

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081817\
 Data File : BM011297.D
 Acq On : 18 Aug 2017 20:53
 Operator : SJ/JU
 Sample : I4875-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CL-02-081717-A

Quant Time: Aug 18 23:43:17 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	70196	20.00	ng	-0.02
21) Naphthalene-d8	10.03	136	230054	20.00	ng	-0.02
38) Acenaphthene-d10	13.94	164	156568	20.00	ng	-0.02
63) Phenanthrene-d10	16.70	188	409467	20.00	ng	-0.01
75) Chrysene-d12	20.93	240	592480	20.00	ng	-0.02
86) Perylene-d12	23.00	264	552147	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	554031	133.42	ng	-0.02
7) Phenol-d6	6.47	99	683790	115.90	ng	-0.02
23) Nitrobenzene-d5	8.42	82	781716	127.53	ng	-0.02
41) 2,4,6-Tribromophenol	15.44	330	320294	127.63	ng	-0.02
44) 2-Fluorobiphenyl	12.55	172	1159686	92.89	ng	-0.02
78) Terphenyl-d14	19.37	244	2443999	81.71	ng	-0.02

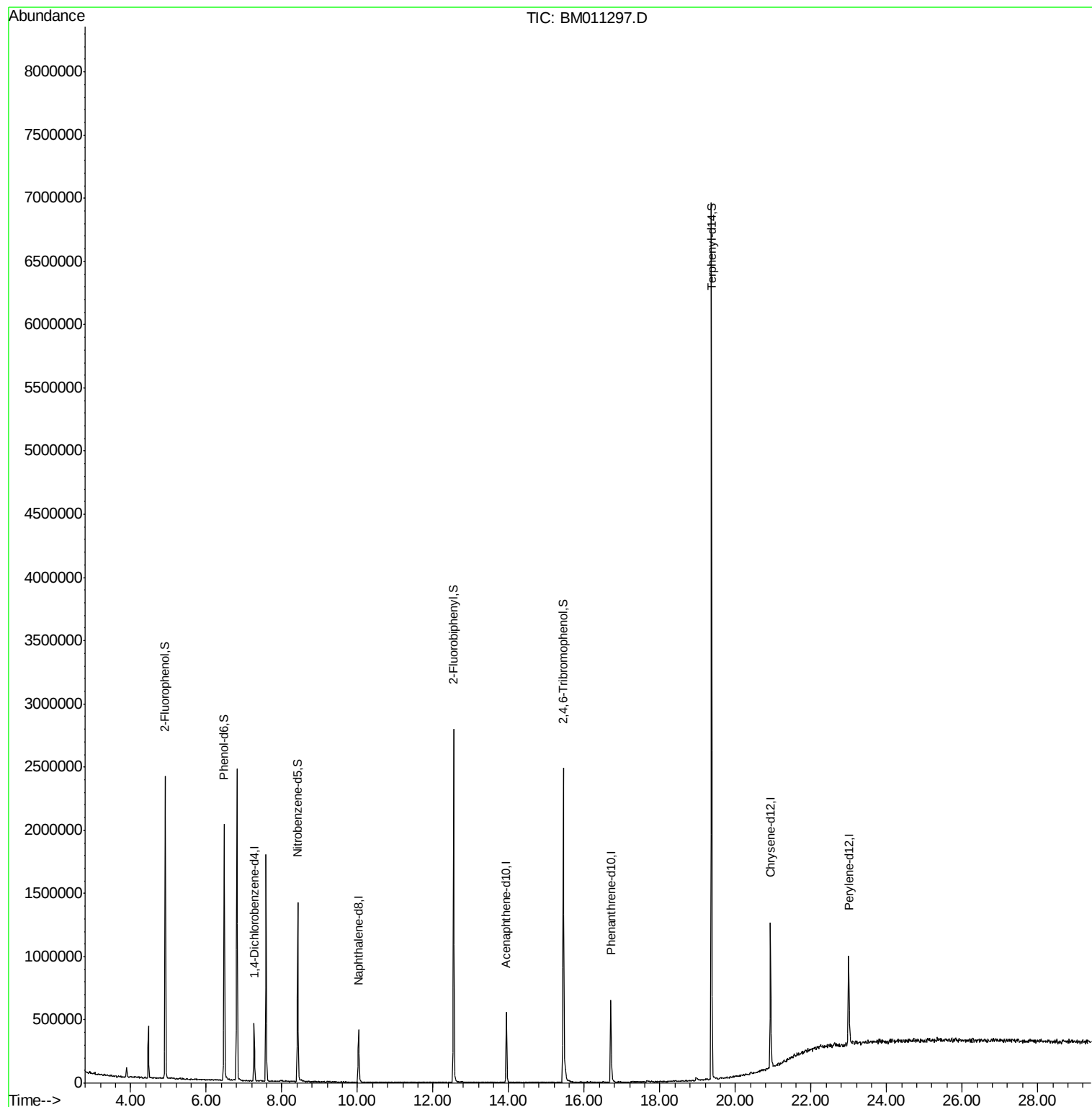
Target Compounds Qvalue

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

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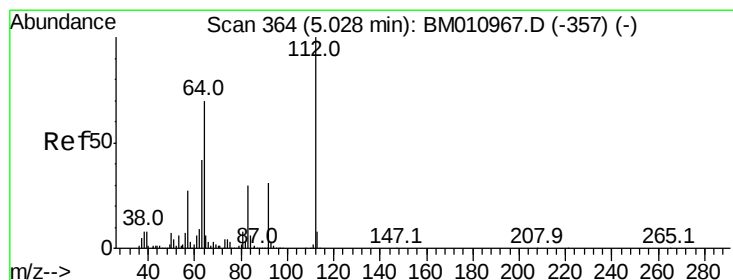
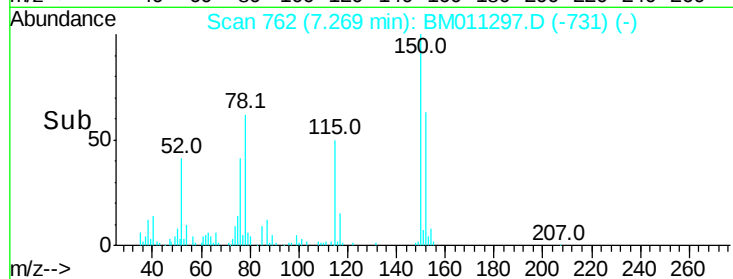
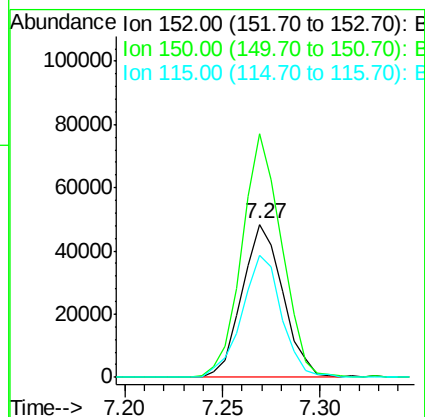
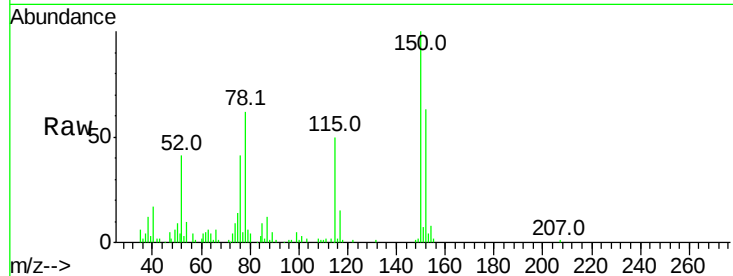


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.27 min Scan# 762
Delta R.T. -0.02 min
Lab File: BM011297.D
Acq: 18 Aug 2017 20:53

Instrument :
BNA_M
ClientSampleId :
CL-02-081717-A

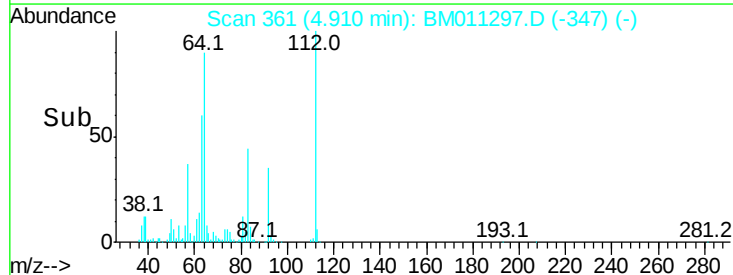
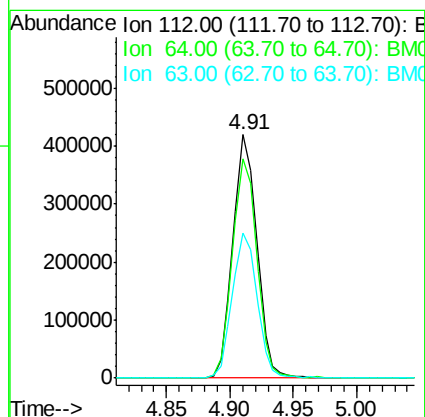
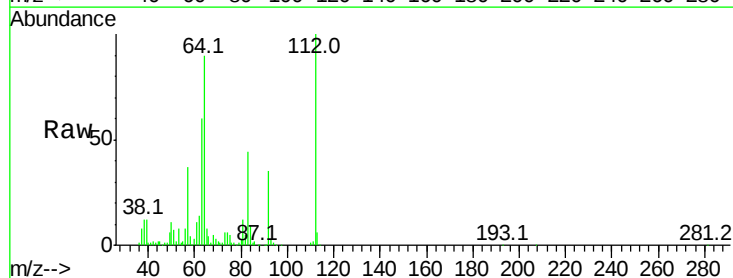
Tot Ion:152 Resp: 70196
Ion Ratio Lower Upper
152 100
150 159.1 119.5 179.3
115 79.9 43.0 64.4#



