

Data Path : Z:\HPCHEM1\BNA N\DATA\BN040918\
 Data File : BN000727.D
 Acq On : 10 Apr 2018 01:27
 Operator : JU/SJ
 Sample : J2292-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 10 04:37:33 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN040918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 09 13:41:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	169408	20.00	ng	0.00
21) Naphthalene-d8	10.40	136	722458	20.00	ng	0.00
38) Acenaphthene-d10	14.26	164	373512	20.00	ng	0.00
63) Phenanthrene-d10	17.01	188	730753	20.00	ng	0.00
75) Chrysene-d12	21.22	240	553950	20.00	ng	0.00
86) Perylene-d12	23.40	264	526084	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	372574	32.47	ng	0.00
7) Phenol-d6	6.81	99	288517	18.47	ng	0.00
23) Nitrobenzene-d5	8.78	82	1261664	92.41	ng	0.00
41) 2,4,6-Tribromophenol	15.76	330	325129	88.54	ng	0.00
44) 2-Fluorobiphenyl	12.89	172	2491475	91.93	ng	0.00
78) Terphenyl-d14	19.66	244	2515585	99.19	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.26	88	609	0.116	ng	# 56
4) n-Nitrosodimethylamine	3.38	42	340	0.088	ng	# 1
6) Aniline	7.17	93	1049	0.050	ng	# 1
9) Benzaldehyde	6.81	77	119	0.015	ng	# 5
10) Phenol	6.83	94	13555	0.816	ng	# 93
11) bis(2-Chloroethyl)ether	7.17	93	1049	0.077	ng	# 1
15) Benzyl Alcohol	7.95	79	21047	1.978	ng	# 37
19) n-Nitroso-di-n-propylamine	8.78	70	159248	16.312	ng	# 67
24) Nitrobenzene	8.78	77	3637	0.245	ng	# 44
31) Naphthalene	10.45	128	385	0.010	ng	# 68
45) 1,1'-Biphenyl	13.09	154	5758	0.172	ng	# 90
47) 2-Nitroaniline	13.73	65	321	0.045	ng	# 1
49) Dimethylphthalate	13.73	163	52418	1.763	ng	# 98
50) 2,6-Dinitrotoluene	14.26	165	48190	7.827	ng	# 20
51) Acenaphthene	14.26	154	1178	0.048	ng	# 5
56) 2,4-Dinitrotoluene	14.26	165	48190	6.028	ng	# 18
57) Fluorene	15.75	166	19203	0.689	ng	# 91
59) Diethylphthalate	15.10	149	1407	0.048	ng	# 58
62) Azobenzene	15.75	77	2712	0.084	ng	# 17
64) 4,6-Dinitro-2-methylphenol	15.75	198	865	0.199	ng	# 1
65) n-Nitrosodiphenylamine	15.75	169	12682	0.520	ng	# 42
66) 4-Bromophenyl-phenylether	15.76	248	22592	3.092	ng	# 1
70) Phenanthrene	17.05	178	885	0.021	ng	# 60
71) Anthracene	17.05	178	885	0.021	ng	# 59
73) Di-n-butylphthalate	18.00	149	2648	0.058	ng	# 78
74) Fluoranthene	19.07	202	691	0.016	ng	# 65
76) Benzidine	19.66	184	39003	2.576	ng	# 93
77) Pyrene	19.43	202	767	0.019	ng	# 57
80) Benzo(a)anthracene	21.22	228	1713	0.049	ng	# 58
82) Chrysene	21.25	228	114	0.003	ng	# 49
83) Bis(2-ethylhexyl)phthalate	21.16	149	1547	0.062	ng	# 89
84) Di-n-octyl phthalate	22.04	149	626	0.018	ng	# 71
87) Benzo(b)fluoranthene	22.75	252	110	0.003	ng	# 59
88) Benzo(k)fluoranthene	22.75	252	110	0.003	ng	# 60

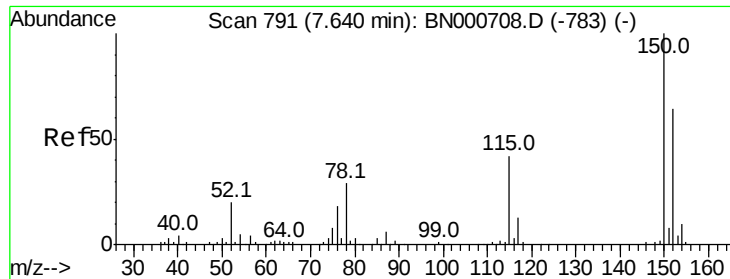
Data Path : Z:\HPCHEM1\BNA N\DATA\BN040918\
Data File : BN000727.D
Acq On : 10 Apr 2018 01:27
Operator : JU/SJ
Sample : J2292-04
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ALS Vial : 22 Sample Multiplier: 1

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Quant Time: Apr 10 04:37:33 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 09 13:41:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) Benzo(a)pyrene	23.40	252	2118	0.073	ng	# 63

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

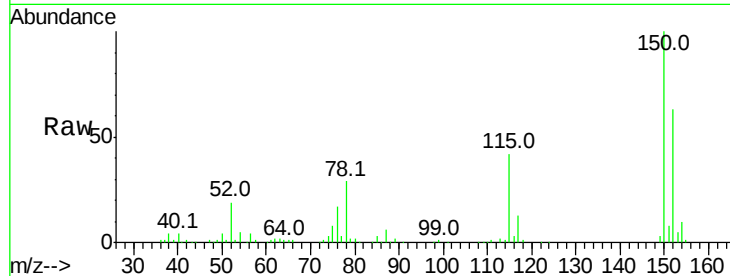


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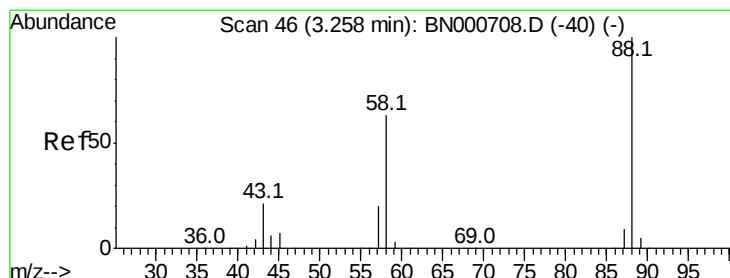
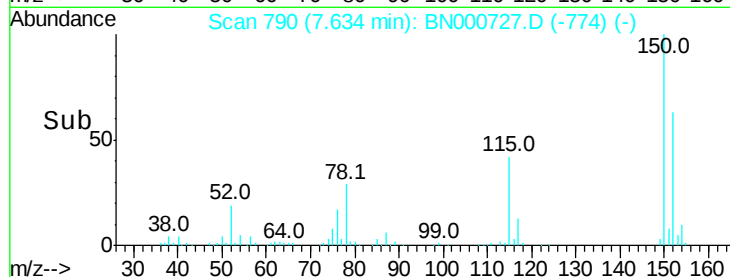
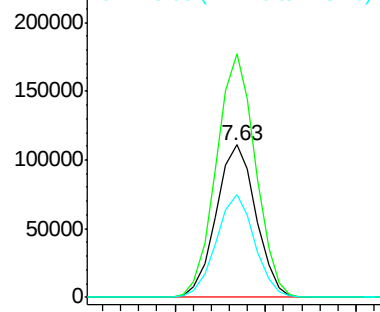
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 790
Delta R.T. -0.01 min
Lab File: BN000727.D
Acq: 10 Apr 2018 01:27

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 169408
Ion Ratio Lower Upper
152 100
150 159.7 126.6 189.8
115 67.2 53.0 79.4



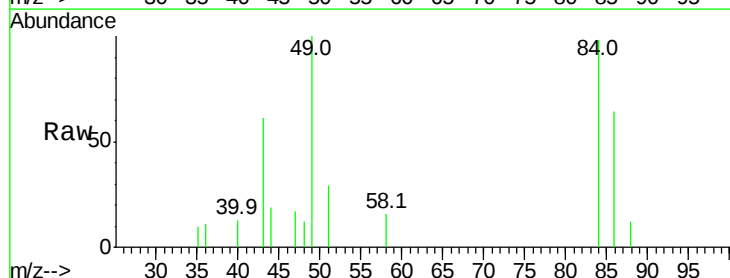
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



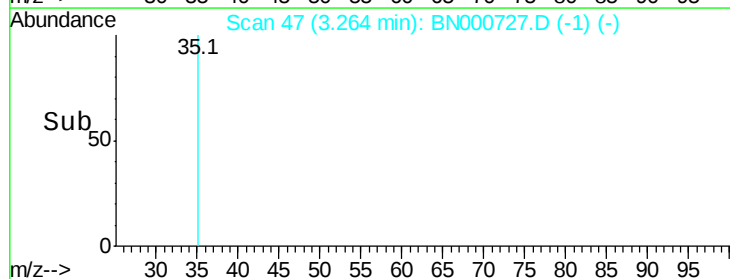
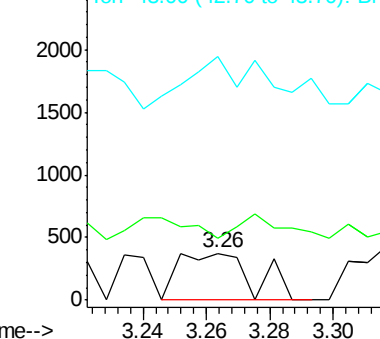
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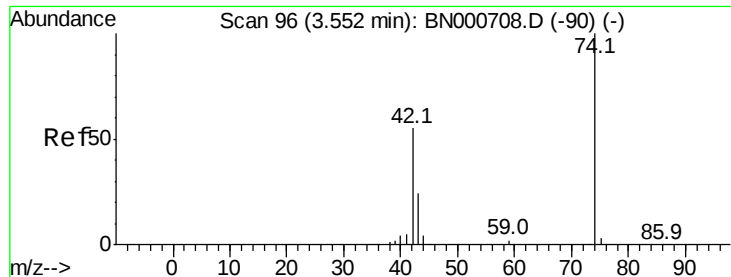
1,4-Dioxane
Concen: 0.116 ng
RT: 3.26 min Scan# 47
Delta R.T. 0.01 min
Lab File: BN000727.D
Acq: 10 Apr 2018 01:27

Tgt Ion: 88 Resp: 609
Ion Ratio Lower Upper
88 100
58 31.5 52.0 78.0#
43 0.0 20.0 30.0#



Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC



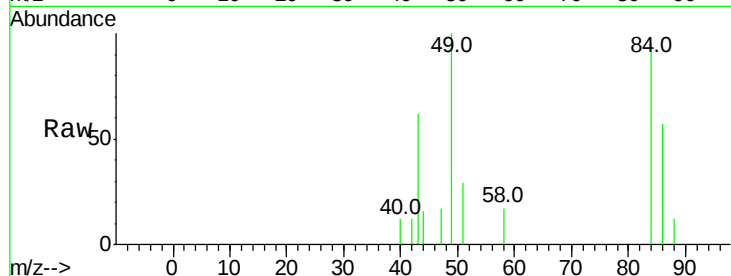


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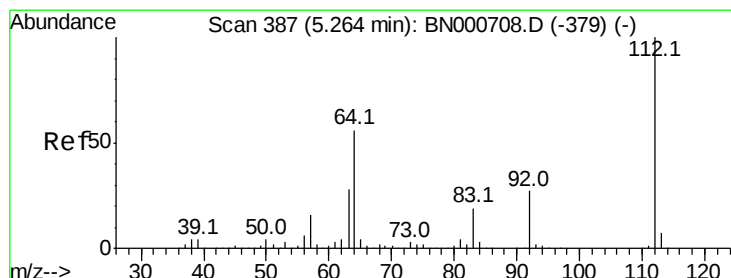
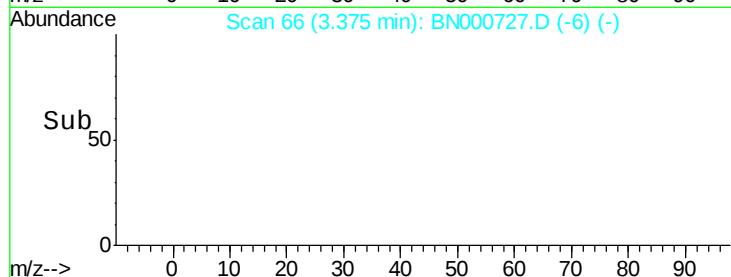
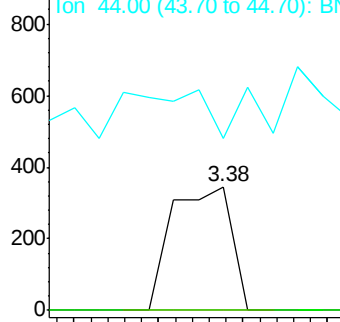
n-Nitrosodimethylamine
 Concen: 0.088 ng
 RT: 3.38 min Scan# 66
 Delta R.T. -0.18 min
 Lab File: BN000727.D
 Acq: 10 Apr 2018 01:27

Instrument :
 BNA_N
 ClientSampled :

Tot Ion: 42 Resp: 340
 Ion Ratio Lower Upper
 42 100
 74 0.0 128.0 192.0#
 44 138.4 12.0 18.0#



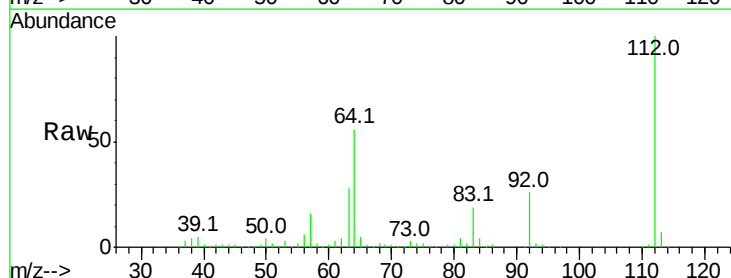
Abundance Ion 42.00 (41.70 to 42.70): BNC
 Ion 74.00 (73.70 to 74.70): BNC
 Ion 44.00 (43.70 to 44.70): BNC



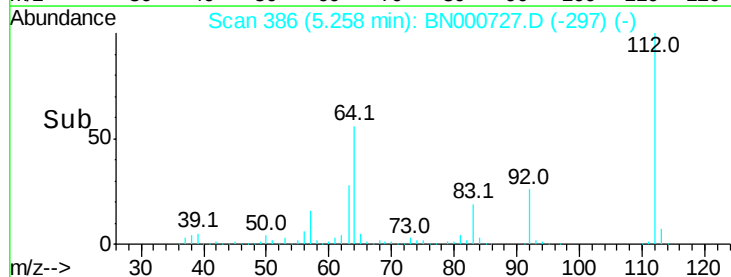
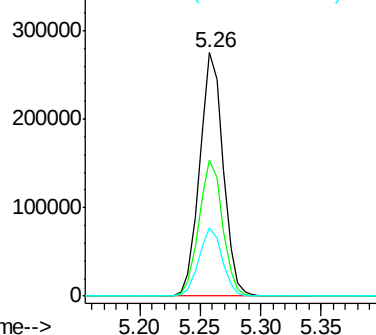
#5

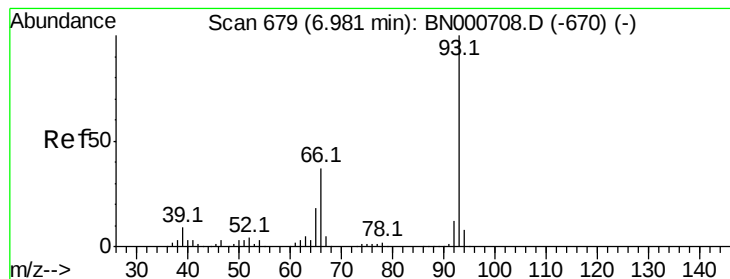
2-Fluorophenol
 Concen: 32.473 ng
 RT: 5.26 min Scan# 386
 Delta R.T. -0.01 min
 Lab File: BN000727.D
 Acq: 10 Apr 2018 01:27

Tgt Ion: 112 Resp: 372574
 Ion Ratio Lower Upper
 112 100
 64 55.9 56.3 84.5#
 63 28.3 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BNC
 Ion 63.00 (62.70 to 63.70): BNC





#6

Aniline

Concen: 0.050 ng

RT: 7.17 min Scan# 711

Delta R.T. 0.19 min

Lab File: BN000727.D

Acq: 10 Apr 2018 01:27

Instrument :

BNA_N

ClientSampleId :

