

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
 Data File : BF110444.D
 Acq On : 3 Nov 2018 7:09
 Operator : JU/SJ
 Sample : J5789-05
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 05 03:46:10 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

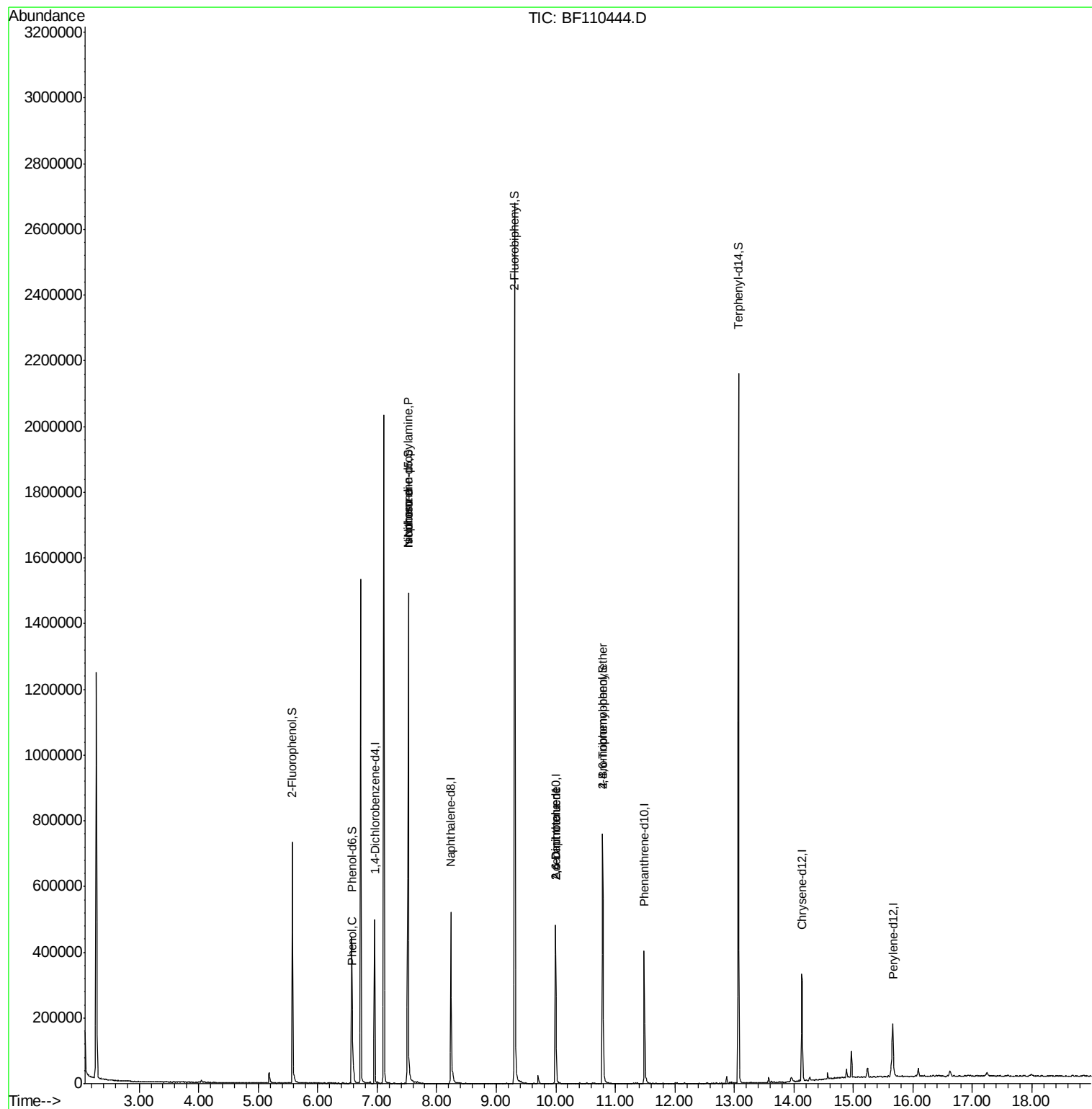
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	78768	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	285525	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	114728	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	196059	20.00	ng	0.00
76) Chrysene-d12	14.13	240	133665	20.00	ng	0.00
87) Perylene-d12	15.66	264	95096	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	202531	41.87	ng	0.00
7) Phenol-d6	6.57	99	154120	24.91	ng	0.00
23) Nitrobenzene-d5	7.52	82	516510	107.30	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	95560	84.09	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	877650	120.12	ng	0.00
79) Terphenyl-d14	13.07	244	790844	123.05	ng	0.00
Target Compounds						
10) Phenol	6.59	94	21345	3.228	ng	# 67
19) n-Nitroso-di-n-propylamine	7.52	70	68244	17.194	ng	# 77
25) Isophorone	7.52	82	516502	62.944	ng	# 67
51) 2,6-Dinitrotoluene	10.00	165	13837	7.585	ng	# 21
57) 2,4-Dinitrotoluene	10.00	165	13837	5.972	ng	# 17
67) 4-Bromophenyl-phenylether	10.79	248	6067	2.853	ng	# 1

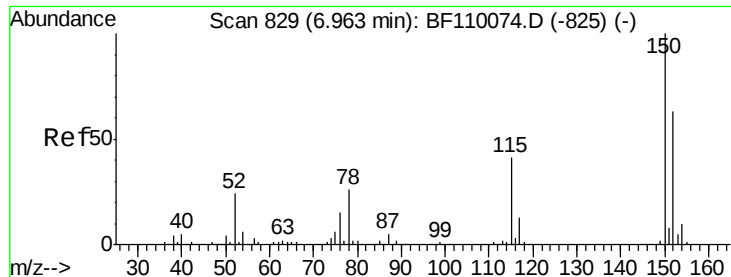
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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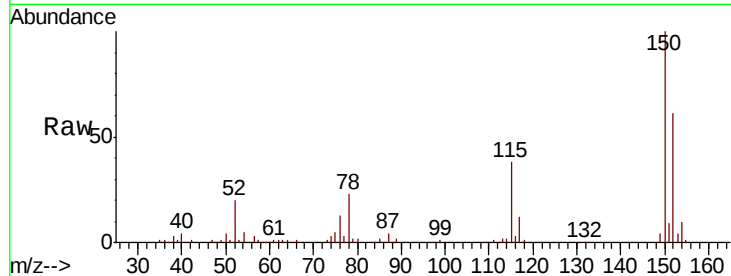