#5

2-Fluorophenol
Concen: 133.420 ng
RT: 4.91 min Scan# 361
Delta R.T. -0.02 min
Lab File: BM011297.D
Acq: 18 Aug 2017 20:53

Tgt Ion:112 Resp: 554031
Ion Ratio Lower Upper
112 100
64 89.9 38.6 57.8#
63 59.8 19.3 28.9#





#7

Phenol-d6

Concen: 115.897 ng

RT: 6.47 min Scan# 627

Delta R.T. -0.02 min

Lab File: BM011297.D

Acq: 18 Aug 2017 20:53

Instrument :

BNA_M

ClientSampleId :

CL-02-081717-A

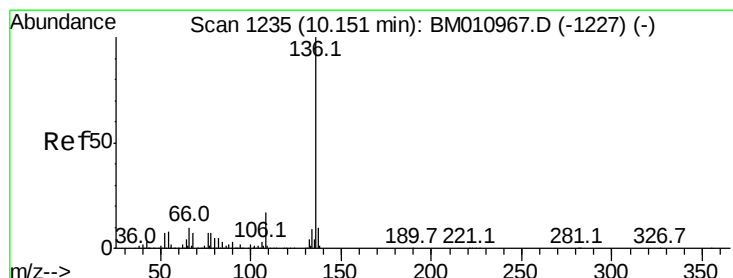
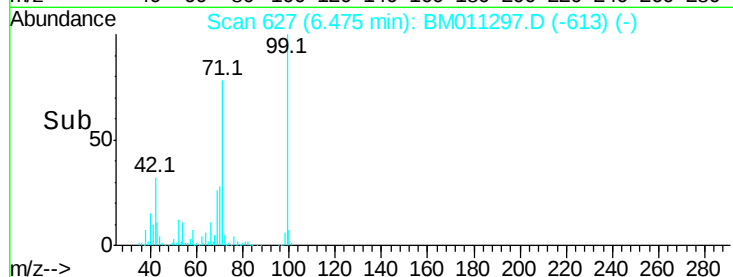
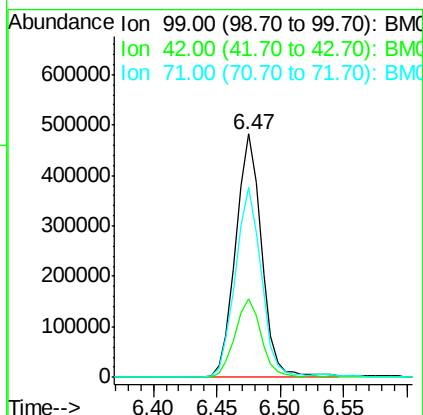
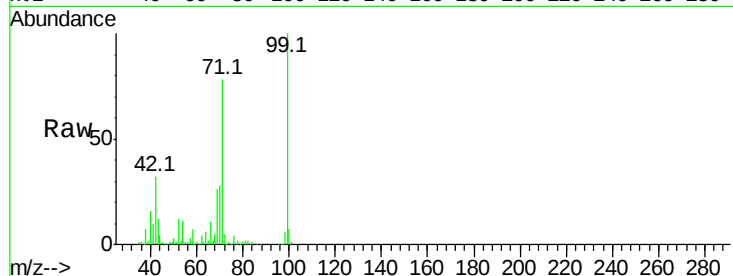
Tot Ion: 99 Resp: 683790

