

Data Path : Z:\HPCHEM1\BNA M\Data\BM033017\
 Data File : BM009461.D
 Acq On : 30 Mar 2017 21:21
 Operator : SJ/MA
 Sample : PB97933TB
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB97933TB

Quant Time: Mar 31 08:53:12 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 22 16:43:02 2017
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.845	152	101599	20.00	ng	-0.02
21) Naphthalene-d8	10.645	136	374398	20.00	ng	-0.02
38) Acenaphthene-d10	14.492	164	201851	20.00	ng	-0.01
63) Phenanthrene-d10	17.239	188	465739	20.00	ng	-0.01
75) Chrysene-d12	21.415	240	599674	20.00	ng	-0.01
86) Perylene-d12	23.739	264	591089	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	898373	147.39	ng	-0.01
7) Phenol-d6	7.010	99	1213063	145.94	ng	-0.01
23) Nitrobenzene-d5	9.016	82	839317	84.05	ng	-0.01
41) 2,4,6-Tribromophenol	15.986	330	339413	135.35	ng	-0.01
44) 2-Fluorobiphenyl	13.110	172	1482072	88.47	ng	-0.01
78) Terphenyl-d14	19.856	244	2222490	77.44	ng	-0.01

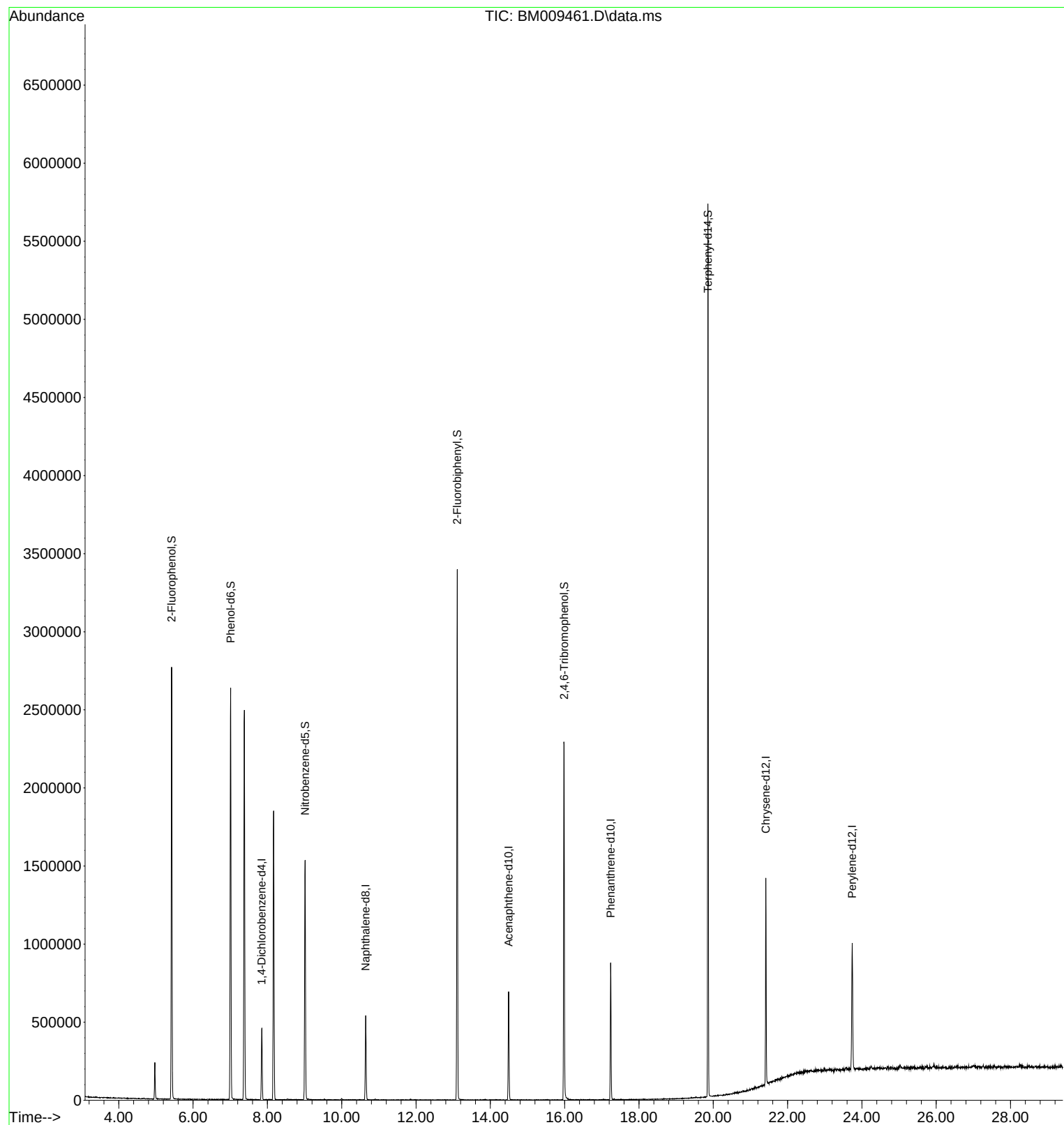
Target Compounds Qvalue

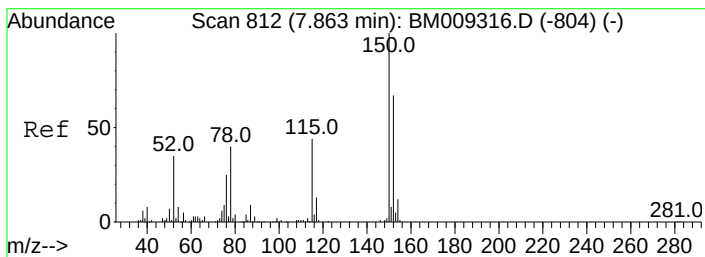
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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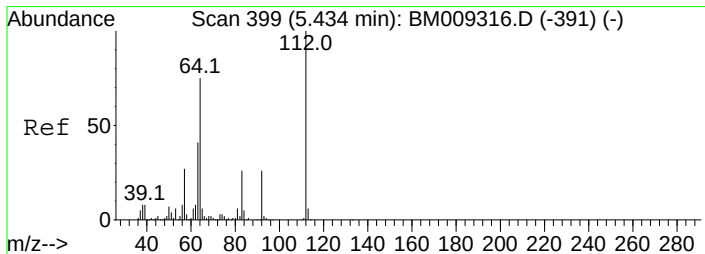
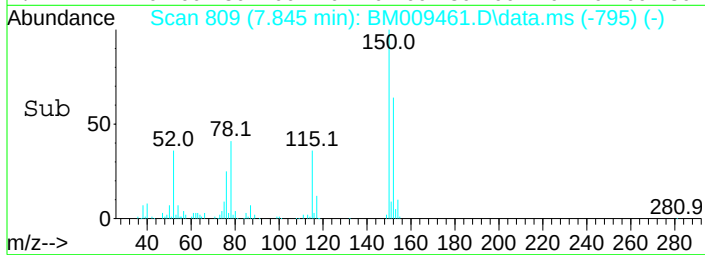
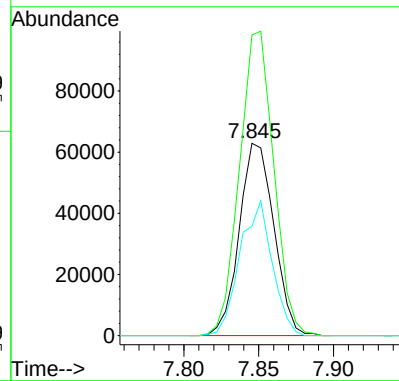
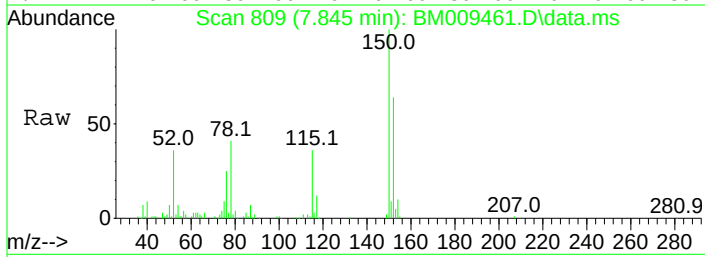




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.845 min Scan# 809
Delta R.T. -0.018 min
Lab File: BM009461.D
Acq: 30 Mar 2017 21:21

