

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
 Data File : BF110267.D
 Acq On : 29 Oct 2018 17:43
 Operator : JU/SJ
 Sample : J5649-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 30 07:37:45 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	120170	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	487073	20.00	ng	0.00
39) Acenaphthene-d10	10.01	164	227342	20.00	ng	0.00
64) Phenanthrene-d10	11.50	188	393402	20.00	ng	0.00
76) Chrysene-d12	14.15	240	220355	20.00	ng	0.00
87) Perylene-d12	15.69	264	203511	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	645249	87.44	ng	0.01
7) Phenol-d6	6.59	99	828499	87.78	ng	0.00
23) Nitrobenzene-d5	7.53	82	527210	64.20	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	176915	78.56	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	962763	66.50	ng	0.00
79) Terphenyl-d14	13.09	244	706004	66.63	ng	0.00

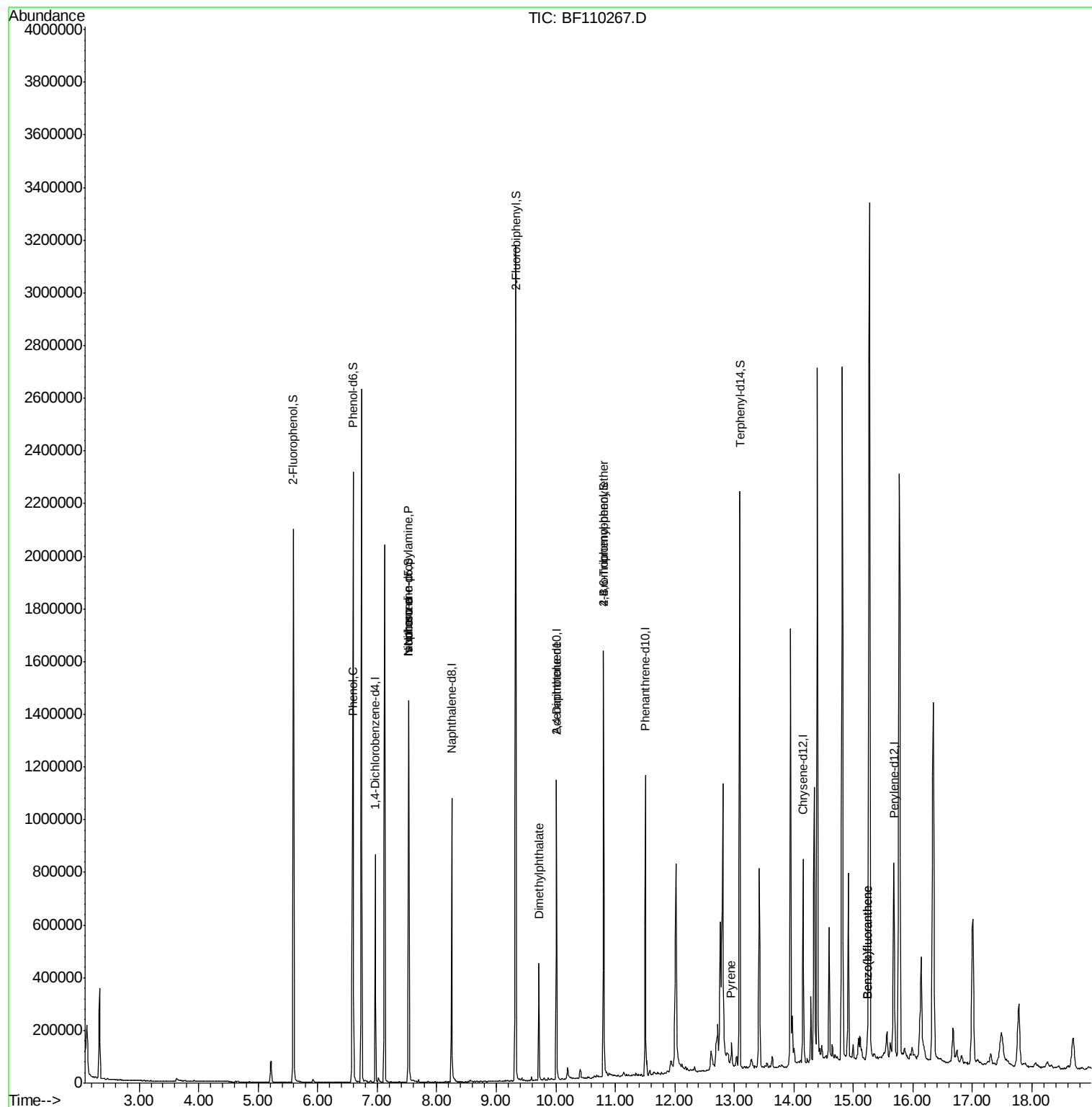
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.60	77	1659	Below Cal	#	1
10) Phenol	6.60	94	60738	6.020	ng	# 62
19) n-Nitroso-di-n-propylamine	7.53	70	69796	11.526	ng	# 81
25) Isophorone	7.53	82	527206	37.663	ng	# 67
50) Dimethylphthalate	9.72	163	173248	10.324	ng	# 99
57) 2,4-Dinitrotoluene	10.01	165	28769	6.266	ng	# 19
67) 4-Bromophenyl-phenylether	10.80	248	11471	2.688	ng	# 1
78) Pyrene	12.96	202	35764	2.264	ng	# 98
88) Benzo(b)fluoranthene	15.23	252	35943	3.058	ng	# 87
89) Benzo(k)fluoranthene	15.23	252	35943	3.111	ng	# 86

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

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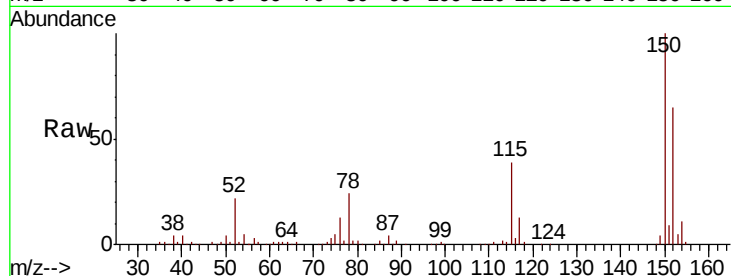




