

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091418\
 Data File : BF109015.D
 Acq On : 15 Sep 2018 00:30
 Operator : JU/SJ
 Sample : J4901-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 091218-TIPC-F-D-B

Quant Time: Sep 15 01:13:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

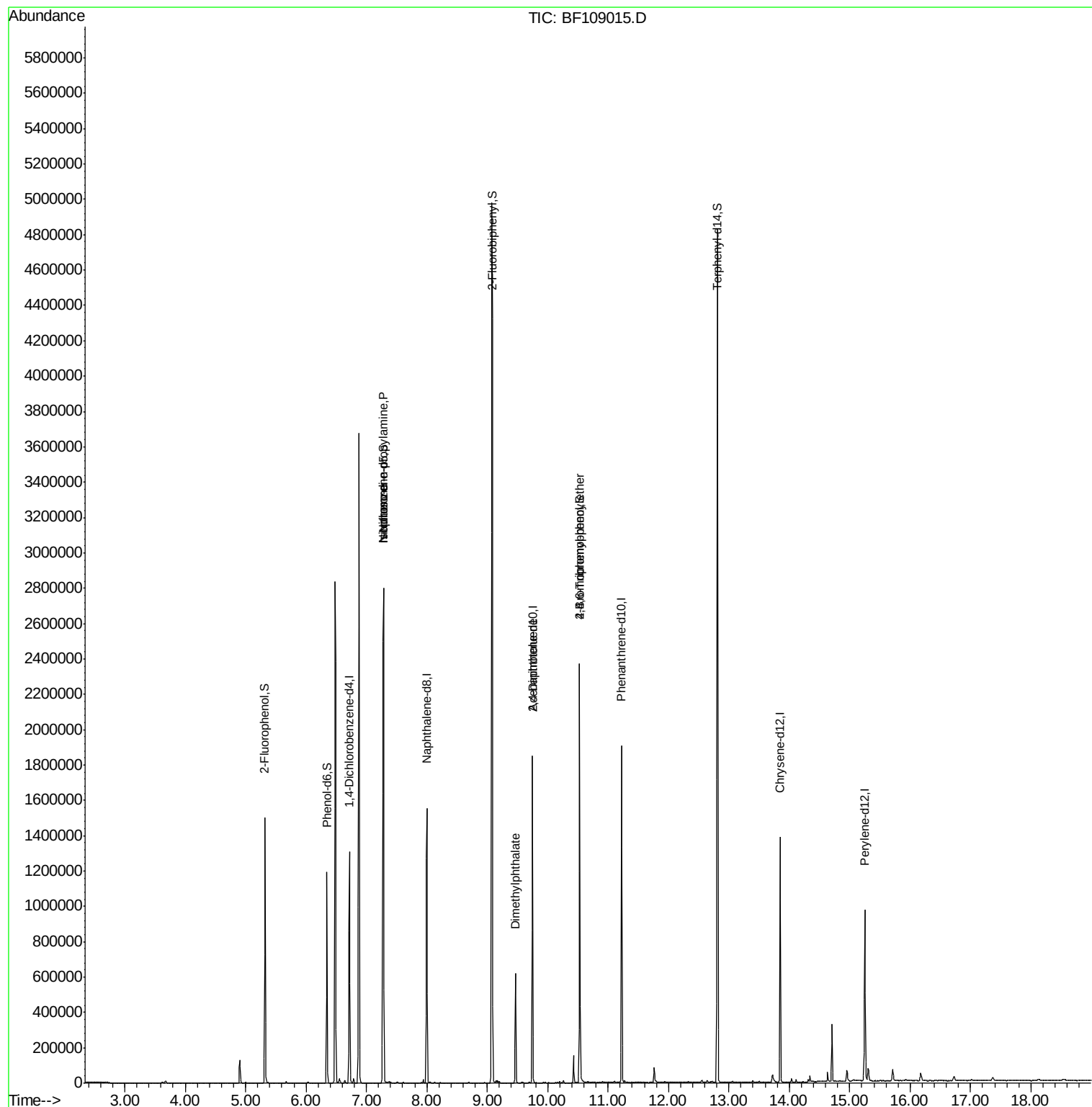
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	176937	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	683116	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	330120	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	653140	20.00	ng	0.00
75) Chrysene-d12	13.85	240	462339	20.00	ng	-0.01
86) Perylene-d12	15.25	264	418671	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	446508	41.91	ng	0.00
7) Phenol-d6	6.34	99	374599	27.27	ng	-0.02
23) Nitrobenzene-d5	7.28	82	1063215	87.30	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	315234	87.99	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1754853	83.28	ng	0.00
78) Terphenyl-d14	12.81	244	1872921	96.02	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	144442	15.908	ng	# 75
25) Isophorone	7.28	82	1055993	50.439	ng	# 64
49) Dimethylphthalate	9.47	163	237099	10.049	ng	99
56) 2,4-Dinitrotoluene	9.75	165	42663	6.234	ng	# 23
66) 4-Bromophenyl-phenylether	10.53	248	19296	2.621	ng	# 1

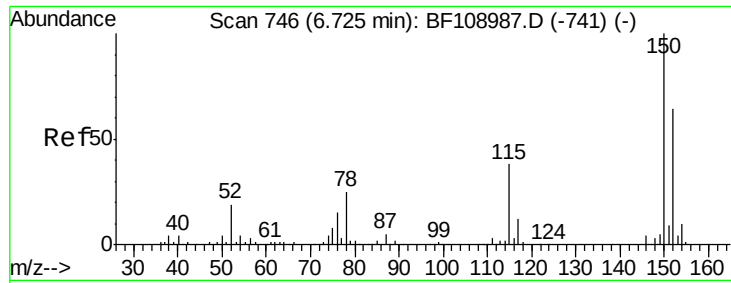
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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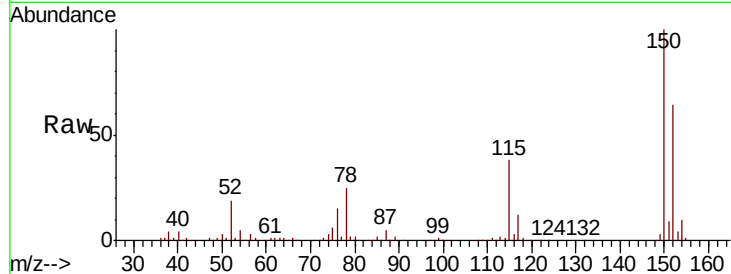