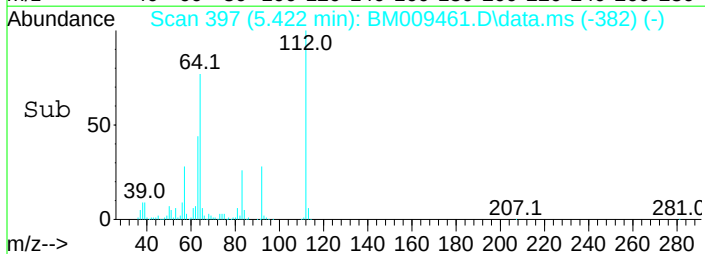
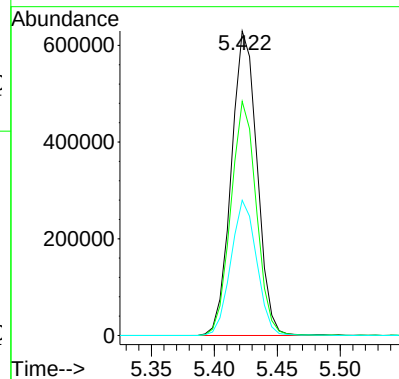
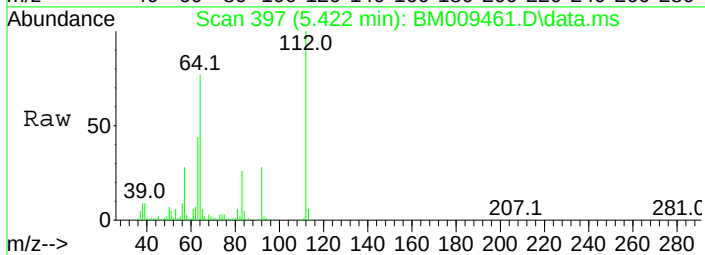
Instrument :
BNA_M
ClientSampleId :
PB97933TB

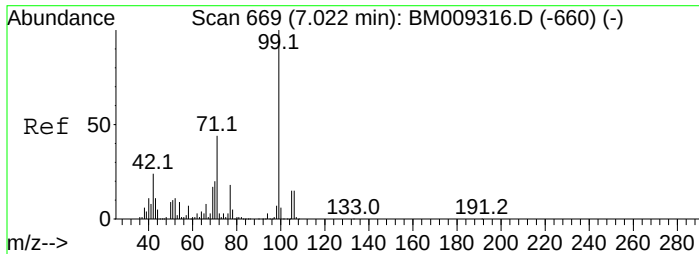
Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.3	119.5	179.3
115	56.9	43.0	64.4



#5
2-Fluorophenol
Concen: 147.39 ng
RT: 5.422 min Scan# 397
Delta R.T. -0.011 min
Lab File: BM009461.D
Acq: 30 Mar 2017 21:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	76.9	38.6	57.8#
63	44.4	19.3	28.9#

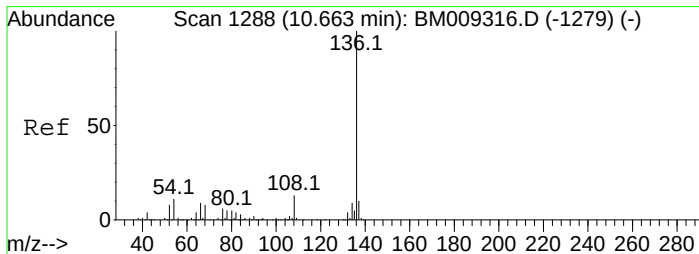
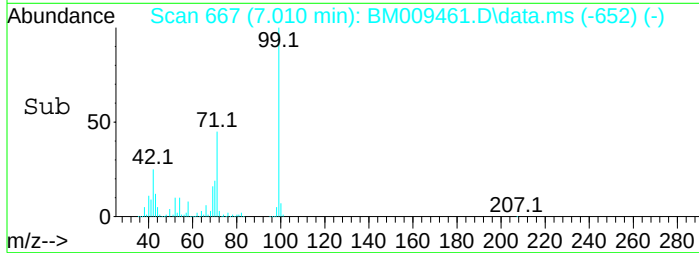
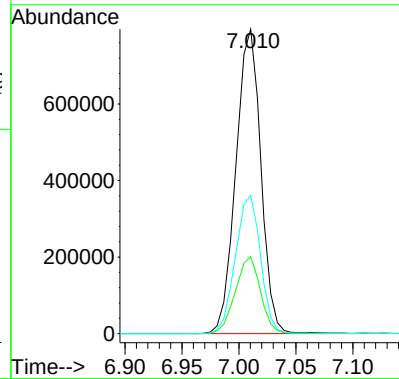
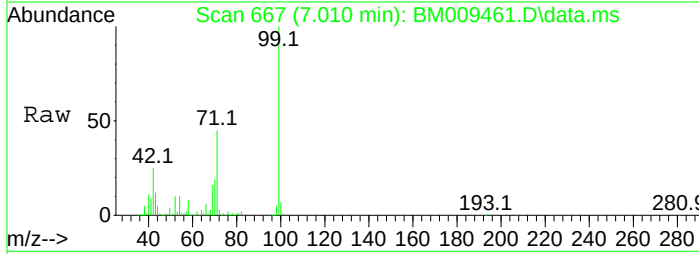




