

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112818\
 Data File : BF111074.D
 Acq On : 29 Nov 2018 5:22
 Operator : JU/SJ
 Sample : J6078-08
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 112618-TIPC-F-D-S

Quant Time: Nov 29 06:01:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 27 15:32:10 2018
 Response via : Initial Calibration

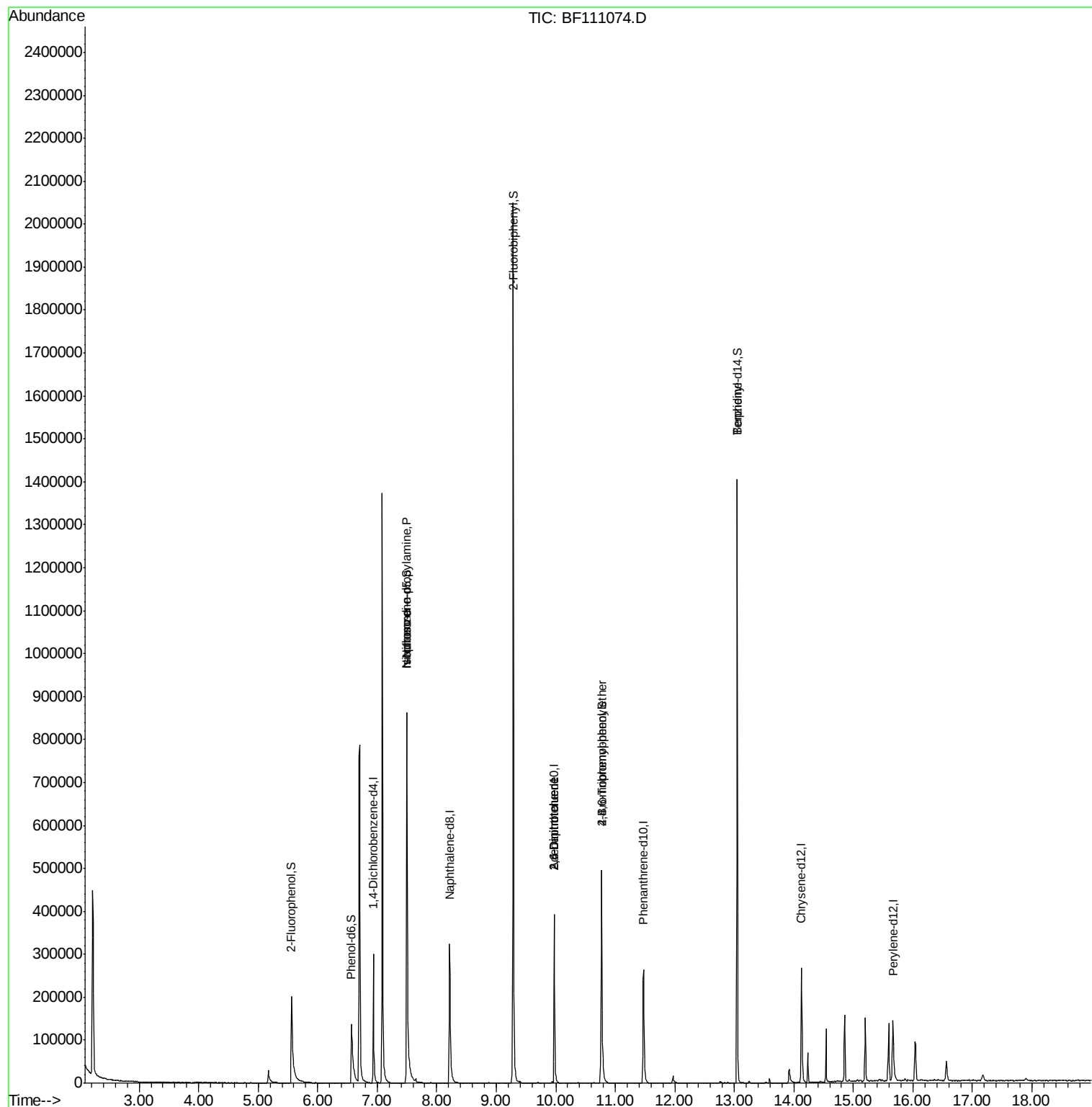
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	51705	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	217368	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	91961	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	148157	20.00	ng	0.00
76) Chrysene-d12	14.13	240	116554	20.00	ng	0.00
87) Perylene-d12	15.66	264	93977	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	129014	41.38	ng	0.01
7) Phenol-d6	6.57	99	95494	23.50	ng	0.00
23) Nitrobenzene-d5	7.50	82	362253	95.38	ng	-0.01
42) 2,4,6-Tribromophenol	10.77	330	74231	81.28	ng	-0.01
45) 2-Fluorobiphenyl	9.29	172	665362	104.82	ng	0.00
79) Terphenyl-d14	13.05	244	490780	81.97	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.50	70	47387	17.904	ng	# 80
25) Isophorone	7.50	82	362253	58.144	ng	# 67
51) 2,6-Dinitrotoluene	9.97	165	11417	7.604	ng	# 21
57) 2,4-Dinitrotoluene	9.97	165	11417	5.861	ng	# 17
67) 4-Bromophenyl-phenylether	10.77	248	4647	2.880	ng	# 1
77) Benzidine	13.05	184	6332	2.124	ng	# 97

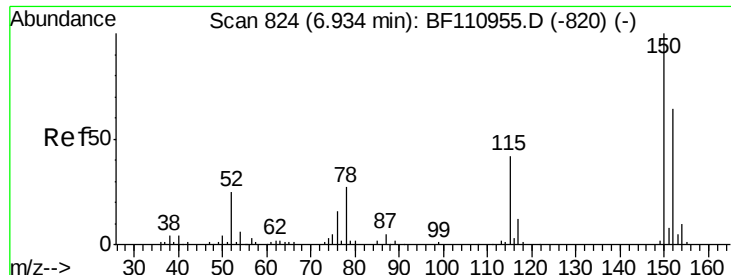
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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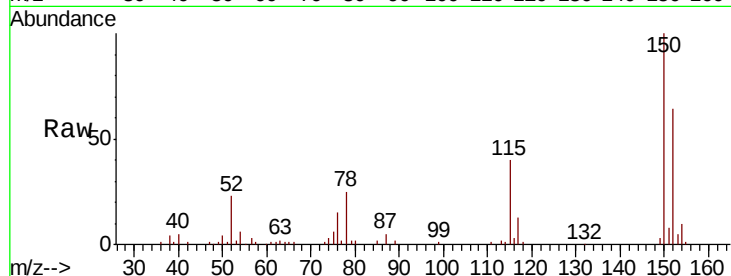


