

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112718\
 Data File : BF111031.D
 Acq On : 28 Nov 2018 2:04
 Operator : JU/SJ
 Sample : J5070-15
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 112418-CHDE-F-D-B

Quant Time: Nov 28 03:16:34 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

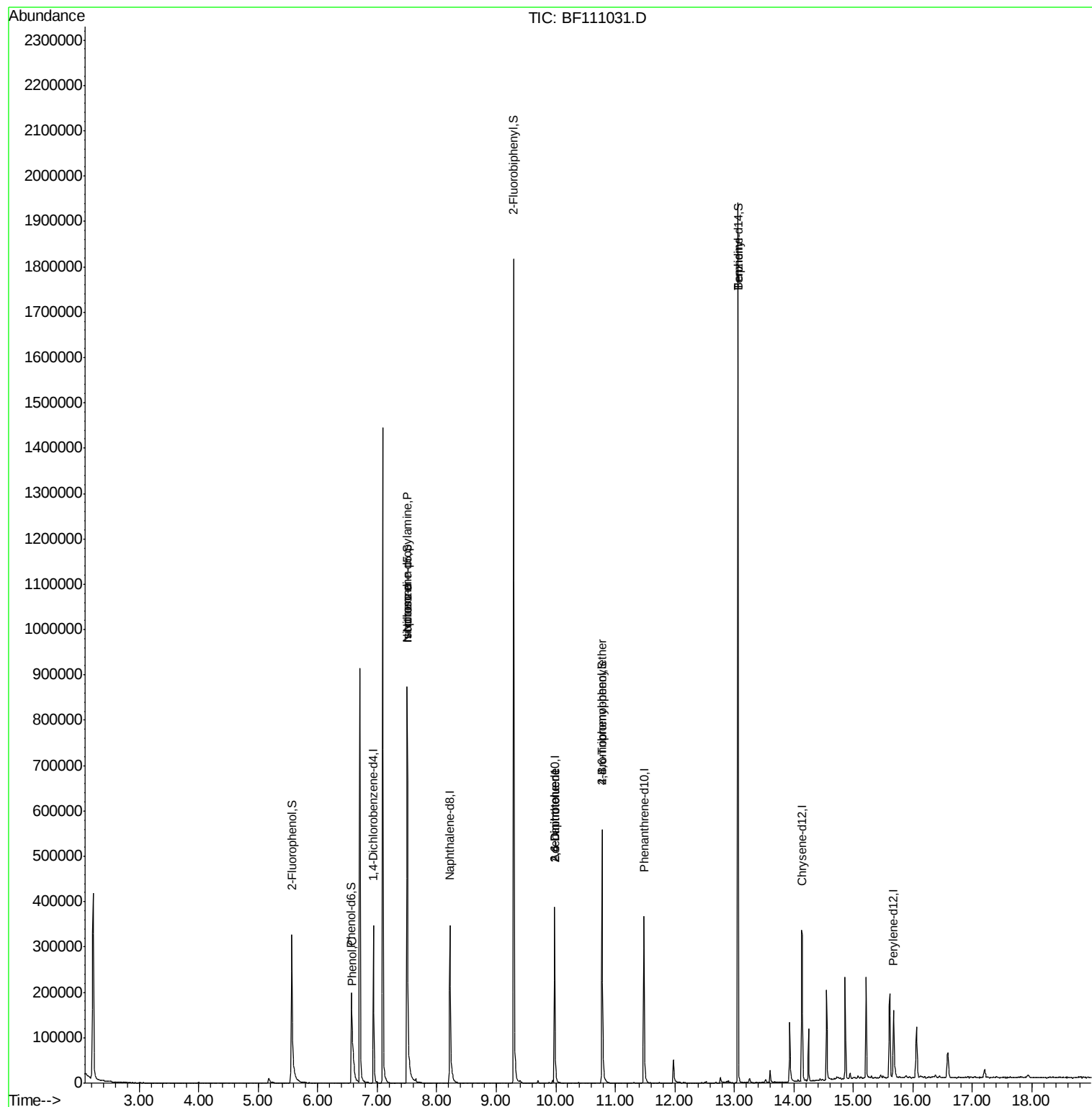
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	58274	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	219642	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	89312	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	171750	20.00	ng	0.00
76) Chrysene-d12	14.13	240	140903	20.00	ng	0.00
87) Perylene-d12	15.67	264	90727	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	149209	42.46	ng	0.01
7) Phenol-d6	6.57	99	109426	23.90	ng	0.00
23) Nitrobenzene-d5	7.50	82	348867	90.90	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	80016	90.21	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	593331	96.25	ng	0.00
79) Terphenyl-d14	13.06	244	619270	85.56	ng	0.00
Target Compounds						
10) Phenol	6.59	94	14073	2.729	ng	# 78
19) n-Nitroso-di-n-propylamine	7.50	70	45725	15.328	ng	# 81
25) Isophorone	7.50	82	348867	55.416	ng	# 67
51) 2,6-Dinitrotoluene	9.98	165	10757	7.377	ng	# 21
57) 2,4-Dinitrotoluene	9.98	165	10757	5.686	ng	# 17
67) 4-Bromophenyl-phenylether	10.78	248	5043	2.696	ng	# 1
77) Benzidine	13.06	184	8453	2.345	ng	95

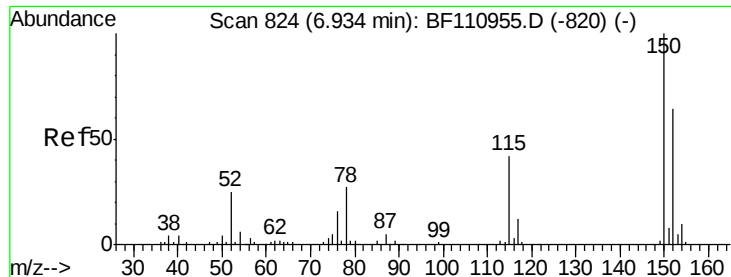
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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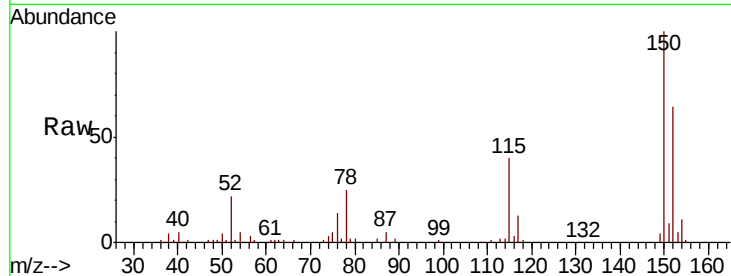


