClientSampleId :
PB122156BL

Tgt Ion:	136	Resp:	518799
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	7.4	5.8	8.6
68	6.4	5.2	7.8

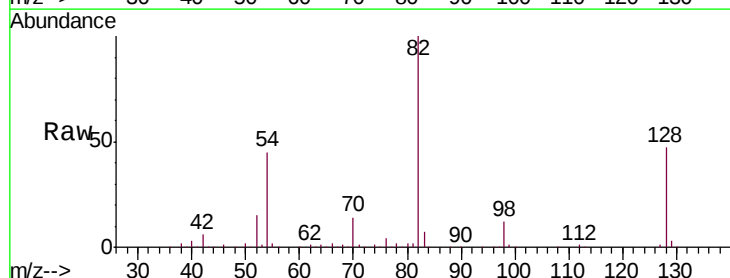


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

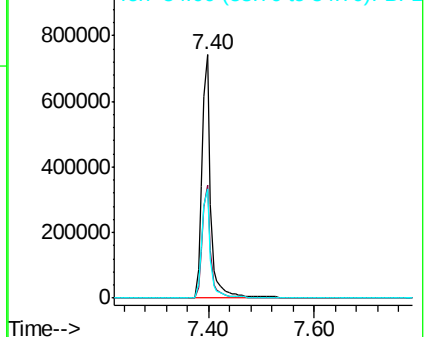
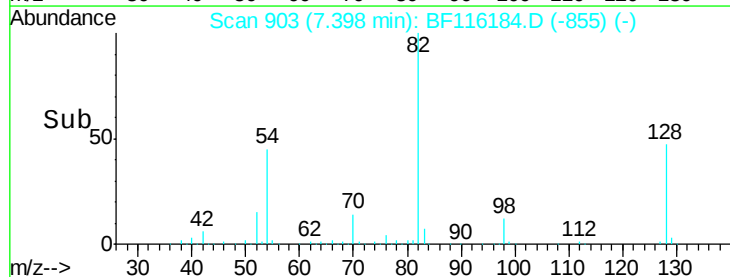


#23
Nitrobenzene-d5
Concen: 95.519 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF116184.D
Acq: 12 Aug 2019 11:44

Tgt Ion:	82	Resp:	858494
Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.5	54.7
54	45.1	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: 49.953 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.28 min

Lab File: BF116184.D

Acq: 12 Aug 2019 11:44

Instrument :

BNA_F

ClientSampleId :

PB122156BL

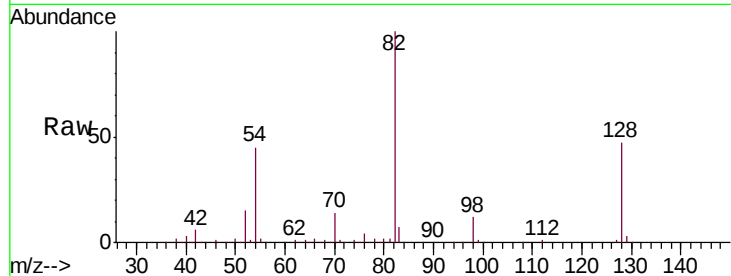
Tgt Ion: 82 Resp: 858490

Ion Ratio Lower Upper

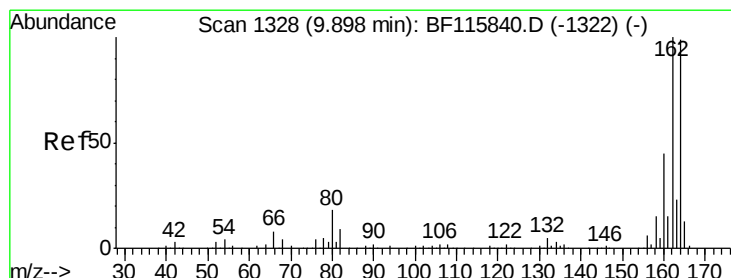
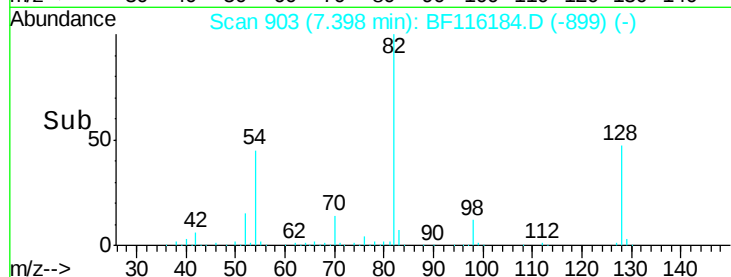
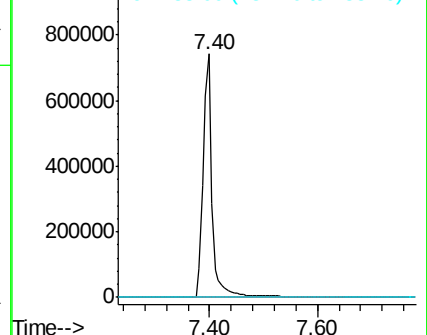
82 100

