

Data Path : Z:\HPCHEM1\BNA N\DATA\BN021918\
 Data File : BN000114.D
 Acq On : 19 Feb 2018 17:37
 Operator : JU/SJ
 Sample : J1573-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-2

Quant Time: Feb 20 06:49:31 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

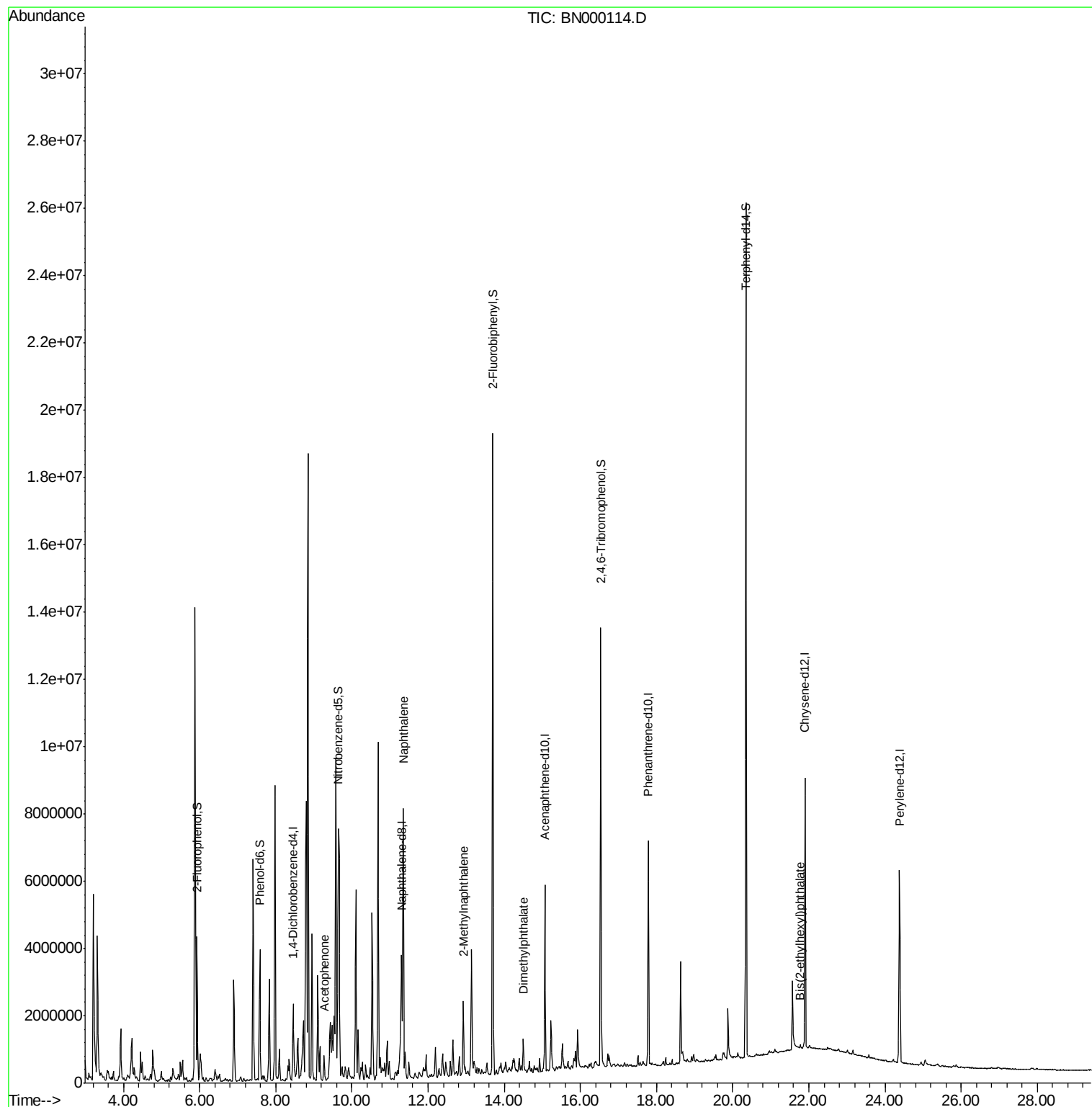
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	613608	20.00	ng	-0.01
21) Naphthalene-d8	11.30	136	2985830	20.00	ng	-0.01
38) Acenaphthene-d10	15.07	164	1722538	20.00	ng	-0.01
63) Phenanthrene-d10	17.79	188	3644170	20.00	ng	-0.01
75) Chrysene-d12	21.90	240	3629994	20.00	ng	-0.02
86) Perylene-d12	24.38	264	3832985	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.93	112	2099630	55.77	ng	-0.01
7) Phenol-d6	7.58	99	1798505	31.54	ng	-0.01
23) Nitrobenzene-d5	9.64	82	4481053	89.23	ng	-0.01
41) 2,4,6-Tribromophenol	16.54	330	2156848	126.50	ng	-0.01
44) 2-Fluorobiphenyl	13.70	172	9517616	77.87	ng	-0.02
78) Terphenyl-d14	20.35	244	11123671	82.74	ng	-0.02
Target Compounds						
22) Acetophenone	9.27	105	556220	6.648	ng	Qvalue # 54
31) Naphthalene	11.35	128	6187409	37.799	ng	97
37) 2-Methylnaphthalene	12.92	142	988644	8.680	ng	97
49) Dimethylphthalate	14.50	163	538192	3.738	ng	99
83) Bis(2-ethylhexyl)phthalate	21.77	149	37291	3.119	ng	# 92

