

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101718\
 Data File : BF109942.D
 Acq On : 18 Oct 2018 1:17
 Operator : JU/SJ
 Sample : J5542-03 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 18 10:43:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

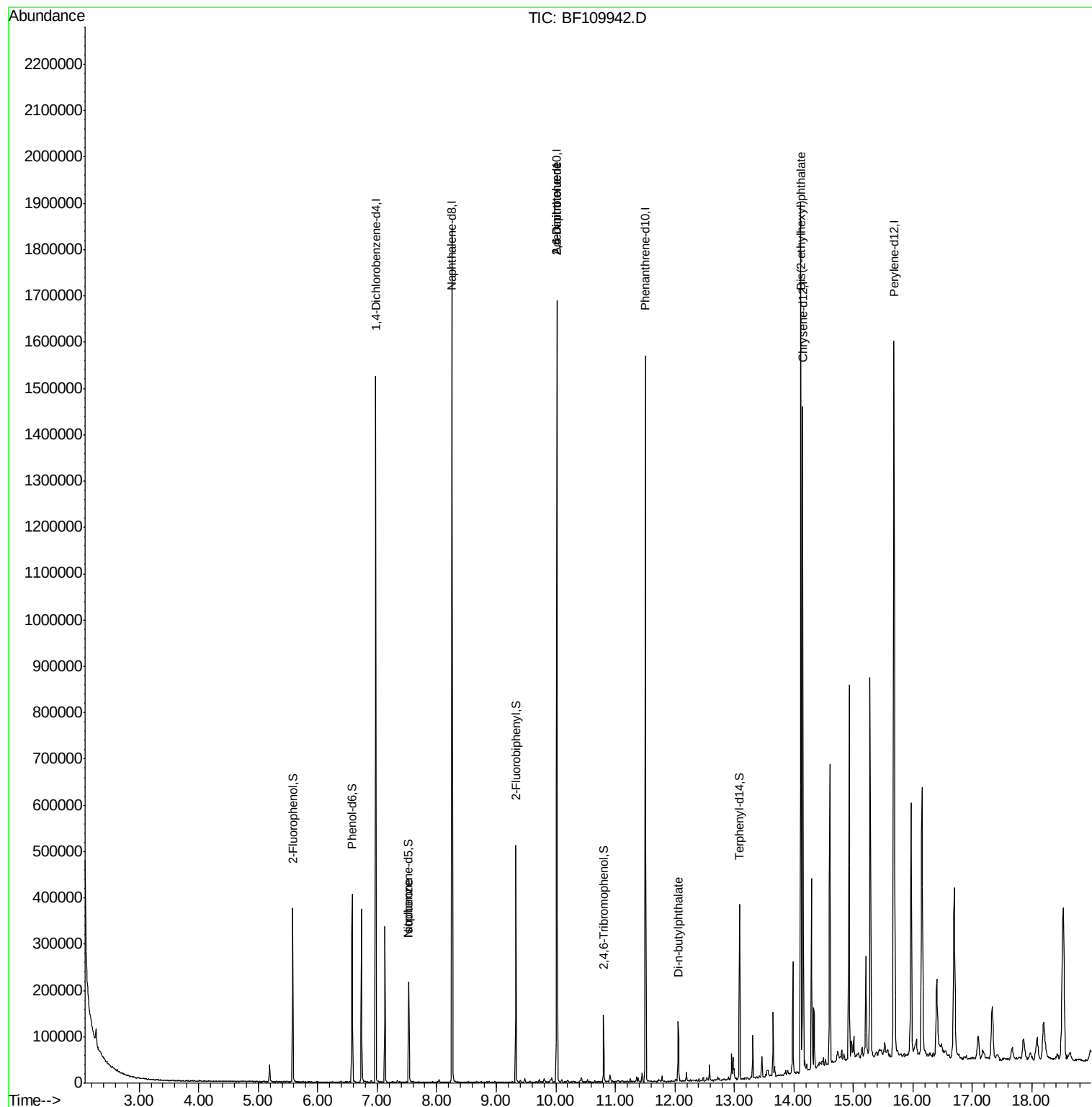
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	197546	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	771522	20.00	ng	-0.01
39) Acenaphthene-d10	10.02	164	321056	20.00	ng	-0.01
64) Phenanthrene-d10	11.51	188	526416	20.00	ng	0.00
76) Chrysene-d12	14.15	240	484591	20.00	ng	-0.01
87) Perylene-d12	15.68	264	470086	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	91110	7.31	ng	-0.02
7) Phenol-d6	6.58	99	122598	7.92	ng	-0.02
23) Nitrobenzene-d5	7.53	82	66534	5.81	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	14706	5.29	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	149311	7.42	ng	-0.01
79) Terphenyl-d14	13.09	244	122035	5.29	ng	-0.02
Target Compounds						
25) Isophorone	7.53	82	66532	2.956	ng	# 67
51) 2,6-Dinitrotoluene	10.02	165	40243	9.320	ng	# 23
57) 2,4-Dinitrotoluene	10.02	165	40243	11.257	ng	# 19
74) Di-n-butylphthalate	12.06	149	60964	2.029	ng	# 98
84) Bis(2-ethylhexyl)phthalate	14.12	149	522165	27.578	ng	# 95

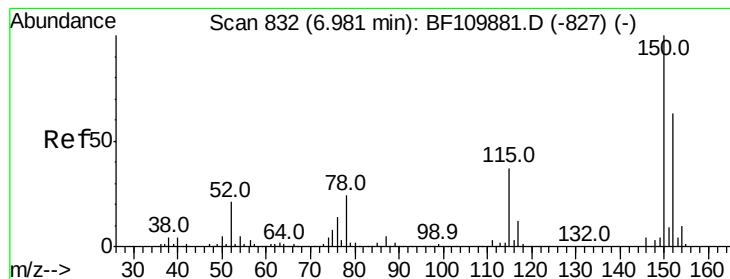
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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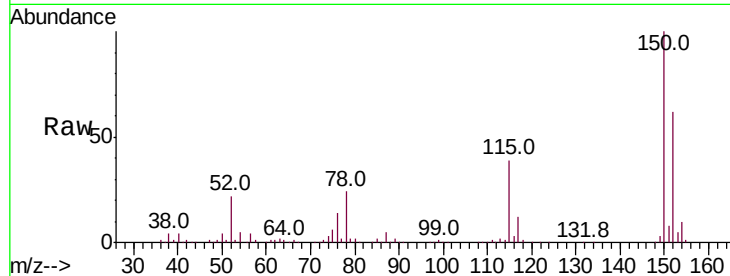


