

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011419\
 Data File : BF112056.D
 Acq On : 14 Jan 2019 17:46
 Operator : JU/SJ
 Sample : K1135-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CPSB-19(15-20)

Quant Time: Jan 14 21:05:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 11 21:37:26 2019
 Response via : Initial Calibration

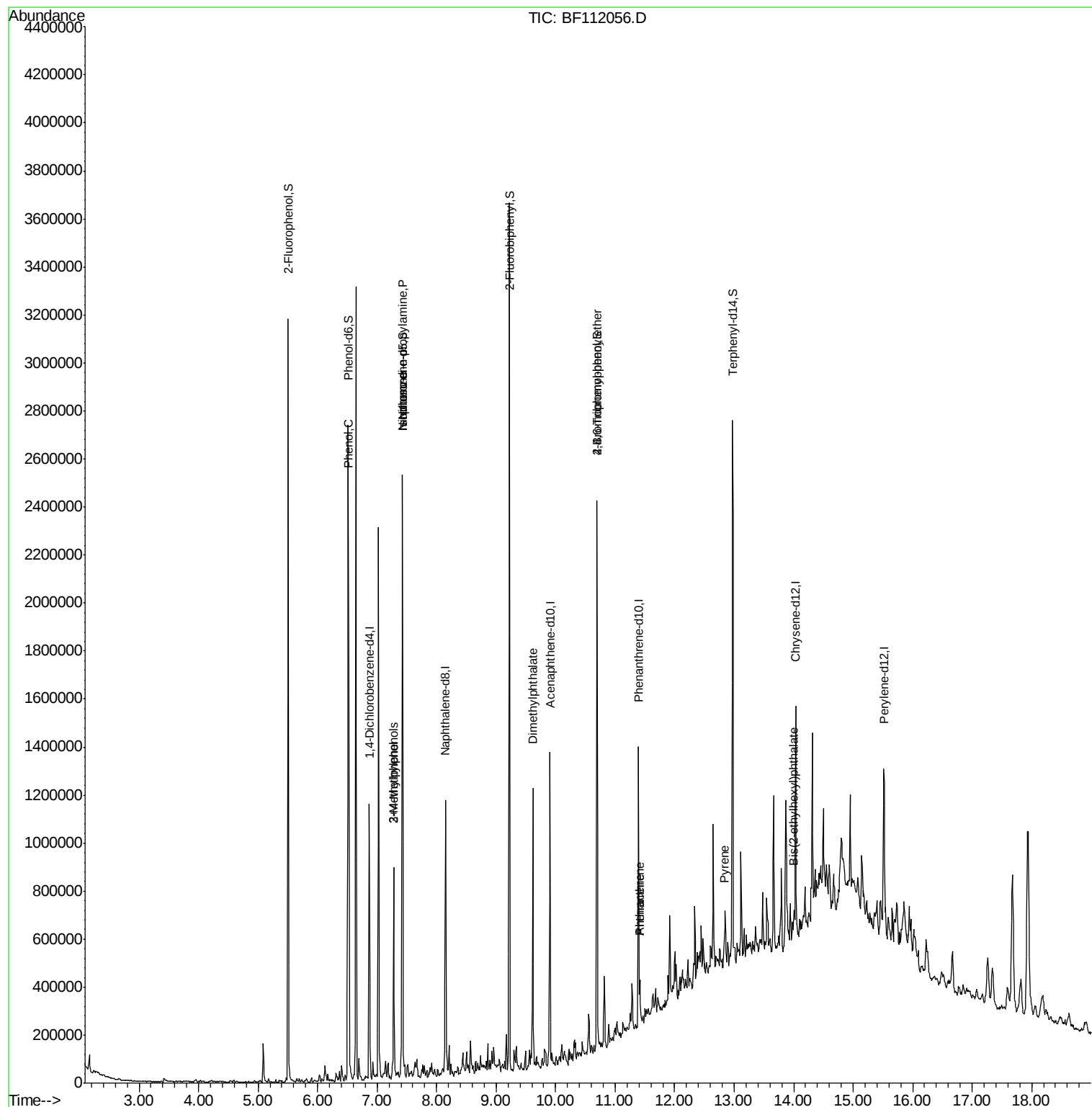
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	163334	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	513605	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	248212	20.00	ng	-0.01
64) Phenanthrene-d10	11.39	188	405158	20.00	ng	0.00
76) Chrysene-d12	14.03	240	308381	20.00	ng	-0.01
87) Perylene-d12	15.52	264	344698	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	825255	86.44	ng	0.00
7) Phenol-d6	6.52	99	985406	80.08	ng	0.00
23) Nitrobenzene-d5	7.43	82	767116	79.83	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	276143	85.53	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1144125	67.22	ng	-0.01
79) Terphenyl-d14	12.97	244	790759	48.67	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.42	77	1079	Below Cal		Qvalue # 55
10) Phenol	6.53	94	385632	28.834	ng	78
17) 2-Methylphenol	7.28	107	222037	26.060	ng	# 68
19) n-Nitroso-di-n-propylamine	7.43	70	107109	13.397	ng	# 76
20) 3+4-Methylphenols	7.28	107	222037	20.939	ng	# 60
25) Isophorone	7.43	82	761577	48.940	ng	# 65
50) Dimethylphthalate	9.62	163	406669	21.810	ng	99
67) 4-Bromophenyl-phenylether	10.70	248	16899	3.220	ng	# 1
71) Phenanthrene	11.42	178	59379	2.741	ng	97
72) Anthracene	11.42	178	59379	2.700	ng	96
78) Pyrene	12.83	202	47932	2.259	ng	# 91
84) Bis(2-ethylhexyl)phthalate	14.00	149	39247	3.331	ng	97

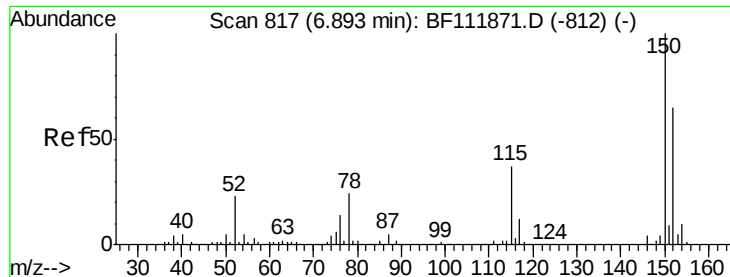
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011419\
Data File : BF112056.D
Acq On : 14 Jan 2019 17:46
Operator : JU/SJ
Sample : K1135-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CPSB-19(15-20)

Quant Time: Jan 14 21:05:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 11 21:37:26 2019
Response via : Initial Calibration



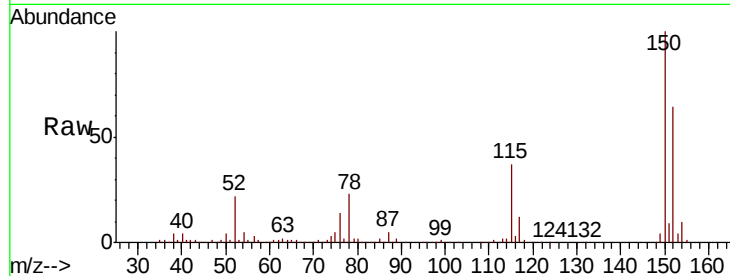


#1

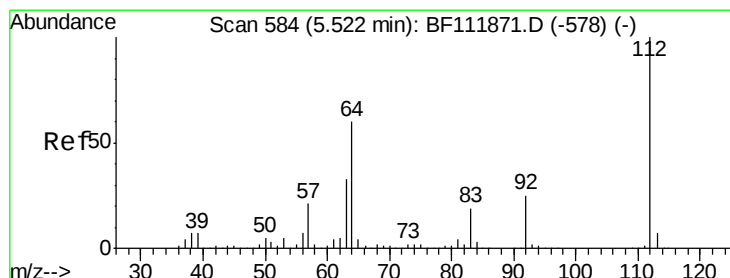
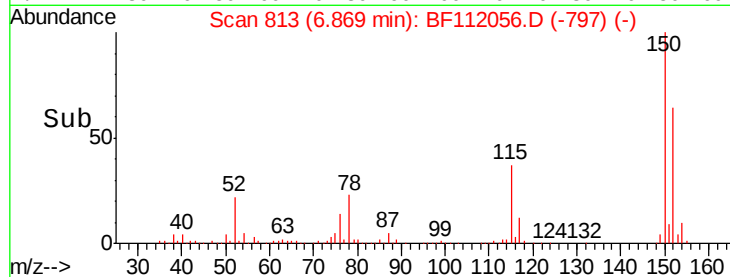
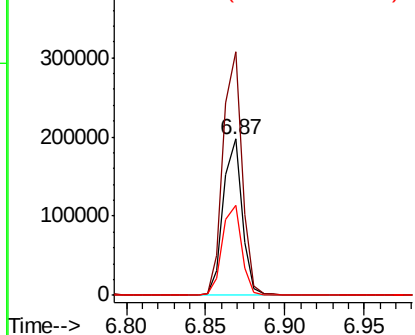
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF112056.D
Acq: 14 Jan 2019 17:46

