

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081219\
 Data File : BF116189.D
 Acq On : 12 Aug 2019 13:58
 Operator : HP/JU
 Sample : PB122127TB
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122127TB

Quant Time: Aug 12 15:03:53 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

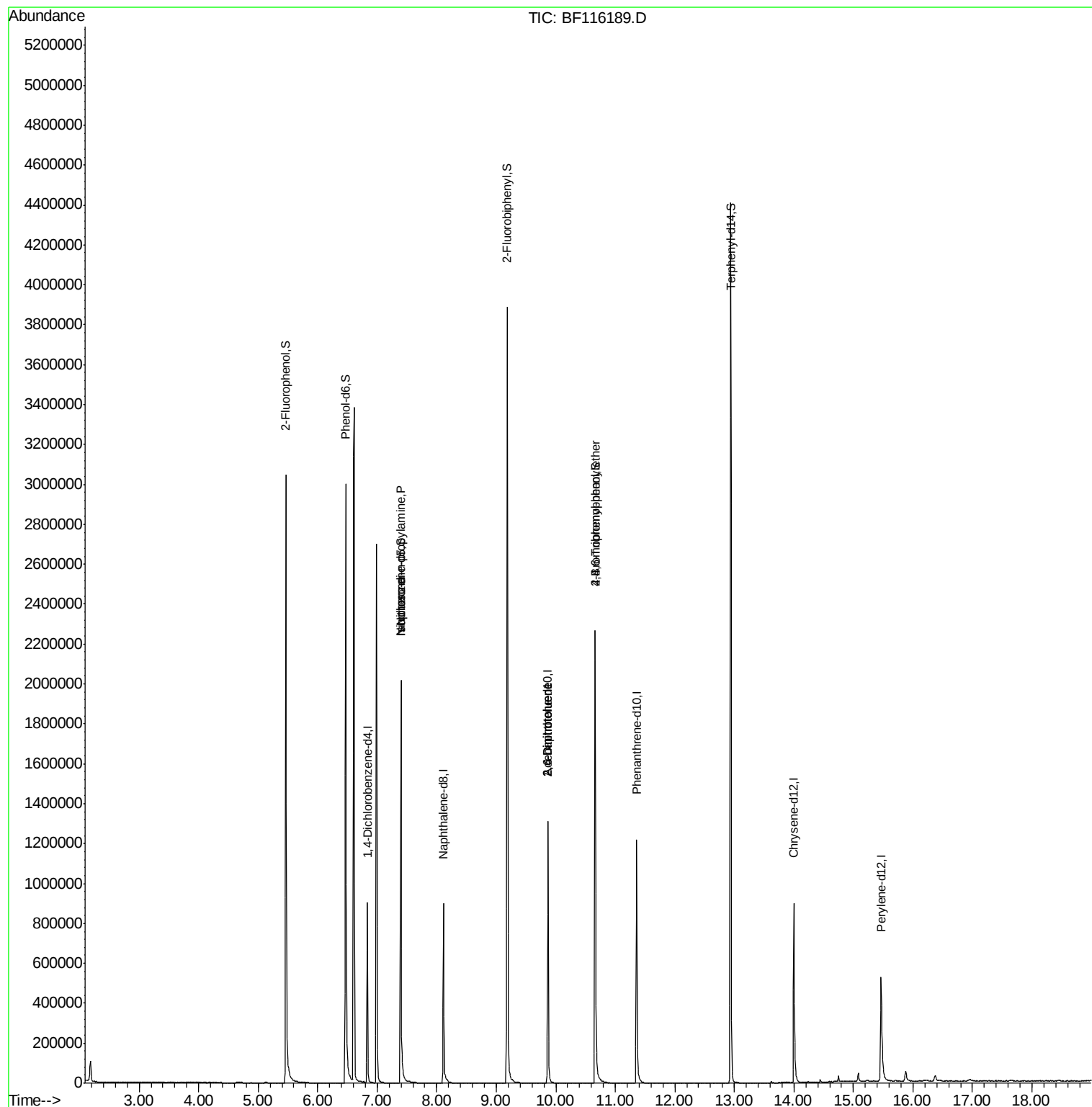
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	136058	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	529975	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	291293	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	546259	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	400360	20.00	ng	-0.01
87) Perylene-d12	15.47	264	365013	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	974701	119.93	ng	0.00
7) Phenol-d6	6.47	99	1290939	125.89	ng	-0.01
23) Nitrobenzene-d5	7.40	82	840569	91.55	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	366669	129.83	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1482799	95.35	ng	-0.02
79) Terphenyl-d14	12.94	244	1725961	90.84	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	109736	17.270	ng	# 78
25) Isophorone	7.40	82	841418	47.927	ng	# 65
51) 2,6-Dinitrotoluene	9.87	165	37045	8.595	ng	# 29
57) 2,4-Dinitrotoluene	9.87	165	37045	6.455	ng	# 20
67) 4-Bromophenyl-phenylether	10.66	248	22171	3.791	ng	# 1

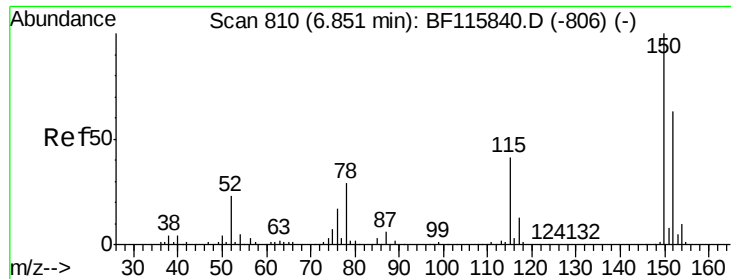
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081219\
Data File : BF116189.D
Acq On : 12 Aug 2019 13:58
Operator : HP/JU
Sample : PB122127TB
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB122127TB

Quant Time: Aug 12 15:03:53 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: 6.83 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF116189.D

Acq: 12 Aug 2019 13:58

Instrument :

BNA_F

ClientSampleId :