#1

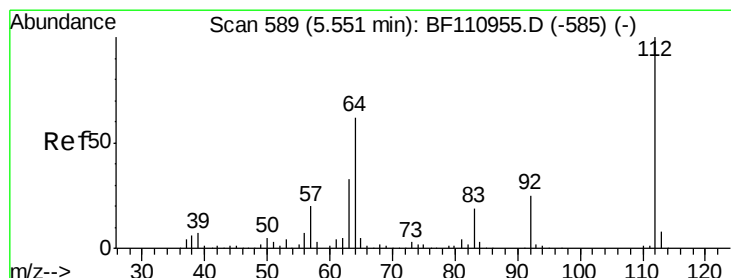
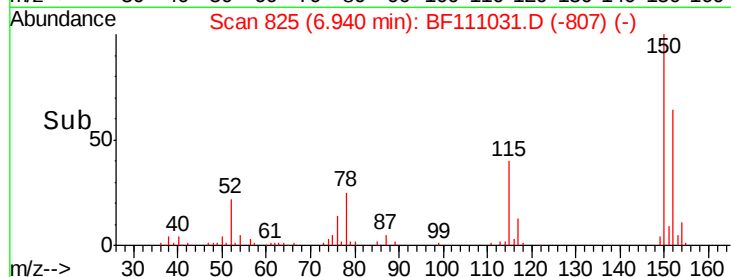
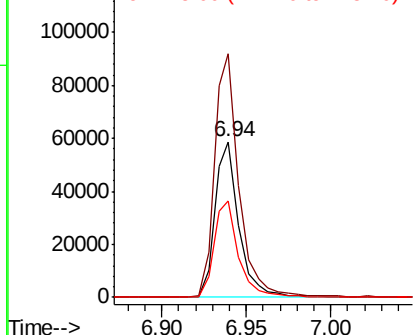
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.01 min
Lab File: BF111031.D
Acq: 28 Nov 2018 2:04

Instrument :
BNA_F
ClientSampleId :
112418-CHDE-F-D-B

Tgt Ion:152 Resp: 58274
Ion Ratio Lower Upper
152 100
150 156.6 122.7 184.1
115 62.1 49.1 73.7



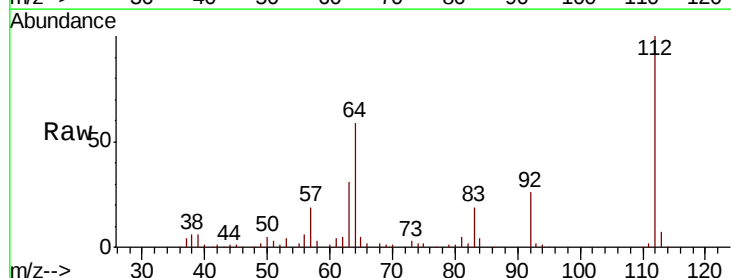
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



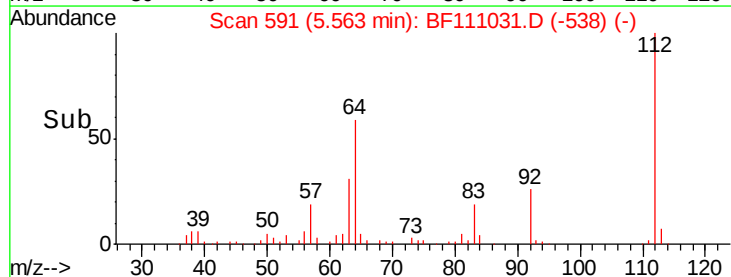
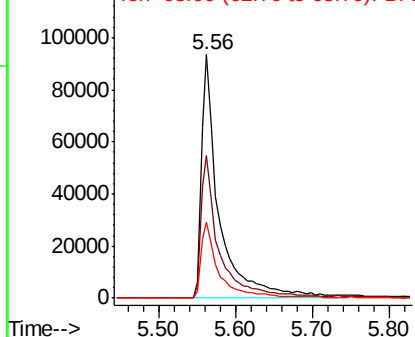
#5

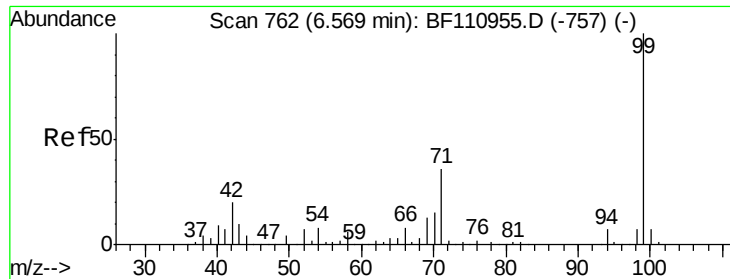
2-Fluorophenol
Concen: 42.461 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.01 min
Lab File: BF111031.D
Acq: 28 Nov 2018 2:04

Tgt Ion:112 Resp: 149209
Ion Ratio Lower Upper
112 100
64 58.7 44.1 66.1
63 31.3 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: 23.895 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.00 min

Lab File: BF111031.D

Acq: 28 Nov 2018 2:04

Instrument :

BNA_F

ClientSampleId :

112418-CHDE-F-D-B

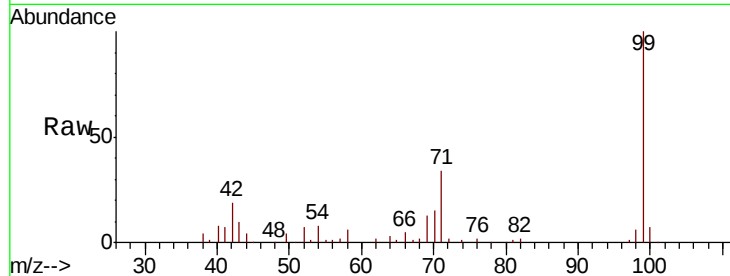
Tgt Ion: 99 Resp: 109426

Ion Ratio Lower Upper

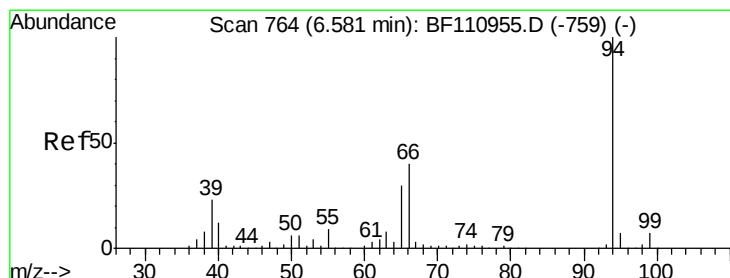
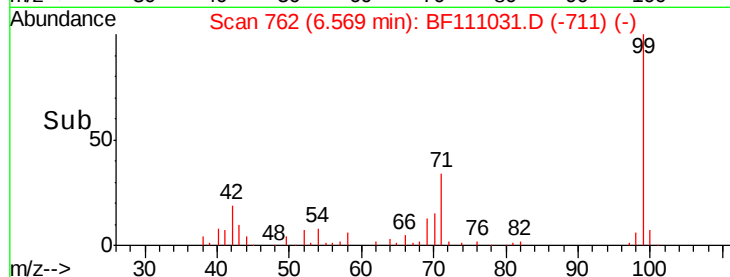
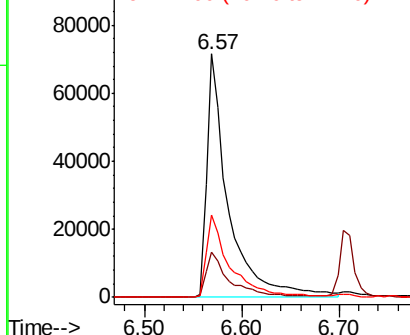
99 100

