

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012919\
 Data File : BF112303.D
 Acq On : 29 Jan 2019 18:57
 Operator : JU/SJ
 Sample : K1260-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-C05

Quant Time: Jan 30 00:10:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

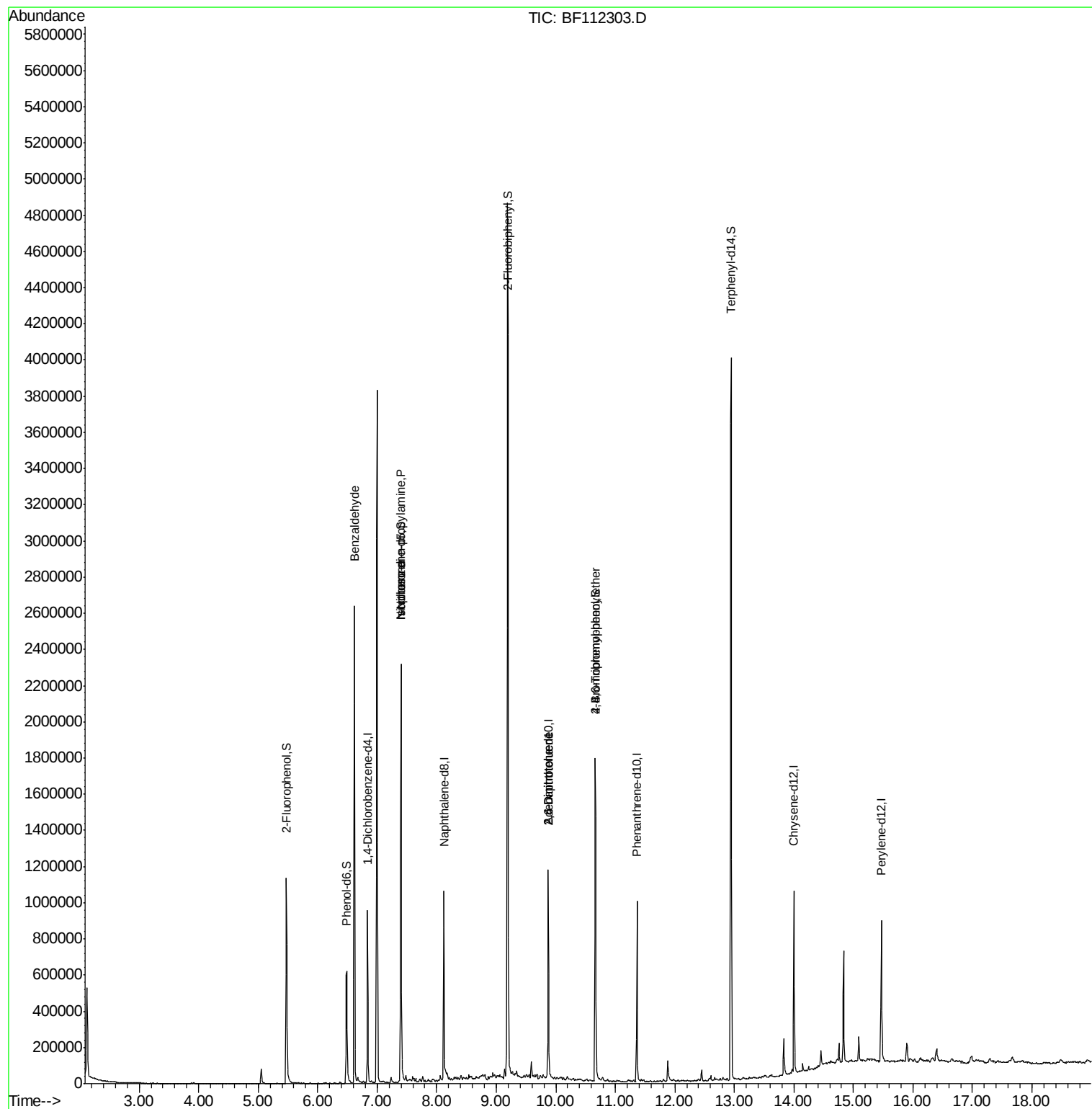
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	146653	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	515646	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	223322	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	392802	20.00	ng	0.00
76) Chrysene-d12	14.00	240	349989	20.00	ng	0.00
87) Perylene-d12	15.47	264	318753	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	351740	50.94	ng	0.00
7) Phenol-d6	6.49	99	255008	26.58	ng	0.00
23) Nitrobenzene-d5	7.40	82	880626	98.40	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	245066	94.28	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1677625	106.25	ng	-0.01
79) Terphenyl-d14	12.94	244	1407797	75.76	ng	0.00
Target Compounds						
9) Benzaldehyde	6.62	77	15940	3.179	ng	83
19) n-Nitroso-di-n-propylamine	7.40	70	116918	17.674	ng	# 78
25) Isophorone	7.40	82	873536	62.221	ng	# 64
51) 2,6-Dinitrotoluene	9.87	165	29373	7.559	ng	# 35
57) 2,4-Dinitrotoluene	9.87	165	29373	5.937	ng	# 32
67) 4-Bromophenyl-phenylether	10.66	248	14504	3.139	ng	# 1

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

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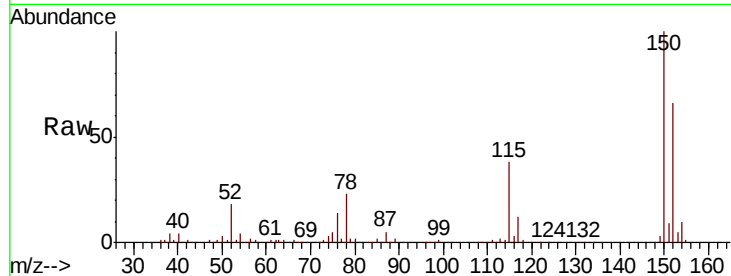


#1

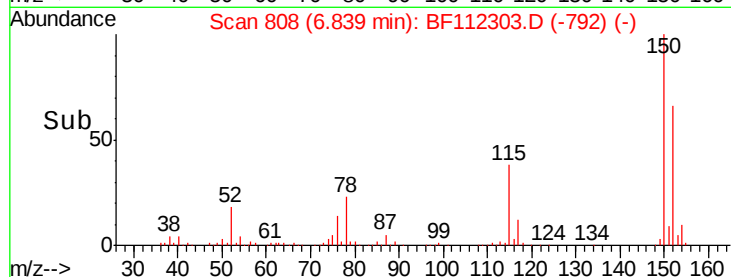
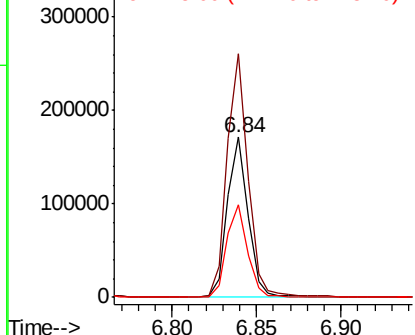
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF112303.D
 Acq: 29 Jan 2019 18:57

