

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081717\
 Data File : BM011276.D
 Acq On : 17 Aug 2017 20:55
 Operator : SJ/JU
 Sample : I4815-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TR-05-081517-B

Quant Time: Aug 18 05:23:03 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 16 02:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	89433	20.00	ng	-0.01
21) Naphthalene-d8	10.03	136	298222	20.00	ng	-0.02
38) Acenaphthene-d10	13.95	164	194050	20.00	ng	-0.01
63) Phenanthrene-d10	16.70	188	505202	20.00	ng	-0.01
75) Chrysene-d12	20.93	240	727479	20.00	ng	-0.02
86) Perylene-d12	23.00	264	711040	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.92	112	725260	137.09	ng	-0.01
7) Phenol-d6	6.48	99	921407	122.58	ng	-0.01
23) Nitrobenzene-d5	8.42	82	1021493	128.56	ng	-0.02
41) 2,4,6-Tribromophenol	15.45	330	420944	135.34	ng	-0.02
44) 2-Fluorobiphenyl	12.55	172	1494993	96.62	ng	-0.01
78) Terphenyl-d14	19.37	244	2937426	79.98	ng	-0.01

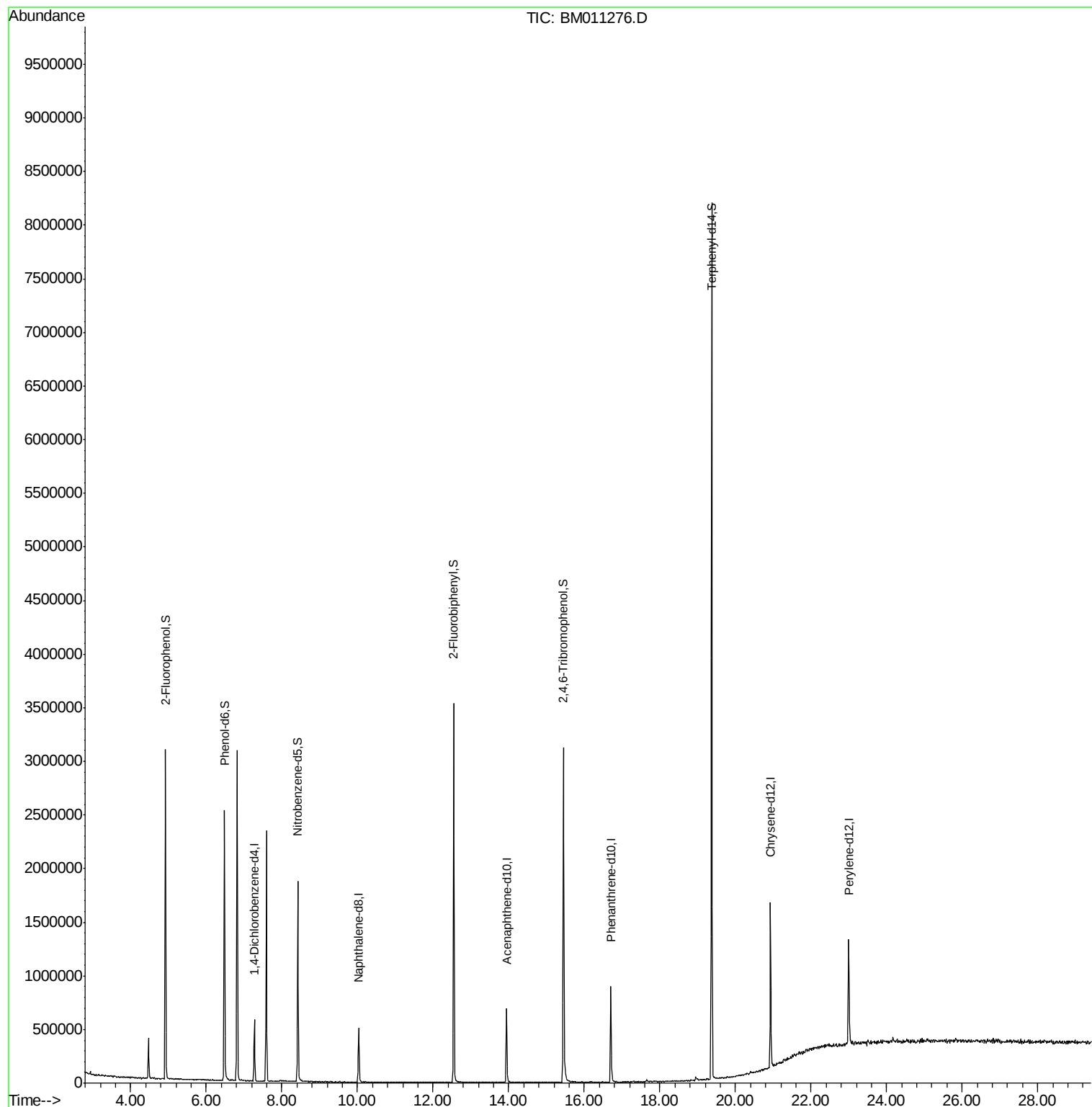
Target Compounds Qvalue

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

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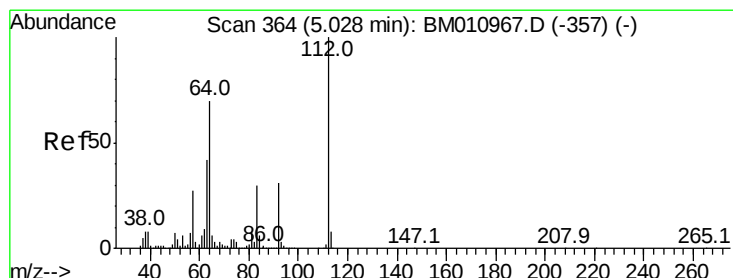
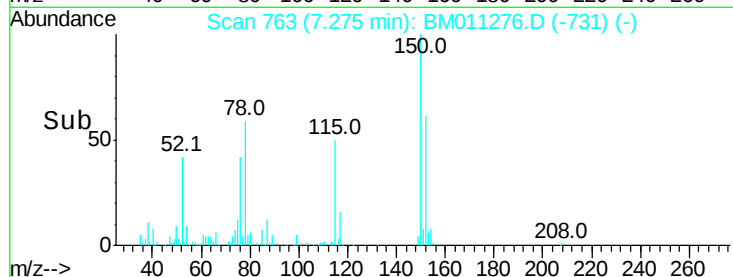
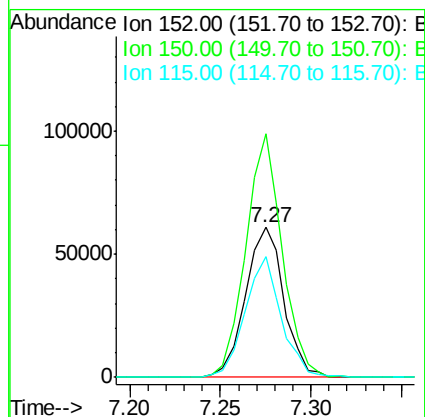
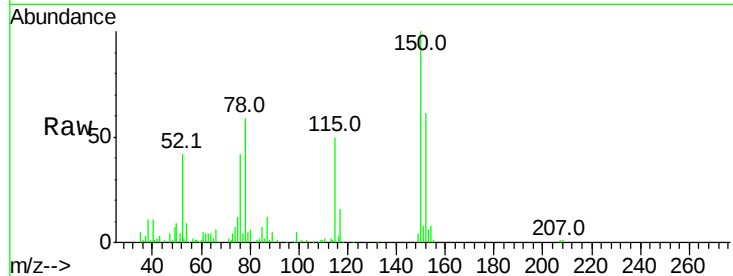


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.27 min Scan# 763
Delta R.T. -0.01 min
Lab File: BM011276.D
Acq: 17 Aug 2017 20:55

Instrument :
BNA_M
ClientSampleId :
TR-05-081517-B

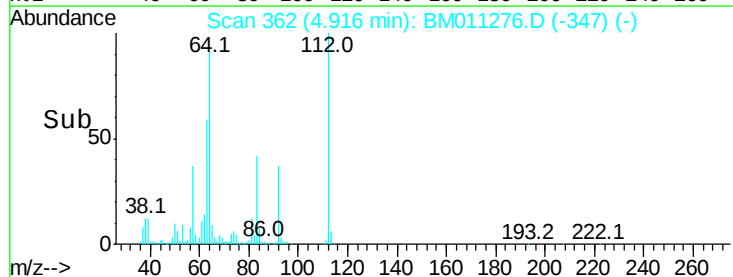
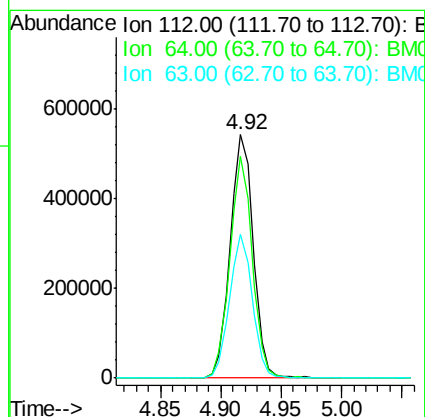
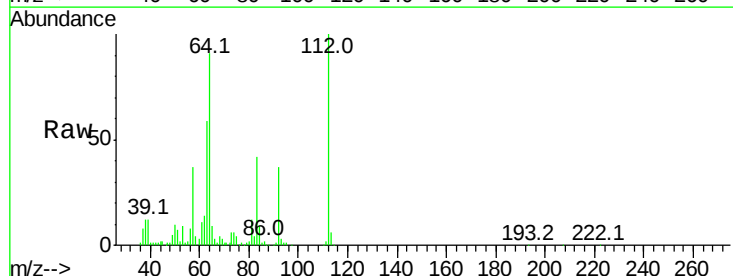
Tot Ion:152 Resp: 89433
Ion Ratio Lower Upper
152 100
150 162.7 119.5 179.3
115 81.0 43.0 64.4#

