

Data Path : Z:\HPCHEM1\BNA N\DATA\BN021918\
 Data File : BN000116.D
 Acq On : 19 Feb 2018 18:46
 Operator : JU/SJ
 Sample : J1573-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-4

Quant Time: Feb 20 06:51:57 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	411106	20.00	ng	-0.01
21) Naphthalene-d8	11.30	136	2052099	20.00	ng	-0.01
38) Acenaphthene-d10	15.07	164	1203689	20.00	ng	-0.01
63) Phenanthrene-d10	17.79	188	2754709	20.00	ng	-0.01
75) Chrysene-d12	21.90	240	2972266	20.00	ng	-0.02
86) Perylene-d12	24.38	264	2860894	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.93	112	1659389	65.78	ng	-0.01
7) Phenol-d6	7.58	99	1443262	37.77	ng	-0.01
23) Nitrobenzene-d5	9.64	82	3295266	95.47	ng	-0.01
41) 2,4,6-Tribromophenol	16.54	330	1650681	138.54	ng	-0.01
44) 2-Fluorobiphenyl	13.70	172	7405229	86.71	ng	-0.02
78) Terphenyl-d14	20.34	244	10155374	92.26	ng	-0.02

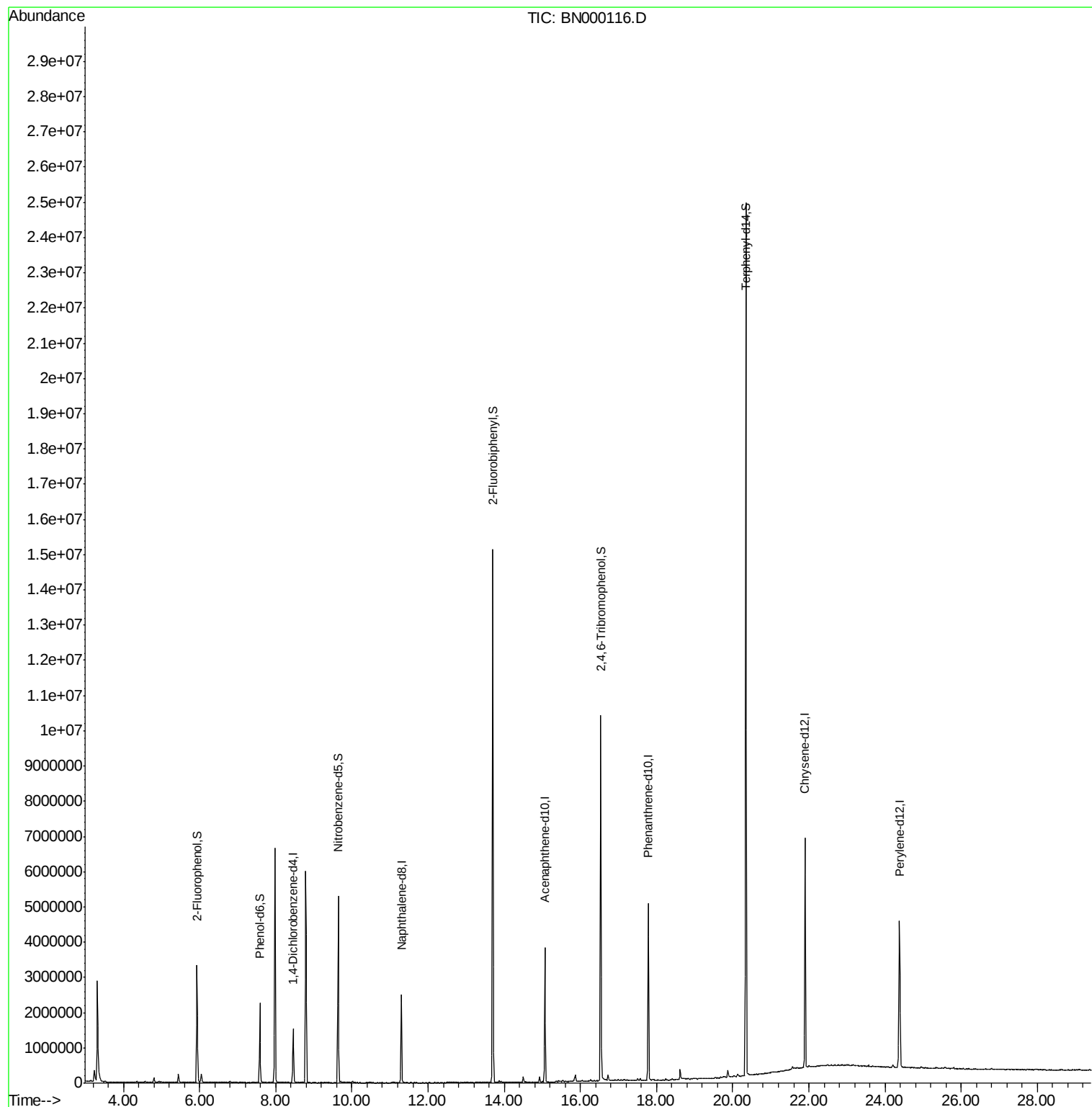
Target Compounds Qvalue

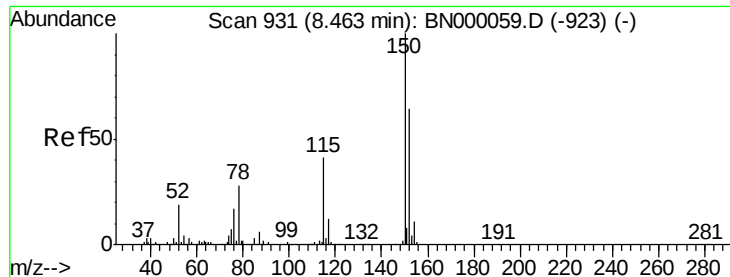
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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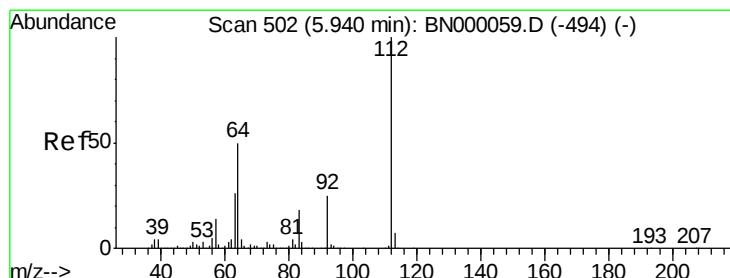
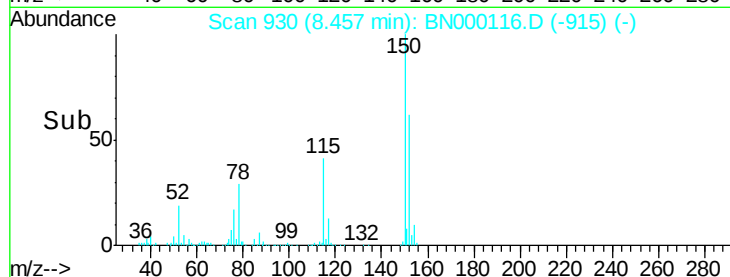
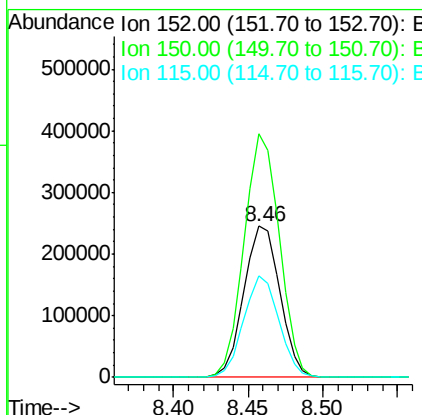
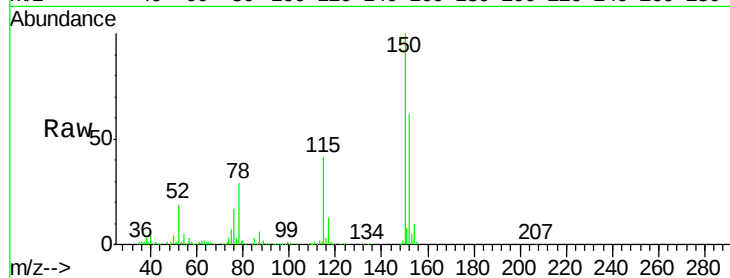


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.46 min Scan# 930
Delta R.T. -0.01 min
Lab File: BN000116.D
Acq: 19 Feb 2018 18:46

Instrument :
BNA_N
ClientSampleId :
MW-4

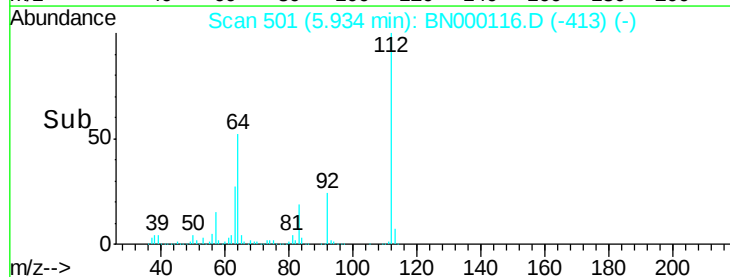
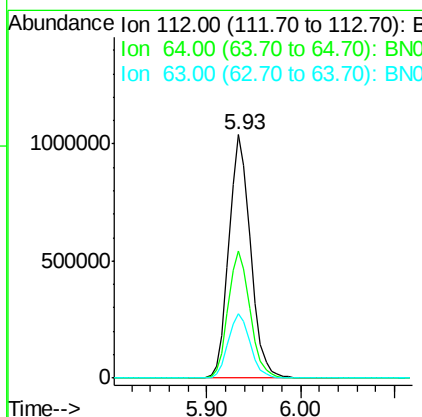
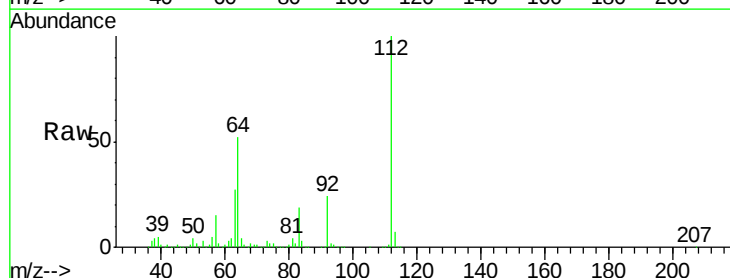
Tot Ion	152	Resp	411106
Ion	Ratio	Lower	Upper
152	100		
150	161.0	126.6	189.8
115	66.7	53.0	79.4

