

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\
 Data File : BF110365.D
 Acq On : 1 Nov 2018 13:39
 Operator : JU/SJ
 Sample : J5741-35
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 01 15:52:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 31 14:18:16 2018
 Response via : Initial Calibration

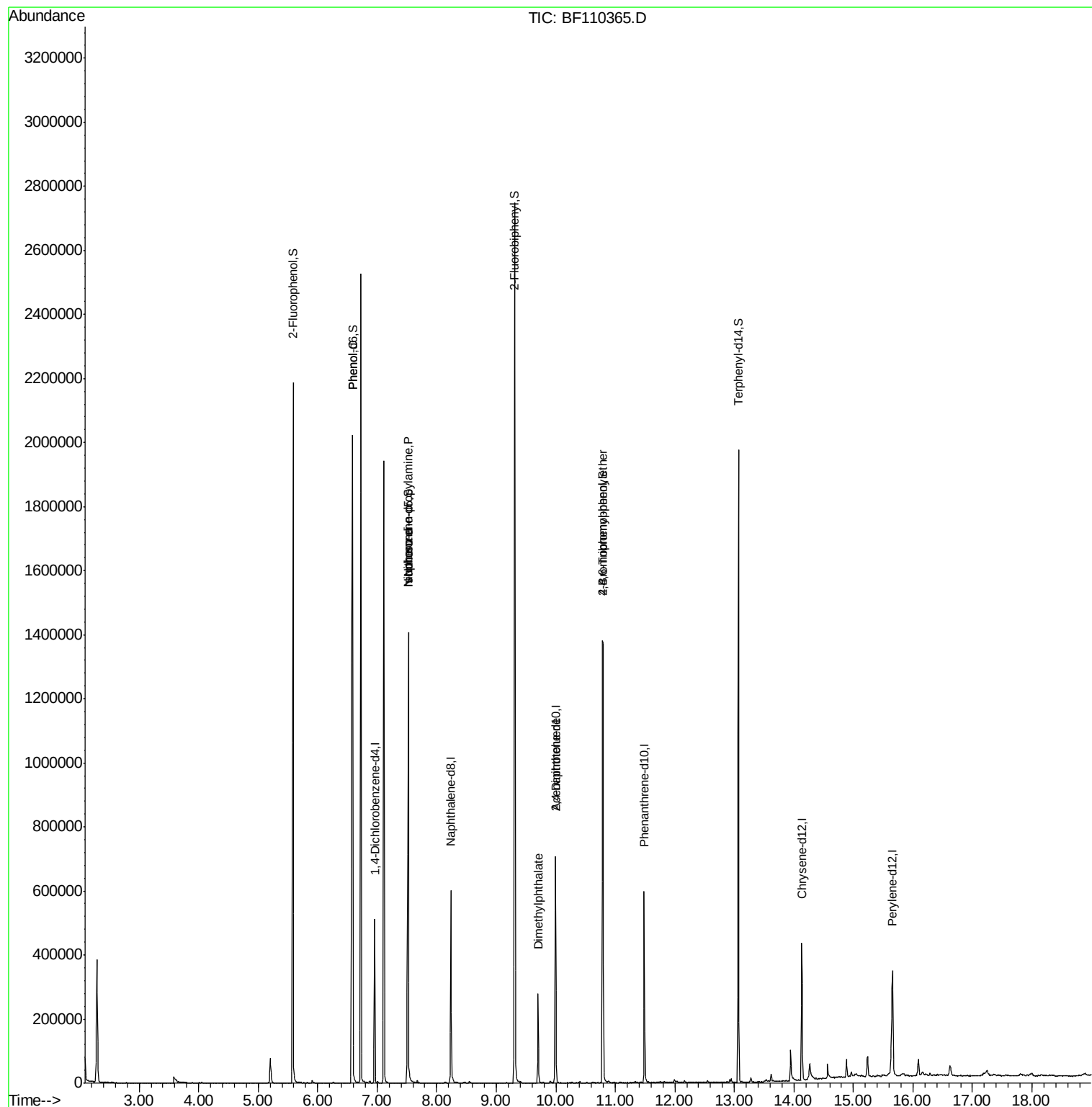
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	73830	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	300901	20.00	ng	-0.02
39) Acenaphthene-d10	10.00	164	137631	20.00	ng	-0.02
64) Phenanthrene-d10	11.49	188	235717	20.00	ng	-0.03
76) Chrysene-d12	14.13	240	146470	20.00	ng	-0.04
87) Perylene-d12	15.66	264	160094	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	627102	138.32	ng	0.00
7) Phenol-d6	6.59	99	795720	137.22	ng	-0.02
23) Nitrobenzene-d5	7.52	82	499133	98.39	ng	-0.02
42) 2,4,6-Tribromophenol	10.79	330	176842	129.71	ng	-0.02
45) 2-Fluorobiphenyl	9.31	172	906048	103.37	ng	-0.02
79) Terphenyl-d14	13.07	244	647150	91.89	ng	-0.04
Target Compounds						
9) Benzaldehyde	6.58	77	1487	Below Cal	Qvalue	# 1
10) Phenol	6.59	94	48316	7.795 ng	#	70
19) n-Nitroso-di-n-propylamine	7.52	70	67969	18.270 ng	#	78
25) Isophorone	7.52	82	499125	57.718 ng	#	67
50) Dimethylphthalate	9.70	163	122659	12.073 ng		99
57) 2,4-Dinitrotoluene	10.00	165	17458	6.281 ng	#	17
67) 4-Bromophenyl-phenylether	10.79	248	11667	4.563 ng	#	1

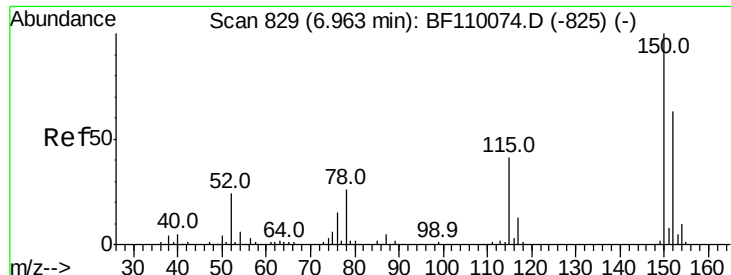
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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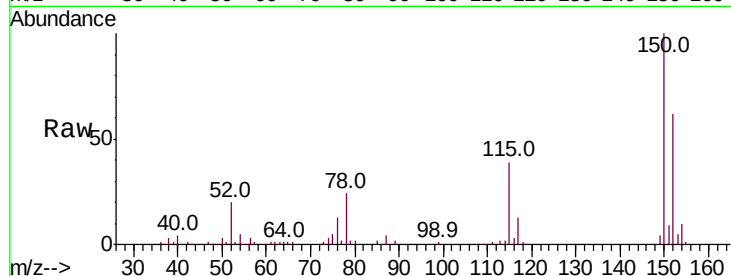


