

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081519\
 Data File : BF116273.D
 Acq On : 15 Aug 2019 12:29
 Operator : HP/JU
 Sample : PB122215BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122215BL

Quant Time: Aug 15 15:01:41 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

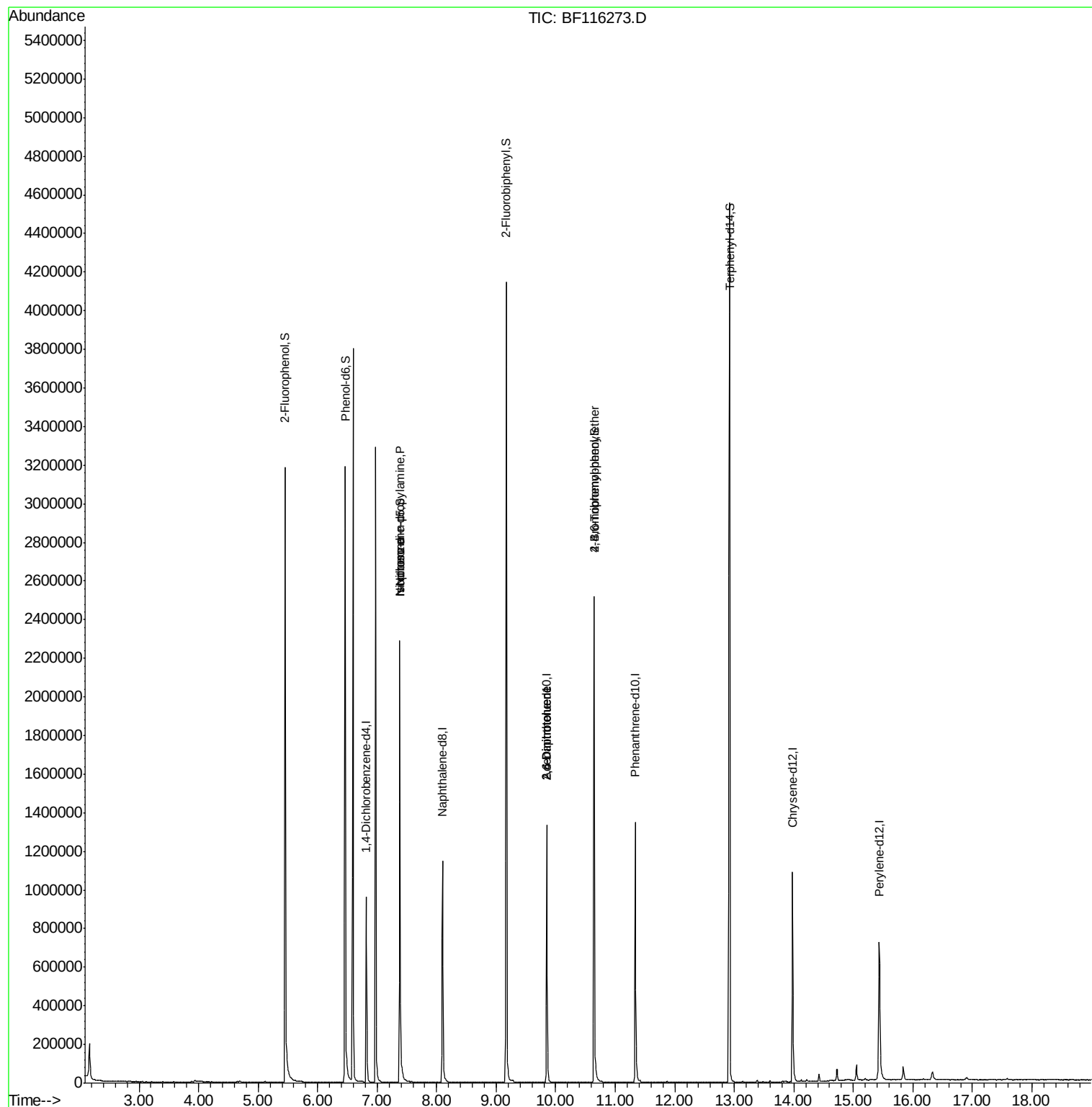
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	149281	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	580459	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	315127	20.00	ng	-0.04
64) Phenanthrene-d10	11.33	188	580995	20.00	ng	-0.04
76) Chrysene-d12	13.97	240	430479	20.00	ng	-0.04
87) Perylene-d12	15.43	264	405270	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1092240	122.49	ng	-0.02
7) Phenol-d6	6.46	99	1391630	123.69	ng	-0.02
23) Nitrobenzene-d5	7.38	82	934087	92.89	ng	-0.04
42) 2,4,6-Tribromophenol	10.65	330	393788	128.89	ng	-0.03
45) 2-Fluorobiphenyl	9.17	172	1585688	94.25	ng	-0.04
79) Terphenyl-d14	12.92	244	1813037	88.75	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.38	70	122967	17.638	ng	# 80
25) Isophorone	7.38	82	935144	48.633	ng	# 65
51) 2,6-Dinitrotoluene	9.85	165	40241	8.630	ng	# 29
57) 2,4-Dinitrotoluene	9.85	165	40241	6.482	ng	# 20
67) 4-Bromophenyl-phenylether	10.65	248	23881	3.840	ng	# 1

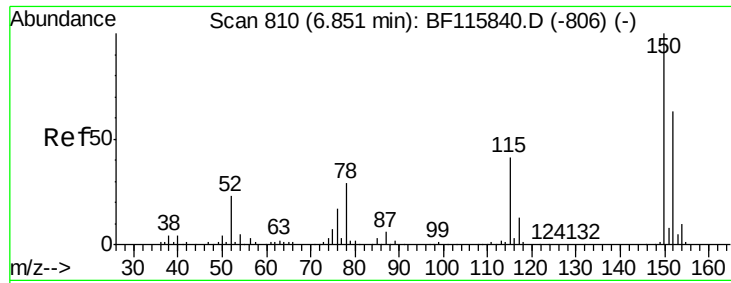
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081519\
Data File : BF116273.D
Acq On : 15 Aug 2019 12:29
Operator : HP/JU
Sample : PB122215BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB122215BL

Quant Time: Aug 15 15:01:41 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