PB122127TB

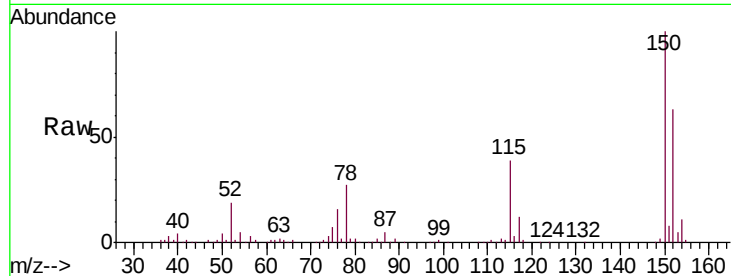
Tgt Ion:152 Resp: 136058

Ion Ratio Lower Upper

152 100

150 158.8 126.2 189.2

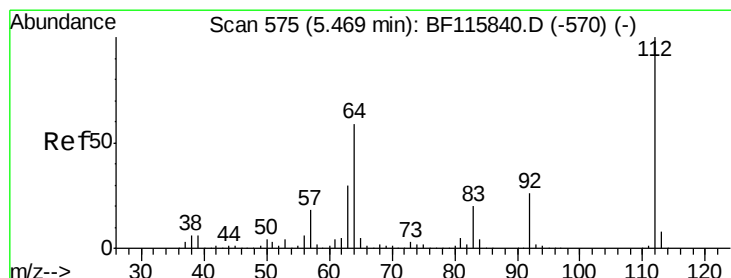
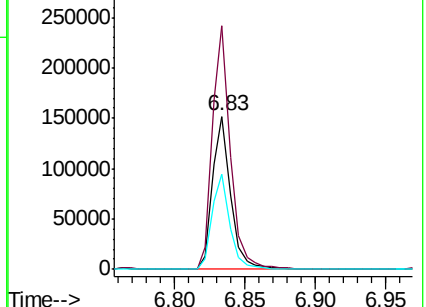
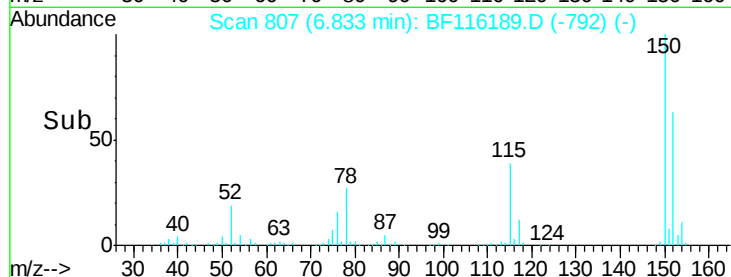
115 62.4 49.9 74.9



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: 119.928 ng

RT: 5.47 min Scan# 575

Delta R.T. -0.00 min

Lab File: BF116189.D

Acq: 12 Aug 2019 13:58

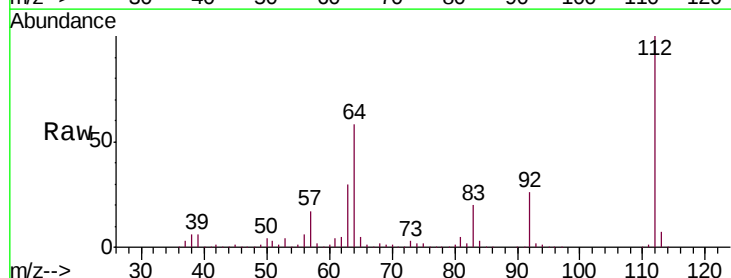
Tgt Ion:112 Resp: 974701

Ion Ratio Lower Upper

112 100

64 57.6 45.4 68.2

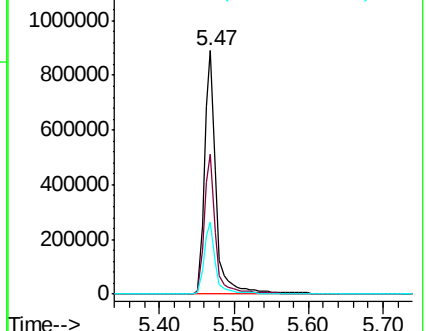
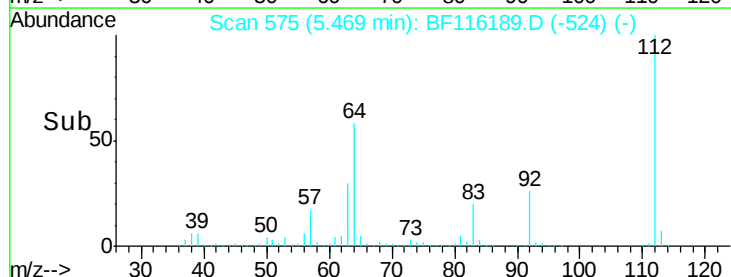
63 29.8 23.7 35.5

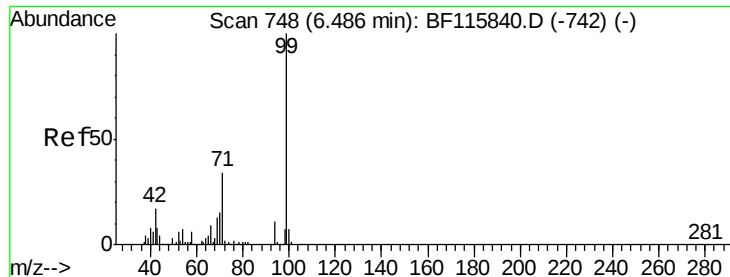


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 125.894 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116189.D

Acq: 12 Aug 2019 13:58

Instrument :

BNA_F

ClientSampleId :