42 18.6 15.8 23.6

71 33.8 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.729 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF111031.D

Acq: 28 Nov 2018 2:04

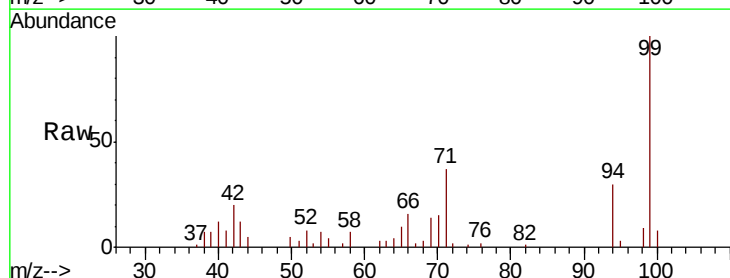
Tgt Ion: 94 Resp: 14073

Ion Ratio Lower Upper

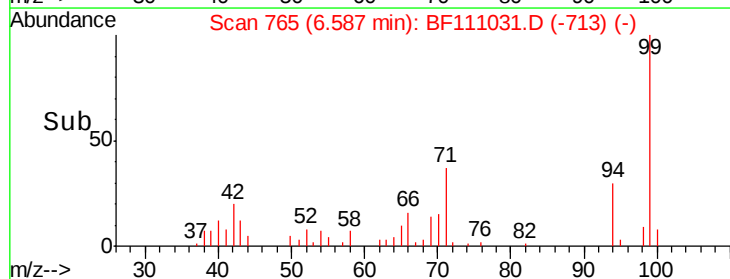
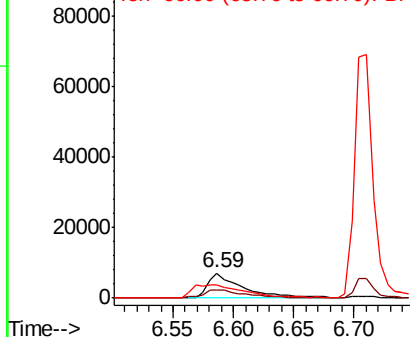
94 100

65 32.7 25.3 65.3

66 54.3 54.5 94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 15.328 ng

RT: 7.50 min Scan# 921

Delta R.T. 0.16 min

Lab File: BF111031.D

Acq: 28 Nov 2018 2:04

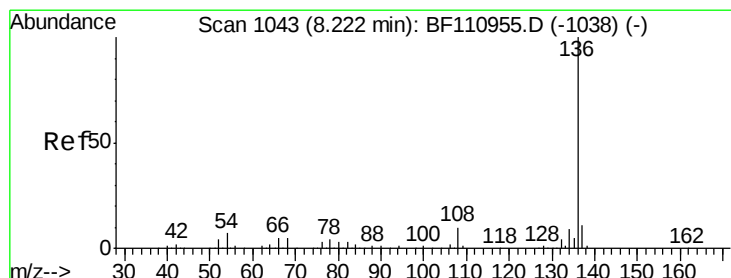
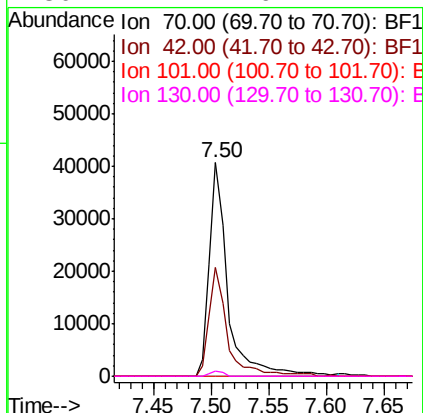
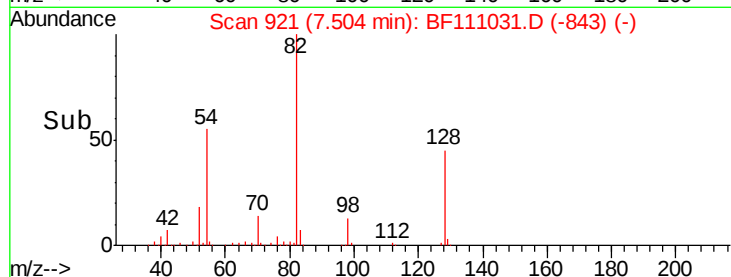
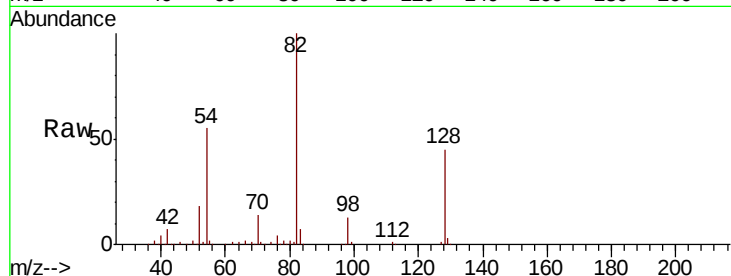
Instrument :

BNA_F

ClientSampleId :

112418-CHDE-F-D-B

Tgt Ion:	70	Resp:	45725
Ion	Ratio	Lower	Upper
70	100		
42	51.0	47.4	71.2
101	0.0	7.3	10.9#
130	2.2	16.2	24.2#



#21

Naphthalene-d8

Concen: 20.000 ng

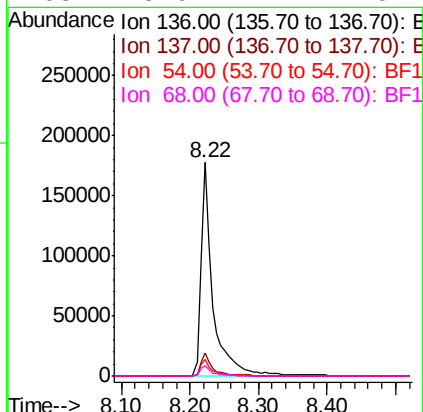
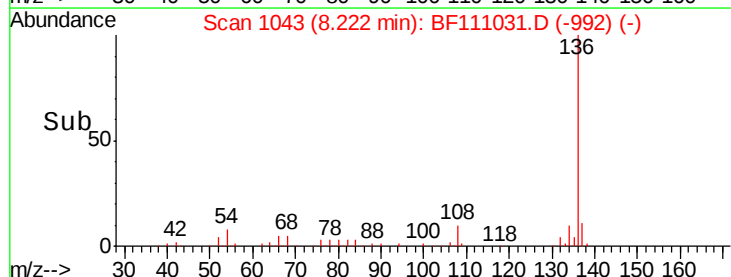
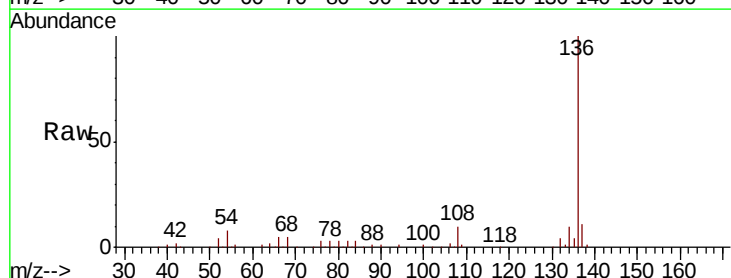
RT: 8.22 min Scan# 1043