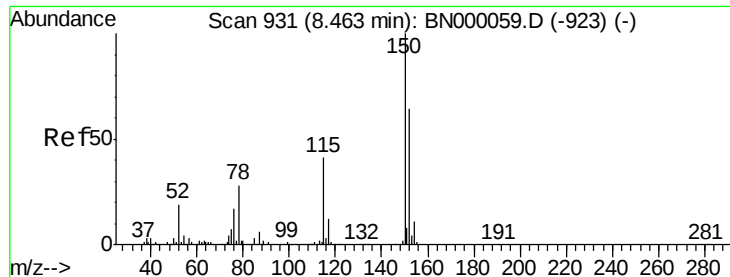
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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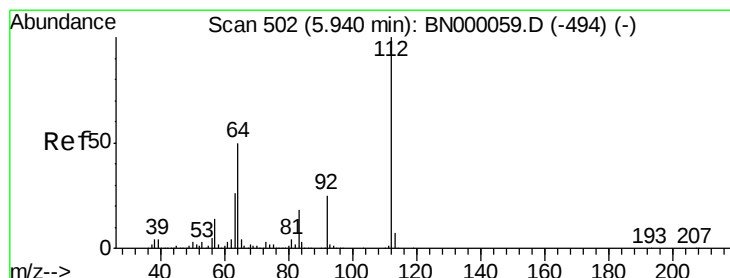
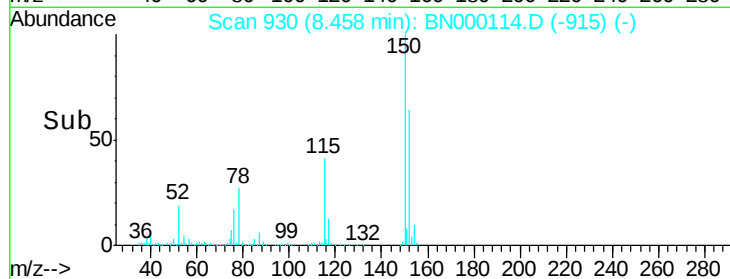
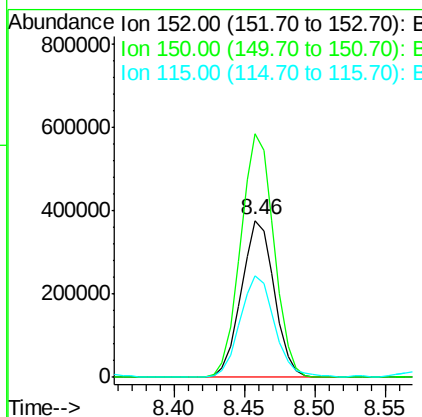
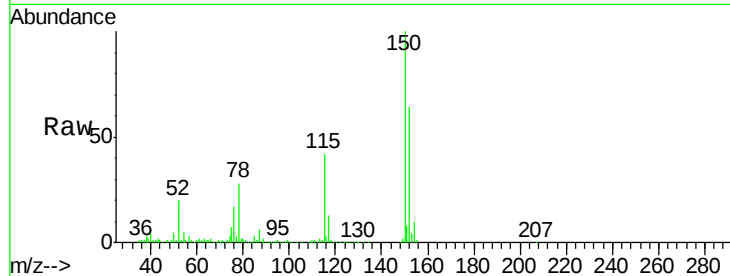


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.46 min Scan# 930
Delta R.T. -0.01 min
Lab File: BN000114.D
Acq: 19 Feb 2018 17:37

Instrument :
BNA_N
ClientSampleId :
MW-2

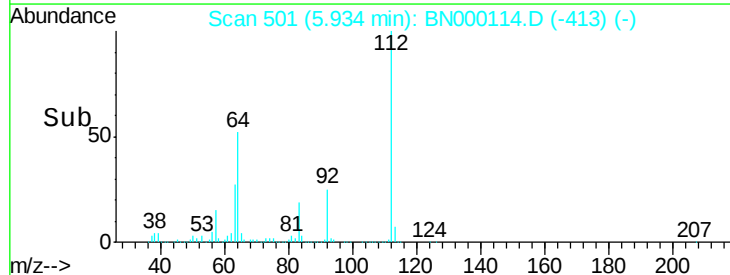
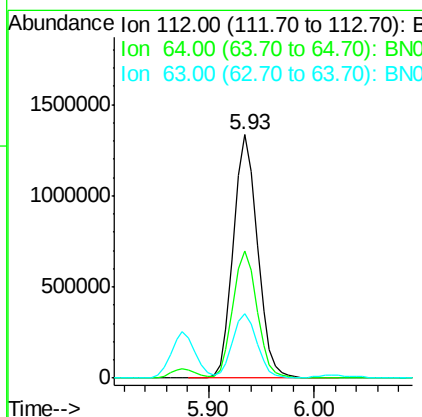
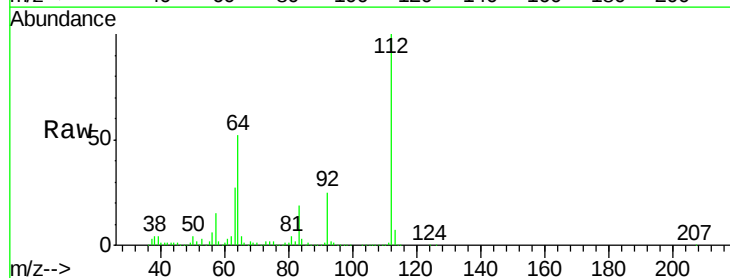
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	126.6	189.8
115	65.2	53.0	79.4

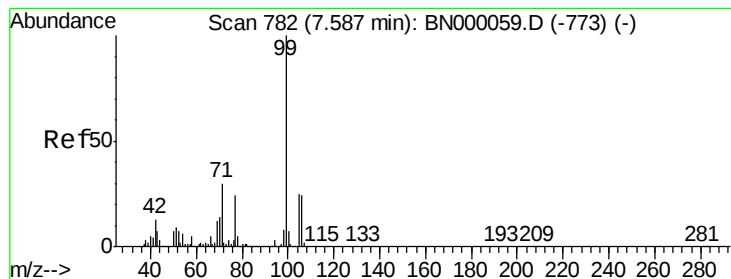


#5

2-Fluorophenol
Concen: 55.767 ng
RT: 5.93 min Scan# 501
Delta R.T. -0.01 min
Lab File: BN000114.D
Acq: 19 Feb 2018 17:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.1	56.3	84.5#
63	26.7	30.1	45.1#





#7

Phenol-d6

Concen: 31.536 ng

RT: 7.58 min Scan# 781

Delta R.T. -0.01 min

Lab File: BN000114.D

Acq: 19 Feb 2018 17:37

Instrument :

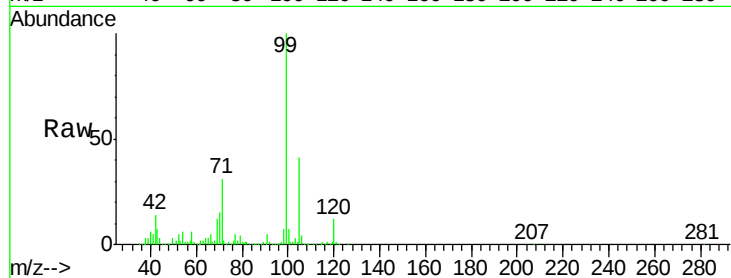
BNA_N

ClientSampleId :

