

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\
 Data File : BF110371.D
 Acq On : 1 Nov 2018 16:22
 Operator : JU/SJ
 Sample : J5741-59
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 02 04:10:01 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	6.96	152	83257	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	346706	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	164172	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	288500	20.00	ng	0.00
76) Chrysene-d12	14.13	240	158074	20.00	ng	0.00
87) Perylene-d12	15.66	264	167333	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	633711	123.95	ng	0.01
7) Phenol-d6	6.58	99	810440	123.93	ng	0.00
23) Nitrobenzene-d5	7.52	82	506933	86.72	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	194912	119.85	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	977677	93.51	ng	0.00
79) Terphenyl-d14	13.07	244	731795	96.28	ng	0.00

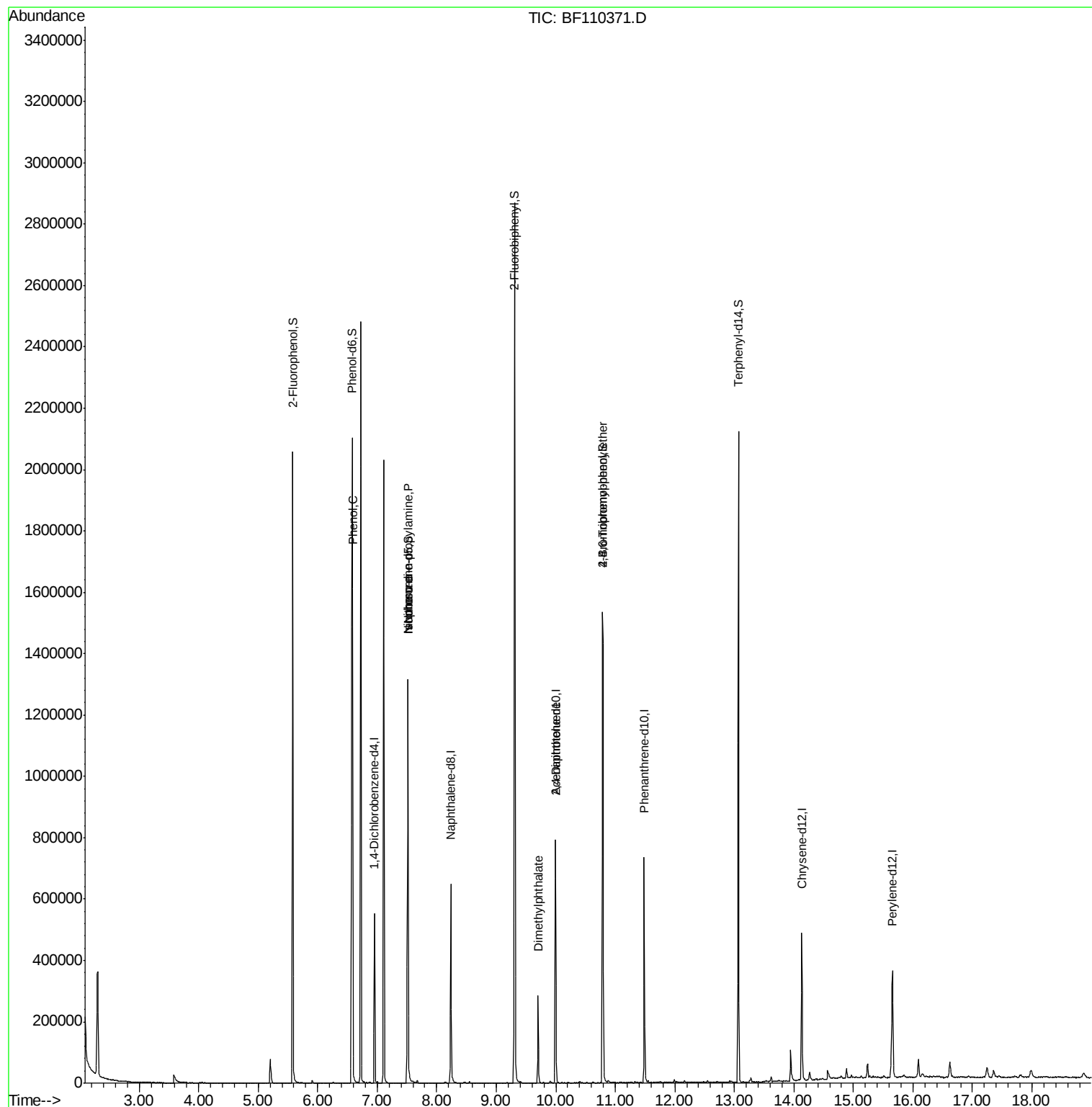
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.59	77	1632	Below Cal		# 1
10) Phenol	6.59	94	48702	6.967	ng	# 67
19) n-Nitroso-di-n-propylamine	7.52	70	67932	16.192	ng	# 80
25) Isophorone	7.52	82	506926	50.876	ng	# 67
50) Dimethylphthalate	9.70	163	131315	10.836	ng	# 98
57) 2,4-Dinitrotoluene	10.00	165	20347	6.137	ng	# 17
67) 4-Bromophenyl-phenylether	10.79	248	12347	3.945	ng	# 1

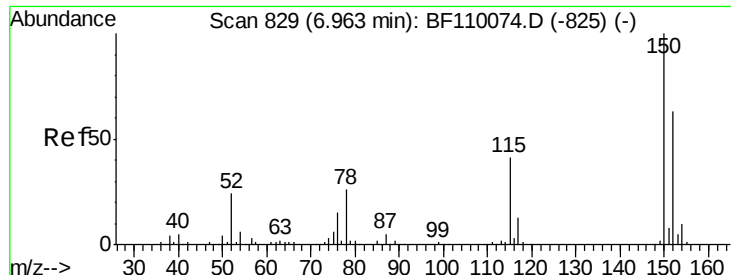
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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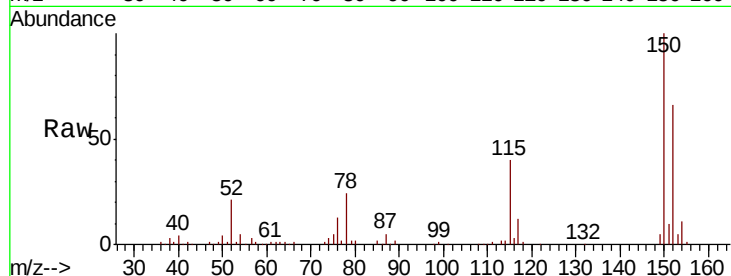


