

Data Path : U:\HPCHEM1\BNA F\DATA\BF011118\
 Data File : BF102027.D
 Acq On : 11 Jan 2018 19:13
 Operator : SJ/JU
 Sample : J1062-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-26-COMP

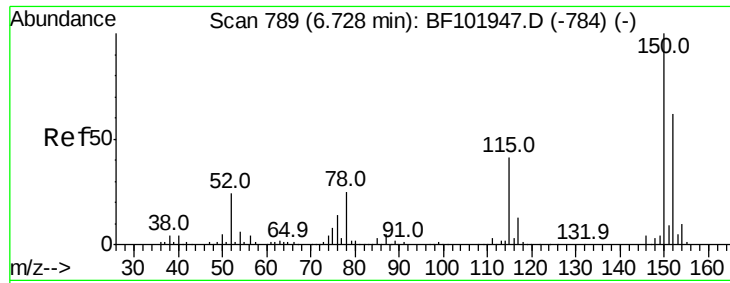
Quant Time: Jan 11 23:42:42 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	196823	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	758254	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	287280	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	393841	20.00	ng	0.00
75) Chrysene-d12	13.87	240	314017	20.00	ng	0.00
86) Perylene-d12	15.29	264	361426	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.34	112	1585787	113.77	ng	0.01
7) Phenol-d6	6.36	99	1851418	111.33	ng	0.00
23) Nitrobenzene-d5	7.29	82	1136412	88.07	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	269846	107.63	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1549103	84.24	ng	0.00
78) Terphenyl-d14	12.83	244	890947	58.91	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.37	94	82425	4.386	ng	99
19) n-Nitroso-di-n-propylamine	7.29	70	154183	14.148	ng	# 83
25) Isophorone	7.29	82	1131802	44.391	ng	# 64
49) Dimethylphthalate	9.48	163	153882	6.677	ng	99
56) 2,4-Dinitrotoluene	9.76	165	36142	6.264	ng	# 23
62) Azobenzene	10.47	77	57132	2.505	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.55	198	560	5.893	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	17419	4.188	ng	# 1

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

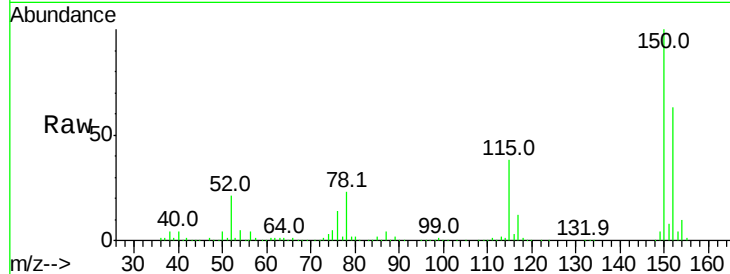


#1

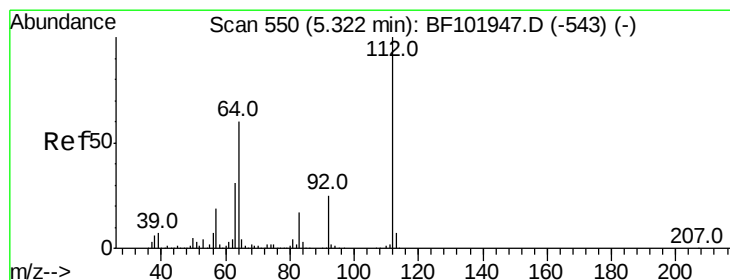
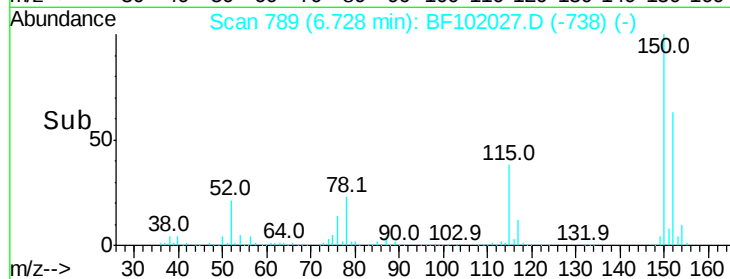
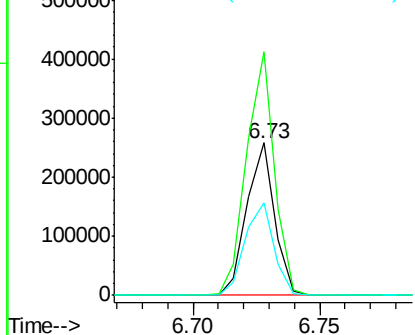
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF102027.D
Acq: 11 Jan 2018 19:13

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ClientSampleId :
SB-26-COMP

Tot Ion:152 Resp: 196823
Ion Ratio Lower Upper
152 100
150 159.4 124.6 186.8
115 60.7 50.1 75.1



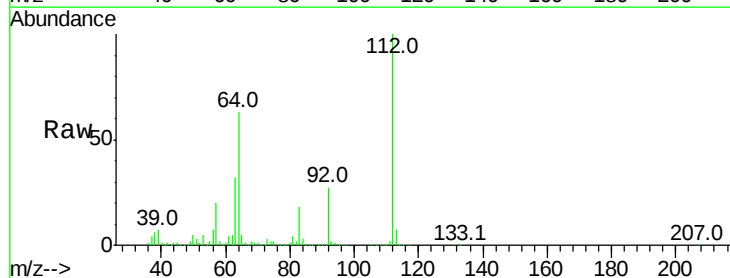
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



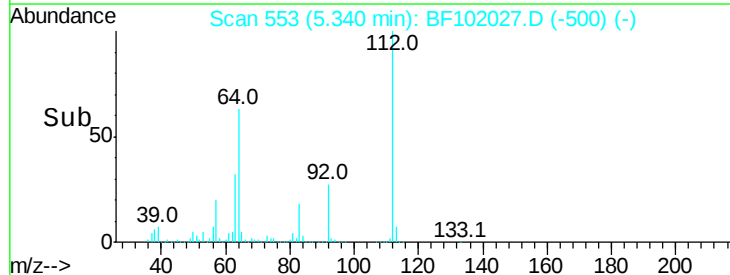
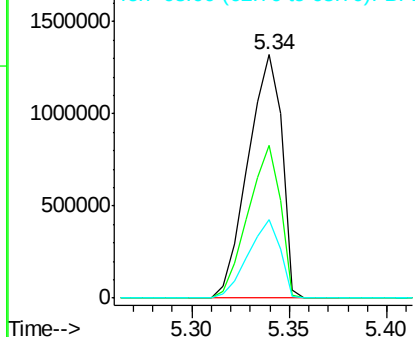
#5

2-Fluorophenol
Concen: 113.770 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF102027.D
Acq: 11 Jan 2018 19:13

Tgt Ion:112 Resp: 1585787
Ion Ratio Lower Upper
112 100
64 62.6 47.9 71.9
63 32.0 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: 111.330 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF102027.D

