

Data Path : Z:\HPCHEM1\BNA N\DATA\BN021918\
 Data File : BN000129.D
 Acq On : 20 Feb 2018 02:13
 Operator : JU/SJ
 Sample : PB106645BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 20 03:15:32 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	8.46	152	430495	20.00	ng	-0.01
21) Naphthalene-d8	11.30	136	2081019	20.00	ng	-0.01
38) Acenaphthene-d10	15.06	164	1280933	20.00	ng	-0.02
63) Phenanthrene-d10	17.79	188	2963998	20.00	ng	-0.01
75) Chrysene-d12	21.90	240	3078612	20.00	ng	-0.02
86) Perylene-d12	24.37	264	3294884	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.93	112	2486183	94.12	ng	-0.01
7) Phenol-d6	7.58	99	3499036	87.45	ng	-0.01
23) Nitrobenzene-d5	9.63	82	2743328	78.38	ng	-0.02
41) 2,4,6-Tribromophenol	16.53	330	914253	72.11	ng	-0.02
44) 2-Fluorobiphenyl	13.70	172	6522325	71.77	ng	-0.02
78) Terphenyl-d14	20.35	244	8776097	76.97	ng	-0.02

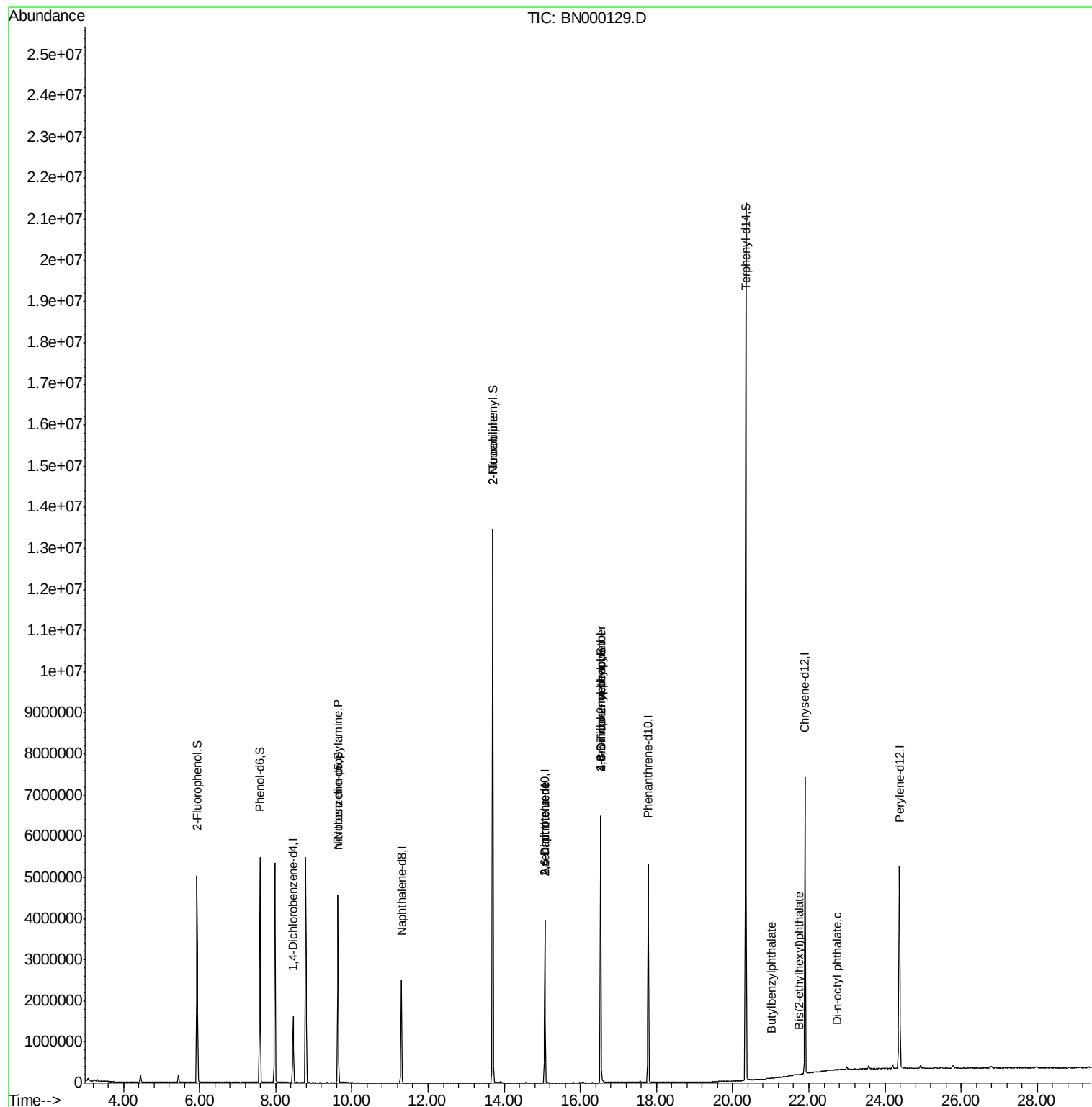
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	9.63	70	343127	12.80	ng	# 69
47) 2-Nitroaniline	13.69	65	12189	5.32	ng	# 1
50) 2,6-Dinitrotoluene	15.06	165	164621	7.45	ng	# 20
56) 2,4-Dinitrotoluene	15.06	165	164621	8.93	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.53	198	3303	8.90	ng	# 1
66) 4-Bromophenyl-phenylether	16.53	248	66057	2.34	ng	# 1
79) Butylbenzylphthalate	21.02	149	426	5.38	ng	# 69
83) Bis(2-ethylhexyl)phthalate	21.75	149	485	2.91	ng	# 50
84) Di-n-octyl phthalate	22.75	149	510	6.73	ng	# 1

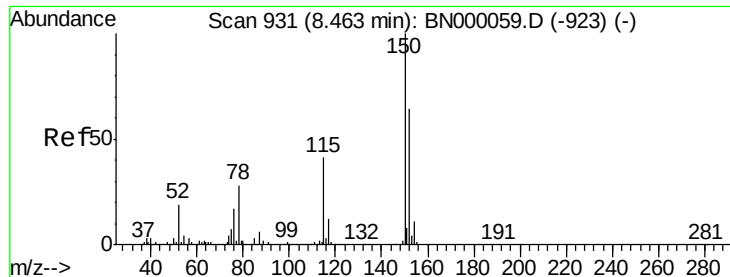
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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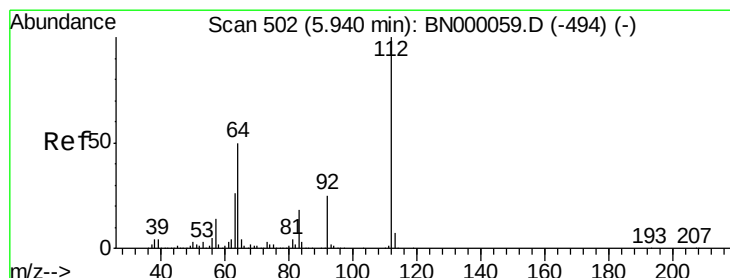
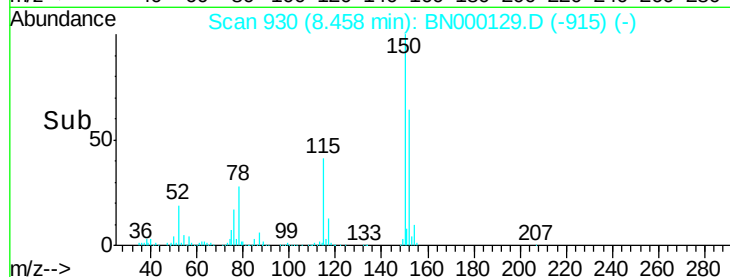
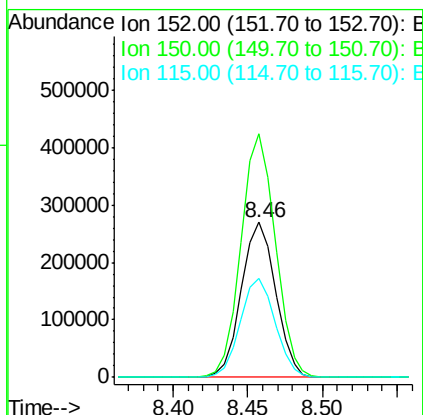
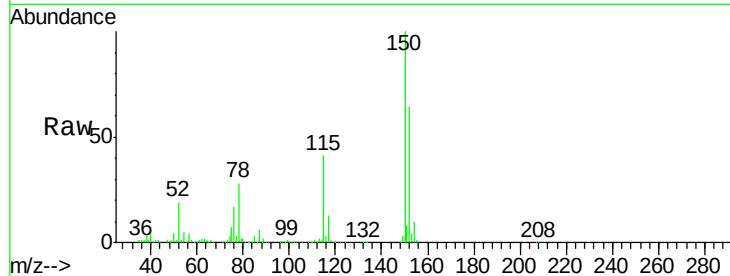