#1

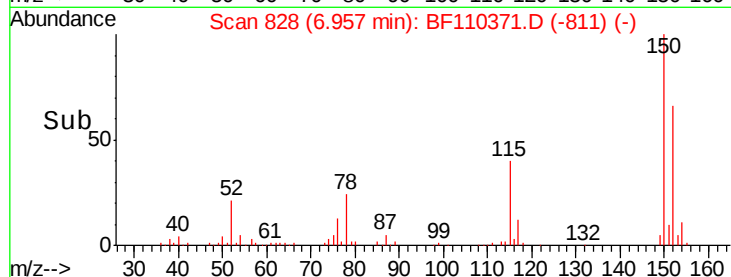
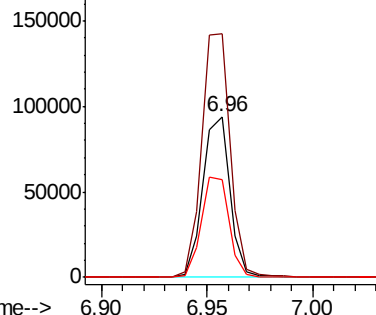
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110371.D
Acq: 1 Nov 2018 16:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.2	122.7	184.1
115	60.6	49.1	73.7



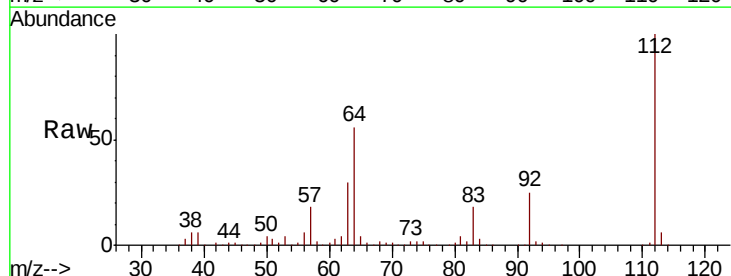
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



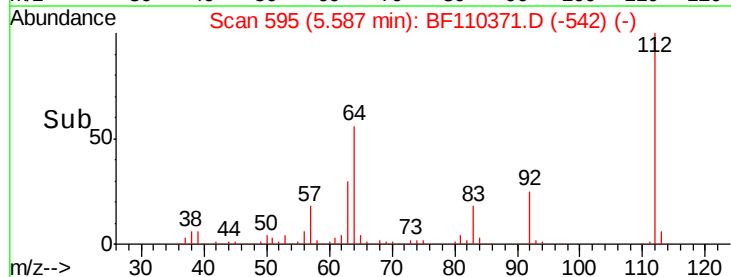
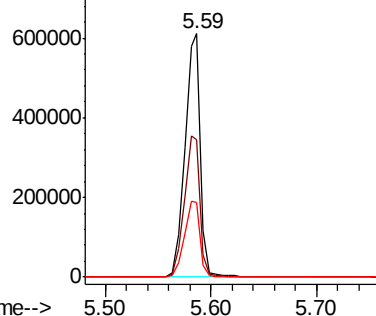
#5

2-Fluorophenol
Concen: 123.950 ng
RT: 5.59 min Scan# 595
Delta R.T. 0.01 min
Lab File: BF110371.D
Acq: 1 Nov 2018 16:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.2	44.1	66.1
63	30.5	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: 123.931 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF110371.D

Acq: 1 Nov 2018 16:22

Instrument :

BNA_F

ClientSampleId :

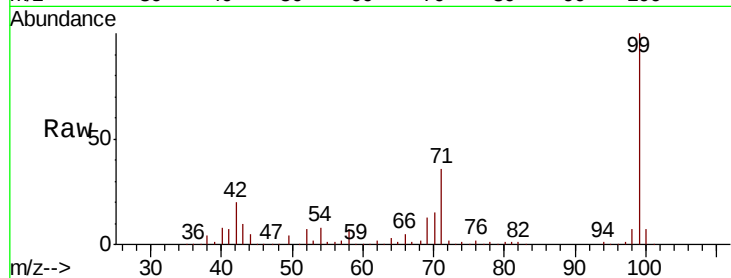
Tot Ion: 99 Resp: 810440

Ion Ratio Lower Upper

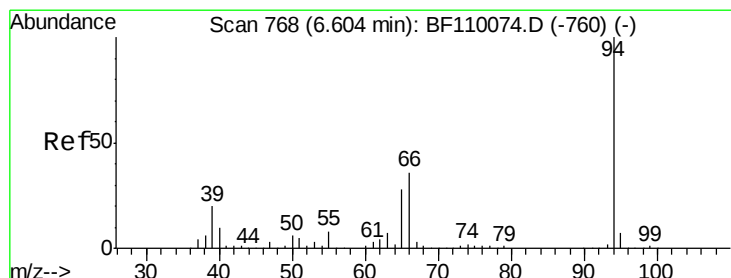
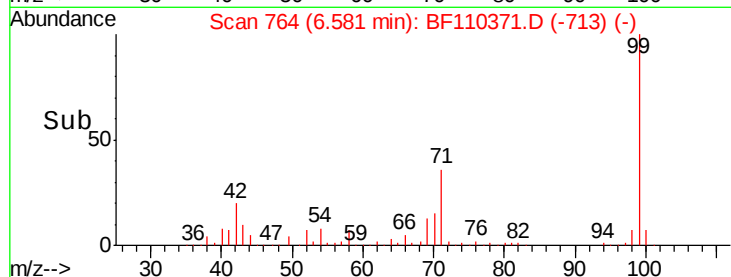
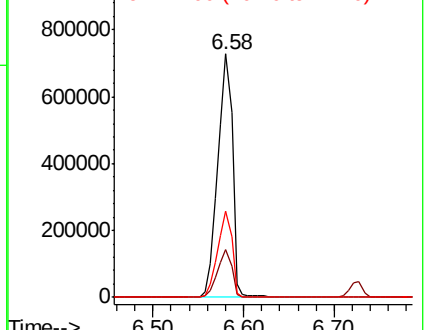
99 100

