

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112818\
 Data File : BF111073.D
 Acq On : 29 Nov 2018 4:54
 Operator : JU/SJ
 Sample : J6078-07
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

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

Quant Time: Nov 29 06:01:00 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

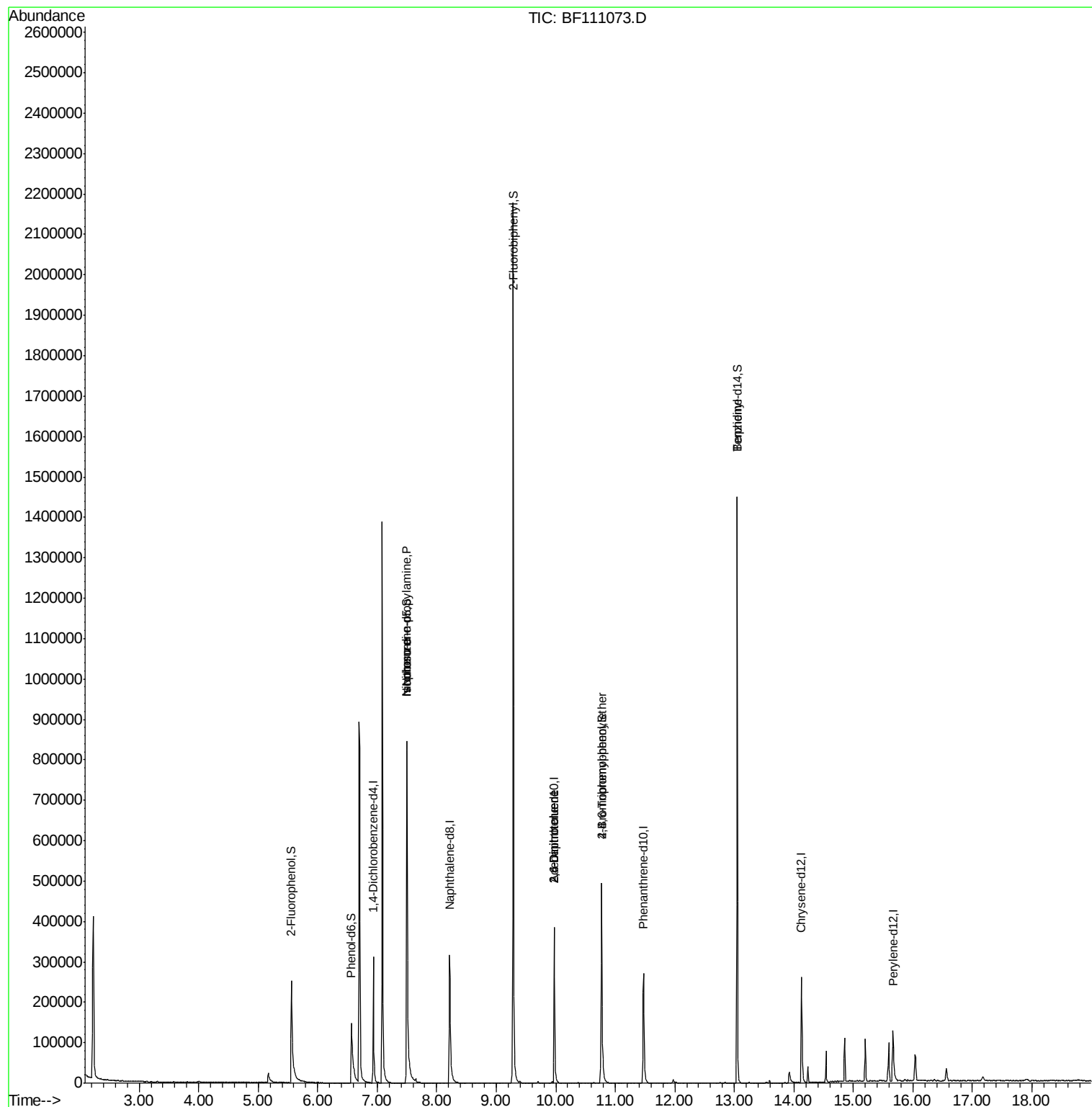
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	54344	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	227203	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	97382	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	148793	20.00	ng	0.00
76) Chrysene-d12	14.13	240	116157	20.00	ng	0.00
87) Perylene-d12	15.66	264	83789	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	140492	42.87	ng	0.00
7) Phenol-d6	6.57	99	103649	24.27	ng	0.00
23) Nitrobenzene-d5	7.50	82	375479	94.58	ng	-0.01
42) 2,4,6-Tribromophenol	10.77	330	74086	76.60	ng	-0.01
45) 2-Fluorobiphenyl	9.29	172	696472	103.62	ng	0.00
79) Terphenyl-d14	13.05	244	484024	81.12	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.50	70	49519	17.801	ng	# 80
25) Isophorone	7.50	82	375479	57.658	ng	# 67
51) 2,6-Dinitrotoluene	9.97	165	12124	7.625	ng	# 21
57) 2,4-Dinitrotoluene	9.97	165	12124	5.877	ng	# 17
67) 4-Bromophenyl-phenylether	10.77	248	4837	2.985	ng	# 1
77) Benzidine	13.05	184	6277	2.113	ng	# 96

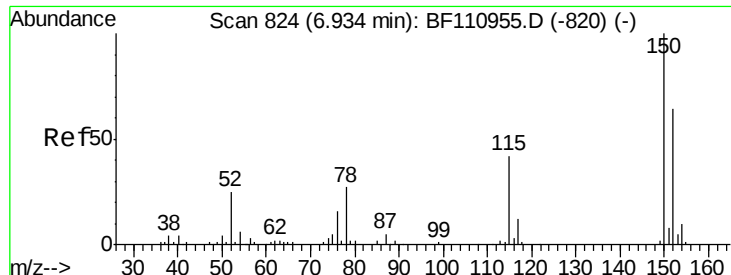
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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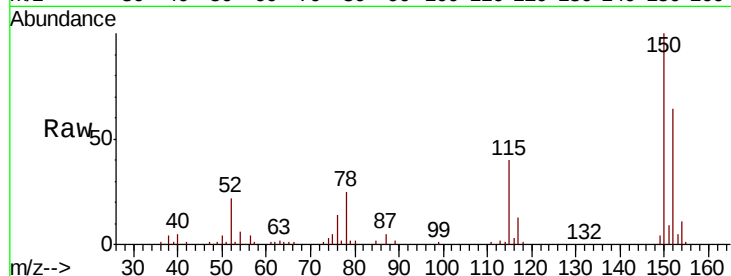




