

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091918\
 Data File : BF109171.D
 Acq On : 20 Sep 2018 3:43
 Operator : JU/SJ
 Sample : J4984-09
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 091718-TIPC-E-D-M

Quant Time: Sep 20 07:38:01 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

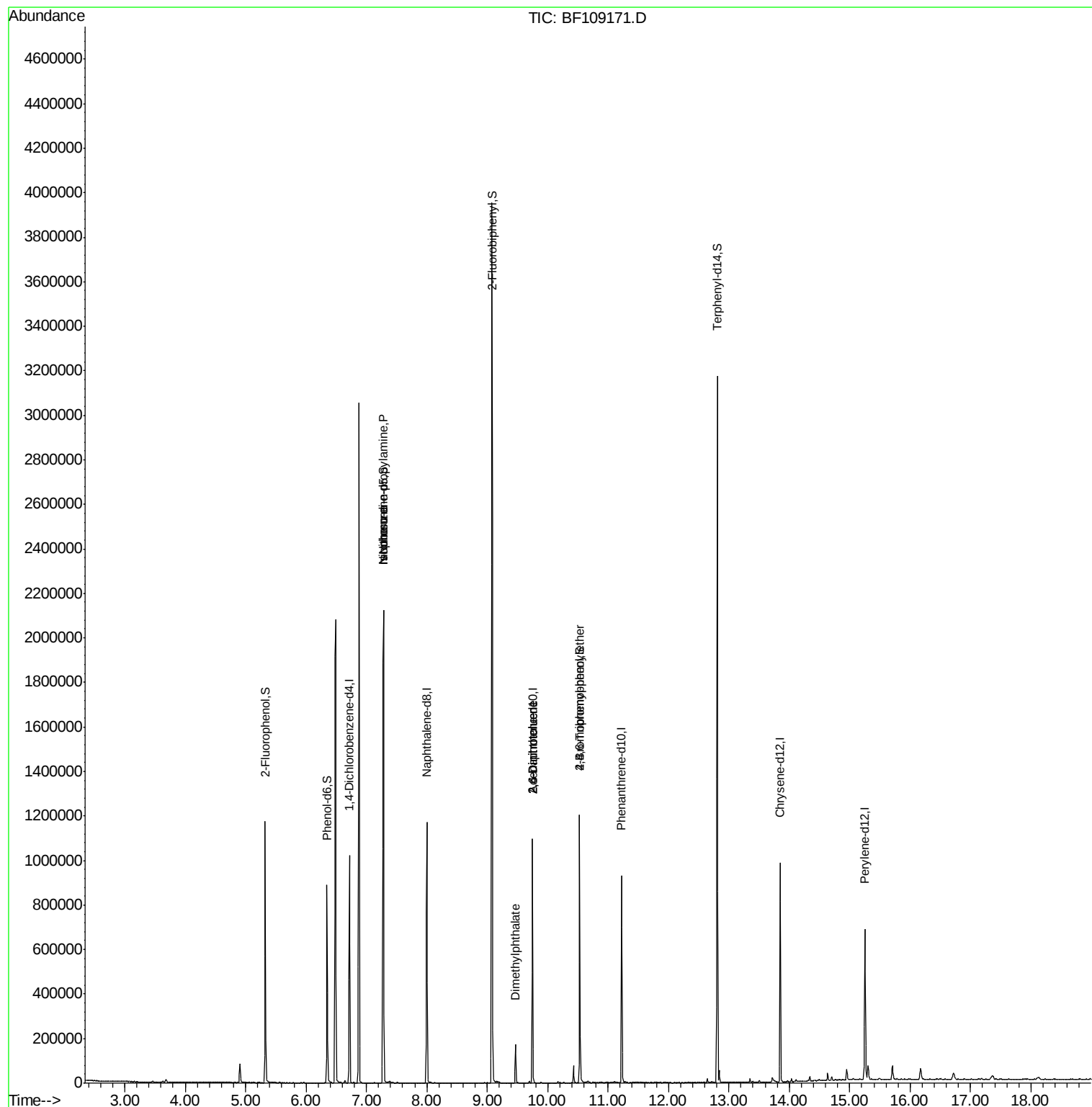
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	136443	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	481379	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	194036	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	328568	20.00	ng	0.00
75) Chrysene-d12	13.85	240	337661	20.00	ng	-0.01
86) Perylene-d12	15.25	264	301628	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	325386	39.61	ng	0.00
7) Phenol-d6	6.35	99	256213	24.19	ng	-0.01
23) Nitrobenzene-d5	7.28	82	744896	86.79	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	144218	68.49	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	1228830	99.22	ng	0.00
78) Terphenyl-d14	12.81	244	1117813	78.47	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	100427	14.343	ng	# 75
25) Isophorone	7.28	82	738510	50.058	ng	# 64
49) Dimethylphthalate	9.47	163	69040	4.978	ng	# 99
50) 2,6-Dinitrotoluene	9.75	165	24361	7.921	ng	# 26
56) 2,4-Dinitrotoluene	9.75	165	24361	6.057	ng	# 23
66) 4-Bromophenyl-phenylether	10.53	248	8765	2.366	ng	# 1

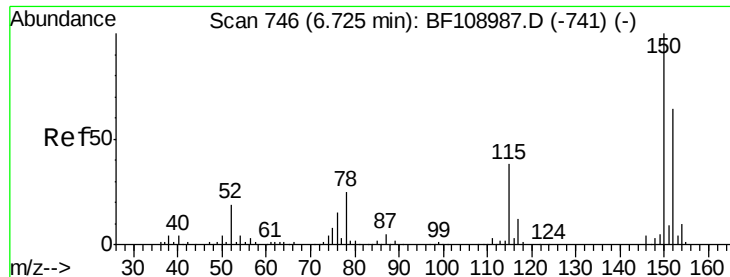
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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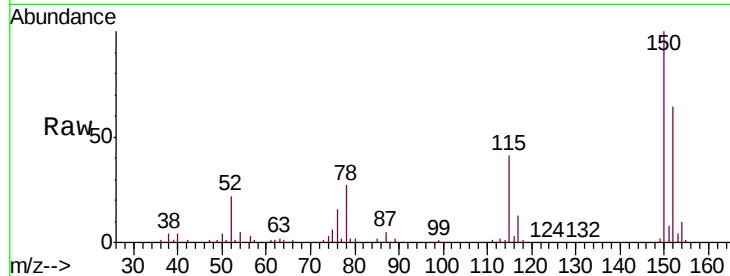