42 19.6 15.8 23.6

71 35.6 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
1000000
Ion 42.00 (41.70 to 42.70): BF1
800000
Ion 71.00 (70.70 to 71.70): BF1
600000
400000
200000
0



#10

Phenol

Concen: 6.967 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110371.D

Acq: 1 Nov 2018 16:22

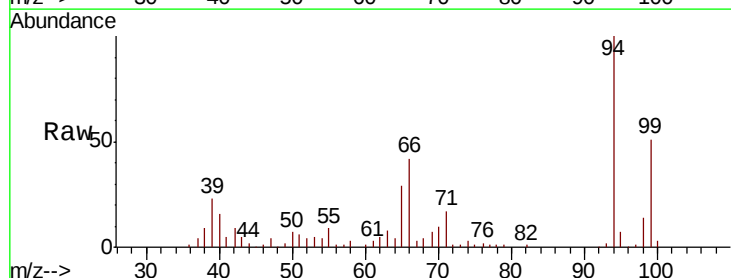
Tgt Ion: 94 Resp: 48702

Ion Ratio Lower Upper

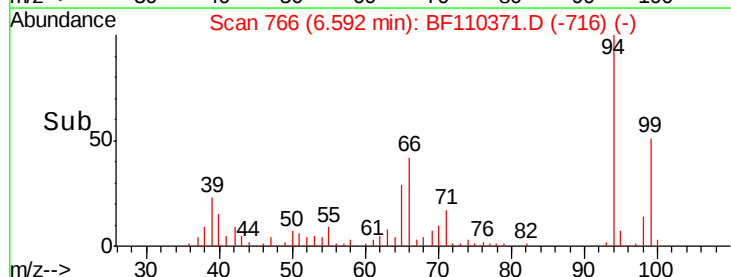
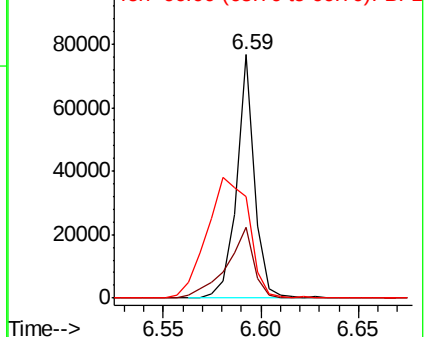
94 100

65 29.2 25.3 65.3

66 41.5 54.5 94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1
100000
Ion 65.00 (64.70 to 65.70): BF1
80000
Ion 66.00 (65.70 to 66.70): BF1
60000
40000
20000
0

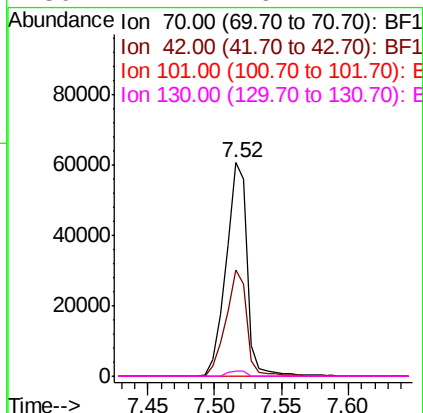
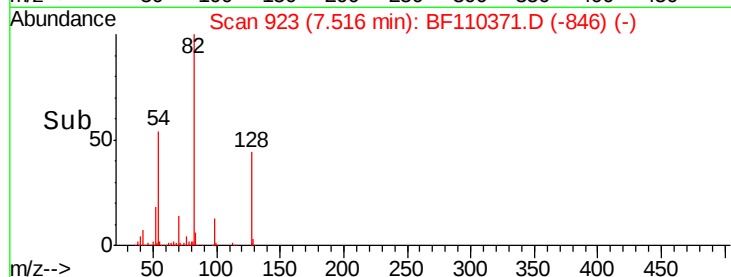
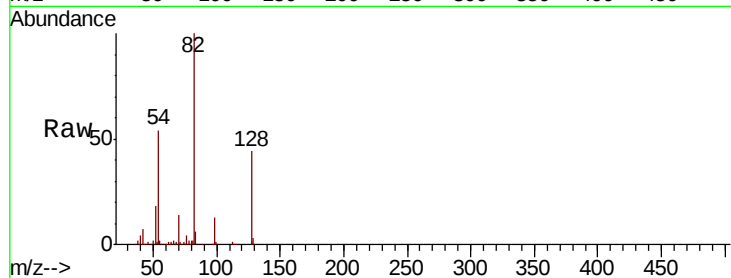




#19
n-Nitroso-di-n-propylamine
Concen: 16.192 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.15 min
Lab File: BF110371.D
Acq: 1 Nov 2018 16:22