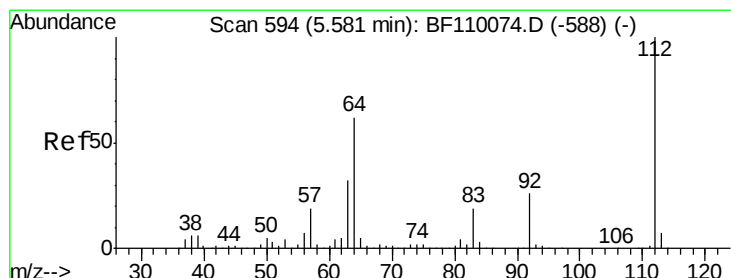
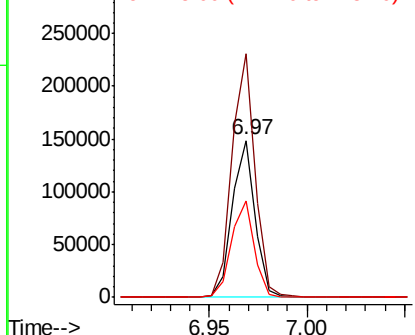
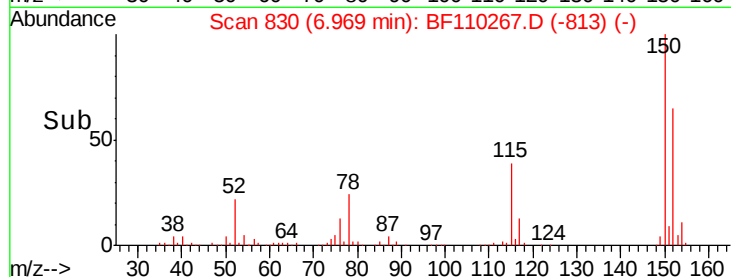
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BF110267.D
 Acq: 29 Oct 2018 17:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 120170
 Ion Ratio Lower Upper
 152 100
 150 155.0 122.7 184.1
 115 61.1 49.1 73.7

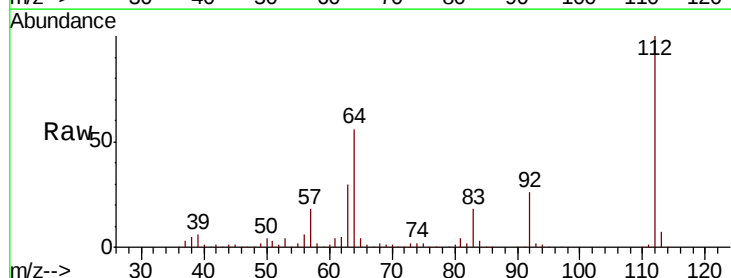


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

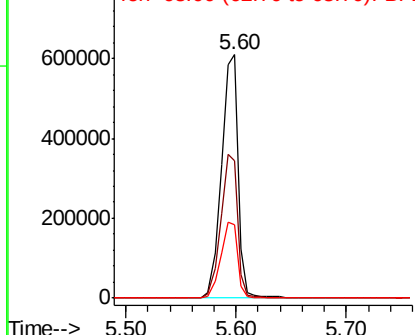
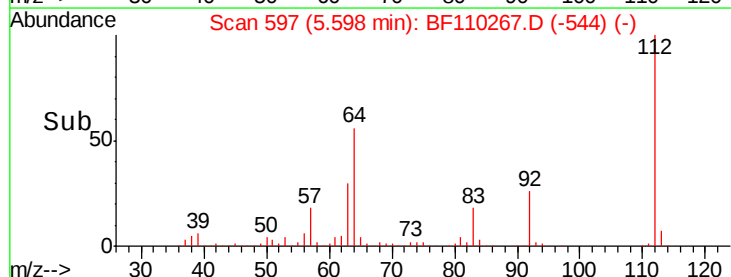


#5
 2-Fluorophenol
 Concen: 87.439 ng
 RT: 5.60 min Scan# 597
 Delta R.T. 0.01 min
 Lab File: BF110267.D
 Acq: 29 Oct 2018 17:43

Tgt Ion:112 Resp: 645249
 Ion Ratio Lower Upper
 112 100
 64 56.4 44.1 66.1
 63 30.1 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: 87.776 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF110267.D

Acq: 29 Oct 2018 17:43

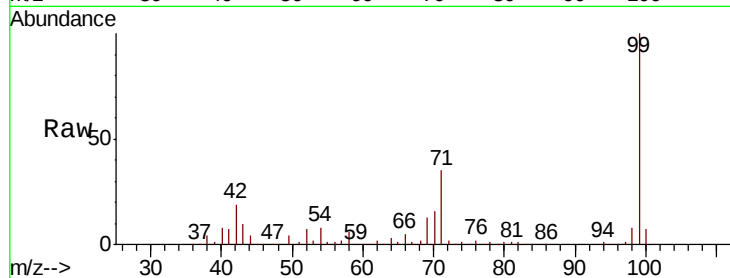
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 828499

Ion	Ratio	Lower	Upper
99	100		
42	19.2	15.8	23.6
71	35.1	28.0	42.0



Abundance

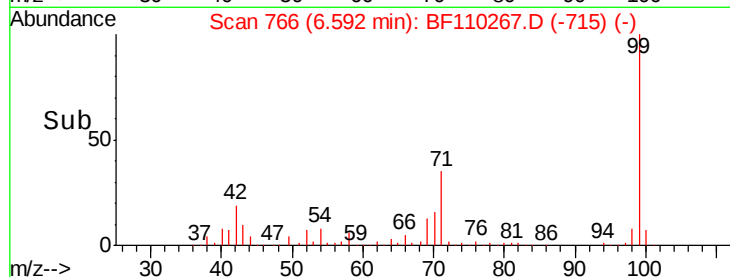
Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1

6.59

Time-->



#10

Phenol

Concen: 6.020 ng

RT: 6.60 min Scan# 768

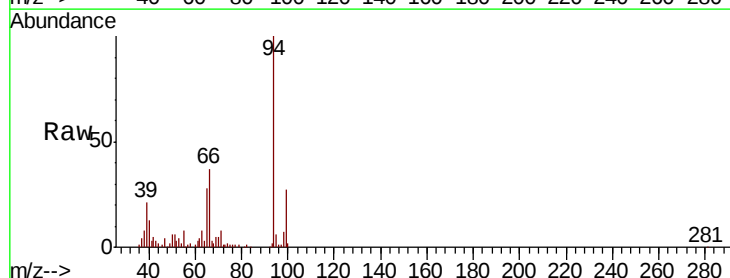
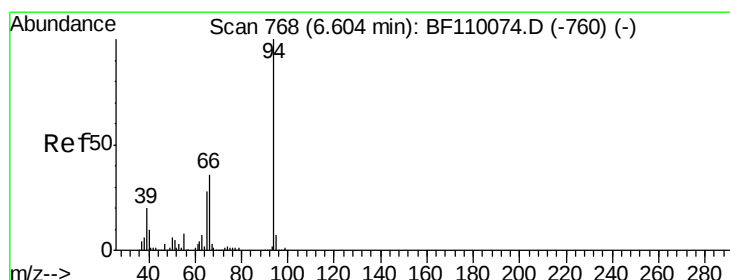
Delta R.T. -0.00 min

Lab File: BF110267.D

Acq: 29 Oct 2018 17:43

Tgt Ion: 94 Resp: 60738

Ion	Ratio	Lower	Upper
94	100		
65	27.6	25.3	65.3
66	37.1	54.5	94.5#



Abundance

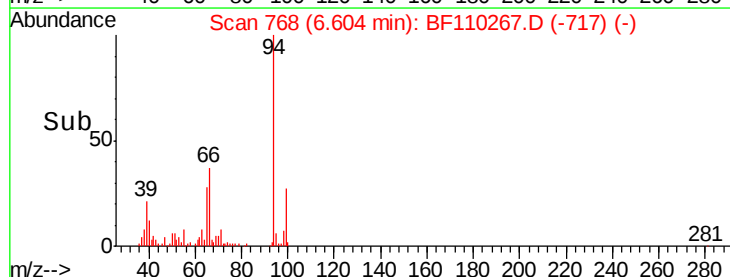
Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

