

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101518\
 Data File : BF109886.D
 Acq On : 15 Oct 2018 18:33
 Operator : JU/SJ
 Sample : J5456-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MS-FRAC-TANK

Quant Time: Oct 16 01:33:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 15 18:09:48 2018
 Response via : Initial Calibration

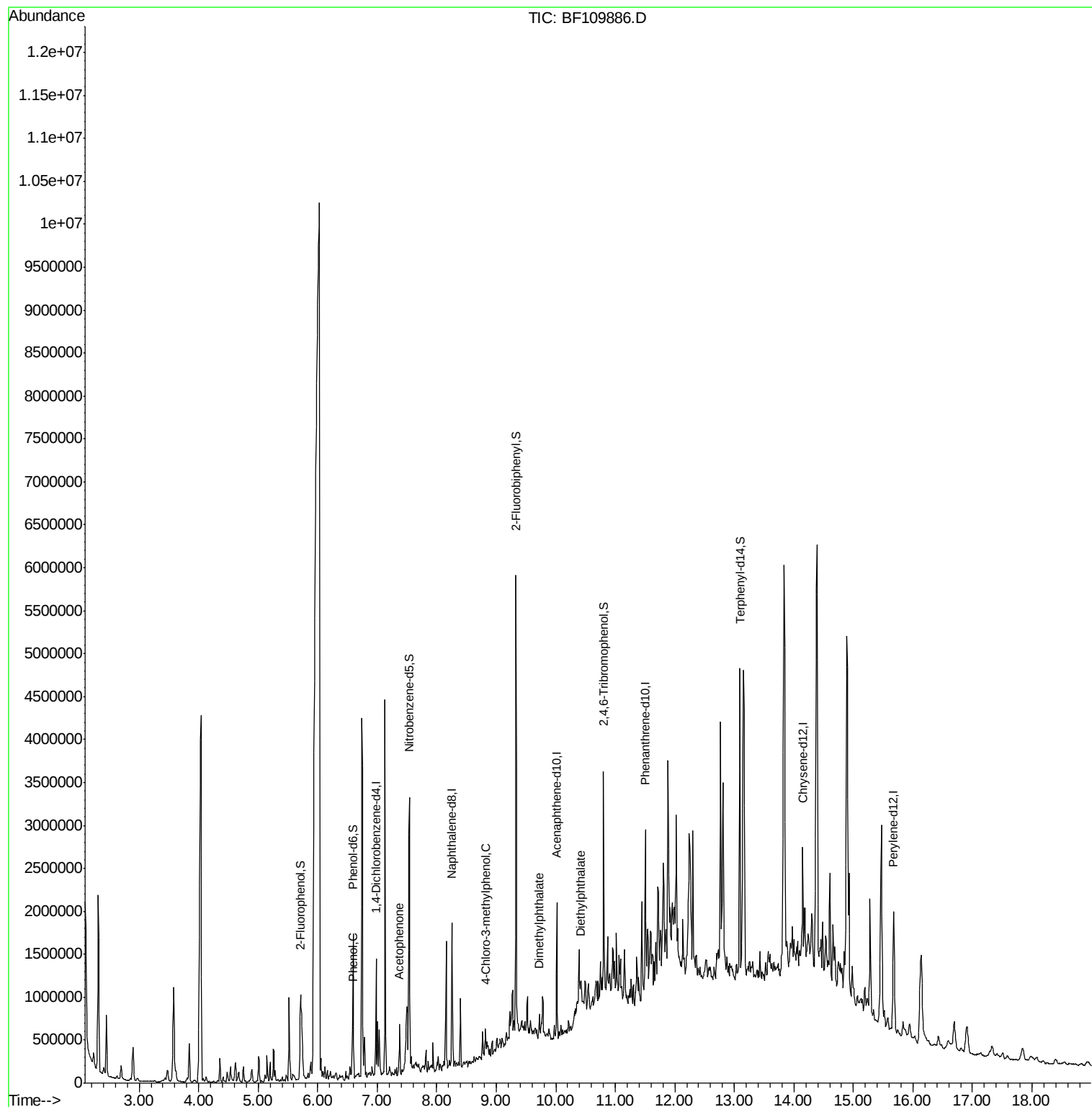
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	192310	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	717497	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	288377	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	456124	20.00	ng	0.00
76) Chrysene-d12	14.15	240	377795	20.00	ng	0.00
87) Perylene-d12	15.67	264	462709	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	682352	56.24	ng	0.12
7) Phenol-d6	6.59	99	530894	35.24	ng	0.00
23) Nitrobenzene-d5	7.54	82	985060	92.48	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	272495	109.14	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1624233	89.87	ng	0.00
79) Terphenyl-d14	13.09	244	1167475	64.89	ng	0.00
Target Compounds						
10) Phenol	6.60	94	98966	6.085	ng	# 60
22) Acetophenone	7.37	105	143165	8.604	ng	# 96
36) 4-Chloro-3-methylphenol	8.82	107	32184	3.120	ng	# 23
50) Dimethylphthalate	9.72	163	85416	4.183	ng	99
60) Diethylphthalate	10.42	149	54331	2.694	ng	100

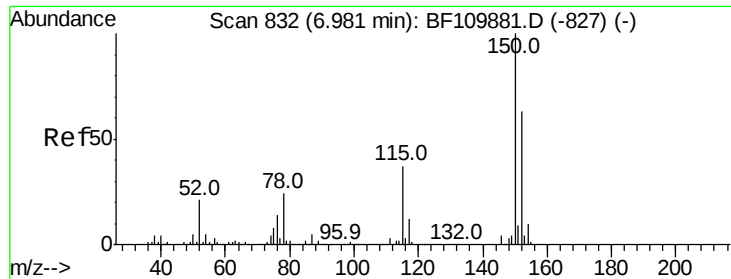
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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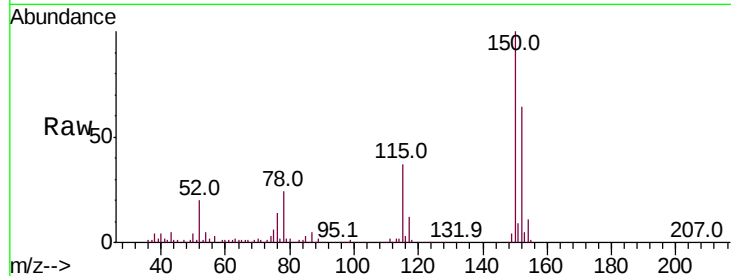


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF109886.D
Acq: 15 Oct 2018 18:33