#1

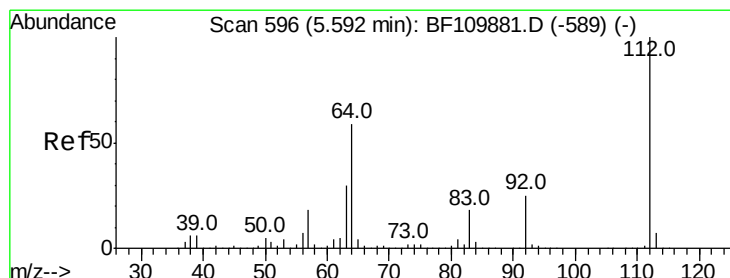
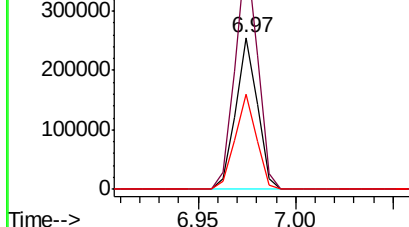
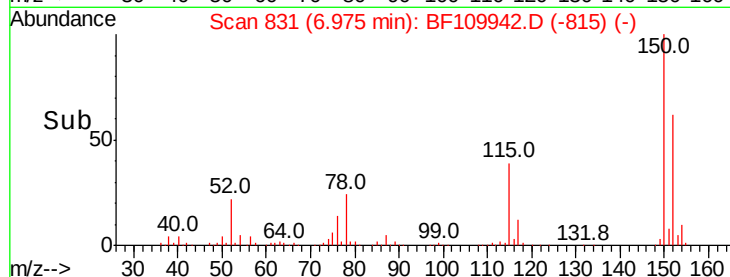
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109942.D
Acq: 18 Oct 2018 1:17

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	122.7	184.1
115	62.2	49.1	73.7



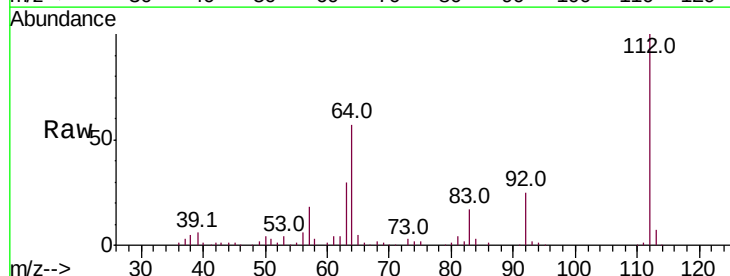
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



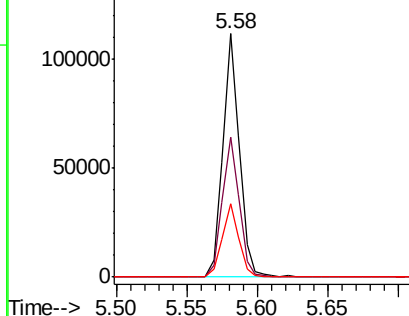
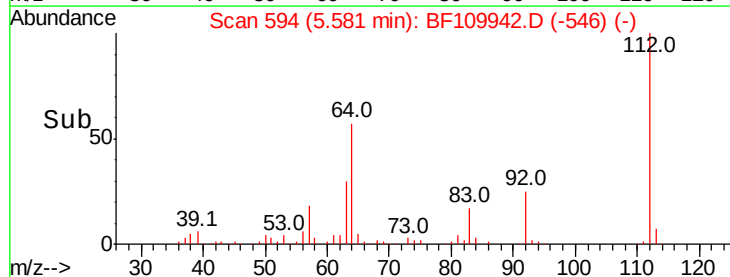
#5

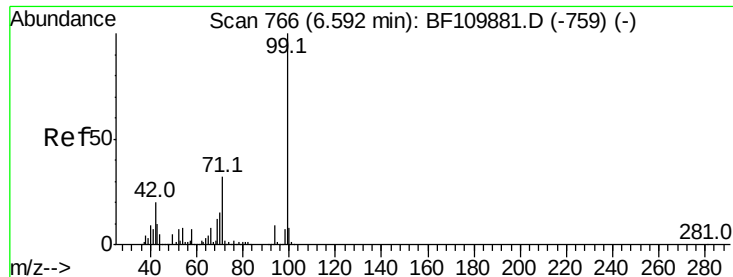
2-Fluorophenol
Concen: 7.311 ng
RT: 5.58 min Scan# 594
Delta R.T. -0.02 min
Lab File: BF109942.D
Acq: 18 Oct 2018 1:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.2	44.1	66.1
63	30.2	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: 7.922 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF109942.D

Acq: 18 Oct 2018 1:17

Instrument :

BNA_F

ClientSampleId :