6.60

Time-->

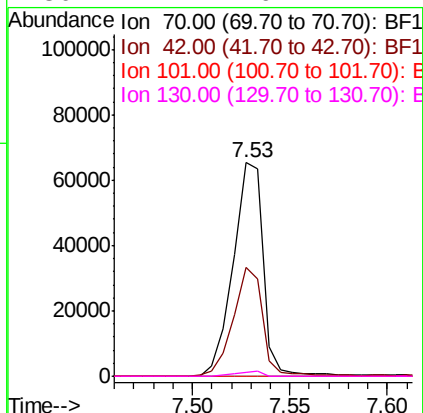
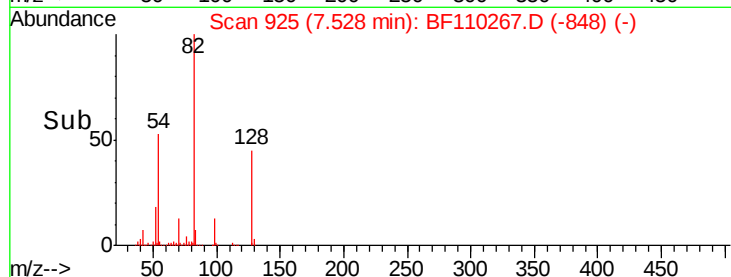
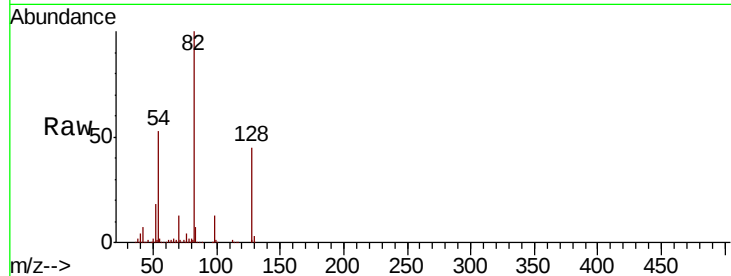




#19
n-Nitroso-di-n-propylamine
Concen: 11.526 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.15 min
Lab File: BF110267.D
Acq: 29 Oct 2018 17:43

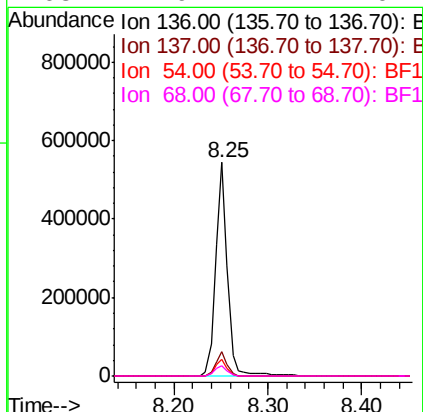
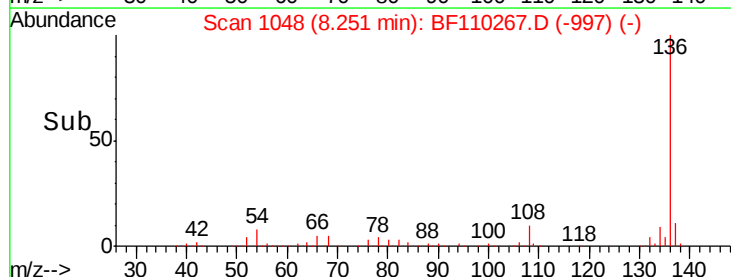
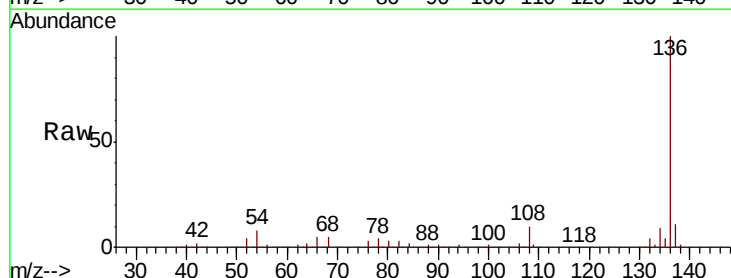
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 69796
Ion Ratio Lower Upper
70 100
42 50.9 47.4 71.2
101 0.0 7.3 10.9#
130 2.1 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: BF110267.D
Acq: 29 Oct 2018 17:43

Tgt Ion: 136 Resp: 487073
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 7.8 5.4 8.2
68 4.9 4.2 6.2

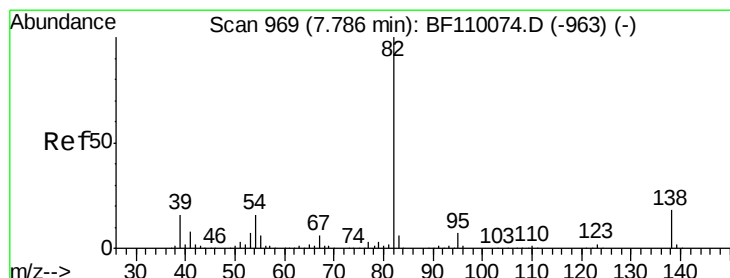
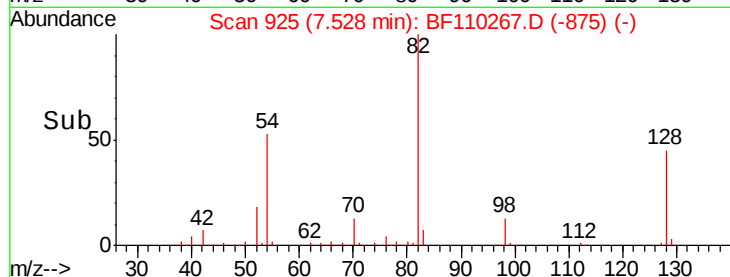
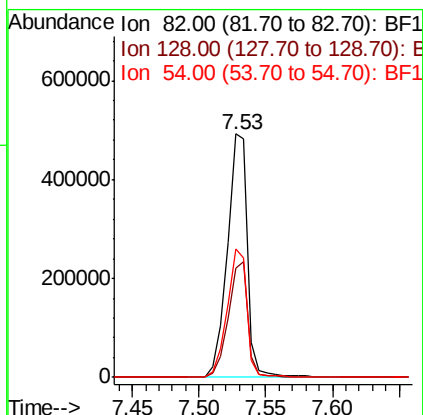
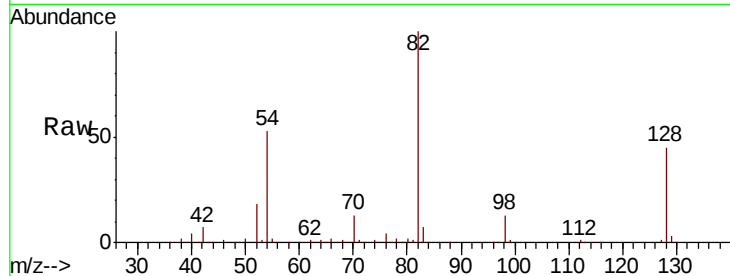