#7
Phenol-d6
Concen: 145.94 ng
RT: 7.010 min Scan# 667
Delta R.T. -0.012 min
Lab File: BM009461.D
Acq: 30 Mar 2017 21:21

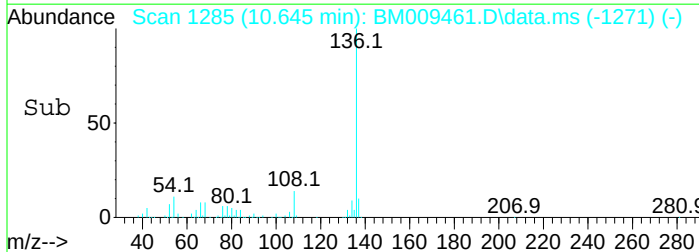
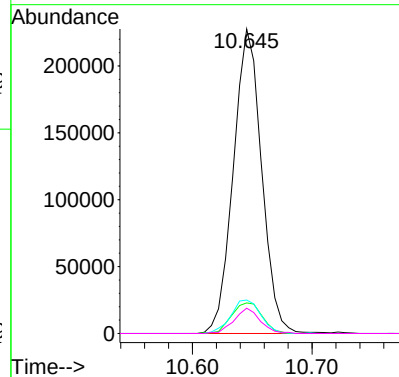
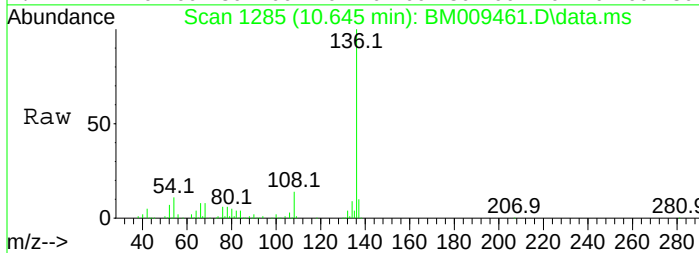
Instrument :
BNA_M
ClientSampleId :
PB97933TB

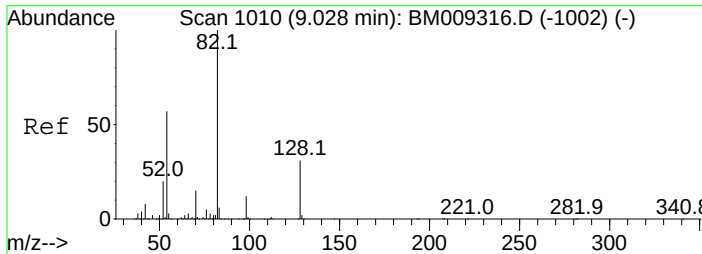
Tgt Ion: 99 Resp: 1213063
Ion Ratio Lower Upper
99 100
42 25.3 11.0 16.4#
71 45.4 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.645 min Scan# 1285
Delta R.T. -0.018 min
Lab File: BM009461.D
Acq: 30 Mar 2017 21:21

Tgt Ion: 136 Resp: 374398
Ion Ratio Lower Upper
136 100
137 10.0 8.7 13.1
54 11.0 4.6 6.8#
68 8.3 3.7 5.5#

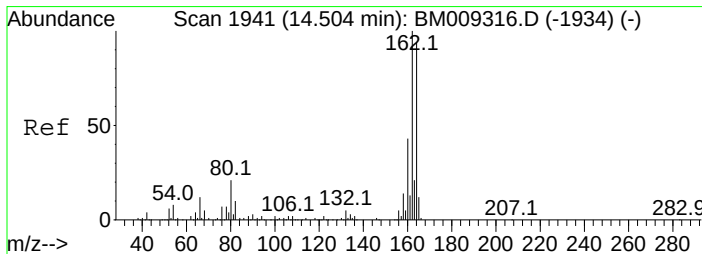
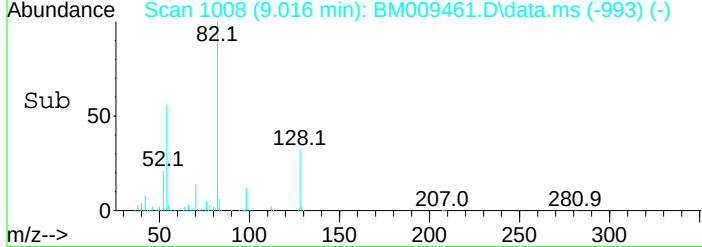
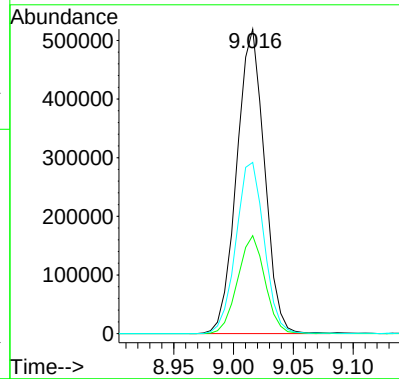
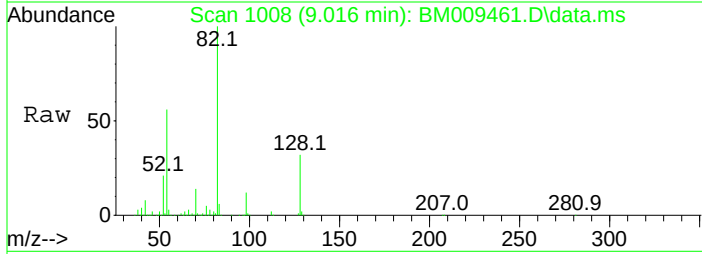




