

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020718\
 Data File : BM014177.D
 Acq On : 08 Feb 2018 00:53
 Operator : SJ/JU
 Sample : J1161-07
 Misc : LOD 2 PPM
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2018

Manual Integrations
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Sohil
 2/8/2018 3:50:41 PM

Quant Time: Feb 08 11:51:56 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM020718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 07 17:16:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	74082	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	312342	20.00	ng	0.00
38) Acenaphthene-d10	14.20	164	214856	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	533696	20.00	ng	0.00
75) Chrysene-d12	21.16	240	636253	20.00	ng	0.00
86) Perylene-d12	23.34	264	630140	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	546057	128.47	ng	0.00
7) Phenol-d6	6.73	99	734680	122.05	ng	0.00
23) Nitrobenzene-d5	8.70	82	667951	95.52	ng	0.00
41) 2,4,6-Tribromophenol	15.70	330	381922	125.27	ng	0.00
44) 2-Fluorobiphenyl	12.81	172	1499050	87.09	ng	0.00
78) Terphenyl-d14	19.60	244	2709984	83.22	ng	0.00

Target Compounds Qvalue

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

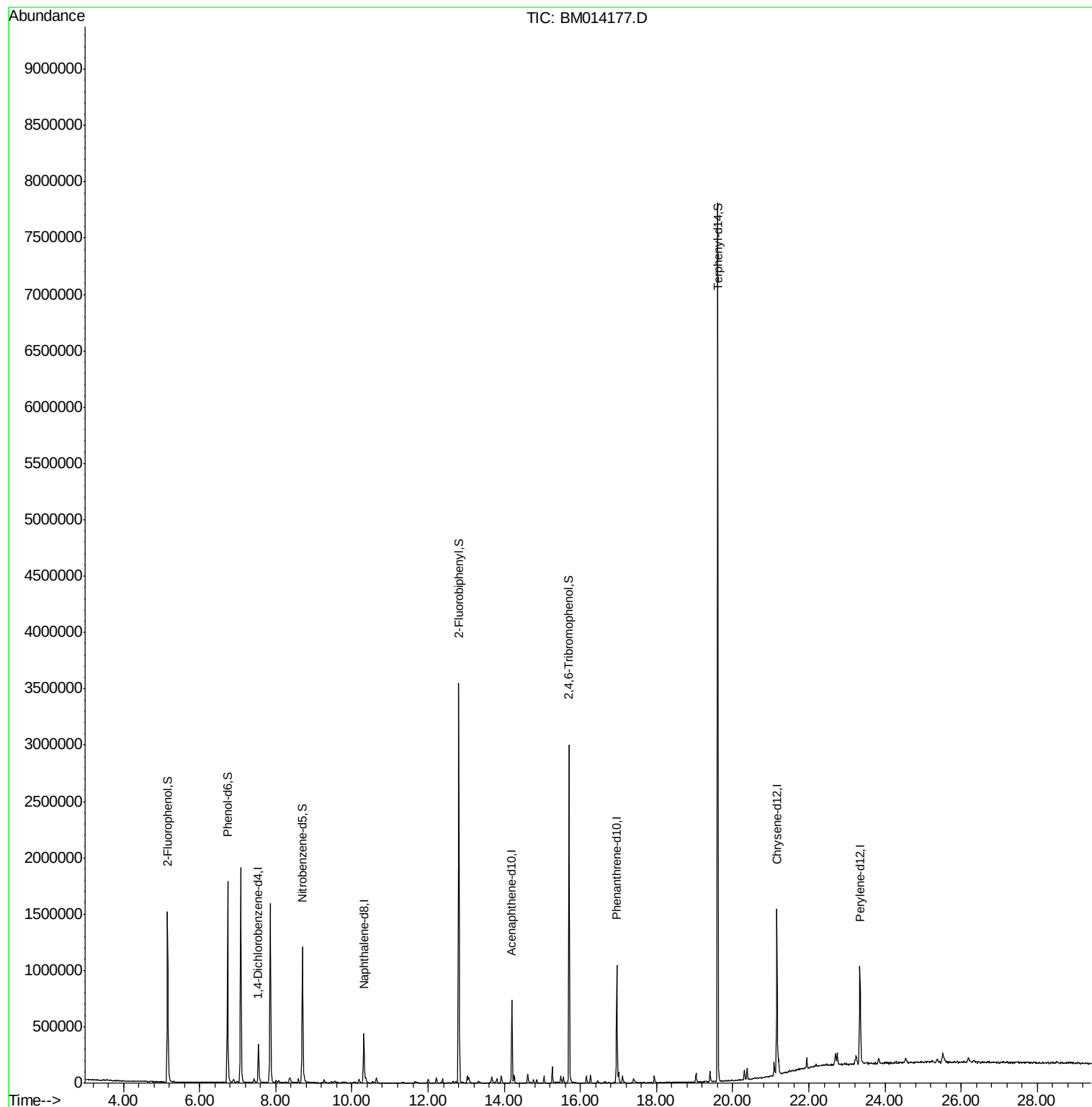
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020718\
Data File : BM014177.D
Acq On : 08 Feb 2018 00:53
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Misc : LOD 2 PPM
ALS Vial : 13 Sample Multiplier: 1

