

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082019\
 Data File : BF116421.D
 Acq On : 20 Aug 2019 9:02
 Operator : HP/JU
 Sample : PB122344BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122344BL

Quant Time: Aug 20 15:07:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:03:31 2019
 Response via : Initial Calibration

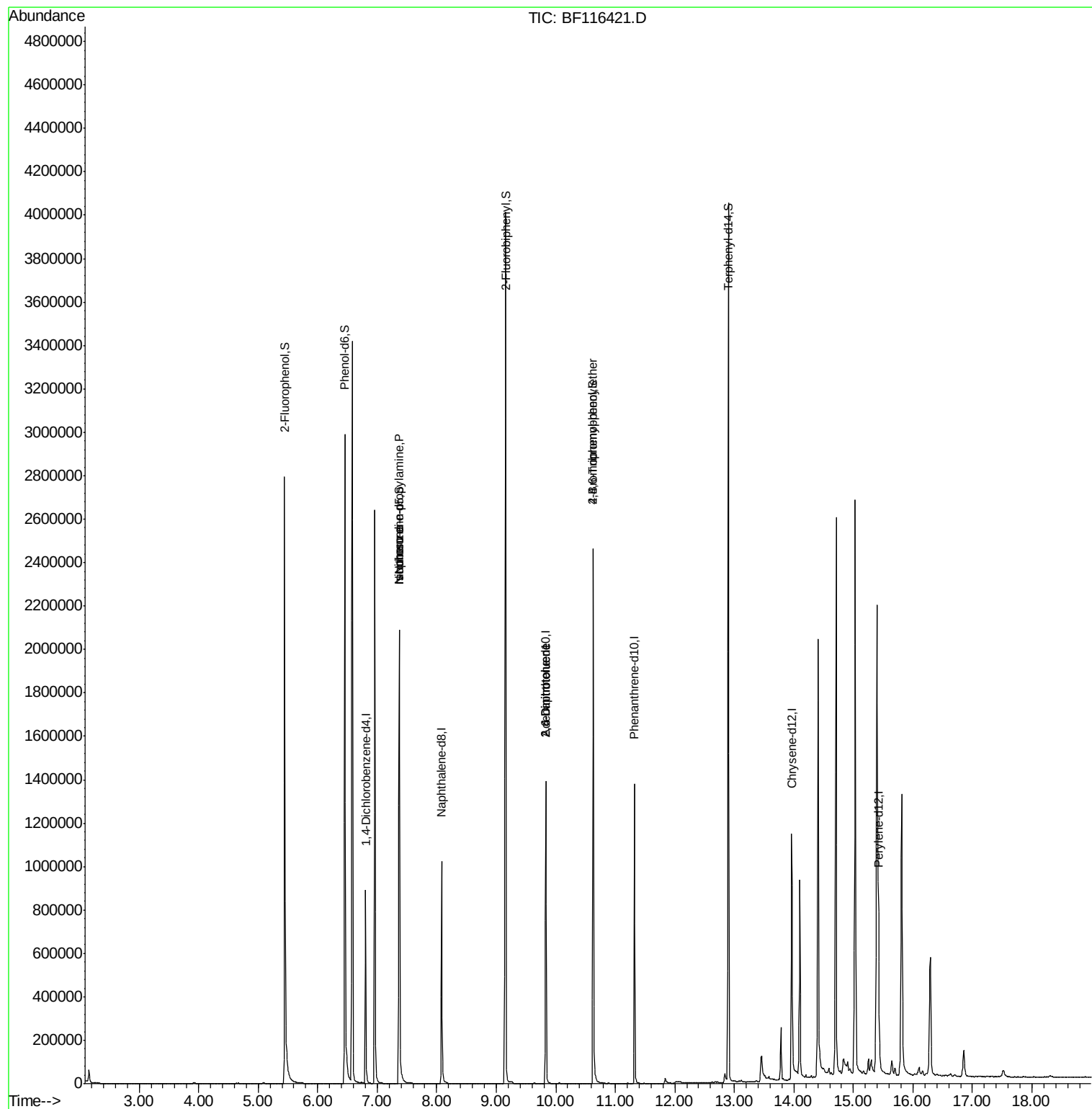
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	136277	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	524125	20.00	ng	-0.02
39) Acenaphthene-d10	9.83	164	277292	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	482764	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	343845	20.00	ng	-0.02
87) Perylene-d12	15.42	264	343418	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	976778	119.99	ng	0.00
7) Phenol-d6	6.46	99	1237014	120.44	ng	0.00
23) Nitrobenzene-d5	7.37	82	801432	88.26	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	327462	121.80	ng	-0.02
45) 2-Fluorobiphenyl	9.16	172	1360457	91.90	ng	-0.01
79) Terphenyl-d14	12.90	244	1509983	92.54	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	104788	16.464	ng	# 79
25) Isophorone	7.37	82	801432	46.159	ng	# 65
51) 2,6-Dinitrotoluene	9.83	165	36115	8.802	ng	# 28
57) 2,4-Dinitrotoluene	9.83	165	36115	6.611	ng	# 20
67) 4-Bromophenyl-phenylether	10.63	248	19904	3.851	ng	# 1

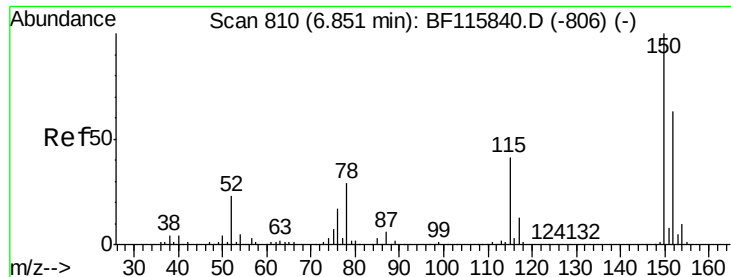
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082019\
Data File : BF116421.D
Acq On : 20 Aug 2019 9:02
Operator : HP/JU
Sample : PB122344BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB122344BL

Quant Time: Aug 20 15:07:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 06:03:31 2019
Response via : Initial Calibration



