

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032419\
 Data File : BF113264.D
 Acq On : 24 Mar 2019 13:26
 Operator : JU/SJ
 Sample : K2058-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S3B(5-15)COMP

Quant Time: Mar 25 04:18:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

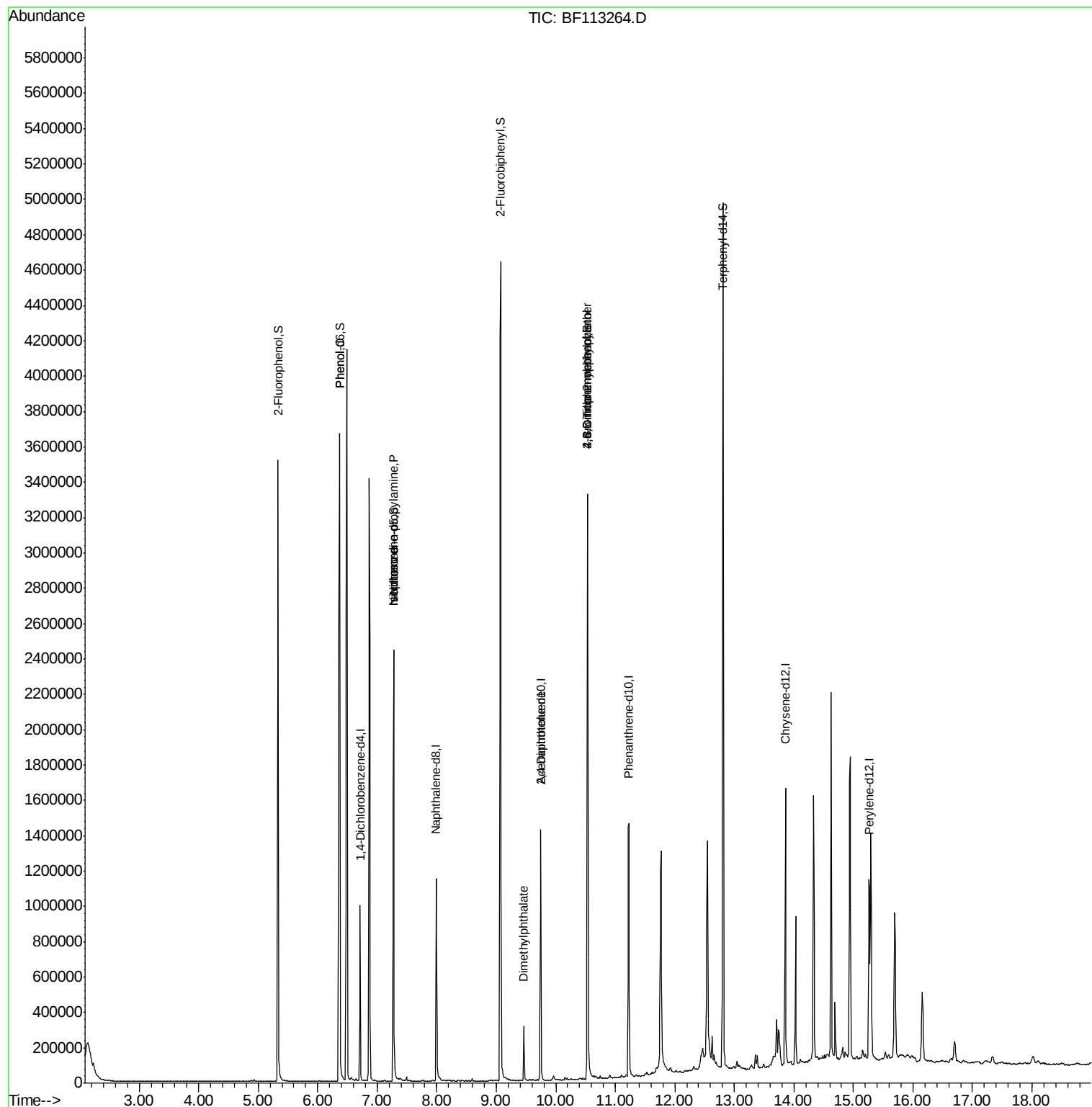
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	150307	20.00	ng	-0.02
21) Naphthalene-d8	7.99	136	572918	20.00	ng	-0.02
39) Acenaphthene-d10	9.75	164	289865	20.00	ng	-0.02
64) Phenanthrene-d10	11.23	188	620913	20.00	ng	-0.02
76) Chrysene-d12	13.86	240	591339	20.00	ng	-0.01
87) Perylene-d12	15.26	264	493508	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1158278	119.87	ng	-0.01
7) Phenol-d6	6.37	99	1589232	130.93	ng	0.00
23) Nitrobenzene-d5	7.27	82	926085	96.72	ng	-0.02
42) 2,4,6-Tribromophenol	10.54	330	541095	175.84	ng	-0.01
45) 2-Fluorobiphenyl	9.07	172	1646844	98.10	ng	-0.02
79) Terphenyl-d14	12.81	244	2013212	66.00	ng	-0.01
Target Compounds						
10) Phenol	6.37	94	105347	7.438	ng	99
19) n-Nitroso-di-n-propylamine	7.27	70	122414	15.924	ng	# 76
25) Isophorone	7.27	82	926074	44.897	ng	# 66
50) Dimethylphthalate	9.46	163	134959	6.314	ng	99
57) 2,4-Dinitrotoluene	9.75	165	37087	6.704	ng	# 18
65) 4,6-Dinitro-2-methylphenol	10.53	198	754	4.880	ng	# 1
67) 4-Bromophenyl-phenylether	10.54	248	29913	4.574	ng	# 1