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: BF116184.D

Acq: 12 Aug 2019 11:44

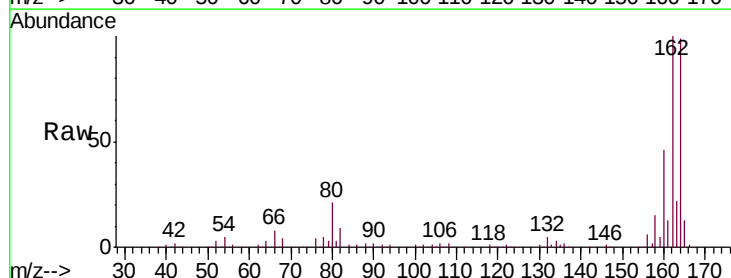
Tgt Ion: 164 Resp: 285373

Ion Ratio Lower Upper

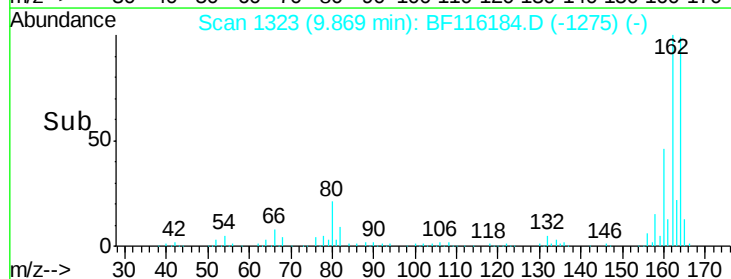
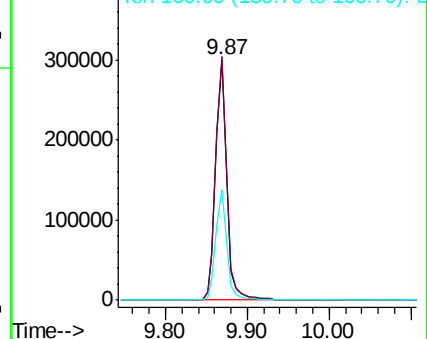
164 100

162 101.4 82.6 124.0

160 46.2 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

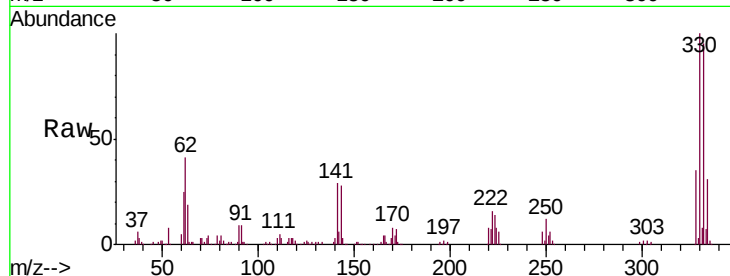




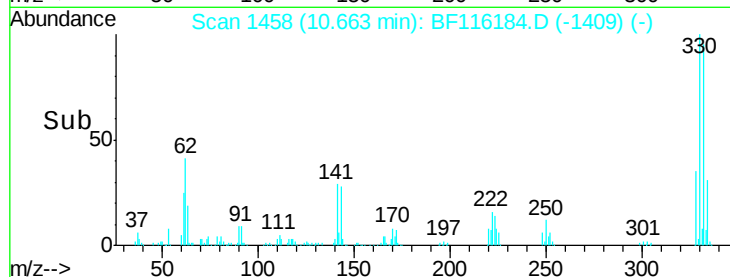
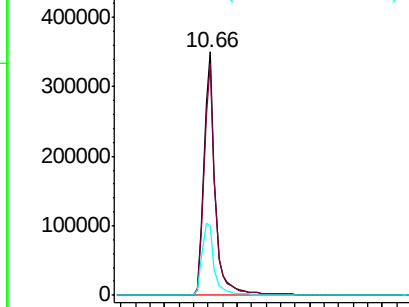
#42
 2,4,6-Tribromophenol
 Concen: 137.955 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF116184.D
 Acq: 12 Aug 2019 11:44