Acq: 11 Jan 2018 19:13

Instrument :

BNA_F

ClientSampleId :

SB-26-COMP

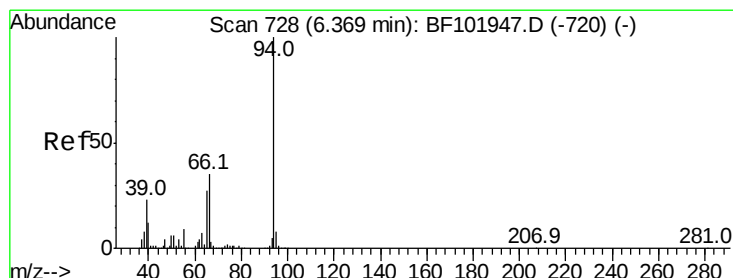
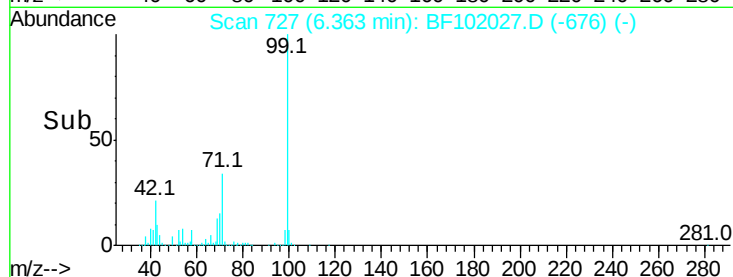
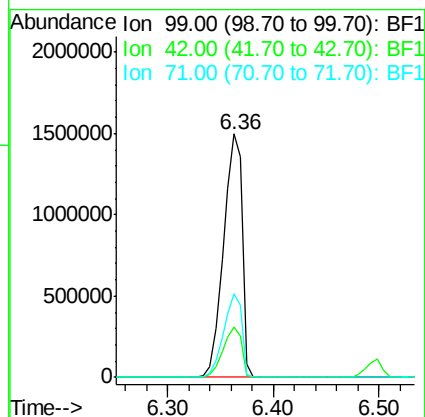
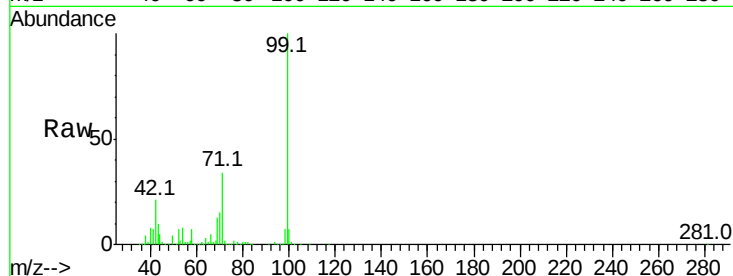
Tot Ion: 99 Resp: 1851418

Ion Ratio Lower Upper

99 100

42 20.7 14.5 21.7

71 34.3 25.4 38.0



#10

Phenol

Concen: 4.386 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF102027.D

Acq: 11 Jan 2018 19:13

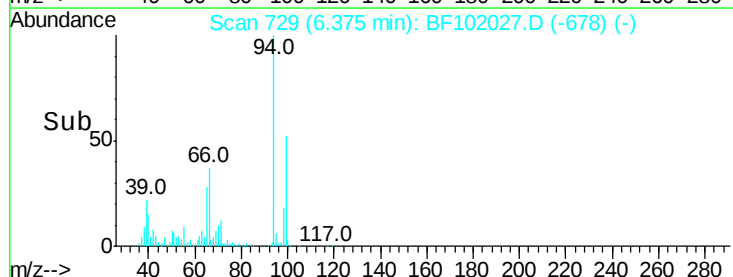
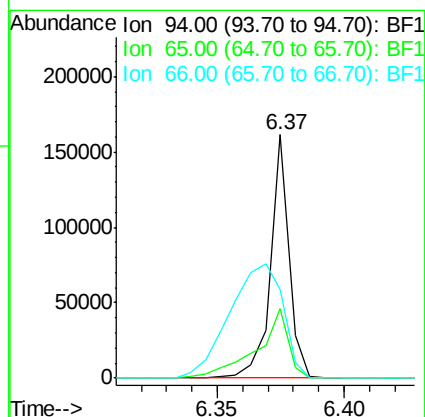
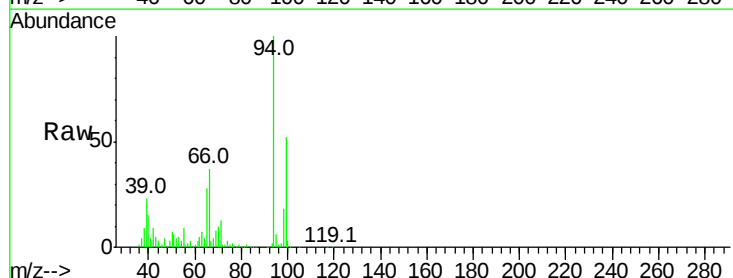
Tgt Ion: 94 Resp: 82425

Ion Ratio Lower Upper

94 100

65 28.3 7.9 47.9

66 36.6 16.2 56.2

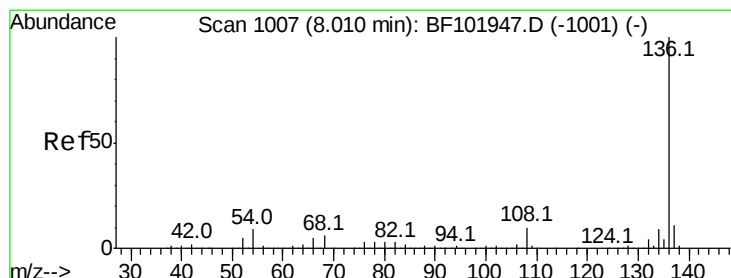
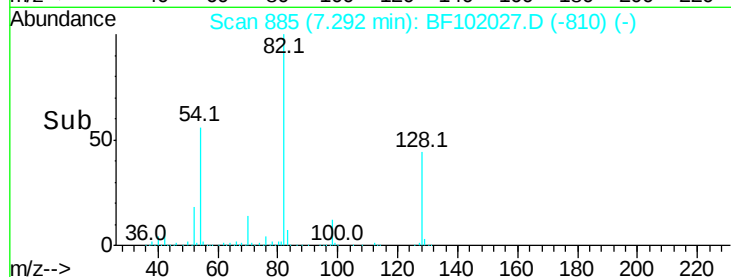
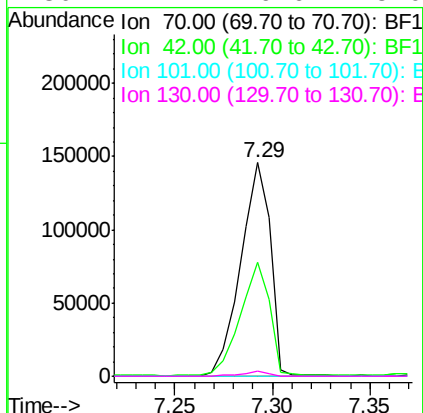
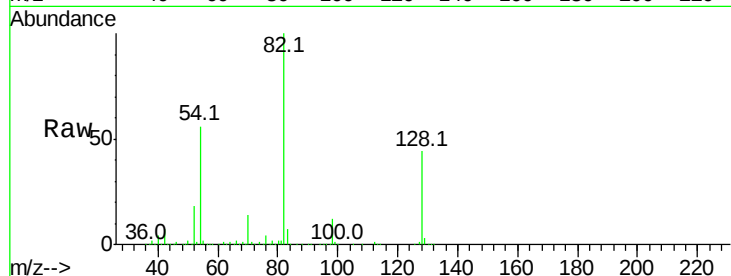