#23
 Nitrobenzene-d5
 Concen: 84.05 ng
 RT: 9.016 min Scan# 1008
 Delta R.T. -0.012 min
 Lab File: BM009461.D
 Acq: 30 Mar 2017 21:21

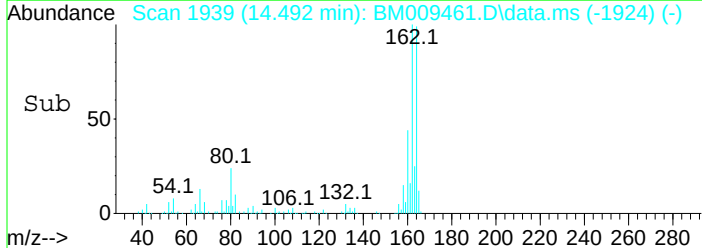
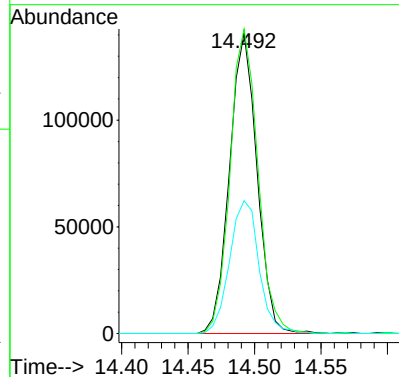
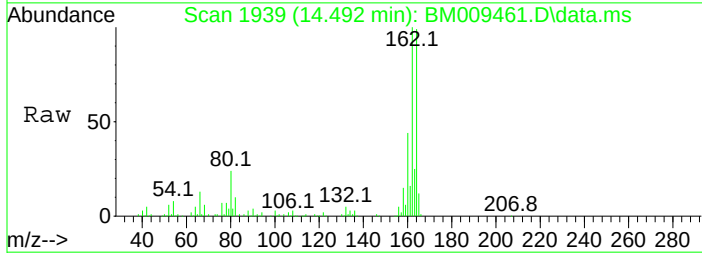
Instrument :
 BNA_M
 ClientSampleId :
 PB97933TB

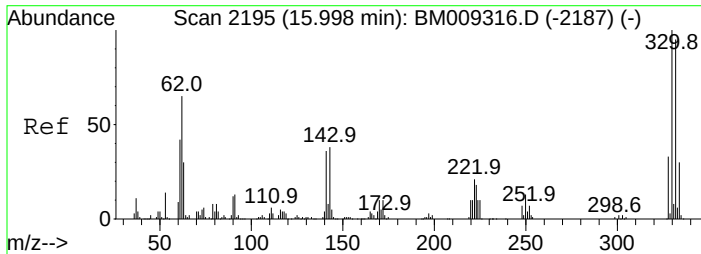
Tgt Ion: 82 Resp: 839317
 Ion Ratio Lower Upper
 82 100
 128 32.2 32.8 49.2#
 54 56.2 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.492 min Scan# 1939
 Delta R.T. -0.012 min
 Lab File: BM009461.D
 Acq: 30 Mar 2017 21:21

Tgt Ion: 164 Resp: 201851
 Ion Ratio Lower Upper
 164 100
 162 101.4 82.4 123.6
 160 44.2 35.8 53.6

