

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
 Data File : BF110466.D
 Acq On : 5 Nov 2018 15:49
 Operator : JU/SJ
 Sample : J5812-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 05 16:43:27 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	6.95	152	93720	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	401800	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	200712	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	378832	20.00	ng	0.00
76) Chrysene-d12	14.13	240	204410	20.00	ng	0.00
87) Perylene-d12	15.66	264	159417	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.58	112	583321	101.36	ng	0.00
7) Phenol-d6	6.58	99	757966	102.97	ng	0.00
23) Nitrobenzene-d5	7.52	82	488654	72.13	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	196598	98.88	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	939085	73.47	ng	0.00
79) Terphenyl-d14	13.07	244	830639	84.51	ng	0.00

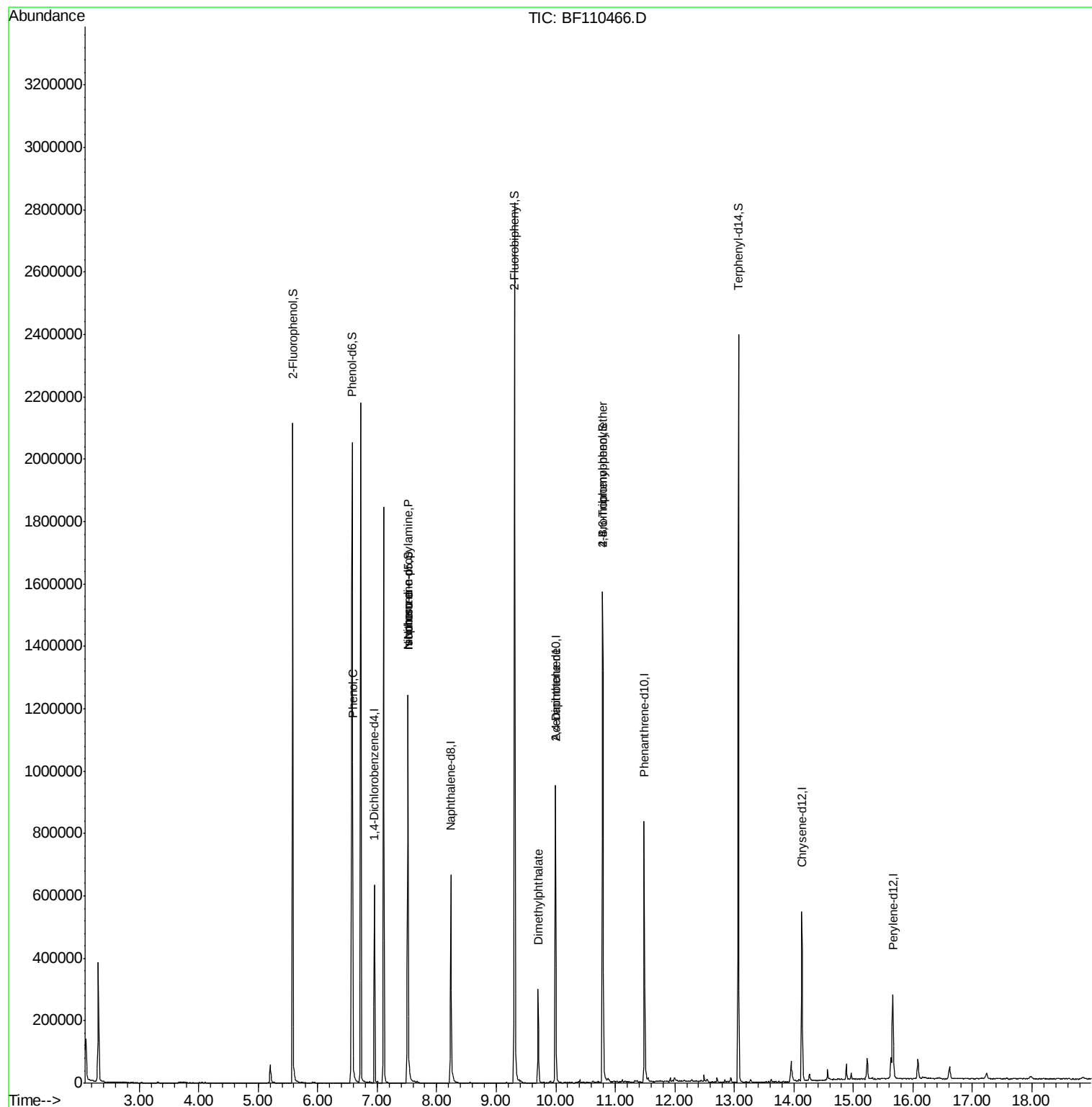
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.58	77	1453	Below Cal		# 1
10) Phenol	6.59	94	51230	6.511	ng	# 64
19) n-Nitroso-di-n-propylamine	7.52	70	64391	13.635	ng	# 80
25) Isophorone	7.52	82	488651	42.317	ng	# 67
50) Dimethylphthalate	9.70	163	155347	10.485	ng	# 99
57) 2,4-Dinitrotoluene	10.00	165	25379	6.261	ng	# 19
67) 4-Bromophenyl-phenylether	10.79	248	12597	3.066	ng	# 1

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

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QLast Update : Thu Nov 01 16:06:12 2018
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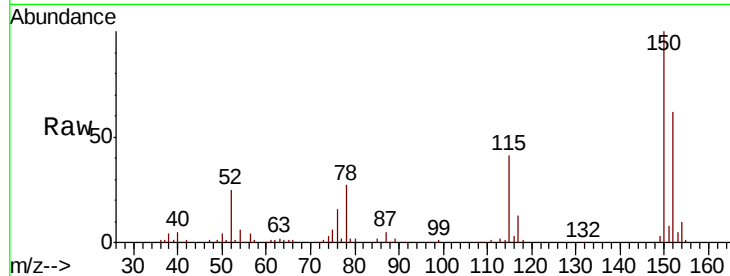