#1

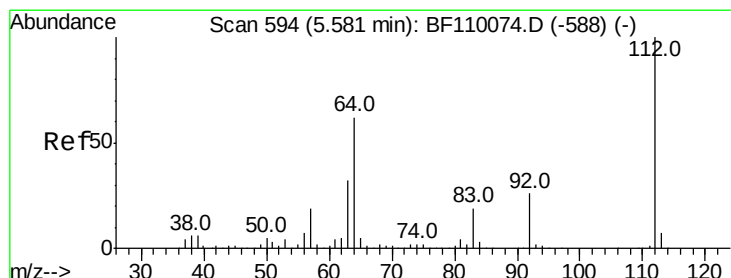
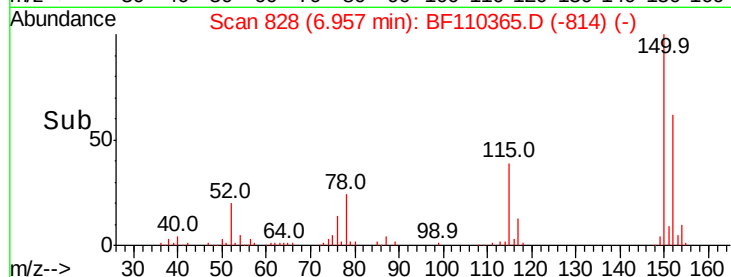
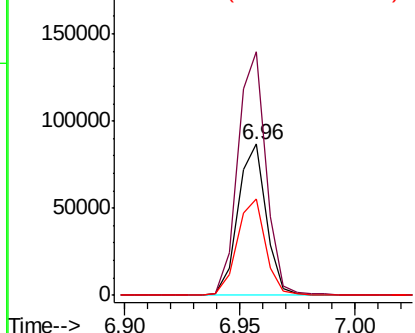
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.02 min
Lab File: BF110365.D
Acq: 1 Nov 2018 13:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 73830
Ion Ratio Lower Upper
152 100
150 161.2 122.7 184.1
115 63.5 49.1 73.7



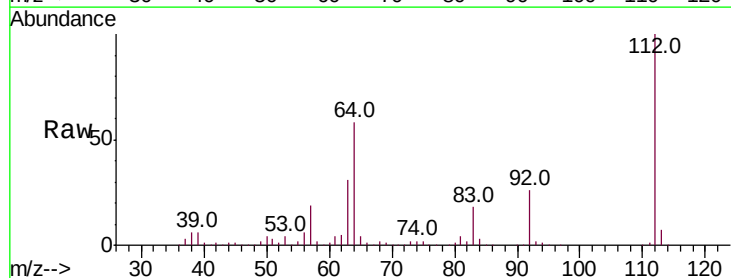
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



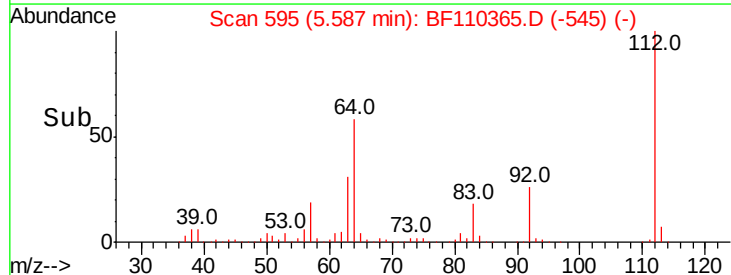
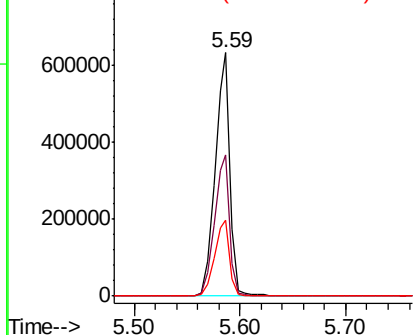
#5

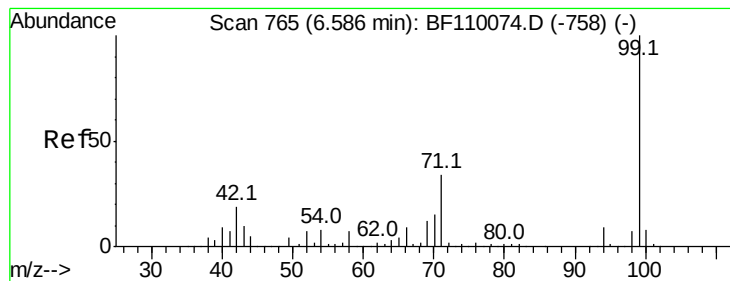
2-Fluorophenol
Concen: 138.318 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF110365.D
Acq: 1 Nov 2018 13:39

Tgt Ion:112 Resp: 627102
Ion Ratio Lower Upper
112 100
64 58.1 44.1 66.1
63 31.0 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: 137.216 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF110365.D

Acq: 1 Nov 2018 13:39

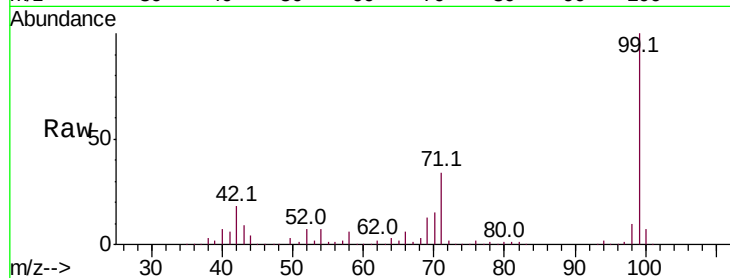
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 795720

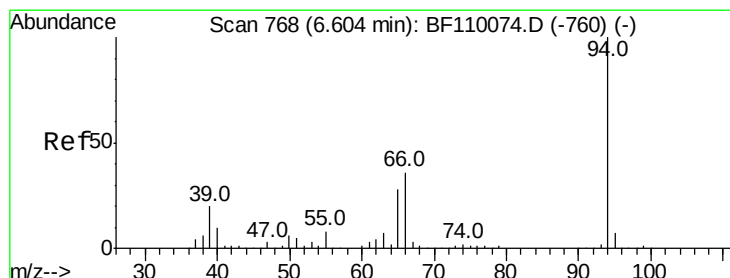
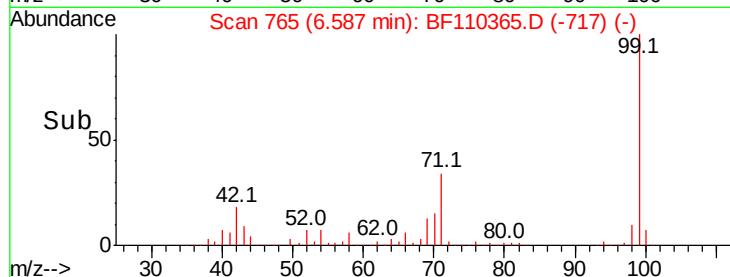
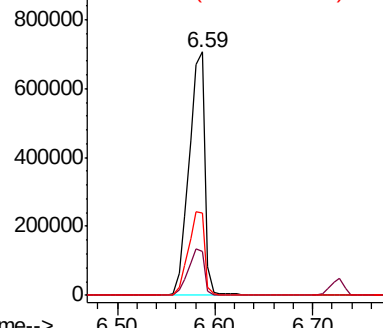
Ion	Ratio	Lower	Upper
99	100		
42	18.0	15.8	23.6
71	33.8	28.0	42.0