Ion Ratio Lower Upper

99 100

42 32.0 11.0 16.4#

71 78.2 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.03 min Scan# 1231

Delta R.T. -0.02 min

Lab File: BM011297.D

Acq: 18 Aug 2017 20:53

Tgt Ion: 136 Resp: 230054

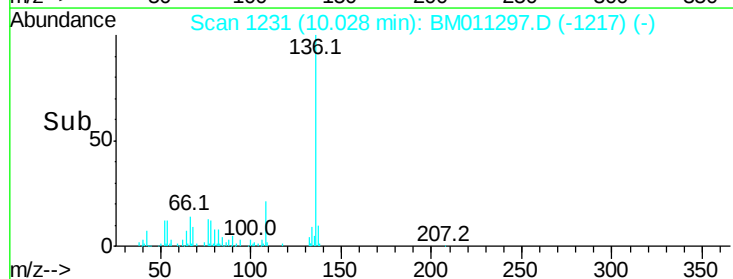
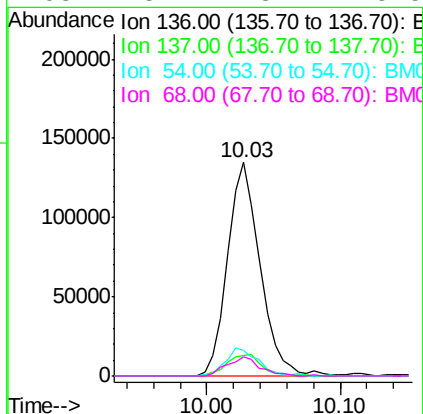
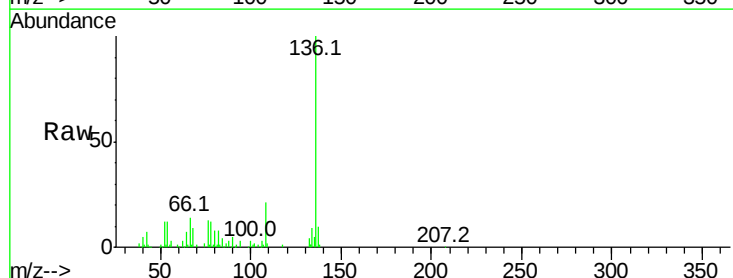
Ion Ratio Lower Upper

136 100

137 9.5 8.7 13.1

54 11.7 4.6 6.8#

68 8.7 3.7 5.5#

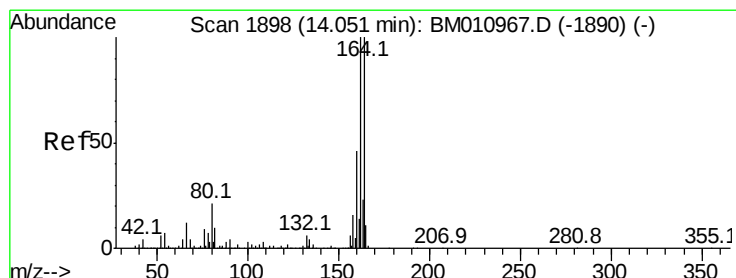
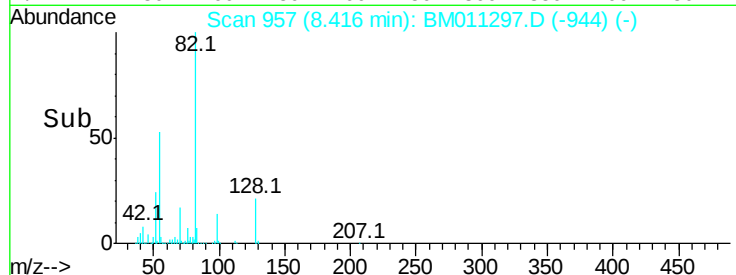
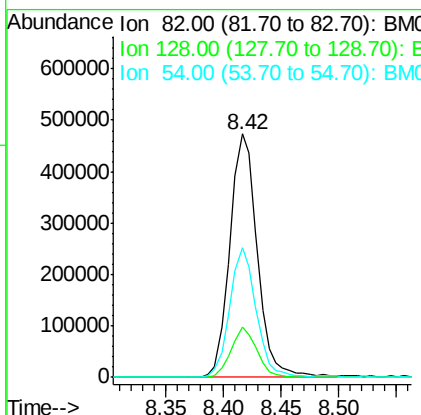
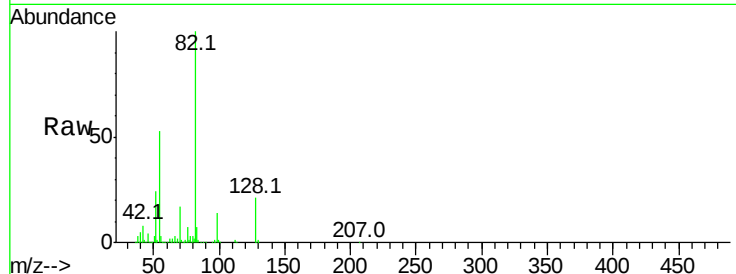