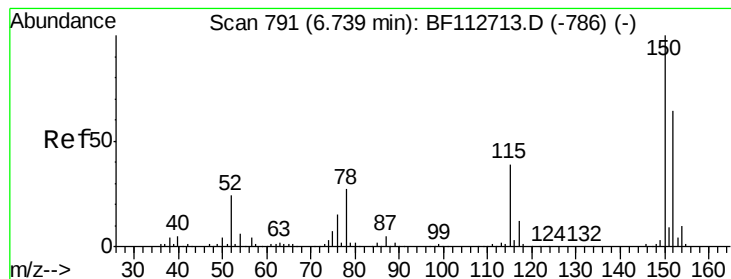
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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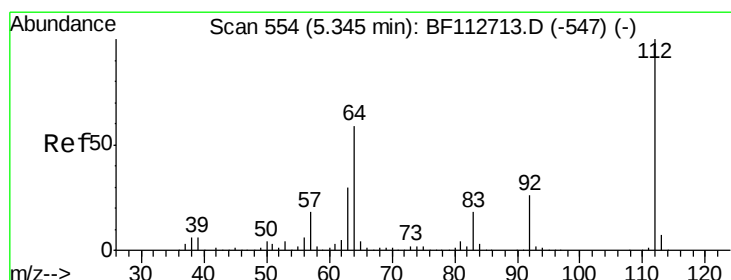
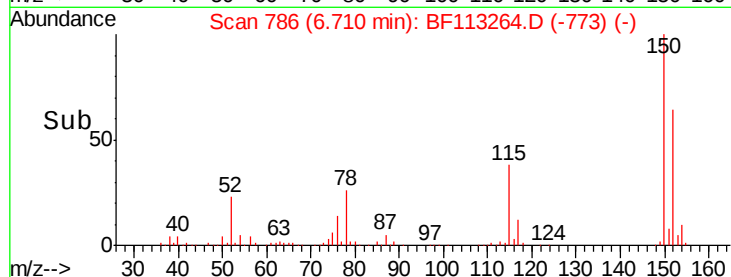
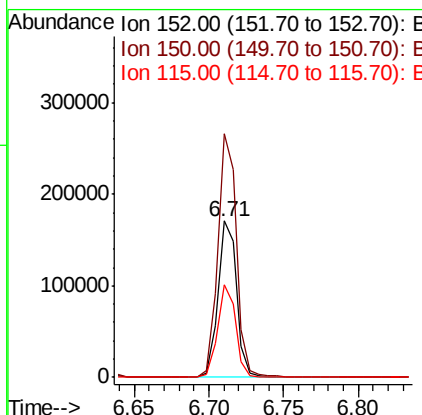
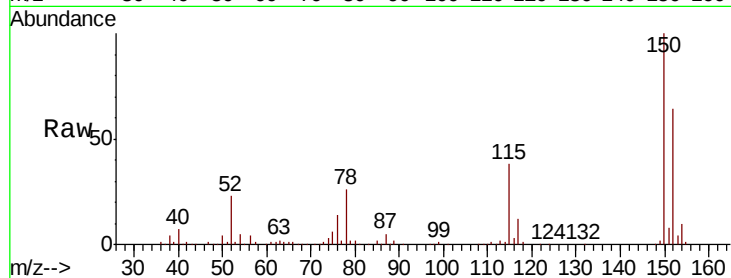




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.02 min
 Lab File: BF113264.D
 Acq: 24 Mar 2019 13:26

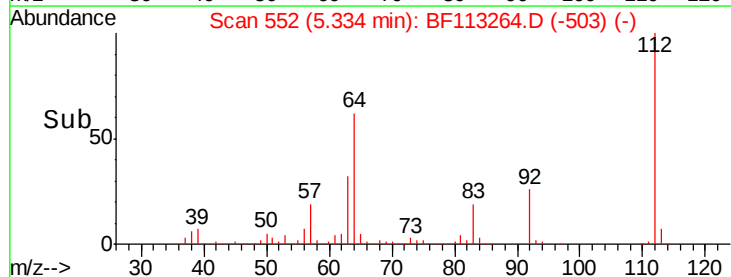
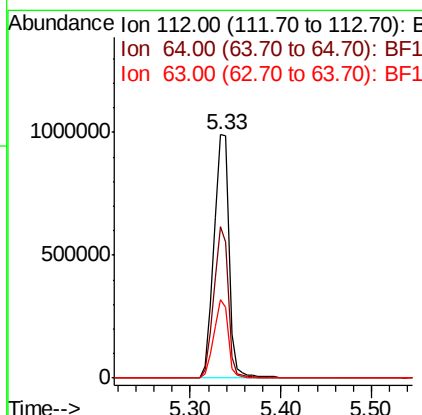
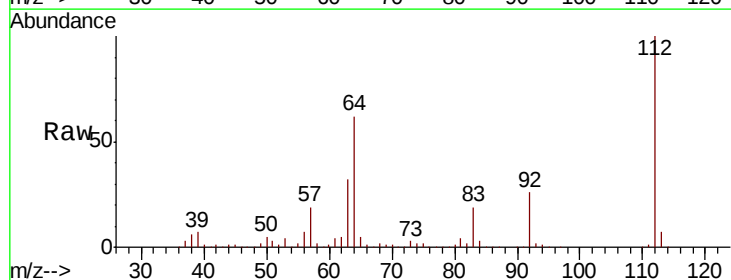
Instrument :
 BNA_F
 ClientSampleId :
 S3B(5-15)COMP

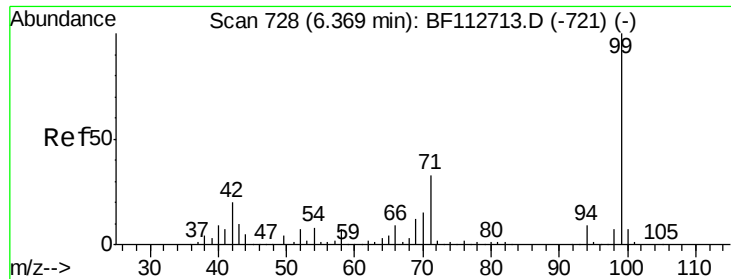
Tgt Ion:152 Resp: 150307
 Ion Ratio Lower Upper
 152 100
 150 155.7 124.2 186.2
 115 59.3 48.2 72.4



#5
 2-Fluorophenol
 Concen: 119.871 ng
 RT: 5.33 min Scan# 552
 Delta R.T. -0.01 min
 Lab File: BF113264.D
 Acq: 24 Mar 2019 13:26

Tgt Ion:112 Resp: 1158278
 Ion Ratio Lower Upper
 112 100
 64 62.4 47.6 71.4
 63 32.0 24.4 36.6





#7

Phenol-d6

Concen: 130.931 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF113264.D

Acq: 24 Mar 2019 13:26

Instrument :

BNA_F

ClientSampleId :