#1

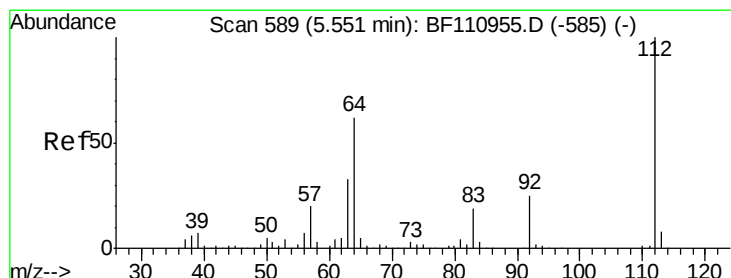
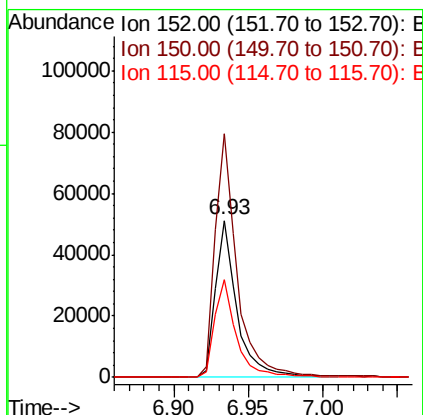
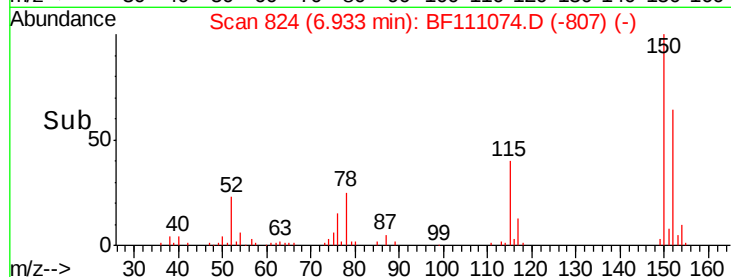
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF111074.D
Acq: 29 Nov 2018 5:22

Instrument :
BNA_F
ClientSampleId :
112618-TIPC-F-D-S

Tgt Ion:152 Resp: 51705
Ion Ratio Lower Upper
152 100
150 155.3 122.7 184.1
115 62.4 49.1 73.7



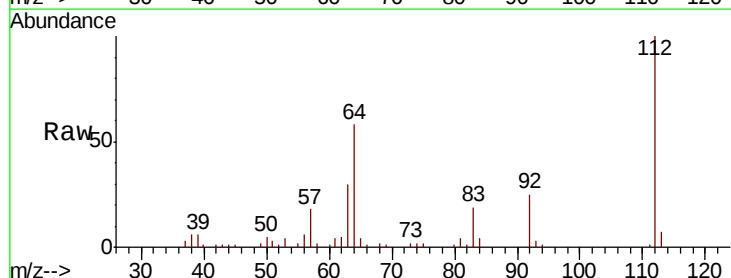
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



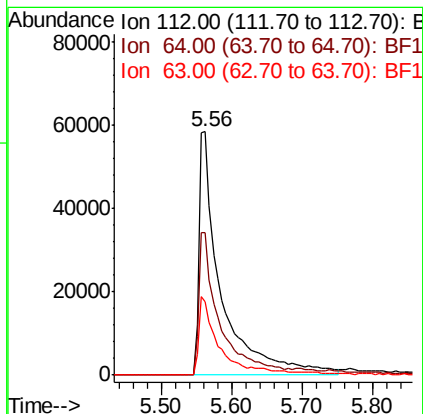
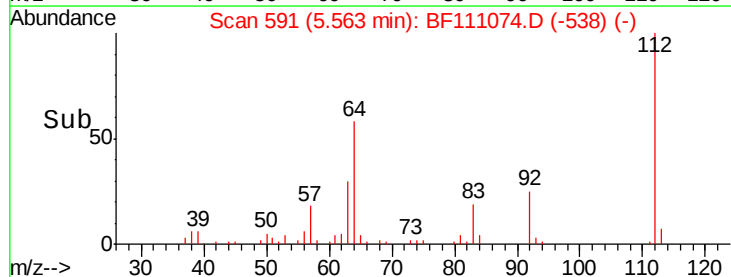
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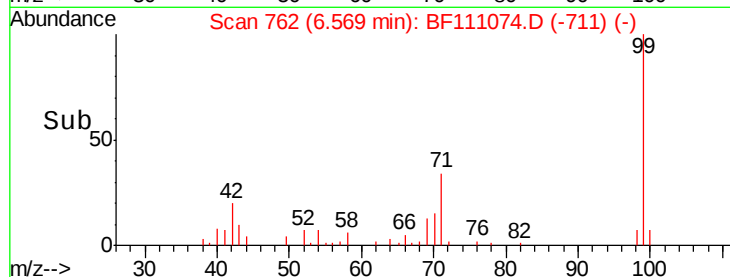
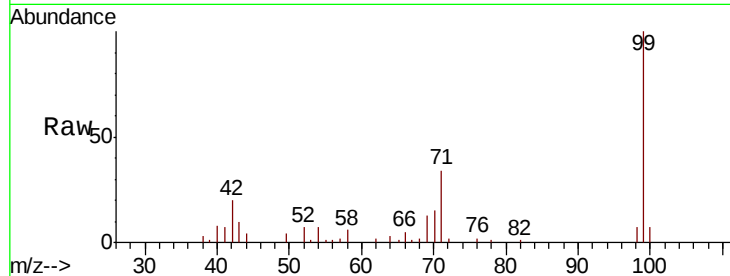
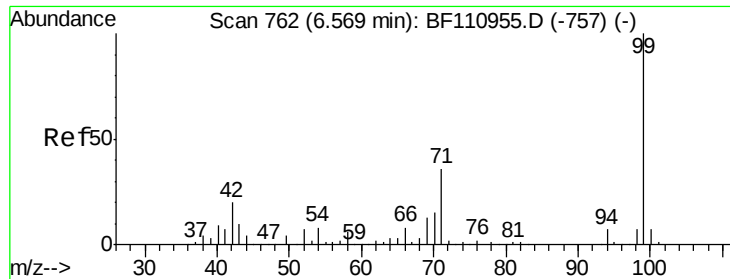
2-Fluorophenol
Concen: 41.378 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.01 min
Lab File: BF111074.D
Acq: 29 Nov 2018 5:22

Tgt Ion:112 Resp: 129014
Ion Ratio Lower Upper
112 100
64 58.4 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