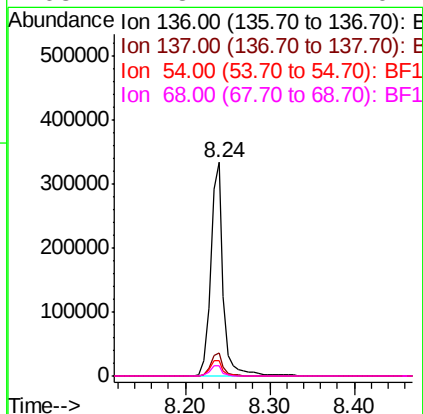
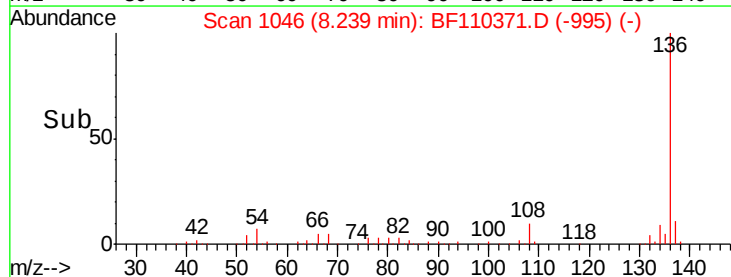
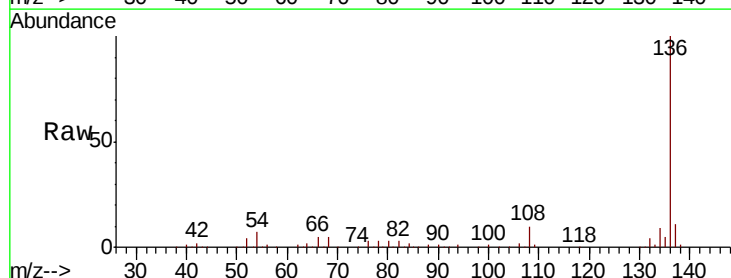
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 67932
Ion Ratio Lower Upper
70 100
42 49.6 47.4 71.2
101 0.0 7.3 10.9#
130 2.4 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: BF110371.D
Acq: 1 Nov 2018 16:22

Tgt Ion: 136 Resp: 346706
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.1 5.4 8.2
68 4.8 4.2 6.2

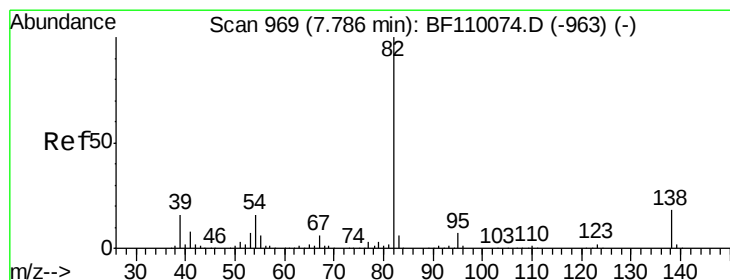
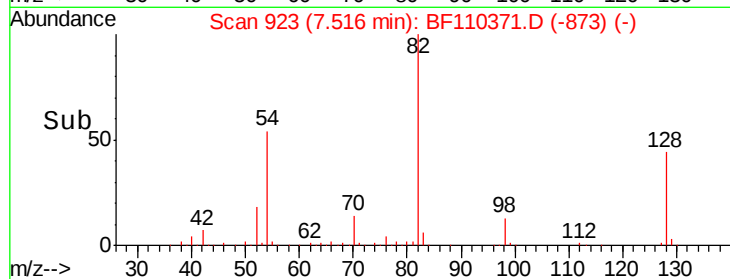
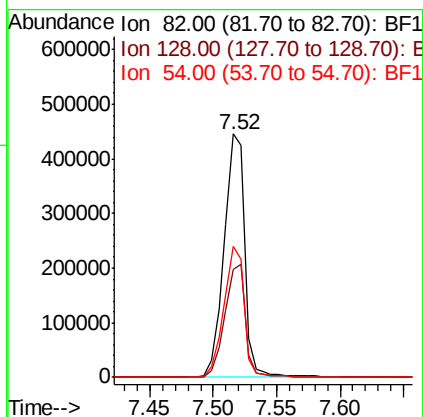
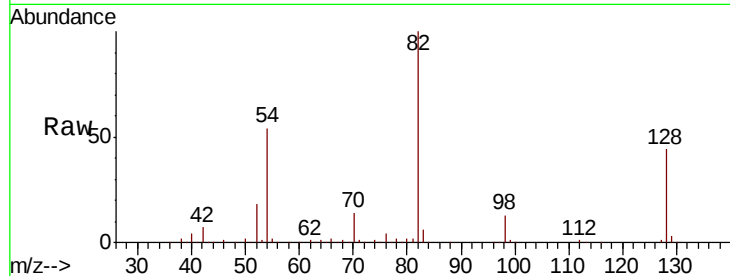




#23
 Nitrobenzene-d5
 Concen: 86.724 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BF110371.D
 Acq: 1 Nov 2018 16:22

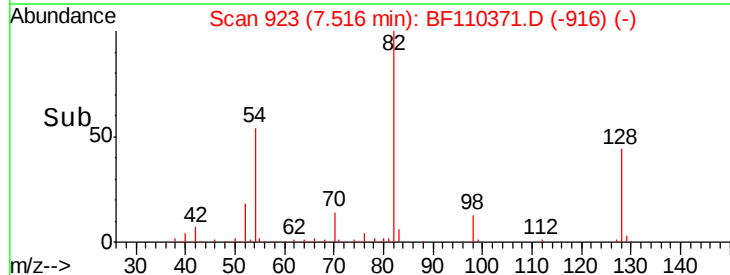
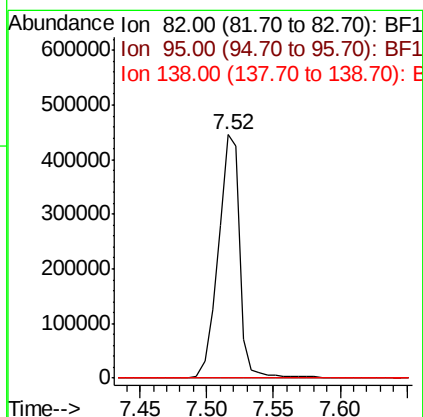
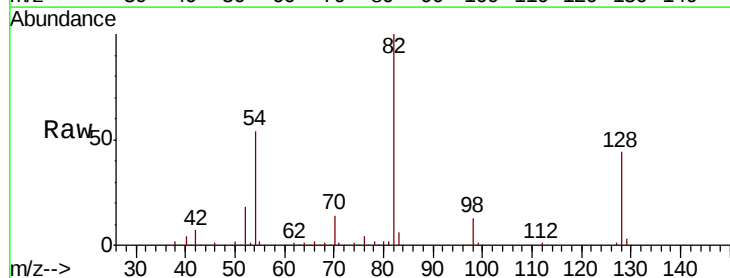
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	506933
Ion Ratio	100	Lower	Upper
128	44.2	34.2	51.2
54	53.8	38.6	58.0