#19
n-Nitroso-di-n-propylamine
Concen: 14.148 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.14 min
Lab File: BF102027.D
Acq: 11 Jan 2018 19:13

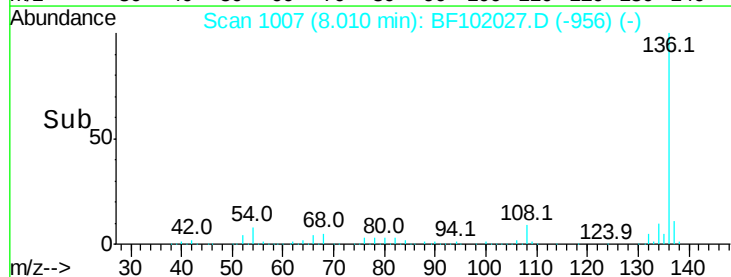
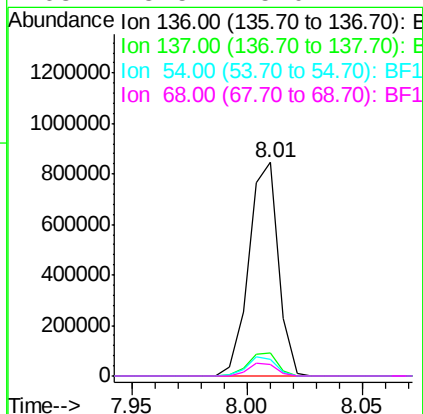
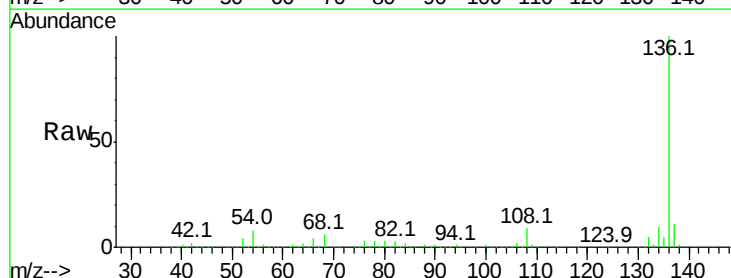
Instrument :
BNA_F
ClientSampleId :
SB-26-COMP

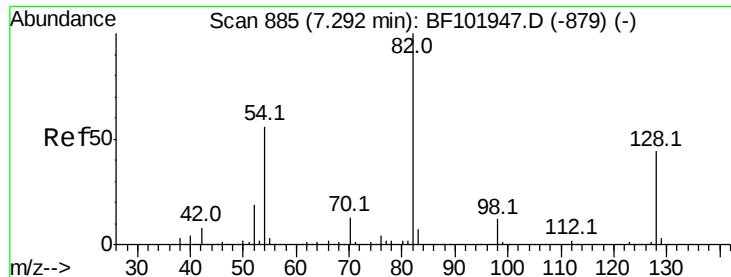
Tot Ion: 70 Resp: 154183
Ion Ratio Lower Upper
70 100
42 53.4 47.5 71.3
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF102027.D
Acq: 11 Jan 2018 19:13

Tgt Ion:136 Resp: 758254
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.9 6.6 9.8
68 5.5 5.0 7.4



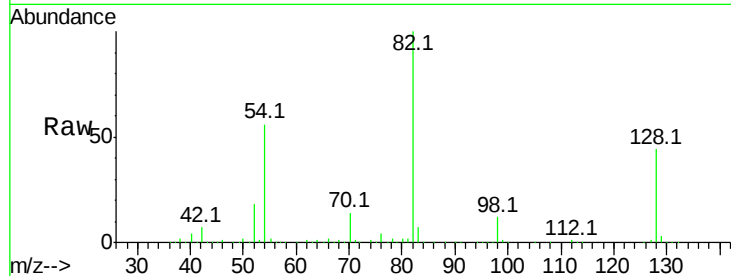


#23
 Nitrobenzene-d5
 Concen: 88.071 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF102027.D
 Acq: 11 Jan 2018 19:13

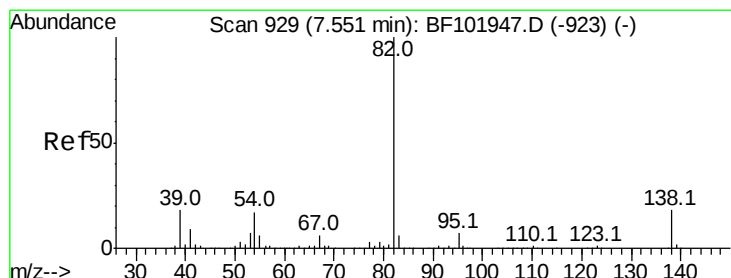
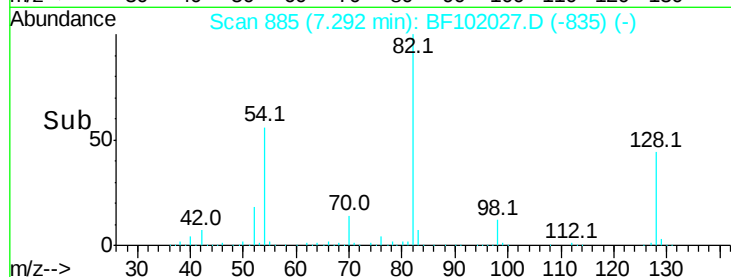
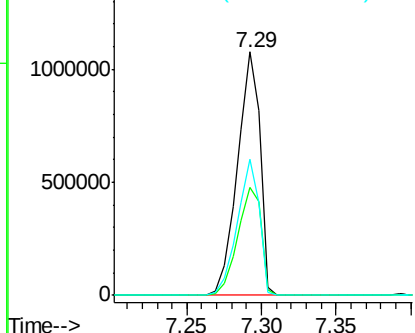
Instrument :
 BNA_F
 ClientSampleId :
 SB-26-COMP