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: 7.795 ng

RT: 6.59 min Scan# 766

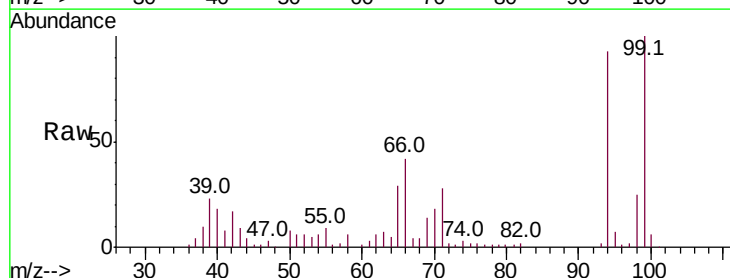
Delta R.T. -0.02 min

Lab File: BF110365.D

Acq: 1 Nov 2018 13:39

Tgt Ion: 94 Resp: 48316

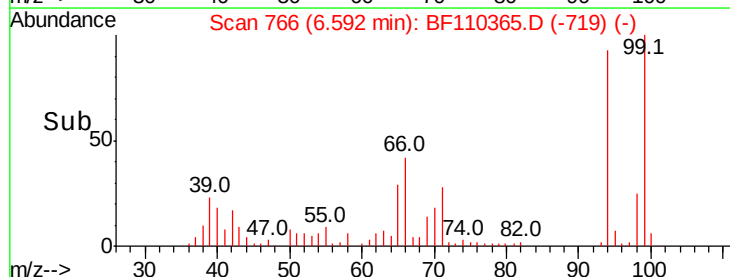
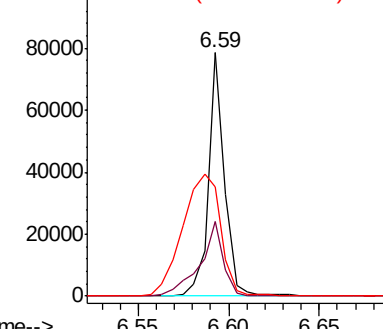
Ion	Ratio	Lower	Upper
94	100		
65	30.9	25.3	65.3
66	45.0	54.5	94.5#

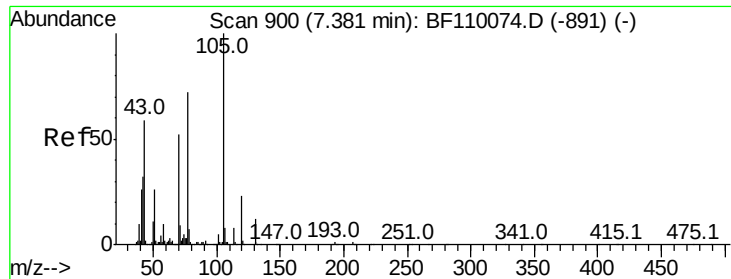


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

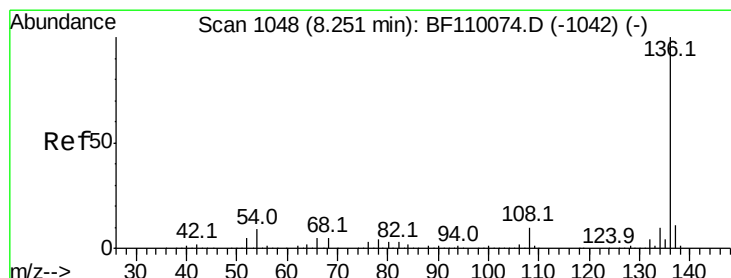
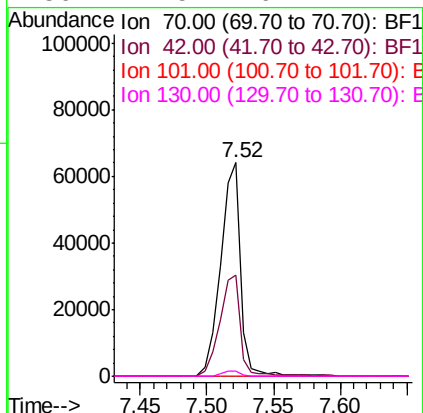
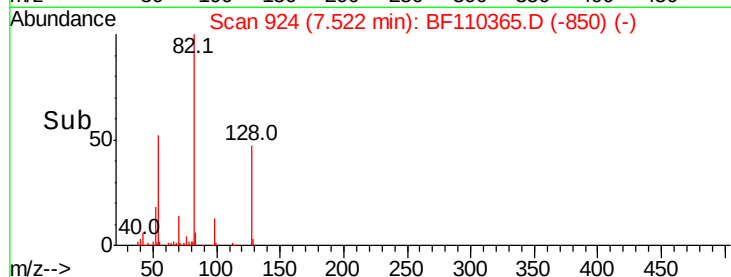
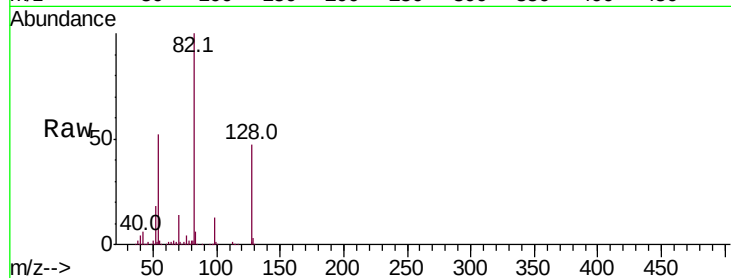




#19
n-Nitroso-di-n-propylamine
Concen: 18.270 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.14 min
Lab File: BF110365.D
Acq: 1 Nov 2018 13:39