#25
 Isophorone
 Concen: 50.876 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.26 min
 Lab File: BF110371.D
 Acq: 1 Nov 2018 16:22

Tgt Ion	82	Resp	506926
Ion Ratio	100	Lower	Upper
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: BF110371.D

Acq: 1 Nov 2018 16:22

Instrument :

BNA_F

ClientSampled :

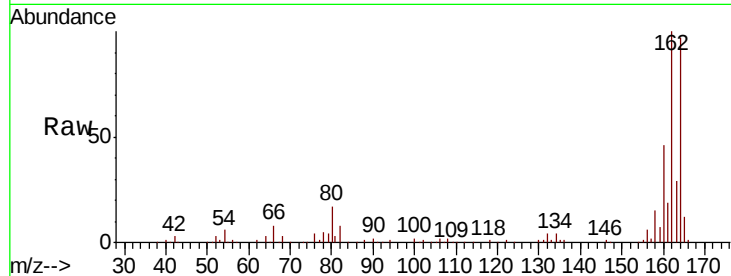
Tot Ion:164 Resp: 164172

Ion Ratio Lower Upper

164 100

162 103.6 83.0 124.6

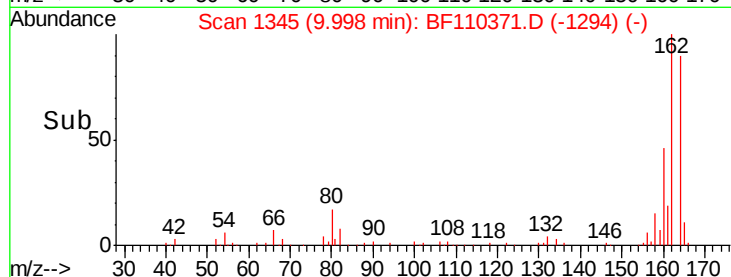
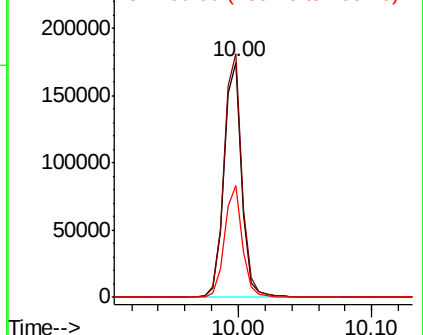
160 47.4 37.0 55.6



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: 119.855 ng

RT: 10.79 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BF110371.D

Acq: 1 Nov 2018 16:22

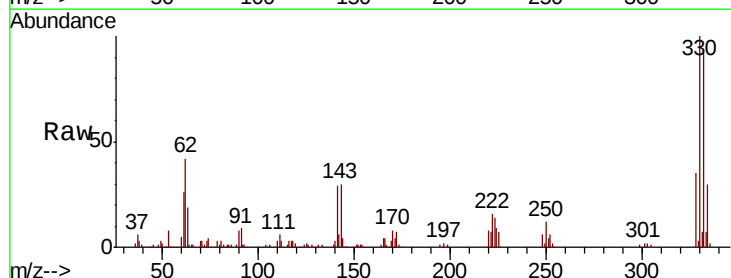
Tgt Ion:330 Resp: 194912

Ion Ratio Lower Upper

330 100

332 94.3 77.1 115.7

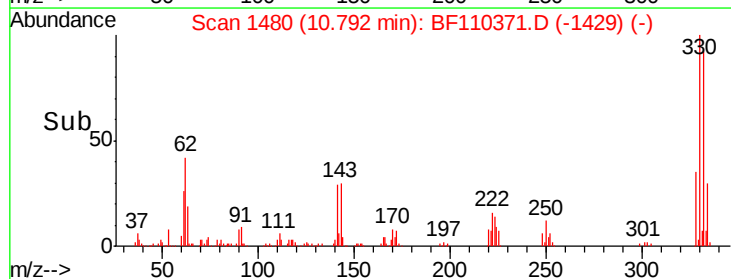
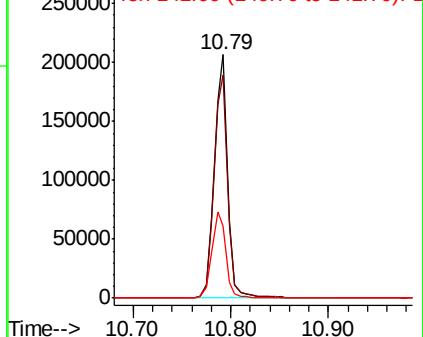
141 37.1 27.0 40.4