Instrument :
 BNA_F
 ClientSampleId :
 MH-C05

Tgt Ion:152 Resp: 146653
 Ion Ratio Lower Upper
 152 100
 150 152.1 127.4 191.0
 115 57.8 45.5 68.3



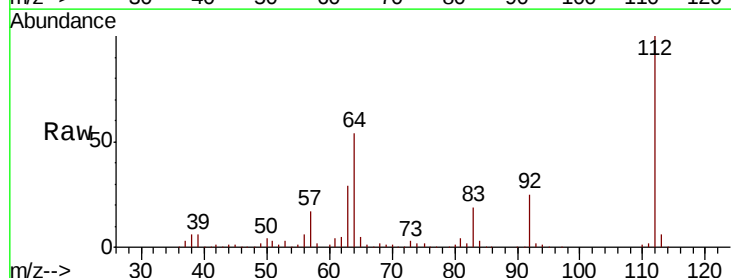
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



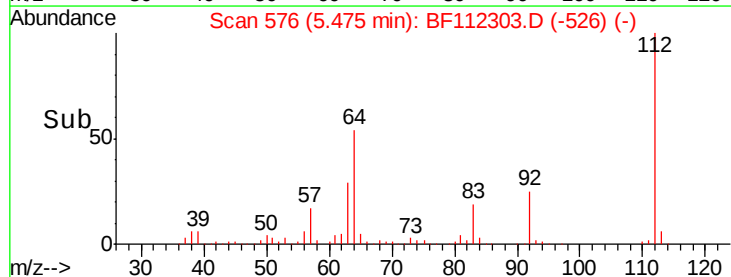
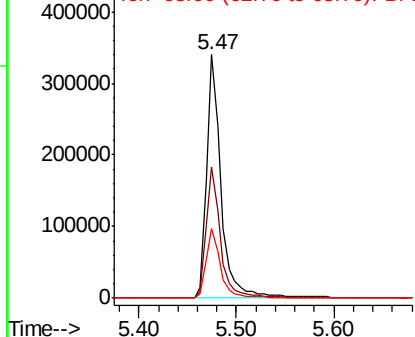
#5

2-Fluorophenol
 Concen: 50.945 ng
 RT: 5.47 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: BF112303.D
 Acq: 29 Jan 2019 18:57

Tgt Ion:112 Resp: 351740
 Ion Ratio Lower Upper
 112 100
 64 53.7 45.7 68.5
 63 28.8 23.6 35.4



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: 26.580 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112303.D

Acq: 29 Jan 2019 18:57

Instrument :

BNA_F

ClientSampleId :

MH-C05

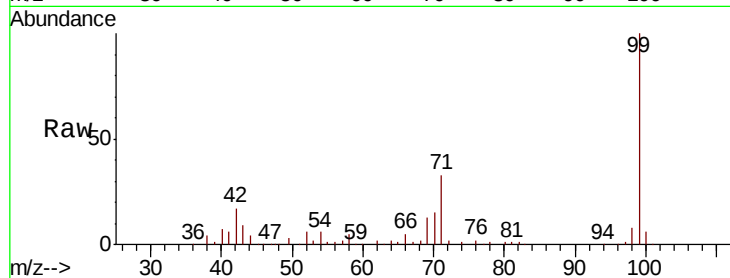
Tgt Ion: 99 Resp: 255008

Ion Ratio Lower Upper

99 100

42 17.3 15.1 22.7

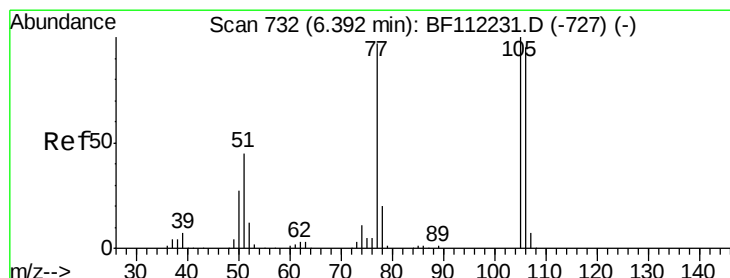
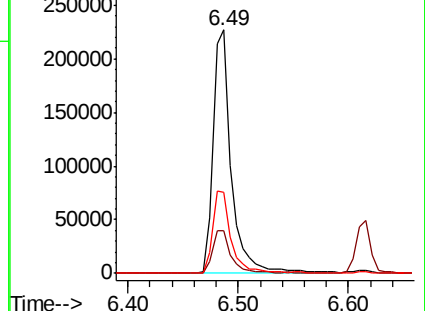
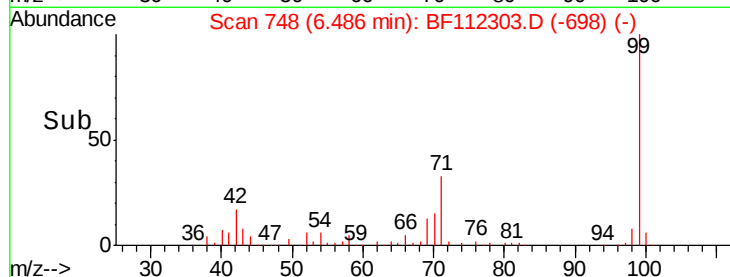
71 33.4 26.9 40.3