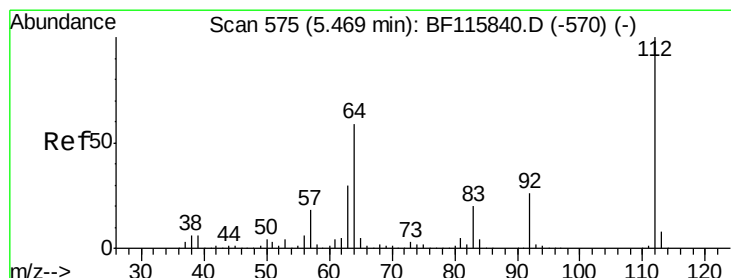
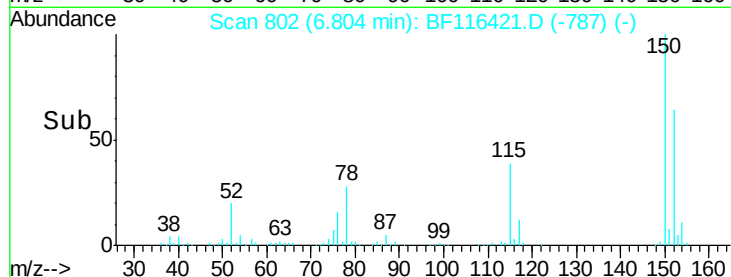
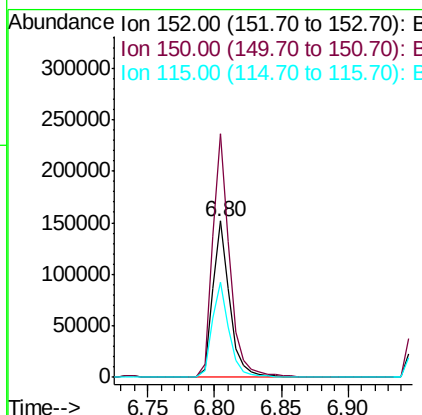
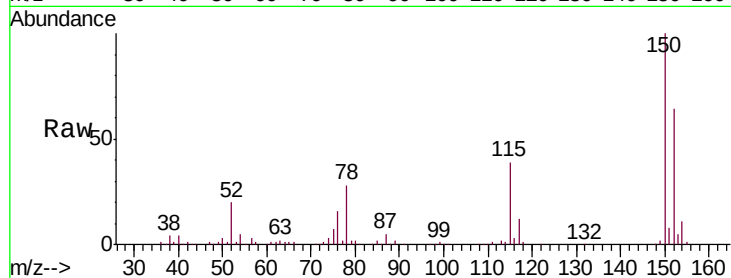


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF116421.D
Acq: 20 Aug 2019 9:02

Instrument :
BNA_F
ClientSampleId :
PB122344BL

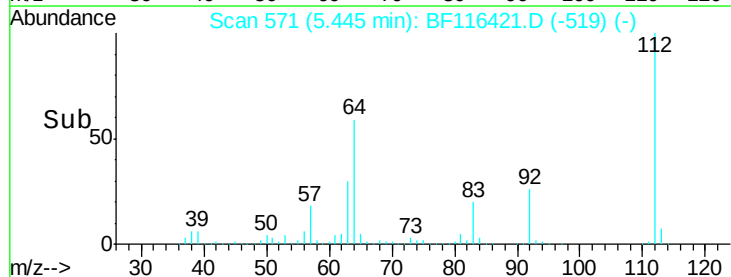
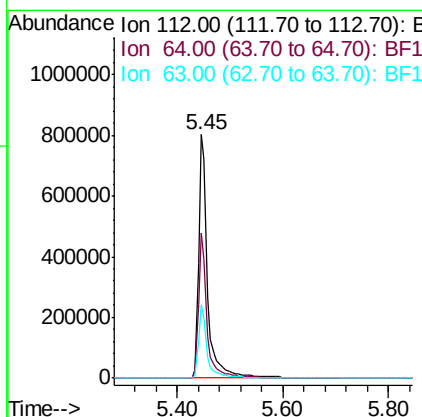
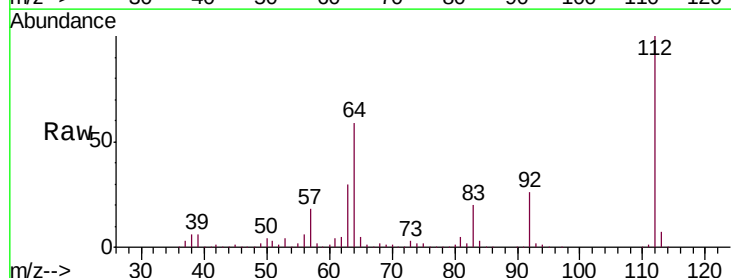
Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.8	126.2	189.2
115	60.7	49.9	74.9

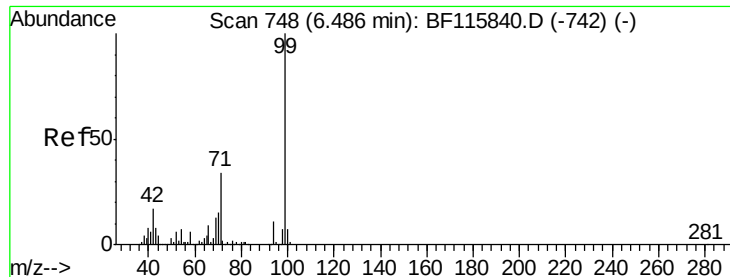


#5

2-Fluorophenol
Concen: 119.990 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF116421.D
Acq: 20 Aug 2019 9:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.3	45.4	68.2
63	30.2	23.7	35.5





#7

Phenol-d6

Concen: 120.441 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF116421.D

Acq: 20 Aug 2019 9:02

Instrument :

BNA_F

ClientSampleId :