#1

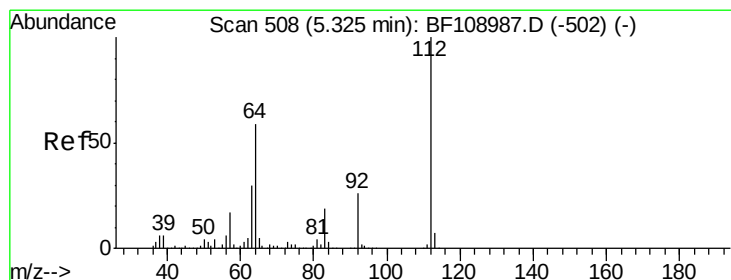
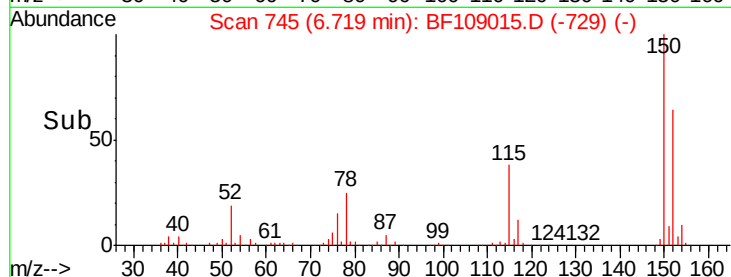
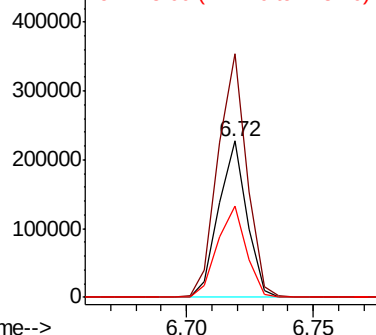
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109015.D
Acq: 15 Sep 2018 00:30

Instrument :
BNA_F
ClientSampleId :
091218-TIPC-F-D-B

Tgt Ion:152 Resp: 176937
Ion Ratio Lower Upper
152 100
150 156.1 124.6 186.8
115 58.9 50.1 75.1



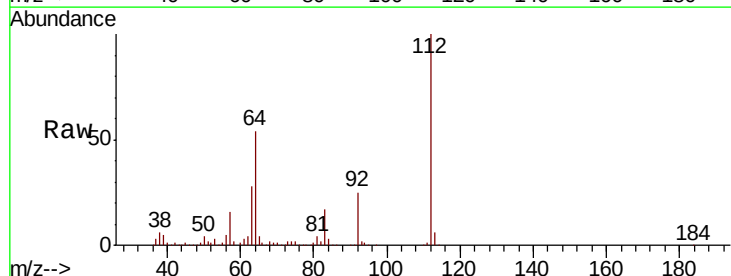
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



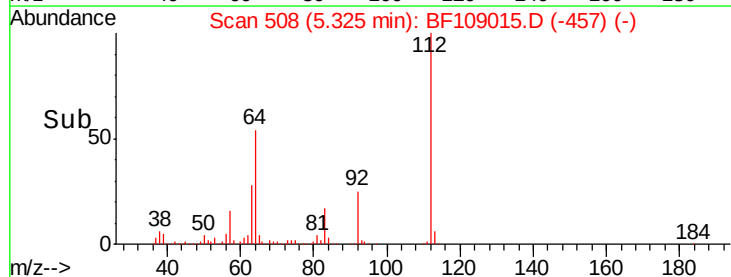
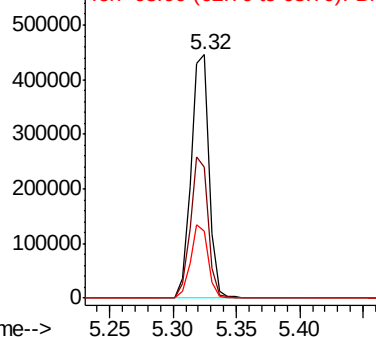
#5

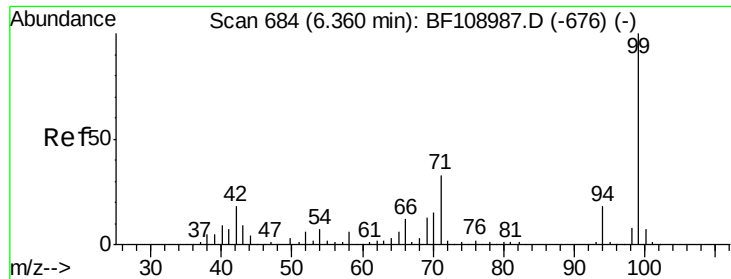
2-Fluorophenol
Concen: 41.913 ng
RT: 5.32 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF109015.D
Acq: 15 Sep 2018 00:30

Tgt Ion:112 Resp: 446508
Ion Ratio Lower Upper
112 100
64 53.7 47.9 71.9
63 27.6 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: 27.270 ng

RT: 6.34 min Scan# 681

Delta R.T. -0.02 min

Lab File: BF109015.D

Acq: 15 Sep 2018 00:30

Instrument :

BNA_F

ClientSampleId :

091218-TIPC-F-D-B

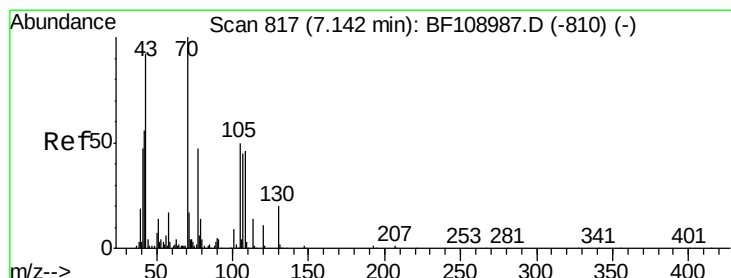
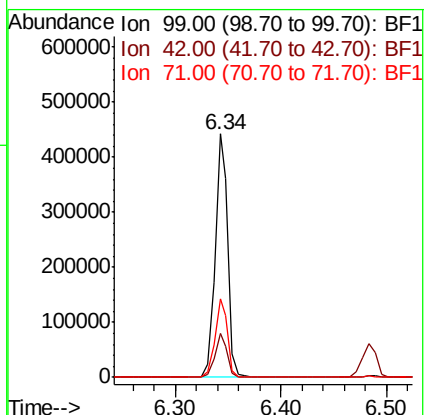
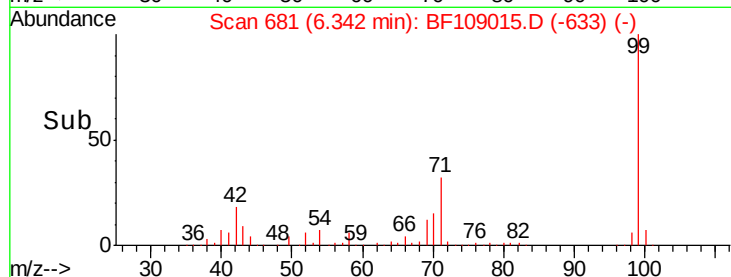
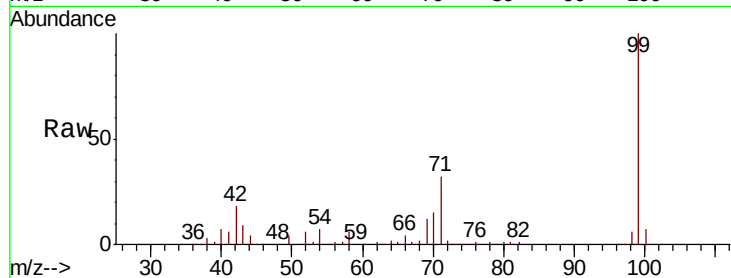
Tgt Ion: 99 Resp: 374599