Instrument :
BNA_F
ClientSampleId :
MS-FRAC-TANK

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	122.7	184.1
115	58.4	49.1	73.7

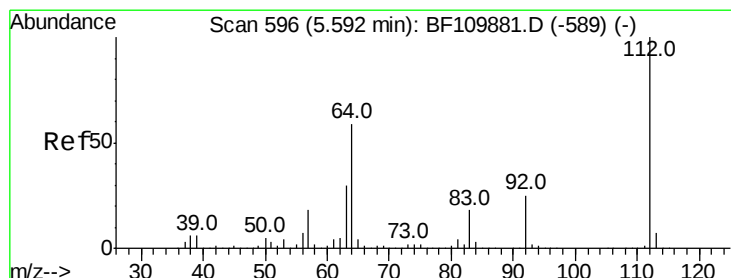
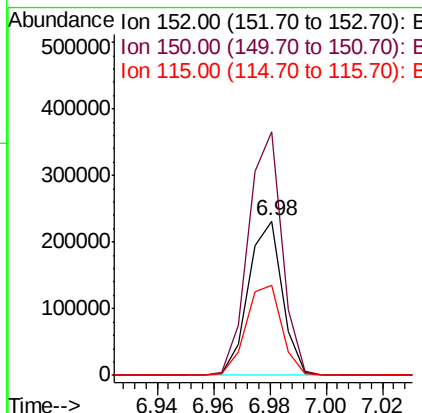
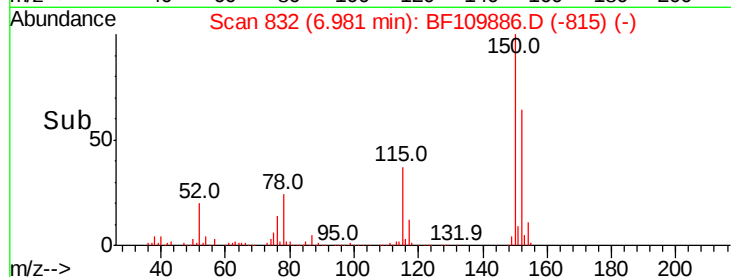


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

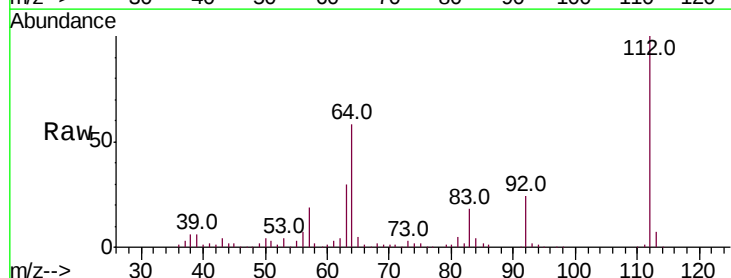
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 56.244 ng
RT: 5.71 min Scan# 616
Delta R.T. 0.12 min
Lab File: BF109886.D
Acq: 15 Oct 2018 18:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.3	44.1	66.1
63	30.3	23.7	35.5

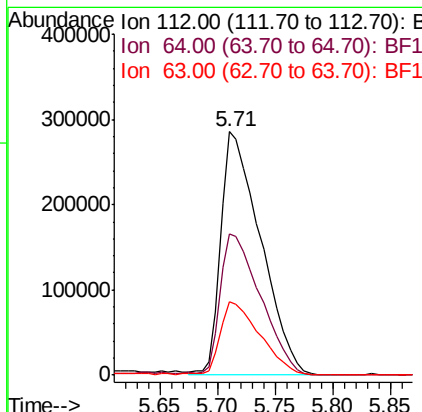
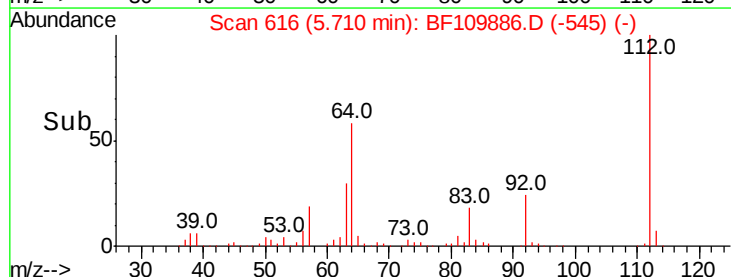


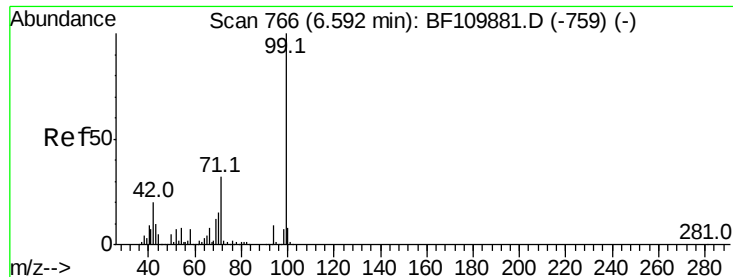
Abundance

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: 35.241 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF109886.D

Acq: 15 Oct 2018 18:33

Instrument :

BNA_F

ClientSampleId :

MS-FRAC-TANK

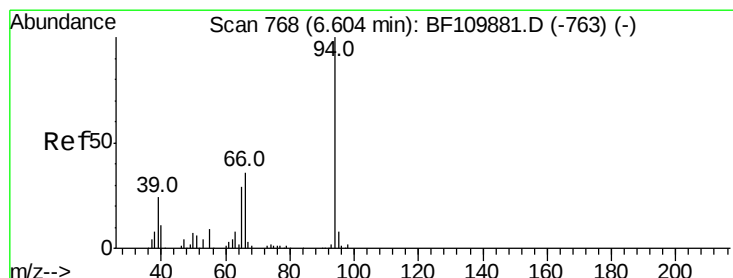
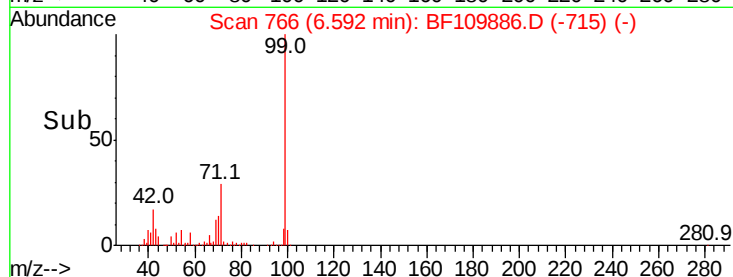
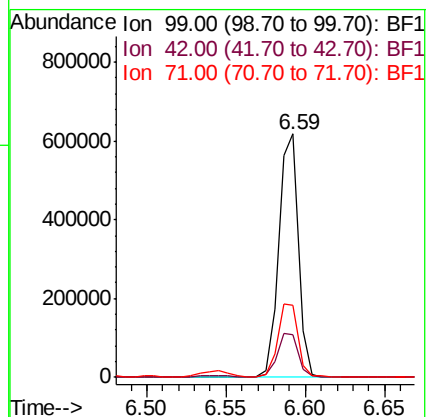
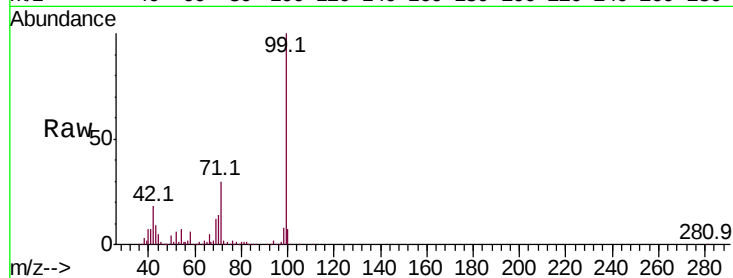
Tot Ion: 99 Resp: 530894