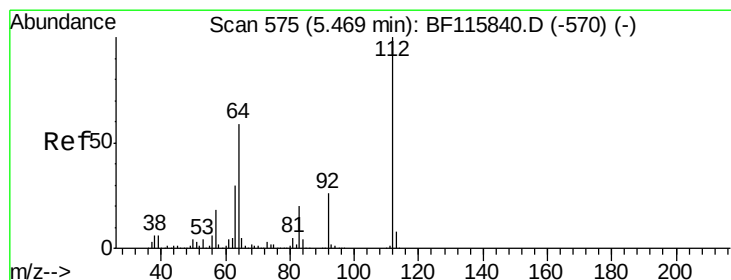
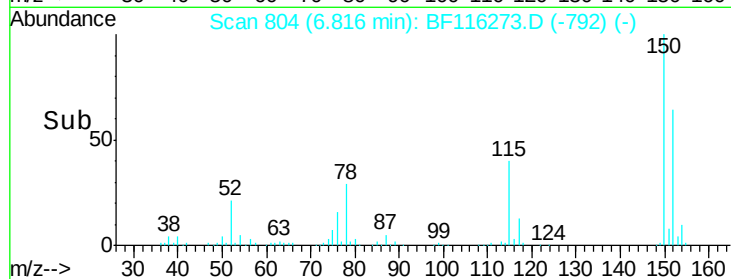
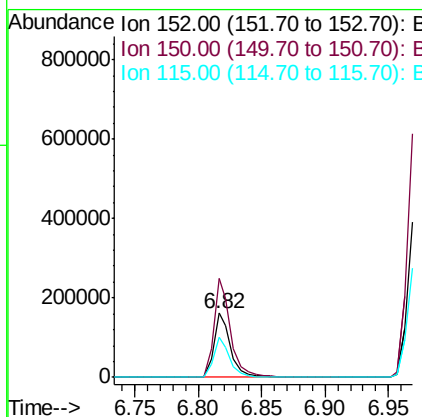
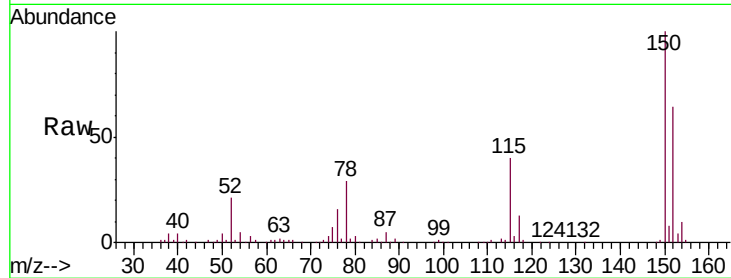




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.03 min
 Lab File: BF116273.D
 Acq: 15 Aug 2019 12:29

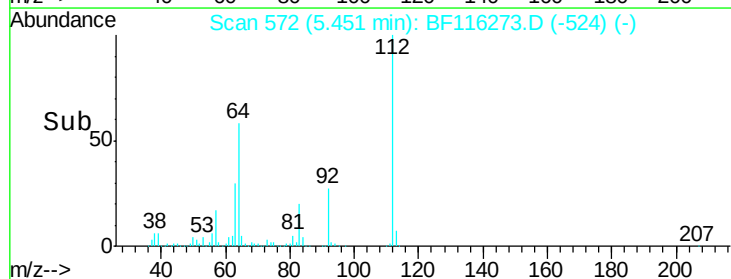
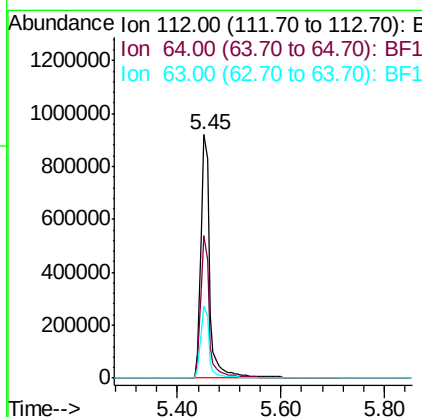
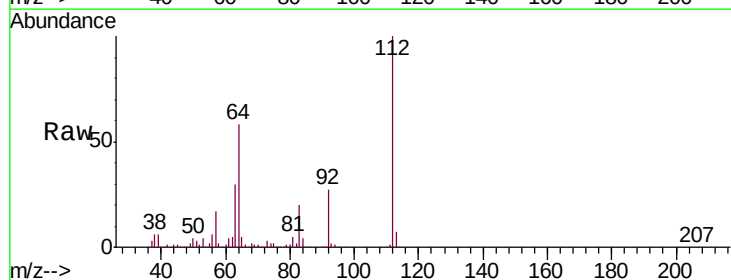
Instrument :
 BNA_F
 ClientSampleId :
 PB122215BL

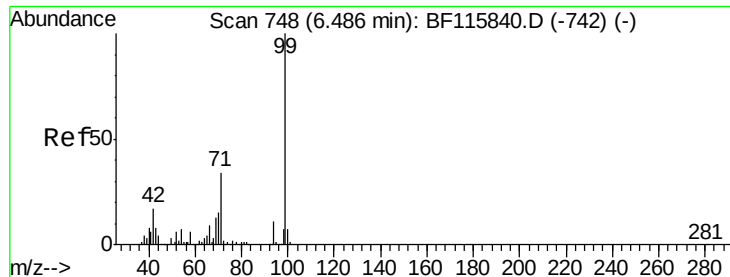
Tgt Ion:152 Resp: 149281
 Ion Ratio Lower Upper
 152 100
 150 155.7 126.2 189.2
 115 62.4 49.9 74.9



#5
 2-Fluorophenol
 Concen: 122.486 ng
 RT: 5.45 min Scan# 572
 Delta R.T. -0.02 min
 Lab File: BF116273.D
 Acq: 15 Aug 2019 12:29

Tgt Ion:112 Resp: 1092240
 Ion Ratio Lower Upper
 112 100
 64 58.4 45.4 68.2
 63 29.8 23.7 35.5





#7

Phenol-d6

Concen: 123.692 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF116273.D

Acq: 15 Aug 2019 12:29

Instrument :

BNA_F

ClientSampleId :