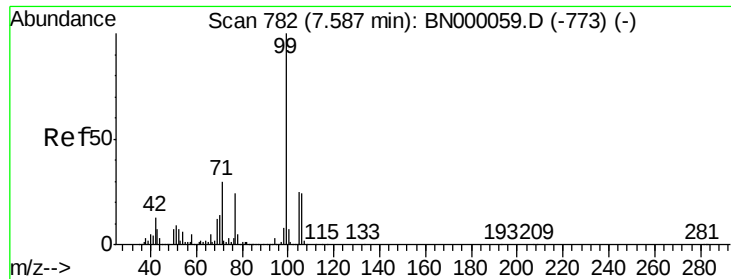


#5

2-Fluorophenol
Concen: 65.784 ng
RT: 5.93 min Scan# 501
Delta R.T. -0.01 min
Lab File: BN000116.D
Acq: 19 Feb 2018 18:46

Tgt Ion	112	Resp	1659389
Ion	Ratio	Lower	Upper
112	100		
64	52.5	56.3	84.5#
63	26.5	30.1	45.1#





#7

Phenol-d6

Concen: 37.772 ng

RT: 7.58 min Scan# 781

Delta R.T. -0.01 min

Lab File: BN000116.D

Acq: 19 Feb 2018 18:46

Instrument :

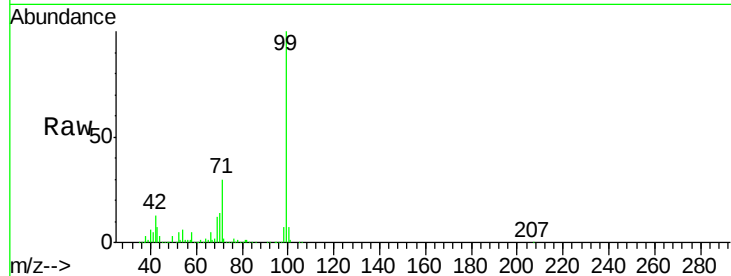
BNA_N

ClientSampleId :

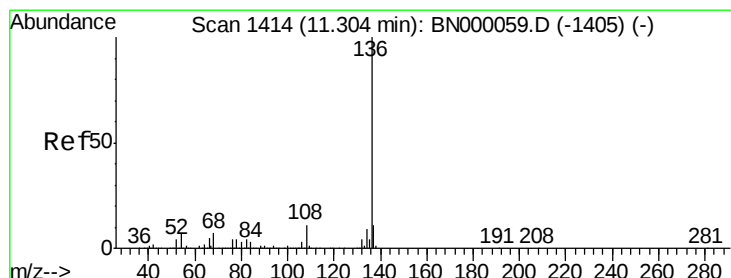
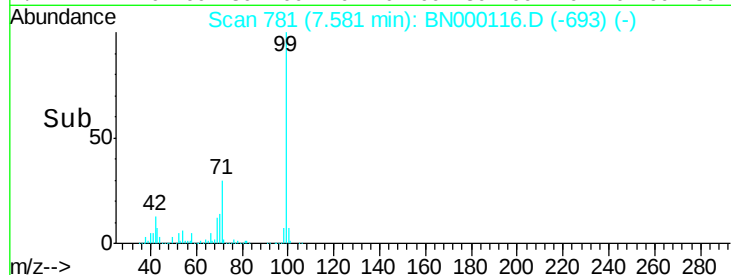
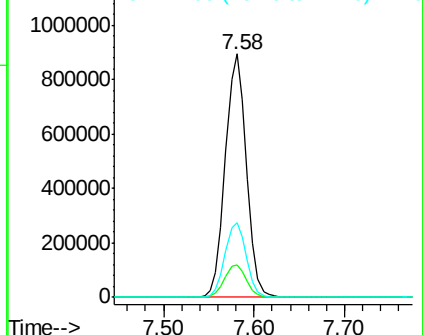
MW-4

