

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
 Data File : BF112015.D
 Acq On : 11 Jan 2019 15:13
 Operator : JU/SJ
 Sample : K1102-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CPSB-02(20-25)

Quant Time: Jan 11 22:35:36 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

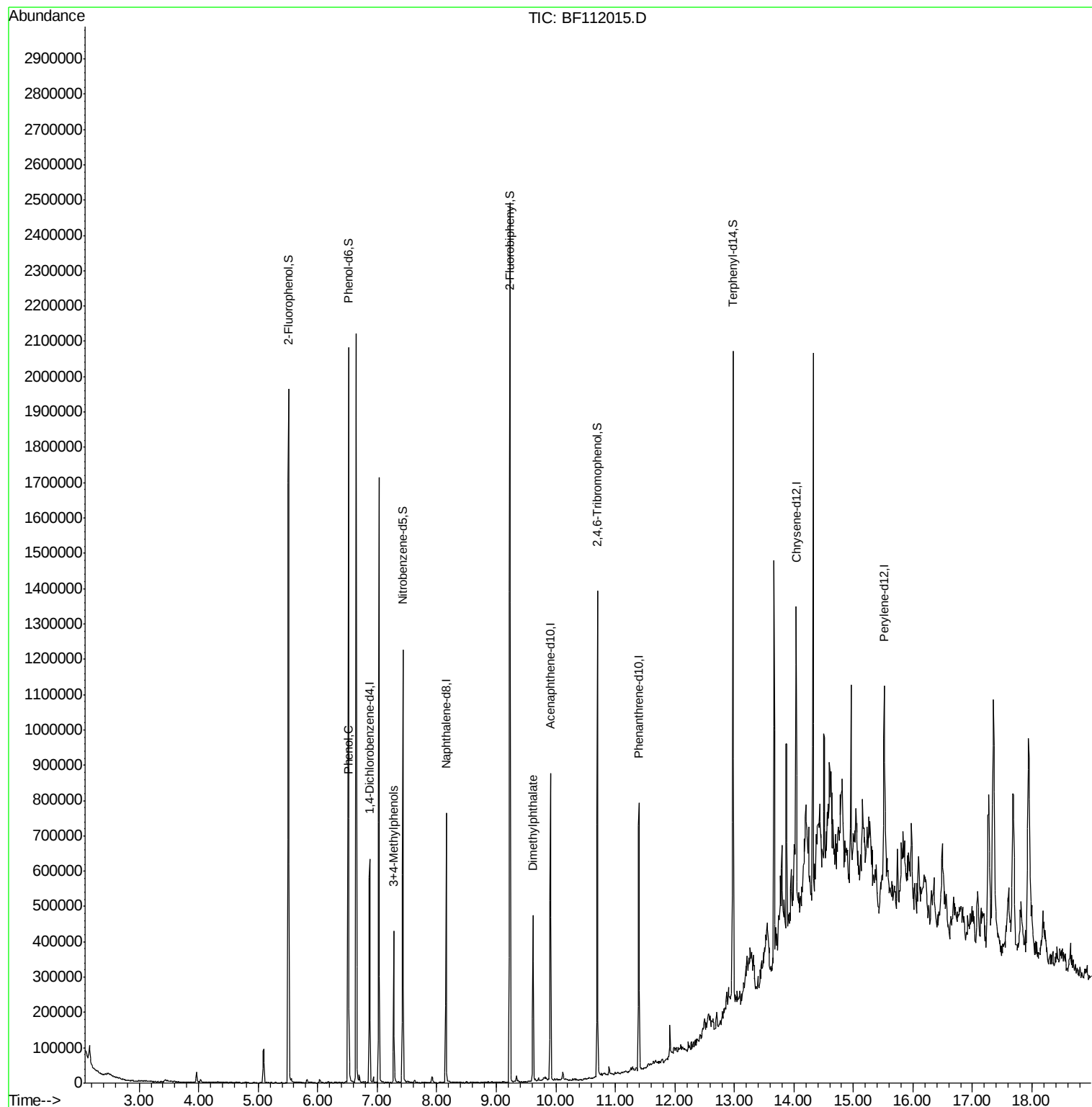
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	95010	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	348935	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	159919	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	273604	20.00	ng	0.00
76) Chrysene-d12	14.04	240	274004	20.00	ng	0.00
87) Perylene-d12	15.52	264	258081	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	522317	94.05	ng	0.00
7) Phenol-d6	6.52	99	647372	90.44	ng	0.00
23) Nitrobenzene-d5	7.43	82	411532	63.03	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	168195	80.86	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	719887	65.64	ng	0.00
79) Terphenyl-d14	12.98	244	571151	39.57	ng	0.00
Target Compounds						
10) Phenol	6.53	94	39755	5.110	ng	Qvalue # 73
20) 3+4-Methylphenols	7.28	107	103382	16.760	ng	# 59
50) Dimethylphthalate	9.62	163	175677	14.624	ng	99

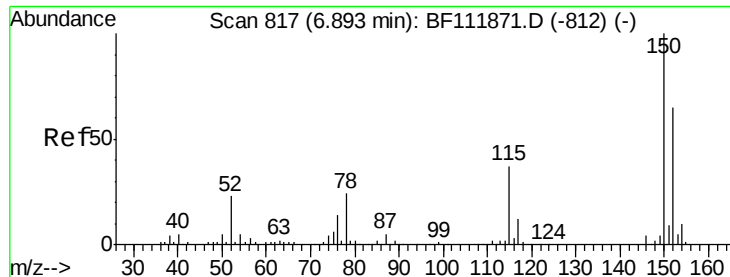
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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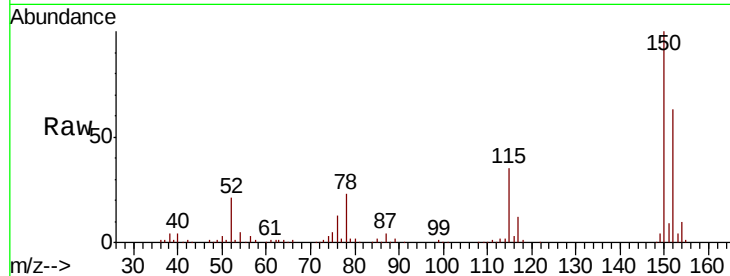