PB122215BL

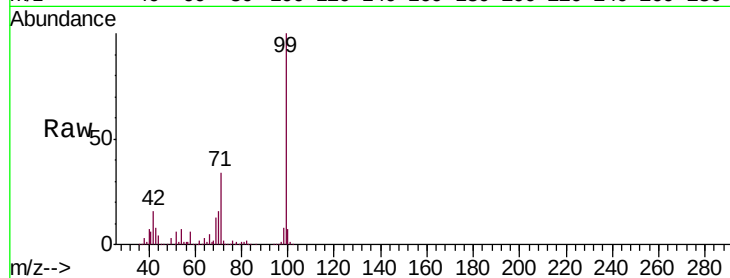
Tgt Ion: 99 Resp: 1391630

Ion Ratio Lower Upper

99 100

42 16.4 13.8 20.8

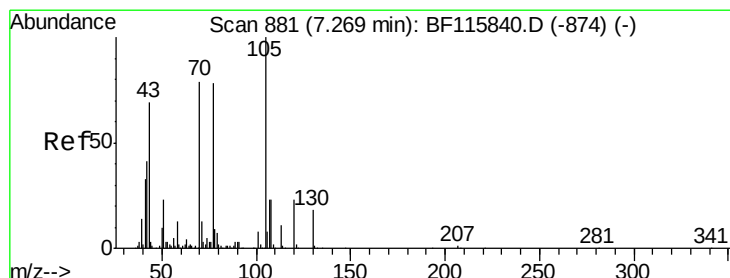
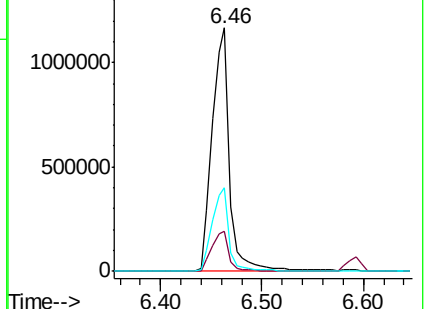
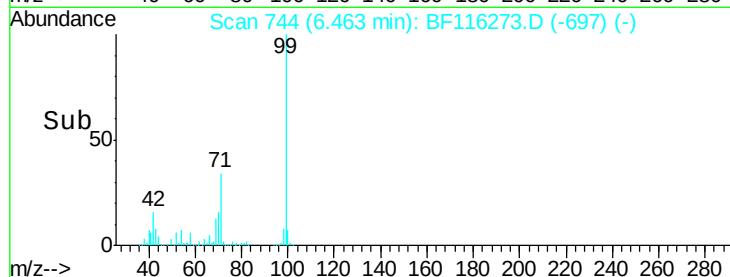
71 34.4 27.3 40.9



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: 17.638 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.11 min

Lab File: BF116273.D

Acq: 15 Aug 2019 12:29

Tgt Ion: 70 Resp: 122967

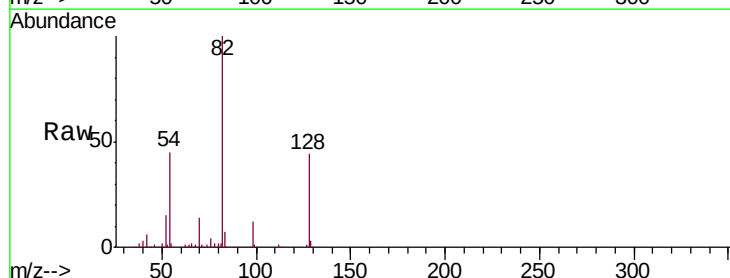
Ion Ratio Lower Upper

70 100

42 43.6 40.9 61.3

101 0.0 7.9 11.9#

130 2.2 16.9 25.3#

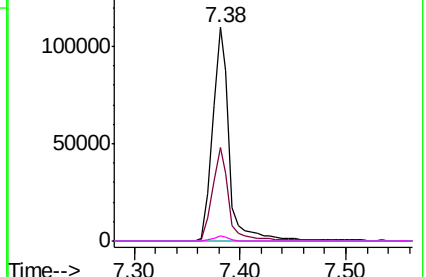
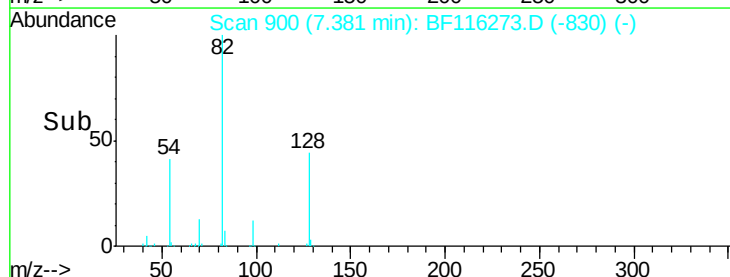


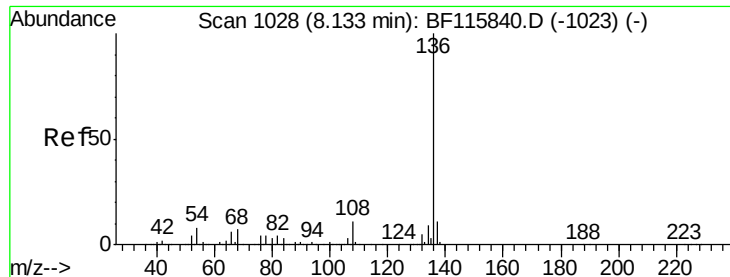
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.10 min Scan# 1022

Delta R.T. -0.03 min

Lab File: BF116273.D

Acq: 15 Aug 2019 12:29

Instrument :

BNA_F

ClientSampleId :

PB122215BL

Tgt Ion:136 Resp: 580459

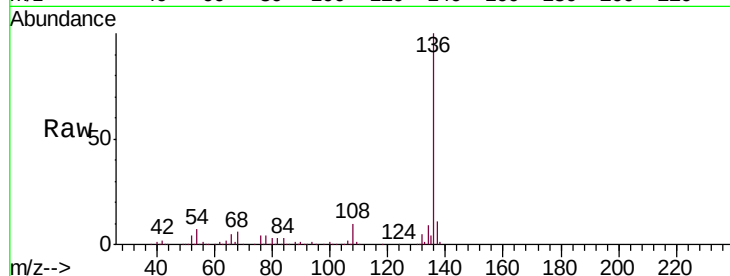
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 7.0 5.8 8.6

68 6.0 5.2 7.8

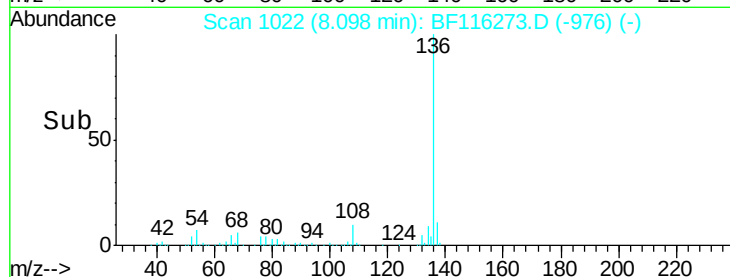


Abundance Ion 136.00 (135.70 to 136.70): E

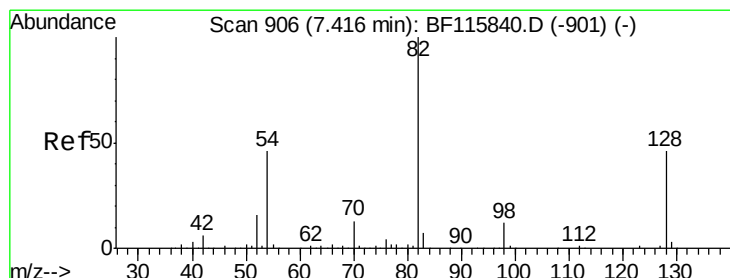
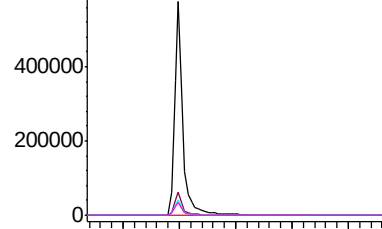
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#23

