

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081417\
 Data File : BM011228.D
 Acq On : 14 Aug 2017 14:00
 Operator : SJ/JU
 Sample : I4700-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 NB-01-080917-A

Quant Time: Aug 14 16:09:39 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 14 16:03:18 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	122760	20.00	ng	0.00
21) Naphthalene-d8	10.05	136	423147	20.00	ng	0.00
38) Acenaphthene-d10	13.96	164	279488	20.00	ng	0.00
63) Phenanthrene-d10	16.72	188	665078	20.00	ng	0.00
75) Chrysene-d12	20.94	240	775853	20.00	ng	0.00
86) Perylene-d12	23.02	264	762894	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.93	112	1047946	144.31	ng	0.00
7) Phenol-d6	6.50	99	1307470	126.72	ng	0.00
23) Nitrobenzene-d5	8.44	82	1394563	123.69	ng	0.00
41) 2,4,6-Tribromophenol	15.47	330	588514	131.38	ng	0.00
44) 2-Fluorobiphenyl	12.56	172	2269791	101.85	ng	0.00
78) Terphenyl-d14	19.39	244	3448627	88.05	ng	0.00

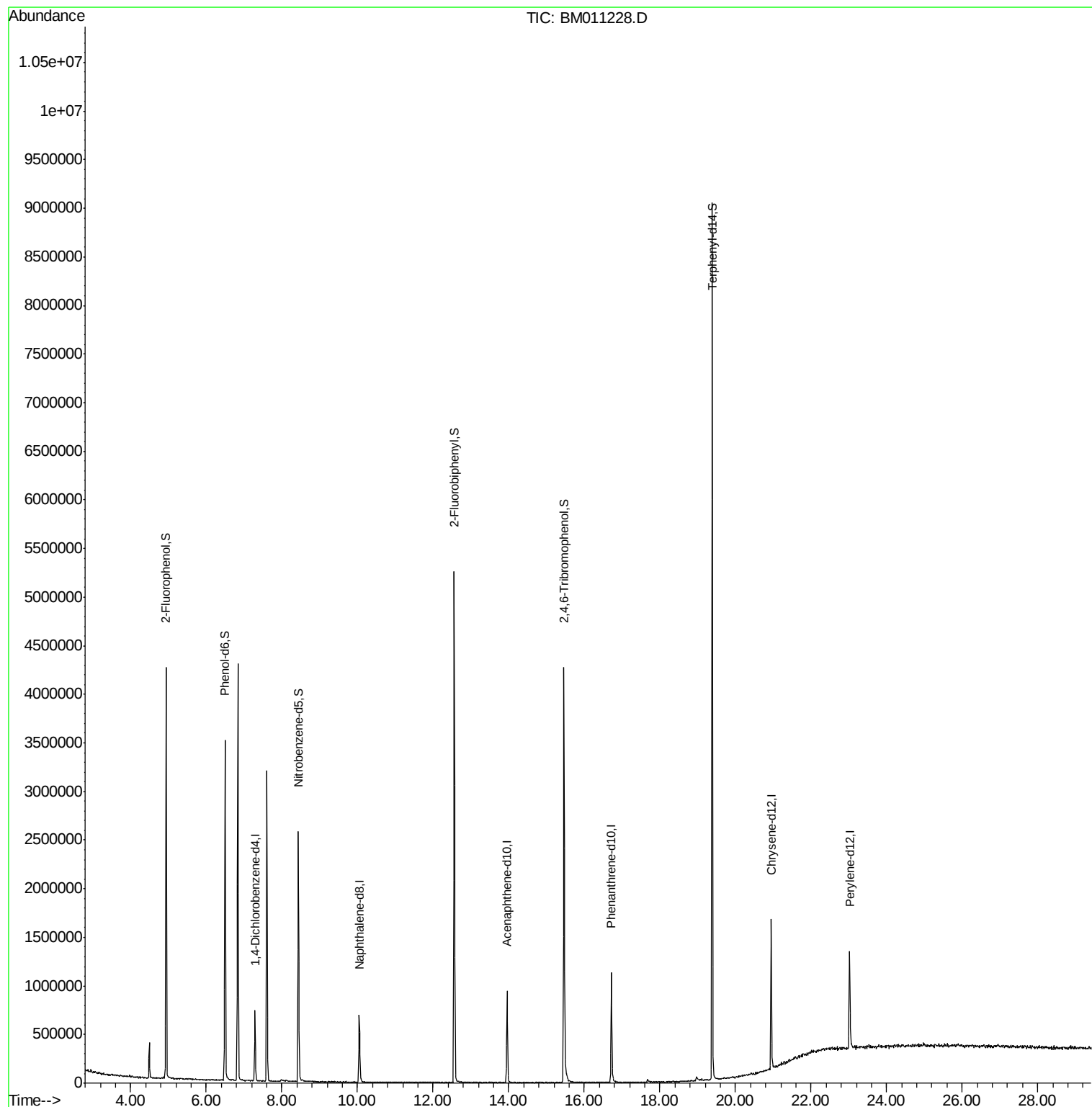
Target Compounds	Qvalue
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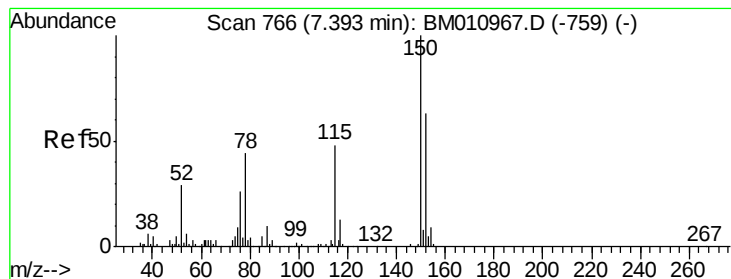
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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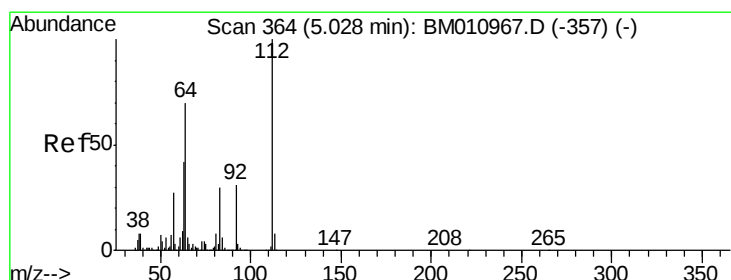
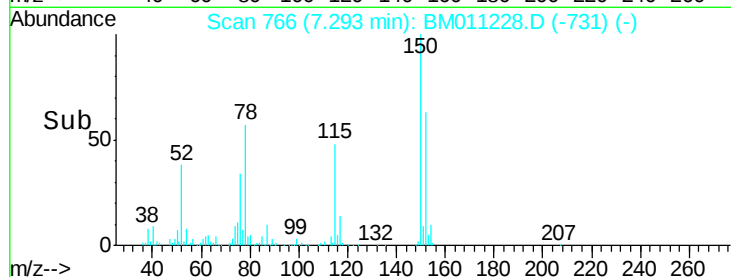
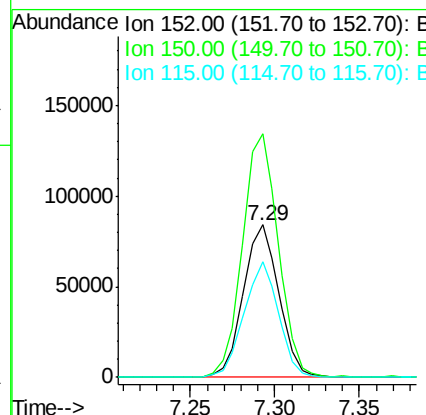
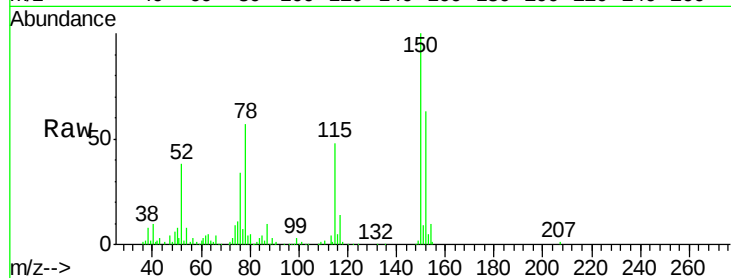