PB122344BL

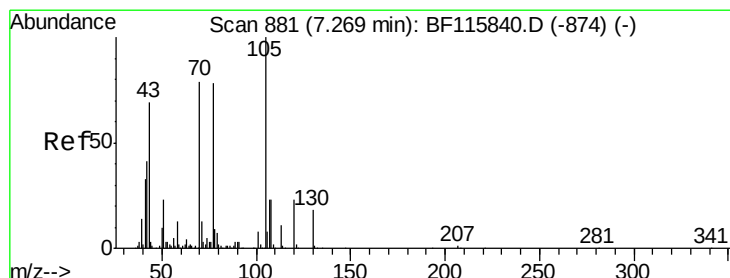
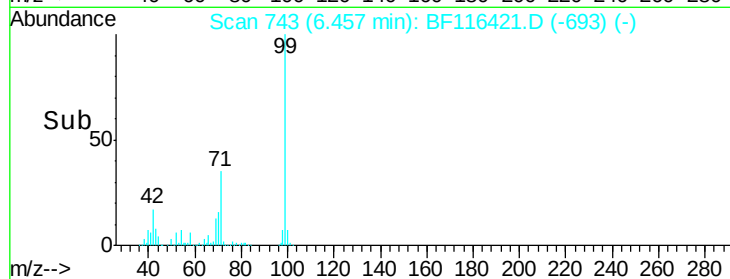
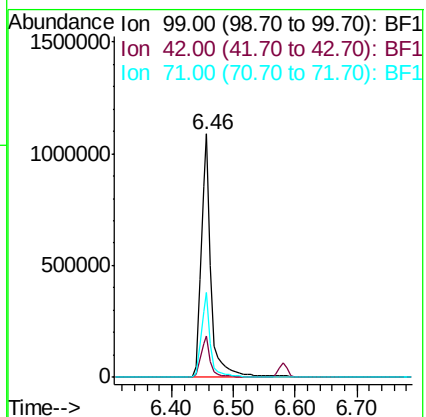
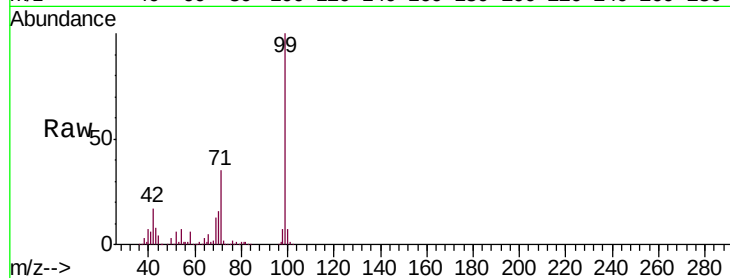
Tgt Ion: 99 Resp: 1237014

Ion Ratio Lower Upper

99 100

42 17.0 13.8 20.8

71 35.0 27.3 40.9



#19

n-Nitroso-di-n-propylamine

Concen: 16.464 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.14 min

Lab File: BF116421.D

Acq: 20 Aug 2019 9:02

Tgt Ion: 70 Resp: 104788

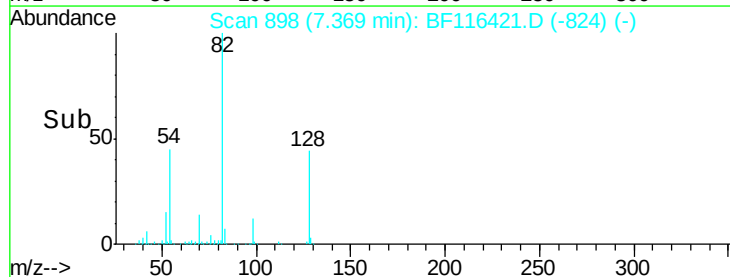
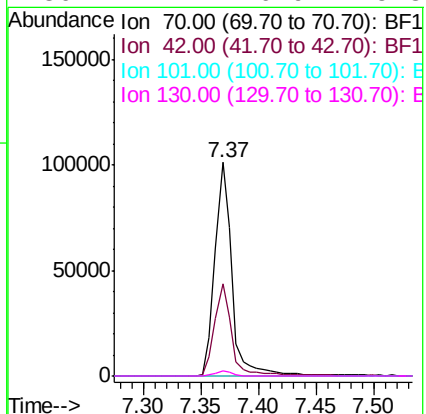
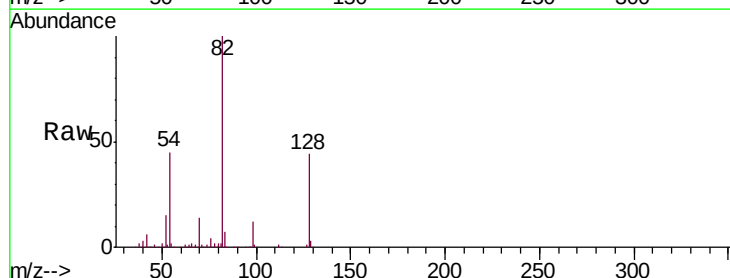
Ion Ratio Lower Upper

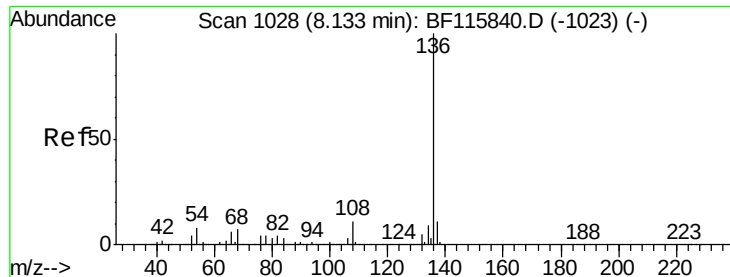
70 100

42 43.2 40.9 61.3

101 0.0 7.9 11.9#

130 2.2 16.9 25.3#

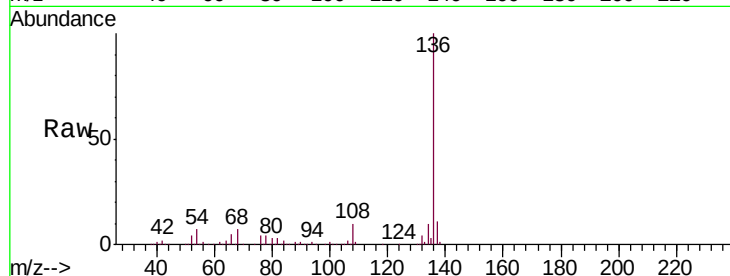




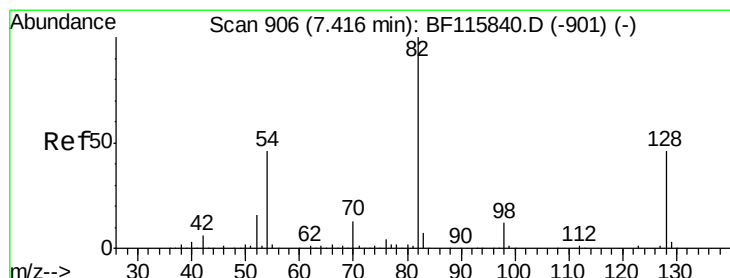
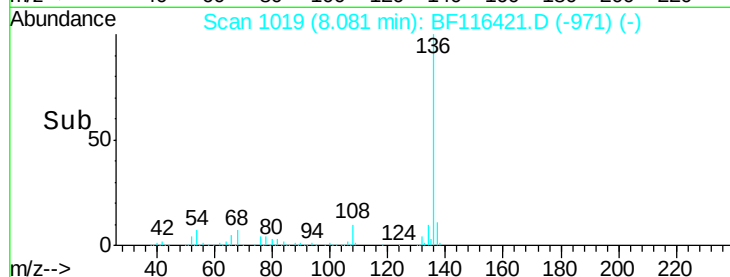
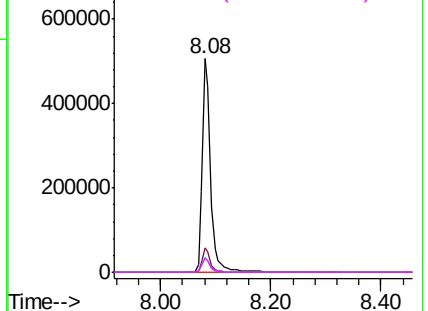
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BF116421.D
Acq: 20 Aug 2019 9:02

