

Data Path : Z:\HPCHEM1\BNA N\DATA\BN030618\
 Data File : BN000264.D
 Acq On : 06 Mar 2018 15:24
 Operator : JU/SJ
 Sample : J1699-45
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 07 04:29:48 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 07 18:24:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	246964	20.00	ng	-0.02
21) Naphthalene-d8	11.29	136	1190563	20.00	ng	-0.02
38) Acenaphthene-d10	15.06	164	673703	20.00	ng	-0.02
63) Phenanthrene-d10	17.78	188	1430652	20.00	ng	-0.02
75) Chrysene-d12	21.89	240	1435920	20.00	ng	-0.03
86) Perylene-d12	24.37	264	1492264	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.93	112	1310394	86.48	ng	-0.02
7) Phenol-d6	7.58	99	1904975	82.99	ng	-0.02
23) Nitrobenzene-d5	9.63	82	1100841	54.98	ng	-0.02
41) 2,4,6-Tribromophenol	16.53	330	492517	73.86	ng	-0.02
44) 2-Fluorobiphenyl	13.69	172	2392036	50.04	ng	-0.02
78) Terphenyl-d14	20.34	244	3066026	57.65	ng	-0.02

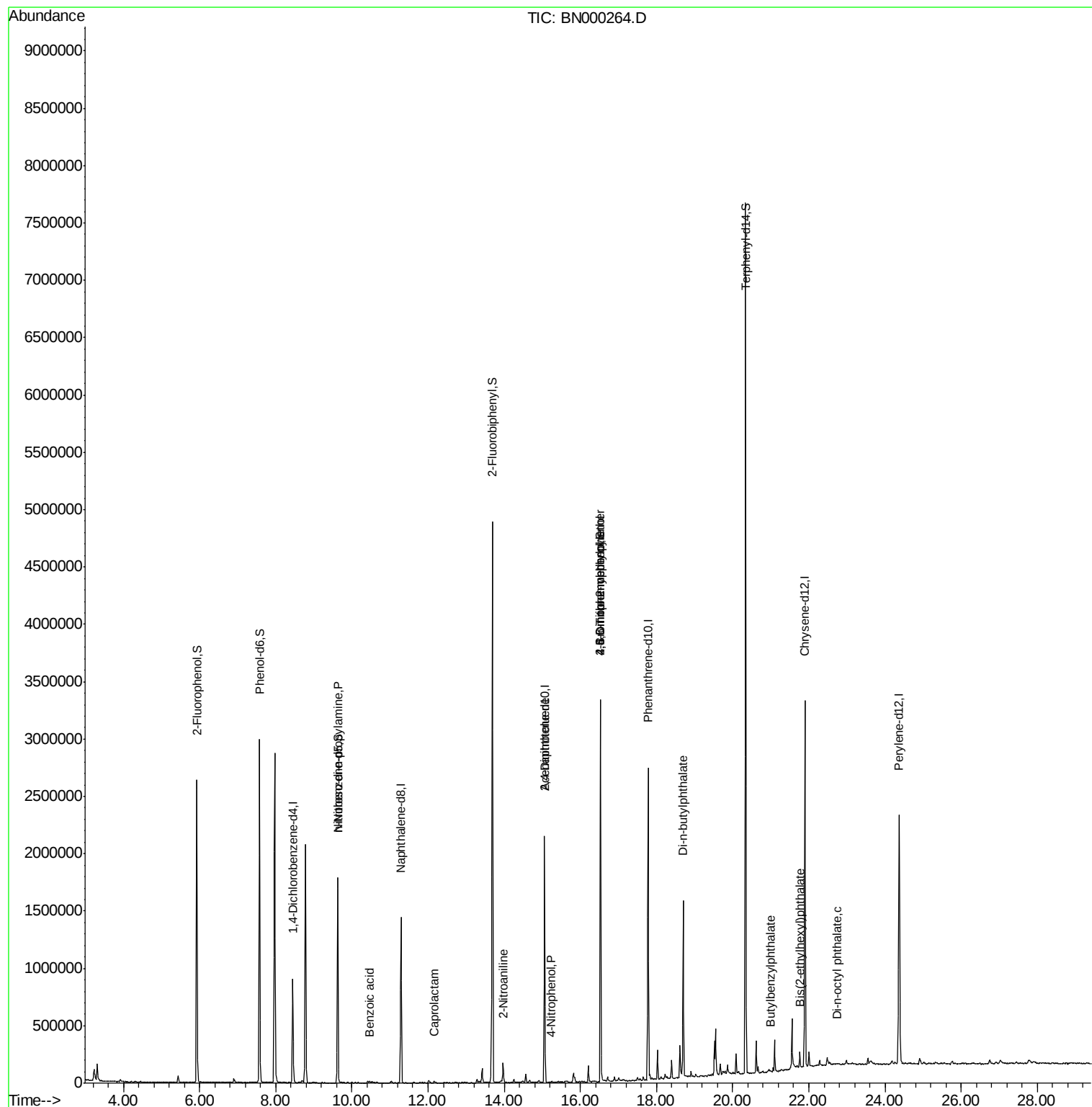
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	9.63	70	141320	9.188	ng	# 68
32) Benzoic acid	10.46	122	5372	10.857	ng	90
35) Caprolactam	12.16	113	3289	4.434	ng	91
47) 2-Nitroaniline	13.97	65	6178	5.303	ng	# 22
55) 4-Nitrophenol	15.25	139	562	5.022	ng	# 56
56) 2,4-Dinitrotoluene	15.06	165	88062	9.013	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.53	198	1612	8.902	ng	# 1
66) 4-Bromophenyl-phenylether	16.53	248	35689	2.623	ng	# 1
73) Di-n-butylphthalate	18.70	149	1030393	11.323	ng	99
79) Butylbenzylphthalate	21.01	149	1678	5.410	ng	# 52
83) Bis(2-ethylhexyl)phthalate	21.76	149	45285	3.565	ng	# 92
84) Di-n-octyl phthalate	22.73	149	479	6.734	ng	# 56

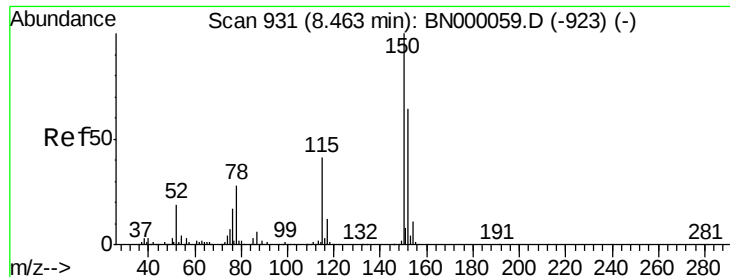
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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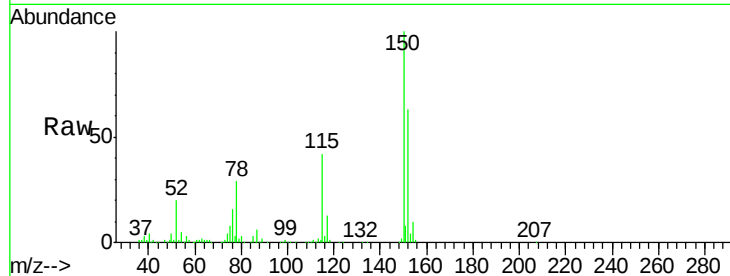


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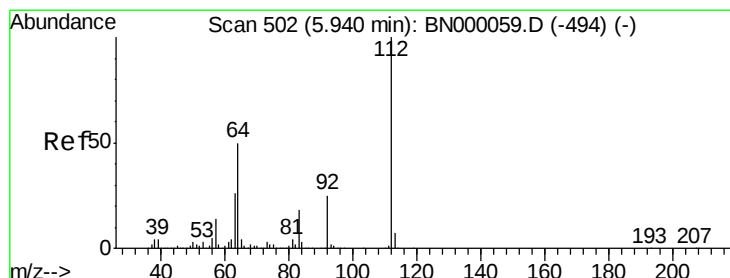
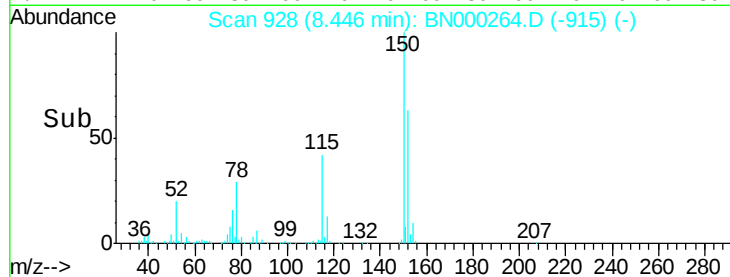
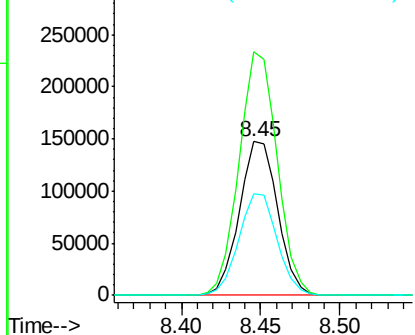
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.45 min Scan# 928
Delta R.T. -0.02 min
Lab File: BN000264.D
Acq: 06 Mar 2018 15:24

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	126.6	189.8
115	66.0	53.0	79.4