PB122127TB

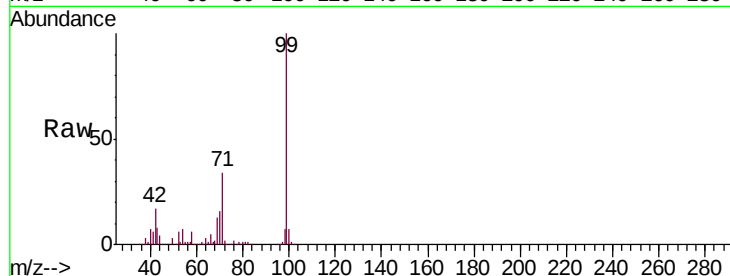
Tgt Ion: 99 Resp: 1290939

Ion Ratio Lower Upper

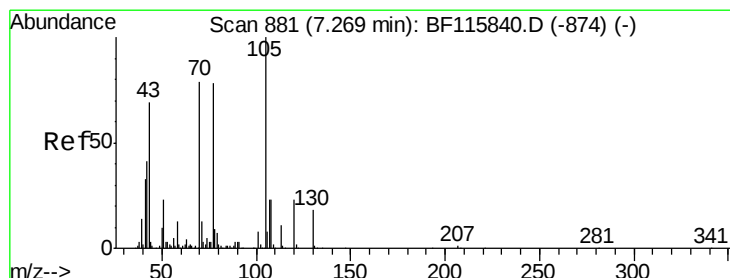
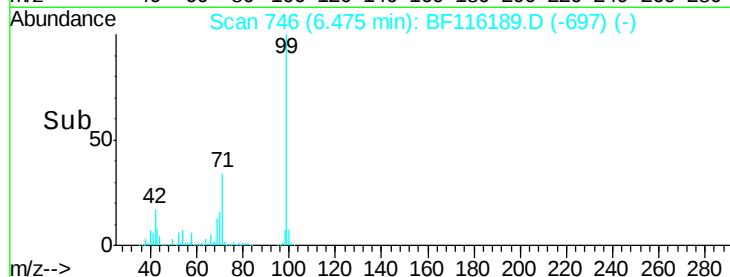
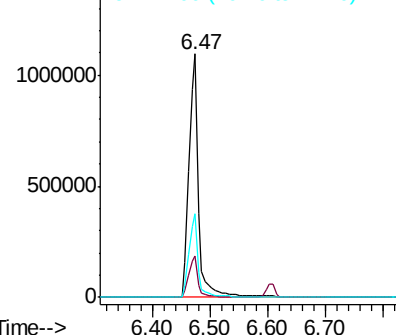
99 100

42 16.9 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: 17.270 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.13 min

Lab File: BF116189.D

Acq: 12 Aug 2019 13:58

Tgt Ion: 70 Resp: 109736

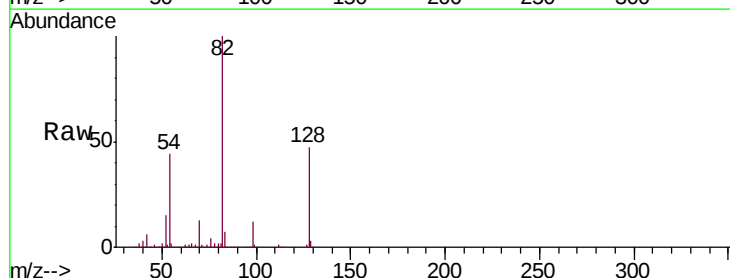
Ion Ratio Lower Upper

70 100

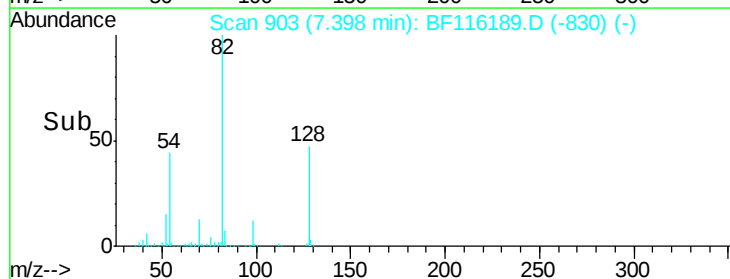
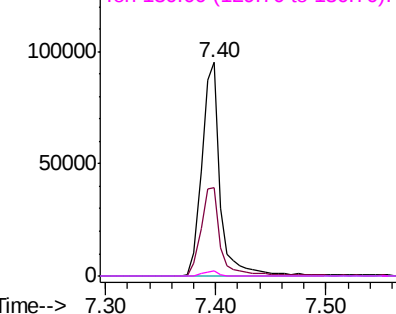
42 41.6 40.9 61.3

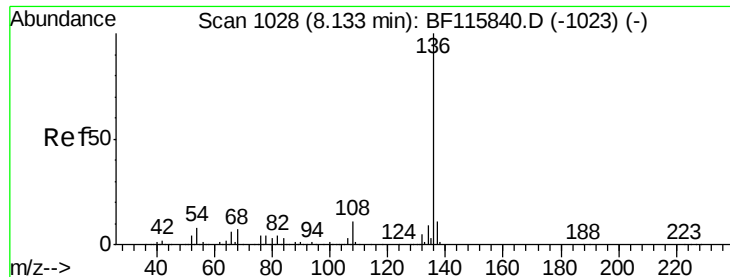
101 0.0 7.9 11.9#

130 2.3 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

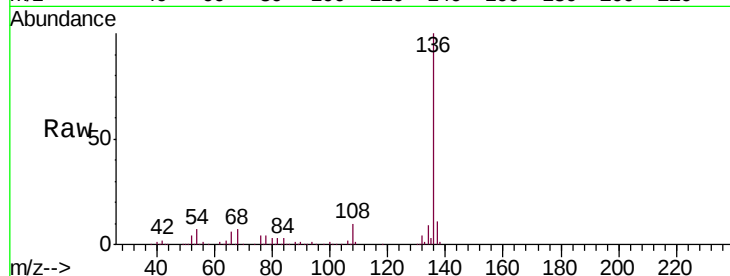




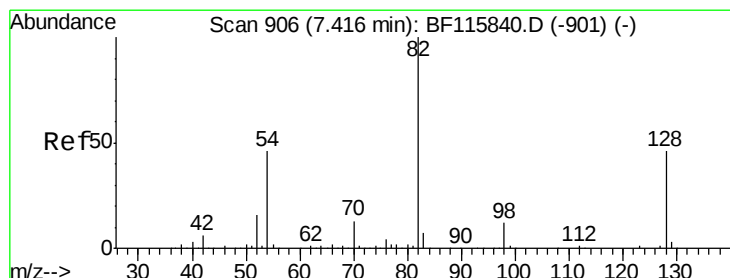
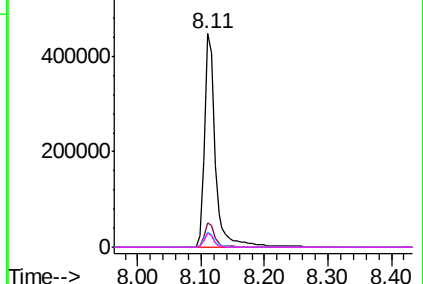
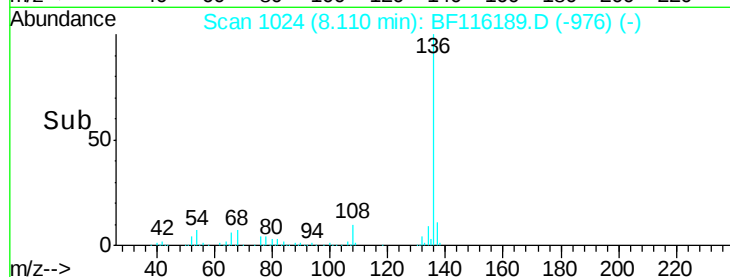
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF116189.D
Acq: 12 Aug 2019 13:58

Instrument :
BNA_F
ClientSampleId :
PB122127TB

Tgt Ion:	136	Resp:	529975
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	7.3	5.8	8.6
68	6.8	5.2	7.8

