

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
 Data File : BF110270.D
 Acq On : 29 Oct 2018 19:04
 Operator : JU/SJ
 Sample : J5691-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 30 07:38:30 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 17:29:00 2018
 Response via : Initial Calibration

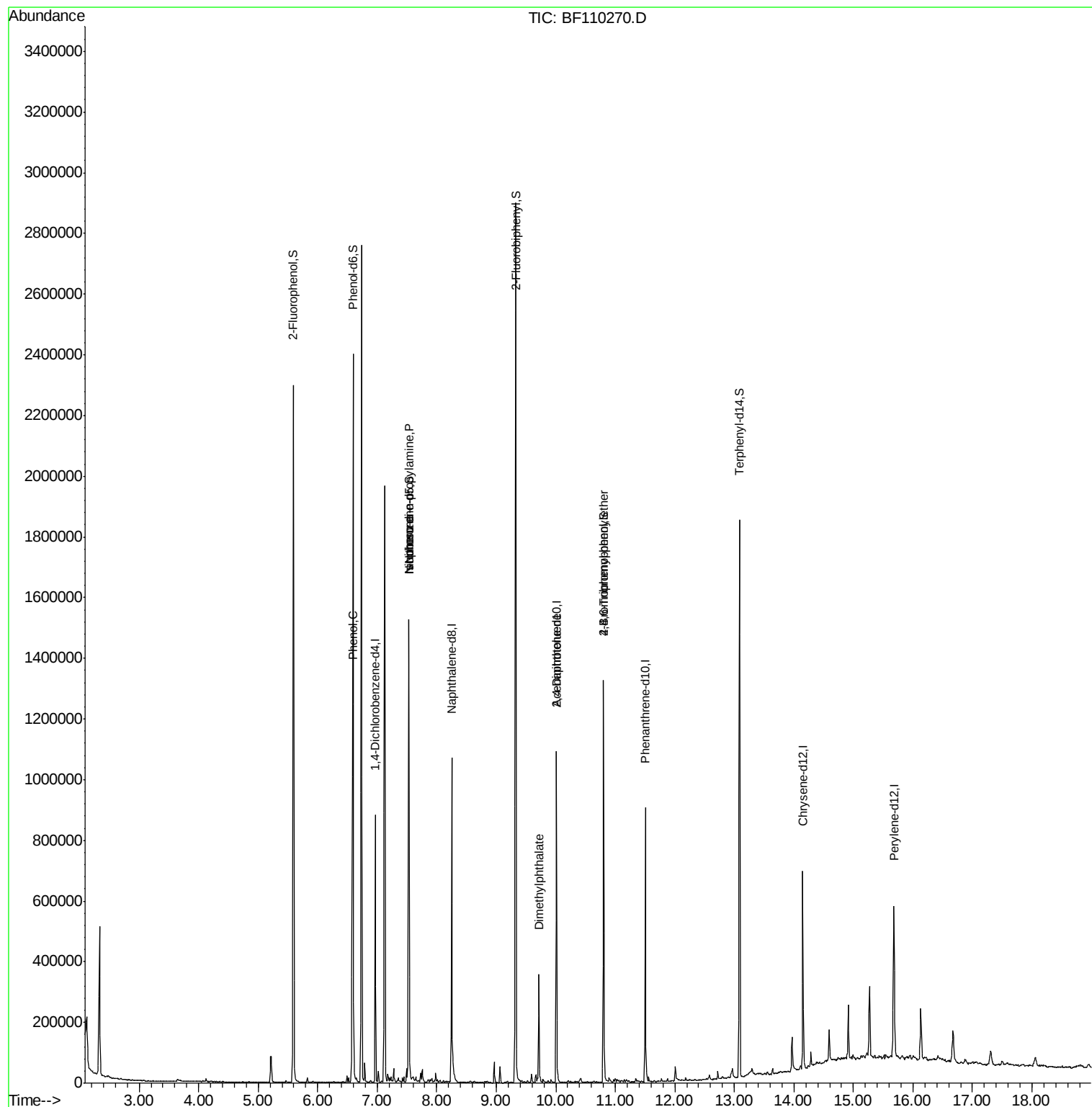
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	122236	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	494161	20.00	ng	0.00
39) Acenaphthene-d10	10.01	164	217140	20.00	ng	0.00
64) Phenanthrene-d10	11.50	188	326624	20.00	ng	0.00
76) Chrysene-d12	14.15	240	220412	20.00	ng	0.00
87) Perylene-d12	15.69	264	186391	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	688031	91.66	ng	0.01
7) Phenol-d6	6.59	99	852587	88.80	ng	0.00
23) Nitrobenzene-d5	7.53	82	535260	64.25	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	156925	72.96	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	920606	66.57	ng	0.00
79) Terphenyl-d14	13.09	244	596831	56.31	ng	0.00
Target Compounds						
9) Benzaldehyde	6.52	77	706	Below Cal	Qvalue	# 1
10) Phenol	6.60	94	45143	4.399 ng	#	63
19) n-Nitroso-di-n-propylamine	7.53	70	71963	11.683 ng	#	79
25) Isophorone	7.53	82	535318	37.694 ng	#	67
50) Dimethylphthalate	9.72	163	144035	8.986 ng		100
57) 2,4-Dinitrotoluene	10.01	165	27170	6.195 ng	#	19
67) 4-Bromophenyl-phenylether	10.80	248	9718	2.743 ng	#	1