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.46 min Scan# 930
Delta R.T. -0.01 min
Lab File: BN000129.D
Acq: 20 Feb 2018 02:13

Instrument :
BNA_N
ClientSampleId :

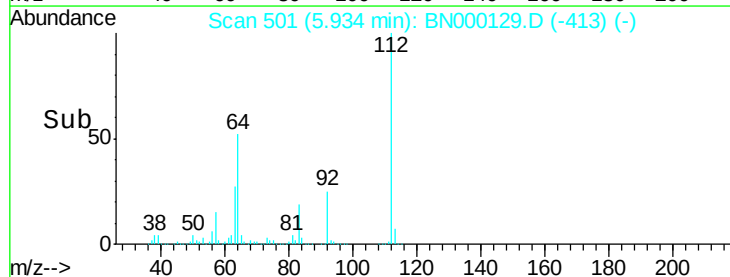
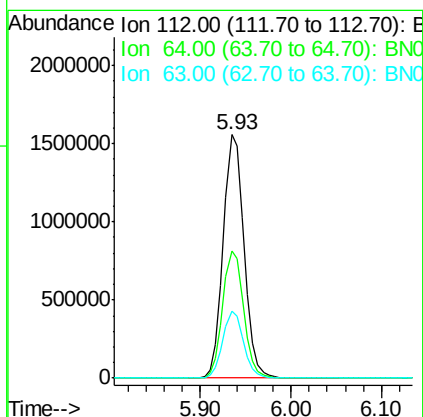
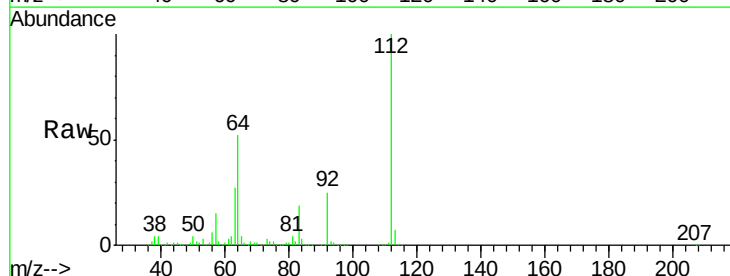
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	126.6	189.8
115	63.9	53.0	79.4

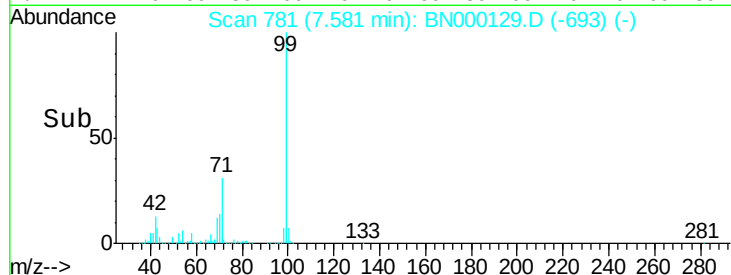
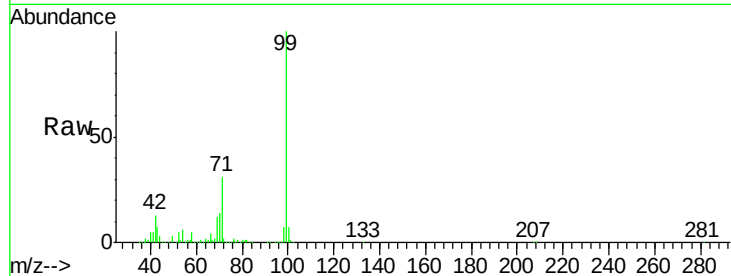
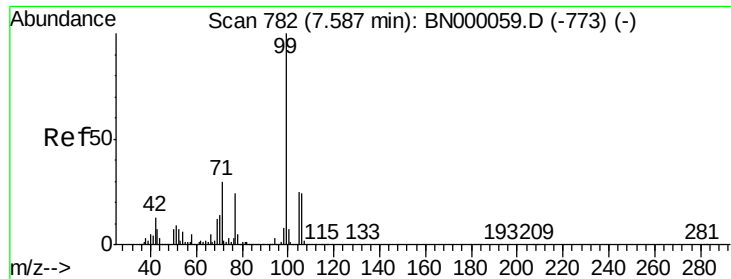


#5

2-Fluorophenol
Concen: 94.12 ng
RT: 5.93 min Scan# 501
Delta R.T. -0.01 min
Lab File: BN000129.D
Acq: 20 Feb 2018 02:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.5	56.3	84.5#
63	27.3	30.1	45.1#





#7

Phenol-d6

Concen: 87.45 ng

RT: 7.58 min Scan# 781

Delta R.T. -0.01 min

Lab File: BN000129.D

Acq: 20 Feb 2018 02:13

Instrument :

BNA_N

ClientSampled :

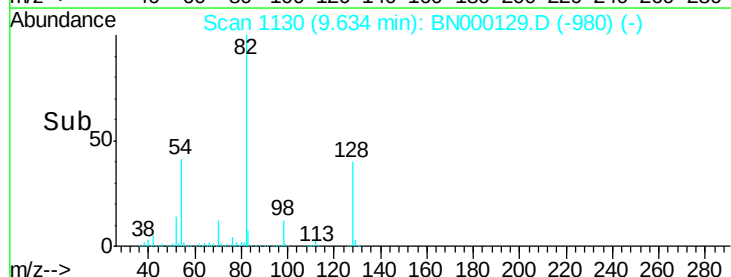
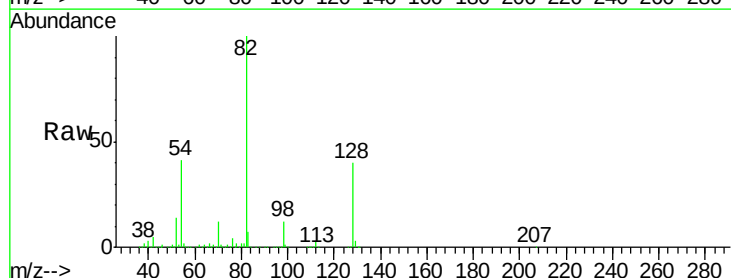
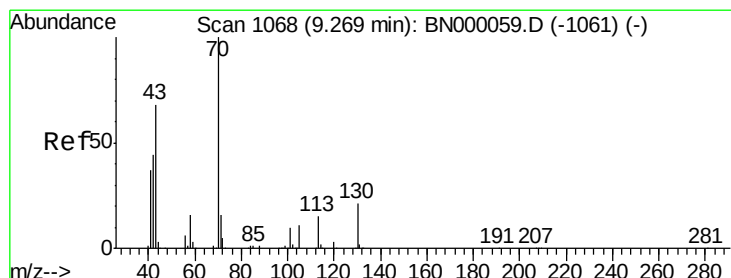
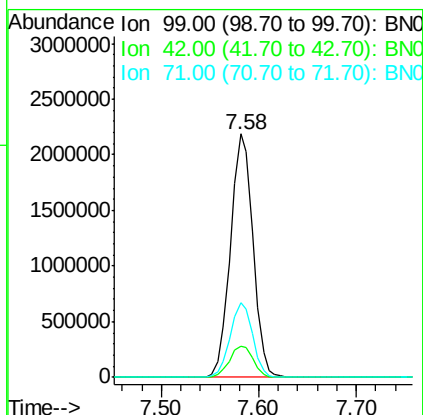
Tot Ion: 99 Resp: 3499036

