

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\
 Data File : BF110399.D
 Acq On : 2 Nov 2018 8:38
 Operator : JU/SJ
 Sample : J5730-03RE
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 02 09:05:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

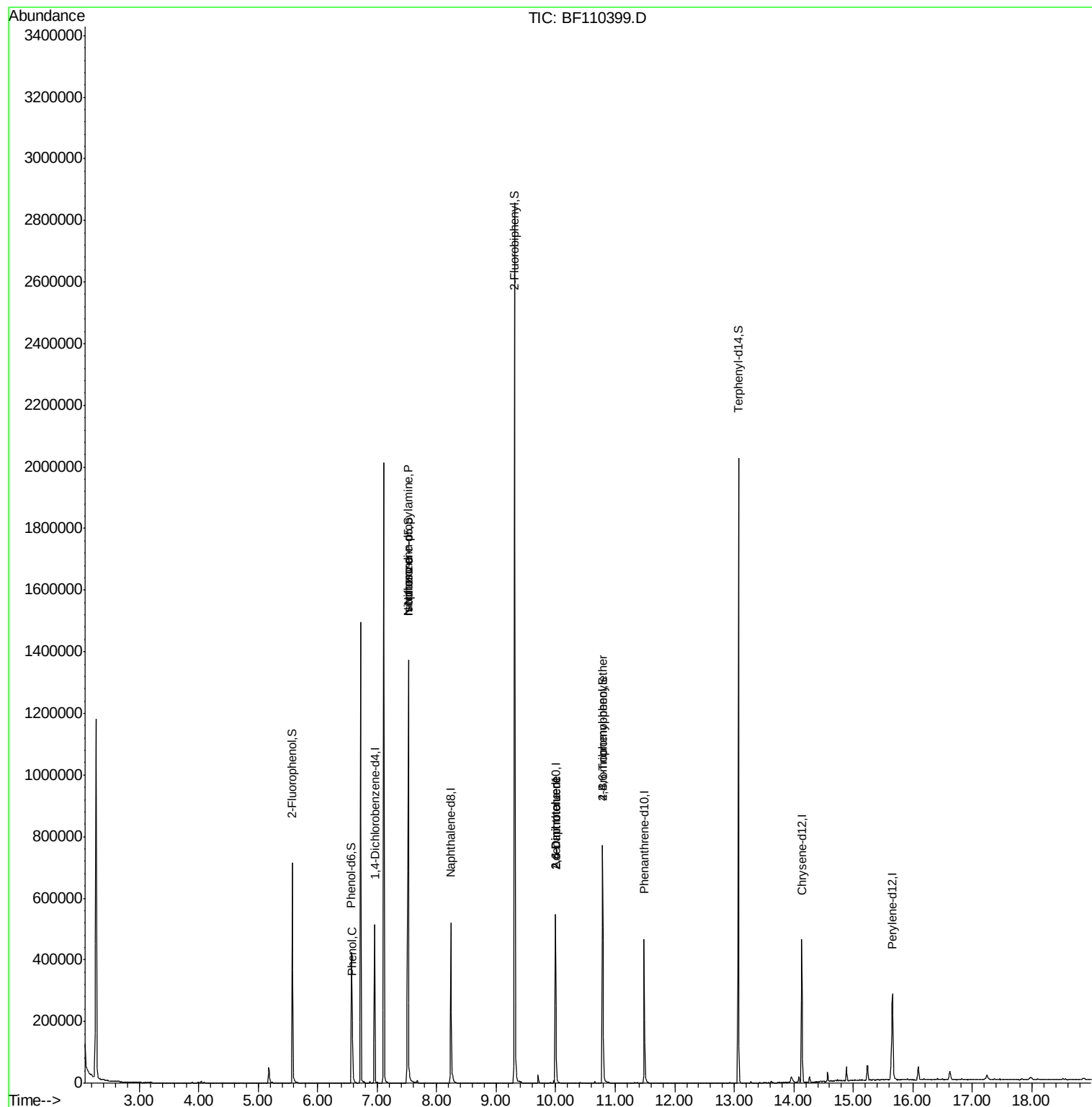
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	78454	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	299330	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	124732	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	193826	20.00	ng	0.00
76) Chrysene-d12	14.13	240	162305	20.00	ng	0.00
87) Perylene-d12	15.66	264	145381	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	189289	39.29	ng	0.00
7) Phenol-d6	6.57	99	146997	23.85	ng	-0.01
23) Nitrobenzene-d5	7.52	82	500352	99.15	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	95889	77.61	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	875094	110.17	ng	0.00
79) Terphenyl-d14	13.07	244	638769	81.85	ng	0.00
Target Compounds						
10) Phenol	6.59	94	37804	5.739	ng	# 64
19) n-Nitroso-di-n-propylamine	7.52	70	66118	16.725	ng	# 80
25) Isophorone	7.52	82	500408	58.170	ng	# 67
51) 2,6-Dinitrotoluene	10.00	165	15634	7.883	ng	# 21
57) 2,4-Dinitrotoluene	10.00	165	15634	6.206	ng	# 17
67) 4-Bromophenyl-phenylether	10.79	248	6222	2.959	ng	# 1

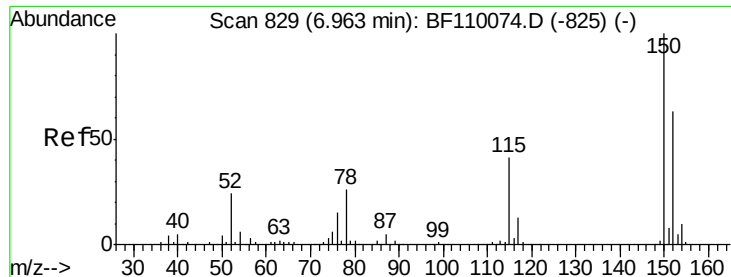
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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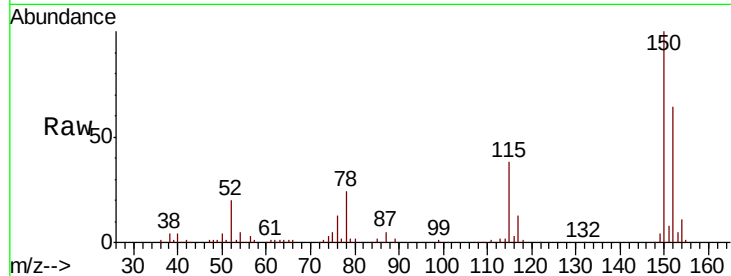