Instrument :
BNA_F
ClientSampleId :
CPSB-19(15-20)

Tgt Ion:152 Resp: 163334
Ion Ratio Lower Upper
152 100
150 155.9 122.7 184.1
115 57.3 45.2 67.8



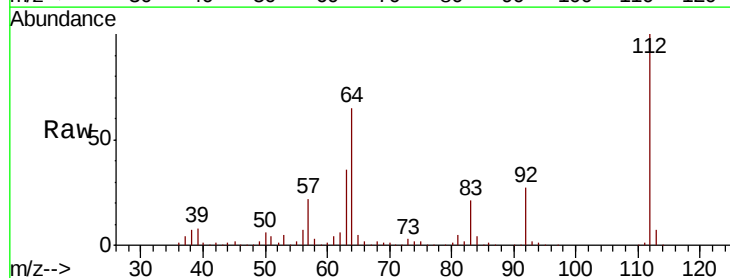
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



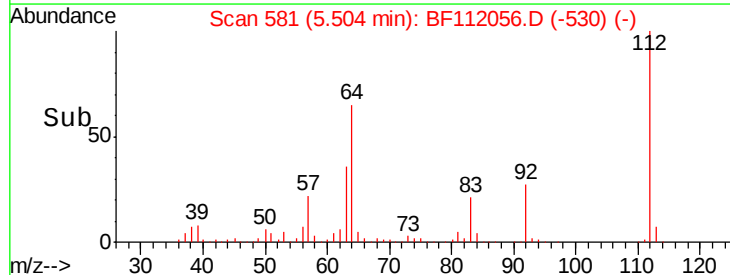
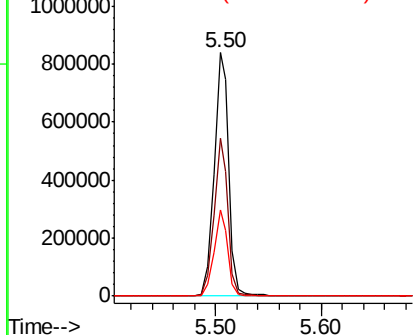
#5

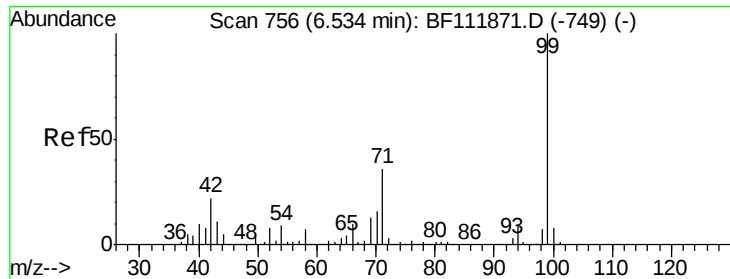
2-Fluorophenol
Concen: 86.440 ng
RT: 5.50 min Scan# 581
Delta R.T. -0.00 min
Lab File: BF112056.D
Acq: 14 Jan 2019 17:46

Tgt Ion:112 Resp: 825255
Ion Ratio Lower Upper
112 100
64 65.1 48.3 72.5
63 35.5 26.1 39.1



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: 80.081 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF112056.D

Acq: 14 Jan 2019 17:46

Instrument :

BNA_F

ClientSampleId :

CPSB-19(15-20)

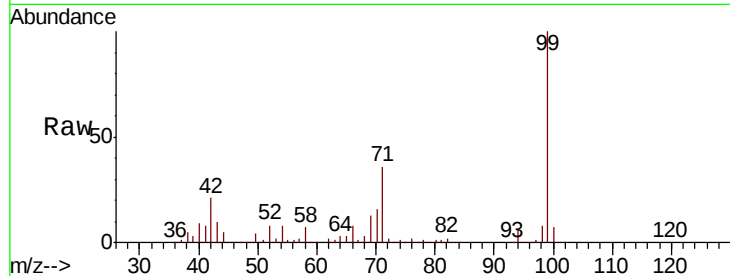
Tgt Ion: 99 Resp: 985406

Ion Ratio Lower Upper

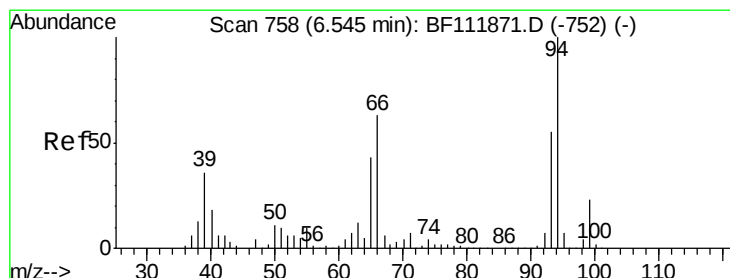
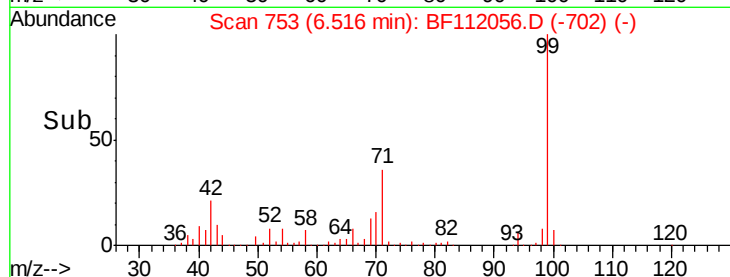
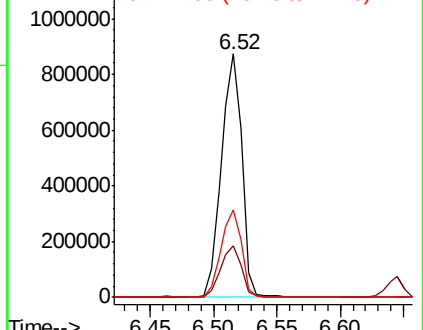
99 100

42 21.5 17.9 26.9

71 36.1 28.7 43.1



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



#10

Phenol

Concen: 28.834 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF112056.D

Acq: 14 Jan 2019 17:46

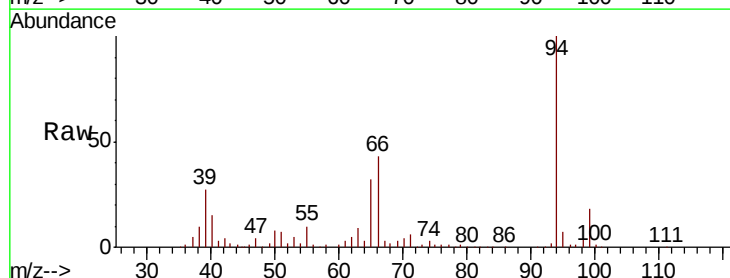
Tgt Ion: 94 Resp: 385632

Ion Ratio Lower Upper

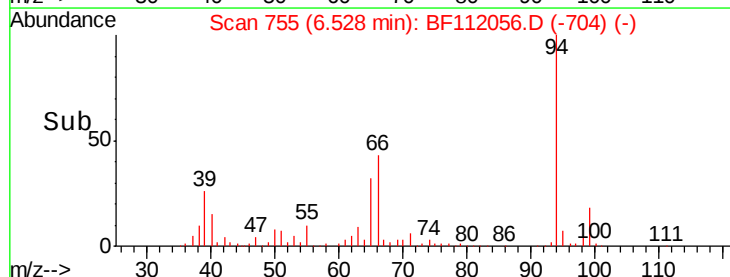
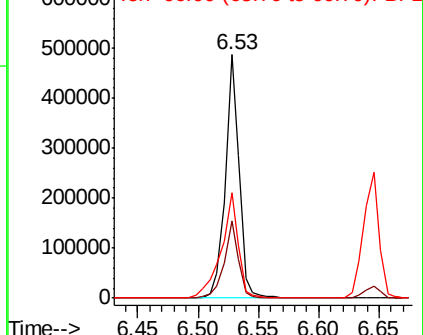
94 100