Ion Ratio Lower Upper

99 100

42 17.5 15.8 23.6

71 29.6 28.0 42.0



#10

Phenol

Concen: 6.085 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF109886.D

Acq: 15 Oct 2018 18:33

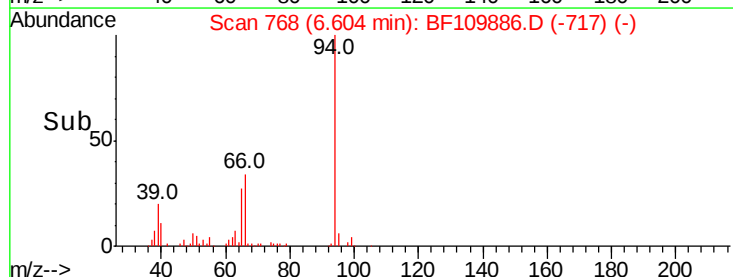
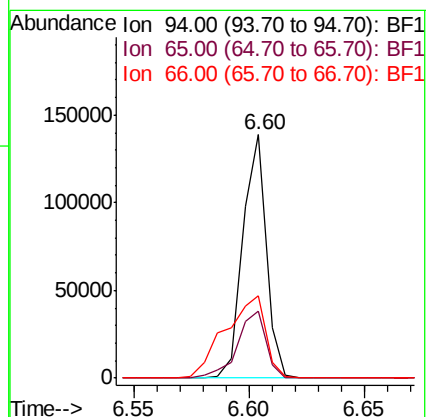
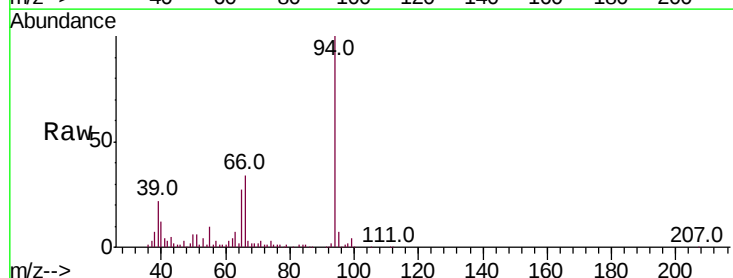
Tgt Ion: 94 Resp: 98966

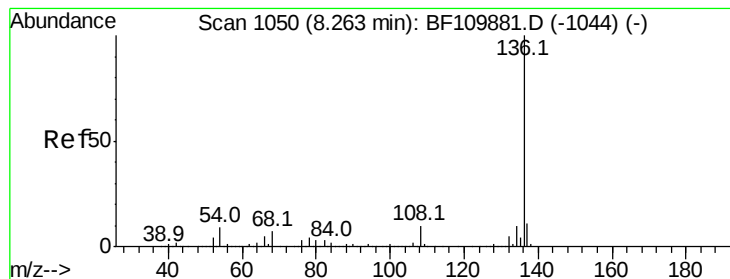
Ion Ratio Lower Upper

94 100

65 27.5 25.3 65.3

66 33.6 54.5 94.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. -0.01 min

Lab File: BF109886.D

Acq: 15 Oct 2018 18:33

Instrument :

BNA_F

ClientSampleId :

MS-FRAC-TANK

Tot Ion:136 Resp: 717497

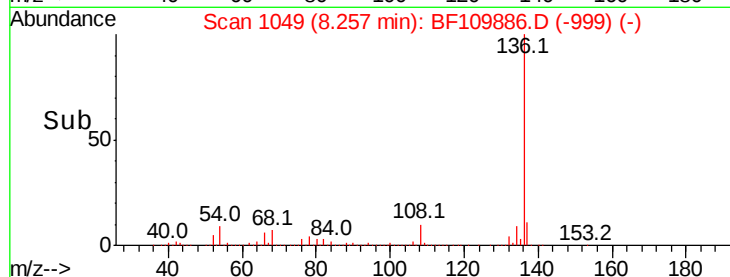
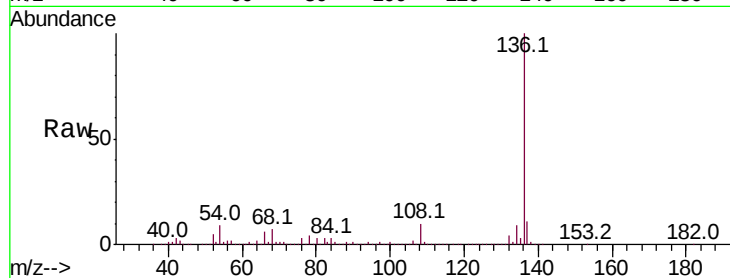
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 9.4 5.4 8.2#

68 6.8 4.2 6.2#

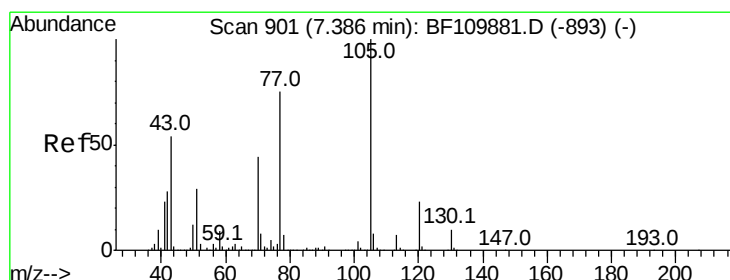
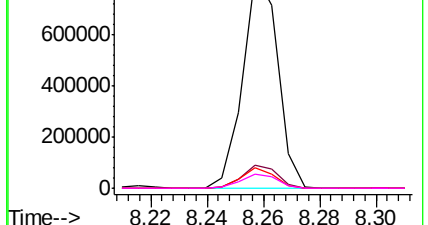