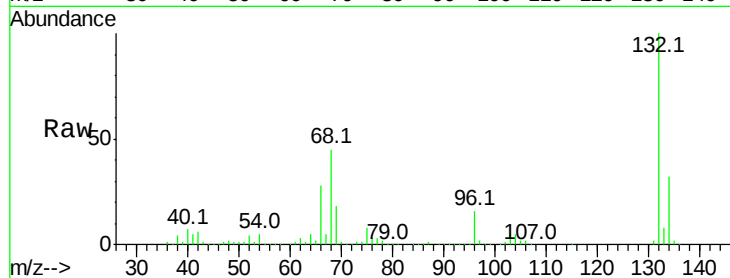
Tot Ion: 93 Resp: 1049

Ion Ratio Lower Upper

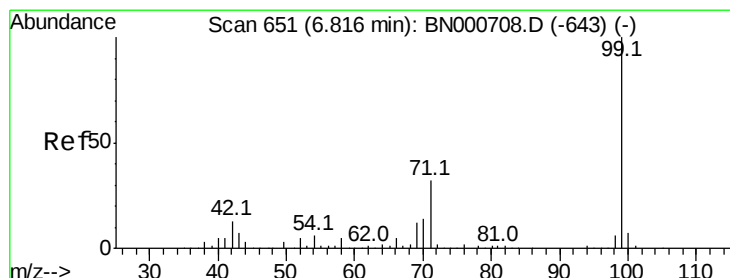
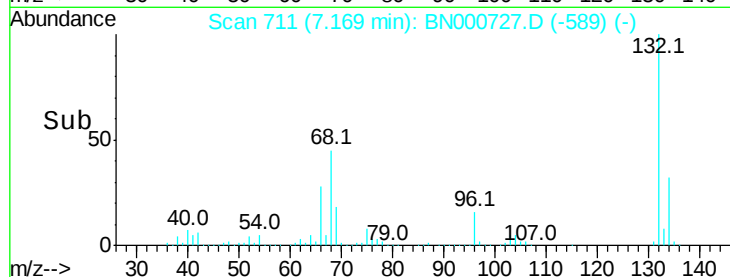
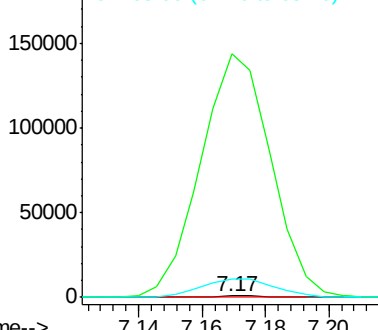
93 100

66 18947.0 33.7 50.5#

65 1409.4 16.1 24.1#



Abundance Ion 93.00 (92.70 to 93.70): BNC
Ion 66.00 (65.70 to 66.70): BNC
Ion 65.00 (64.70 to 65.70): BNC



#7

Phenol-d6

Concen: 18.472 ng

RT: 6.81 min Scan# 650

Delta R.T. -0.01 min

Lab File: BN000727.D

Acq: 10 Apr 2018 01:27

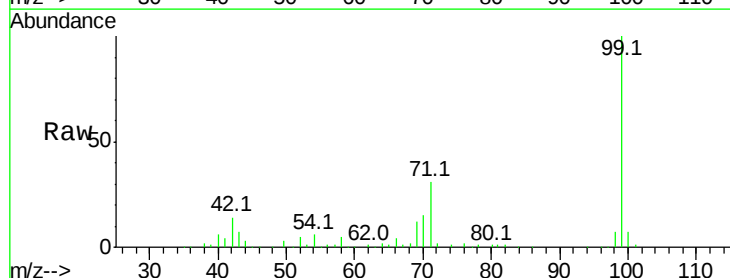
Tgt Ion: 99 Resp: 288517

Ion Ratio Lower Upper

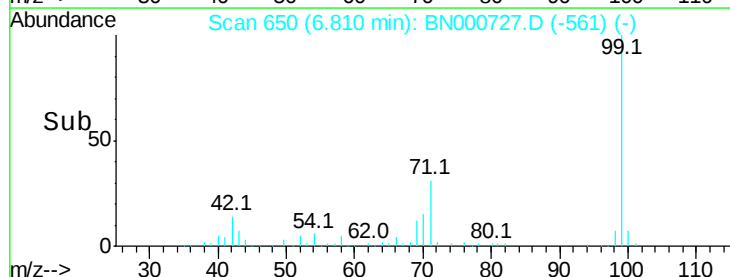
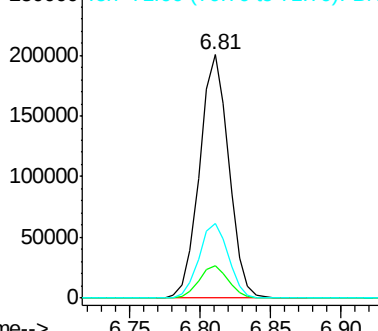
99 100

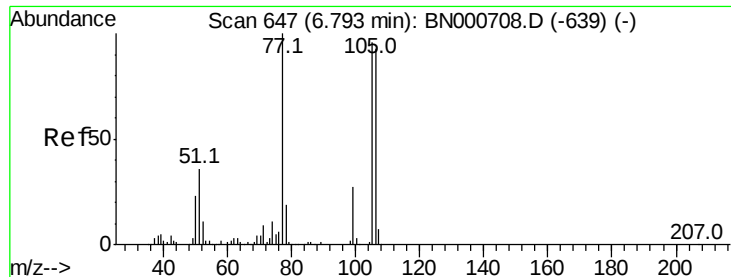
42 13.5 14.1 21.1#

71 30.7 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BNC
Ion 42.00 (41.70 to 42.70): BNC
Ion 71.00 (70.70 to 71.70): BNC





#9

Benzaldehyd

Concen: 0.015 ng

RT: 6.81 min Scan# 650

Delta R.T. 0.02 min

Lab File: BN000727.D

Acq: 10 Apr 2018 01:27

Instrument :

BNA_N

ClientSampleId :

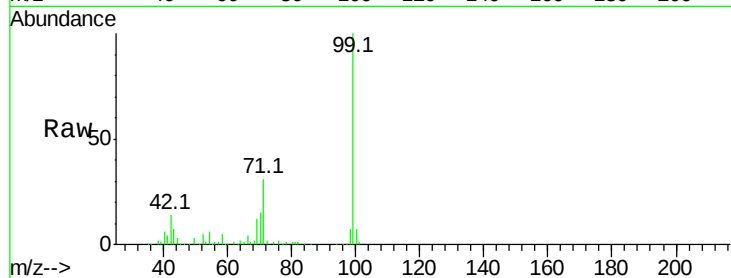
Tot Ion: 77 Resp: 119

Ion Ratio Lower Upper

77 100

105 0.0 71.3 111.3#

106 0.0 64.2 104.2#



Abundance Ion 77.00 (76.70 to 77.70): BN0

Ion 105.00 (104.70 to 105.70): BN0

Ion 106.00 (105.70 to 106.70): BN0

6.81

400

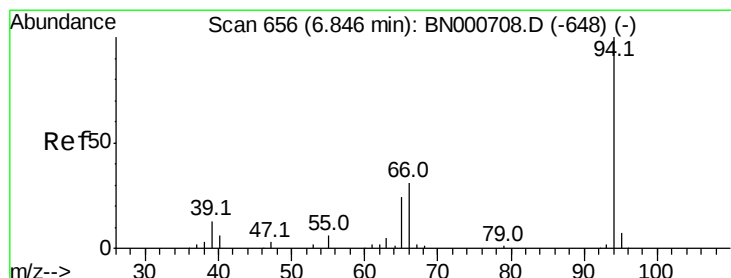
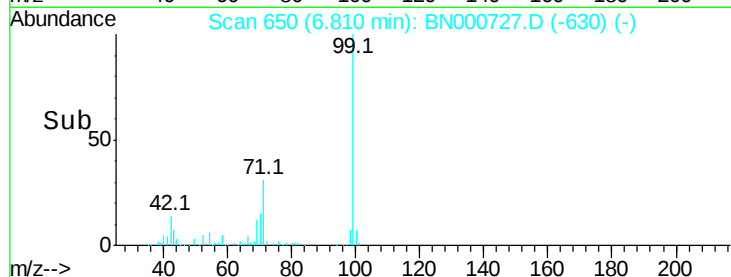
300

200

100

0

Time--> 6.79 6.80 6.81 6.82 6.83



#10

Phenol

Concen: 0.816 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.01 min

Lab File: BN000727.D

Acq: 10 Apr 2018 01:27

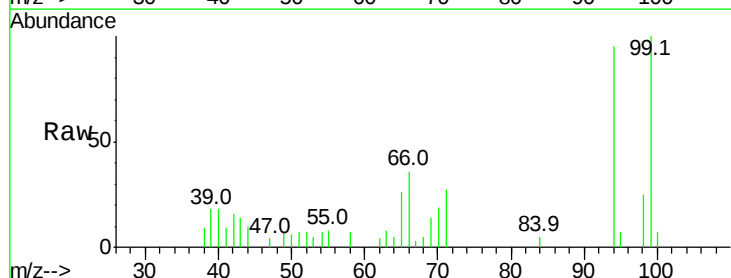
Tgt Ion: 94 Resp: 13555

Ion Ratio Lower Upper

94 100

65 27.6 11.9 51.9

66 37.7 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BN0

Ion 65.00 (64.70 to 65.70): BN0

Ion 66.00 (65.70 to 66.70): BN0

12000

10000

8000

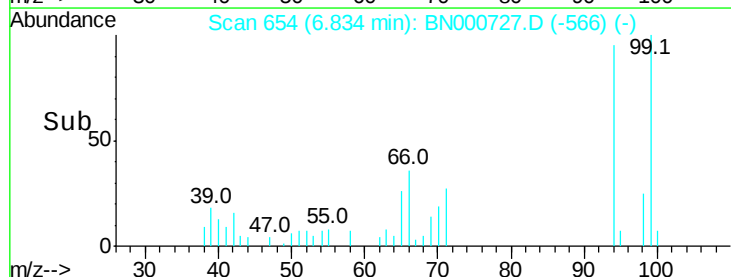
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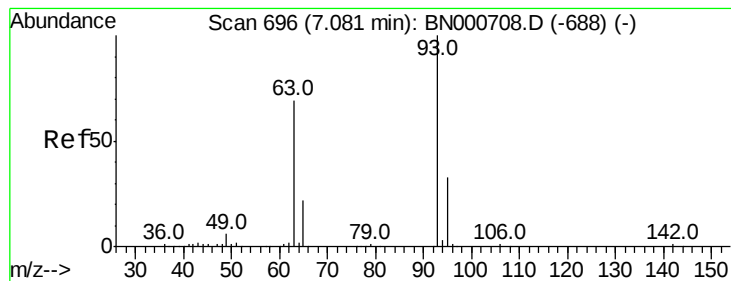
4000

2000

0

Time--> 6.80 6.85

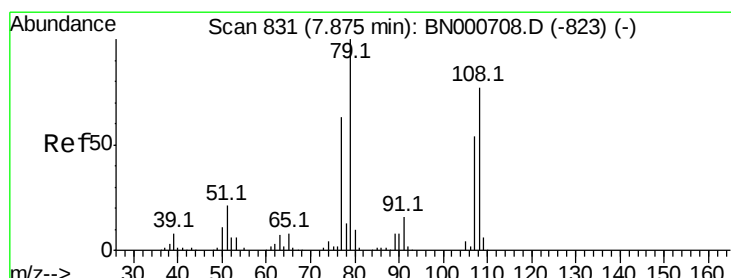
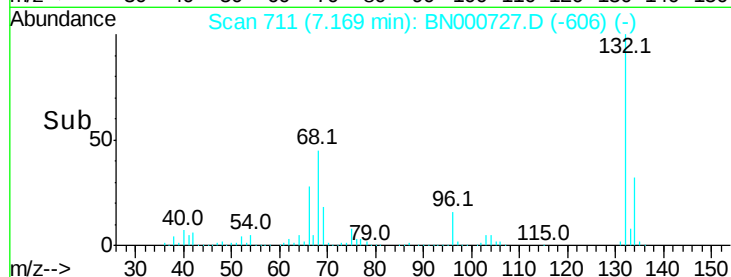
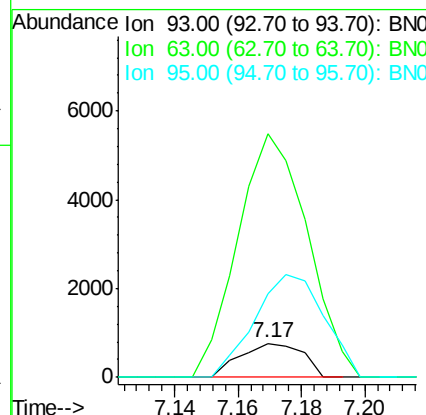
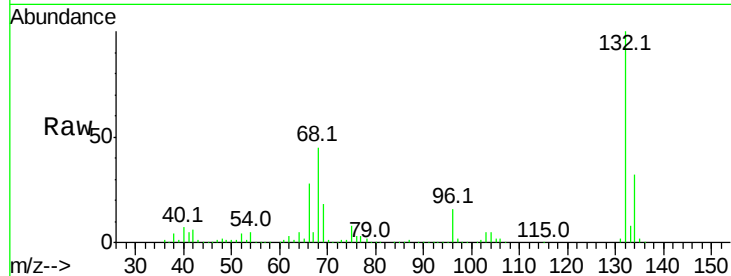




#11
 bis(2-Chloroethyl)ether
 Concen: 0.077 ng
 RT: 7.17 min Scan# 711
 Delta R.T. 0.09 min
 Lab File: BN000727.D
 Acq: 10 Apr 2018 01:27

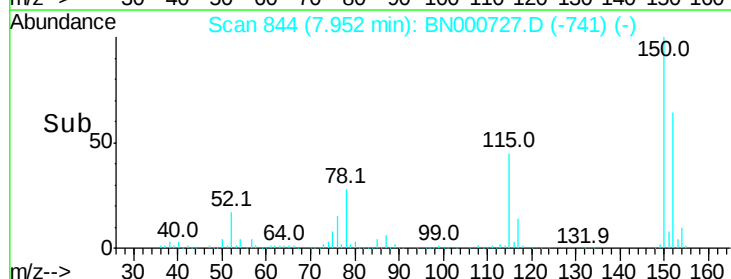
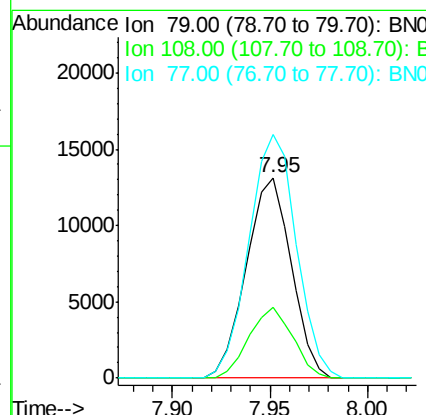
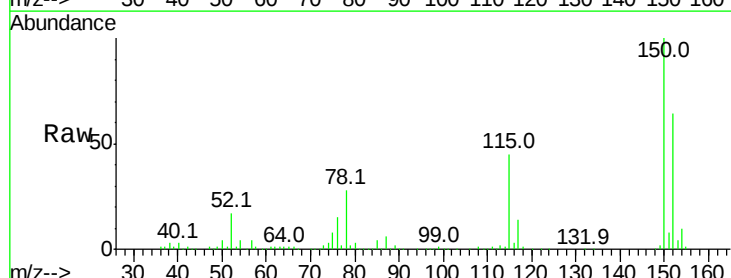
Instrument :
 BNA_N
 ClientSampleId :

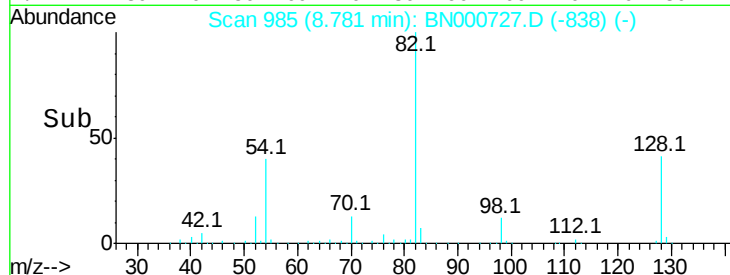
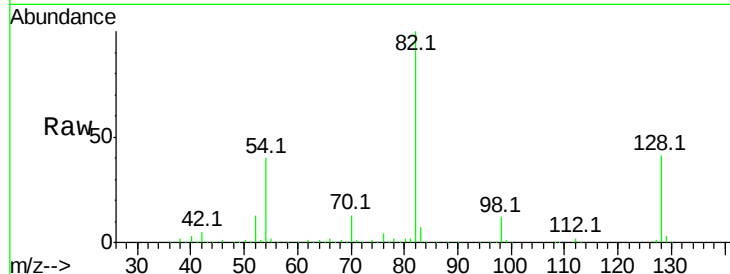
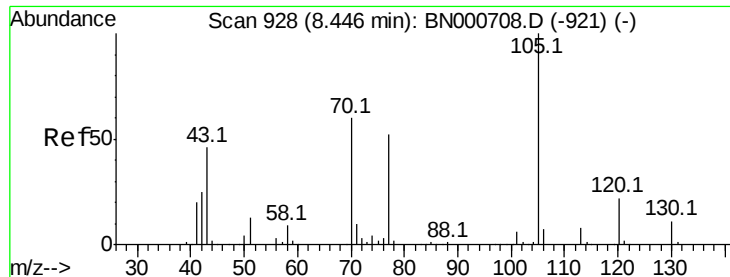
Tot Ion: 93 Resp: 1049
 Ion Ratio Lower Upper
 93 100
 63 722.5 67.1 107.1#
 95 247.2 11.5 51.5#