#1

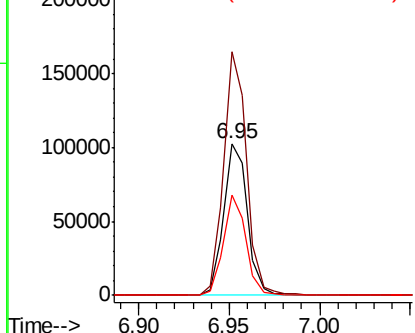
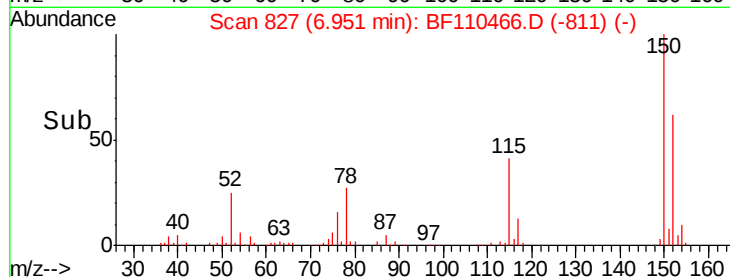
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110466.D
Acq: 5 Nov 2018 15:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 93720
Ion Ratio Lower Upper
152 100
150 160.1 122.7 184.1
115 66.3 49.1 73.7



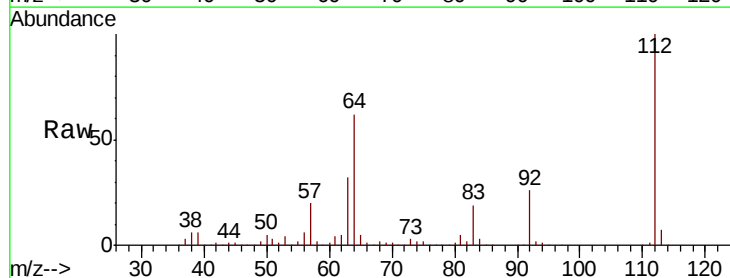
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



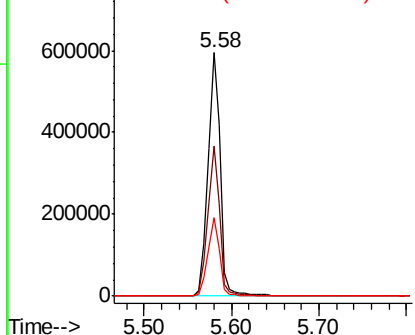
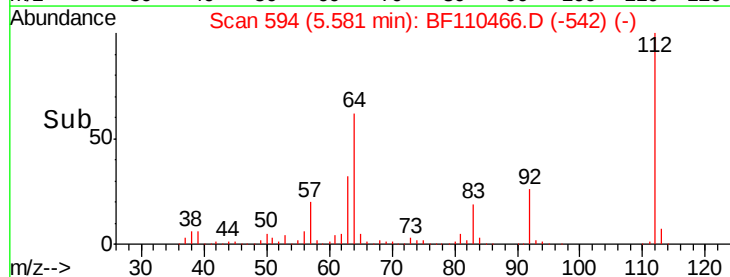
#5

2-Fluorophenol
Concen: 101.356 ng
RT: 5.58 min Scan# 594
Delta R.T. 0.01 min
Lab File: BF110466.D
Acq: 5 Nov 2018 15:49

Tgt Ion:112 Resp: 583321
Ion Ratio Lower Upper
112 100
64 61.9 44.1 66.1
63 32.4 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: 102.966 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF110466.D

Acq: 5 Nov 2018 15:49

Instrument :

BNA_F

ClientSampleId :

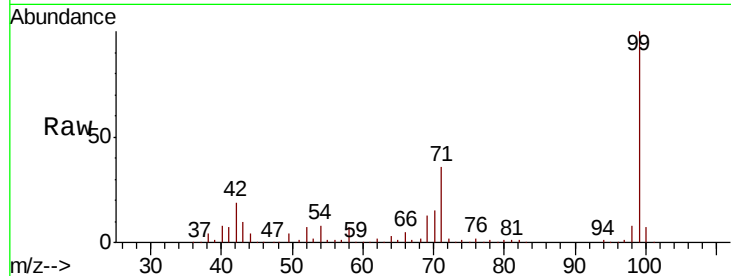
Tot Ion: 99 Resp: 757966

Ion Ratio Lower Upper

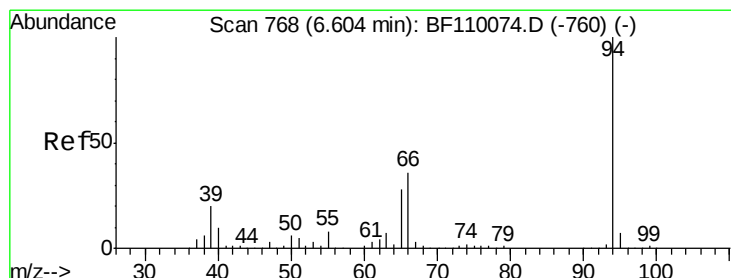
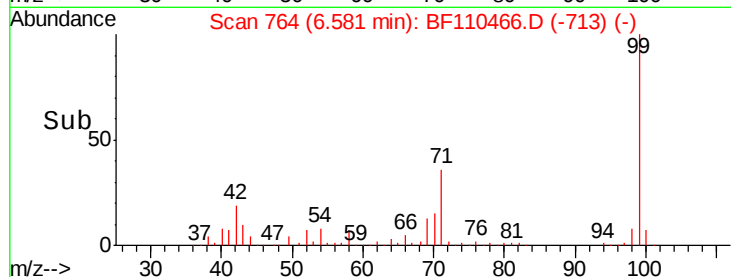
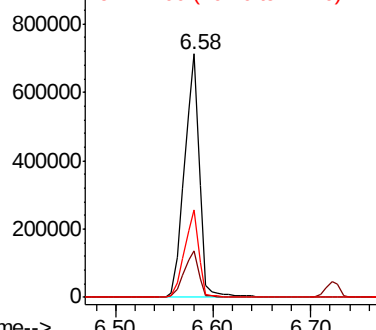
99 100

42 19.1 15.8 23.6

71 35.7 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: 6.511 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110466.D