#1

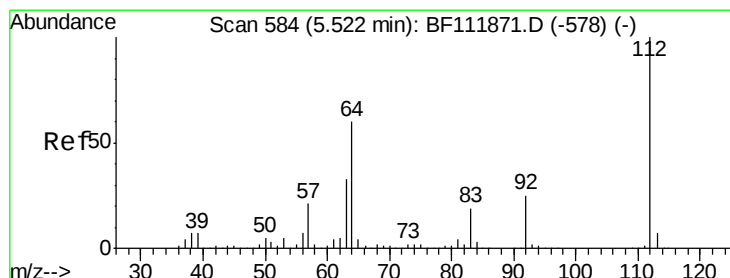
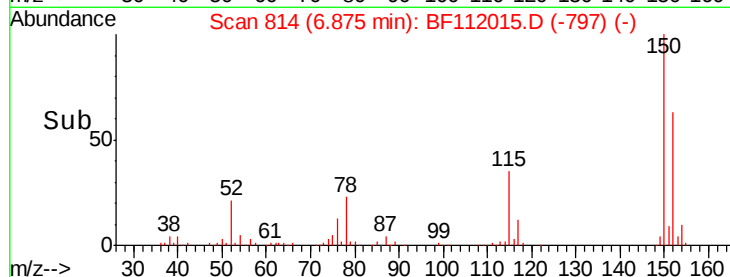
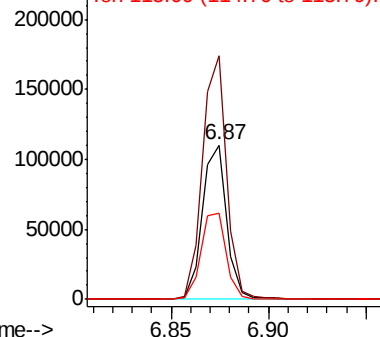
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF112015.D
Acq: 11 Jan 2019 15:13

Instrument :
BNA_F
ClientSampleId :
CPSB-02(20-25)

Tot Ion:152 Resp: 95010
Ion Ratio Lower Upper
152 100
150 157.8 122.7 184.1
115 56.0 45.2 67.8



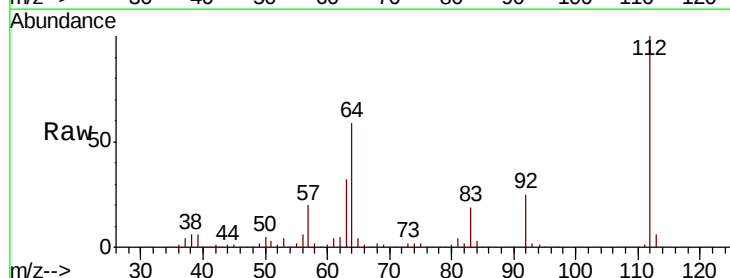
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



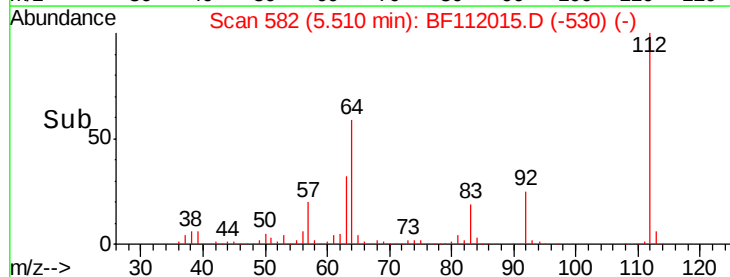
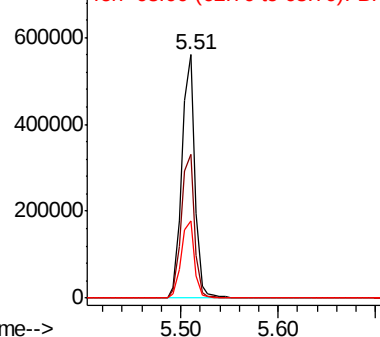
#5

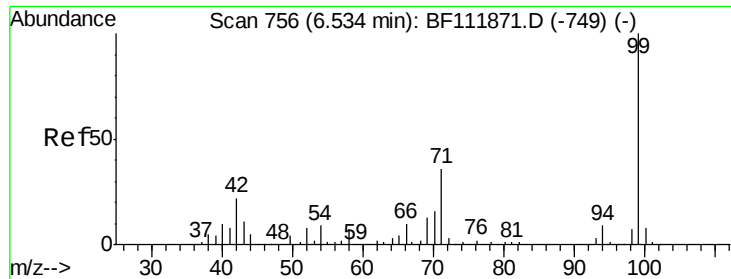
2-Fluorophenol
Concen: 94.052 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF112015.D
Acq: 11 Jan 2019 15:13

Tgt Ion:112 Resp: 522317
Ion Ratio Lower Upper
112 100
64 59.1 48.3 72.5
63 31.5 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: 90.443 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF112015.D

Acq: 11 Jan 2019 15:13

Instrument :

BNA_F

ClientSampleId :

CPSB-02(20-25)