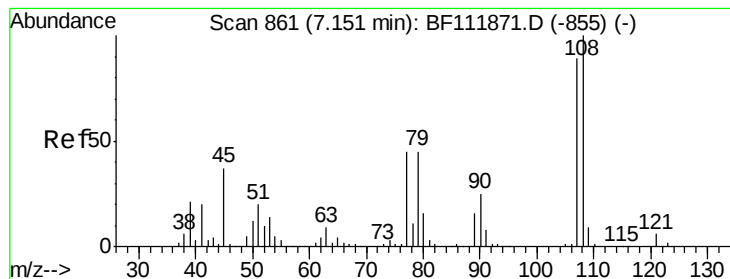
65 32.0 22.8 62.8

66 43.3 43.3 83.3



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#17

2-Methylphenol

Concen: 26.060 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.15 min

Lab File: BF112056.D

Acq: 14 Jan 2019 17:46

Instrument :

BNA_F

ClientSampleId :

CPSB-19(15-20)

Tgt Ion:107 Resp: 222037

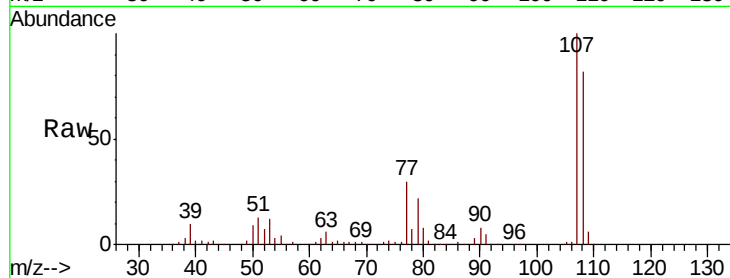
Ion Ratio Lower Upper

107 100

108 82.2 89.7 134.5#

77 30.0 40.6 60.8#

79 21.6 40.2 60.2#



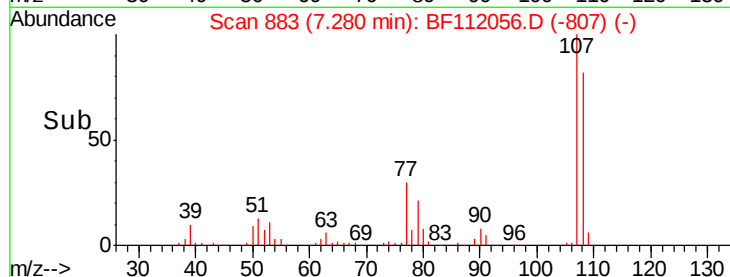
Abundance

Ion 107.00 (106.70 to 107.70): E

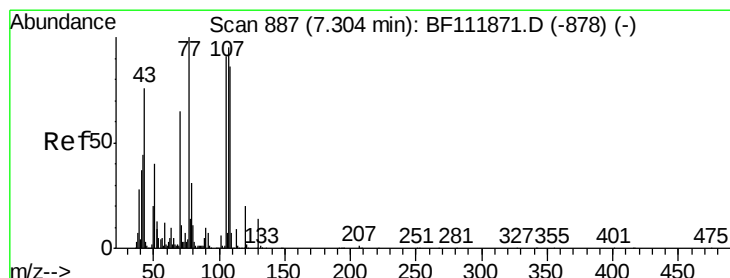
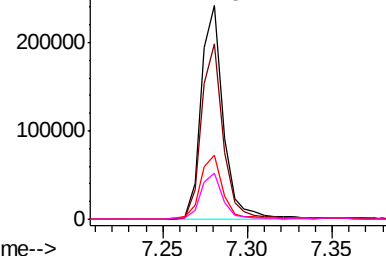
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 13.397 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.14 min

Lab File: BF112056.D

Acq: 14 Jan 2019 17:46

Tgt Ion: 70 Resp: 107109

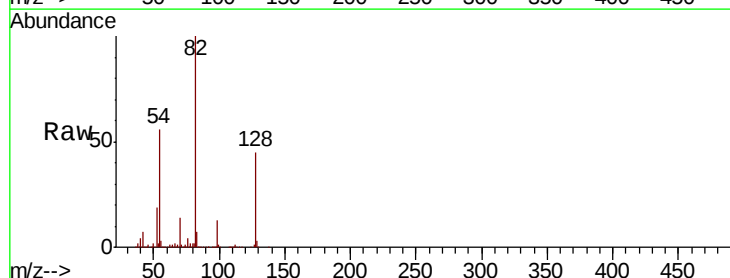
Ion Ratio Lower Upper

70 100

42 52.3 53.6 80.4#

101 0.0 7.3 10.9#

130 2.3 16.8 25.2#



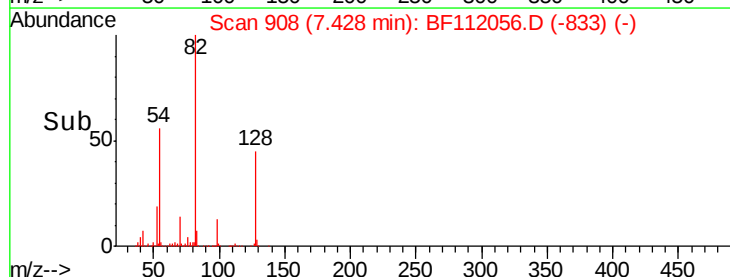
Abundance

Ion 70.00 (69.70 to 70.70): BF1

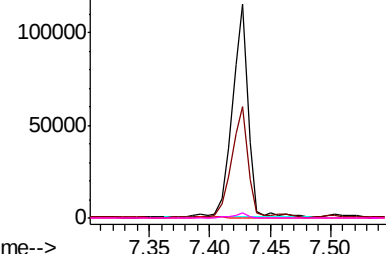
Ion 42.00 (41.70 to 42.70): BF1

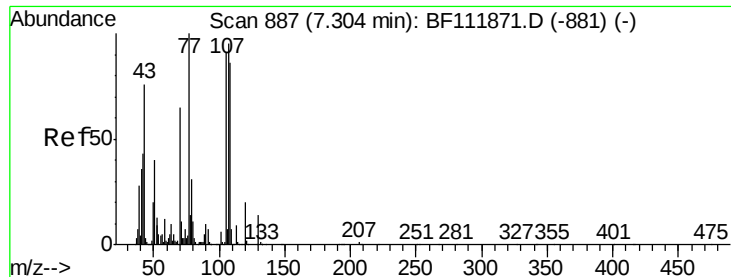
Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



Time-->





#20

3+4-Methylphenols

Concen: 20.939 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF112056.D

Acq: 14 Jan 2019 17:46

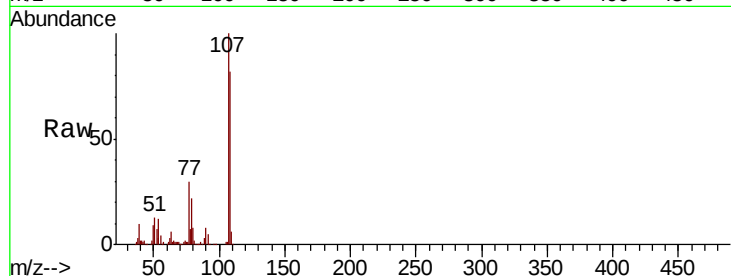
Instrument :

BNA_F

ClientSampleId :

CPSB-19(15-20)

Tgt Ion:	107	Resp:	222037
Ion	Ratio	Lower	Upper
107	100		
108	82.2	71.1	111.1
77	30.0	85.4	125.4#
79	21.6	12.4	52.4

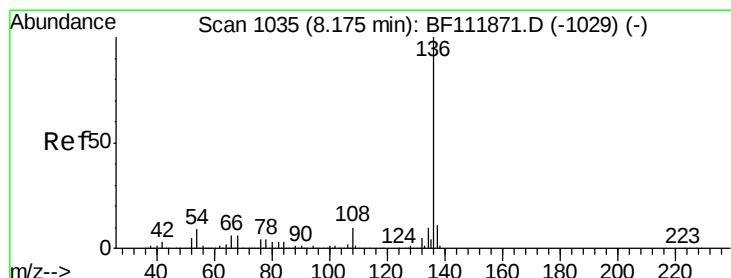
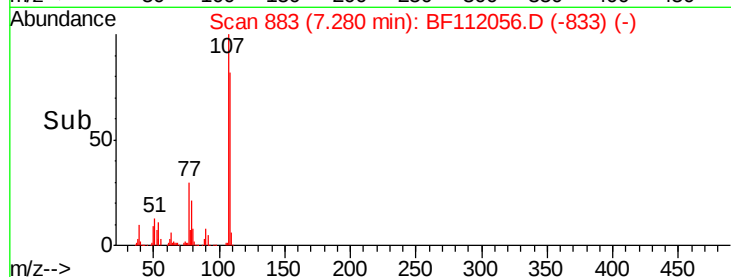
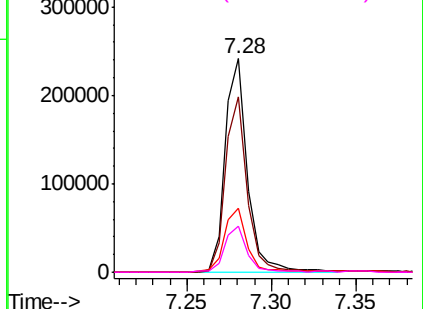