Nitrobenzene-d5

Concen: 92.889 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.04 min

Lab File: BF116273.D

Acq: 15 Aug 2019 12:29

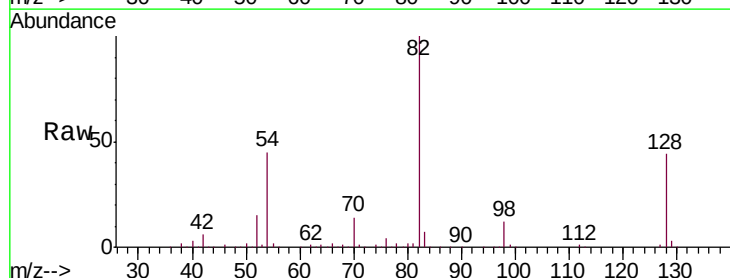
Tgt Ion: 82 Resp: 934087

Ion Ratio Lower Upper

82 100

128 44.4 36.5 54.7

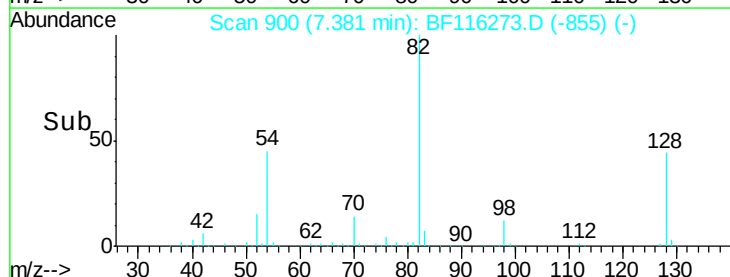
54 44.6 36.0 54.0



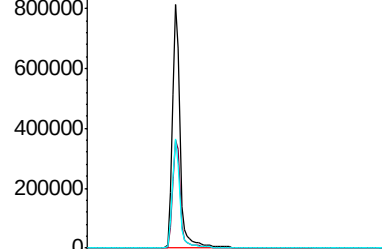
Abundance Ion 82.00 (81.70 to 82.70): BF1

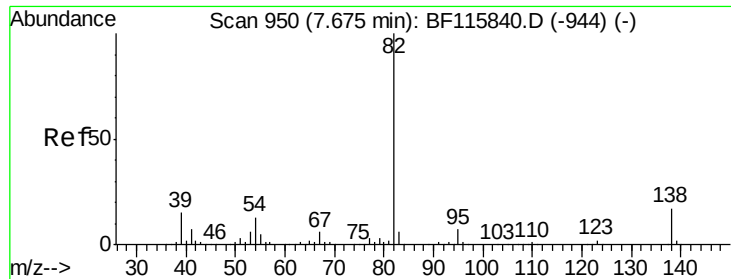
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



Time-->





#25

Isophorone

Concen: 48.633 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.29 min

Lab File: BF116273.D

Acq: 15 Aug 2019 12:29

Instrument :

BNA_F

ClientSampleId :

PB122215BL

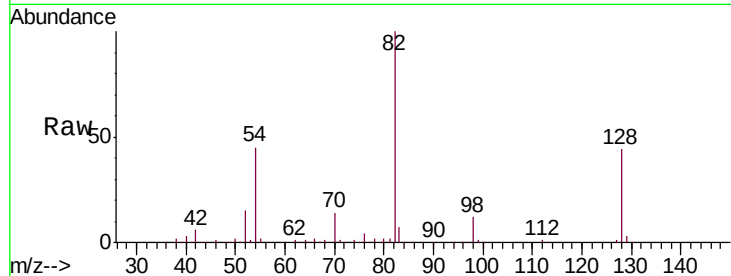
Tgt Ion: 82 Resp: 935144

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

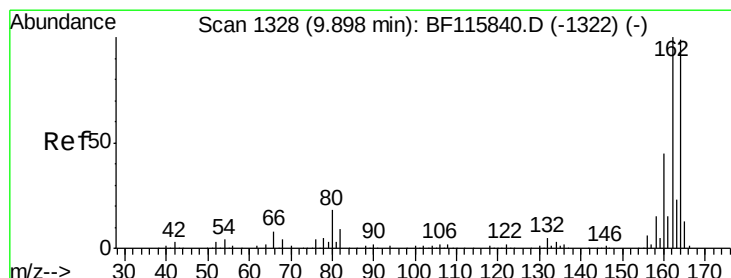
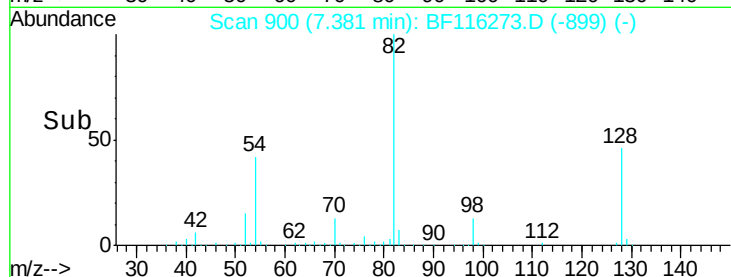
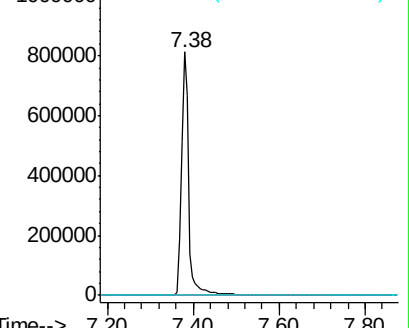
138 0.0 14.5 21.7#