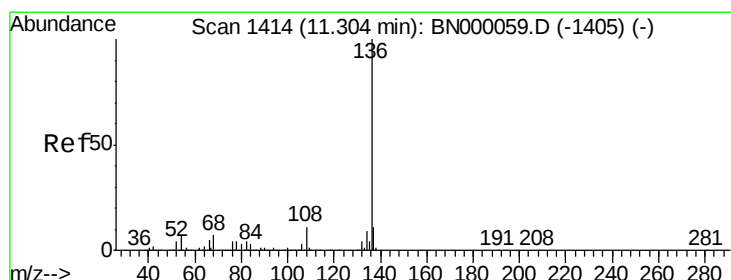
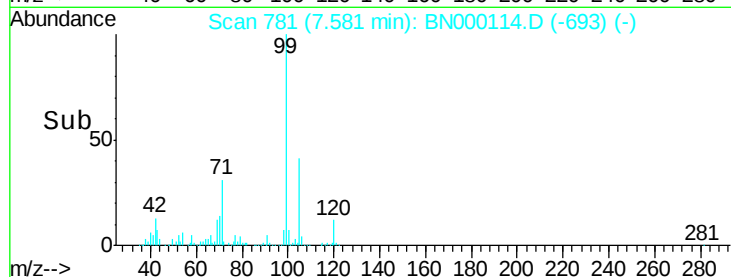
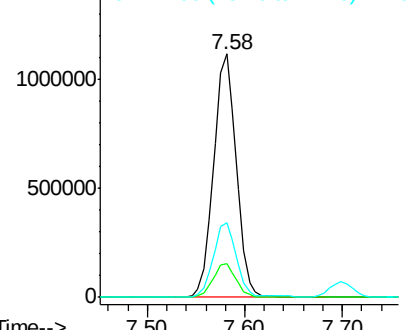
MW-2

Tot Ion: 99 Resp: 1798505

Ion	Ratio	Lower	Upper
99	100		
42	13.6	14.1	21.1#
71	30.9	26.1	39.1



Abundance Ion 99.00 (98.70 to 99.70): BN000114.D (-693) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.30 min Scan# 1413

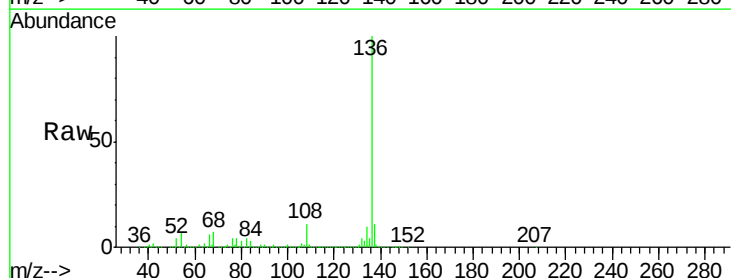
Delta R.T. -0.01 min

Lab File: BN000114.D

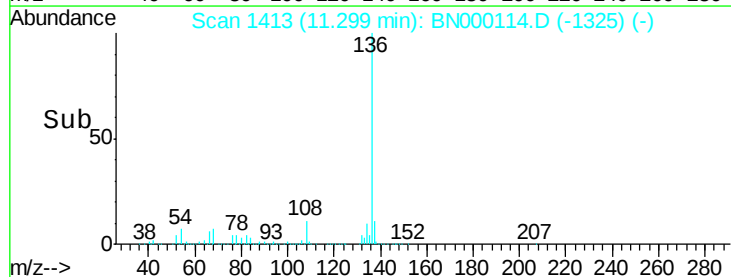
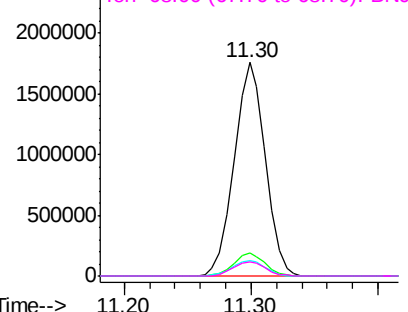
Acq: 19 Feb 2018 17:37

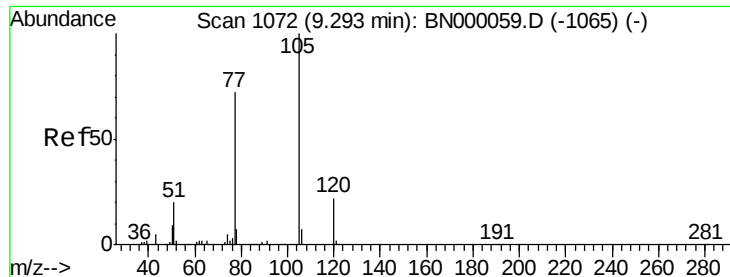
Tgt Ion: 136 Resp: 2985830

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	7.1	10.3	15.5#
68	6.9	4.5	6.7#



Abundance Ion 136.00 (135.70 to 136.70): BN000114.D (-1325) (-)





#22

Acetophenone

Concen: 6.648 ng

RT: 9.27 min Scan# 1068

Delta R.T. -0.04 min

Lab File: BN000114.D

Acq: 19 Feb 2018 17:37

Instrument :

BNA_N

ClientSampleId :

MW-2

Tot Ion:105 Resp: 556220

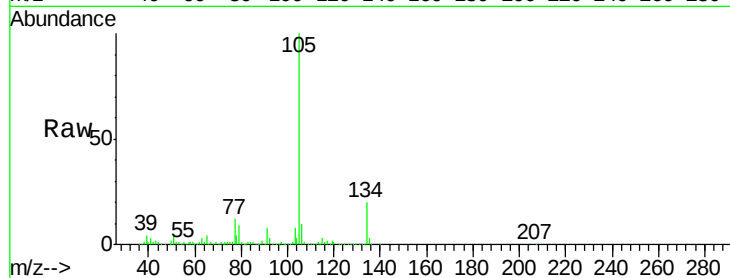
Ion Ratio Lower Upper

105 100

71 0.6 3.0 4.4#

51 3.7 26.1 39.1#

120 0.7 17.4 26.2#

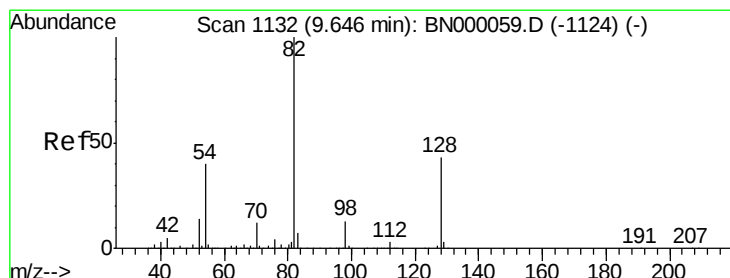
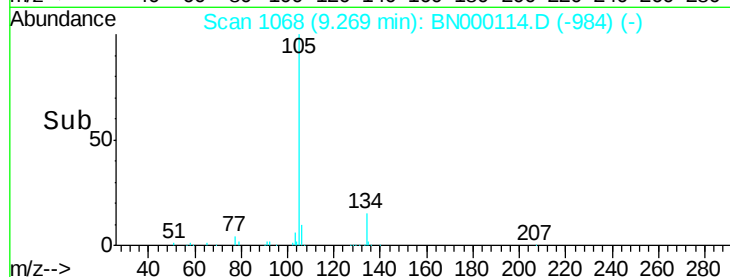
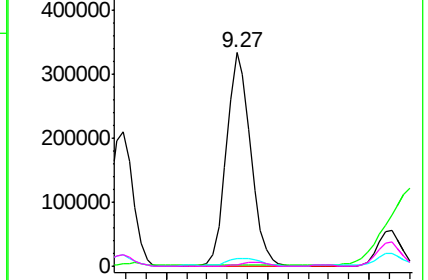