Acq: 5 Nov 2018 15:49

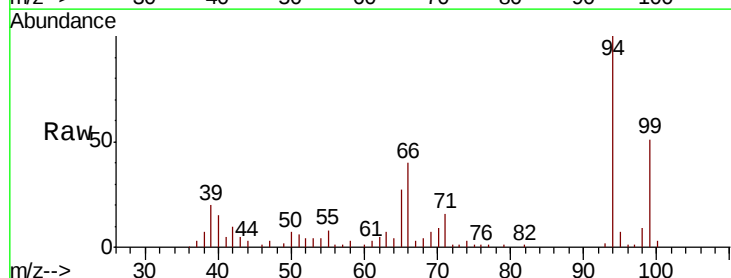
Tgt Ion: 94 Resp: 51230

Ion Ratio Lower Upper

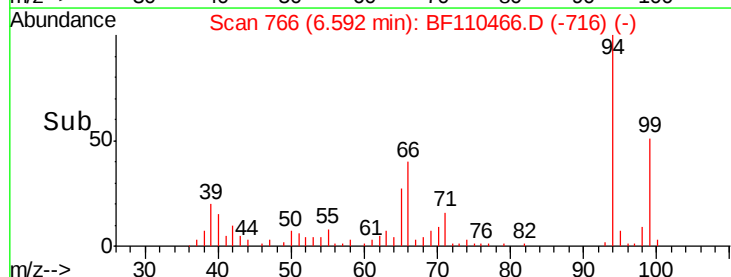
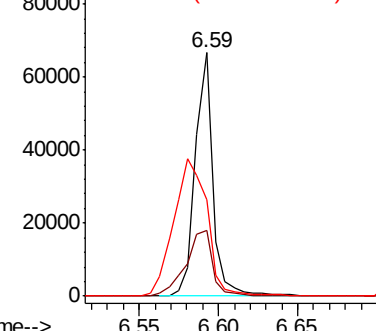
94 100

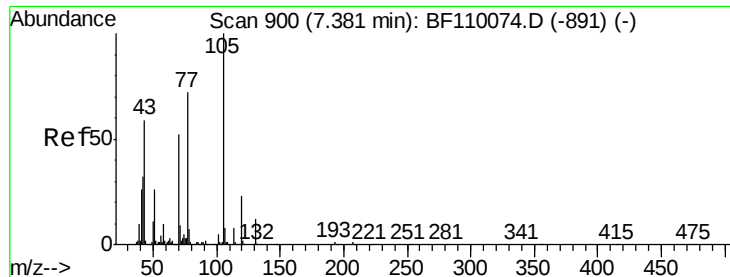
65 27.2 25.3 65.3

66 39.6 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

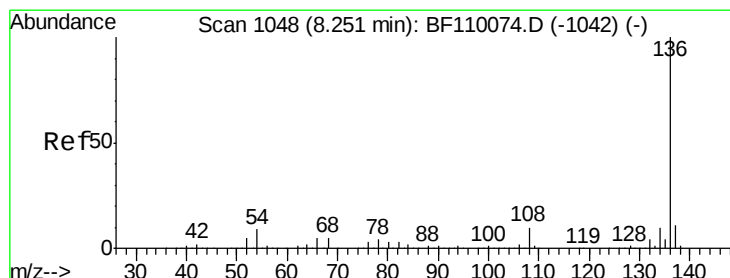
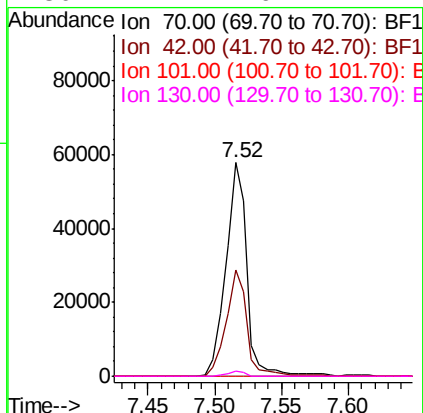
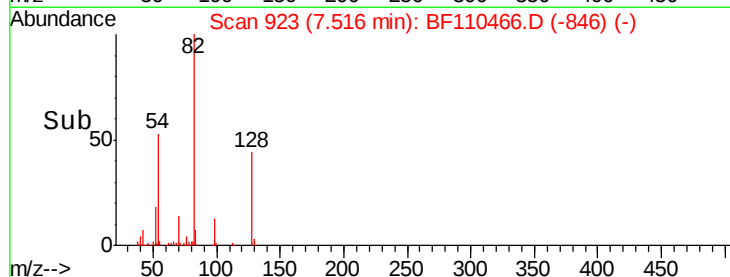
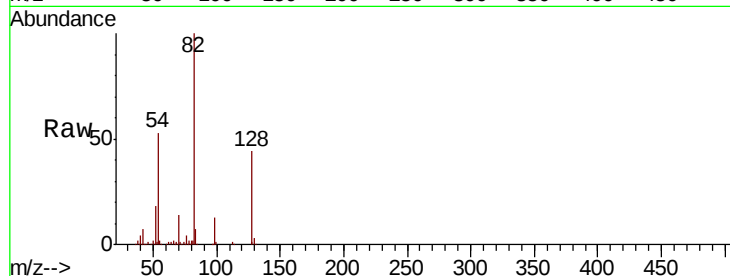




#19
n-Nitroso-di-n-propylamine
Concen: 13.635 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.15 min
Lab File: BF110466.D
Acq: 5 Nov 2018 15:49