S3B(5-15)COMP

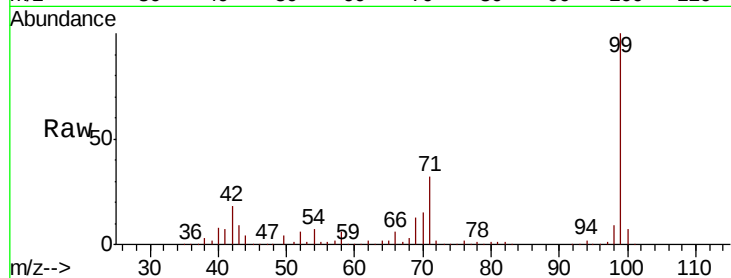
Tgt Ion: 99 Resp: 1589232

Ion Ratio Lower Upper

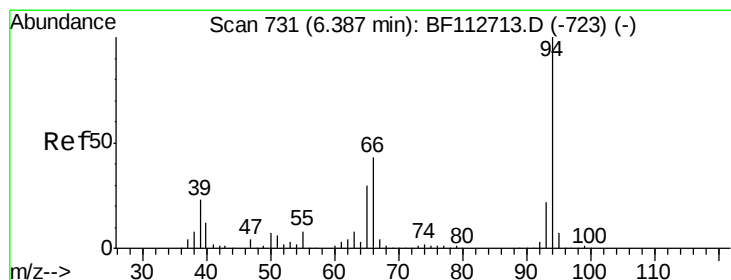
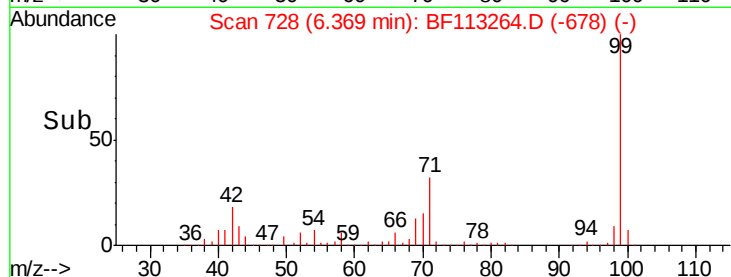
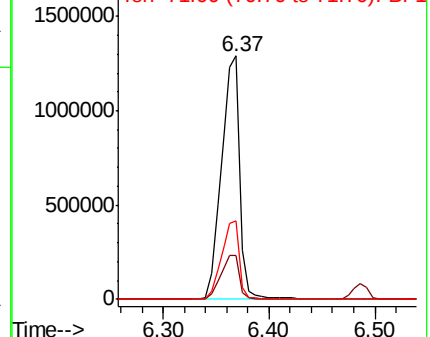
99 100

42 18.3 16.3 24.5

71 32.1 26.2 39.4



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: 7.438 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF113264.D

Acq: 24 Mar 2019 13:26

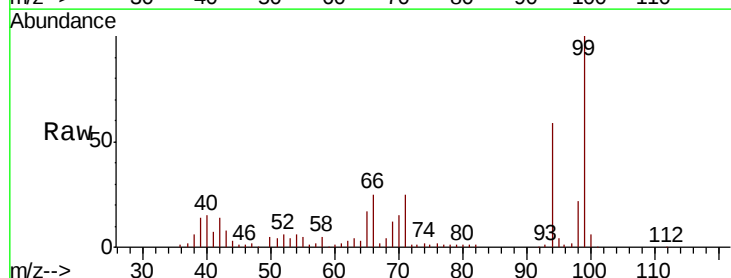
Tgt Ion: 94 Resp: 105347

Ion Ratio Lower Upper

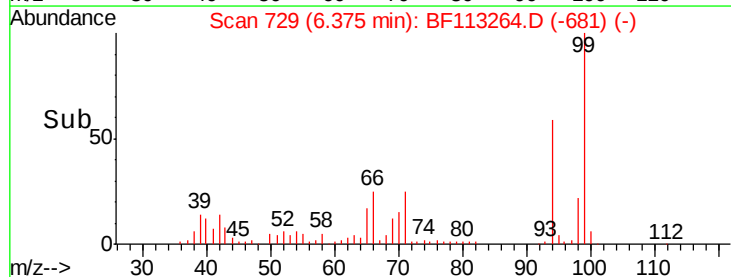
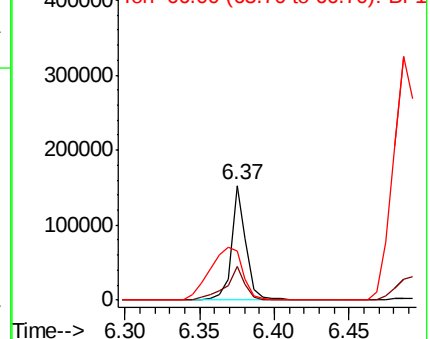
94 100

65 29.1 10.5 50.5

66 42.9 22.6 62.6



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

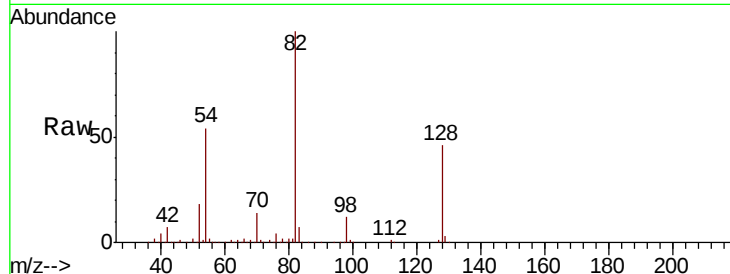




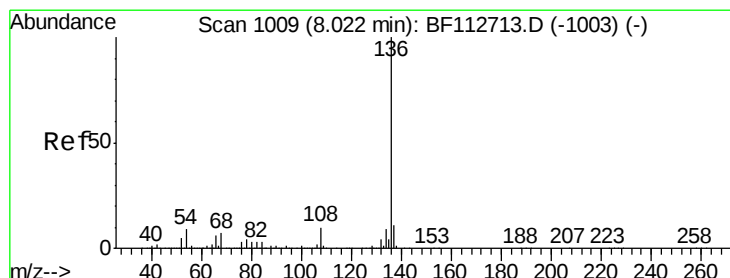
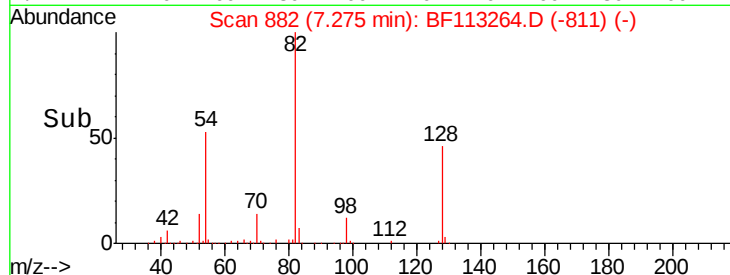
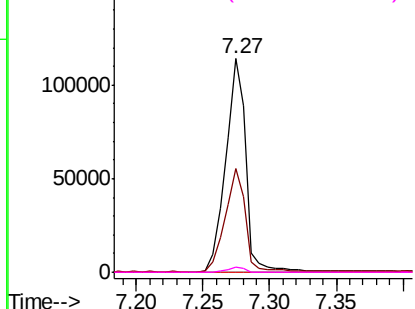
#19
n-Nitroso-di-n-propylamine
Concen: 15.924 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.12 min
Lab File: BF113264.D
Acq: 24 Mar 2019 13:26

Instrument :
BNA_F
ClientSampleId :
S3B(5-15)COMP

Tgt Ion: 70 Resp: 122414
Ion Ratio Lower Upper
70 100
42 48.3 49.9 74.9#
101 0.0 7.4 11.2#
130 2.2 17.4 26.2#