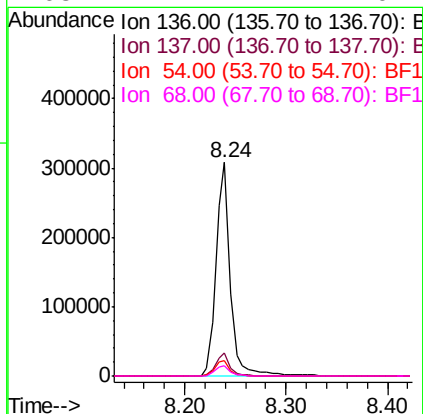
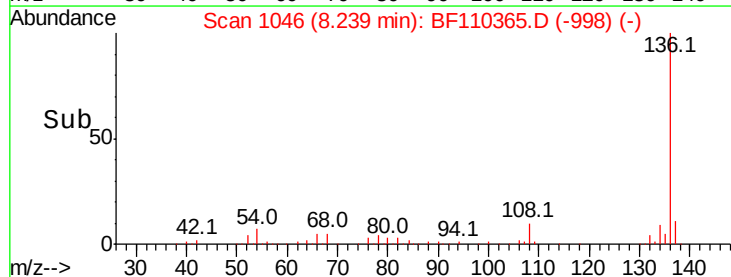
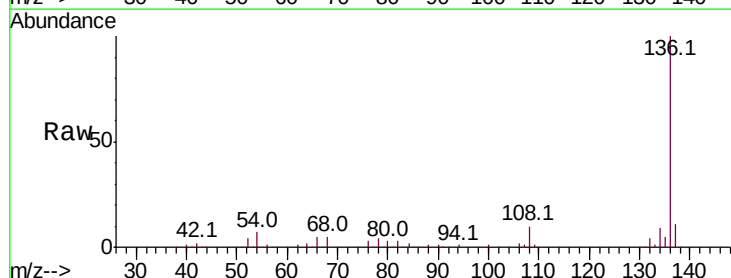
Instrument :
BNA_F
ClientSampleId :

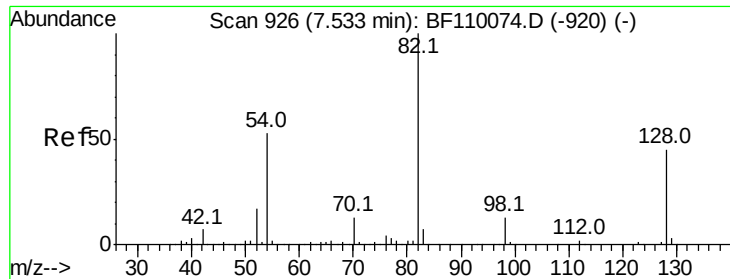
Tot Ion: 70 Resp: 67969
Ion Ratio Lower Upper
70 100
42 47.2 47.4 71.2#
101 0.0 7.3 10.9#
130 2.5 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.02 min
Lab File: BF110365.D
Acq: 1 Nov 2018 13:39

Tgt Ion:136 Resp: 300901
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.1 5.4 8.2
68 4.7 4.2 6.2

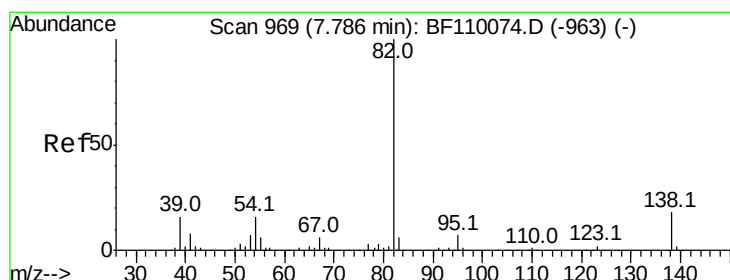
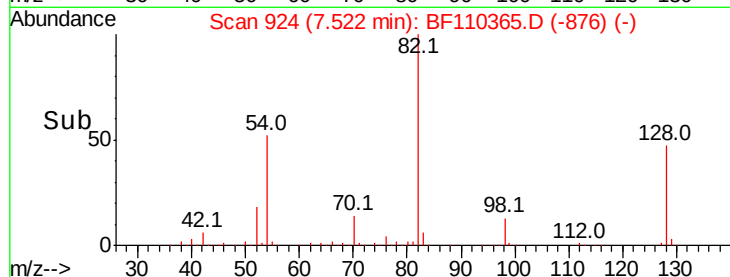
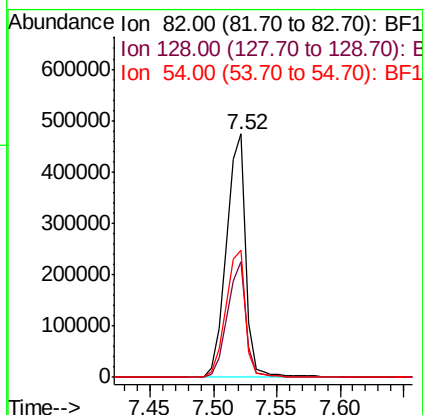
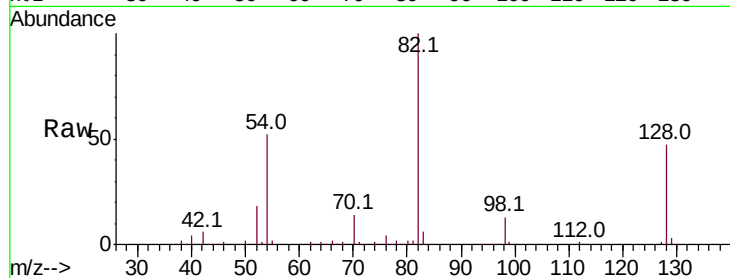




#23
Nitrobenzene-d5
Concen: 98.388 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.02 min
Lab File: BF110365.D
Acq: 1 Nov 2018 13:39

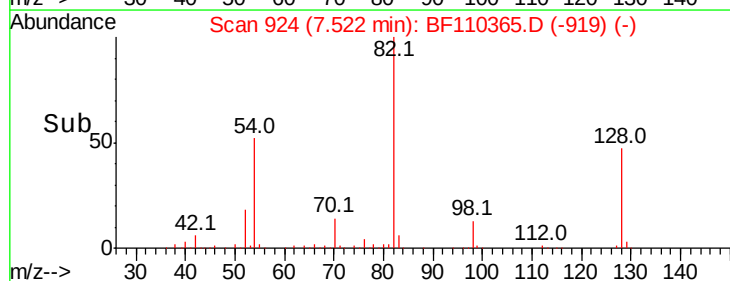
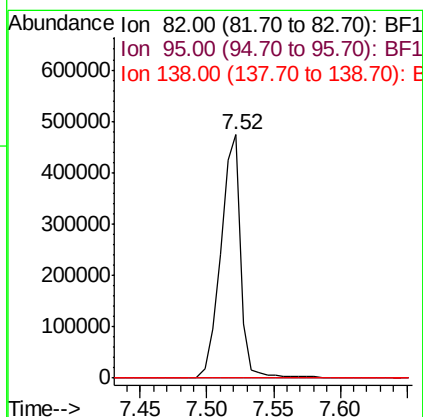
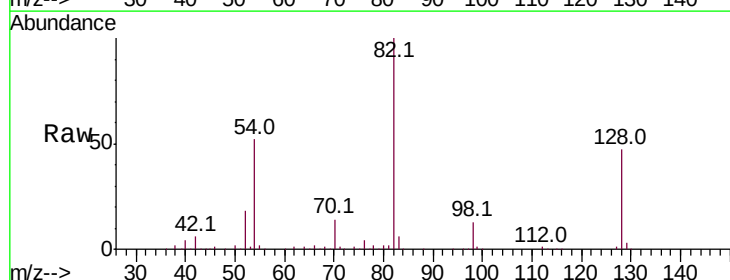
Instrument :
BNA_F
ClientSampled :