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



#9

Benzaldehyde

Concen: 3.179 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.22 min

Lab File: BF112303.D

Acq: 29 Jan 2019 18:57

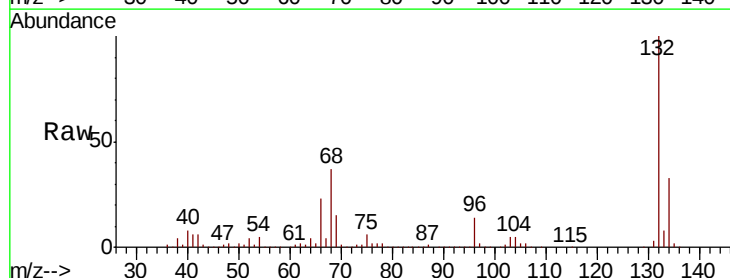
Tgt Ion: 77 Resp: 15940

Ion Ratio Lower Upper

77 100

105 87.7 80.8 120.8

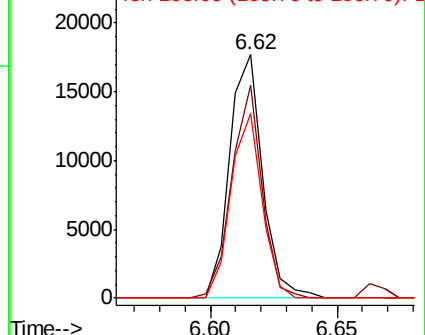
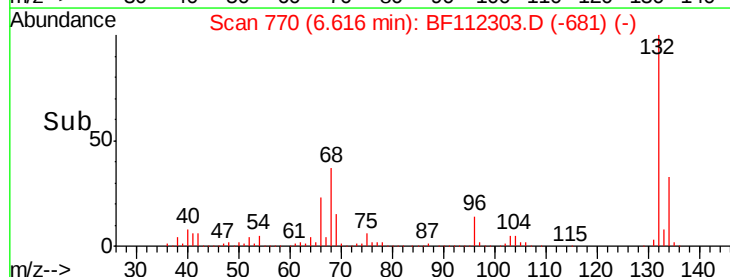
106 76.1 75.7 115.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

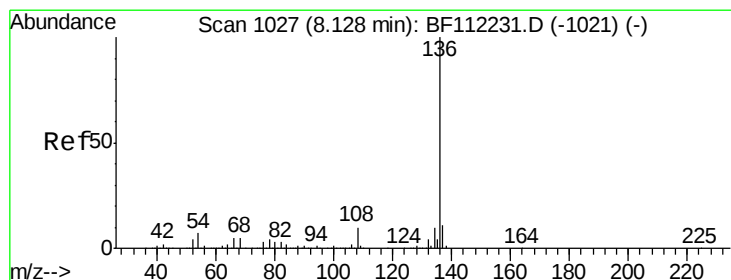
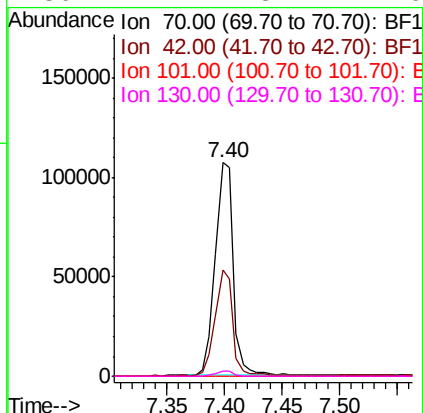
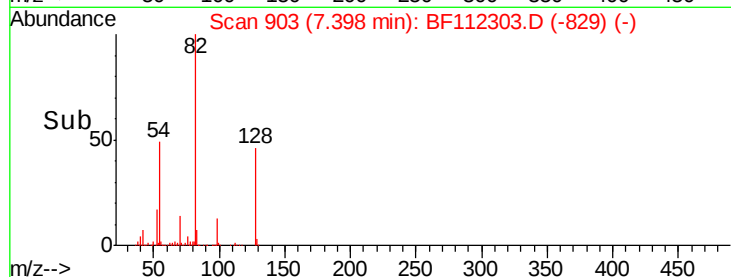
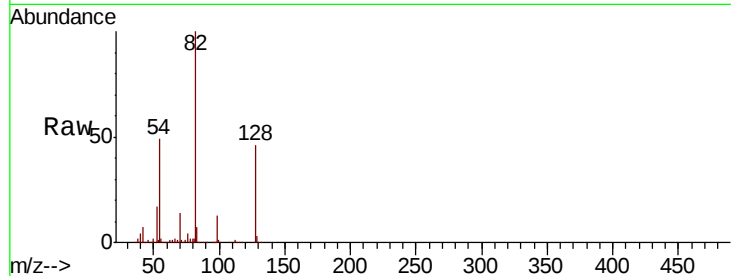




#19
n-Nitroso-di-n-propylamine
Concen: 17.674 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.14 min
Lab File: BF112303.D
Acq: 29 Jan 2019 18:57

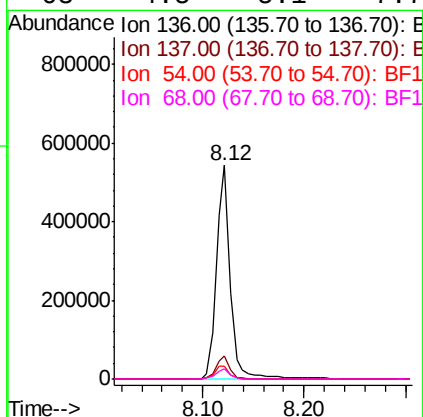
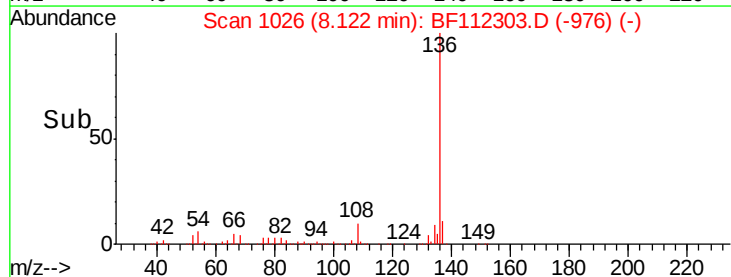
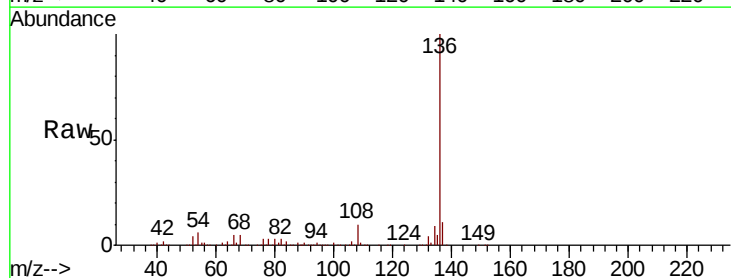
Instrument :
BNA_F
ClientSampleId :
MH-C05