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

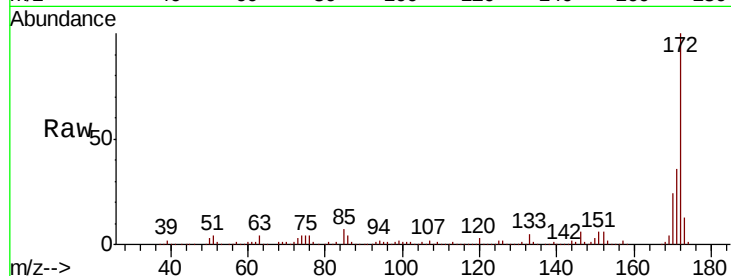




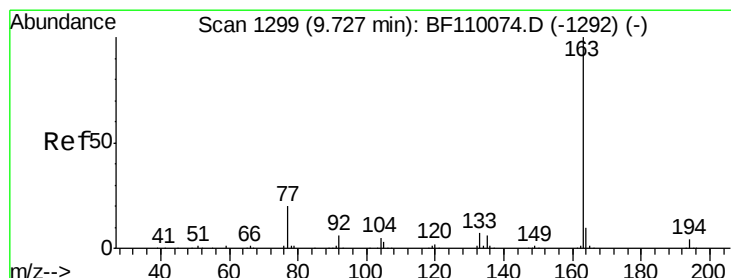
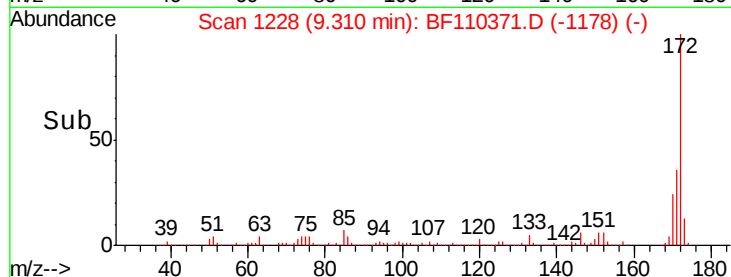
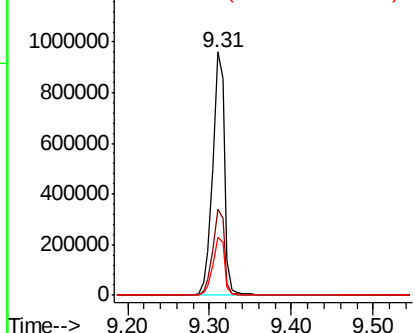
#45
2-Fluorobiphenyl
Concen: 93.512 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF110371.D
Acq: 1 Nov 2018 16:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 977677
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 23.8 19.7 29.5

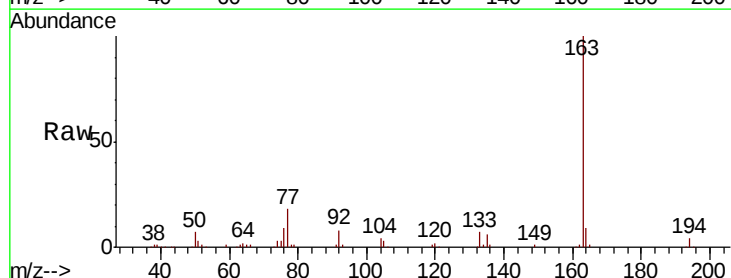


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

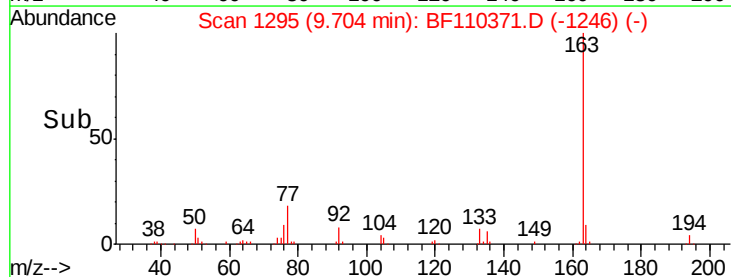
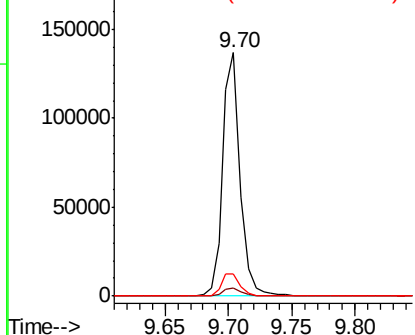


#50
Dimethylphthalate
Concen: 10.836 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF110371.D
Acq: 1 Nov 2018 16:22

Tgt Ion:163 Resp: 131315
Ion Ratio Lower Upper
163 100
194 3.5 3.2 4.8
164 9.4 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