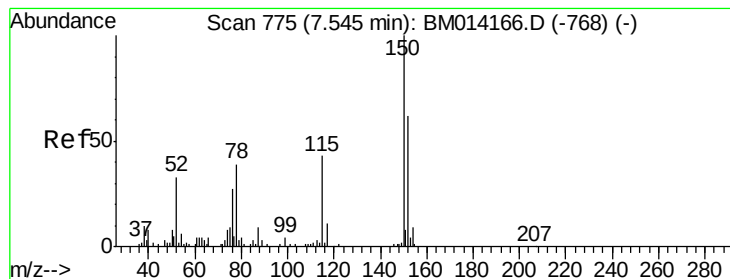
Instrument :
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LOD-MDL-WATER-01-QT1-2018

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#1

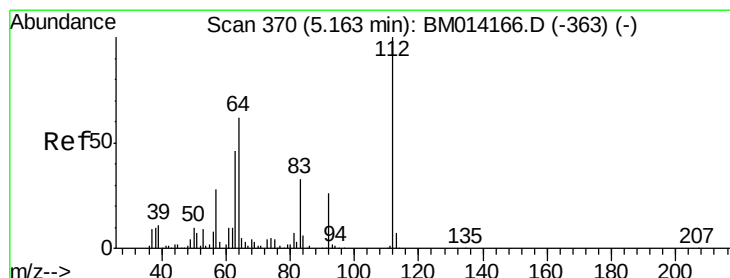
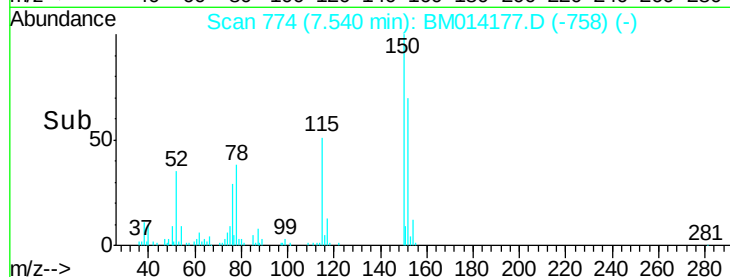
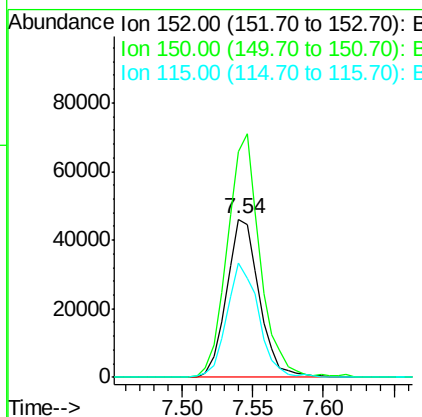
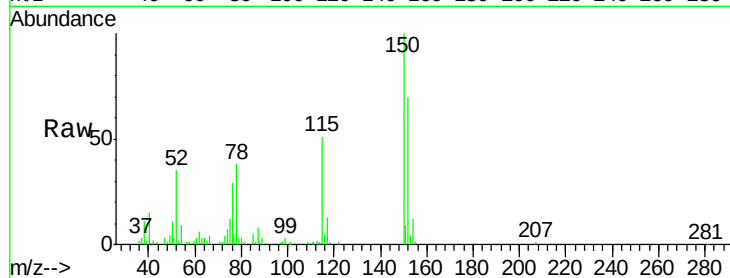
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.54 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM014177.D
Acq: 08 Feb 2018 00:53