#1

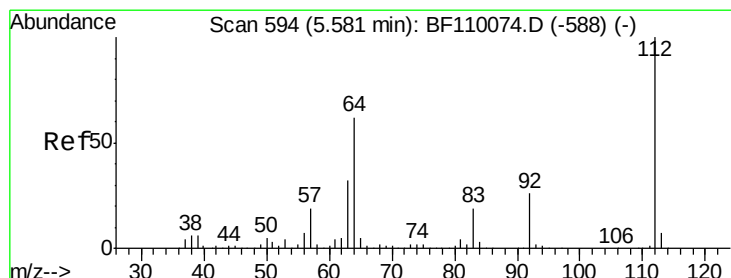
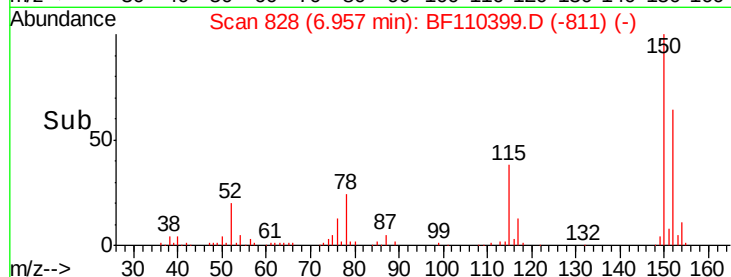
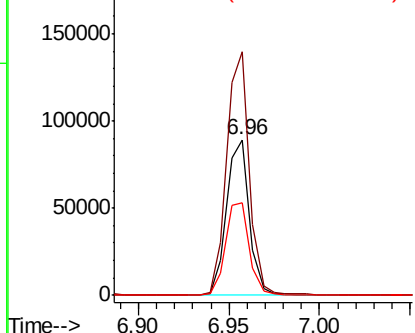
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110399.D
Acq: 2 Nov 2018 8:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 78454
Ion Ratio Lower Upper
152 100
150 156.5 122.7 184.1
115 59.5 49.1 73.7



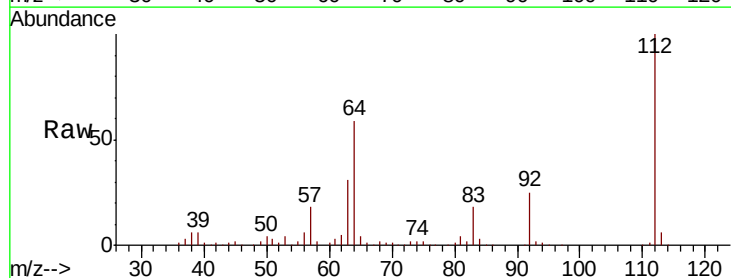
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



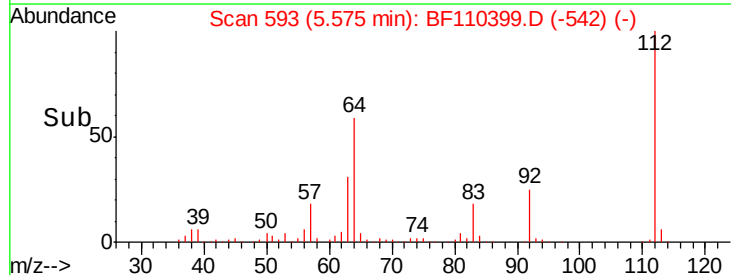
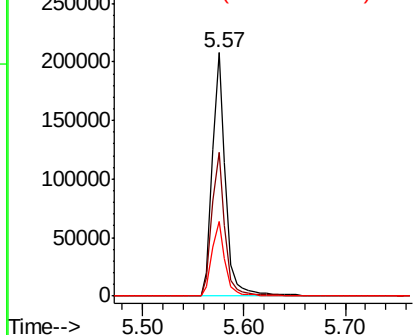
#5

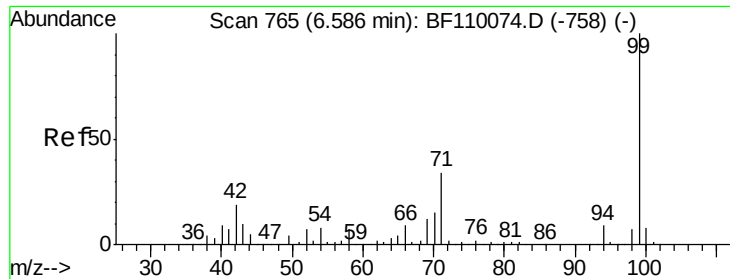
2-Fluorophenol
Concen: 39.290 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF110399.D
Acq: 2 Nov 2018 8:38

Tgt Ion:112 Resp: 189289
Ion Ratio Lower Upper
112 100
64 59.3 44.1 66.1
63 30.7 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: 23.855 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110399.D

Acq: 2 Nov 2018 8:38

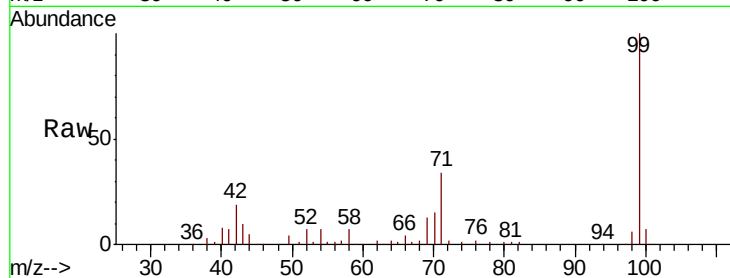
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 146997

Ion	Ratio	Lower	Upper
99	100		
42	18.8	15.8	23.6
71	33.9	28.0	42.0

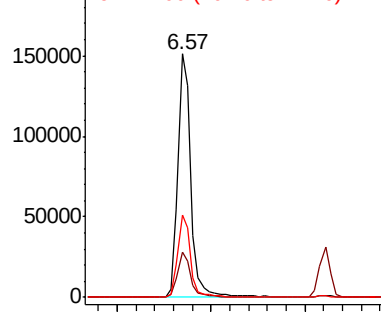


Abundance

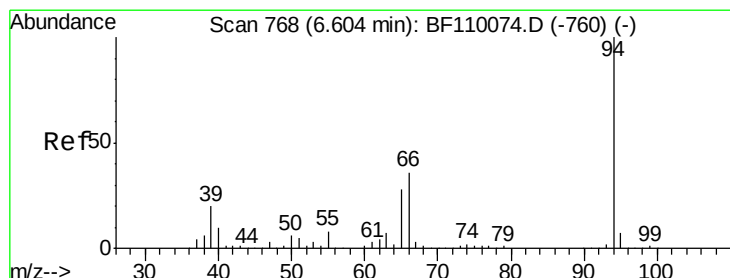
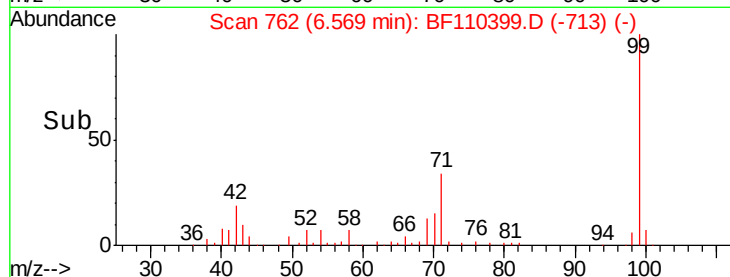
Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