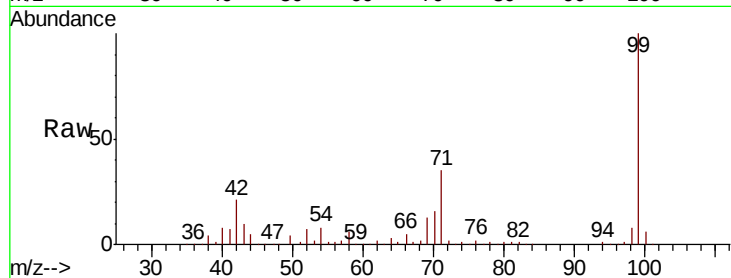
Tot Ion: 99 Resp: 647372

Ion Ratio Lower Upper

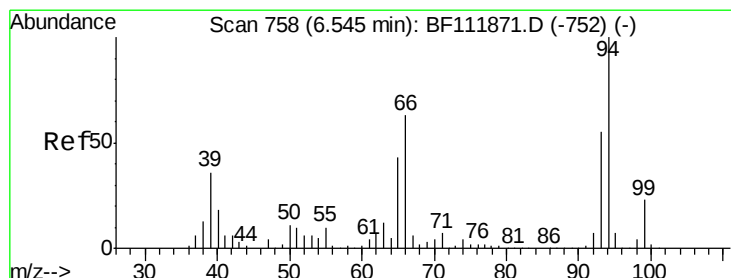
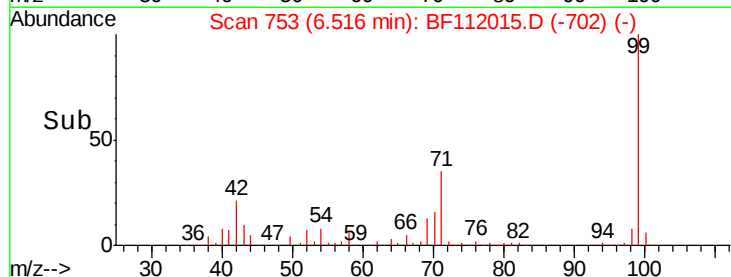
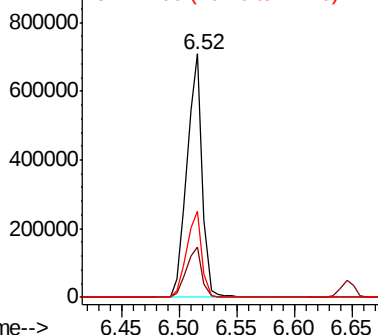
99 100

42 20.6 17.9 26.9

71 35.4 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: 5.110 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF112015.D

Acq: 11 Jan 2019 15:13

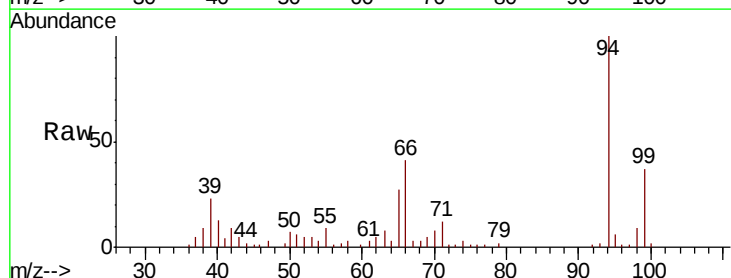
Tgt Ion: 94 Resp: 39755

Ion Ratio Lower Upper

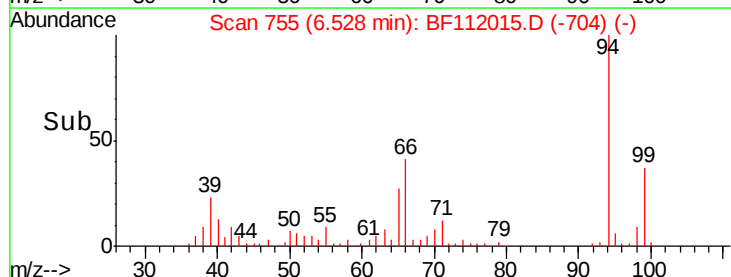
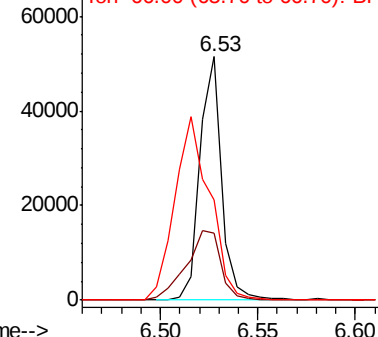
94 100