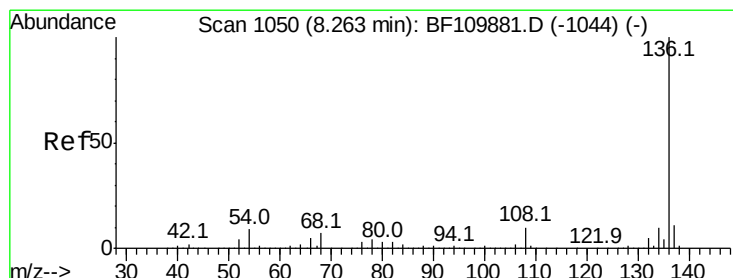
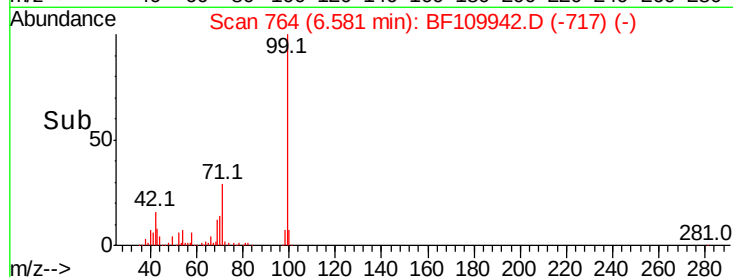
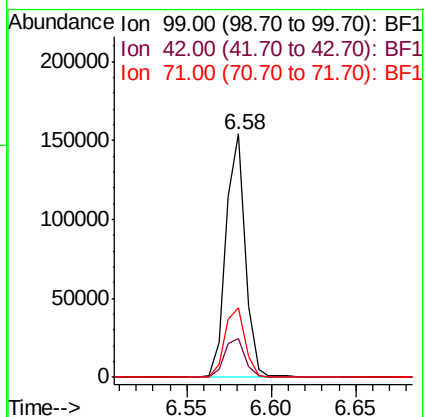
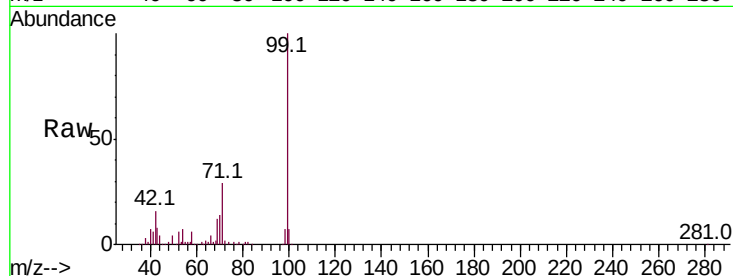
Tot Ion: 99 Resp: 122598

Ion Ratio Lower Upper

99 100

42 16.2 15.8 23.6

71 28.6 28.0 42.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. -0.01 min

Lab File: BF109942.D

Acq: 18 Oct 2018 1:17

Tgt Ion: 136 Resp: 771522

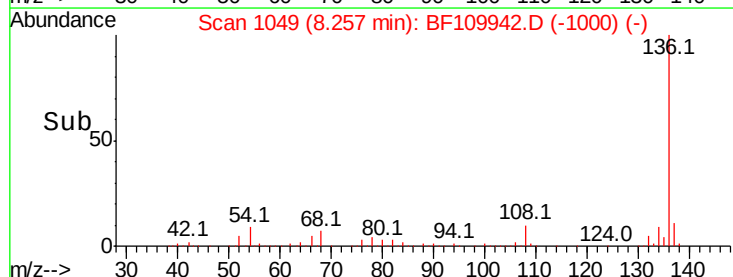
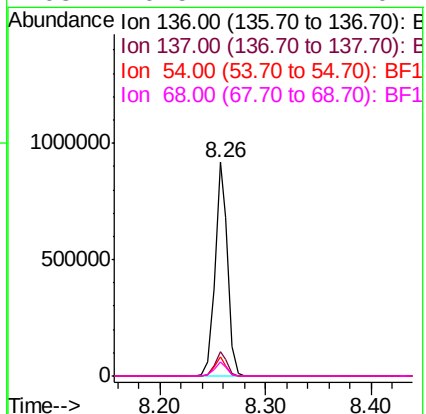
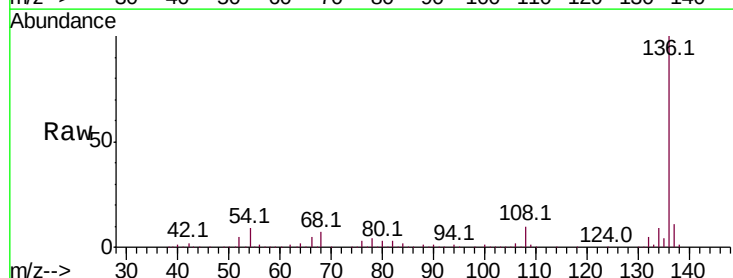
Ion Ratio Lower Upper

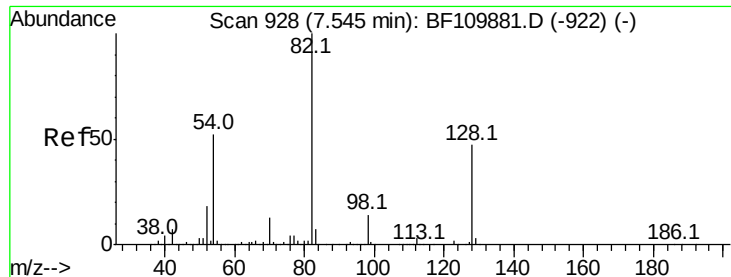
136 100

137 11.1 8.8 13.2

54 8.8 5.4 8.2#

68 6.5 4.2 6.2#

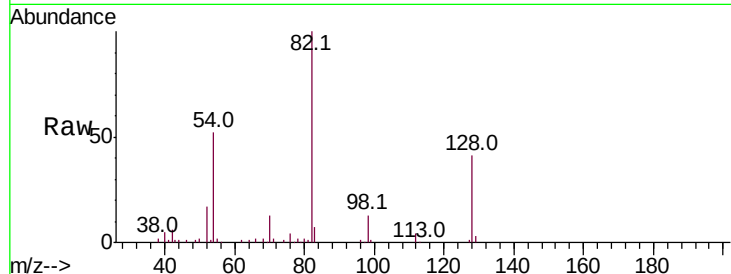




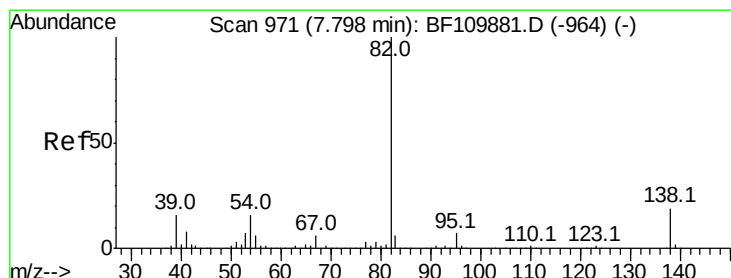
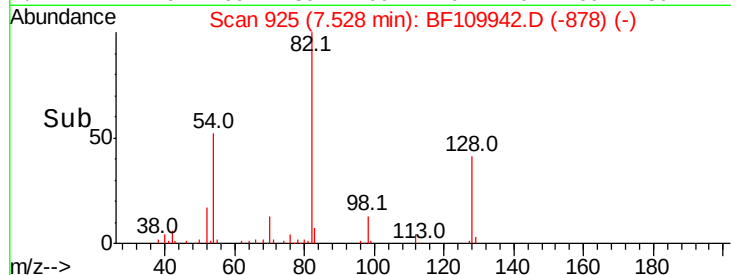
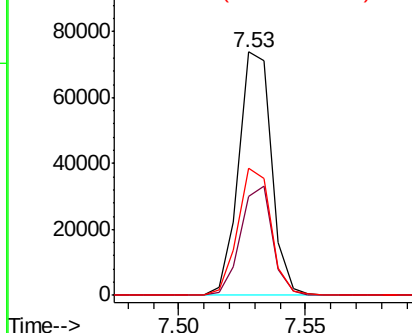
#23
Nitrobenzene-d5
Concen: 5.809 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF109942.D
Acq: 18 Oct 2018 1:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	66534
Ion Ratio	Lower	Upper	
82	100		
128	40.6	34.2	51.2
54	52.1	38.6	58.0