Tot Ion: 82 Resp: 1136412

Ion	Ratio	Lower	Upper
82	100		
128	44.3	36.1	54.1
54	56.2	41.4	62.2



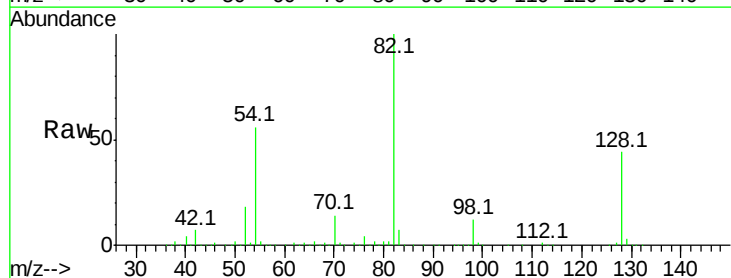
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



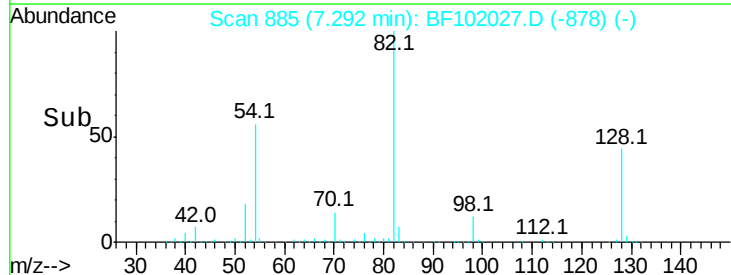
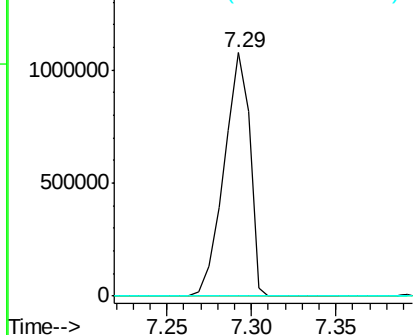
#25
 Isophorone
 Concen: 44.391 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.26 min
 Lab File: BF102027.D
 Acq: 11 Jan 2018 19:13

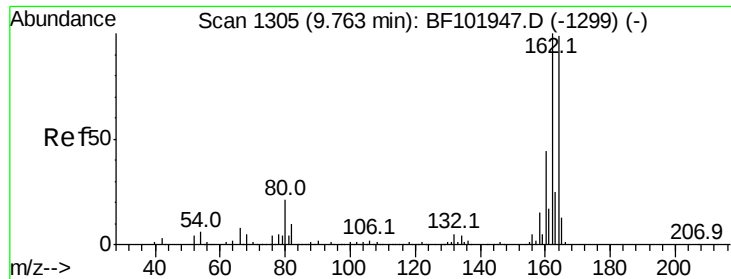
Tgt Ion: 82 Resp: 1131802

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



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

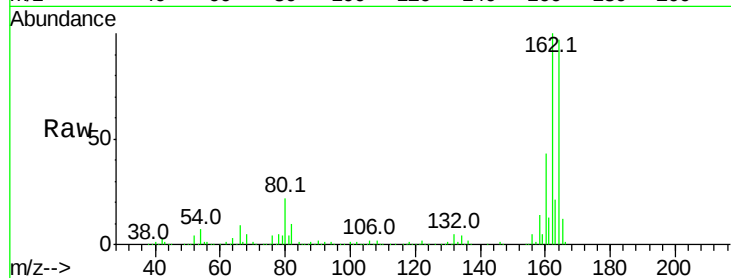




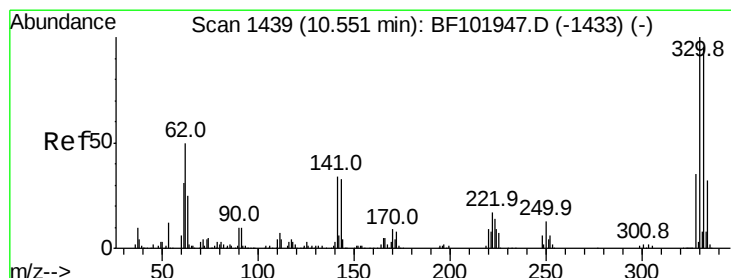
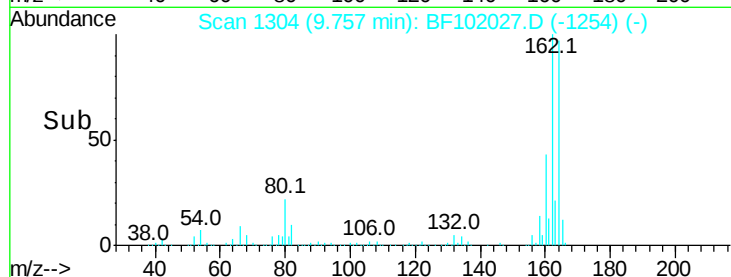
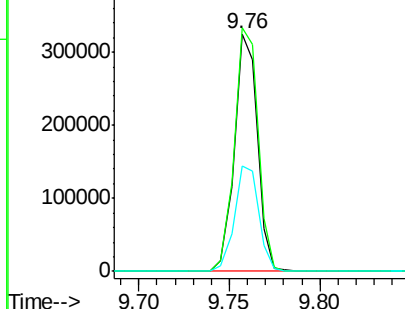
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF102027.D
 Acq: 11 Jan 2018 19:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-26-COMP

Tot Ion:164 Resp: 287280
 Ion Ratio Lower Upper
 164 100
 162 102.6 86.1 129.1
 160 44.5 38.3 57.5

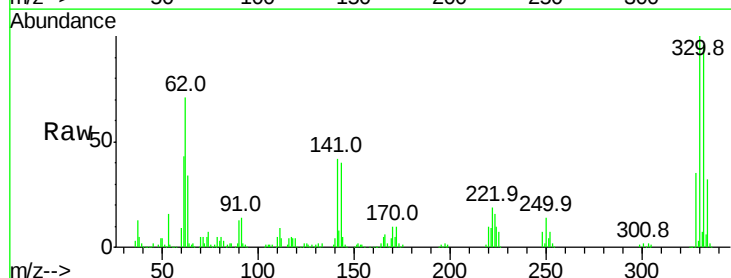


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

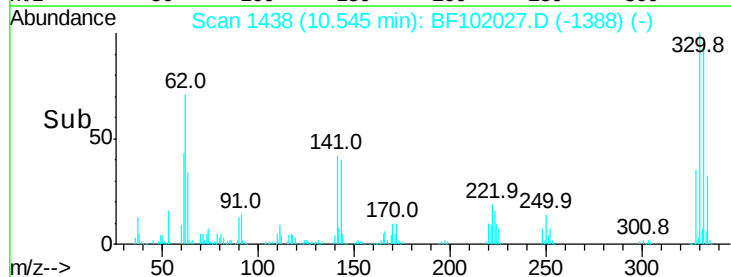
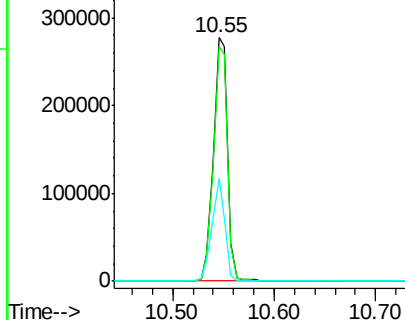