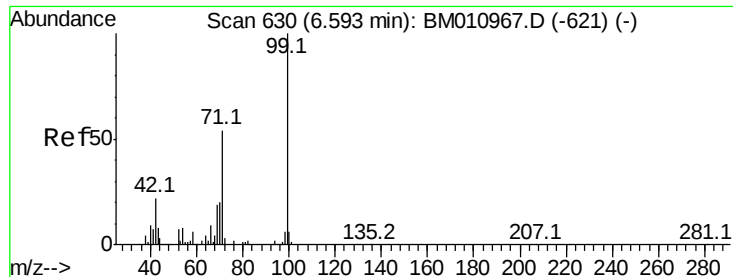


#5

2-Fluorophenol
Concen: 137.087 ng
RT: 4.92 min Scan# 362
Delta R.T. -0.01 min
Lab File: BM011276.D
Acq: 17 Aug 2017 20:55

Tgt Ion:112 Resp: 725260
Ion Ratio Lower Upper
112 100
64 91.2 38.6 57.8#
63 59.0 19.3 28.9#





#7

Phenol-d6

Concen: 122.579 ng

RT: 6.48 min Scan# 628

Delta R.T. -0.01 min

Lab File: BM011276.D

Acq: 17 Aug 2017 20:55

Instrument :

BNA_M

ClientSampleId :

TR-05-081517-B

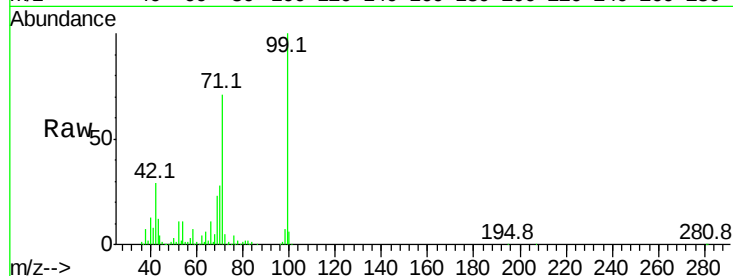
Tot Ion: 99 Resp: 921407

Ion Ratio Lower Upper

99 100

42 29.4 11.0 16.4#

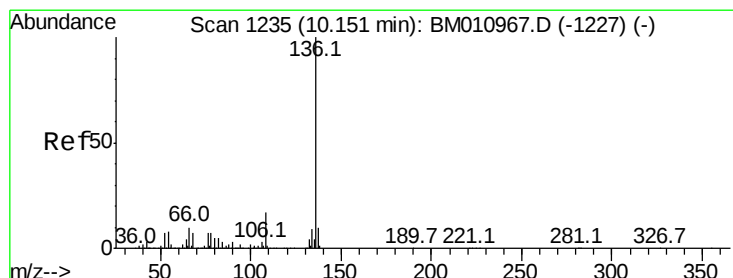
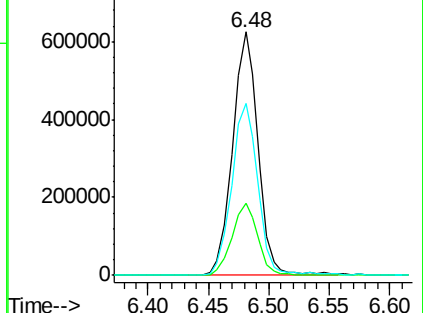
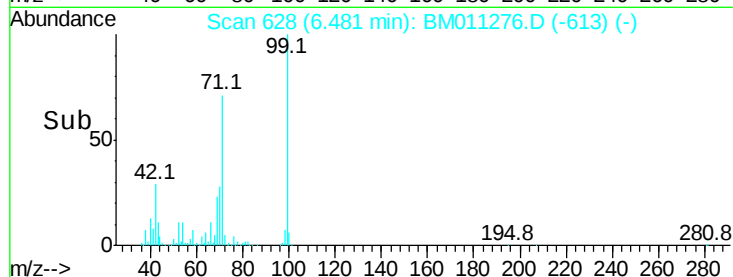
71 70.9 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011276.D (-613) (-)

Ion 42.00 (41.70 to 42.70): BM011276.D (-613) (-)