Ion Ratio Lower Upper

99 100

42 18.2 14.5 21.7

71 32.0 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 15.908 ng

RT: 7.28 min Scan# 841

Delta R.T. 0.14 min

Lab File: BF109015.D

Acq: 15 Sep 2018 00:30

Tgt Ion: 70 Resp: 144442

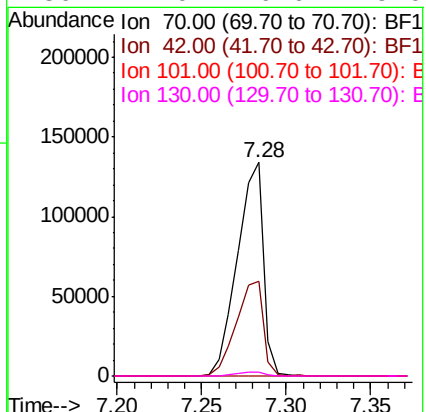
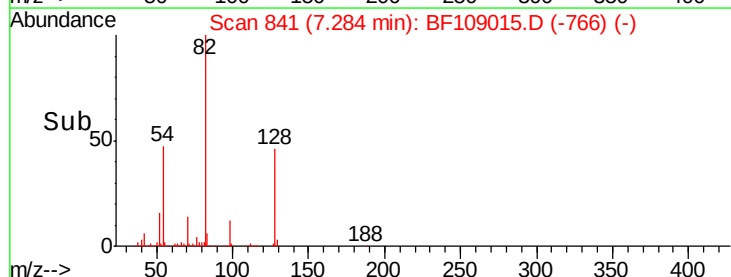
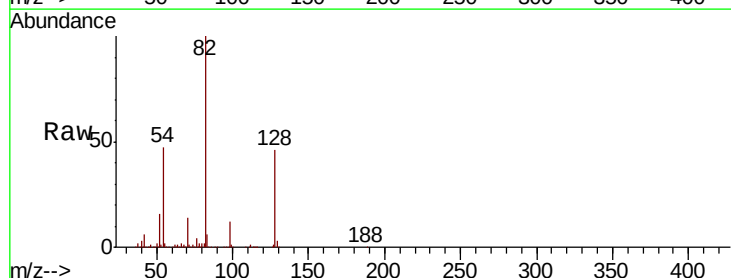
Ion Ratio Lower Upper

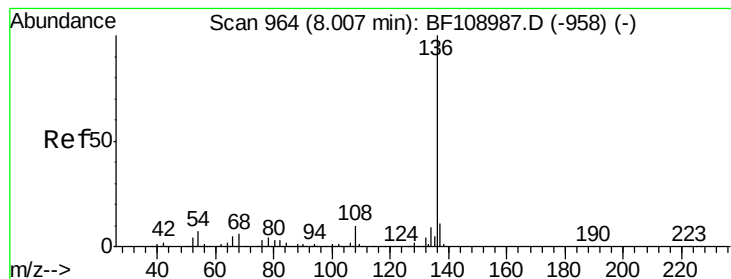
70 100

42 44.6 47.5 71.3#

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF109015.D

Acq: 15 Sep 2018 00:30

Instrument :

BNA_F

ClientSampleId :

091218-TIPC-F-D-B

Tgt Ion:136 Resp: 683116

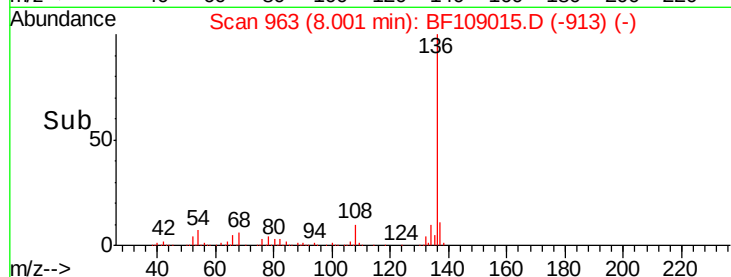
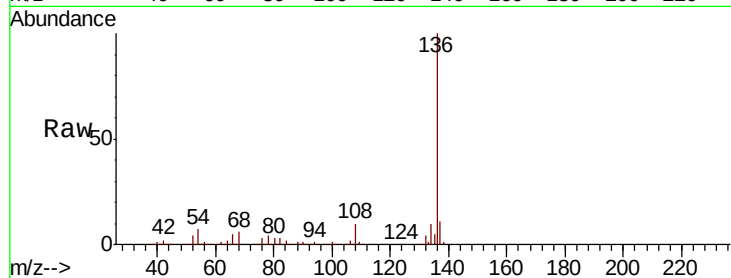
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.2 6.6 9.8