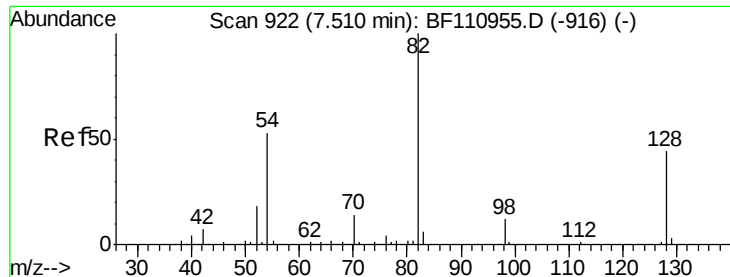
Delta R.T. -0.00 min

Lab File: BF111031.D

Acq: 28 Nov 2018 2:04

Tgt Ion:	136	Resp:	219642
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.6	5.4	8.2
68	5.0	4.2	6.2

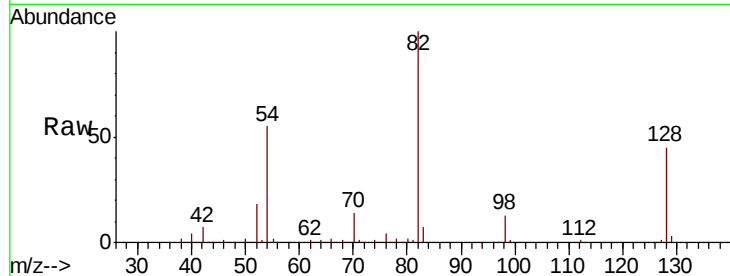




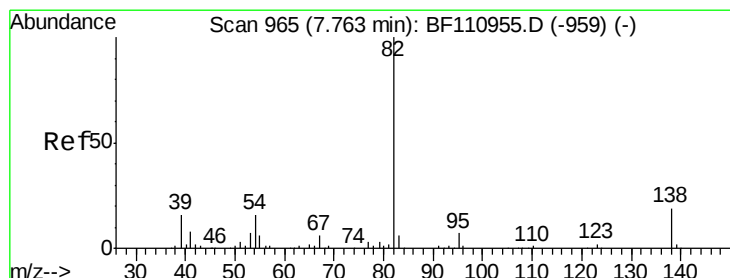
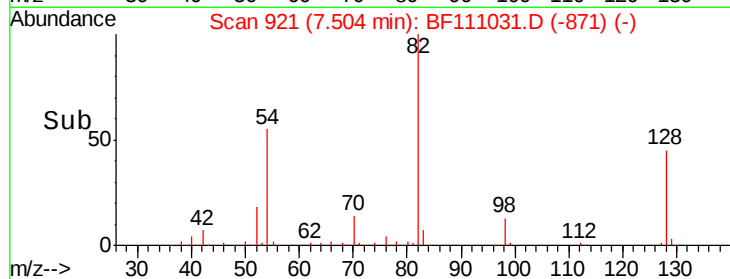
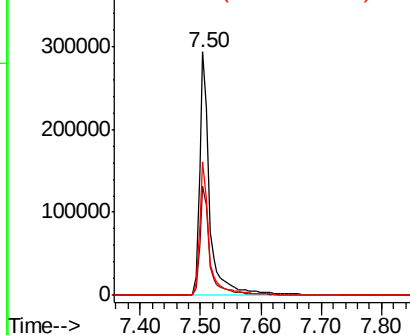
#23
 Nitrobenzene-d5
 Concen: 90.902 ng
 RT: 7.50 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: BF111031.D
 Acq: 28 Nov 2018 2:04

Instrument :
 BNA_F
 ClientSampleId :
 112418-CHDE-F-D-B

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.6	34.2	51.2
54	55.0	38.6	58.0

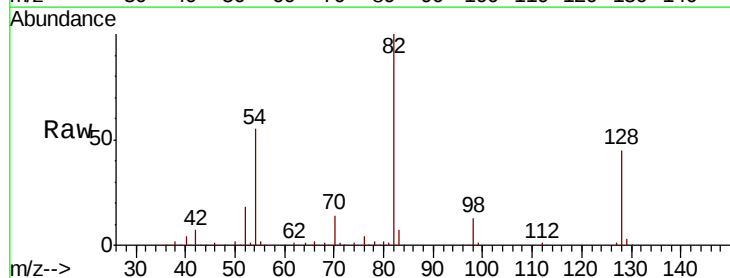


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

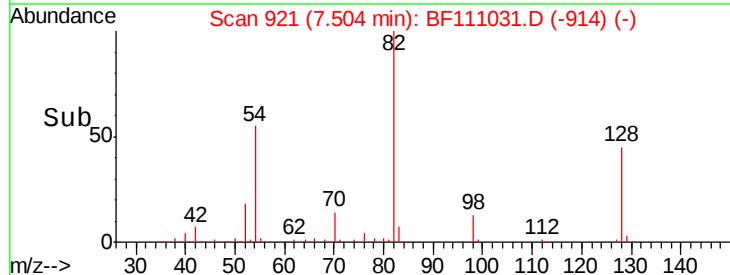
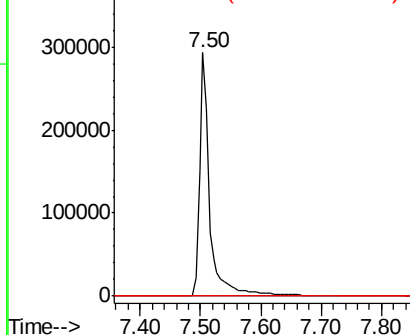


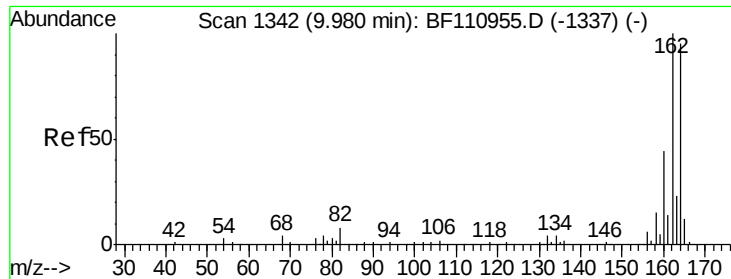
#25
 Isophorone
 Concen: 55.416 ng
 RT: 7.50 min Scan# 921
 Delta R.T. -0.26 min
 Lab File: BF111031.D
 Acq: 28 Nov 2018 2:04

Tgt 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: 9.98 min Scan# 1342

Delta R.T. -0.00 min

Lab File: BF111031.D

Acq: 28 Nov 2018 2:04

Instrument :

BNA_F

ClientSampleId :