Ion 71.00 (70.70 to 71.70): BM011276.D (-613) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.03 min Scan# 1231

Delta R.T. -0.02 min

Lab File: BM011276.D

Acq: 17 Aug 2017 20:55

Tgt Ion: 136 Resp: 298222

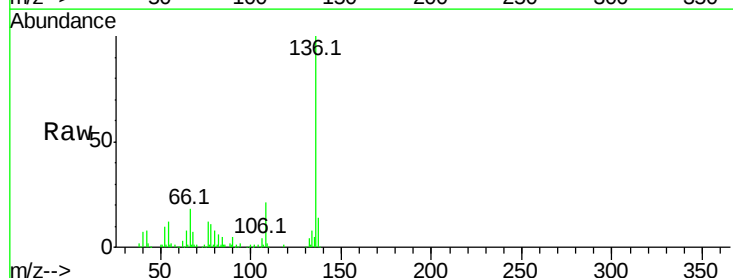
Ion Ratio Lower Upper

136 100

137 13.5 8.7 13.1#

54 12.3 4.6 6.8#

68 7.5 3.7 5.5#

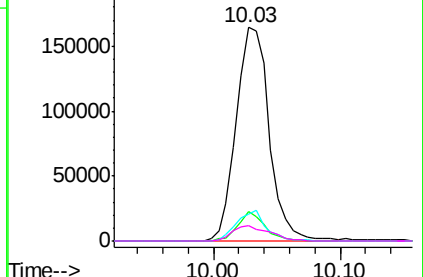
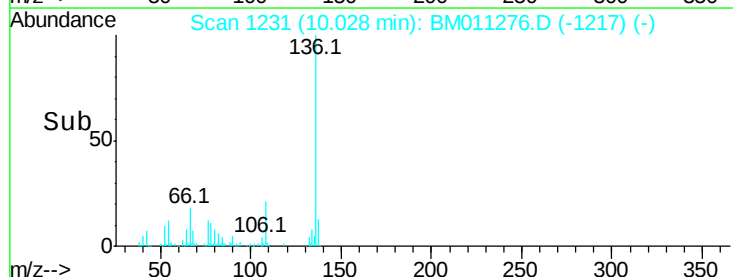


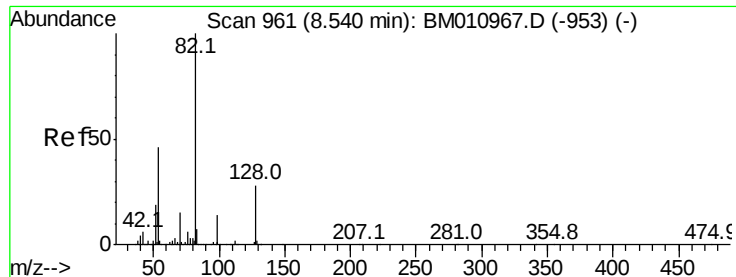
Abundance Ion 136.00 (135.70 to 136.70): BM011276.D (-1217) (-)

Ion 137.00 (136.70 to 137.70): BM011276.D (-1217) (-)

Ion 54.00 (53.70 to 54.70): BM011276.D (-1217) (-)

Ion 68.00 (67.70 to 68.70): BM011276.D (-1217) (-)

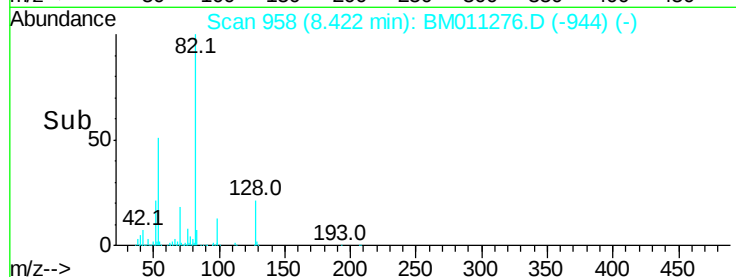
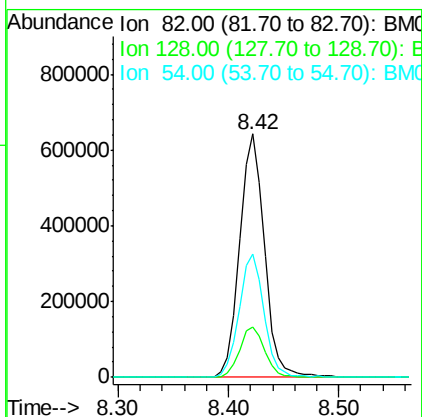
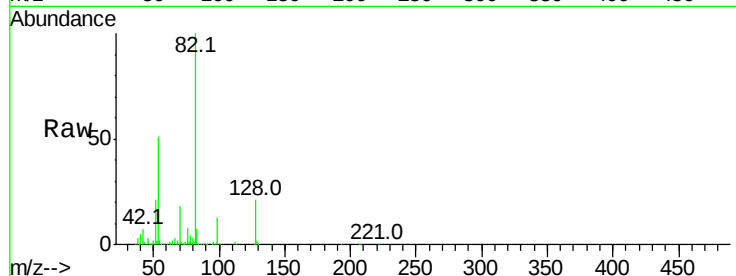