68 6.1 5.0 7.4

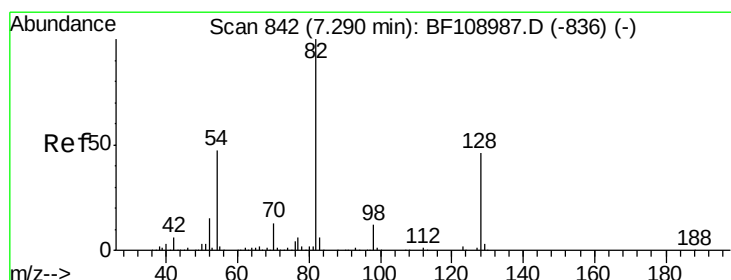
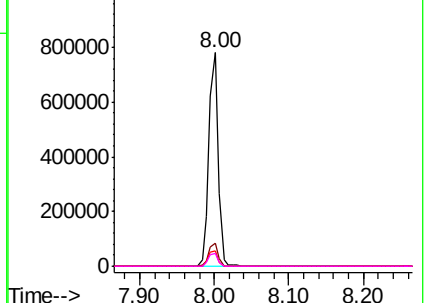


Abundance Ion 136.00 (135.70 to 136.70): E

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: 87.297 ng

RT: 7.28 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF109015.D

Acq: 15 Sep 2018 00:30

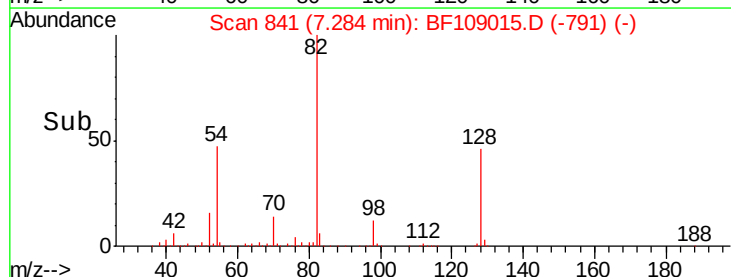
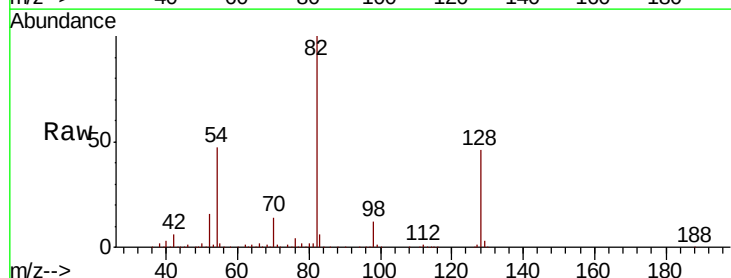
Tgt Ion: 82 Resp: 1063215

Ion Ratio Lower Upper

82 100

128 45.7 36.1 54.1

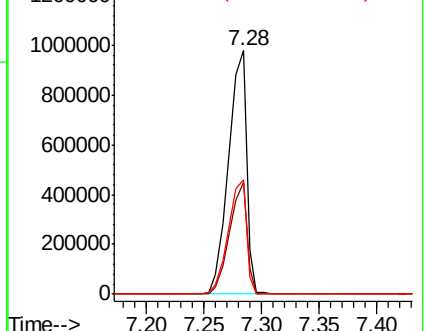
54 47.0 41.4 62.2

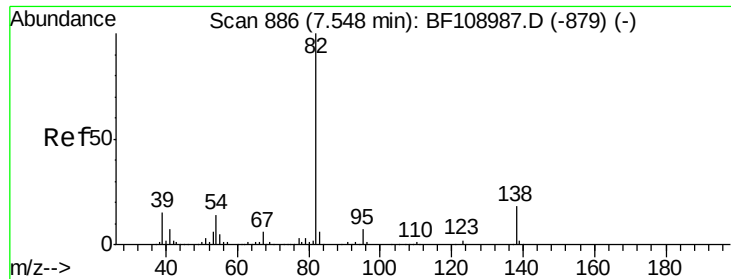


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 50.439 ng

RT: 7.28 min Scan# 841

Delta R.T. -0.26 min

Lab File: BF109015.D

Acq: 15 Sep 2018 00:30

Instrument :

BNA_F

ClientSampleId :

091218-TIPC-F-D-B

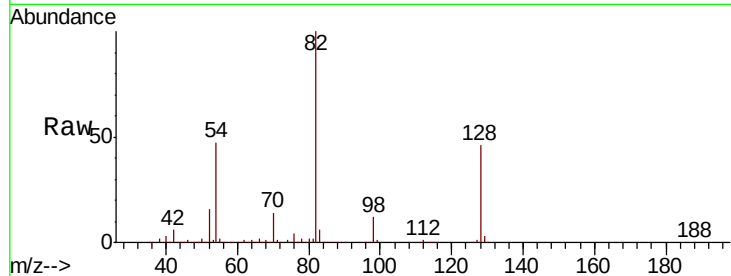
Tgt Ion: 82 Resp: 1055993

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

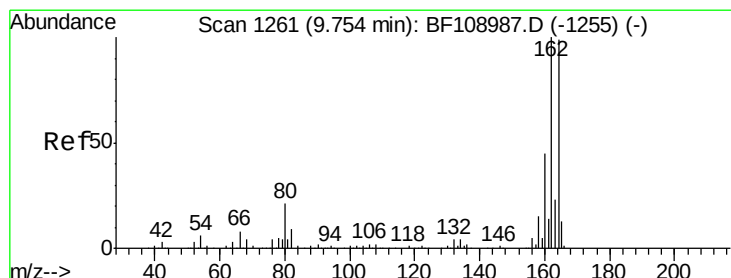
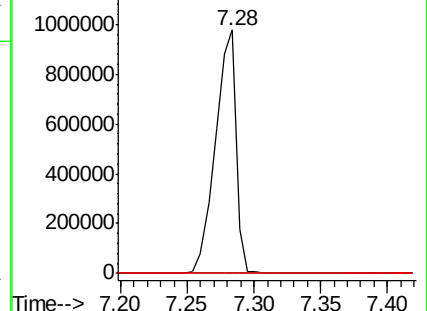
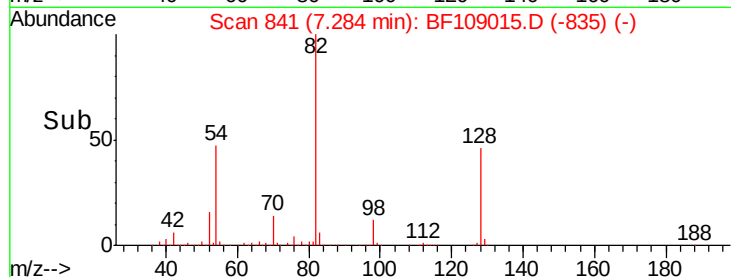
138 0.0 14.9 22.3#