#1

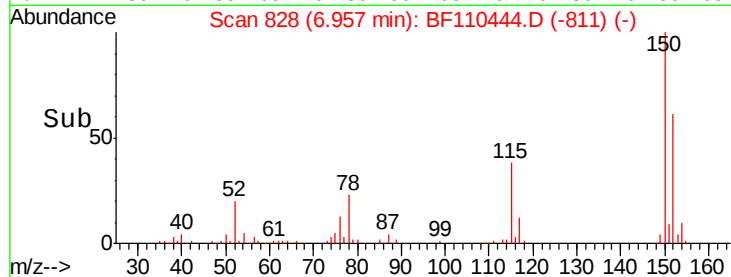
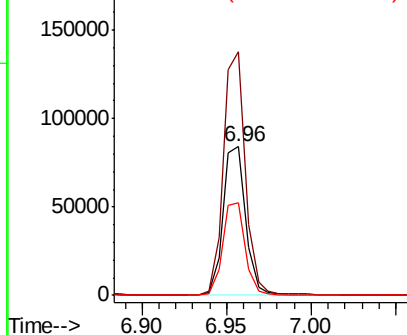
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110444.D
Acq: 3 Nov 2018 7:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 78768
Ion Ratio Lower Upper
152 100
150 163.7 122.7 184.1
115 62.3 49.1 73.7



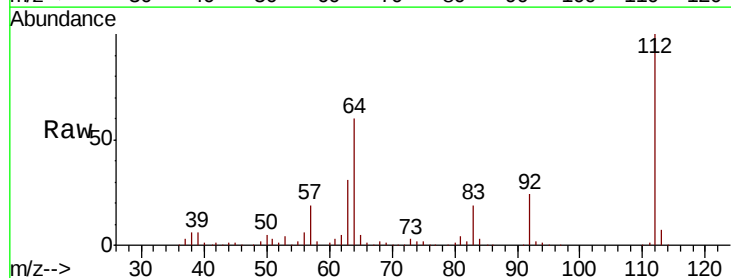
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



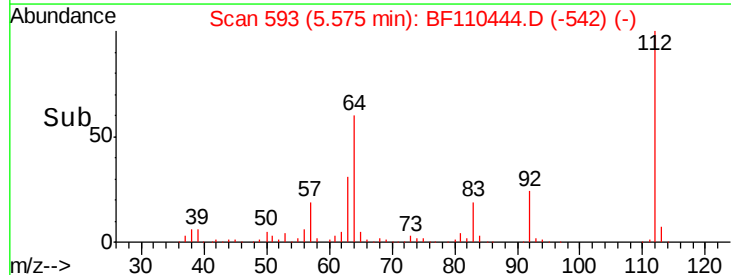
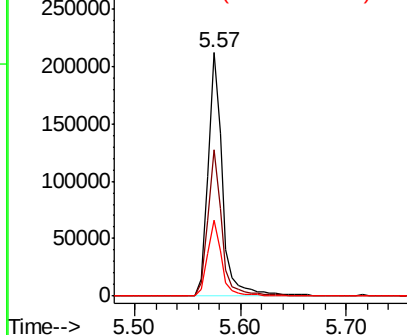
#5

2-Fluorophenol
Concen: 41.871 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF110444.D
Acq: 3 Nov 2018 7:09

Tgt Ion:112 Resp: 202531
Ion Ratio Lower Upper
112 100
64 60.3 44.1 66.1
63 31.2 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: 24.911 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110444.D

Acq: 3 Nov 2018 7:09

Instrument :

BNA_F

ClientSampleId :

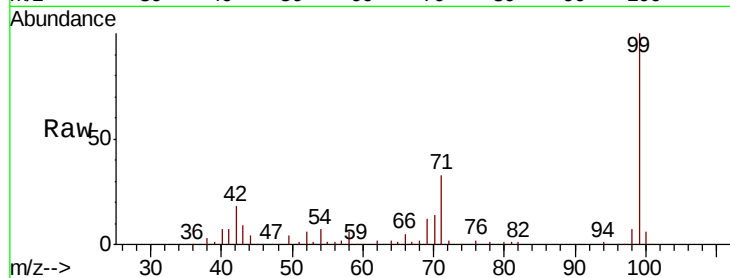
Tot Ion: 99 Resp: 154120

Ion Ratio Lower Upper

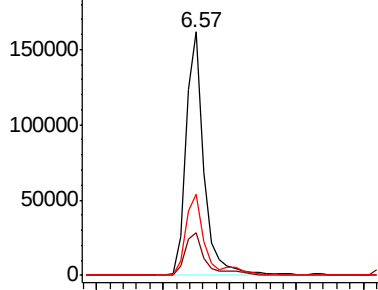
99 100

42 17.6 15.8 23.6

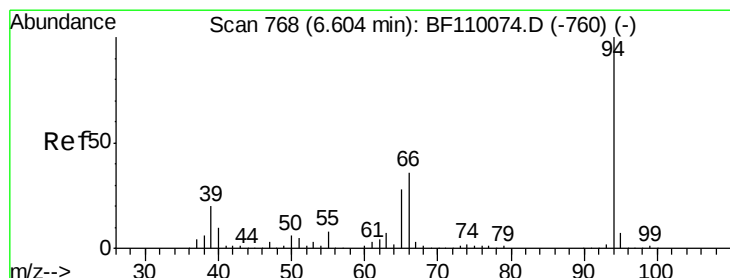
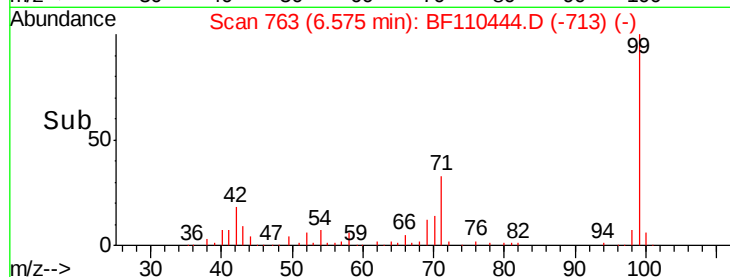
71 33.4 28.0 42.0