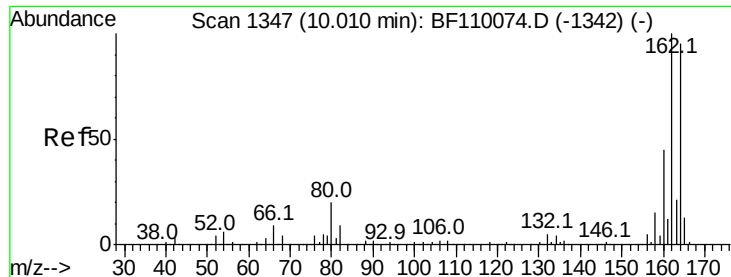
Tot Ion: 82 Resp: 499133
Ion Ratio Lower Upper
82 100
128 47.4 34.2 51.2
54 52.0 38.6 58.0



#25
Isophorone
Concen: 57.718 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.27 min
Lab File: BF110365.D
Acq: 1 Nov 2018 13:39

Tgt Ion: 82 Resp: 499125
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: 10.00 min Scan# 1345

Delta R.T. -0.02 min

Lab File: BF110365.D

Acq: 1 Nov 2018 13:39

Instrument :

BNA_F

ClientSampleId :

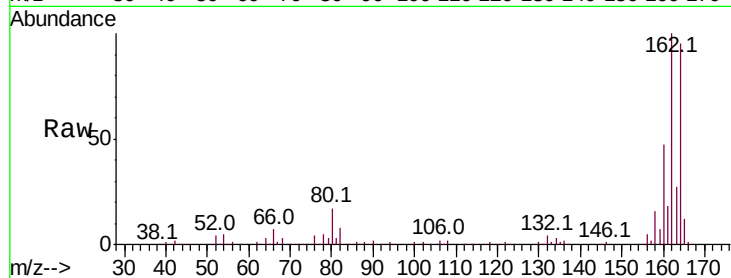
Tot Ion:164 Resp: 137631

Ion Ratio Lower Upper

164 100

162 105.2 83.0 124.6

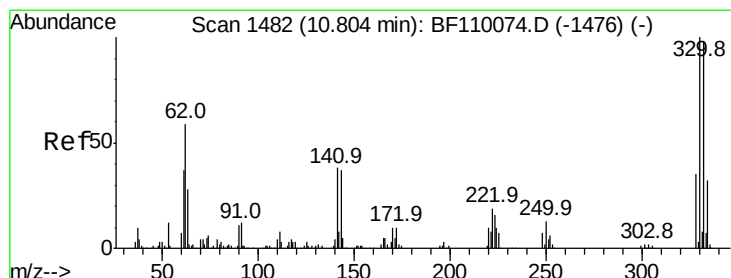
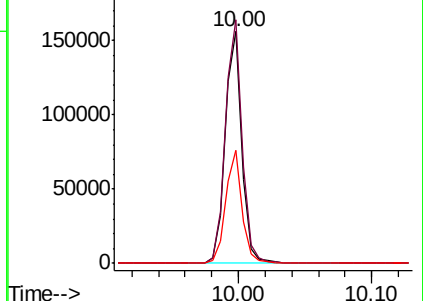
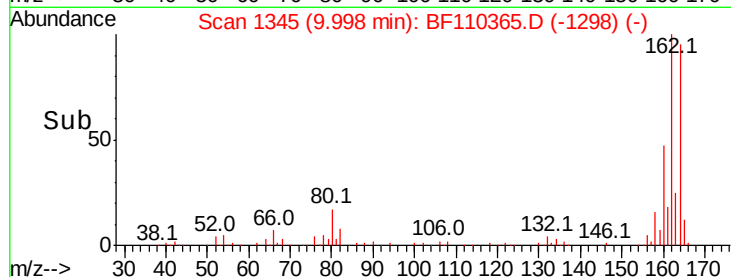
160 49.0 37.0 55.6



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: 129.714 ng

RT: 10.79 min Scan# 1480

Delta R.T. -0.02 min

Lab File: BF110365.D

Acq: 1 Nov 2018 13:39

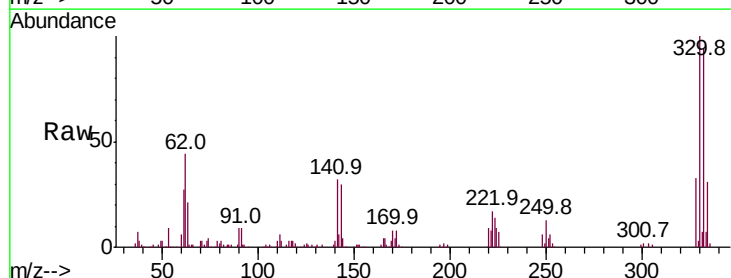
Tgt Ion:330 Resp: 176842

Ion Ratio Lower Upper

330 100

332 95.0 77.1 115.7

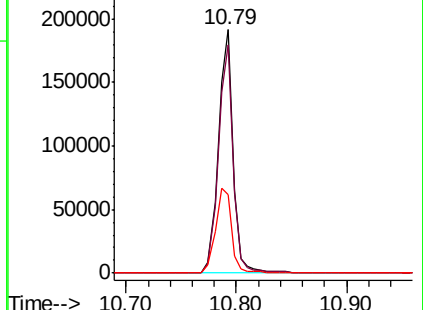
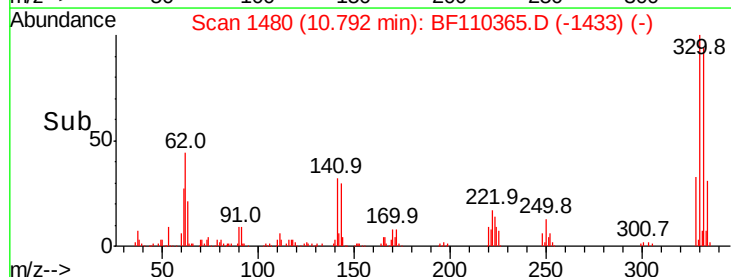
141 38.0 27.0 40.4