#23
Nitrobenzene-d5
Concen: 64.201 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF110267.D
Acq: 29 Oct 2018 17:43

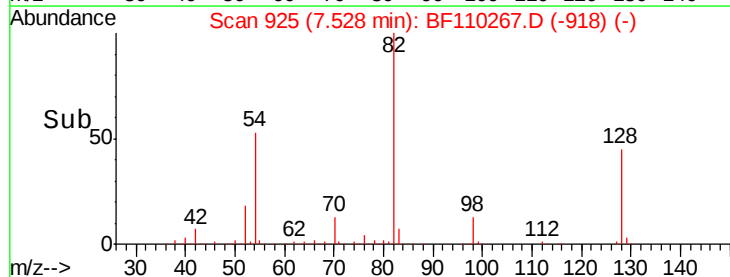
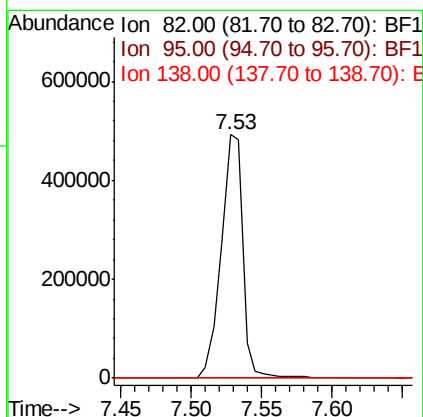
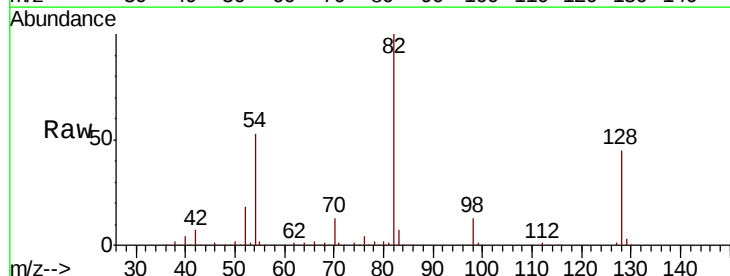
Instrument :
BNA_F
ClientSampleId :

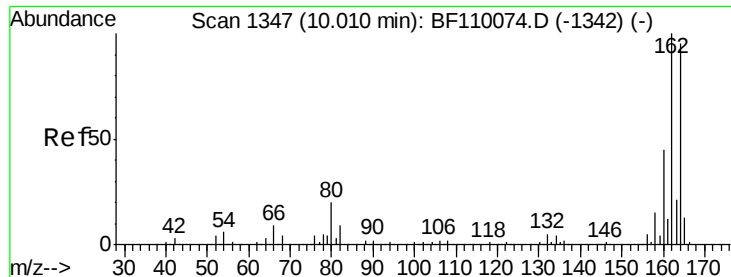
Tot Ion	82	Resp	527210
Ion Ratio	Lower	Upper	
82	100		
128	45.0	34.2	51.2
54	52.8	38.6	58.0



#25
Isophorone
Concen: 37.663 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.26 min
Lab File: BF110267.D
Acq: 29 Oct 2018 17:43

Tgt Ion	82	Resp	527206
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: 10.01 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BF110267.D

Acq: 29 Oct 2018 17:43

Instrument :

BNA_F

ClientSampleId :

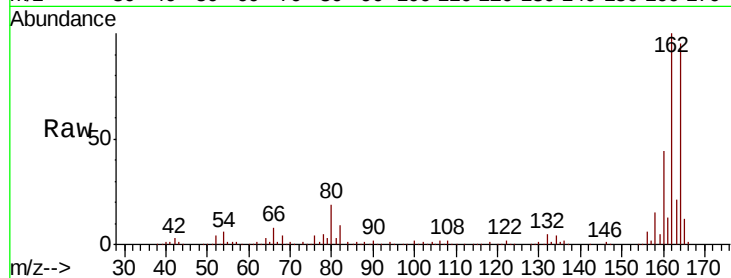
Tot Ion:164 Resp: 227342

Ion Ratio Lower Upper

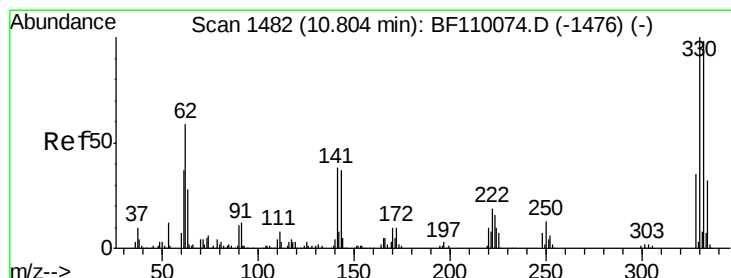
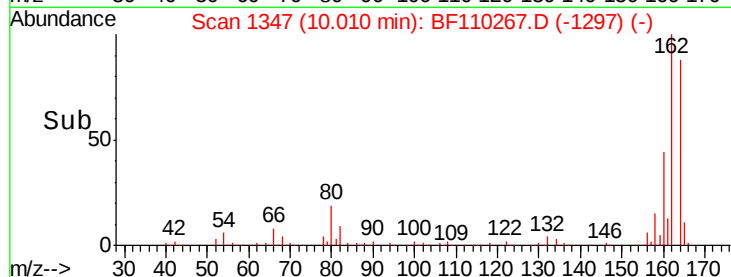
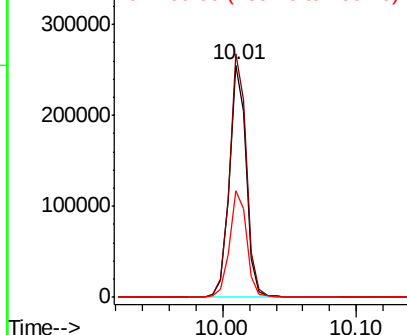
164 100

162 104.9 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: 78.560 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF110267.D

Acq: 29 Oct 2018 17:43

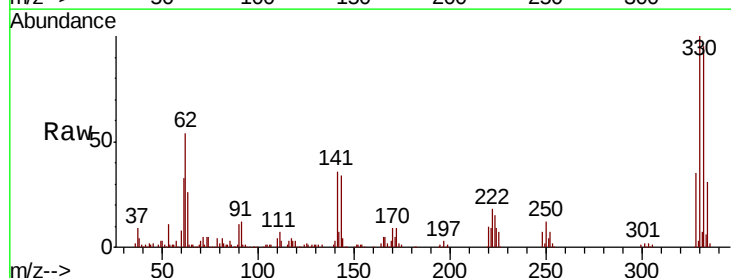
Tgt Ion:330 Resp: 176915

Ion Ratio Lower Upper

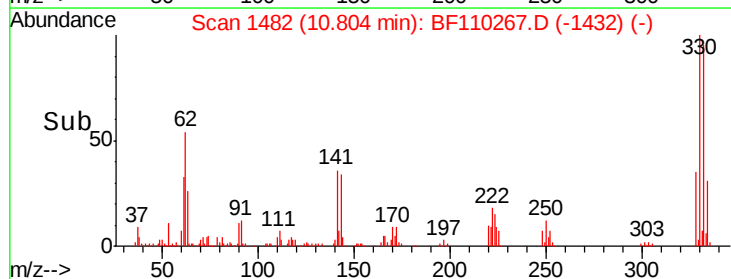
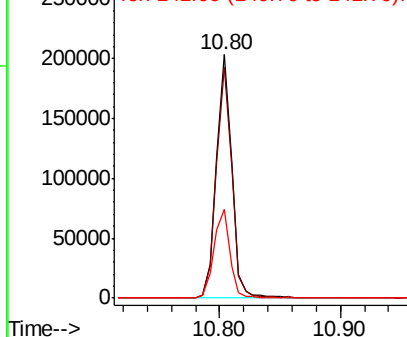
330 100