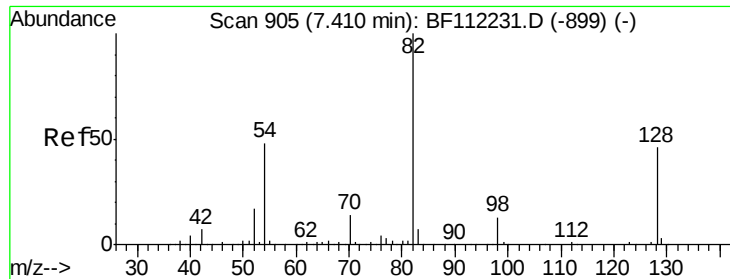
Tgt Ion: 70 Resp: 116918
Ion Ratio Lower Upper
70 100
42 49.8 47.6 71.4
101 0.0 7.9 11.9#
130 2.4 18.4 27.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF112303.D
Acq: 29 Jan 2019 18:57

Tgt Ion: 136 Resp: 515646
Ion Ratio Lower Upper
136 100
137 10.7 9.1 13.7
54 6.1 5.9 8.9
68 4.5 5.1 7.7#

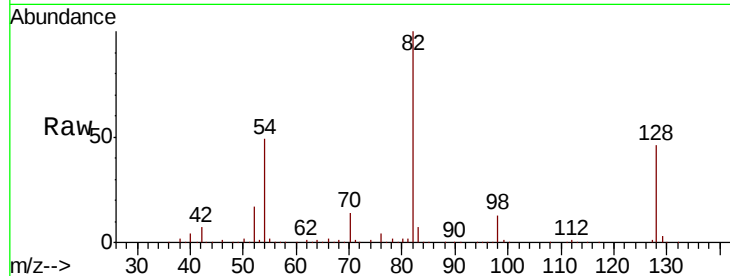




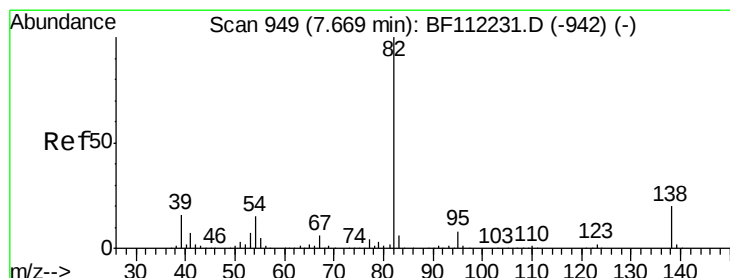
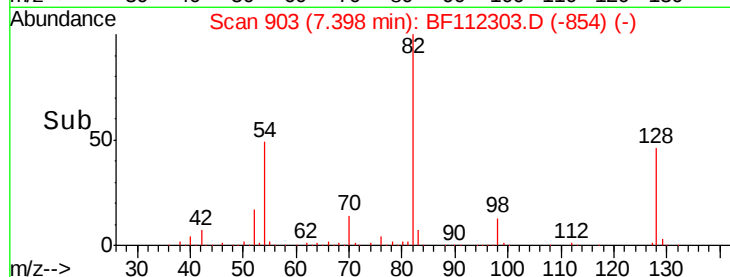
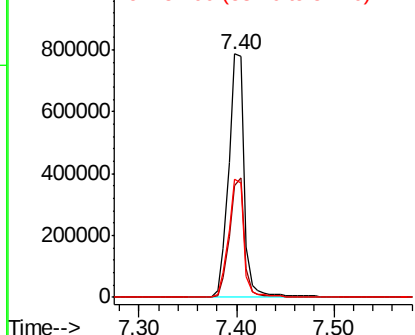
#23
Nitrobenzene-d5
Concen: 98.404 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112303.D
Acq: 29 Jan 2019 18:57

Instrument :
BNA_F
ClientSampleId :
MH-C05

Tgt Ion: 82 Resp: 880626
Ion Ratio Lower Upper
82 100
128 46.1 37.8 56.8
54 48.8 39.7 59.5

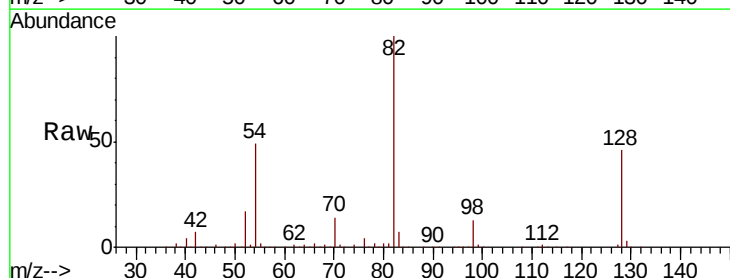


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

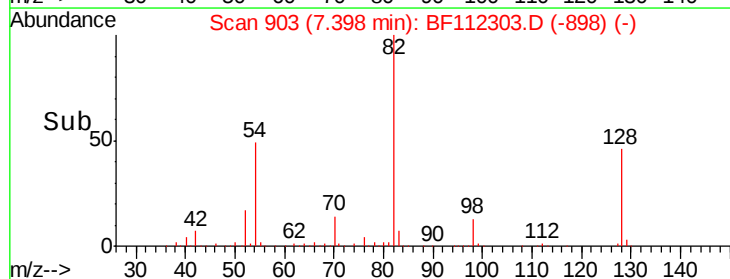
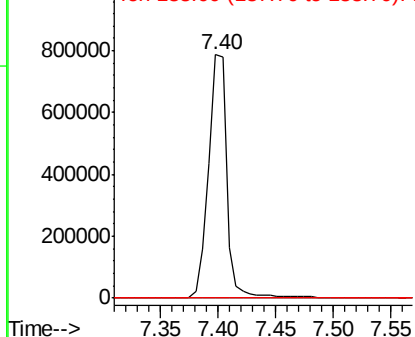


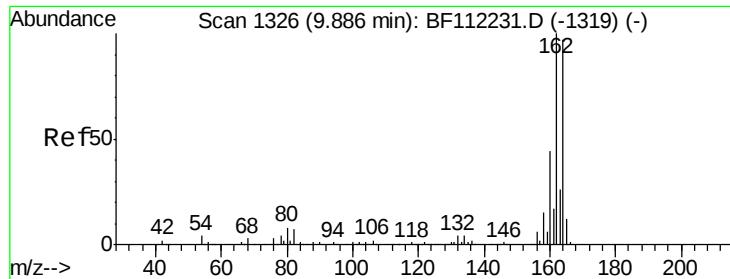
#25
Isophorone
Concen: 62.221 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.27 min
Lab File: BF112303.D
Acq: 29 Jan 2019 18:57