#23
Nitrobenzene-d5
Concen: 127.531 ng
RT: 8.42 min Scan# 957
Delta R.T. -0.02 min
Lab File: BM011297.D
Acq: 18 Aug 2017 20:53

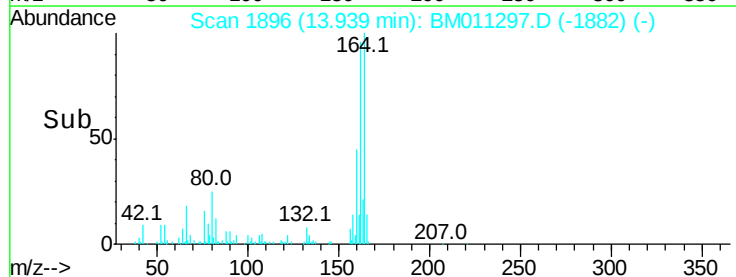
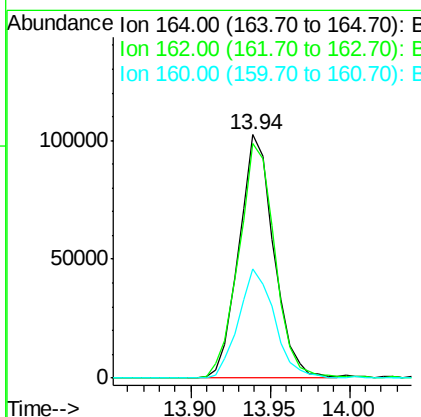
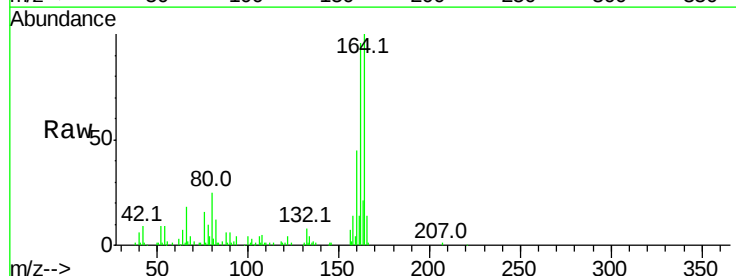
Instrument :
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CL-02-081717-A

Tot Ion	82	Resp	781716
Ion Ratio	Lower	Upper	
82	100		
128	20.6	32.8	49.2#
54	53.1	40.6	60.8



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.94 min Scan# 1896
Delta R.T. -0.02 min
Lab File: BM011297.D
Acq: 18 Aug 2017 20:53

Tgt Ion	164	Resp	156568
Ion Ratio	Lower	Upper	
164	100		
162	96.2	82.4	123.6
160	45.0	35.8	53.6

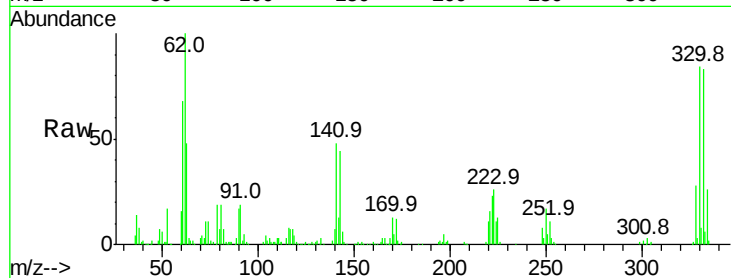




#41
 2,4,6-Tribromophenol
 Concen: 127.635 ng
 RT: 15.44 min Scan# 2152
 Delta R.T. -0.02 min
 Lab File: BM011297.D
 Acq: 18 Aug 2017 20:53

Instrument :
 BNA_M
 ClientSampleId :
 CL-02-081717-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	0.0	0.0#
141	55.0	0.0	0.0#