#15
 Benzyl Alcohol
 Concen: 1.978 ng
 RT: 7.95 min Scan# 844
 Delta R.T. 0.08 min
 Lab File: BN000727.D
 Acq: 10 Apr 2018 01:27

Tgt Ion: 79 Resp: 21047
 Ion Ratio Lower Upper
 79 100
 108 35.3 57.2 85.8#
 77 121.4 46.1 69.1#

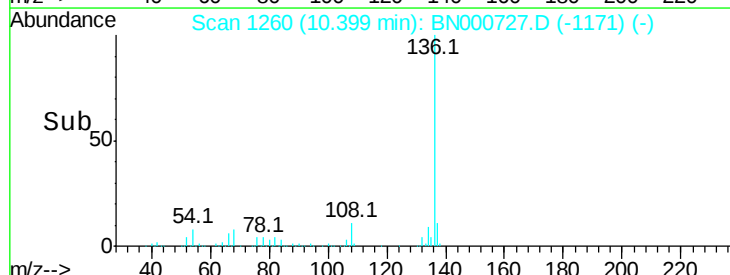
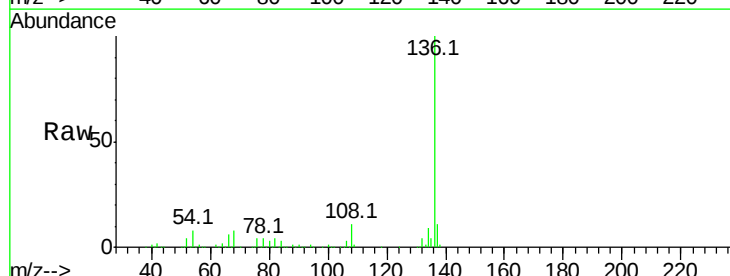
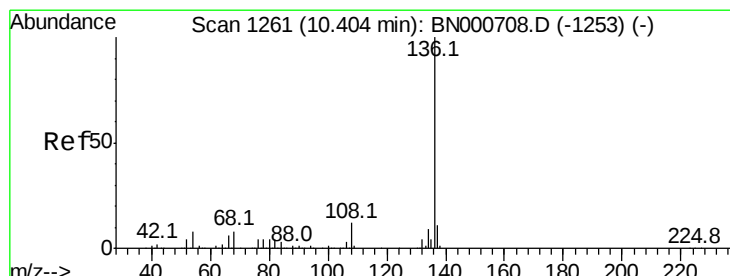
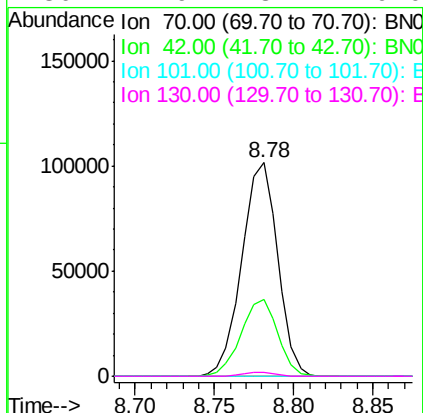




#19
n-Nitroso-di-n-propylamine
Concen: 16.312 ng
RT: 8.78 min Scan# 985
Delta R.T. 0.34 min
Lab File: BN000727.D
Acq: 10 Apr 2018 01:27

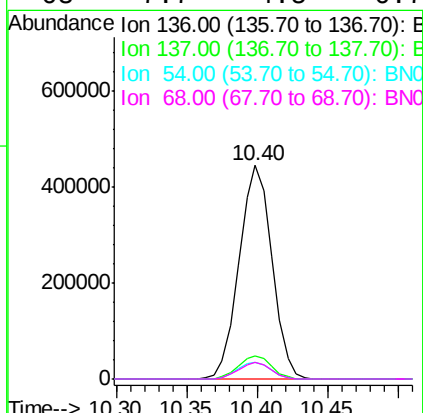
Instrument :
BNA_N
ClientSampleId :

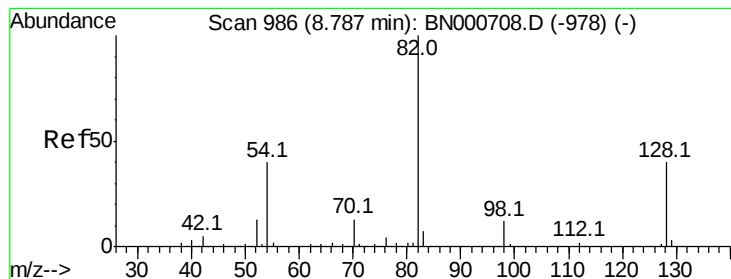
Tot Ion:	70	Resp:	159248
Ion	Ratio	Lower	Upper
70	100		
42	36.0	49.1	73.7#
101	0.0	8.5	12.7#
130	1.9	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.40 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BN000727.D
Acq: 10 Apr 2018 01:27

Tgt Ion:	136	Resp:	722458
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	7.9	10.3	15.5#
68	7.7	4.5	6.7#





#23

Nitrobenzene-d5

Concen: 92.413 ng

RT: 8.78 min Scan# 985

Delta R.T. -0.01 min

Lab File: BN000727.D

Acq: 10 Apr 2018 01:27

Instrument :

BNA_N

ClientSampleId :

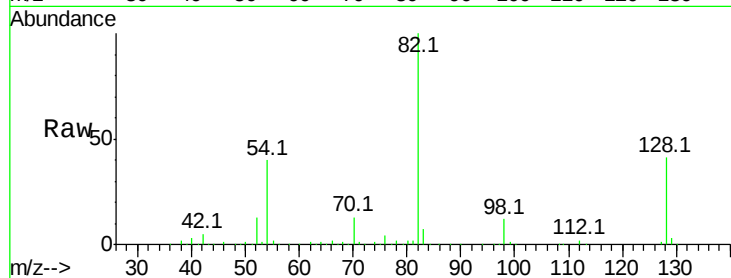
Tot Ion: 82 Resp: 1261664

Ion Ratio Lower Upper

82 100

128 40.9 29.7 44.5

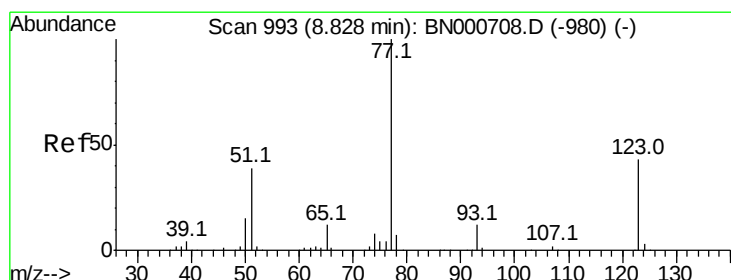
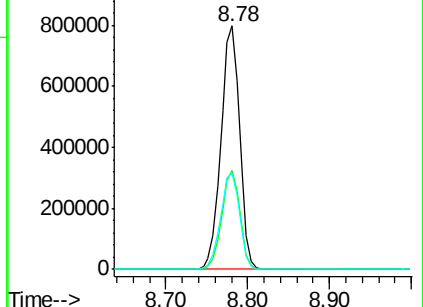
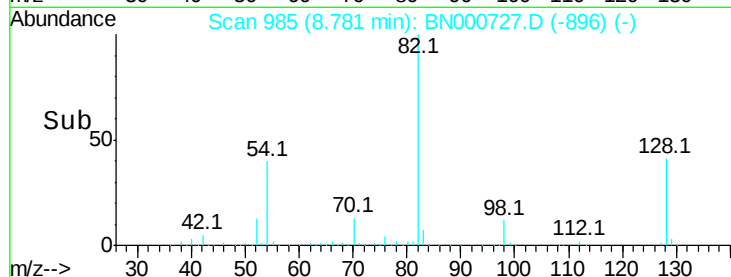
54 39.8 43.1 64.7#



Abundance Ion 82.00 (81.70 to 82.70): BN000727.D (-896) (-)

Ion 128.00 (127.70 to 128.70): BN000727.D (-896) (-)

Ion 54.00 (53.70 to 54.70): BN000727.D (-896) (-)



#24

Nitrobenzene

Concen: 0.245 ng

RT: 8.78 min Scan# 985

Delta R.T. -0.05 min

Lab File: BN000727.D

Acq: 10 Apr 2018 01:27

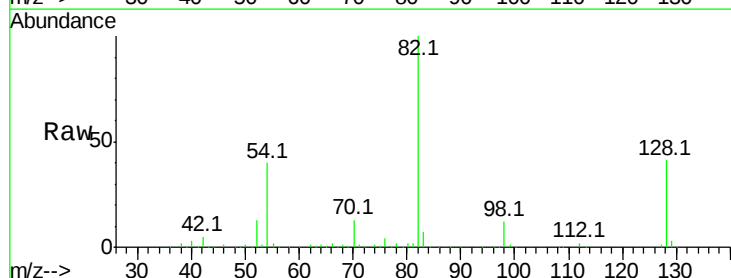
Tgt Ion: 77 Resp: 3637

Ion Ratio Lower Upper

77 100

123 0.0 33.0 49.6#

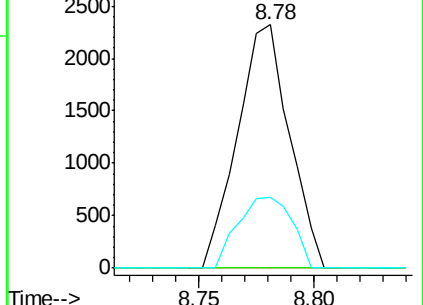
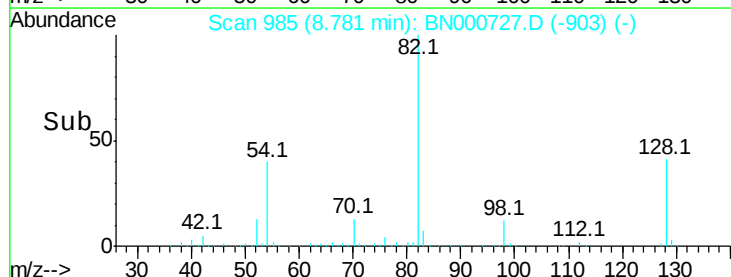
65 29.1 13.0 19.6#

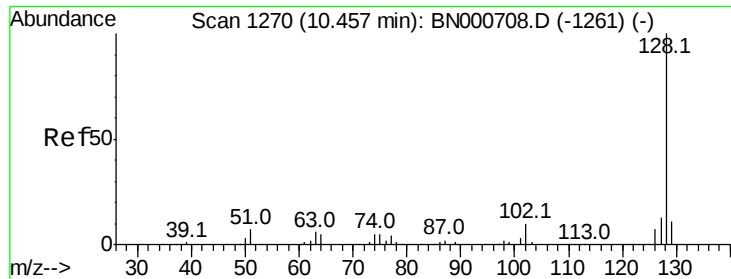


Abundance Ion 77.00 (76.70 to 77.70): BN000727.D (-903) (-)

Ion 123.00 (122.70 to 123.70): BN000727.D (-903) (-)

Ion 65.00 (64.70 to 65.70): BN000727.D (-903) (-)





#31

Naphthalene

Concen: 0.010 ng

RT: 10.45 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BN000727.D

Acq: 10 Apr 2018 01:27

Instrument :

BNA_N

ClientSampleId :

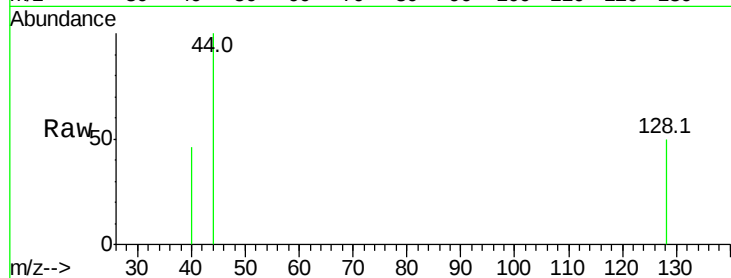
Tot Ion:128 Resp: 385

Ion Ratio Lower Upper

128 100

129 0.0 8.6 12.8#

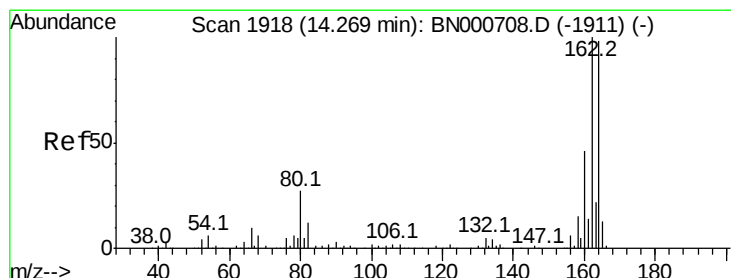
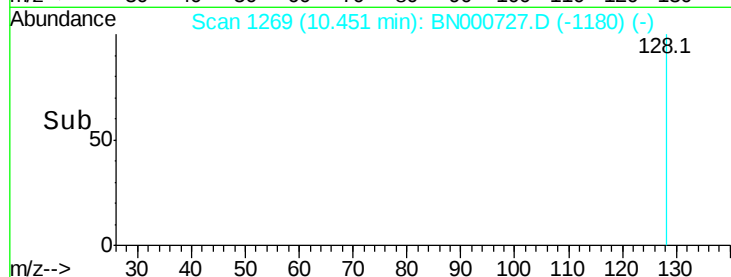
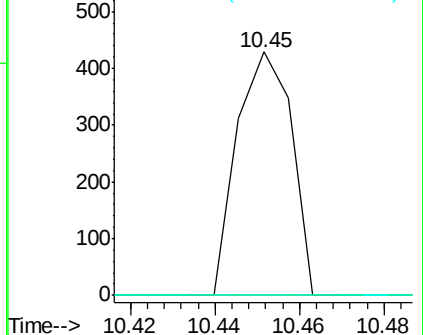
127 0.0 11.6 17.4#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.26 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BN000727.D

Acq: 10 Apr 2018 01:27

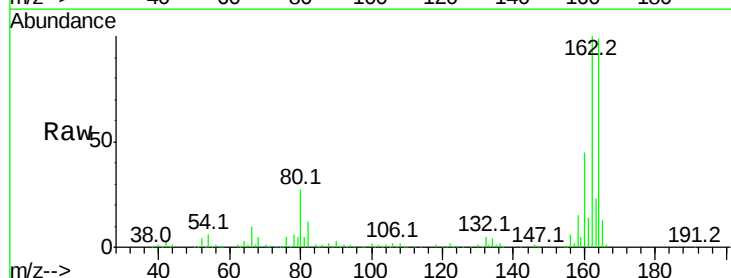
Tgt Ion:164 Resp: 373512

Ion Ratio Lower Upper

164 100

162 101.5 78.8 118.2

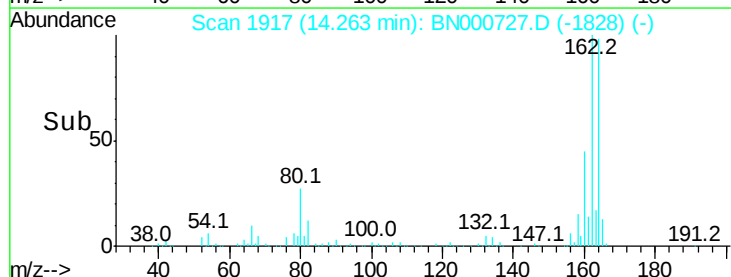
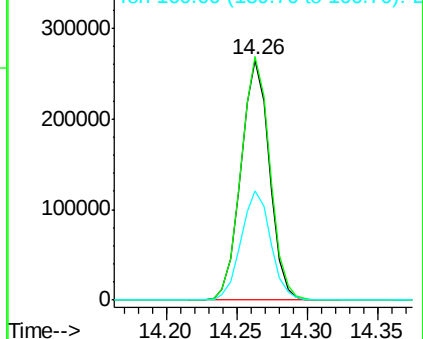
160 45.6 35.4 53.0