#1

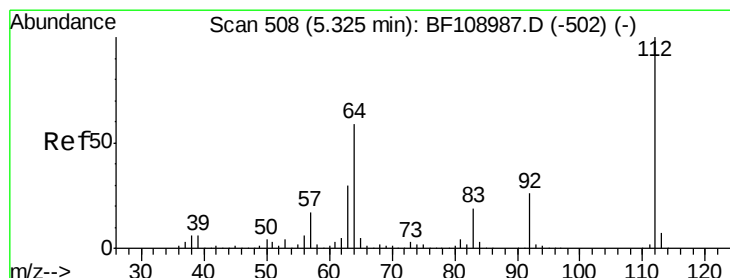
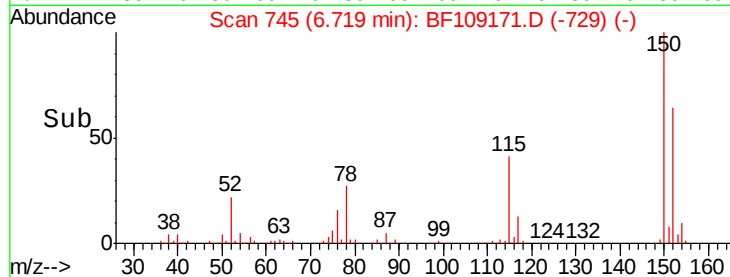
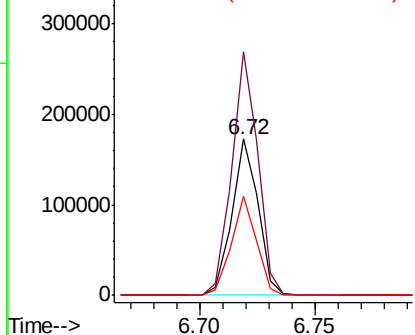
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF109171.D
 Acq: 20 Sep 2018 3:43

Instrument :
 BNA_F
 ClientSampleId :
 091718-TIPC-E-D-M

Tgt Ion:152 Resp: 136443
 Ion Ratio Lower Upper
 152 100
 150 155.7 124.6 186.8
 115 63.1 50.1 75.1



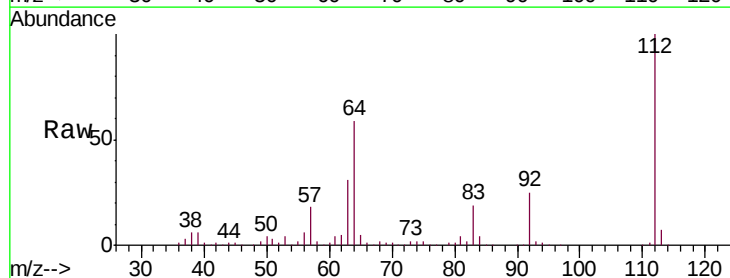
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



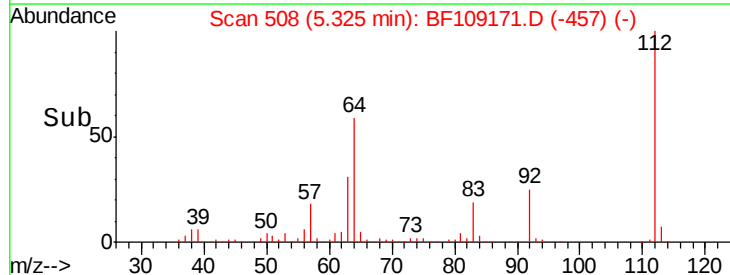
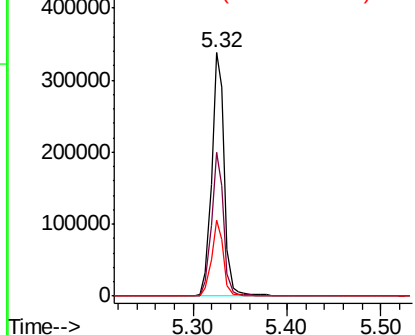
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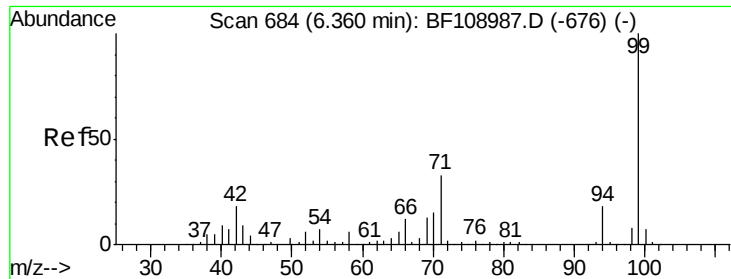
2-Fluorophenol
 Concen: 39.608 ng
 RT: 5.32 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: BF109171.D
 Acq: 20 Sep 2018 3:43

Tgt Ion:112 Resp: 325386
 Ion Ratio Lower Upper
 112 100
 64 59.3 47.9 71.9
 63 31.2 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: 24.187 ng

RT: 6.35 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF109171.D

Acq: 20 Sep 2018 3:43

Instrument :

BNA_F

ClientSampleId :

091718-TIPC-E-D-M

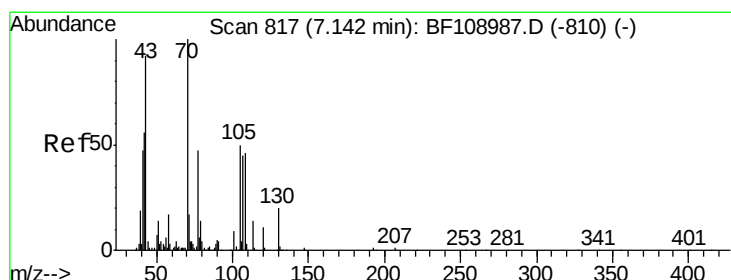
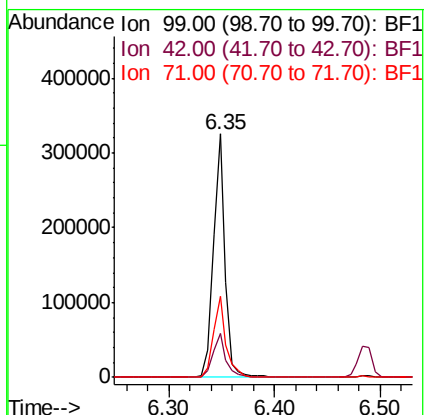
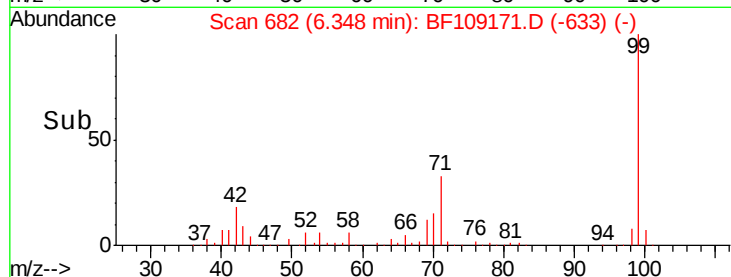
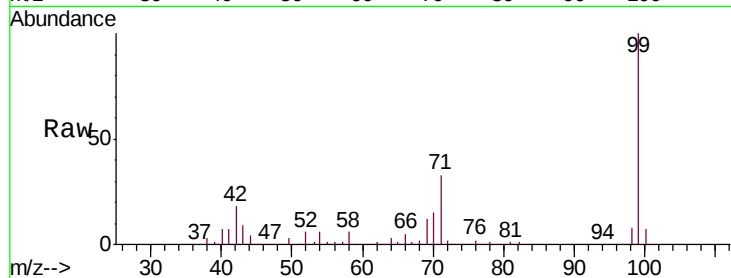
Tgt Ion: 99 Resp: 256213