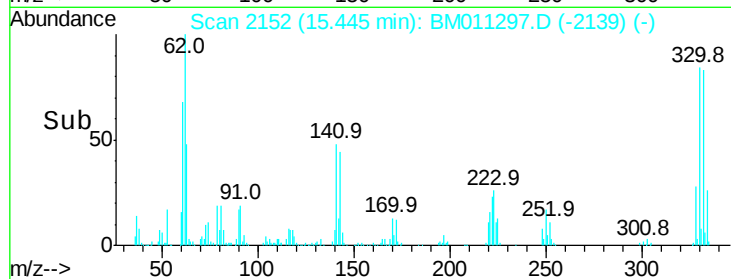
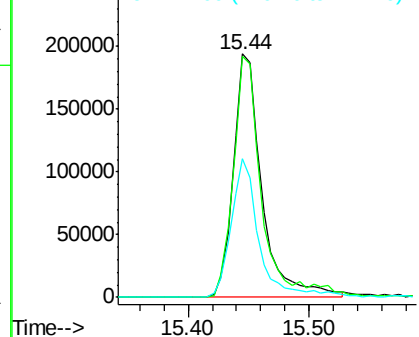


Abundance

Ion 329.80 (329.50 to 330.50): E

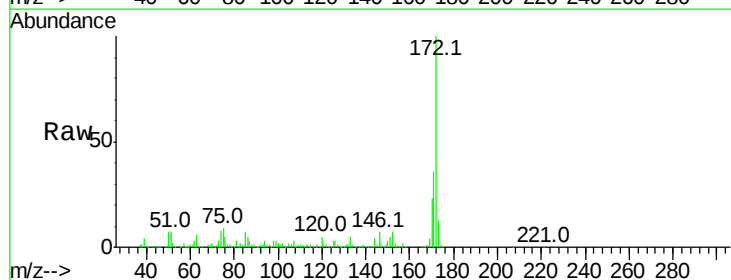
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 92.893 ng
 RT: 12.55 min Scan# 1659
 Delta R.T. -0.02 min
 Lab File: BM011297.D
 Acq: 18 Aug 2017 20:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.5	42.7
170	23.4	18.8	28.2

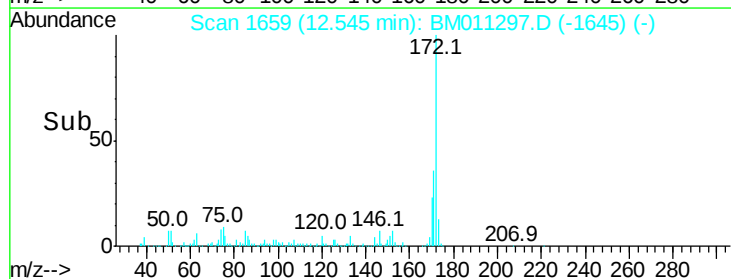
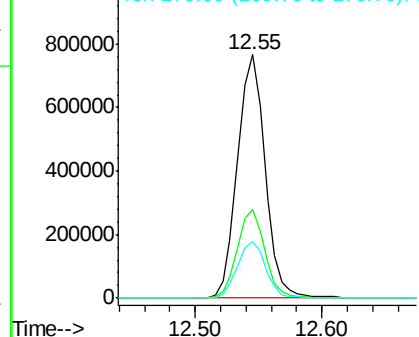


