

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
 Data File : BF110295.D
 Acq On : 30 Oct 2018 8:10
 Operator : JU/SJ
 Sample : J5707-02
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 30 09:30:27 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

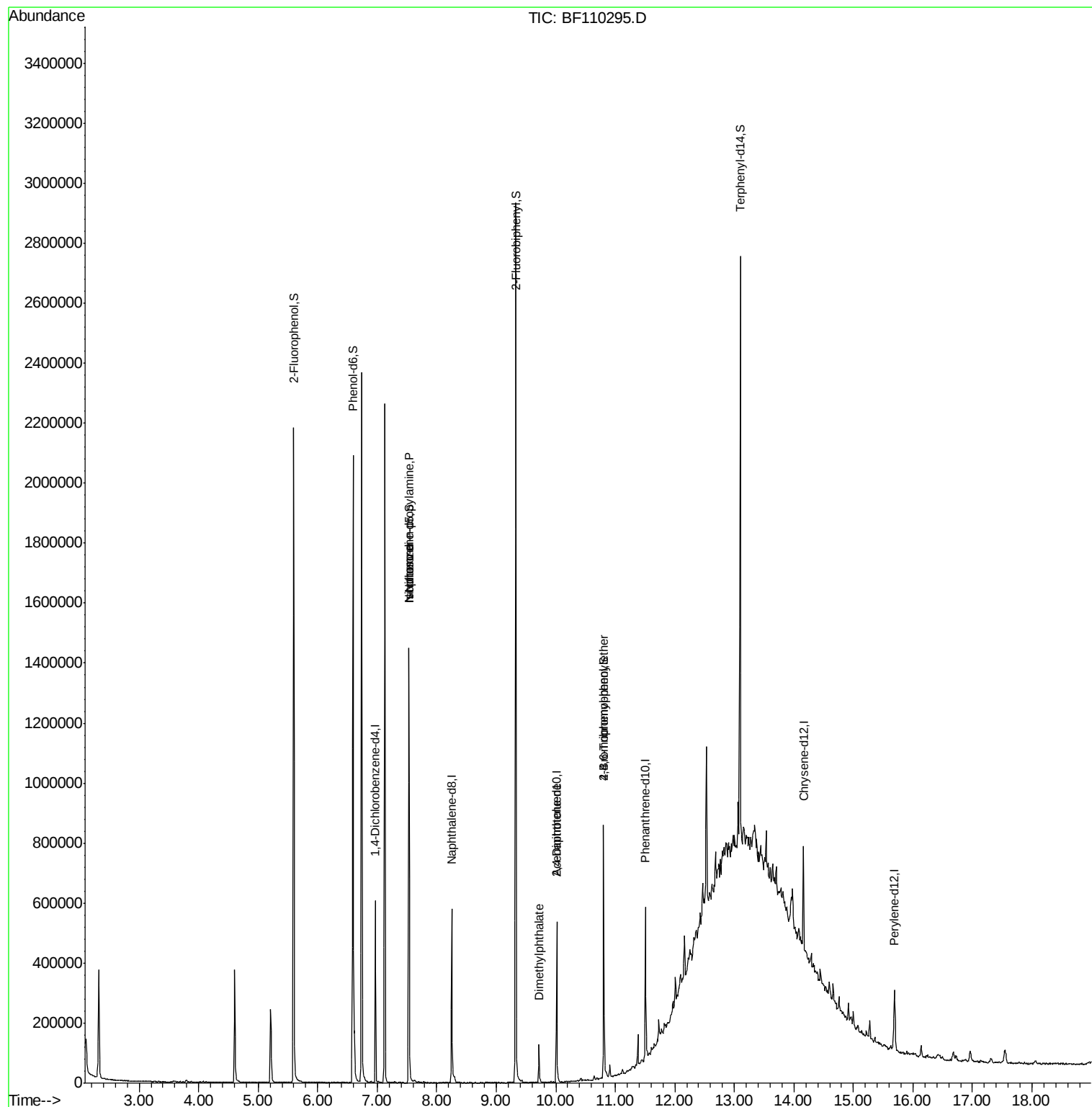
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	79303	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	297391	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	119674	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	193859	20.00	ng	0.00
76) Chrysene-d12	14.16	240	123047	20.00	ng	0.00
87) Perylene-d12	15.69	264	93562	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	610995	125.47	ng	0.01
7) Phenol-d6	6.60	99	775049	124.43	ng	0.00
23) Nitrobenzene-d5	7.53	82	471775	94.09	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	101161	85.34	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	910969	119.53	ng	0.00
79) Terphenyl-d14	13.10	244	650438	109.94	ng	0.00
Target Compounds						
9) Benzaldehyde	6.60	77	1346	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.53	70	64294	16.089 ng	#	78
25) Isophorone	7.53	82	471767	55.198 ng	#	67
50) Dimethylphthalate	9.72	163	59255	6.708 ng		99
57) 2,4-Dinitrotoluene	10.01	165	15073	6.236 ng	#	17
67) 4-Bromophenyl-phenylether	10.80	248	6623	3.150 ng	#	1
77) Benizidine	12.86	184	494	Below Cal	#	1

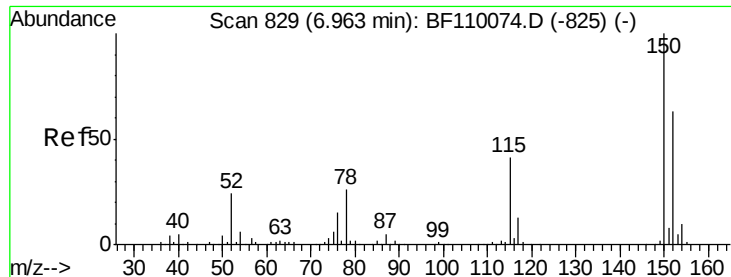
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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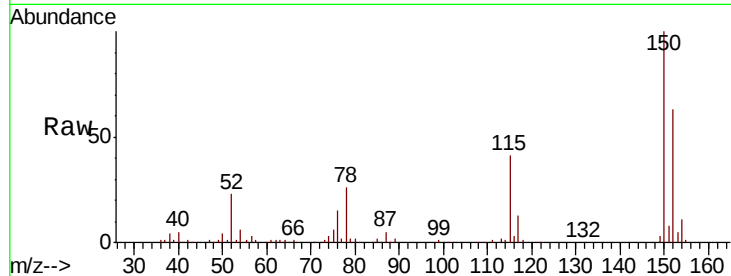