Ion Ratio Lower Upper

99 100

42 17.9 14.5 21.7

71 33.3 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.343 ng

RT: 7.28 min Scan# 841

Delta R.T. 0.14 min

Lab File: BF109171.D

Acq: 20 Sep 2018 3:43

Tgt Ion: 70 Resp: 100427

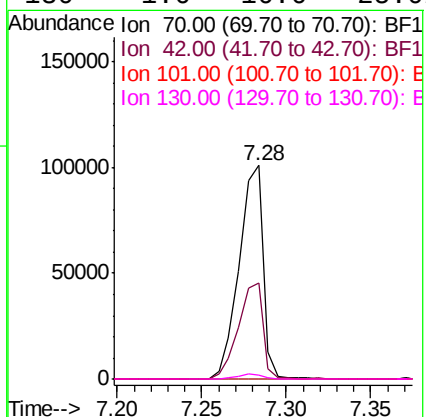
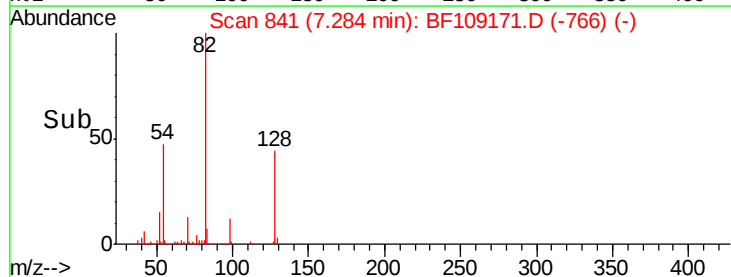
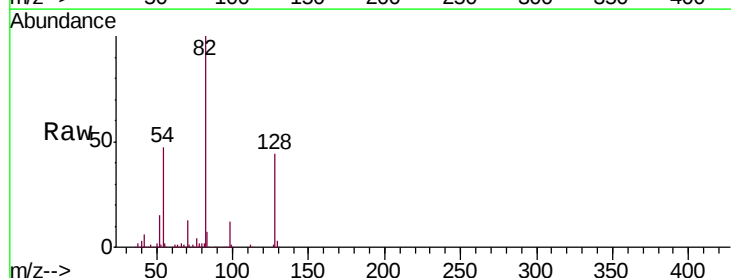
Ion Ratio Lower Upper

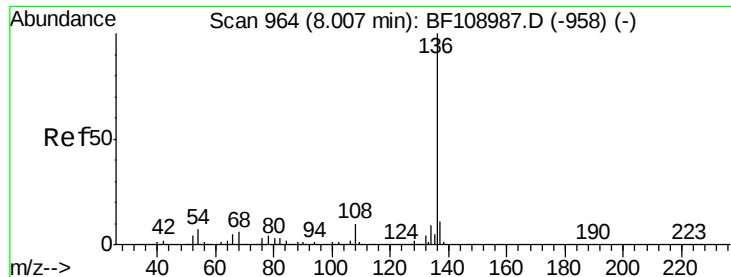
70 100

42 45.2 47.5 71.3#

101 0.0 7.4 11.2#

130 1.6 16.6 25.0#

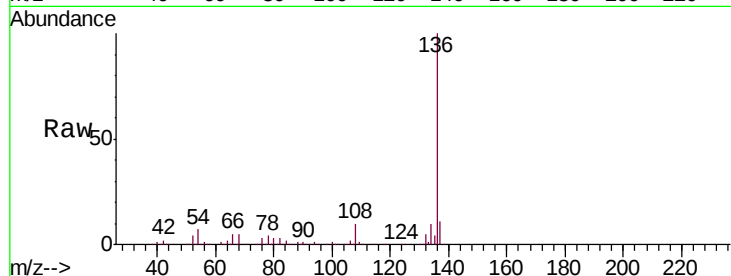




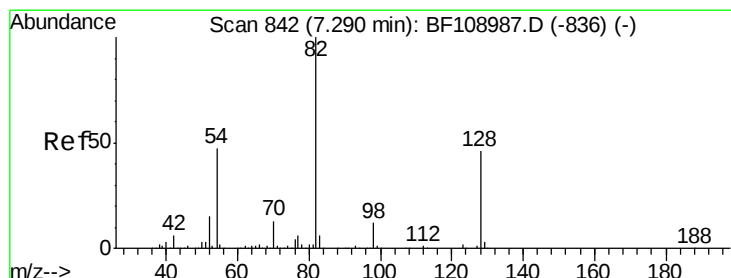
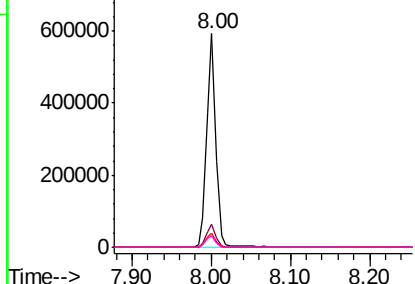
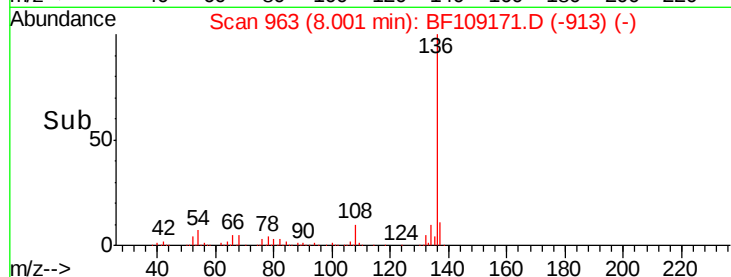
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109171.D
Acq: 20 Sep 2018 3:43

Instrument :
BNA_F
ClientSampleId :
091718-TIPC-E-D-M

Tgt Ion:	136	Resp:	481379
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.7	6.6	9.8
68	5.5	5.0	7.4