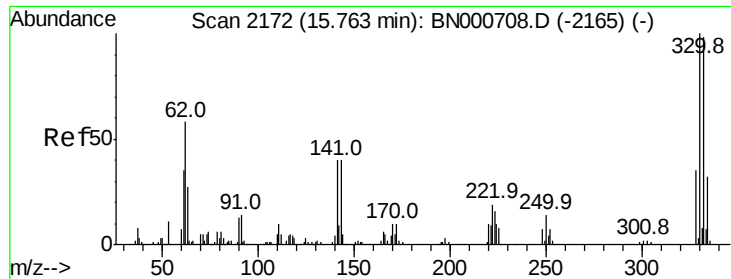


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

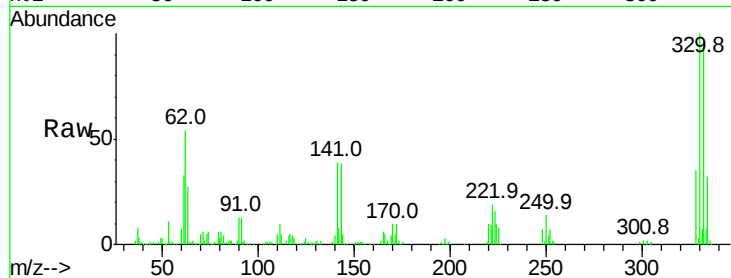




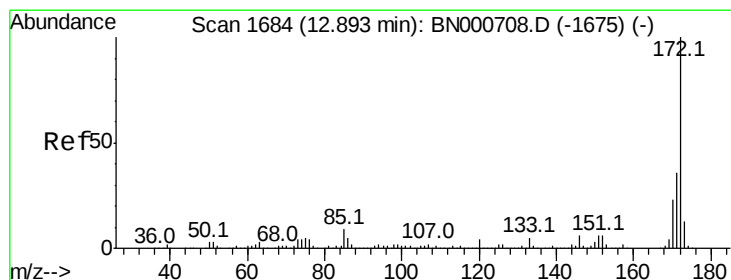
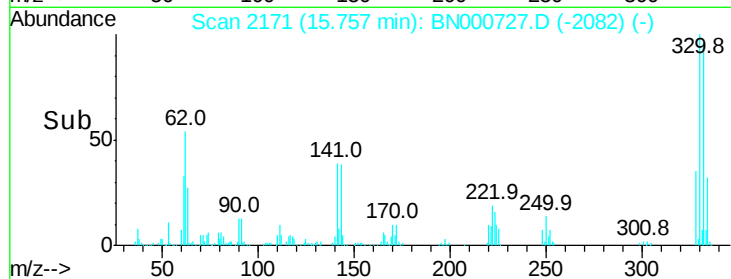
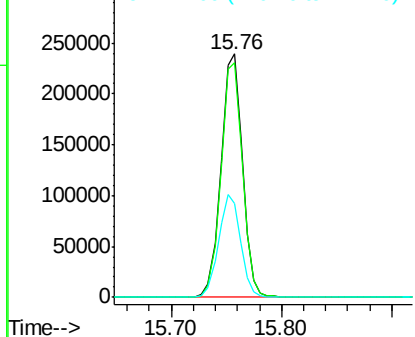
#41
 2,4,6-Tribromophenol
 Concen: 88.535 ng
 RT: 15.76 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BN000727.D
 Acq: 10 Apr 2018 01:27

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:330 Resp: 325129
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.0 115.6
 141 42.9 25.2 37.8#

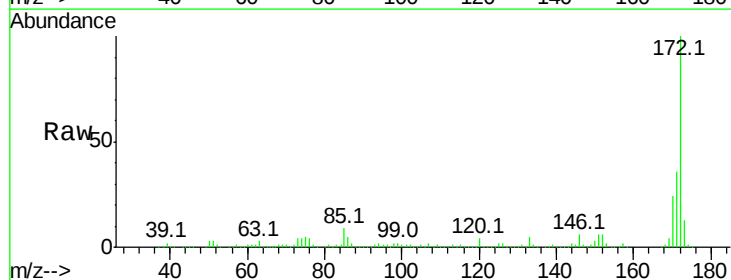


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

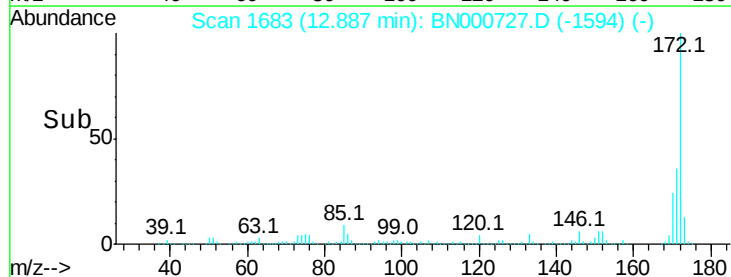
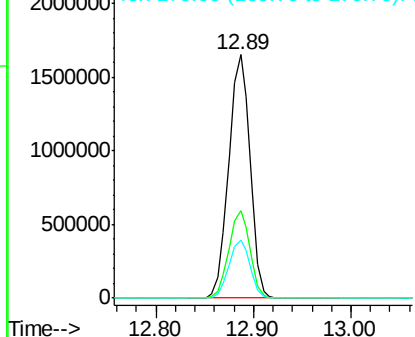


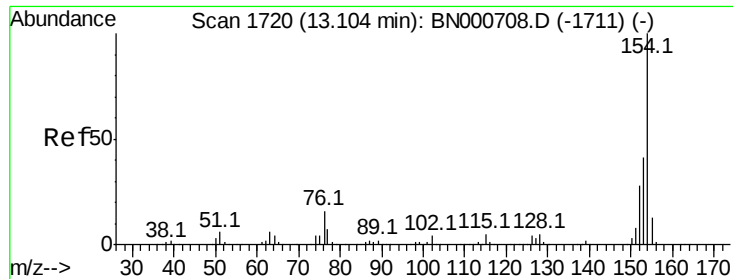
#44
 2-Fluorobiphenyl
 Concen: 91.934 ng
 RT: 12.89 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BN000727.D
 Acq: 10 Apr 2018 01:27

Tgt Ion:172 Resp: 2491475
 Ion Ratio Lower Upper
 172 100
 171 36.1 30.0 45.0
 170 24.1 19.5 29.3



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

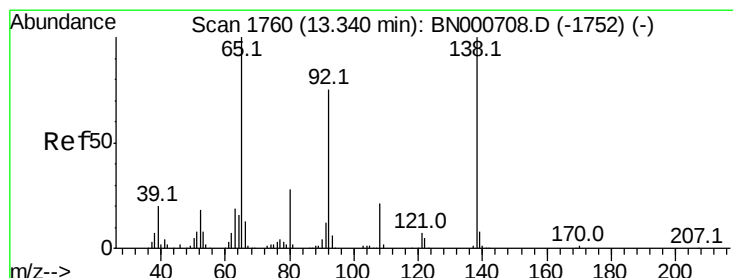
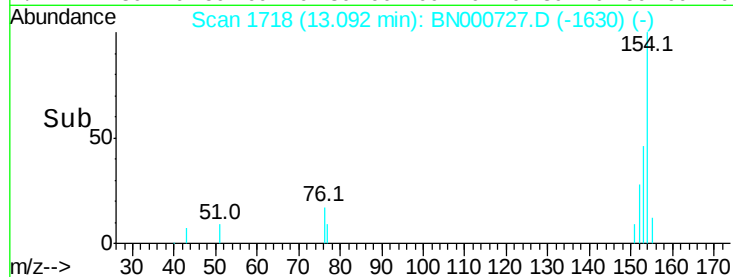
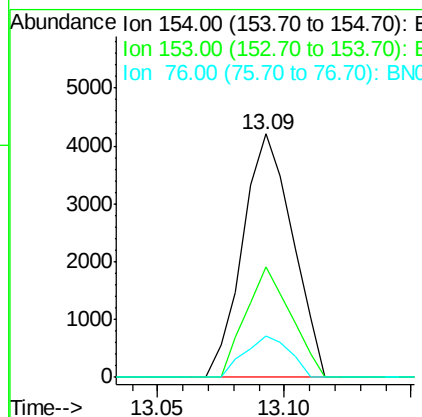
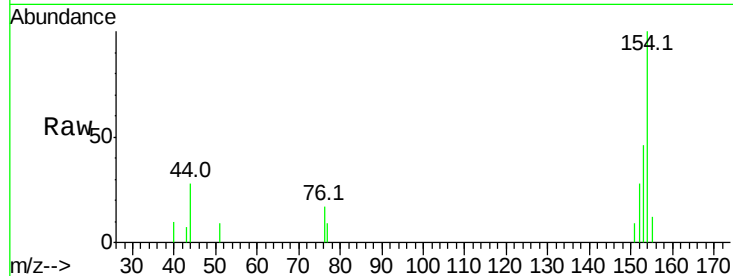




#45
 1,1'-Biphenyl
 Concen: 0.172 ng
 RT: 13.09 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BN000727.D
 Acq: 10 Apr 2018 01:27

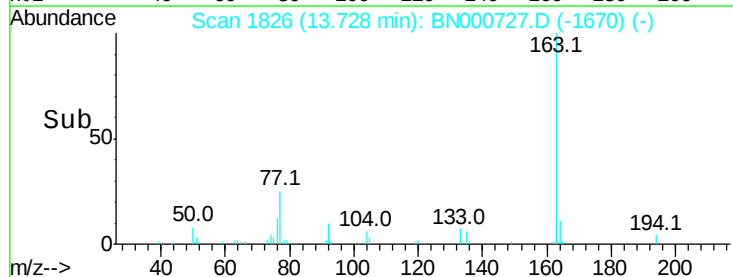
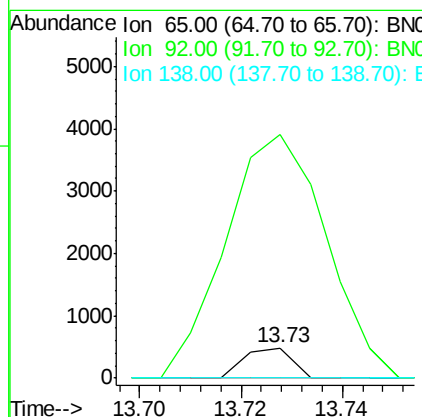
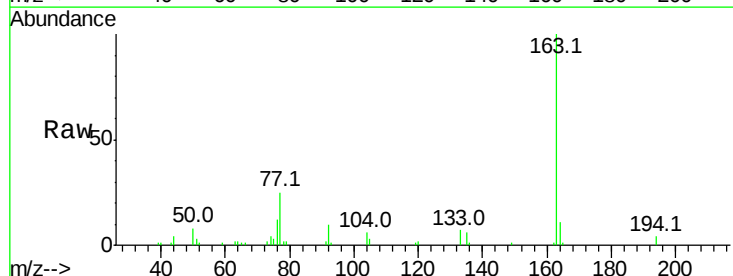
Instrument :
 BNA_N
 ClientSampled :

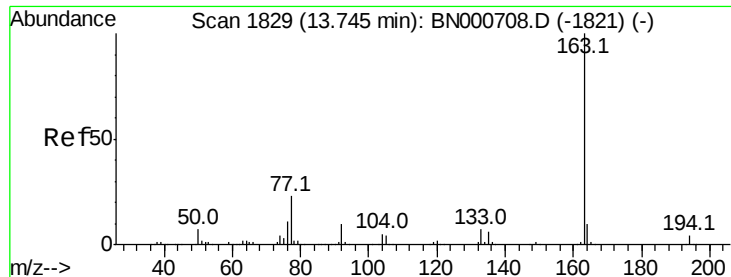
Tot Ion:	154	Resp:	5758
Ion	Ratio	Lower	Upper
154	100		
153	45.6	19.8	59.8
76	16.8	0.0	31.9



#47
 2-Nitroaniline
 Concen: 0.045 ng
 RT: 13.73 min Scan# 1826
 Delta R.T. 0.39 min
 Lab File: BN000727.D
 Acq: 10 Apr 2018 01:27

Tgt Ion:	65	Resp:	321
Ion	Ratio	Lower	Upper
65	100		
92	805.4	54.6	82.0#
138	0.0	72.9	109.3#

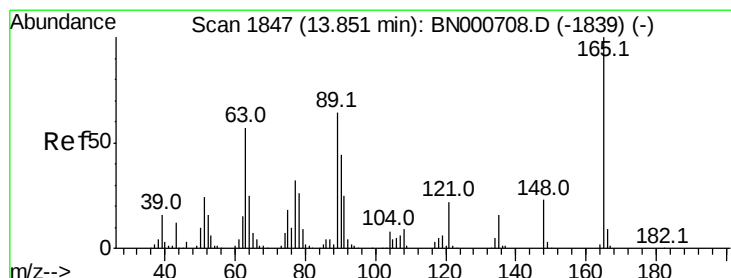
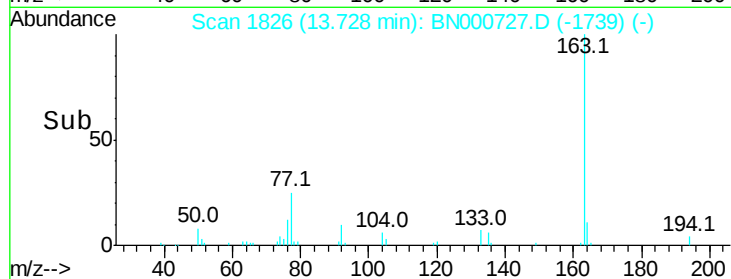
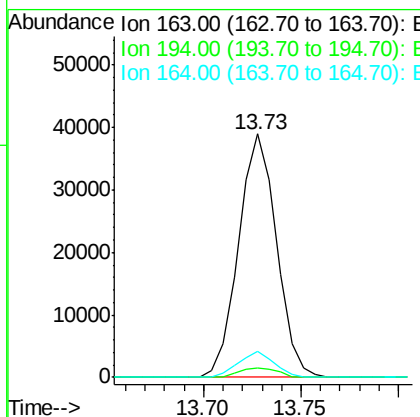
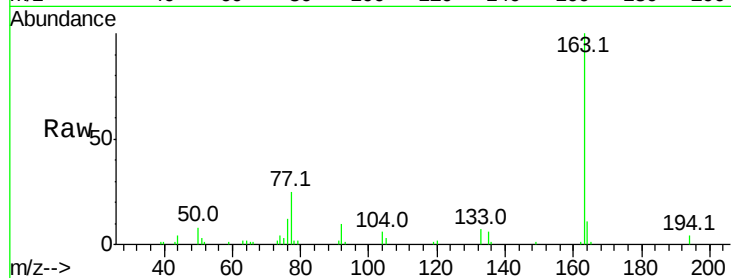




#49
Dimethylphthalate
Concen: 1.763 ng
RT: 13.73 min Scan# 1826
Delta R.T. -0.02 min
Lab File: BN000727.D
Acq: 10 Apr 2018 01:27

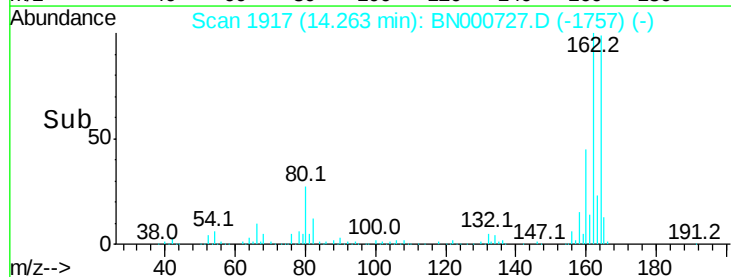
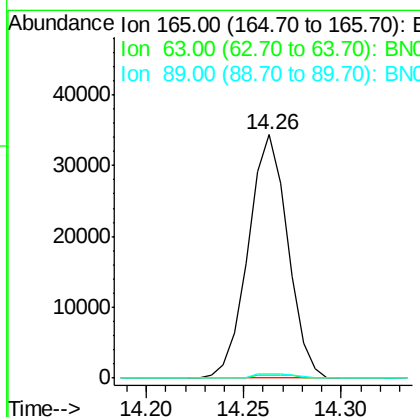
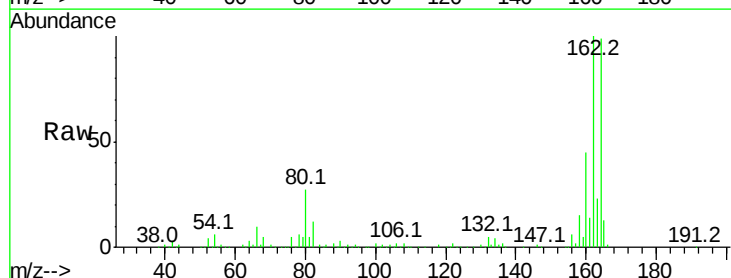
Instrument :
BNA_N
ClientSampleId :

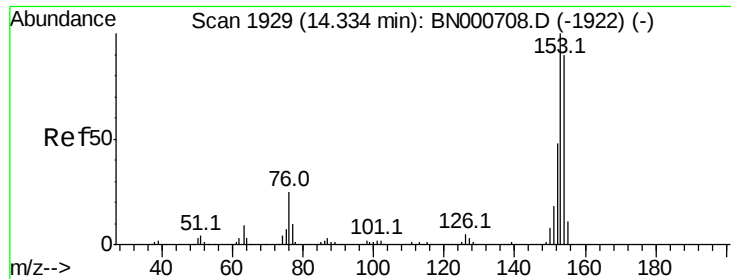
Tot Ion:163 Resp: 52418
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.2
164 10.9 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 7.827 ng
RT: 14.26 min Scan# 1917
Delta R.T. 0.41 min
Lab File: BN000727.D
Acq: 10 Apr 2018 01:27

Tgt Ion:165 Resp: 48190
Ion Ratio Lower Upper
165 100
63 1.3 52.7 79.1#
89 1.6 49.2 73.8#





#51

Acenaphthene

Concen: 0.048 ng

RT: 14.26 min Scan# 1917

Delta R.T. -0.07 min

Lab File: BN000727.D

Acq: 10 Apr 2018 01:27

Instrument :