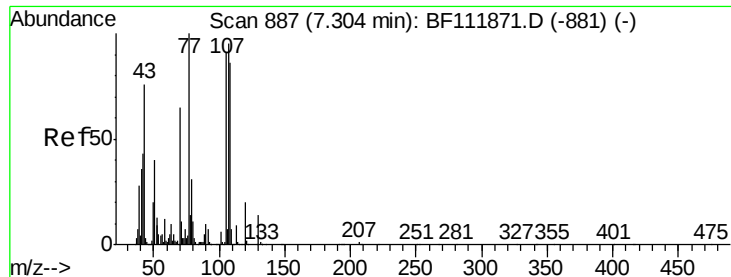
65 27.3 22.8 62.8

66 41.0 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

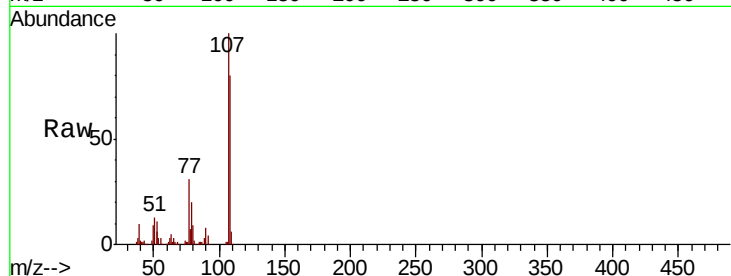




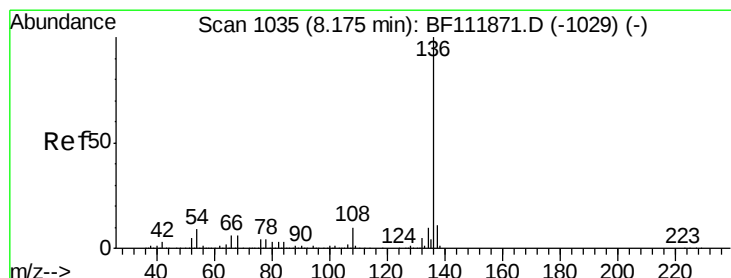
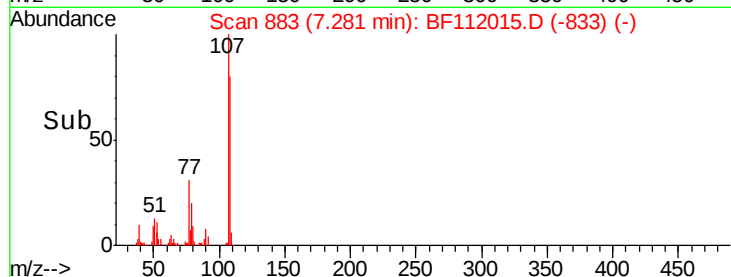
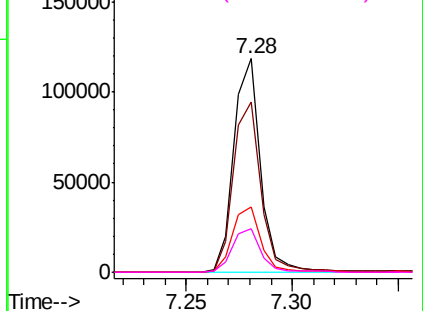
#20
3+4-Methylphenols
Concen: 16.760 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF112015.D
Acq: 11 Jan 2019 15:13

Instrument :
BNA_F
ClientSampleId :
CPSB-02(20-25)

Tot Ion:	107	Resp:	103382
Ion	Ratio	Lower	Upper
107	100		
108	79.5	71.1	111.1
77	30.7	85.4	125.4#
79	20.3	12.4	52.4

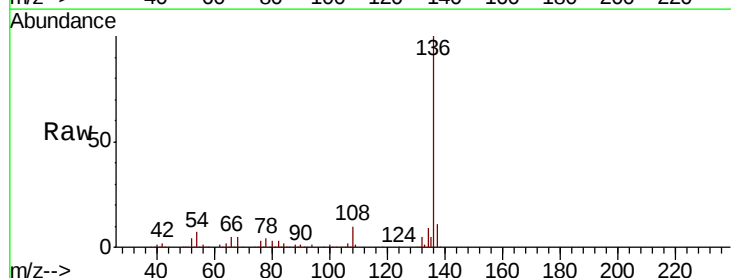


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

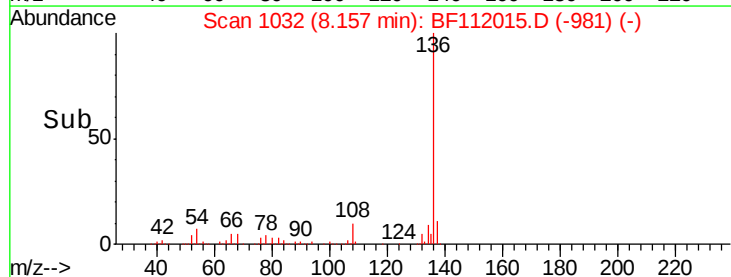
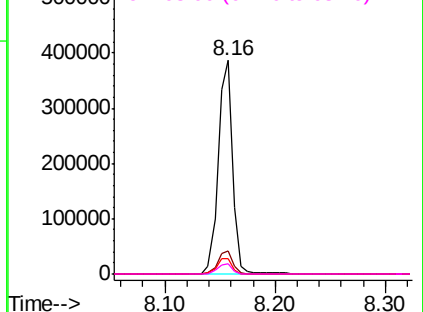


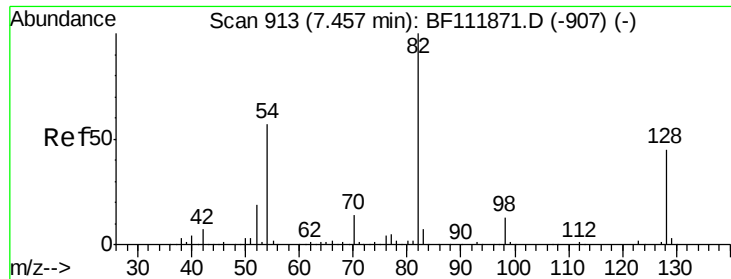
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF112015.D
Acq: 11 Jan 2019 15:13

Tgt Ion:	136	Resp:	348935
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	7.4	7.2	10.8
68	4.7	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