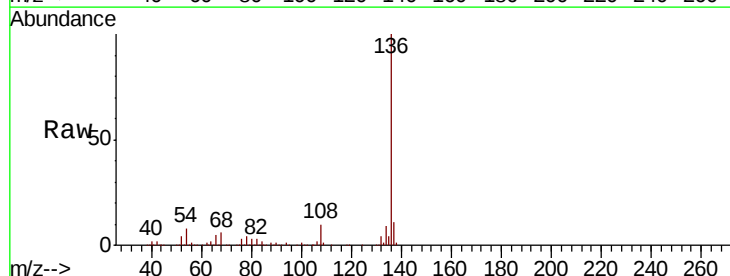


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

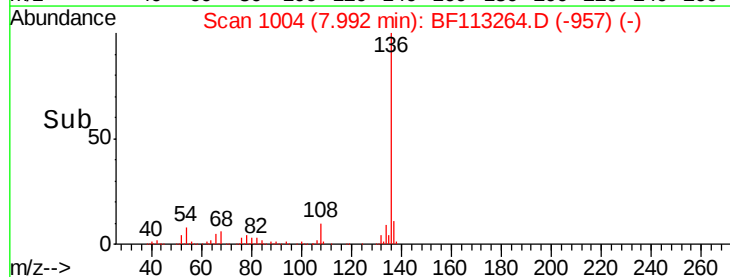
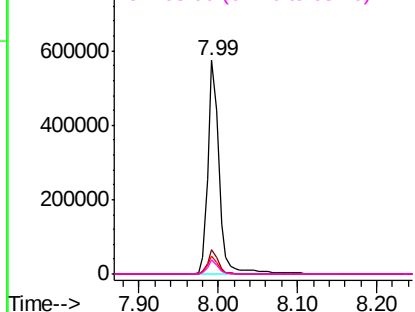


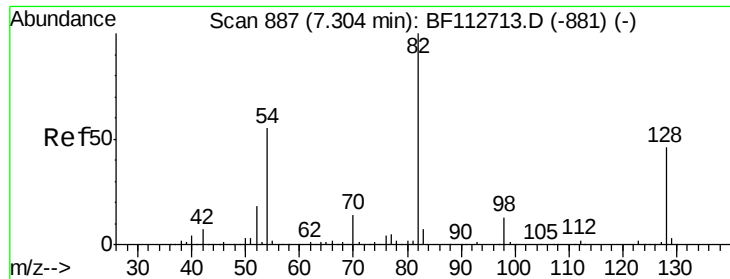
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF113264.D
Acq: 24 Mar 2019 13:26

Tgt Ion: 136 Resp: 572918
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 8.3 7.3 10.9
68 6.4 5.4 8.2



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

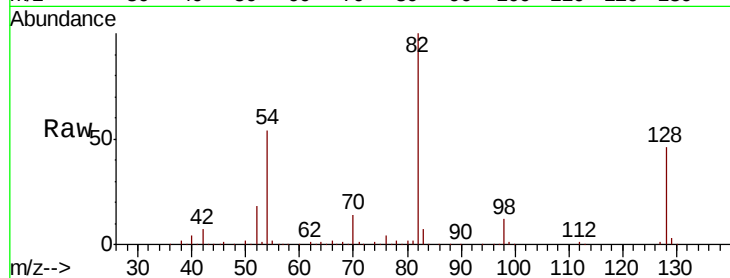




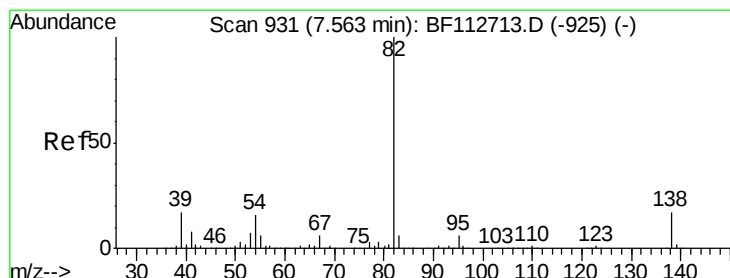
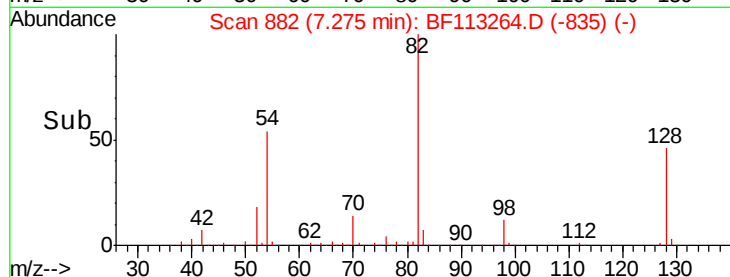
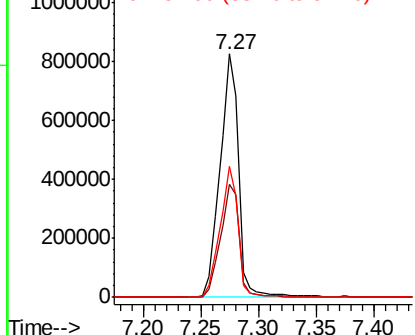
#23
Nitrobenzene-d5
Concen: 96.724 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF113264.D
Acq: 24 Mar 2019 13:26

Instrument :
BNA_F
ClientSampleId :
S3B(5-15)COMP

Tgt Ion: 82 Resp: 926085
Ion Ratio Lower Upper
82 100
128 46.4 36.3 54.5
54 53.7 43.7 65.5

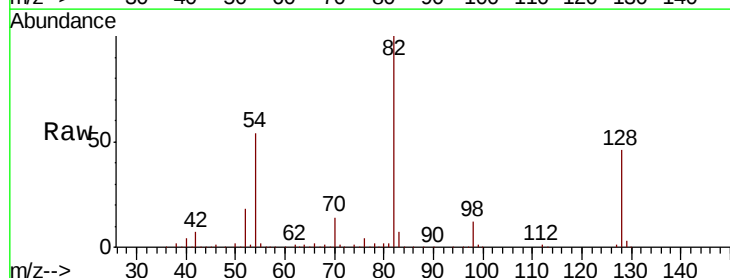


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

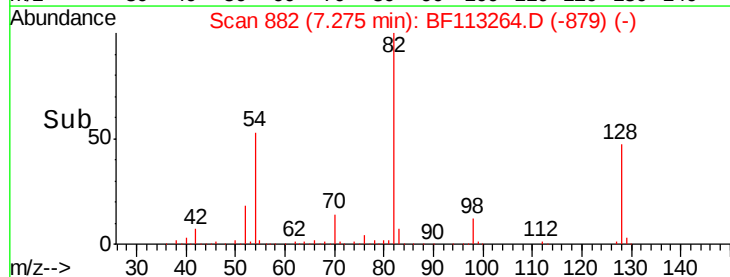
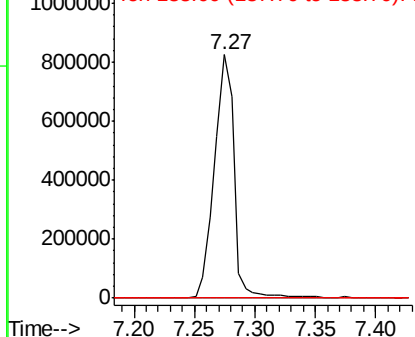