332 96.1 77.1 115.7

141 38.4 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

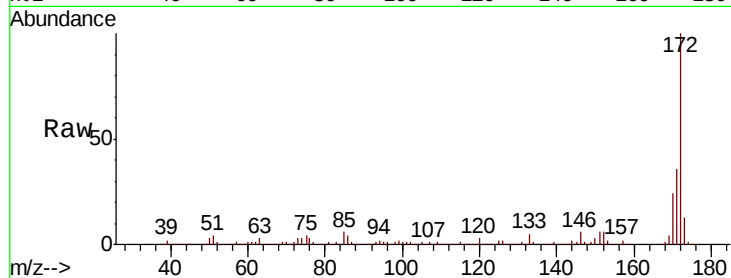




#45
2-Fluorobiphenyl
Concen: 66.498 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.00 min
Lab File: BF110267.D
Acq: 29 Oct 2018 17:43

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.6	43.0
170	23.7	19.7	29.5

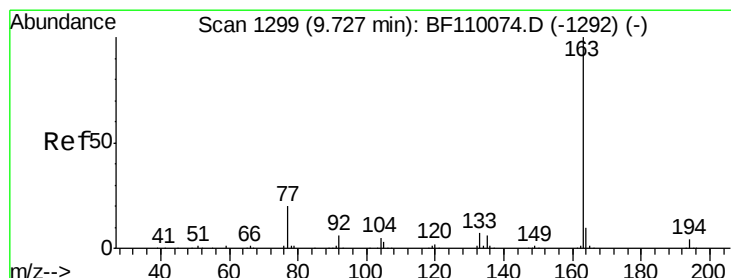
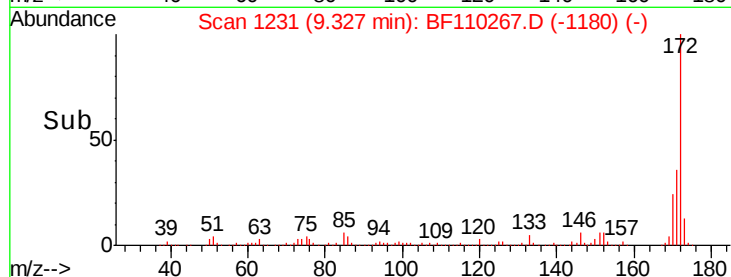
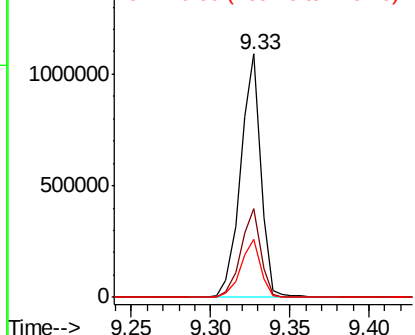


Abundance

Ion 172.00 (171.70 to 172.70): E

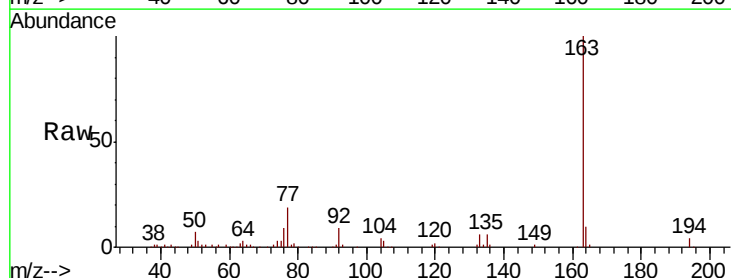
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 10.324 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF110267.D
Acq: 29 Oct 2018 17:43

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	9.6	8.1	12.1

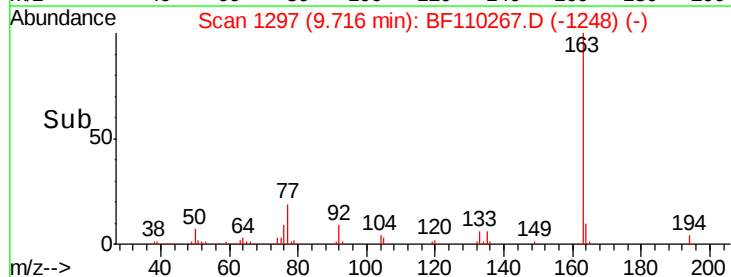
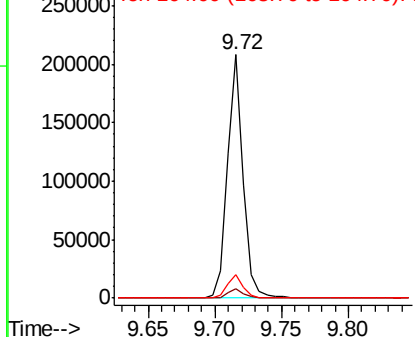


Abundance

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

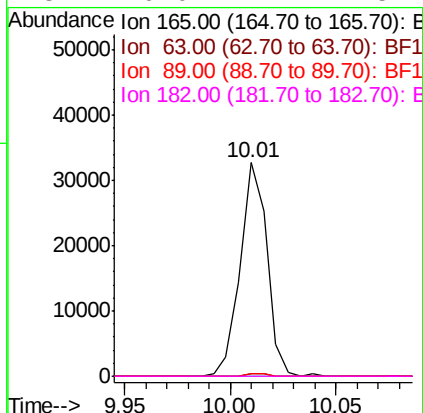
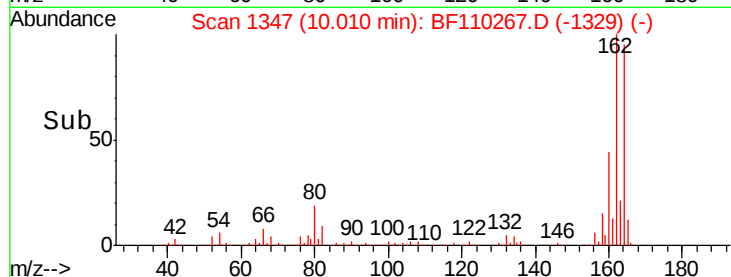
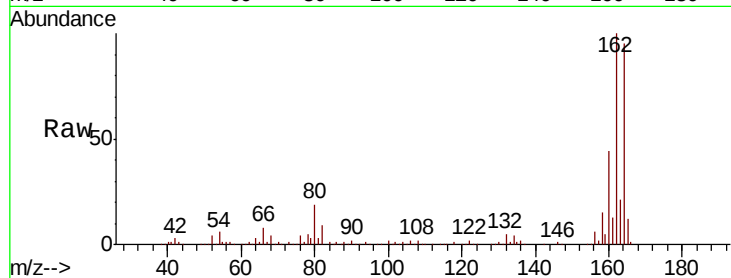