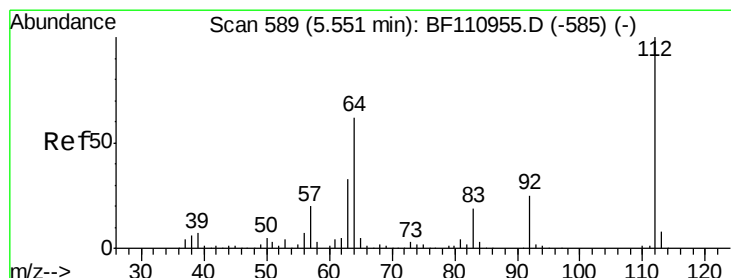
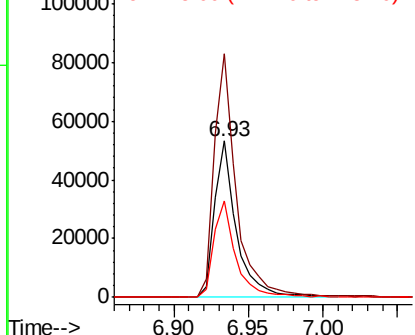
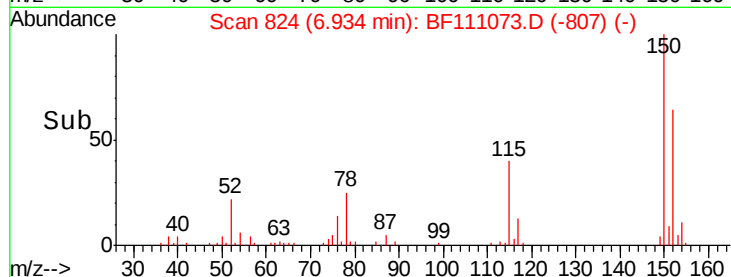
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.93 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BF111073.D
 Acq: 29 Nov 2018 4:54

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

Tgt Ion:152 Resp: 54344
 Ion Ratio Lower Upper
 152 100
 150 155.9 122.7 184.1
 115 61.7 49.1 73.7

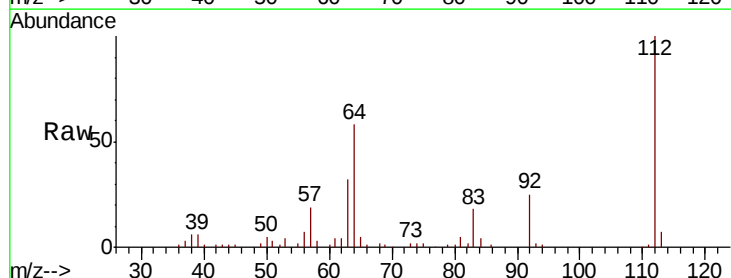


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

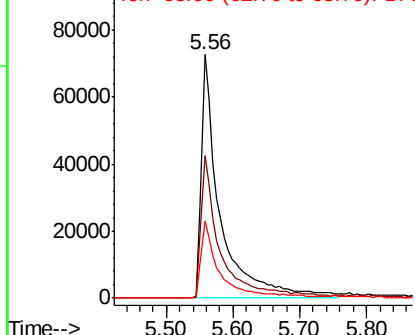
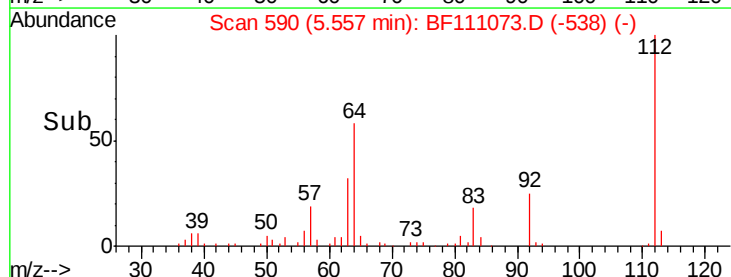


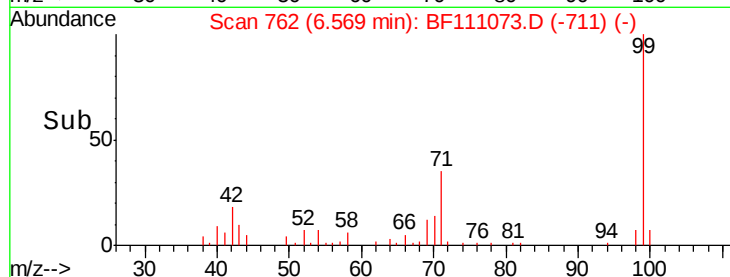
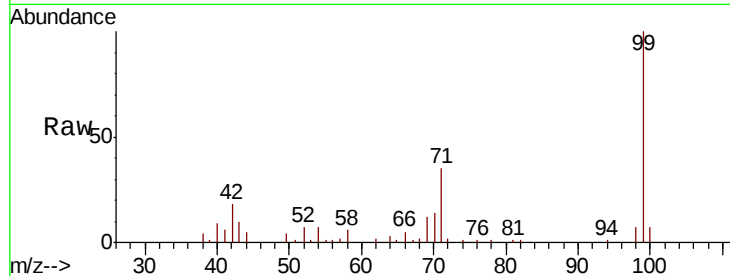
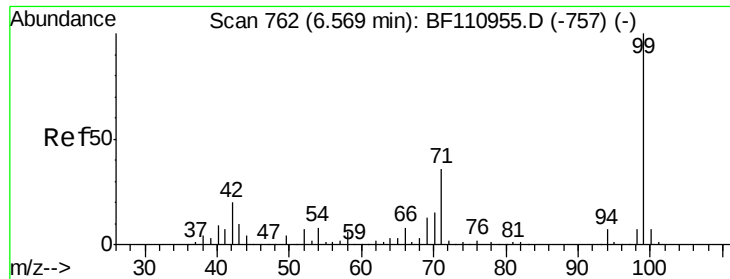
#5
 2-Fluorophenol
 Concen: 42.871 ng
 RT: 5.56 min Scan# 590
 Delta R.T. 0.01 min
 Lab File: BF111073.D
 Acq: 29 Nov 2018 4:54

Tgt Ion:112 Resp: 140492
 Ion Ratio Lower Upper
 112 100
 64 58.4 44.1 66.1
 63 31.5 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