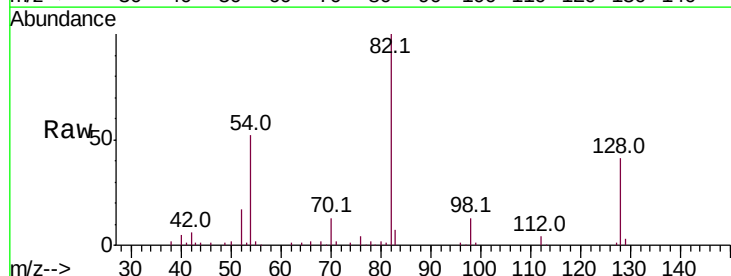


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

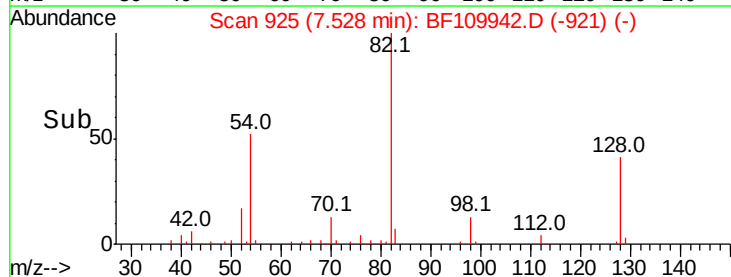
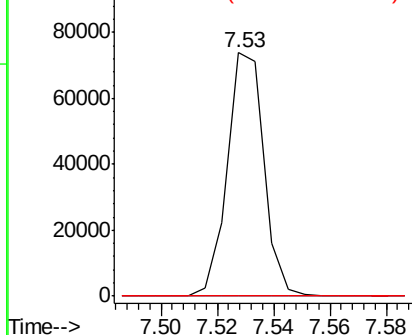


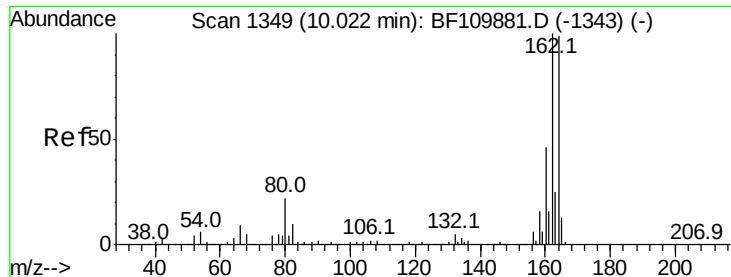
#25
Isophorone
Concen: 2.956 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.28 min
Lab File: BF109942.D
Acq: 18 Oct 2018 1:17

Tgt Ion	82	Resp	66532
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#



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

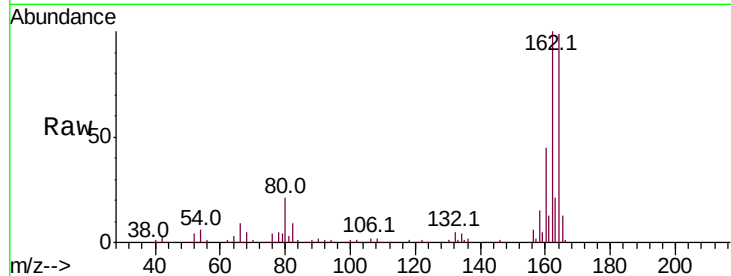




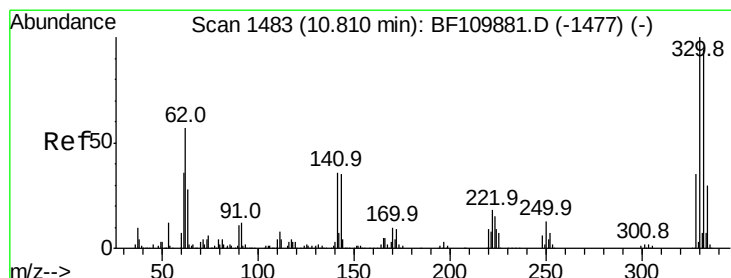
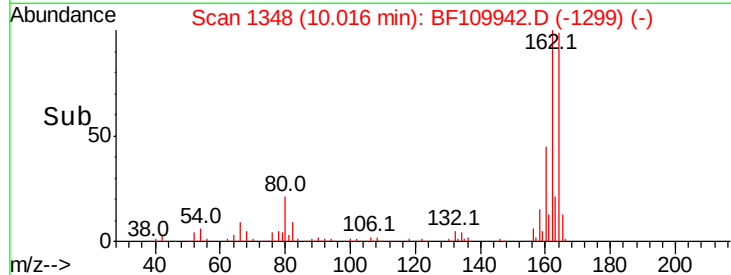
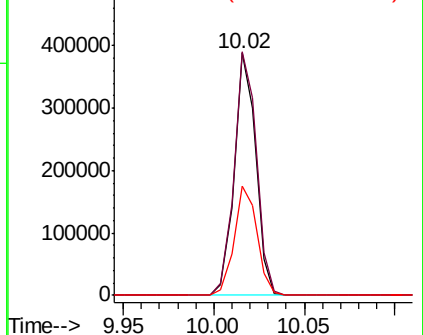
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.01 min
 Lab File: BF109942.D
 Acq: 18 Oct 2018 1:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:164 Resp: 321056
 Ion Ratio Lower Upper
 164 100
 162 100.7 83.0 124.6
 160 45.3 37.0 55.6