Tgt Ion: 82 Resp: 873536
Ion Ratio Lower Upper
82 100
95 0.1 5.7 8.5#
138 0.0 15.4 23.0#



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

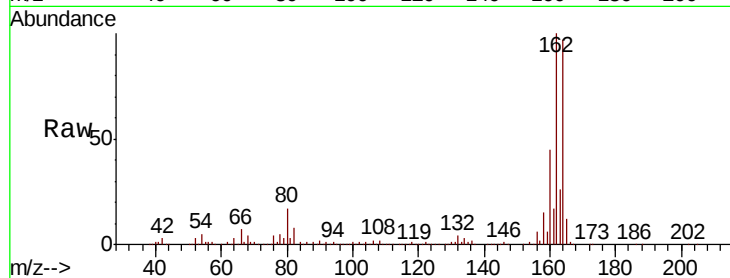




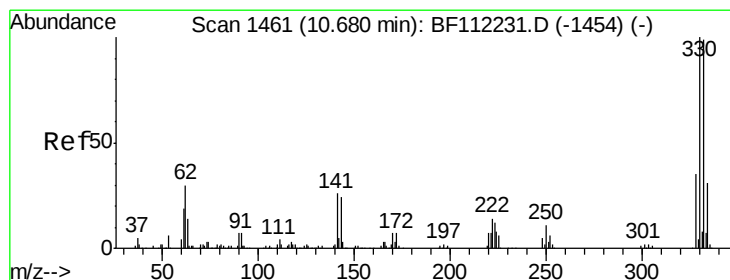
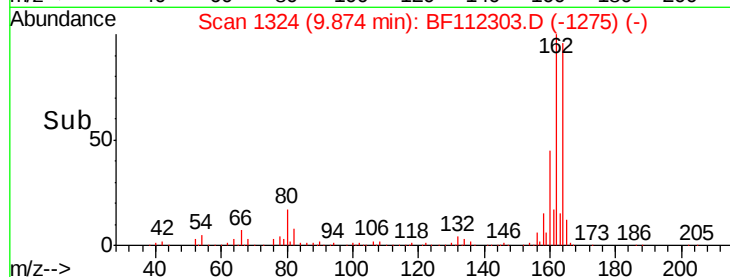
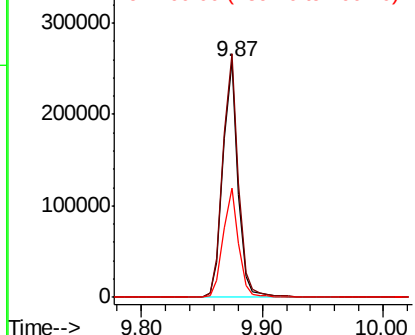
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF112303.D
 Acq: 29 Jan 2019 18:57

Instrument :
 BNA_F
 ClientSampleId :
 MH-C05

Tgt Ion:164 Resp: 223322
 Ion Ratio Lower Upper
 164 100
 162 103.4 82.2 123.4
 160 46.5 36.2 54.4

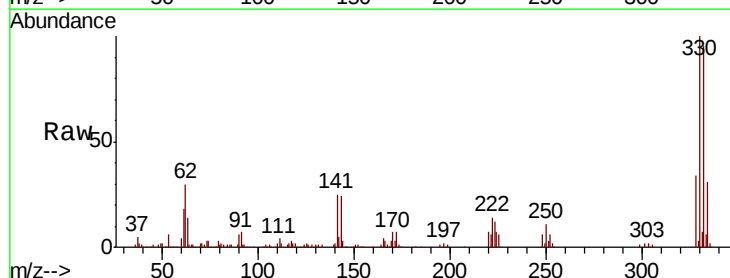


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

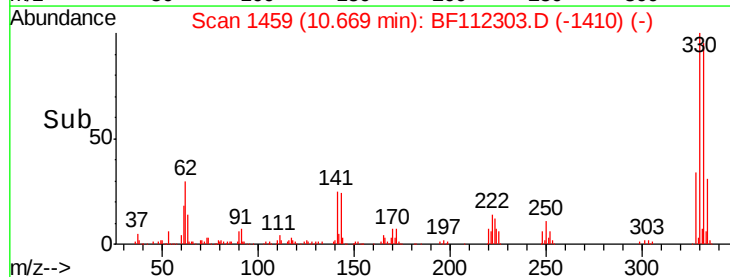
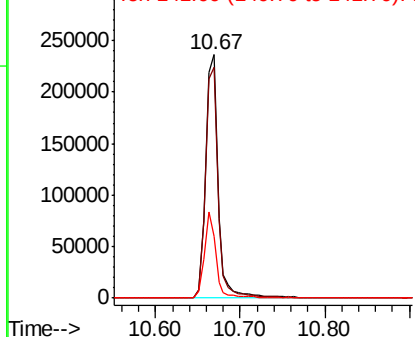


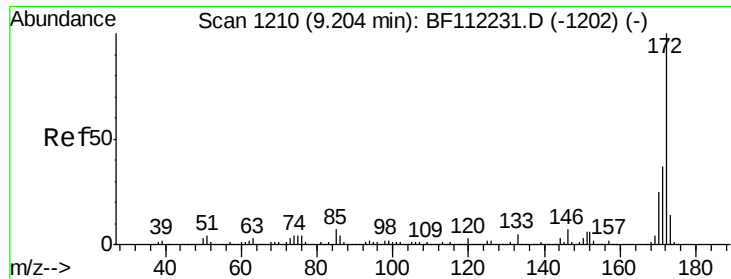
#42
 2,4,6-Tribromophenol
 Concen: 94.278 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF112303.D
 Acq: 29 Jan 2019 18:57

Tgt Ion:330 Resp: 245066
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.6 114.8
 141 32.4 24.3 36.5