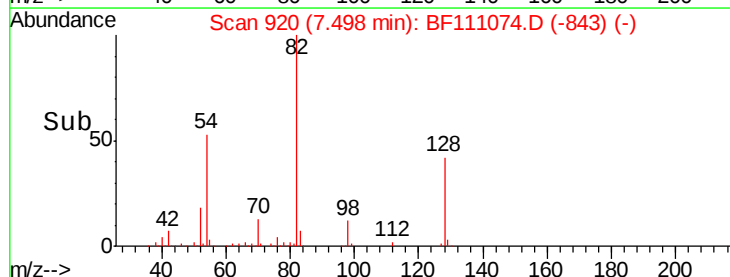
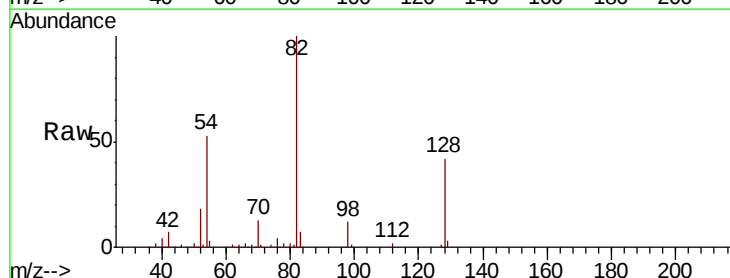
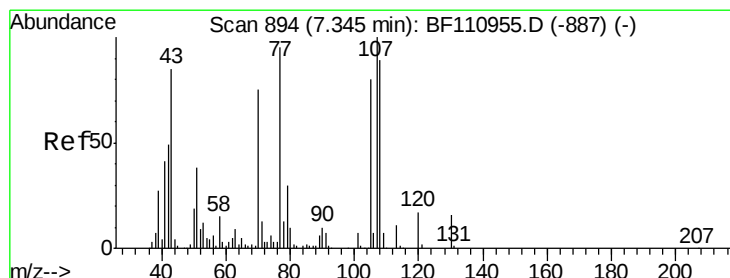
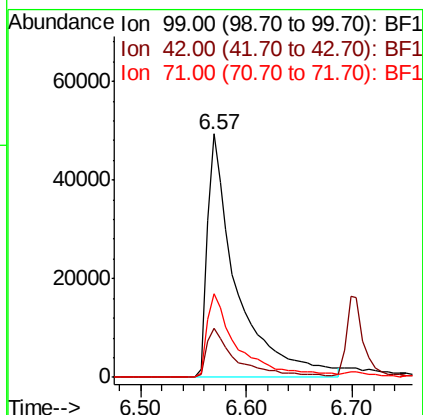




#7
 Phenol-d6
 Concen: 23.502 ng
 RT: 6.57 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF111074.D
 Acq: 29 Nov 2018 5:22

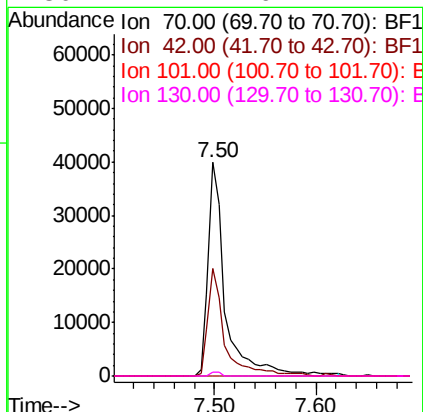
Instrument :
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 112618-TIPC-F-D-S

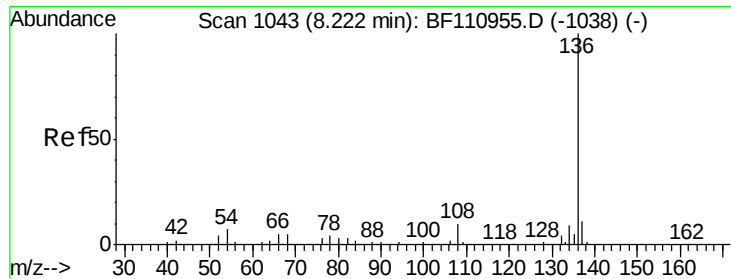
Tgt Ion	Ratio	Lower	Upper
99	100		
42	20.0	15.8	23.6
71	34.3	28.0	42.0



#19
 n-Nitroso-di-n-propylamine
 Concen: 17.904 ng
 RT: 7.50 min Scan# 920
 Delta R.T. 0.15 min
 Lab File: BF111074.D
 Acq: 29 Nov 2018 5:22

Tgt Ion	Ratio	Lower	Upper
70	100		
42	50.5	47.4	71.2
101	0.0	7.3	10.9#
130	1.7	16.2	24.2#

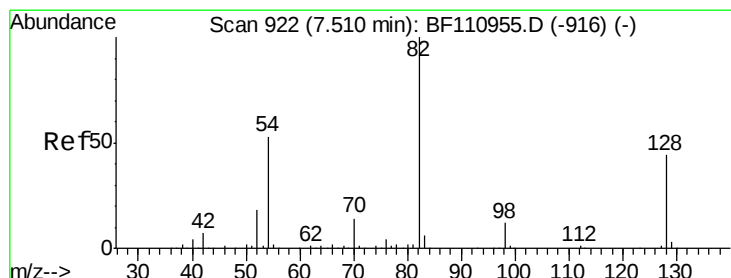
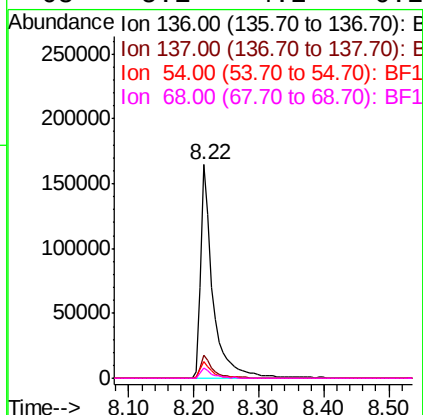
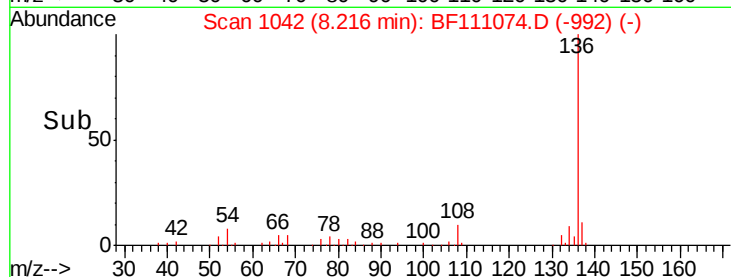
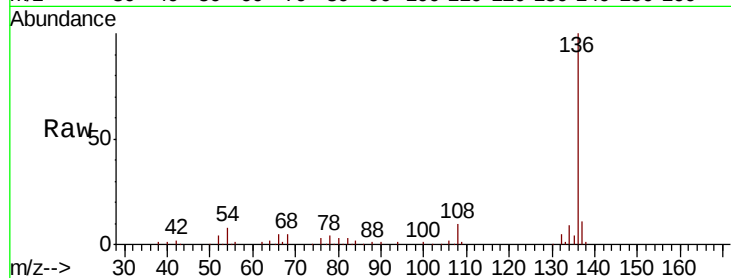




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF111074.D
Acq: 29 Nov 2018 5:22