Time-->



#10

Phenol

Concen: 5.739 ng

RT: 6.59 min Scan# 765

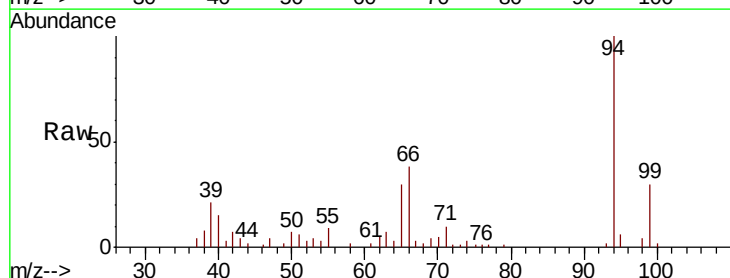
Delta R.T. -0.01 min

Lab File: BF110399.D

Acq: 2 Nov 2018 8:38

Tgt Ion: 94 Resp: 37804

Ion	Ratio	Lower	Upper
94	100		
65	30.1	25.3	65.3
66	38.0	54.5	94.5#

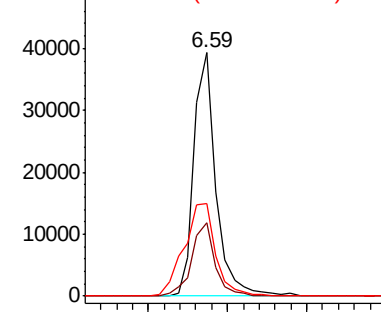


Abundance

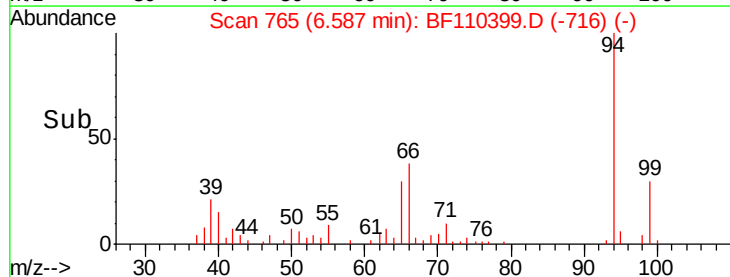
Ion 94.00 (93.70 to 94.70): BF1

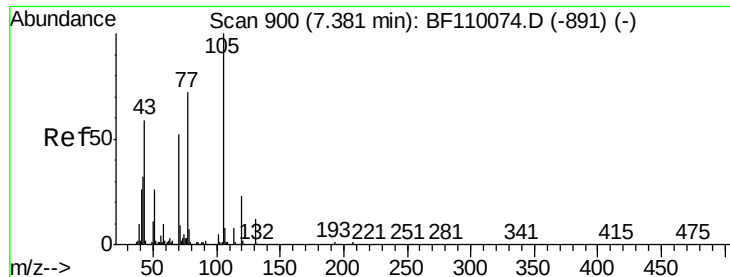
Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



Time-->

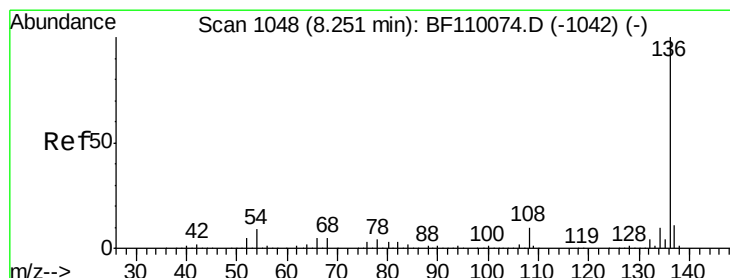
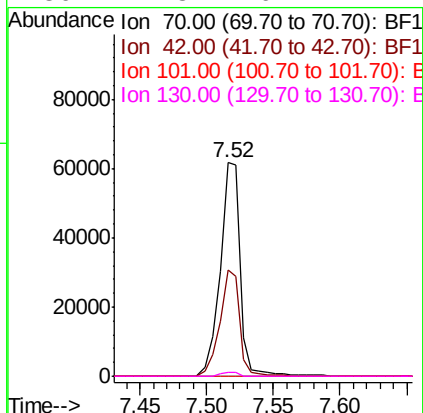
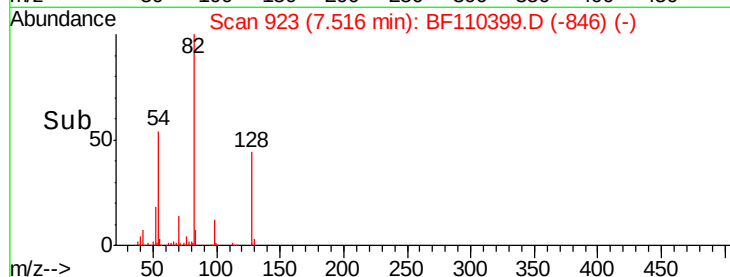
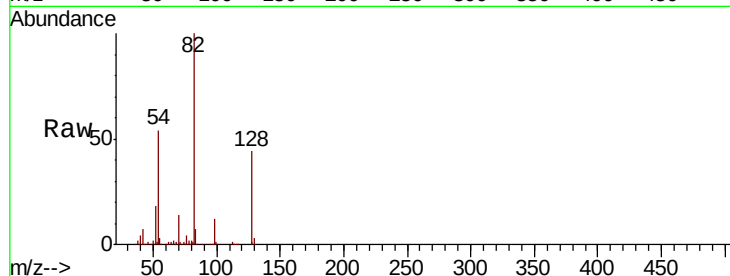




#19
n-Nitroso-di-n-propylamine
Concen: 16.725 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.15 min
Lab File: BF110399.D
Acq: 2 Nov 2018 8:38