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

Tgt Ion	Ratio	Lower	Upper
152	100		
150	142.7	119.5	179.3
115	72.4	43.0	64.4

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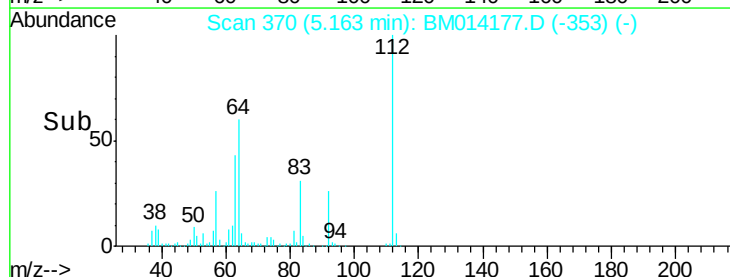
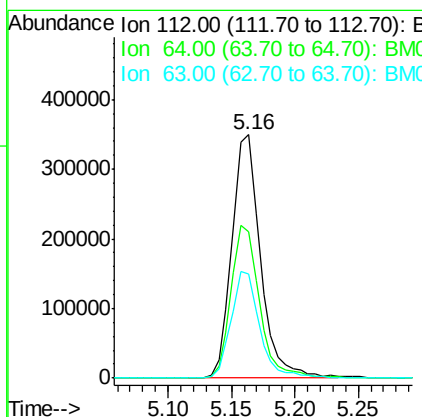
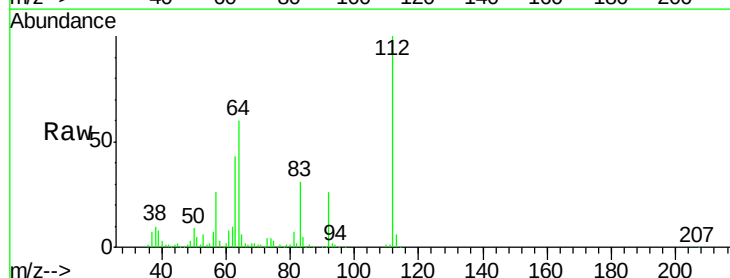
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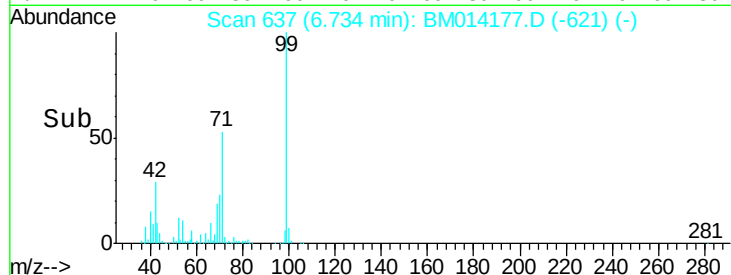
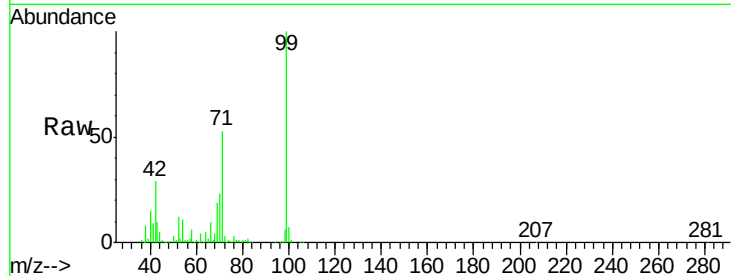
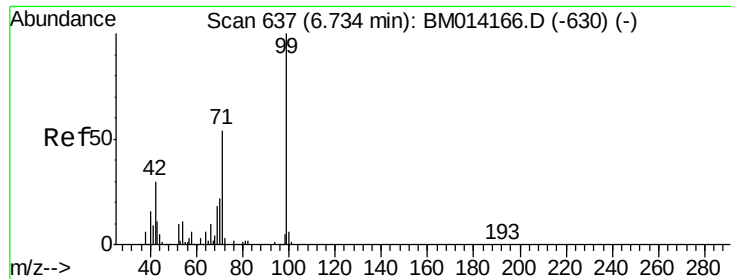


#5

2-Fluorophenol
Concen: 128.47 ng
RT: 5.16 min Scan# 370
Delta R.T. 0.00 min
Lab File: BM014177.D
Acq: 08 Feb 2018 00:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.0	38.6	57.8
63	42.6	19.3	28.9





#7

Phenol-d6

Concen: 122.05 ng

RT: 6.73 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM014177.D

Acq: 08 Feb 2018 00:53

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	734680		
42	29.1	11.0	16.4#	
71	52.8	23.4	35.2#	

Instrument :