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.29 min Scan# 766
 Delta R.T. 0.01 min
 Lab File: BM011228.D
 Acq: 14 Aug 2017 14:00

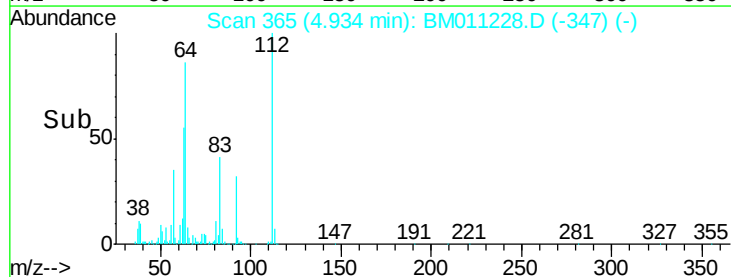
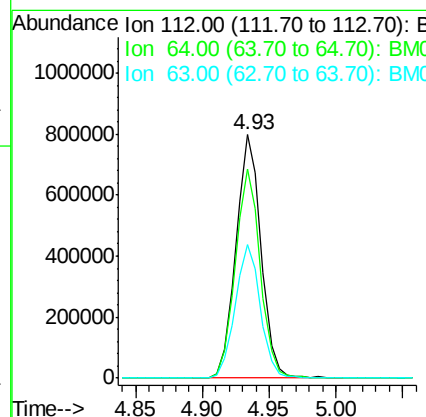
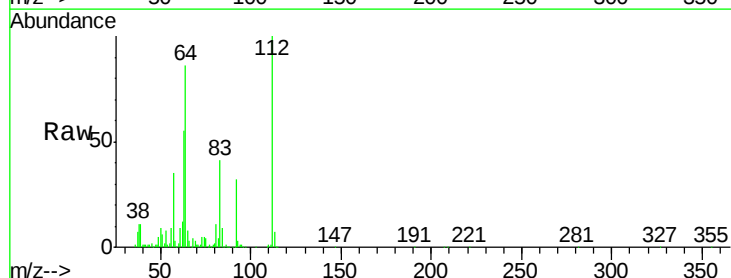
Instrument :
 BNA_M
 ClientSampleId :
 NB-01-080917-A