Instrument :
 BNA_F
 ClientSampleId :
 PB122156BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.8	115.2
141	33.2	26.3	39.5

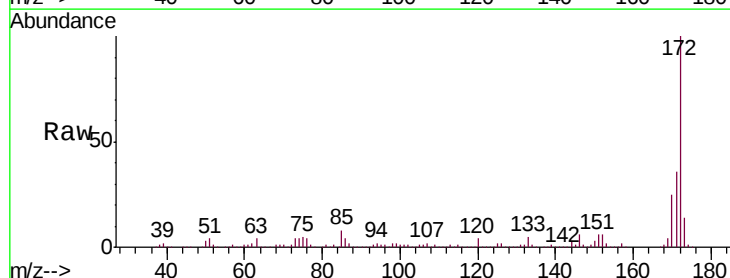


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

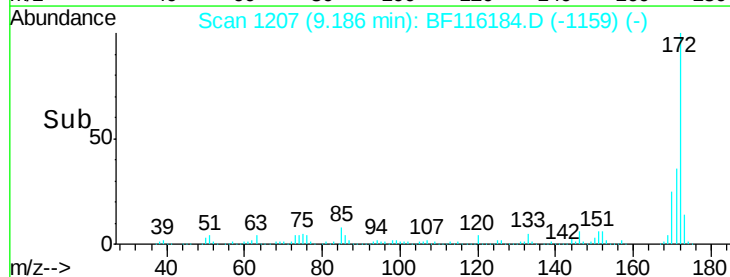
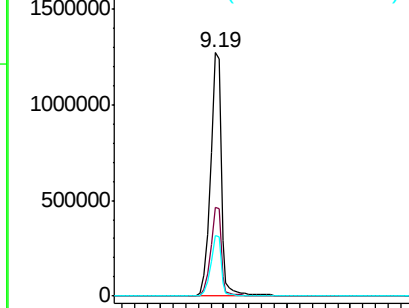


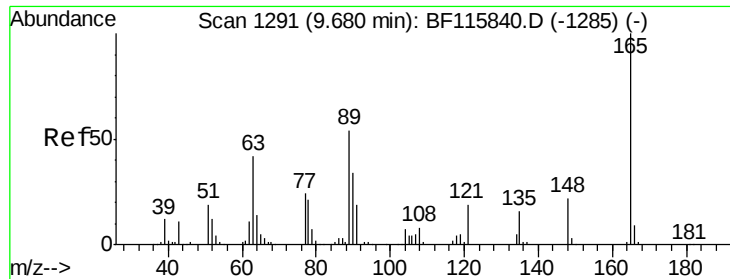
#45
 2-Fluorobiphenyl
 Concen: 99.206 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF116184.D
 Acq: 12 Aug 2019 11:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	25.0	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