Ion Ratio Lower Upper

99 100

42 12.9 14.1 21.1#

71 30.6 26.1 39.1



#19

n-Nitroso-di-n-propylamine

Concen: 12.80 ng

RT: 9.63 min Scan# 1130

Delta R.T. 0.35 min

Lab File: BN000129.D

Acq: 20 Feb 2018 02:13

Tgt Ion: 70 Resp: 343127

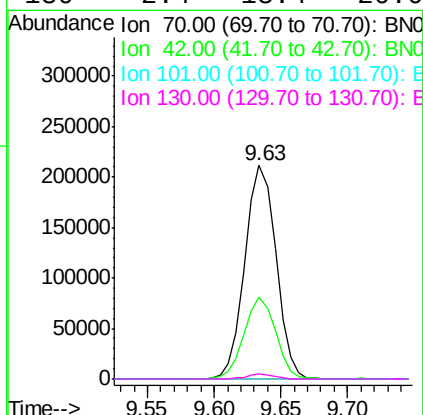
Ion Ratio Lower Upper

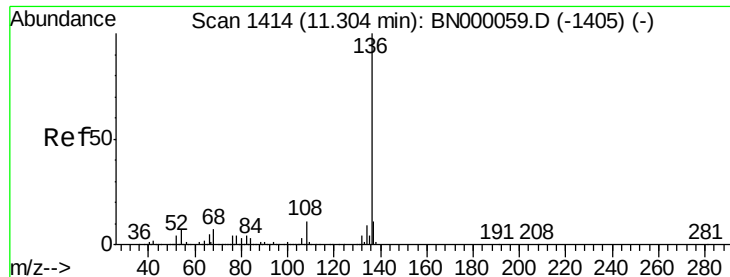
70 100

42 38.1 49.1 73.7#

101 0.0 8.5 12.7#

130 2.4 13.4 20.0#

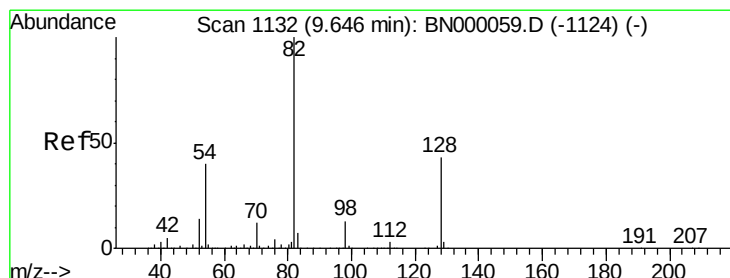
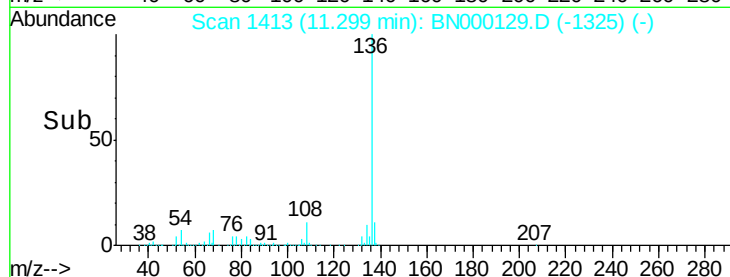
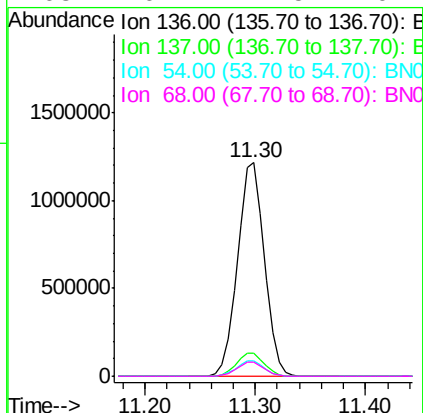
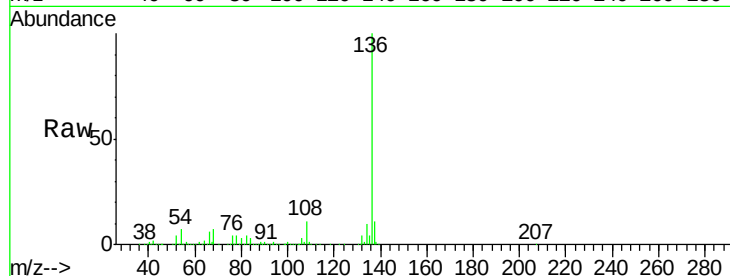




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.30 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BN000129.D
Acq: 20 Feb 2018 02:13

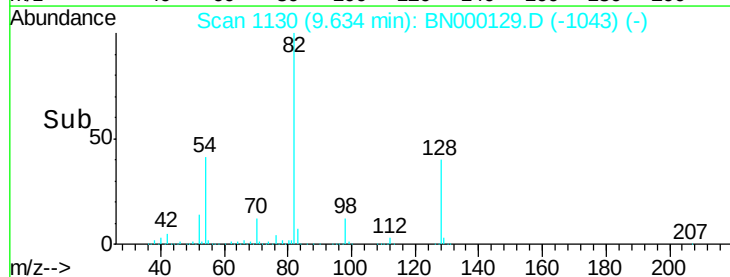
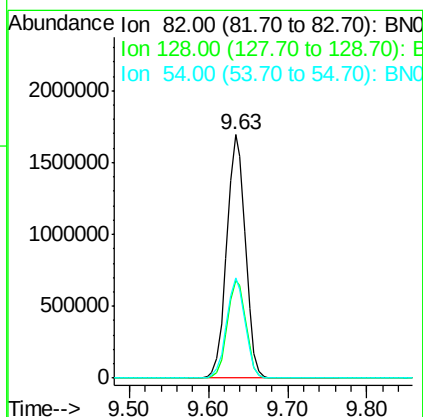
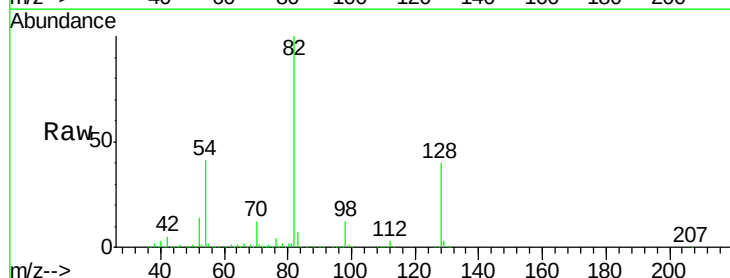
Instrument :
BNA_N
ClientSampleId :

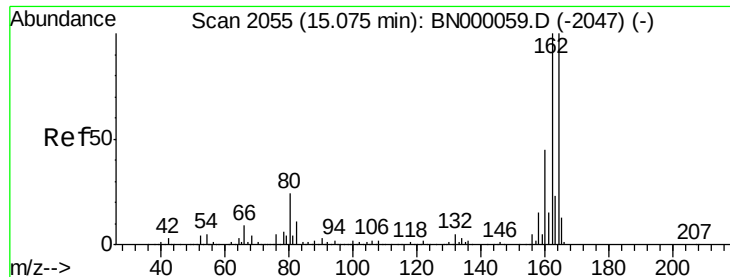
Tot Ion:136	Resp: 2081019
Ion Ratio	Lower Upper
136 100	
137 10.7	9.2 13.8
54 7.3	10.3 15.5#
68 6.7	4.5 6.7#



#23
Nitrobenzene-d5
Concen: 78.38 ng
RT: 9.63 min Scan# 1130
Delta R.T. -0.02 min
Lab File: BN000129.D
Acq: 20 Feb 2018 02:13

Tgt	Ion: 82	Resp: 2743328	
Ion	Ratio	Lower	Upper
82	100		
128	40.4	29.7	44.5
54	41.1	43.1	64.7#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.06 min Scan# 2053

Delta R.T. -0.02 min

Lab File: BN000129.D

Acq: 20 Feb 2018 02:13

Instrument :

BNA_N

ClientSampled :