Tgt Ion:152 Resp: 122760
 Ion Ratio Lower Upper
 152 100
 150 159.9 119.5 179.3
 115 76.2 43.0 64.4#



#5
 2-Fluorophenol
 Concen: 144.305 ng
 RT: 4.93 min Scan# 365
 Delta R.T. 0.01 min
 Lab File: BM011228.D
 Acq: 14 Aug 2017 14:00

Tgt Ion:112 Resp: 1047946
 Ion Ratio Lower Upper
 112 100
 64 85.7 38.6 57.8#
 63 54.9 19.3 28.9#





#7

Phenol-d6

Concen: 126.717 ng

RT: 6.50 min Scan# 631

Delta R.T. 0.01 min

Lab File: BM011228.D

Acq: 14 Aug 2017 14:00

Instrument :

BNA_M

ClientSampleId :

NB-01-080917-A

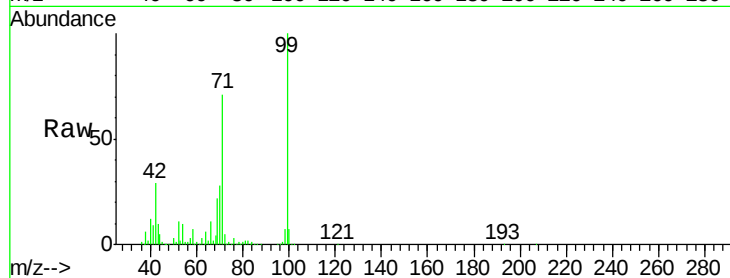
Tgt Ion: 99 Resp: 1307470

Ion Ratio Lower Upper

99 100

42 28.5 11.0 16.4#

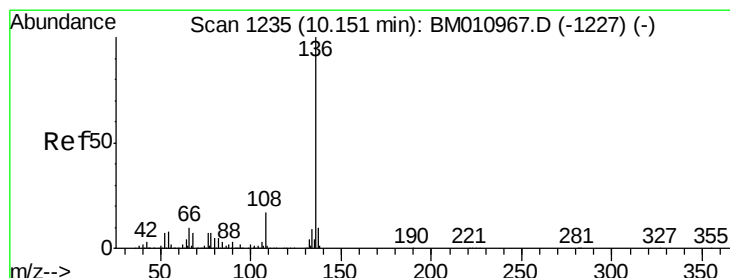
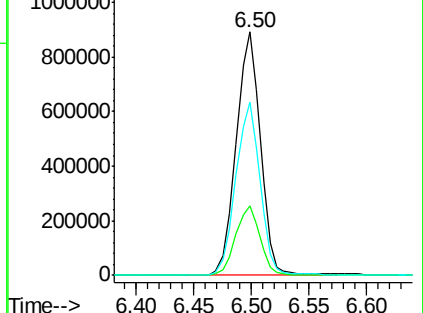
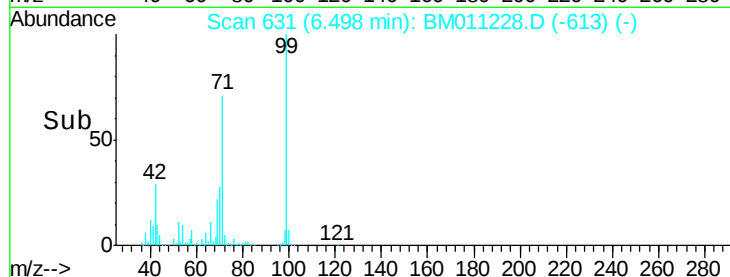
71 71.1 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011228.D (-613) (-)

Ion 42.00 (41.70 to 42.70): BM011228.D (-613) (-)

Ion 71.00 (70.70 to 71.70): BM011228.D (-613) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.05 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BM011228.D