112418-CHDE-F-D-B

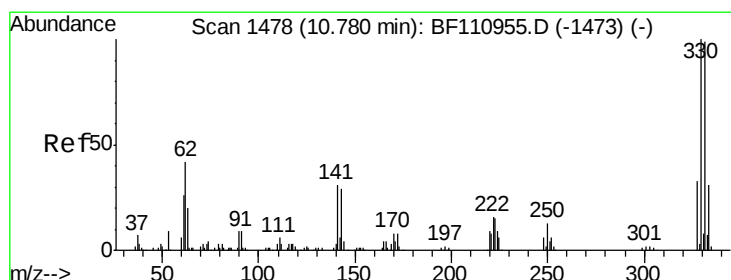
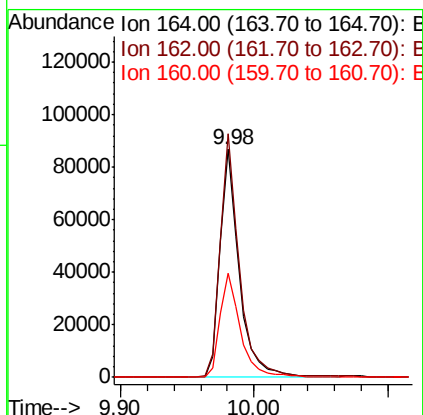
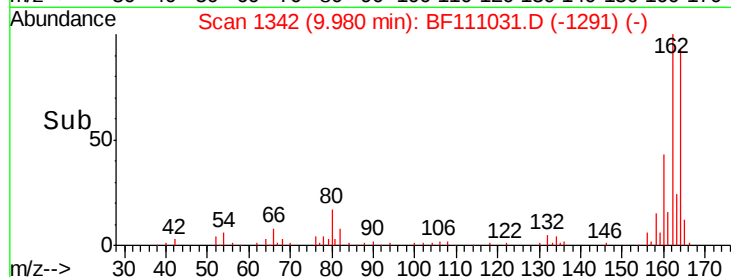
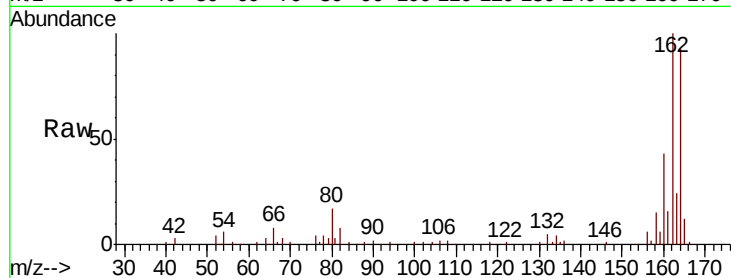
Tgt Ion:164 Resp: 89312

Ion Ratio Lower Upper

164 100

162 107.0 83.0 124.6

160 46.0 37.0 55.6



#42

2,4,6-Tribromophenol

Concen: 90.211 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.00 min

Lab File: BF111031.D

Acq: 28 Nov 2018 2:04

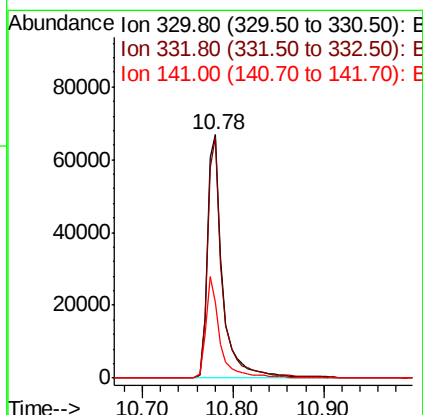
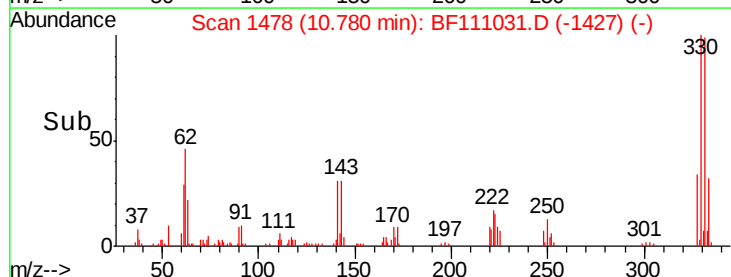
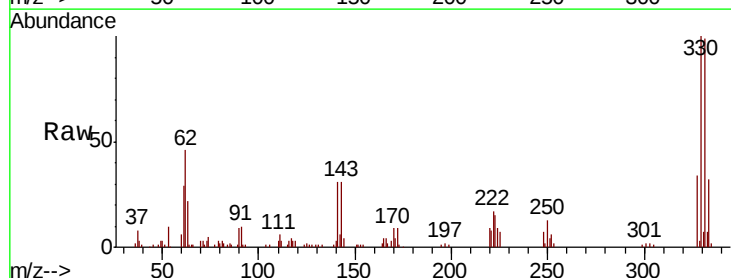
Tgt Ion:330 Resp: 80016