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BNC

Ion 51.00 (50.70 to 51.70): BNC

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 89.230 ng

RT: 9.64 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BN000114.D

Acq: 19 Feb 2018 17:37

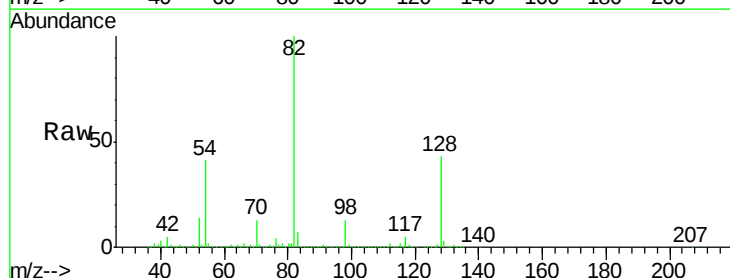
Tgt Ion: 82 Resp: 4481053

Ion Ratio Lower Upper

82 100

128 42.5 29.7 44.5

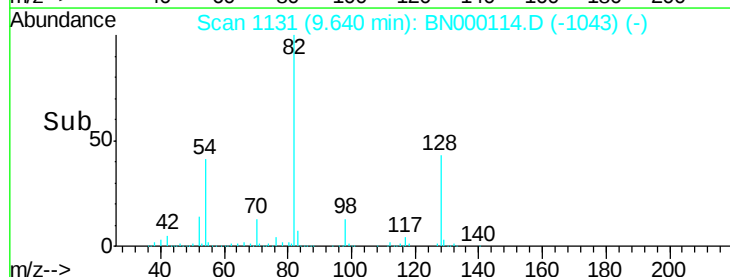
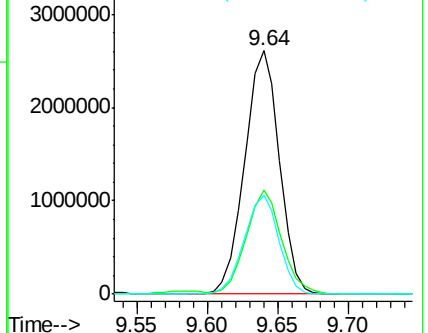
54 40.8 43.1 64.7#

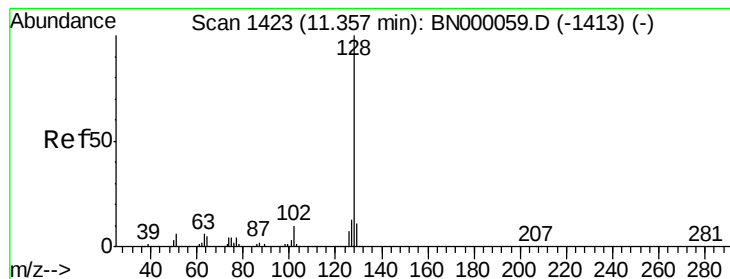


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#31

Naphthalene

Concen: 37.799 ng

RT: 11.35 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BN000114.D

Acq: 19 Feb 2018 17:37

Instrument :

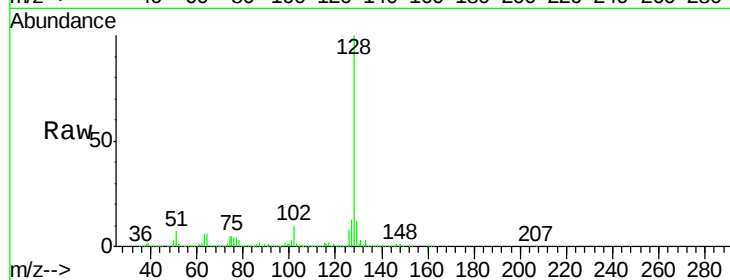
BNA_N

ClientSampleId :

MW-2

Tot Ion:128 Resp: 6187409

Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.6	12.8
127	13.4	11.6	17.4

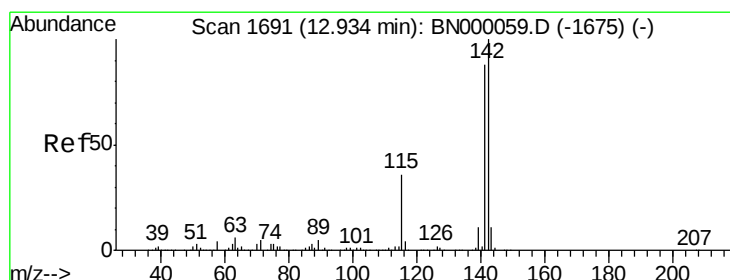
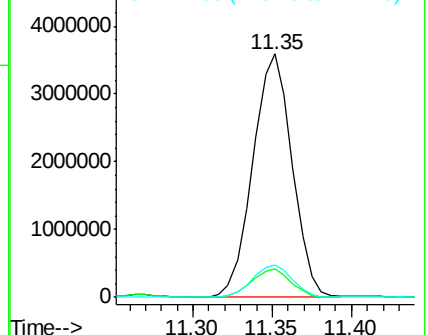
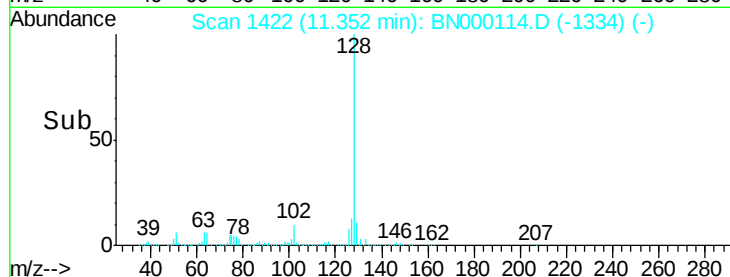