Instrument :
BNA_F
ClientSampleId :
PB122344BL

Tgt Ion:	136	Resp:	524125
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	7.4	5.8	8.6
68	6.6	5.2	7.8

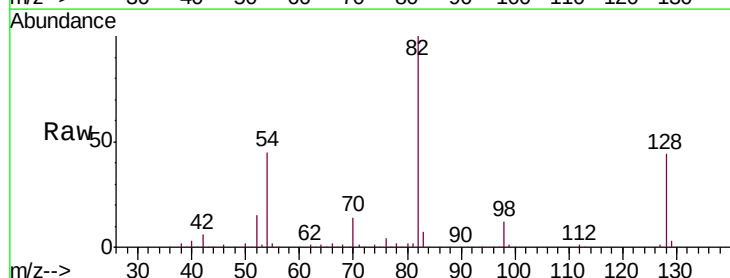


Abundance Ion 136.00 (135.70 to 136.70): E
800000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

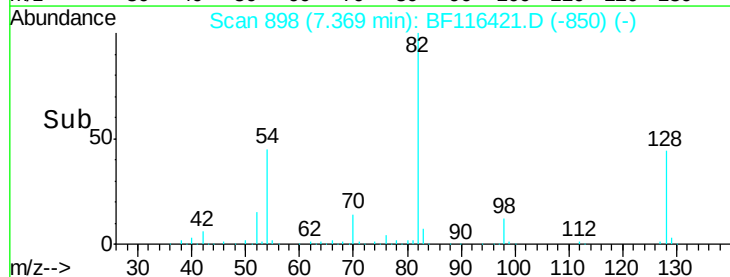
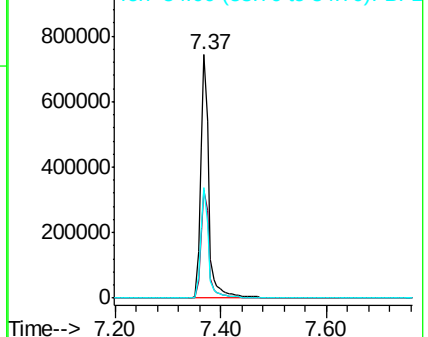


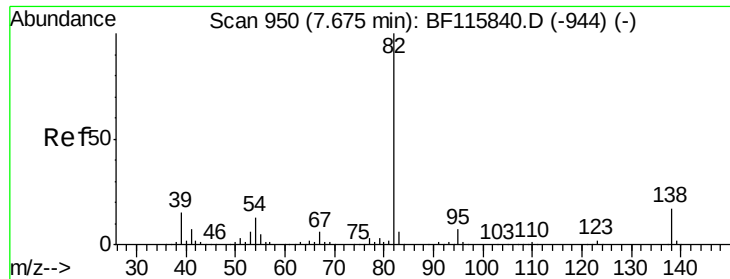
#23
Nitrobenzene-d5
Concen: 88.264 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF116421.D
Acq: 20 Aug 2019 9:02

Tgt Ion:	82	Resp:	801432
Ion	Ratio	Lower	Upper
82	100		
128	44.3	36.5	54.7
54	45.3	36.0	54.0



Abundance Ion 82.00 (81.70 to 82.70): BF1
1000000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 46.159 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.27 min

Lab File: BF116421.D

Acq: 20 Aug 2019 9:02

Instrument :

BNA_F

ClientSampleID :

PB122344BL

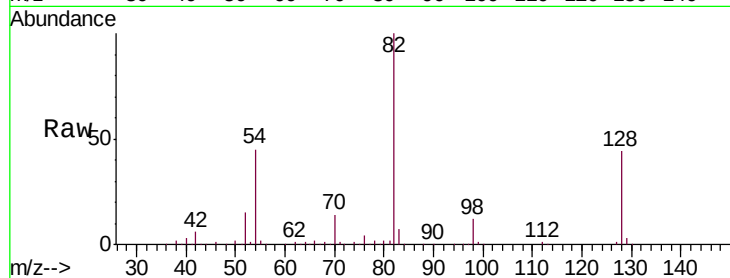
Tgt Ion: 82 Resp: 801432

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

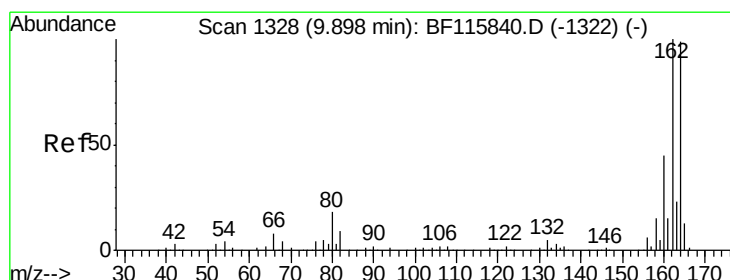
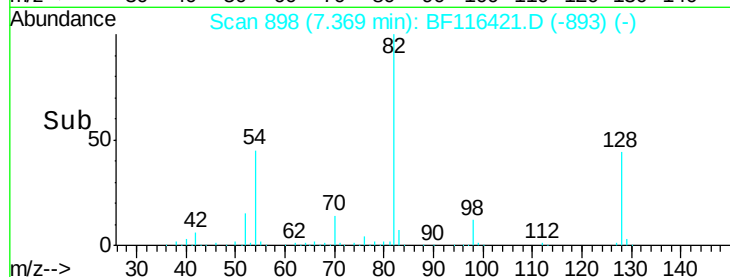
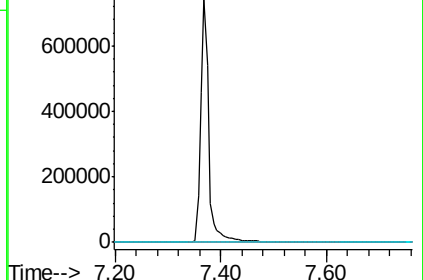
138 0.0 14.5 21.7#