#41
 2,4,6-Tribromophenol
 Concen: 107.635 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF102027.D
 Acq: 11 Jan 2018 19:13

Tgt Ion:330 Resp: 269846
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 38.8 29.9 44.9



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



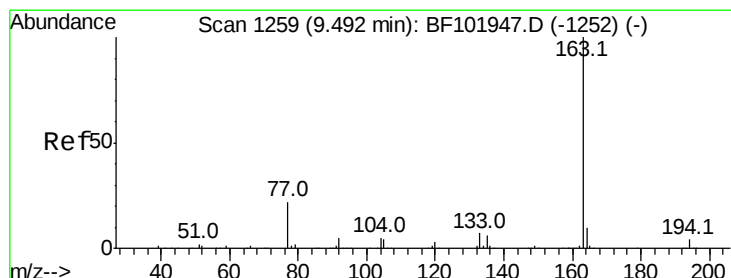
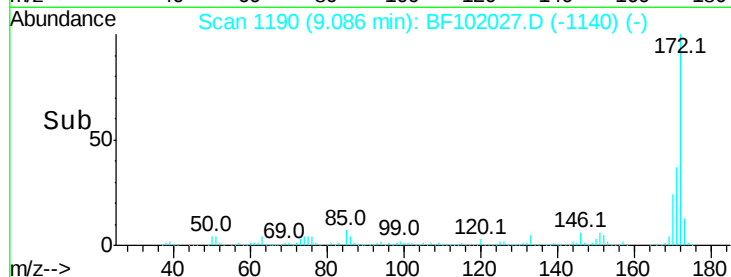
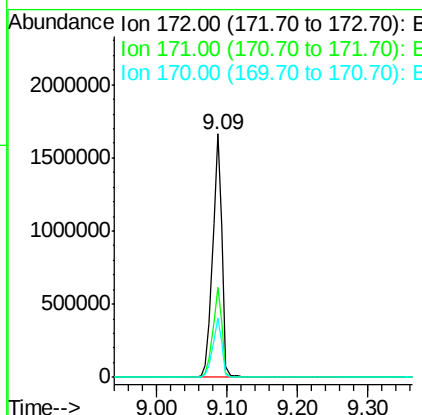
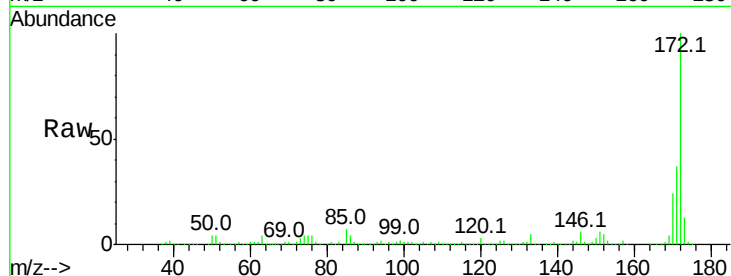


#44
 2-Fluorobiphenyl
 Concen: 84.243 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF102027.D
 Acq: 11 Jan 2018 19:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-26-COMP

Tot Ion:172 Resp: 1549103

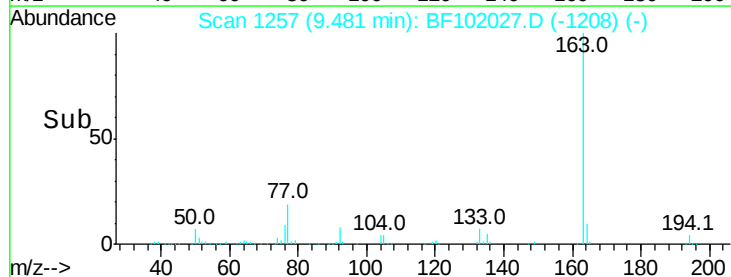
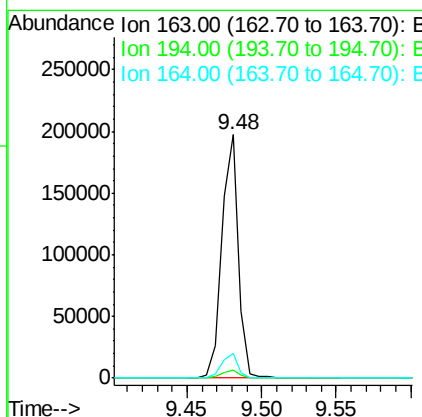
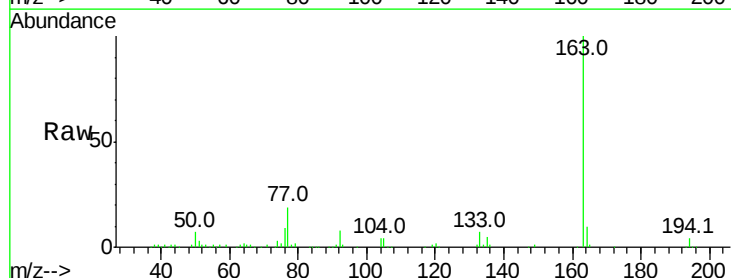
Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.2	19.6	29.4

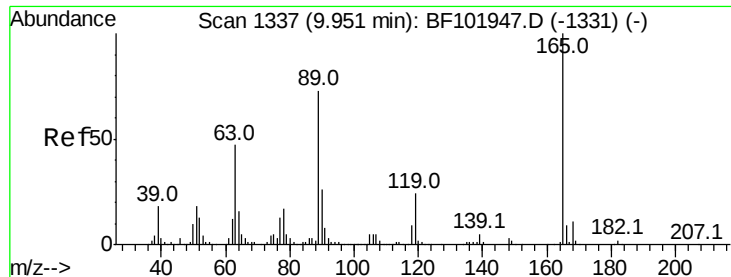


#49
 Dimethylphthalate
 Concen: 6.677 ng
 RT: 9.48 min Scan# 1257
 Delta R.T. -0.01 min
 Lab File: BF102027.D
 Acq: 11 Jan 2018 19:13