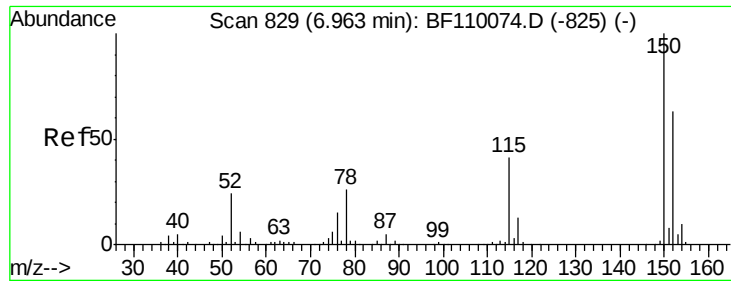
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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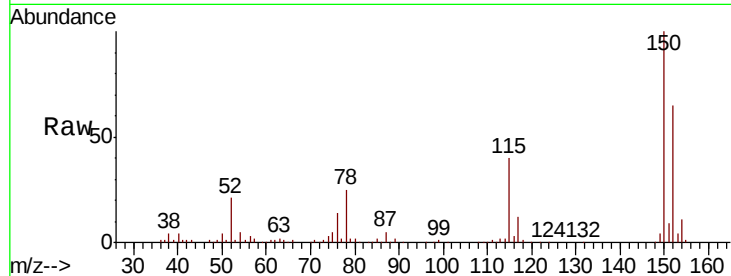


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF110270.D
Acq: 29 Oct 2018 19:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	122.7	184.1
115	60.9	49.1	73.7

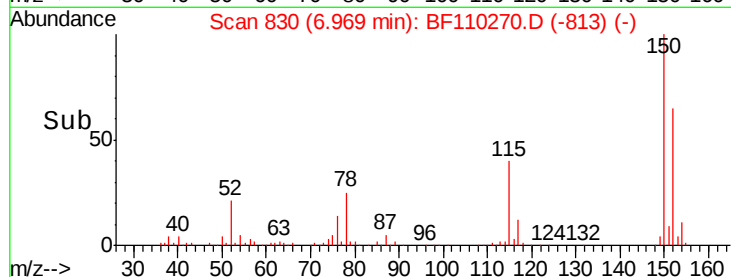
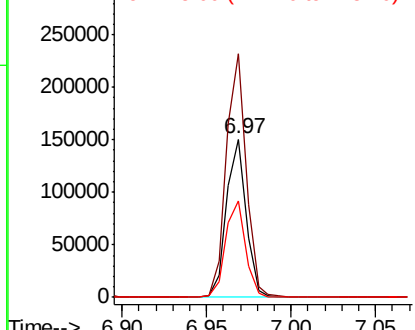


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

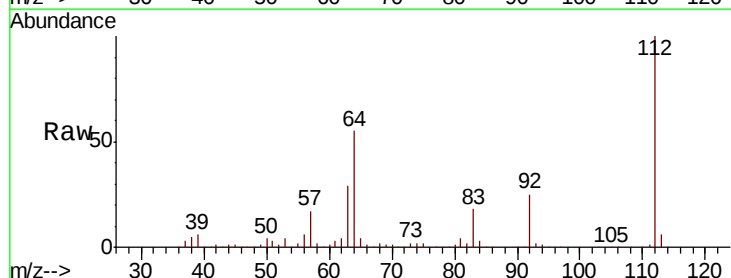
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 91.661 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.01 min
Lab File: BF110270.D
Acq: 29 Oct 2018 19:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.3	44.1	66.1
63	29.5	23.7	35.5

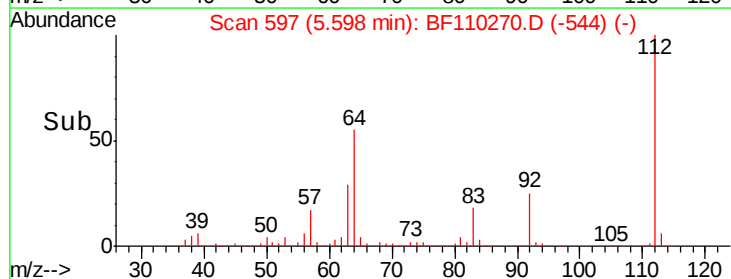
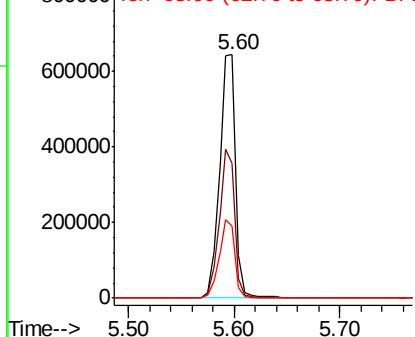


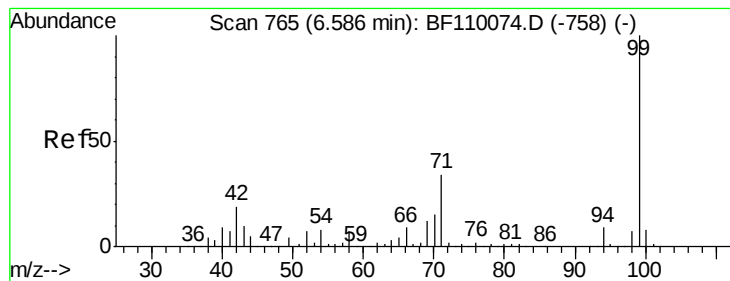
Abundance

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: 88.801 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF110270.D

Acq: 29 Oct 2018 19:04

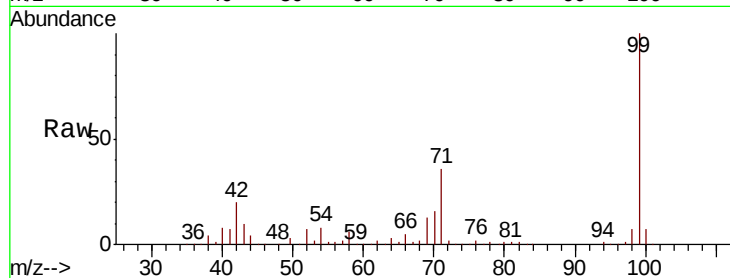
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 852587