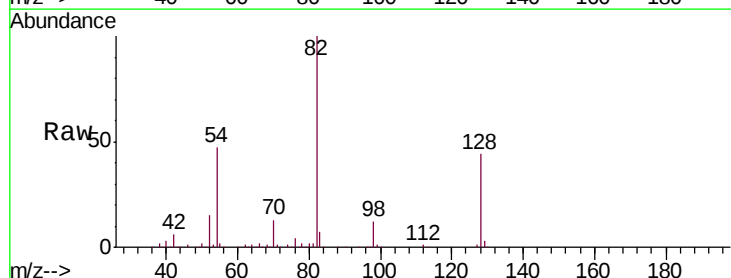


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

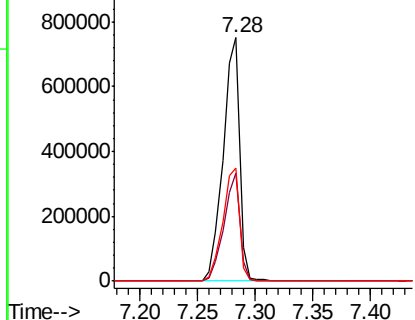
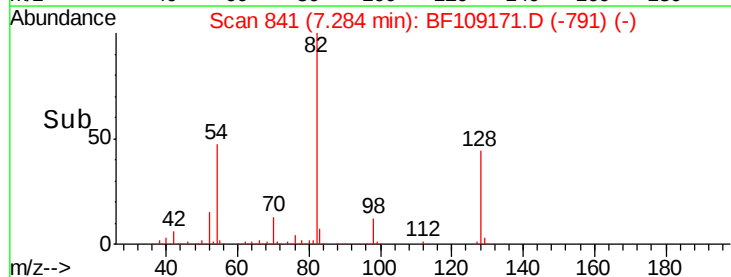


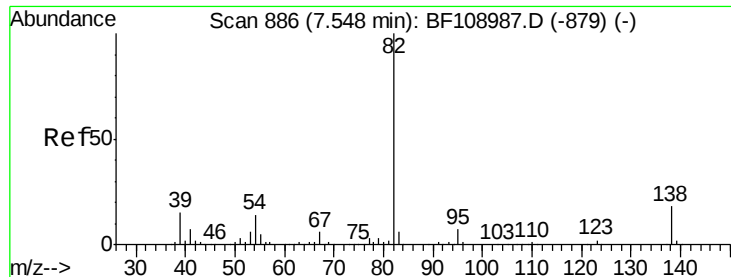
#23
Nitrobenzene-d5
Concen: 86.792 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF109171.D
Acq: 20 Sep 2018 3:43

Tgt Ion:	82	Resp:	744896
Ion	Ratio	Lower	Upper
82	100		
128	44.4	36.1	54.1
54	46.6	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

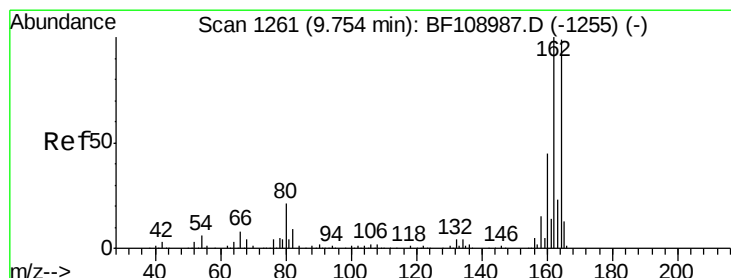
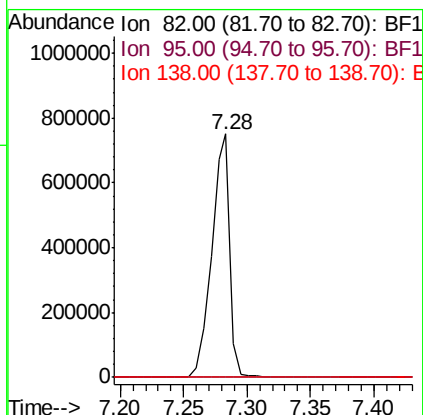
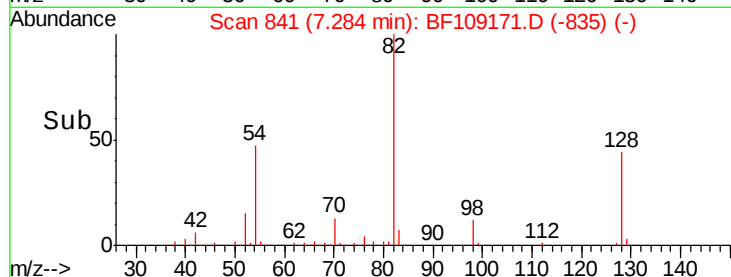
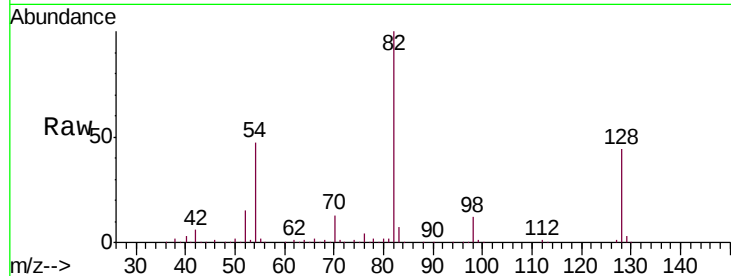




#25
Isophorone
Concen: 50.058 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.26 min
Lab File: BF109171.D
Acq: 20 Sep 2018 3:43

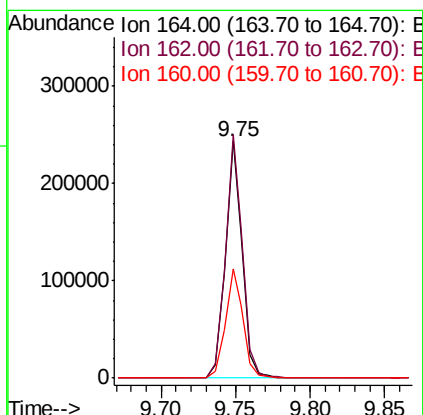
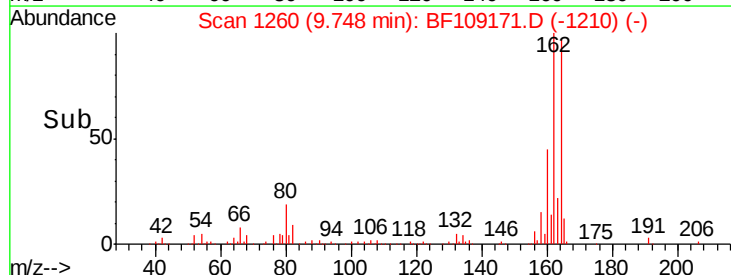
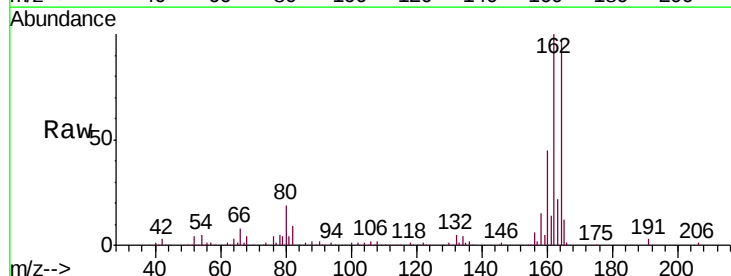
Instrument :
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ClientSampleId :
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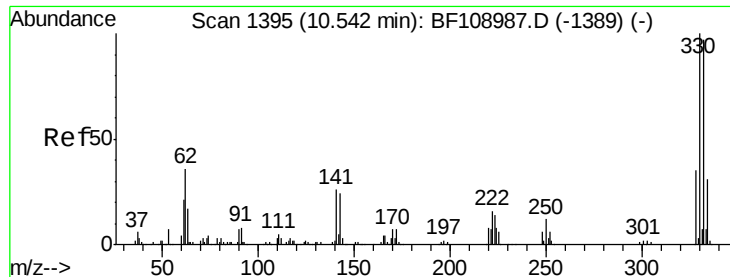
Tgt Ion: 82 Resp: 738510
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF109171.D
Acq: 20 Sep 2018 3:43