#57
2,4-Dinitrotoluene
Concen: 6.266 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.19 min
Lab File: BF110267.D
Acq: 29 Oct 2018 17:43

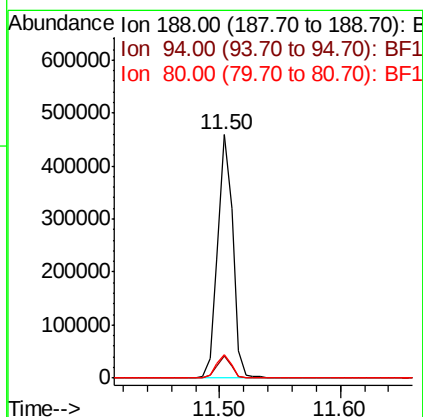
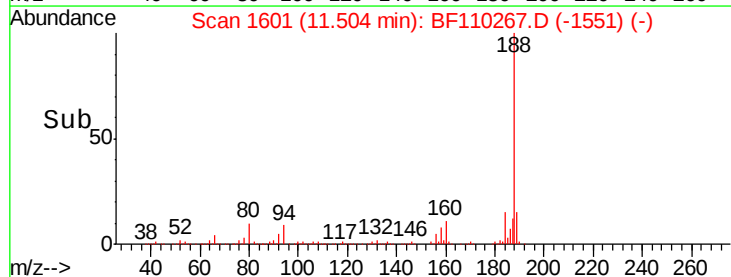
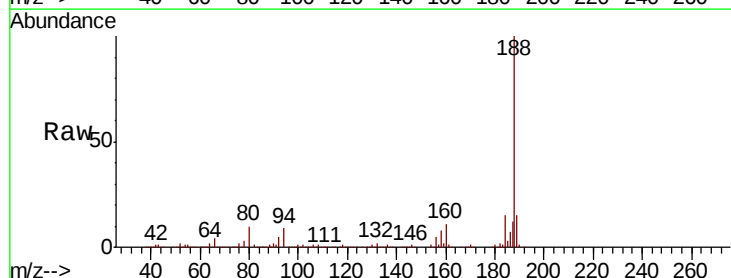
Instrument :
BNA_F
ClientSampleId :

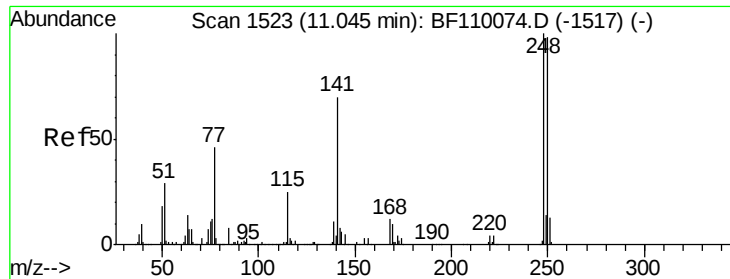
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.8	67.2#
89	1.5	62.2	93.4#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110267.D
Acq: 29 Oct 2018 17:43

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.2	10.8
80	9.8	7.9	11.9

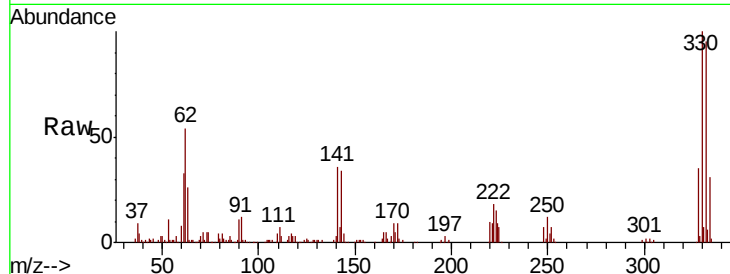




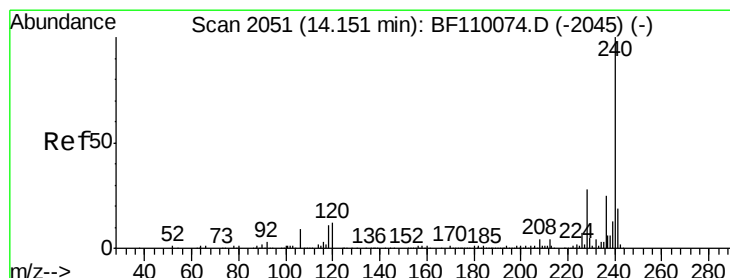
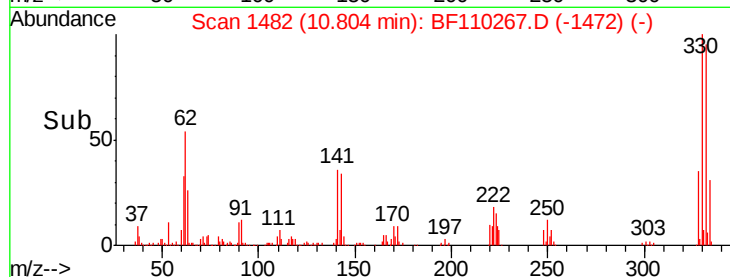
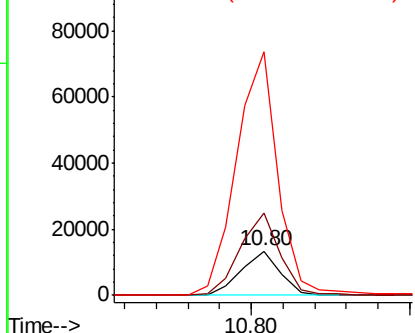
#67
 4-Bromophenyl-phenylether
 Concen: 2.688 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.24 min
 Lab File: BF110267.D
 Acq: 29 Oct 2018 17:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 11471
 Ion Ratio Lower Upper
 248 100
 250 184.4 79.4 119.2#
 141 546.6 55.9 83.9#

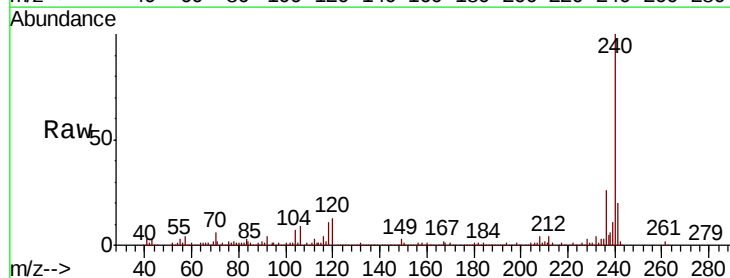


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

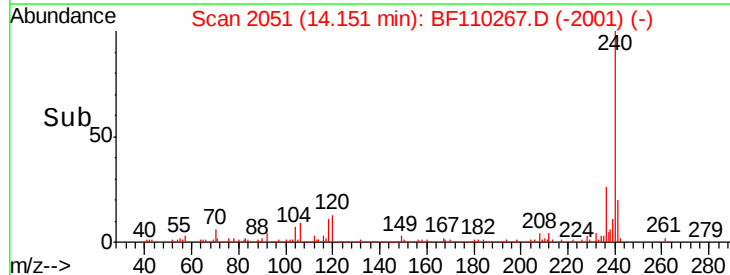
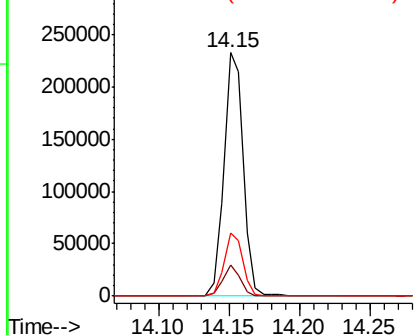