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 8.604 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF109886.D

Acq: 15 Oct 2018 18:33

Tgt Ion:105 Resp: 143165

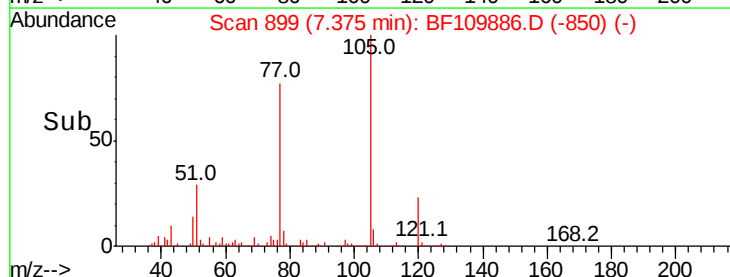
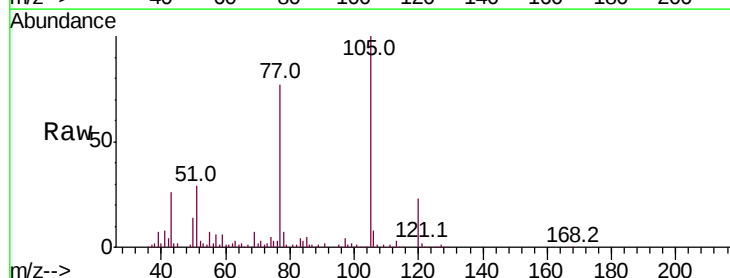
Ion Ratio Lower Upper

105 100

71 3.1 5.2 7.8#

51 29.3 21.8 32.8

120 22.6 17.0 25.4

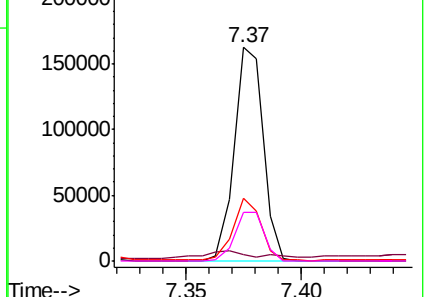


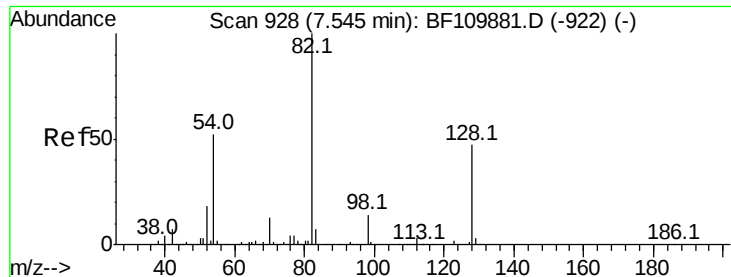
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

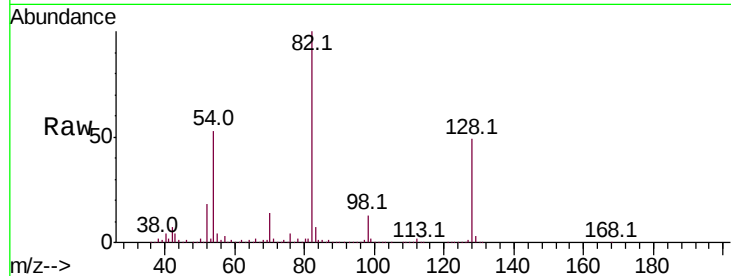




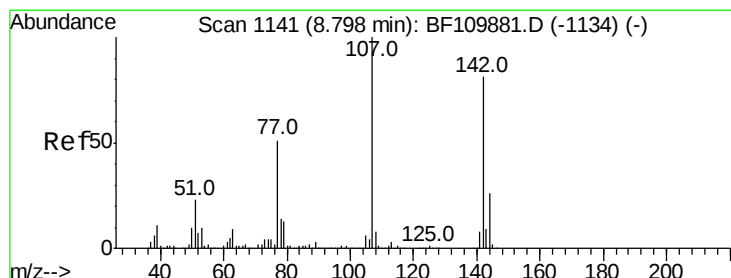
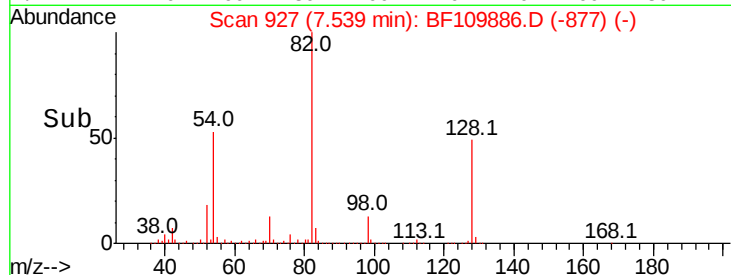
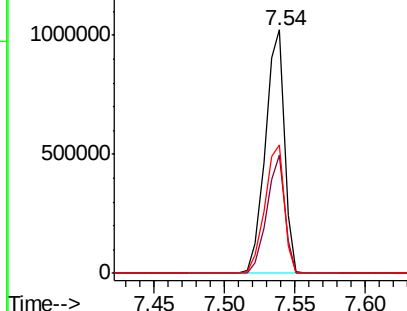
#23
 Nitrobenzene-d5
 Concen: 92.485 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: BF109886.D
 Acq: 15 Oct 2018 18:33

Instrument :
 BNA_F
 ClientSampleId :
 MS-FRAC-TANK

Tot Ion	82	Resp	985060
Ion Ratio	Lower	Upper	
82	100		
128	48.7	34.2	51.2
54	52.8	38.6	58.0