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

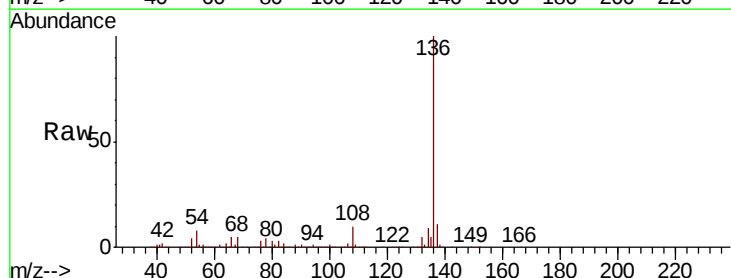
RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF112056.D

Acq: 14 Jan 2019 17:46

Tgt Ion:	136	Resp:	513605
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	7.7	7.2	10.8
68	4.6	4.4	6.6

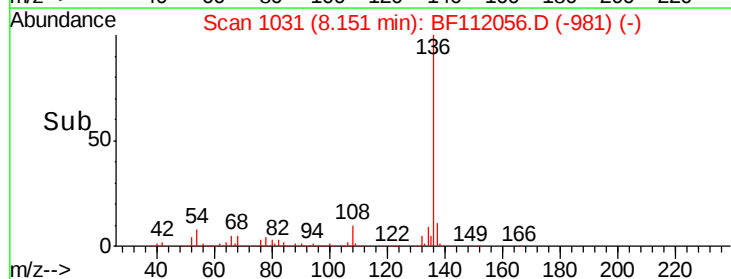
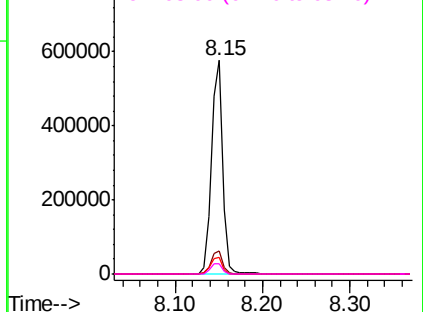


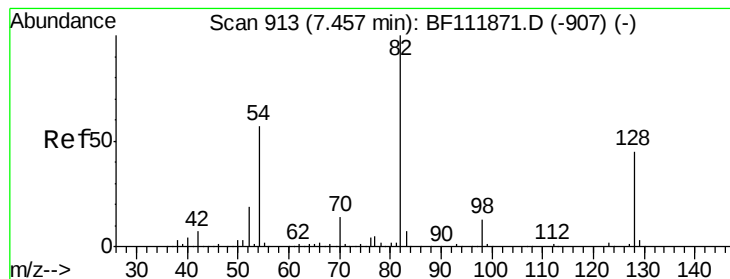
Abundance Ion 136.00 (135.70 to 136.70): E

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: 79.825 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF112056.D

Acq: 14 Jan 2019 17:46

Instrument :

BNA_F

ClientSampleId :

CPSB-19(15-20)

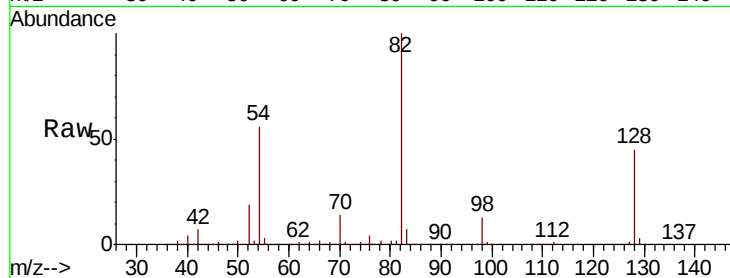
Tgt Ion: 82 Resp: 767116

Ion Ratio Lower Upper

82 100

128 45.0 35.7 53.5

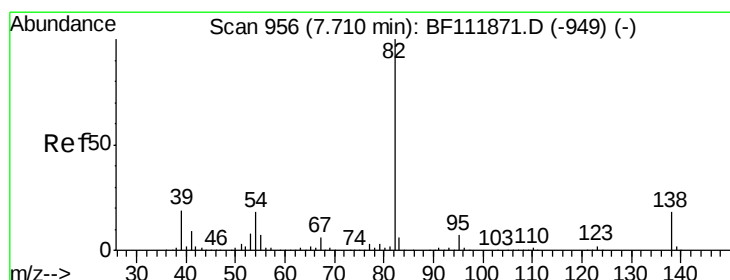
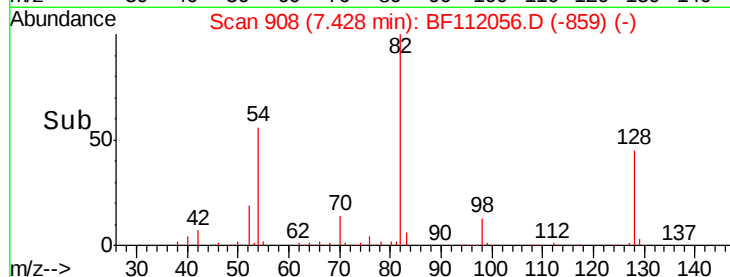
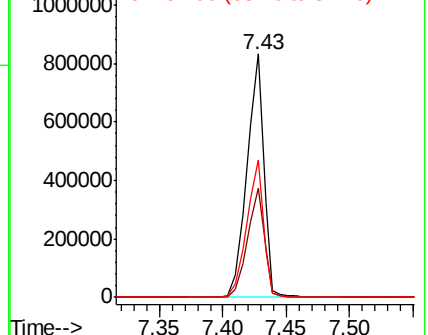
54 56.3 45.8 68.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 48.940 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.26 min

Lab File: BF112056.D

Acq: 14 Jan 2019 17:46

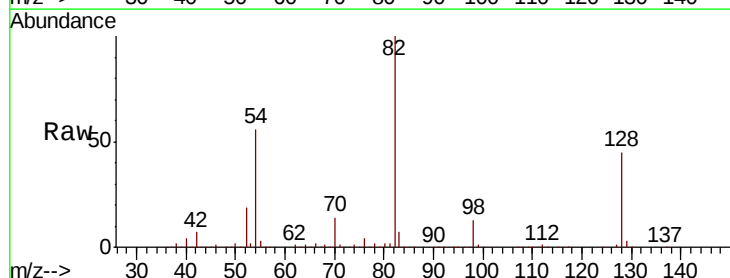
Tgt Ion: 82 Resp: 761577

Ion Ratio Lower Upper

82 100

95 0.2 5.8 8.6#

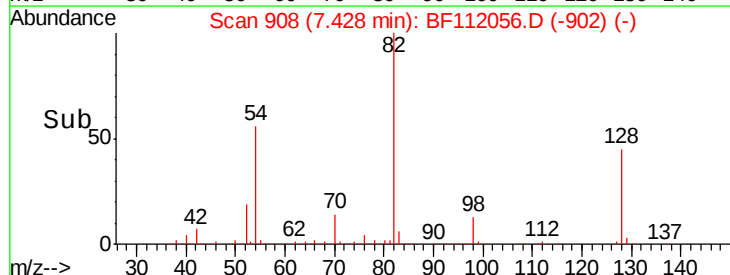
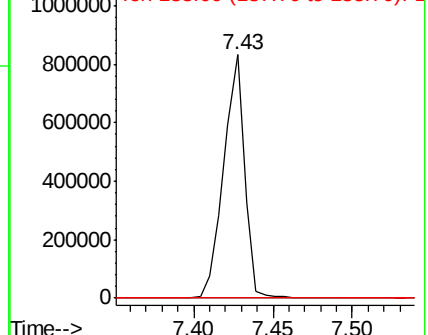
138 0.0 14.4 21.6#