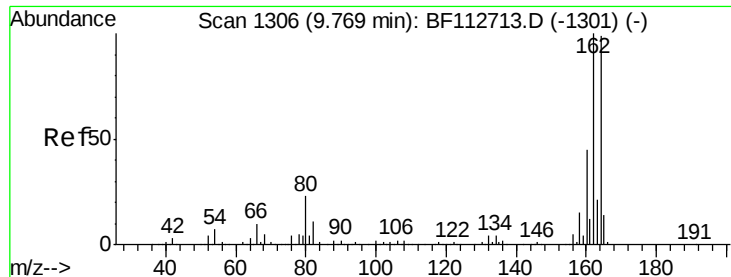
#25
Isophorone
Concen: 44.897 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.28 min
Lab File: BF113264.D
Acq: 24 Mar 2019 13:26

Tgt Ion: 82 Resp: 926074
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 13.8 20.8#



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

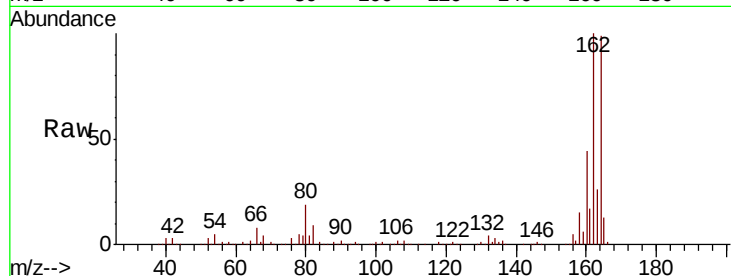




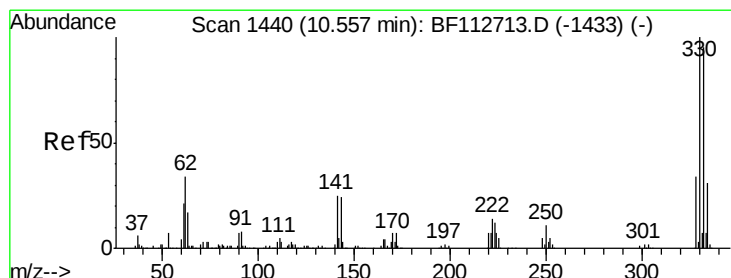
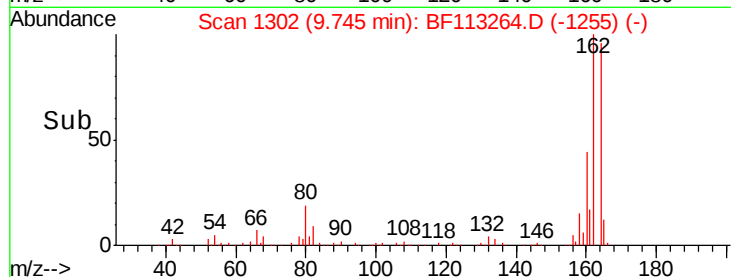
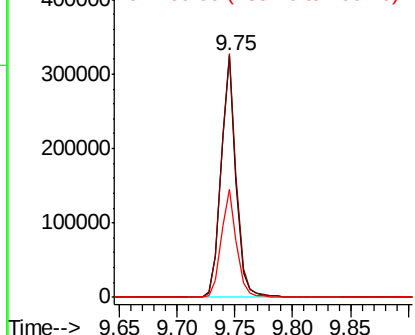
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.02 min
Lab File: BF113264.D
Acq: 24 Mar 2019 13:26

Instrument :
BNA_F
ClientSampleId :
S3B(5-15)COMP

Tgt Ion:164 Resp: 289865
Ion Ratio Lower Upper
164 100
162 101.0 80.6 120.8
160 44.6 36.0 54.0

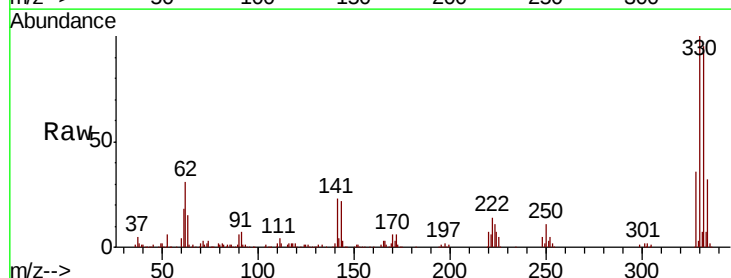


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

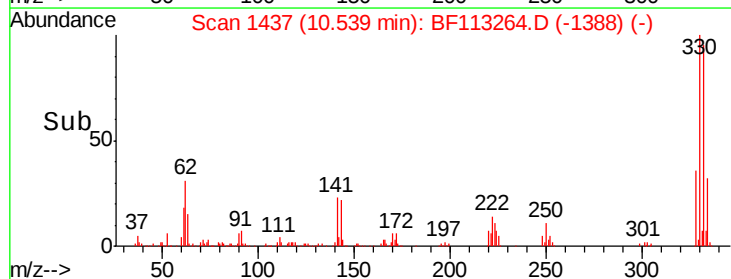
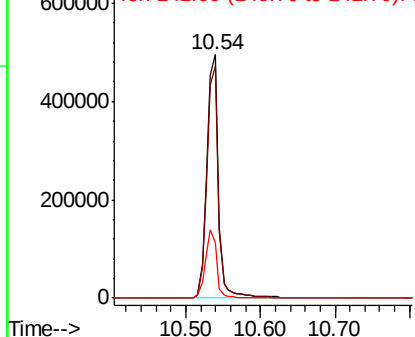


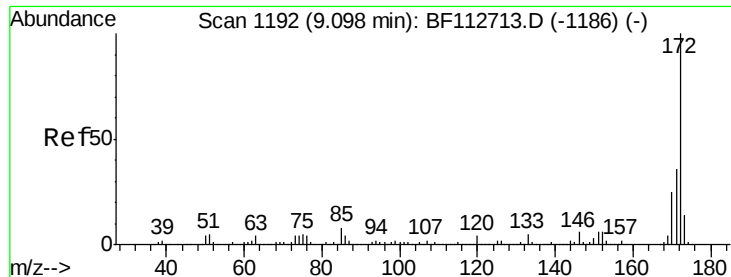
#42
2,4,6-Tribromophenol
Concen: 175.835 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF113264.D
Acq: 24 Mar 2019 13:26

Tgt Ion:330 Resp: 541095
Ion Ratio Lower Upper
330 100
332 95.3 76.2 114.4
141 27.9 27.0 40.6