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF110295.D
Acq: 30 Oct 2018 8:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	122.7	184.1
115	65.6	49.1	73.7

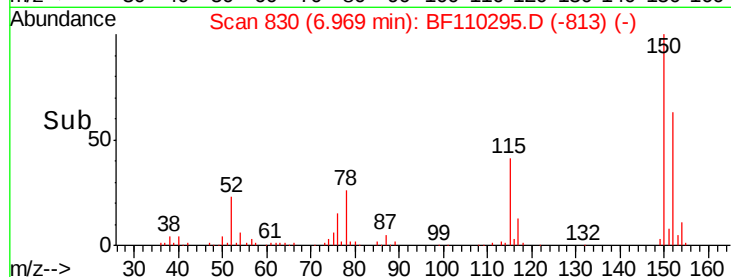
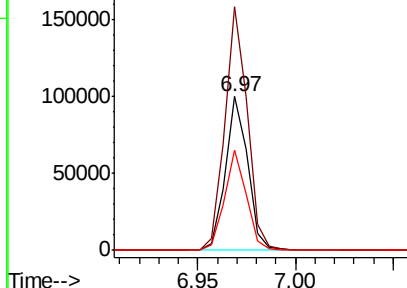


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

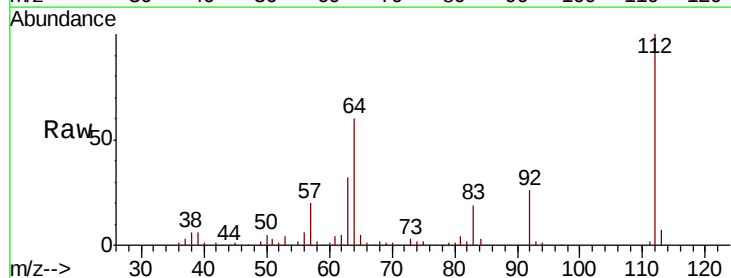
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 125.465 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.01 min
Lab File: BF110295.D
Acq: 30 Oct 2018 8:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.7	44.1	66.1
63	32.0	23.7	35.5

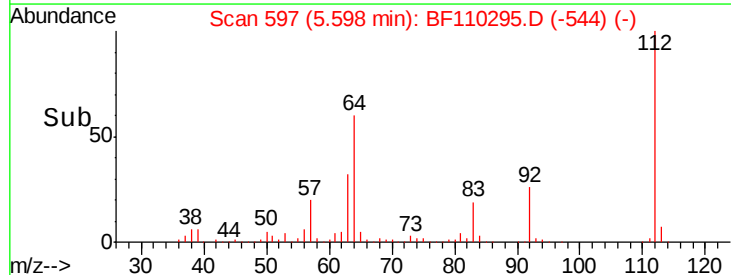
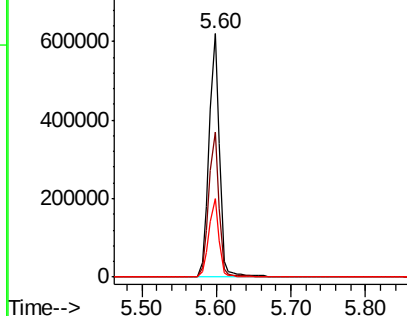


Abundance

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: 124.428 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF110295.D

Acq: 30 Oct 2018 8:10

Instrument :

BNA_F

ClientSampleId :

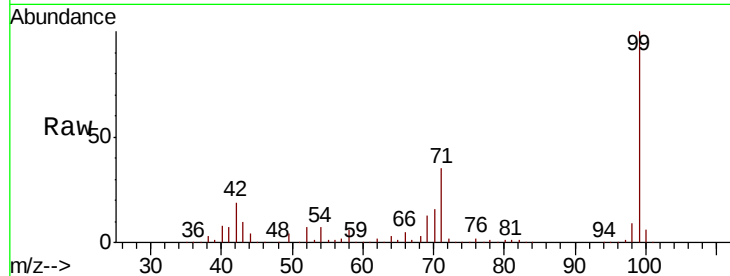
Tot Ion: 99 Resp: 775049

Ion Ratio Lower Upper

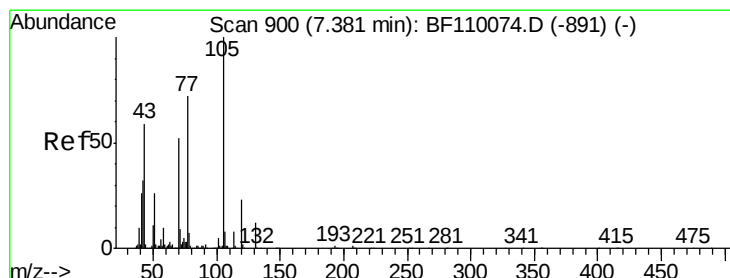
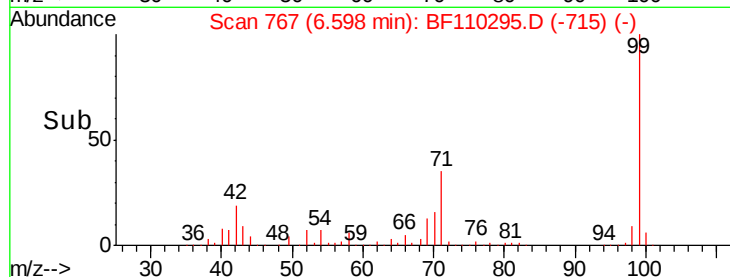
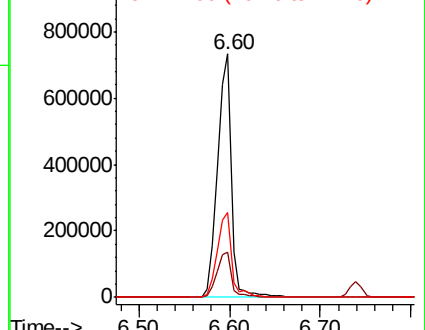
99 100