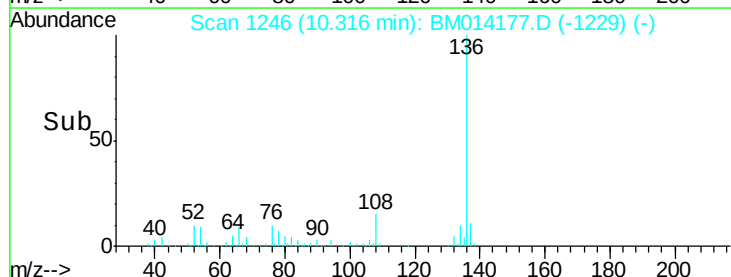
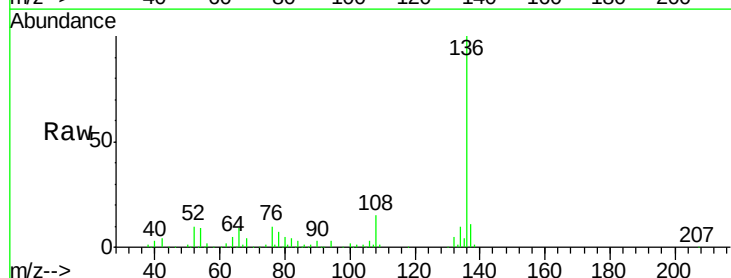
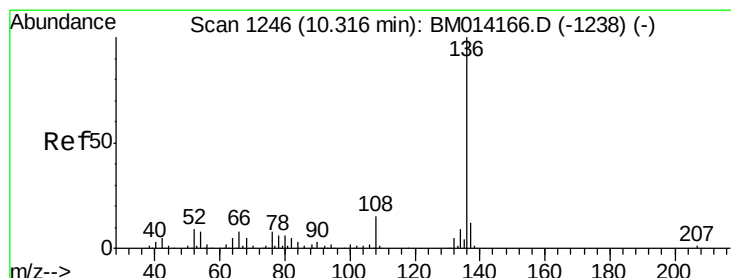
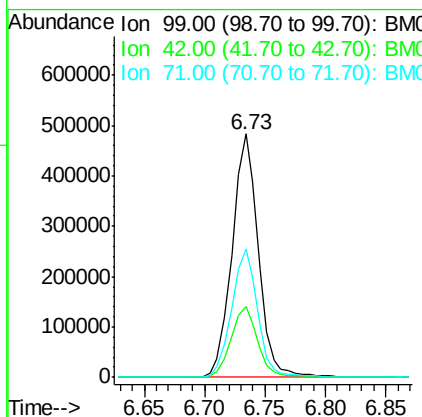
BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT1-2018

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#21

Naphthalene-d8

Concen: 20.00 ng

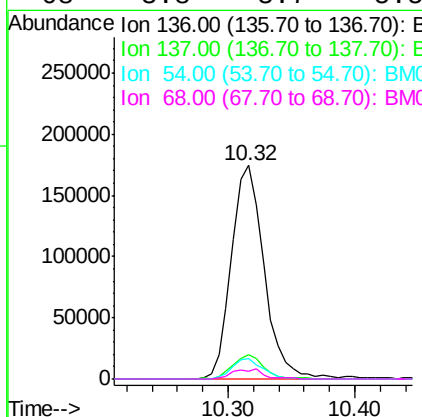
RT: 10.32 min Scan# 1246

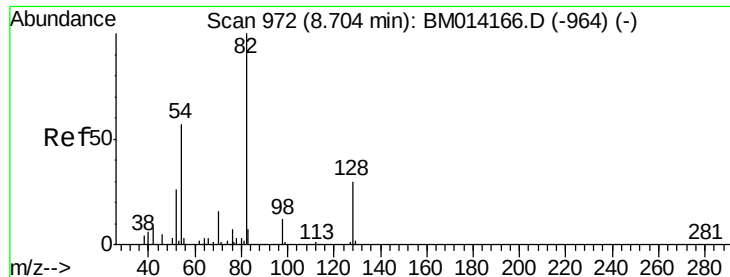
Delta R.T. 0.00 min

Lab File: BM014177.D

Acq: 08 Feb 2018 00:53

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	312342		
137	11.4	8.7	13.1	
54	9.4	4.6	6.8#	
68	3.8	3.7	5.5	





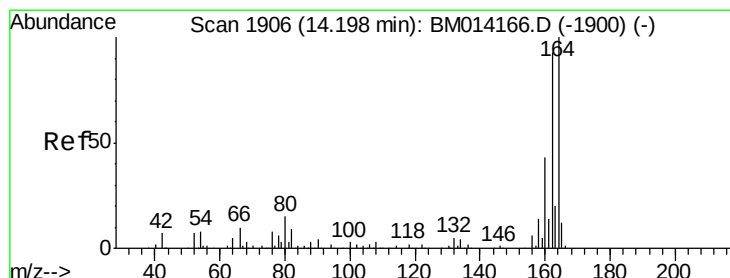
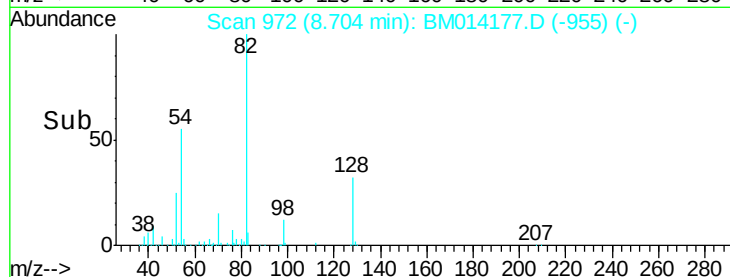
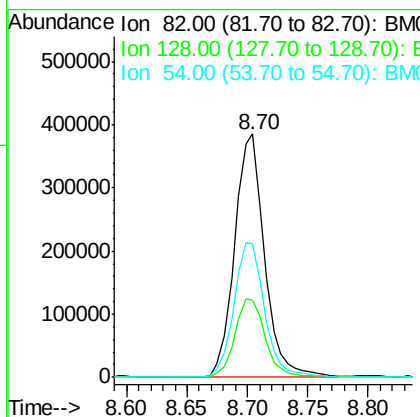
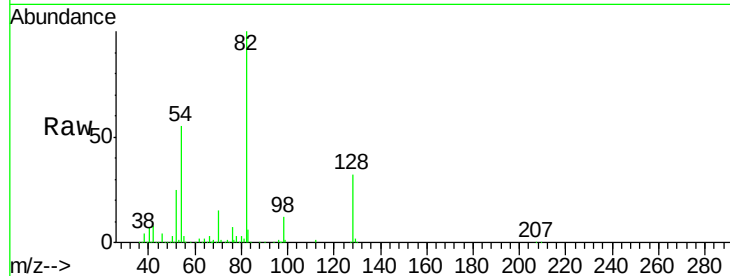
#23
 Nitrobenzene-d5
 Concen: 95.52 ng
 RT: 8.70 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: BM014177.D
 Acq: 08 Feb 2018 00:53