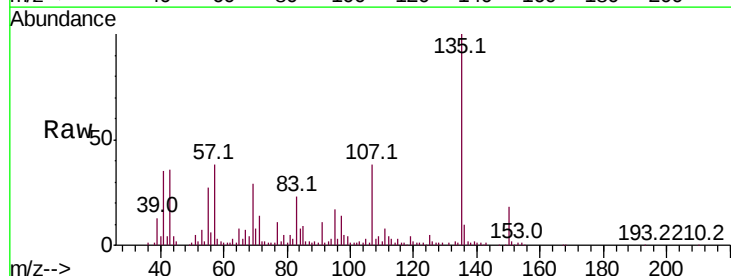


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

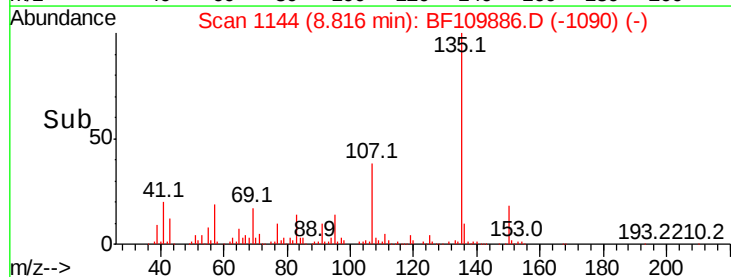
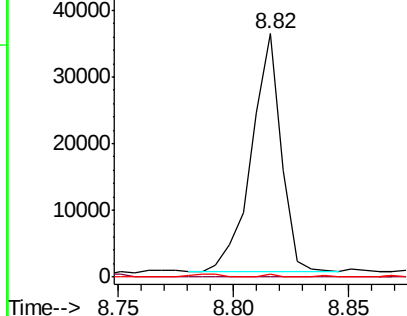


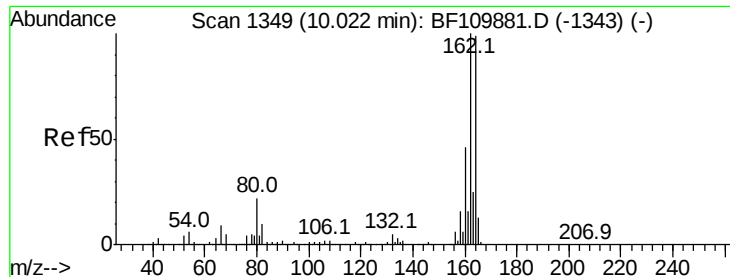
#36
 4-Chloro-3-methylphenol
 Concen: 3.120 ng
 RT: 8.82 min Scan# 1144
 Delta R.T. 0.02 min
 Lab File: BF109886.D
 Acq: 15 Oct 2018 18:33

Tgt Ion	107	Resp	32184
Ion Ratio	Lower	Upper	
107	100		
144	0.0	20.0	30.0#
142	1.0	59.7	89.5#



Abundance Ion 107.00 (106.70 to 107.70): BF1
 Ion 144.00 (143.70 to 144.70): BF1
 Ion 142.00 (141.70 to 142.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF109886.D

Acq: 15 Oct 2018 18:33

Instrument :

BNA_F

ClientSampleId :

MS-FRAC-TANK

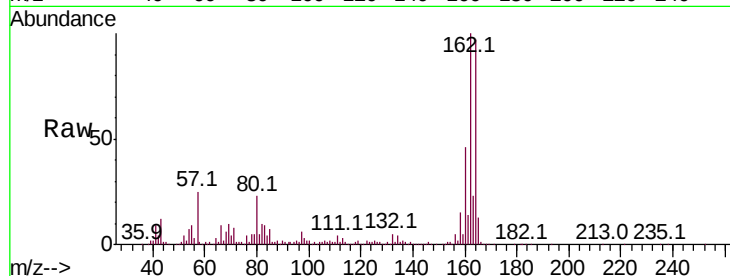
Tot Ion:164 Resp: 288377

Ion Ratio Lower Upper

164 100

162 102.7 83.0 124.6

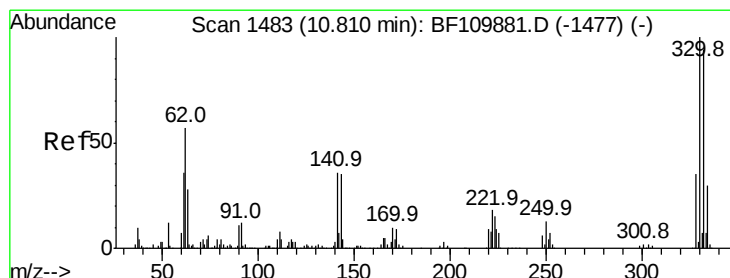
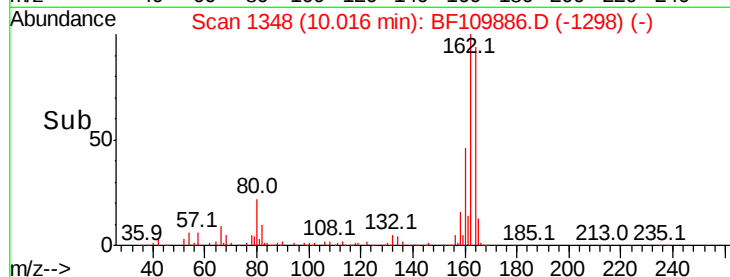
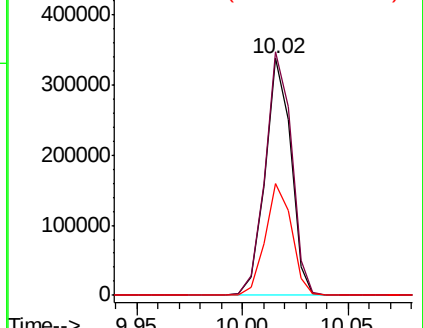
160 46.9 37.0 55.6



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: 109.142 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF109886.D