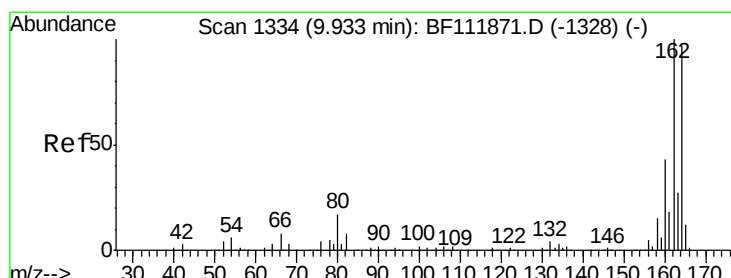
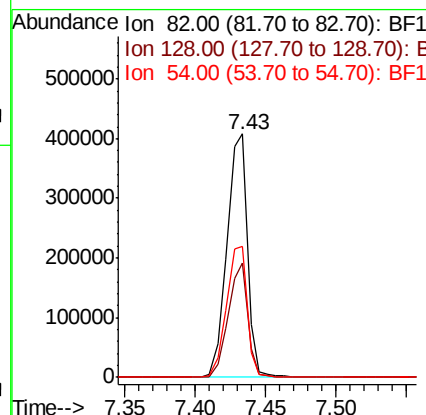
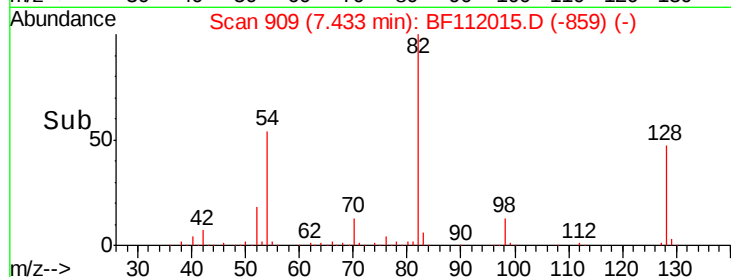
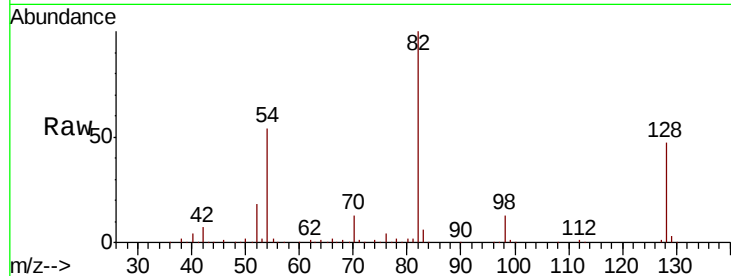




#23
 Nitrobenzene-d5
 Concen: 63.033 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF112015.D
 Acq: 11 Jan 2019 15:13

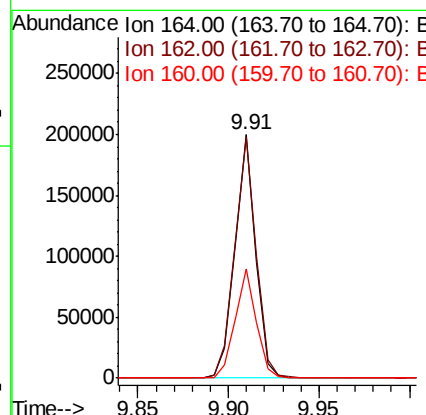
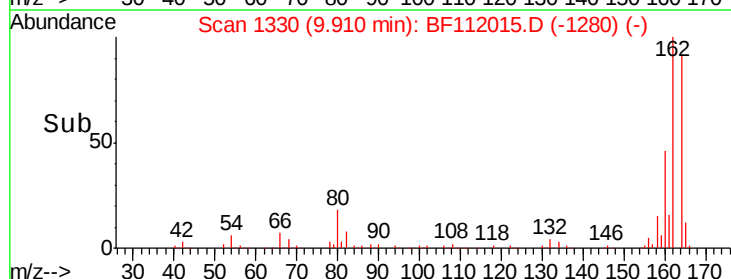
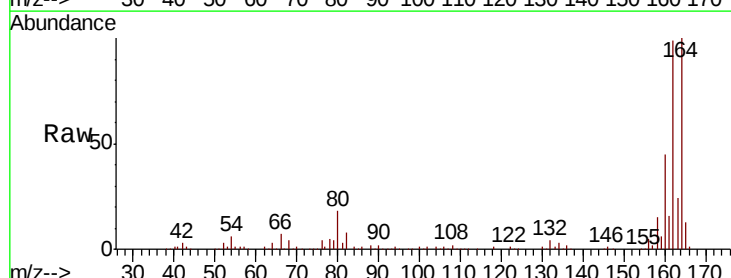
Instrument :
 BNA_F
 ClientSampleId :
 CPSB-02(20-25)

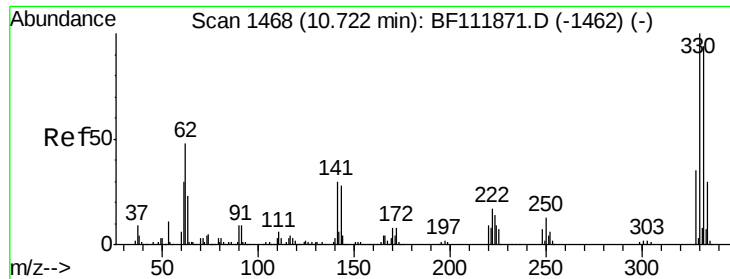
Tot Ion: 82 Resp: 411532
 Ion Ratio Lower Upper
 82 100
 128 47.0 35.7 53.5
 54 53.8 45.8 68.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF112015.D
 Acq: 11 Jan 2019 15:13

Tgt Ion:164 Resp: 159919
 Ion Ratio Lower Upper
 164 100
 162 99.1 82.2 123.2
 160 44.9 35.5 53.3





#42

2,4,6-Tribromophenol

Concen: 80.861 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.01 min

Lab File: BF112015.D

Acq: 11 Jan 2019 15:13

Instrument :

BNA_F

ClientSampleId :

CPSB-02(20-25)