Tgt Ion:163 Resp: 153882

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.0	8.2	12.2

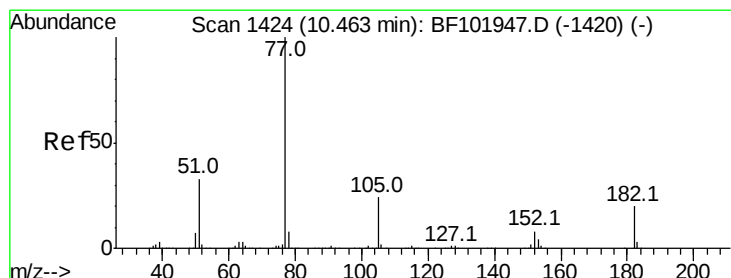
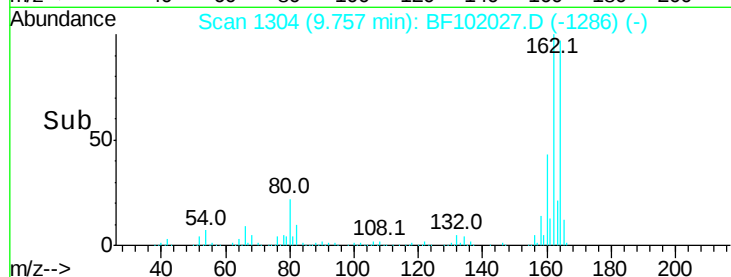
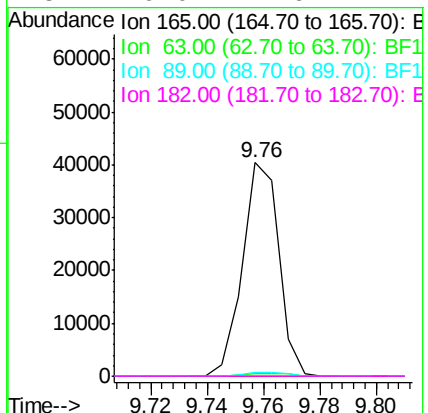
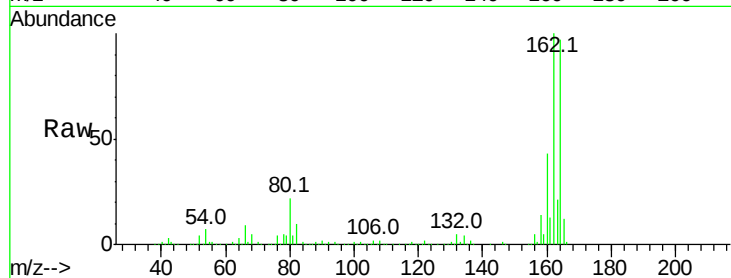




#56
2,4-Dinitrotoluene
Concen: 6.264 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.19 min
Lab File: BF102027.D
Acq: 11 Jan 2018 19:13

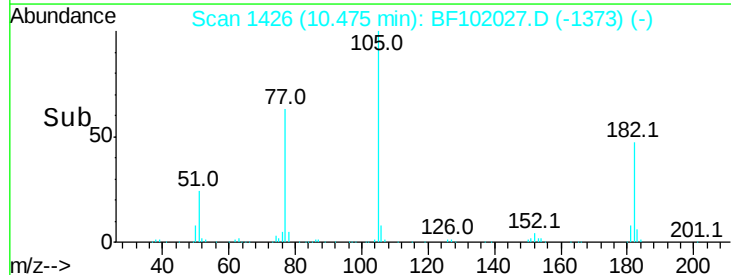
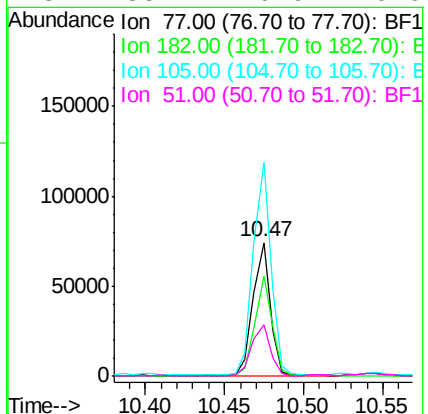
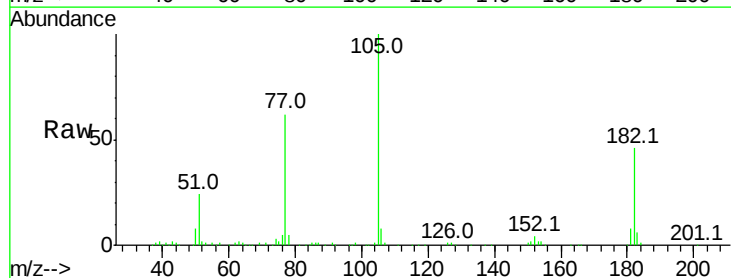
Instrument :
BNA_F
ClientSampleId :
SB-26-COMP

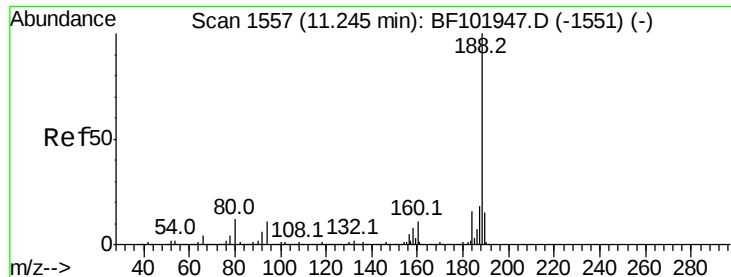
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#



#62
Azobenzene
Concen: 2.505 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF102027.D
Acq: 11 Jan 2018 19:13

Tgt Ion	Ratio	Lower	Upper
77	100		
182	74.5	1.7	41.7#
105	160.3	3.0	43.0#
51	38.7	9.9	49.9