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: 9.85 min Scan# 1320

Delta R.T. -0.04 min

Lab File: BF116273.D

Acq: 15 Aug 2019 12:29

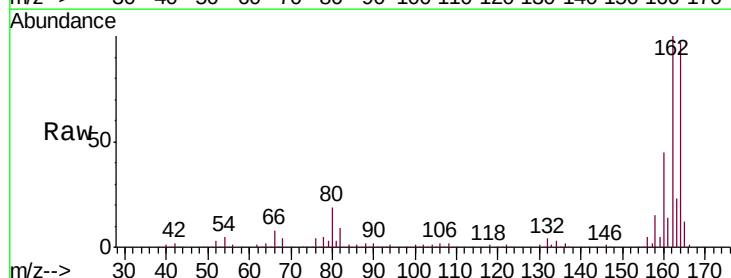
Tgt Ion: 164 Resp: 315127

Ion Ratio Lower Upper

164 100

162 102.7 82.6 124.0

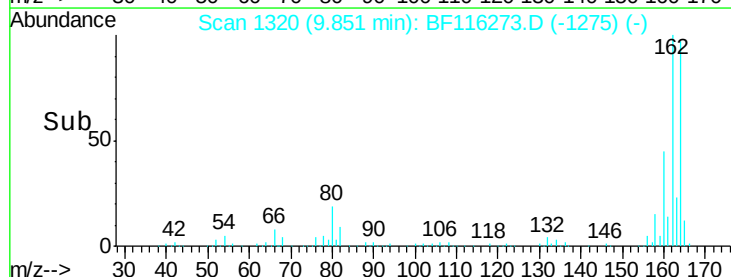
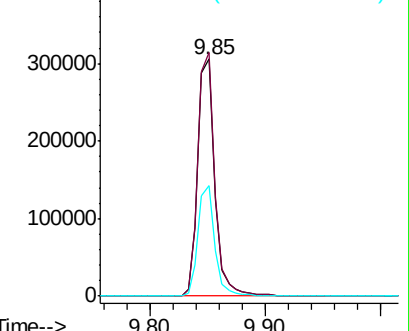
160 46.4 37.6 56.4

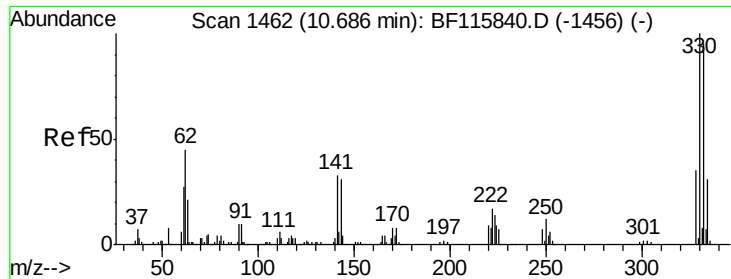


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

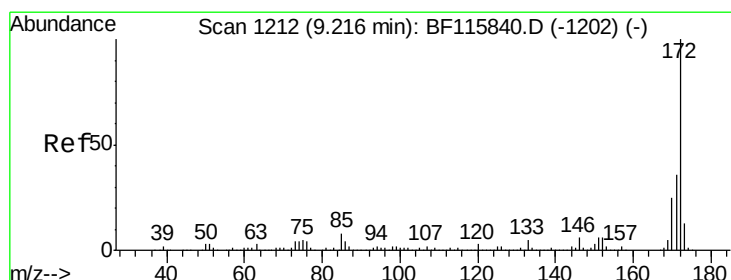
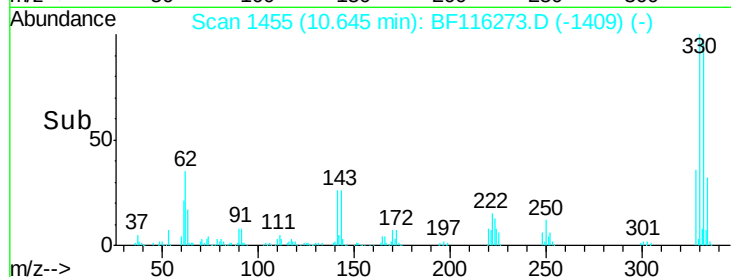
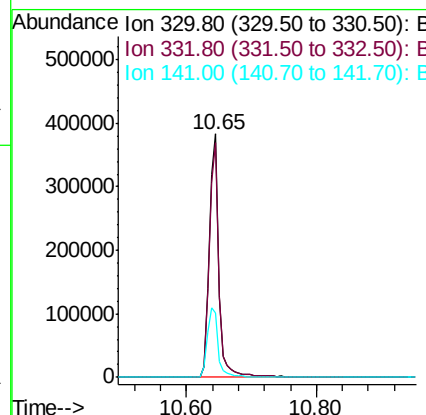
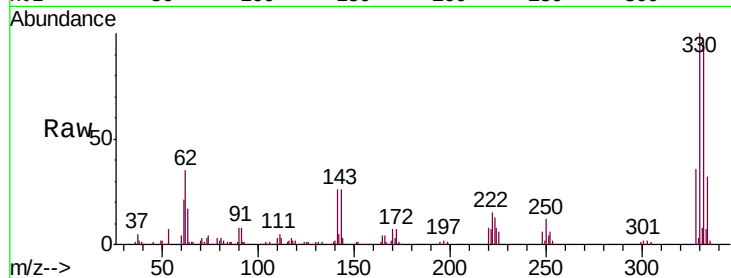




#42
 2,4,6-Tribromophenol
 Concen: 128.889 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.03 min
 Lab File: BF116273.D
 Acq: 15 Aug 2019 12:29

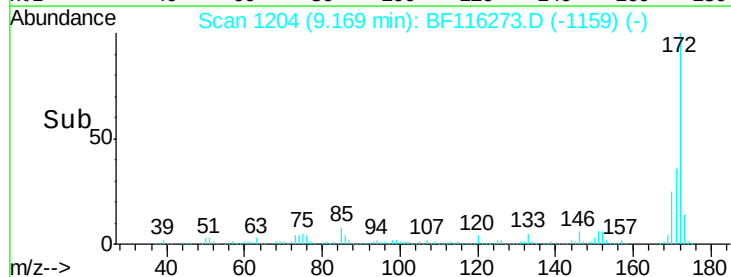
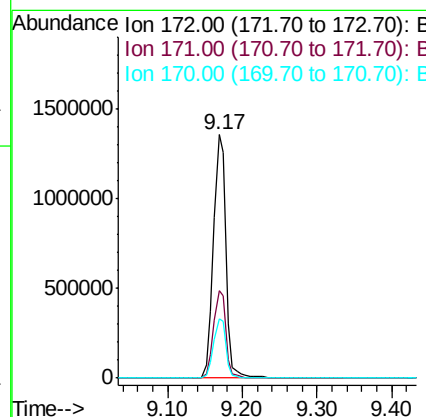
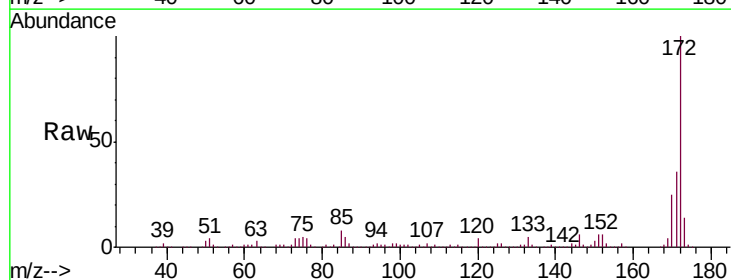
Instrument :
 BNA_F
 ClientSampleId :
 PB122215BL