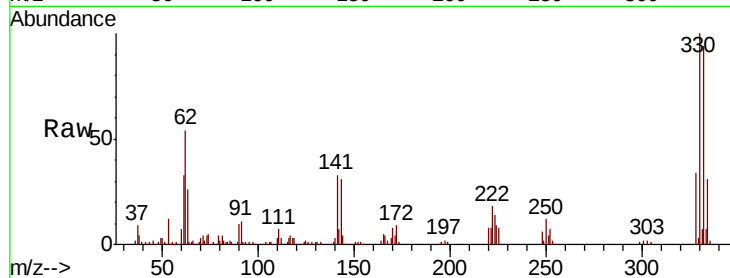
Tot Ion:330 Resp: 168195

Ion Ratio Lower Upper

330 100

332 94.7 76.9 115.3

141 30.2 23.7 35.5

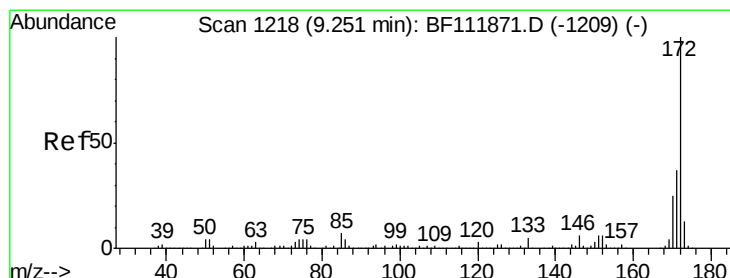
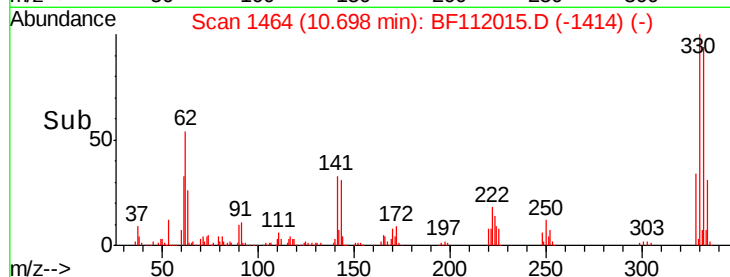
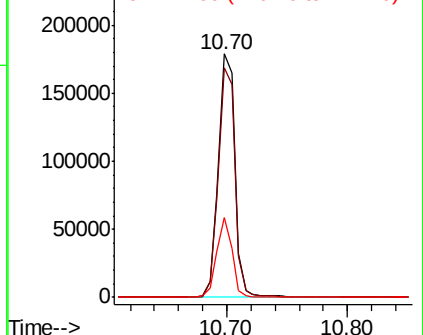


Abundance

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: 65.642 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BF112015.D

Acq: 11 Jan 2019 15:13

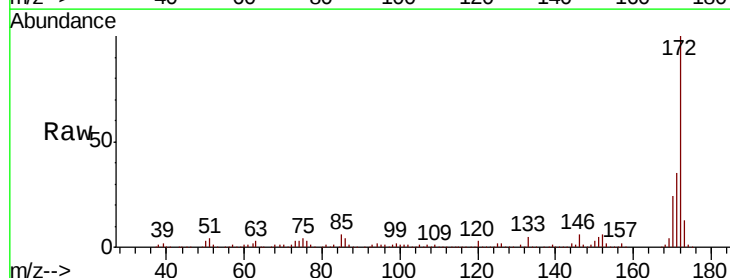
Tgt Ion:172 Resp: 719887

Ion Ratio Lower Upper

172 100

171 34.6 29.6 44.4

170 23.6 19.8 29.8

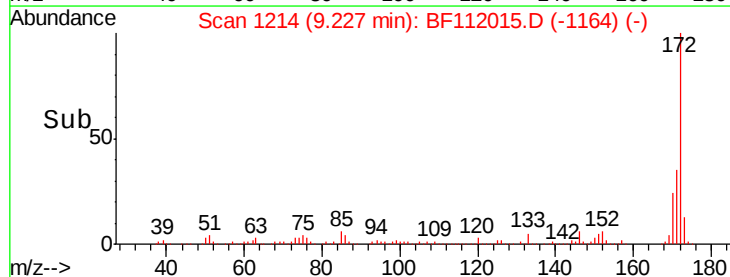
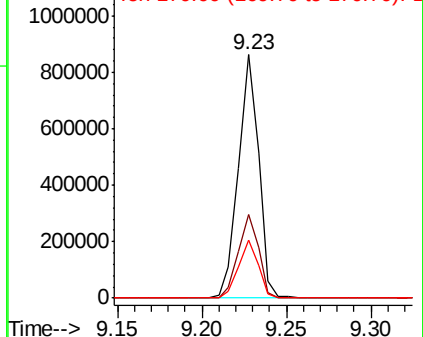