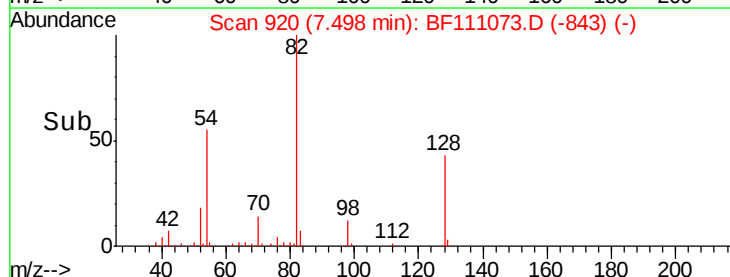
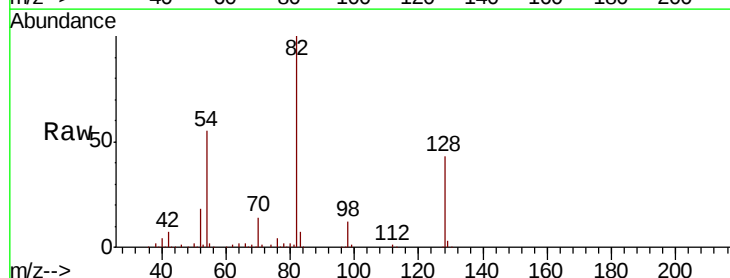
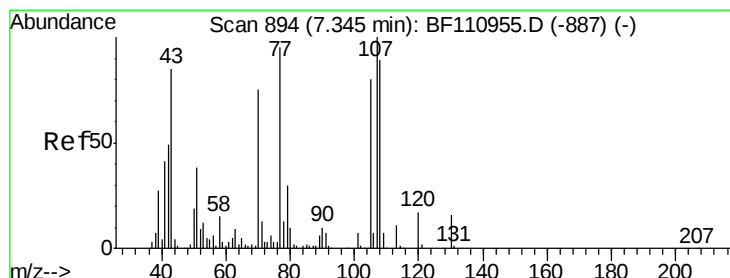
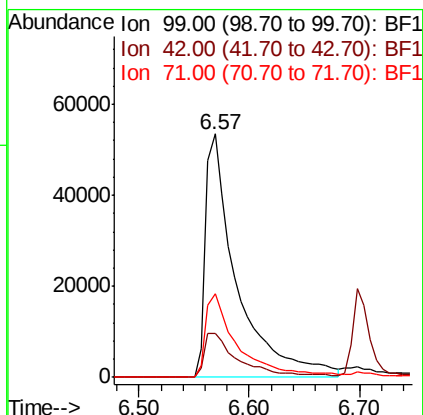




#7
 Phenol-d6
 Concen: 24.271 ng
 RT: 6.57 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF111073.D
 Acq: 29 Nov 2018 4:54

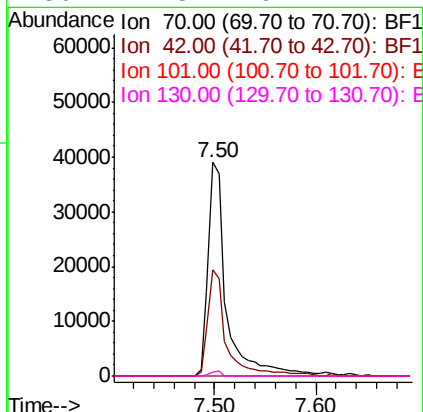
Instrument :
 BNA_F
 ClientSampleId :
 112618-TIPC-F-D-B

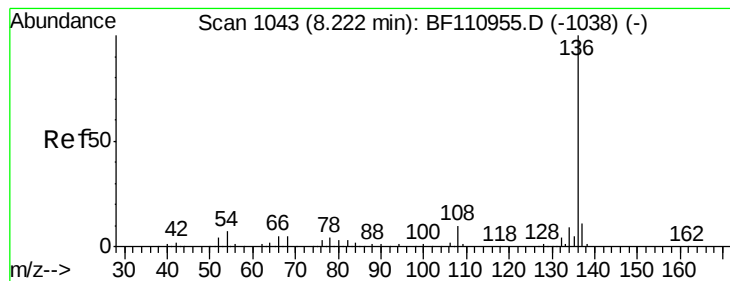
Tgt Ion	Ratio	Lower	Upper
99	100		
42	18.3	15.8	23.6
71	34.5	28.0	42.0



#19
 n-Nitroso-di-n-propylamine
 Concen: 17.801 ng
 RT: 7.50 min Scan# 920
 Delta R.T. 0.15 min
 Lab File: BF111073.D
 Acq: 29 Nov 2018 4:54

Tgt Ion	Ratio	Lower	Upper
70	100		
42	49.9	47.4	71.2
101	0.0	7.3	10.9#
130	1.8	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: BF111073.D

Acq: 29 Nov 2018 4:54

Instrument :

BNA_F

ClientSampleId :

112618-TIPC-F-D-B

Tgt Ion: 136 Resp: 227203

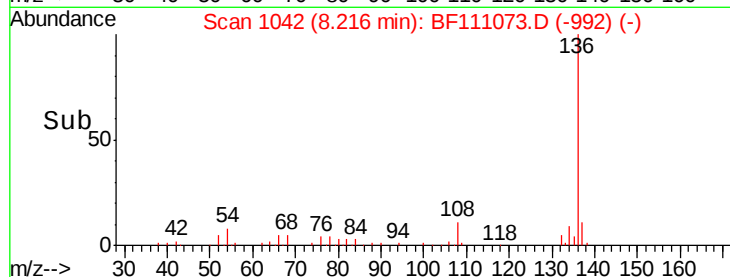
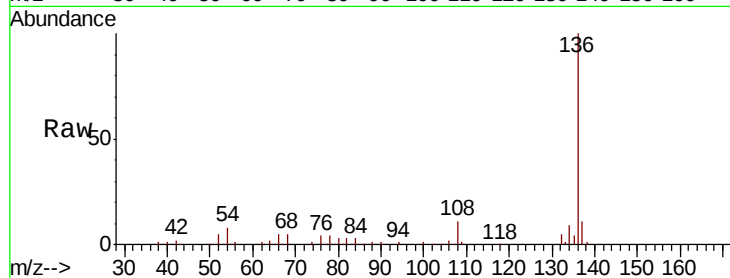
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 8.1 5.4 8.2

68 5.1 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

250000

200000

150000

100000

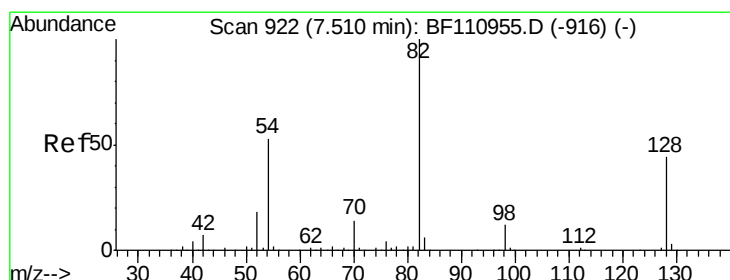
50000

0

8.22

8.10 8.20 8.30 8.40

Time-->



#23

Nitrobenzene-d5

Concen: 94.580 ng

RT: 7.50 min Scan# 920

Delta R.T. -0.01 min

Lab File: BF111073.D

Acq: 29 Nov 2018 4:54

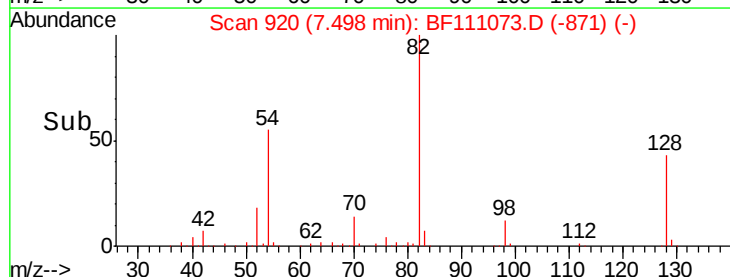
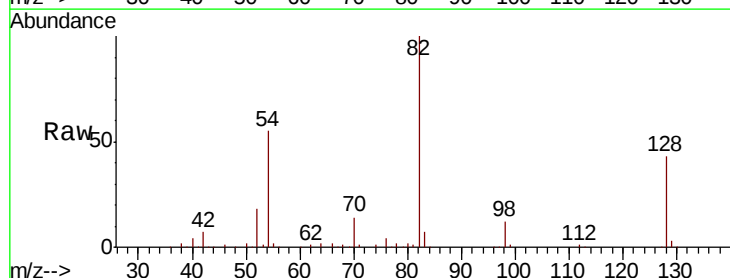
Tgt Ion: 82 Resp: 375479