Ion	Ratio	Lower	Upper
99	100		
42	19.6	15.8	23.6
71	36.1	28.0	42.0

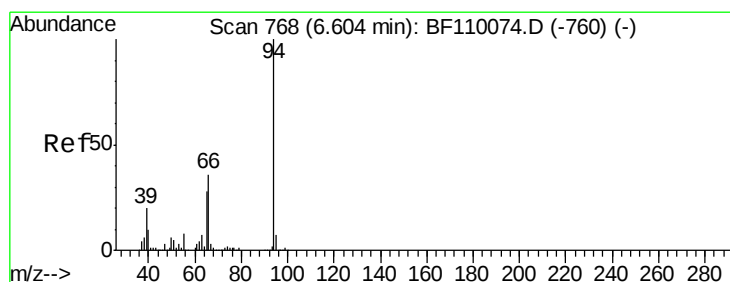
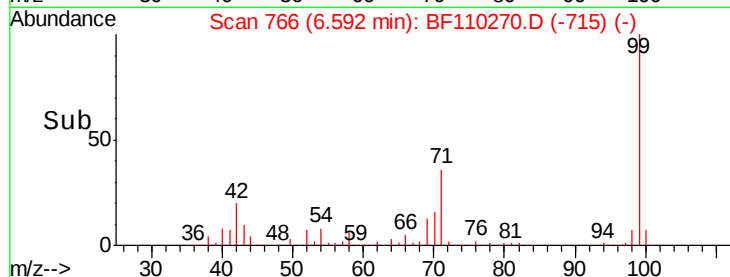
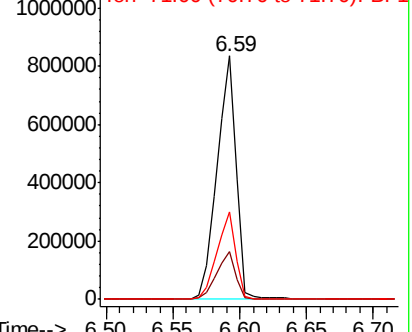


Abundance

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: 4.399 ng

RT: 6.60 min Scan# 768

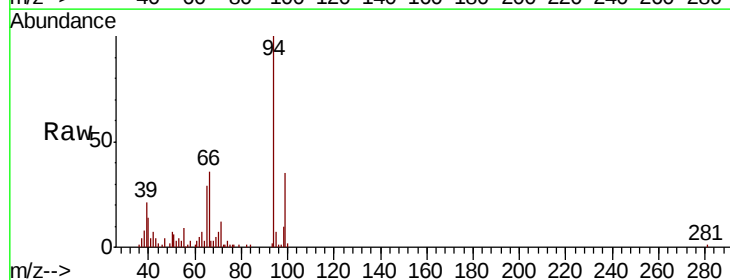
Delta R.T. 0.00 min

Lab File: BF110270.D

Acq: 29 Oct 2018 19:04

Tgt Ion: 94 Resp: 45143

Ion	Ratio	Lower	Upper
94	100		
65	29.1	25.3	65.3
66	36.5	54.5	94.5#

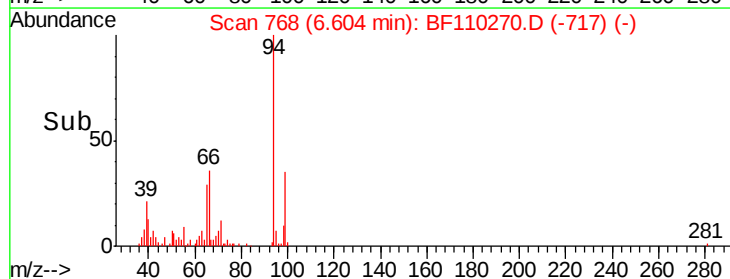
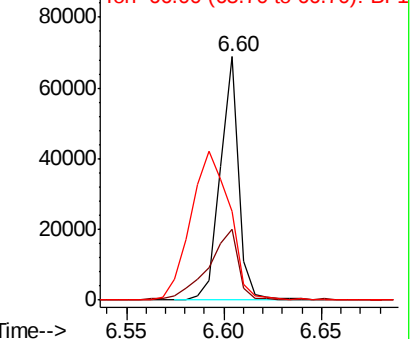


Abundance

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

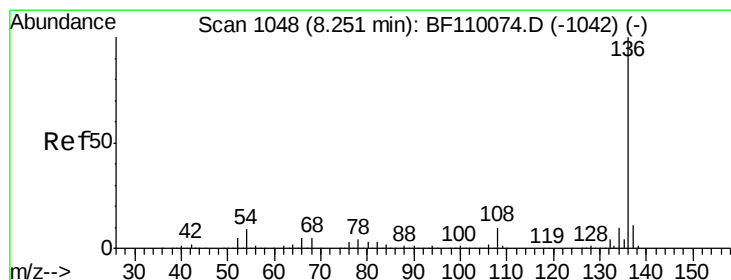
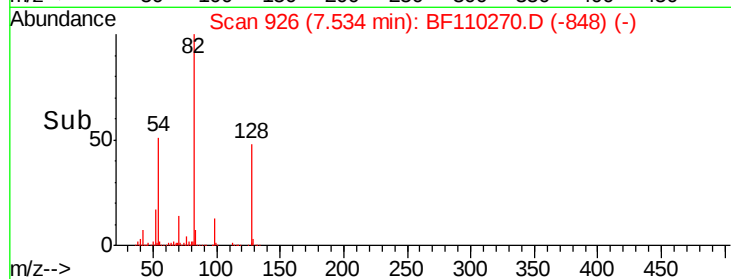
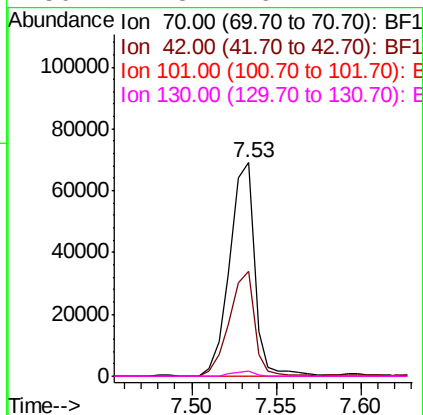
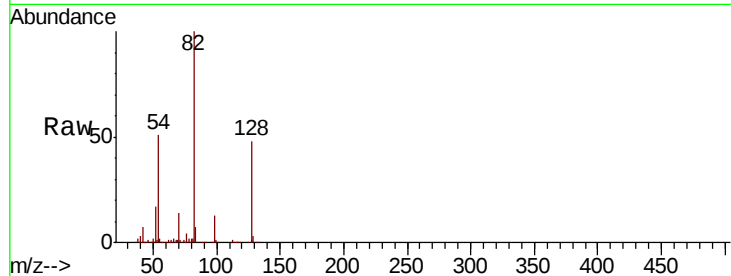