Acq: 14 Aug 2017 14:00

Tgt Ion: 136 Resp: 423147

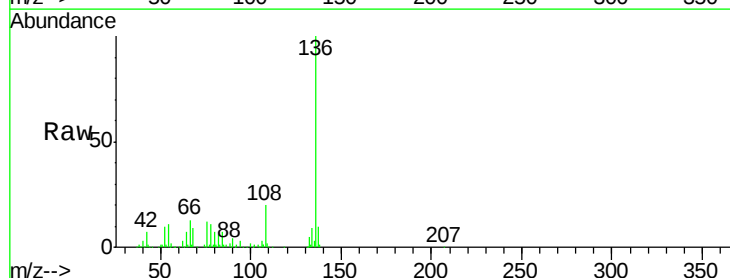
Ion Ratio Lower Upper

136 100

137 10.0 8.7 13.1

54 11.1 4.6 6.8#

68 9.1 3.7 5.5#

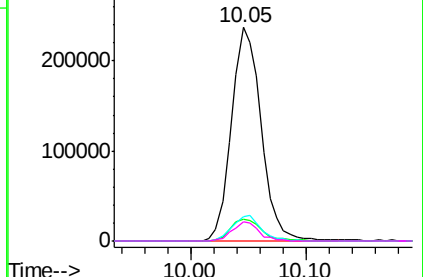
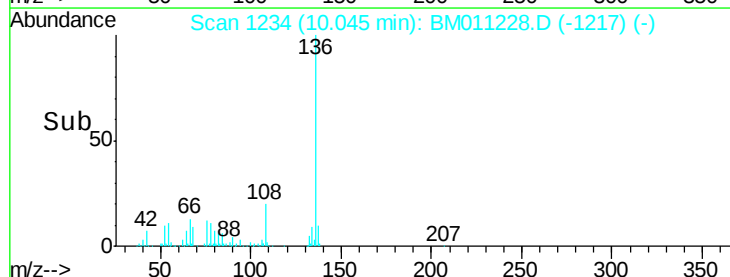


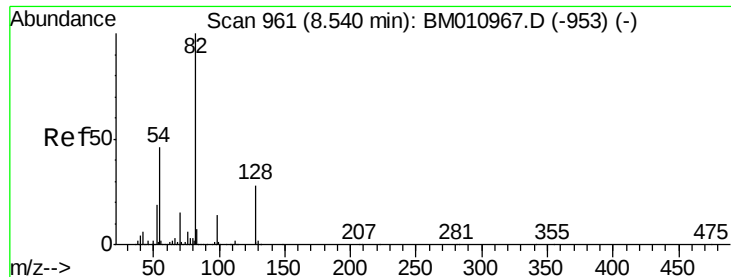
Abundance Ion 136.00 (135.70 to 136.70): BM011228.D (-1217) (-)

Ion 137.00 (136.70 to 137.70): BM011228.D (-1217) (-)

Ion 54.00 (53.70 to 54.70): BM011228.D (-1217) (-)

Ion 68.00 (67.70 to 68.70): BM011228.D (-1217) (-)

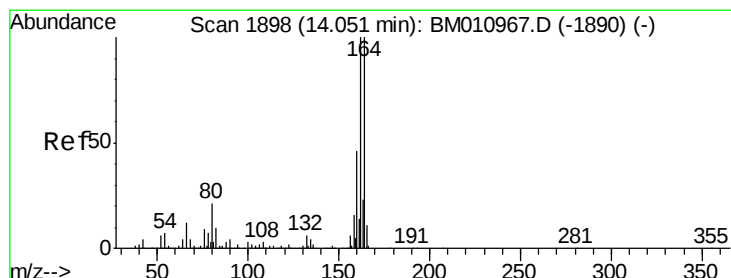
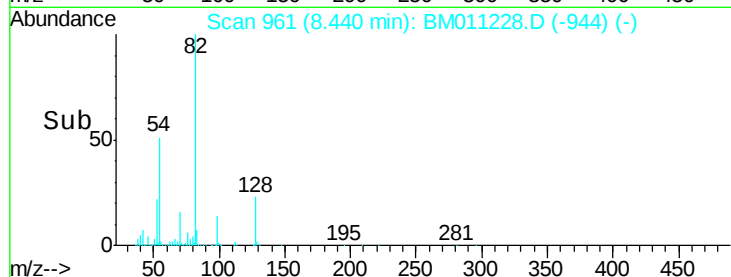
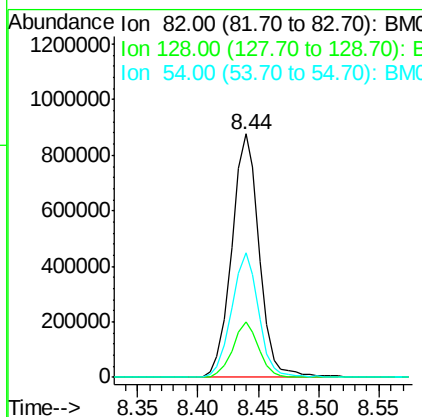
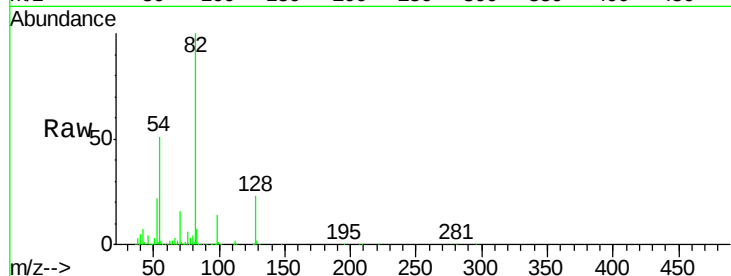