Ion Ratio Lower Upper

82 100

128 42.5 34.2 51.2

54 55.0 38.6 58.0



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

400000

300000

200000

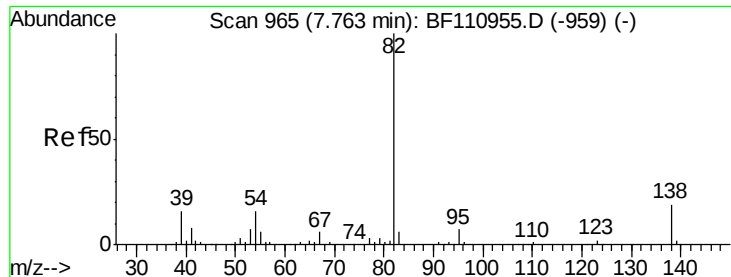
100000

0

7.50

7.40 7.50 7.60 7.70

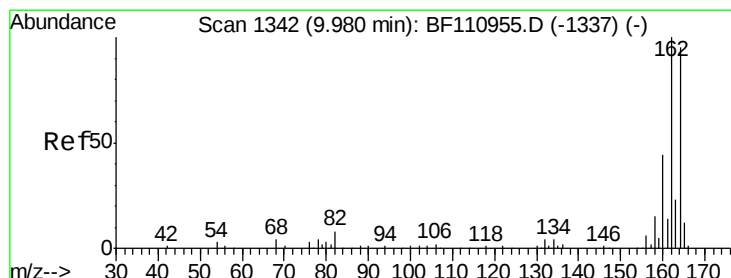
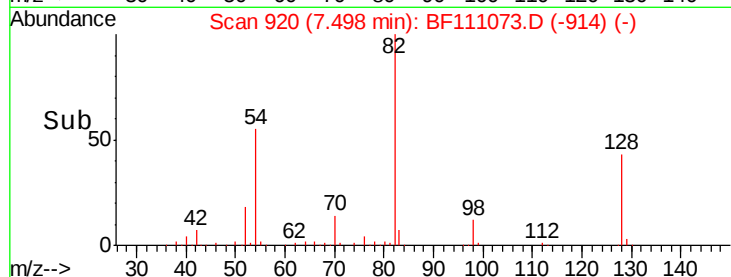
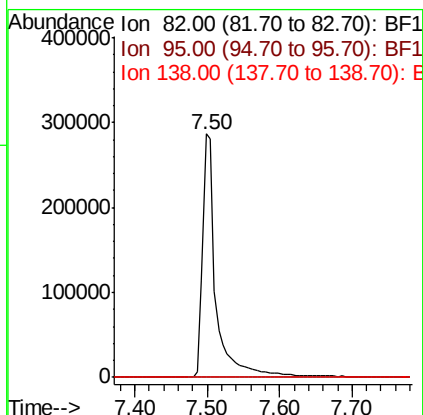
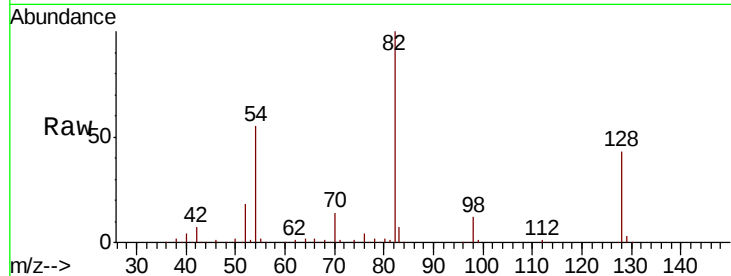
Time-->



#25
Isophorone
Concen: 57.658 ng
RT: 7.50 min Scan# 920
Delta R.T. -0.26 min
Lab File: BF111073.D
Acq: 29 Nov 2018 4:54

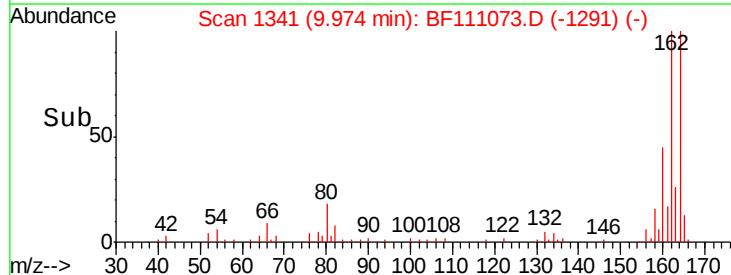
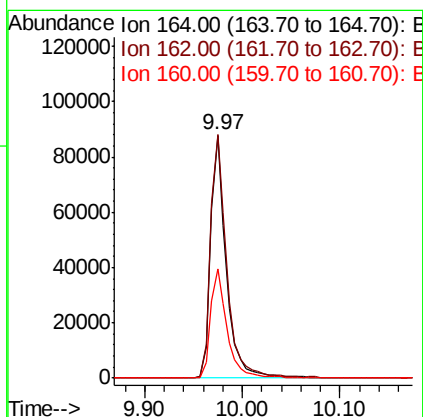
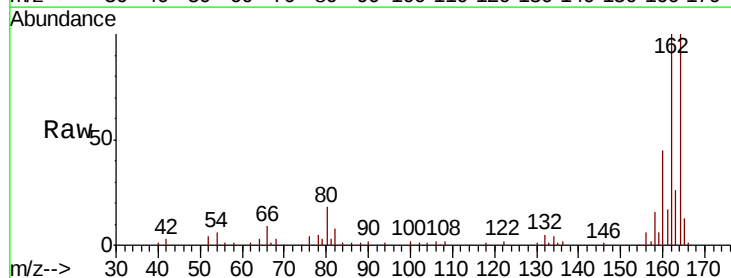
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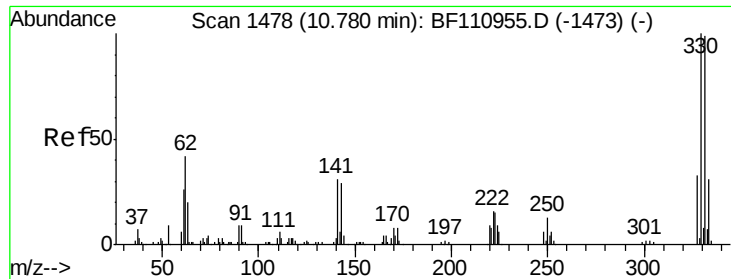
Tgt Ion: 82 Resp: 375479
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF111073.D
Acq: 29 Nov 2018 4:54