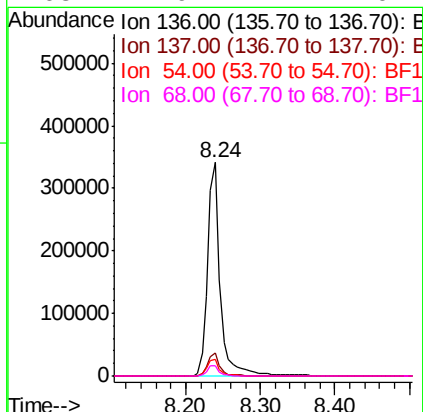
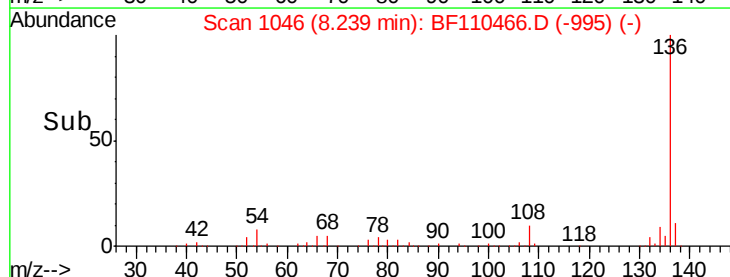
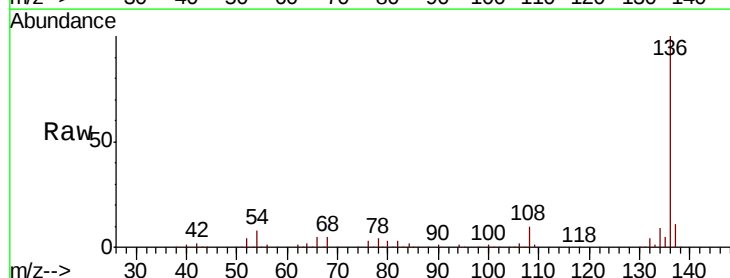
Instrument :
BNA_F
ClientSampleId :

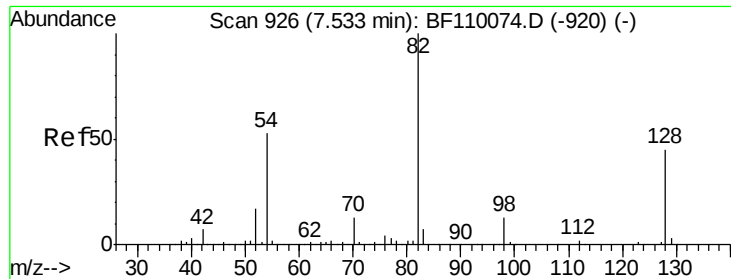
Tot Ion: 70 Resp: 64391
Ion Ratio Lower Upper
70 100
42 50.0 47.4 71.2
101 0.0 7.3 10.9#
130 2.2 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110466.D
Acq: 5 Nov 2018 15:49

Tgt Ion: 136 Resp: 401800
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.6 5.4 8.2
68 4.9 4.2 6.2

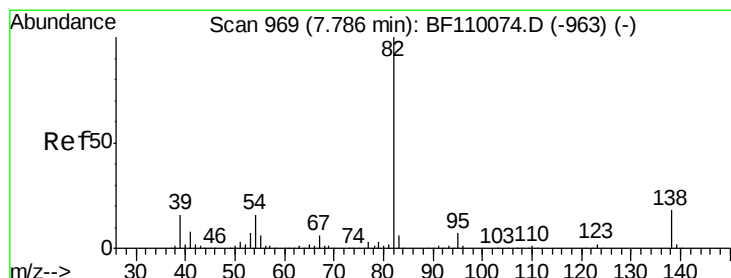
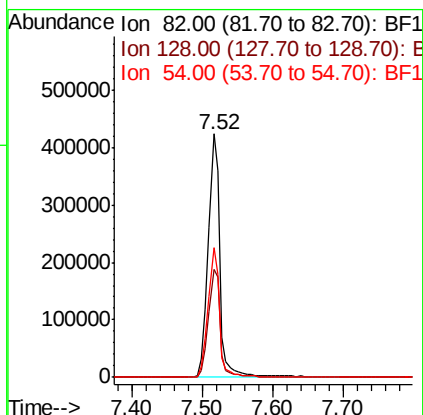
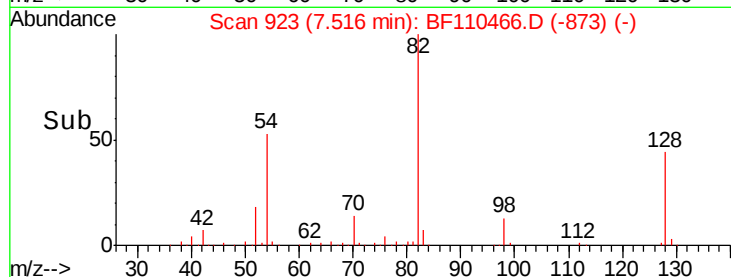
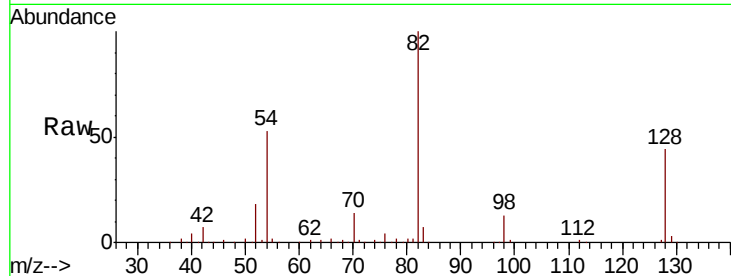




#23
 Nitrobenzene-d5
 Concen: 72.134 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BF110466.D
 Acq: 5 Nov 2018 15:49

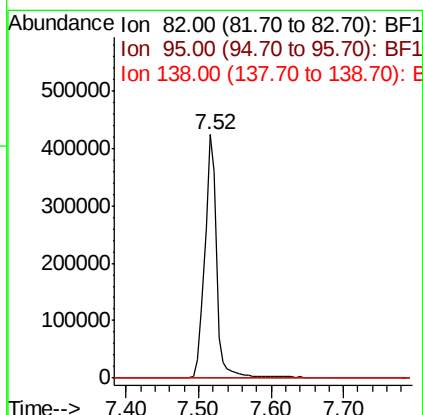
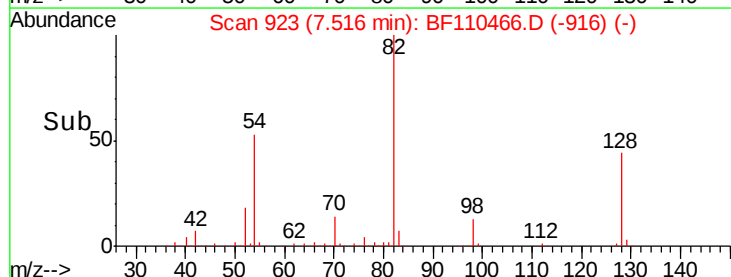
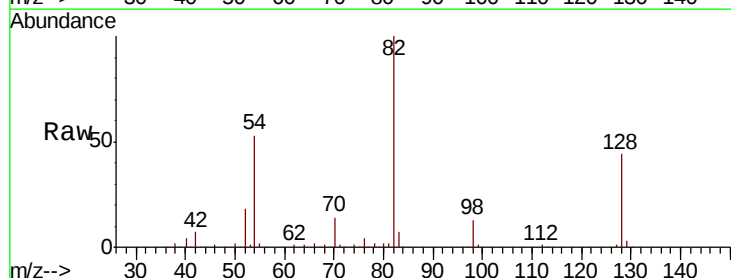
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.2	51.2
54	53.4	38.6	58.0