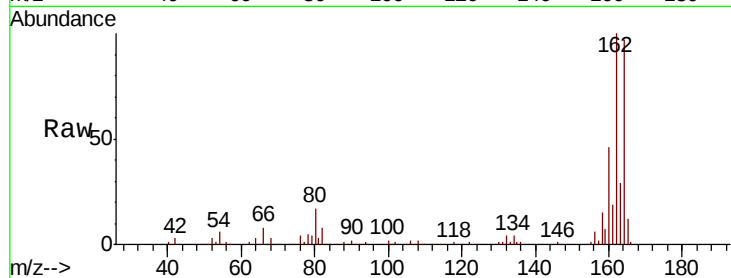




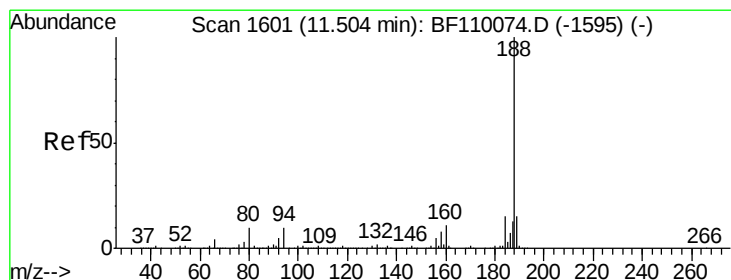
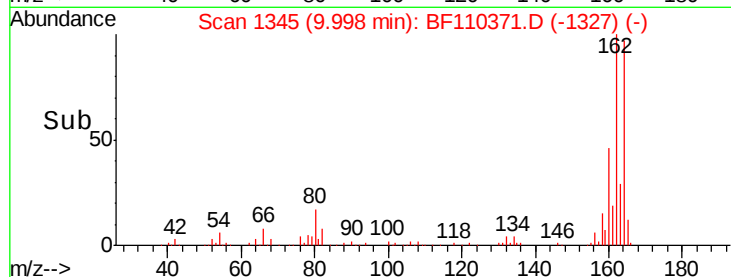
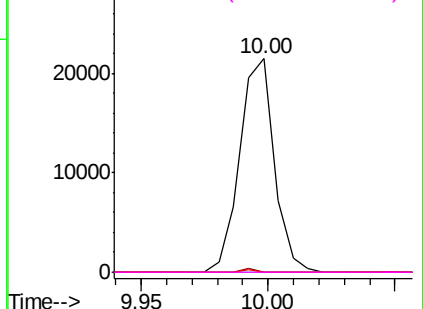
#57
 2,4-Dinitrotoluene
 Concen: 6.137 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. -0.19 min
 Lab File: BF110371.D
 Acq: 1 Nov 2018 16:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	20347
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#

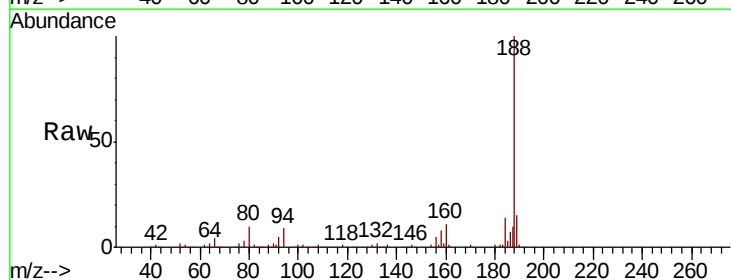


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

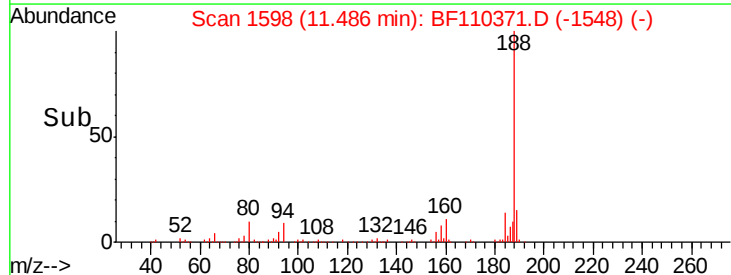
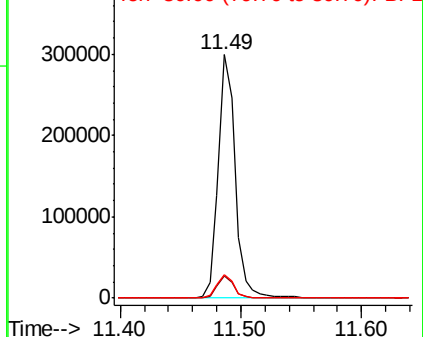


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF110371.D
 Acq: 1 Nov 2018 16:22

Tgt Ion:188	Resp:	288500
Ion Ratio	Lower	Upper
188	100	
94	9.0	7.2 10.8
80	9.6	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

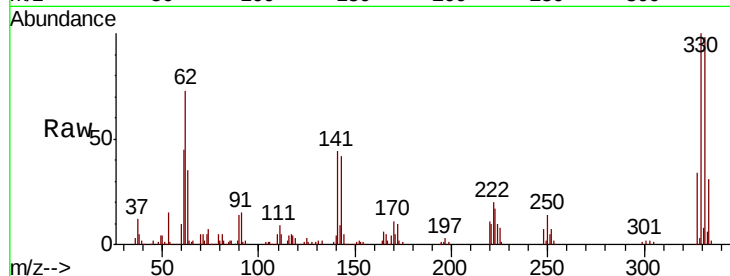




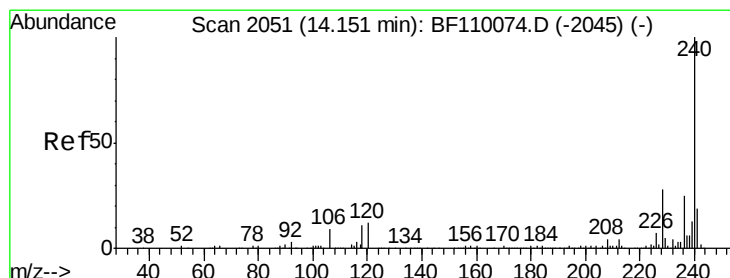
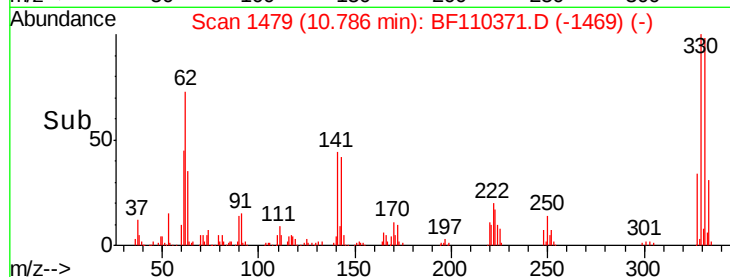
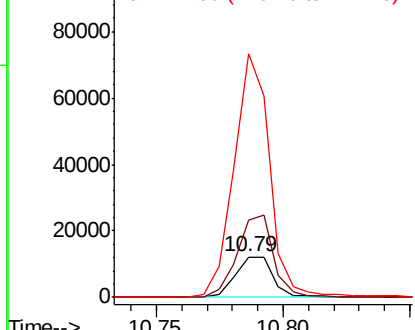
#67
4-Bromophenyl-phenylether
Concen: 3.945 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.24 min
Lab File: BF110371.D
Acq: 1 Nov 2018 16:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 12347
Ion Ratio Lower Upper
248 100
250 191.0 79.4 119.2#
141 603.8 55.9 83.9#