Tgt Ion: 164 Resp: 97382
Ion Ratio Lower Upper
164 100
162 100.4 83.0 124.6
160 45.2 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 76.604 ng

RT: 10.77 min Scan# 1476

Delta R.T. -0.01 min

Lab File: BF111073.D

Acq: 29 Nov 2018 4:54

Instrument :

BNA_F

ClientSampleId :

112618-TIPC-F-D-B

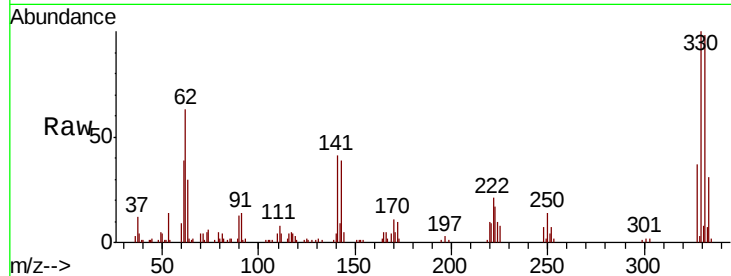
Tgt Ion:330 Resp: 74086

Ion Ratio Lower Upper

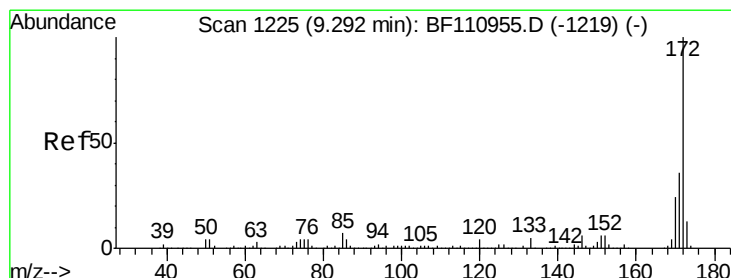
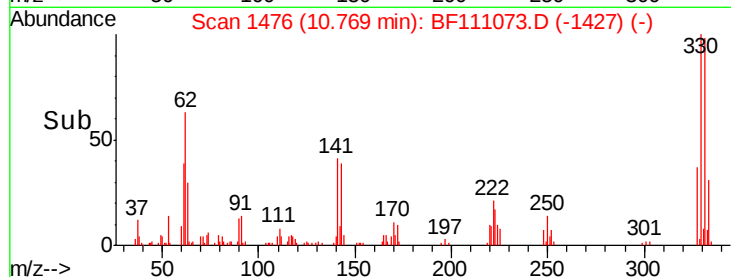
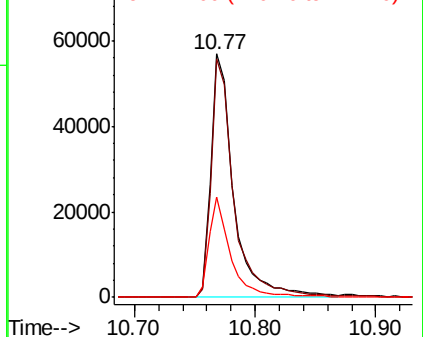
330 100

332 98.1 77.1 115.7

141 39.2 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: 103.616 ng

RT: 9.29 min Scan# 1224

Delta R.T. -0.01 min

Lab File: BF111073.D

Acq: 29 Nov 2018 4:54

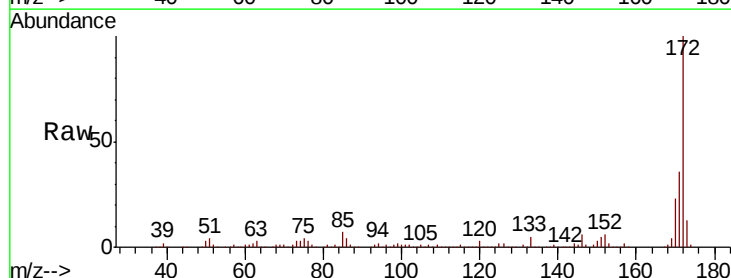
Tgt Ion:172 Resp: 696472

Ion Ratio Lower Upper

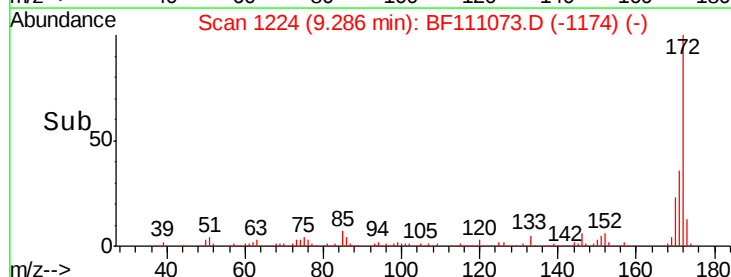
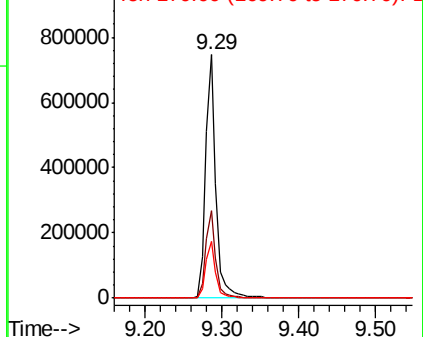
172 100