Abundance

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



#37

2-Methylnaphthalene

Concen: 8.680 ng

RT: 12.92 min Scan# 1689

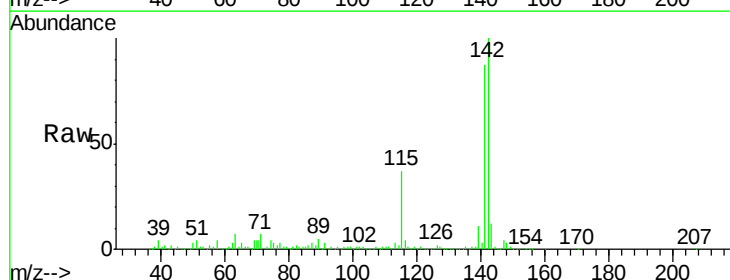
Delta R.T. -0.02 min

Lab File: BN000114.D

Acq: 19 Feb 2018 17:37

Tgt Ion:142 Resp: 988644

Ion	Ratio	Lower	Upper
142	100		
141	87.0	67.1	100.7
115	37.0	30.7	46.1

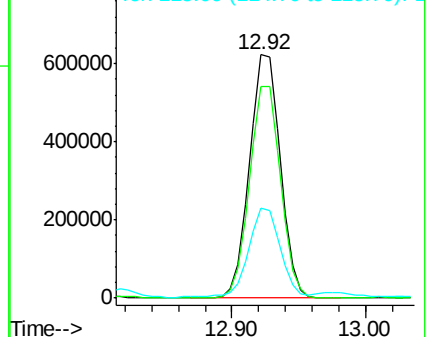
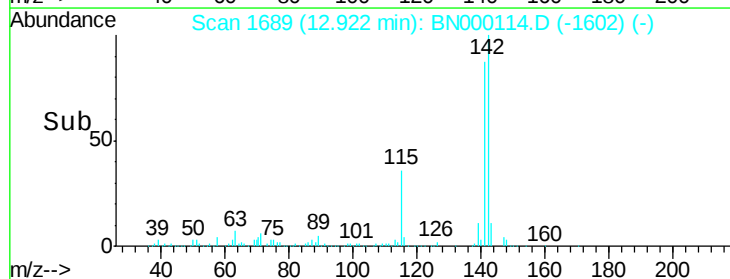


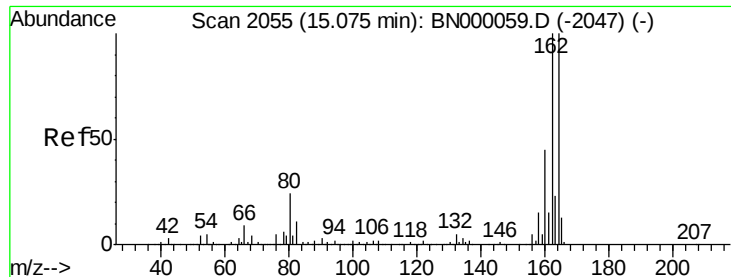
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.07 min Scan# 2054

Delta R.T. -0.01 min

Lab File: BN000114.D

Acq: 19 Feb 2018 17:37

Instrument :

BNA_N

ClientSampleId :

MW-2

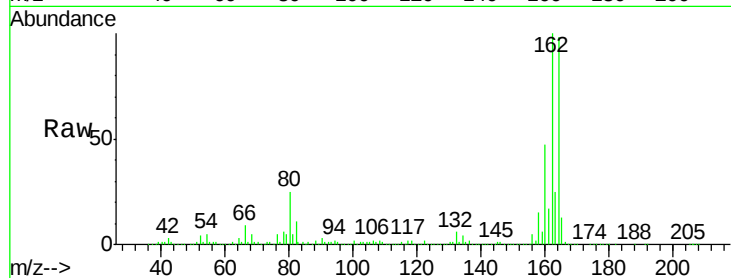
Tot Ion:164 Resp: 1722538

Ion Ratio Lower Upper

164 100

162 102.1 78.8 118.2

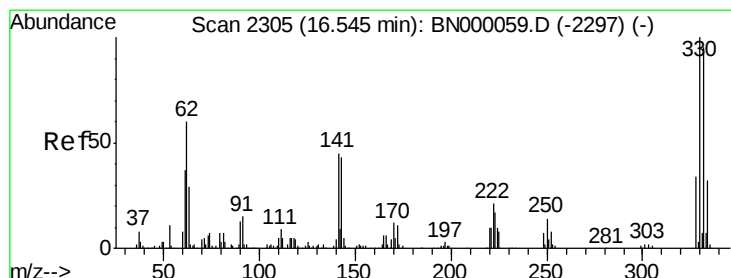
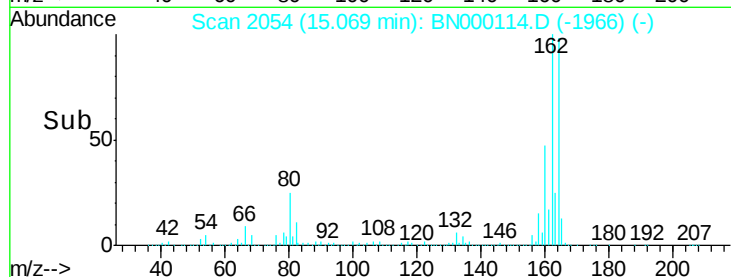
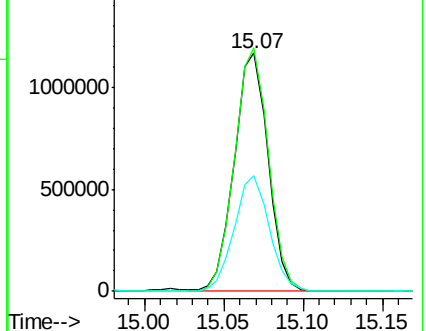
160 48.3 35.4 53.0