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

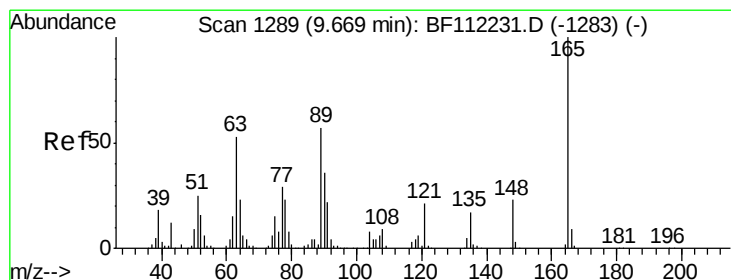
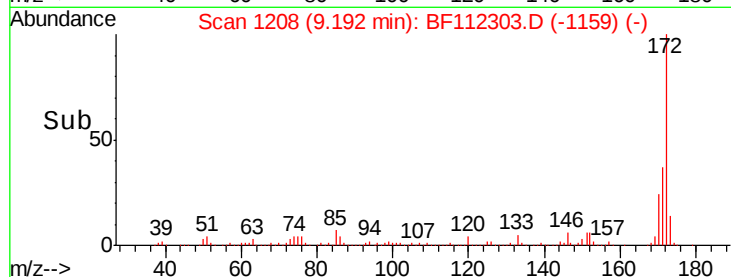
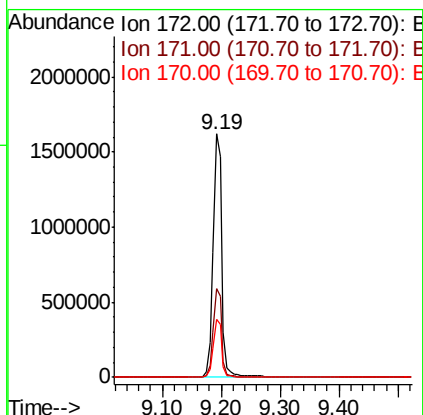
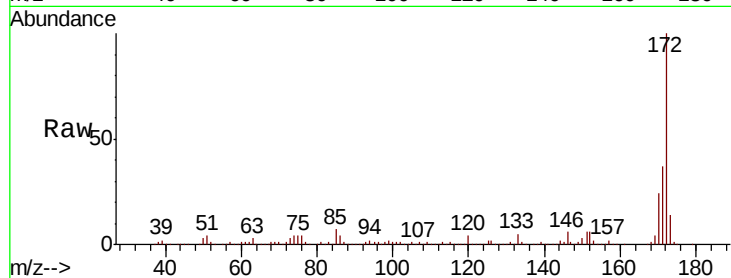




#45
 2-Fluorobiphenyl
 Concen: 106.247 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF112303.D
 Acq: 29 Jan 2019 18:57

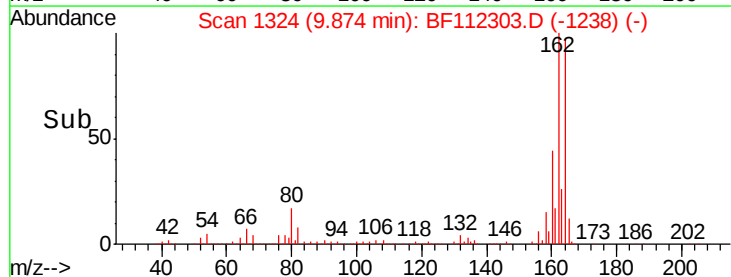
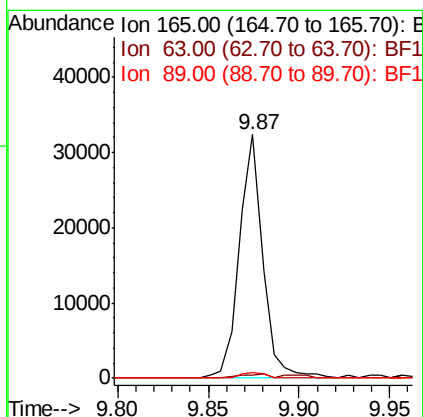
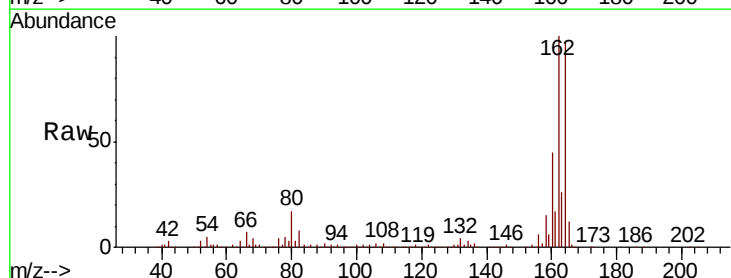
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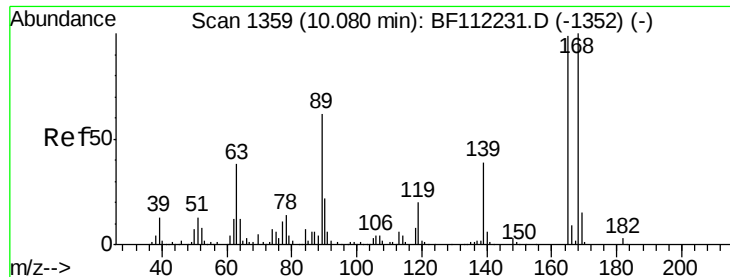
Tgt Ion:172 Resp: 1677625
 Ion Ratio Lower Upper
 172 100
 171 36.6 30.5 45.7
 170 24.0 20.2 30.4



#51
 2,6-Dinitrotoluene
 Concen: 7.559 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. 0.21 min
 Lab File: BF112303.D
 Acq: 29 Jan 2019 18:57

Tgt Ion:165 Resp: 29373
 Ion Ratio Lower Upper
 165 100
 63 1.5 33.8 50.8#
 89 2.2 36.9 55.3#

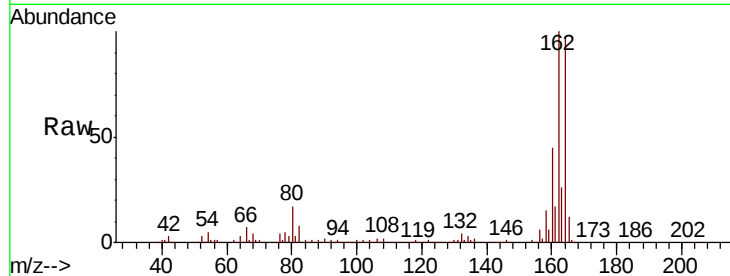




#57
2,4-Dinitrotoluene
Concen: 5.937 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.21 min
Lab File: BF112303.D
Acq: 29 Jan 2019 18:57

Instrument :
BNA_F
ClientSampleId :
MH-C05

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	27.9	41.9#
89	2.2	47.9	71.9#
182	0.0	2.2	3.4#