Tgt Ion: 164 Resp: 194036
Ion Ratio Lower Upper
164 100
162 102.7 86.1 129.1
160 46.1 38.3 57.5

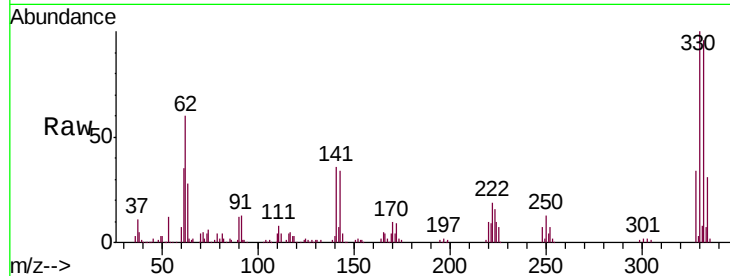




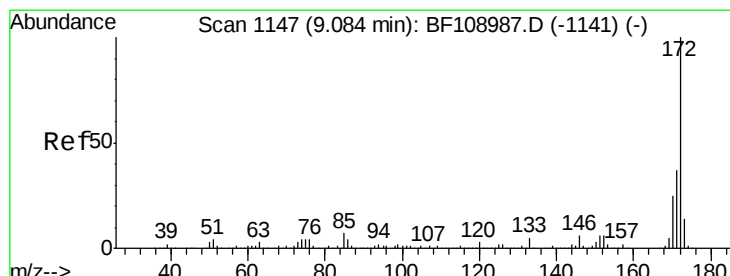
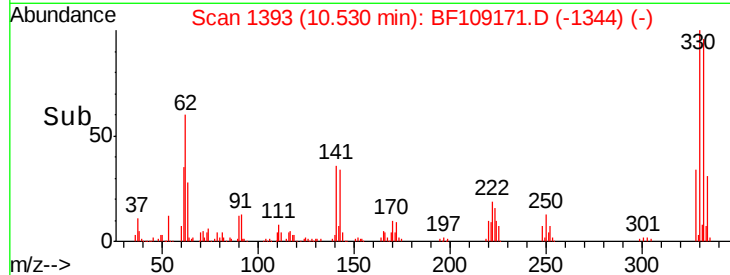
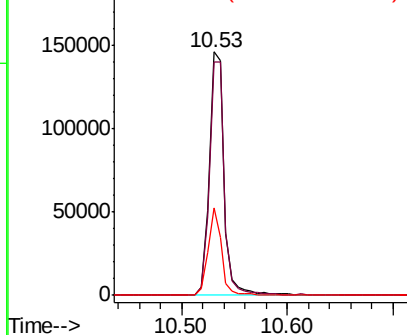
#41
 2,4,6-Tribromophenol
 Concen: 68.486 ng
 RT: 10.53 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF109171.D
 Acq: 20 Sep 2018 3:43

Instrument :
 BNA_F
 ClientSampleId :
 091718-TIPC-E-D-M

Tgt Ion: 330 Resp: 144218
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.0 115.6
 141 31.8 29.9 44.9

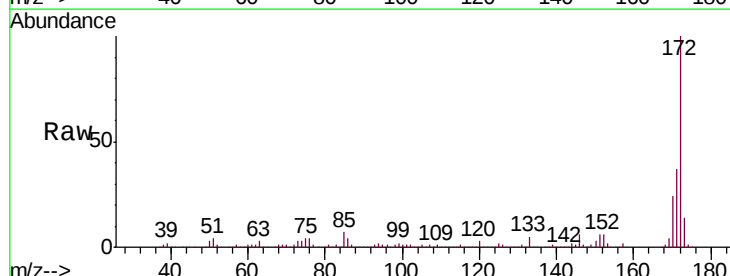


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

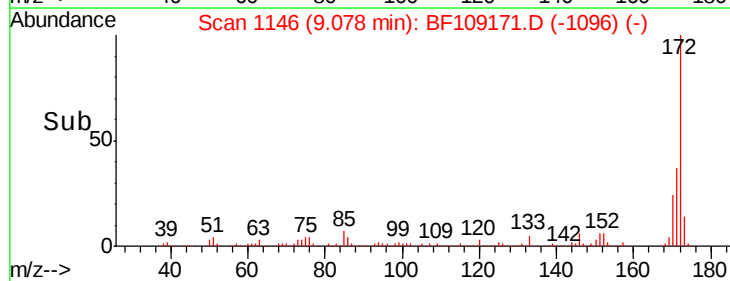
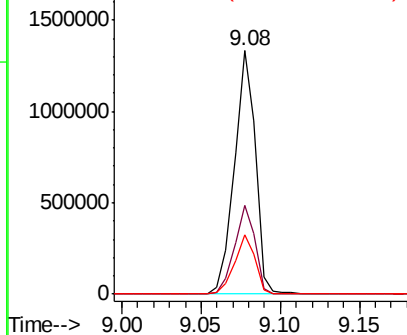


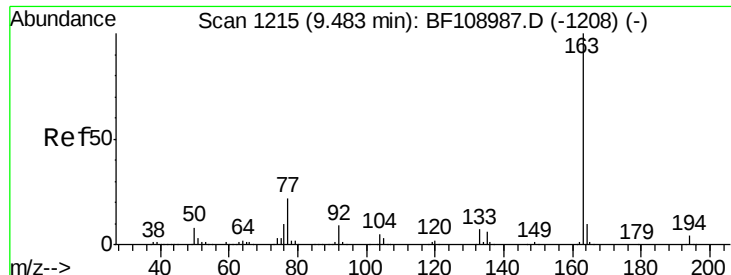
#44
 2-Fluorobiphenyl
 Concen: 99.221 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109171.D
 Acq: 20 Sep 2018 3:43