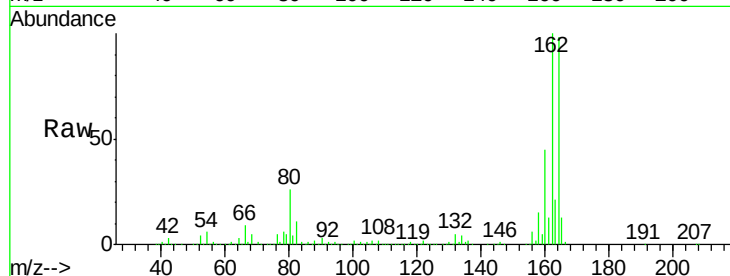
Tot Ion:164 Resp: 1280933

Ion Ratio Lower Upper

164 100

162 102.2 78.8 118.2

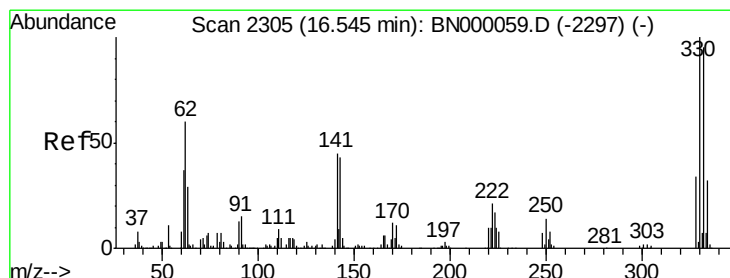
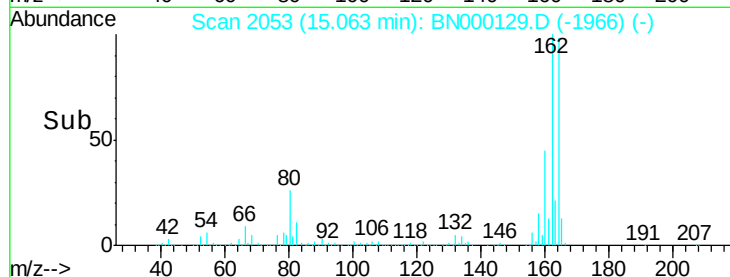
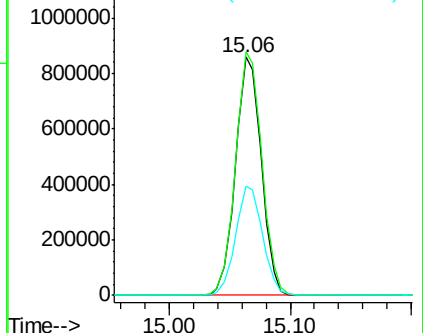
160 45.9 35.4 53.0



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: 72.11 ng

RT: 16.53 min Scan# 2303

Delta R.T. -0.02 min

Lab File: BN000129.D

Acq: 20 Feb 2018 02:13

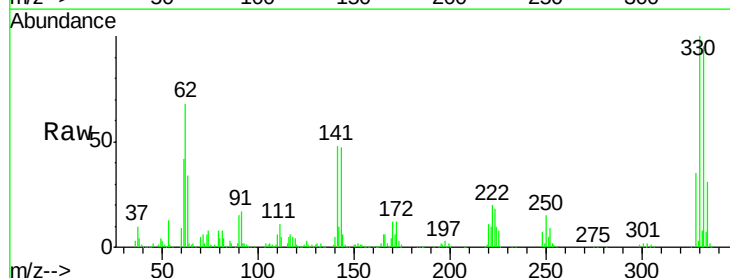
Tgt Ion:330 Resp: 914253

Ion Ratio Lower Upper

330 100

332 95.8 77.0 115.6

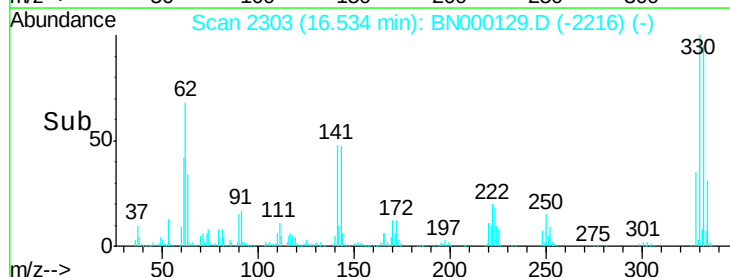
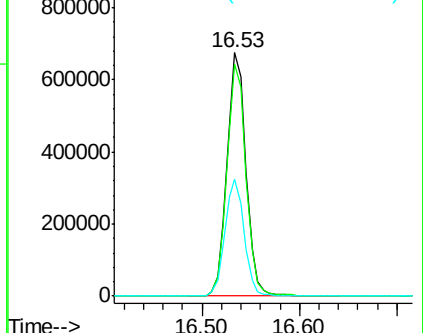
141 49.0 25.2 37.8#

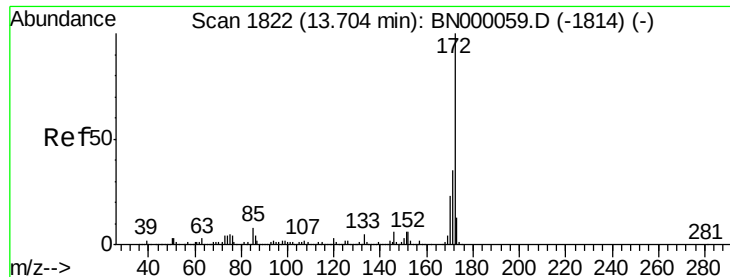


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

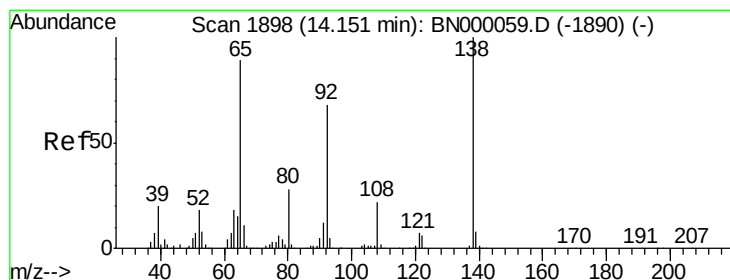
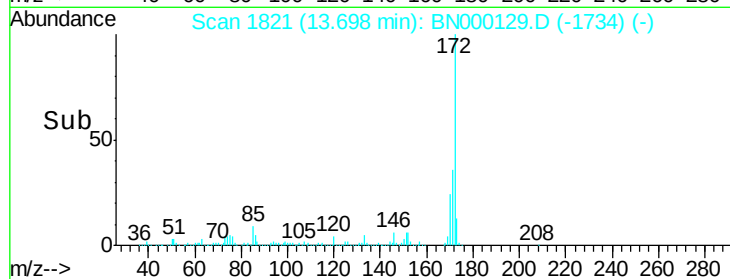
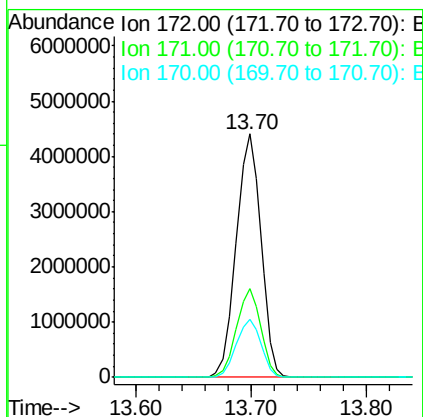
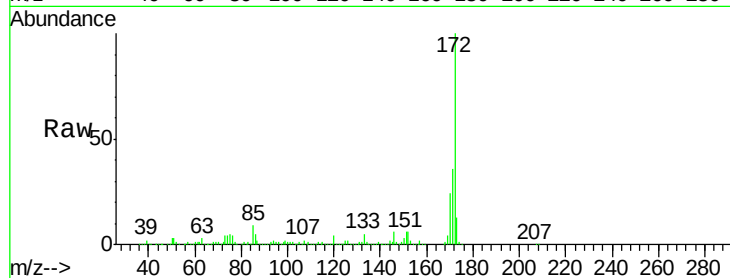




#44
2-Fluorobiphenyl
Concen: 71.77 ng
RT: 13.70 min Scan# 1821
Delta R.T. -0.02 min
Lab File: BN000129.D
Acq: 20 Feb 2018 02:13