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



Time-->



#10

Phenol

Concen: 3.228 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF110444.D

Acq: 3 Nov 2018 7:09

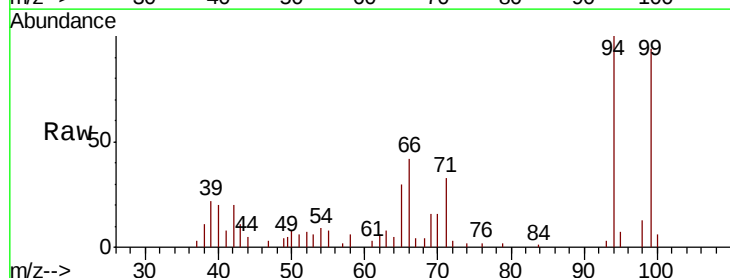
Tgt Ion: 94 Resp: 21345

Ion Ratio Lower Upper

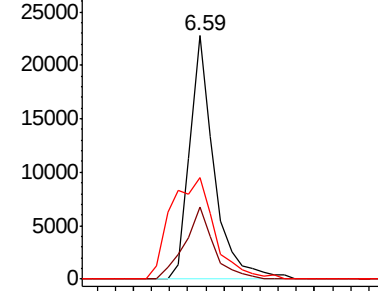
94 100

65 29.6 25.3 65.3

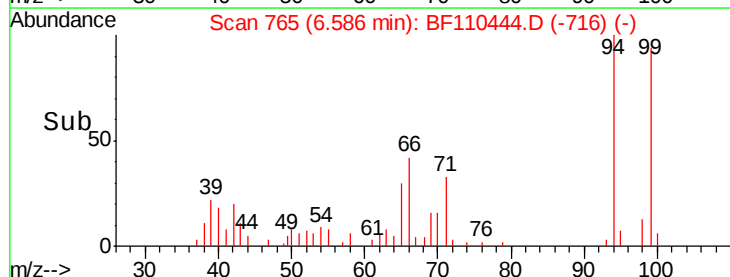
66 41.5 54.5 94.5#



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



Time-->

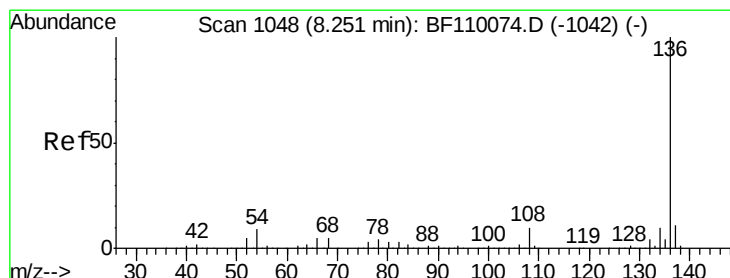
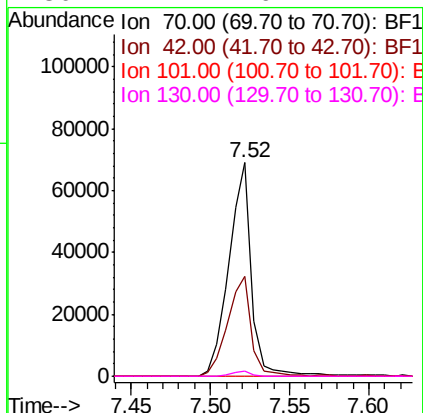
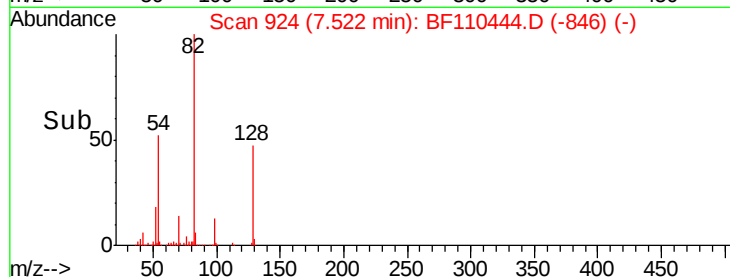
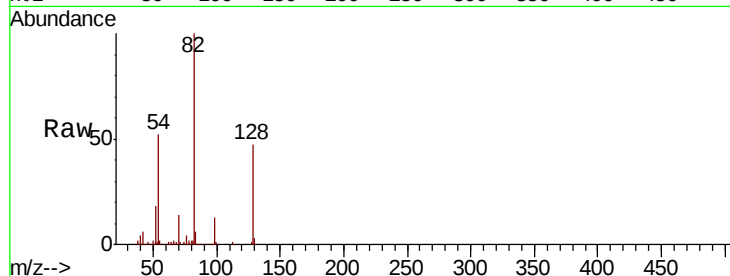




#19
n-Nitroso-di-n-propylamine
Concen: 17.194 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.16 min
Lab File: BF110444.D
Acq: 3 Nov 2018 7:09