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: 9.83 min Scan# 1317

Delta R.T. -0.02 min

Lab File: BF116421.D

Acq: 20 Aug 2019 9:02

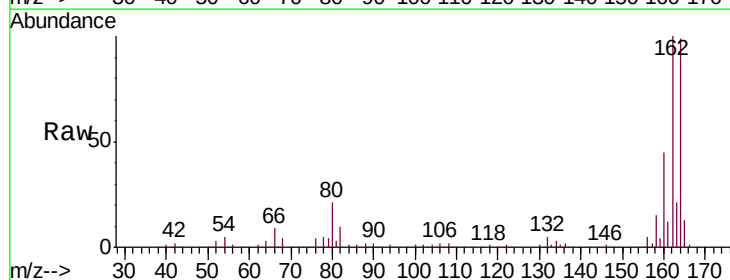
Tgt Ion: 164 Resp: 277292

Ion Ratio Lower Upper

164 100

162 101.0 82.6 124.0

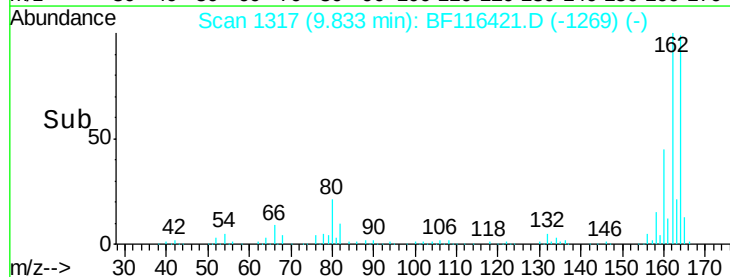
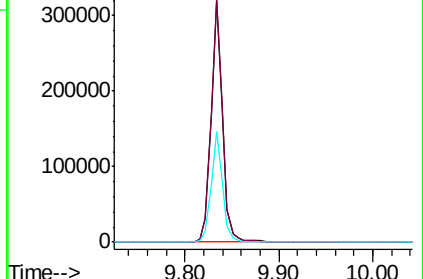
160 45.6 37.6 56.4

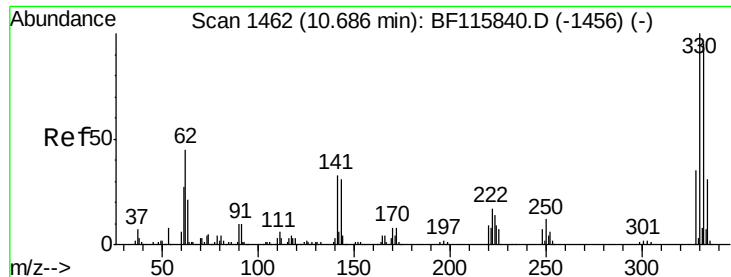


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 121.804 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.02 min

Lab File: BF116421.D

Acq: 20 Aug 2019 9:02

Instrument :

BNA_F

ClientSampleId :

PB122344BL

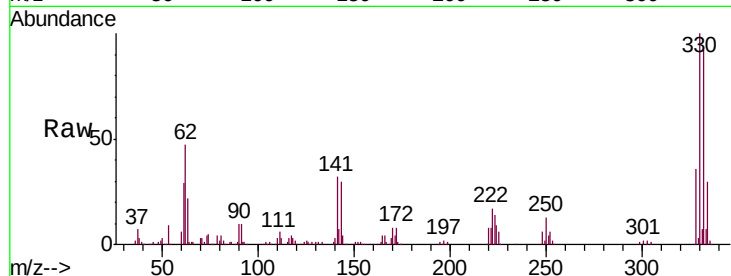
Tgt Ion:330 Resp: 327462

Ion Ratio Lower Upper

330 100

332 94.2 76.8 115.2

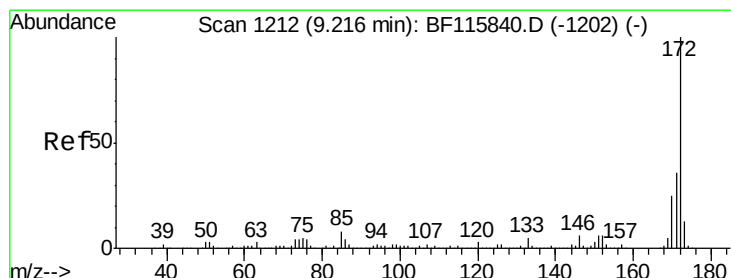
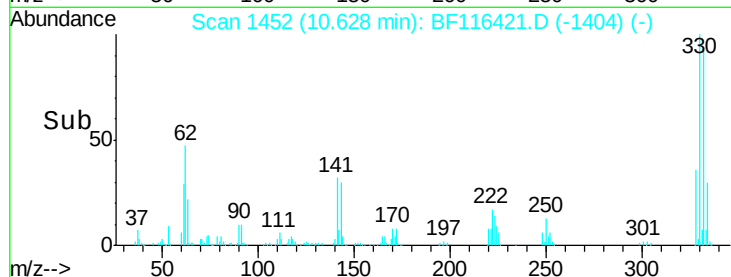
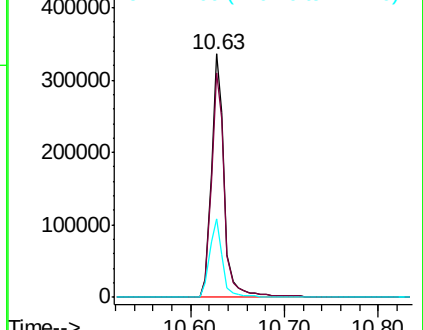
141 32.7 26.3 39.5



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: 91.897 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF116421.D