#19
n-Nitroso-di-n-propylamine
Concen: 11.683 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.16 min
Lab File: BF110270.D
Acq: 29 Oct 2018 19:04

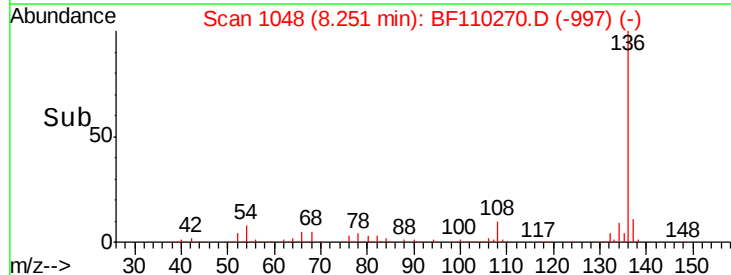
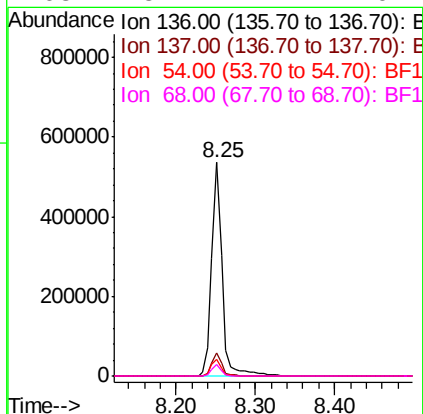
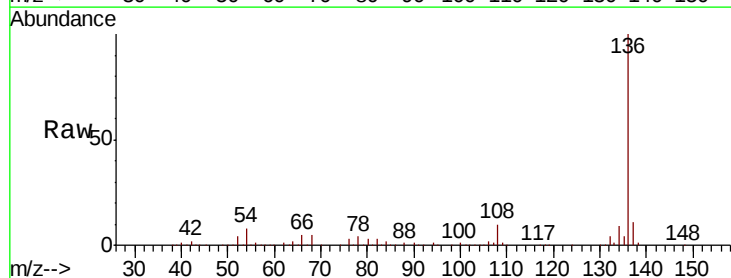
Instrument :
BNA_F
ClientSampleId :

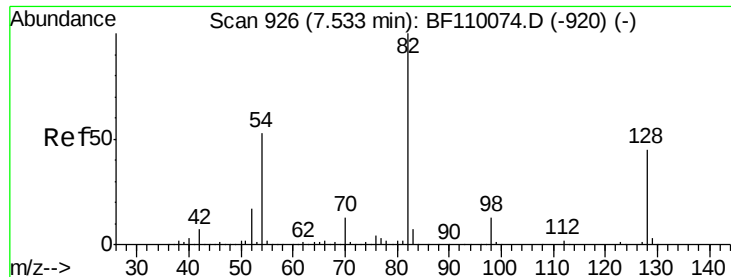
Tot Ion:	70	Resp:	71963
Ion	Ratio	Lower	Upper
70	100		
42	49.0	47.4	71.2
101	0.0	7.3	10.9#
130	2.3	16.2	24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF110270.D
Acq: 29 Oct 2018 19:04

Tgt Ion:	136	Resp:	494161
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.9	5.4	8.2
68	5.2	4.2	6.2

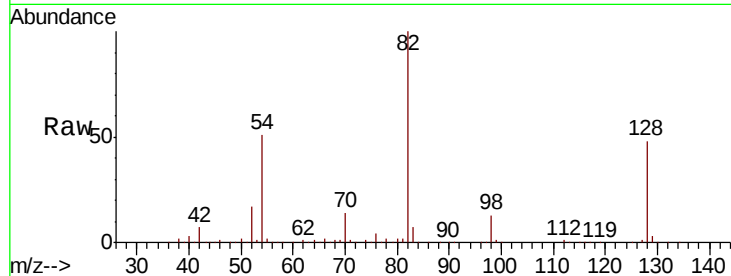




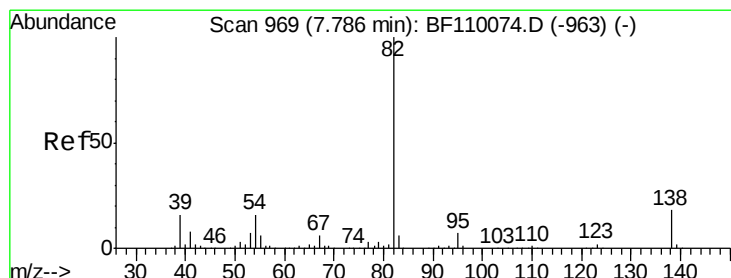
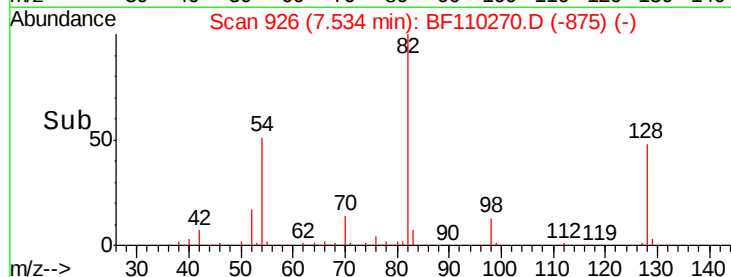
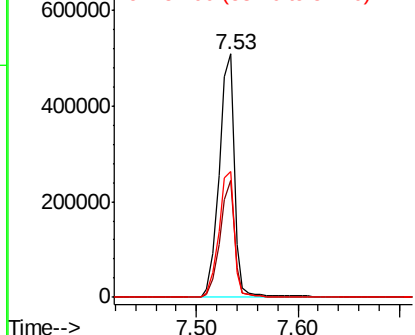
#23
Nitrobenzene-d5
Concen: 64.246 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.00 min
Lab File: BF110270.D
Acq: 29 Oct 2018 19:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.1	34.2	51.2
54	51.5	38.6	58.0