#23
 Nitrobenzene-d5
 Concen: 128.556 ng
 RT: 8.42 min Scan# 958
 Delta R.T. -0.02 min
 Lab File: BM011276.D
 Acq: 17 Aug 2017 20:55

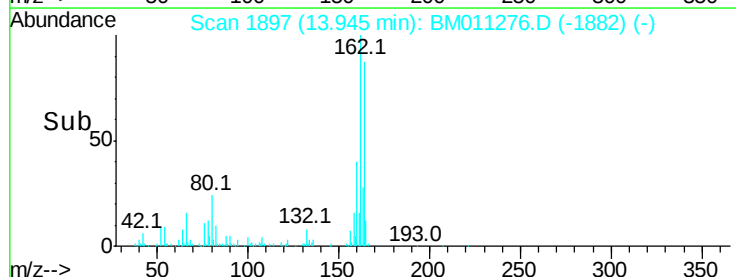
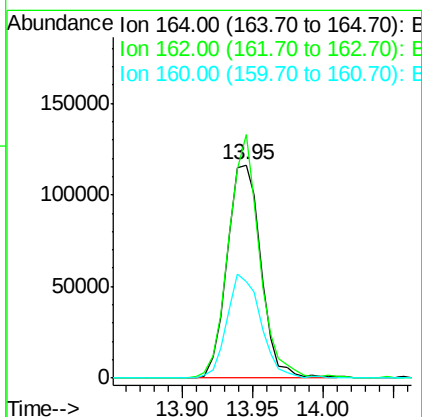
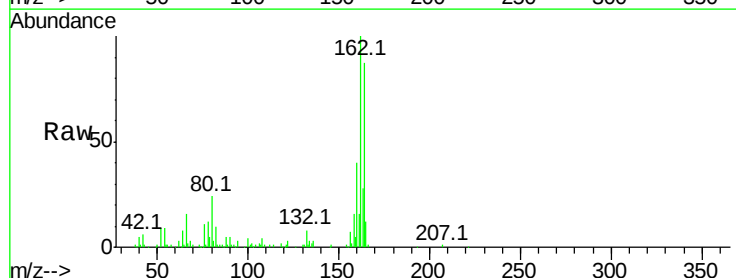
Instrument :
 BNA_M
 ClientSampleId :
 TR-05-081517-B

Tot Ion: 82 Resp: 1021493
 Ion Ratio Lower Upper
 82 100
 128 20.7 32.8 49.2#
 54 50.6 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.95 min Scan# 1897
 Delta R.T. -0.01 min
 Lab File: BM011276.D
 Acq: 17 Aug 2017 20:55

Tgt Ion:164 Resp: 194050
 Ion Ratio Lower Upper
 164 100
 162 114.3 82.4 123.6
 160 45.3 35.8 53.6

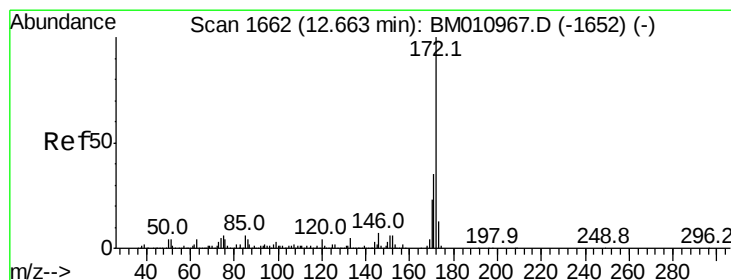
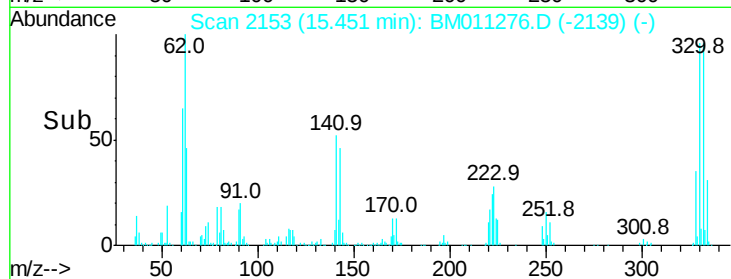
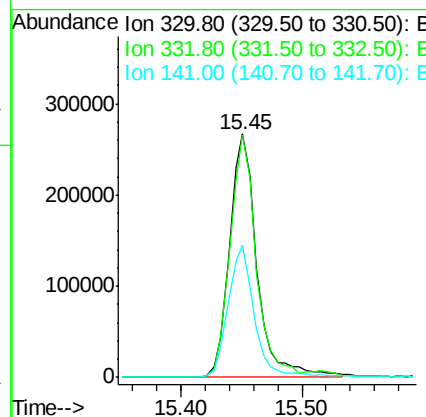
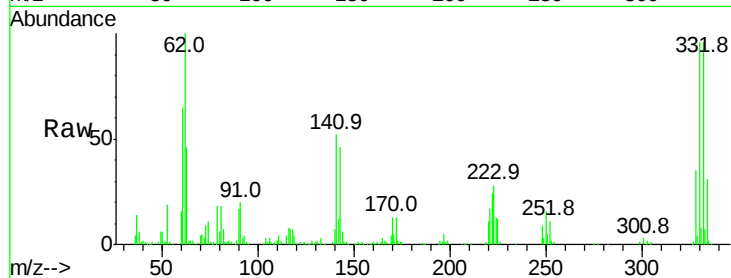