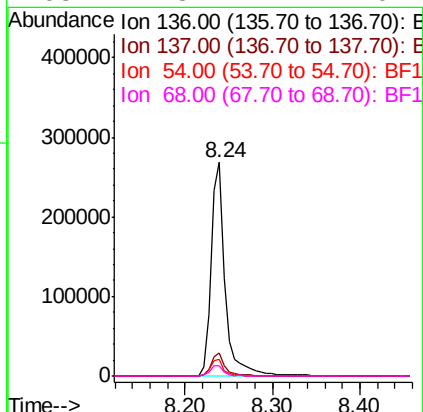
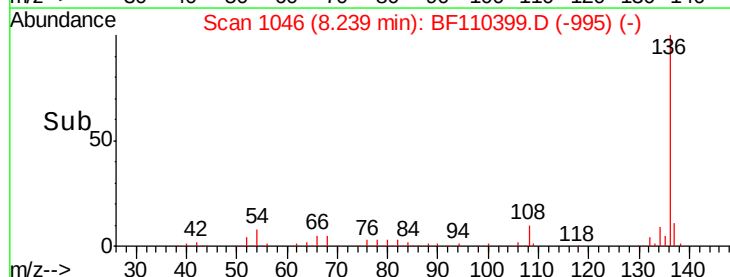
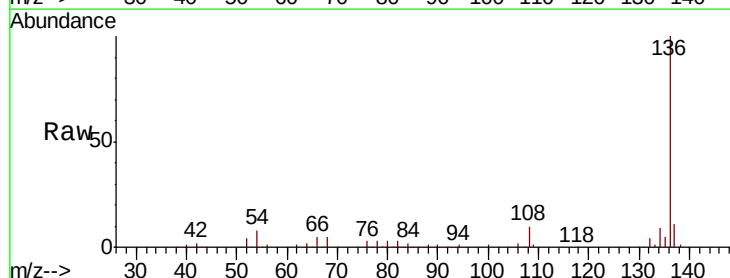
Instrument :
BNA_F
ClientSampled :

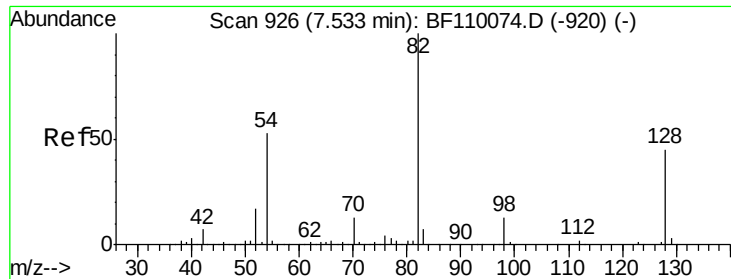
Tot Ion: 70 Resp: 66118
Ion Ratio Lower Upper
70 100
42 49.8 47.4 71.2
101 0.0 7.3 10.9#
130 1.8 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110399.D
Acq: 2 Nov 2018 8:38

Tgt Ion: 136 Resp: 299330
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 7.6 5.4 8.2
68 4.8 4.2 6.2

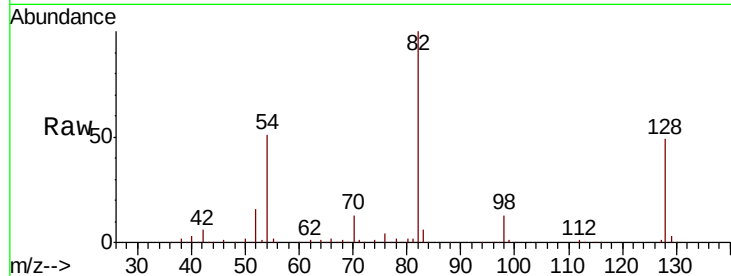




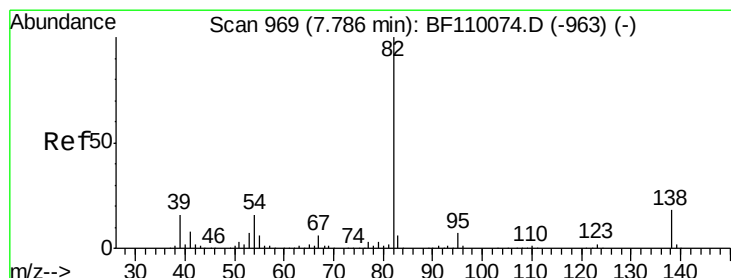
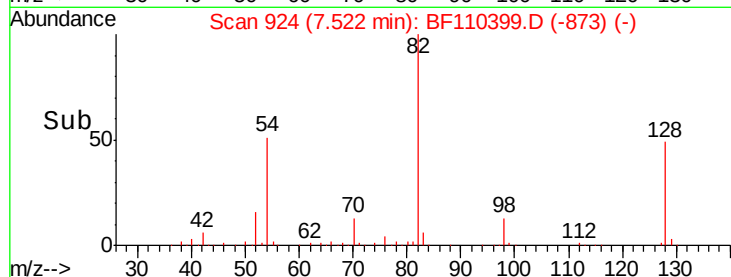
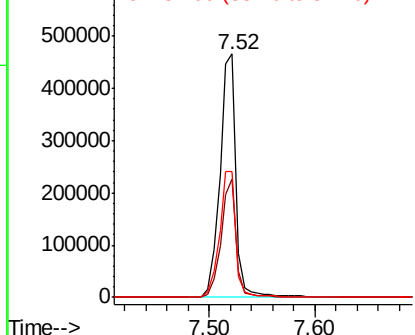
#23
Nitrobenzene-d5
Concen: 99.146 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF110399.D
Acq: 2 Nov 2018 8:38

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.6	34.2	51.2
54	51.5	38.6	58.0

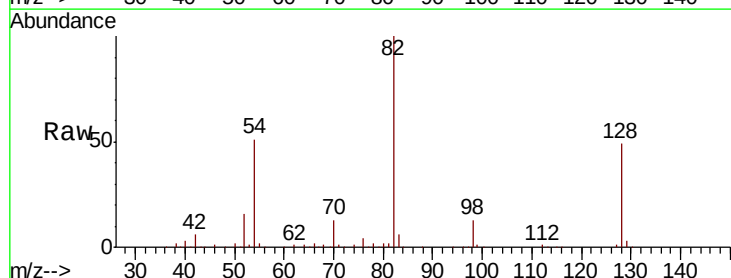


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

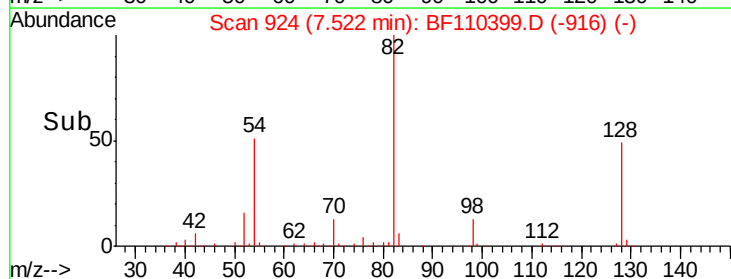
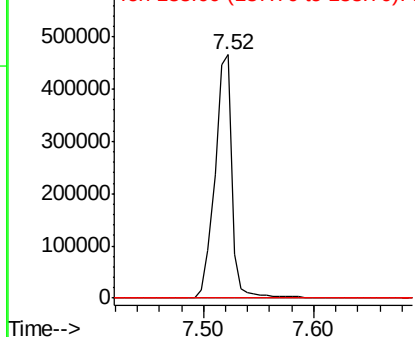