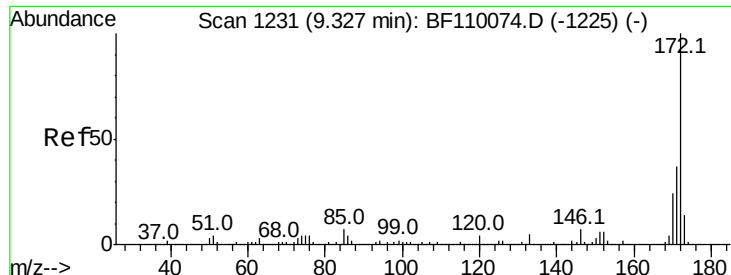


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

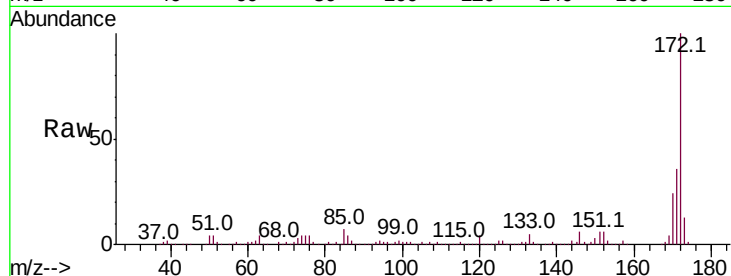




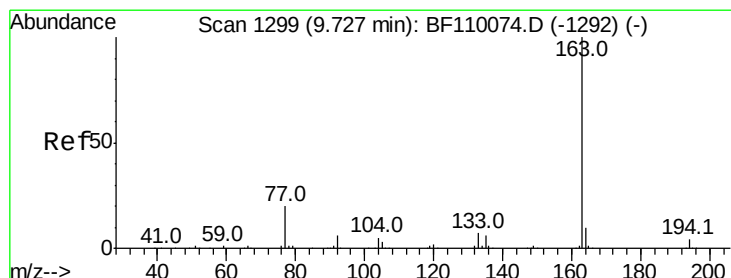
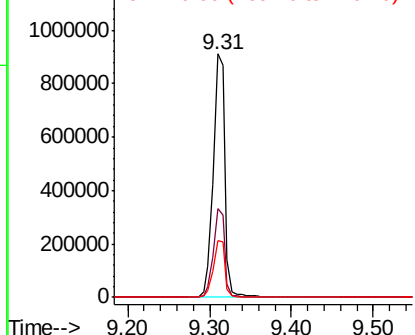
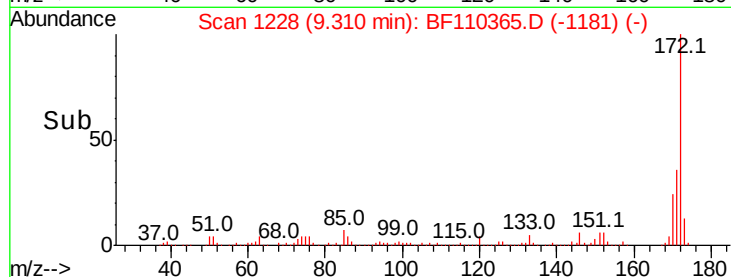
#45
 2-Fluorobiphenyl
 Concen: 103.373 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.02 min
 Lab File: BF110365.D
 Acq: 1 Nov 2018 13:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 906048
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.6 43.0
 170 23.5 19.7 29.5

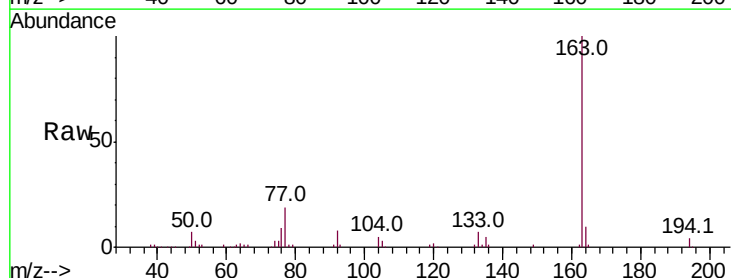


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

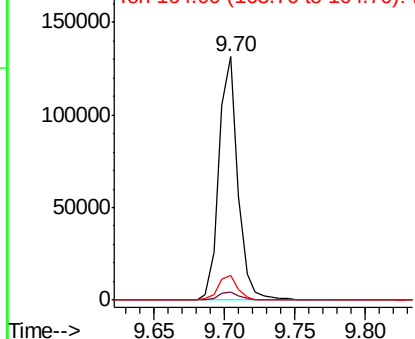
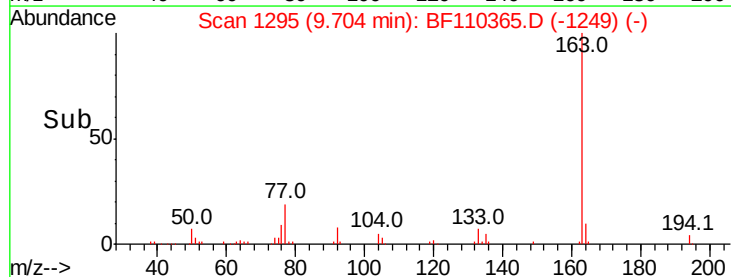


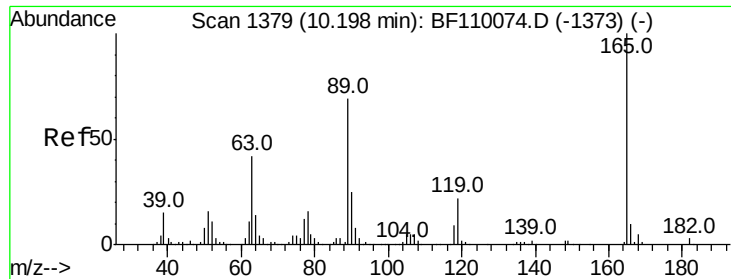
#50
 Dimethylphthalate
 Concen: 12.073 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.03 min
 Lab File: BF110365.D
 Acq: 1 Nov 2018 13:39

Tgt Ion:163 Resp: 122659
 Ion Ratio Lower Upper
 163 100
 194 3.6 3.2 4.8
 164 10.0 8.1 12.1



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

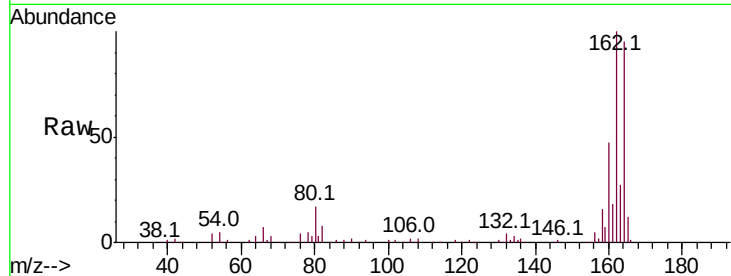




#57
 2,4-Dinitrotoluene
 Concen: 6.281 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. -0.22 min
 Lab File: BF110365.D
 Acq: 1 Nov 2018 13:39