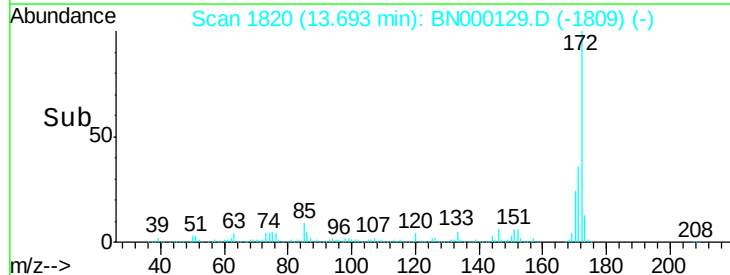
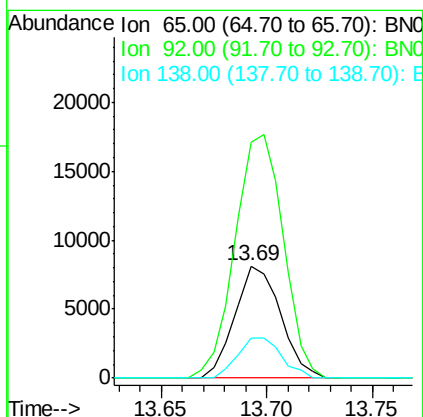
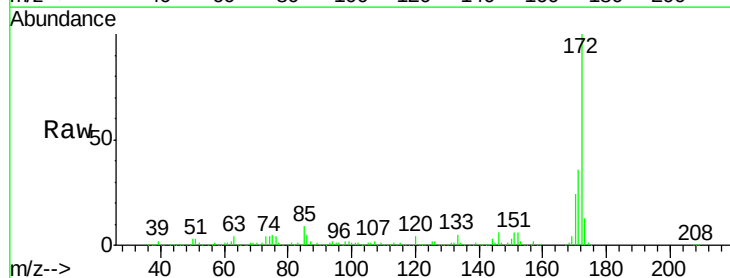
Instrument :
BNA_N
ClientSampled :

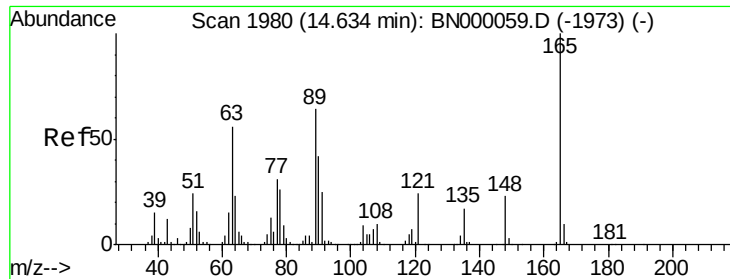
Tot Ion:172 Resp: 6522325
Ion Ratio Lower Upper
172 100
171 36.2 30.0 45.0
170 24.1 19.5 29.3



#47
2-Nitroaniline
Concen: 5.32 ng
RT: 13.69 min Scan# 1820
Delta R.T. -0.46 min
Lab File: BN000129.D
Acq: 20 Feb 2018 02:13

Tgt Ion: 65 Resp: 12189
Ion Ratio Lower Upper
65 100
92 210.2 54.6 82.0#
138 35.2 72.9 109.3#

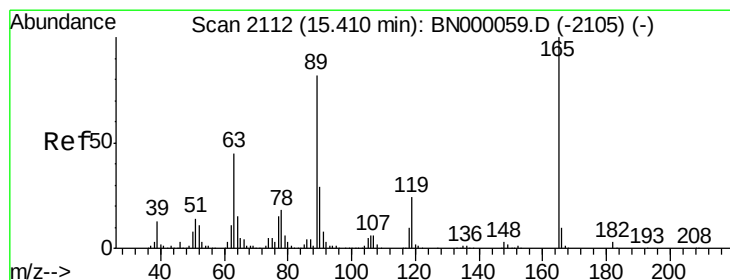
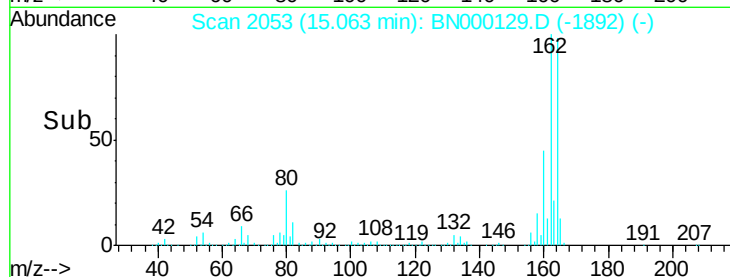
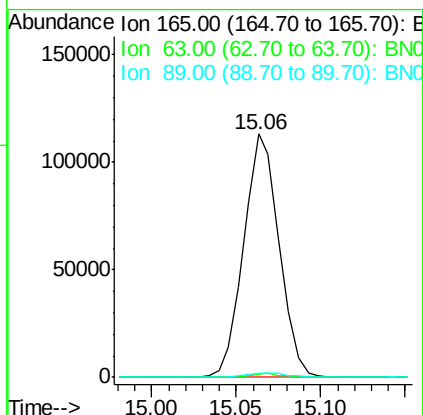
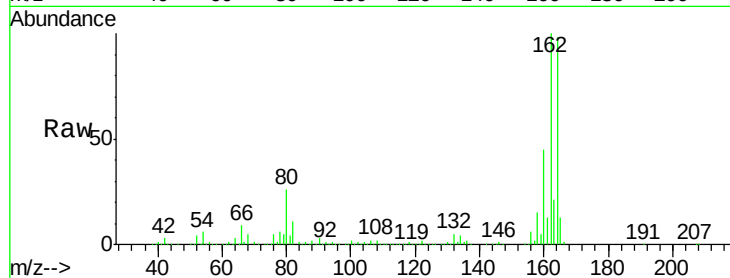




#50
 2,6-Dinitrotoluene
 Concen: 7.45 ng
 RT: 15.06 min Scan# 2053
 Delta R.T. 0.42 min
 Lab File: BN000129.D
 Acq: 20 Feb 2018 02:13

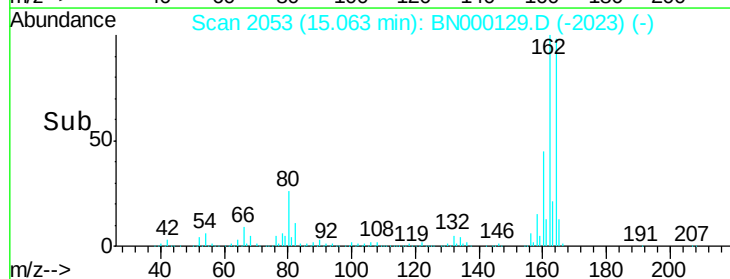
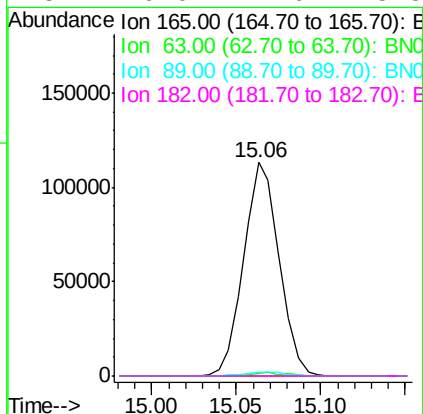
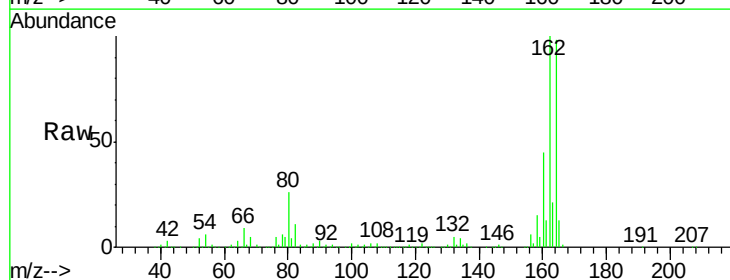
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 BNA_N
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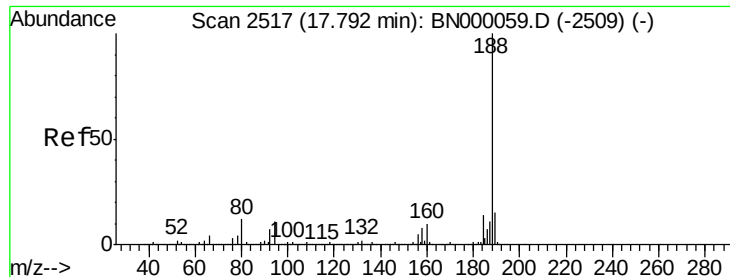
Tot Ion:165 Resp: 164621
 Ion Ratio Lower Upper
 165 100
 63 1.4 52.7 79.1#
 89 1.7 49.2 73.8#