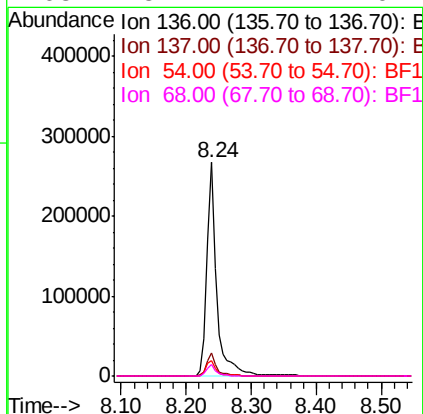
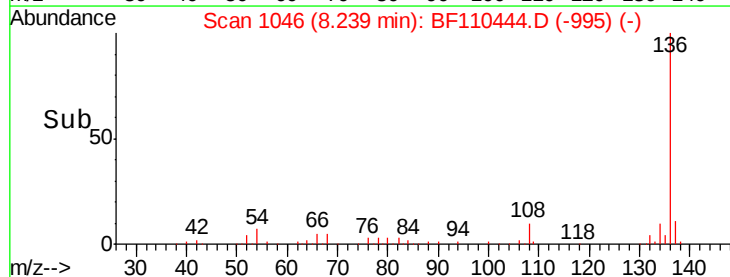
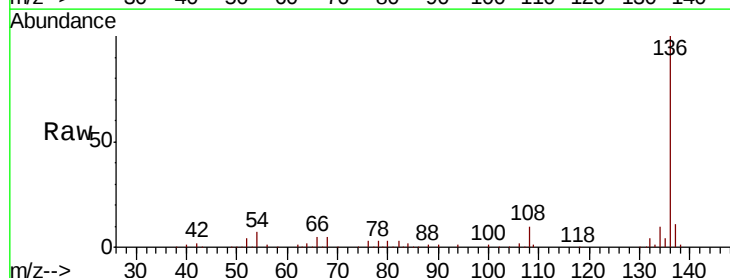
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 68244
Ion Ratio Lower Upper
70 100
42 46.9 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: BF110444.D
Acq: 3 Nov 2018 7:09

Tgt Ion: 136 Resp: 285525
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.3 5.4 8.2
68 5.1 4.2 6.2

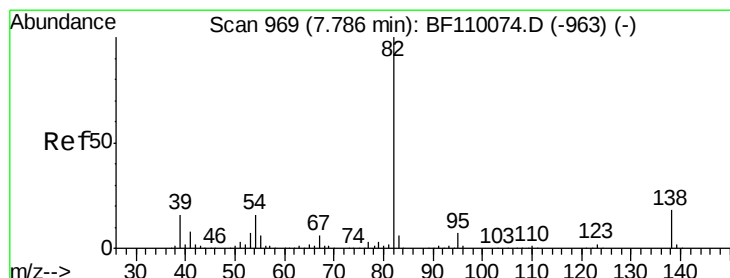
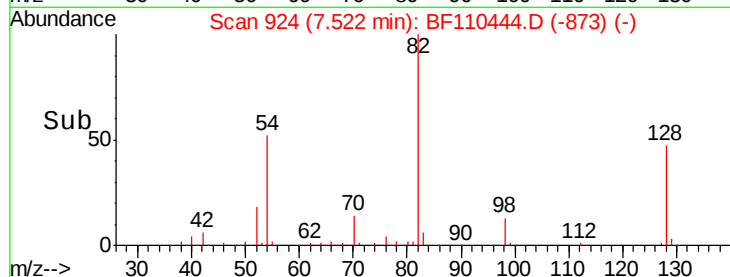
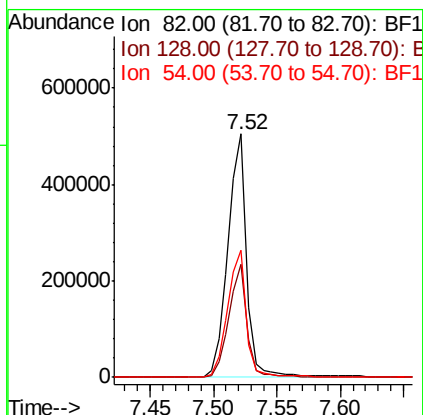
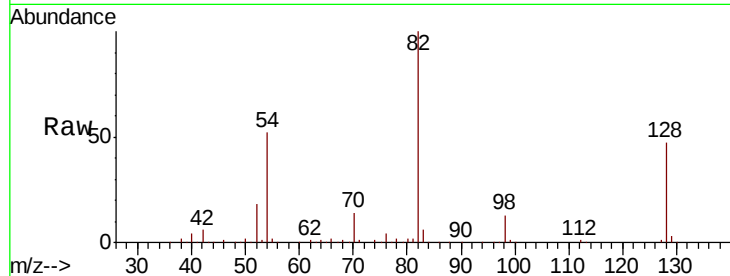




#23
Nitrobenzene-d5
Concen: 107.297 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF110444.D
Acq: 3 Nov 2018 7:09

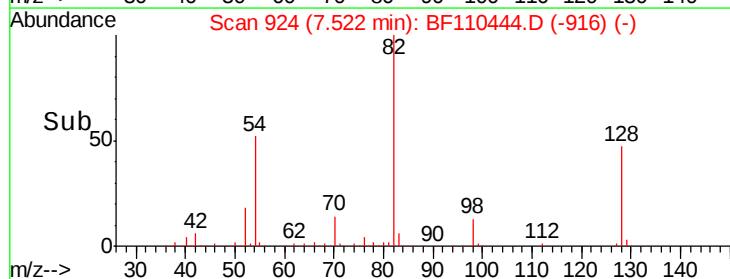
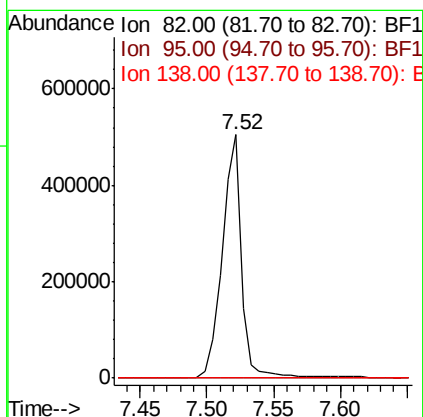
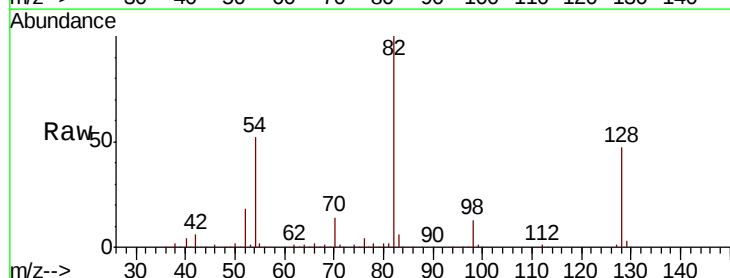
Instrument :
BNA_F
ClientSampleId :