Acq: 20 Aug 2019 9:02

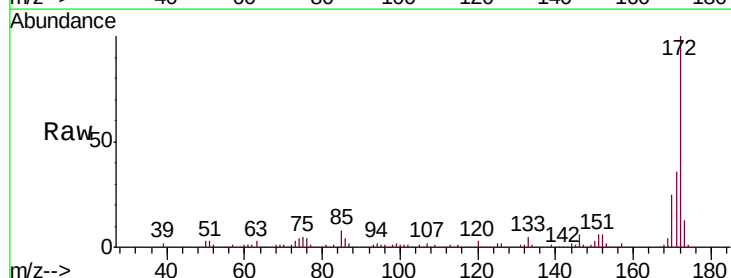
Tgt Ion:172 Resp: 1360457

Ion Ratio Lower Upper

172 100

171 36.5 29.6 44.4

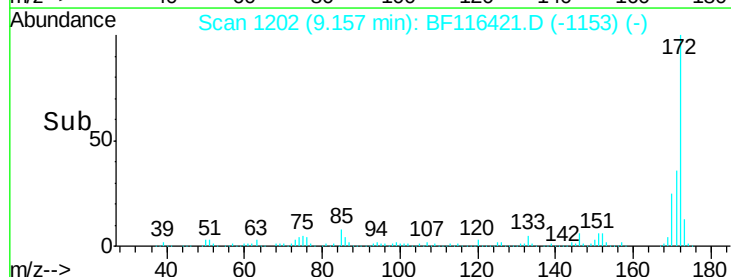
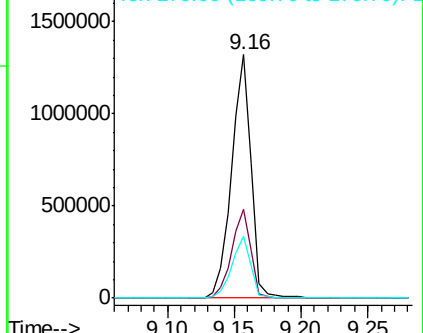
170 25.4 20.1 30.1

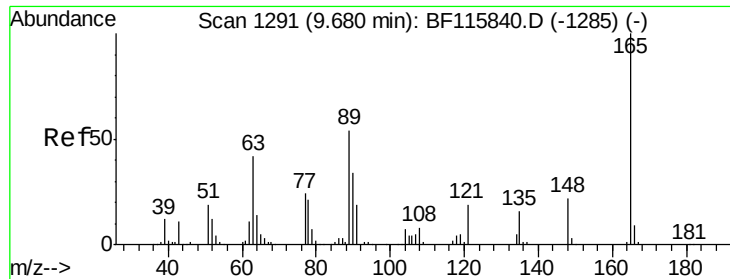


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#51

2,6-Dinitrotoluene

Concen: 8.802 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.19 min

Lab File: BF116421.D

Acq: 20 Aug 2019 9:02

Instrument :

BNA_F

ClientSampleId :

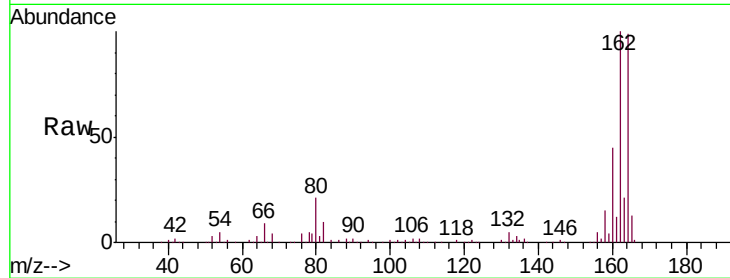
PB122344BL

Tgt Ion:165 Resp: 36115
Ion Ratio Lower Upper

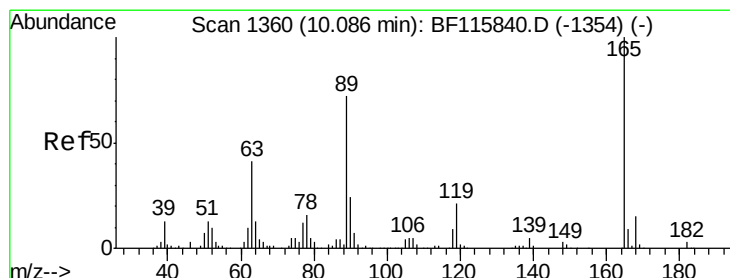
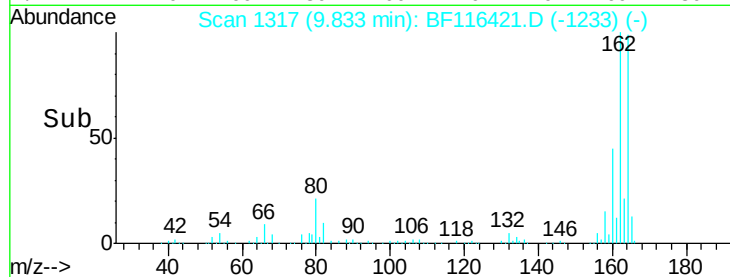
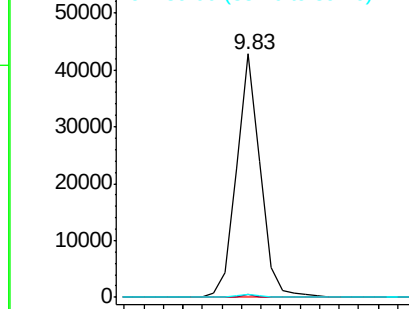
165 100

63 1.2 38.2 57.2#

89 1.1 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: 6.611 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.22 min

Lab File: BF116421.D

Acq: 20 Aug 2019 9:02

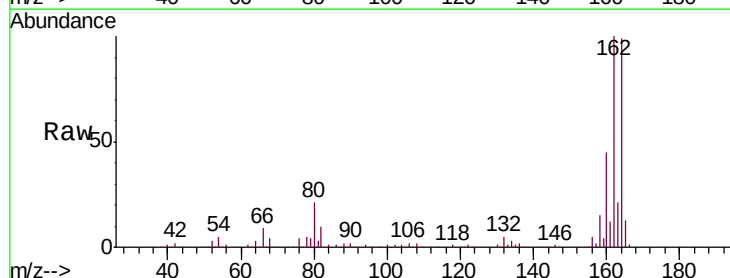
Tgt Ion:165 Resp: 36115
Ion Ratio Lower Upper

165 100

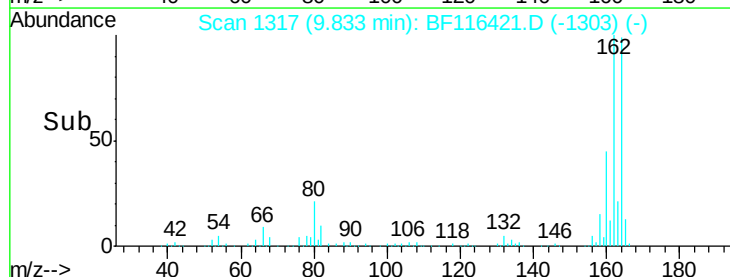
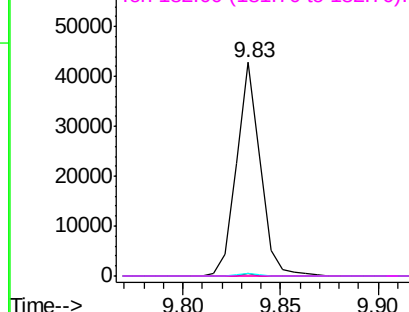
63 1.2 39.6 59.4#