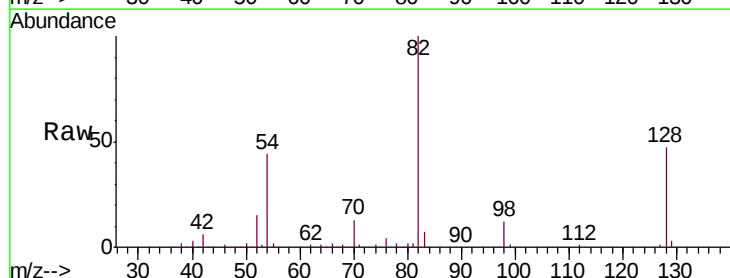


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

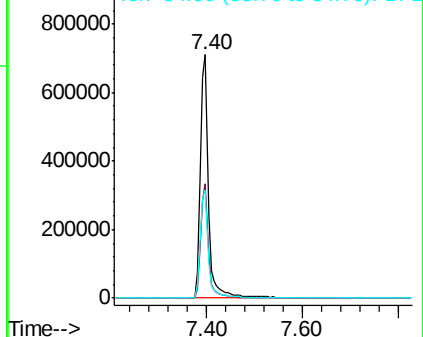
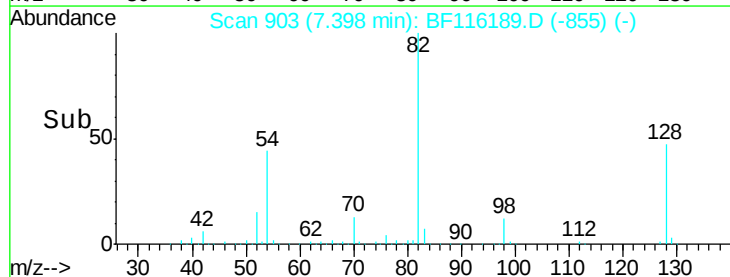


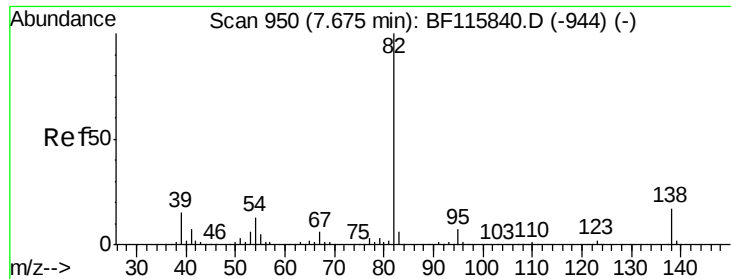
#23
Nitrobenzene-d5
Concen: 91.552 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF116189.D
Acq: 12 Aug 2019 13:58

Tgt Ion:	82	Resp:	840569
Ion	Ratio	Lower	Upper
82	100		
128	46.8	36.5	54.7
54	44.4	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: 47.927 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.28 min

Lab File: BF116189.D

Acq: 12 Aug 2019 13:58

Instrument :

BNA_F

ClientSampleId :

PB122127TB

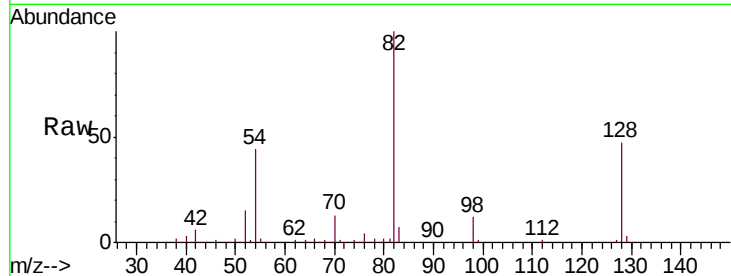
Tgt Ion: 82 Resp: 841418

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

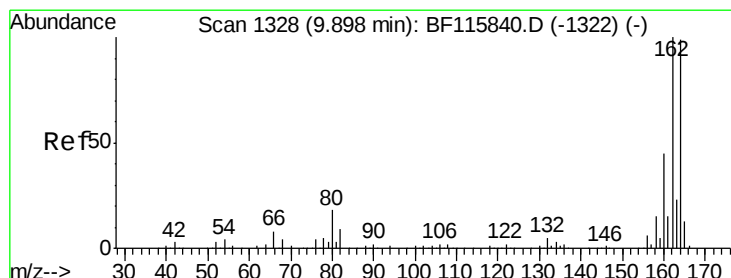
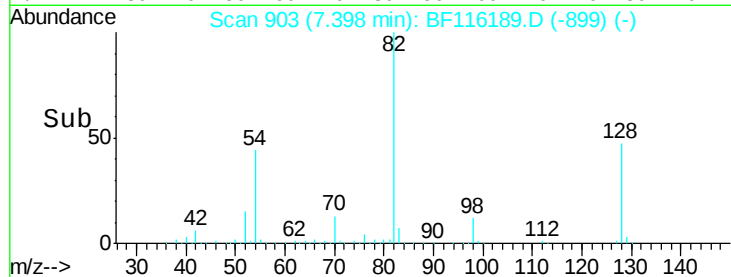
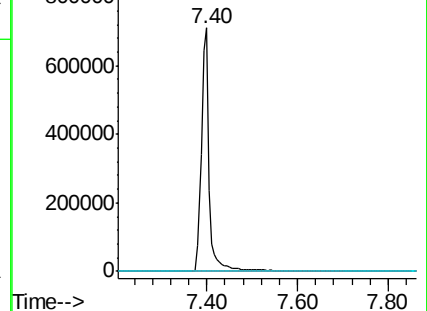
138 0.0 14.5 21.7#