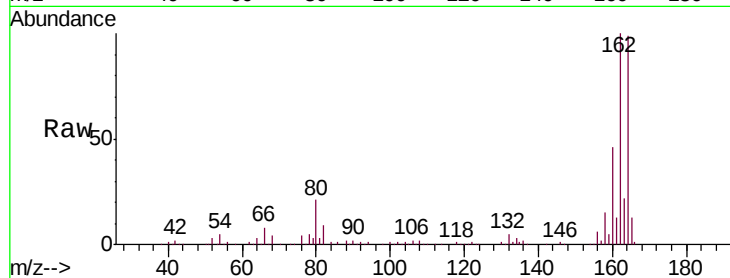




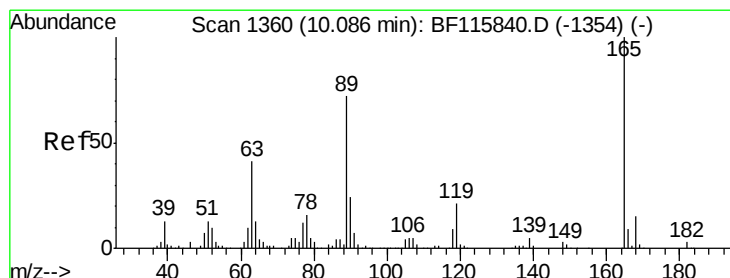
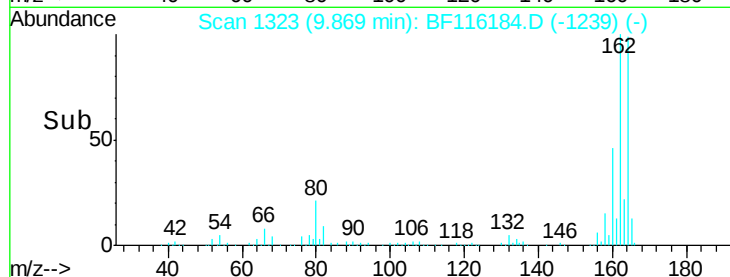
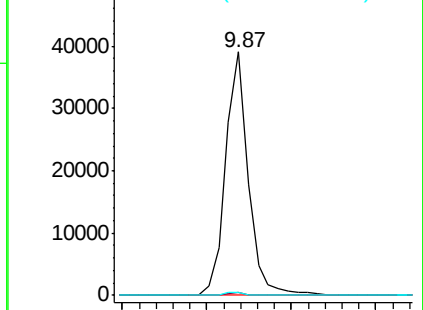
#51
 2,6-Dinitrotoluene
 Concen: 8.640 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.19 min
 Lab File: BF116184.D
 Acq: 12 Aug 2019 11:44

Instrument :
 BNA_F
 ClientSampleId :
 PB122156BL

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	38.2	57.2#
89	1.3	42.9	64.3#



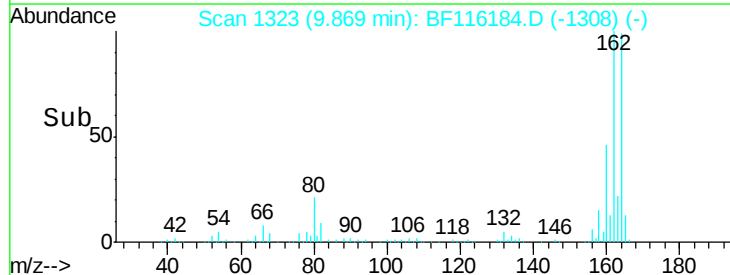
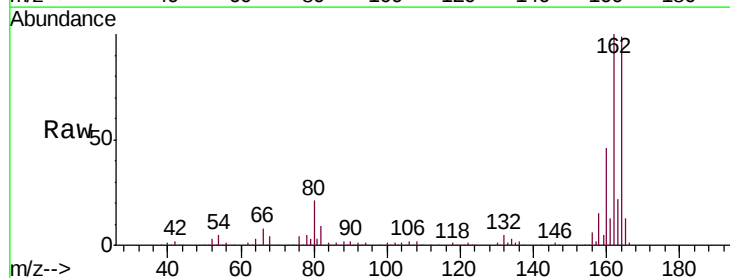
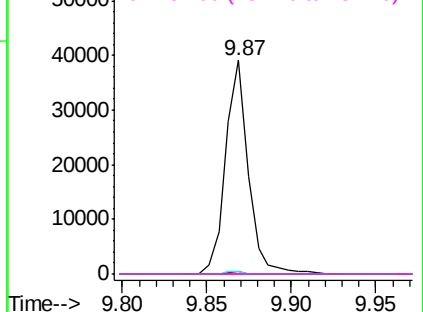
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1



#57
 2,4-Dinitrotoluene
 Concen: 6.489 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.21 min
 Lab File: BF116184.D
 Acq: 12 Aug 2019 11:44

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	39.6	59.4#
89	1.3	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