#41
 2,4,6-Tribromophenol
 Concen: 135.342 ng
 RT: 15.45 min Scan# 2153
 Delta R.T. -0.02 min
 Lab File: BM011276.D
 Acq: 17 Aug 2017 20:55

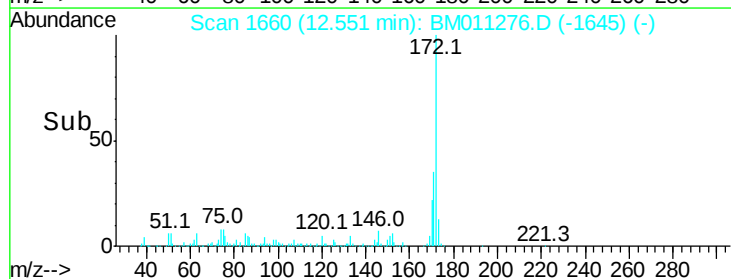
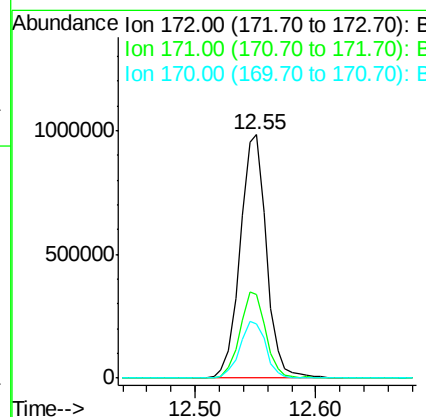
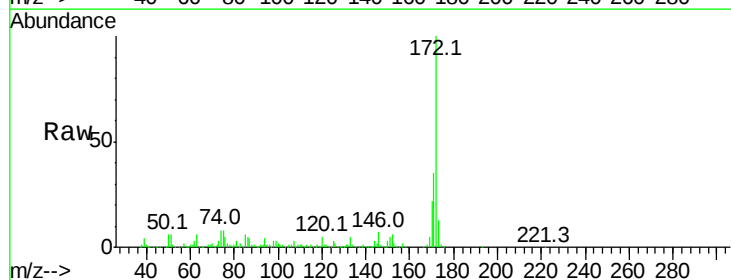
Instrument :
 BNA_M
 ClientSampleId :
 TR-05-081517-B

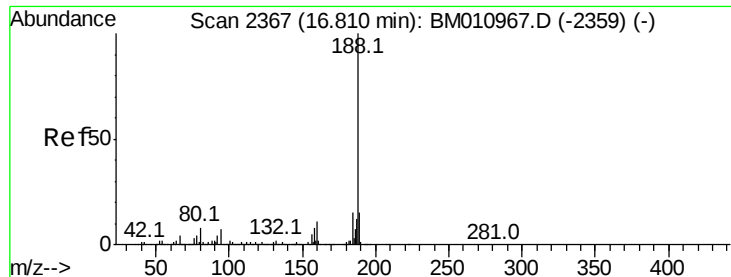
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	0.0	0.0#
141	51.9	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 96.621 ng
 RT: 12.55 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BM011276.D
 Acq: 17 Aug 2017 20:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.5	42.7
170	22.3	18.8	28.2