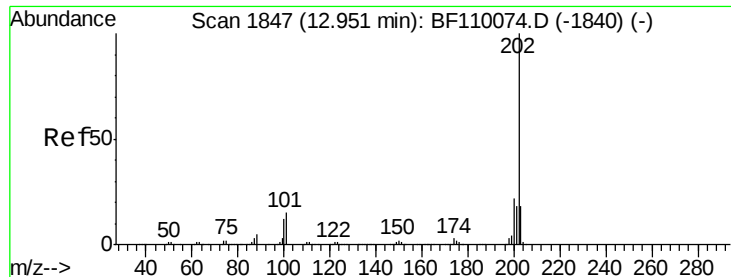
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2051
 Delta R.T. -0.01 min
 Lab File: BF110267.D
 Acq: 29 Oct 2018 17:43

Tgt Ion:240 Resp: 220355
 Ion Ratio Lower Upper
 240 100
 120 12.7 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

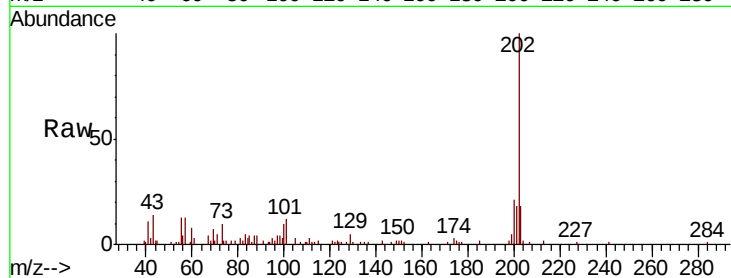




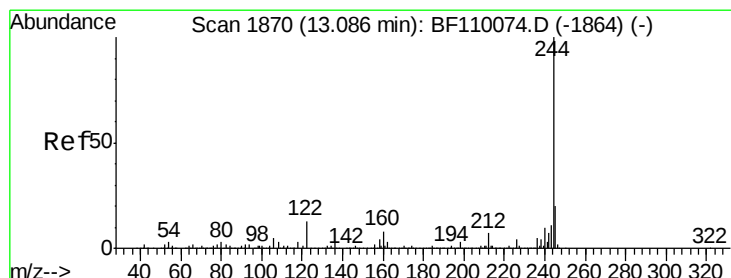
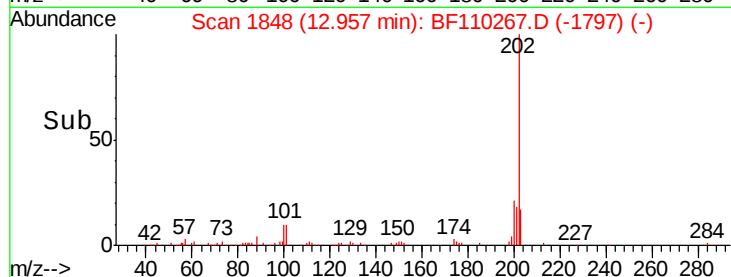
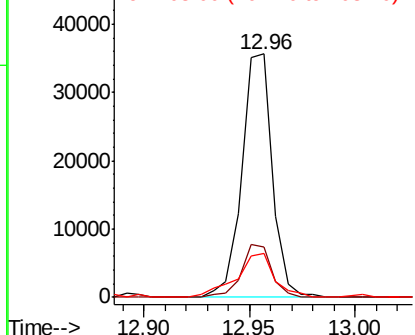
#78
Pvrene
Concen: 2.264 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.00 min
Lab File: BF110267.D
Acq: 29 Oct 2018 17:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 35764
Ion Ratio Lower Upper
202 100
200 20.5 17.8 26.6
203 18.1 14.2 21.4

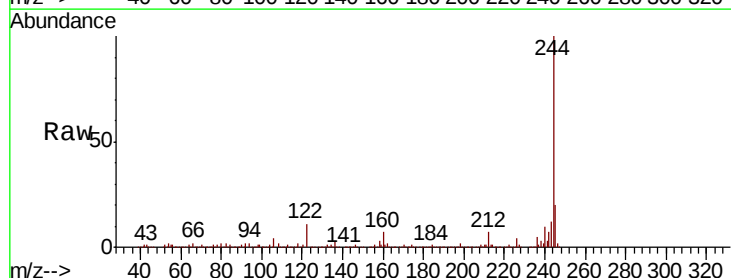


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

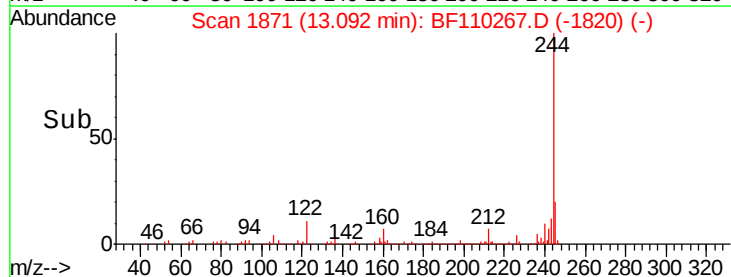
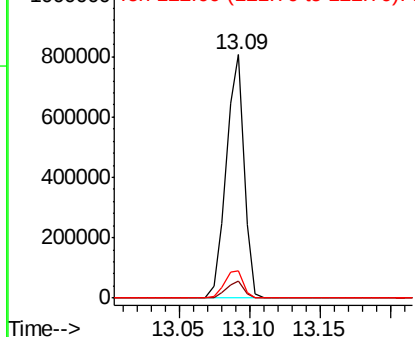


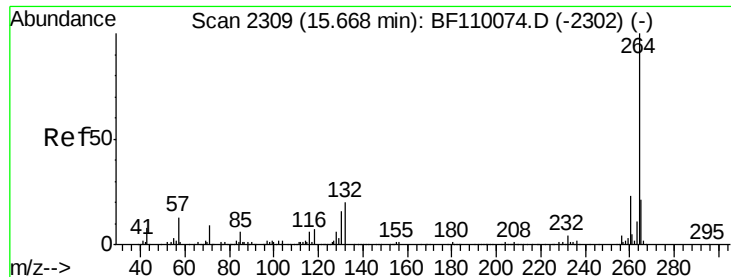
#79
Terphenyl-d14
Concen: 66.633 ng
RT: 13.09 min Scan# 1871
Delta R.T. -0.00 min
Lab File: BF110267.D
Acq: 29 Oct 2018 17:43