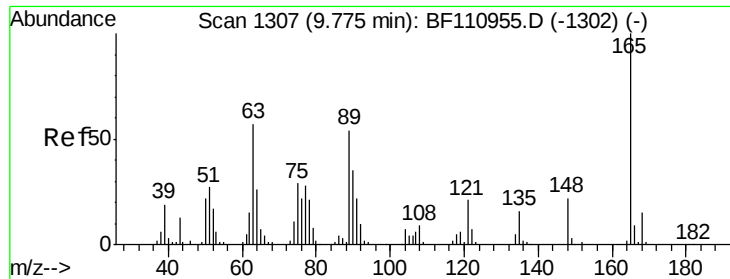
171 35.8 28.6 43.0

170 23.2 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

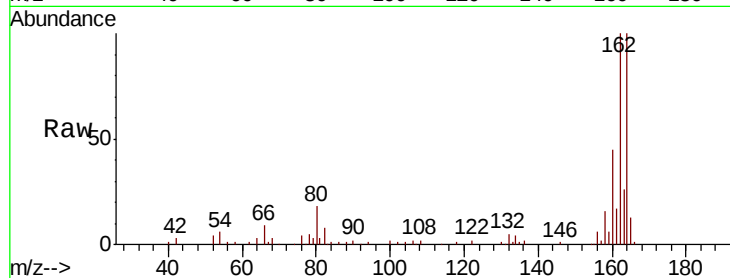




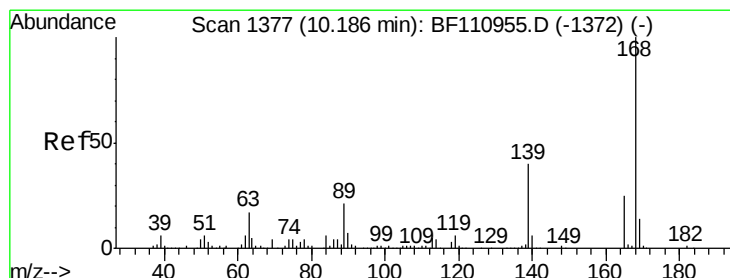
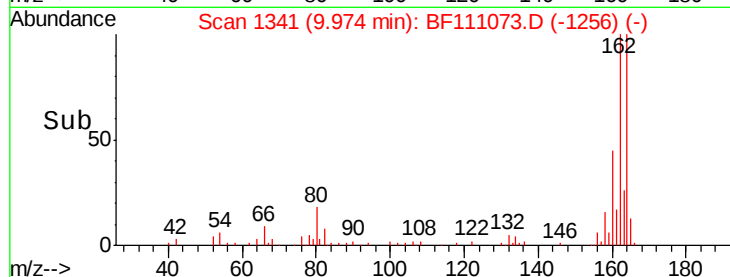
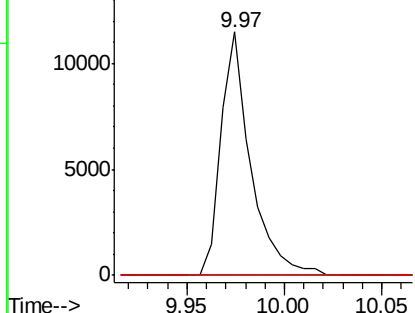
#51
 2,6-Dinitrotoluene
 Concen: 7.625 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. 0.20 min
 Lab File: BF111073.D
 Acq: 29 Nov 2018 4:54

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



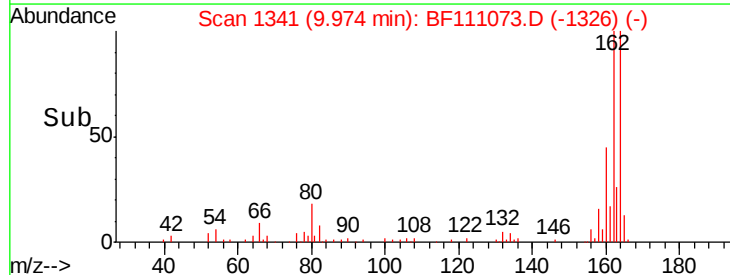
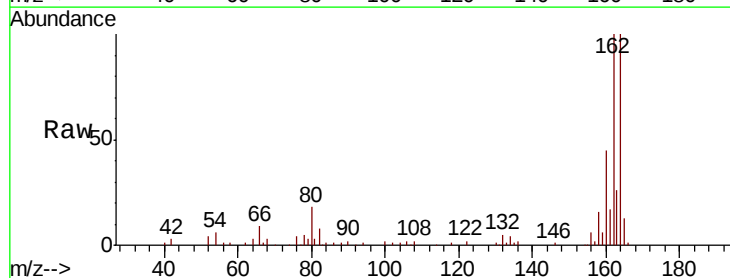
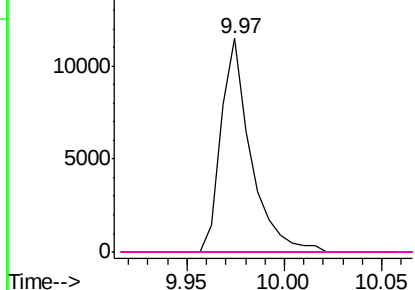
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

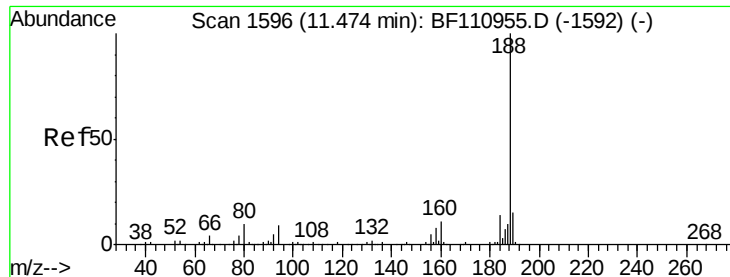


#57
 2,4-Dinitrotoluene
 Concen: 5.877 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.21 min
 Lab File: BF111073.D
 Acq: 29 Nov 2018 4:54

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

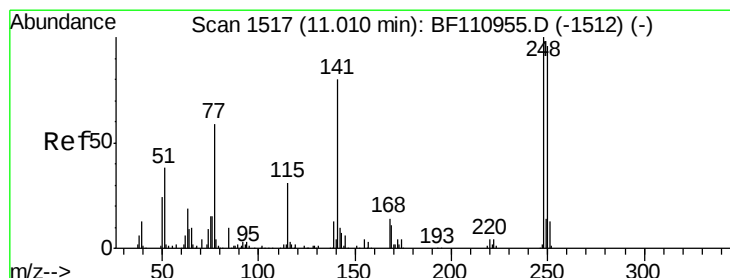
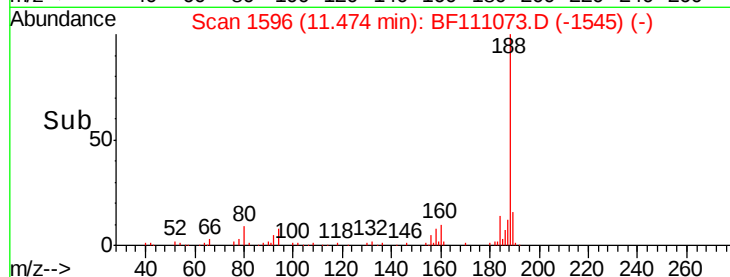
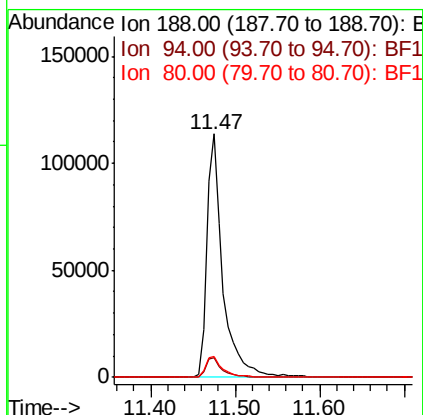
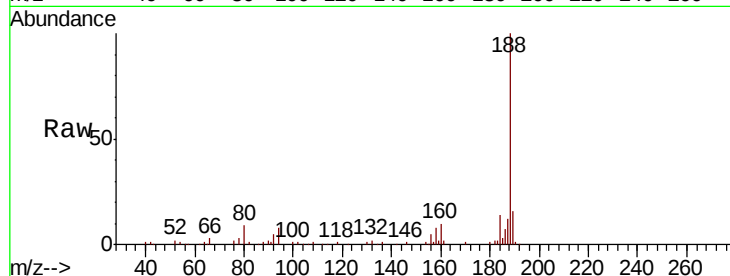