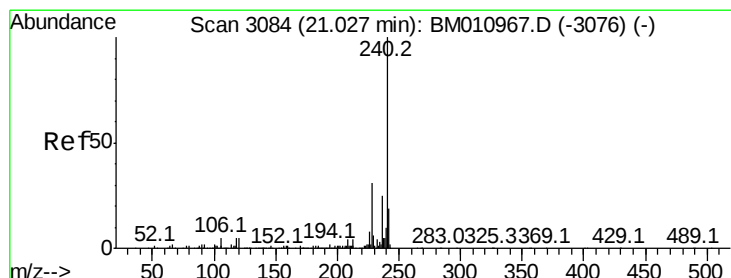
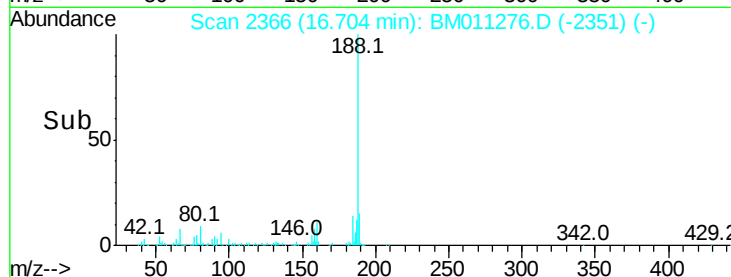
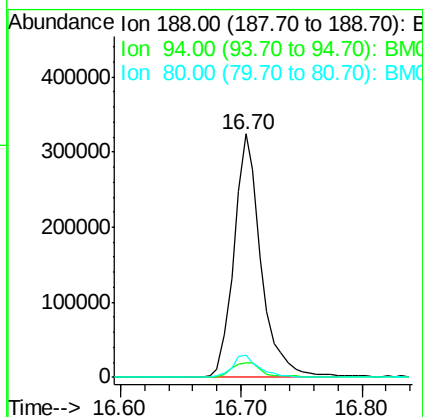
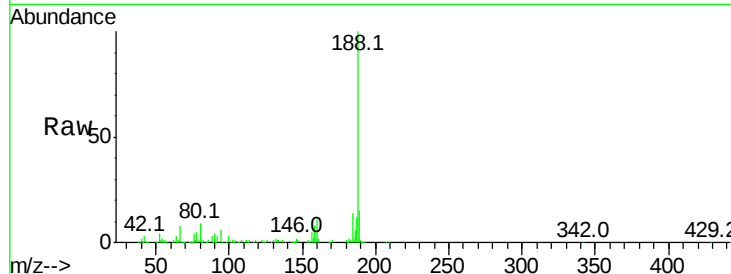




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.70 min Scan# 2366
Delta R.T. -0.01 min
Lab File: BM011276.D
Acq: 17 Aug 2017 20:55

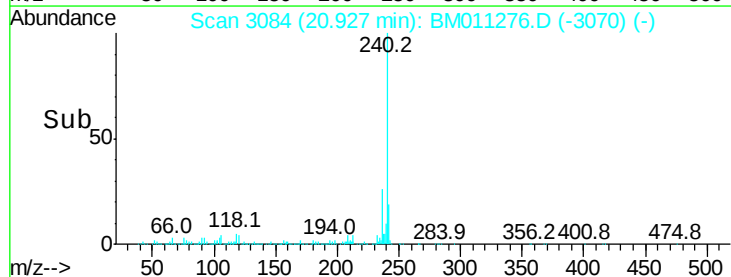
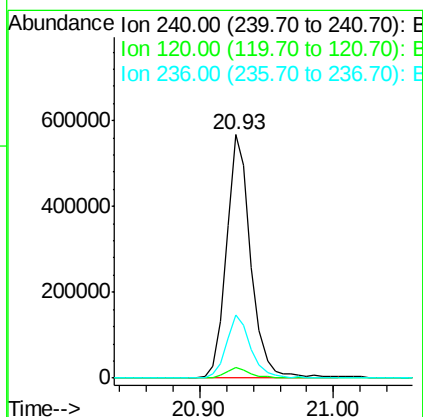
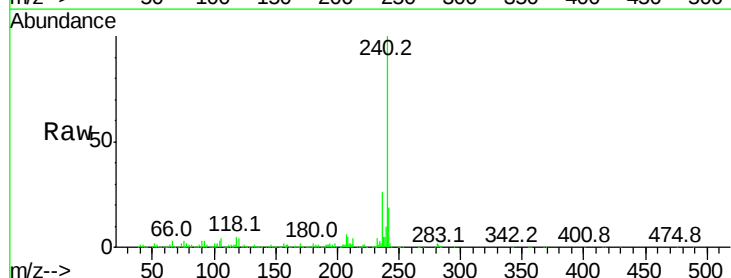
Instrument :
BNA_M
ClientSampleId :
TR-05-081517-B