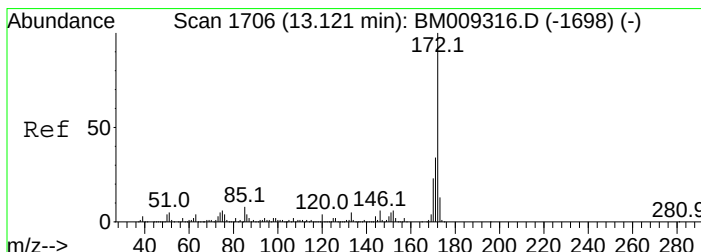
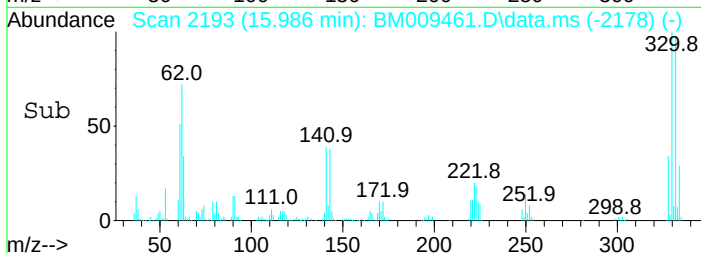
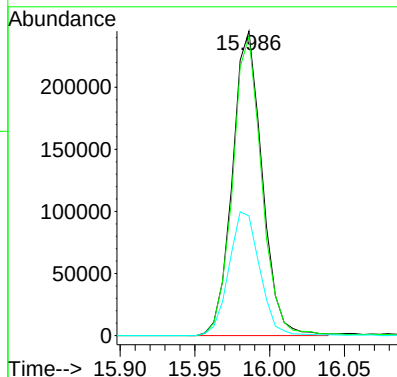
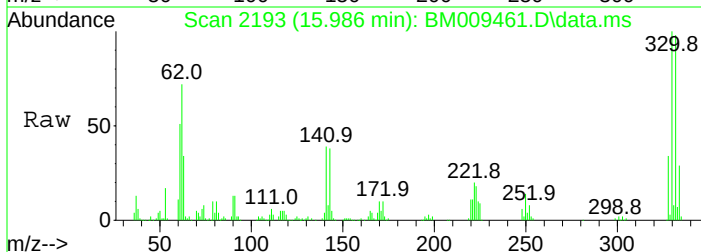




#41
2,4,6-Tribromophenol
Concen: 135.35 ng
RT: 15.986 min Scan# 2193
Delta R.T. -0.012 min
Lab File: BM009461.D
Acq: 30 Mar 2017 21:21

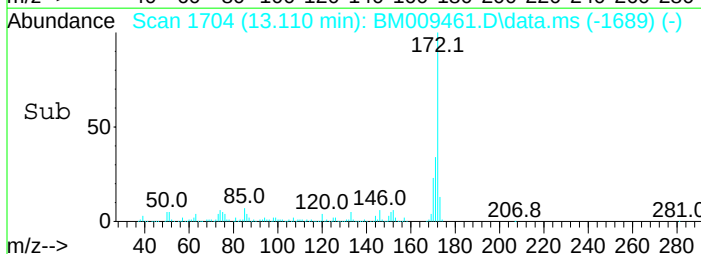
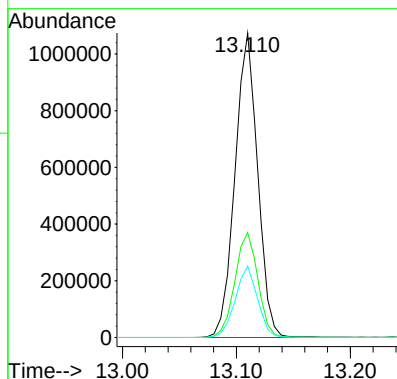
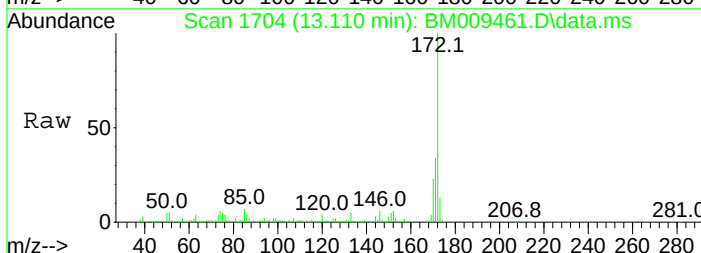
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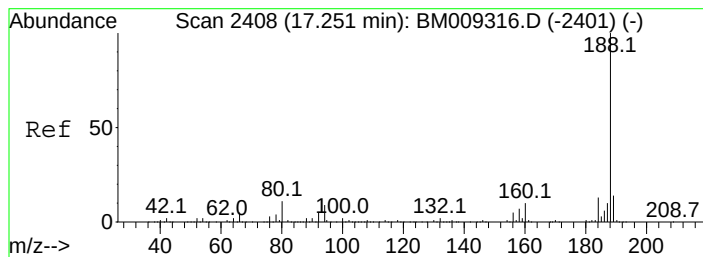
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	339413		
332	96.4	0.0	0.0	0.0
141	42.2	0.0	0.0	0.0