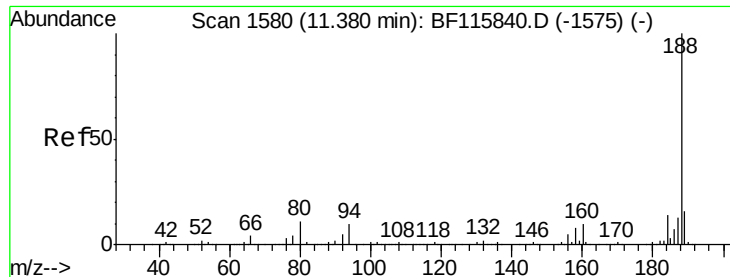
89 1.1 62.2 93.2#

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

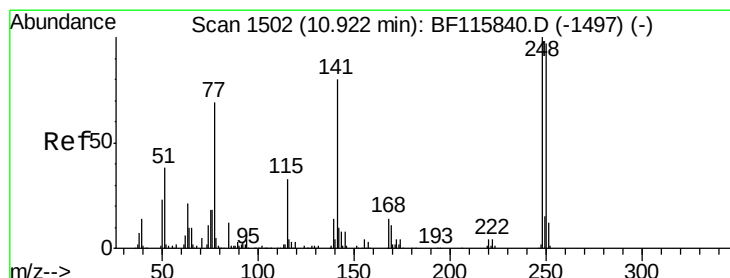
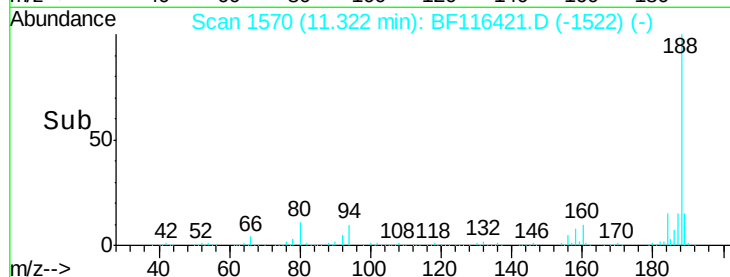
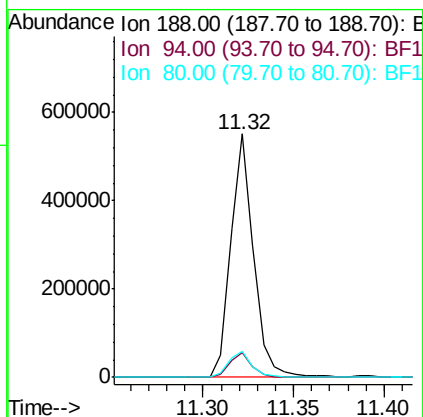
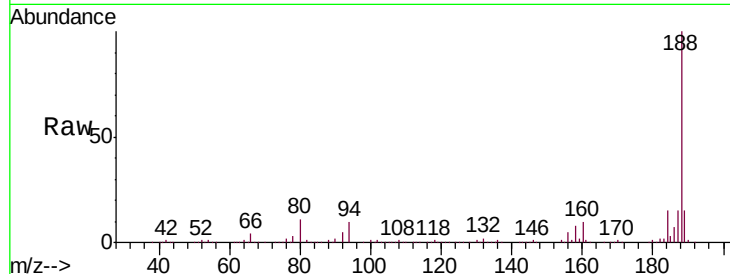




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.02 min
 Lab File: BF116421.D
 Acq: 20 Aug 2019 9:02

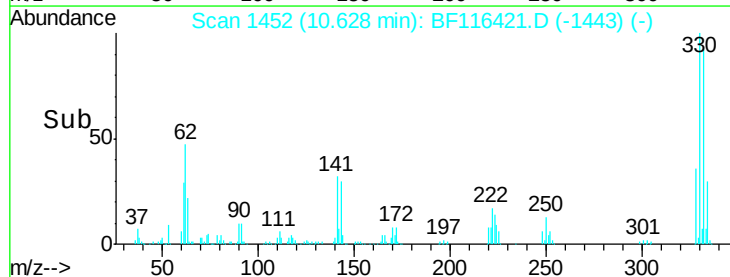
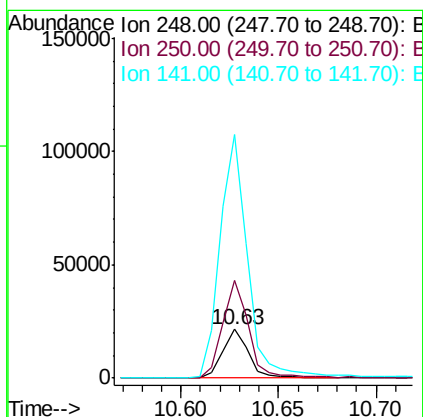
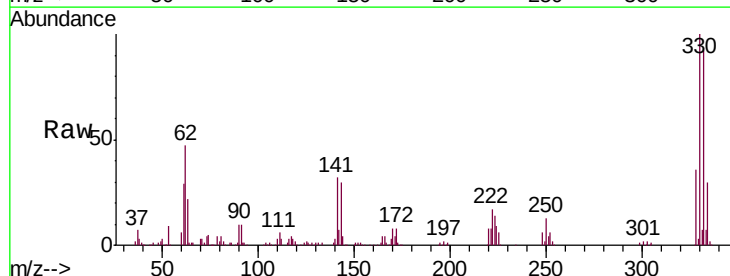
Instrument :
 BNA_F
 ClientSampleId :
 PB122344BL

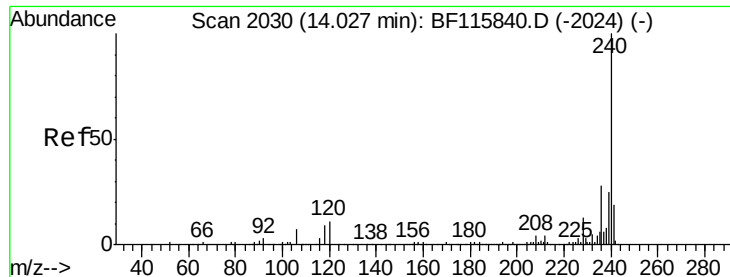
Tgt Ion:188 Resp: 482764
 Ion Ratio Lower Upper
 188 100
 94 9.9 8.1 12.1
 80 10.7 8.7 13.1