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2018

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	667951		
128	31.8	32.8	49.2#	
54	55.0	40.6	60.8	

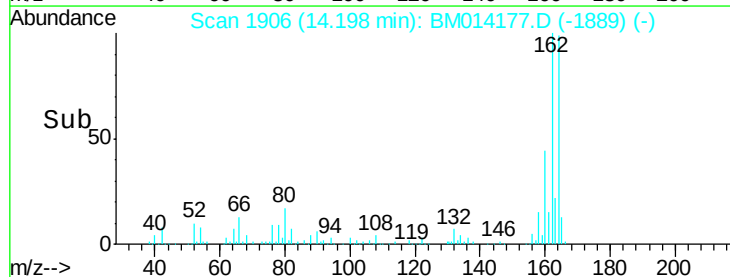
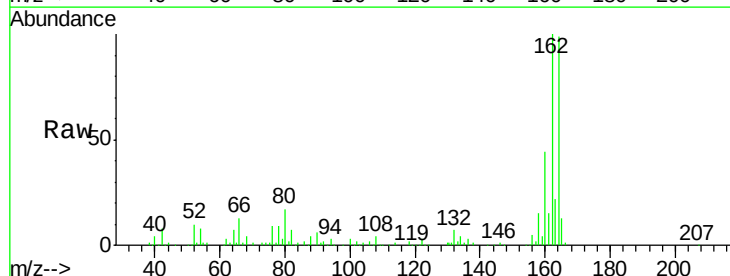
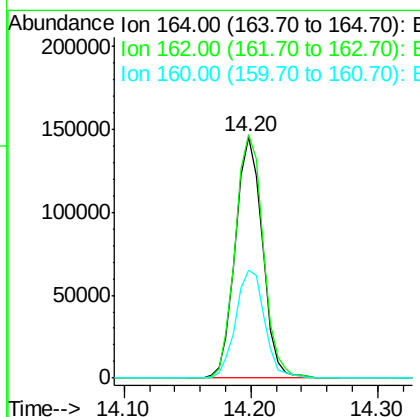
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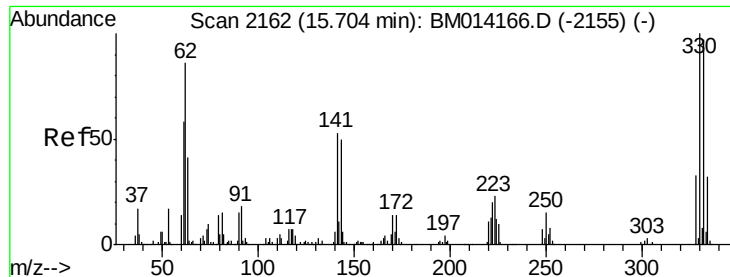
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.20 min Scan# 1906
 Delta R.T. 0.00 min
 Lab File: BM014177.D
 Acq: 08 Feb 2018 00:53

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	214856		
162	100.8	82.4	123.6	
160	44.5	35.8	53.6	





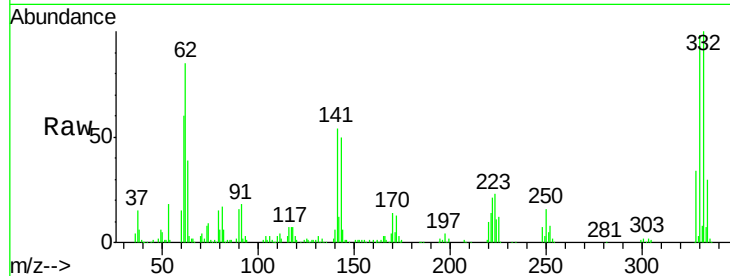
#41
 2,4,6-Tribromophenol
 Concen: 125.27 ng
 RT: 15.70 min Scan# 2162
 Delta R.T. 0.00 min
 Lab File: BM014177.D
 Acq: 08 Feb 2018 00:53