#23
 Nitrobenzene-d5
 Concen: 123.693 ng
 RT: 8.44 min Scan# 961
 Delta R.T. 0.00 min
 Lab File: BM011228.D
 Acq: 14 Aug 2017 14:00

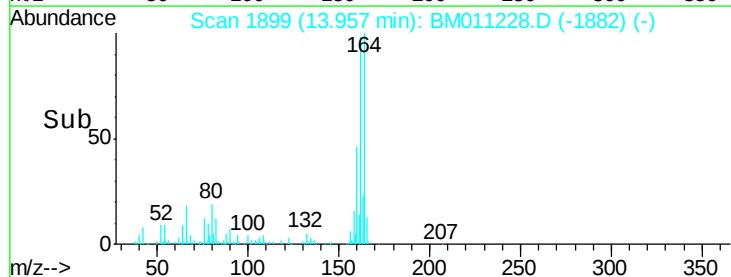
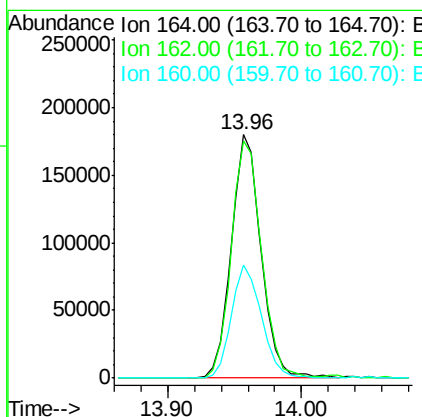
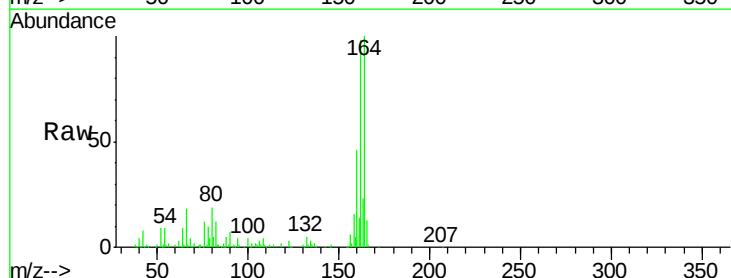
Instrument :
 BNA_M
 ClientSampleId :
 NB-01-080917-A

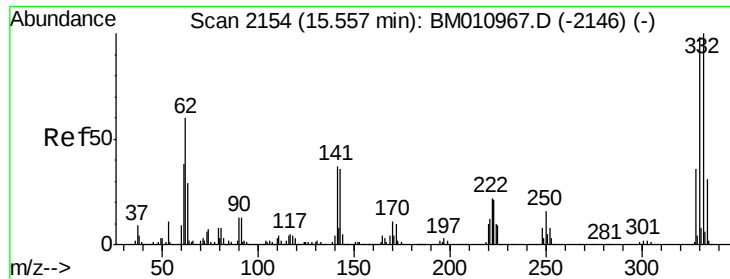
Tgt Ion: 82 Resp: 1394563
 Ion Ratio Lower Upper
 82 100
 128 22.6 32.8 49.2#
 54 51.0 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.96 min Scan# 1899
 Delta R.T. 0.00 min
 Lab File: BM011228.D
 Acq: 14 Aug 2017 14:00

Tgt Ion: 164 Resp: 279488
 Ion Ratio Lower Upper
 164 100
 162 97.7 82.4 123.6
 160 46.2 35.8 53.6

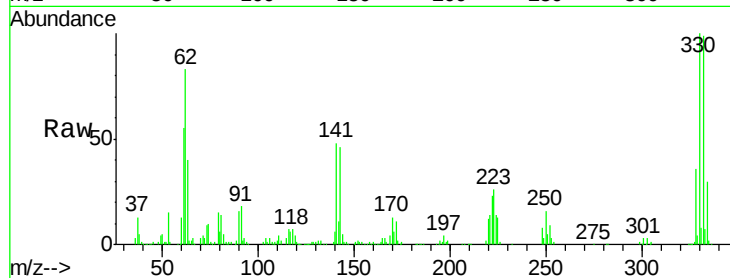




#41
 2,4,6-Tribromophenol
 Concen: 131.376 ng
 RT: 15.47 min Scan# 2156
 Delta R.T. 0.01 min
 Lab File: BM011228.D
 Acq: 14 Aug 2017 14:00