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

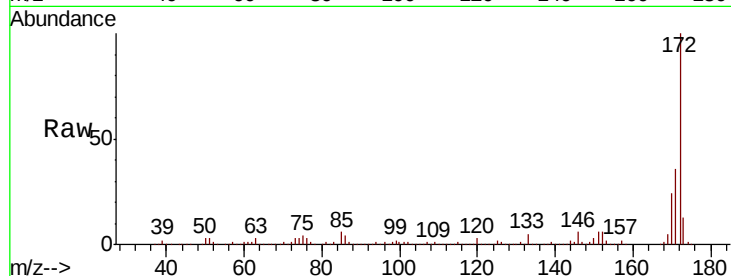




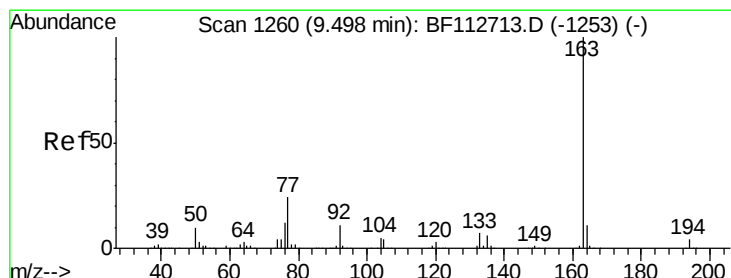
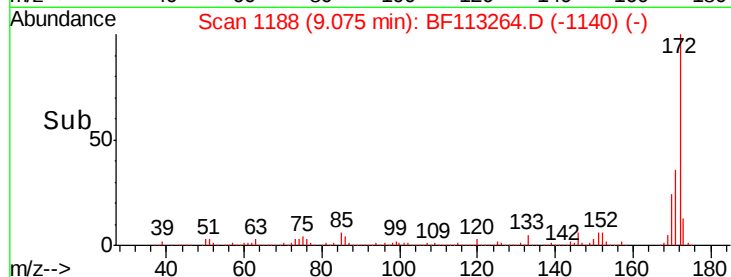
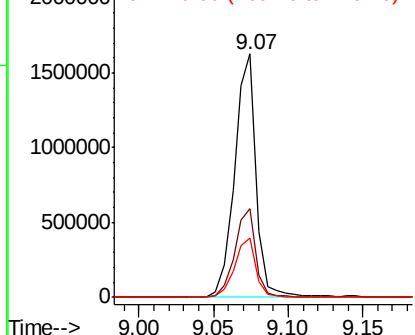
#45
 2-Fluorobiphenyl
 Concen: 98.097 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.02 min
 Lab File: BF113264.D
 Acq: 24 Mar 2019 13:26

Instrument :
 BNA_F
 ClientSampleId :
 S3B(5-15)COMP

Tgt Ion:172 Resp: 1646844
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.0 43.4
 170 24.4 20.0 30.0

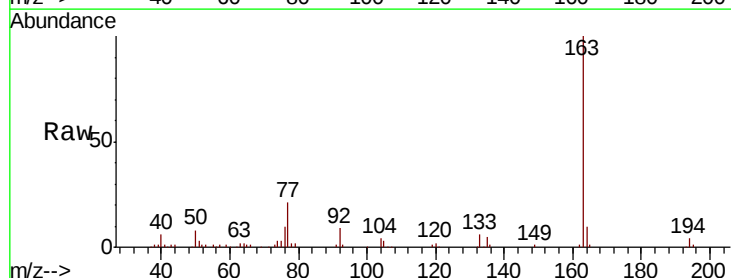


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

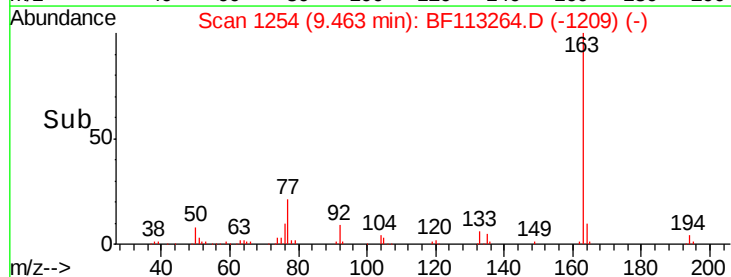
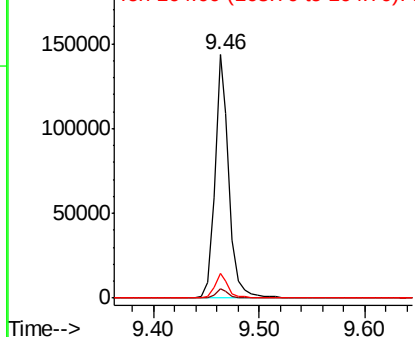


#50
 Dimethylphthalate
 Concen: 6.314 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.04 min
 Lab File: BF113264.D
 Acq: 24 Mar 2019 13:26

Tgt Ion:163 Resp: 134959
 Ion Ratio Lower Upper
 163 100
 194 3.8 3.0 4.4
 164 10.2 8.4 12.6



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

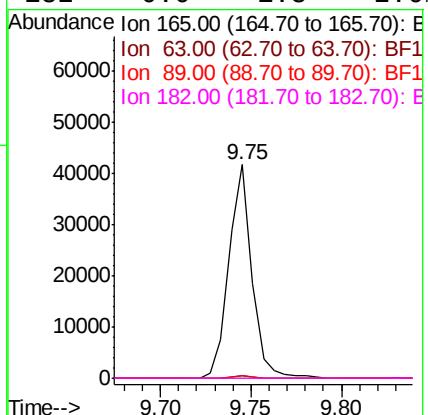
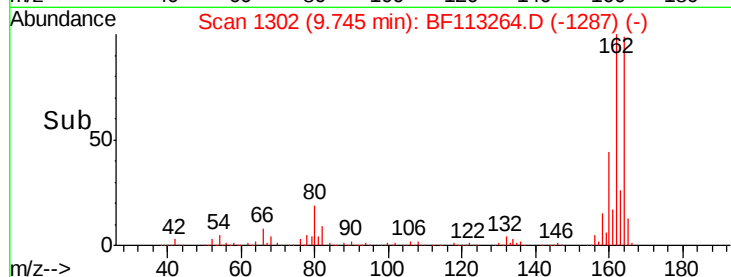
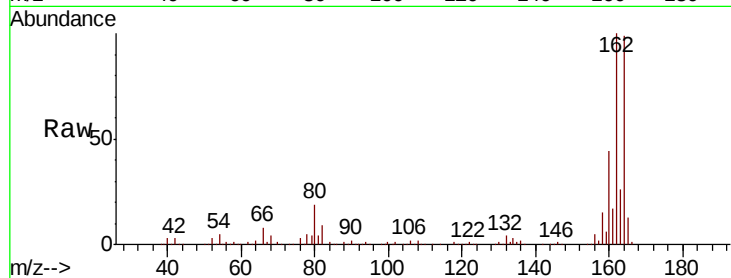




#57
2,4-Dinitrotoluene
Concen: 6.704 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.21 min
Lab File: BF113264.D
Acq: 24 Mar 2019 13:26