#67
 4-Bromophenyl-phenylether
 Concen: 3.851 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.25 min
 Lab File: BF116421.D
 Acq: 20 Aug 2019 9:02

Tgt Ion:248 Resp: 19904
 Ion Ratio Lower Upper
 248 100
 250 201.8 77.4 116.2#
 141 502.3 56.8 85.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.02 min

Lab File: BF116421.D

Acq: 20 Aug 2019 9:02

Instrument :

BNA_F

ClientSampleId :

PB122344BL

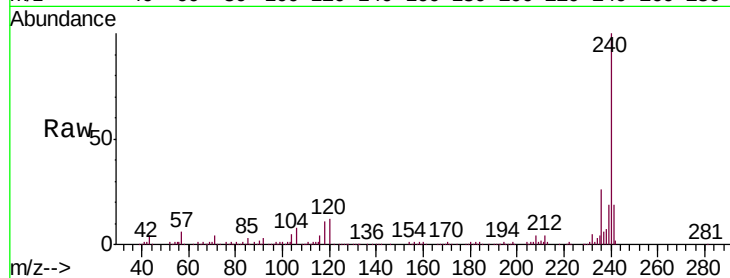
Tgt Ion:240 Resp: 343845

Ion Ratio Lower Upper

240 100

120 12.3 10.7 16.1

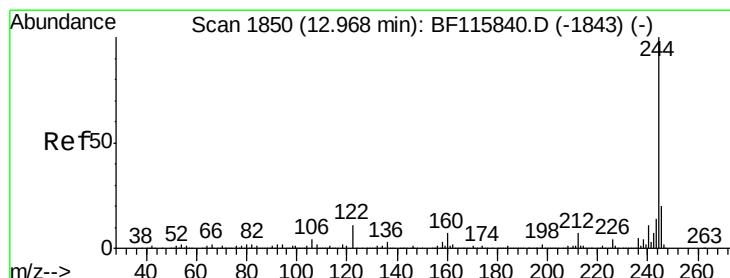
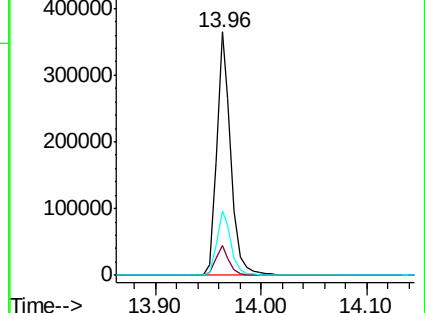
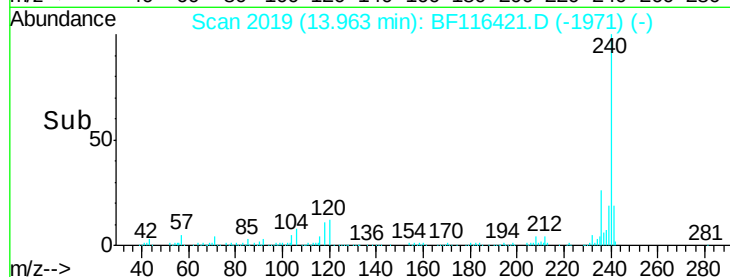
236 26.5 22.2 33.2



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: 92.535 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF116421.D

Acq: 20 Aug 2019 9:02

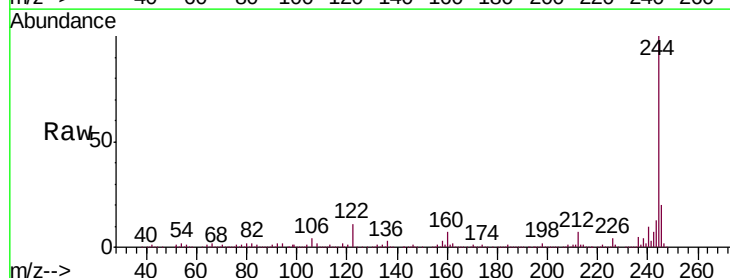
Tgt Ion:244 Resp: 1509983

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

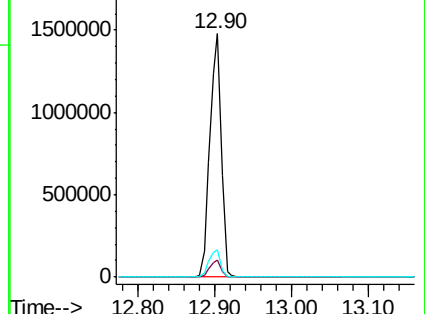
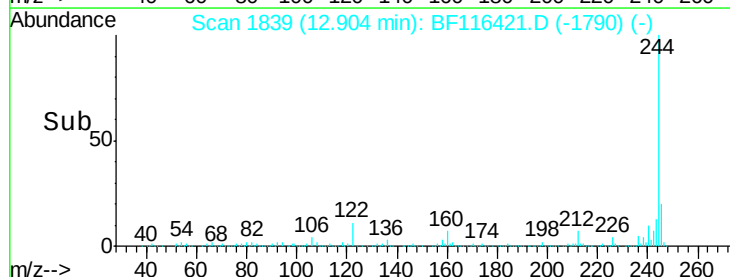
122 11.1 9.0 13.4

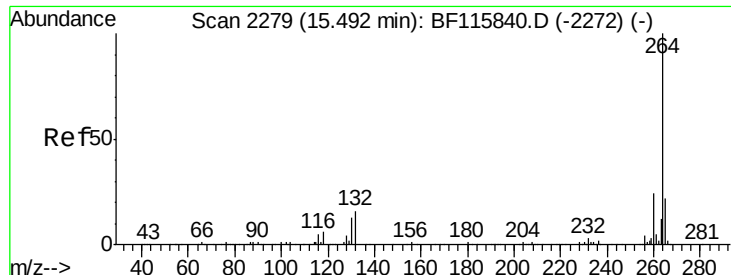


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.42 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF116421.D
Acq: 20 Aug 2019 9:02

Instrument :
BNA_F
ClientSampleId :
PB122344BL

Tgt Ion:	264	Resp:	343418
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.7	29.5
265	21.6	17.4	26.0