Tot Ion: 99 Resp: 1443262

Ion	Ratio	Lower	Upper
99	100		
42	13.3	14.1	21.1#
71	30.4	26.1	39.1



Abundance Ion 99.00 (98.70 to 99.70): BN000116.D (-693) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.30 min Scan# 1413

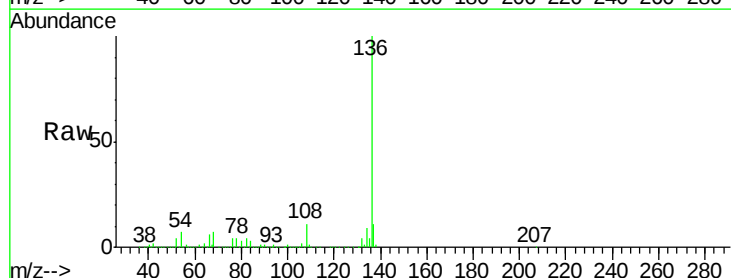
Delta R.T. -0.01 min

Lab File: BN000116.D

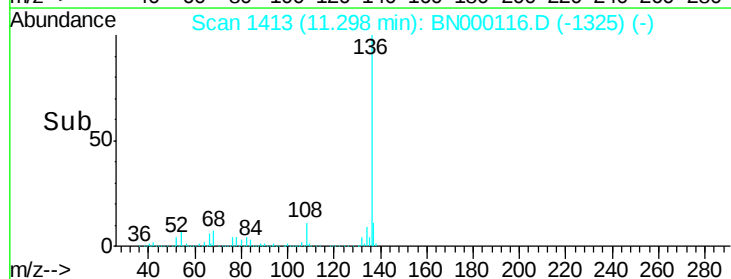
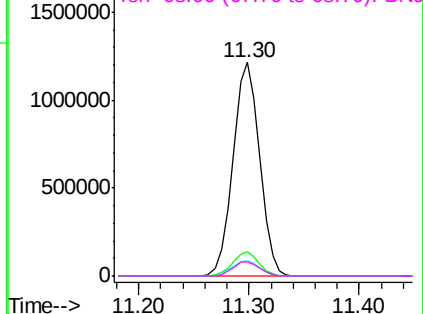
Acq: 19 Feb 2018 18:46

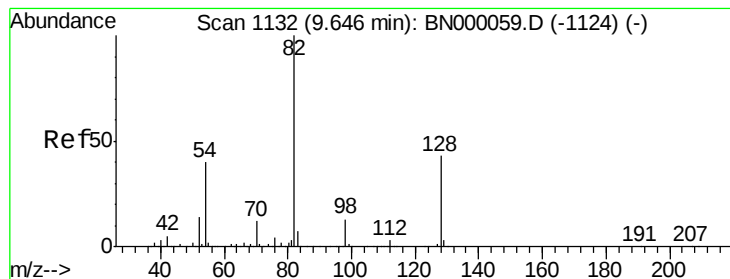
Tgt Ion: 136 Resp: 2052099

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	7.4	10.3	15.5#
68	6.8	4.5	6.7#



Abundance Ion 136.00 (135.70 to 136.70): BN000116.D (-1325) (-)





#23

Nitrobenzene-d5

Concen: 95.474 ng

RT: 9.64 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BN000116.D

Acq: 19 Feb 2018 18:46

Instrument :

BNA_N

ClientSampleId :

MW-4

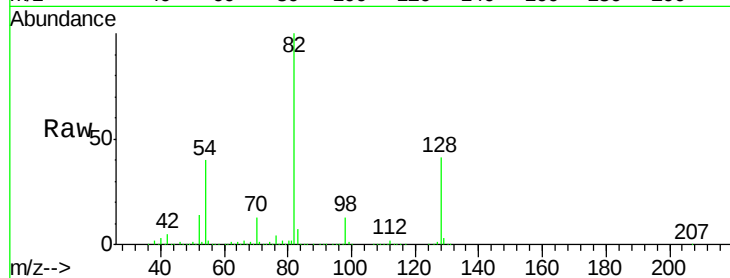
Tot Ion: 82 Resp: 3295266

Ion Ratio Lower Upper

82 100

128 41.4 29.7 44.5

54 40.4 43.1 64.7#

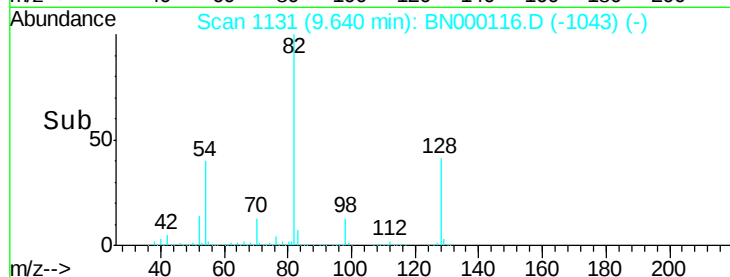


Abundance Ion 82.00 (81.70 to 82.70): BN000059.D (-1124) (-)