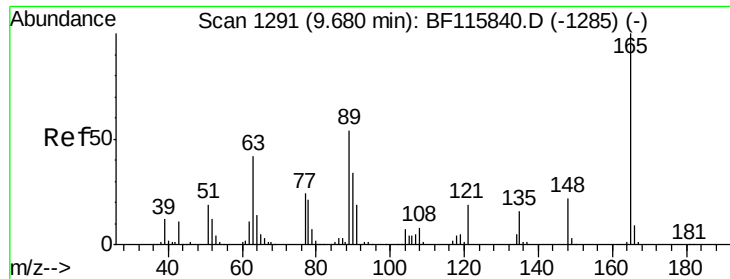
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.8	115.2
141	32.8	26.3	39.5



#45
 2-Fluorobiphenyl
 Concen: 94.251 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.04 min
 Lab File: BF116273.D
 Acq: 15 Aug 2019 12:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	24.5	20.1	30.1

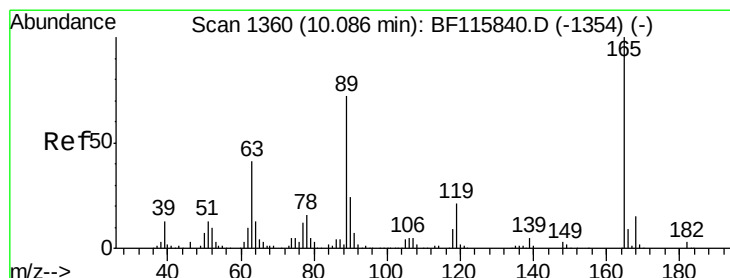
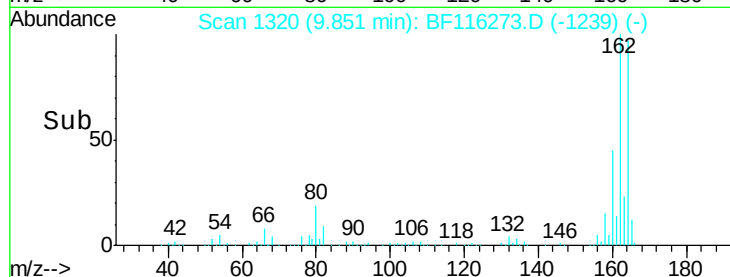
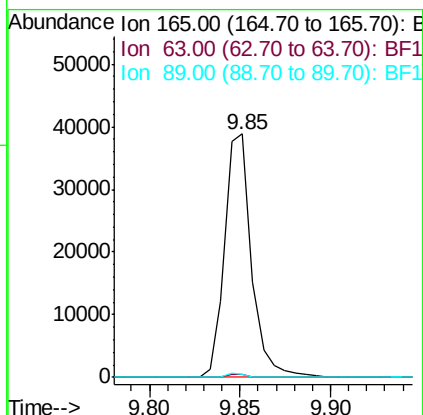
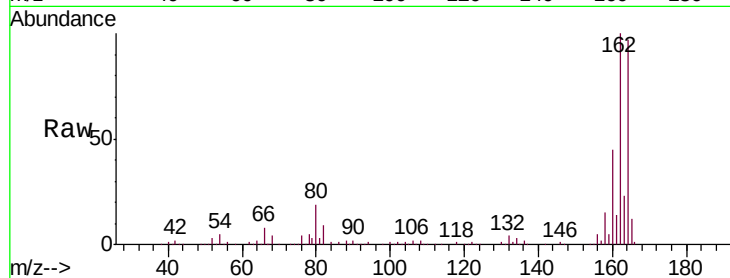




#51
 2,6-Dinitrotoluene
 Concen: 8.630 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.18 min
 Lab File: BF116273.D
 Acq: 15 Aug 2019 12:29

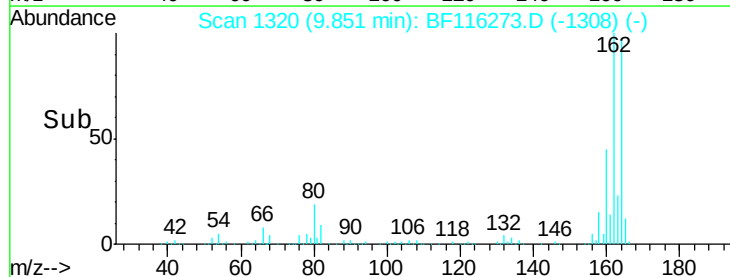
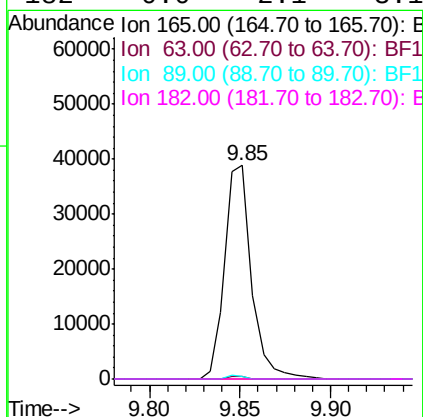
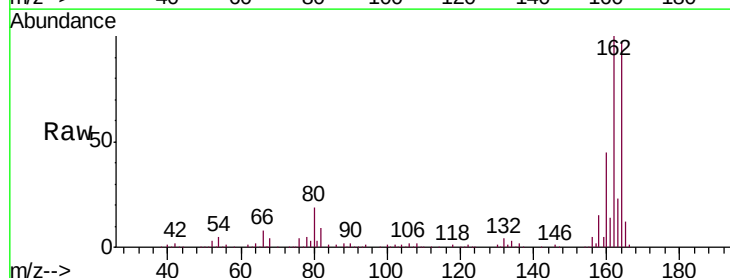
Instrument :
 BNA_F
 ClientSampleId :
 PB122215BL