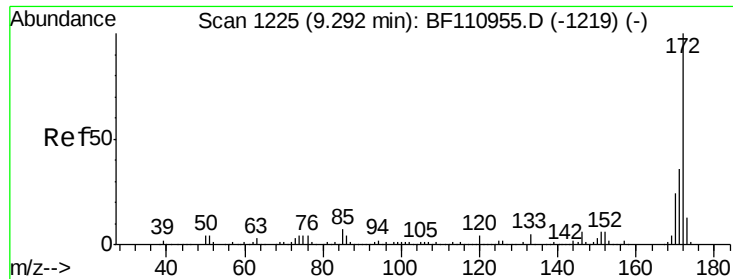
Ion Ratio Lower Upper

330 100

332 96.5 77.1 115.7

141 38.0 27.0 40.4

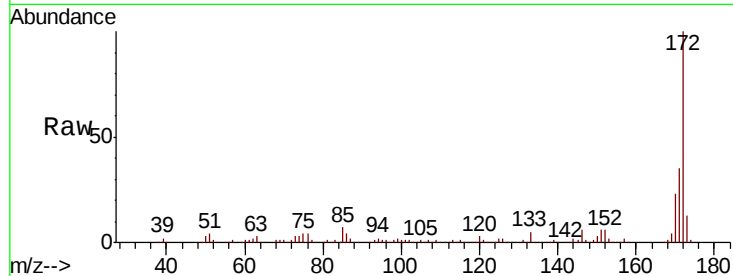




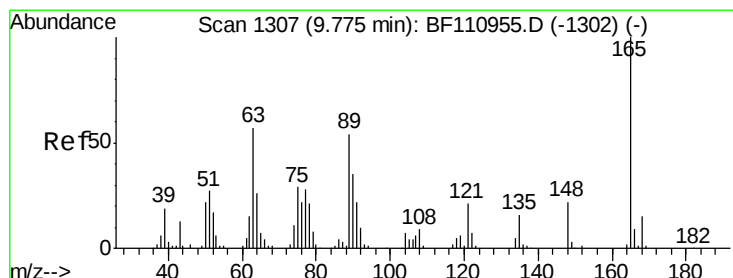
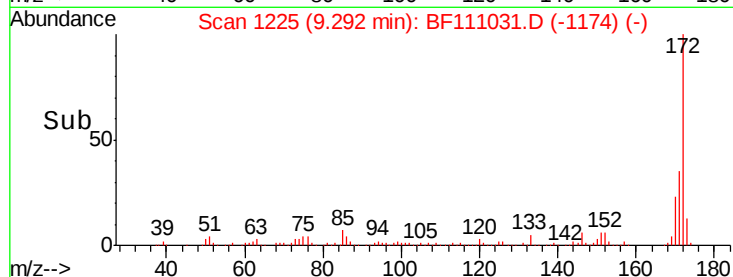
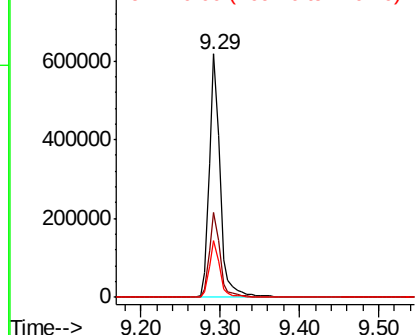
#45
 2-Fluorobiphenyl
 Concen: 96.247 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: BF111031.D
 Acq: 28 Nov 2018 2:04

Instrument :
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Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	43.0
170	23.2	19.7	29.5

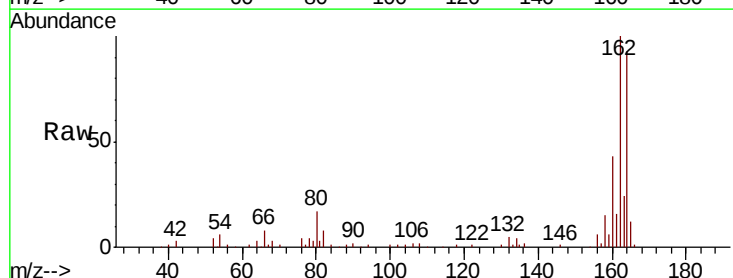


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

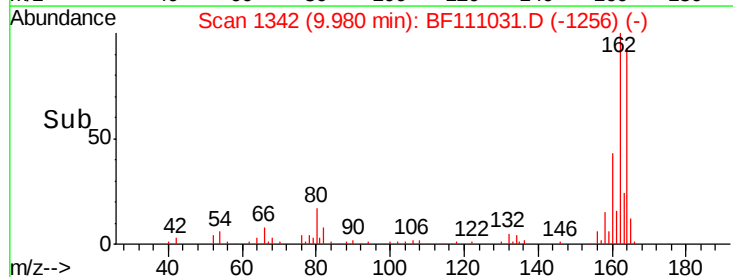
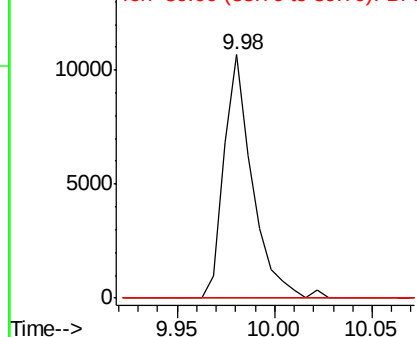


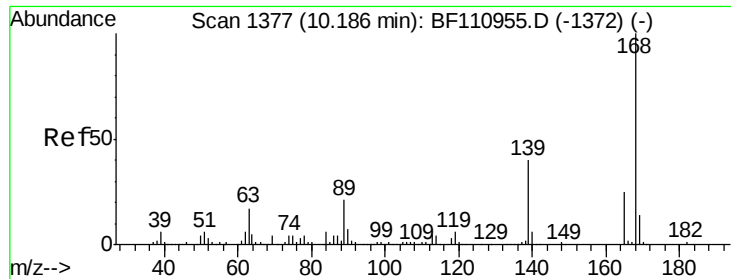
#51
 2,6-Dinitrotoluene
 Concen: 7.377 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.21 min
 Lab File: BF111031.D
 Acq: 28 Nov 2018 2:04

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

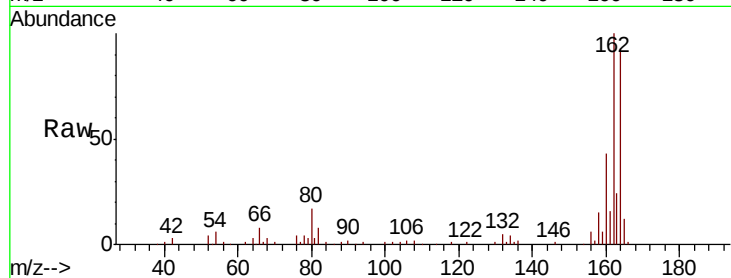




#57
 2,4-Dinitrotoluene
 Concen: 5.686 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.21 min
 Lab File: BF111031.D
 Acq: 28 Nov 2018 2:04

Instrument :
 BNA_F
 ClientSampleId :
 112418-CHDE-F-D-B

Tgt Ion:	165	Resp:	10757
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#

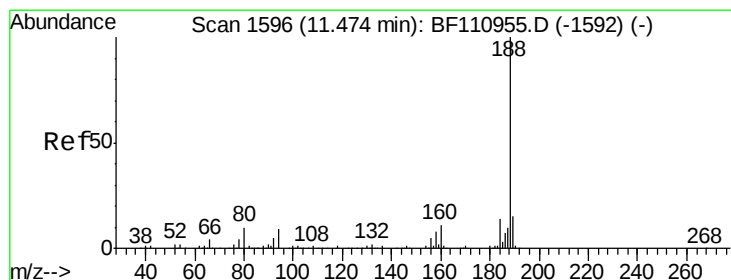
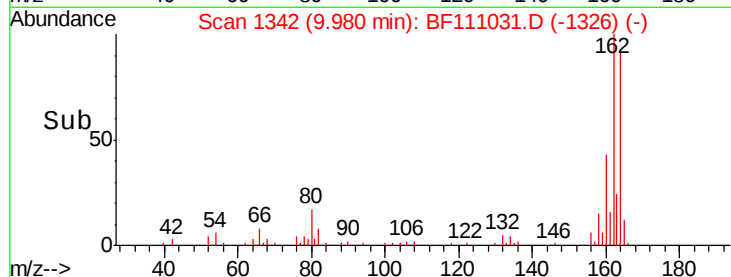
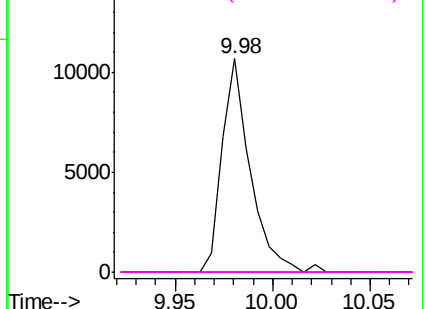


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

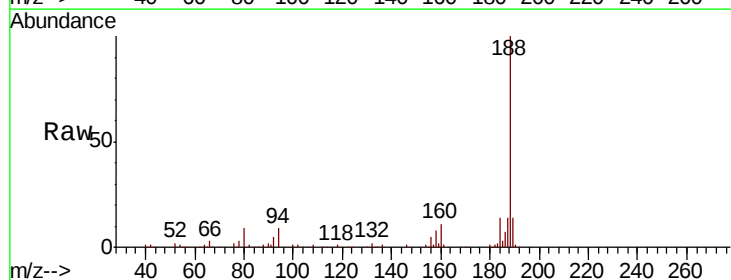
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. 0.01 min
 Lab File: BF111031.D
 Acq: 28 Nov 2018 2:04