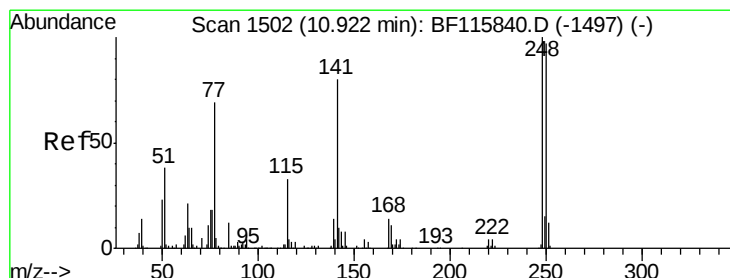
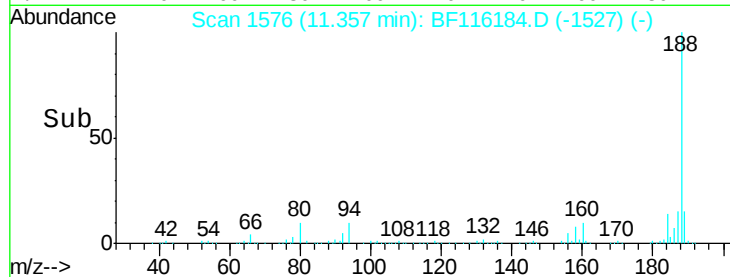
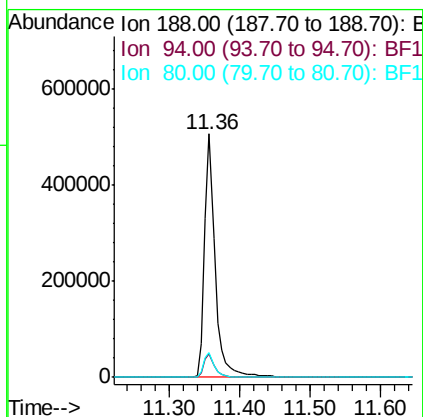
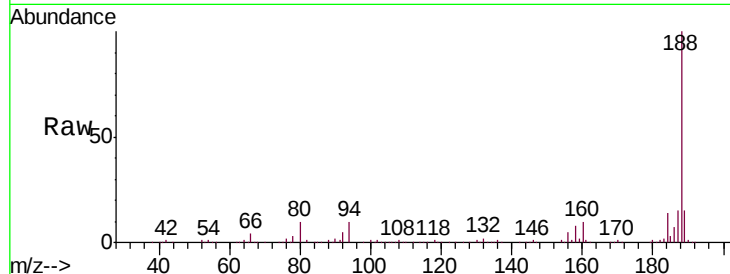




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF116184.D
 Acq: 12 Aug 2019 11:44

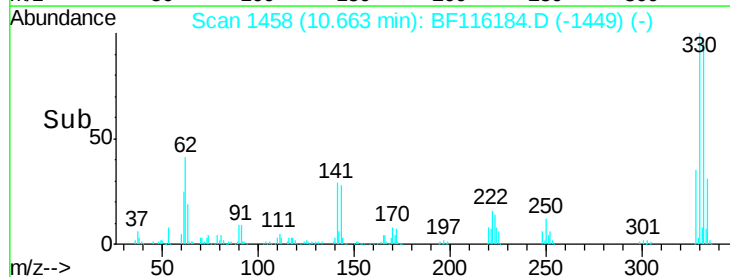
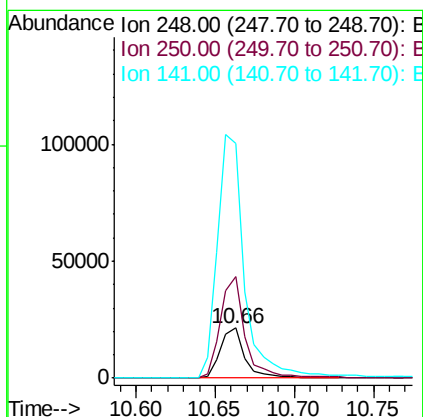
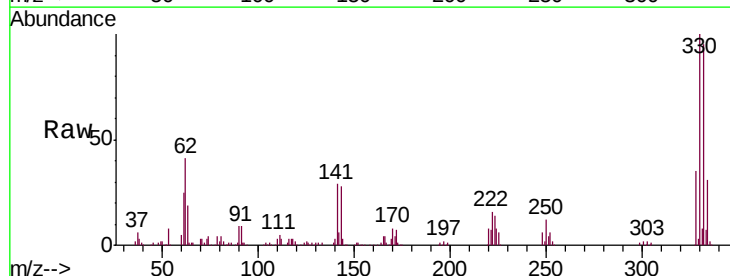
Instrument :
 BNA_F
 ClientSampleId :
 PB122156BL