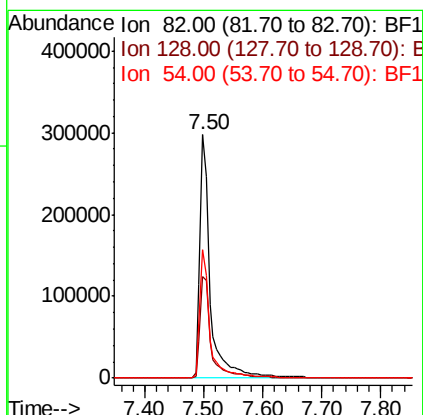
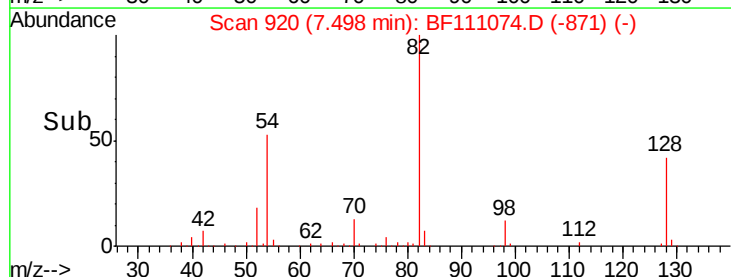
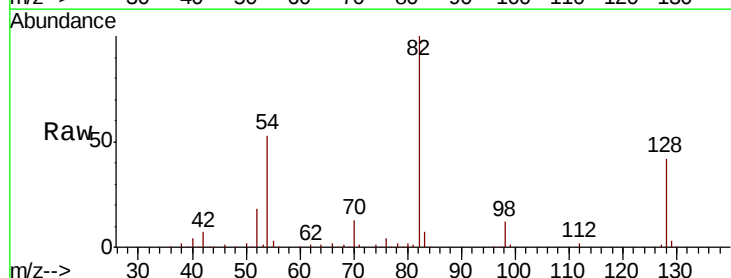
Instrument :
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ClientSampleId :
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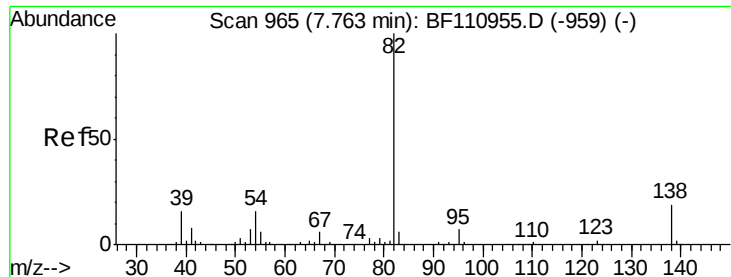
Tgt Ion:	136	Resp:	217368
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.9	5.4	8.2
68	5.1	4.2	6.2



#23
Nitrobenzene-d5
Concen: 95.377 ng
RT: 7.50 min Scan# 920
Delta R.T. -0.01 min
Lab File: BF111074.D
Acq: 29 Nov 2018 5:22

Tgt Ion:	82	Resp:	362253
Ion	Ratio	Lower	Upper
82	100		
128	41.8	34.2	51.2
54	52.8	38.6	58.0





#25

Isophorone

Concen: 58.144 ng

RT: 7.50 min Scan# 920

Delta R.T. -0.26 min

Lab File: BF111074.D

Acq: 29 Nov 2018 5:22

Instrument :

BNA_F

ClientSampleId :

112618-TIPC-F-D-S

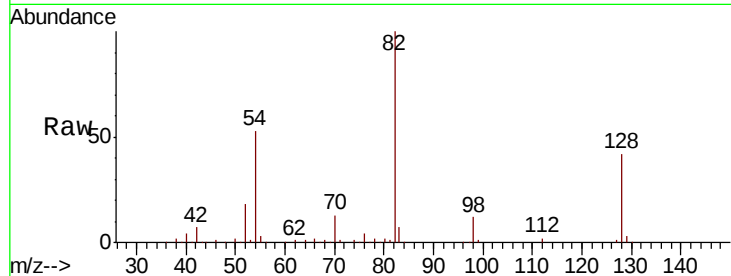
Tgt Ion: 82 Resp: 362253

Ion Ratio Lower Upper

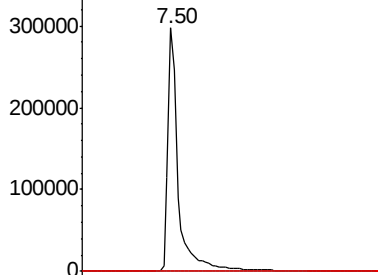
82 100

95 0.0 5.7 8.5#

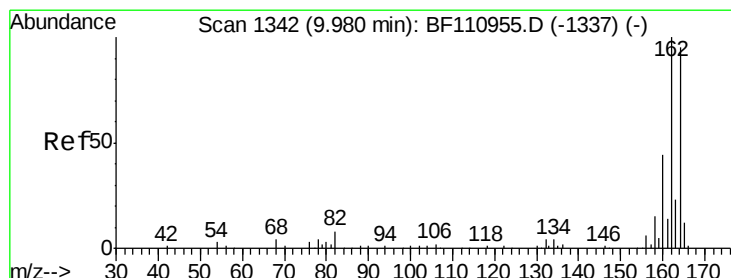
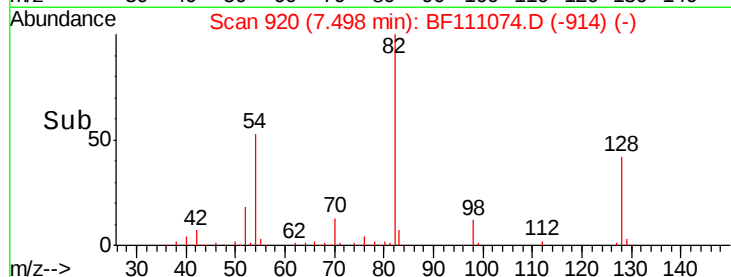
138 0.0 13.2 19.8#