Acq: 15 Oct 2018 18:33

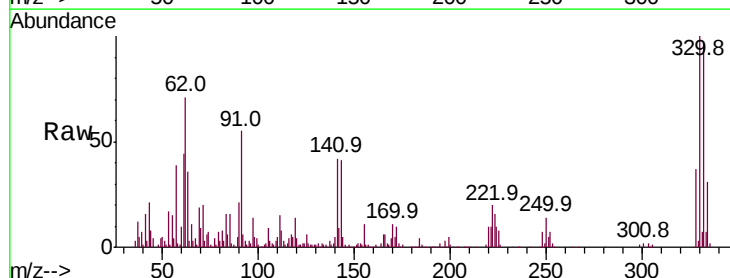
Tgt Ion:330 Resp: 272495

Ion Ratio Lower Upper

330 100

332 96.9 77.1 115.7

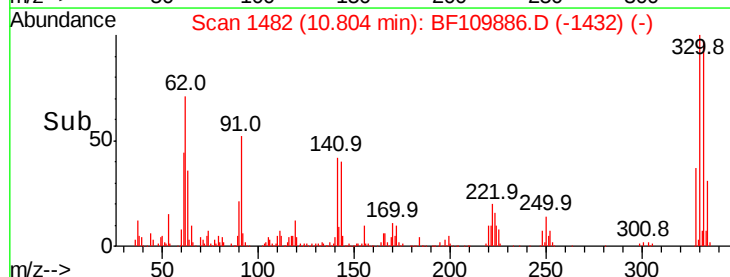
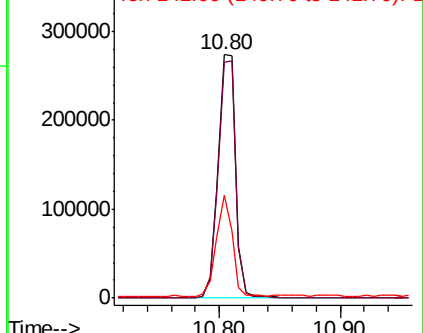
141 36.8 27.0 40.4

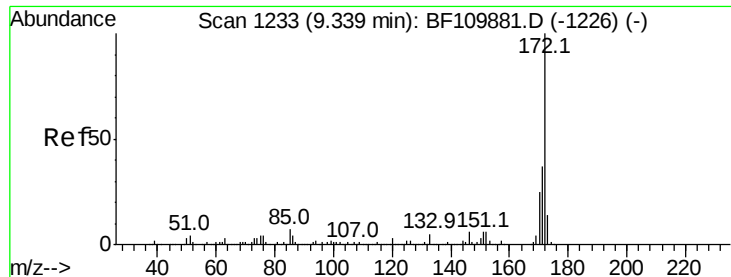


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

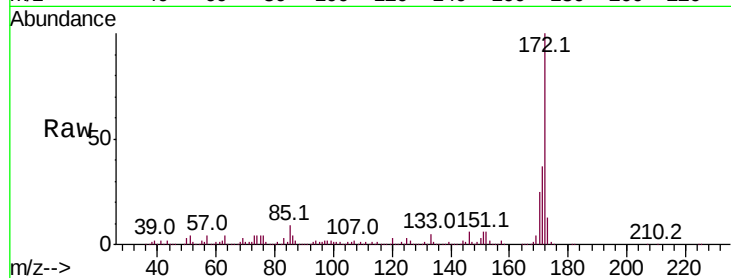




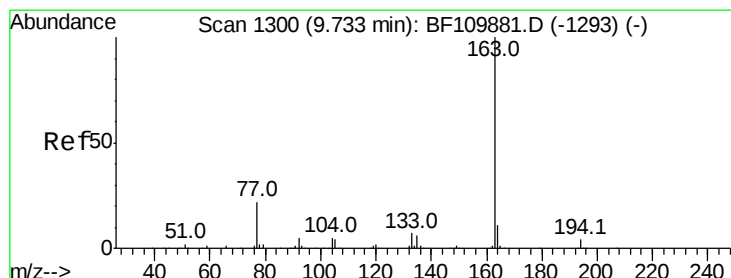
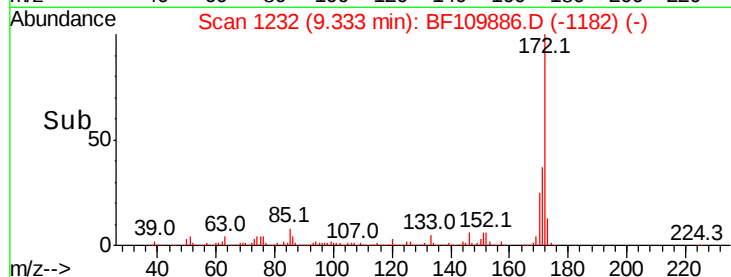
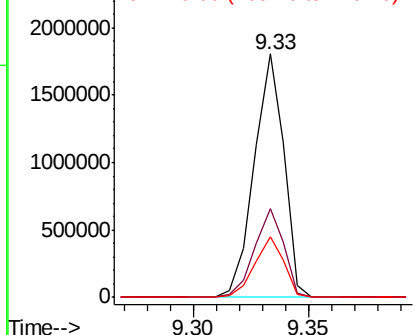
#45
2-Fluorobiphenyl
Concen: 89.872 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF109886.D
Acq: 15 Oct 2018 18:33

Instrument :
BNA_F
ClientSampleId :
MS-FRAC-TANK

Tot Ion:172 Resp: 1624233
Ion Ratio Lower Upper
172 100
171 36.5 28.6 43.0
170 25.0 19.7 29.5

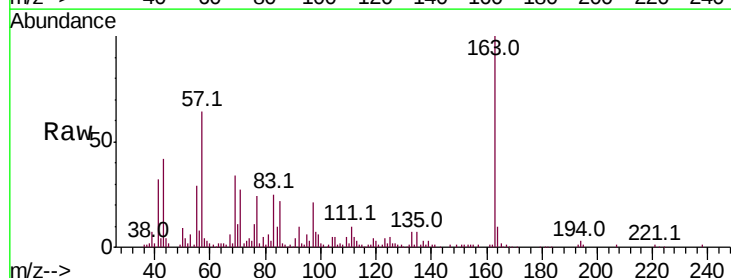


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

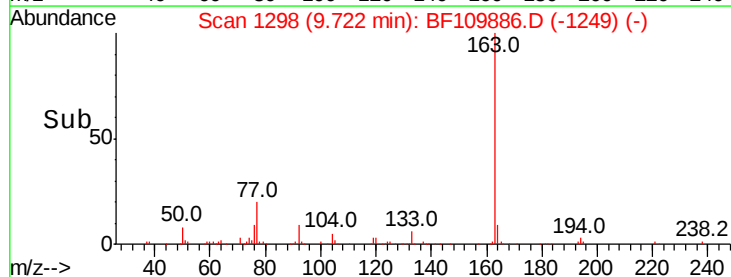
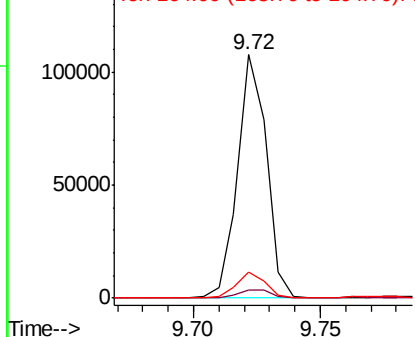