Ion 128.00 (127.70 to 128.70): BN000059.D (-1124) (-)

Ion 54.00 (53.70 to 54.70): BN000059.D (-1124) (-)

Time-->

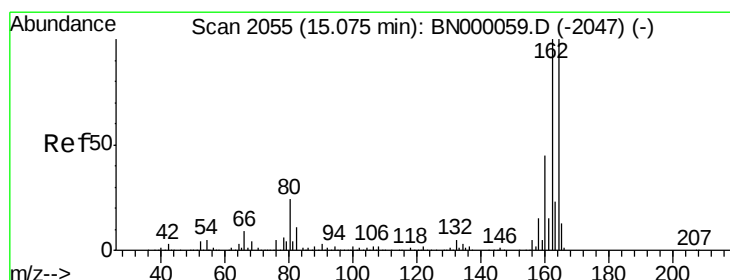


Abundance Ion 82.00 (81.70 to 82.70): BN000116.D (-1043) (-)

Ion 128.00 (127.70 to 128.70): BN000116.D (-1043) (-)

Ion 54.00 (53.70 to 54.70): BN000116.D (-1043) (-)

Time-->



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.07 min Scan# 2054

Delta R.T. -0.01 min

Lab File: BN000116.D

Acq: 19 Feb 2018 18:46

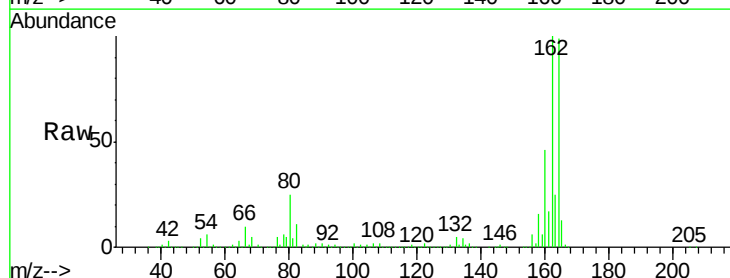
Tgt Ion:164 Resp: 1203689

Ion Ratio Lower Upper

164 100

162 101.3 78.8 118.2

160 46.7 35.4 53.0

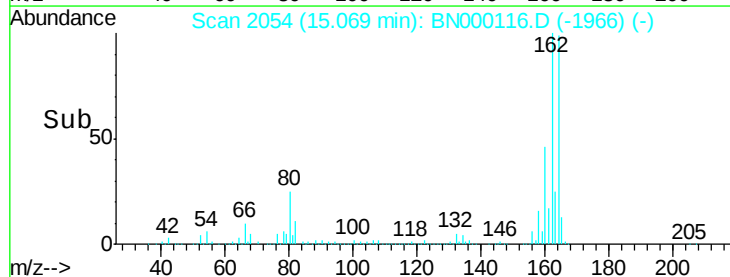


Abundance Ion 164.00 (163.70 to 164.70): BN000059.D (-2047) (-)

Ion 162.00 (161.70 to 162.70): BN000059.D (-2047) (-)

Ion 160.00 (159.70 to 160.70): BN000059.D (-2047) (-)

Time-->

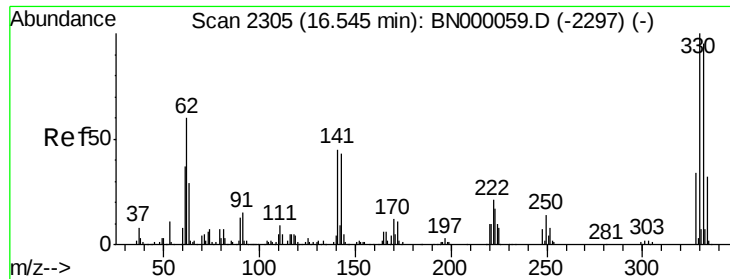


Abundance Ion 164.00 (163.70 to 164.70): BN000116.D (-1966) (-)

Ion 162.00 (161.70 to 162.70): BN000116.D (-1966) (-)

Ion 160.00 (159.70 to 160.70): BN000116.D (-1966) (-)