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: 126.498 ng

RT: 16.54 min Scan# 2304

Delta R.T. -0.01 min

Lab File: BN000114.D

Acq: 19 Feb 2018 17:37

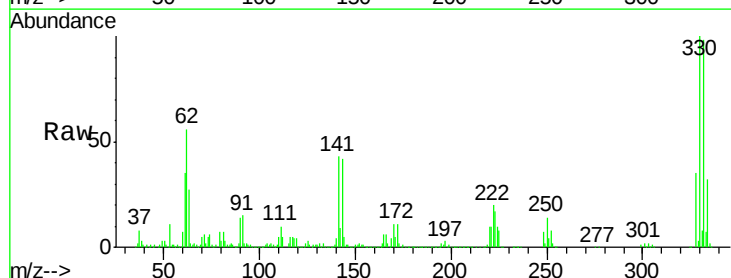
Tgt Ion:330 Resp: 2156848

Ion Ratio Lower Upper

330 100

332 97.0 77.0 115.6

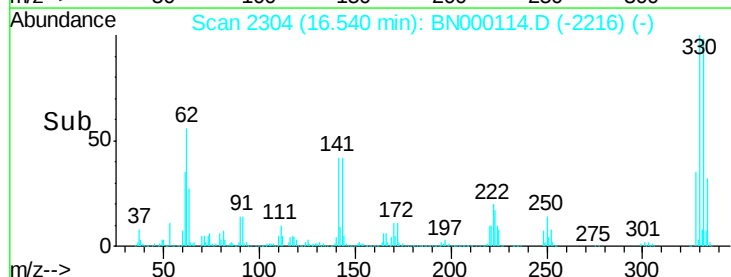
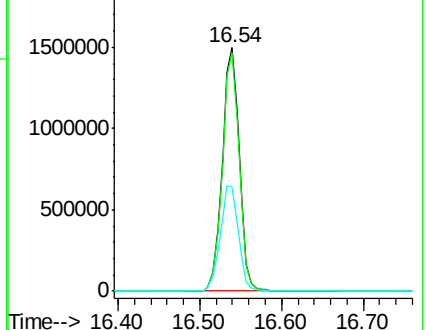
141 45.7 25.2 37.8#

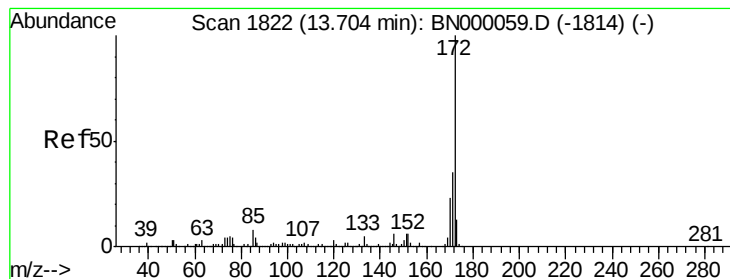


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 77.875 ng

RT: 13.70 min Scan# 1821

Delta R.T. -0.02 min

Lab File: BN000114.D

Acq: 19 Feb 2018 17:37

Instrument :

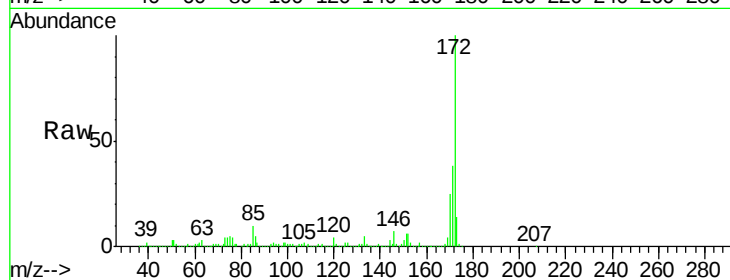
BNA_N

ClientSampleId :

MW-2

Tot Ion:172 Resp: 9517616

Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.0	45.0
170	25.0	19.5	29.3

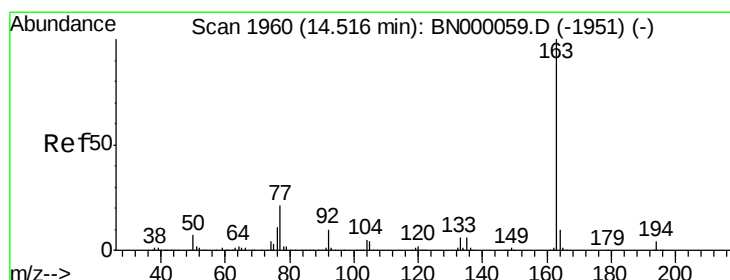
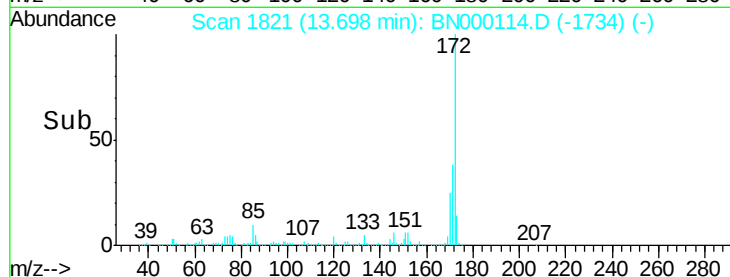
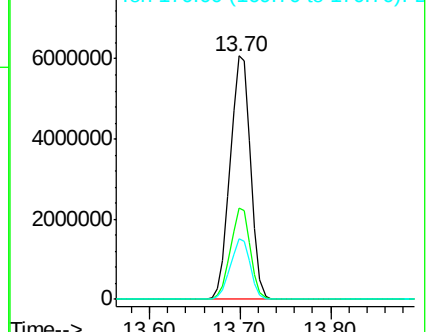


Abundance

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



#49

Dimethylphthalate

Concen: 3.738 ng

RT: 14.50 min Scan# 1958

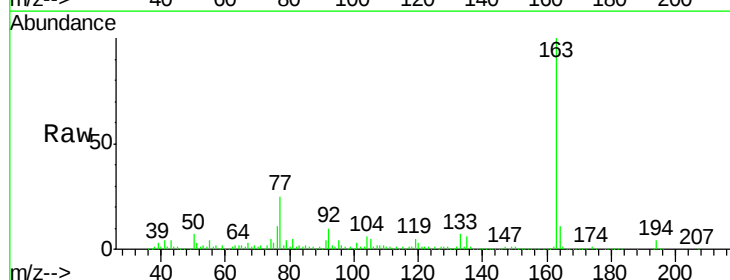
Delta R.T. -0.02 min

Lab File: BN000114.D

Acq: 19 Feb 2018 17:37

Tgt Ion:163 Resp: 538192

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.4	5.2
164	10.5	8.2	12.4

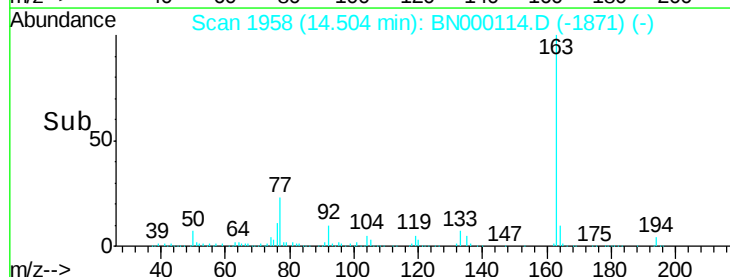
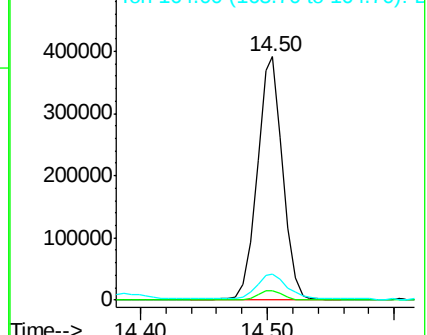