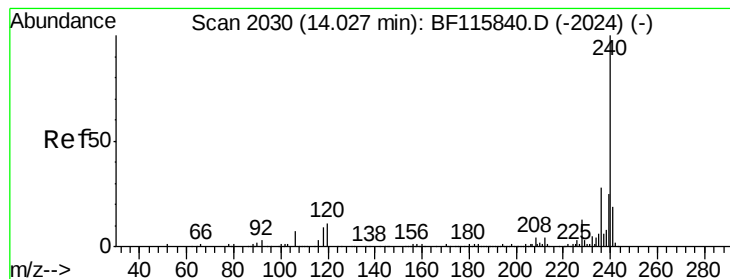
Tgt Ion:188 Resp: 529367
 Ion Ratio Lower Upper
 188 100
 94 9.7 8.1 12.1
 80 10.3 8.7 13.1



#67
 4-Bromophenyl-phenylether
 Concen: 4.085 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.25 min
 Lab File: BF116184.D
 Acq: 12 Aug 2019 11:44

Tgt Ion:248 Resp: 23151
 Ion Ratio Lower Upper
 248 100
 250 203.1 77.4 116.2#
 141 470.7 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: BF116184.D

Acq: 12 Aug 2019 11:44

Instrument :

BNA_F

ClientSampleId :

PB122156BL

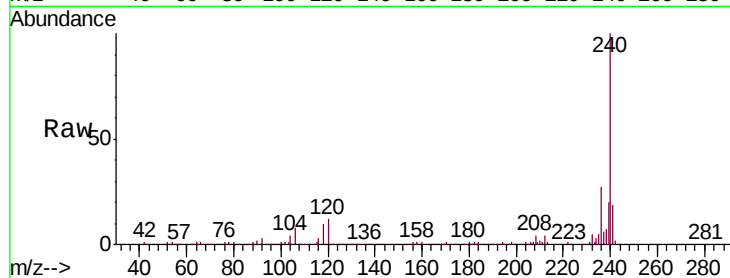
Tgt Ion:240 Resp: 406046

Ion Ratio Lower Upper

240 100

120 11.6 10.7 16.1

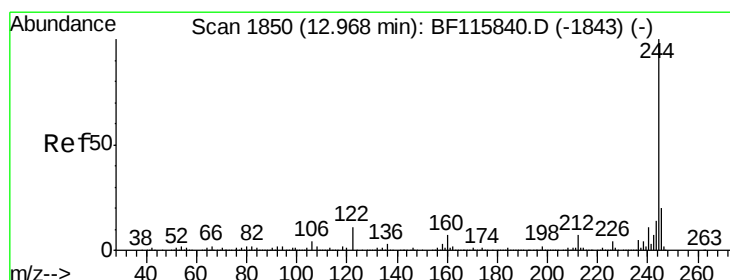
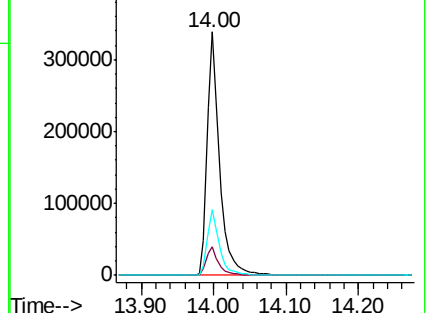
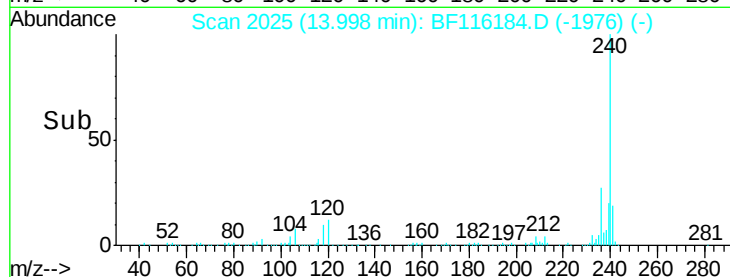
236 27.0 22.2 33.2