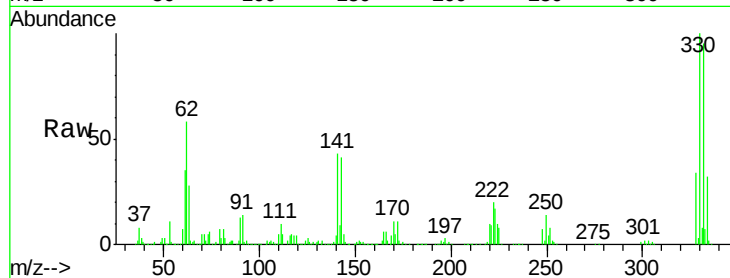
Time-->



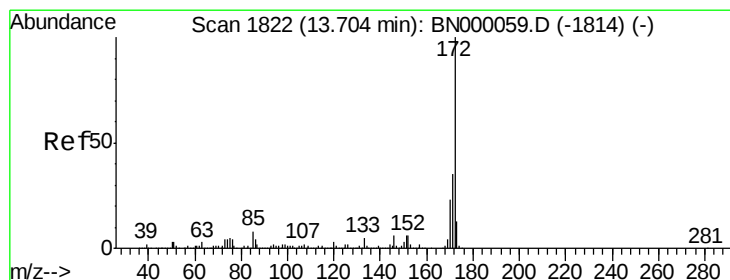
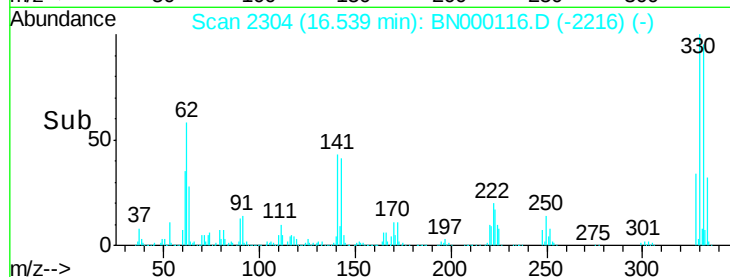
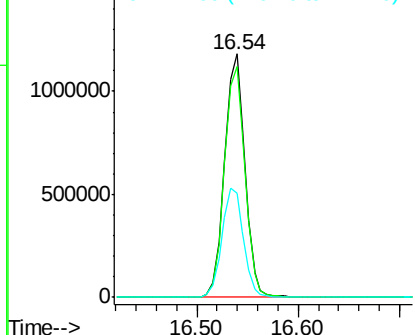
#41
 2,4,6-Tribromophenol
 Concen: 138.542 ng
 RT: 16.54 min Scan# 2304
 Delta R.T. -0.01 min
 Lab File: BN000116.D
 Acq: 19 Feb 2018 18:46

Instrument :
 BNA_N
 ClientSampled :
 MW-4

Tot Ion:330 Resp: 1650681
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 47.7 25.2 37.8#

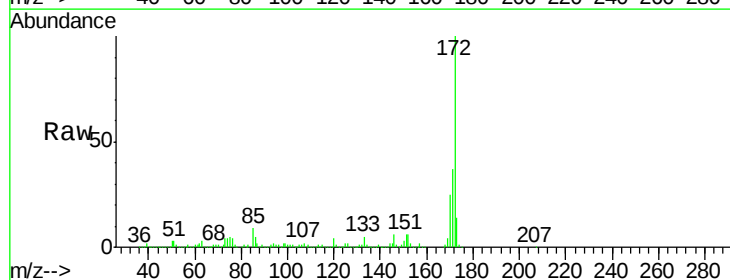


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

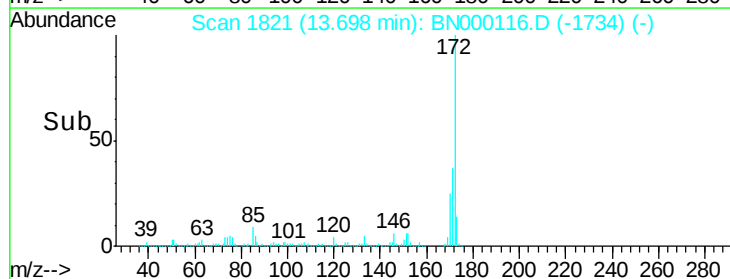
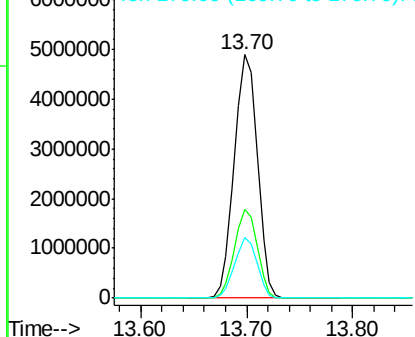


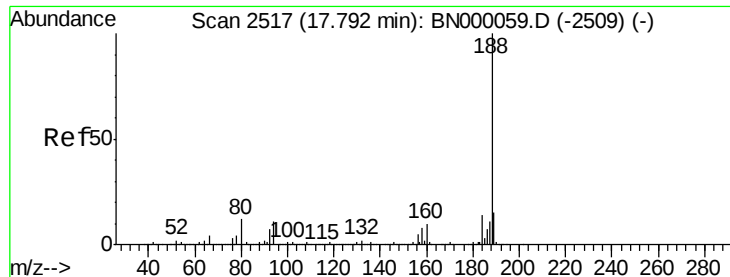
#44
 2-Fluorobiphenyl
 Concen: 86.709 ng
 RT: 13.70 min Scan# 1821
 Delta R.T. -0.02 min
 Lab File: BN000116.D
 Acq: 19 Feb 2018 18:46