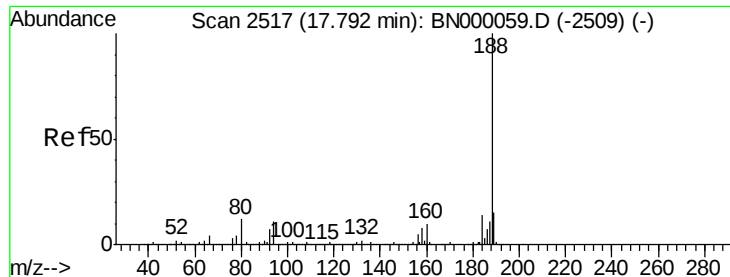
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.79 min Scan# 2516

Delta R.T. -0.01 min

Lab File: BN000114.D

Acq: 19 Feb 2018 17:37

Instrument :

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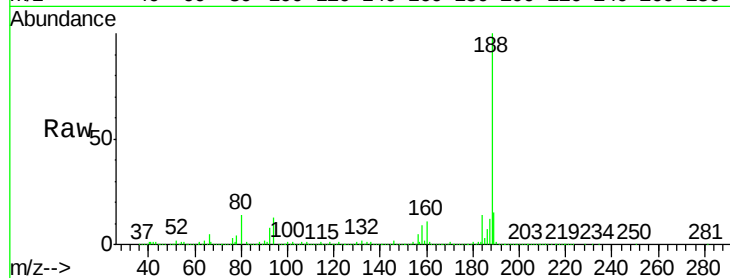
Tot Ion:188 Resp: 3644170

Ion Ratio Lower Upper

188 100

94 13.1 6.9 10.3#

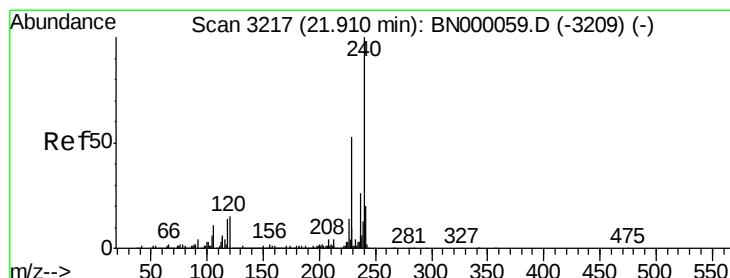
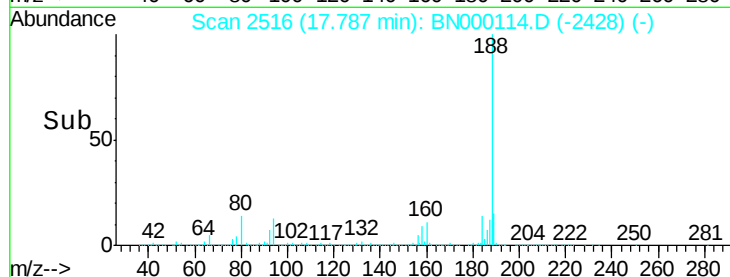
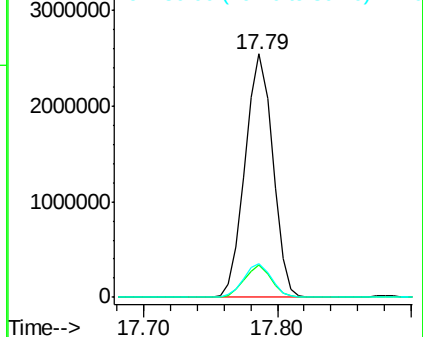
80 13.8 7.7 11.5#



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.90 min Scan# 3215

Delta R.T. -0.02 min

Lab File: BN000114.D

Acq: 19 Feb 2018 17:37

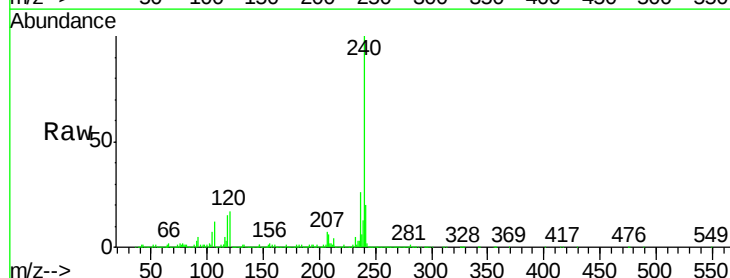
Tgt Ion:240 Resp: 3629994

Ion Ratio Lower Upper

240 100

120 16.5 6.8 10.2#

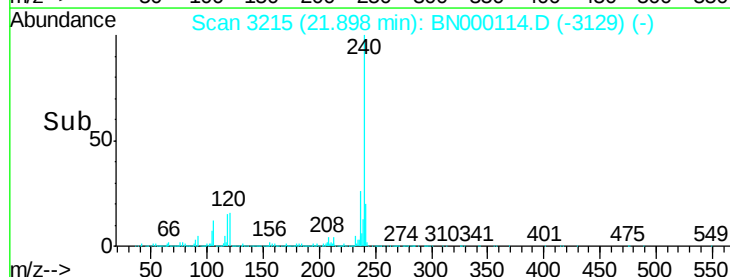
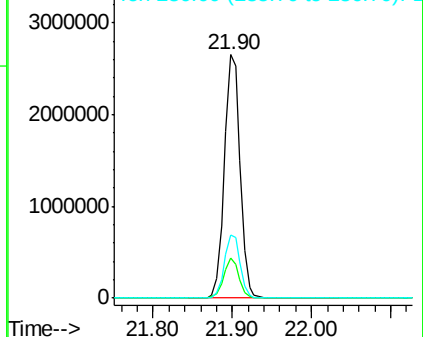
236 26.0 20.9 31.3