BNA_N

ClientSampleId :

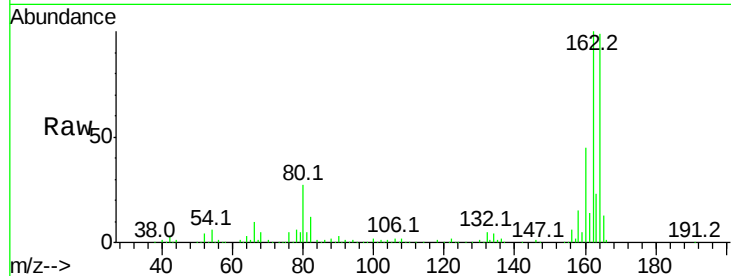
Tot Ion:154 Resp: 1178

Ion Ratio Lower Upper

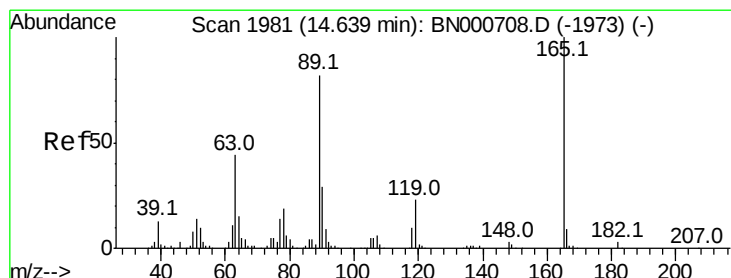
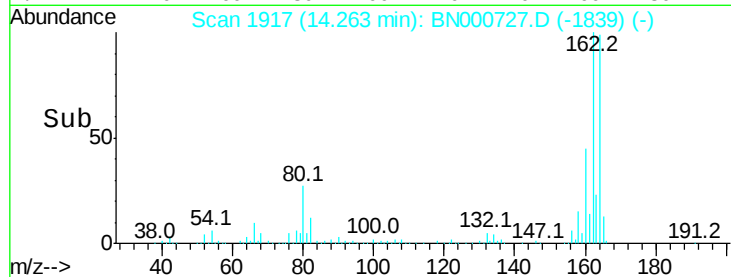
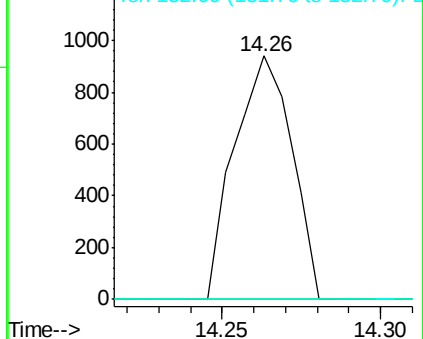
154 100

153 0.0 90.4 135.6#

152 0.0 41.6 62.4#



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#56

2,4-Dinitrotoluene

Concen: 6.028 ng

RT: 14.26 min Scan# 1917

Delta R.T. -0.38 min

Lab File: BN000727.D

Acq: 10 Apr 2018 01:27

Tgt Ion:165 Resp: 48190

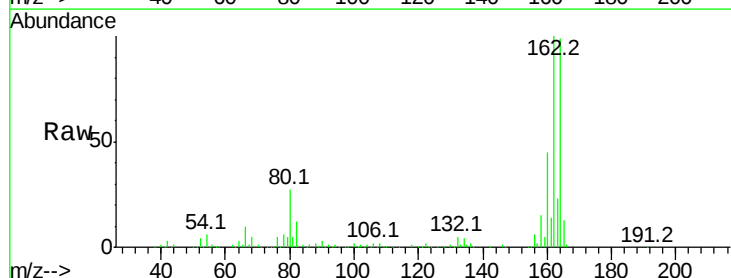
Ion Ratio Lower Upper

165 100

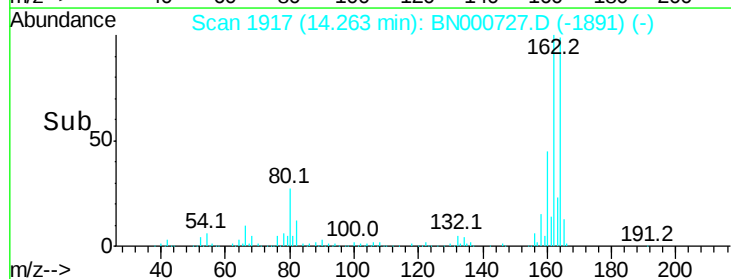
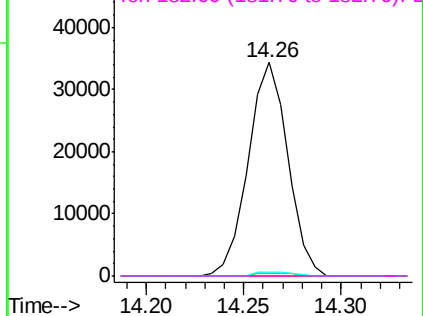
63 1.3 42.0 63.0#

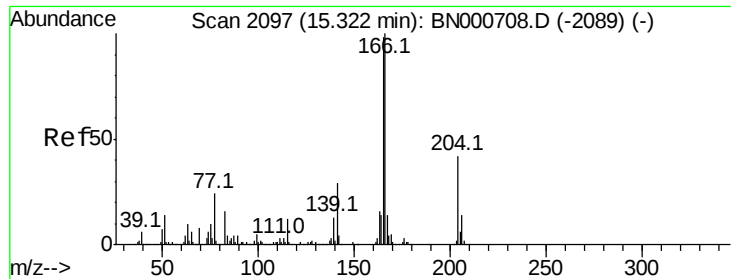
89 1.6 66.9 100.3#

182 0.0 2.6 3.8#



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

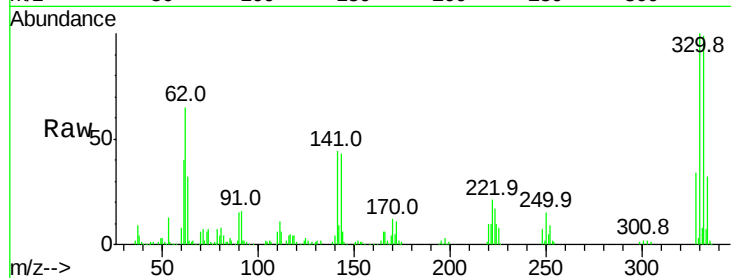




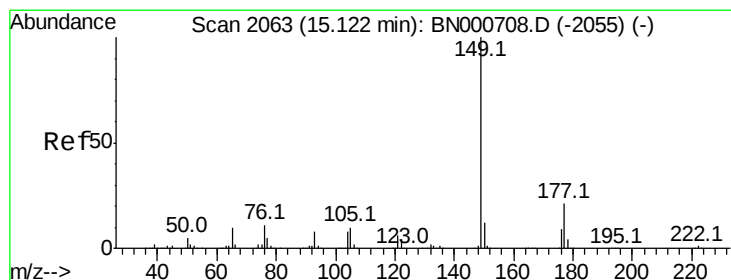
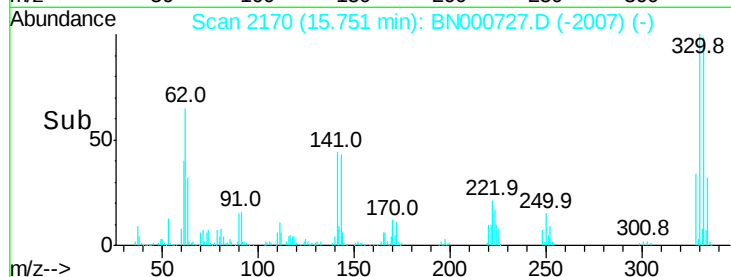
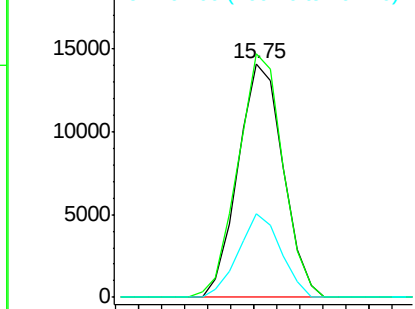
#57
Fluorene
Concen: 0.689 ng
RT: 15.75 min Scan# 2170
Delta R.T. 0.43 min
Lab File: BN000727.D
Acq: 10 Apr 2018 01:27

Instrument :
BNA_N
ClientSampleId :

Tot Ion:166 Resp: 19203
Ion Ratio Lower Upper
166 100
165 104.1 80.6 121.0
167 35.9 10.4 15.6#

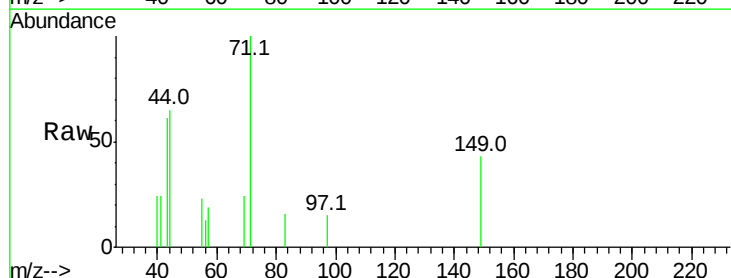


Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

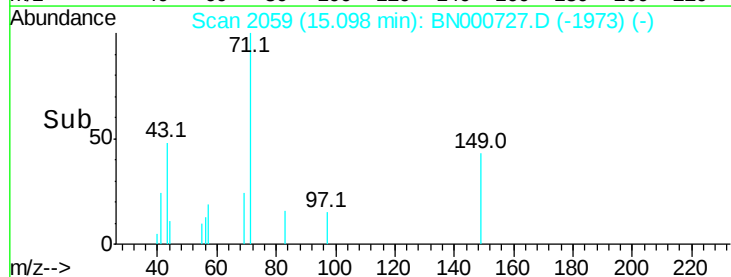
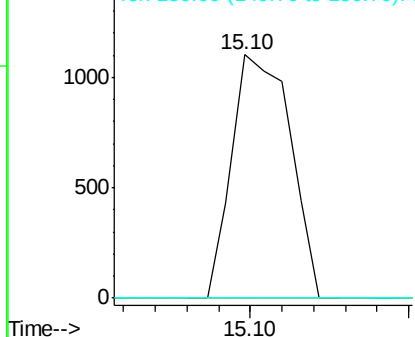


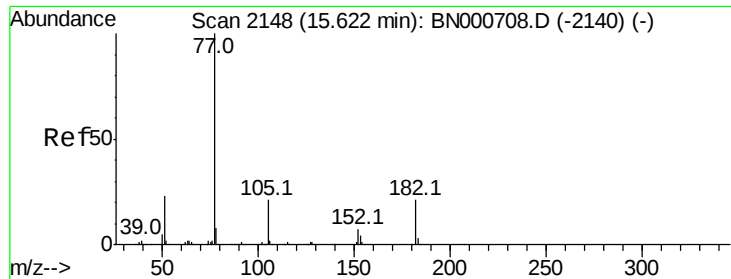
#59
Diethylphthalate
Concen: 0.048 ng
RT: 15.10 min Scan# 2059
Delta R.T. -0.02 min
Lab File: BN000727.D
Acq: 10 Apr 2018 01:27

Tgt Ion:149 Resp: 1407
Ion Ratio Lower Upper
149 100
177 0.0 18.5 27.7#
150 0.0 10.2 15.2#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





#62

Azobenzene

Concen: 0.084 ng

RT: 15.75 min Scan# 2170

Delta R.T. 0.13 min

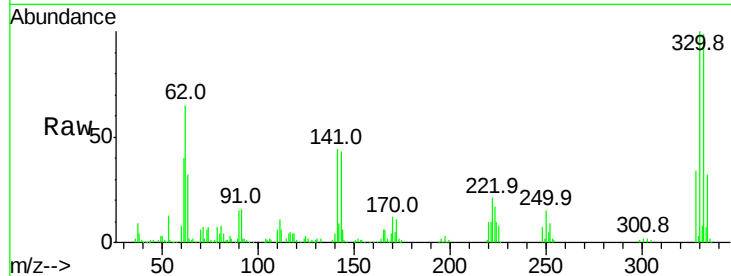
Lab File: BN000727.D

Acq: 10 Apr 2018 01:27

Instrument :

BNA_N

ClientSampled :



Tot Ion: 77 Resp: 2712

Ion Ratio Lower Upper

77 100

182 0.0 7.4 47.4#

105 90.6 0.3 40.3#

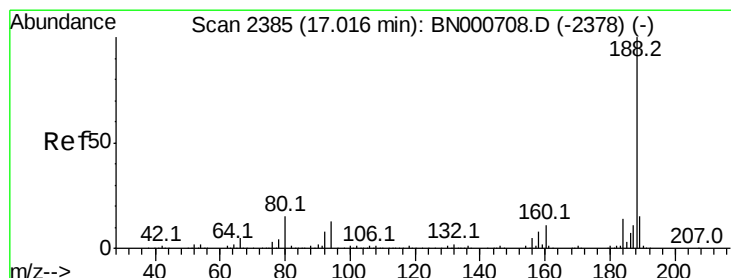
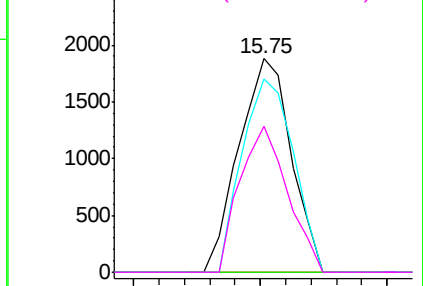
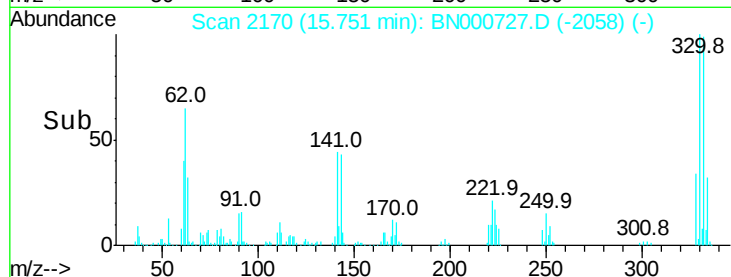
51 68.2 11.6 51.6#

Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 182.00 (181.70 to 182.70): BNC

Ion 105.00 (104.70 to 105.70): BNC

Ion 51.00 (50.70 to 51.70): BNC



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.01 min Scan# 2384

Delta R.T. -0.01 min

Lab File: BN000727.D

Acq: 10 Apr 2018 01:27

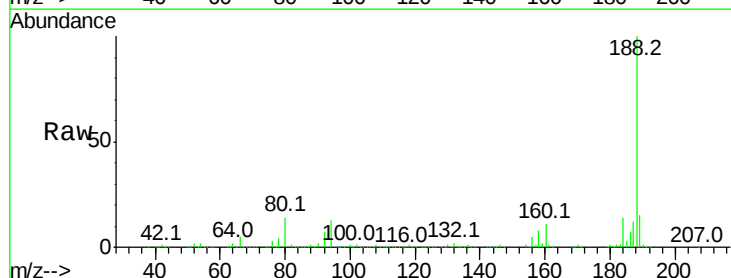
Tgt Ion: 188 Resp: 730753

Ion Ratio Lower Upper

188 100

94 12.8 6.9 10.3#

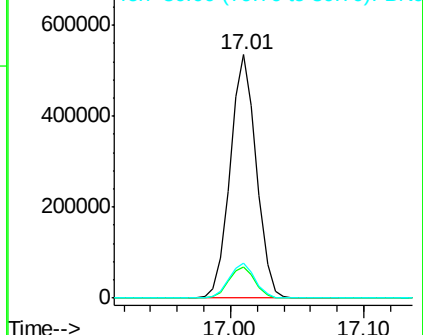
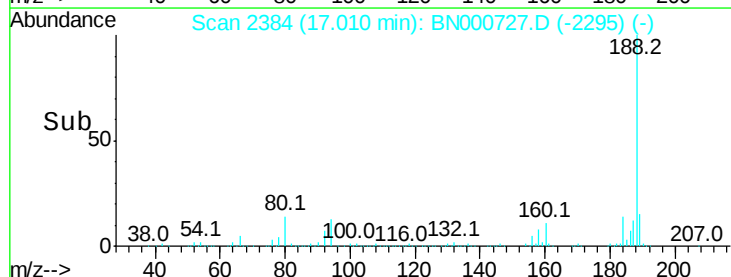
80 14.1 7.7 11.5#