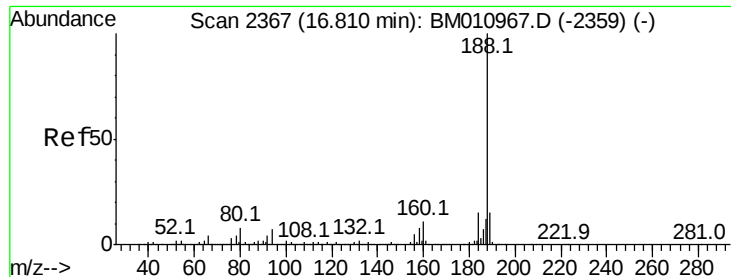
Abundance

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

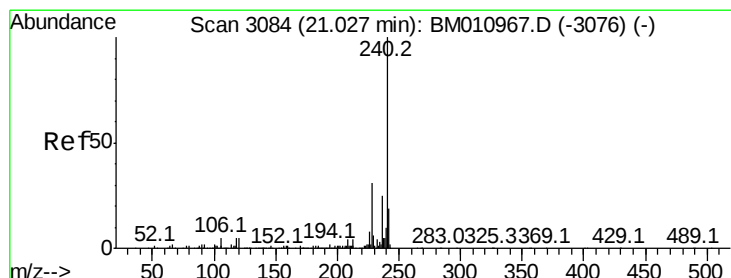
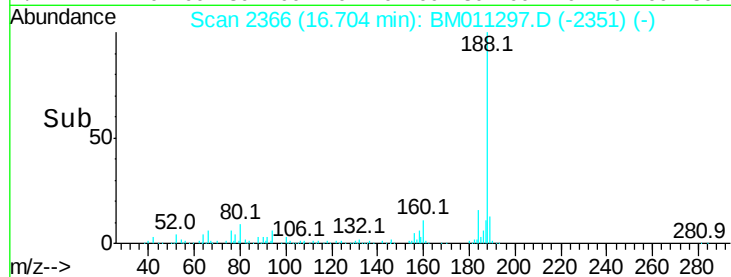
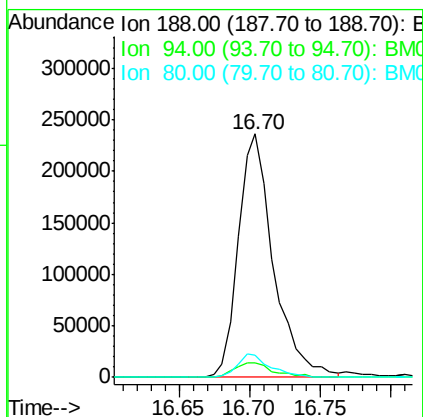
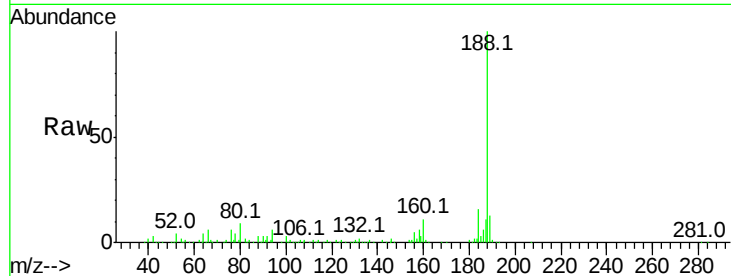




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.70 min Scan# 2366
Delta R.T. -0.01 min
Lab File: BM011297.D
Acq: 18 Aug 2017 20:53

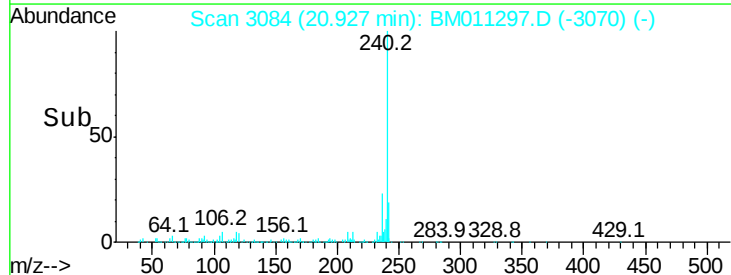
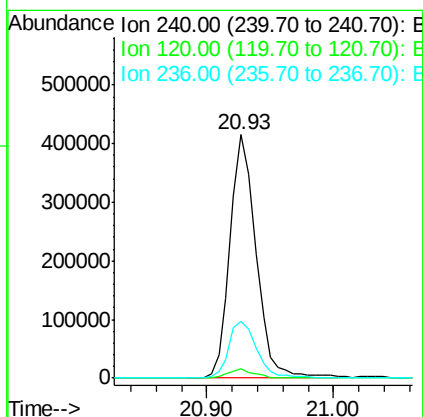
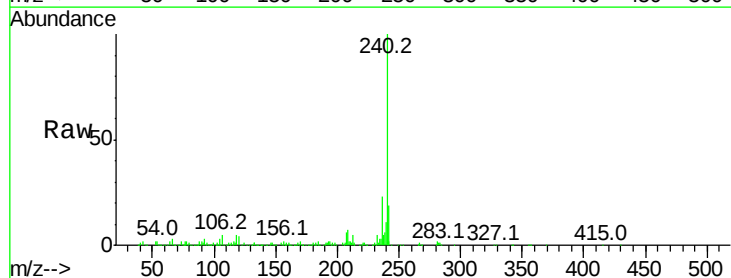
Instrument :
BNA_M
ClientSampleId :
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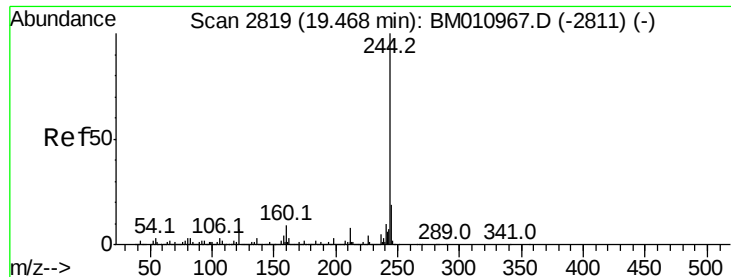
Tot Ion:188 Resp: 409467
Ion Ratio Lower Upper
188 100
94 6.2 8.7 13.1#
80 9.3 9.3 13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.93 min Scan# 3084
Delta R.T. -0.02 min
Lab File: BM011297.D
Acq: 18 Aug 2017 20:53