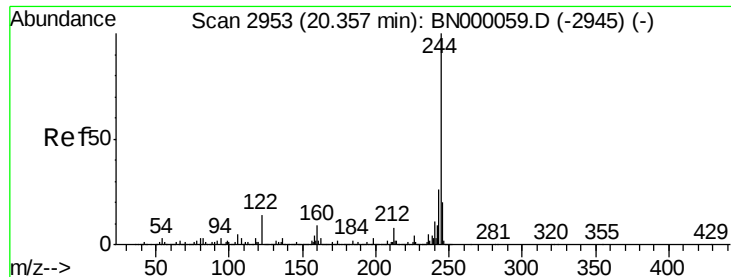


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

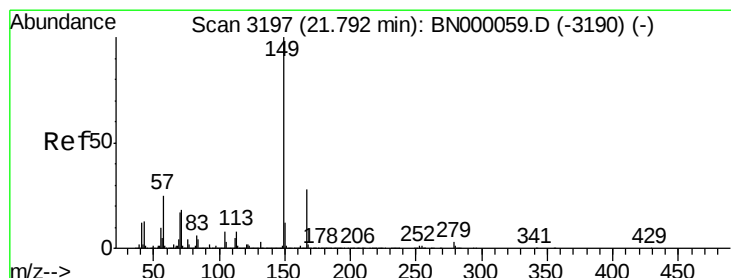
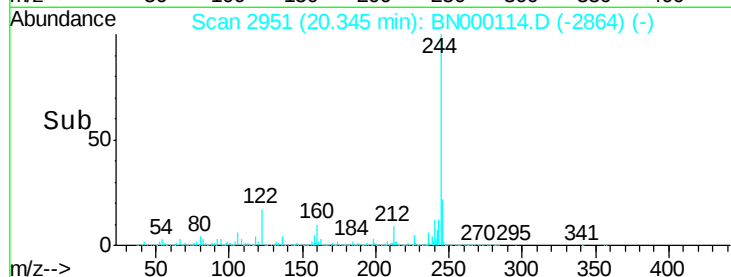
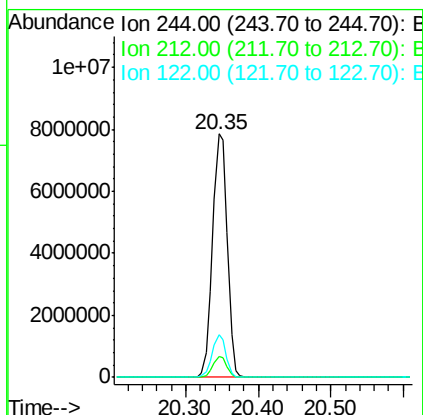
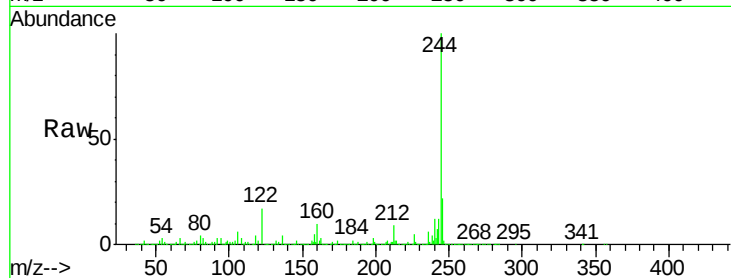




#78
 Terphenyl-d14
 Concen: 82.742 ng
 RT: 20.35 min Scan# 2951
 Delta R.T. -0.02 min
 Lab File: BN000114.D
 Acq: 19 Feb 2018 17:37

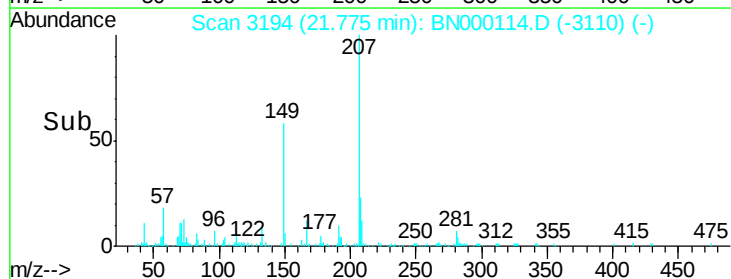
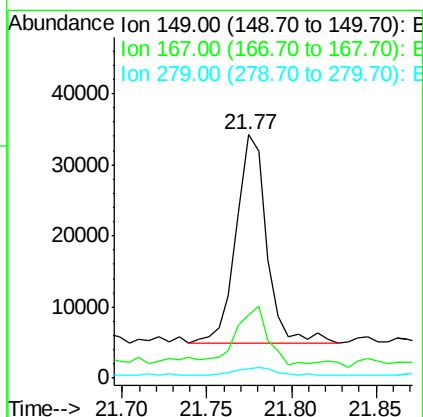
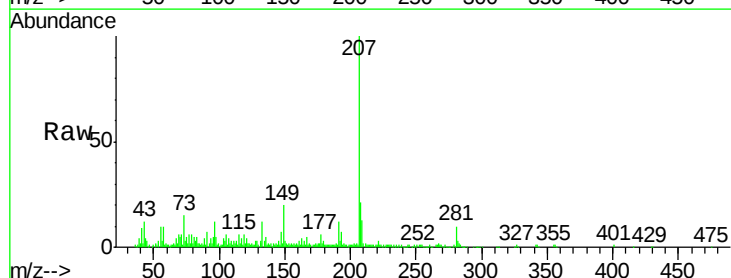
Instrument :
 BNA_N
 ClientSampleId :
 MW-2

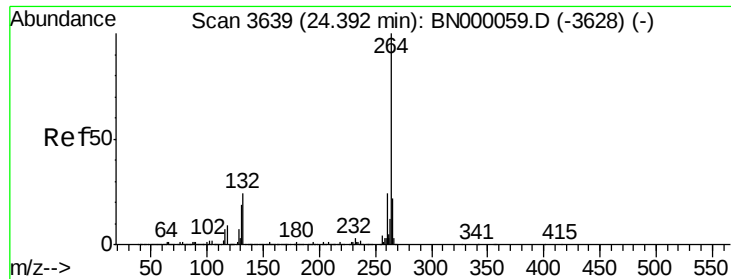
Tot Ion:244 Resp:11123671
 Ion Ratio Lower Upper
 244 100
 212 8.7 5.8 8.8
 122 17.5 7.0 10.4#



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.119 ng
 RT: 21.77 min Scan# 3194
 Delta R.T. -0.03 min
 Lab File: BN000114.D
 Acq: 19 Feb 2018 17:37

Tgt Ion:149 Resp: 37291
 Ion Ratio Lower Upper
 149 100
 167 25.9 24.3 36.5
 279 3.6 4.0 6.0#





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.38 min Scan# 3637
Delta R.T. -0.04 min
Lab File: BN000114.D
Acq: 19 Feb 2018 17:37

Instrument :
BNA_N
ClientSampleId :
MW-2

Tot Ion:264 Resp: 3832985

Ion	Ratio	Lower	Upper
264	100		
260	24.6	17.4	26.0
265	22.1	17.7	26.5