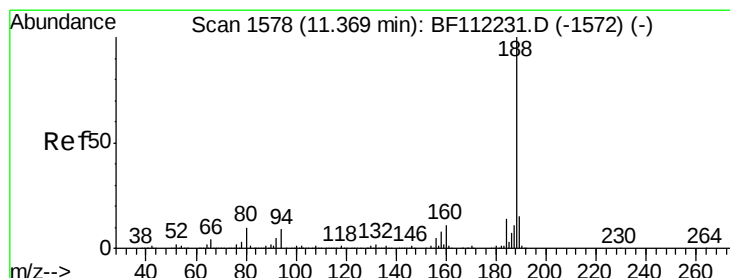
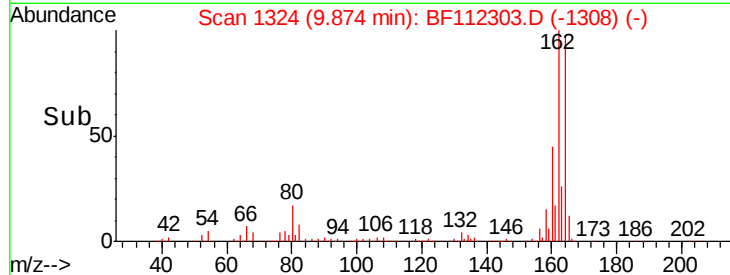
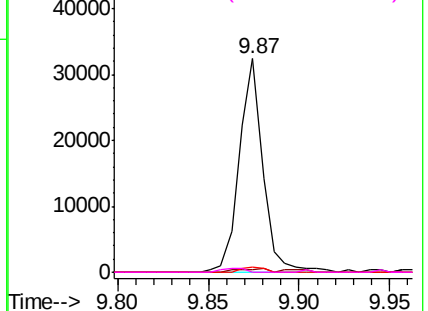


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

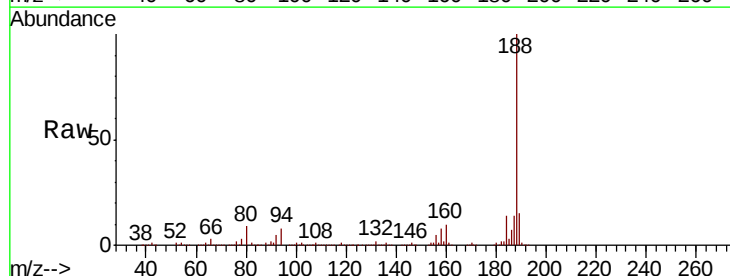
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112303.D
Acq: 29 Jan 2019 18:57

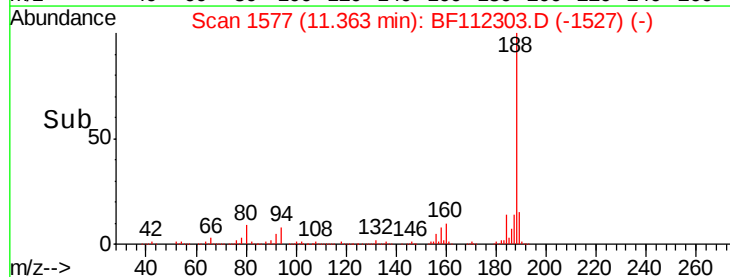
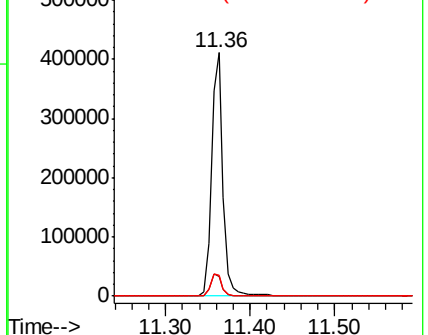
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	8.2	12.2#
80	8.8	8.9	13.3#

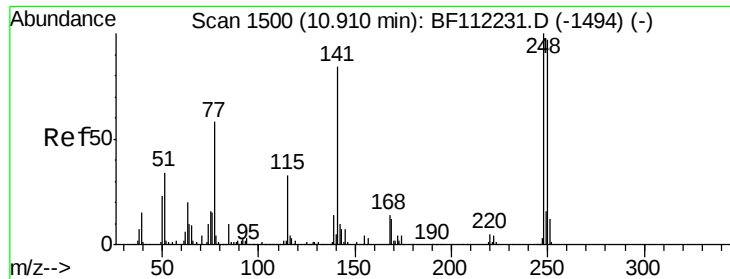


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

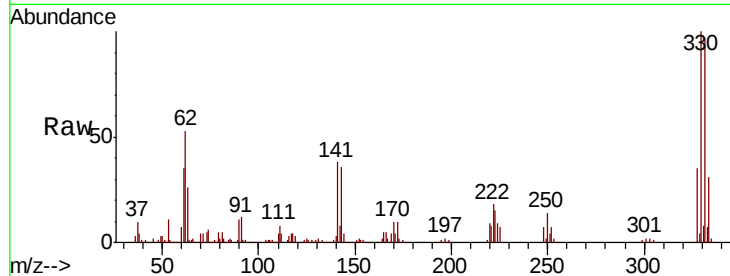




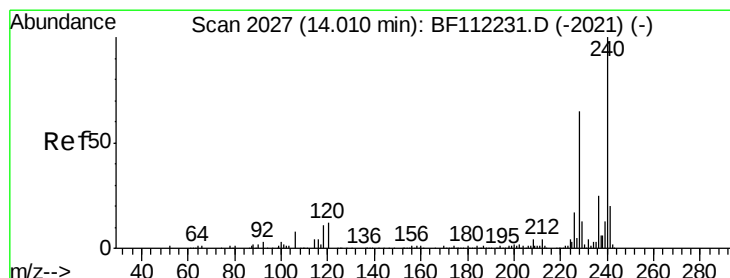
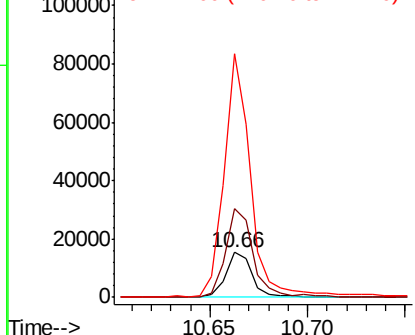
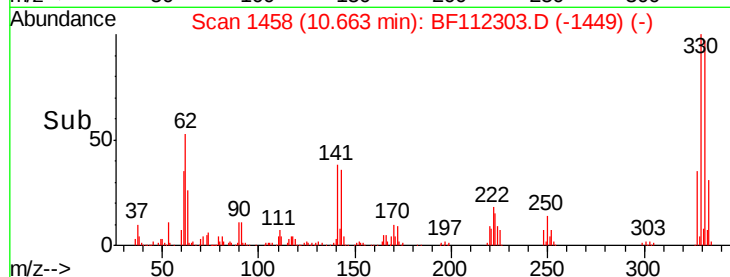
#67
4-Bromophenyl-phenylether
Concen: 3.139 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.25 min
Lab File: BF112303.D
Acq: 29 Jan 2019 18:57