Instrument :
 BNA_M
 ClientSampleId :
 NB-01-080917-A

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	0.0	0.0#
141	50.4	0.0	0.0#

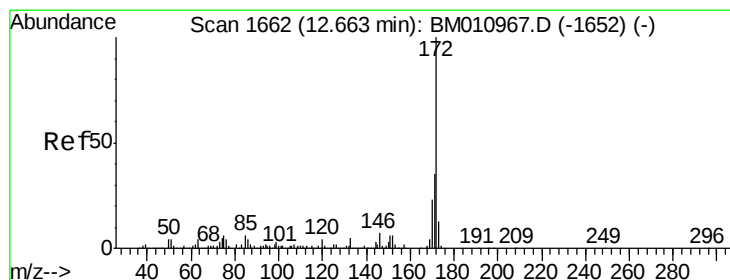
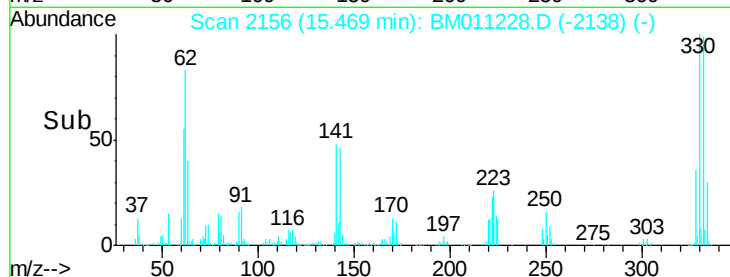
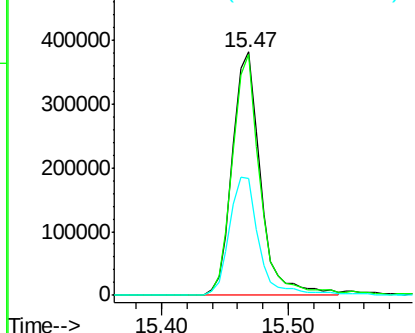


Abundance

Ion 329.80 (329.50 to 330.50): E

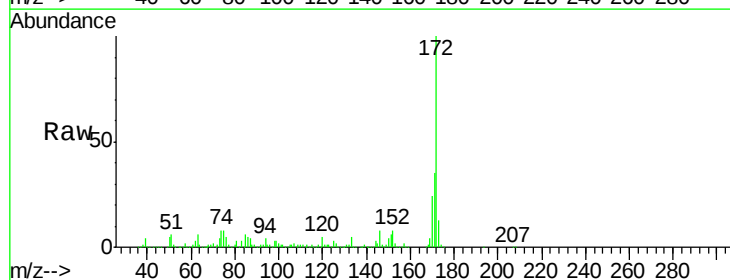
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 101.851 ng
 RT: 12.56 min Scan# 1662
 Delta R.T. 0.00 min
 Lab File: BM011228.D
 Acq: 14 Aug 2017 14:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.5	42.7
170	23.7	18.8	28.2

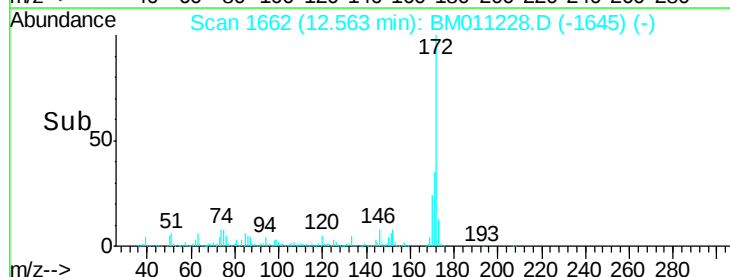
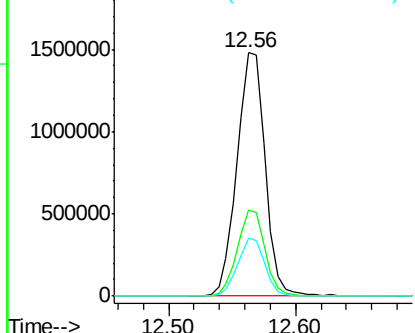