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: BF116189.D

Acq: 12 Aug 2019 13:58

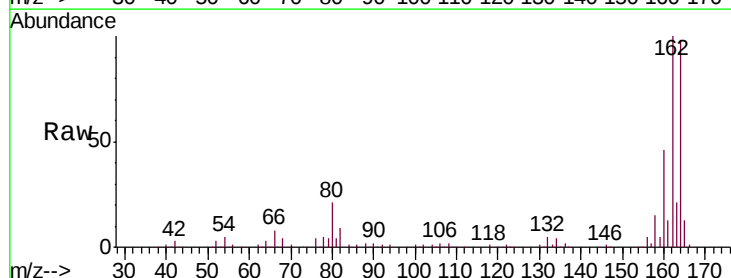
Tgt Ion: 164 Resp: 291293

Ion Ratio Lower Upper

164 100

162 101.9 82.6 124.0

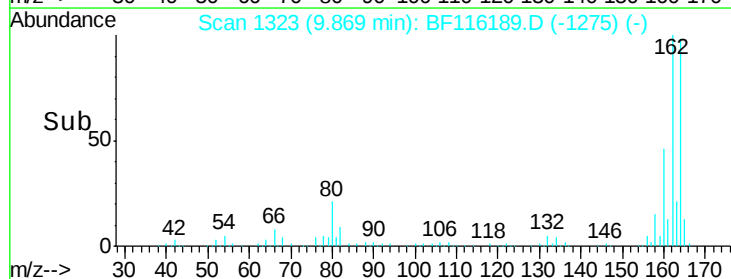
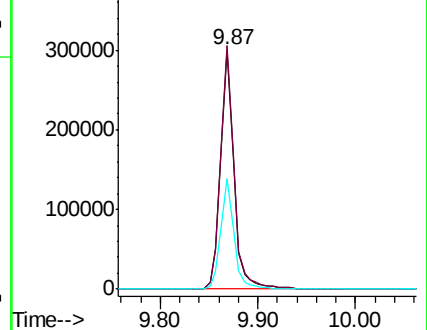
160 46.4 37.6 56.4

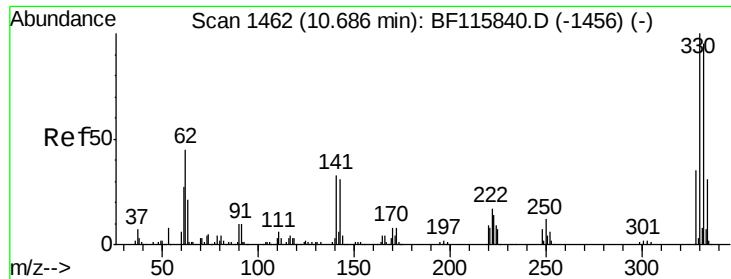


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

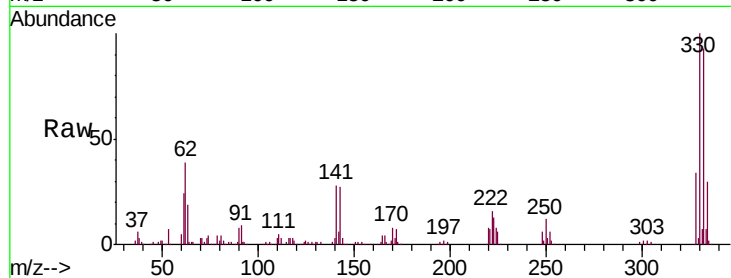




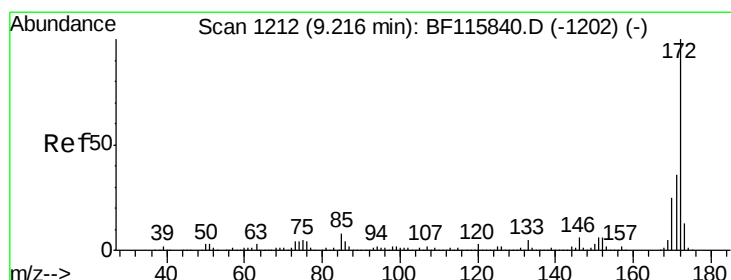
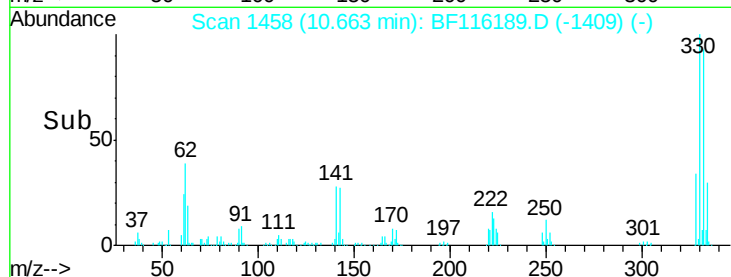
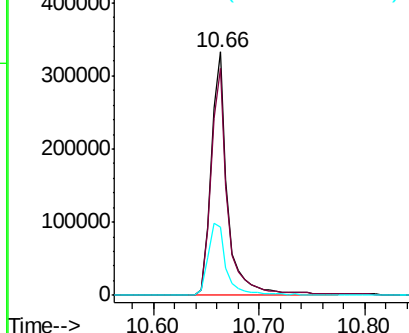
#42
 2,4,6-Tribromophenol
 Concen: 129.833 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF116189.D
 Acq: 12 Aug 2019 13:58

Instrument :
 BNA_F
 ClientSampleId :
 PB122127TB

Tgt Ion:330 Resp: 366669
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.8 115.2
 141 33.8 26.3 39.5

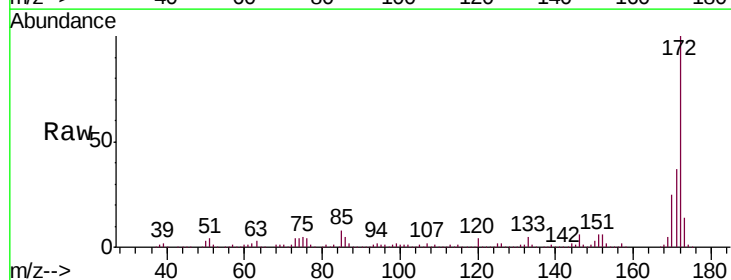


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

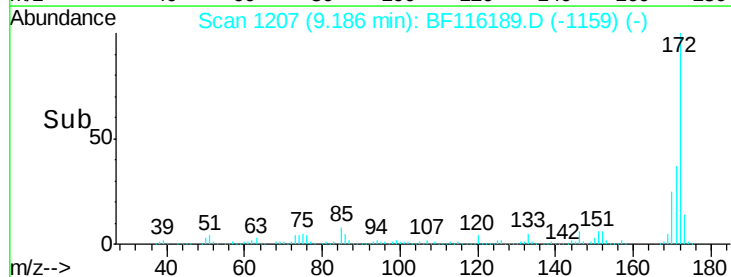
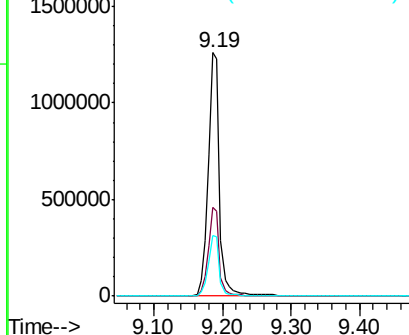