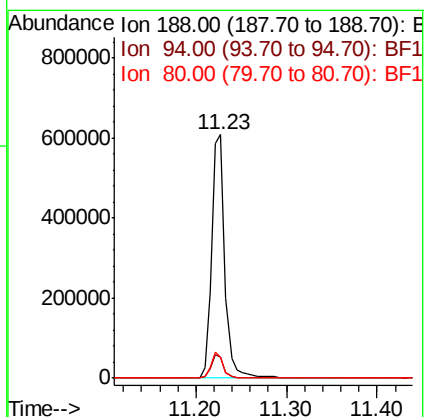
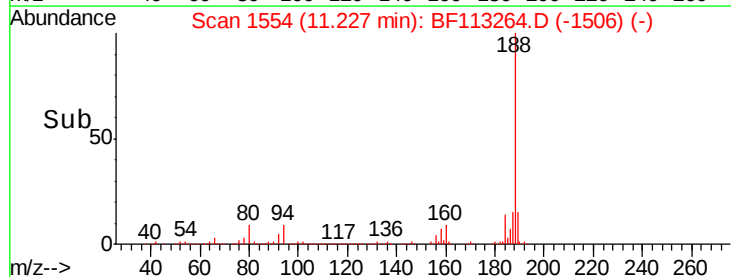
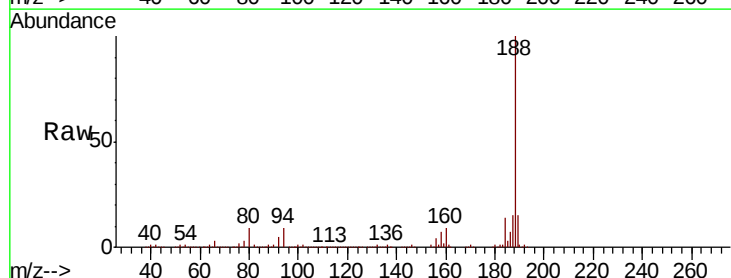
Instrument :
BNA_F
ClientSampleId :
S3B(5-15)COMP

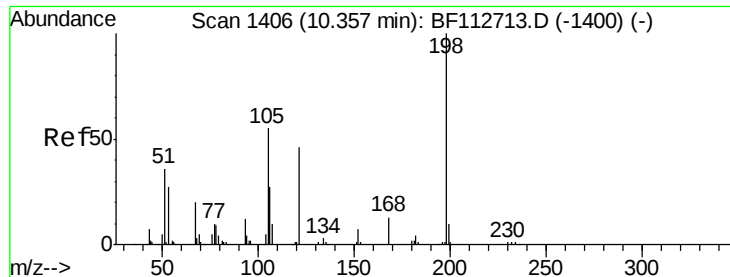
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	42.2	63.2#
89	1.5	66.2	99.4#
182	0.0	1.8	2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.02 min
Lab File: BF113264.D
Acq: 24 Mar 2019 13:26

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	9.0	13.4#
80	8.8	9.2	13.8#

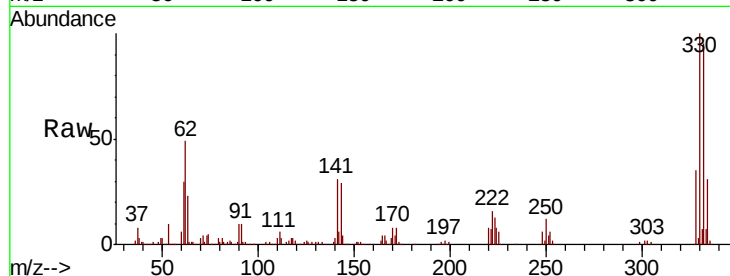




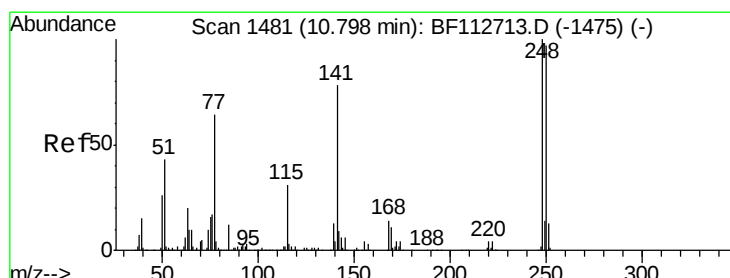
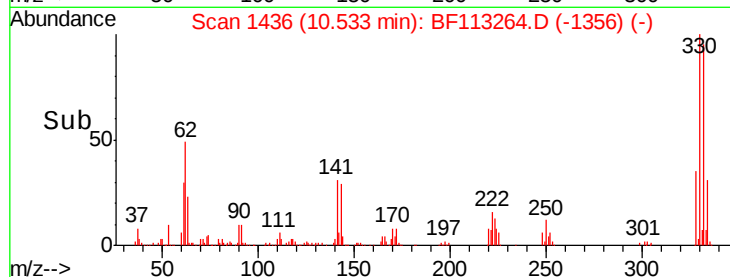
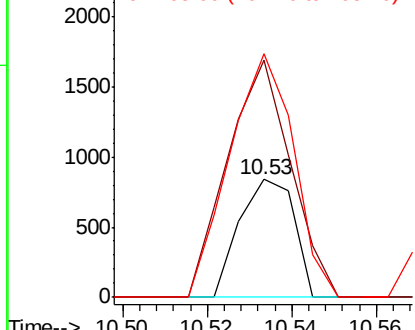
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.880 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. 0.17 min
 Lab File: BF113264.D
 Acq: 24 Mar 2019 13:26

Instrument :
 BNA_F
 ClientSampleId :
 S3B(5-15)COMP

Tgt Ion:198 Resp: 754
 Ion Ratio Lower Upper
 198 100
 51 201.1 43.8 83.8#
 105 206.7 36.5 76.5#

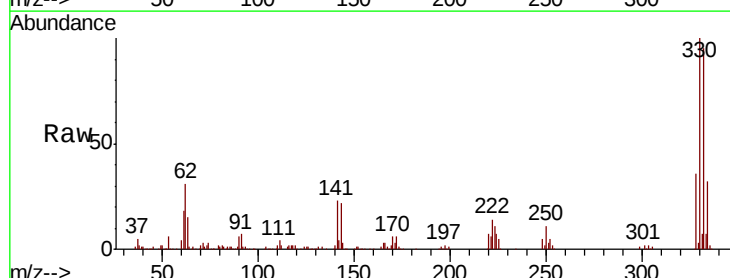


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

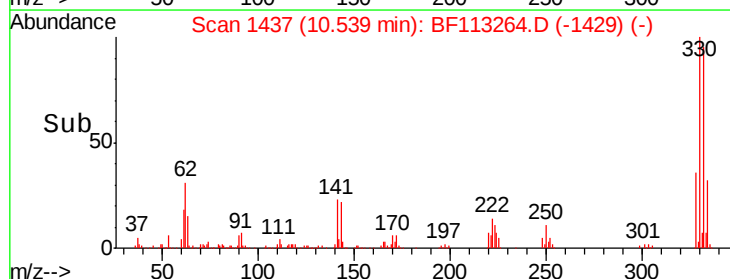
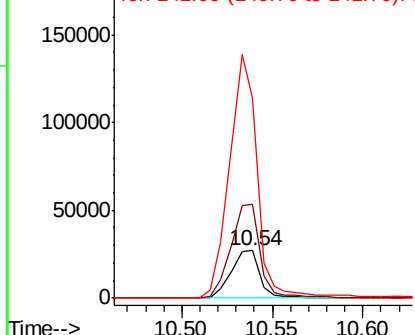