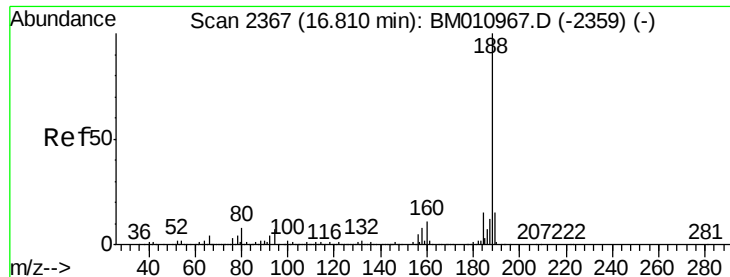
Abundance

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

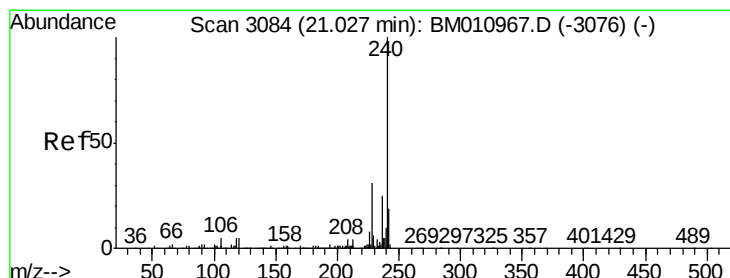
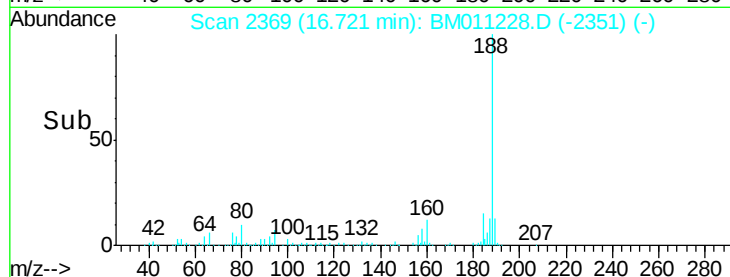
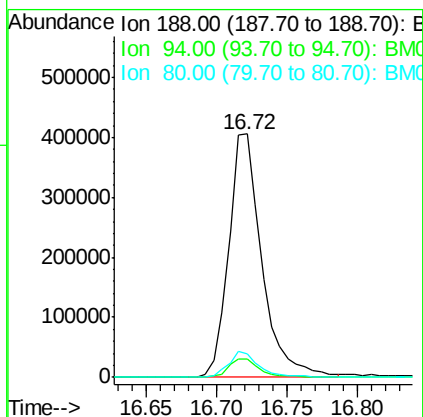
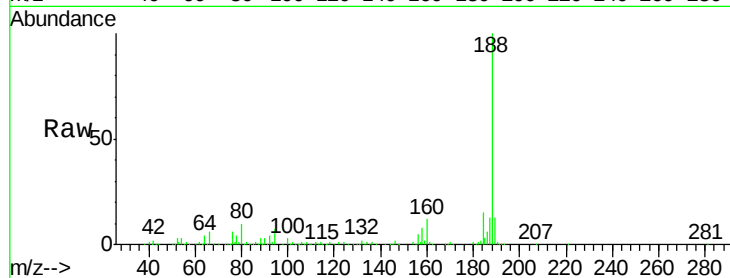




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.72 min Scan# 2369
Delta R.T. 0.01 min
Lab File: BM011228.D
Acq: 14 Aug 2017 14:00

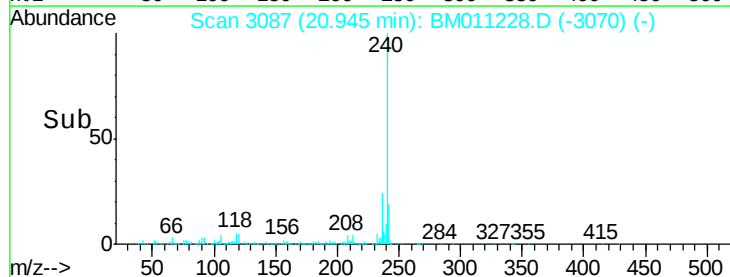
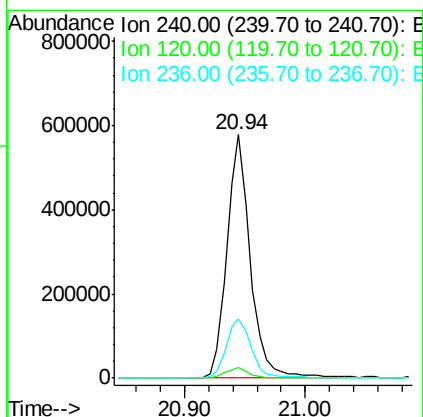
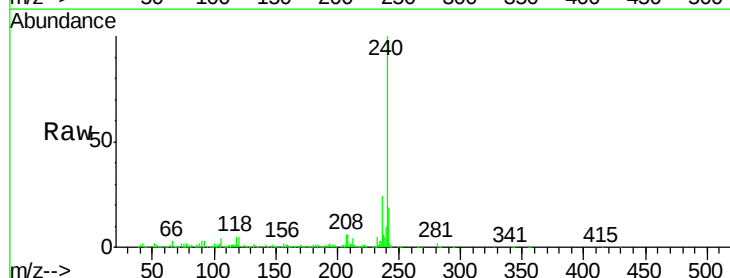
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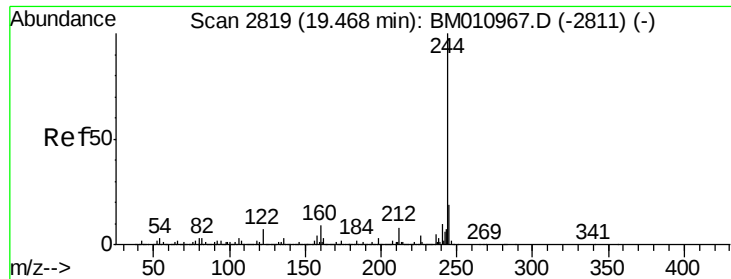
Tgt Ion:188 Resp: 665078
Ion Ratio Lower Upper
188 100
94 7.3 8.7 13.1#
80 9.6 9.3 13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.94 min Scan# 3087
Delta R.T. 0.00 min
Lab File: BM011228.D
Acq: 14 Aug 2017 14:00