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#



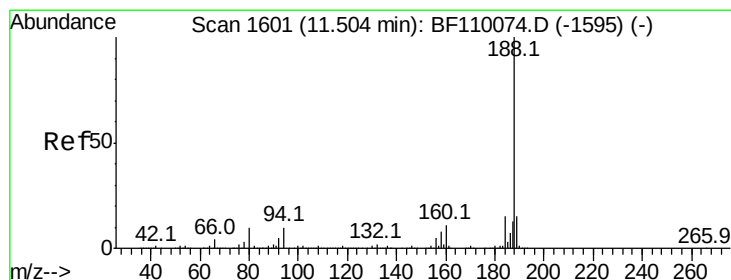
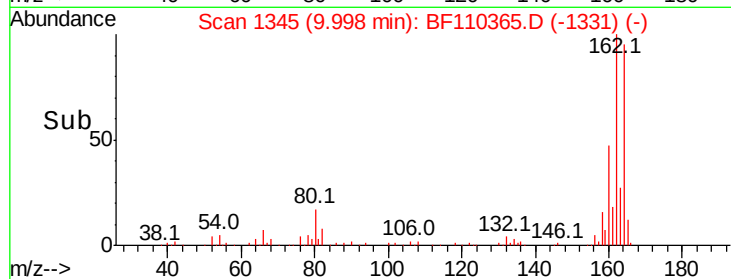
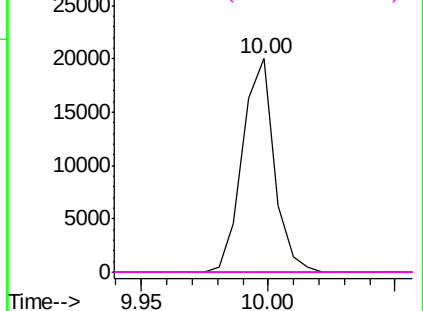
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

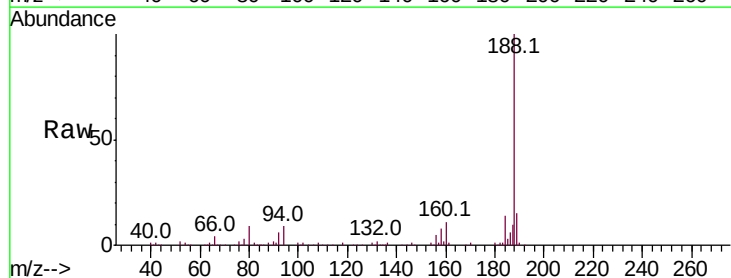
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.03 min
 Lab File: BF110365.D
 Acq: 1 Nov 2018 13:39

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.2	10.8
80	9.4	7.9	11.9

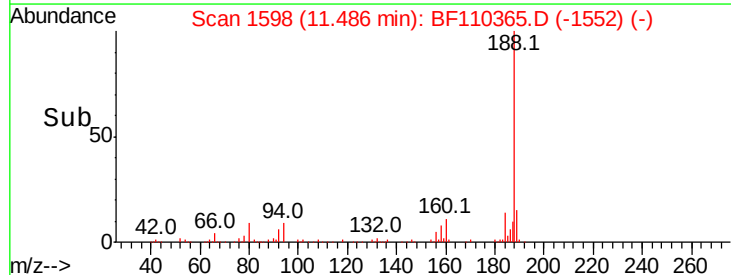
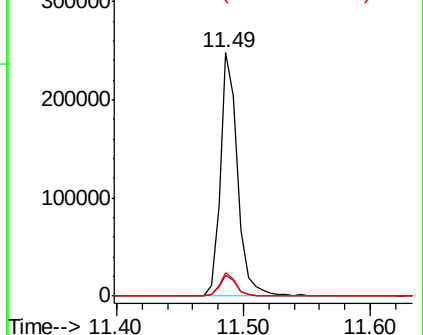


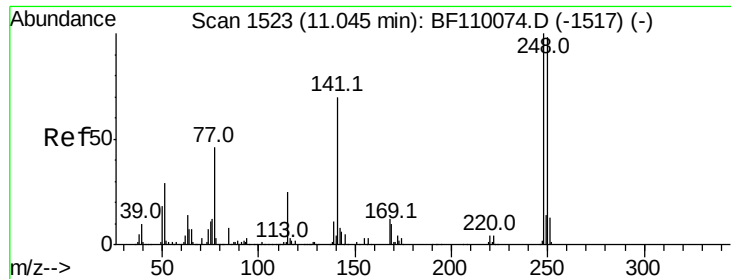
Abundance

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

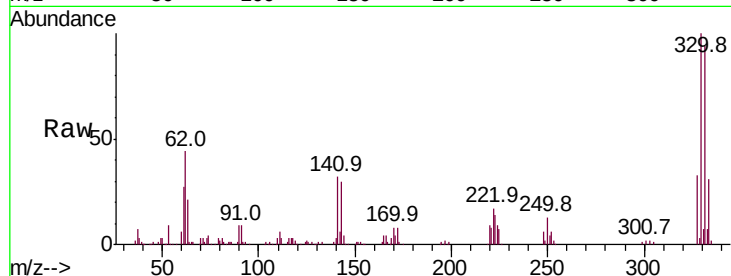




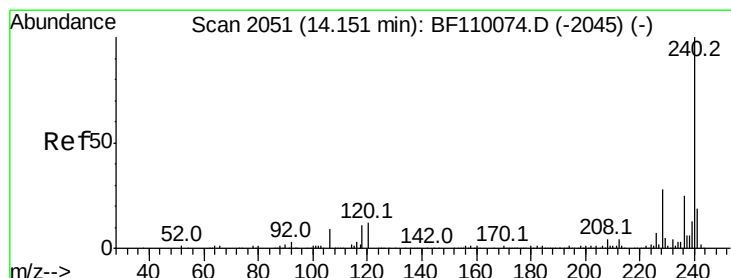
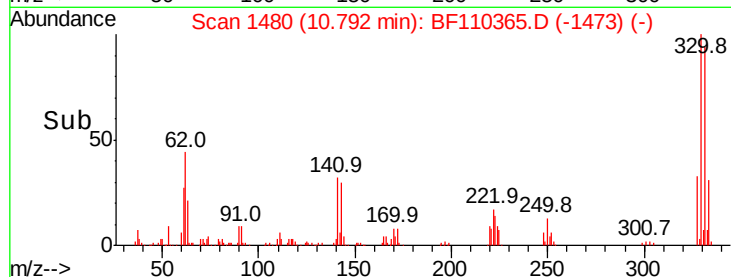
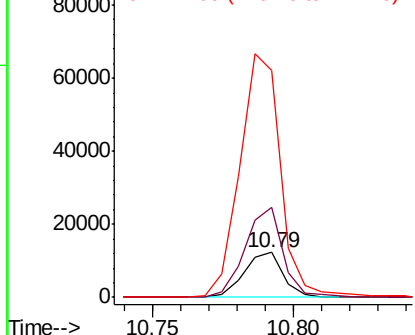
#67
4-Bromophenyl-phenylether
Concen: 4.563 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.26 min
Lab File: BF110365.D
Acq: 1 Nov 2018 13:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 11667
Ion Ratio Lower Upper
248 100
250 200.9 79.4 119.2#
141 507.2 55.9 83.9#