Instrument :
BNA_F
ClientSampled :
MH-C05

Tgt Ion:248 Resp: 14504
Ion Ratio Lower Upper
248 100
250 196.7 79.7 119.5#
141 543.0 60.3 90.5#

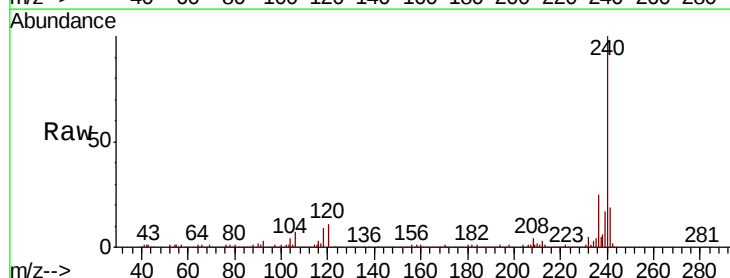


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

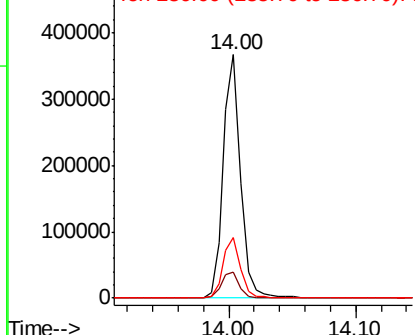
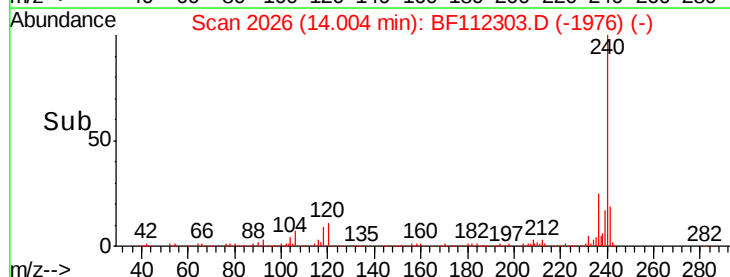


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF112303.D
Acq: 29 Jan 2019 18:57

Tgt Ion:240 Resp: 349989
Ion Ratio Lower Upper
240 100
120 10.9 9.0 13.6
236 24.7 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: 75.760 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF112303.D

Acq: 29 Jan 2019 18:57

Instrument :

BNA_F

ClientSampleId :

MH-C05

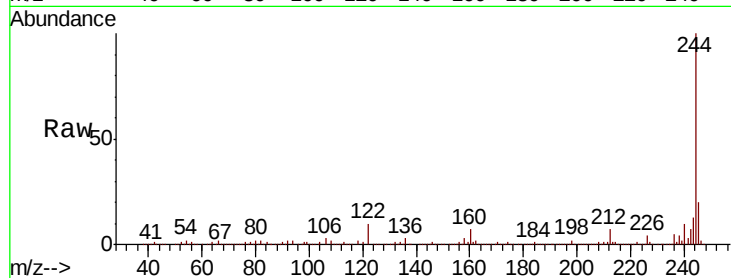
Tgt Ion:244 Resp: 1407797

Ion Ratio Lower Upper

244 100

212 6.8 5.9 8.9

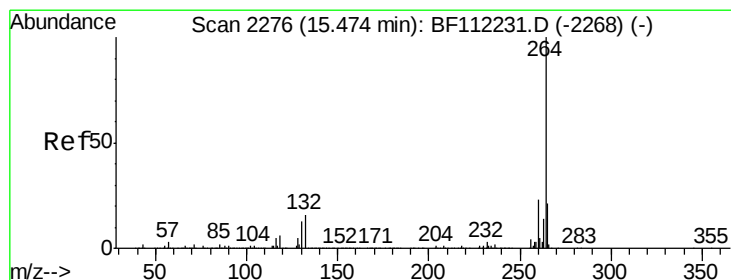
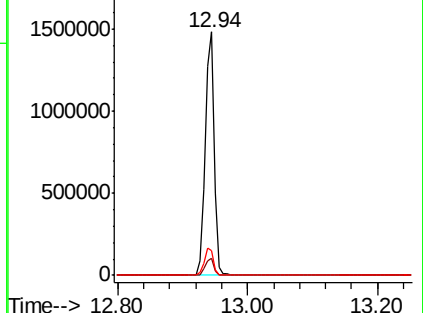
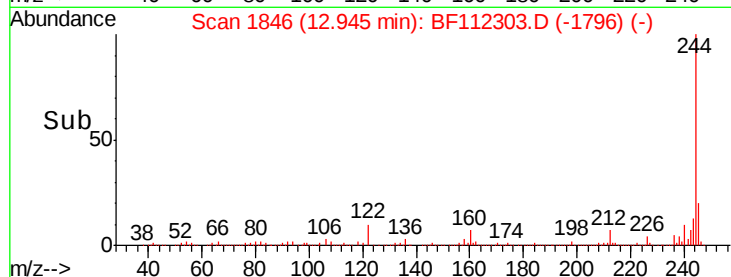
122 10.2 9.8 14.6



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: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BF112303.D

Acq: 29 Jan 2019 18:57

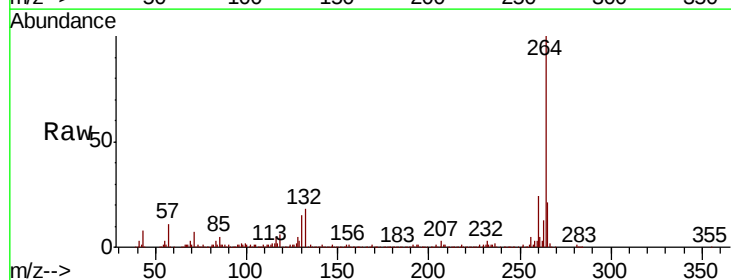
Tgt Ion:264 Resp: 318753

Ion Ratio Lower Upper

264 100

260 24.2 18.2 27.2

265 21.0 17.0 25.4



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