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BF109015.D

Acq: 15 Sep 2018 00:30

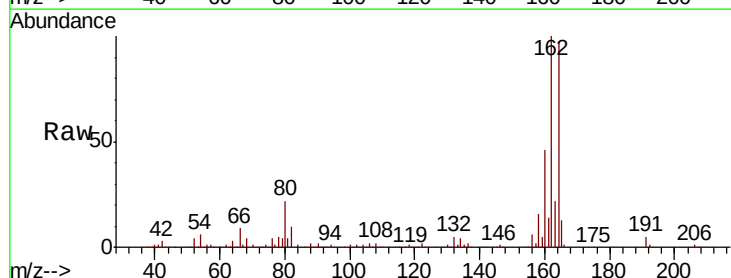
Tgt Ion: 164 Resp: 330120

Ion Ratio Lower Upper

164 100

162 103.0 86.1 129.1

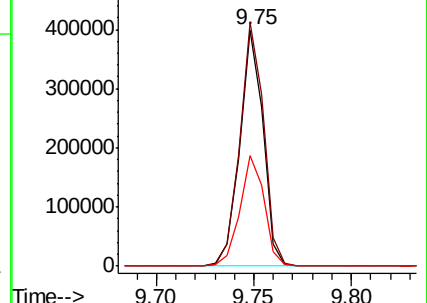
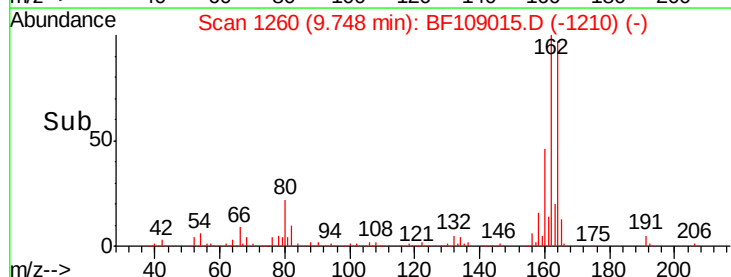
160 46.9 38.3 57.5

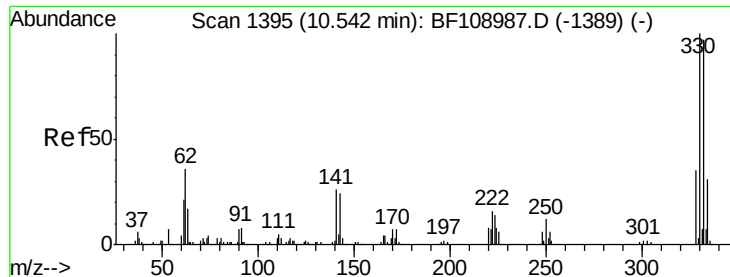


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

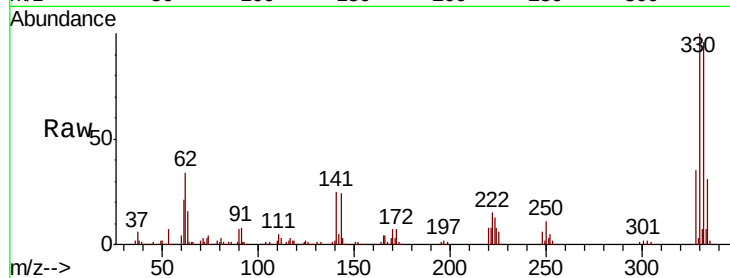




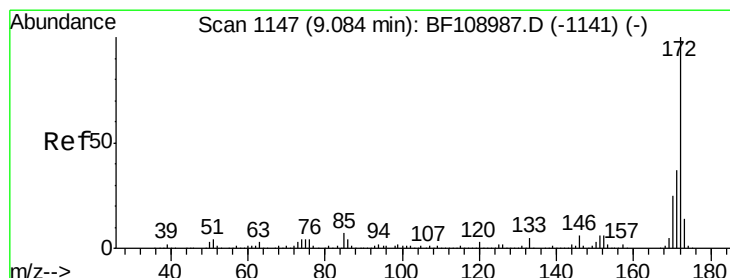
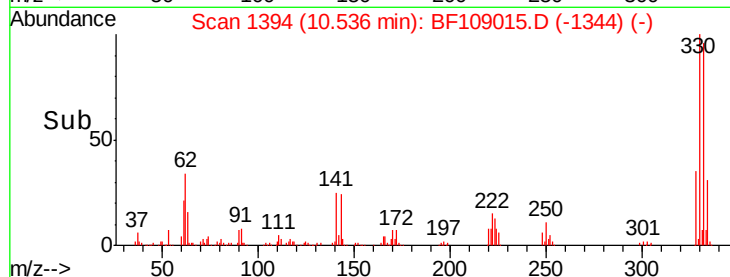
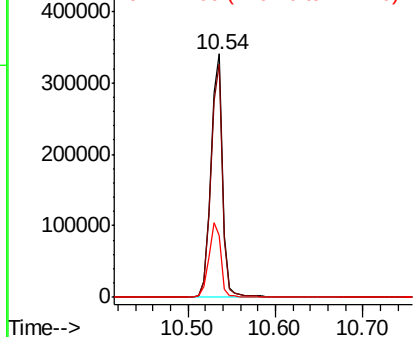
#41
 2,4,6-Tribromophenol
 Concen: 87.988 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109015.D
 Acq: 15 Sep 2018 00:30

Instrument :
 BNA_F
 ClientSampleId :
 091218-TIPC-F-D-B

Tgt Ion:330 Resp: 315234
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 31.7 29.9 44.9

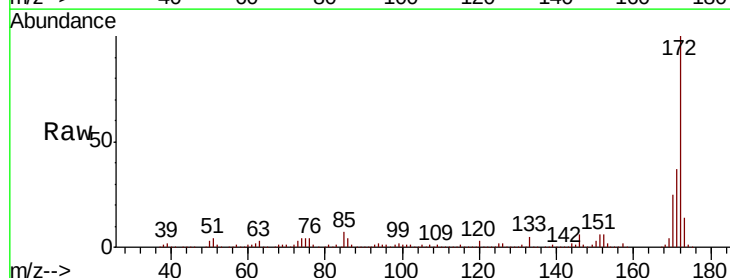


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

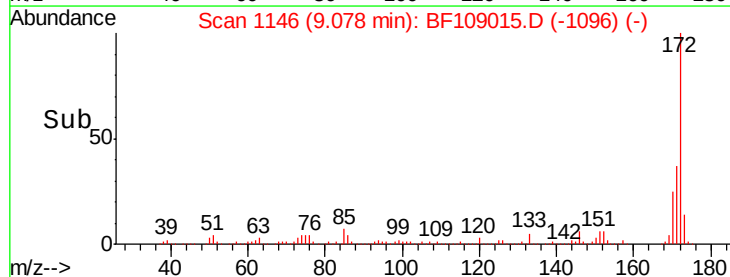
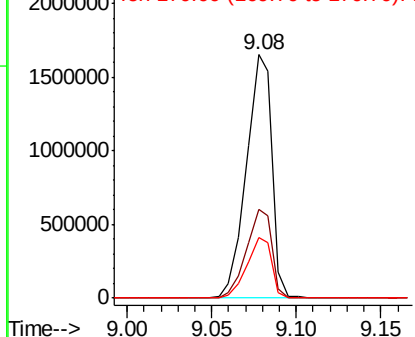