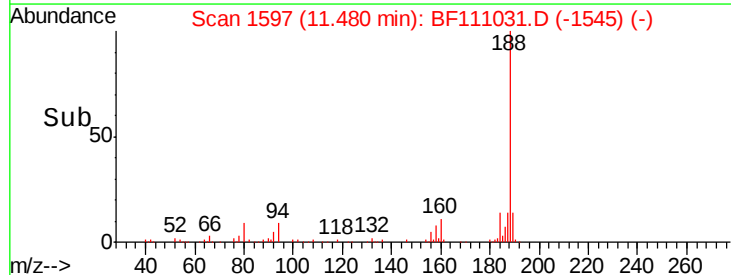
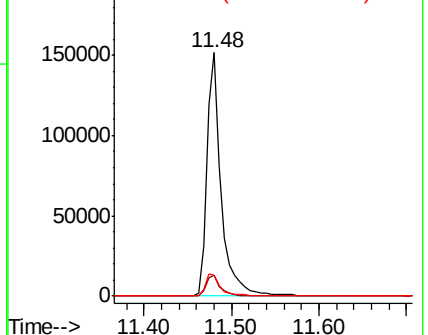
Tgt Ion:	188	Resp:	171750
Ion Ratio	Lower	Upper	
188	100		
94	8.6	7.2	10.8
80	8.8	7.9	11.9

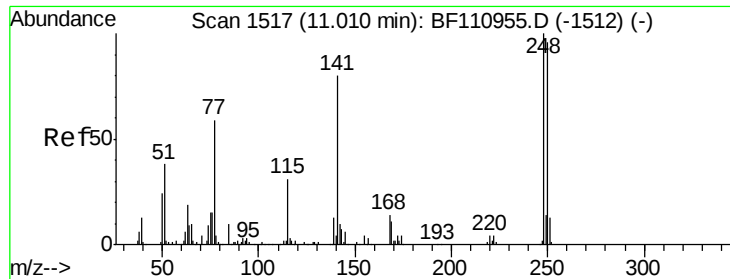


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

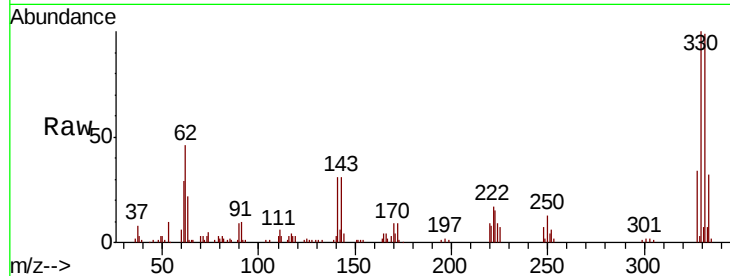




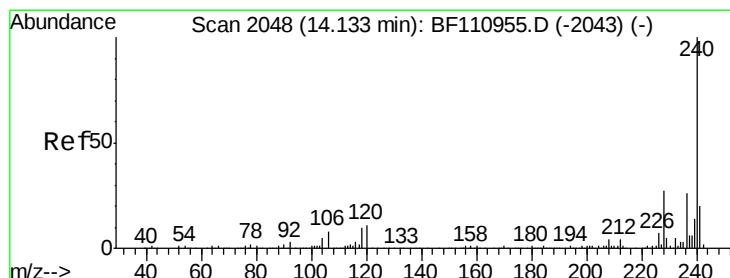
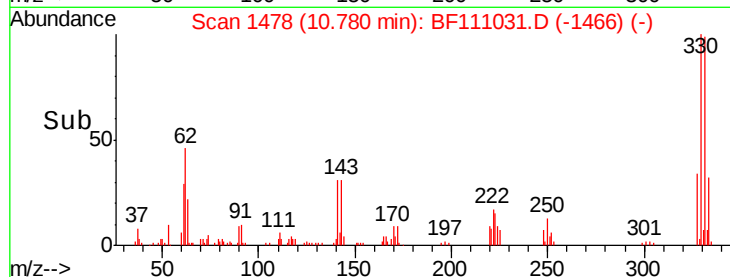
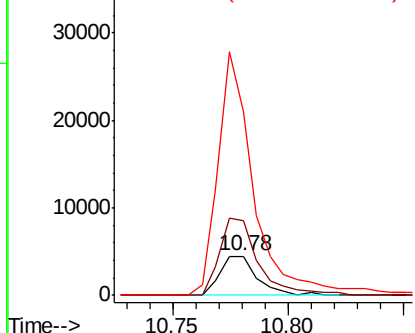
#67
 4-Bromophenyl-phenylether
 Concen: 2.696 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.23 min
 Lab File: BF111031.D
 Acq: 28 Nov 2018 2:04

Instrument :
 BNA_F
 ClientSampleId :
 112418-CHDE-F-D-B

Tgt Ion:248 Resp: 5043
 Ion Ratio Lower Upper
 248 100
 250 190.4 79.4 119.2#
 141 470.5 55.9 83.9#

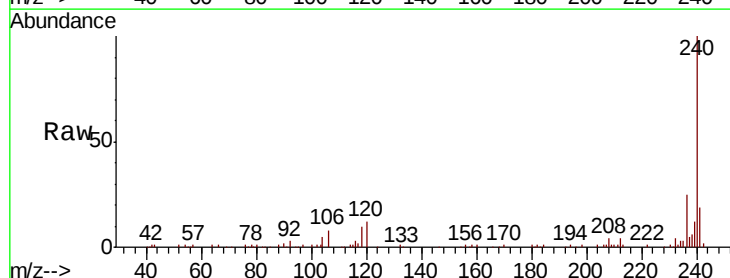


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

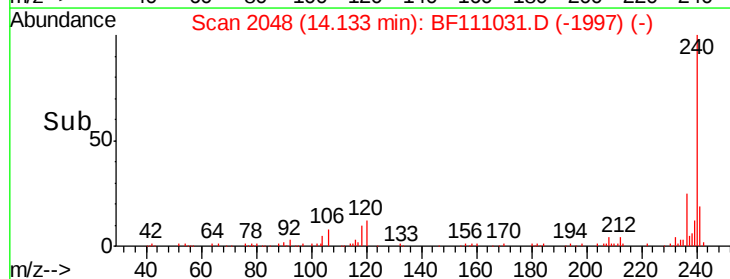
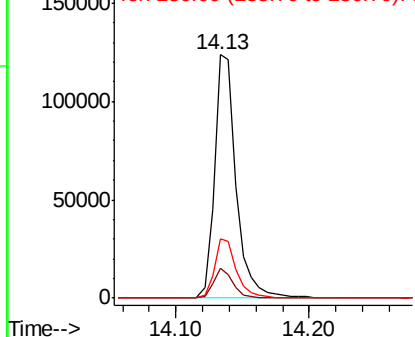