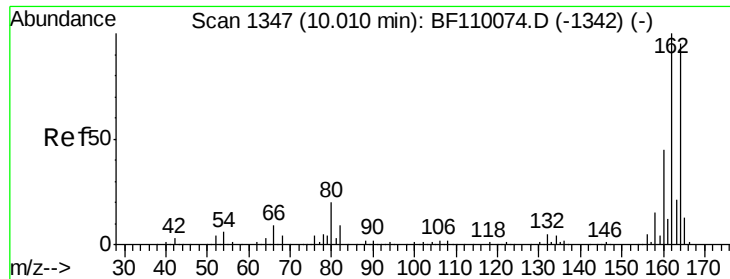
Tot Ion: 82 Resp: 516510
Ion Ratio Lower Upper
82 100
128 46.6 34.2 51.2
54 52.2 38.6 58.0



#25
Isophorone
Concen: 62.944 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.25 min
Lab File: BF110444.D
Acq: 3 Nov 2018 7:09

Tgt Ion: 82 Resp: 516502
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: BF110444.D

Acq: 3 Nov 2018 7:09

Instrument :

BNA_F

ClientSampleId :

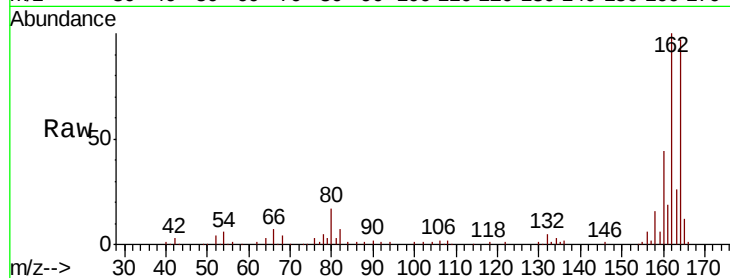
Tot Ion:164 Resp: 114728

Ion Ratio Lower Upper

164 100

162 102.8 83.0 124.6

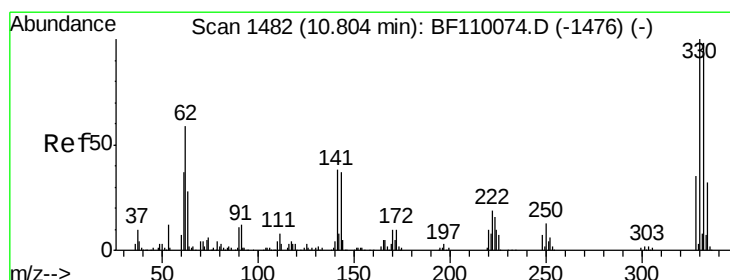
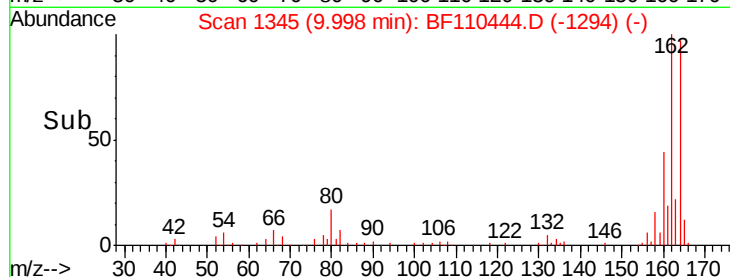
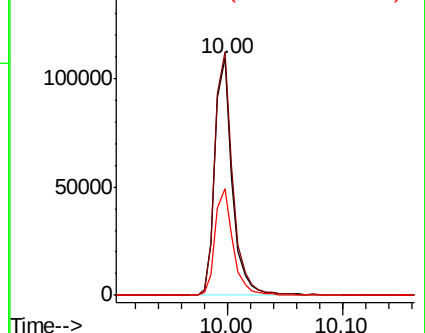
160 44.8 37.0 55.6



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: 84.086 ng

RT: 10.79 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BF110444.D

Acq: 3 Nov 2018 7:09

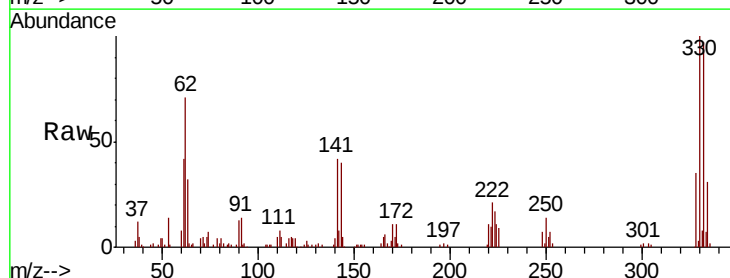
Tgt Ion:330 Resp: 95560

Ion Ratio Lower Upper

330 100

332 97.0 77.1 115.7

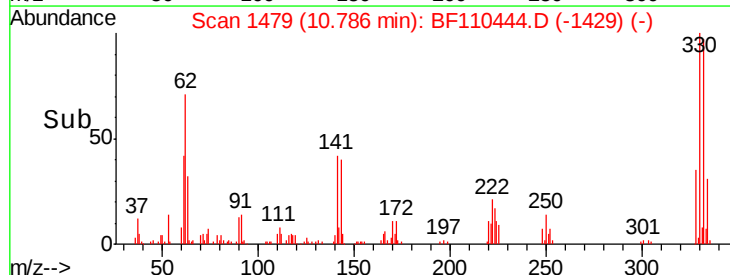
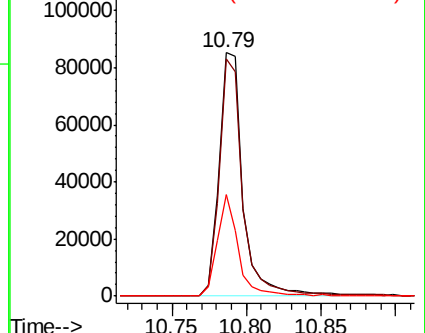
141 36.4 27.0 40.4