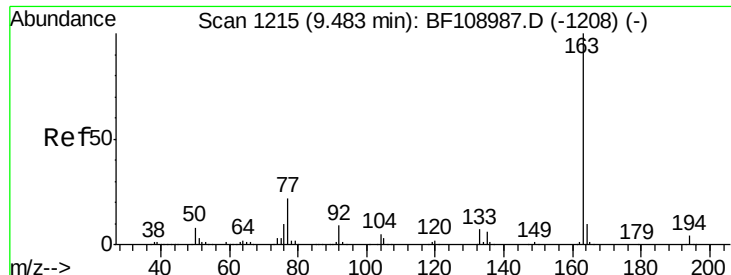
#44
 2-Fluorobiphenyl
 Concen: 83.284 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109015.D
 Acq: 15 Sep 2018 00:30

Tgt Ion:172 Resp: 1754853
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 24.9 19.6 29.4



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

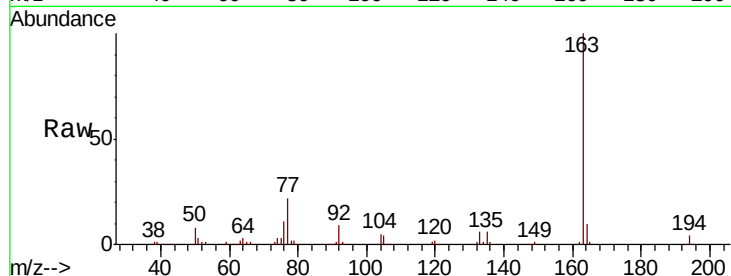




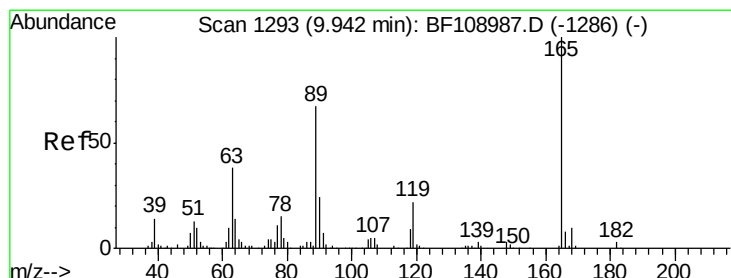
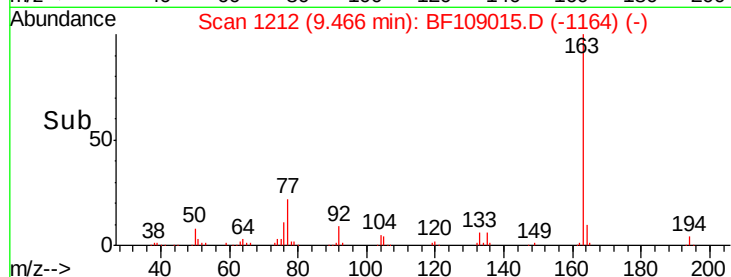
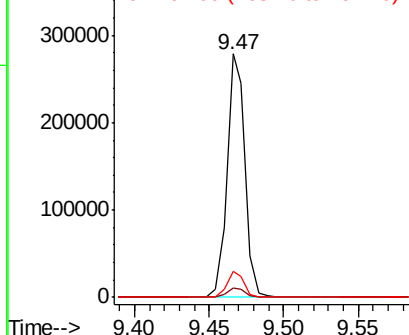
#49
Dimethylphthalate
Concen: 10.049 ng
RT: 9.47 min Scan# 1212
Delta R.T. -0.02 min
Lab File: BF109015.D
Acq: 15 Sep 2018 00:30

Instrument :
BNA_F
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Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.5	8.2	12.2

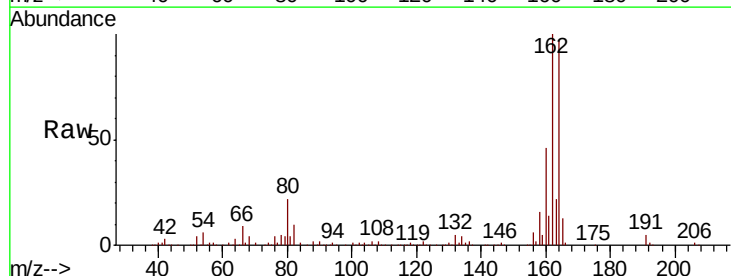


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

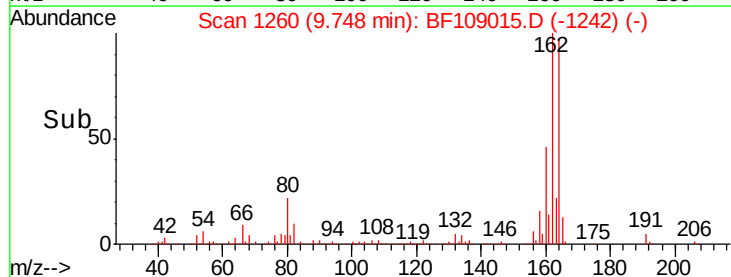
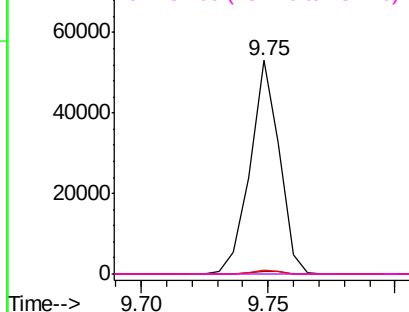