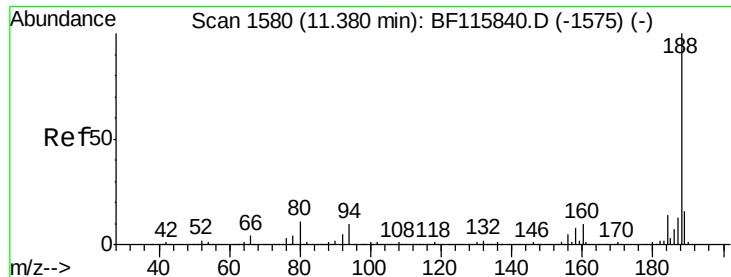
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	38.2	57.2#
89	1.5	42.9	64.3#



#57
 2,4-Dinitrotoluene
 Concen: 6.482 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.23 min
 Lab File: BF116273.D
 Acq: 15 Aug 2019 12:29

Tgt 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#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.04 min

Lab File: BF116273.D

Acq: 15 Aug 2019 12:29

Instrument :

BNA_F

ClientSampleId :

PB122215BL

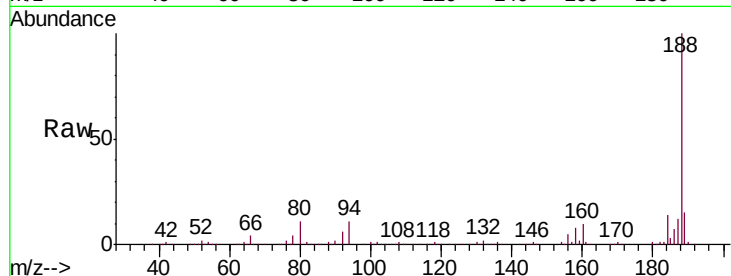
Tgt Ion:188 Resp: 580995

Ion Ratio Lower Upper

188 100

94 10.6 8.1 12.1

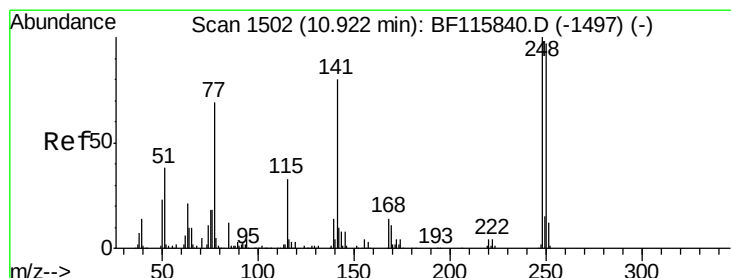
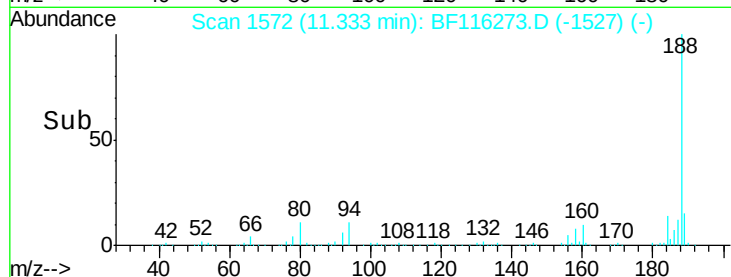
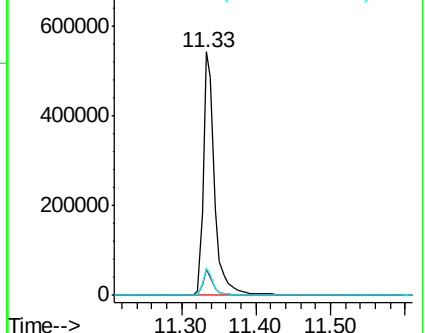
80 11.2 8.7 13.1



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



#67

4-Bromophenyl-phenylether

Concen: 3.840 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.26 min

Lab File: BF116273.D

Acq: 15 Aug 2019 12:29

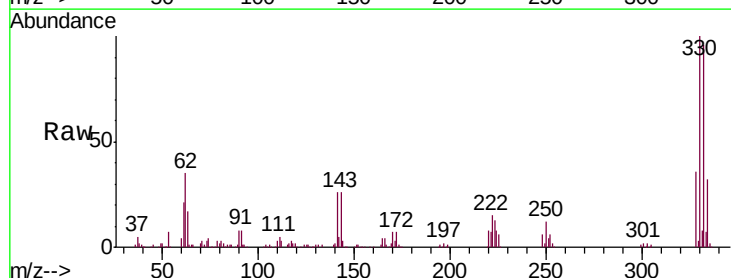
Tgt Ion:248 Resp: 23881

Ion Ratio Lower Upper

248 100

250 202.3 77.4 116.2#

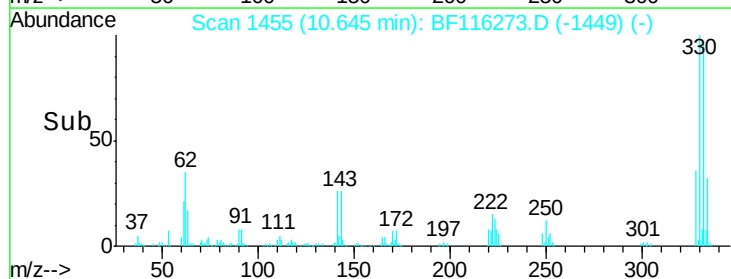
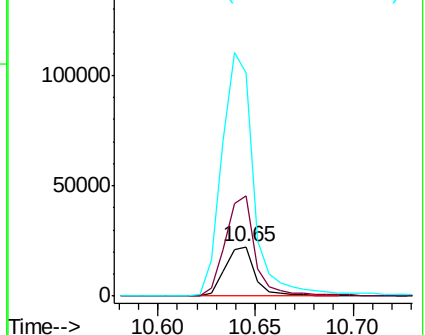
141 452.5 56.8 85.2#