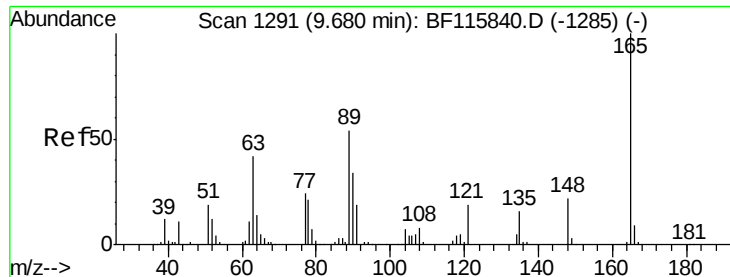
#45
 2-Fluorobiphenyl
 Concen: 95.347 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF116189.D
 Acq: 12 Aug 2019 13:58

Tgt Ion:172 Resp: 1482799
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.6 44.4
 170 24.8 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

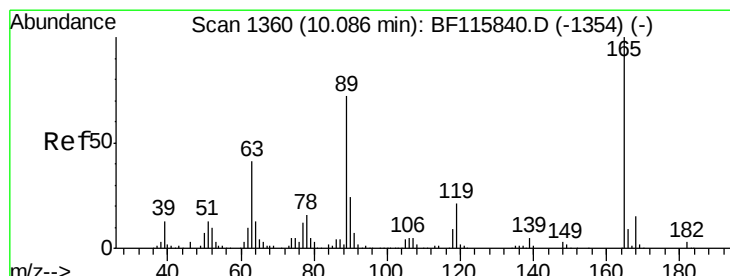
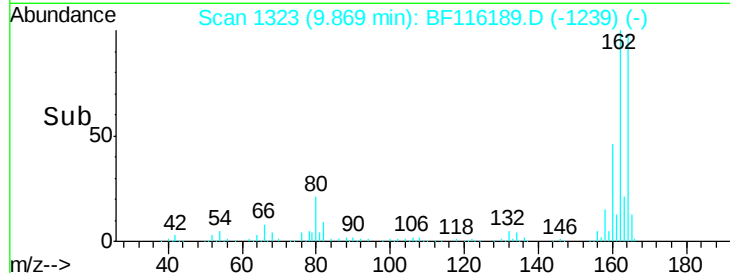
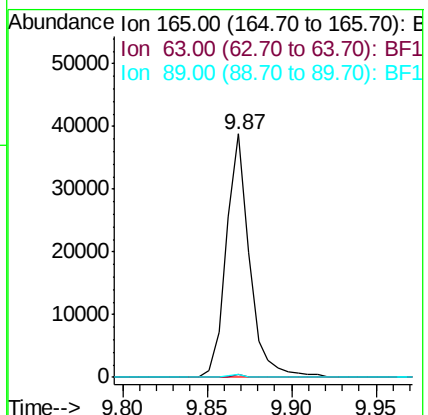
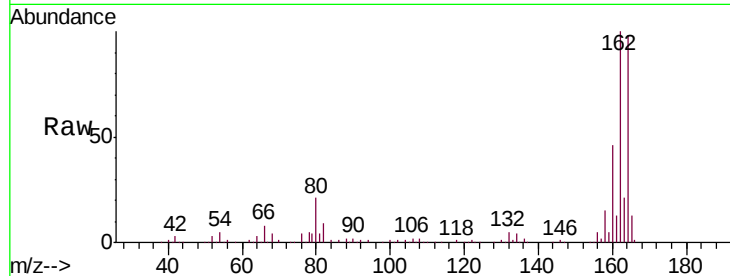




#51
 2,6-Dinitrotoluene
 Concen: 8.595 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.19 min
 Lab File: BF116189.D
 Acq: 12 Aug 2019 13:58

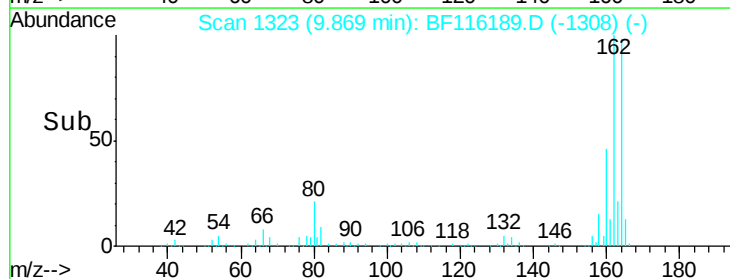
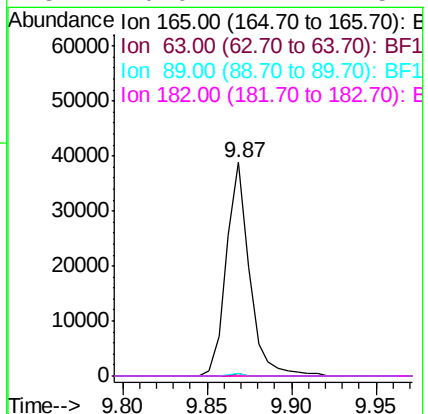
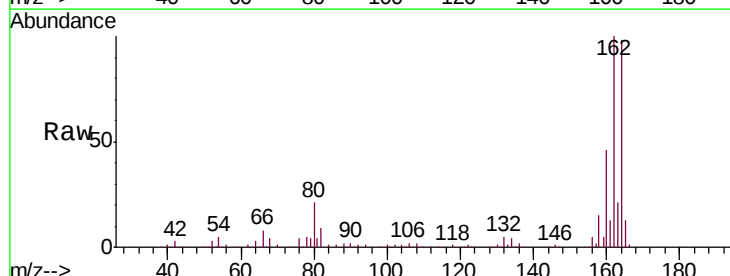
Instrument :
 BNA_F
 ClientSampleId :
 PB122127TB

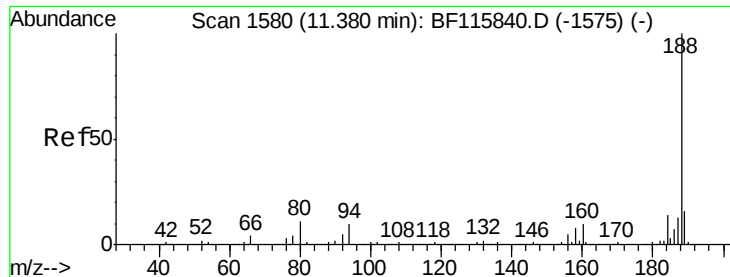
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	38.2	57.2#
89	1.3	42.9	64.3#



#57
 2,4-Dinitrotoluene
 Concen: 6.455 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.21 min
 Lab File: BF116189.D
 Acq: 12 Aug 2019 13:58