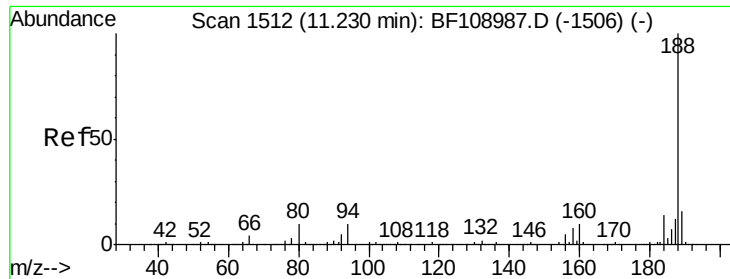
#56
2,4-Dinitrotoluene
Concen: 6.234 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.19 min
Lab File: BF109015.D
Acq: 15 Sep 2018 00:30

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



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

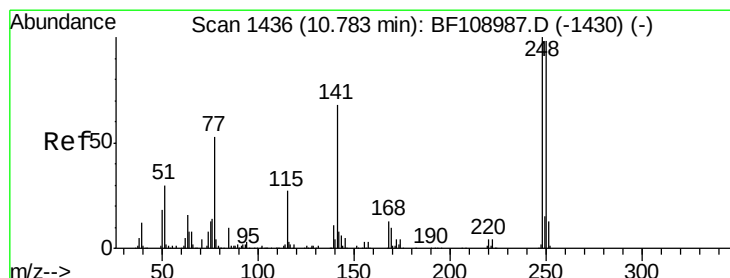
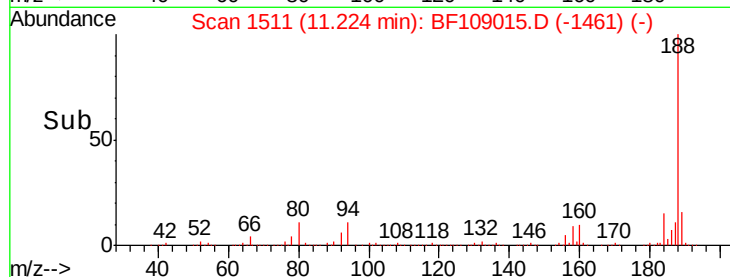
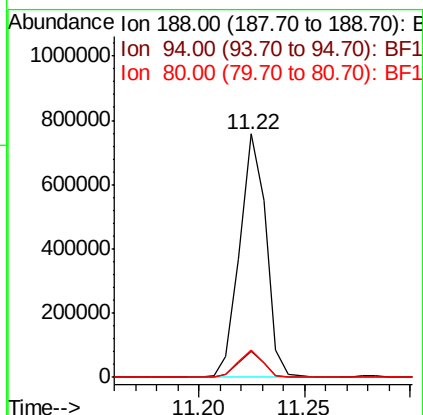
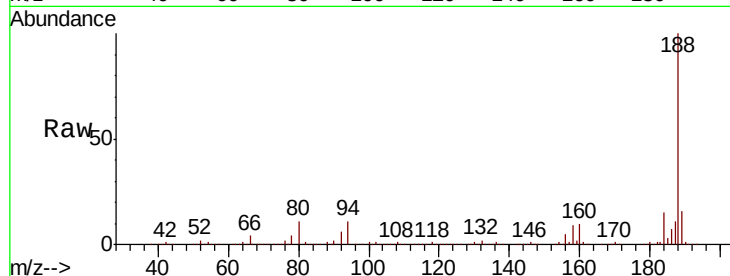




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF109015.D
 Acq: 15 Sep 2018 00:30

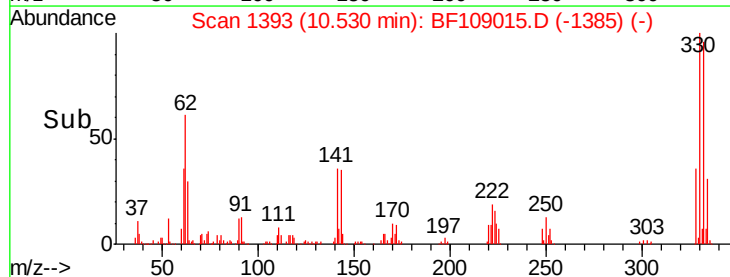
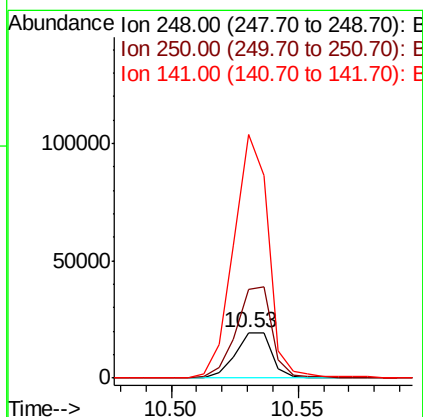
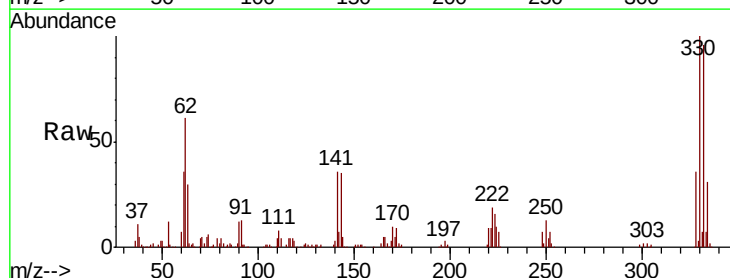
Instrument :
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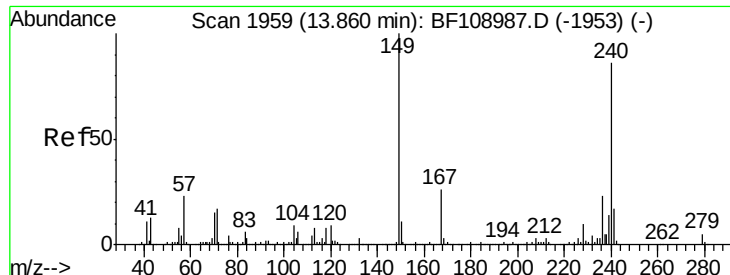
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.5	12.7
80	11.4	9.2	13.8



#66
 4-Bromophenyl-phenylether
 Concen: 2.621 ng
 RT: 10.53 min Scan# 1393
 Delta R.T. -0.25 min
 Lab File: BF109015.D
 Acq: 15 Sep 2018 00:30

Tgt Ion	Ratio	Lower	Upper
248	100		
250	194.8	76.9	115.3#
141	535.3	74.4	111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.85 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BF109015.D