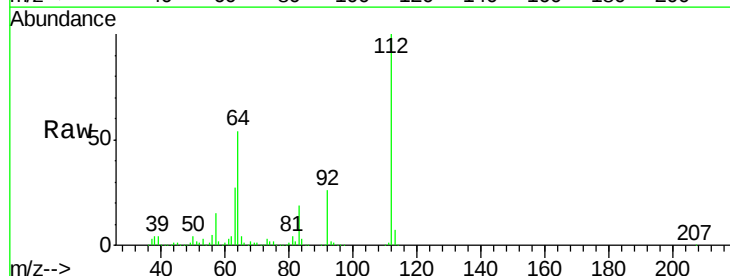
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



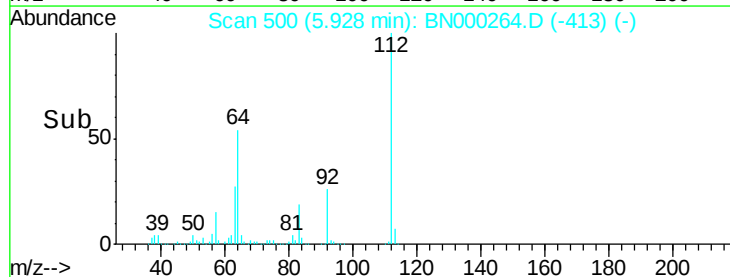
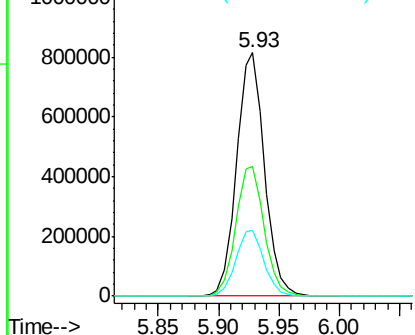
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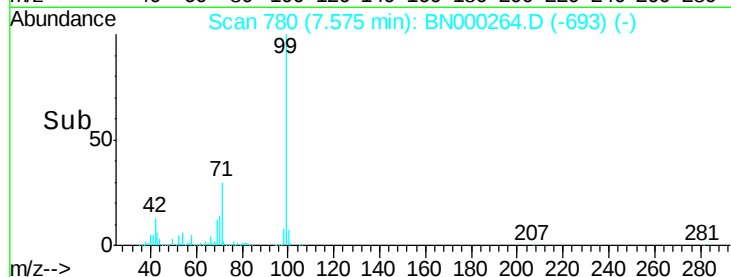
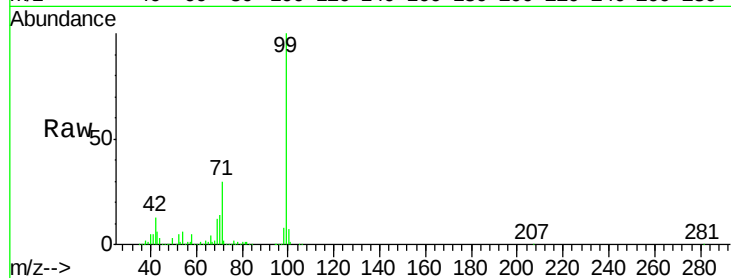
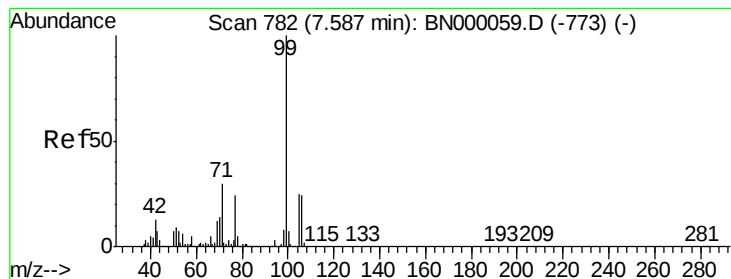
2-Fluorophenol
Concen: 86.476 ng
RT: 5.93 min Scan# 500
Delta R.T. -0.02 min
Lab File: BN000264.D
Acq: 06 Mar 2018 15:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.5	56.3	84.5#
63	27.0	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





#7

Phenol-d6

Concen: 82.992 ng

RT: 7.58 min Scan# 780

Delta R.T. -0.02 min

Lab File: BN000264.D

Acq: 06 Mar 2018 15:24

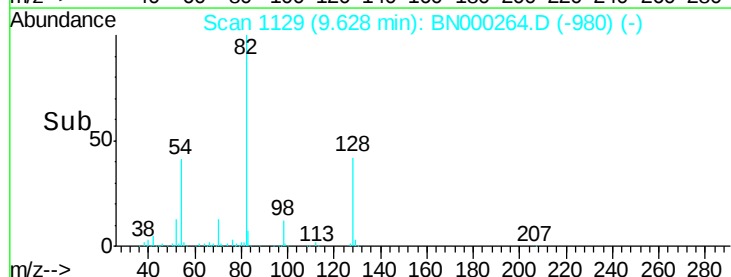
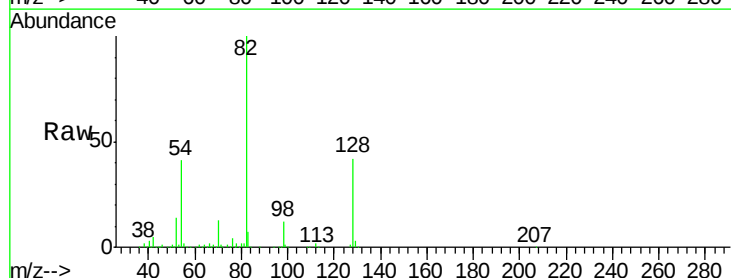
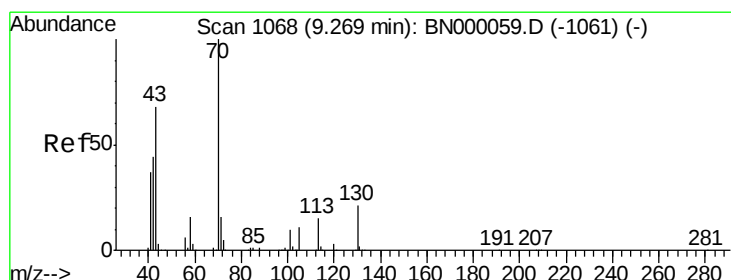
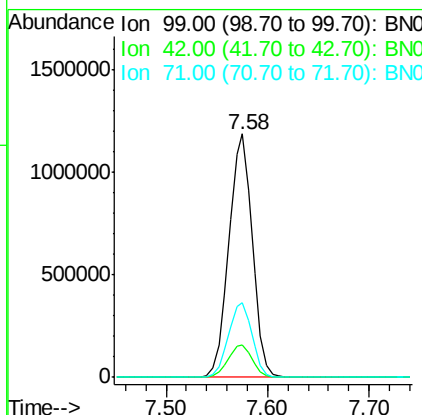
Instrument :

BNA_N

ClientSampleId :

Tot Ion: 99 Resp: 1904975

Ion	Ratio	Lower	Upper
99	100		
42	13.3	14.1	21.1#
71	30.5	26.1	39.1



#19

n-Nitroso-di-n-propylamine

Concen: 9.188 ng

RT: 9.63 min Scan# 1129

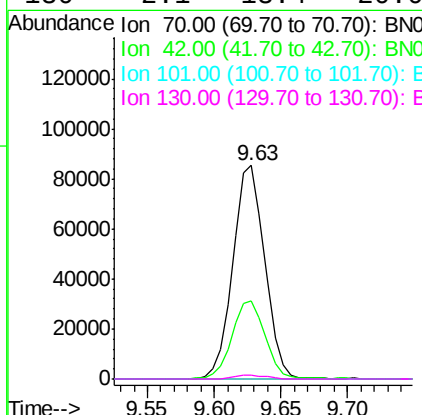
Delta R.T. 0.35 min

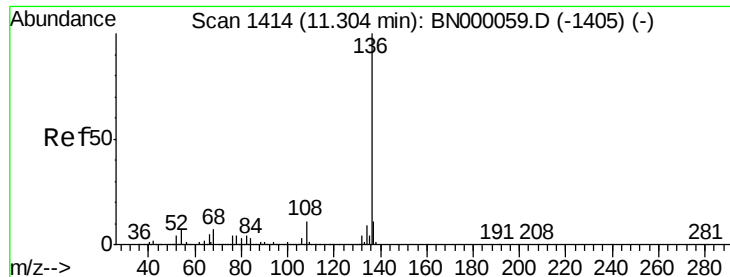
Lab File: BN000264.D

Acq: 06 Mar 2018 15:24

Tgt Ion: 70 Resp: 141320

Ion	Ratio	Lower	Upper
70	100		
42	36.6	49.1	73.7#
101	0.0	8.5	12.7#
130	2.1	13.4	20.0#