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



Time-->



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.97 min Scan# 1341

Delta R.T. -0.01 min

Lab File: BF111074.D

Acq: 29 Nov 2018 5:22

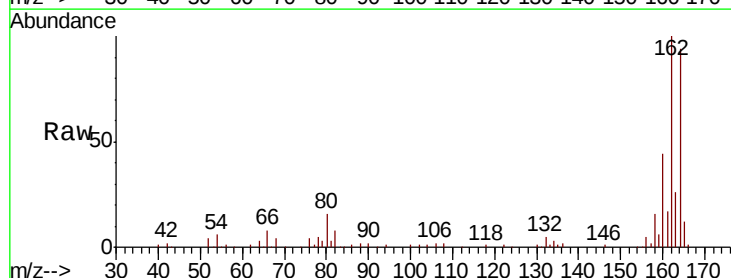
Tgt Ion: 164 Resp: 91961

Ion Ratio Lower Upper

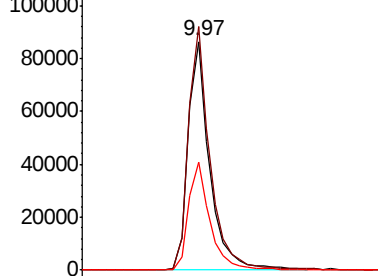
164 100

162 106.5 83.0 124.6

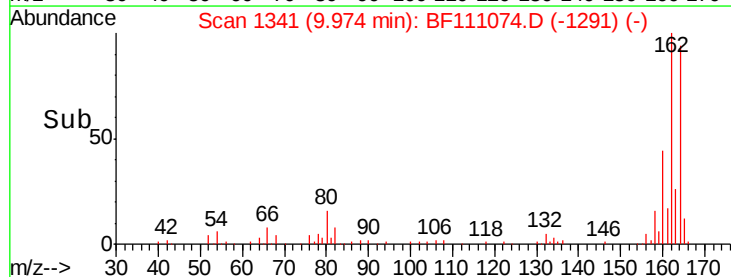
160 47.4 37.0 55.6

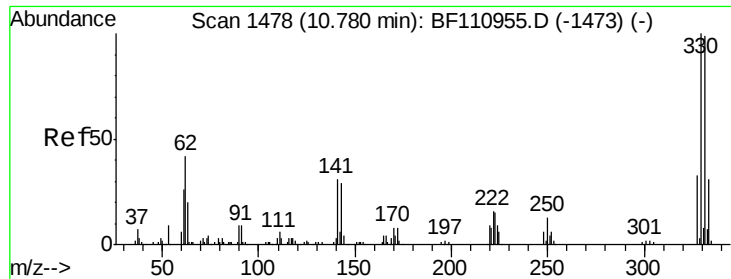


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



Time-->

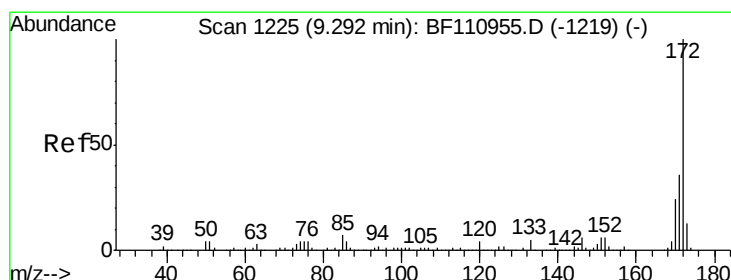
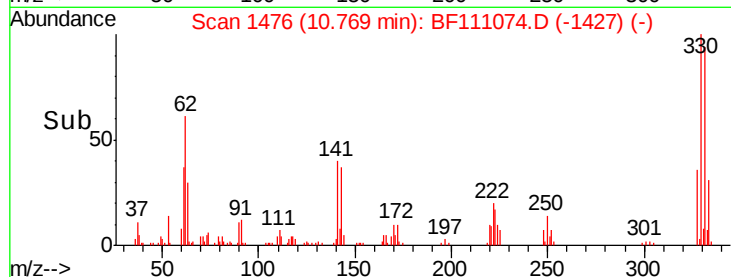
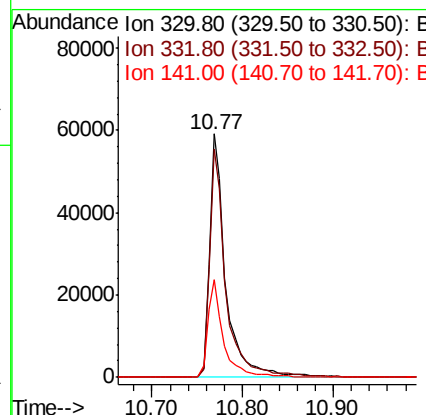
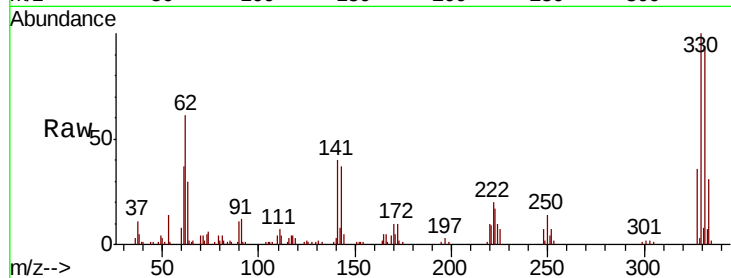




#42
 2,4,6-Tribromophenol
 Concen: 81.278 ng
 RT: 10.77 min Scan# 1476
 Delta R.T. -0.01 min
 Lab File: BF111074.D
 Acq: 29 Nov 2018 5:22

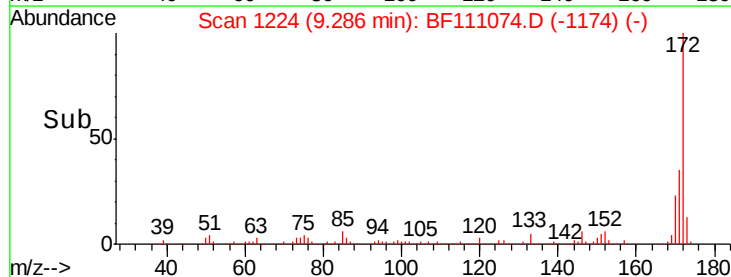
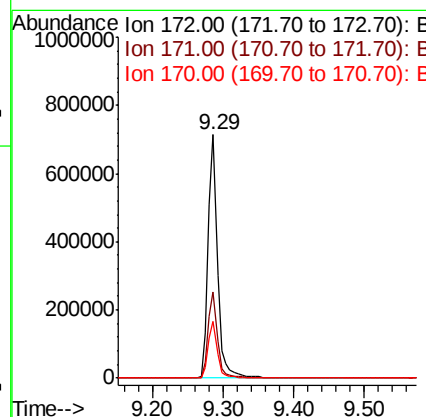
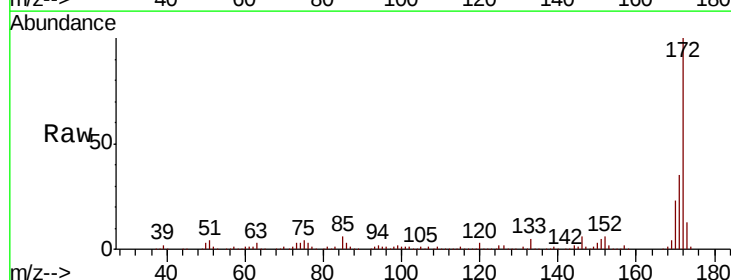
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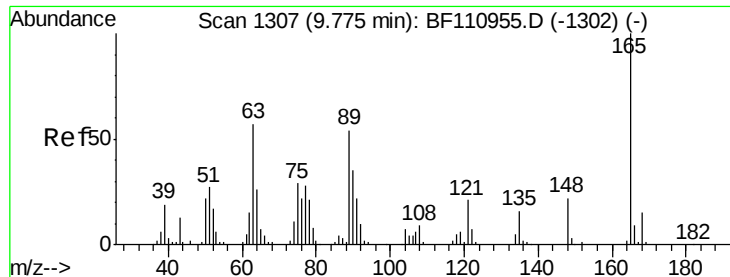
Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.3	77.1	115.7
141	38.5	27.0	40.4