#56
 2,4-Dinitrotoluene
 Concen: 8.93 ng
 RT: 15.06 min Scan# 2053
 Delta R.T. -0.35 min
 Lab File: BN000129.D
 Acq: 20 Feb 2018 02:13

Tgt Ion:165 Resp: 164621
 Ion Ratio Lower Upper
 165 100
 63 1.4 42.0 63.0#
 89 1.7 66.9 100.3#
 182 0.0 2.6 3.8#

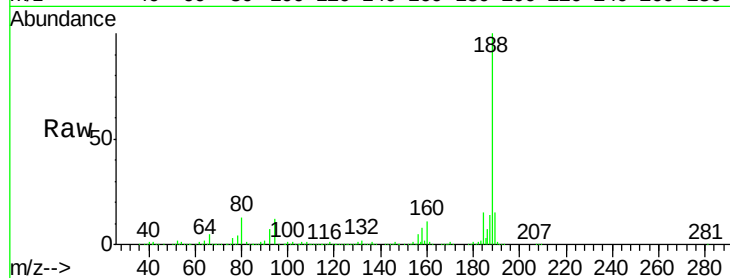




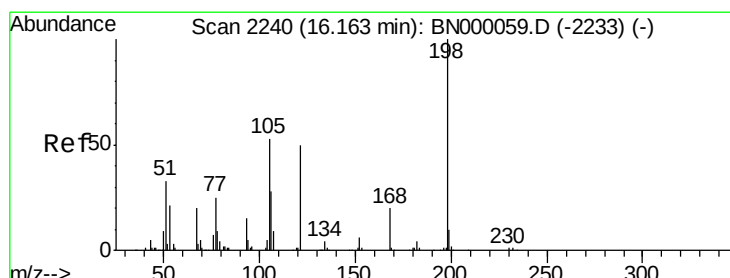
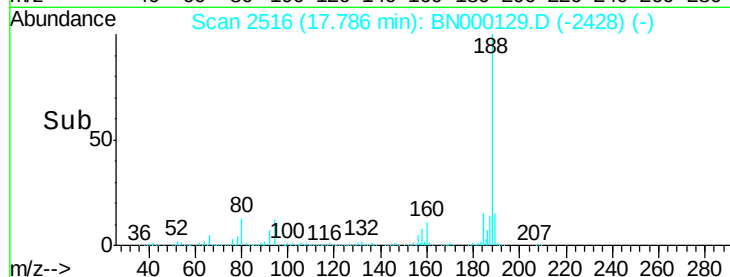
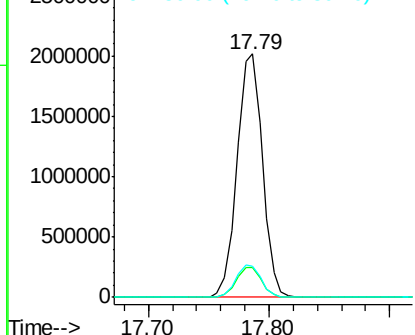
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.79 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BN000129.D
Acq: 20 Feb 2018 02:13

Instrument :
BNA_N
ClientSampleId :

Tot Ion:188 Resp: 2963998
Ion Ratio Lower Upper
188 100
94 12.3 6.9 10.3#
80 13.0 7.7 11.5#

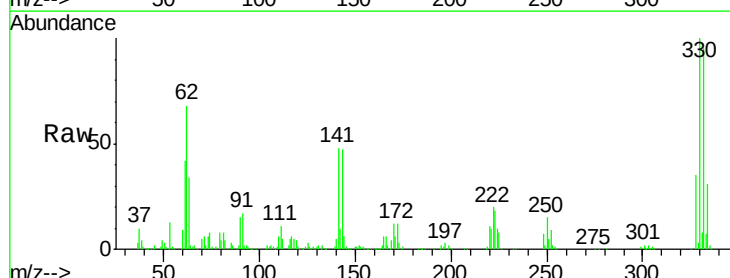


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BNC
Ion 80.00 (79.70 to 80.70): BNC

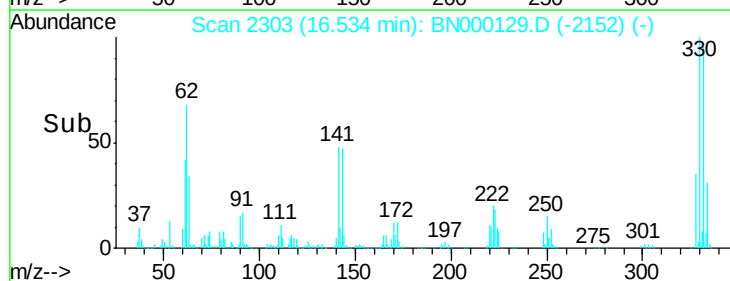
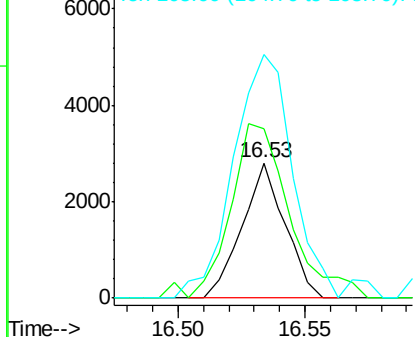


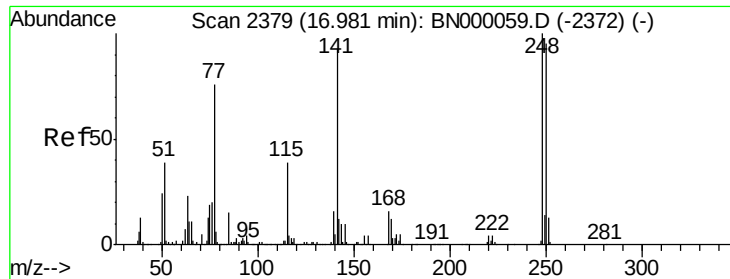
#64
4,6-Dinitro-2-methylphenol
Concen: 8.90 ng
RT: 16.53 min Scan# 2303
Delta R.T. 0.36 min
Lab File: BN000129.D
Acq: 20 Feb 2018 02:13

Tgt Ion:198 Resp: 3303
Ion Ratio Lower Upper
198 100
51 125.4 30.6 70.6#
105 180.0 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

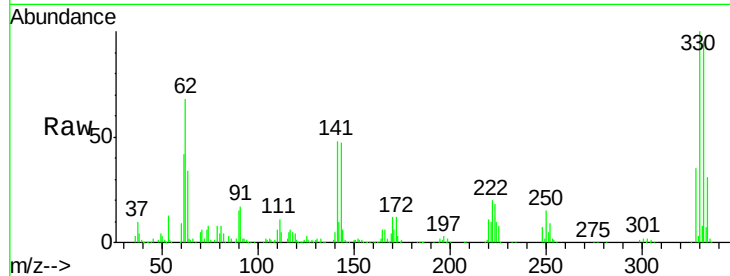




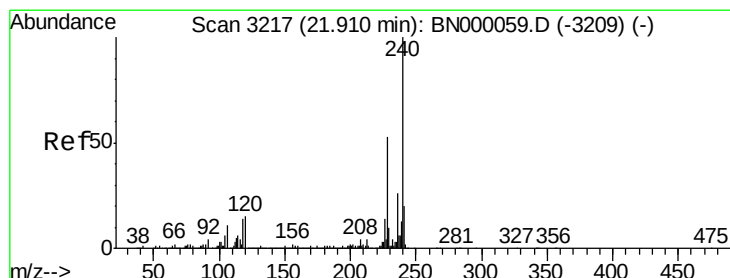
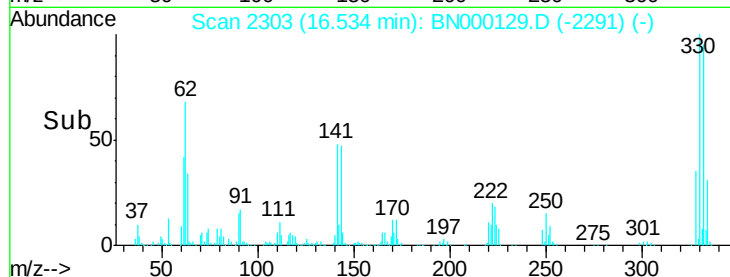
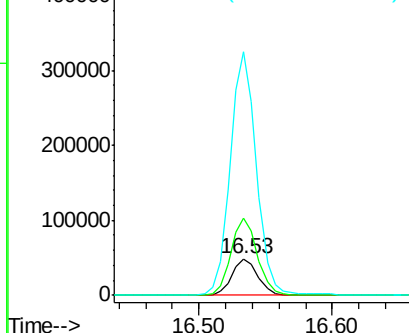
#66
 4-Bromophenyl-phenylether
 Concen: 2.34 ng
 RT: 16.53 min Scan# 2303
 Delta R.T. -0.46 min
 Lab File: BN000129.D
 Acq: 20 Feb 2018 02:13