42 18.5 15.8 23.6

71 34.8 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



#19

n-Nitroso-di-n-propylamine

Concen: 16.089 ng

RT: 7.53 min Scan# 926

Delta R.T. 0.16 min

Lab File: BF110295.D

Acq: 30 Oct 2018 8:10

Tgt Ion: 70 Resp: 64294

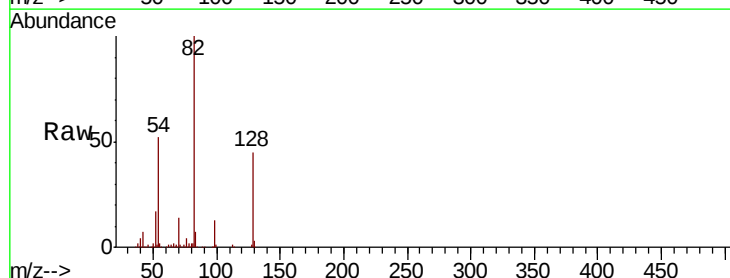
Ion Ratio Lower Upper

70 100

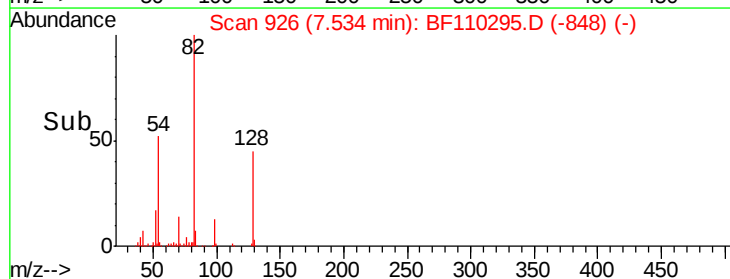
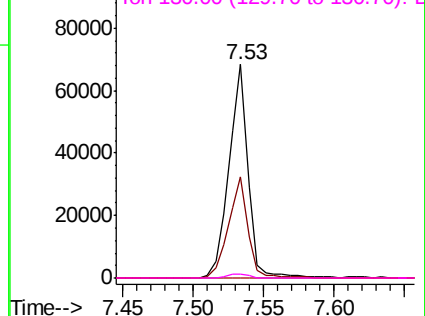
42 47.1 47.4 71.2#

101 0.0 7.3 10.9#

130 2.1 16.2 24.2#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

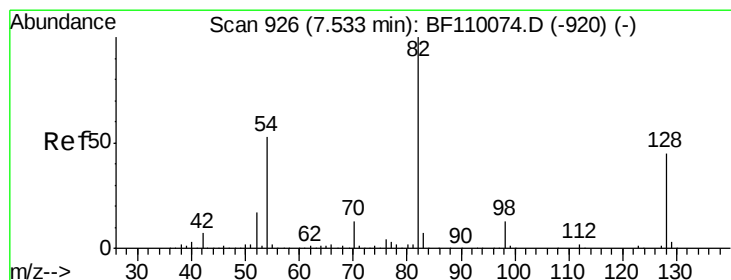
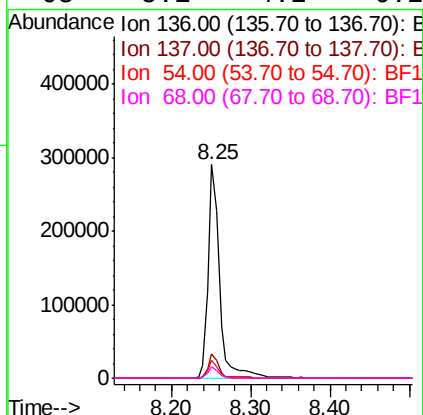
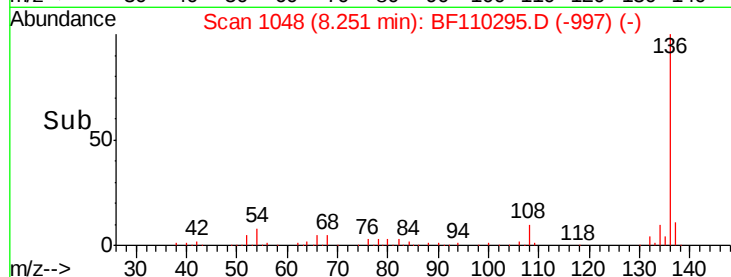
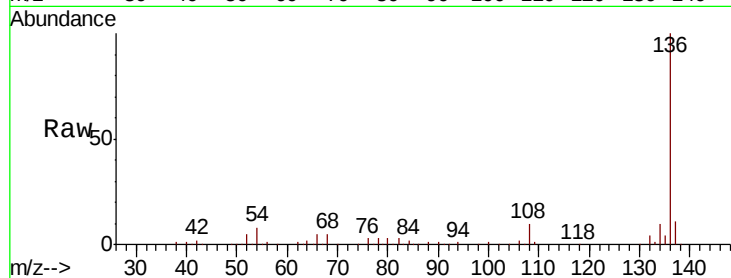




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF110295.D
Acq: 30 Oct 2018 8:10

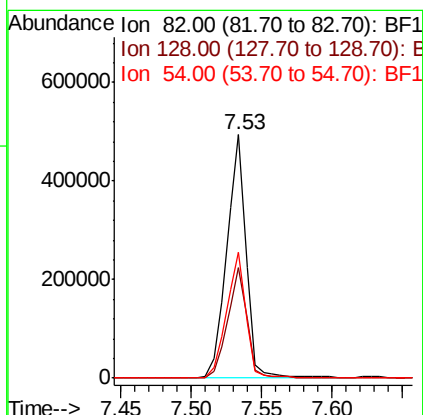
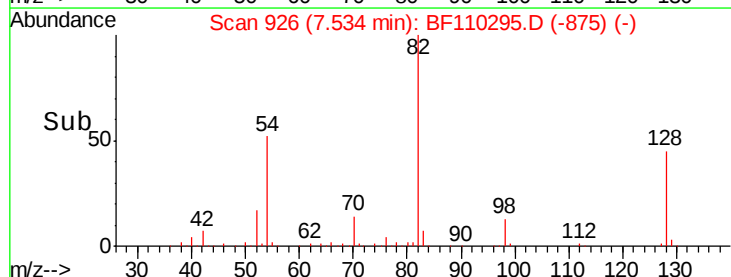
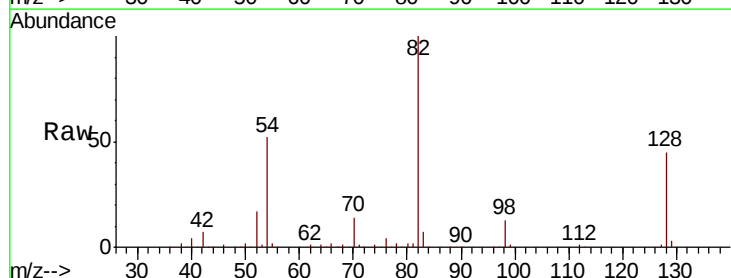
Instrument :
BNA_F
ClientSampleId :