Tgt Ion:244 Resp: 706004
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.8
122 11.0 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

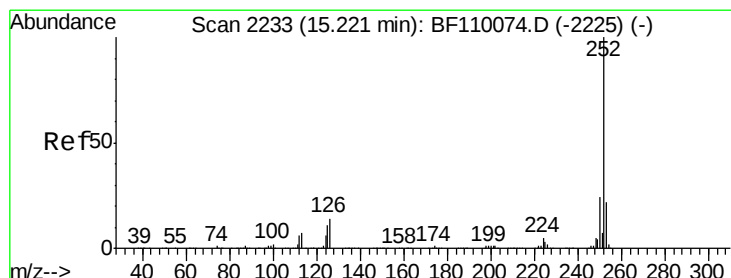
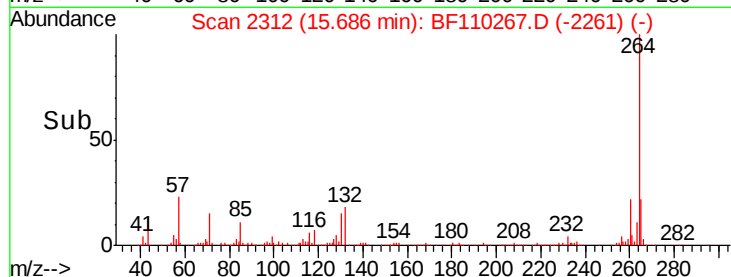
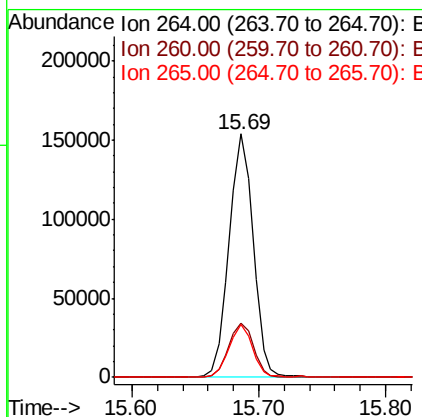
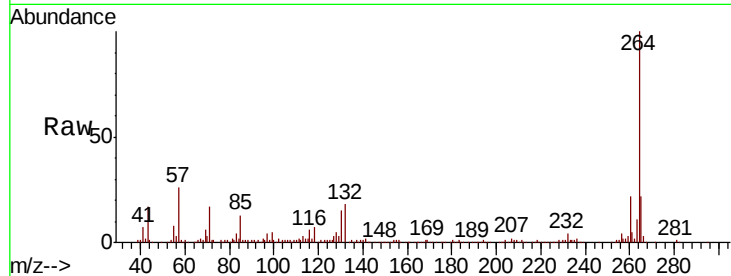




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2312
Delta R.T. -0.00 min
Lab File: BF110267.D
Acq: 29 Oct 2018 17:43

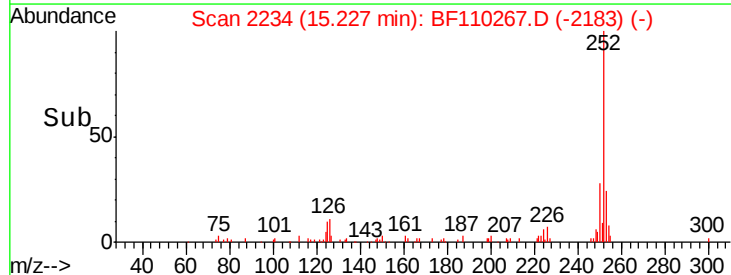
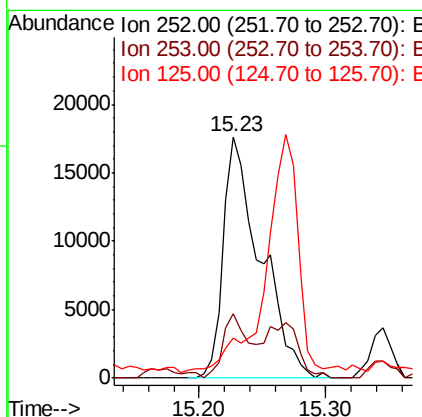
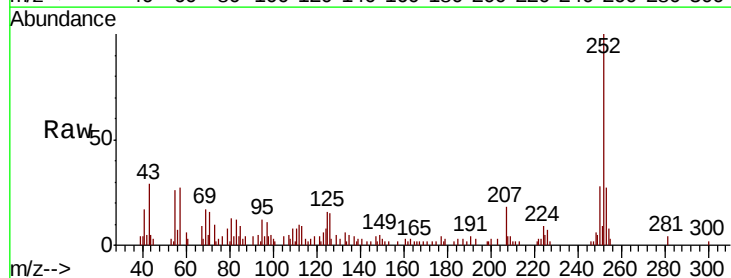
Instrument :
BNA_F
ClientSampleId :

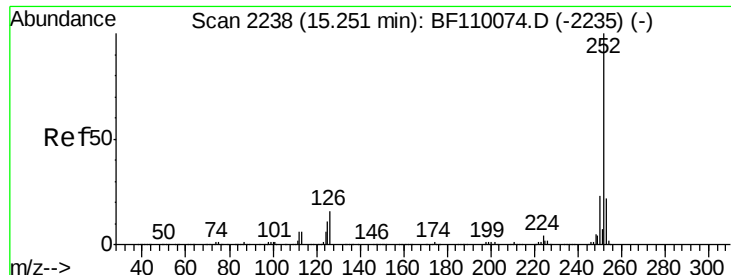
Tot Ion	Ratio	Lower	Upper
264	100		
260	22.0	18.7	28.1
265	21.6	16.7	25.1



#88
Benzo(b)fluoranthene
Concen: 3.058 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.00 min
Lab File: BF110267.D
Acq: 29 Oct 2018 17:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.6	17.2	25.8#
125	16.4	8.2	12.4#





#89

Benzo(k)fluoranthene

Concen: 3.111 ng

RT: 15.23 min Scan# 2234

Delta R.T. -0.04 min

Lab File: BF110267.D

Acq: 29 Oct 2018 17:43

Instrument :

BNA_F

ClientSampleId :

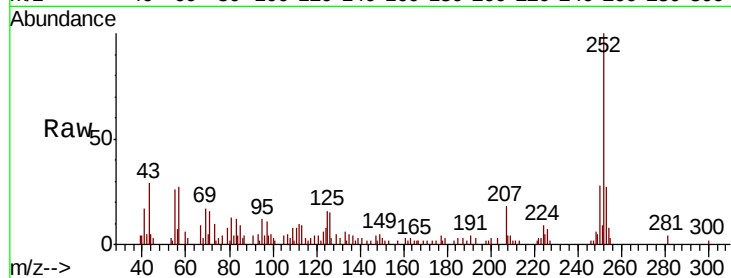
Tot Ion:252 Resp: 35943

Ion Ratio Lower Upper

252 100

253 26.6 17.2 25.8#

125 16.4 7.4 11.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