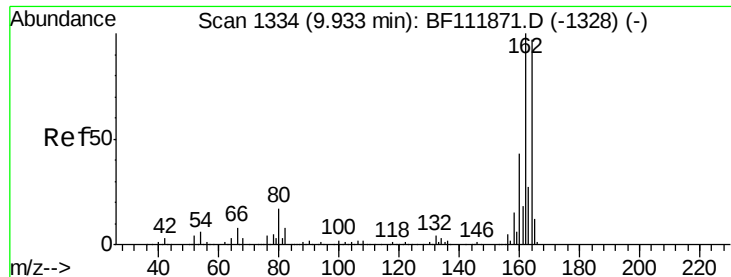


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

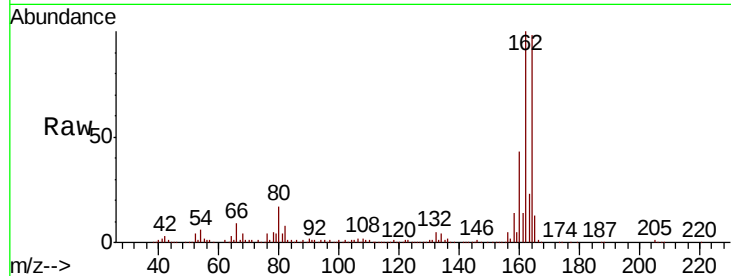




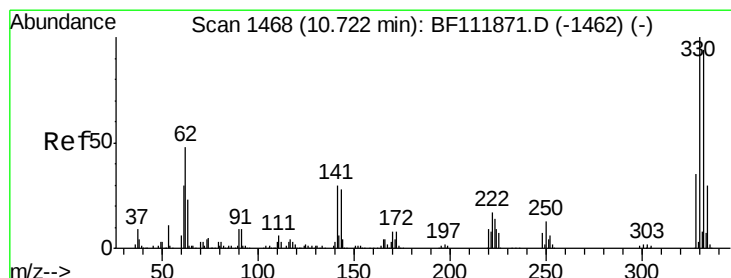
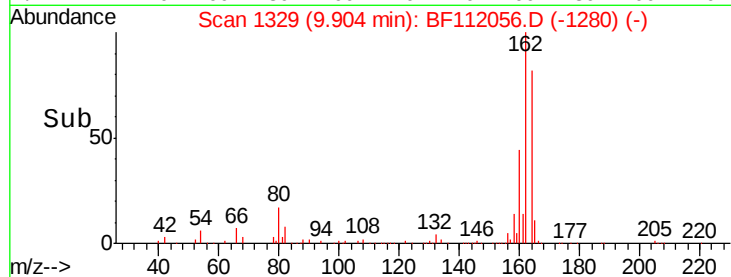
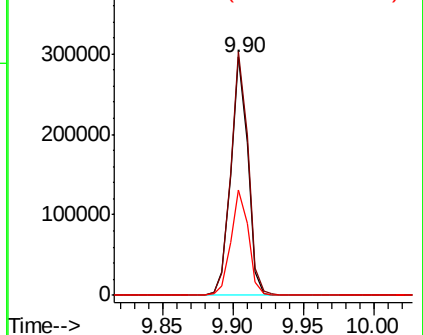
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF112056.D
 Acq: 14 Jan 2019 17:46

Instrument :
 BNA_F
 ClientSampleId :
 CPSB-19(15-20)

Tgt Ion:164 Resp: 248212
 Ion Ratio Lower Upper
 164 100
 162 102.2 82.2 123.2
 160 44.2 35.5 53.3

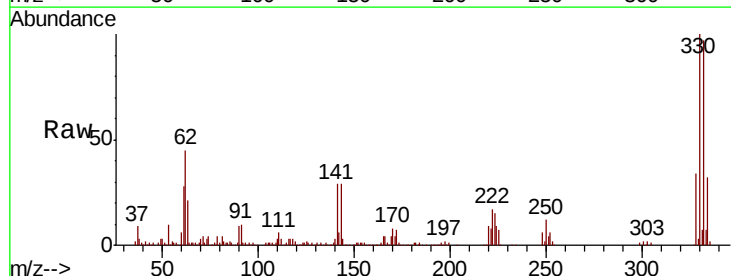


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

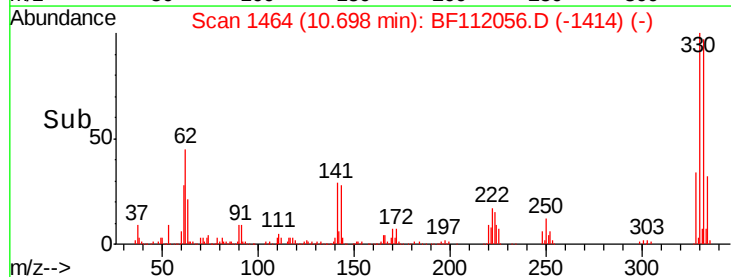
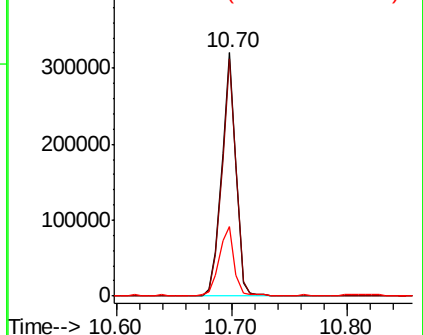


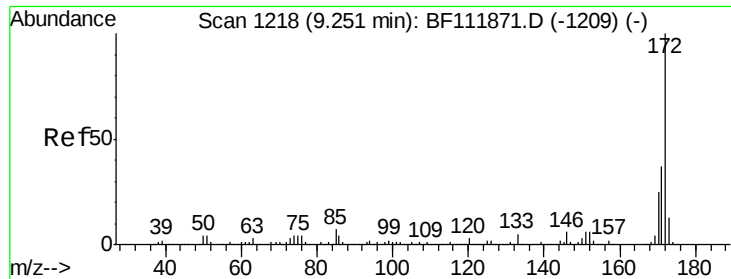
#42
 2,4,6-Tribromophenol
 Concen: 85.533 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF112056.D
 Acq: 14 Jan 2019 17:46

Tgt Ion:330 Resp: 276143
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.9 115.3
 141 29.4 23.7 35.5



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

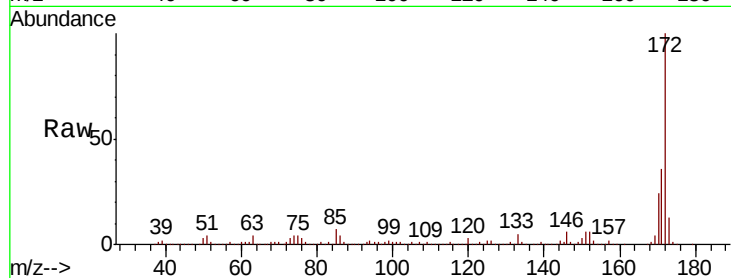




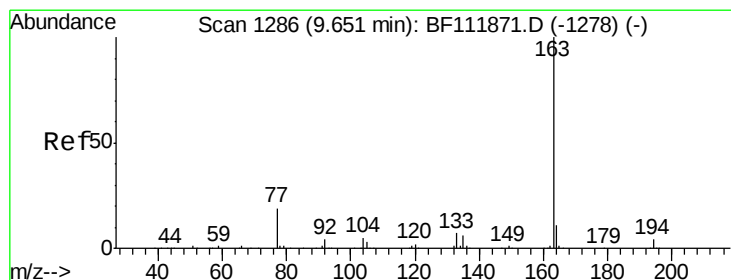
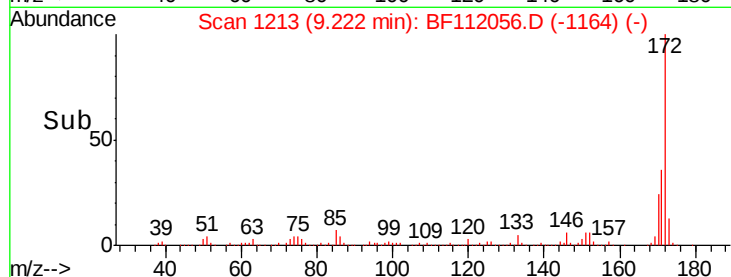
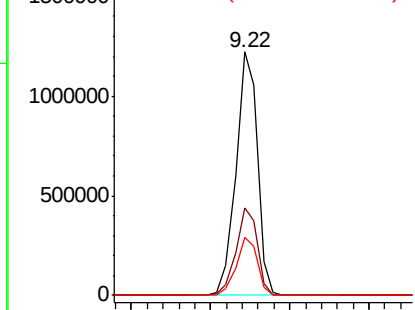
#45
2-Fluorobiphenyl
Concen: 67.215 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF112056.D
Acq: 14 Jan 2019 17:46