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BF111073.D
Acq: 29 Nov 2018 4:54

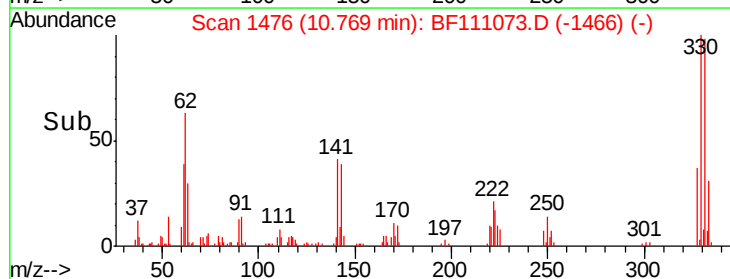
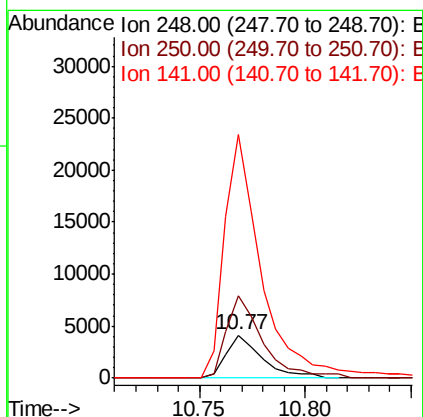
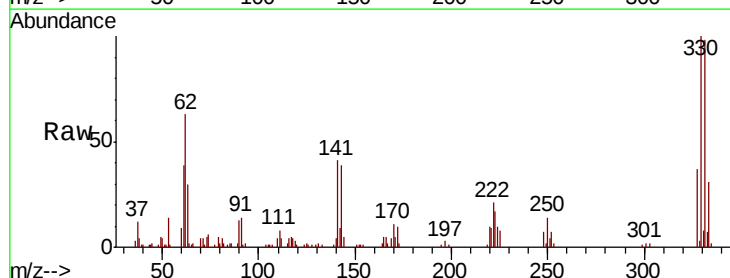
Instrument :
BNA_F
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112618-TIPC-F-D-B

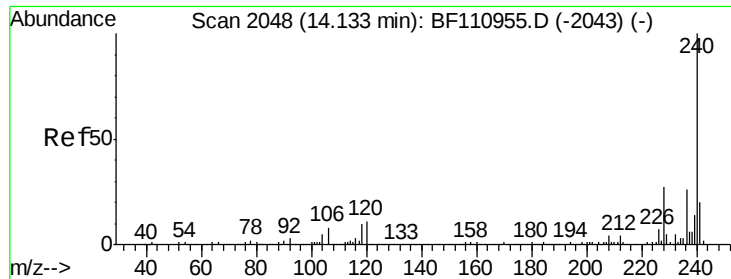
Tgt Ion:188 Resp: 148793
Ion Ratio Lower Upper
188 100
94 8.1 7.2 10.8
80 8.8 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 2.985 ng
RT: 10.77 min Scan# 1476
Delta R.T. -0.24 min
Lab File: BF111073.D
Acq: 29 Nov 2018 4:54

Tgt Ion:248 Resp: 4837
Ion Ratio Lower Upper
248 100
250 191.7 79.4 119.2#
141 563.7 55.9 83.9#

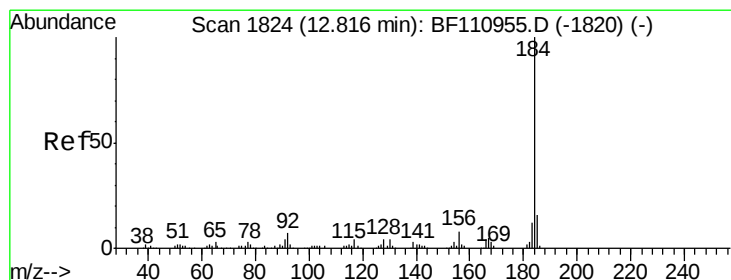
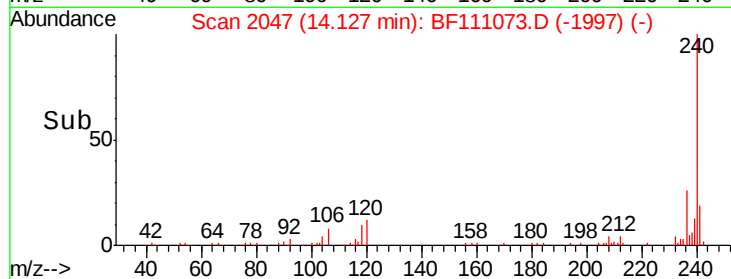
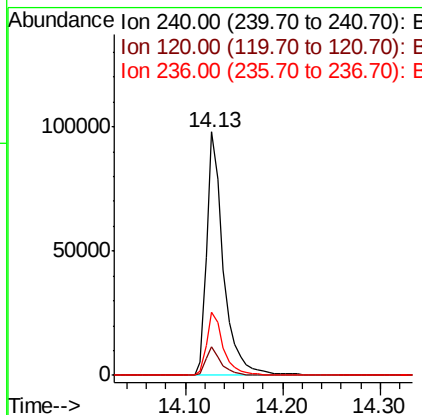
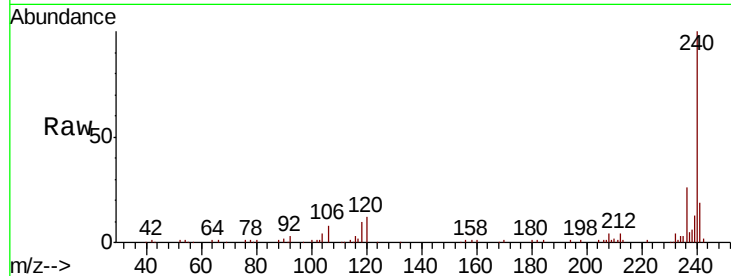




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2047
 Delta R.T. -0.01 min
 Lab File: BF111073.D
 Acq: 29 Nov 2018 4:54