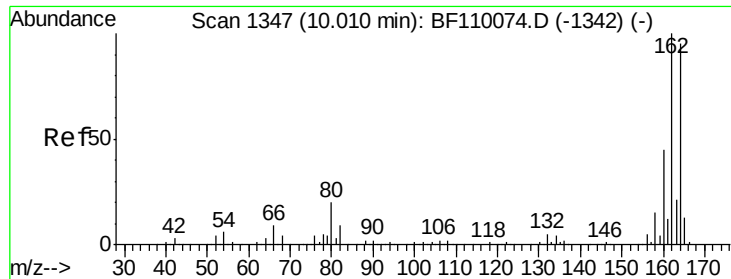
#25
Isophorone
Concen: 58.170 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.25 min
Lab File: BF110399.D
Acq: 2 Nov 2018 8:38

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: 10.00 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BF110399.D

Acq: 2 Nov 2018 8:38

Instrument :

BNA_F

ClientSampleId :

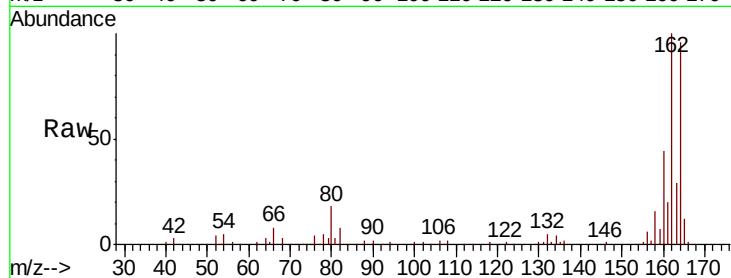
Tot Ion:164 Resp: 124732

Ion Ratio Lower Upper

164 100

162 104.0 83.0 124.6

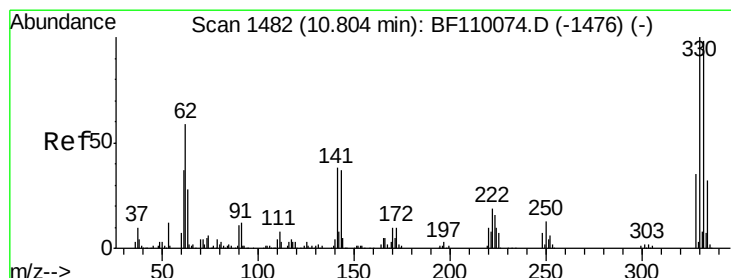
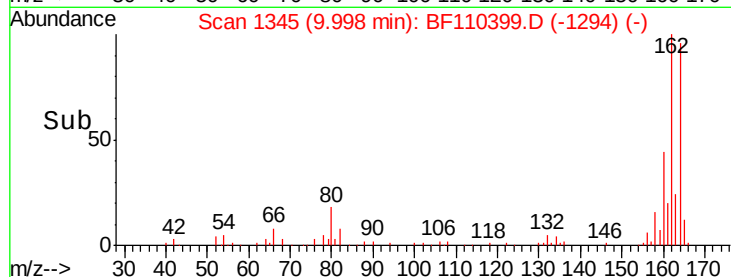
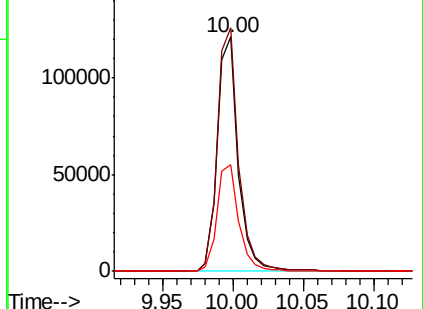
160 45.6 37.0 55.6



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



#42

2,4,6-Tribromophenol

Concen: 77.608 ng

RT: 10.79 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BF110399.D

Acq: 2 Nov 2018 8:38

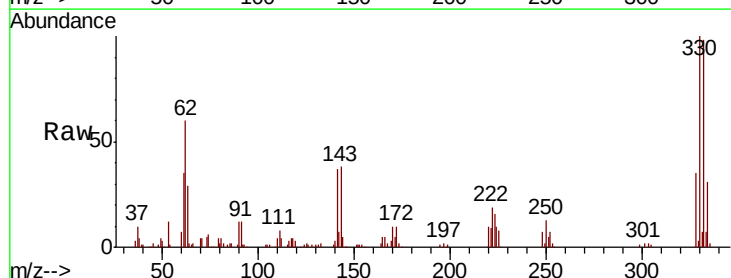
Tgt Ion:330 Resp: 95889

Ion Ratio Lower Upper

330 100

332 96.6 77.1 115.7

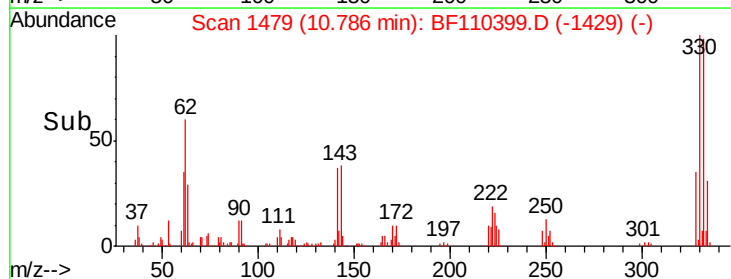
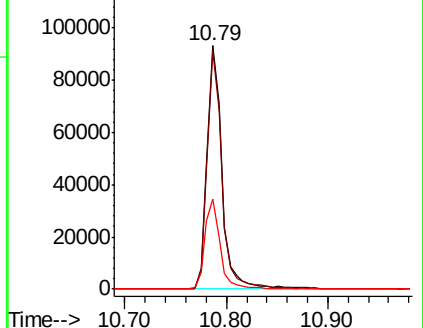
141 37.4 27.0 40.4