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



#79

Terphenyl-d14

Concen: 94.112 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF116184.D

Acq: 12 Aug 2019 11:44

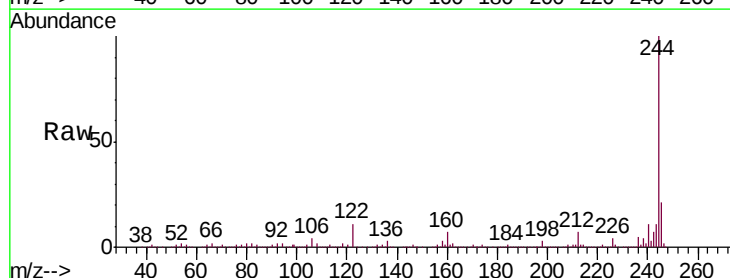
Tgt Ion:244 Resp: 1813526

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

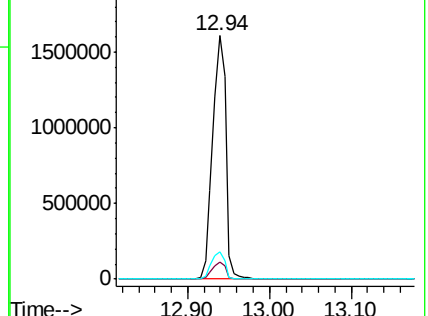
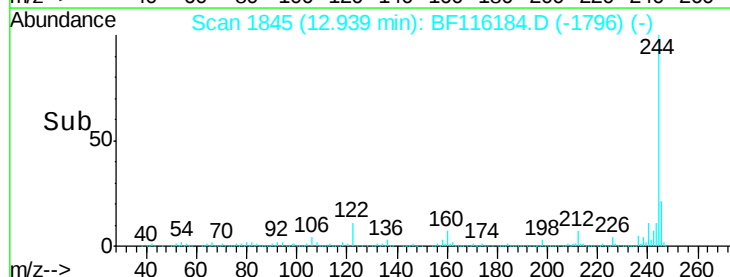
122 11.2 9.0 13.4

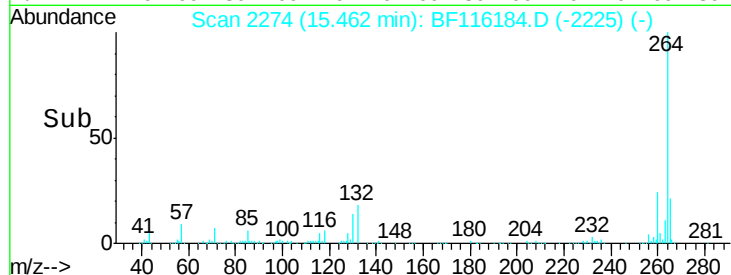
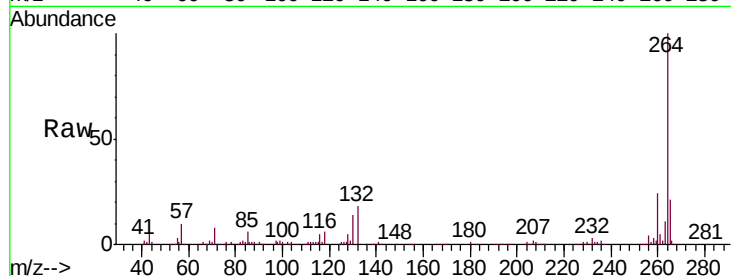
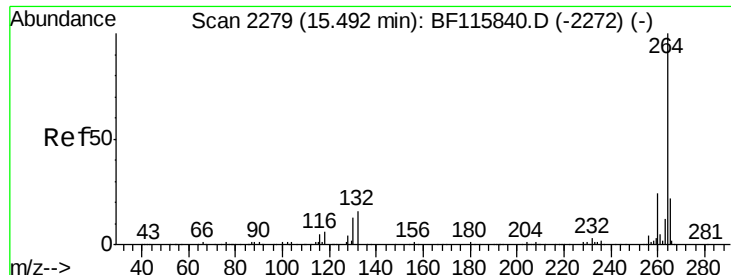


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF116184.D
Acq: 12 Aug 2019 11:44

Instrument :
BNA_F
ClientSampleId :
PB122156BL

Tgt Ion:	264	Resp:	376810
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.7	29.5
265	21.4	17.4	26.0