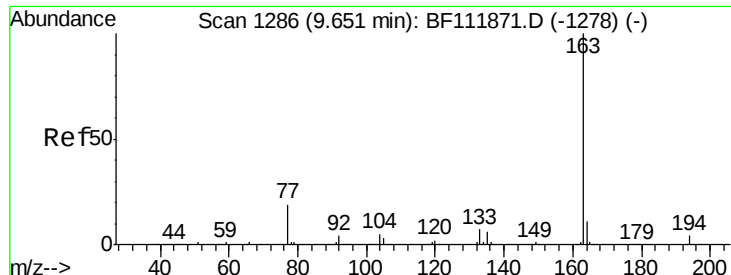
Abundance

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

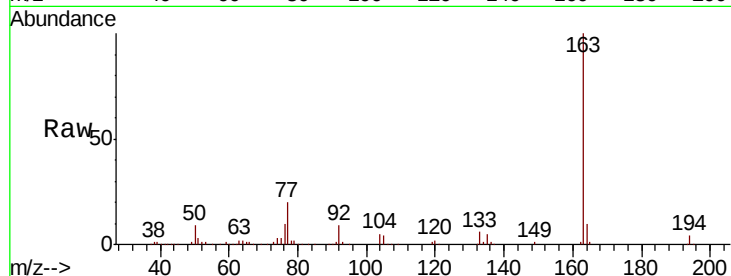




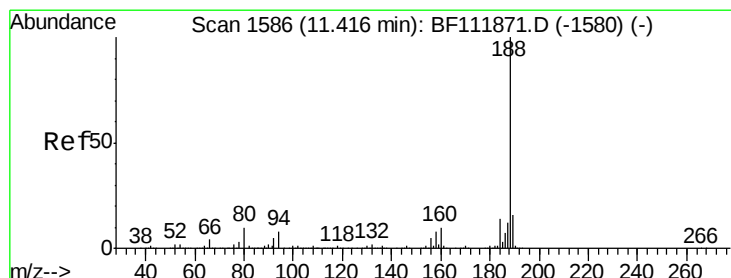
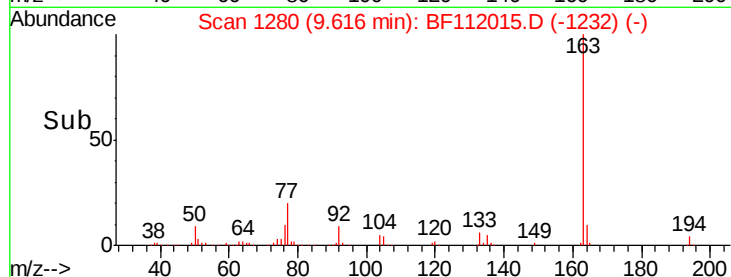
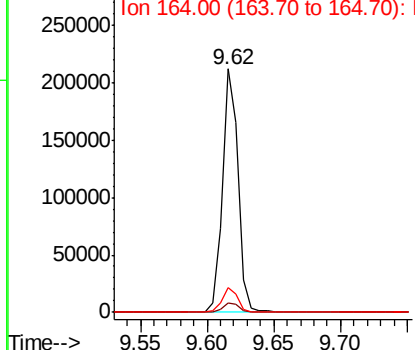
#50
Dimethylphthalate
Concen: 14.624 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF112015.D
Acq: 11 Jan 2019 15:13

Instrument :
BNA_F
ClientSampleId :
CPSB-02(20-25)

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	10.0	8.5	12.7

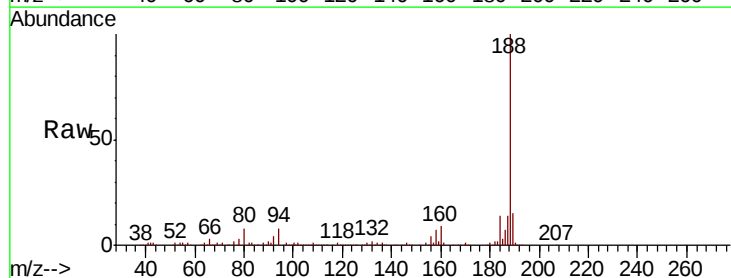


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

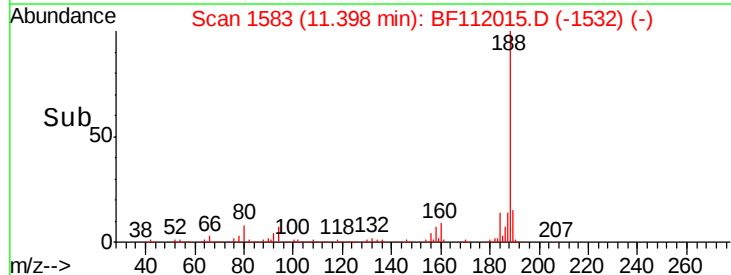
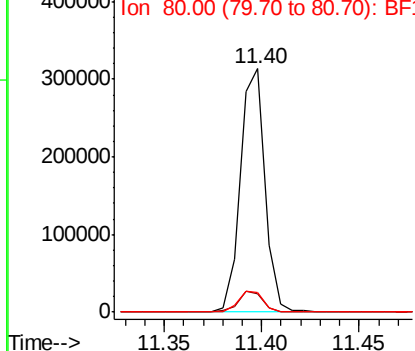


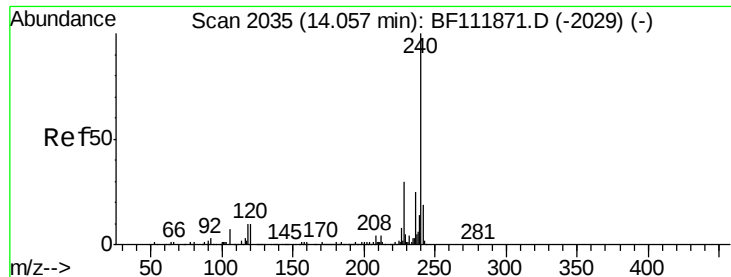
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF112015.D
Acq: 11 Jan 2019 15:13

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.6	10.0
80	8.1	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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF112015.D

Acq: 11 Jan 2019 15:13

Instrument :

BNA_F

ClientSampleId :

CPSB-02(20-25)