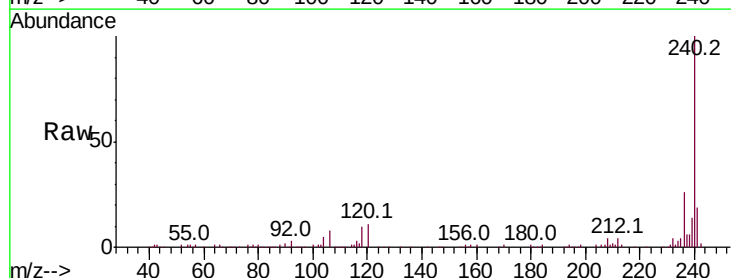


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

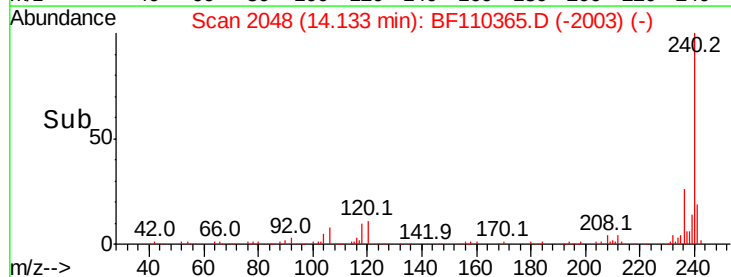
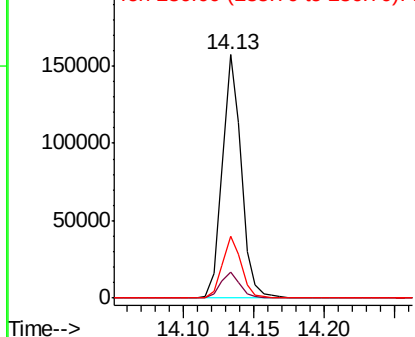


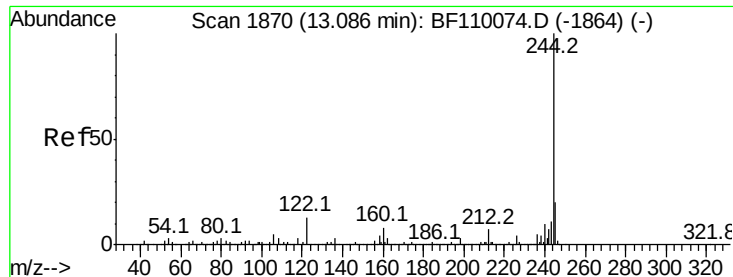
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.04 min
Lab File: BF110365.D
Acq: 1 Nov 2018 13:39

Tgt Ion:240 Resp: 146470
Ion Ratio Lower Upper
240 100
120 10.8 8.3 12.5
236 25.6 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

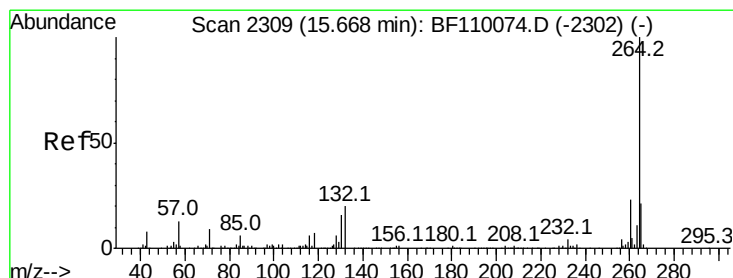
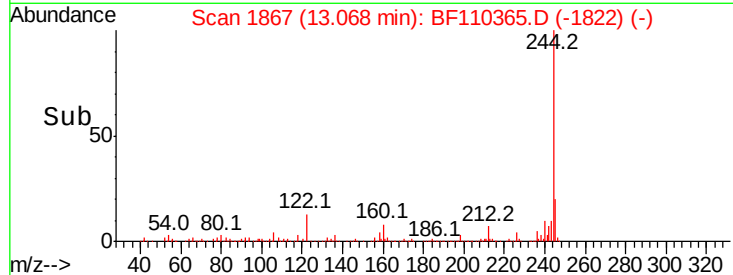
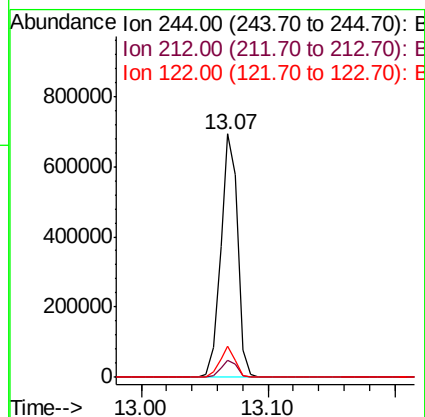
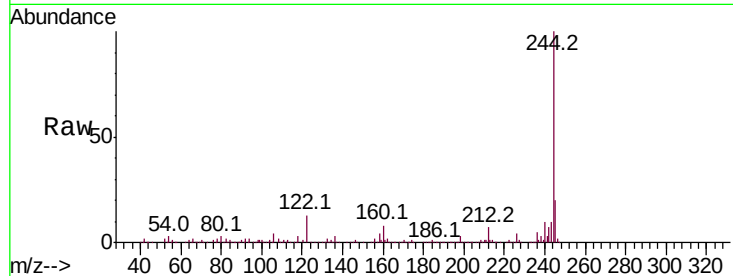




#79
 Terphenyl-d14
 Concen: 91.888 ng
 RT: 13.07 min Scan# 1867
 Delta R.T. -0.04 min
 Lab File: BF110365.D
 Acq: 1 Nov 2018 13:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 647150
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 12.8 8.7 13.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2307
 Delta R.T. -0.05 min
 Lab File: BF110365.D
 Acq: 1 Nov 2018 13:39

Tgt Ion:264 Resp: 160094
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.7 28.1
 265 21.7 16.7 25.1