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2018

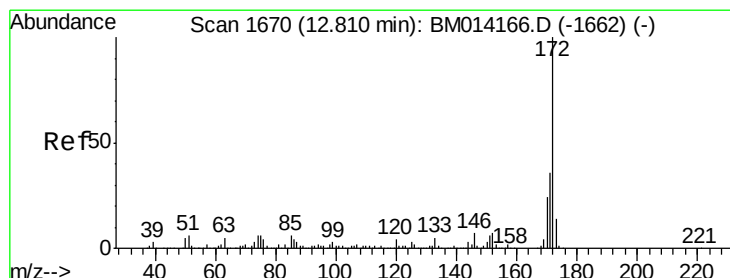
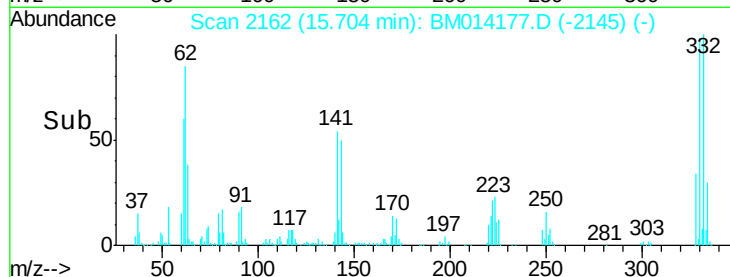
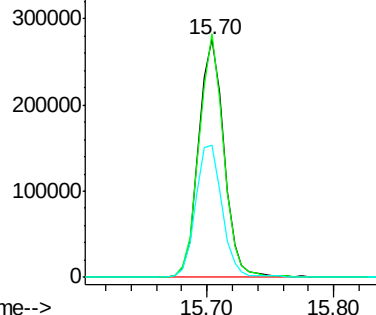
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	381922		
332	98.9	0.0	0.0	0.0
141	58.4	0.0	0.0	0.0

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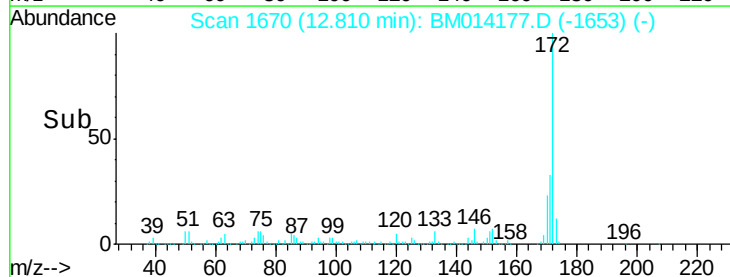
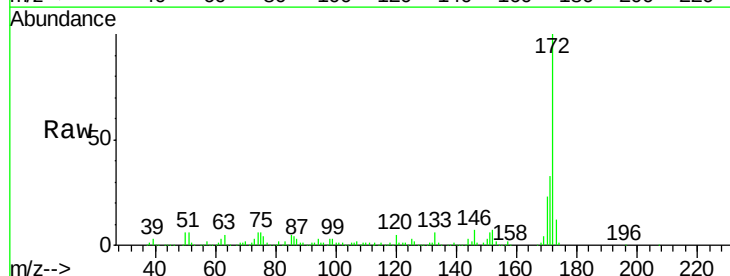
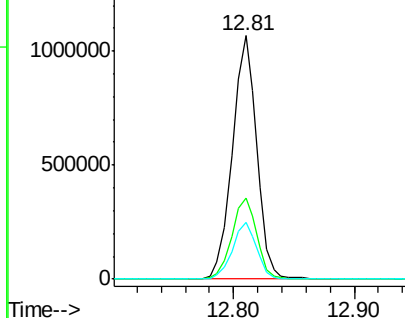
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

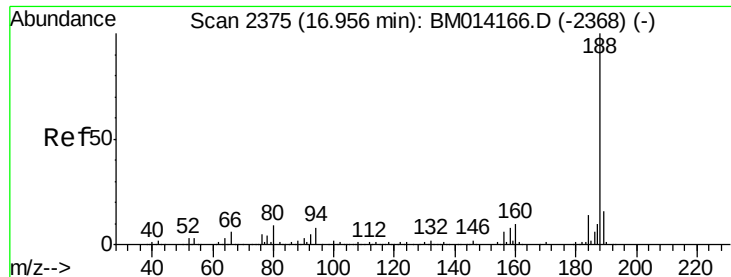


#44
 2-Fluorobiphenyl
 Concen: 87.09 ng
 RT: 12.81 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: BM014177.D
 Acq: 08 Feb 2018 00:53

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1499050		
171	33.4	28.5	42.7	
170	23.1	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