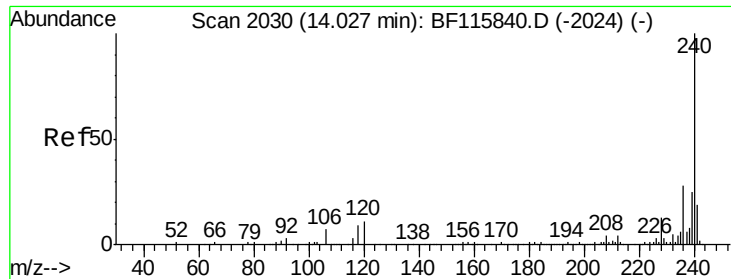


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

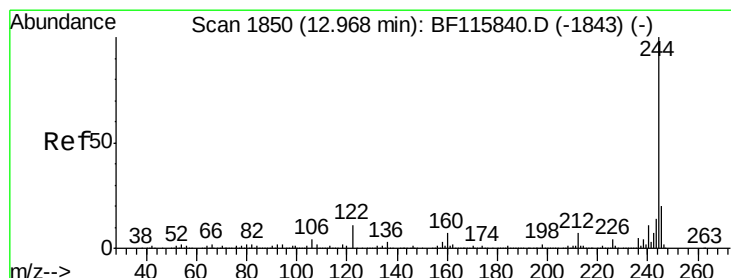
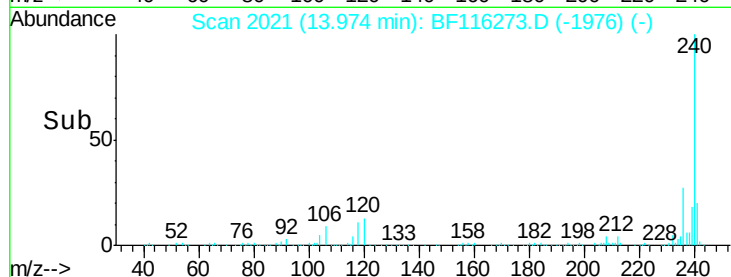
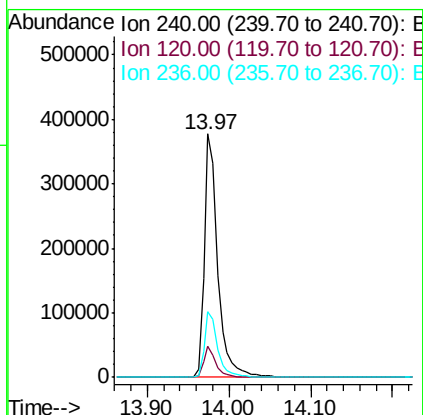
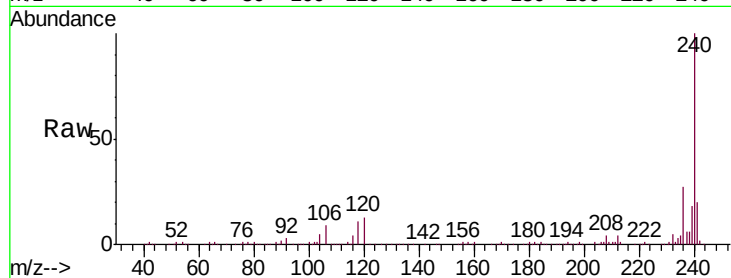




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.04 min
 Lab File: BF116273.D
 Acq: 15 Aug 2019 12:29

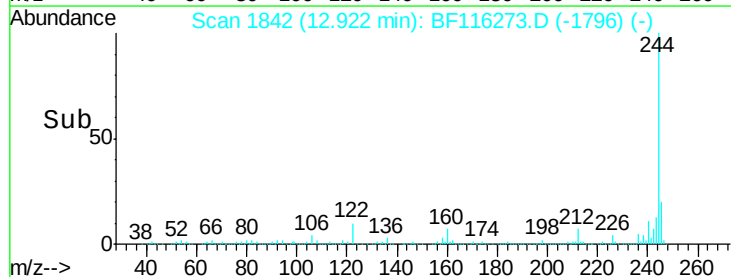
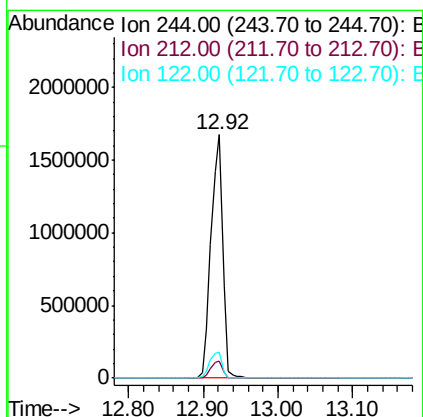
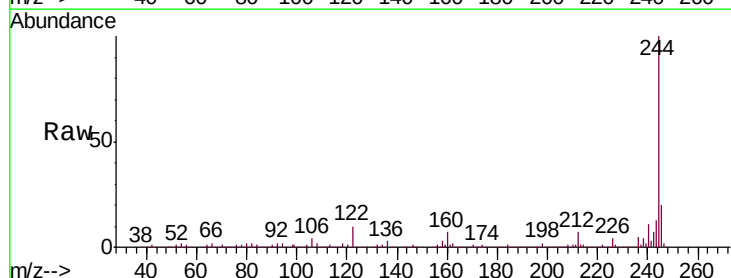
Instrument :
 BNA_F
 ClientSampleId :
 PB122215BL

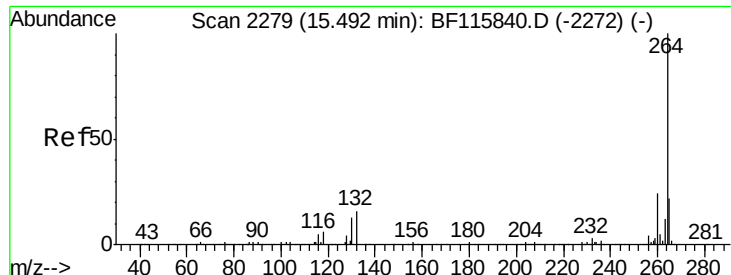
Tgt Ion:240 Resp: 430479
 Ion Ratio Lower Upper
 240 100
 120 13.0 10.7 16.1
 236 27.2 22.2 33.2



#79
 Terphenyl-d14
 Concen: 88.747 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.03 min
 Lab File: BF116273.D
 Acq: 15 Aug 2019 12:29

Tgt Ion:244 Resp: 1813037
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 10.5 9.0 13.4

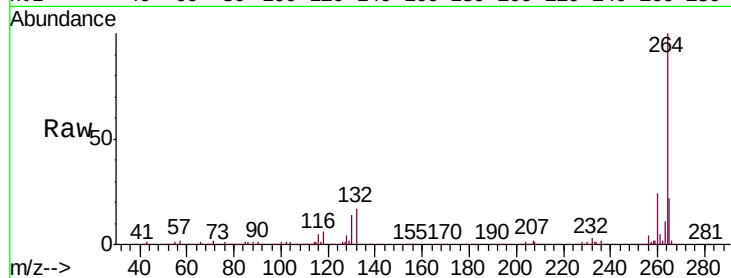




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.04 min
Lab File: BF116273.D
Acq: 15 Aug 2019 12:29

Instrument :
BNA_F
ClientSampleId :
PB122215BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.7	29.5
265	21.5	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