#25
 Isophorone
 Concen: 42.317 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.26 min
 Lab File: BF110466.D
 Acq: 5 Nov 2018 15:49

Tgt 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. 0.00 min

Lab File: BF110466.D

Acq: 5 Nov 2018 15:49

Instrument :

BNA_F

ClientSampled :

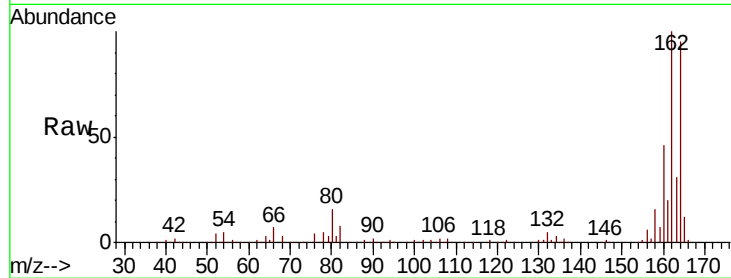
Tot Ion:164 Resp: 200712

Ion Ratio Lower Upper

164 100

162 105.0 83.0 124.6

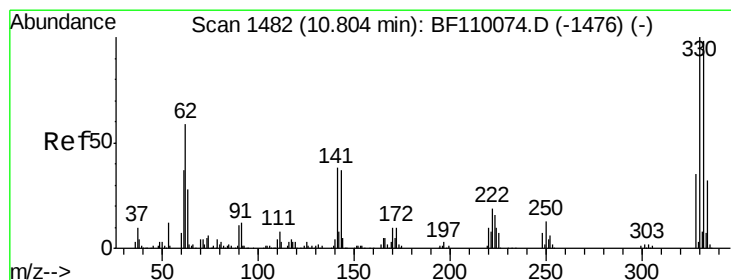
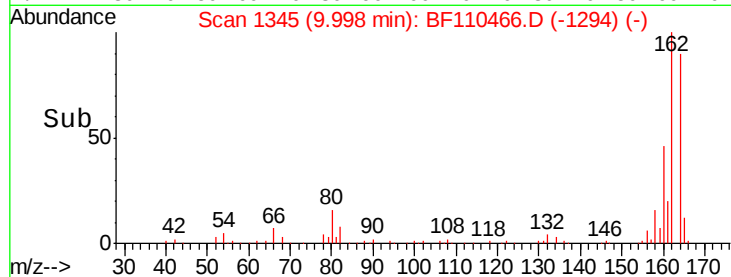
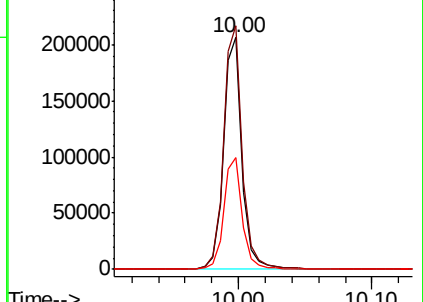
160 48.4 37.0 55.6



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



#42

2,4,6-Tribromophenol

Concen: 98.883 ng

RT: 10.79 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BF110466.D

Acq: 5 Nov 2018 15:49

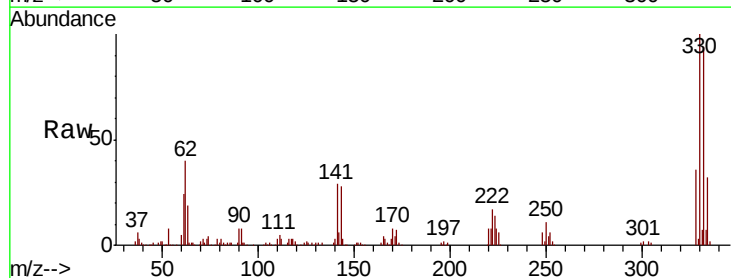
Tgt Ion:330 Resp: 196598

Ion Ratio Lower Upper

330 100

332 95.5 77.1 115.7

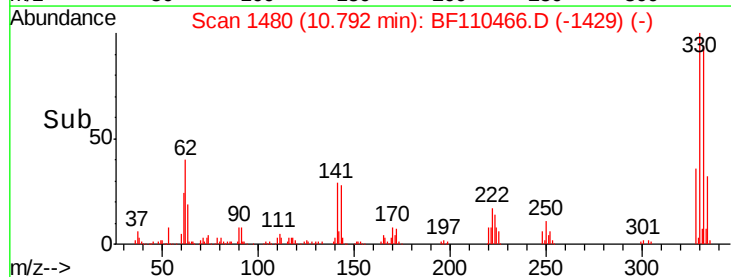
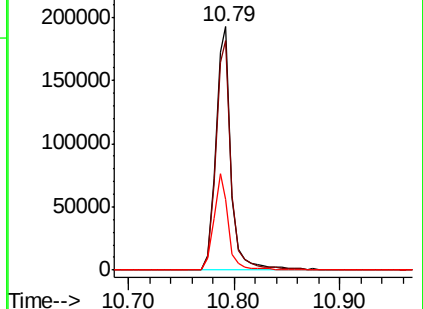
141 37.9 27.0 40.4