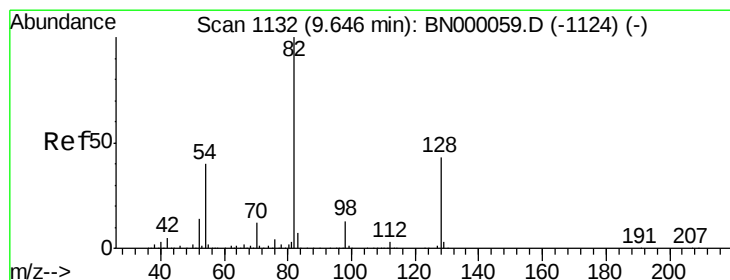
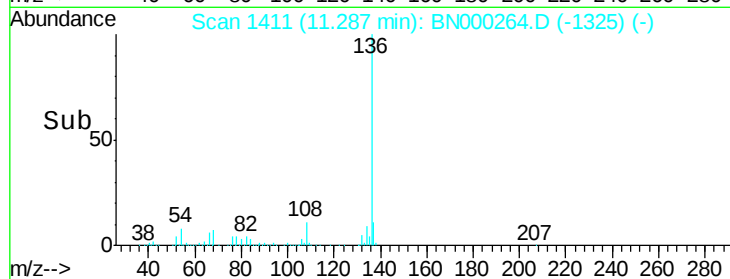
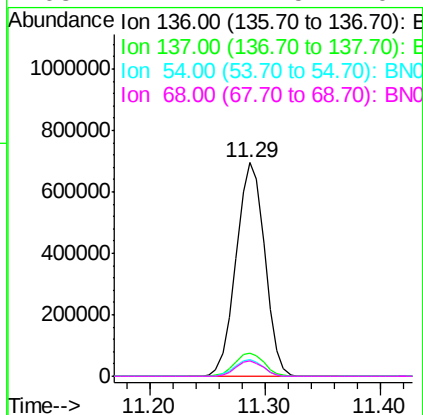
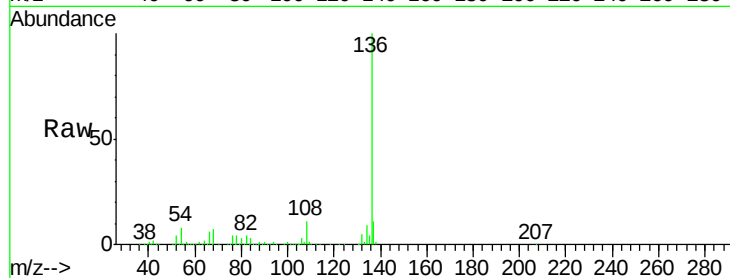




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.29 min Scan# 1411
Delta R.T. -0.02 min
Lab File: BN000264.D
Acq: 06 Mar 2018 15:24

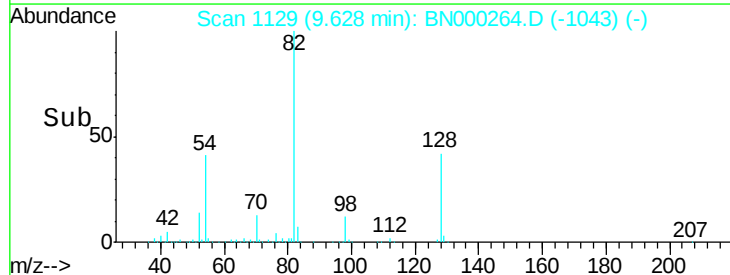
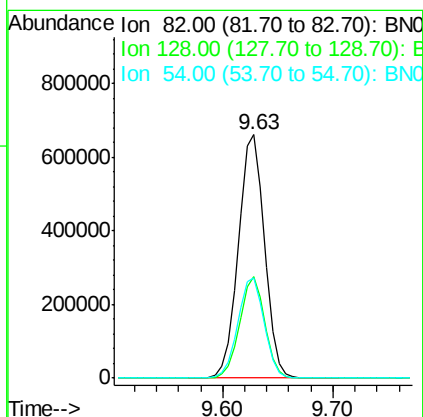
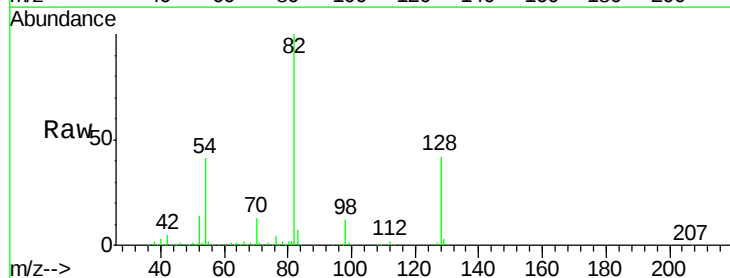
Instrument :
BNA_N
ClientSampleId :

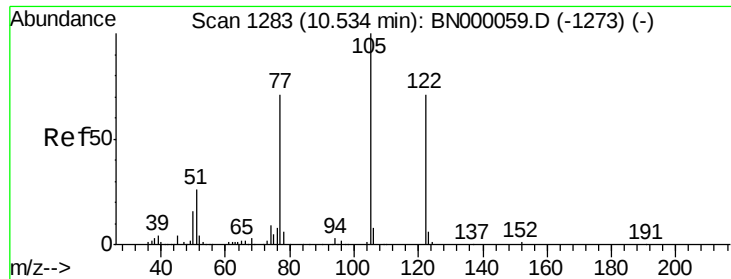
Tot Ion:136	Resp: 1190563
Ion Ratio	Lower Upper
136 100	
137 10.9	9.2 13.8
54 7.6	10.3 15.5#
68 7.2	4.5 6.7#



#23
Nitrobenzene-d5
Concen: 54.975 ng
RT: 9.63 min Scan# 1129
Delta R.T. -0.02 min
Lab File: BN000264.D
Acq: 06 Mar 2018 15:24

Tgt Ion: 82	Resp: 1100841
Ion Ratio	Lower Upper
82 100	
128 41.5	29.7 44.5
54 41.2	43.1 64.7#

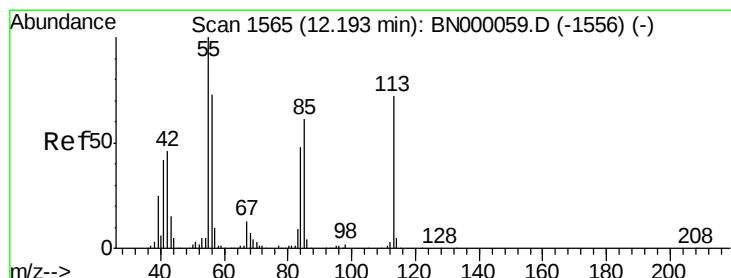
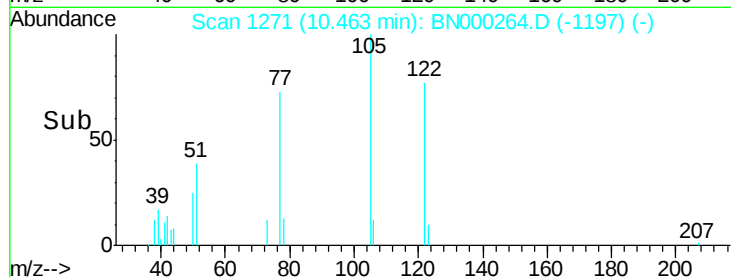
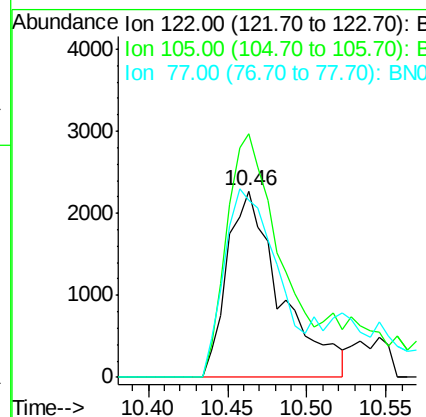
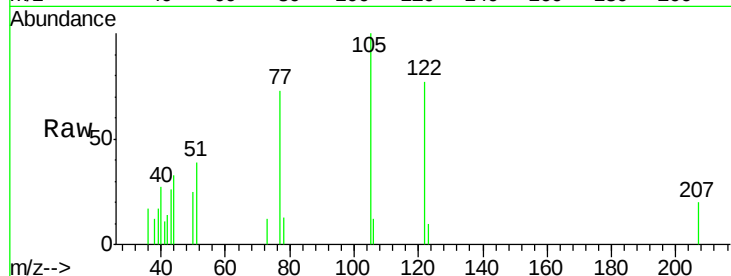




#32
Benzoic acid
Concen: 10.857 ng
RT: 10.46 min Scan# 1271
Delta R.T. -0.09 min
Lab File: BN000264.D
Acq: 06 Mar 2018 15:24

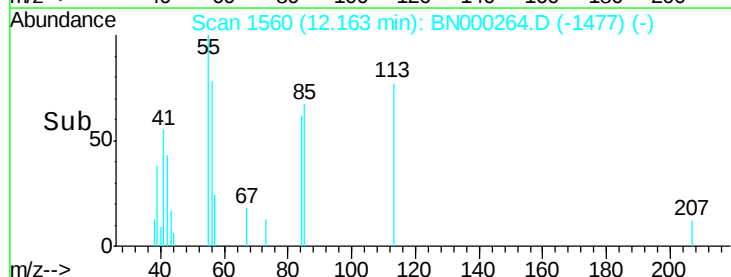
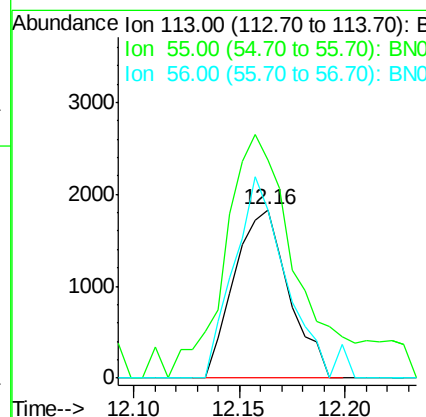
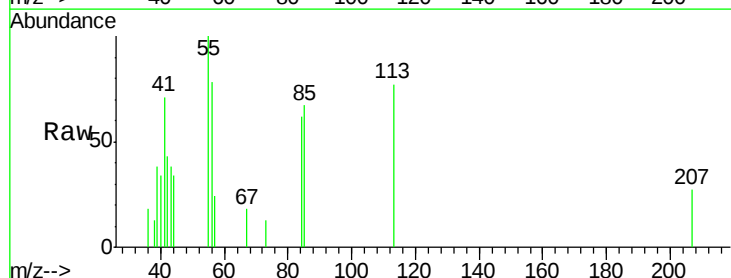
Instrument :
BNA_N
ClientSampleId :