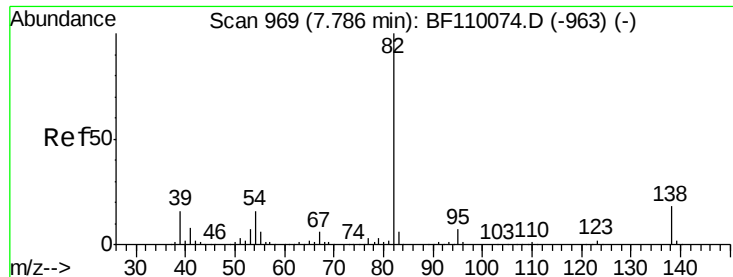
Tot Ion:136	Resp:	297391
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.8 13.2
54	8.4	5.4 8.2#
68	5.1	4.2 6.2



#23
Nitrobenzene-d5
Concen: 94.093 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.00 min
Lab File: BF110295.D
Acq: 30 Oct 2018 8:10

Tgt Ion: 82	Resp:	471775
Ion Ratio	Lower	Upper
82	100	
128	45.4	34.2 51.2
54	51.8	38.6 58.0

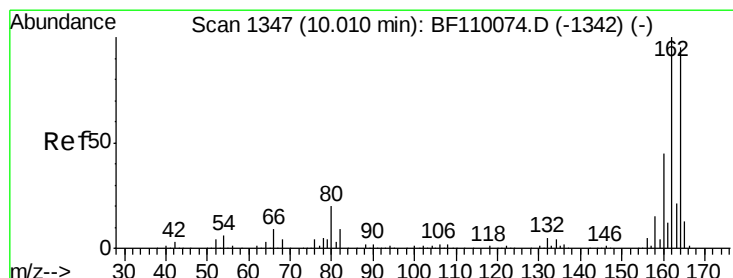
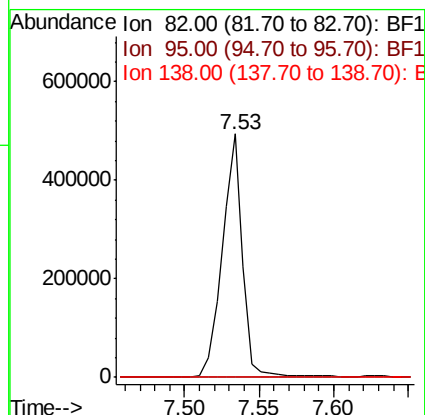
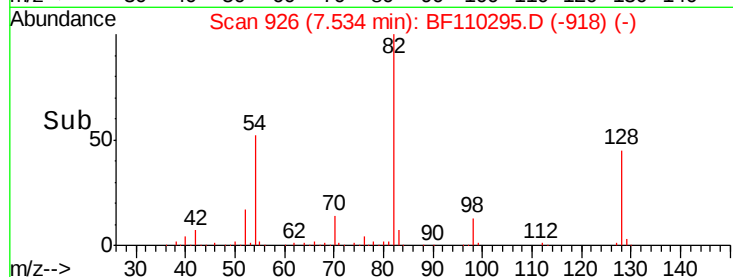
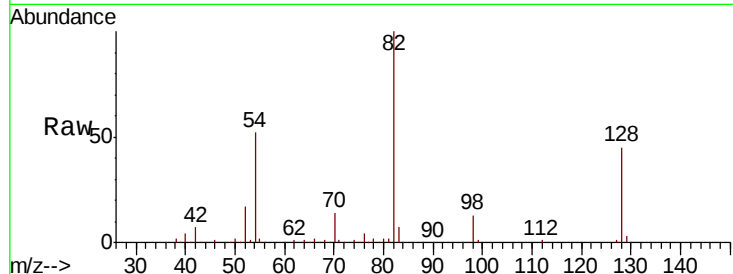




#25
Isophorone
Concen: 55.198 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.25 min
Lab File: BF110295.D
Acq: 30 Oct 2018 8:10

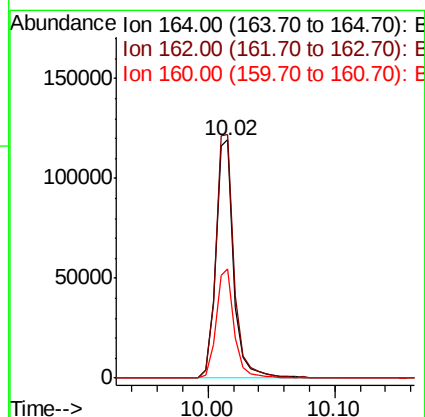
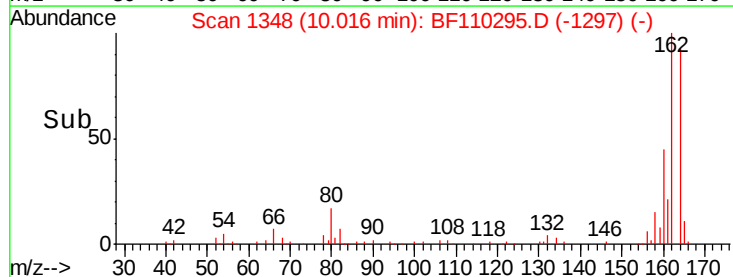
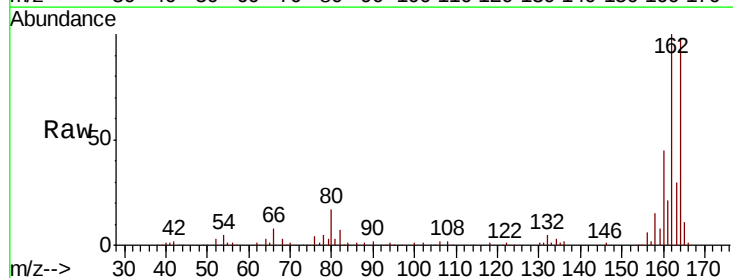
Instrument :
BNA_F
ClientSampleId :