Tgt Ion: 172 Resp: 1228830
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 24.4 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

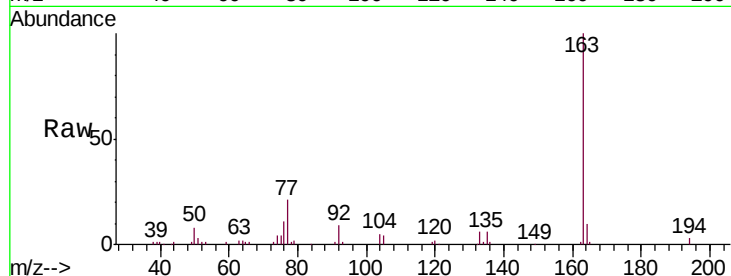




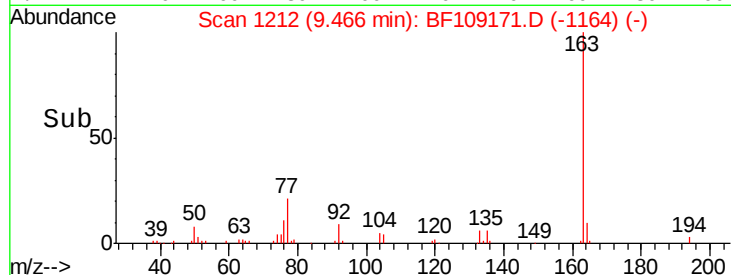
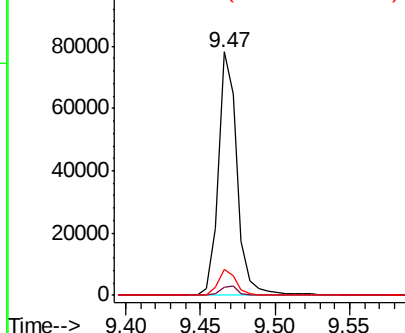
#49
Dimethylphthalate
Concen: 4.978 ng
RT: 9.47 min Scan# 1212
Delta R.T. -0.02 min
Lab File: BF109171.D
Acq: 20 Sep 2018 3:43

Instrument :
BNA_F
ClientSampleId :
091718-TIPC-E-D-M

Tgt Ion:163 Resp: 69040
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.5 8.2 12.2

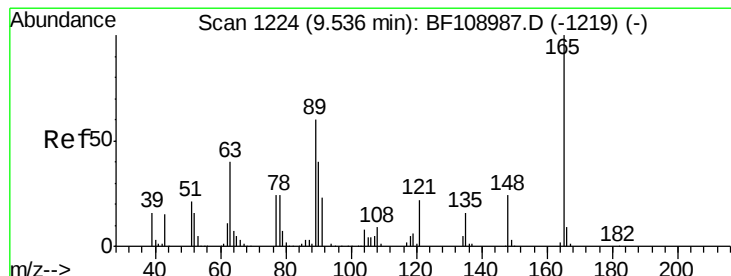


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

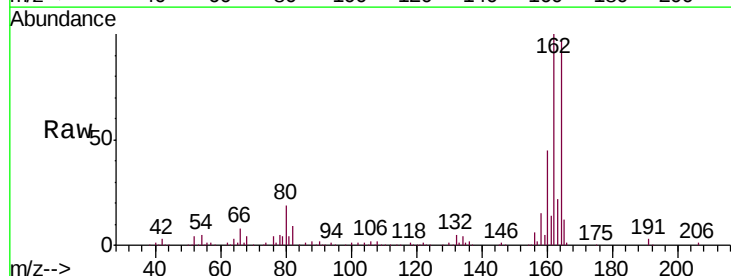
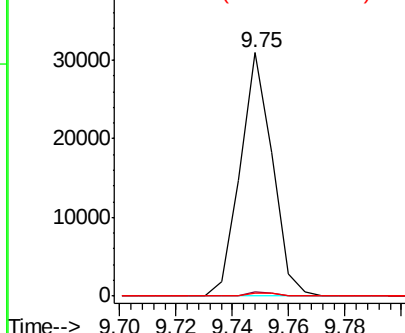


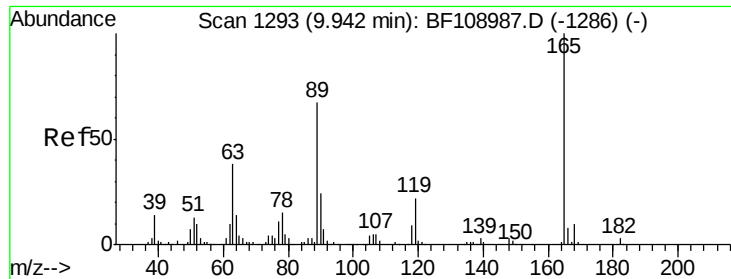
#50
2,6-Dinitrotoluene
Concen: 7.921 ng
RT: 9.75 min Scan# 1260
Delta R.T. 0.21 min
Lab File: BF109171.D
Acq: 20 Sep 2018 3:43

Tgt Ion:165 Resp: 24361
Ion Ratio Lower Upper
165 100
63 1.8 44.7 67.1#
89 1.2 44.0 66.0#