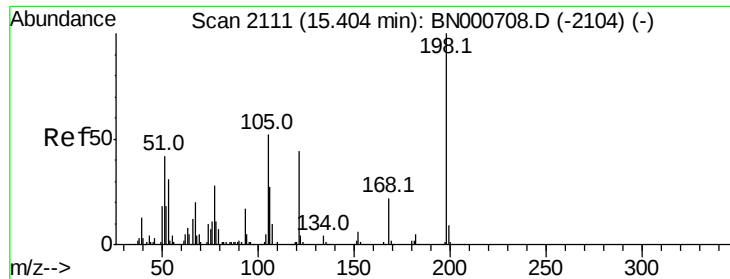


Abundance Ion 188.00 (187.70 to 188.70): BNC

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

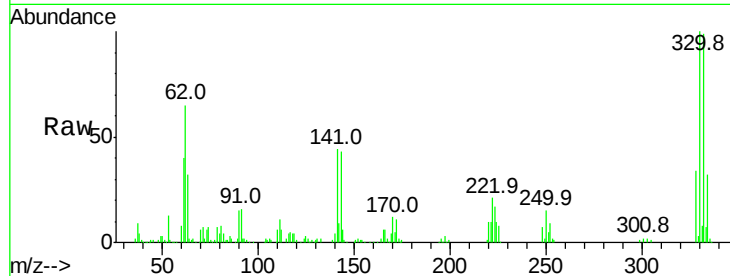




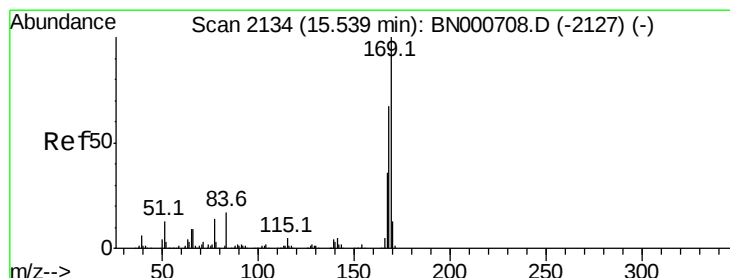
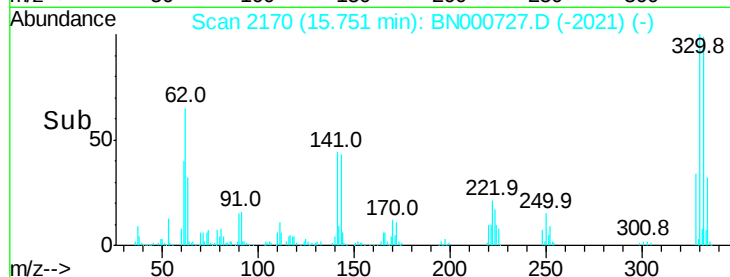
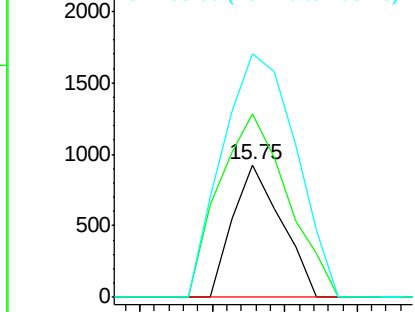
#64
 4,6-Dinitro-2-methylphenol
 Concen: 0.199 ng
 RT: 15.75 min Scan# 2170
 Delta R.T. 0.35 min
 Lab File: BN000727.D
 Acq: 10 Apr 2018 01:27

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:198 Resp: 865
 Ion Ratio Lower Upper
 198 100
 51 138.4 30.6 70.6#
 105 183.7 23.8 63.8#

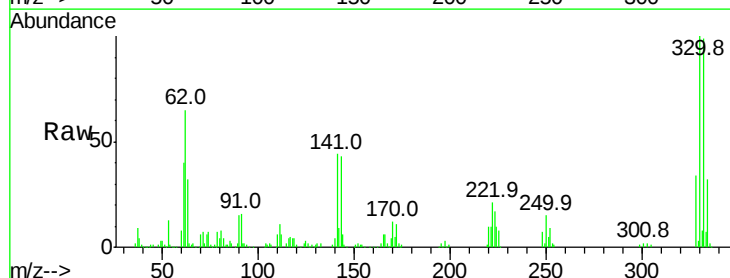


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BNO
 Ion 105.00 (104.70 to 105.70): E

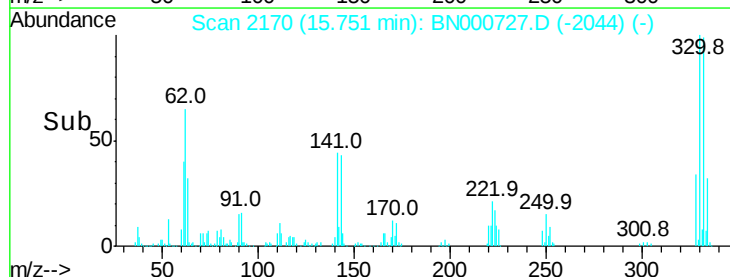
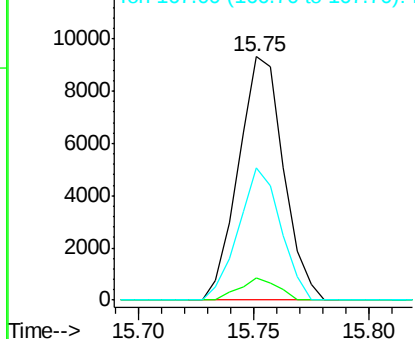


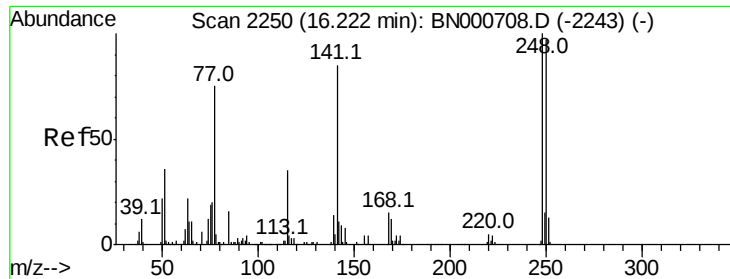
#65
 n-Nitrosodiphenylamine
 Concen: 0.520 ng
 RT: 15.75 min Scan# 2170
 Delta R.T. 0.21 min
 Lab File: BN000727.D
 Acq: 10 Apr 2018 01:27

Tgt Ion:169 Resp: 12682
 Ion Ratio Lower Upper
 169 100
 168 8.9 55.7 83.5#
 167 54.4 30.1 45.1#



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

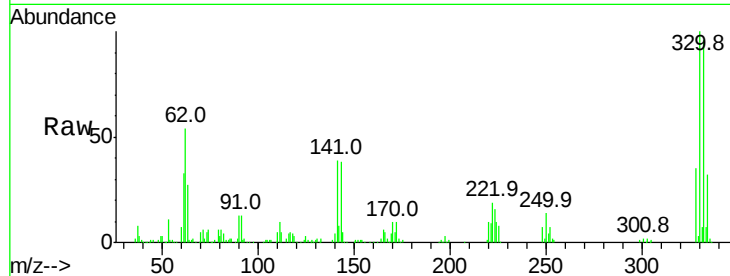




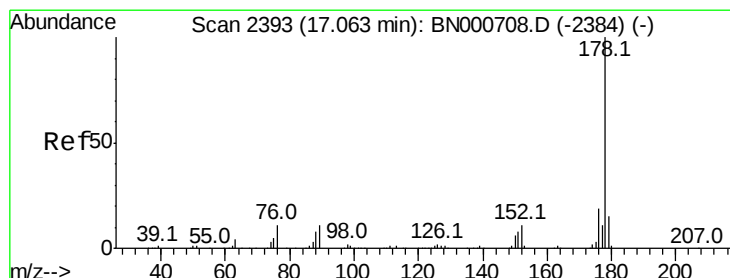
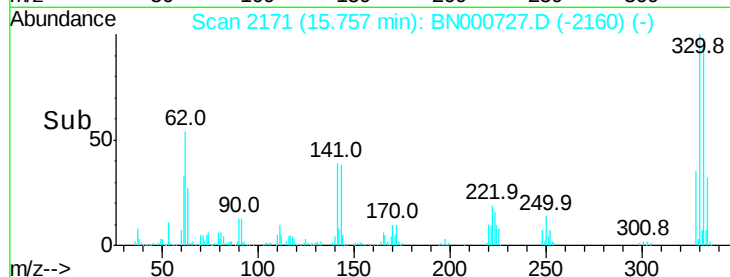
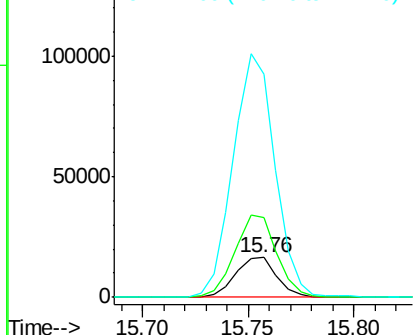
#66
 4-Bromophenyl-phenylether
 Concen: 3.092 ng
 RT: 15.76 min Scan# 2171
 Delta R.T. -0.46 min
 Lab File: BN000727.D
 Acq: 10 Apr 2018 01:27

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:248 Resp: 22592
 Ion Ratio Lower Upper
 248 100
 250 199.1 77.1 115.7#
 141 557.6 50.8 76.2#

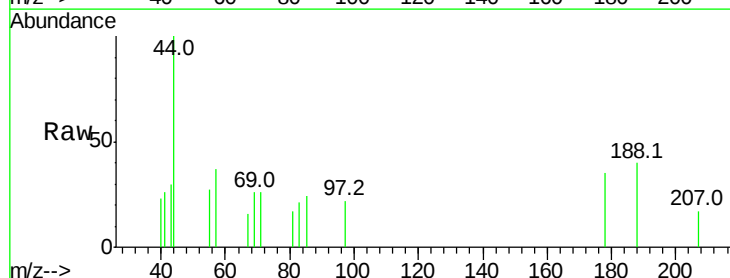


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

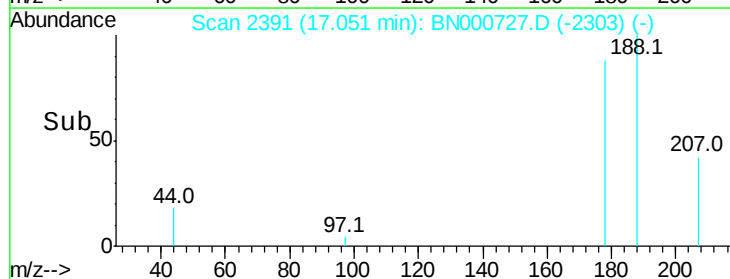
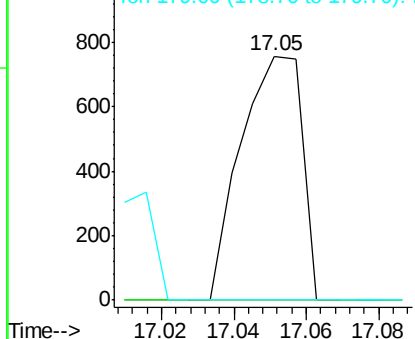


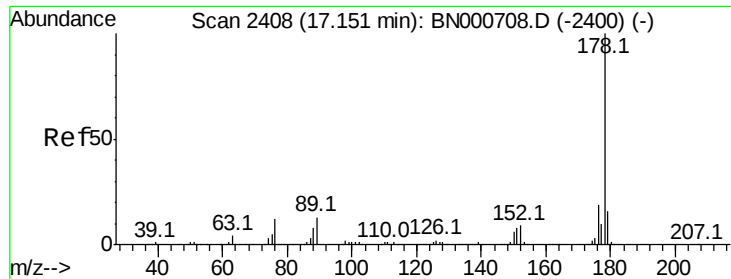
#70
 Phenanthrene
 Concen: 0.021 ng
 RT: 17.05 min Scan# 2391
 Delta R.T. -0.01 min
 Lab File: BN000727.D
 Acq: 10 Apr 2018 01:27

Tgt Ion:178 Resp: 885
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.7 23.5#
 179 0.0 12.5 18.7#



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

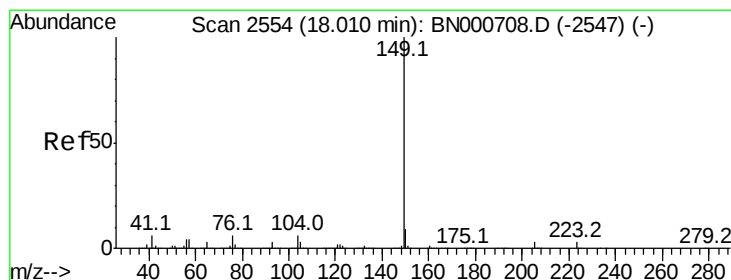
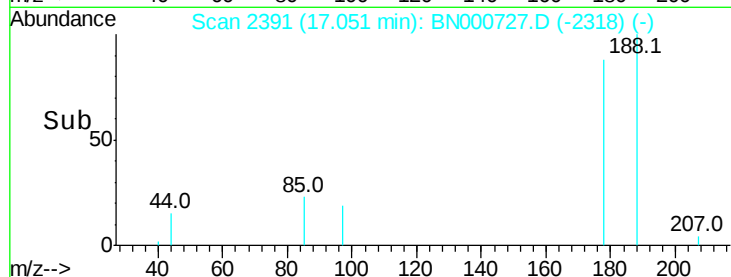
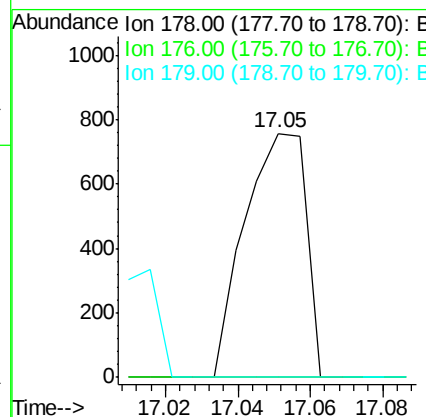
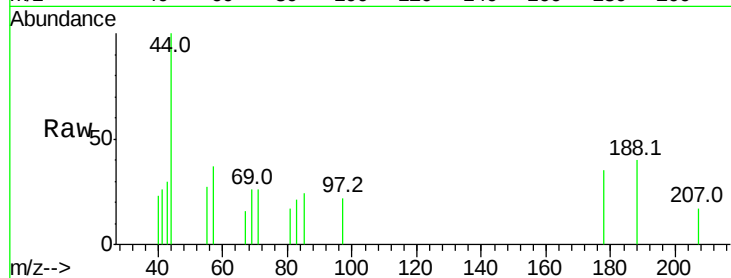




#71
 Anthracene
 Concen: 0.021 ng
 RT: 17.05 min Scan# 2391
 Delta R.T. -0.10 min
 Lab File: BN000727.D
 Acq: 10 Apr 2018 01:27

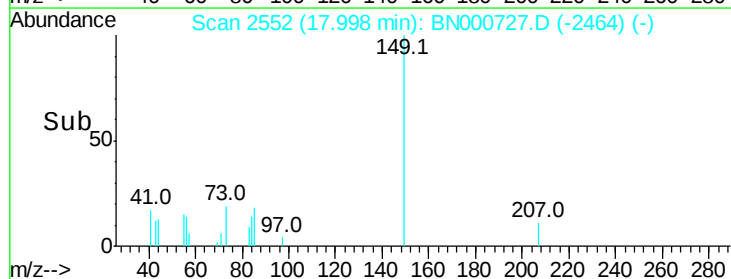
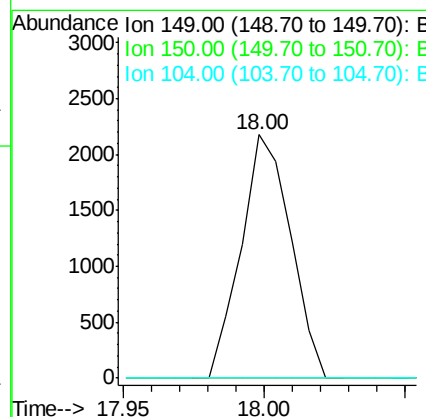
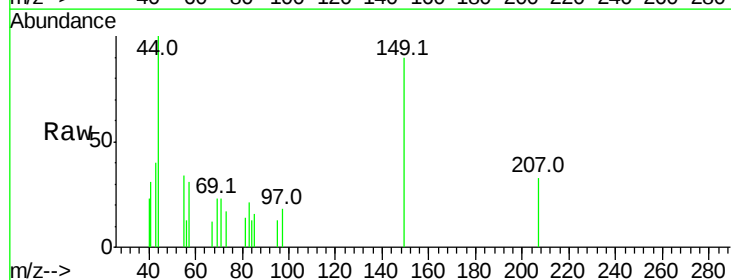
Instrument :
 BNA_N
 ClientSampleId :

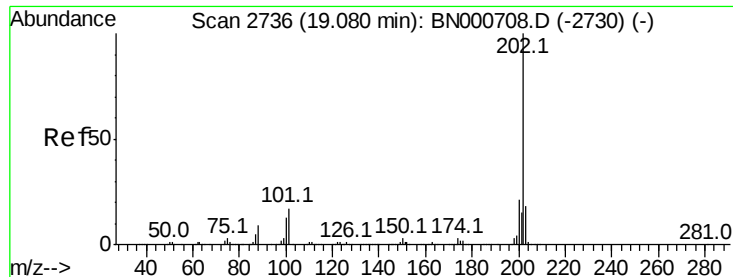
Tot Ion:178 Resp: 885
 Ion Ratio Lower Upper
 178 100
 176 0.0 16.0 24.0#
 179 0.0 12.5 18.7#