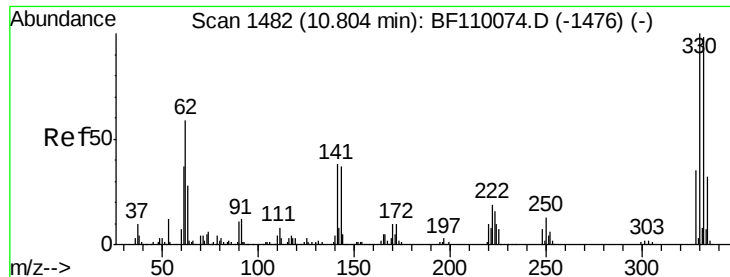
Tot Ion: 82 Resp: 471767
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BF110295.D
Acq: 30 Oct 2018 8:10

Tgt Ion:164 Resp: 119674
Ion Ratio Lower Upper
164 100
162 102.1 83.0 124.6
160 45.6 37.0 55.6

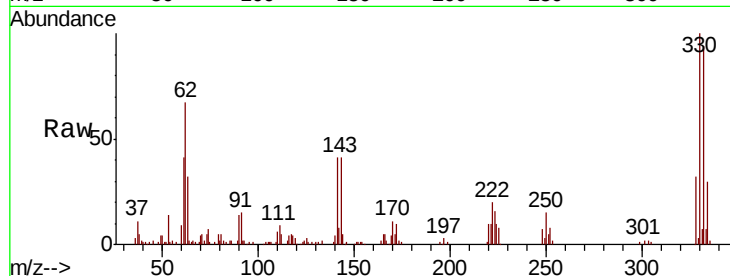




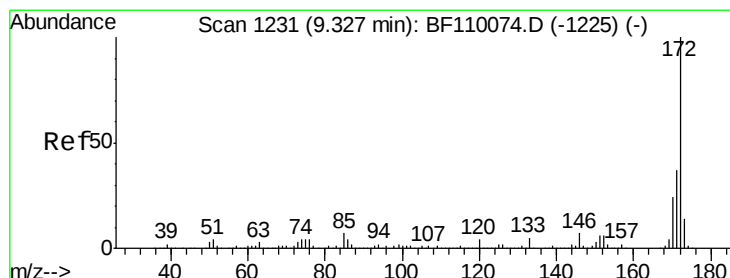
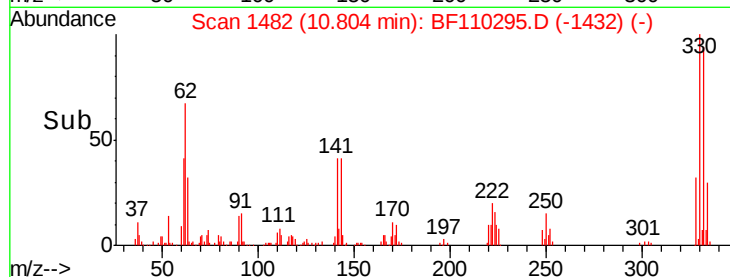
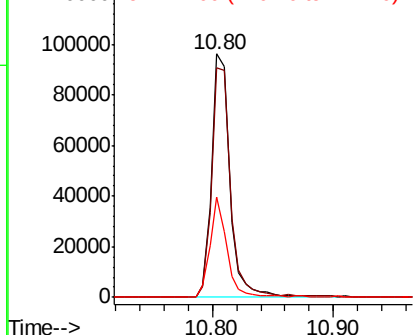
#42
 2,4,6-Tribromophenol
 Concen: 85.336 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF110295.D
 Acq: 30 Oct 2018 8:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.1	115.7
141	38.1	27.0	40.4

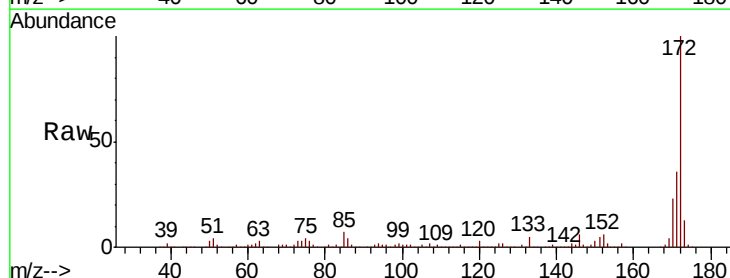


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

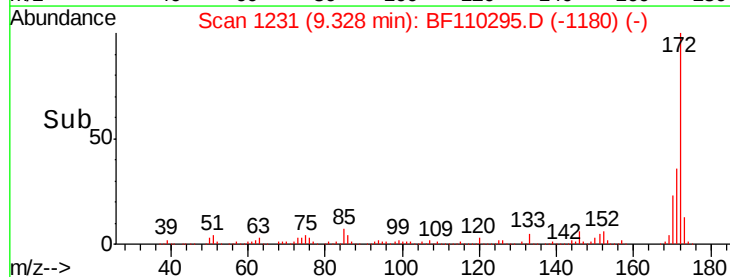
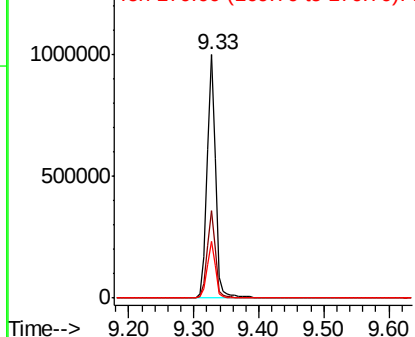