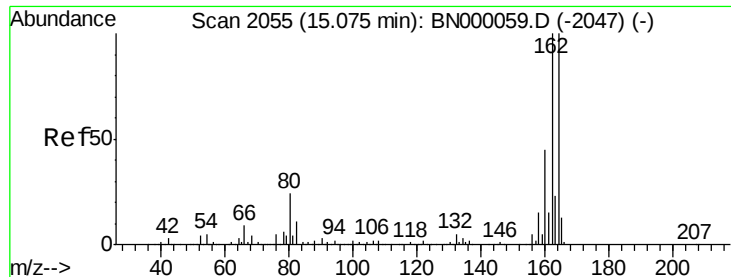
Tot Ion:122 Resp: 5372
Ion Ratio Lower Upper
122 100
105 130.5 123.5 163.5
77 95.0 85.7 125.7



#35
Caprolactam
Concen: 4.434 ng
RT: 12.16 min Scan# 1560
Delta R.T. -0.04 min
Lab File: BN000264.D
Acq: 06 Mar 2018 15:24

Tgt Ion:113 Resp: 3289
Ion Ratio Lower Upper
113 100
55 129.3 120.0 160.0
56 100.3 90.0 130.0

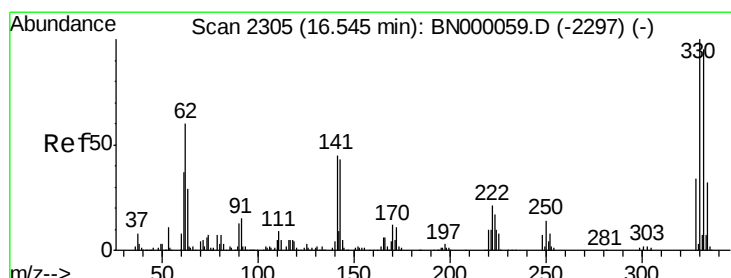
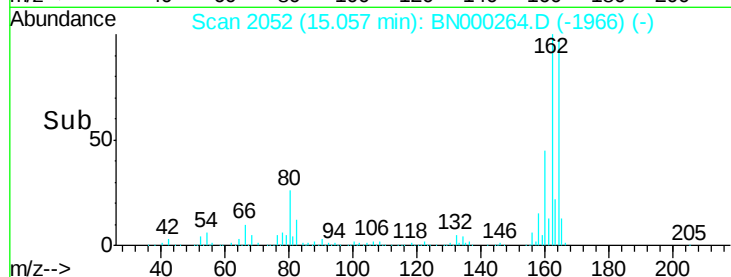
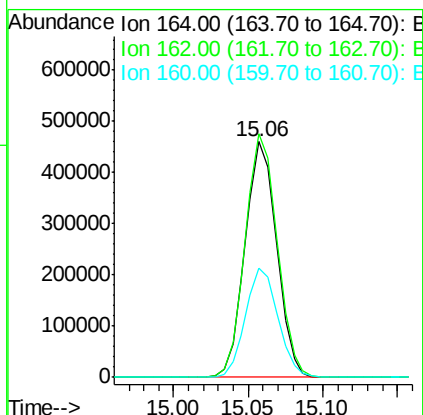
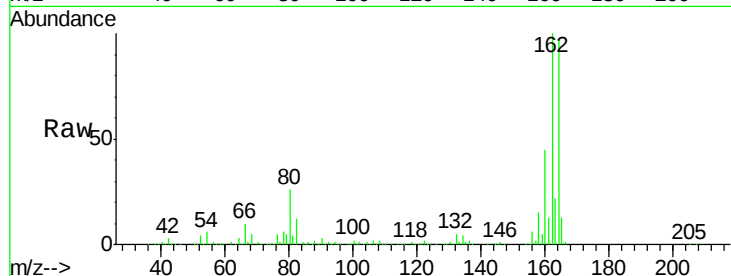




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.06 min Scan# 2052
Delta R.T. -0.02 min
Lab File: BN000264.D
Acq: 06 Mar 2018 15:24

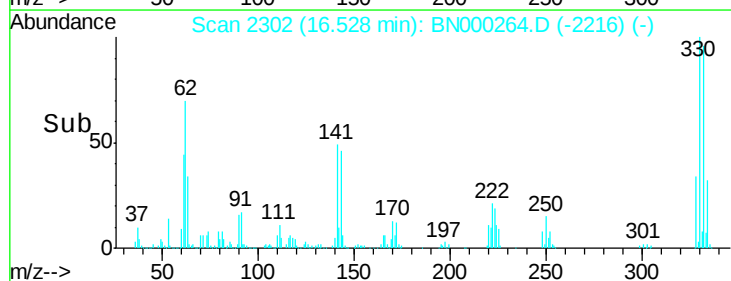
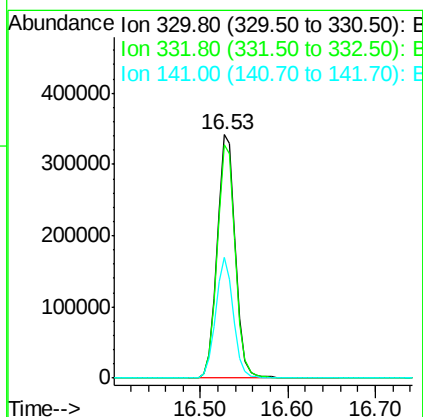
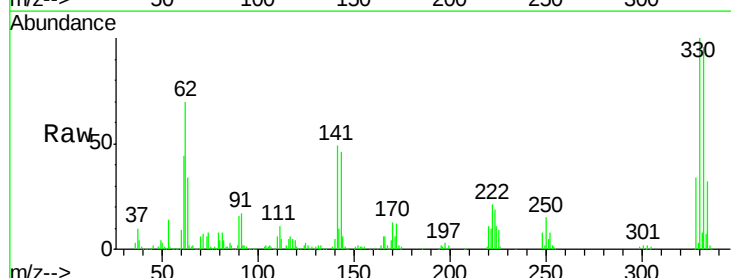
Instrument :
BNA_N
ClientSampleId :

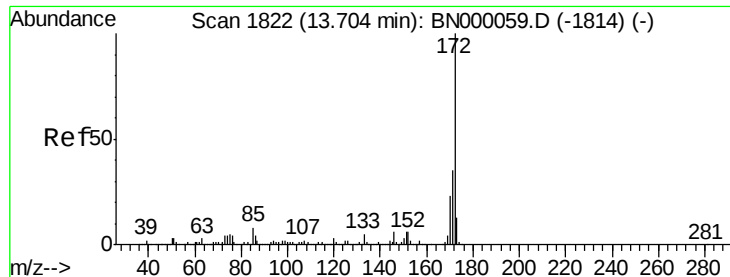
Tot Ion:164 Resp: 673703
Ion Ratio Lower Upper
164 100
162 103.4 78.8 118.2
160 46.6 35.4 53.0



#41
2,4,6-Tribromophenol
Concen: 73.856 ng
RT: 16.53 min Scan# 2302
Delta R.T. -0.02 min
Lab File: BN000264.D
Acq: 06 Mar 2018 15:24

Tgt Ion:330 Resp: 492517
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.6
141 48.6 25.2 37.8#

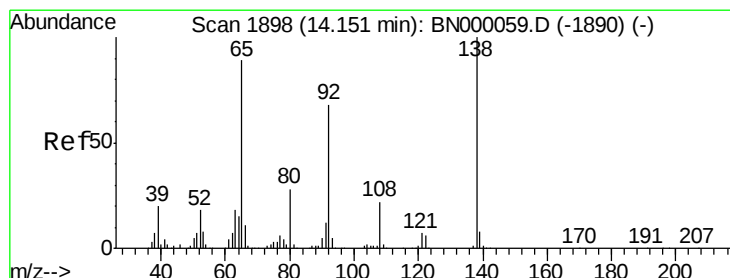
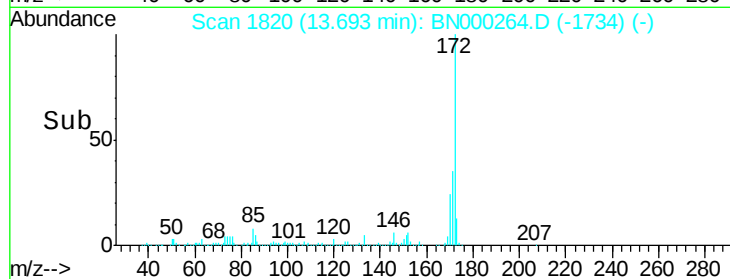
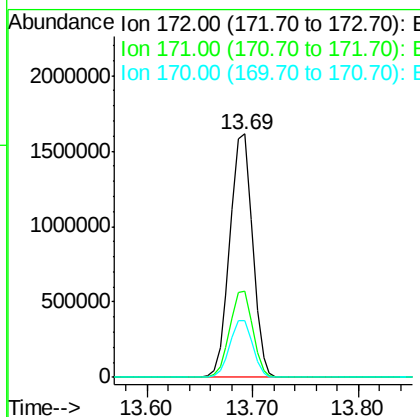
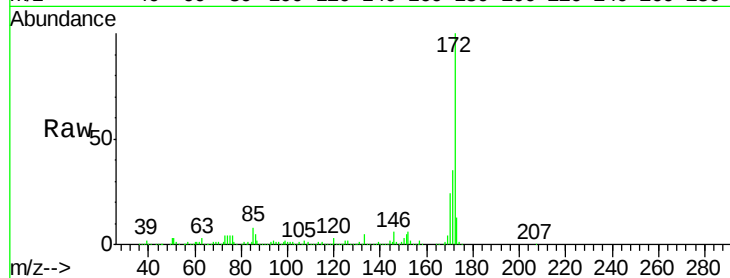