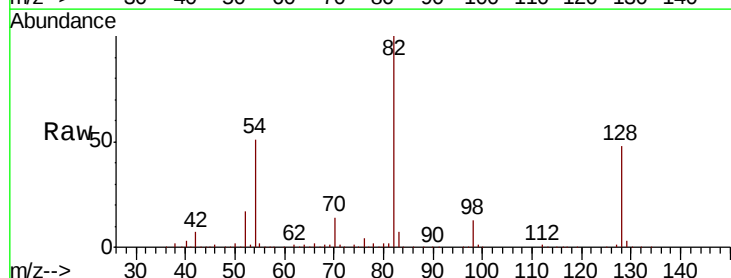


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

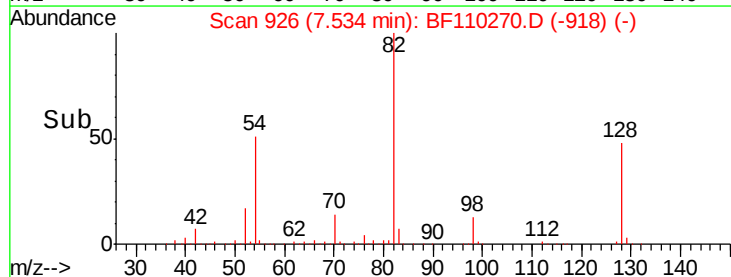
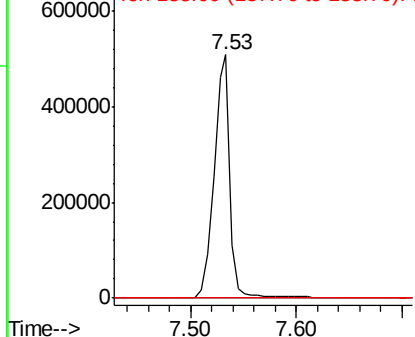


#25
Isophorone
Concen: 37.694 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.25 min
Lab File: BF110270.D
Acq: 29 Oct 2018 19:04

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: 10.01 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BF110270.D

Acq: 29 Oct 2018 19:04

Instrument :

BNA_F

ClientSampleId :

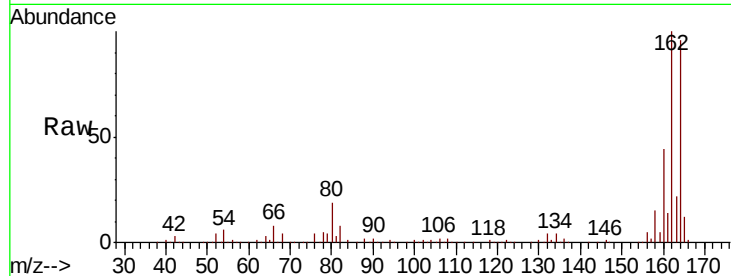
Tot Ion:164 Resp: 217140

Ion Ratio Lower Upper

164 100

162 104.0 83.0 124.6

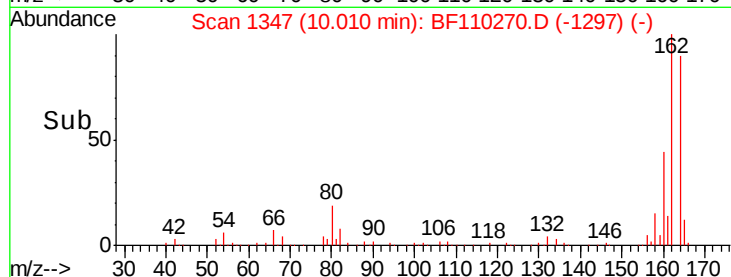
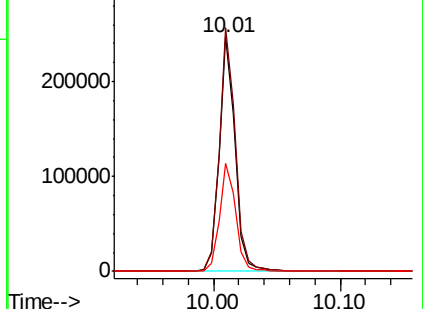
160 45.9 37.0 55.6



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: 72.957 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF110270.D

Acq: 29 Oct 2018 19:04

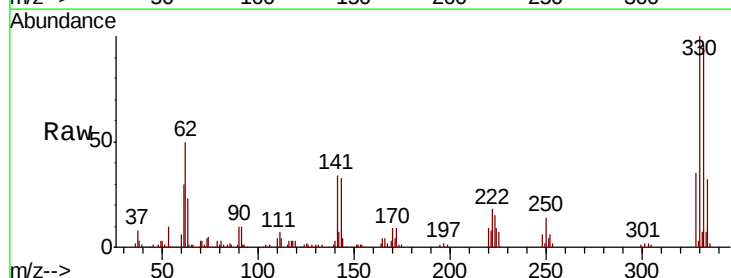
Tgt Ion:330 Resp: 156925

Ion Ratio Lower Upper

330 100

332 96.1 77.1 115.7

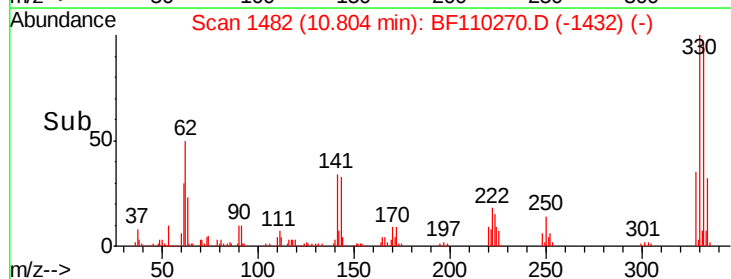
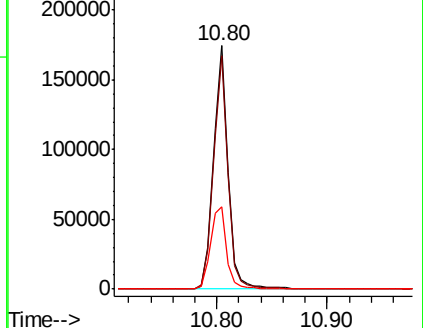
141 36.6 27.0 40.4