Tgt Ion:172 Resp: 7405229
 Ion Ratio Lower Upper
 172 100
 171 36.7 30.0 45.0
 170 24.7 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

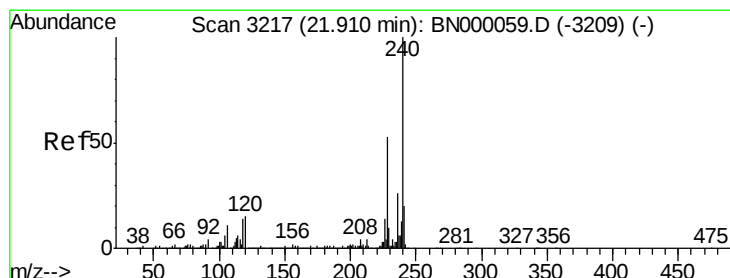
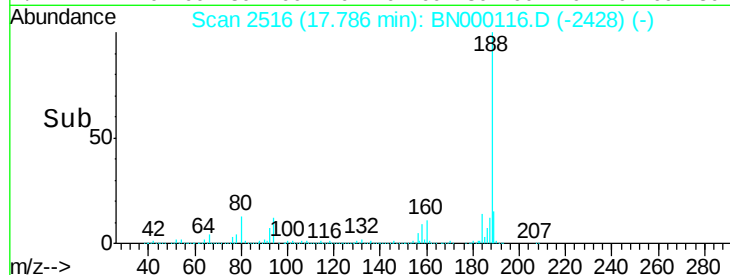
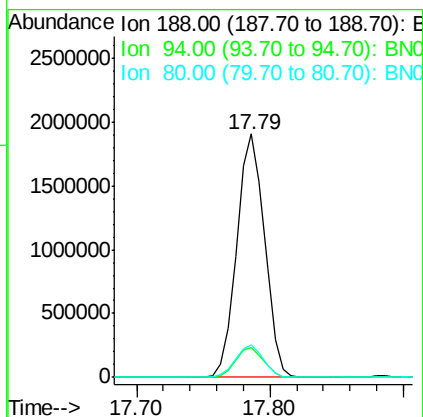
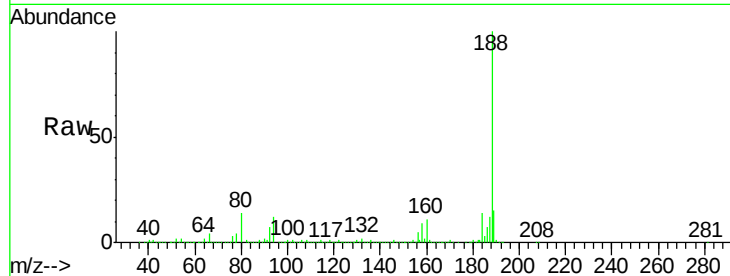




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.79 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BN000116.D
Acq: 19 Feb 2018 18:46

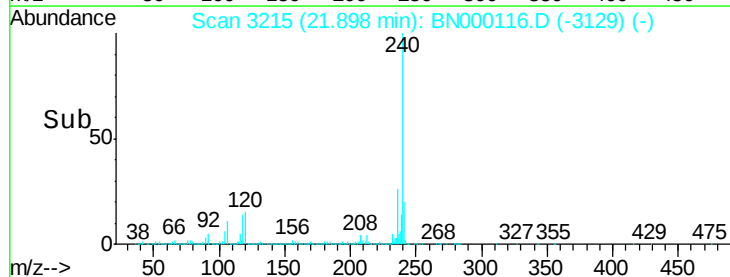
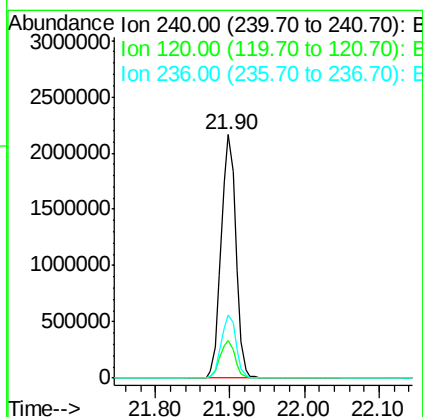
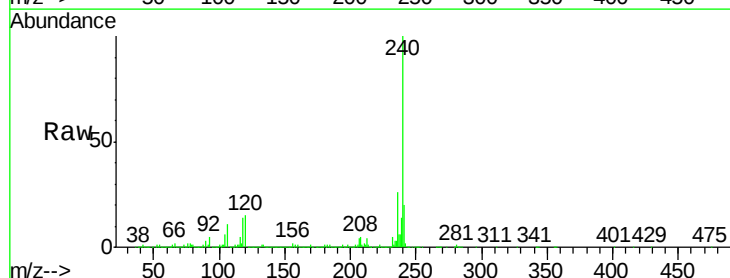
Instrument :
BNA_N
ClientSampleId :
MW-4