#44
2-Fluorobiphenyl
Concen: 50.042 ng
RT: 13.69 min Scan# 1820
Delta R.T. -0.02 min
Lab File: BN000264.D
Acq: 06 Mar 2018 15:24

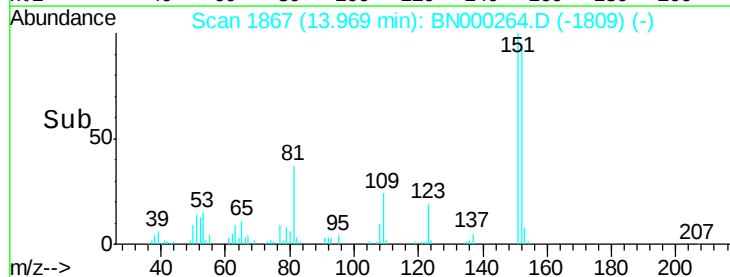
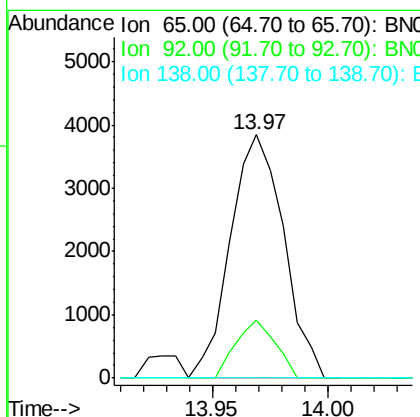
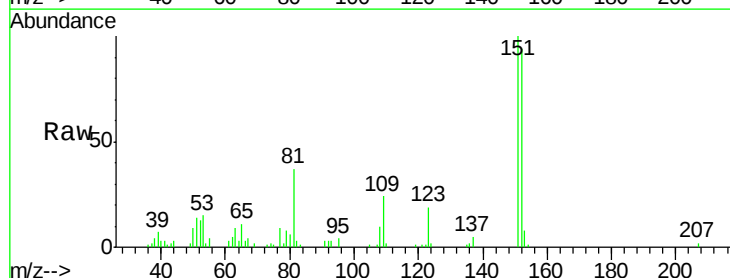
Instrument :
BNA_N
ClientSampleId :

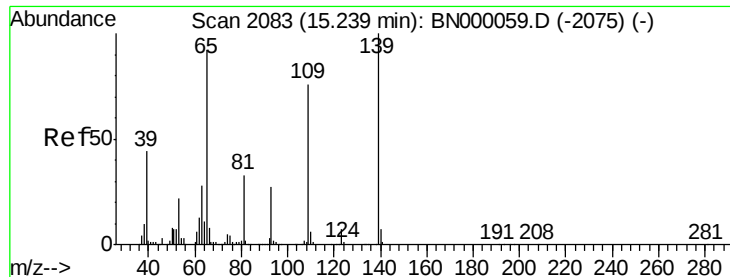
Tot Ion:172 Resp: 2392036
Ion Ratio Lower Upper
172 100
171 35.2 30.0 45.0
170 23.6 19.5 29.3



#47
2-Nitroaniline
Concen: 5.303 ng
RT: 13.97 min Scan# 1867
Delta R.T. -0.19 min
Lab File: BN000264.D
Acq: 06 Mar 2018 15:24

Tgt Ion: 65 Resp: 6178
Ion Ratio Lower Upper
65 100
92 23.9 54.6 82.0#
138 0.0 72.9 109.3#





#55

4-Nitrophenol

Concen: 5.022 ng

RT: 15.25 min Scan# 2084

Delta R.T. 0.00 min

Lab File: BN000264.D

Acq: 06 Mar 2018 15:24

Instrument :

BNA_N

ClientSampled :

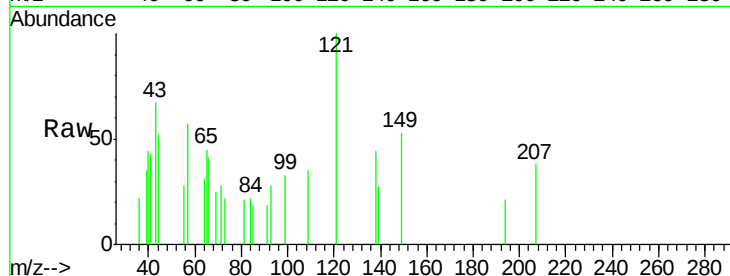
Tot Ion:139 Resp: 562

Ion Ratio Lower Upper

139 100

109 125.6 62.2 102.2#

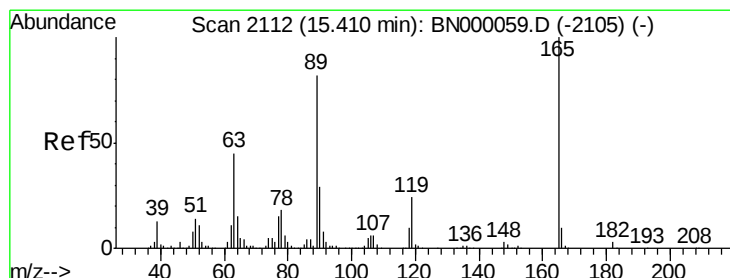
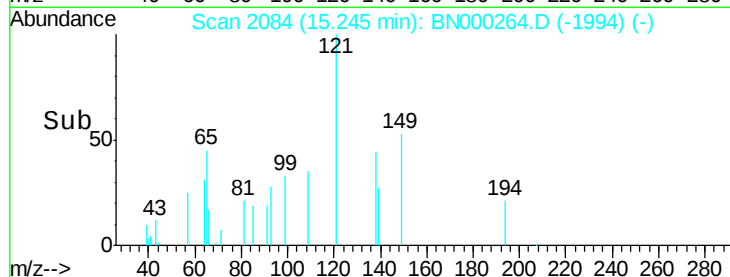
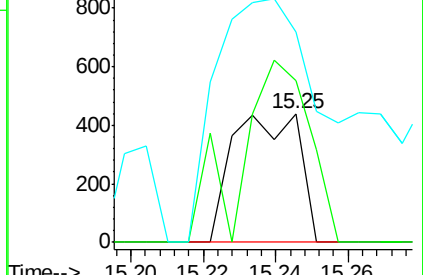
65 162.8 97.2 137.2#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BNC



#56

2,4-Dinitrotoluene

Concen: 9.013 ng

RT: 15.06 min Scan# 2052

Delta R.T. -0.36 min

Lab File: BN000264.D

Acq: 06 Mar 2018 15:24

Tgt Ion:165 Resp: 88062

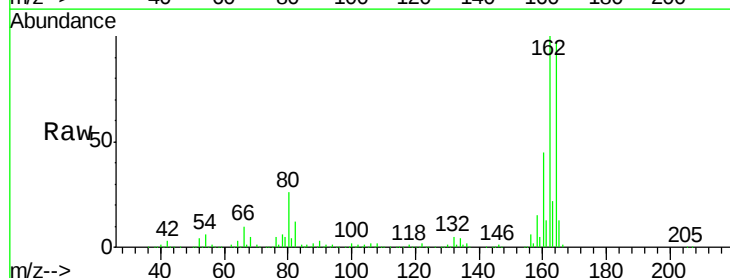
Ion Ratio Lower Upper

165 100

63 1.1 42.0 63.0#

89 1.9 66.9 100.3#

182 0.0 2.6 3.8#

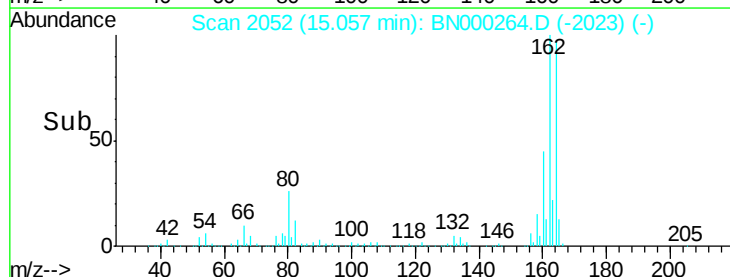
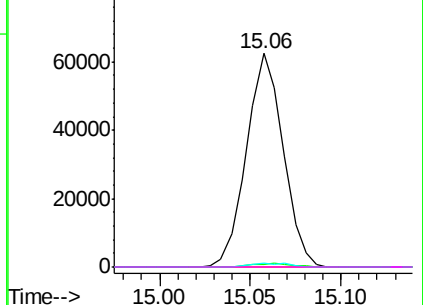