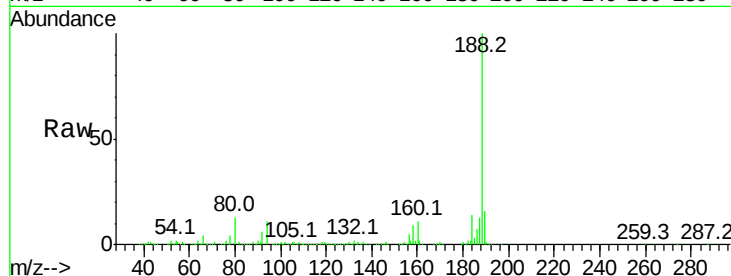




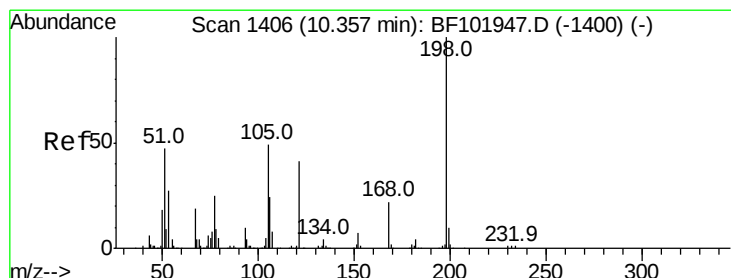
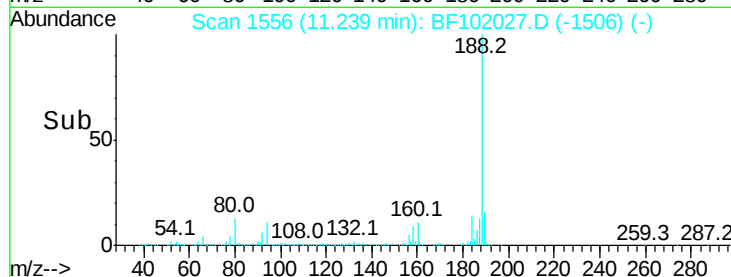
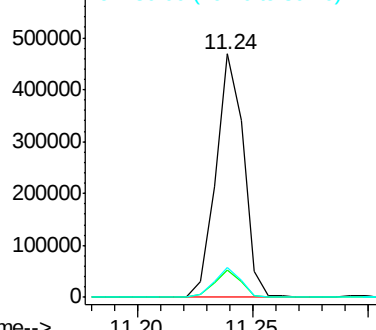
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF102027.D
Acq: 11 Jan 2018 19:13

Instrument :
BNA_F
ClientSampleId :
SB-26-COMP

Tot Ion:188 Resp: 393841
Ion Ratio Lower Upper
188 100
94 11.2 8.5 12.7
80 12.5 9.2 13.8

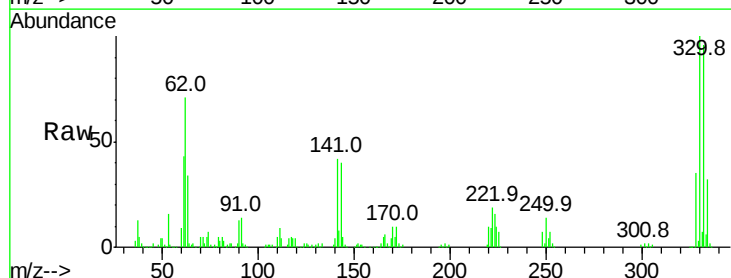


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

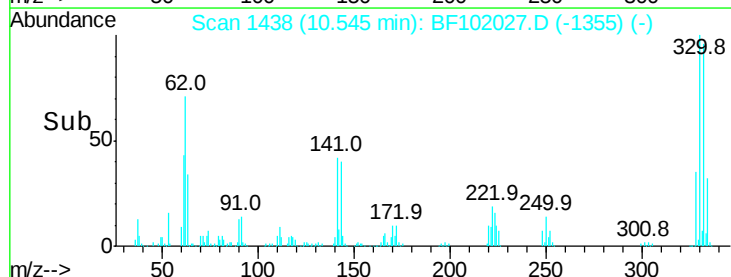
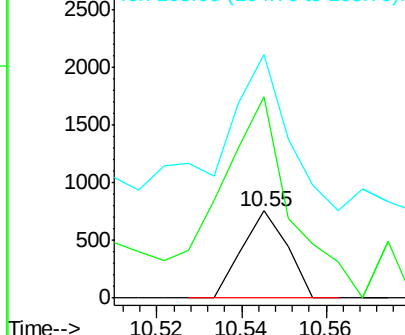


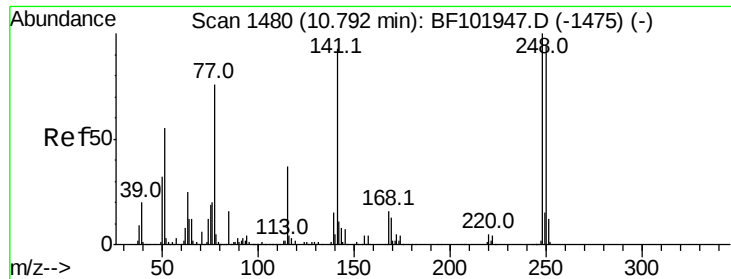
#64
4,6-Dinitro-2-methylphenol
Concen: 5.893 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.19 min
Lab File: BF102027.D
Acq: 11 Jan 2018 19:13

Tgt Ion:198 Resp: 560
Ion Ratio Lower Upper
198 100
51 231.3 37.7 77.7#
105 279.7 36.3 76.3#



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

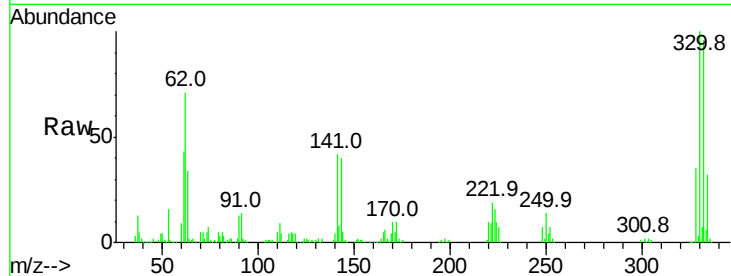




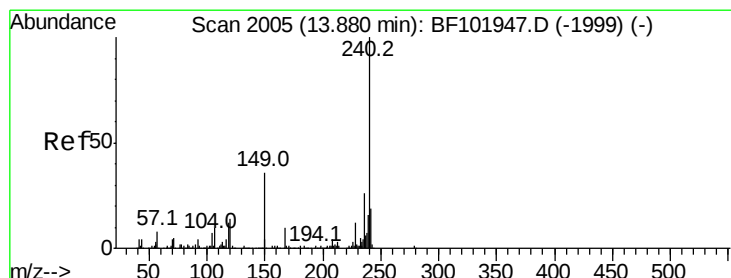
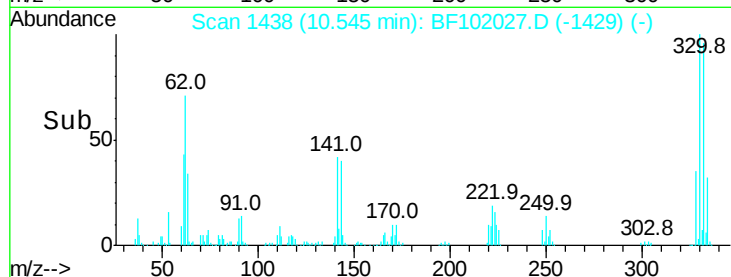
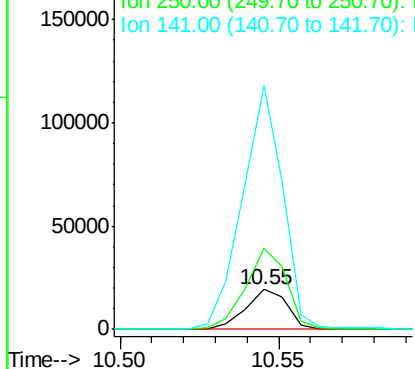
#66
4-Bromophenyl-phenylether
Concen: 4.188 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF102027.D
Acq: 11 Jan 2018 19:13