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

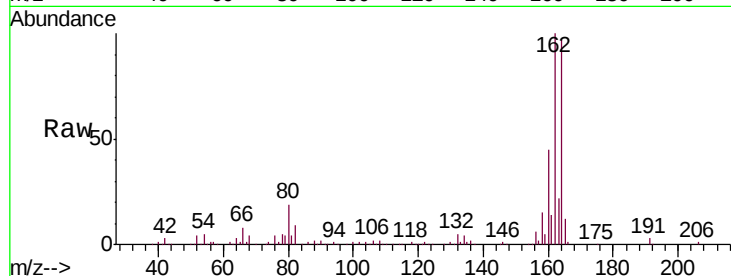




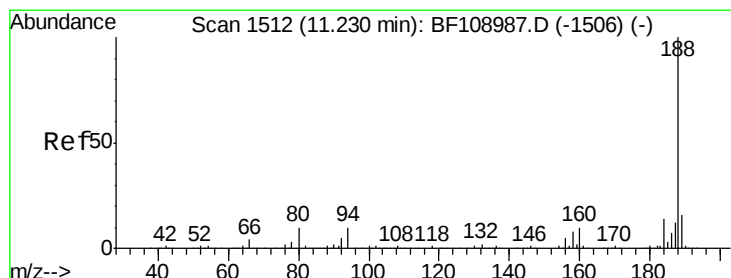
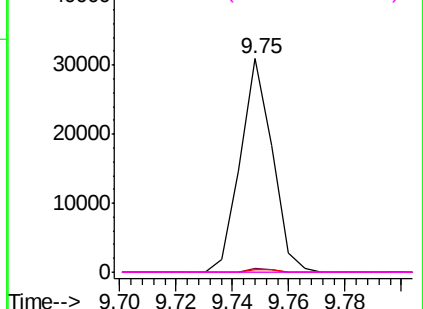
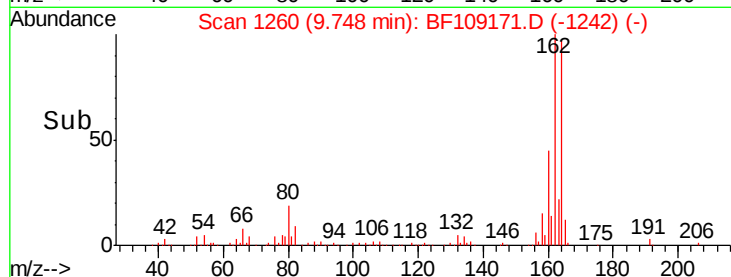
#56
 2,4-Dinitrotoluene
 Concen: 6.057 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.19 min
 Lab File: BF109171.D
 Acq: 20 Sep 2018 3:43

Instrument :
 BNA_F
 ClientSampleId :
 091718-TIPC-E-D-M

Tgt Ion:	165	Resp:	24361
Ion	Ratio	Lower	Upper
165	100		
63	1.8	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#

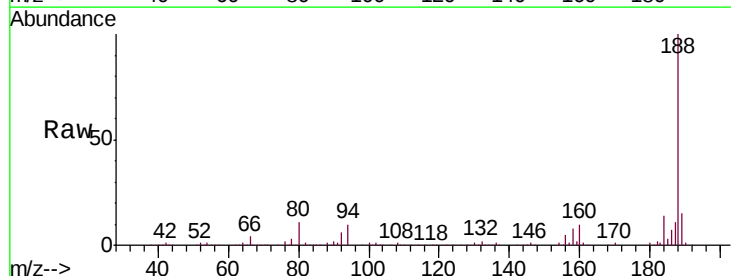


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

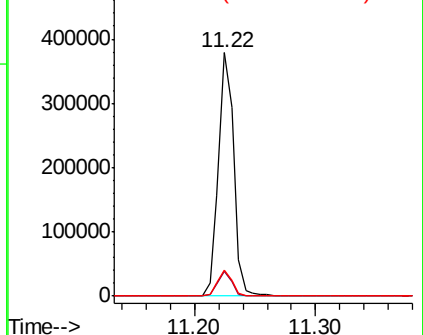
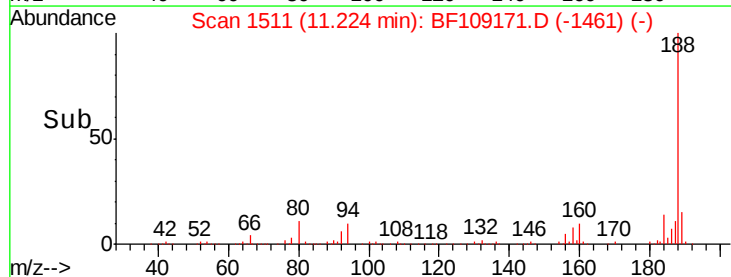


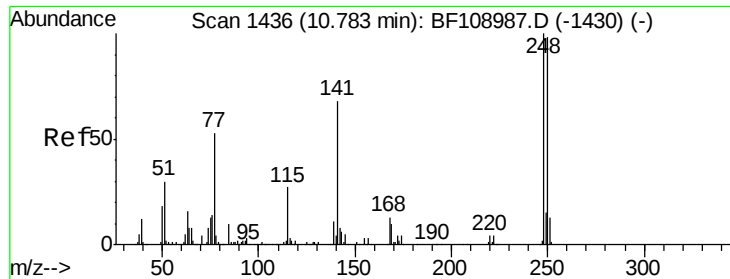
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF109171.D
 Acq: 20 Sep 2018 3:43

Tgt Ion:	188	Resp:	328568
Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	10.8	9.2	13.8



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

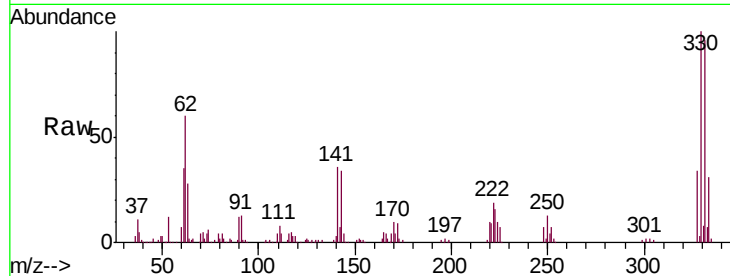




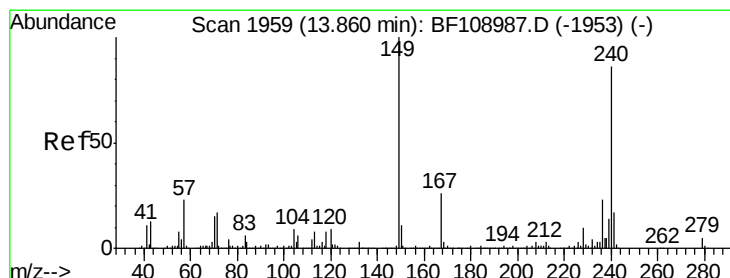
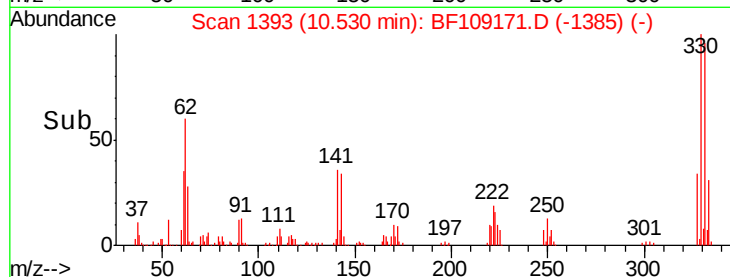
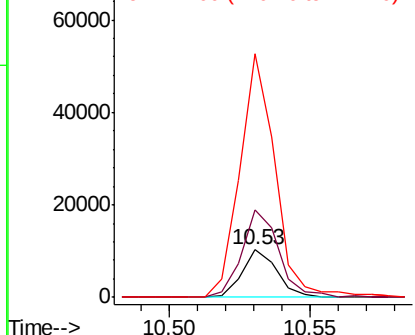
#66
 4-Bromophenyl-phenylether
 Concen: 2.366 ng
 RT: 10.53 min Scan# 1393
 Delta R.T. -0.25 min
 Lab File: BF109171.D
 Acq: 20 Sep 2018 3:43