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	39.6	59.4#
89	1.3	62.2	93.2#
182	0.0	2.1	3.1#

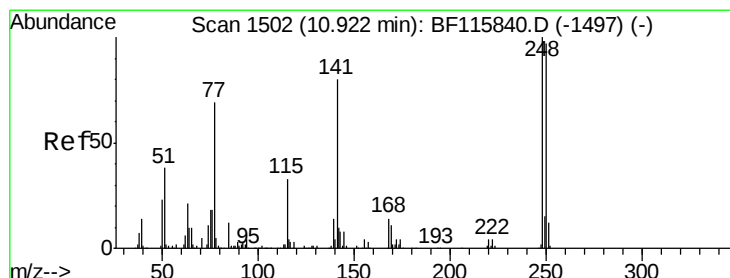
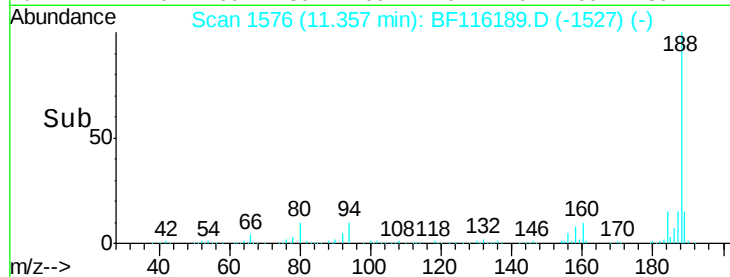
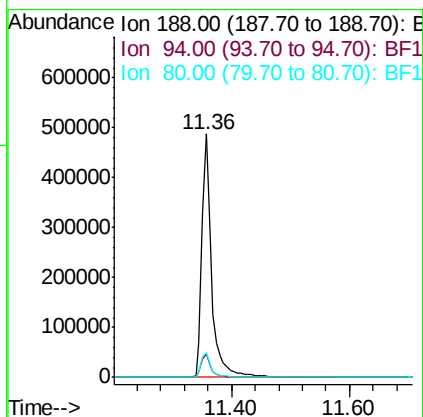
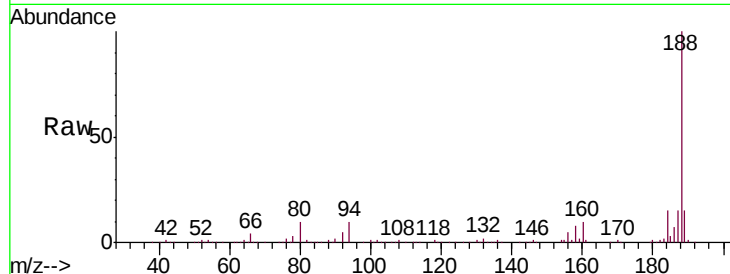




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF116189.D
 Acq: 12 Aug 2019 13:58

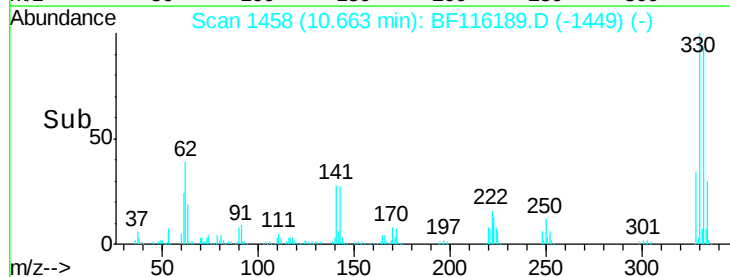
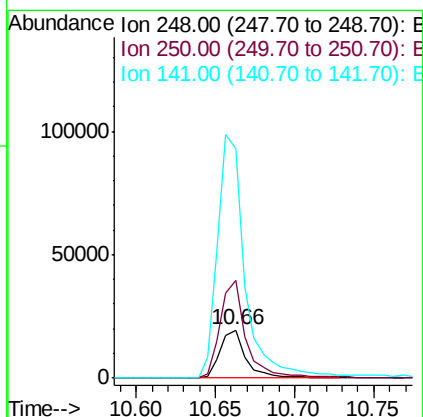
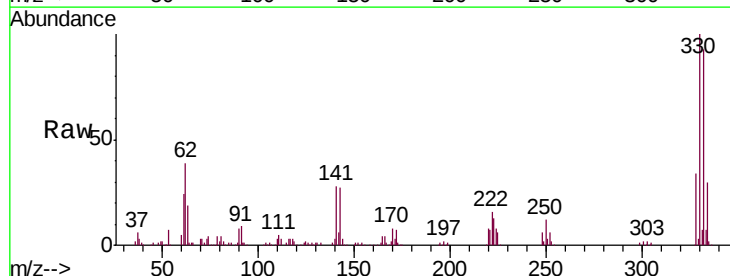
Instrument :
 BNA_F
 ClientSampleId :
 PB122127TB

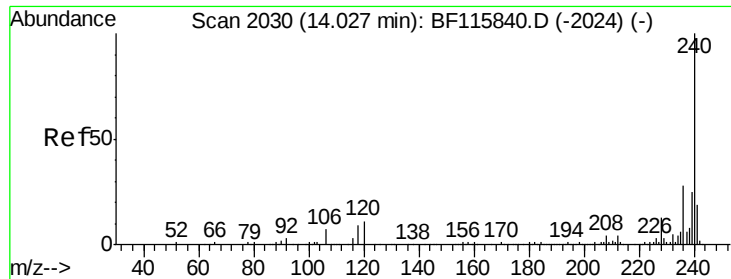
Tgt Ion:188 Resp: 546259
 Ion Ratio Lower Upper
 188 100
 94 9.8 8.1 12.1
 80 10.3 8.7 13.1



#67
 4-Bromophenyl-phenylether
 Concen: 3.791 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.25 min
 Lab File: BF116189.D
 Acq: 12 Aug 2019 13:58

Tgt Ion:248 Resp: 22171
 Ion Ratio Lower Upper
 248 100
 250 202.1 77.4 116.2#
 141 477.6 56.8 85.2#