Instrument :
BNA_F
ClientSampleId :
CPSB-19(15-20)

Tgt Ion:172 Resp: 1144125
Ion Ratio Lower Upper
172 100
171 35.7 29.6 44.4
170 23.9 19.8 29.8

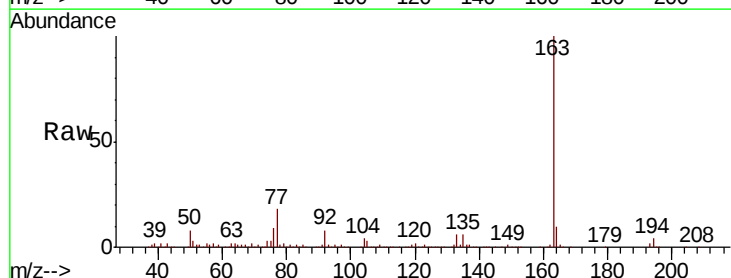


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

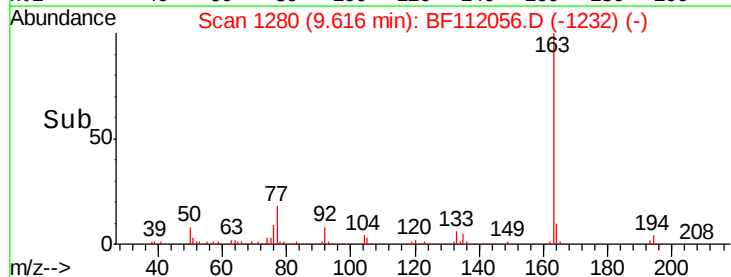
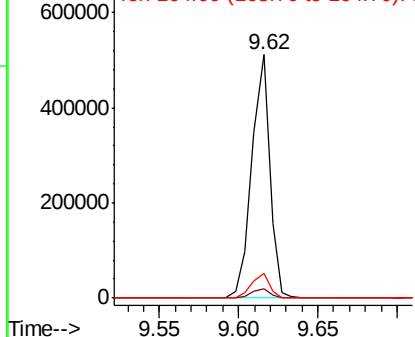


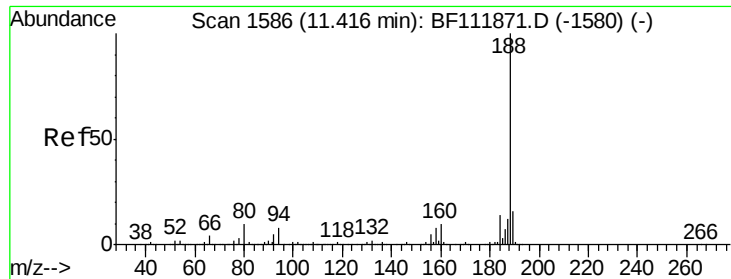
#50
Dimethylphthalate
Concen: 21.810 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF112056.D
Acq: 14 Jan 2019 17:46

Tgt Ion:163 Resp: 406669
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.2
164 10.0 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BF112056.D

Acq: 14 Jan 2019 17:46

Instrument :

BNA_F

ClientSampleId :

CPSB-19(15-20)

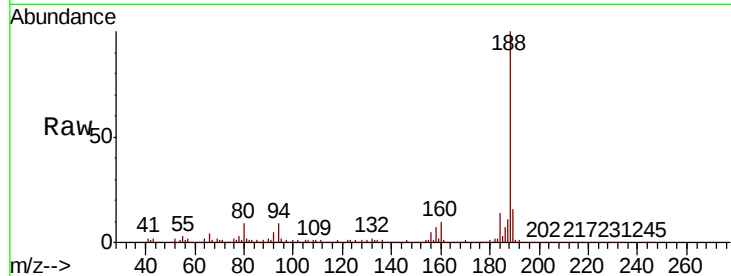
Tgt Ion:188 Resp: 405158

Ion Ratio Lower Upper

188 100

94 8.6 6.6 10.0

80 8.6 7.7 11.5



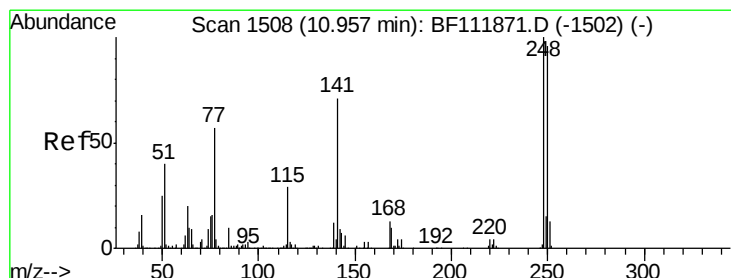
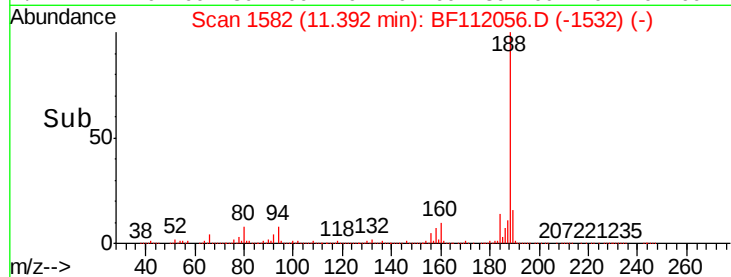
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

11.39

Time-->



#67

4-Bromophenyl-phenylether

Concen: 3.220 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.24 min

Lab File: BF112056.D

Acq: 14 Jan 2019 17:46

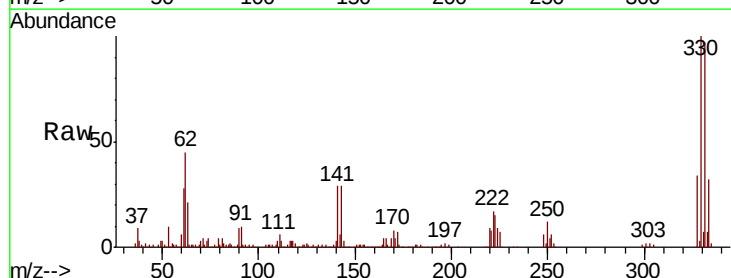
Tgt Ion:248 Resp: 16899

Ion Ratio Lower Upper

248 100

250 196.9 76.8 115.2#

141 454.5 57.0 85.6#



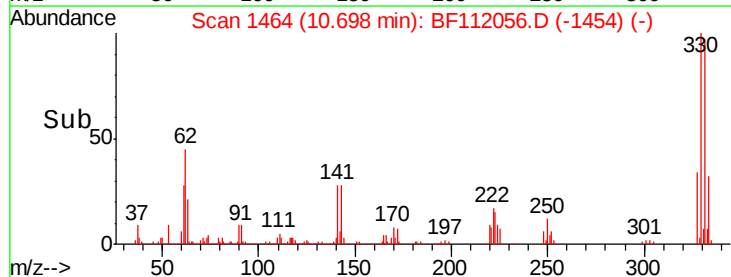
Abundance Ion 248.00 (247.70 to 248.70): E

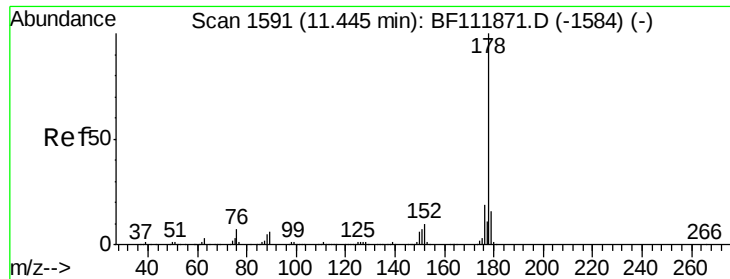
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