Instrument :
 BNA_F
 ClientSampleId :
 091718-TIPC-E-D-M

Tgt Ion:248 Resp: 8765
 Ion Ratio Lower Upper
 248 100
 250 186.0 76.9 115.3#
 141 515.8 74.4 111.6#

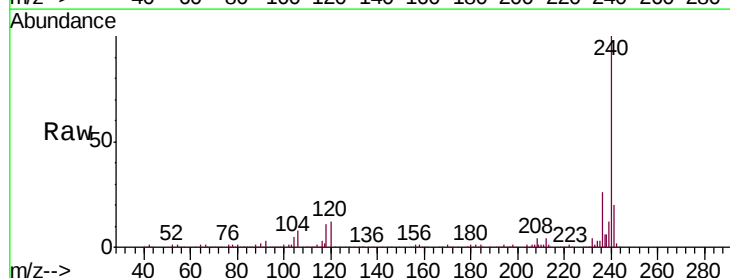


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

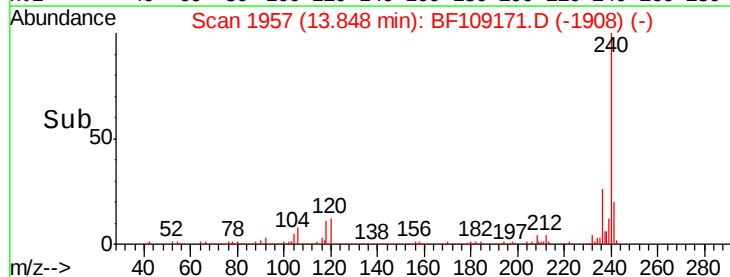
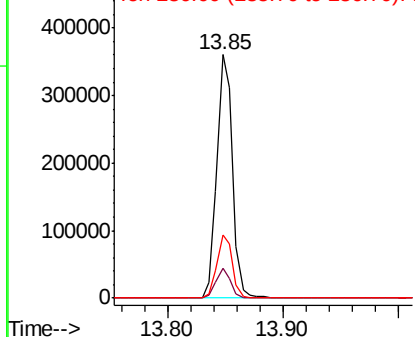


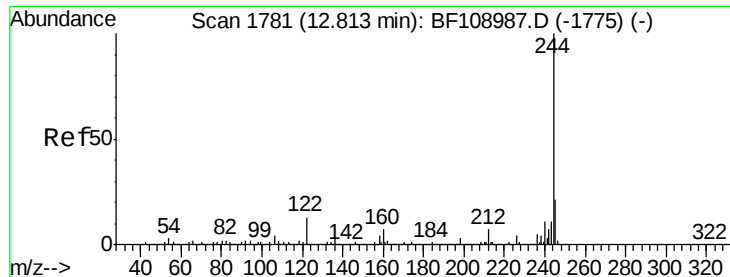
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.85 min Scan# 1957
 Delta R.T. -0.01 min
 Lab File: BF109171.D
 Acq: 20 Sep 2018 3:43

Tgt Ion:240 Resp: 337661
 Ion Ratio Lower Upper
 240 100
 120 12.2 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: 78.467 ng

RT: 12.81 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BF109171.D

Acq: 20 Sep 2018 3:43

Instrument :

BNA_F

ClientSampleId :

091718-TIPC-E-D-M

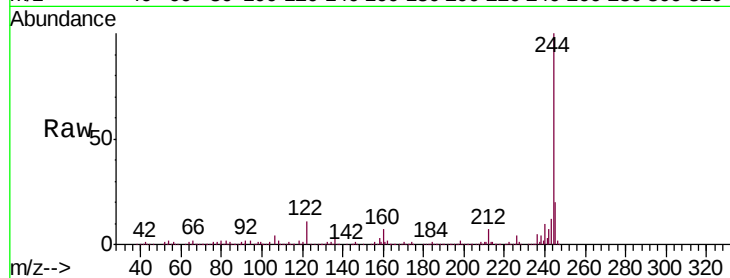
Tgt Ion:244 Resp: 1117813

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

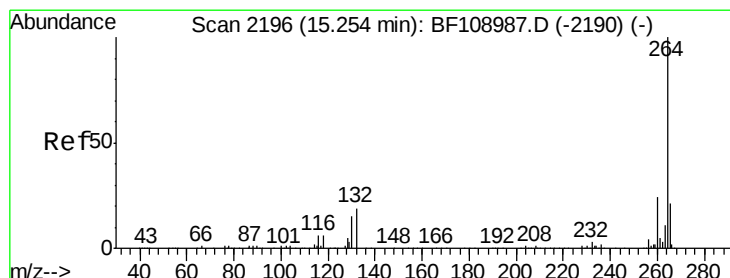
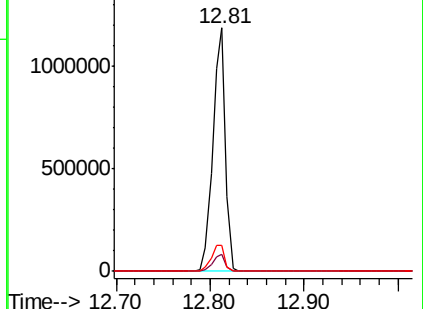
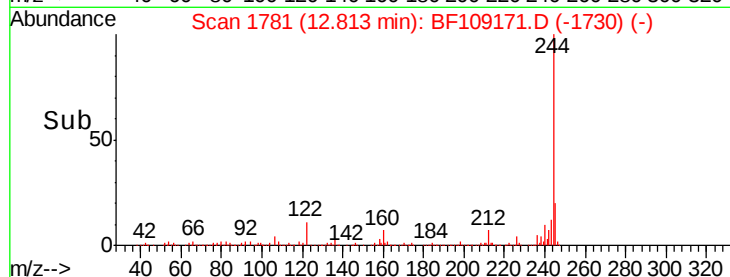
122 10.8 11.0 16.4#



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: BF109171.D

Acq: 20 Sep 2018 3:43

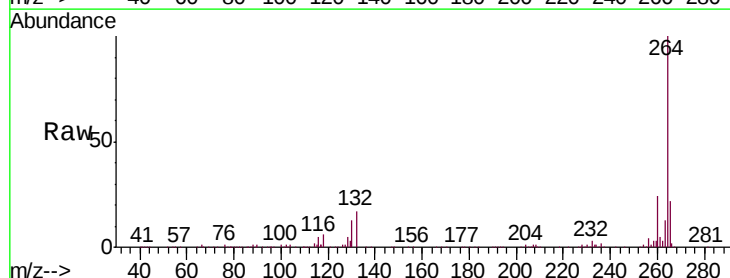
Tgt Ion:264 Resp: 301628

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.8 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