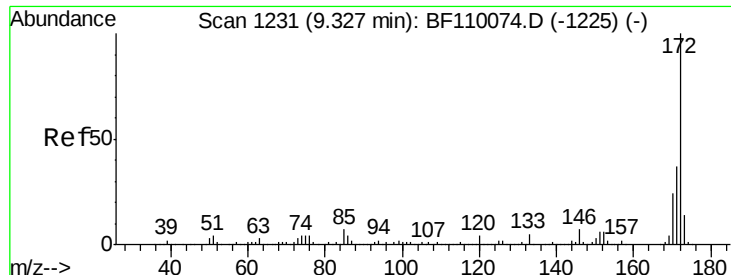


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 73.469 ng

RT: 9.31 min Scan# 1228

Delta R.T. -0.01 min

Lab File: BF110466.D

Acq: 5 Nov 2018 15:49

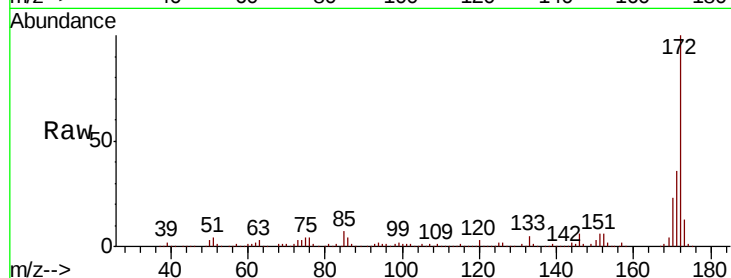
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 939085

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	43.0
170	23.4	19.7	29.5

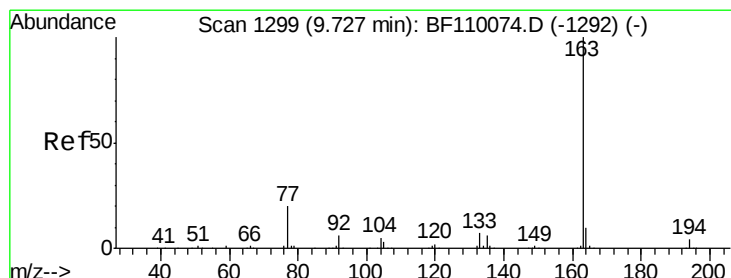
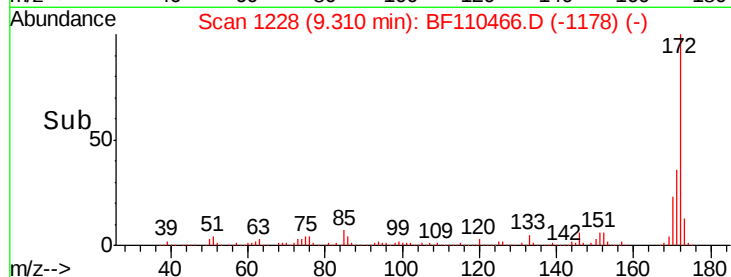
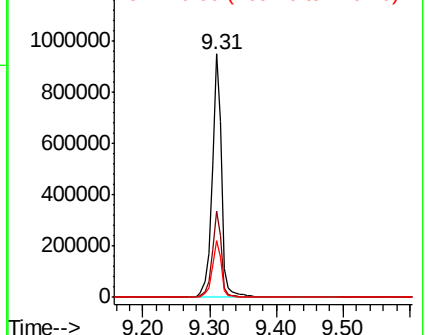


Abundance

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: 10.485 ng

RT: 9.70 min Scan# 1295

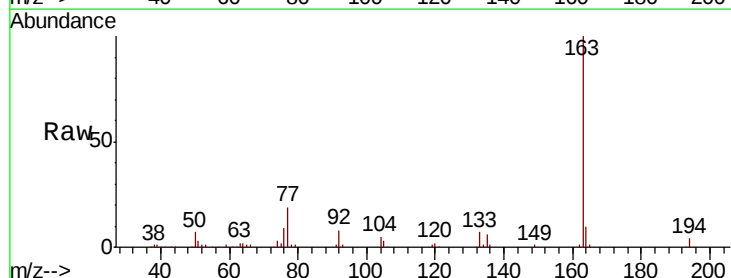
Delta R.T. -0.01 min

Lab File: BF110466.D

Acq: 5 Nov 2018 15:49

Tgt Ion:163 Resp: 155347

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	9.8	8.1	12.1

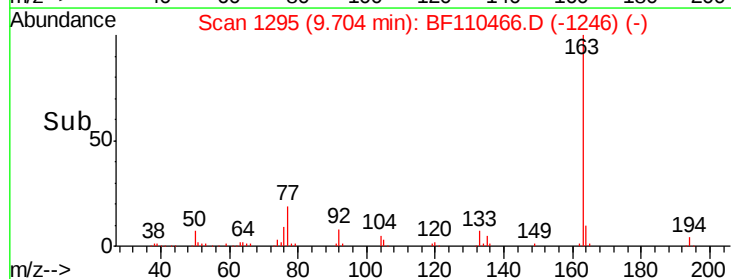
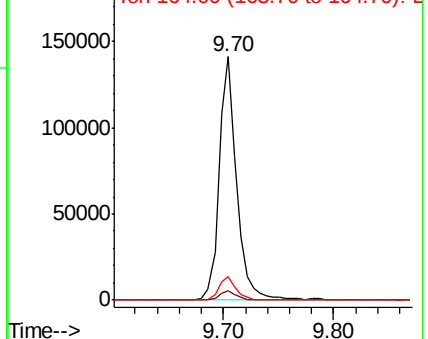