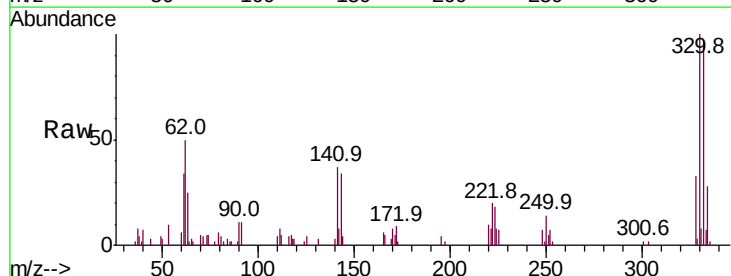


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

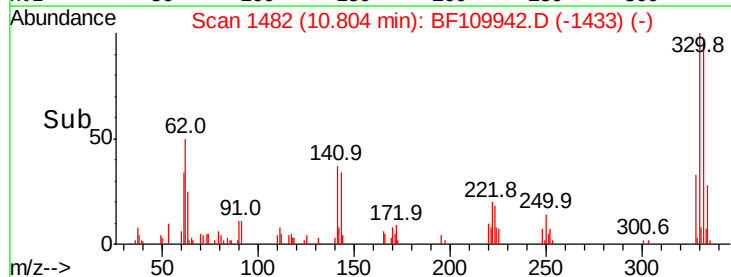
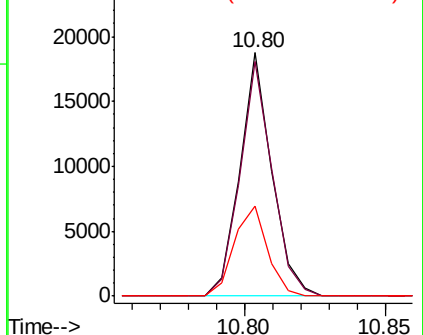


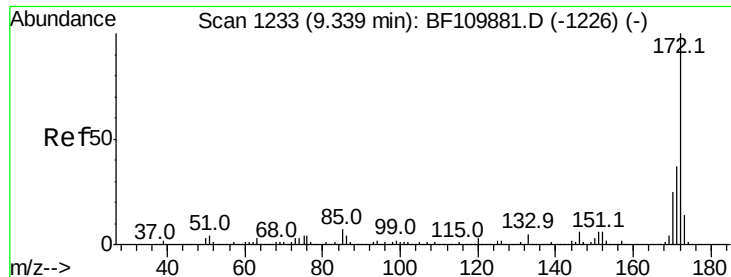
#42
 2,4,6-Tribromophenol
 Concen: 5.291 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF109942.D
 Acq: 18 Oct 2018 1:17

Tgt Ion:330 Resp: 14706
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.1 115.7
 141 38.6 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

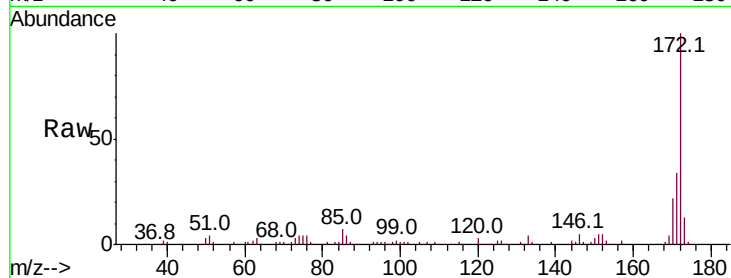




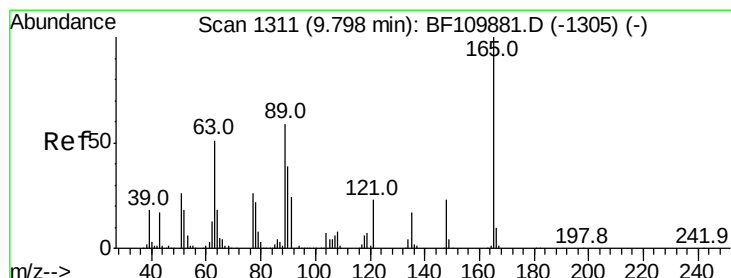
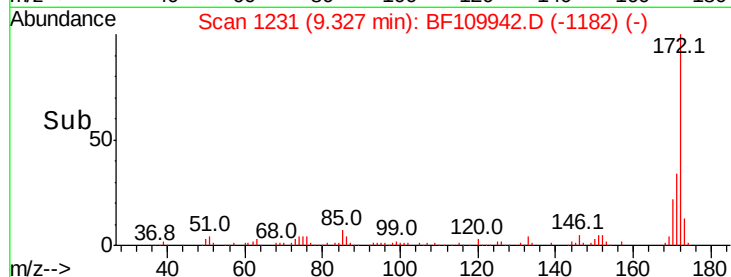
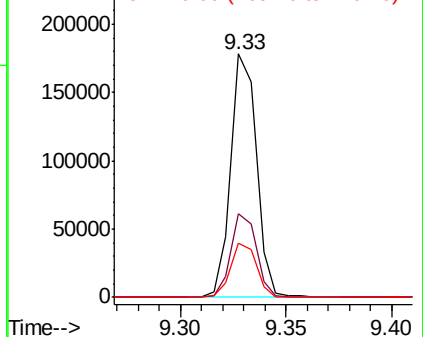
#45
2-Fluorobiphenyl
Concen: 7.421 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF109942.D
Acq: 18 Oct 2018 1:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 149311
Ion Ratio Lower Upper
172 100
171 34.4 28.6 43.0
170 22.0 19.7 29.5