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:248 Resp: 66057
 Ion Ratio Lower Upper
 248 100
 250 211.7 77.1 115.7#
 141 663.1 50.8 76.2#

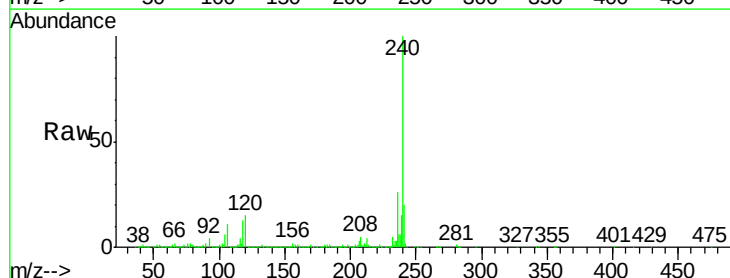


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

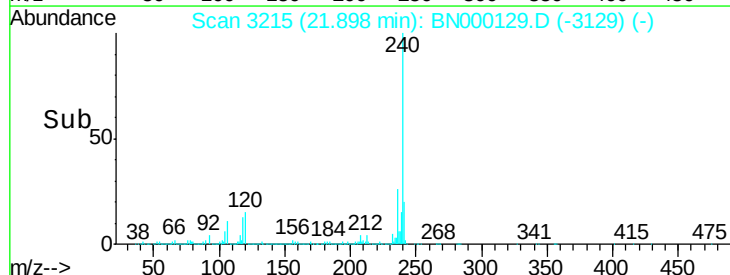
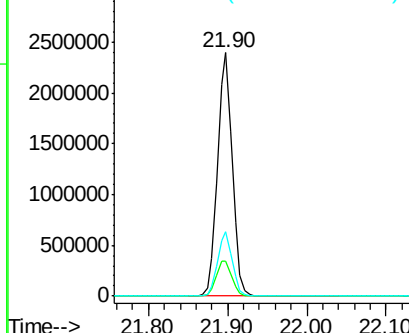


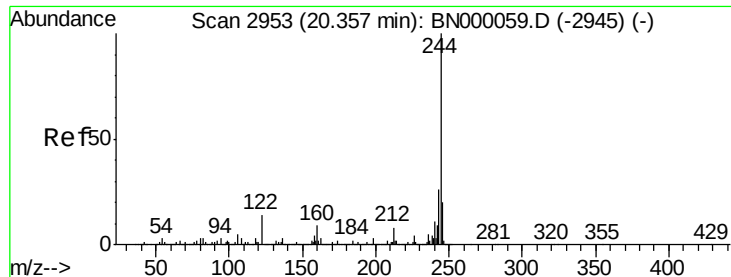
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.90 min Scan# 3215
 Delta R.T. -0.02 min
 Lab File: BN000129.D
 Acq: 20 Feb 2018 02:13

Tgt Ion:240 Resp: 3078612
 Ion Ratio Lower Upper
 240 100
 120 14.5 6.8 10.2#
 236 26.3 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: 76.97 ng

RT: 20.35 min Scan# 2951

Delta R.T. -0.02 min

Lab File: BN000129.D

Acq: 20 Feb 2018 02:13

Instrument :

BNA_N

ClientSampleId :

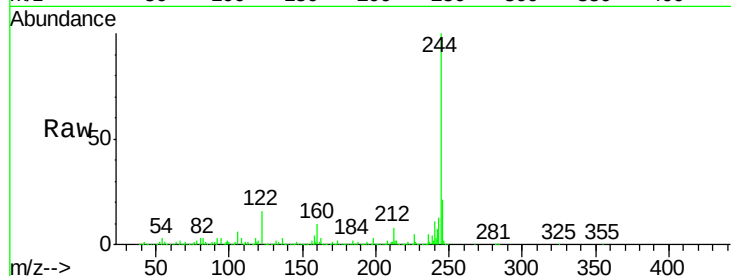
Tot Ion:244 Resp: 8776097

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

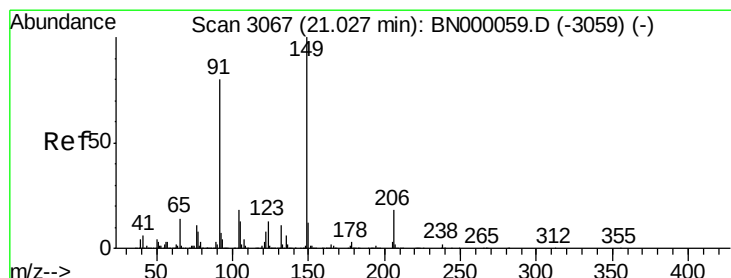
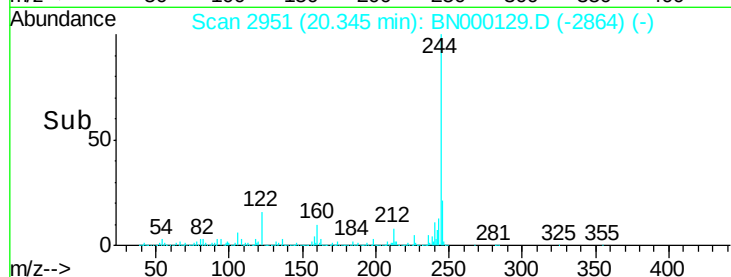
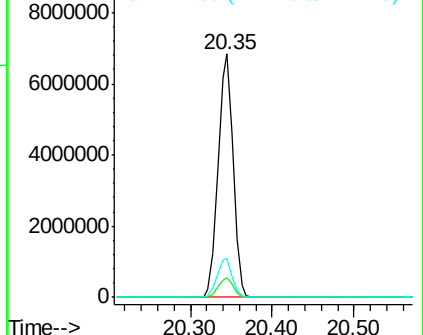
122 15.9 7.0 10.4#



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: 5.38 ng

RT: 21.02 min Scan# 3065

Delta R.T. -0.02 min

Lab File: BN000129.D

Acq: 20 Feb 2018 02:13

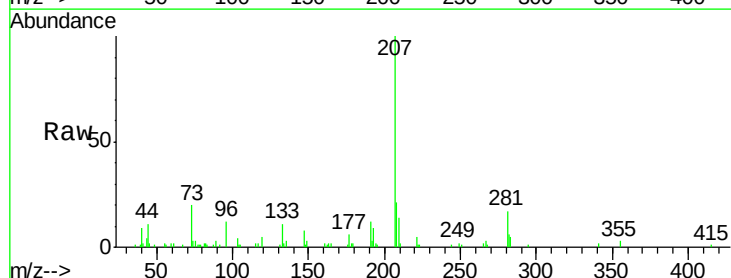
Tgt Ion:149 Resp: 426

Ion Ratio Lower Upper

149 100

91 55.2 62.2 93.2#

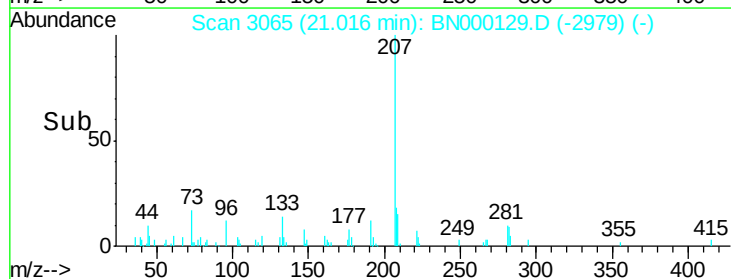
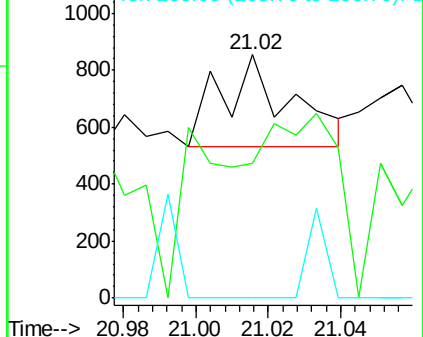
206 0.0 18.6 27.8#