Abundance

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

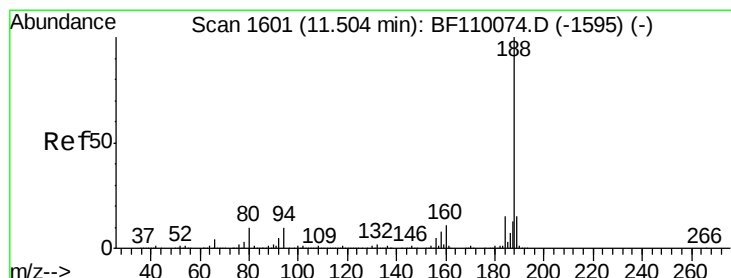
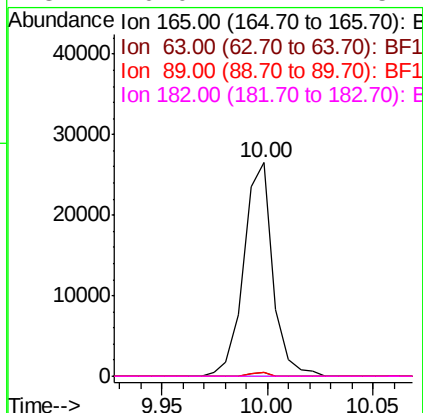
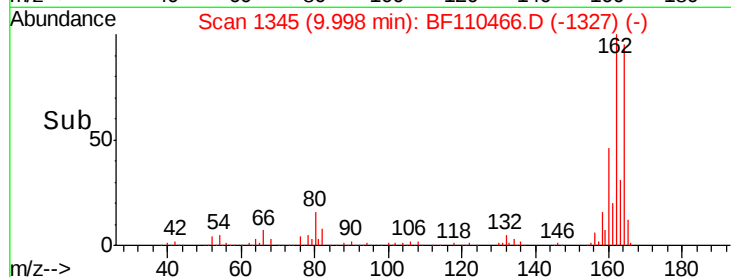
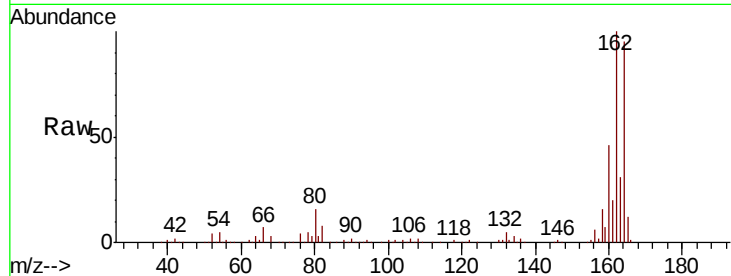




#57
 2,4-Dinitrotoluene
 Concen: 6.261 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. -0.19 min
 Lab File: BF110466.D
 Acq: 5 Nov 2018 15:49

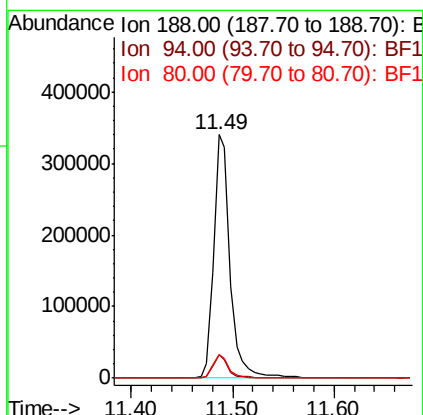
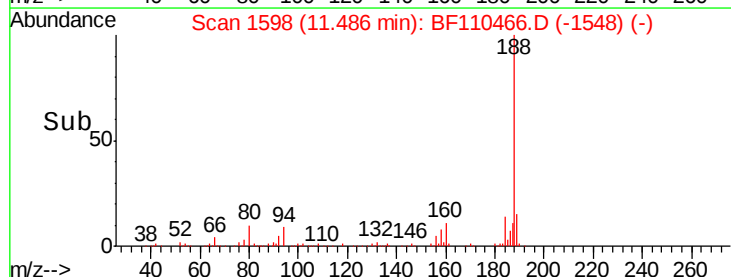
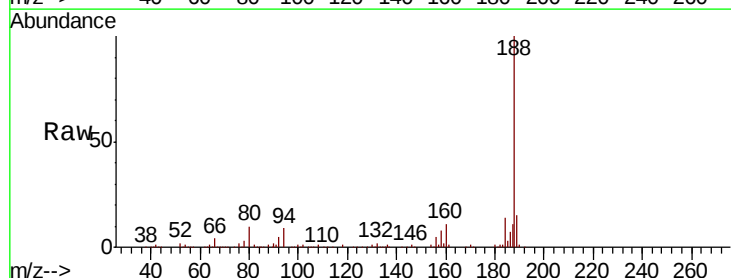
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.8	67.2#
89	1.6	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: BF110466.D
 Acq: 5 Nov 2018 15:49

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.2	10.8
80	9.7	7.9	11.9

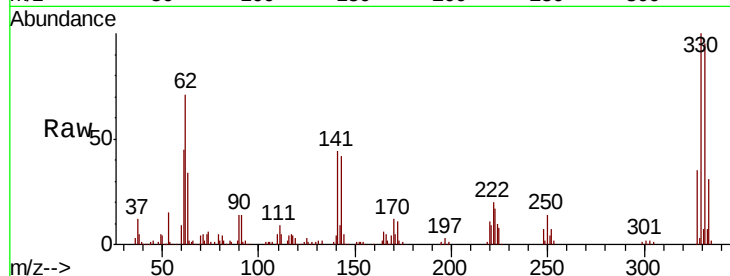




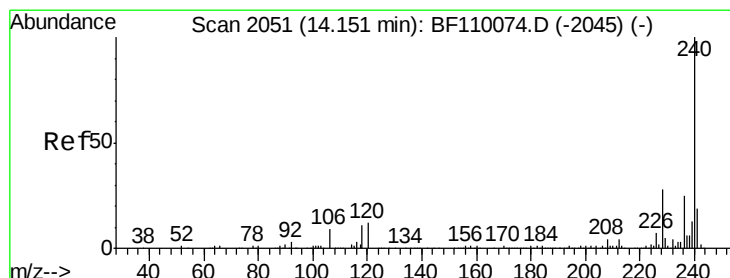
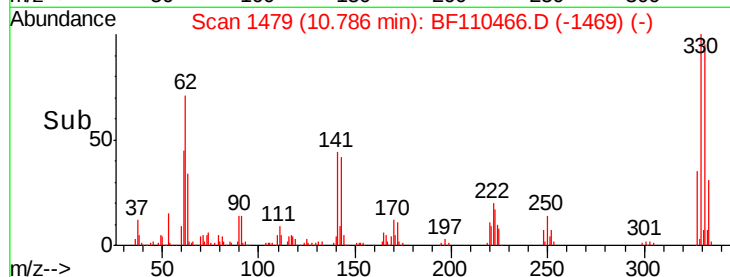
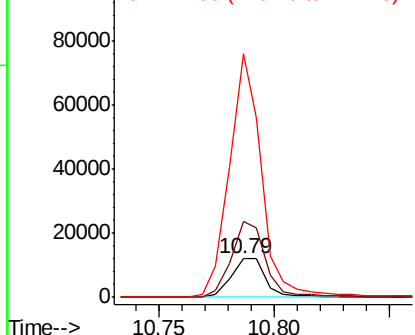
#67
4-Bromophenyl-phenylether
Concen: 3.066 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.24 min
Lab File: BF110466.D
Acq: 5 Nov 2018 15:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 12597
Ion Ratio Lower Upper
248 100
250 197.6 79.4 119.2#
141 629.6 55.9 83.9#