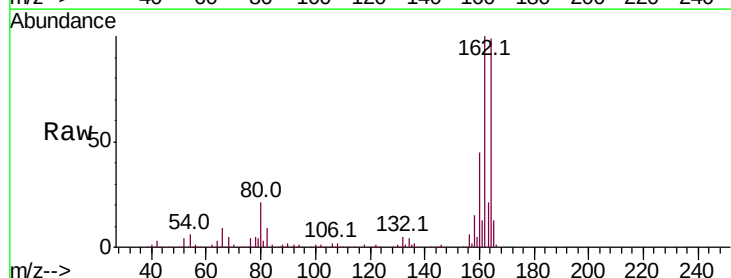


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

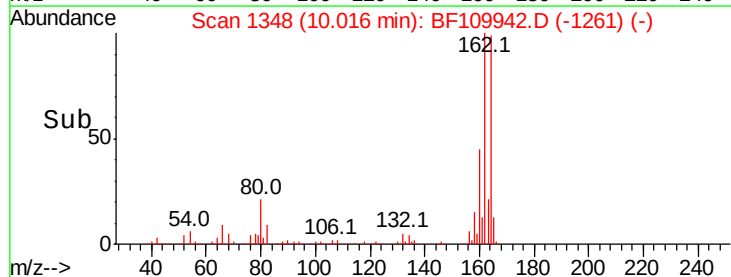
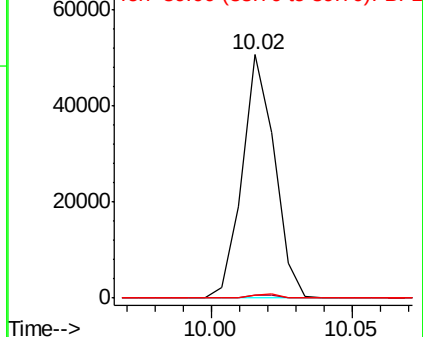


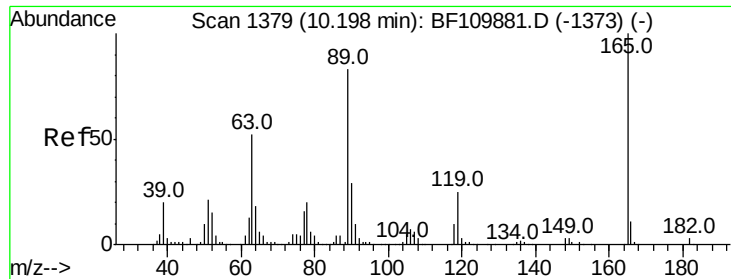
#51
2,6-Dinitrotoluene
Concen: 9.320 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.21 min
Lab File: BF109942.D
Acq: 18 Oct 2018 1:17

Tgt Ion:165 Resp: 40243
Ion Ratio Lower Upper
165 100
63 1.3 48.9 73.3#
89 1.3 46.6 69.8#



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

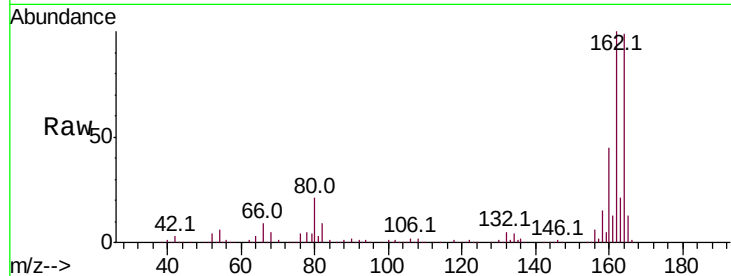




#57
 2,4-Dinitrotoluene
 Concen: 11.257 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.19 min
 Lab File: BF109942.D
 Acq: 18 Oct 2018 1:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.8	67.2#
89	1.3	62.2	93.4#
182	0.0	2.1	3.1#



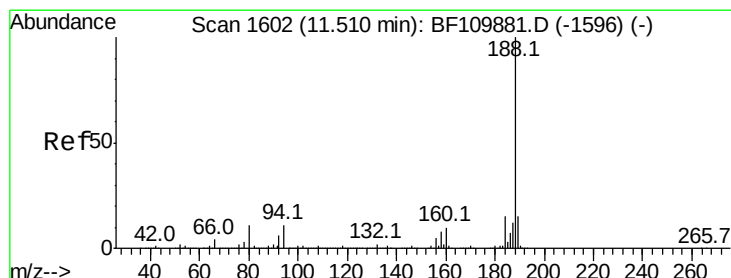
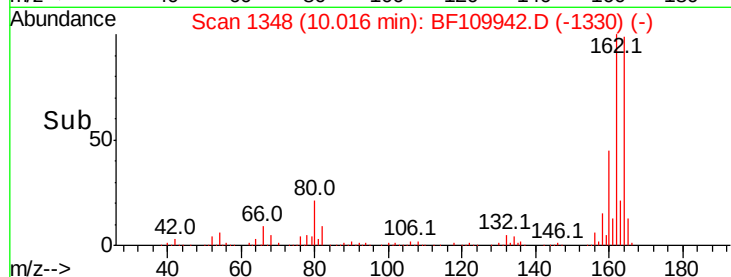
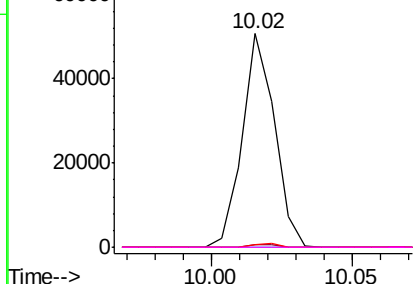
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

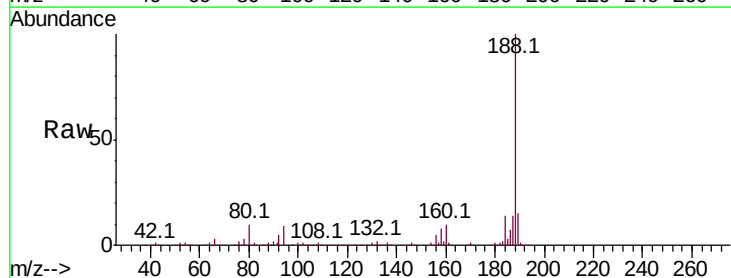
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. -0.01 min
 Lab File: BF109942.D
 Acq: 18 Oct 2018 1:17

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.2	10.8
80	9.8	7.9	11.9

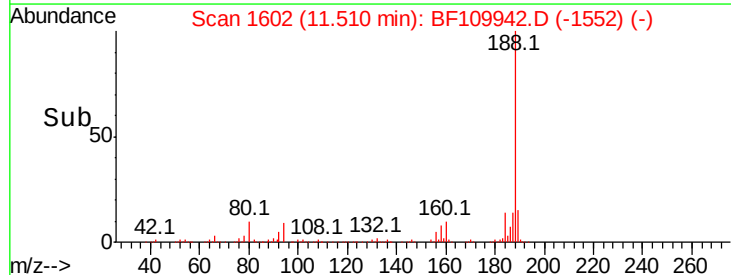
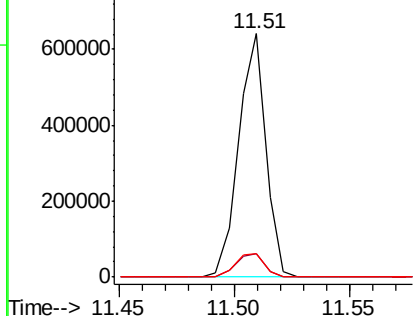