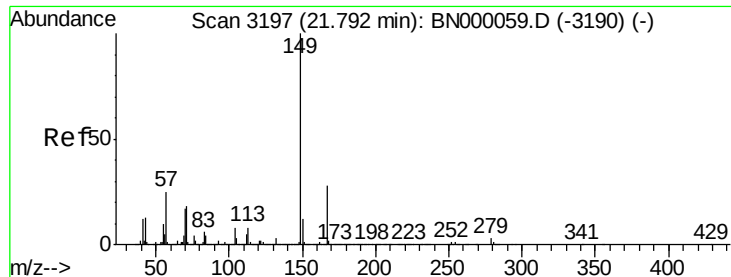


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BN0

Ion 206.00 (205.70 to 206.70): E

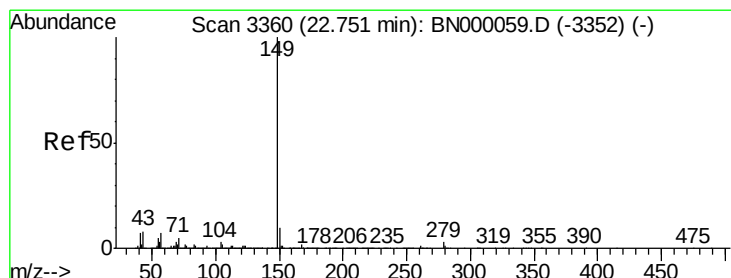
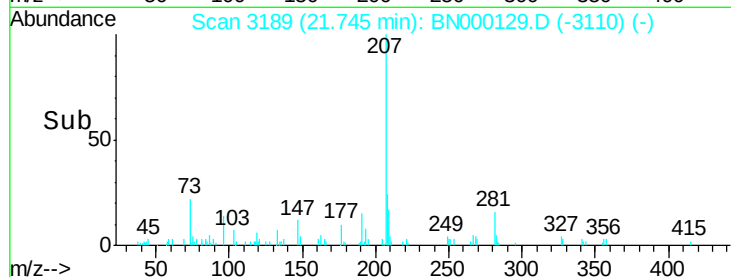
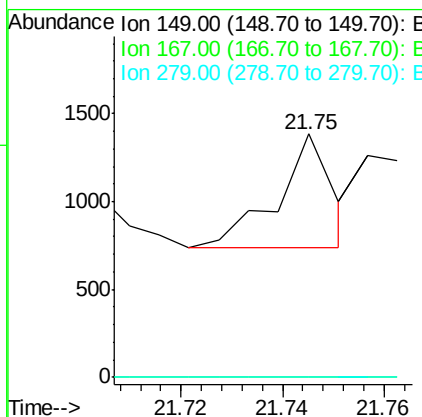
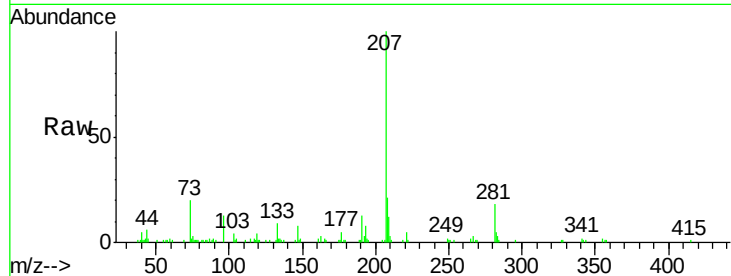




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.91 ng
 RT: 21.75 min Scan# 3189
 Delta R.T. -0.06 min
 Lab File: BN000129.D
 Acq: 20 Feb 2018 02:13

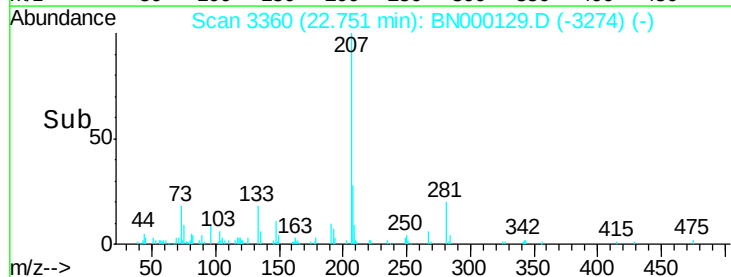
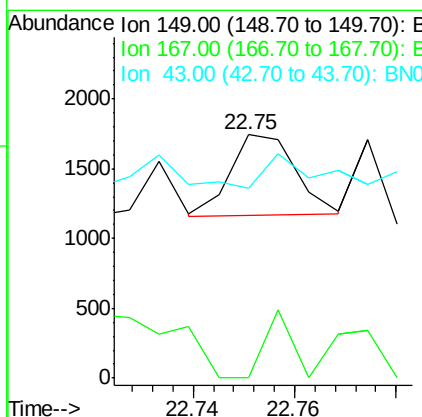
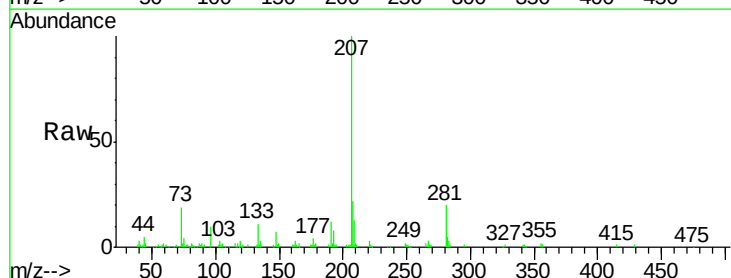
Instrument :
 BNA_N
 ClientSampleId :

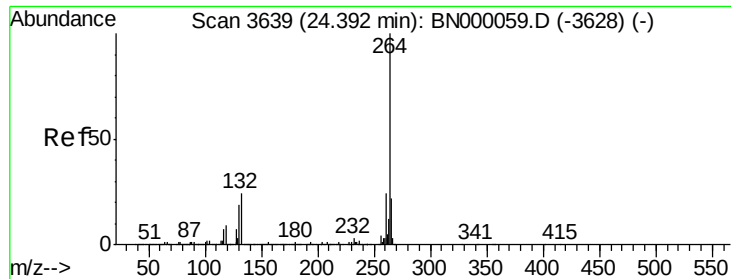
Tot Ion:149 Resp: 485
 Ion Ratio Lower Upper
 149 100
 167 0.0 24.3 36.5#
 279 0.0 4.0 6.0#



#84
 Di-n-octyl phthalate
 Concen: 6.73 ng
 RT: 22.75 min Scan# 3360
 Delta R.T. -0.02 min
 Lab File: BN000129.D
 Acq: 20 Feb 2018 02:13

Tgt Ion:149 Resp: 510
 Ion Ratio Lower Upper
 149 100
 167 34.1 1.4 2.0#
 43 141.0 8.9 13.3#



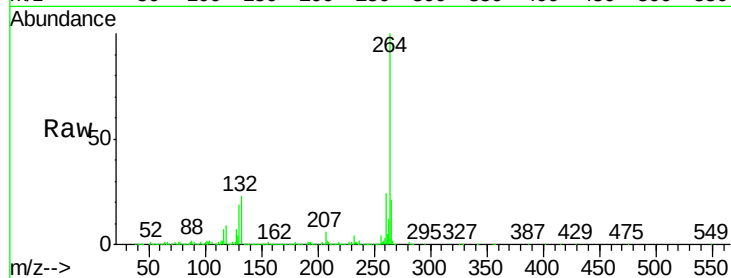


#86
Pervlene-d12
Concen: 20.00 ng
RT: 24.37 min Scan# 3636
Delta R.T. -0.04 min
Lab File: BN000129.D
Acq: 20 Feb 2018 02:13

Instrument :
BNA_N
ClientSampleId :

Tot Ion:264 Resp: 3294884

Ion	Ratio	Lower	Upper
264	100		
260	23.8	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