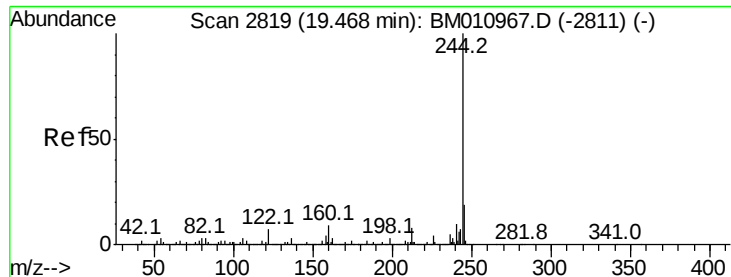
Tot Ion:188 Resp: 505202
Ion Ratio Lower Upper
188 100
94 6.1 8.7 13.1#
80 9.2 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.93 min Scan# 3084
Delta R.T. -0.02 min
Lab File: BM011276.D
Acq: 17 Aug 2017 20:55

Tgt Ion:240 Resp: 727479
Ion Ratio Lower Upper
240 100
120 4.2 8.2 12.2#
236 25.9 20.0 30.0





#78

Terphenyl-d14

Concen: 79.984 ng

RT: 19.37 min Scan# 2820

Delta R.T. -0.01 min

Lab File: BM011276.D

Acq: 17 Aug 2017 20:55

Instrument :

BNA_M

ClientSampleId :

TR-05-081517-B

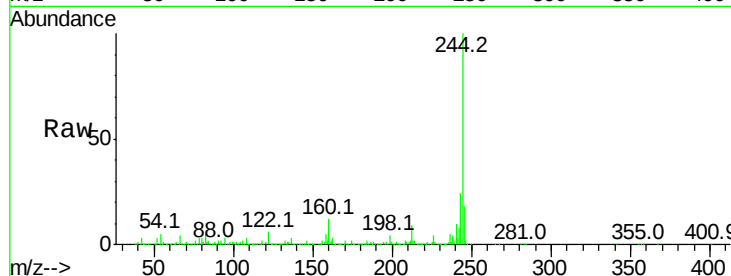
Tot Ion:244 Resp: 2937426

Ion Ratio Lower Upper

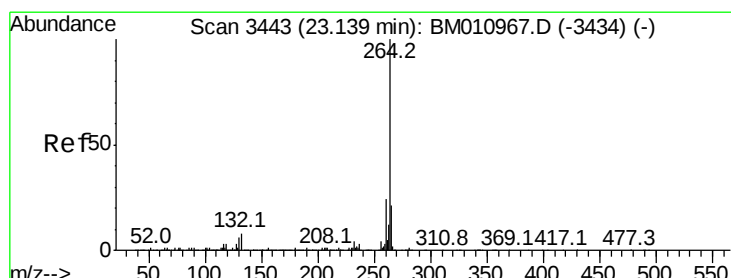
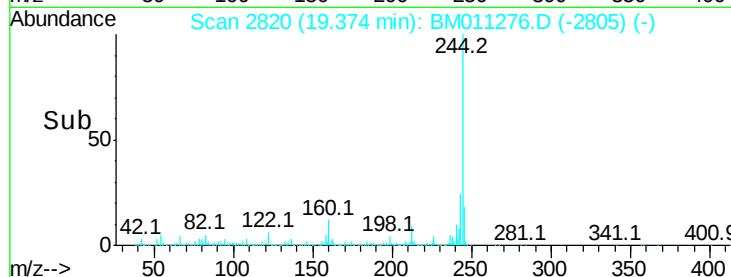
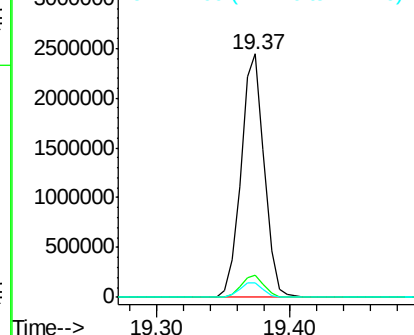
244 100

212 9.1 4.9 7.3#

122 6.0 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: 23.00 min Scan# 3436

Delta R.T. -0.02 min

Lab File: BM011276.D

Acq: 17 Aug 2017 20:55

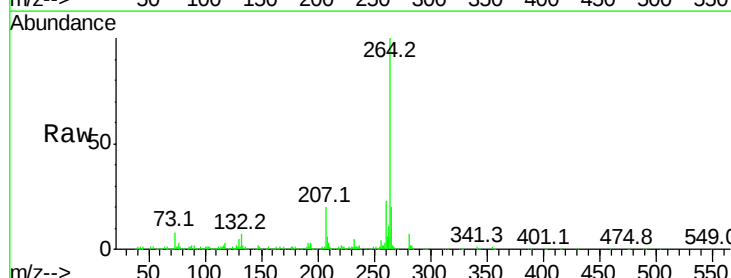
Tgt Ion:264 Resp: 711040

Ion Ratio Lower Upper

264 100

260 23.5 18.6 27.8

265 20.0 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