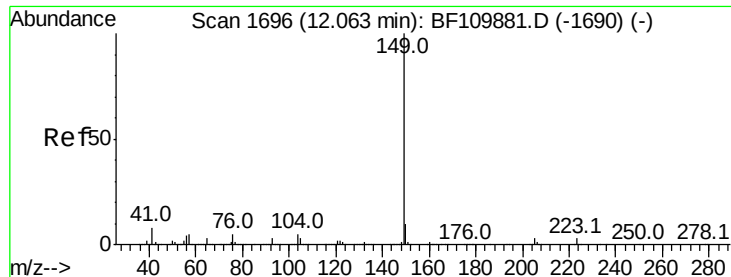
Abundance

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





#74

Di-n-butylphthalate

Concen: 2.029 ng

RT: 12.06 min Scan# 1695

Delta R.T. -0.01 min

Lab File: BF109942.D

Acq: 18 Oct 2018 1:17

Instrument :

BNA_F

ClientSampled :

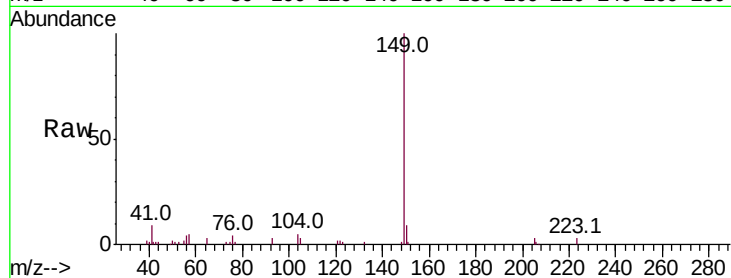
Tot Ion:149 Resp: 60964

Ion Ratio Lower Upper

149 100

150 9.2 7.7 11.5

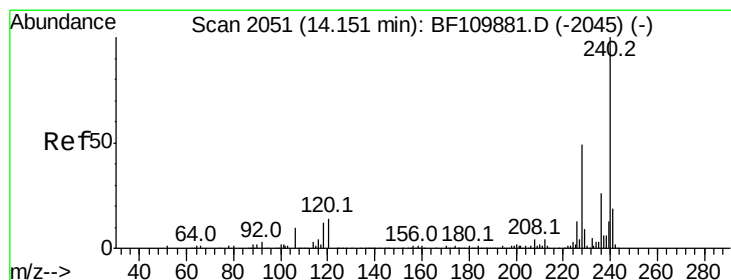
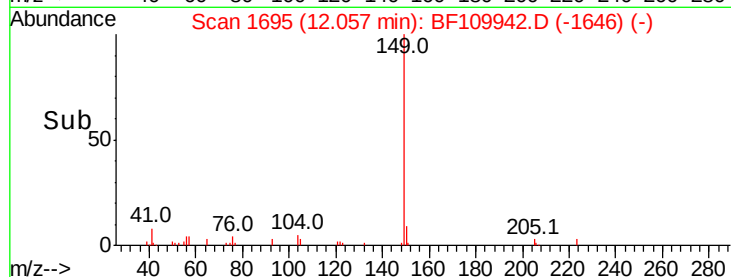
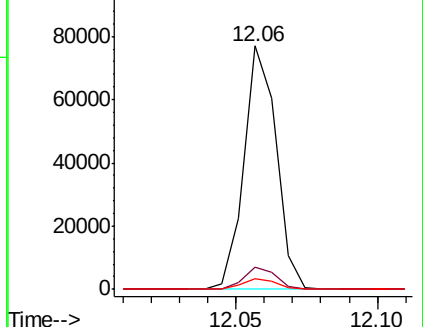
104 4.5 4.2 6.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BF109942.D

Acq: 18 Oct 2018 1:17

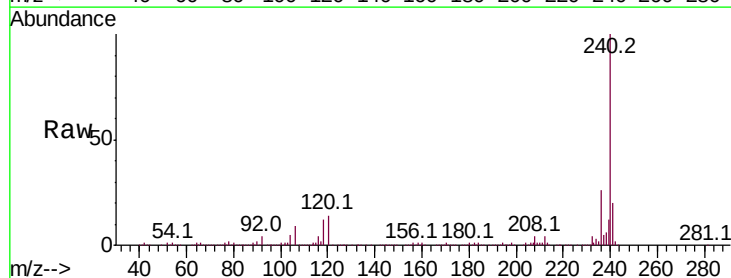
Tgt Ion:240 Resp: 484591

Ion Ratio Lower Upper

240 100

120 13.8 8.3 12.5#

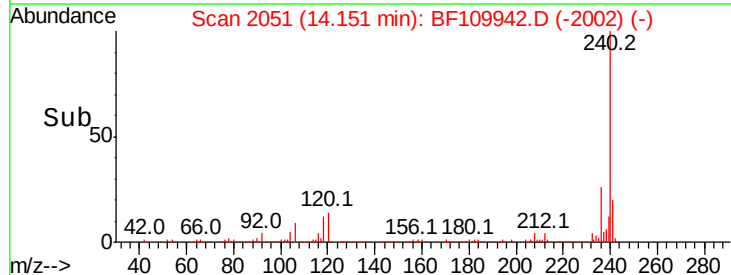
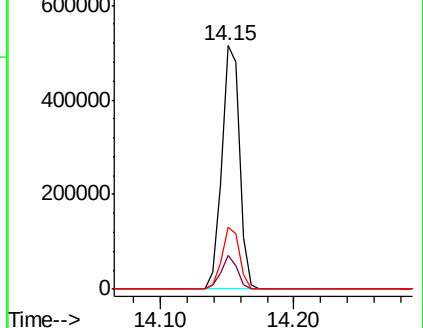
236 25.6 21.2 31.8