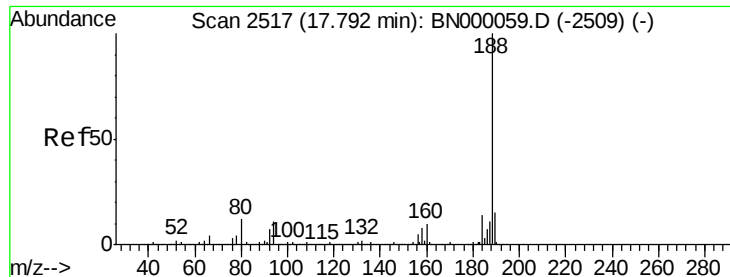
Abundance Ion 165.00 (164.70 to 165.70): E

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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.78 min Scan# 2515

Delta R.T. -0.02 min

Lab File: BN000264.D

Acq: 06 Mar 2018 15:24

Instrument :

BNA_N

ClientSampleId :

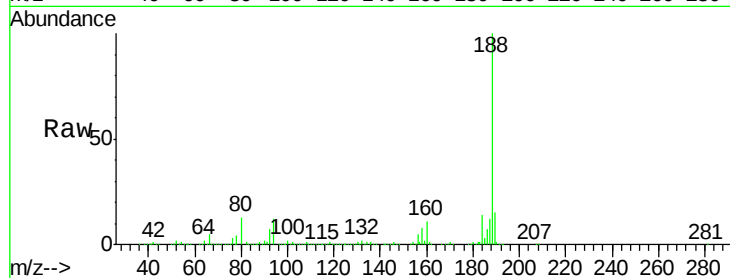
Tot Ion:188 Resp: 1430652

Ion Ratio Lower Upper

188 100

94 12.2 6.9 10.3#

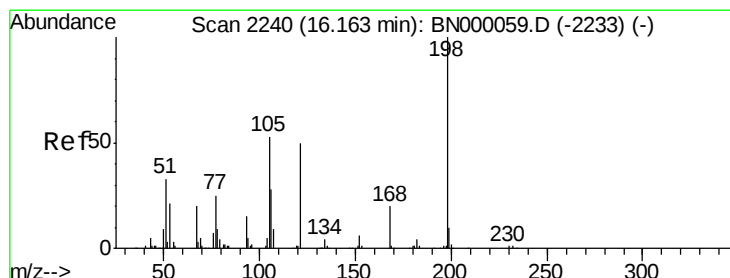
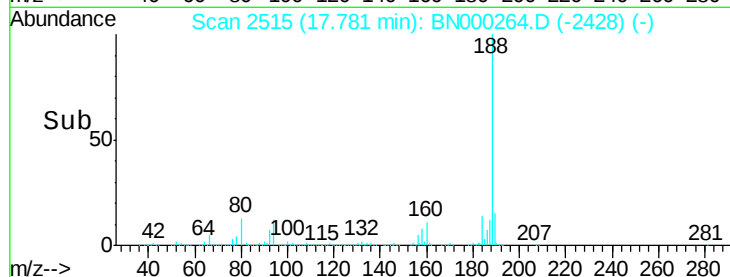
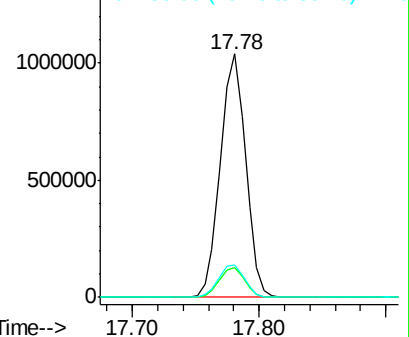
80 13.2 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

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: 8.902 ng

RT: 16.53 min Scan# 2302

Delta R.T. 0.35 min

Lab File: BN000264.D

Acq: 06 Mar 2018 15:24

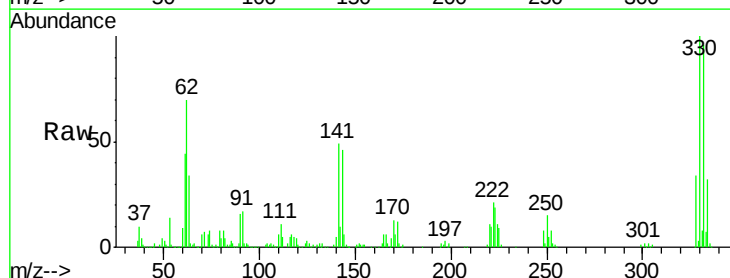
Tgt Ion:198 Resp: 1612

Ion Ratio Lower Upper

198 100

51 143.9 30.6 70.6#

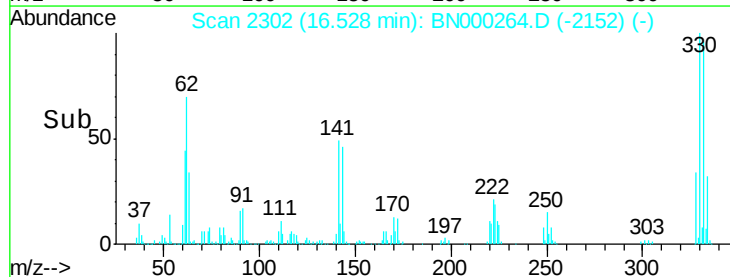
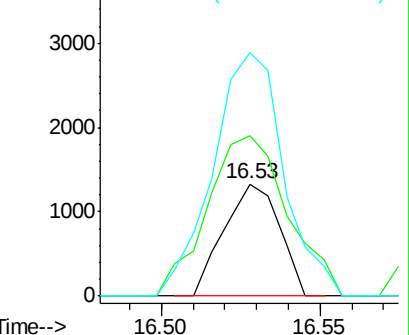
105 217.6 23.8 63.8#

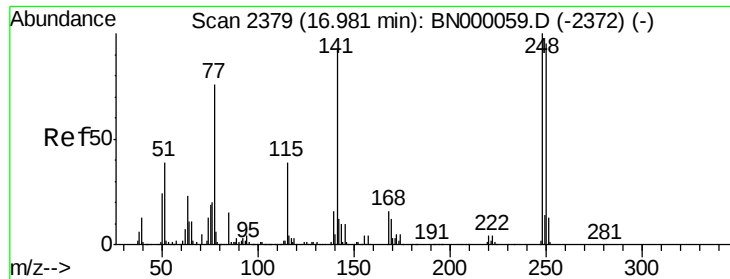


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E

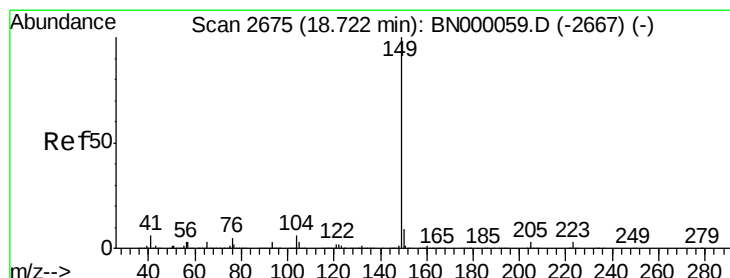
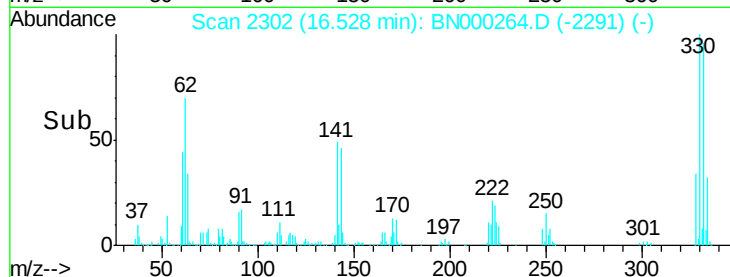
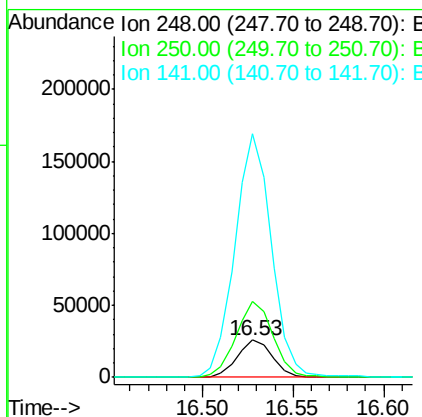
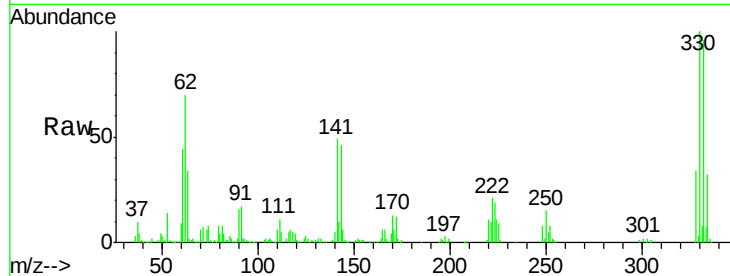




#66
 4-Bromophenyl-phenylether
 Concen: 2.623 ng
 RT: 16.53 min Scan# 2302
 Delta R.T. -0.46 min
 Lab File: BN000264.D
 Acq: 06 Mar 2018 15:24