#73
 Di-n-butylphthalate
 Concen: 0.058 ng
 RT: 18.00 min Scan# 2552
 Delta R.T. -0.01 min
 Lab File: BN000727.D
 Acq: 10 Apr 2018 01:27

Tgt Ion:149 Resp: 2648
 Ion Ratio Lower Upper
 149 100
 150 0.0 7.8 11.6#
 104 0.0 3.9 5.9#





#74

Fluoranthene

Concen: 0.016 ng

RT: 19.07 min Scan# 2734

Delta R.T. -0.01 min

Lab File: BN000727.D

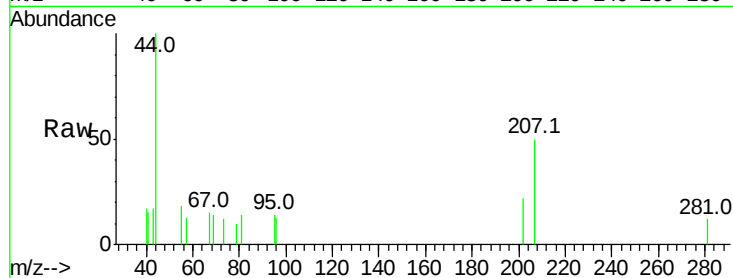
Acq: 10 Apr 2018 01:27

Instrument :

BNA_N

ClientSampleId :

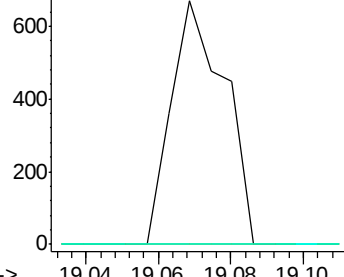
Tot Ion:	202	Resp:	691
Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	28.9
203	0.0	0.0	37.5



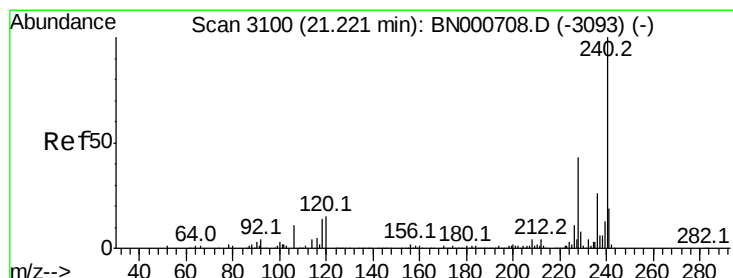
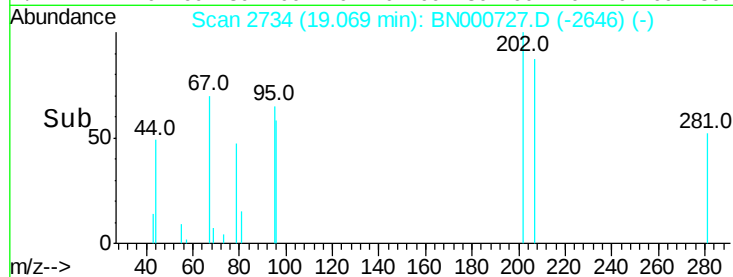
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

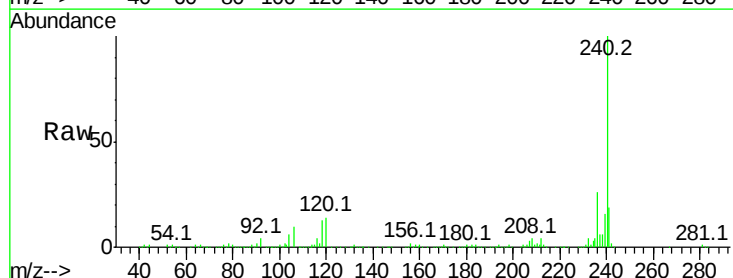
RT: 21.22 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BN000727.D

Acq: 10 Apr 2018 01:27

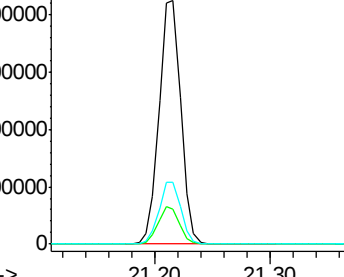
Tgt Ion:	240	Resp:	553950
Ion	Ratio	Lower	Upper
240	100		
120	14.4	6.8	10.2#
236	25.6	20.9	31.3



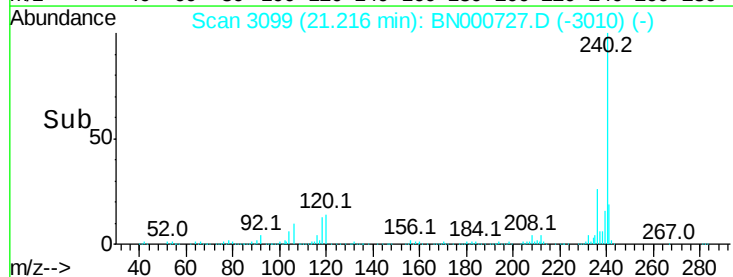
Abundance Ion 240.00 (239.70 to 240.70): E

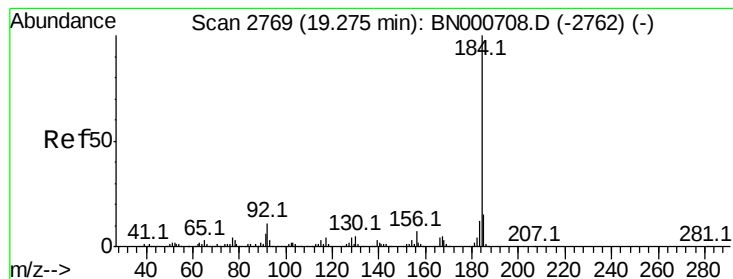
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#76

Benzidine

Concen: 2.576 ng

RT: 19.66 min Scan# 2835

Delta R.T. 0.39 min

Lab File: BN000727.D

Acq: 10 Apr 2018 01:27

Instrument :

BNA_N

ClientSampleId :

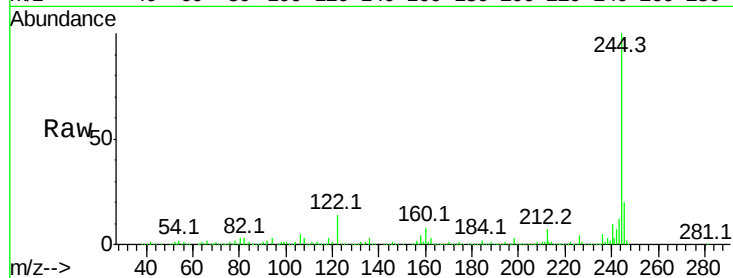
Tot Ion:184 Resp: 39003

Ion Ratio Lower Upper

184 100

185 15.7 11.1 16.7

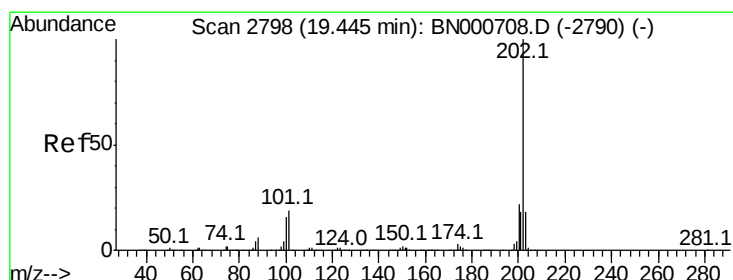
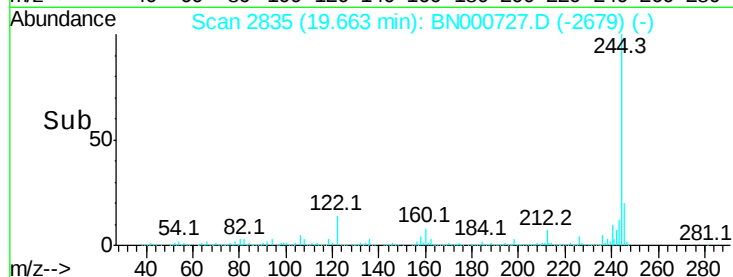
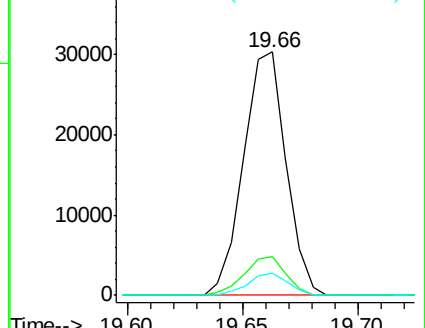
183 9.2 10.6 16.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 0.019 ng

RT: 19.43 min Scan# 2796

Delta R.T. -0.01 min

Lab File: BN000727.D

Acq: 10 Apr 2018 01:27

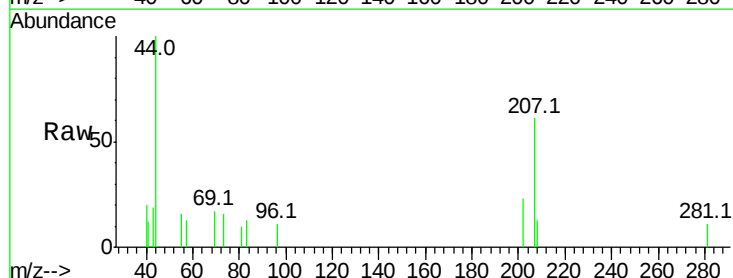
Tgt Ion:202 Resp: 767

Ion Ratio Lower Upper

202 100

200 0.0 16.9 25.3#

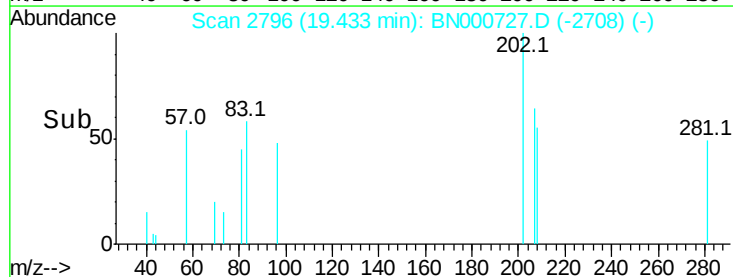
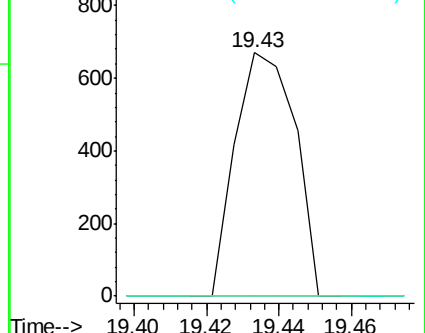
203 0.0 13.9 20.9#

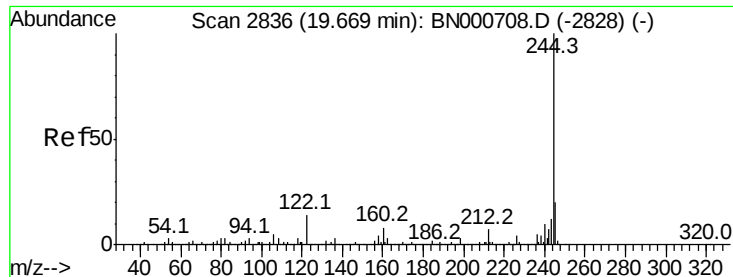


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 99.190 ng

RT: 19.66 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BN000727.D

Acq: 10 Apr 2018 01:27

Instrument :

BNA_N

ClientSampled :

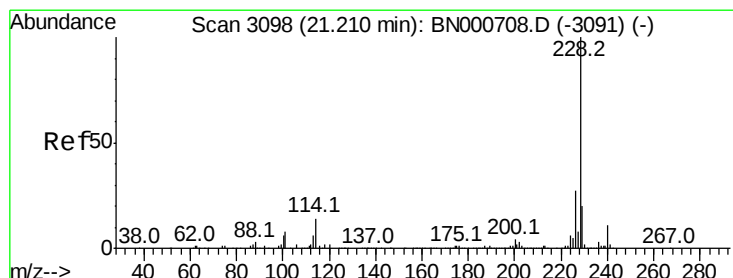
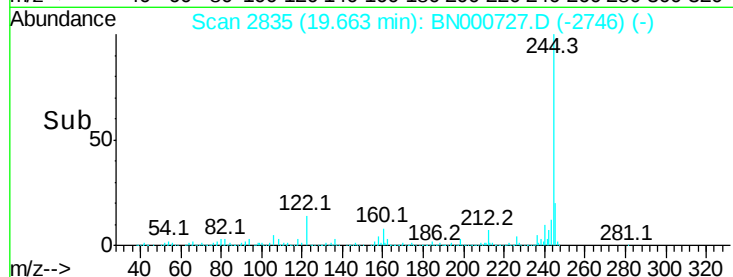
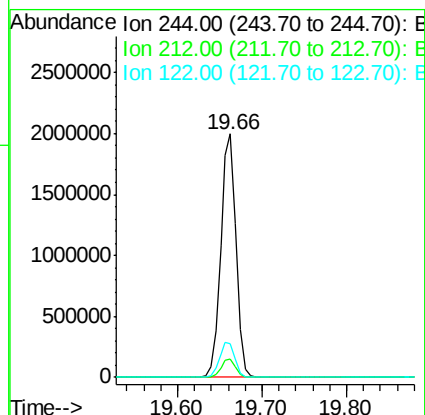
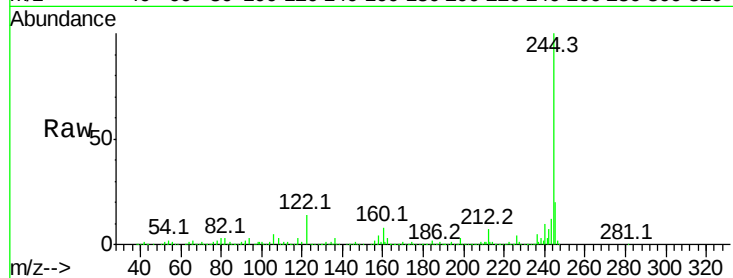
Tot Ion:244 Resp: 2515585

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

122 14.0 7.0 10.4#



#80

Benzo(a)anthracene

Concen: 0.049 ng

RT: 21.22 min Scan# 3099

Delta R.T. 0.01 min

Lab File: BN000727.D

Acq: 10 Apr 2018 01:27

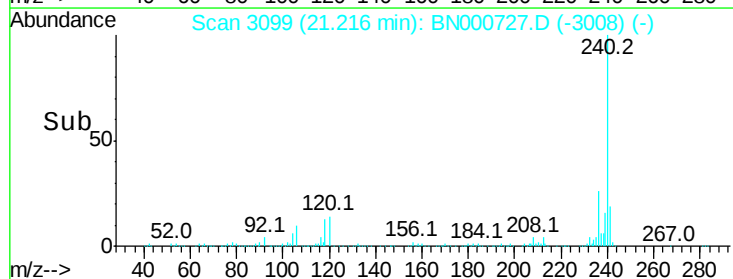
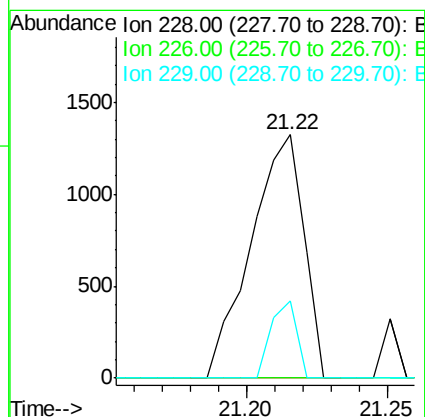
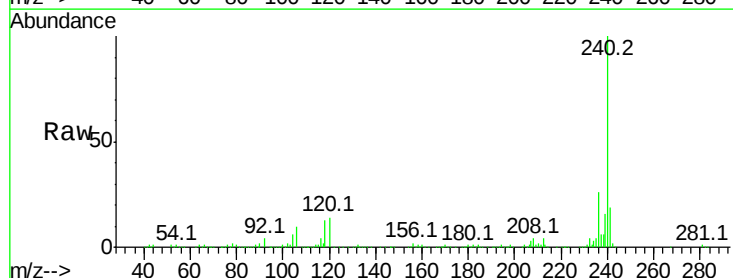
Tgt Ion:228 Resp: 1713

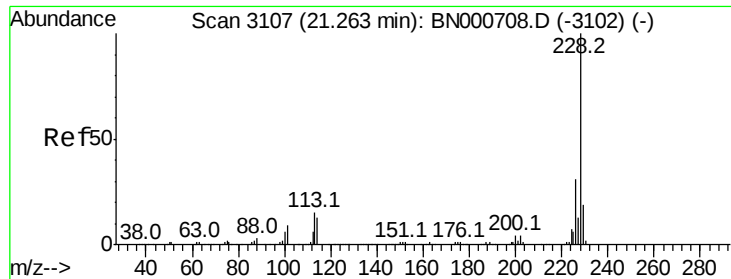
Ion Ratio Lower Upper

228 100

226 0.0 22.7 34.1#

229 31.8 16.2 24.2#





#82

Chrysene

Concen: 0.003 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BN000727.D

Acq: 10 Apr 2018 01:27

Instrument :