10.70

Time-->

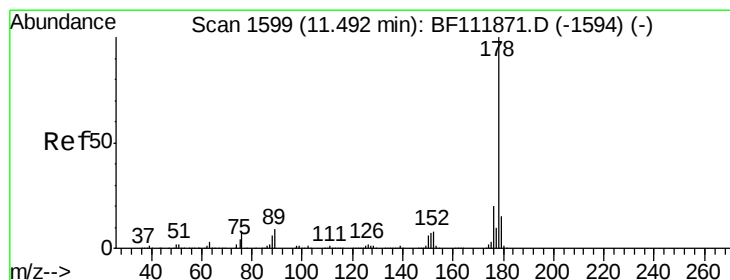
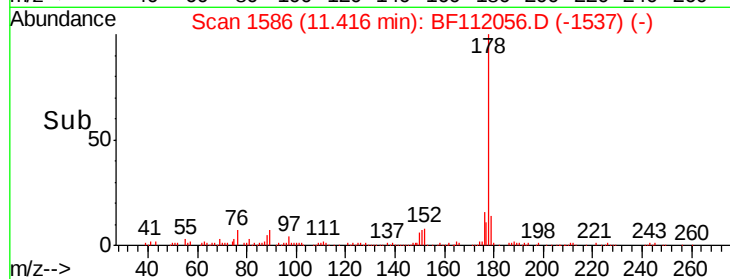
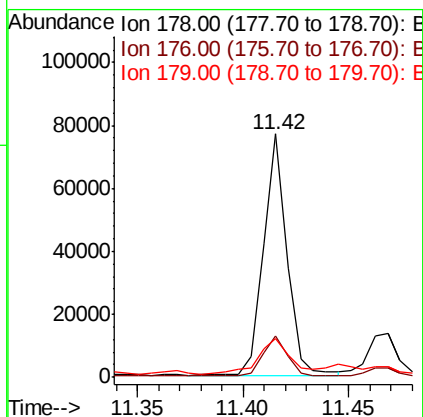
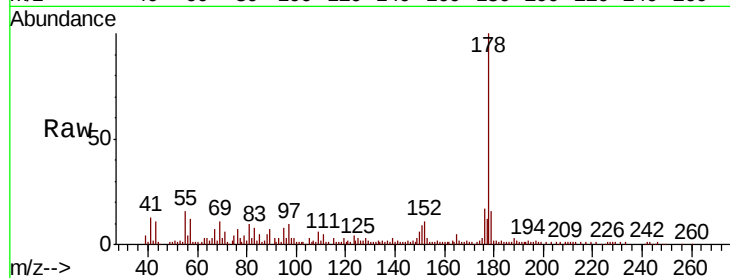




#71
Phenanthrene
Concen: 2.741 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF112056.D
Acq: 14 Jan 2019 17:46

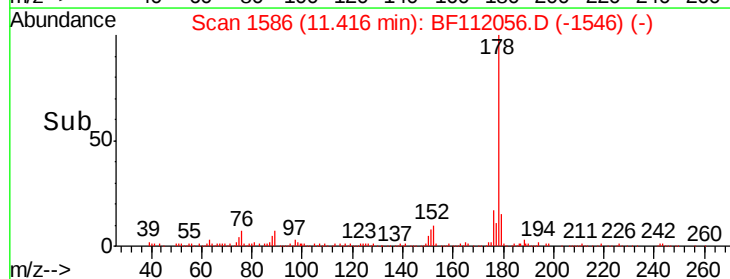
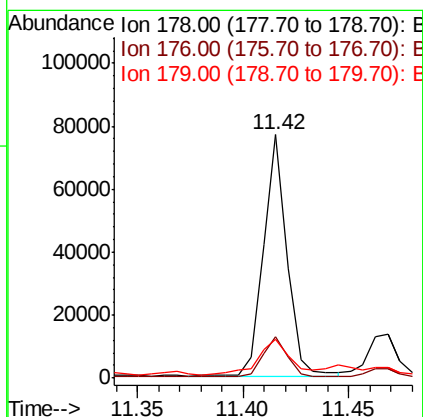
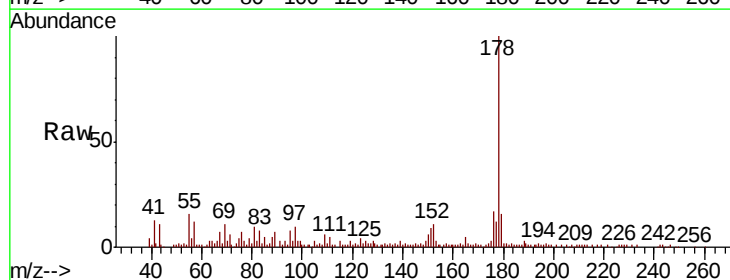
Instrument :
BNA_F
ClientSampleId :
CPSB-19(15-20)

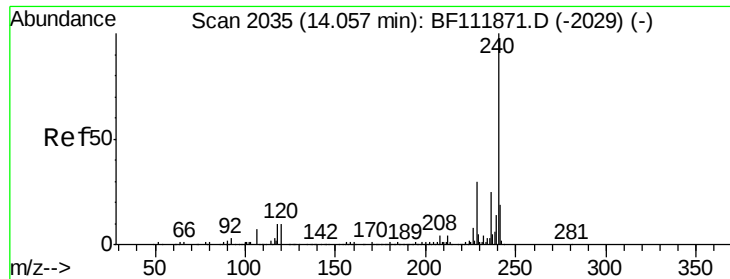
Tgt Ion:178 Resp: 59379
Ion Ratio Lower Upper
178 100
176 16.8 15.6 23.4
179 15.8 12.6 18.8



#72
Anthracene
Concen: 2.700 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.06 min
Lab File: BF112056.D
Acq: 14 Jan 2019 17:46

Tgt Ion:178 Resp: 59379
Ion Ratio Lower Upper
178 100
176 16.8 15.7 23.5
179 15.8 12.4 18.6

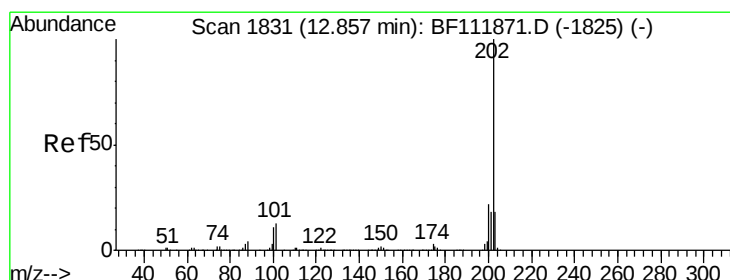
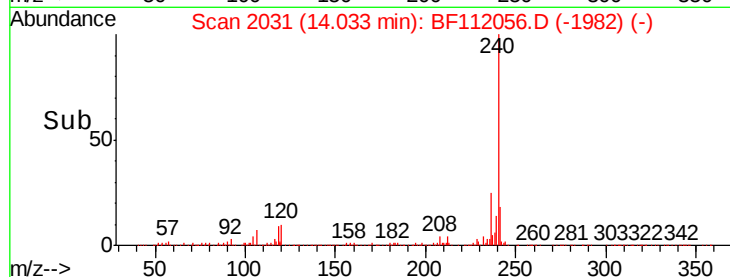
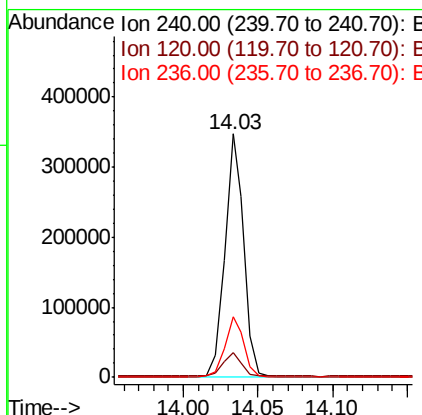
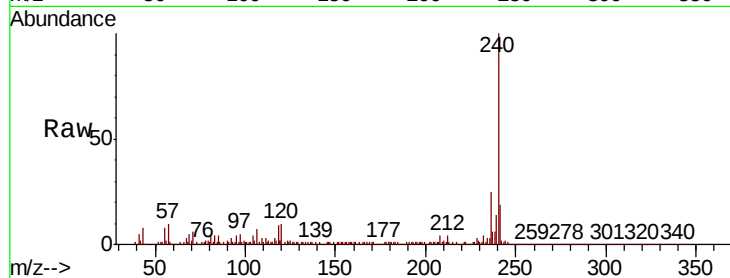




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF112056.D
Acq: 14 Jan 2019 17:46