#44
2-Fluorobiphenyl
Concen: 88.47 ng
RT: 13.110 min Scan# 1704
Delta R.T. -0.012 min
Lab File: BM009461.D
Acq: 30 Mar 2017 21:21

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1482072		
171	34.5	28.5	42.7	
170	23.4	18.8	28.2	

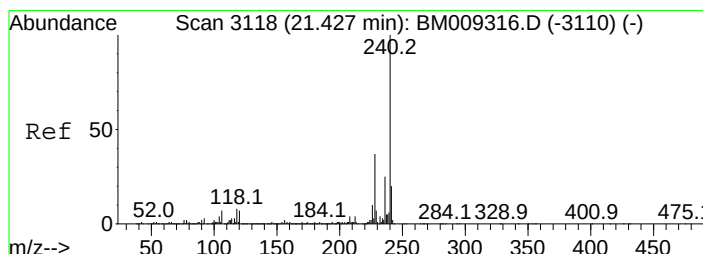
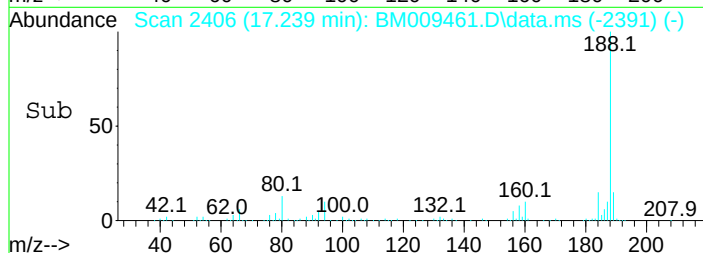
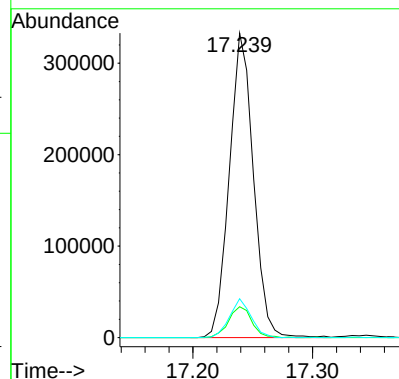
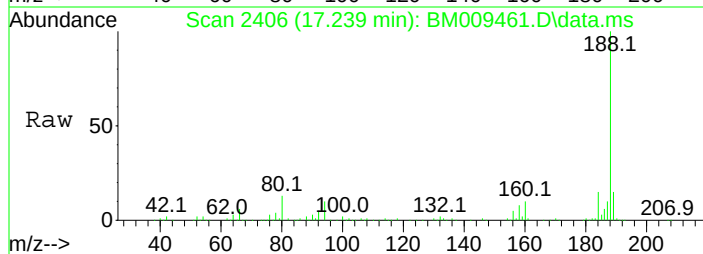




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.239 min Scan# 2406
Delta R.T. -0.012 min
Lab File: BM009461.D
Acq: 30 Mar 2017 21:21

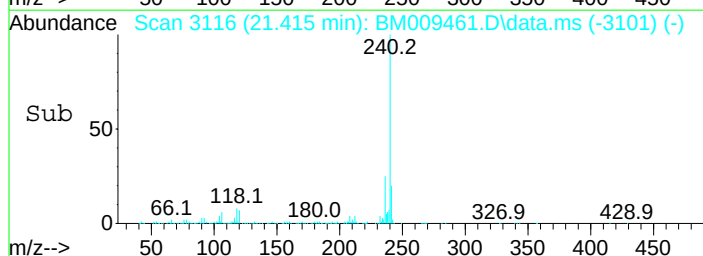
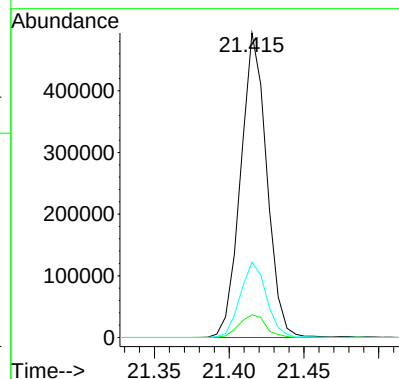
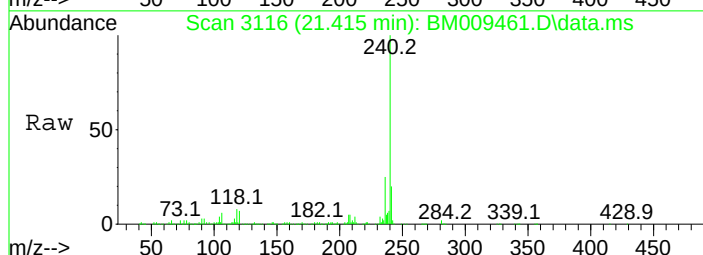
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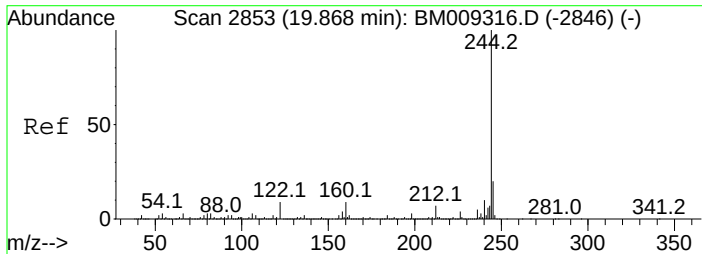
Tgt Ion	188	Resp	465739
Ion Ratio	100	Lower	Upper
188	100		
94	10.1	8.7	13.1
80	12.7	9.3	13.9