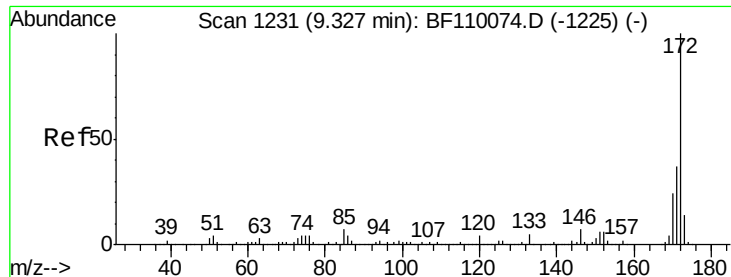


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

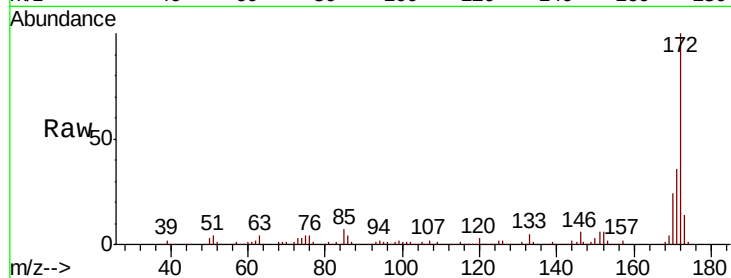




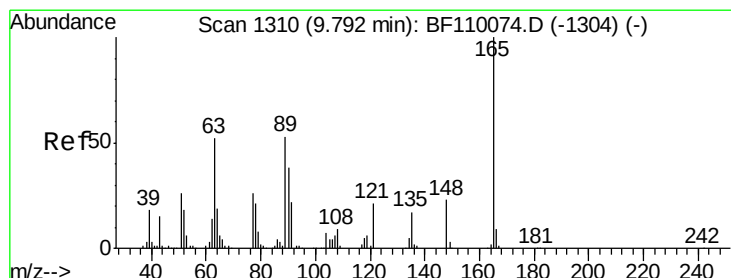
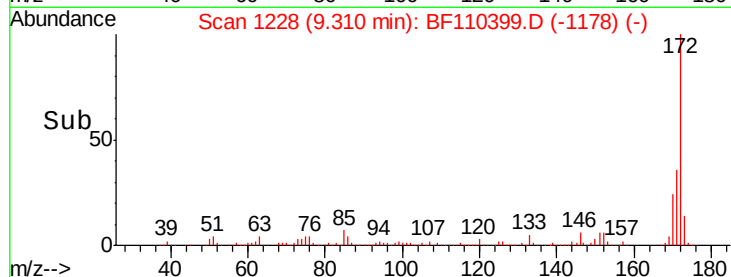
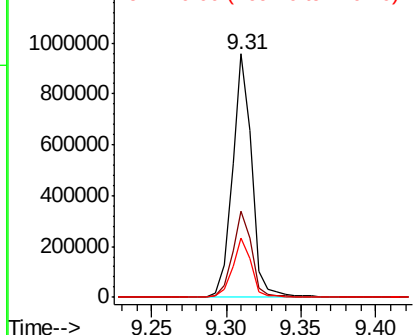
#45
2-Fluorobiphenyl
Concen: 110.166 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF110399.D
Acq: 2 Nov 2018 8:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 875094
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 24.3 19.7 29.5

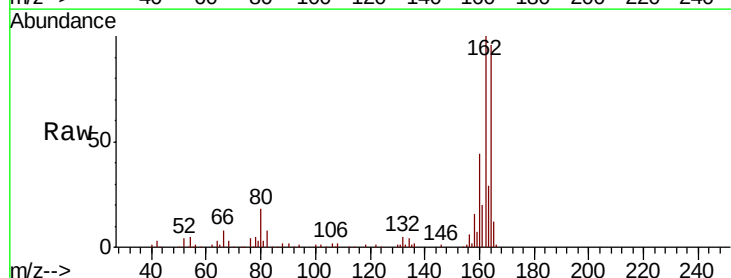


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

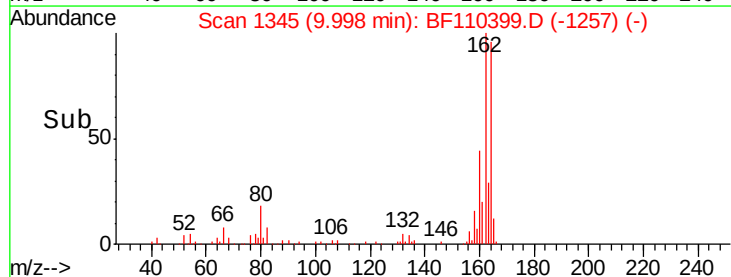
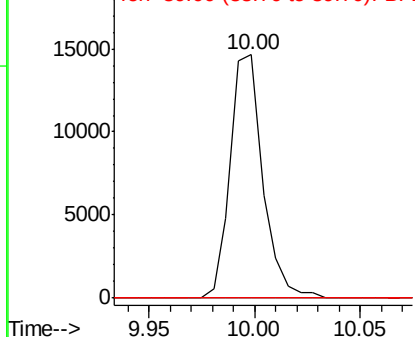


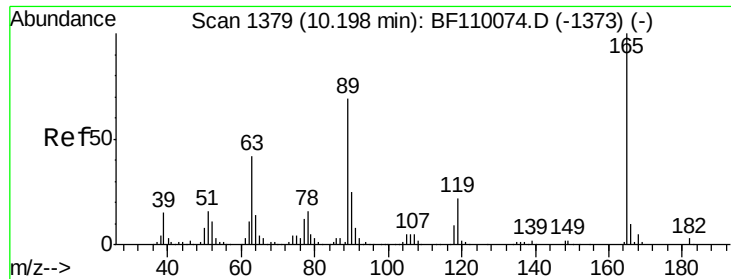
#51
2,6-Dinitrotoluene
Concen: 7.883 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.22 min
Lab File: BF110399.D
Acq: 2 Nov 2018 8:38

Tgt Ion:165 Resp: 15634
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

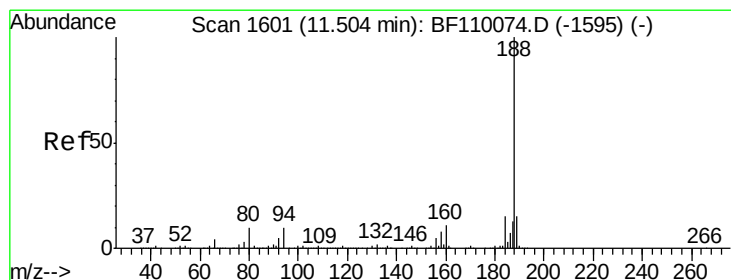
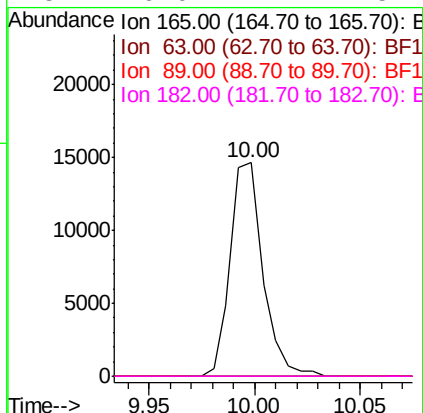
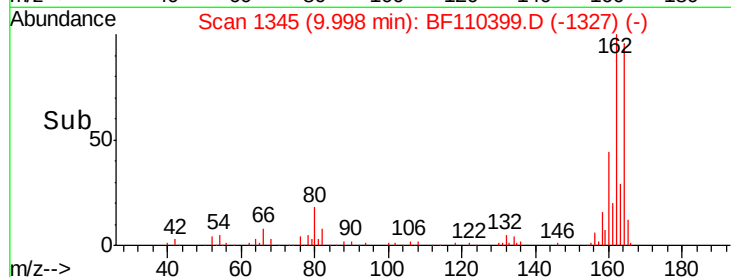
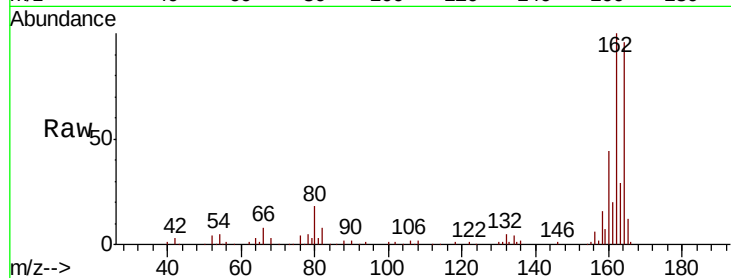