BNA_N

ClientSampleId :

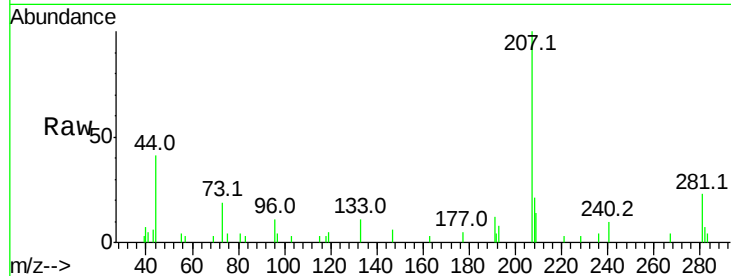
Tot Ion:228 Resp: 114

Ion Ratio Lower Upper

228 100

226 0.0 24.9 37.3#

229 0.0 15.0 22.4#



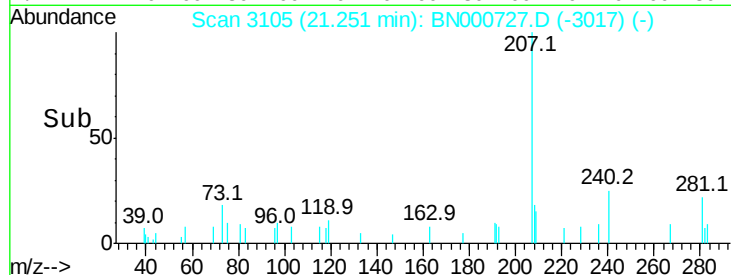
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

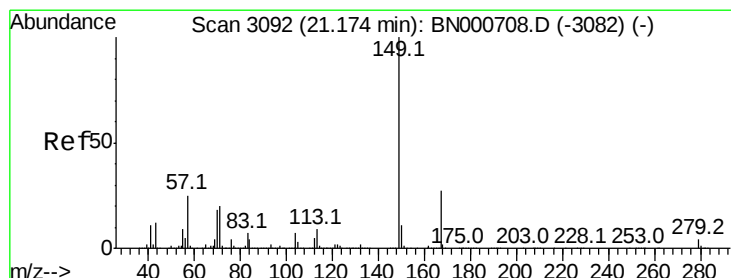
Ion 229.00 (228.70 to 229.70): E

21.25

21.24 21.26



Time-->



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.062 ng

RT: 21.16 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BN000727.D

Acq: 10 Apr 2018 01:27

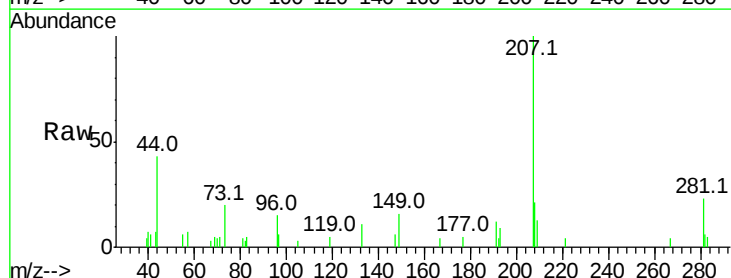
Tgt Ion:149 Resp: 1547

Ion Ratio Lower Upper

149 100

167 24.9 24.3 36.5

279 0.0 4.0 6.0#



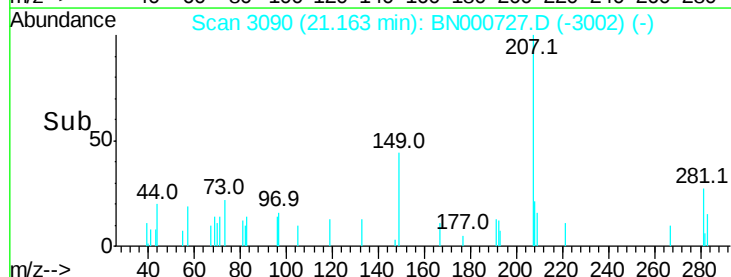
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

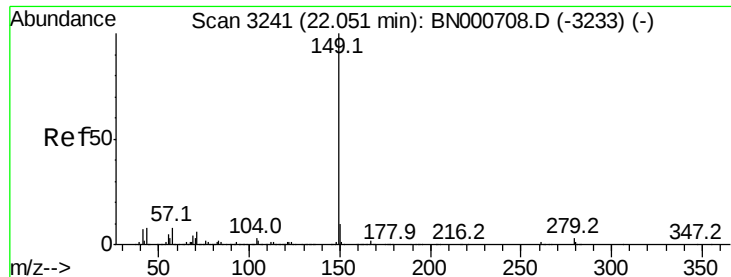
Ion 279.00 (278.70 to 279.70): E

21.16

21.15 21.20



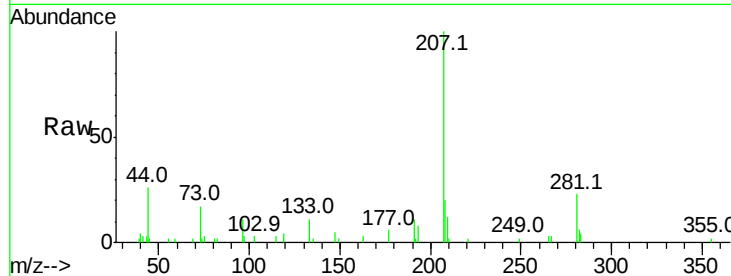
Time-->



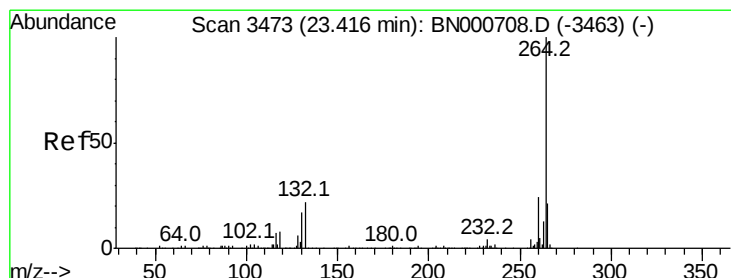
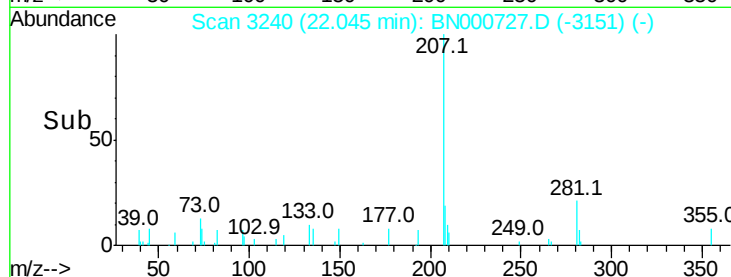
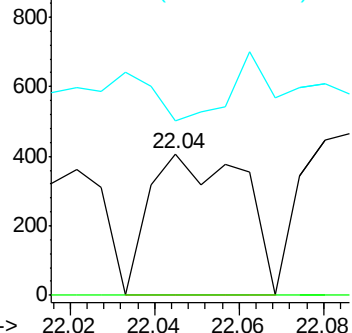
#84
Di-n-octyl phthalate
Concen: 0.018 ng
RT: 22.04 min Scan# 3240
Delta R.T. -0.01 min
Lab File: BN000727.D
Acq: 10 Apr 2018 01:27

Instrument :
BNA_N
ClientSampled :

Tot Ion:149 Resp: 626
Ion Ratio Lower Upper
149 100
167 0.0 1.4 2.0#
43 23.6 8.9 13.3#

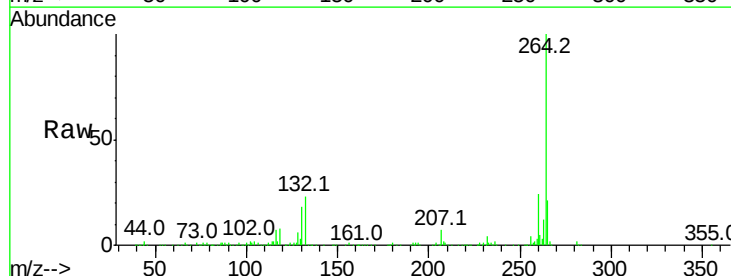


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BNC

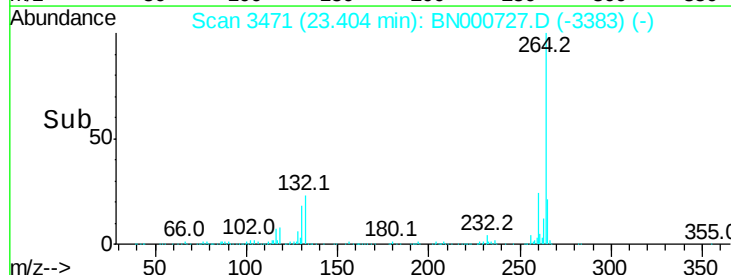
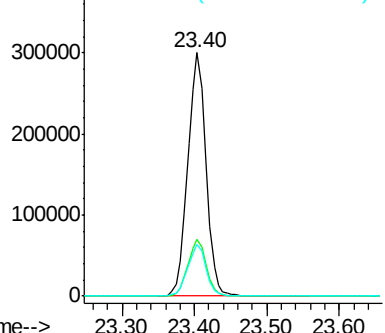


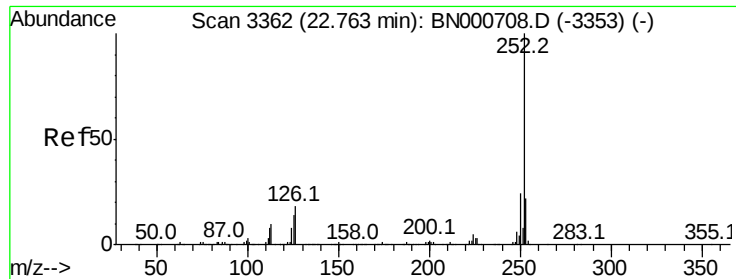
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.40 min Scan# 3471
Delta R.T. -0.01 min
Lab File: BN000727.D
Acq: 10 Apr 2018 01:27

Tgt Ion:264 Resp: 526084
Ion Ratio Lower Upper
264 100
260 23.5 17.4 26.0
265 21.2 17.7 26.5



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





#87

Benzo(b)fluoranthene

Concen: 0.003 ng

RT: 22.75 min Scan# 3360

Delta R.T. -0.01 min

Lab File: BN000727.D

Acq: 10 Apr 2018 01:27

Instrument :

BNA_N

ClientSampleId :

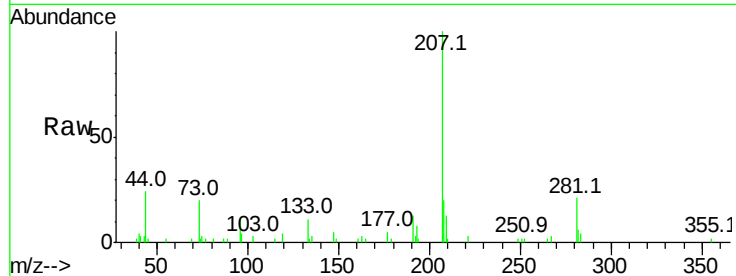
Tot Ion:252 Resp: 110

Ion Ratio Lower Upper

252 100

253 0.0 18.2 27.4#

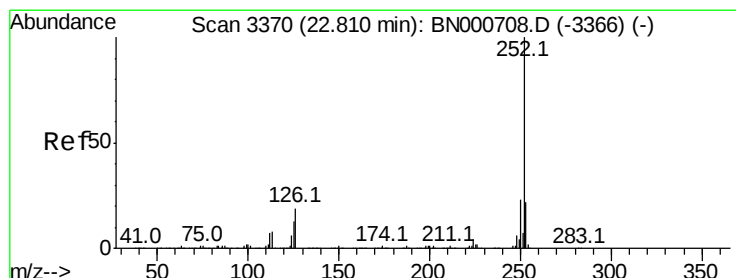
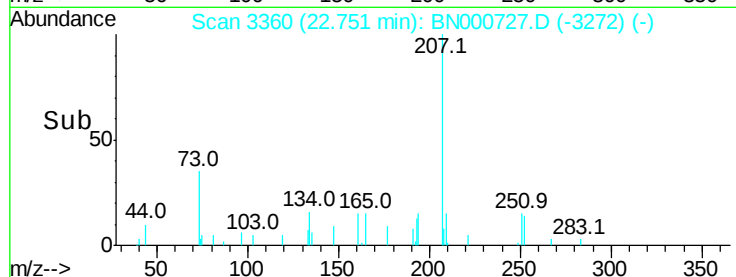
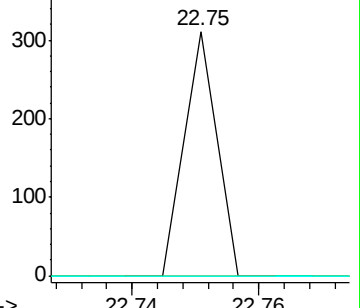
125 0.0 7.2 10.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 0.003 ng

RT: 22.75 min Scan# 3360

Delta R.T. -0.06 min

Lab File: BN000727.D

Acq: 10 Apr 2018 01:27

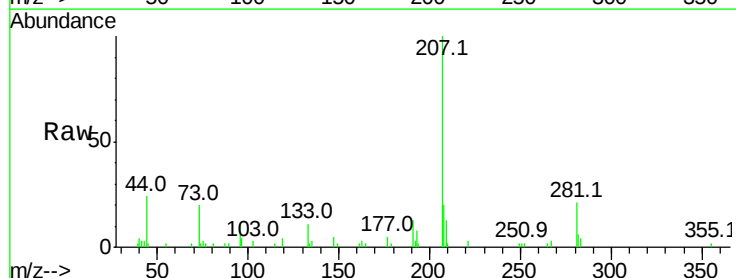
Tgt Ion:252 Resp: 110

Ion Ratio Lower Upper

252 100

253 0.0 17.4 26.2#

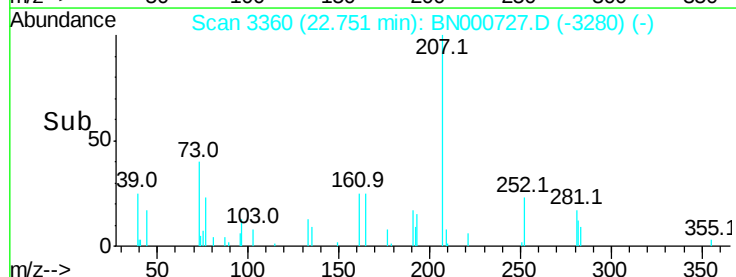
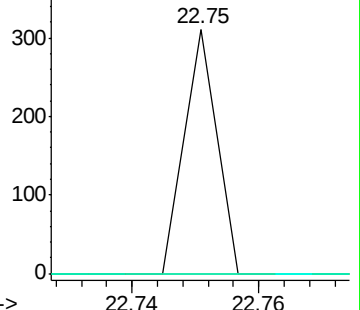
125 0.0 6.6 9.8#

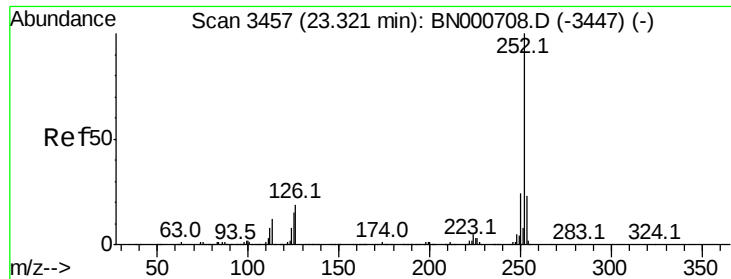


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 0.073 ng

RT: 23.40 min Scan# 3471

Delta R.T. 0.08 min

Lab File: BN000727.D

Acq: 10 Apr 2018 01:27

Instrument :

BNA_N

ClientSampleId :

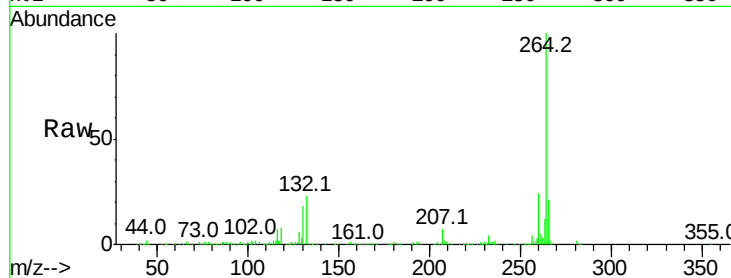
Tot Ion: 252 Resp: 2118

Ion Ratio Lower Upper

252 100

253 36.3 18.3 27.5#

125 31.0 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