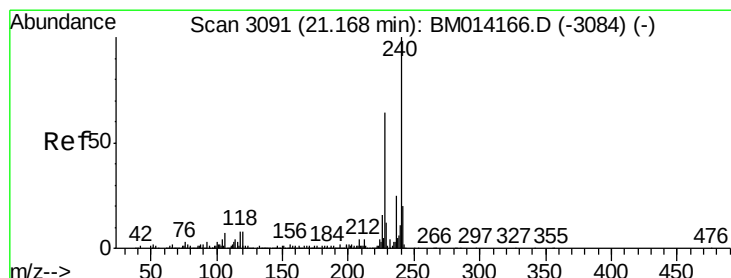
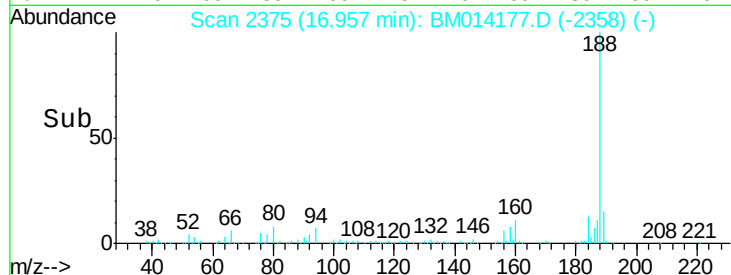
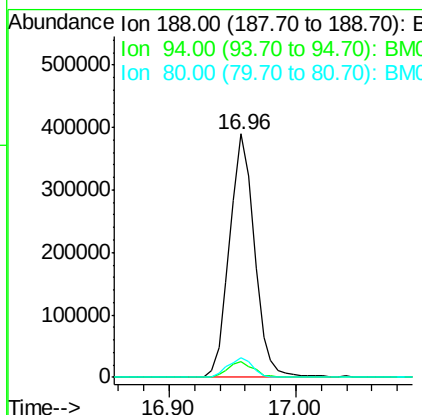
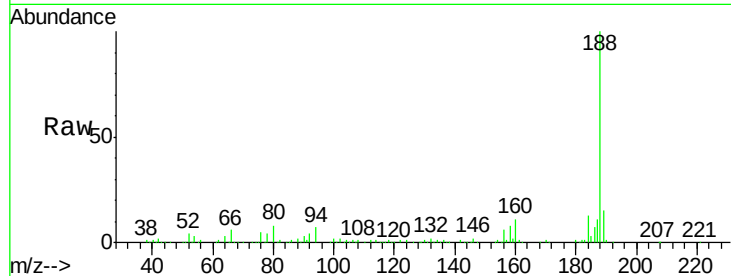
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.96 min Scan# 2375
Delta R.T. 0.00 min
Lab File: BM014177.D
Acq: 08 Feb 2018 00:53

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	6.7	8.7	13.1#
80	8.0	9.3	13.9#

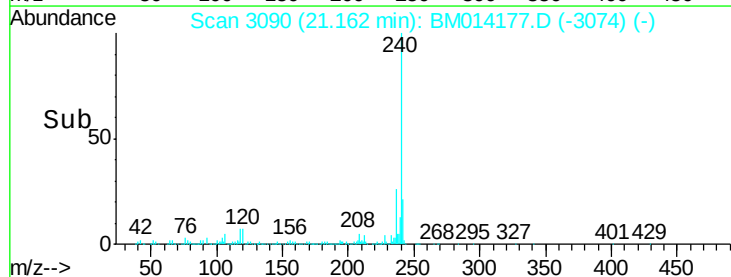
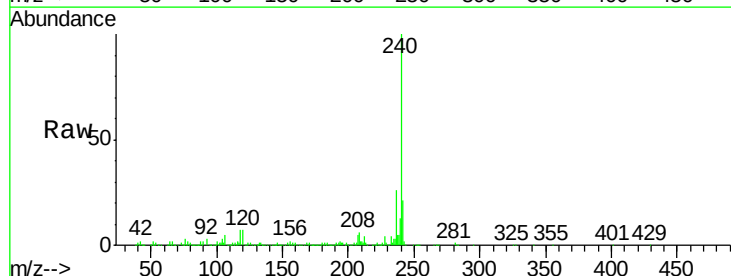
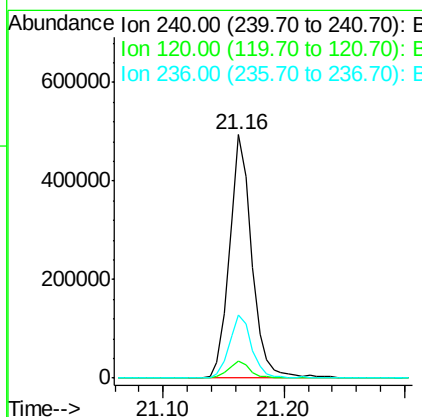
Manual Integrations
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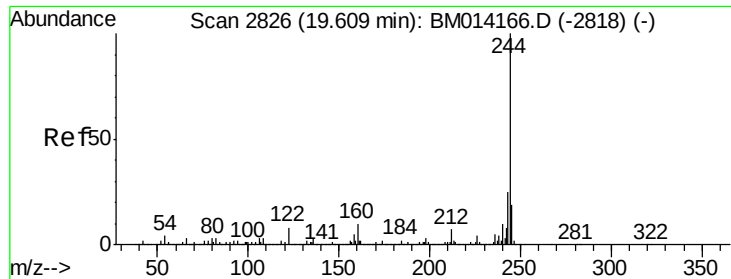
Sohil
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.16 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM014177.D
Acq: 08 Feb 2018 00:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	6.8	8.2	12.2#
236	26.0	20.0	30.0