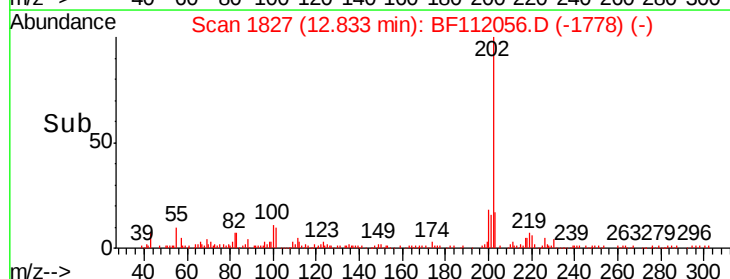
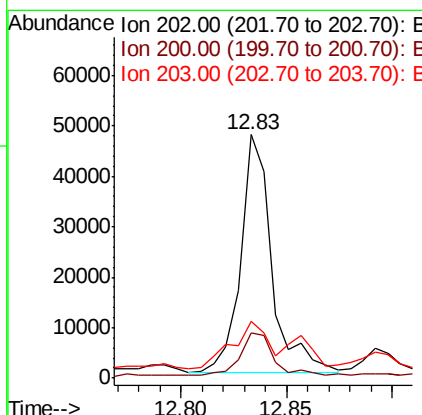
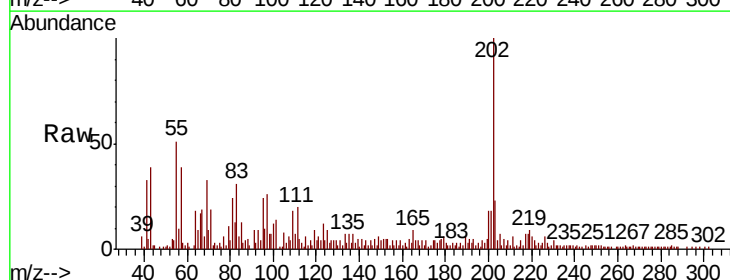
Instrument :
BNA_F
ClientSampleId :
CPSB-19(15-20)

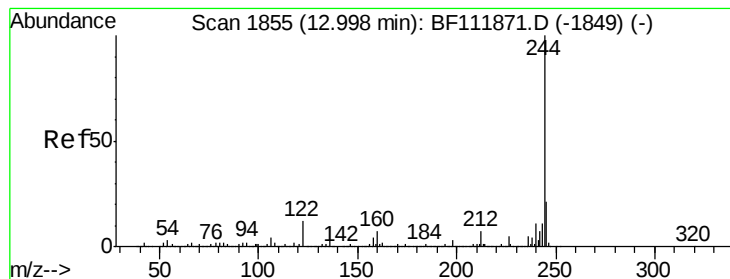
Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.2	12.2
236	24.8	20.2	30.4



#78
Pyrene
Concen: 2.259 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BF112056.D
Acq: 14 Jan 2019 17:46

Tgt Ion	Ratio	Lower	Upper
202	100		
200	18.3	17.4	26.2
203	23.2	14.6	21.8#





#79

Terphenyl-d14

Concen: 48.675 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BF112056.D

Acq: 14 Jan 2019 17:46

Instrument :

BNA_F

ClientSampleId :

CPSB-19(15-20)

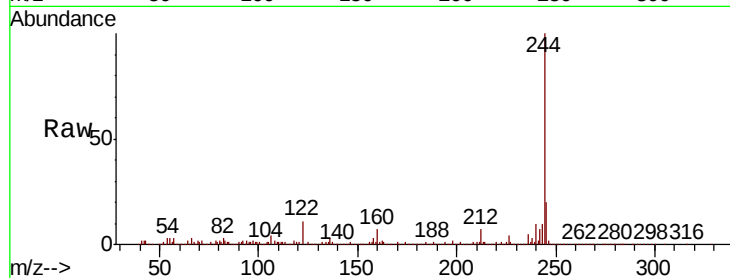
Tgt Ion:244 Resp: 790759

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

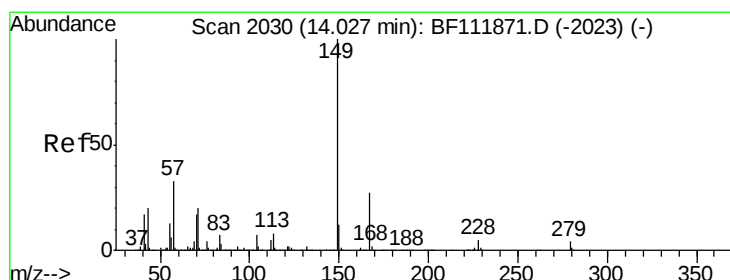
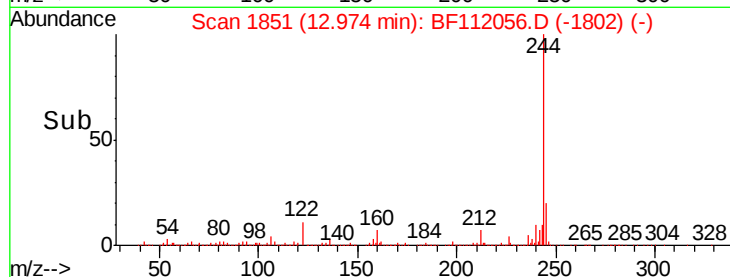
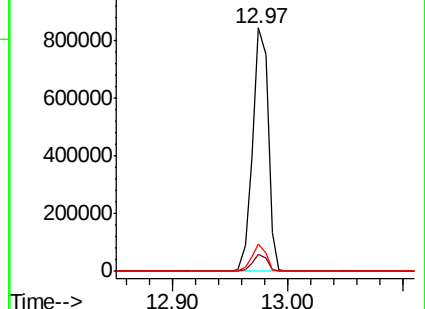
122 11.0 9.5 14.3



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.331 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF112056.D

Acq: 14 Jan 2019 17:46

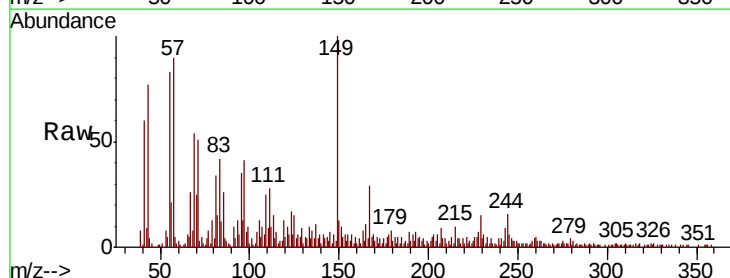
Tgt Ion:149 Resp: 39247

Ion Ratio Lower Upper

149 100

167 28.7 21.5 32.3

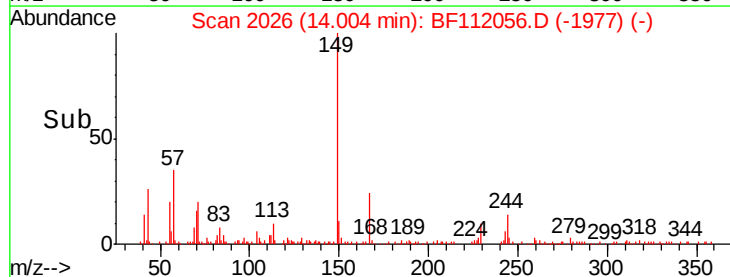
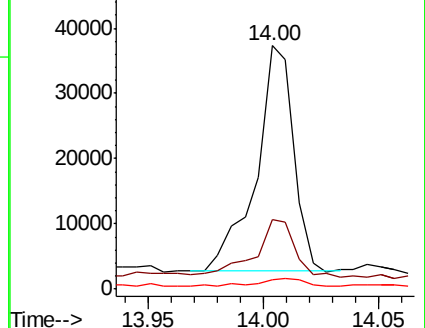
279 4.0 3.0 4.6

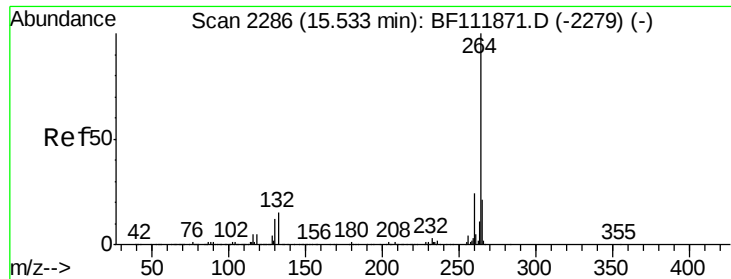


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

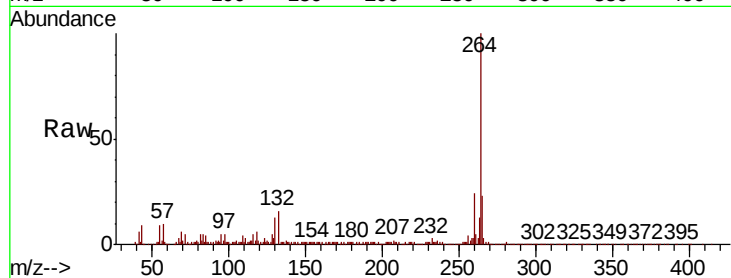




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF112056.D
Acq: 14 Jan 2019 17:46

Instrument :
BNA_F
ClientSampleId :
CPSB-19(15-20)

Tgt Ion:	264	Resp:	344698
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	23.0	17.1	25.7



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