#45
 2-Fluorobiphenyl
 Concen: 104.823 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF111074.D
 Acq: 29 Nov 2018 5:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	43.0
170	23.2	19.7	29.5

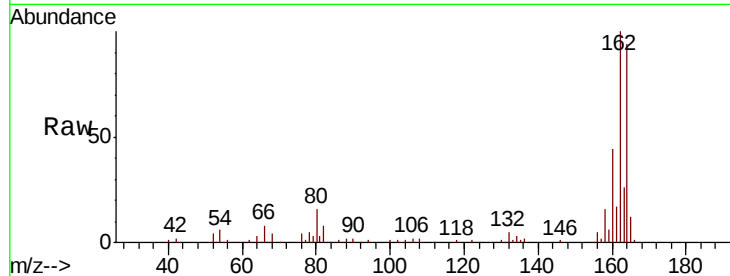




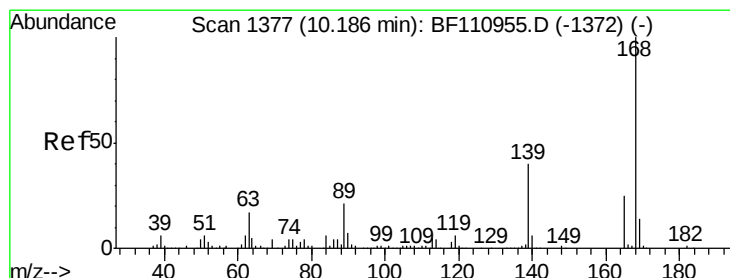
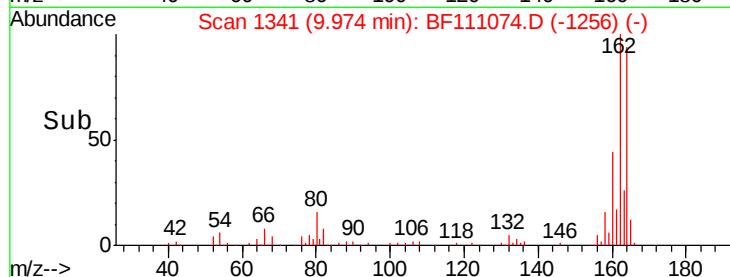
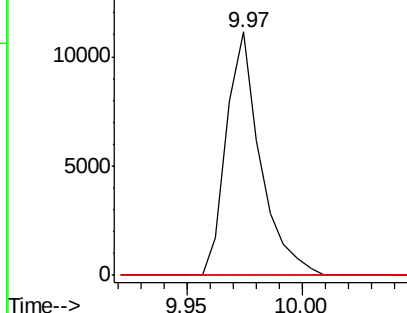
#51
 2,6-Dinitrotoluene
 Concen: 7.604 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. 0.20 min
 Lab File: BF111074.D
 Acq: 29 Nov 2018 5:22

Instrument :
 BNA_F
 ClientSampleId :
 112618-TIPC-F-D-S

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	0.0	46.6	69.8#



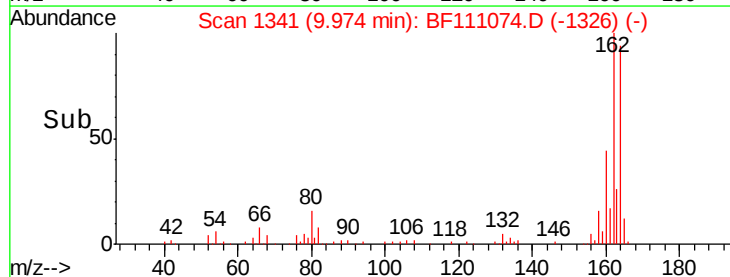
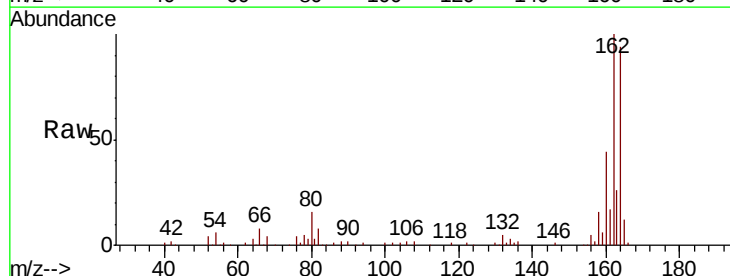
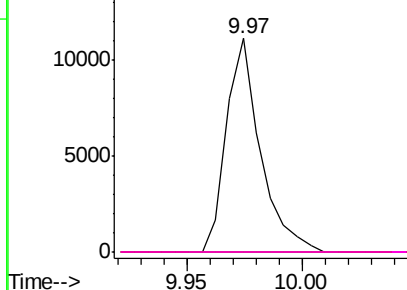
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

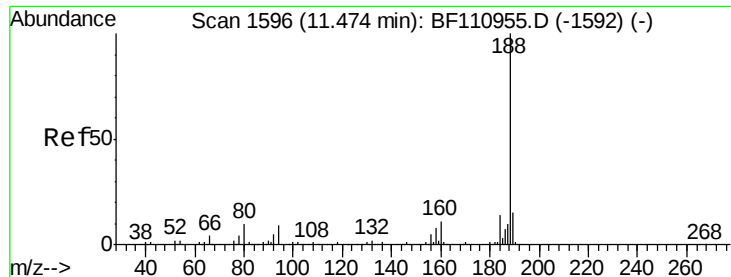


#57
 2,4-Dinitrotoluene
 Concen: 5.861 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.21 min
 Lab File: BF111074.D
 Acq: 29 Nov 2018 5:22

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	0.0	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