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

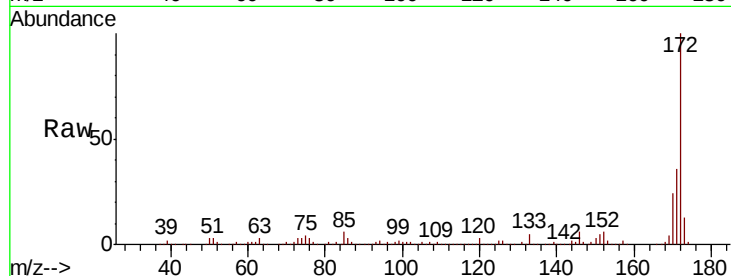




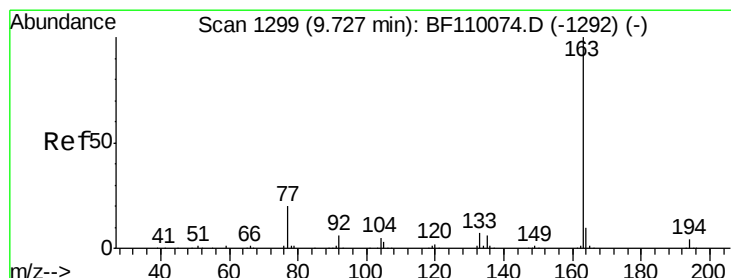
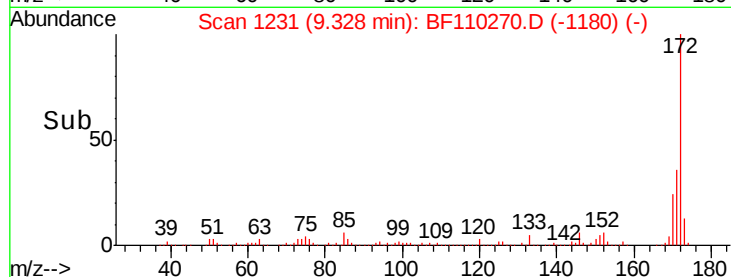
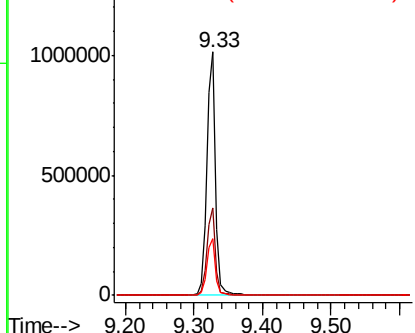
#45
2-Fluorobiphenyl
Concen: 66.574 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF110270.D
Acq: 29 Oct 2018 19:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 920606
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 23.5 19.7 29.5

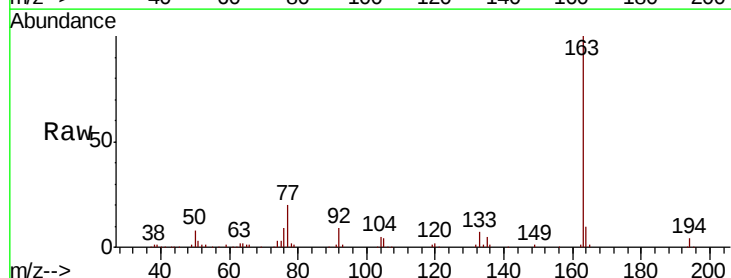


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

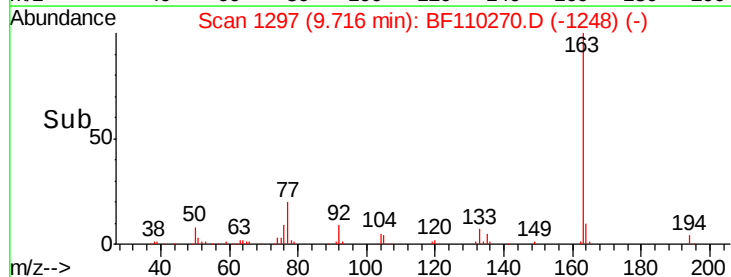
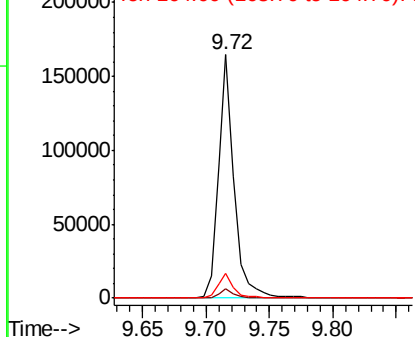


#50
Dimethylphthalate
Concen: 8.986 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF110270.D
Acq: 29 Oct 2018 19:04

Tgt Ion:163 Resp: 144035
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.1 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

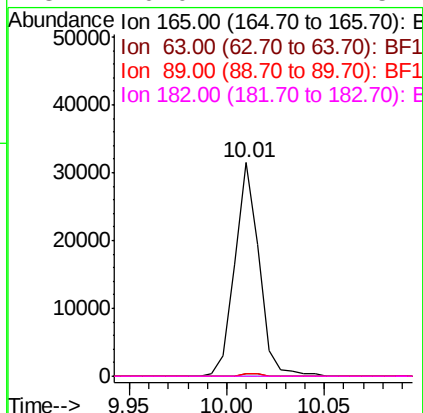
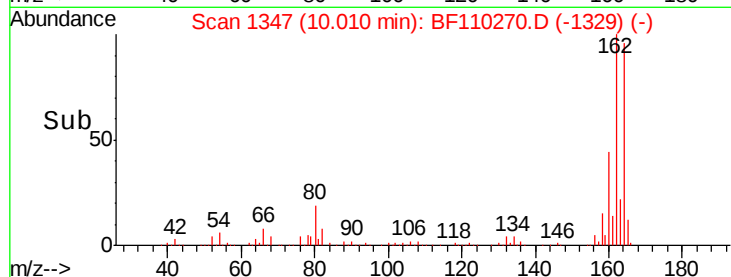
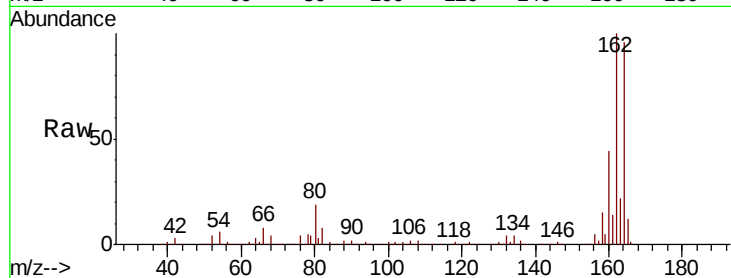