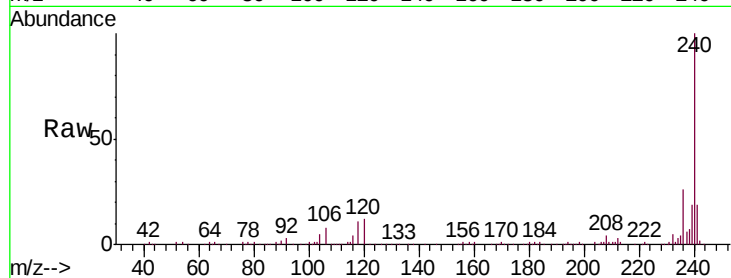




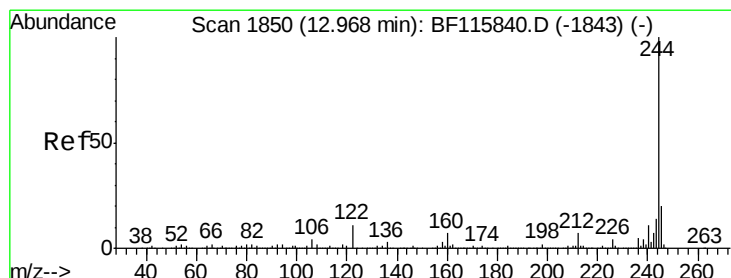
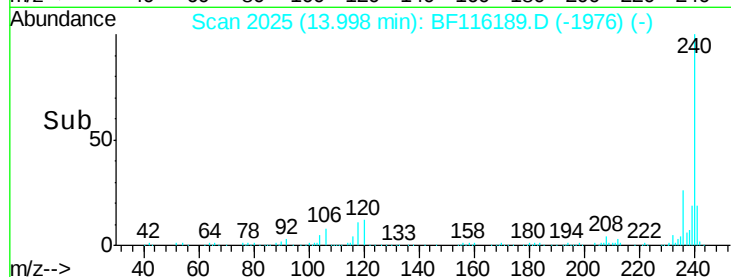
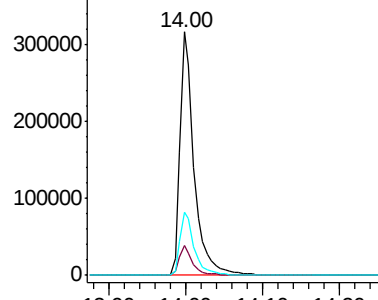
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF116189.D
 Acq: 12 Aug 2019 13:58

Instrument :
 BNA_F
 ClientSampleId :
 PB122127TB

Tgt Ion:240 Resp: 400360
 Ion Ratio Lower Upper
 240 100
 120 12.1 10.7 16.1
 236 26.1 22.2 33.2

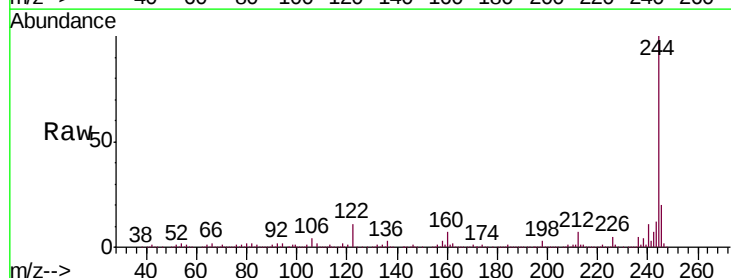


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

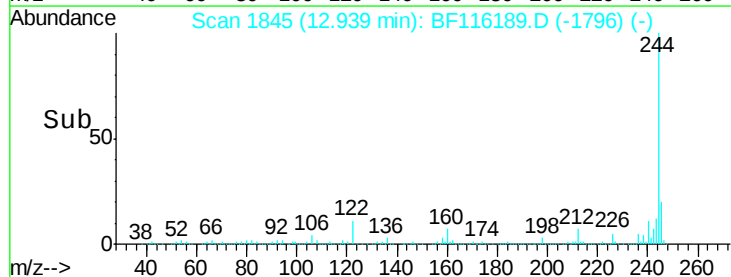
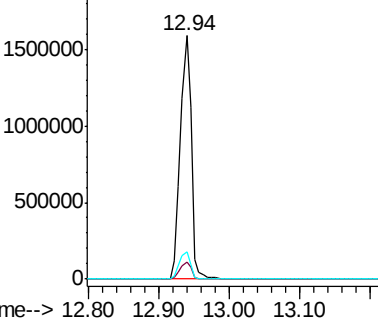


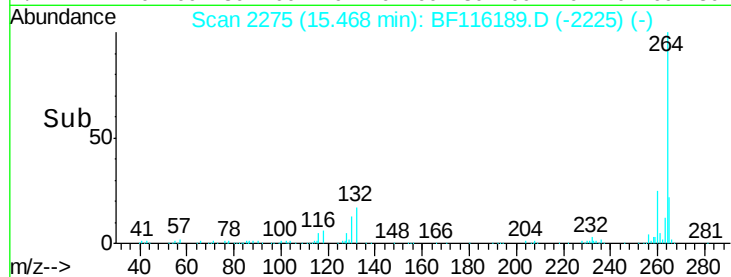
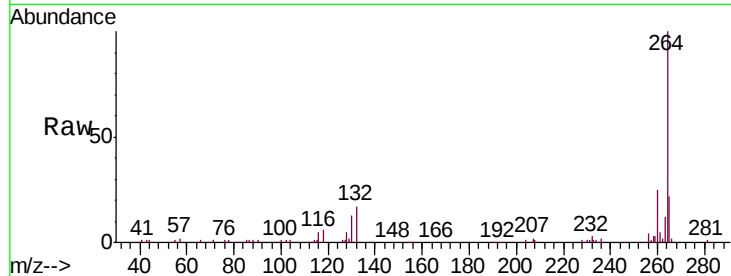
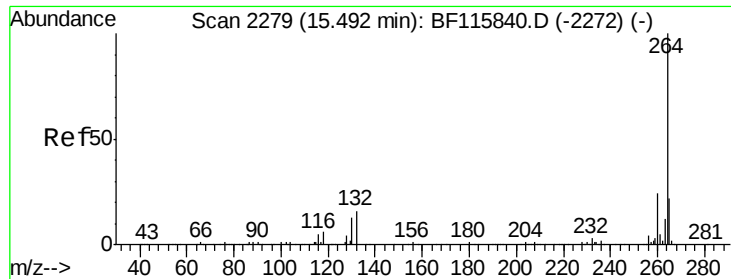
#79
 Terphenyl-d14
 Concen: 90.840 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF116189.D
 Acq: 12 Aug 2019 13:58

Tgt Ion:244 Resp: 1725961
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 11.3 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: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BF116189.D

Acq: 12 Aug 2019 13:58

Instrument :

BNA_F

ClientSampleId :

PB122127TB

Tgt Ion: 264 Resp: 365013

Ion Ratio Lower Upper

264 100

260 25.2 19.7 29.5

265 22.0 17.4 26.0