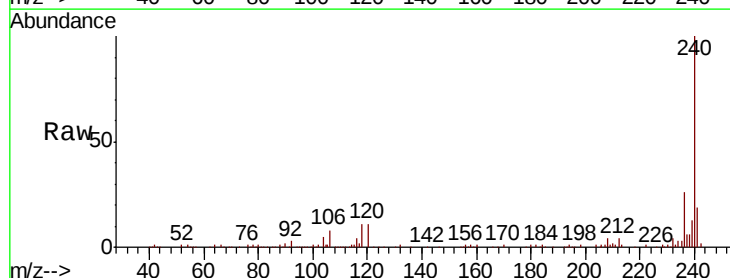


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

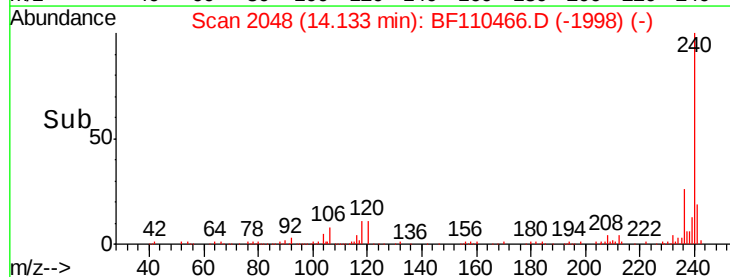
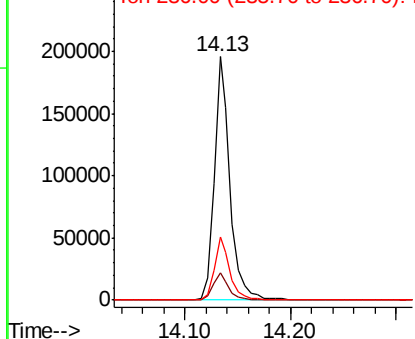


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110466.D
Acq: 5 Nov 2018 15:49

Tgt Ion:240 Resp: 204410
Ion Ratio Lower Upper
240 100
120 11.3 8.3 12.5
236 25.8 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: 84.511 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF110466.D

Acq: 5 Nov 2018 15:49

Instrument :

BNA_F

ClientSampled :

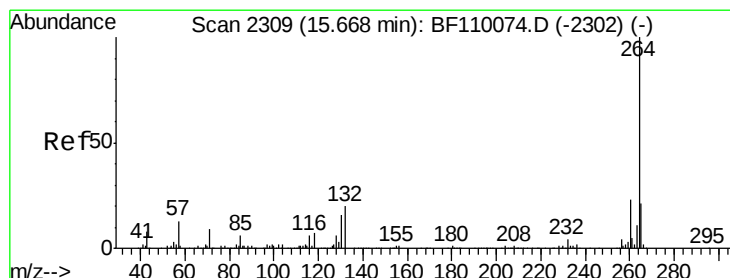
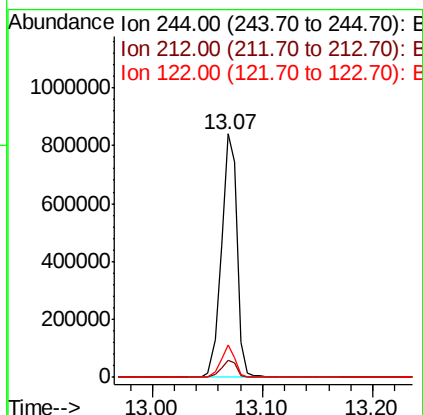
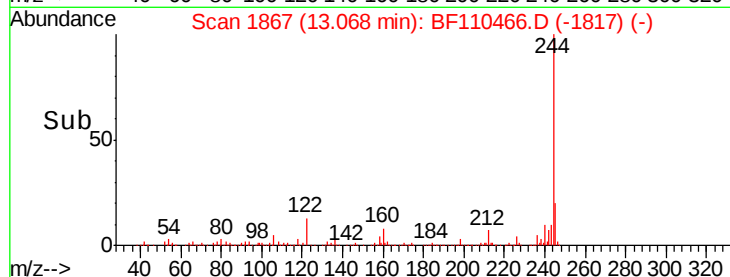
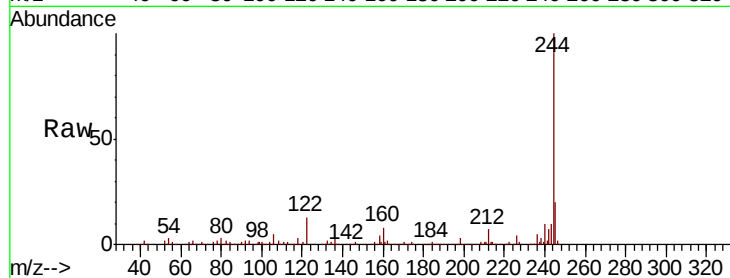
Tot Ion:244 Resp: 830639

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 13.1 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: BF110466.D

Acq: 5 Nov 2018 15:49

Tgt Ion:264 Resp: 159417

Ion Ratio Lower Upper

264 100

260 23.0 18.7 28.1

265 19.3 16.7 25.1