#57
2,4-Dinitrotoluene
Concen: 6.206 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.19 min
Lab File: BF110399.D
Acq: 2 Nov 2018 8:38

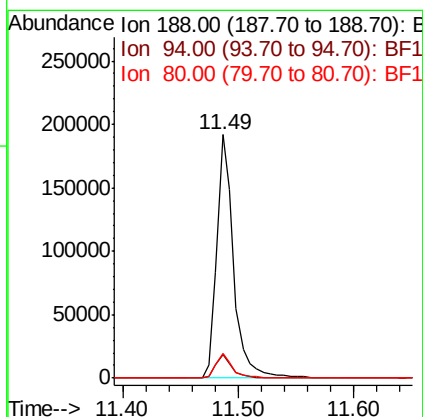
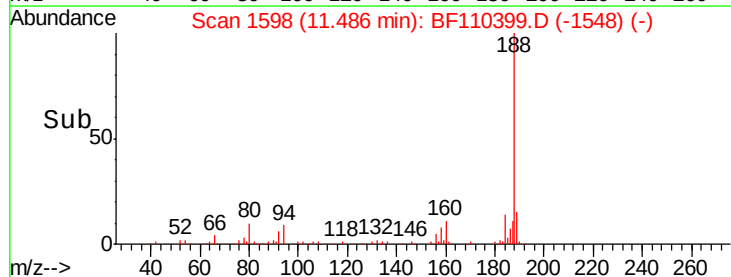
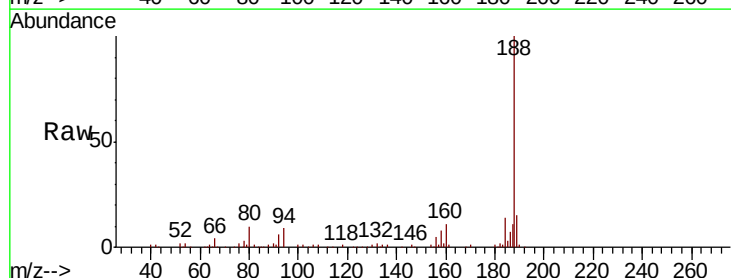
Instrument :
BNA_F
ClientSampleId :

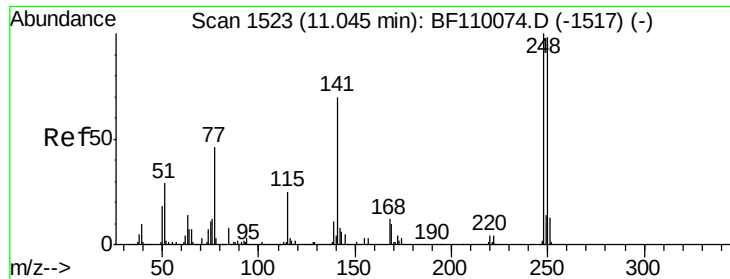
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF110399.D
Acq: 2 Nov 2018 8:38

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.2	10.8
80	10.2	7.9	11.9

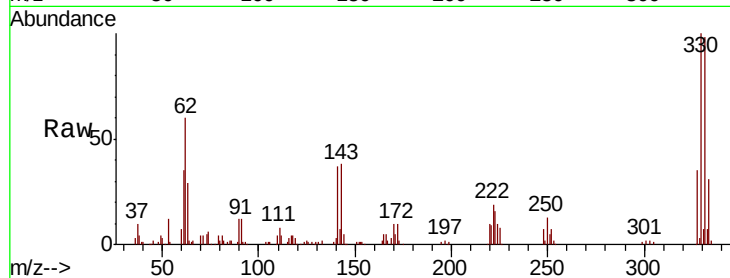




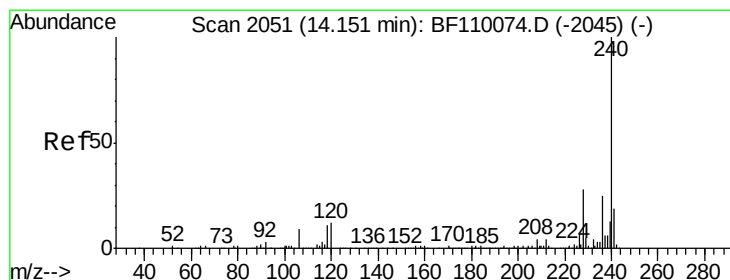
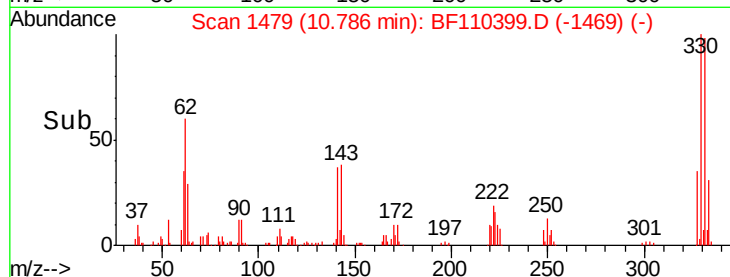
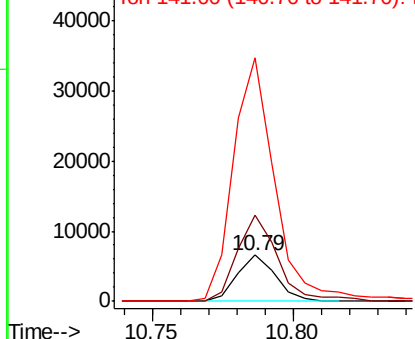
#67
4-Bromophenyl-phenylether
Concen: 2.959 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.24 min
Lab File: BF110399.D
Acq: 2 Nov 2018 8:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 6222
Ion Ratio Lower Upper
248 100
250 187.7 79.4 119.2#
141 527.3 55.9 83.9#