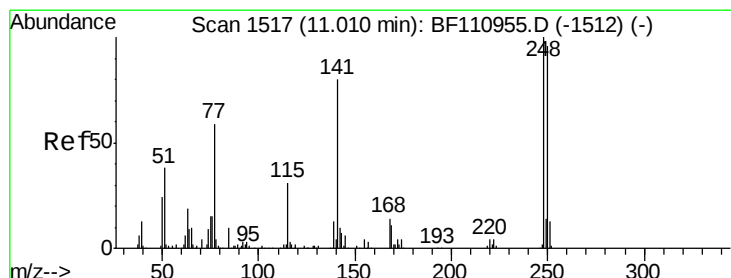
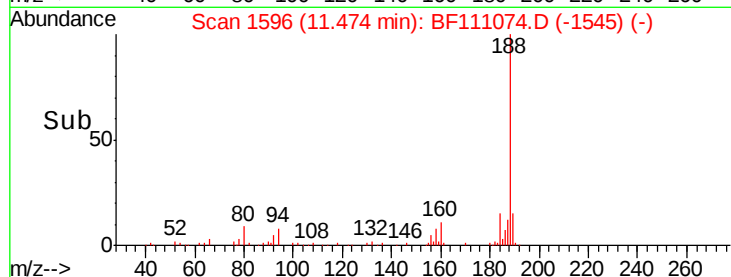
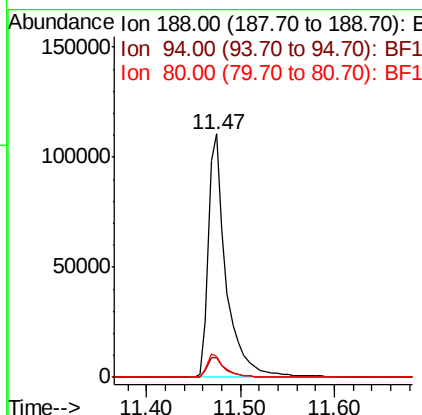
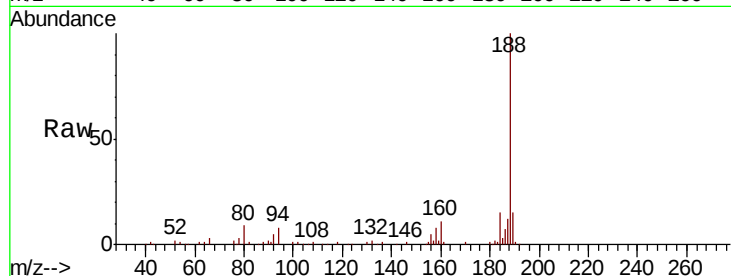




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: BF111074.D
 Acq: 29 Nov 2018 5:22

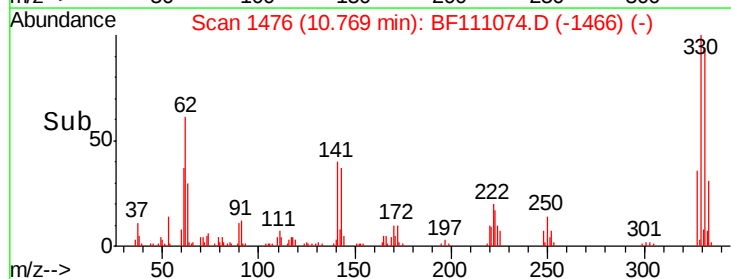
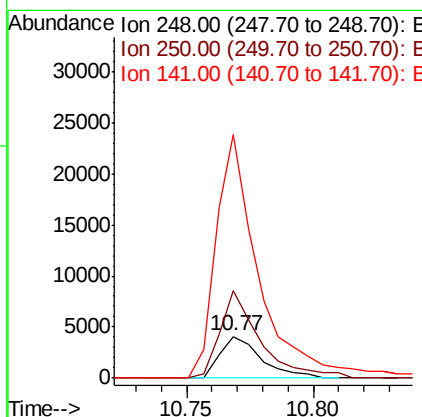
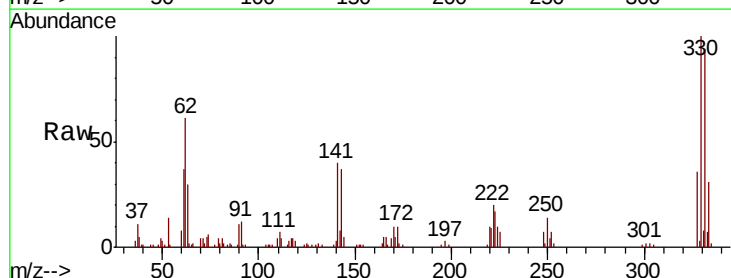
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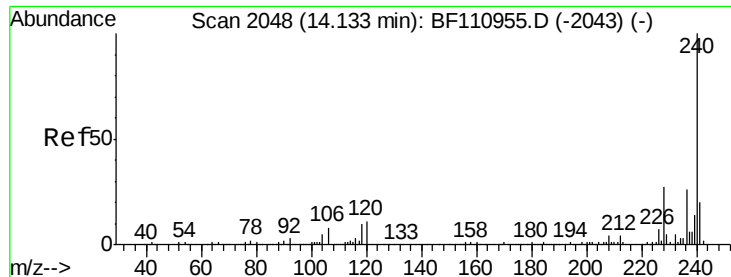
Tgt Ion:188 Resp: 148157
 Ion Ratio Lower Upper
 188 100
 94 7.9 7.2 10.8
 80 8.8 7.9 11.9



#67
 4-Bromophenyl-phenylether
 Concen: 2.880 ng
 RT: 10.77 min Scan# 1476
 Delta R.T. -0.24 min
 Lab File: BF111074.D
 Acq: 29 Nov 2018 5:22

Tgt Ion:248 Resp: 4647
 Ion Ratio Lower Upper
 248 100
 250 208.6 79.4 119.2#
 141 579.9 55.9 83.9#

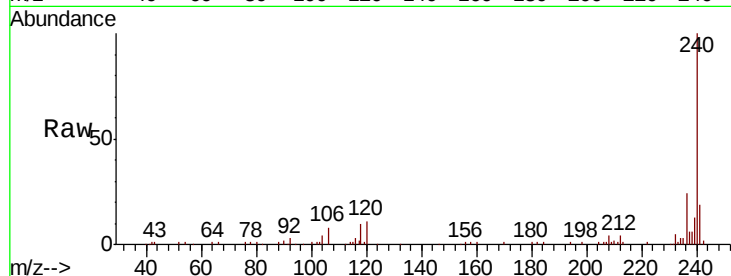




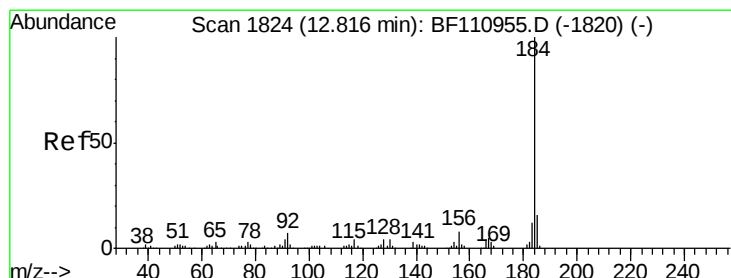
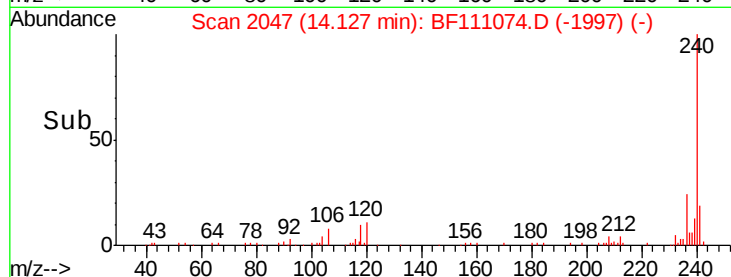
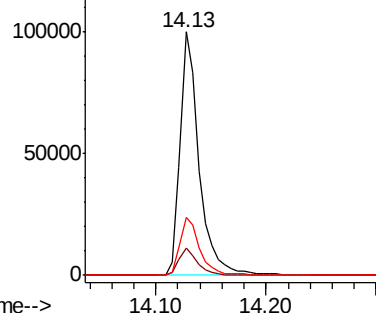
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF111074.D
Acq: 29 Nov 2018 5:22