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

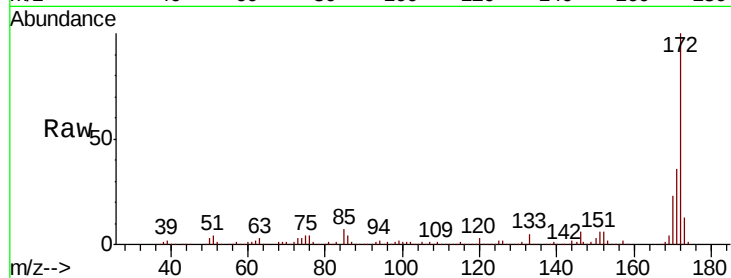




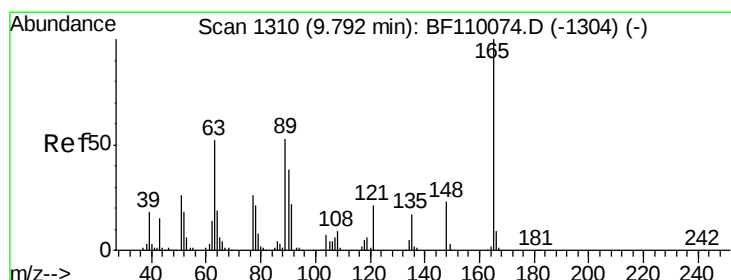
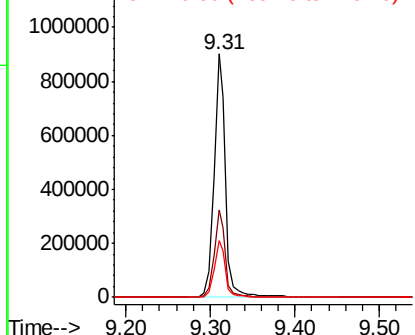
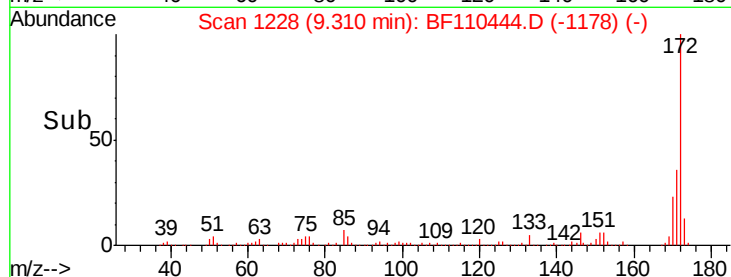
#45
 2-Fluorobiphenyl
 Concen: 120.122 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110444.D
 Acq: 3 Nov 2018 7:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 877650
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.6 43.0
 170 23.5 19.7 29.5

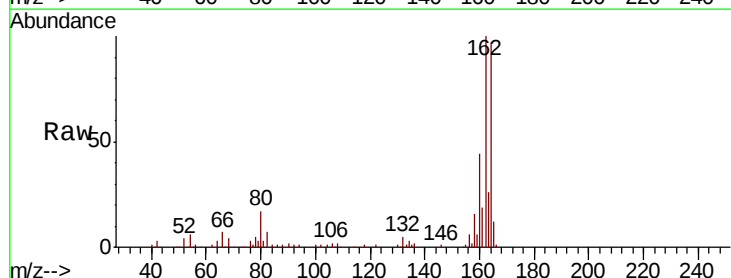


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

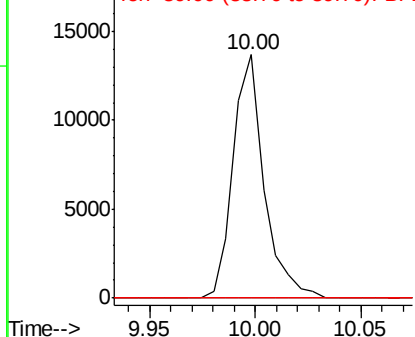
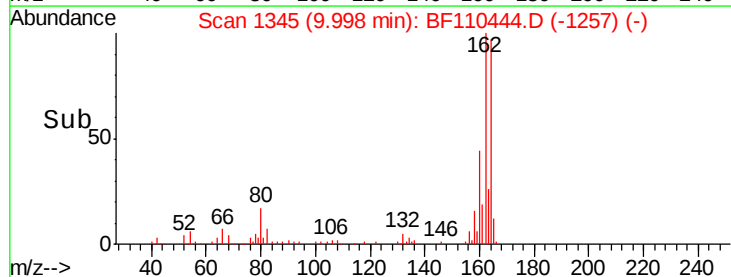


#51
 2,6-Dinitrotoluene
 Concen: 7.585 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. 0.22 min
 Lab File: BF110444.D
 Acq: 3 Nov 2018 7:09

Tgt Ion:165 Resp: 13837
 Ion Ratio Lower Upper
 165 100
 63 0.0 48.9 73.3#
 89 0.0 46.6 69.8#



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

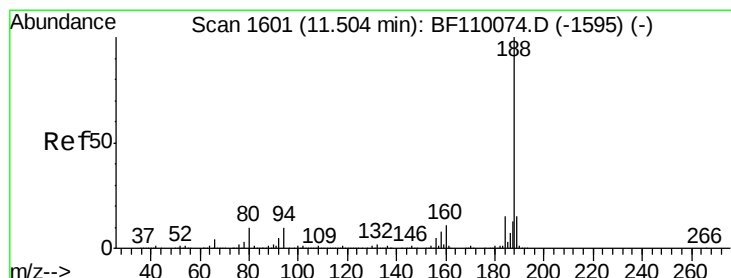
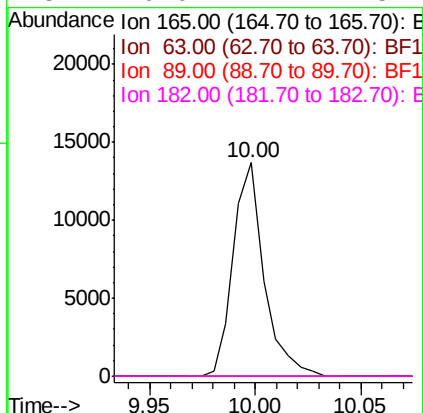
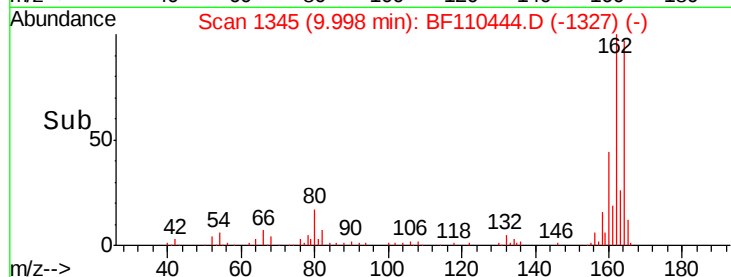
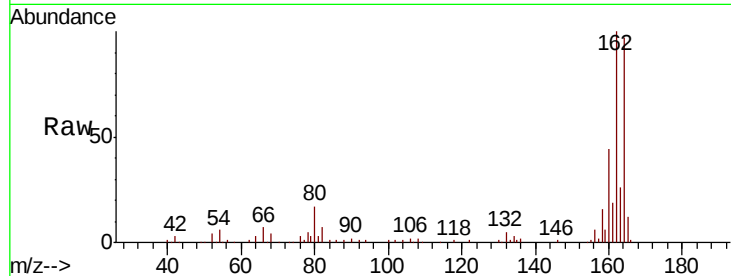