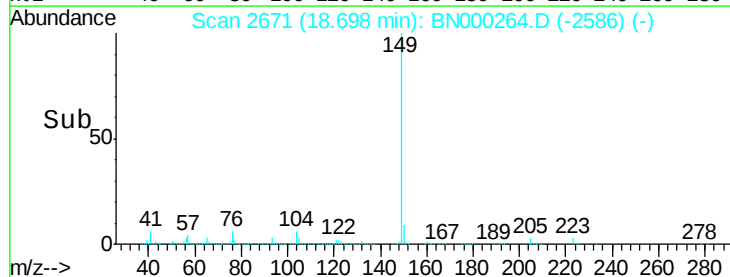
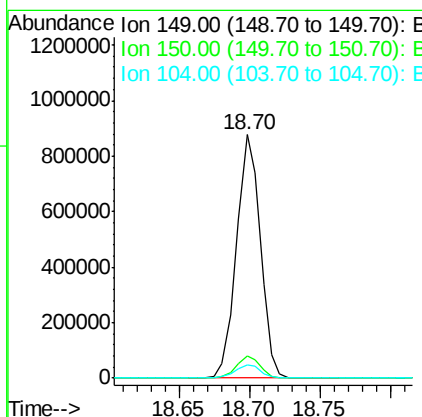
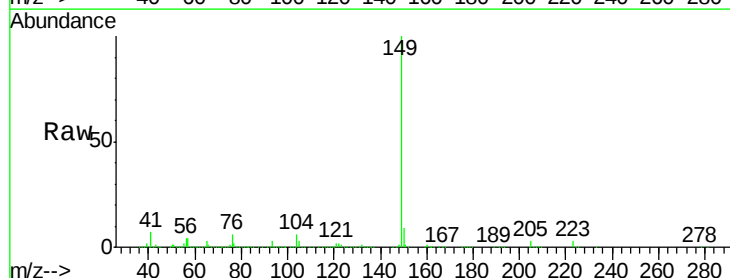
Instrument :
 BNA_N
 ClientSampled :

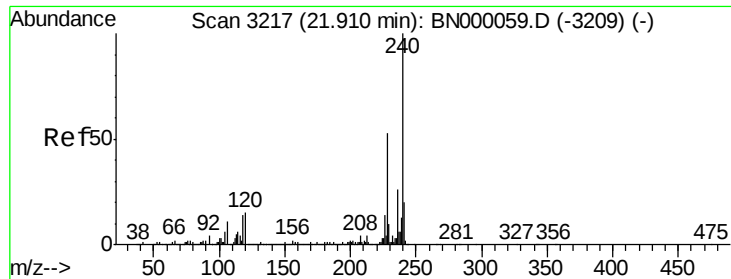
Tot Ion:248 Resp: 35689
 Ion Ratio Lower Upper
 248 100
 250 202.8 77.1 115.7#
 141 651.2 50.8 76.2#



#73
 Di-n-butylphthalate
 Concen: 11.323 ng
 RT: 18.70 min Scan# 2671
 Delta R.T. -0.03 min
 Lab File: BN000264.D
 Acq: 06 Mar 2018 15:24

Tgt Ion:149 Resp: 1030393
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.8 11.6
 104 5.5 3.9 5.9





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.89 min Scan# 3214

Delta R.T. -0.03 min

Lab File: BN000264.D

Acq: 06 Mar 2018 15:24

Instrument :

BNA_N

ClientSampleId :

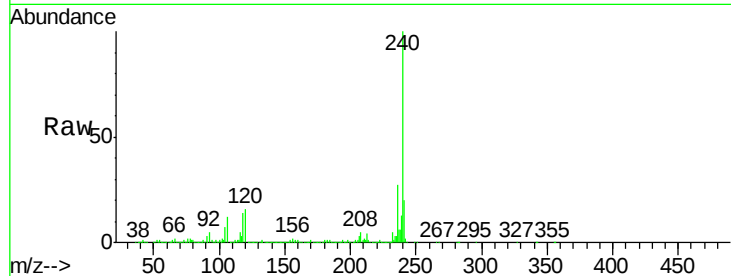
Tot Ion:240 Resp: 1435920

Ion Ratio Lower Upper

240 100

120 16.1 6.8 10.2#

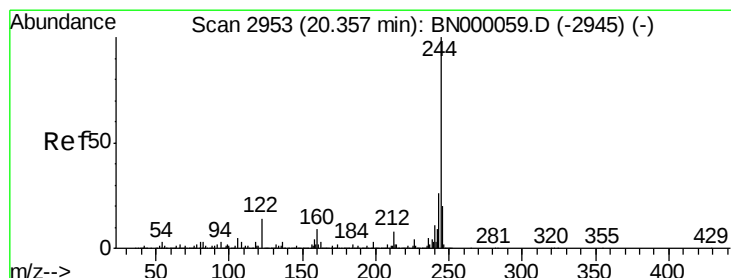
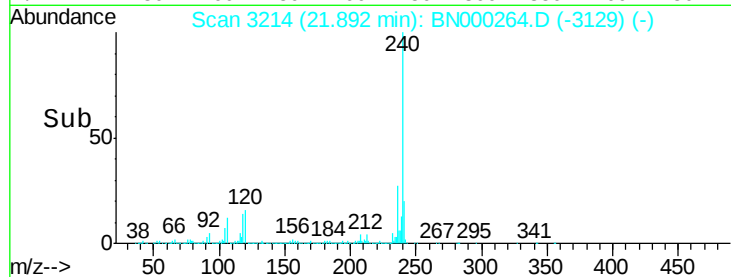
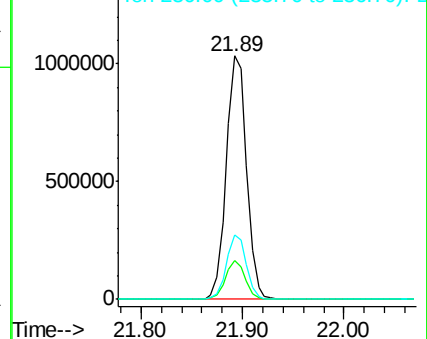
236 26.6 20.9 31.3



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



#78

Terphenyl-d14

Concen: 57.654 ng

RT: 20.34 min Scan# 2950

Delta R.T. -0.02 min

Lab File: BN000264.D

Acq: 06 Mar 2018 15:24

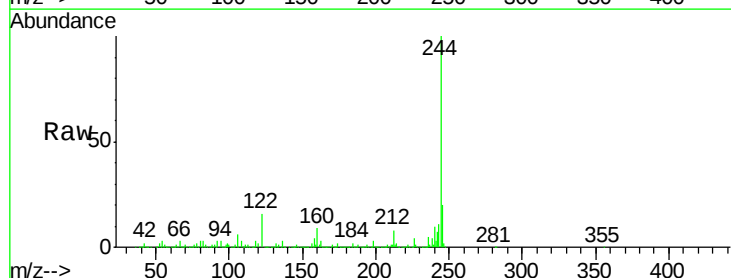
Tgt Ion:244 Resp: 3066026

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

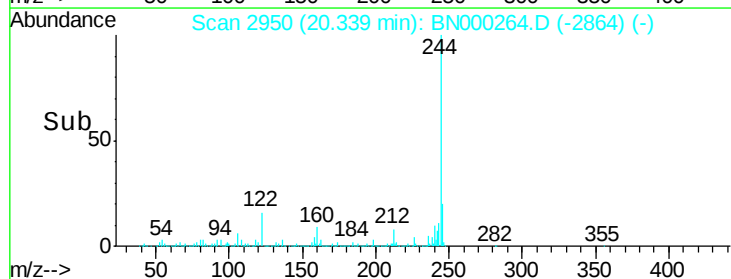
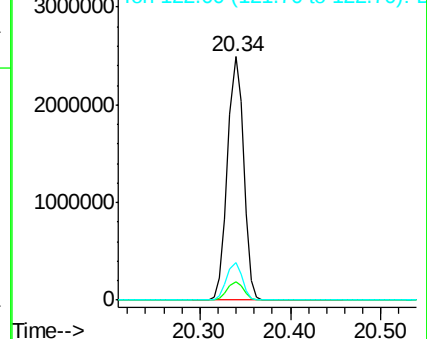
122 15.6 7.0 10.4#