Instrument :
BNA_F
ClientSampleId :
112618-TIPC-F-D-S

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.3	12.5
236	23.9	21.2	31.8

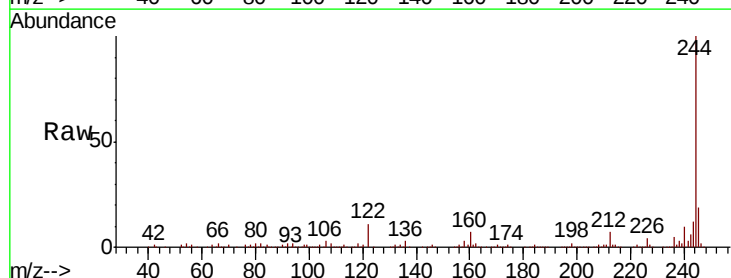


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

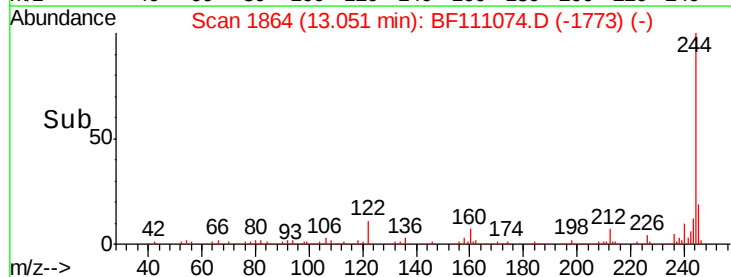
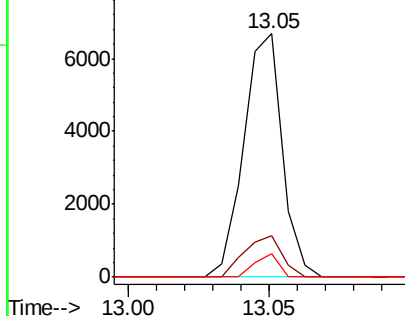


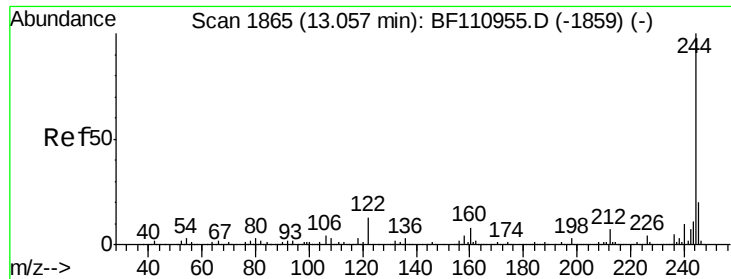
#77
Benzidine
Concen: 2.124 ng
RT: 13.05 min Scan# 1864
Delta R.T. 0.24 min
Lab File: BF111074.D
Acq: 29 Nov 2018 5:22

Tgt Ion	Ratio	Lower	Upper
184	100		
185	17.1	13.4	20.2
183	9.4	9.4	14.2#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

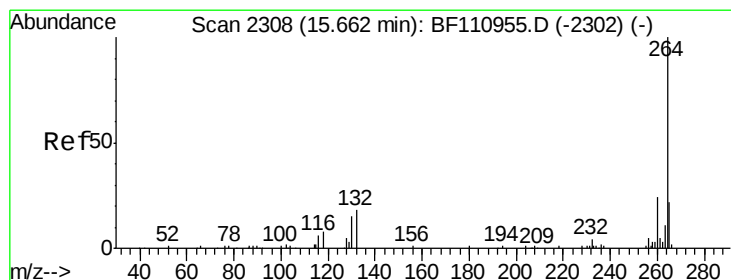
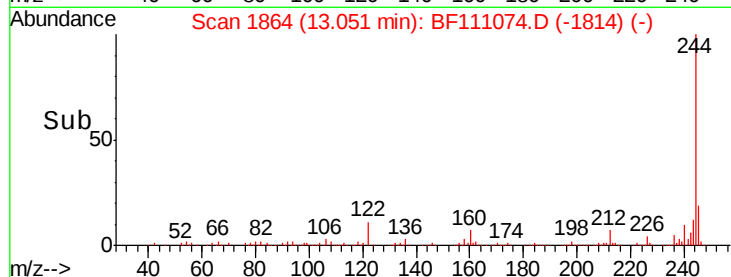
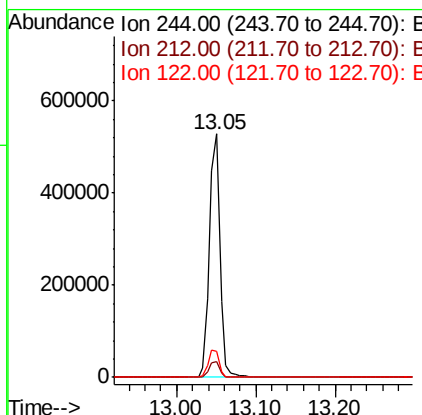
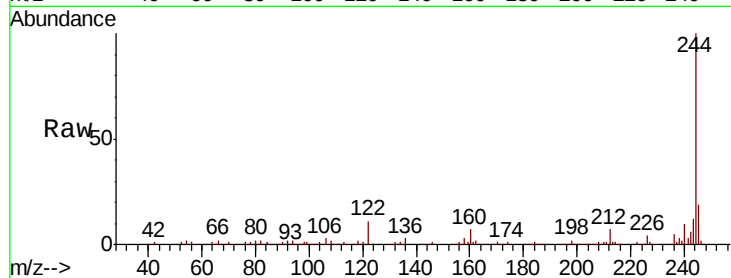




#79
 Terphenyl-d14
 Concen: 81.968 ng
 RT: 13.05 min Scan# 1864
 Delta R.T. -0.01 min
 Lab File: BF111074.D
 Acq: 29 Nov 2018 5:22

Instrument :
 BNA_F
 ClientSampleId :
 112618-TIPC-F-D-S

Tgt Ion:244 Resp: 490780
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.8
 122 10.6 8.7 13.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2308
 Delta R.T. -0.01 min
 Lab File: BF111074.D
 Acq: 29 Nov 2018 5:22

Tgt Ion:264 Resp: 93977
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.7 28.1
 265 23.1 16.7 25.1