#57
 2,4-Dinitrotoluene
 Concen: 5.972 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. -0.19 min
 Lab File: BF110444.D
 Acq: 3 Nov 2018 7:09

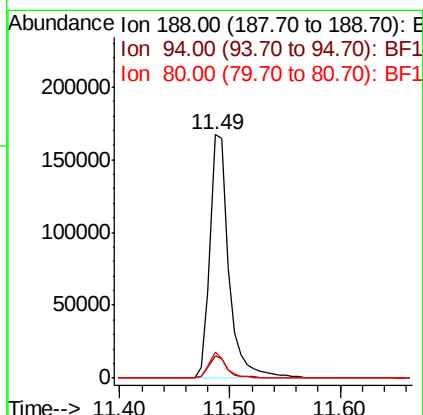
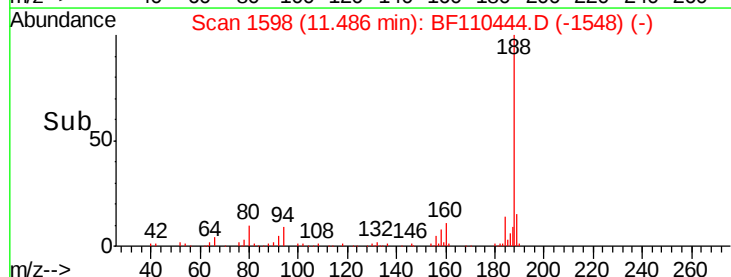
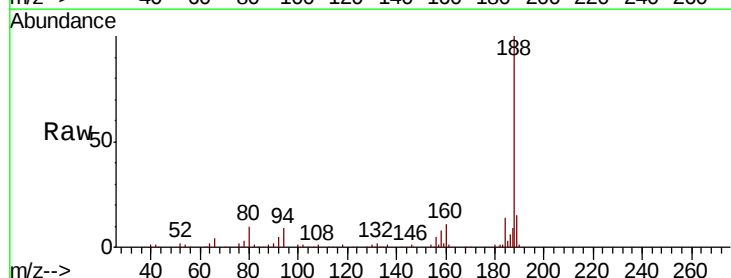
Instrument :
 BNA_F
 ClientSampleId :

Tot 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#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF110444.D
 Acq: 3 Nov 2018 7:09

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.2	10.8
80	10.4	7.9	11.9

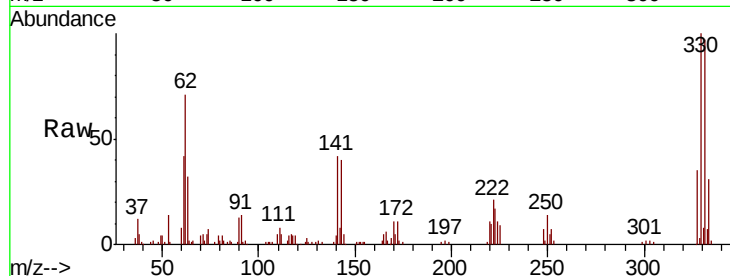




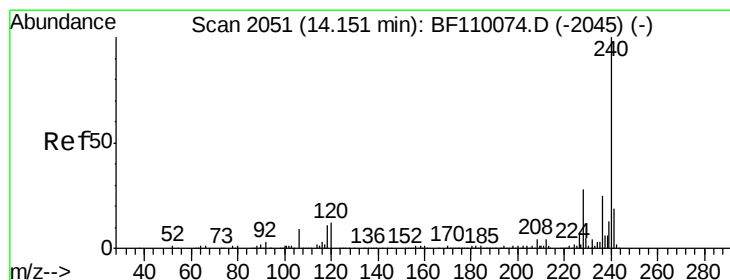
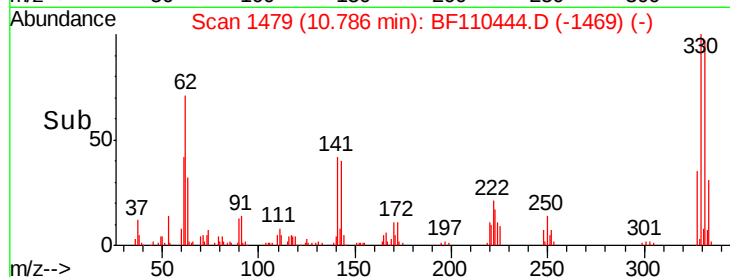
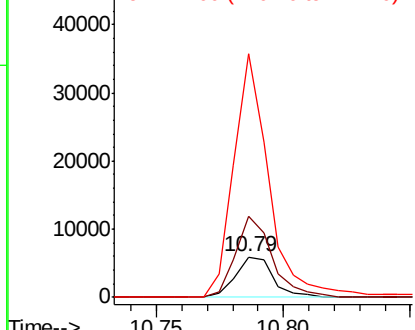
#67
4-Bromophenyl-phenylether
Concen: 2.853 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.24 min
Lab File: BF110444.D
Acq: 3 Nov 2018 7:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 6067
Ion Ratio Lower Upper
248 100
250 199.1 79.4 119.2#
141 601.9 55.9 83.9#