#78

Terphenyl-d14

Concen: 83.22 ng

RT: 19.60 min Scan# 2825

Delta R.T. 0.00 min

Lab File: BM014177.D

Acq: 08 Feb 2018 00:53

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT1-2018

Tgt Ion:244 Resp: 2709984

Ion Ratio Lower Upper

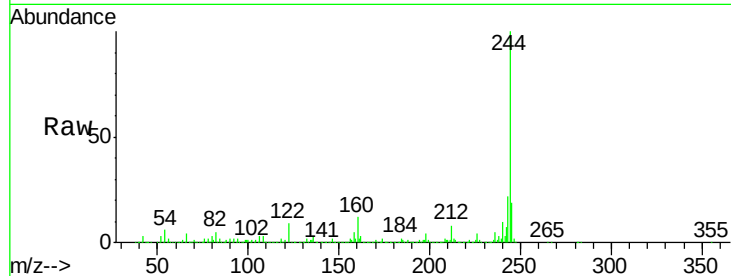
244 100

212 8.3 4.9 7.3#

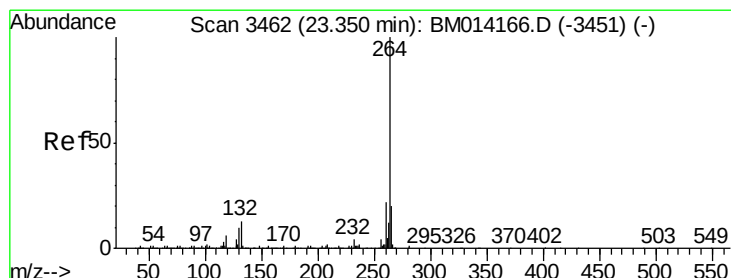
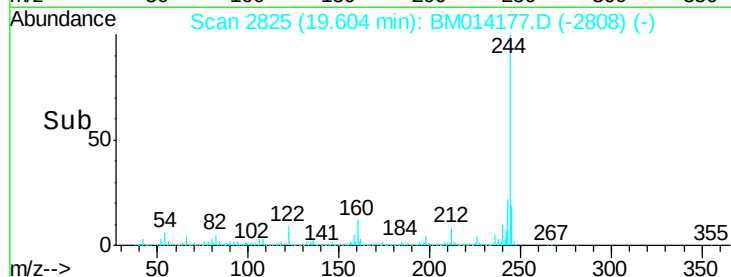
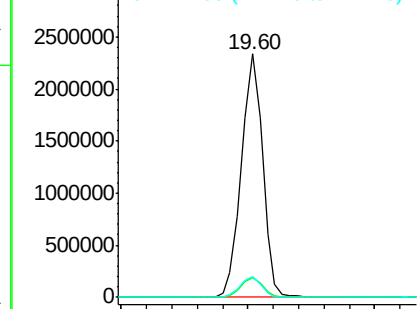
122 8.7 6.2 9.4

Manual Integrations
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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: 20.00 ng

RT: 23.34 min Scan# 3460

Delta R.T. -0.01 min

Lab File: BM014177.D

Acq: 08 Feb 2018 00:53

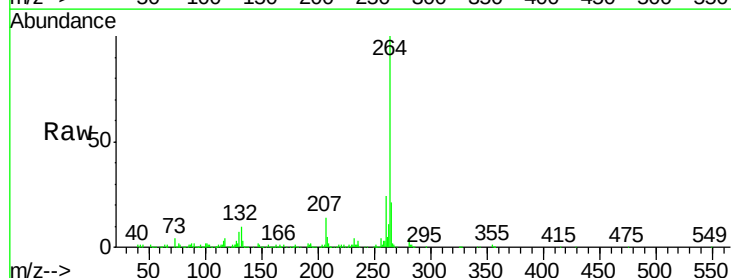
Tgt Ion:264 Resp: 630140

Ion Ratio Lower Upper

264 100

260 24.1 18.6 27.8

265 21.0 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