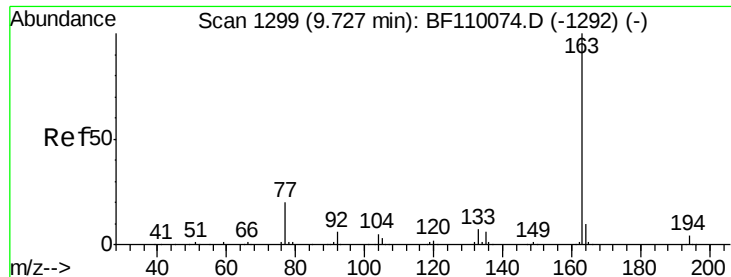
#45
 2-Fluorobiphenyl
 Concen: 119.529 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF110295.D
 Acq: 30 Oct 2018 8:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	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: 6.708 ng

RT: 9.72 min Scan# 1297

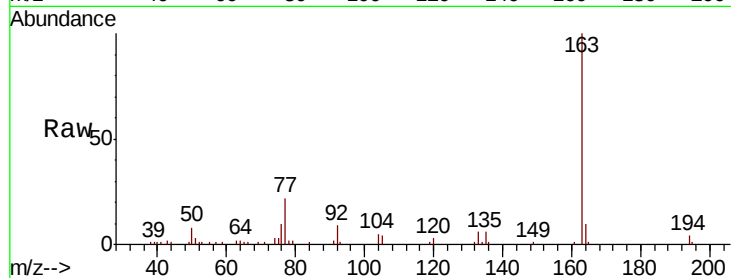
Delta R.T. -0.01 min

Lab File: BF110295.D

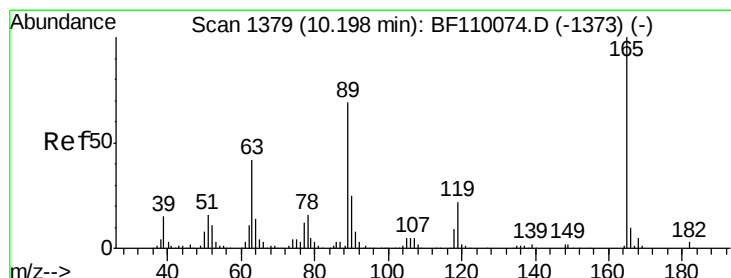
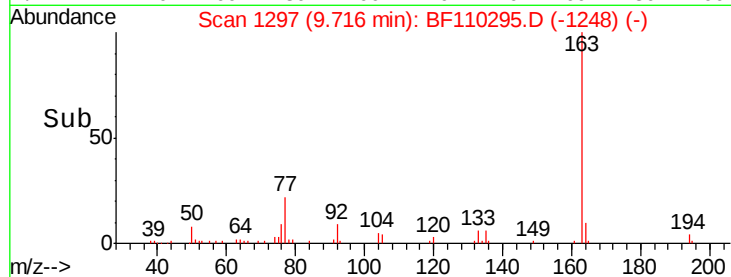
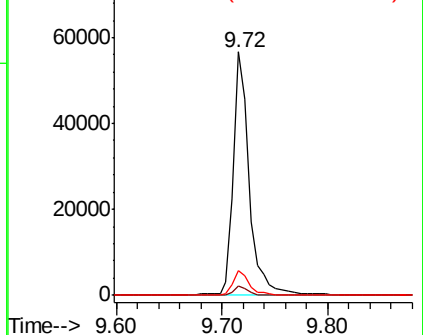
Acq: 30 Oct 2018 8:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	163	Resp:	59255
Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	10.4	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: 6.236 ng

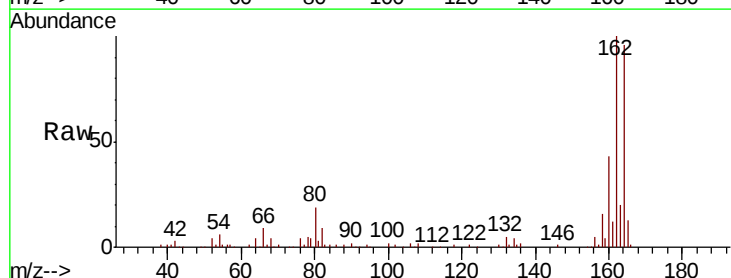
RT: 10.01 min Scan# 1347

Delta R.T. -0.19 min

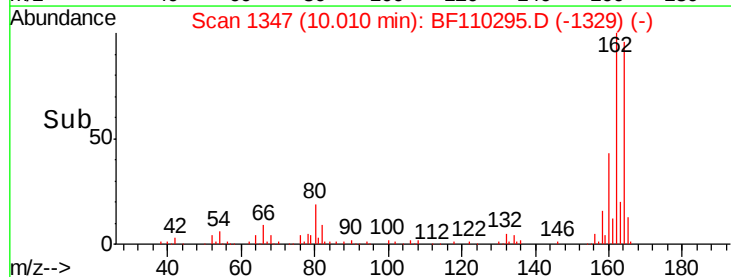
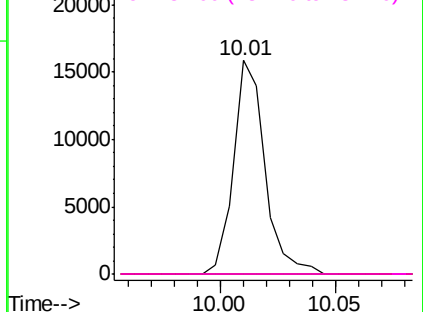
Lab File: BF110295.D

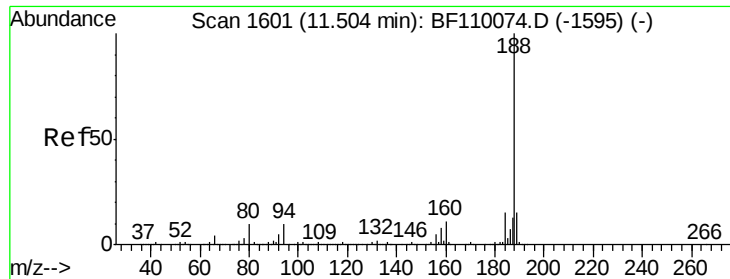
Acq: 30 Oct 2018 8:10

Tgt Ion:	165	Resp:	15073
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: 11.51 min Scan# 1602