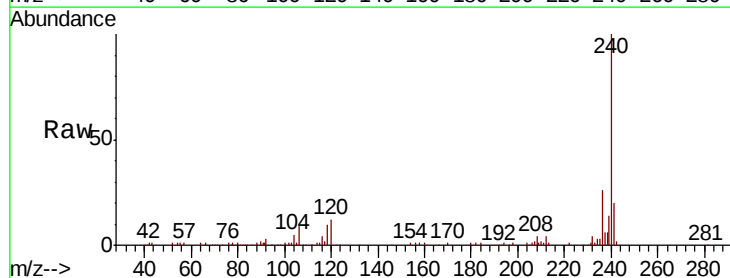


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

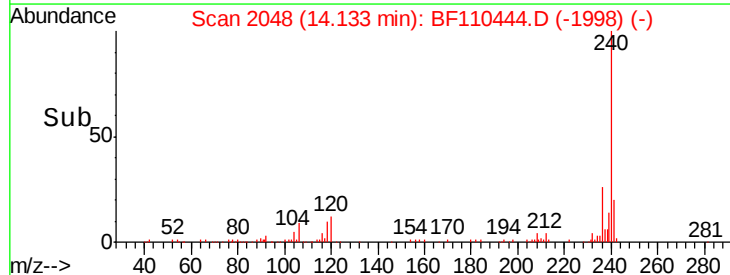
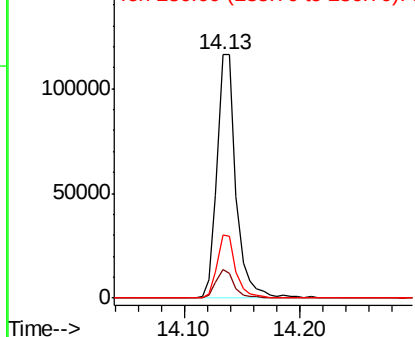


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110444.D
Acq: 3 Nov 2018 7:09

Tgt Ion:240 Resp: 133665
Ion Ratio Lower Upper
240 100
120 12.0 8.3 12.5
236 26.0 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: 123.048 ng

RT: 13.07 min Scan# 1868

Delta R.T. 0.00 min

Lab File: BF110444.D

Acq: 3 Nov 2018 7:09

Instrument :

BNA_F

ClientSampled :

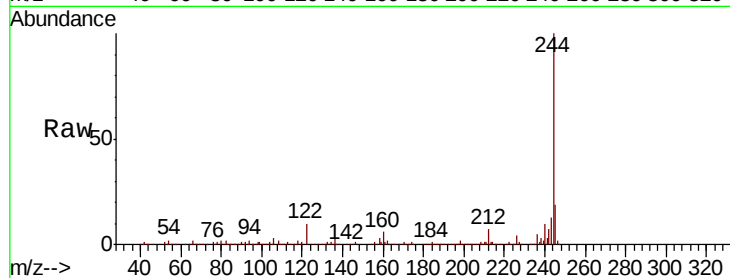
Tot Ion:244 Resp: 790844

Ion Ratio Lower Upper

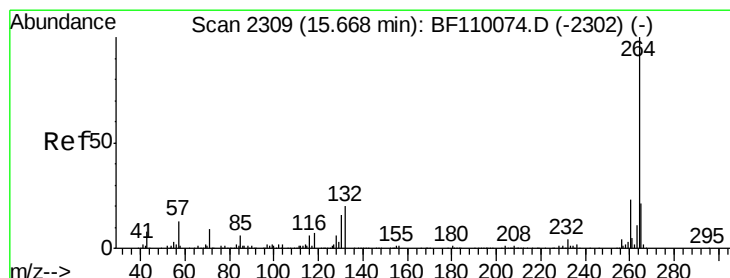
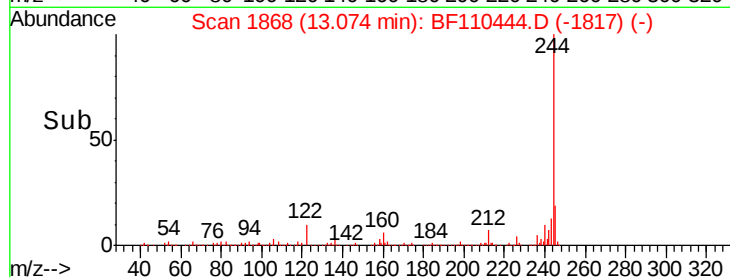
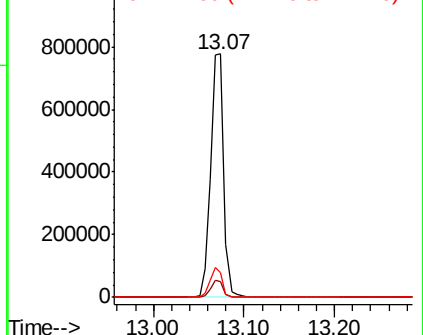
244 100

212 6.7 5.8 8.8

122 10.1 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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2308

Delta R.T. 0.01 min

Lab File: BF110444.D

Acq: 3 Nov 2018 7:09

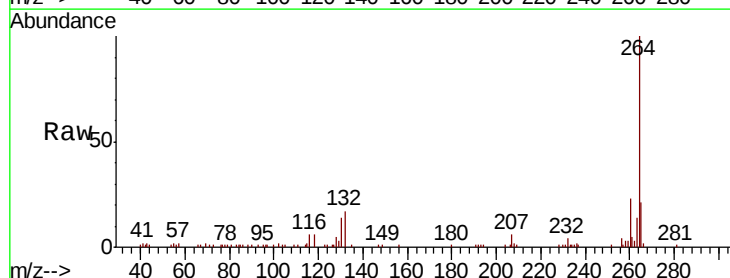
Tgt Ion:264 Resp: 95096

Ion Ratio Lower Upper

264 100

260 22.7 18.7 28.1

265 21.4 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