Acq: 15 Sep 2018 00:30

Instrument :

BNA_F

ClientSampleId :

091218-TIPC-F-D-B

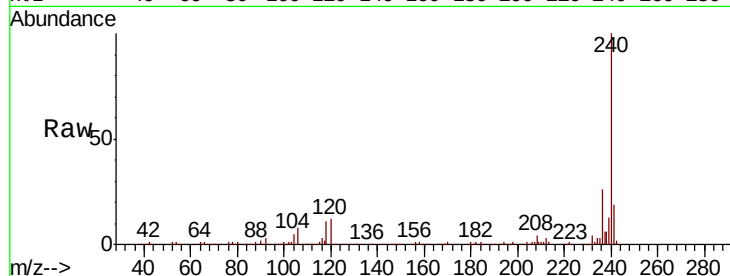
Tgt Ion:240 Resp: 462339

Ion Ratio Lower Upper

240 100

120 12.1 9.5 14.3

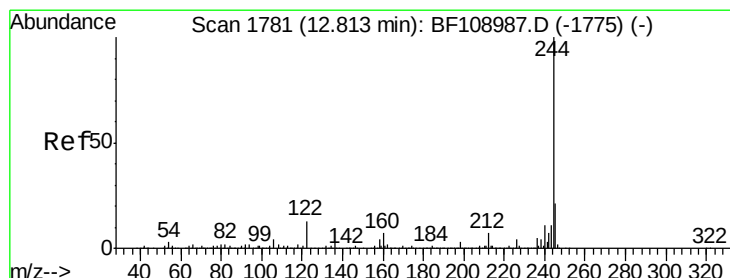
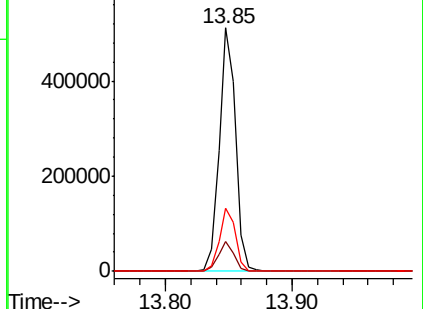
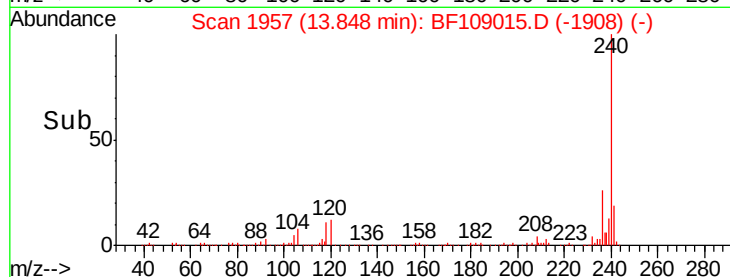
236 25.7 20.7 31.1



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



#78

Terphenyl-d14

Concen: 96.019 ng

RT: 12.81 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BF109015.D

Acq: 15 Sep 2018 00:30

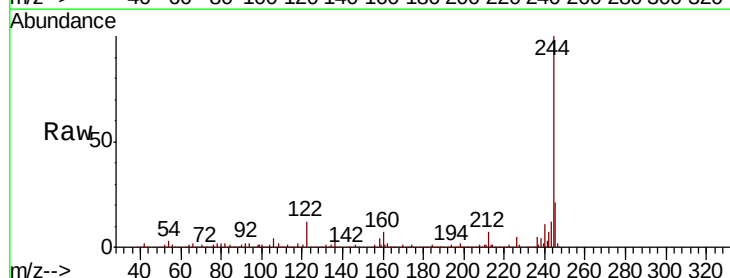
Tgt Ion:244 Resp: 1872921

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

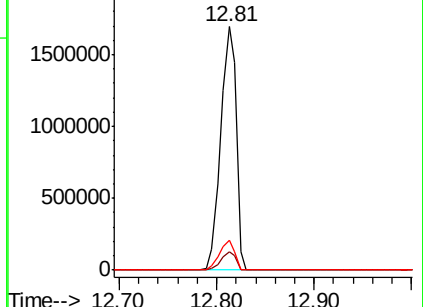
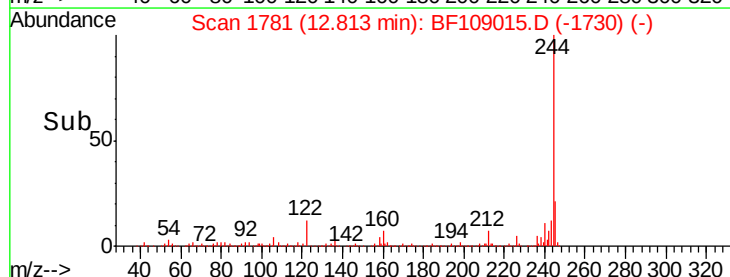
122 12.4 11.0 16.4

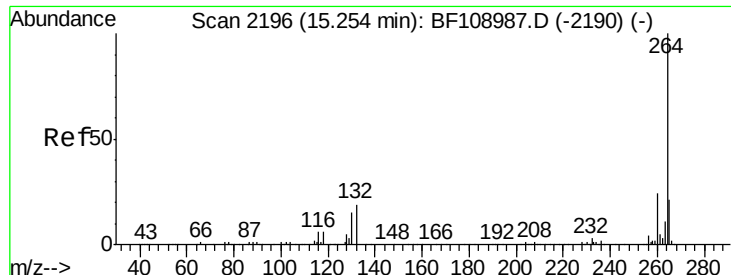


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



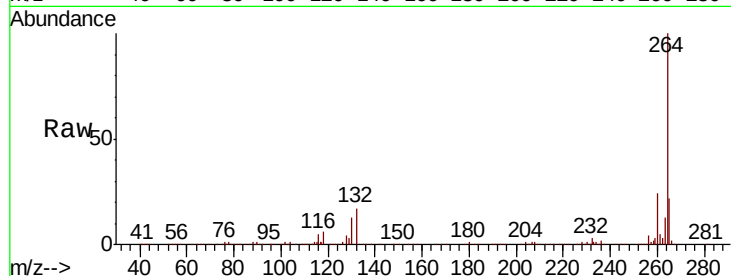


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BF109015.D
Acq: 15 Sep 2018 00:30

Instrument :
BNA_F
ClientSampleId :
091218-TIPC-F-D-B

Tgt Ion: 264 Resp: 418671

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.0	17.5	26.3



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