#57
2,4-Dinitrotoluene
Concen: 6.195 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.19 min
Lab File: BF110270.D
Acq: 29 Oct 2018 19:04

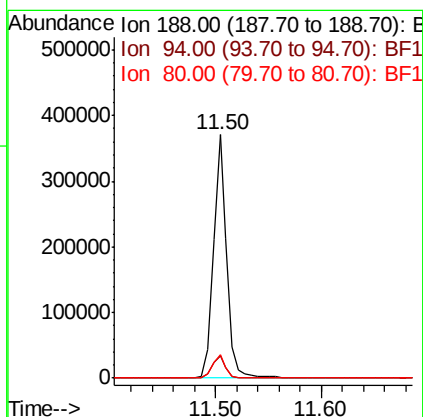
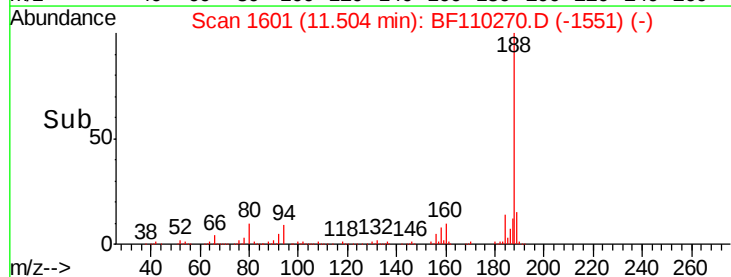
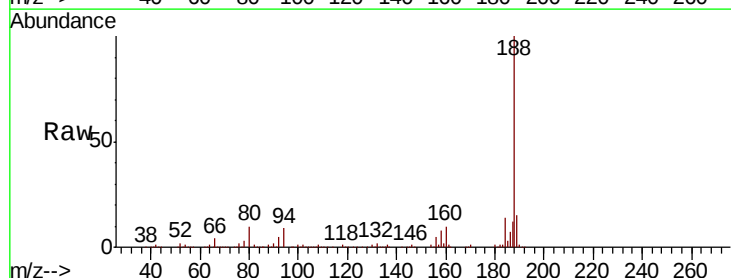
Instrument :
BNA_F
ClientSampled :

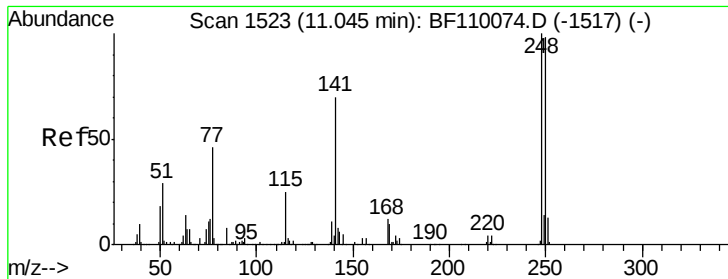
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	44.8	67.2#
89	1.3	62.2	93.4#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110270.D
Acq: 29 Oct 2018 19:04

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.2	10.8
80	9.7	7.9	11.9

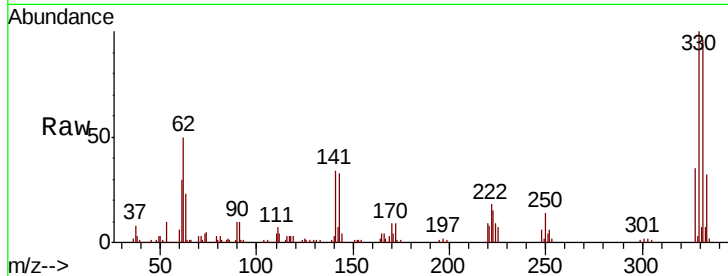




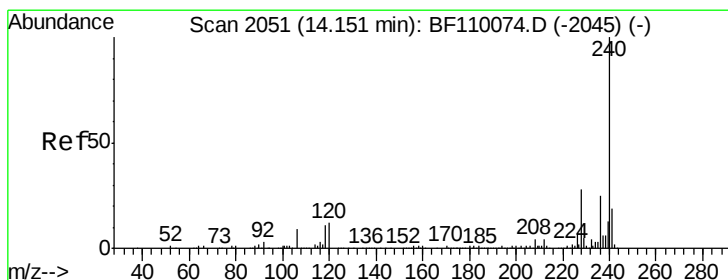
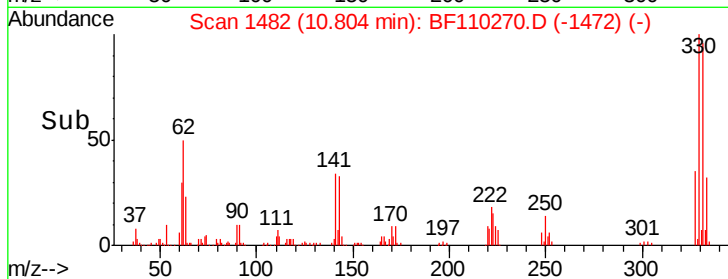
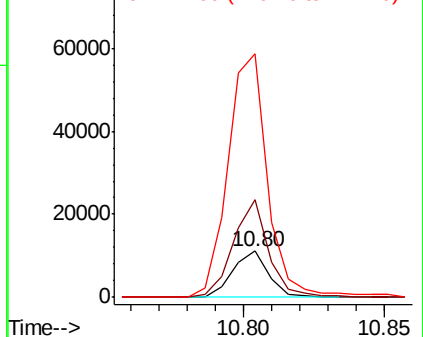
#67
4-Bromophenyl-phenylether
Concen: 2.743 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.24 min
Lab File: BF110270.D
Acq: 29 Oct 2018 19:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 9718
Ion Ratio Lower Upper
248 100
250 211.0 79.4 119.2#
141 524.6 55.9 83.9#