#67
 4-Bromophenyl-phenylether
 Concen: 4.574 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.25 min
 Lab File: BF113264.D
 Acq: 24 Mar 2019 13:26

Tgt Ion:248 Resp: 29913
 Ion Ratio Lower Upper
 248 100
 250 198.8 77.5 116.3#
 141 420.4 62.4 93.6#



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

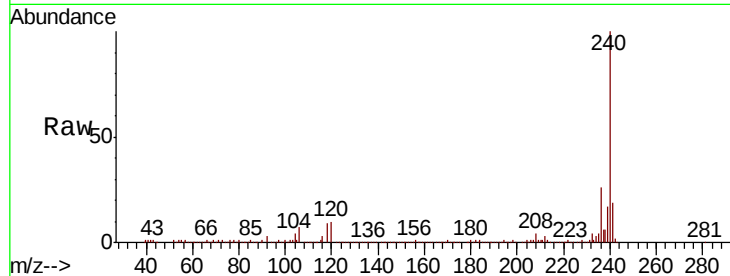




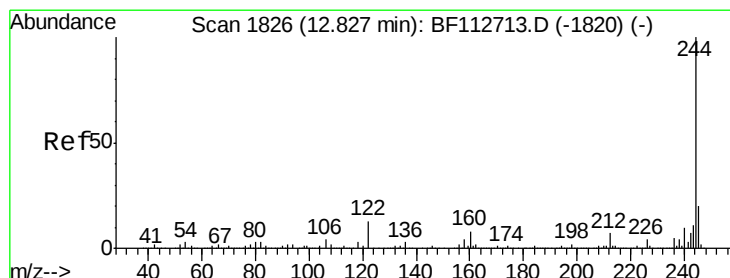
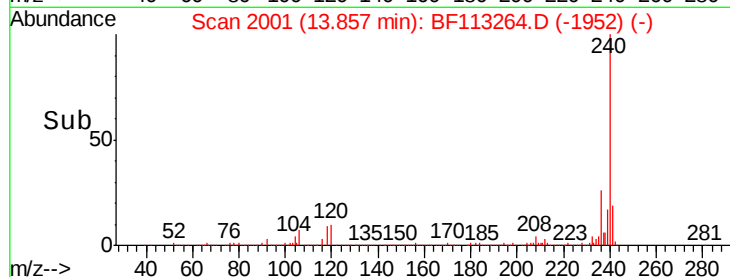
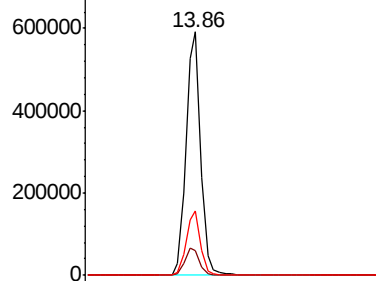
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF113264.D
Acq: 24 Mar 2019 13:26

Instrument :
BNA_F
ClientSampleId :
S3B(5-15)COMP

Tgt Ion:240 Resp: 591339
Ion Ratio Lower Upper
240 100
120 10.1 8.9 13.3
236 26.4 20.7 31.1

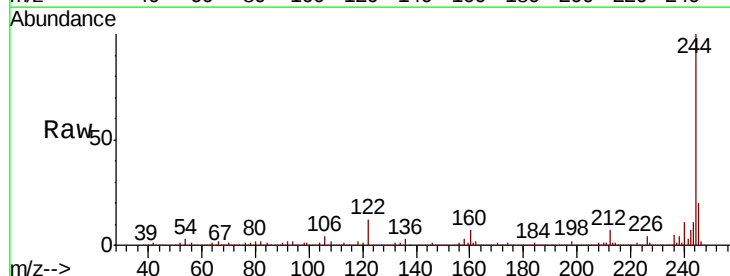


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

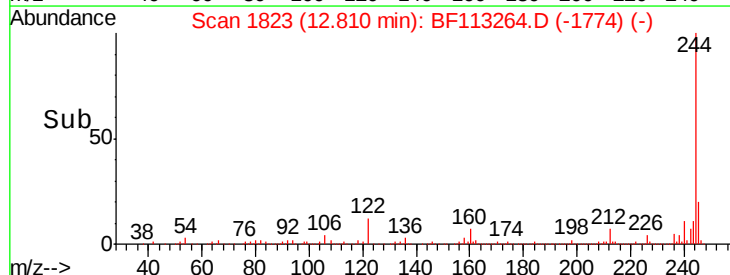
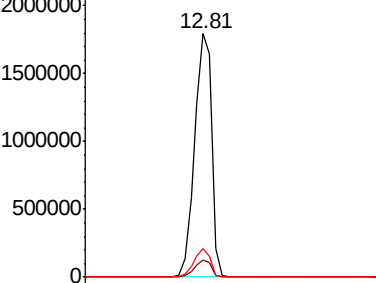


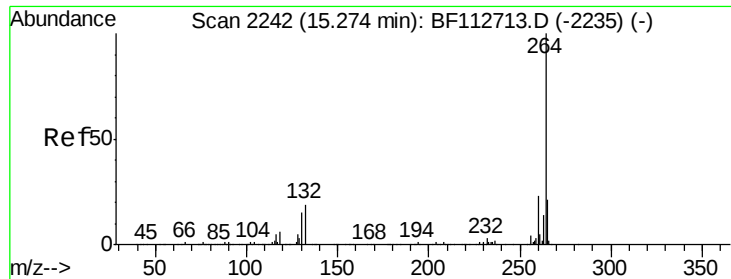
#79
Terphenyl-d14
Concen: 65.996 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF113264.D
Acq: 24 Mar 2019 13:26

Tgt Ion:244 Resp: 2013212
Ion Ratio Lower Upper
244 100
212 6.9 5.6 8.4
122 11.8 10.5 15.7



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: 15.26 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF113264.D
Acq: 24 Mar 2019 13:26

Instrument :
BNA_F
ClientSampleId :
S3B(5-15)COMP

Tgt Ion: 264 Resp: 493508
Ion Ratio Lower Upper
264 100
260 24.1 18.7 28.1
265 22.2 17.2 25.8