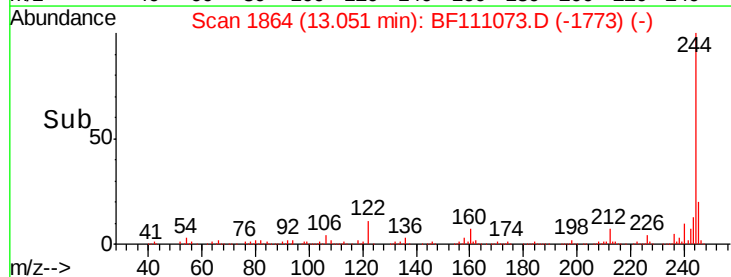
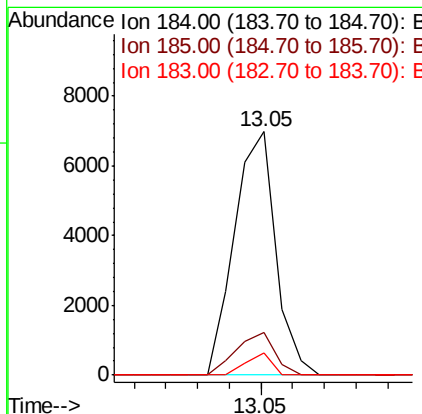
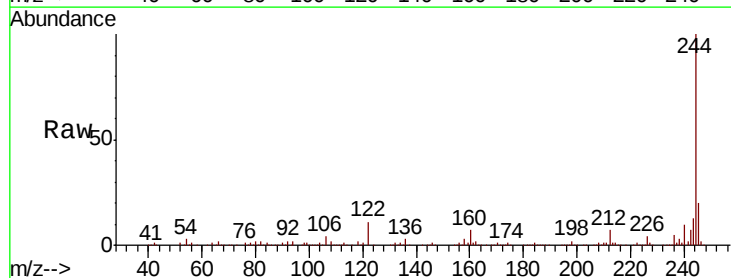
Instrument :
 BNA_F
 ClientSampleId :
 112618-TIPC-F-D-B

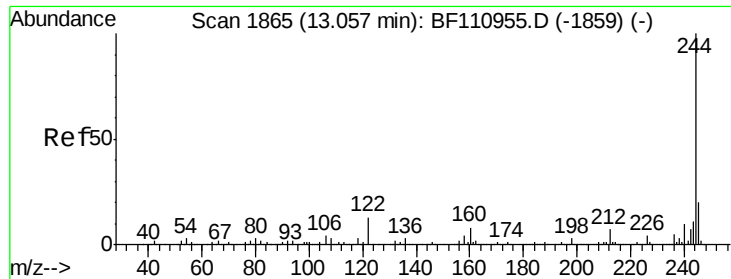
Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.6	8.3	12.5
236	25.8	21.2	31.8



#77
 Benzidine
 Concen: 2.113 ng
 RT: 13.05 min Scan# 1864
 Delta R.T. 0.24 min
 Lab File: BF111073.D
 Acq: 29 Nov 2018 4:54

Tgt Ion	Ratio	Lower	Upper
184	100		
185	17.3	13.4	20.2
183	9.1	9.4	14.2#





#79

Terphenyl-d14

Concen: 81.116 ng

RT: 13.05 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BF111073.D

Acq: 29 Nov 2018 4:54

Instrument :

BNA_F

ClientSampleId :

112618-TIPC-F-D-B

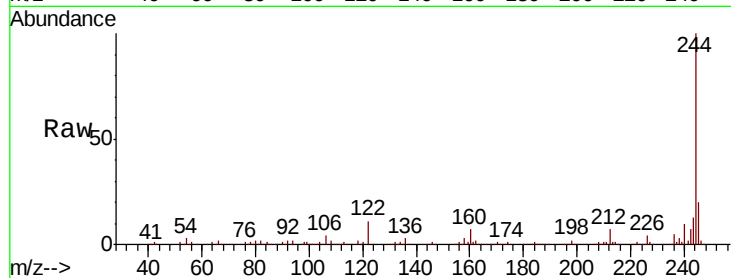
Tgt Ion:244 Resp: 484024

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

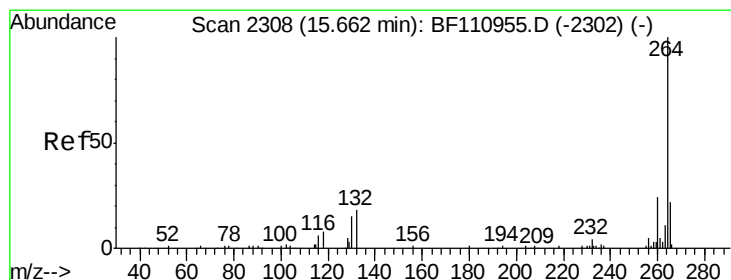
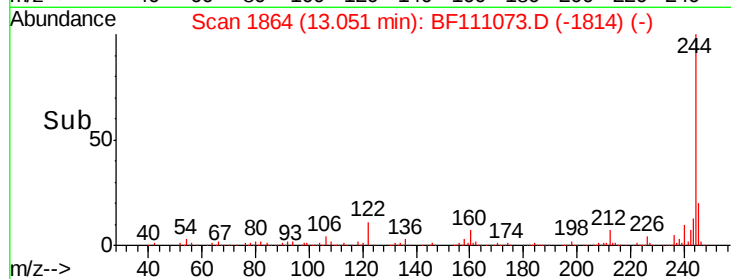
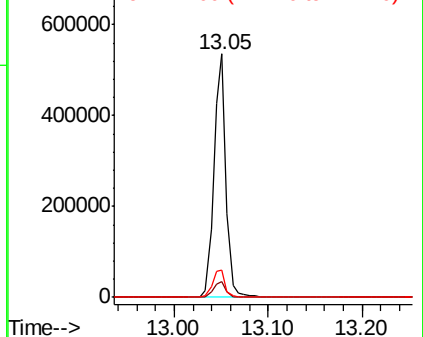
122 11.0 8.7 13.1



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

Perylene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2308

Delta R.T. -0.01 min

Lab File: BF111073.D

Acq: 29 Nov 2018 4:54

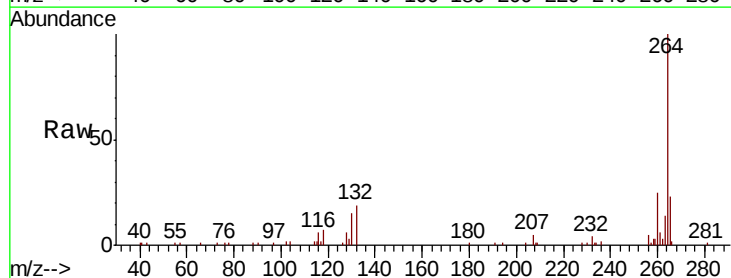
Tgt Ion:264 Resp: 83789

Ion Ratio Lower Upper

264 100

260 24.6 18.7 28.1

265 22.6 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