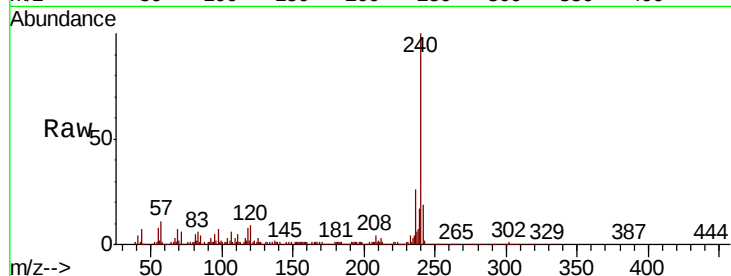
Tot Ion:240 Resp: 274004

Ion Ratio Lower Upper

240 100

120 8.9 8.2 12.2

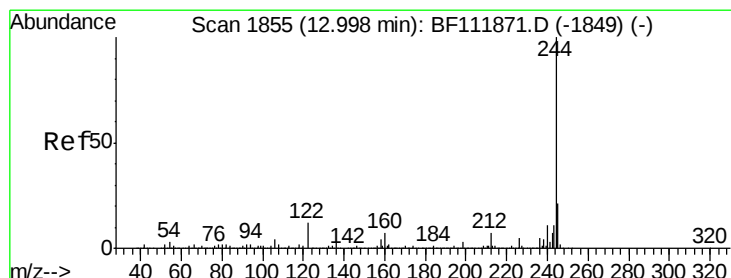
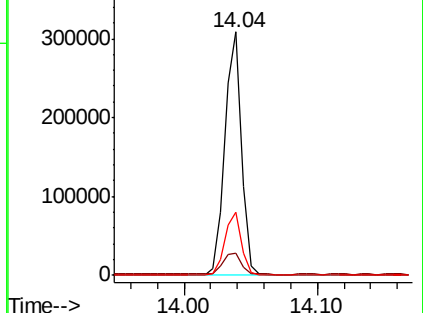
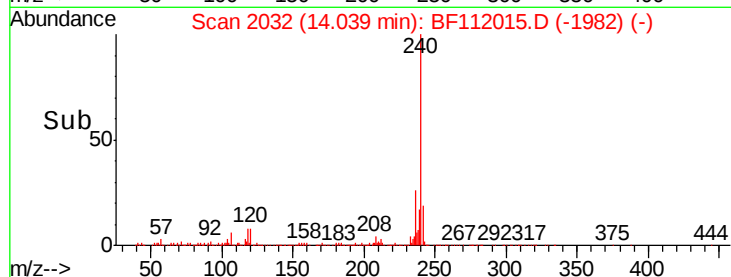
236 25.8 20.2 30.4



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: 39.568 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF112015.D

Acq: 11 Jan 2019 15:13

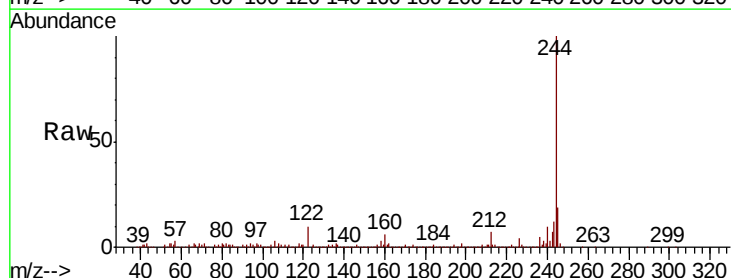
Tgt Ion:244 Resp: 571151

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

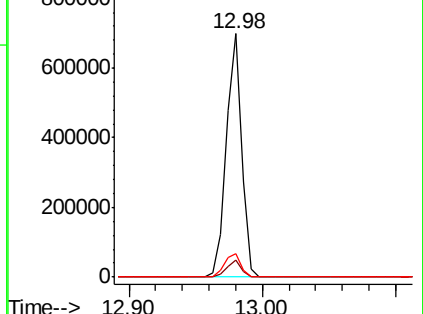
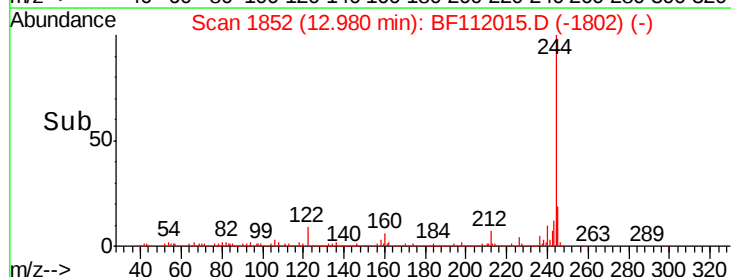
122 9.5 9.5 14.3

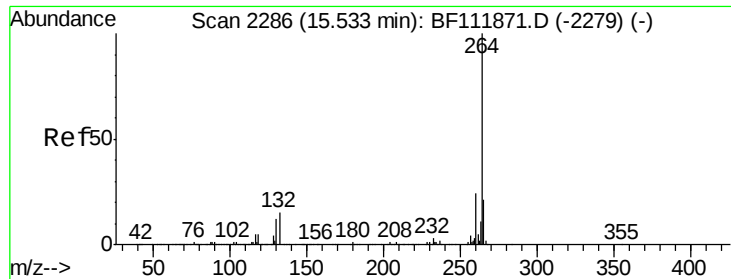


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

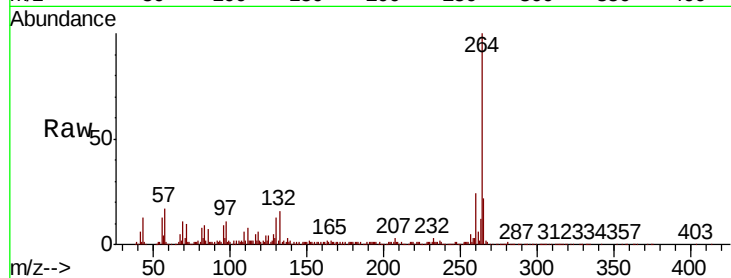




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF112015.D
Acq: 11 Jan 2019 15:13

Instrument :
BNA_F
ClientSampleId :
CPSB-02(20-25)

Tot Ion:	264	Resp:	258081
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.3	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