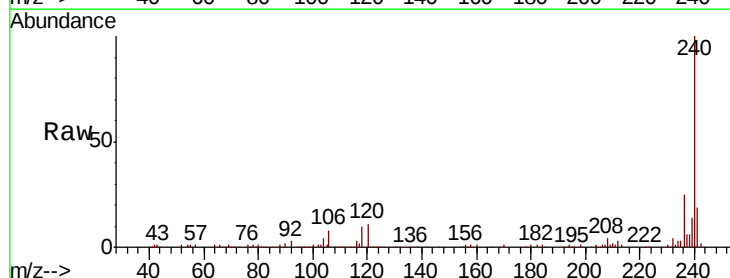


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

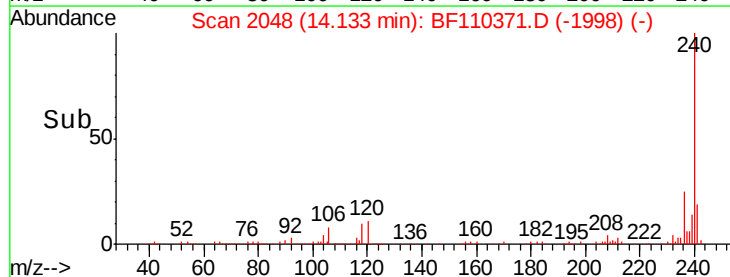
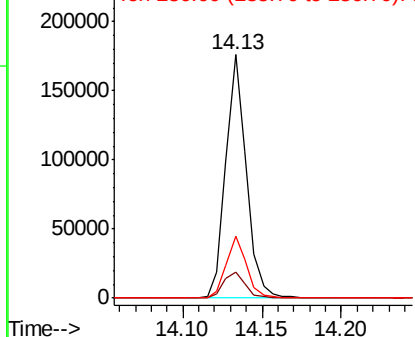


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110371.D
Acq: 1 Nov 2018 16:22

Tgt Ion:240 Resp: 158074
Ion Ratio Lower Upper
240 100
120 10.8 8.3 12.5
236 25.3 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





#79

Terphenyl-d14

Concen: 96.279 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF110371.D

Acq: 1 Nov 2018 16:22

Instrument :

BNA_F

ClientSampleId :

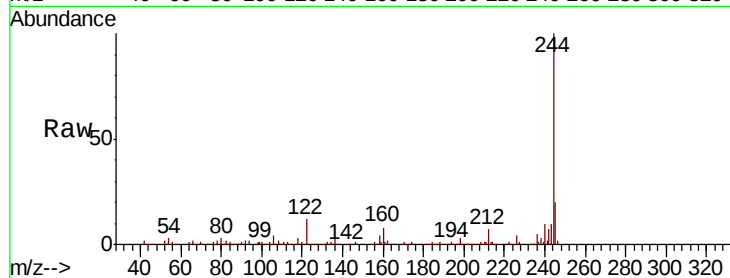
Tot Ion:244 Resp: 731795

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

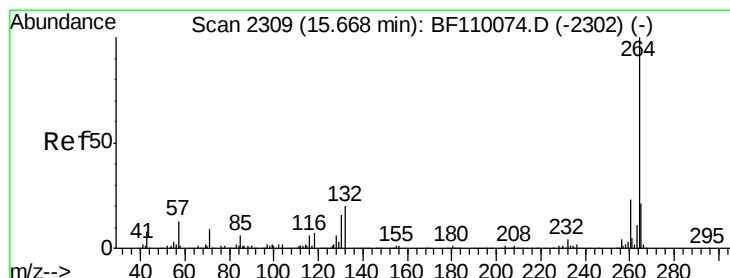
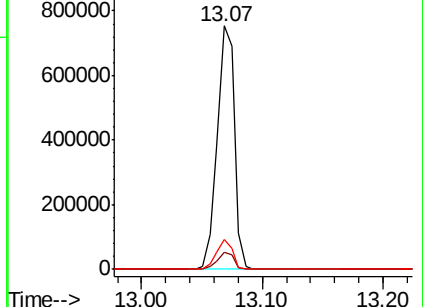
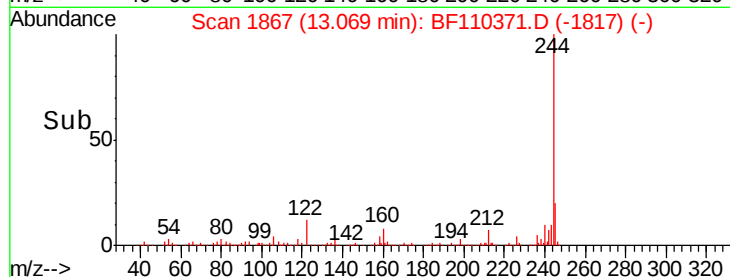
122 12.4 8.7 13.1



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

Perylene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BF110371.D

Acq: 1 Nov 2018 16:22

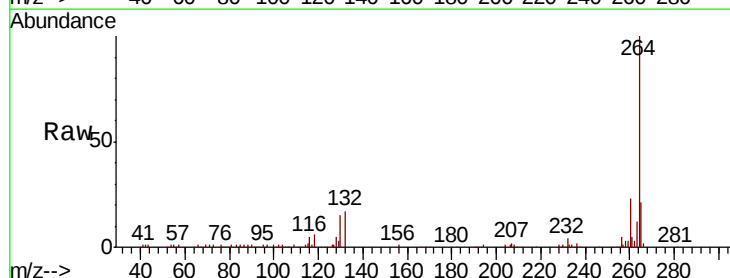
Tgt Ion:264 Resp: 167333

Ion Ratio Lower Upper

264 100

260 23.2 18.7 28.1

265 20.6 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