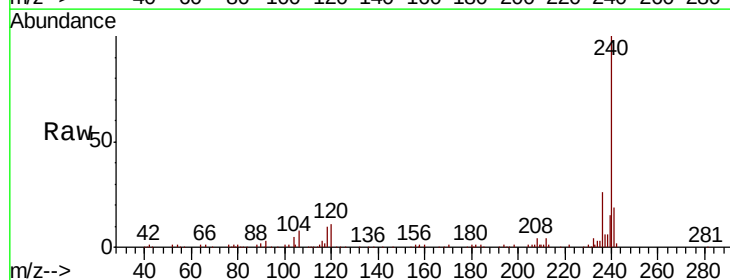


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

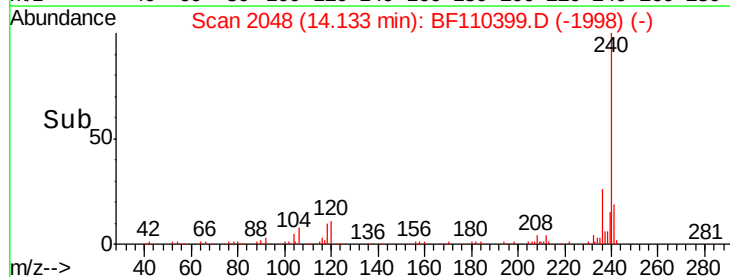
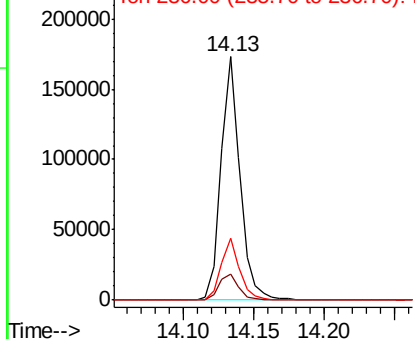


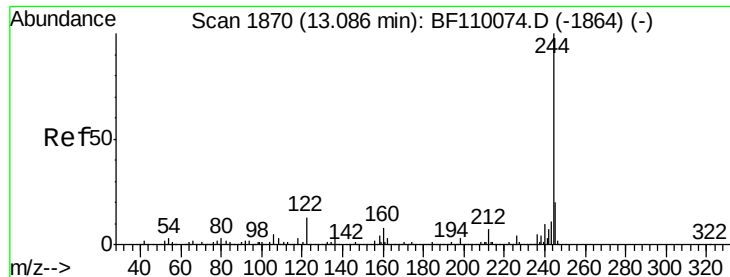
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110399.D
Acq: 2 Nov 2018 8:38

Tgt Ion:240 Resp: 162305
Ion Ratio Lower Upper
240 100
120 10.8 8.3 12.5
236 25.7 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





#79

Terphenyl-d14

Concen: 81.849 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF110399.D

Acq: 2 Nov 2018 8:38

Instrument :

BNA_F

ClientSampleId :

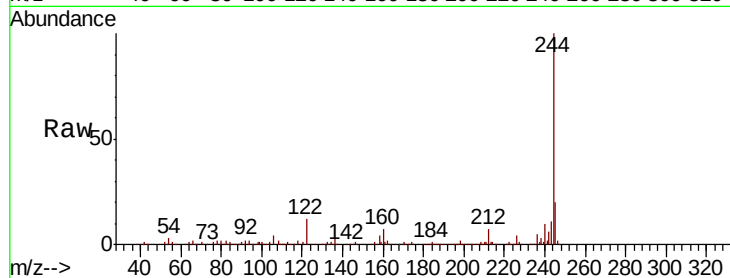
Tot Ion:244 Resp: 638769

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

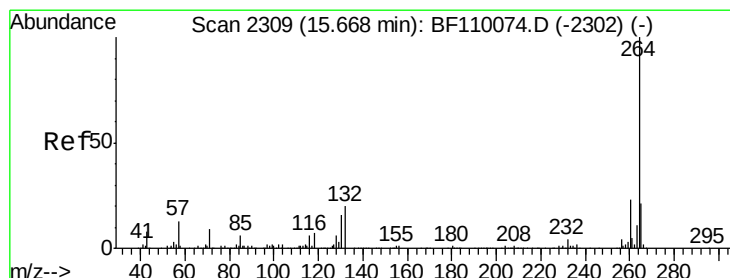
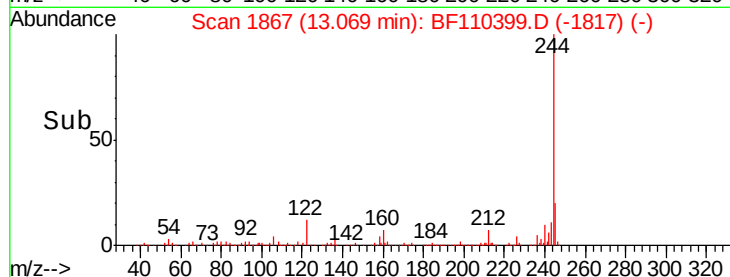
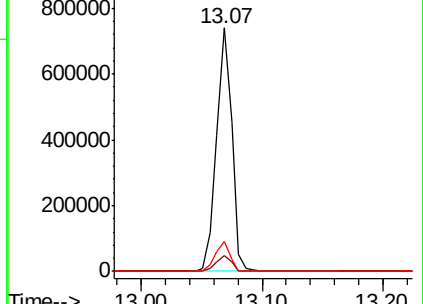
122 12.3 8.7 13.1



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# 2307

Delta R.T. 0.00 min

Lab File: BF110399.D

Acq: 2 Nov 2018 8:38

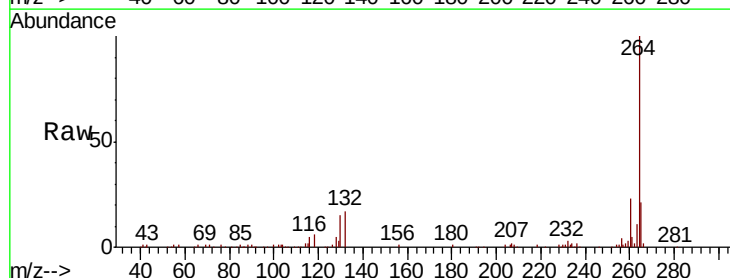
Tgt Ion:264 Resp: 145381

Ion Ratio Lower Upper

264 100

260 23.1 18.7 28.1

265 21.0 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