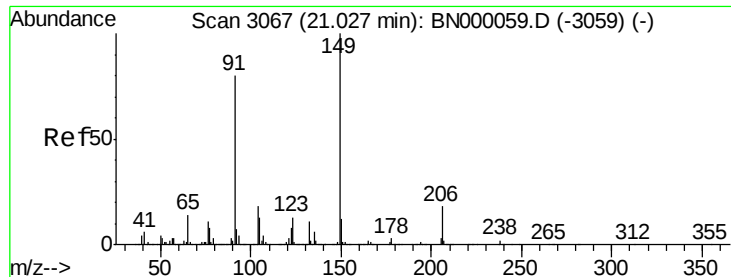


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

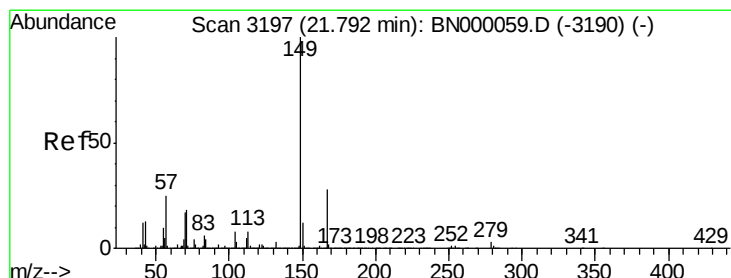
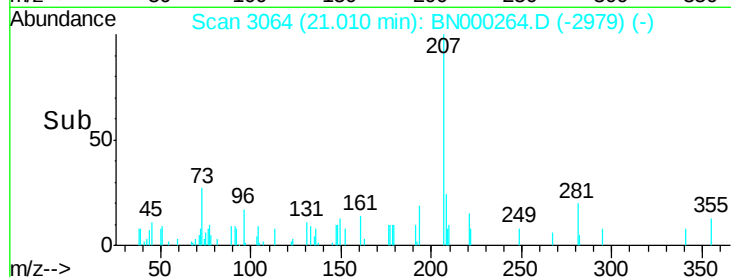
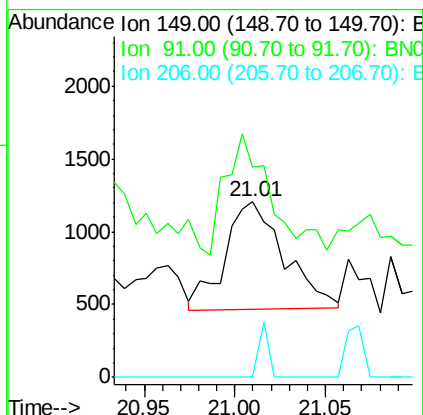
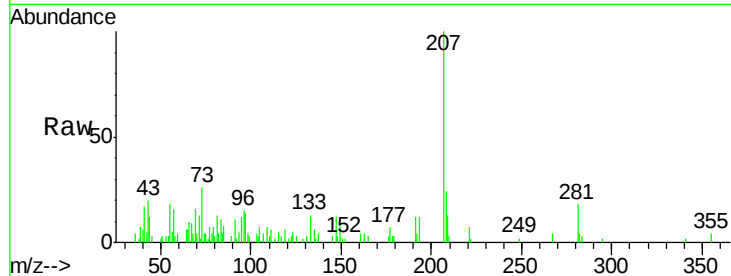




#79
 Butylbenzylphthalate
 Concen: 5.410 ng
 RT: 21.01 min Scan# 3064
 Delta R.T. -0.03 min
 Lab File: BN000264.D
 Acq: 06 Mar 2018 15:24

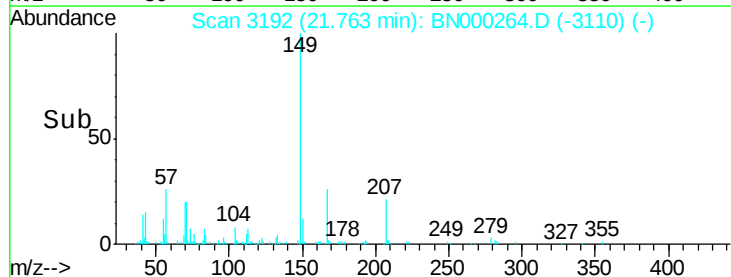
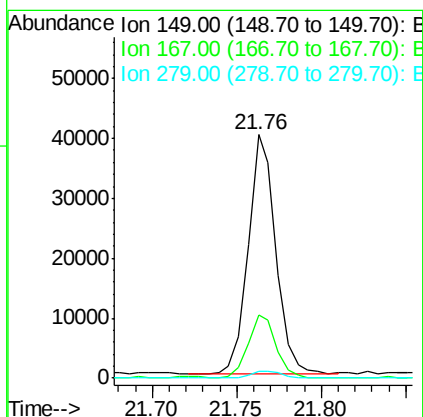
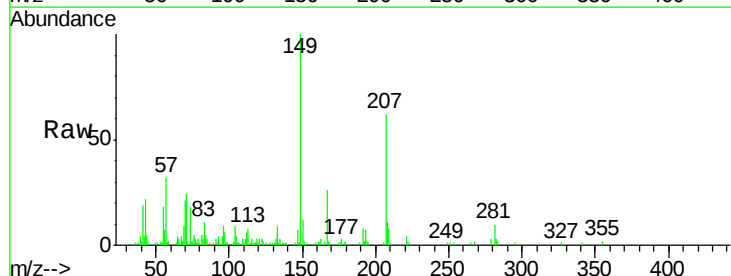
Instrument :
 BNA_N
 ClientSampleID :

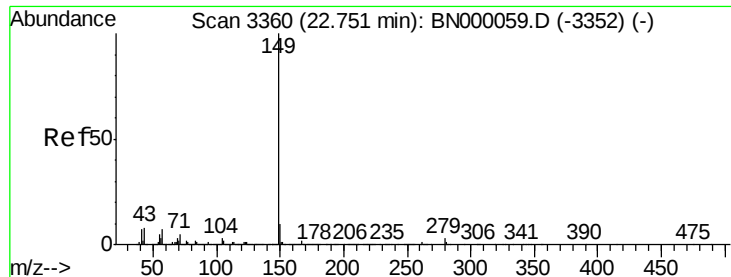
Tot Ion:149 Resp: 1678
 Ion Ratio Lower Upper
 149 100
 91 119.7 62.2 93.2#
 206 0.0 18.6 27.8#



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.565 ng
 RT: 21.76 min Scan# 3192
 Delta R.T. -0.05 min
 Lab File: BN000264.D
 Acq: 06 Mar 2018 15:24

Tgt Ion:149 Resp: 45285
 Ion Ratio Lower Upper
 149 100
 167 26.0 24.3 36.5
 279 3.0 4.0 6.0#

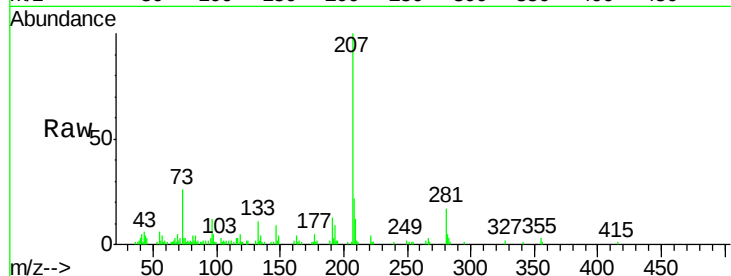




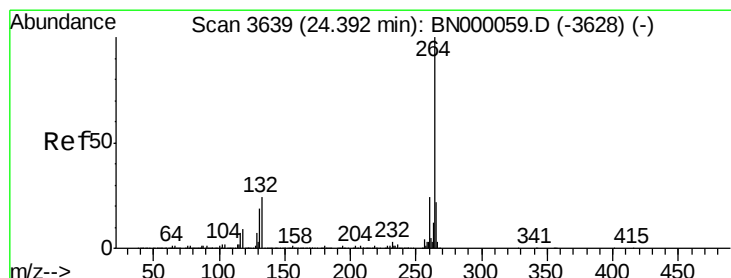
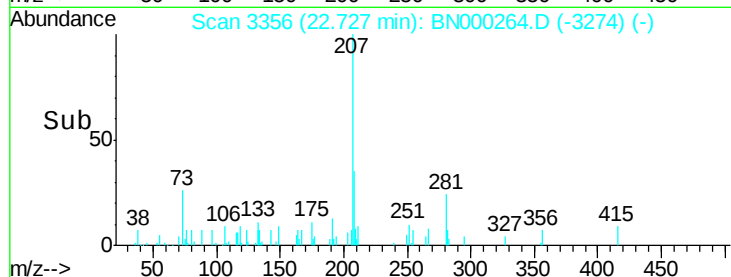
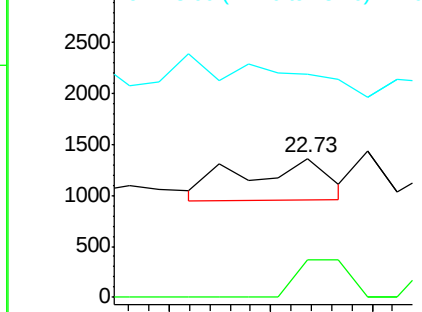
#84
Di-n-octyl phthalate
Concen: 6.734 ng
RT: 22.73 min Scan# 3356
Delta R.T. -0.05 min
Lab File: BN000264.D
Acq: 06 Mar 2018 15:24

Instrument :
BNA_N
ClientSampleId :

Tot Ion:149 Resp: 479
Ion Ratio Lower Upper
149 100
167 53.9 1.4 2.0#
43 0.0 8.9 13.3#

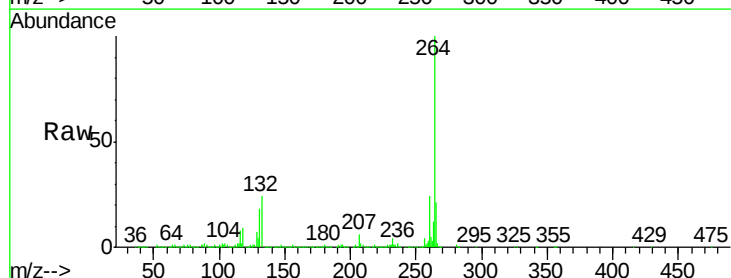


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BNC



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.37 min Scan# 3635
Delta R.T. -0.05 min
Lab File: BN000264.D
Acq: 06 Mar 2018 15:24

Tgt Ion:264 Resp: 1492264
Ion Ratio Lower Upper
264 100
260 23.9 17.4 26.0
265 21.1 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