Tgt Ion:240 Resp: 775853
Ion Ratio Lower Upper
240 100
120 4.6 8.2 12.2#
236 24.1 20.0 30.0





#78

Terphenyl-d14

Concen: 88.049 ng

RT: 19.39 min Scan# 2822

Delta R.T. 0.00 min

Lab File: BM011228.D

Acq: 14 Aug 2017 14:00

Instrument :

BNA_M

ClientSampleId :

NB-01-080917-A

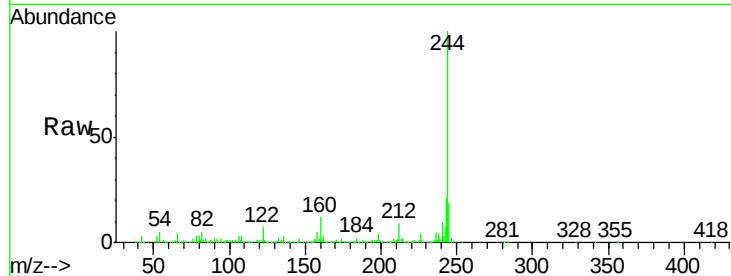
Tgt Ion:244 Resp: 3448627

Ion Ratio Lower Upper

244 100

212 8.6 4.9 7.3#

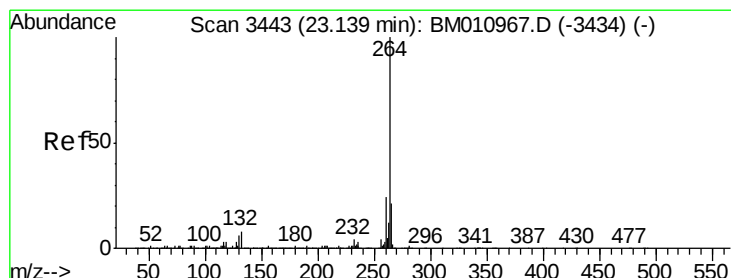
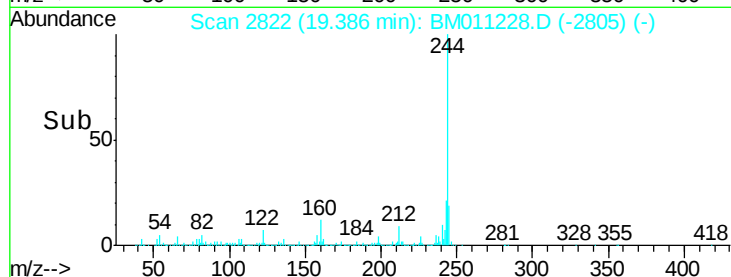
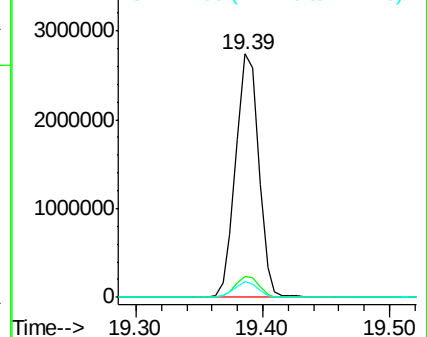
122 6.7 6.2 9.4



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: 23.02 min Scan# 3440

Delta R.T. 0.00 min

Lab File: BM011228.D

Acq: 14 Aug 2017 14:00

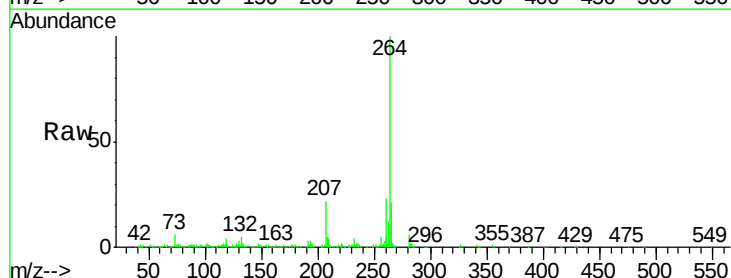
Tgt Ion:264 Resp: 762894

Ion Ratio Lower Upper

264 100

260 23.0 18.6 27.8

265 20.8 17.3 25.9



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