Delta R.T. 0.00 min

Lab File: BF110295.D

Acq: 30 Oct 2018 8:10

Instrument :

BNA_F

ClientSampled :

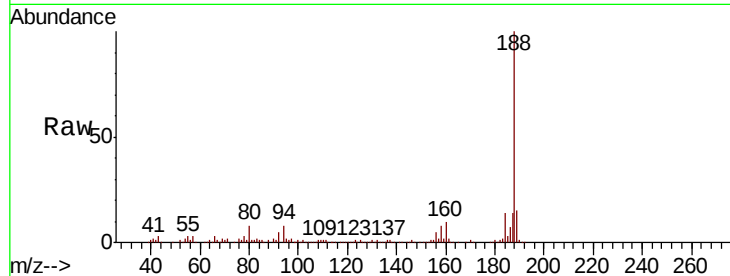
Tot Ion:188 Resp: 193859

Ion Ratio Lower Upper

188 100

94 8.2 7.2 10.8

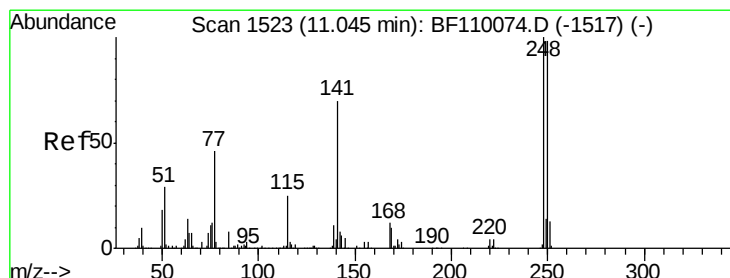
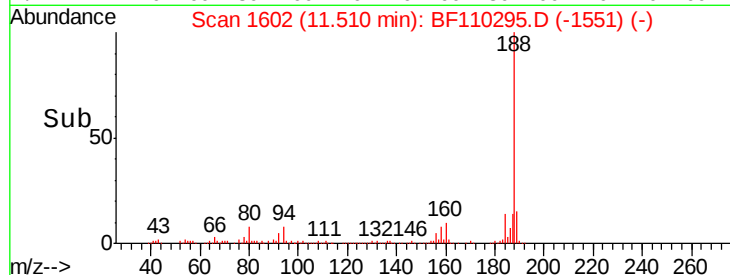
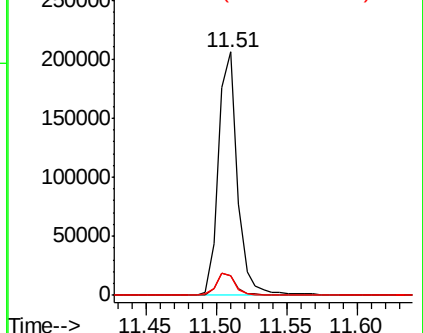
80 8.1 7.9 11.9



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: 3.150 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.24 min

Lab File: BF110295.D

Acq: 30 Oct 2018 8:10

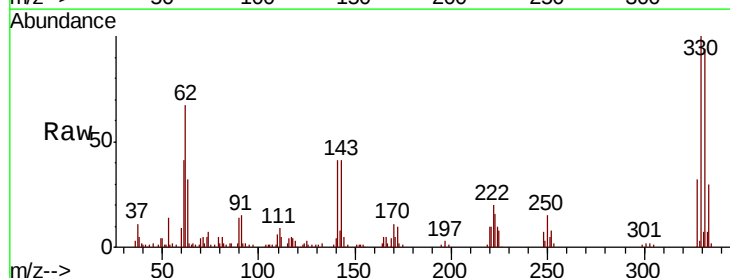
Tgt Ion:248 Resp: 6623

Ion Ratio Lower Upper

248 100

250 202.6 79.4 119.2#

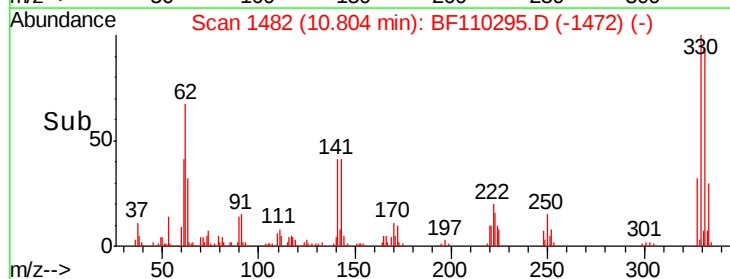
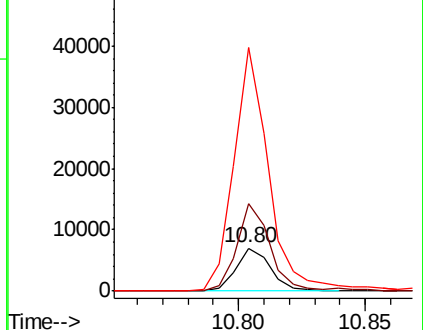
141 565.9 55.9 83.9#