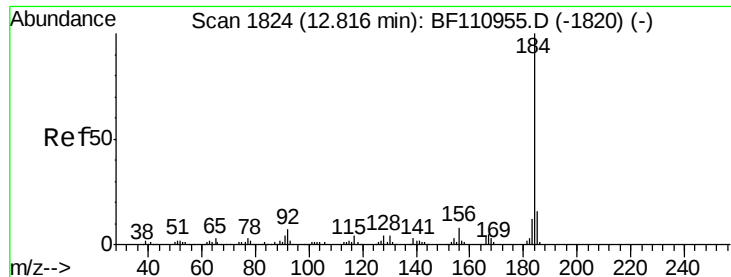
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.00 min
 Lab File: BF111031.D
 Acq: 28 Nov 2018 2:04

Tgt Ion:240 Resp: 140903
 Ion Ratio Lower Upper
 240 100
 120 12.1 8.3 12.5
 236 24.6 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





#77

Benzidine

Concen: 2.345 ng

RT: 13.06 min Scan# 1866

Delta R.T. 0.25 min

Lab File: BF111031.D

Acq: 28 Nov 2018 2:04

Instrument :

BNA_F

ClientSampleId :

112418-CHDE-F-D-B

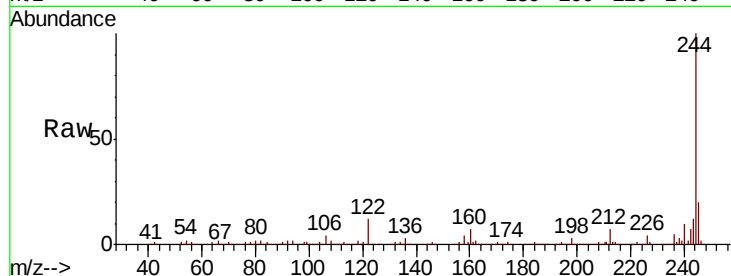
Tgt Ion:184 Resp: 8453

Ion Ratio Lower Upper

184 100

185 18.7 13.4 20.2

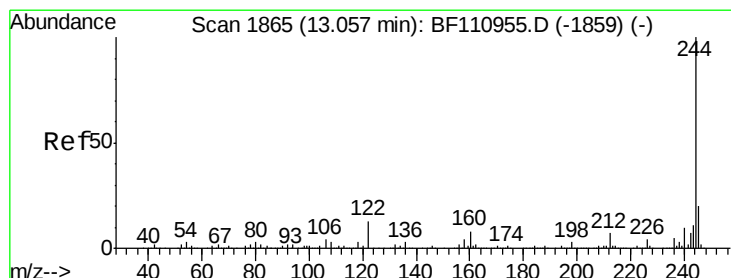
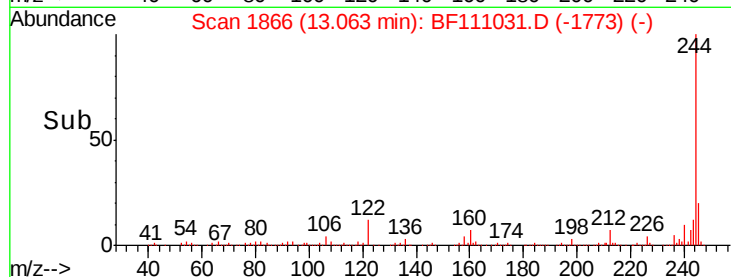
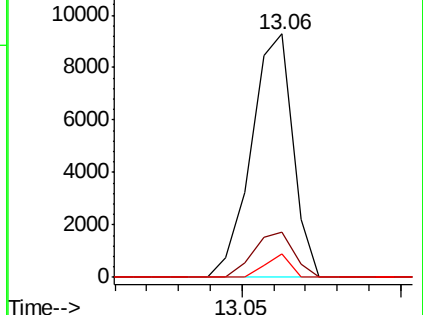
183 9.9 9.4 14.2



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: 85.555 ng

RT: 13.06 min Scan# 1866

Delta R.T. 0.01 min

Lab File: BF111031.D

Acq: 28 Nov 2018 2:04

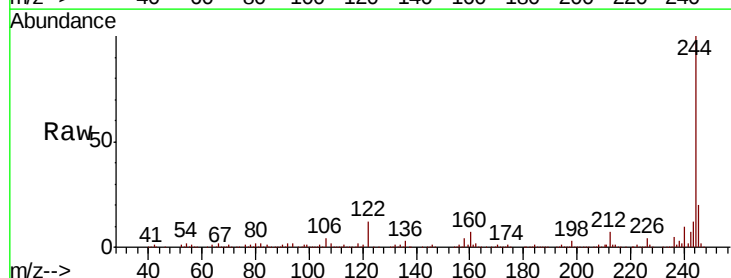
Tgt Ion:244 Resp: 619270

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

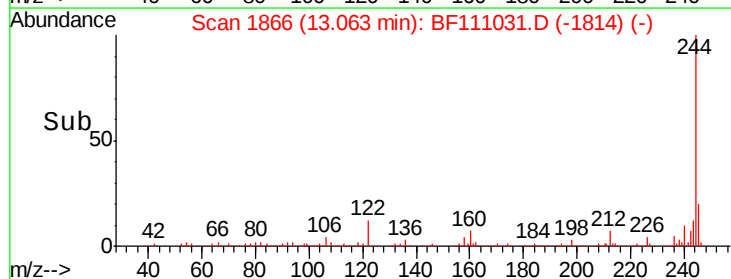
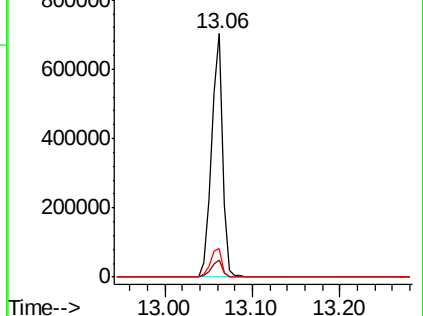
122 11.6 8.7 13.1

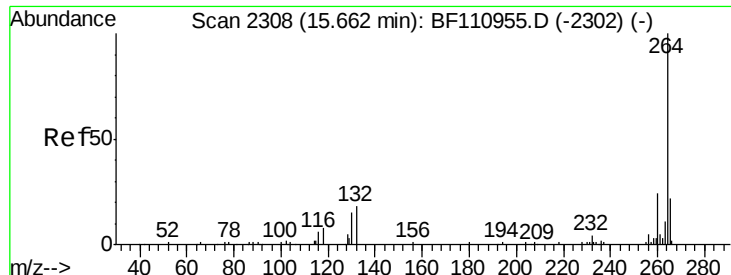


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.67 min Scan# 2310
Delta R.T. 0.01 min
Lab File: BF111031.D
Acq: 28 Nov 2018 2:04

Instrument :
BNA_F
ClientSampleId :
112418-CHDE-F-D-B

Tgt Ion: 264 Resp: 90727
Ion Ratio Lower Upper
264 100
260 22.8 18.7 28.1
265 21.3 16.7 25.1