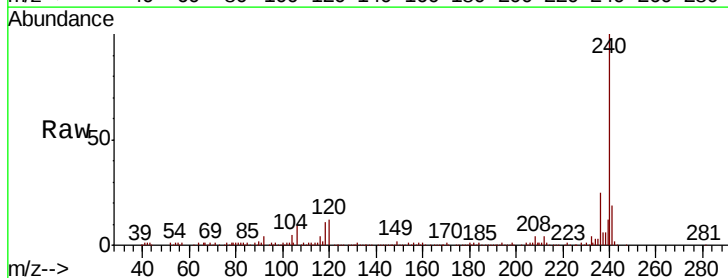


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

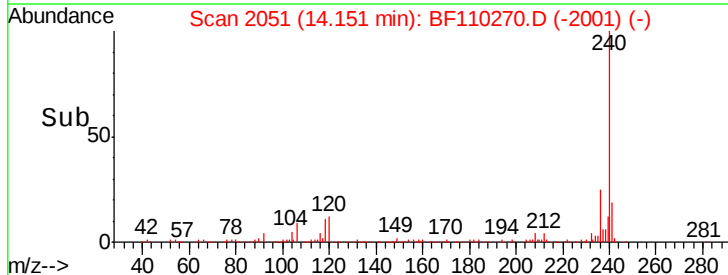
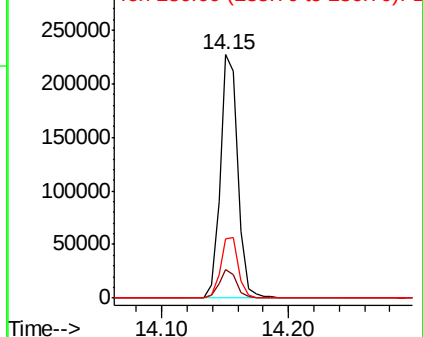


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110270.D
Acq: 29 Oct 2018 19:04

Tgt Ion:240 Resp: 220412
Ion Ratio Lower Upper
240 100
120 11.9 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





#79

Terphenyl-d14

Concen: 56.314 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.01 min

Lab File: BF110270.D

Acq: 29 Oct 2018 19:04

Instrument :

BNA_F

ClientSampleId :

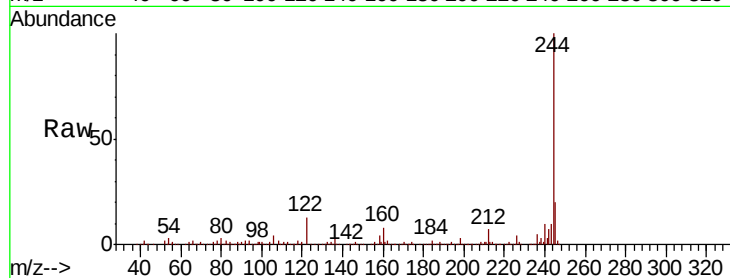
Tot Ion:244 Resp: 596831

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

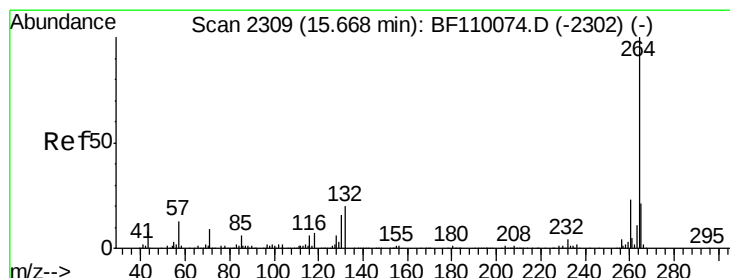
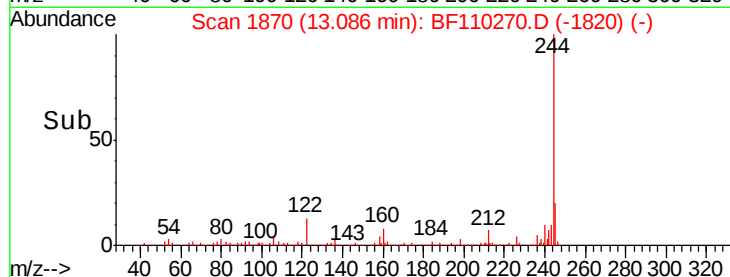
122 12.6 8.7 13.1



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

800000
600000
400000
200000
0

Time--> 13.00 13.10 13.20



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2312

Delta R.T. 0.00 min

Lab File: BF110270.D

Acq: 29 Oct 2018 19:04

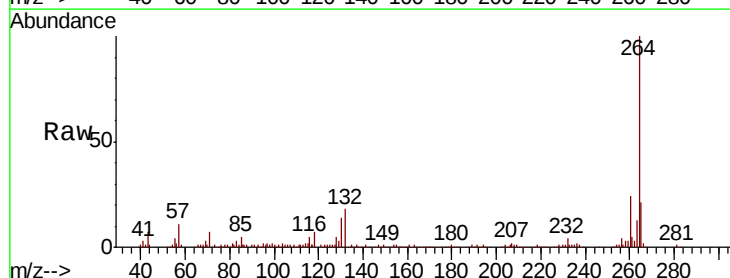
Tgt Ion:264 Resp: 186391

Ion Ratio Lower Upper

264 100

260 23.8 18.7 28.1

265 21.3 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

200000
150000
100000
50000
0

Time--> 15.60 15.70 15.80