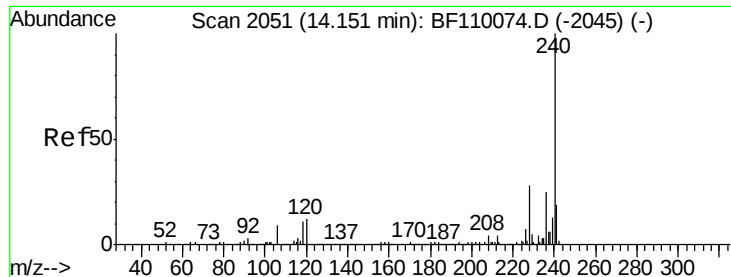


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

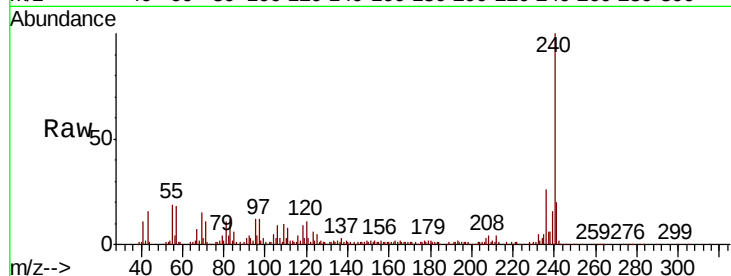




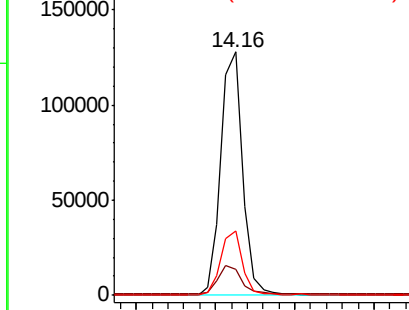
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.16 min Scan# 2053
 Delta R.T. 0.01 min
 Lab File: BF110295.D
 Acq: 30 Oct 2018 8:10

Instrument :
 BNA_F
 ClientSampleId :

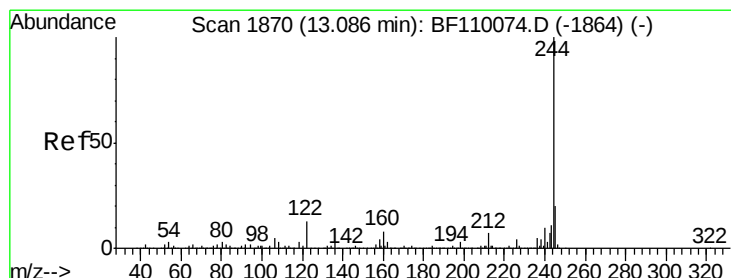
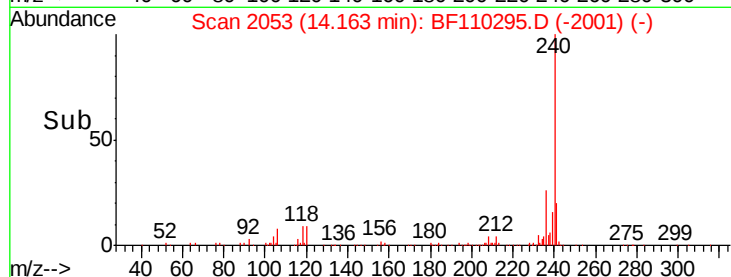
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.3	12.5
236	26.3	21.2	31.8



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

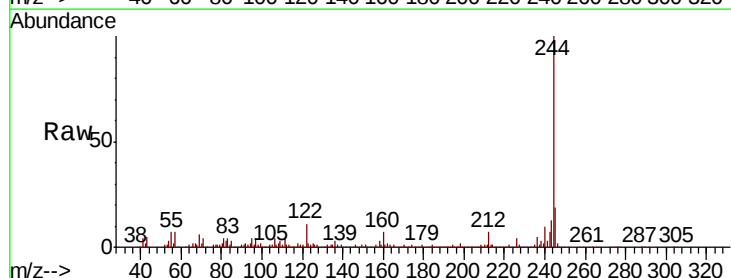


Time--> 14.10 14.15 14.20 14.25

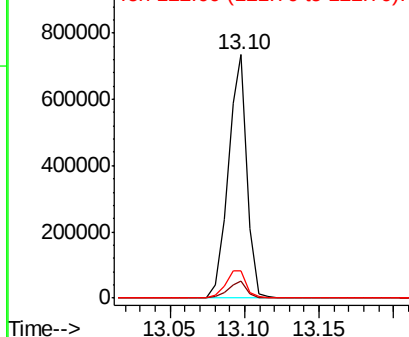


#79
 Terphenyl-d14
 Concen: 109.935 ng
 RT: 13.10 min Scan# 1872
 Delta R.T. 0.01 min
 Lab File: BF110295.D
 Acq: 30 Oct 2018 8:10

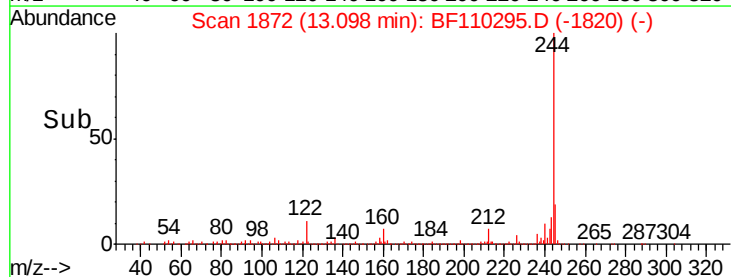
Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	11.1	8.7	13.1

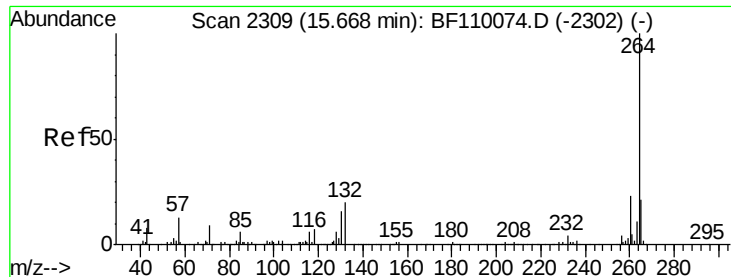


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



Time--> 13.05 13.10 13.15

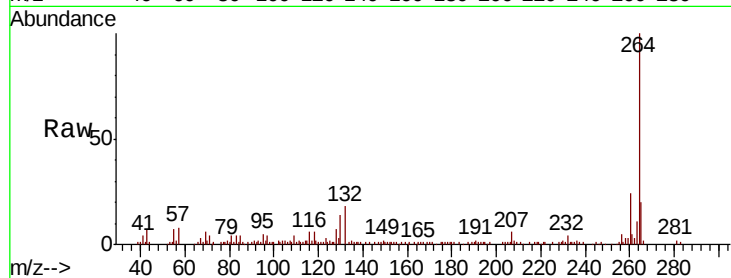




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2313
 Delta R.T. 0.01 min
 Lab File: BF110295.D
 Acq: 30 Oct 2018 8:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	20.3	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