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.415 min Scan# 3116
Delta R.T. -0.012 min
Lab File: BM009461.D
Acq: 30 Mar 2017 21:21

Tgt Ion	240	Resp	599674
Ion Ratio	100	Lower	Upper
240	100		
120	7.5	8.2	12.2#
236	24.8	20.0	30.0

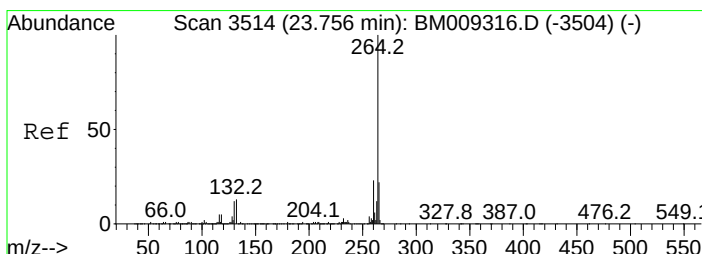
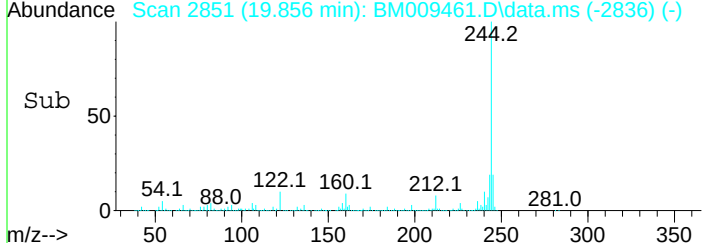
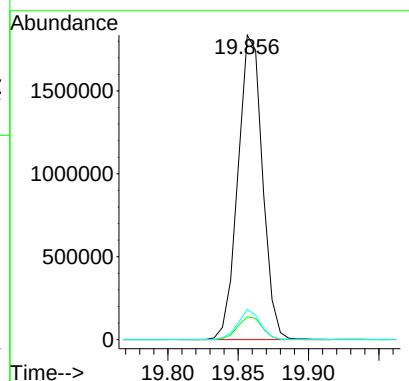
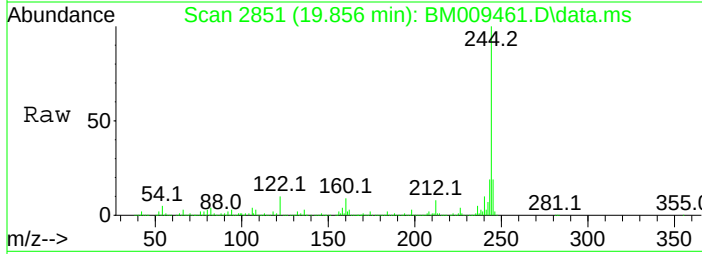




#78
 Terphenyl-d14
 Concen: 77.44 ng
 RT: 19.856 min Scan# 2851
 Delta R.T. -0.012 min
 Lab File: BM009461.D
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Instrument :
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Tgt Ion:	244	Resp:	2222490
Ion Ratio	Lower	Upper	
244	100		
212	7.5	4.9	7.3#
122	9.9	6.2	9.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.739 min Scan# 3511
 Delta R.T. -0.018 min
 Lab File: BM009461.D
 Acq: 30 Mar 2017 21:21

Tgt Ion:	264	Resp:	591089
Ion Ratio	Lower	Upper	
264	100		
260	23.2	18.6	27.8
265	21.5	17.3	25.9