Tgt Ion:240 Resp: 592480
Ion Ratio Lower Upper
240 100
120 3.9 8.2 12.2#
236 23.4 20.0 30.0





#78

Terphenyl-d14

Concen: 81.712 ng

RT: 19.37 min Scan# 2819

Delta R.T. -0.02 min

Lab File: BM011297.D

Acq: 18 Aug 2017 20:53

Instrument :

BNA_M

ClientSampleId :

CL-02-081717-A

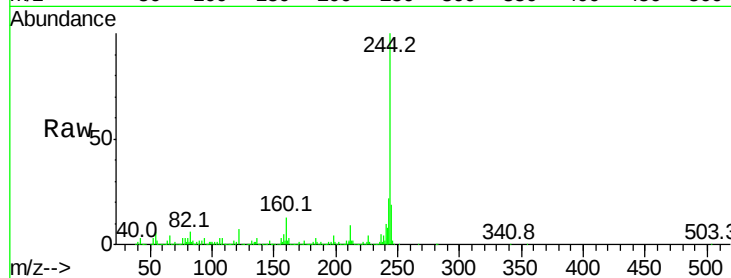
Tot Ion:244 Resp: 2443999

Ion Ratio Lower Upper

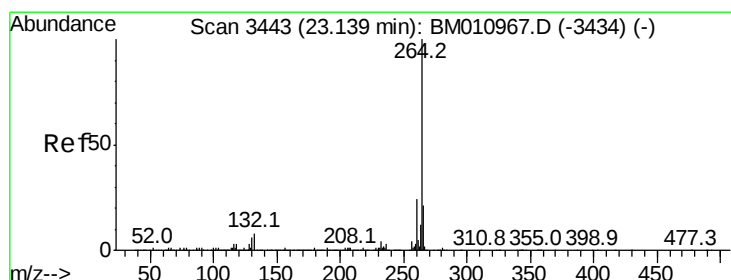
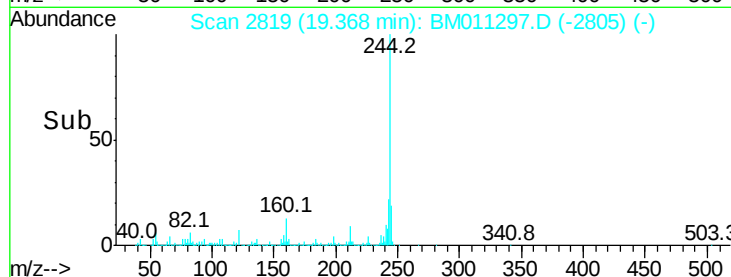
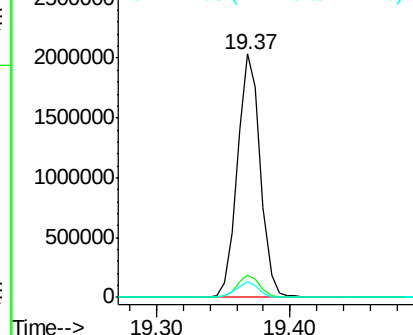
244 100

212 9.0 4.9 7.3#

122 6.6 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: BM011297.D

Acq: 18 Aug 2017 20:53

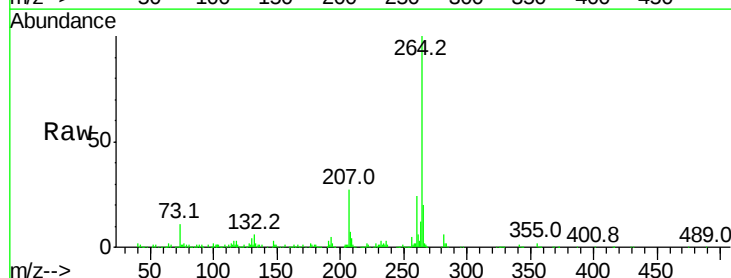
Tgt Ion:264 Resp: 552147

Ion Ratio Lower Upper

264 100

260 24.4 18.6 27.8

265 19.8 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