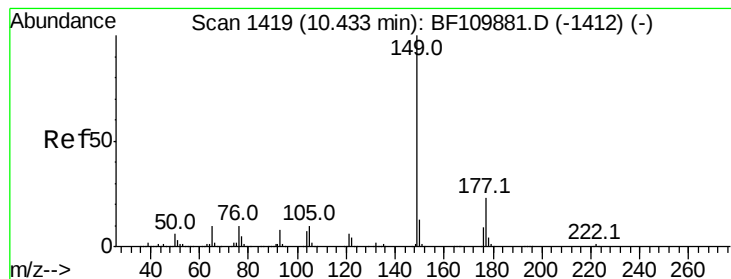
#50
Dimethylphthalate
Concen: 4.183 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109886.D
Acq: 15 Oct 2018 18:33

Tgt Ion:163 Resp: 85416
Ion Ratio Lower Upper
163 100
194 3.4 3.2 4.8
164 10.5 8.1 12.1



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





#60

Diethylphthalate

Concen: 2.694 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF109886.D

Acq: 15 Oct 2018 18:33

Instrument :

BNA_F

ClientSampleId :

MS-FRAC-TANK

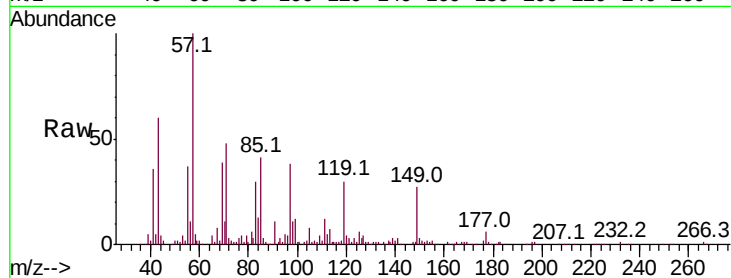
Tot Ion:149 Resp: 54331

Ion Ratio Lower Upper

149 100

177 21.7 17.4 26.2

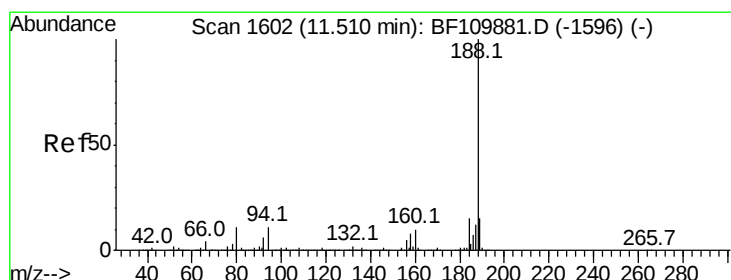
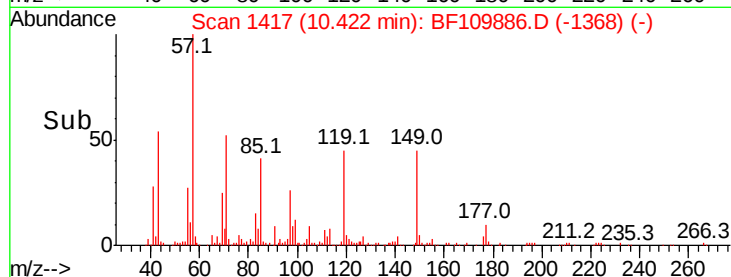
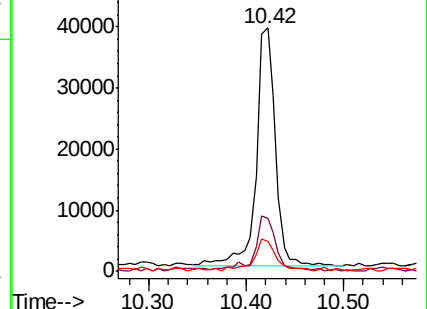
150 12.0 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.51 min Scan# 1602

Delta R.T. 0.00 min

Lab File: BF109886.D

Acq: 15 Oct 2018 18:33

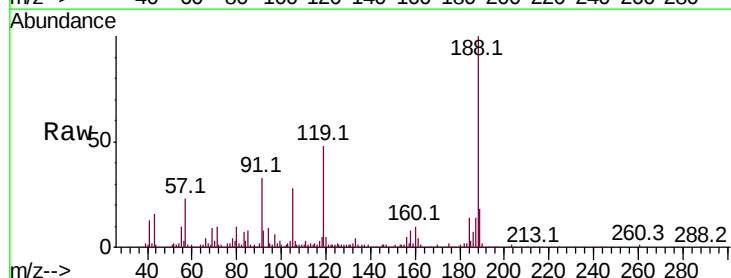
Tgt Ion:188 Resp: 456124

Ion Ratio Lower Upper

188 100

94 9.4 7.2 10.8

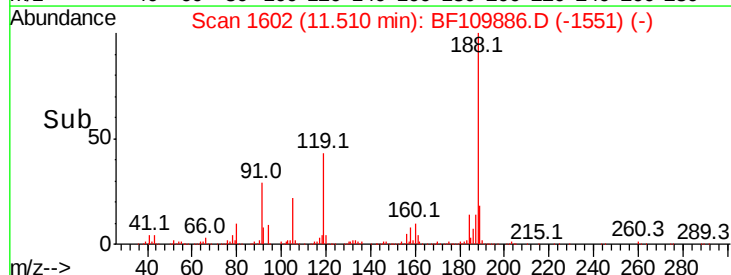
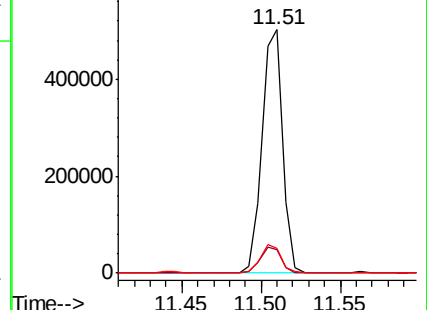
80 10.3 7.9 11.9