Instrument :
BNA_F
ClientSampleId :
SB-26-COMP

Tot Ion:248 Resp: 17419
Ion Ratio Lower Upper
248 100
250 201.7 76.9 115.3#
141 609.2 74.4 111.6#

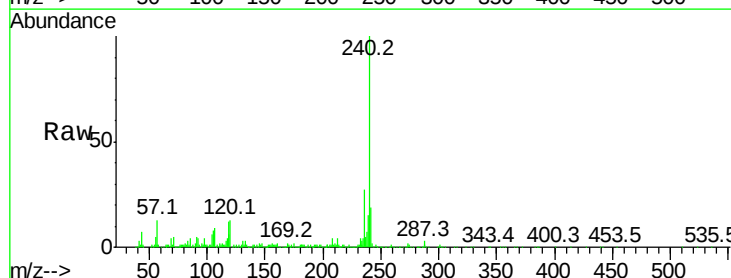


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

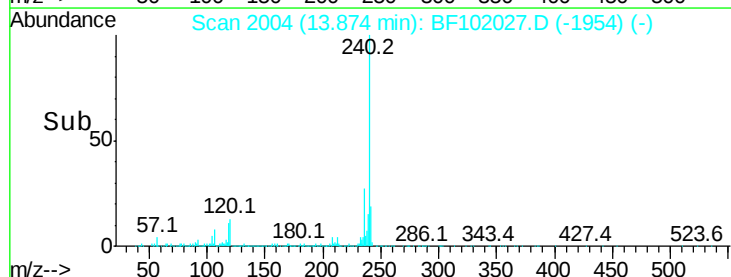
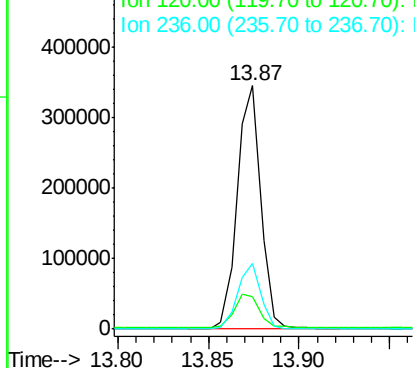


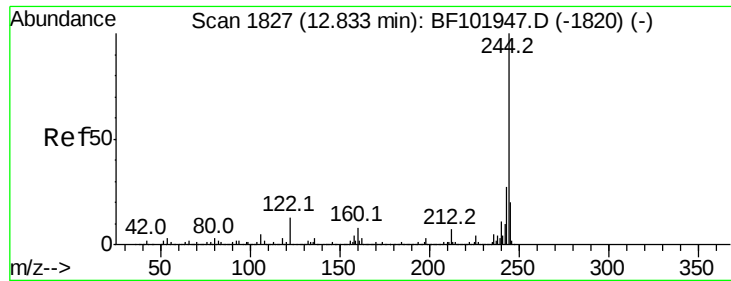
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF102027.D
Acq: 11 Jan 2018 19:13

Tgt Ion:240 Resp: 314017
Ion Ratio Lower Upper
240 100
120 13.5 9.5 14.3
236 26.9 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





#78

Terphenyl-d14

Concen: 58.909 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF102027.D

Acq: 11 Jan 2018 19:13

Instrument :

BNA_F

ClientSampleId :

SB-26-COMP

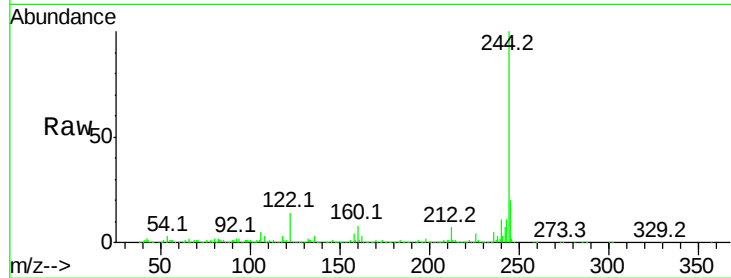
Tot Ion:244 Resp: 890947

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	14.4	11.0	16.4

244 100

212 7.1 5.4 8.0

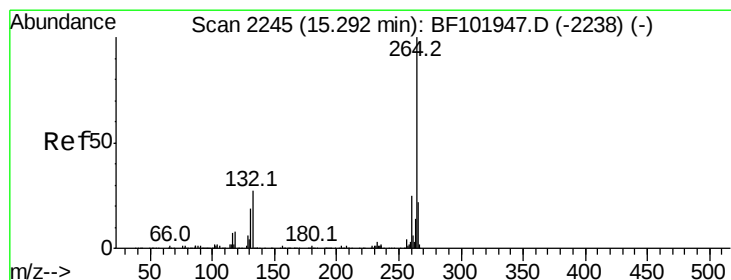
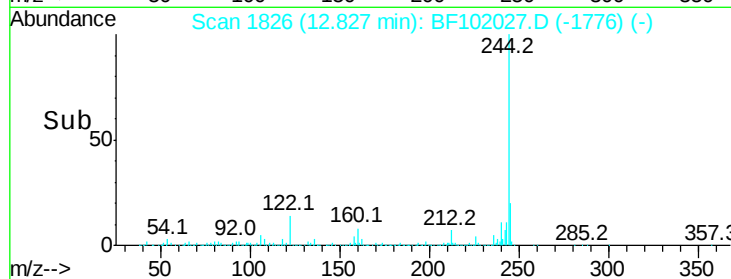
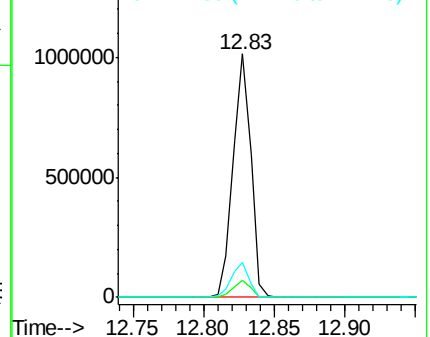
122 14.4 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.29 min Scan# 2245

Delta R.T. 0.00 min

Lab File: BF102027.D

Acq: 11 Jan 2018 19:13

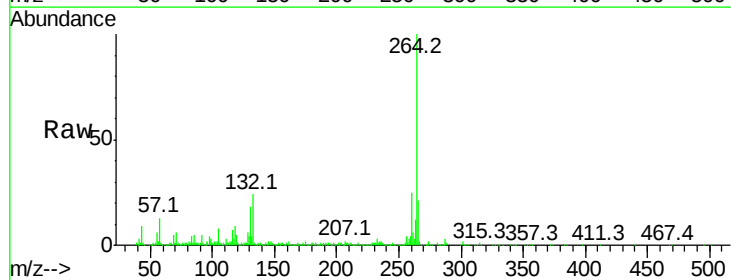
Tgt Ion:264 Resp: 361426

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	21.5	17.5	26.3

264 100

260 25.0 19.2 28.8

265 21.5 17.5 26.3



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