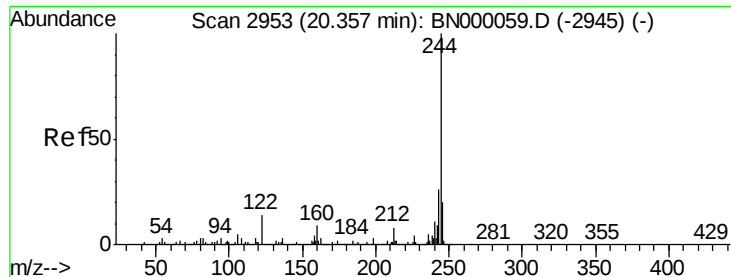
Tot Ion:188 Resp: 2754709
Ion Ratio Lower Upper
188 100
94 12.3 6.9 10.3#
80 13.5 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.90 min Scan# 3215
Delta R.T. -0.02 min
Lab File: BN000116.D
Acq: 19 Feb 2018 18:46

Tgt Ion:240 Resp: 2972266
Ion Ratio Lower Upper
240 100
120 15.3 6.8 10.2#
236 26.0 20.9 31.3





#78

Terphenyl-d14

Concen: 92.256 ng

RT: 20.34 min Scan# 2951

Delta R.T. -0.02 min

Lab File: BN000116.D

Acq: 19 Feb 2018 18:46

Instrument :

BNA_N

ClientSampleId :

MW-4

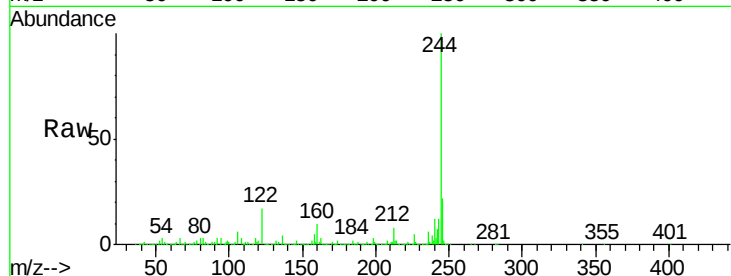
Tot Ion:244 Resp:10155374

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.8

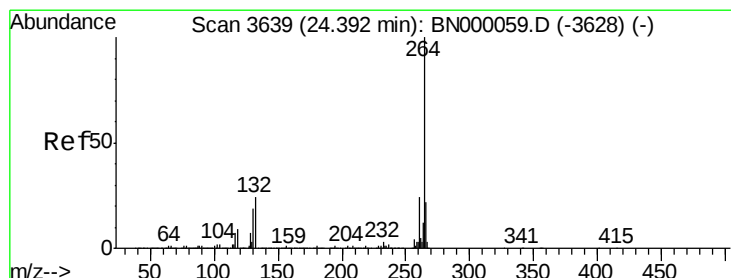
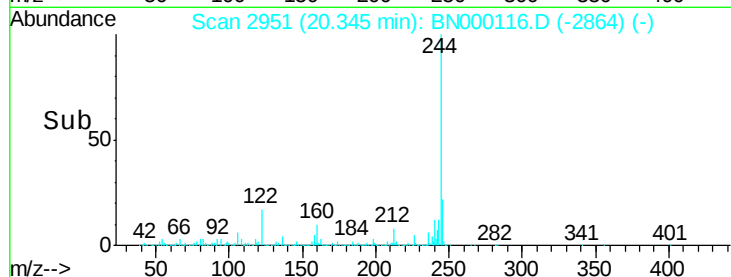
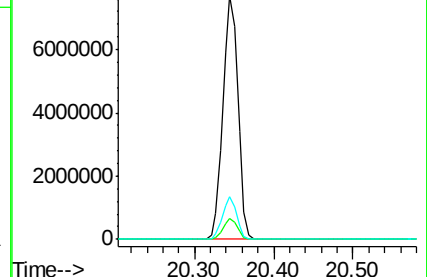
122 17.3 7.0 10.4#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.38 min Scan# 3637

Delta R.T. -0.04 min

Lab File: BN000116.D

Acq: 19 Feb 2018 18:46

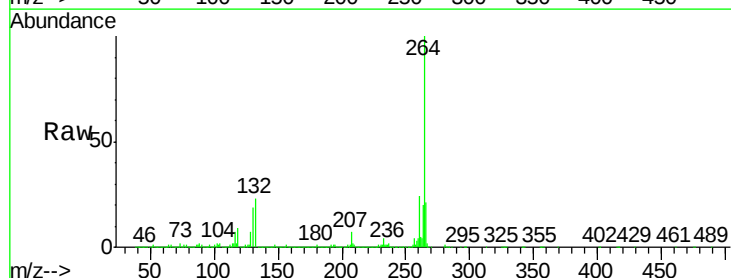
Tgt Ion:264 Resp: 2860894

Ion Ratio Lower Upper

264 100

260 24.4 17.4 26.0

265 21.5 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