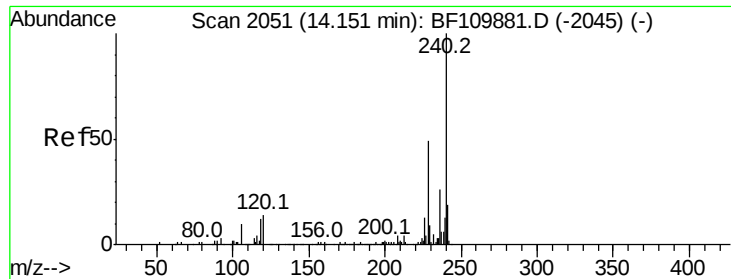


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

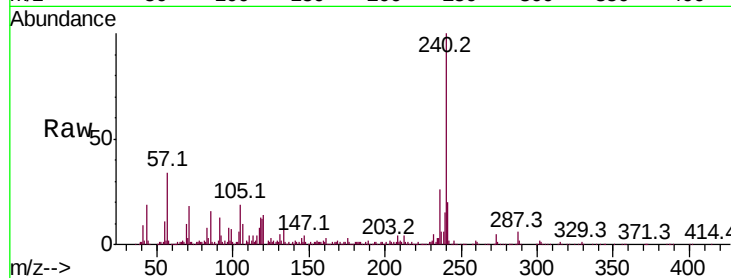




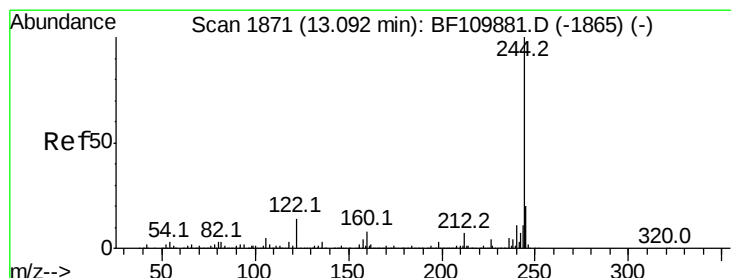
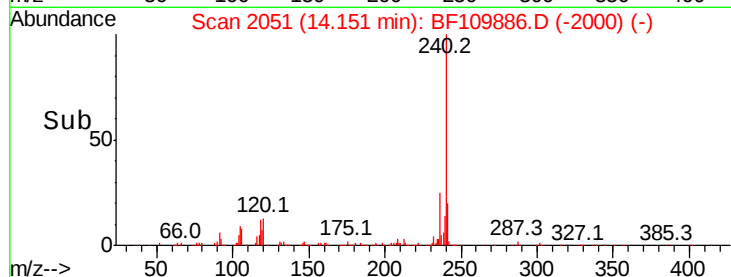
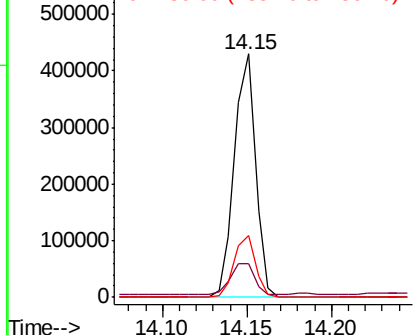
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BF109886.D
Acq: 15 Oct 2018 18:33

Instrument :
BNA_F
ClientSampleId :
MS-FRAC-TANK

Tot Ion:240 Resp: 377795
Ion Ratio Lower Upper
240 100
120 13.6 8.3 12.5#
236 25.5 21.2 31.8

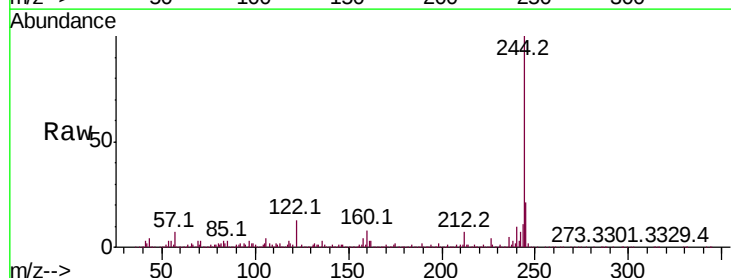


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

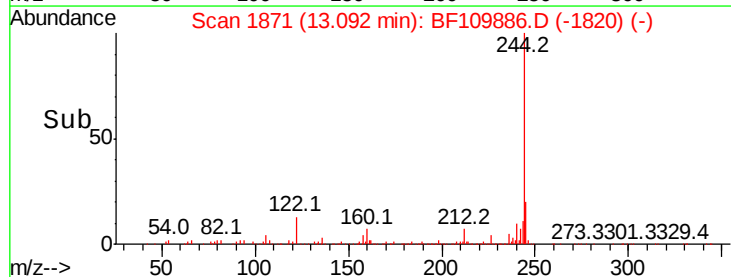
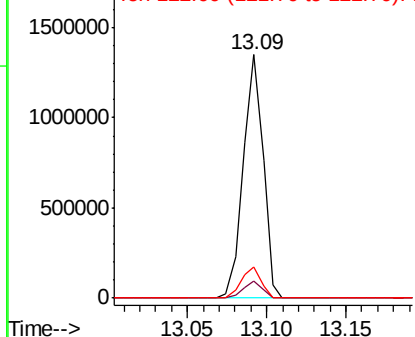


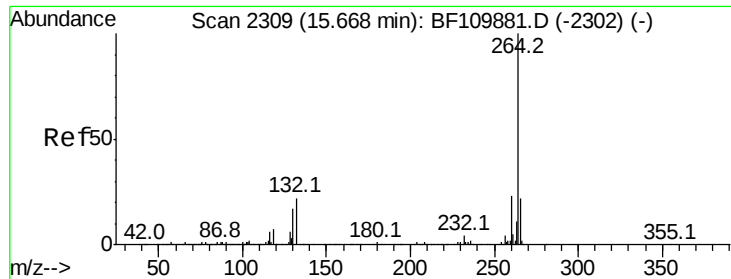
#79
Terphenyl-d14
Concen: 64.893 ng
RT: 13.09 min Scan# 1871
Delta R.T. 0.00 min
Lab File: BF109886.D
Acq: 15 Oct 2018 18:33

Tgt Ion:244 Resp: 1167475
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.8
122 13.0 8.7 13.1



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

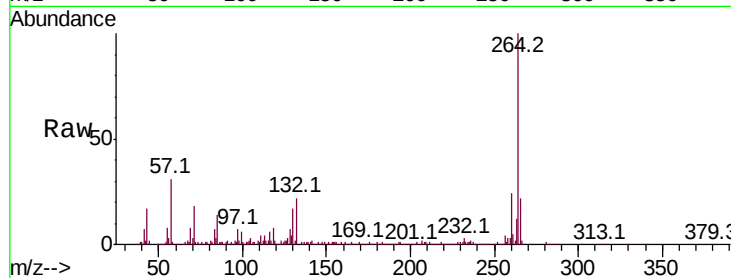




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. 0.00 min
Lab File: BF109886.D
Acq: 15 Oct 2018 18:33

Instrument :
BNA_F
ClientSampleId :
MS-FRAC-TANK

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	22.0	16.7	25.1



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