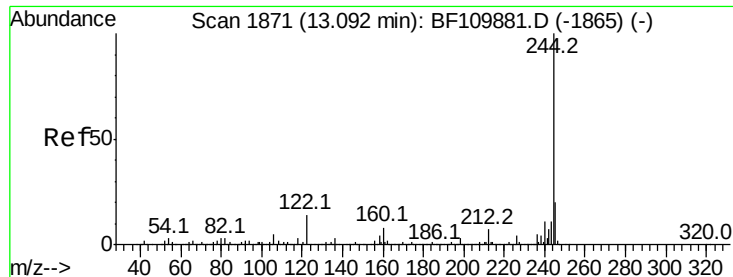


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 5.288 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF109942.D

Acq: 18 Oct 2018 1:17

Instrument :

BNA_F

ClientSampleId :

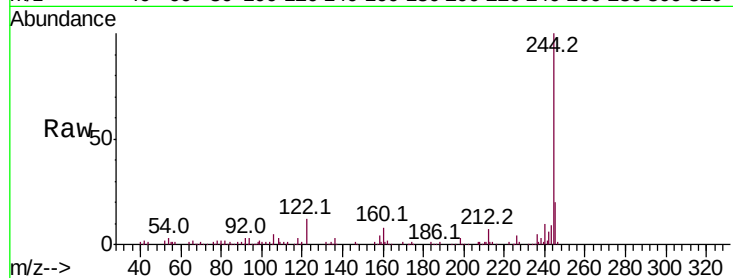
Tot Ion:244 Resp: 122035

Ion Ratio Lower Upper

244 100

212 6.5 5.8 8.8

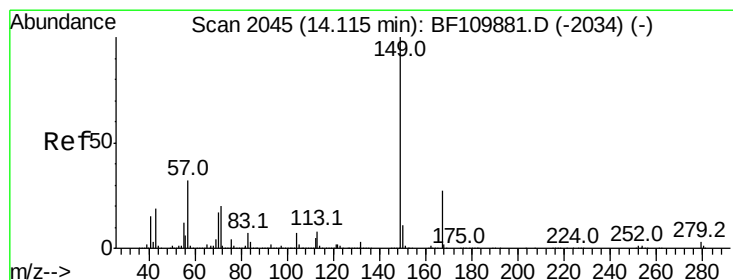
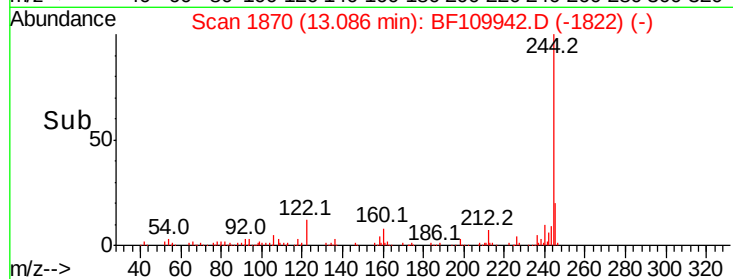
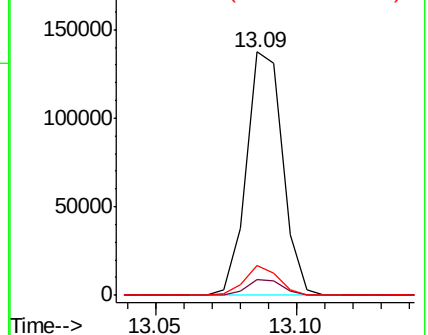
122 12.1 8.7 13.1



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 27.578 ng

RT: 14.12 min Scan# 2046

Delta R.T. -0.01 min

Lab File: BF109942.D

Acq: 18 Oct 2018 1:17

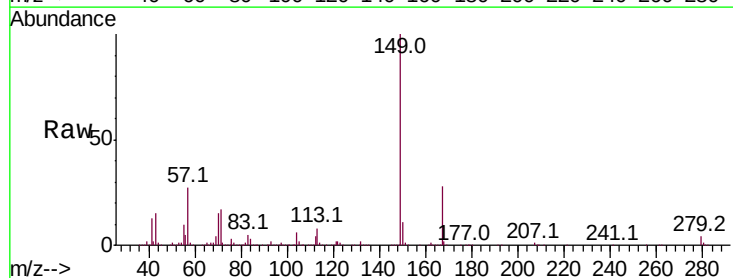
Tgt Ion:149 Resp: 522165

Ion Ratio Lower Upper

149 100

167 27.6 19.8 29.8

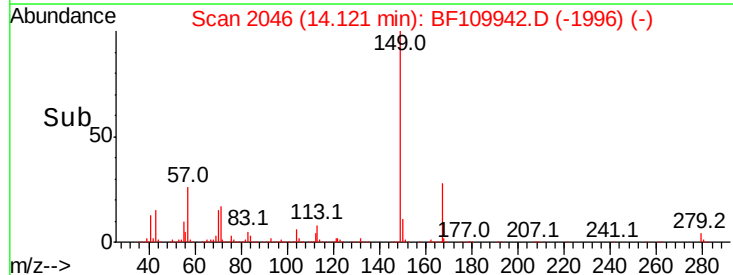
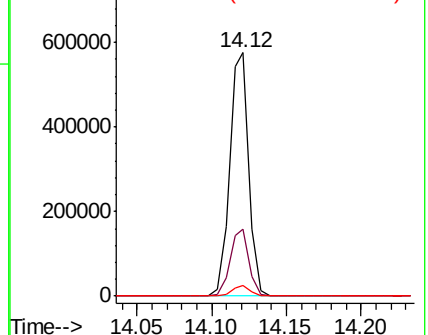
279 4.3 2.7 4.1#

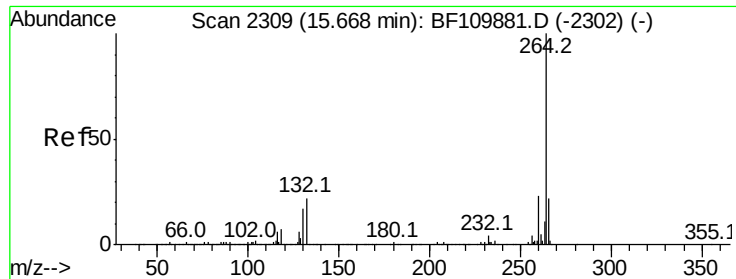


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BF109942.D
Acq: 18 Oct 2018 1:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.9	16.7	25.1

