

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
 Data File : BM008782.D
 Acq On : 21 Jan 2017 21:17
 Operator : UM/SJ
 Sample : I1323-19
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA9R1

Manual Integrations
 APPROVED

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Quant Time: Jan 23 10:16:24 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 23 03:51:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	59278	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	257777	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.59	164	263645	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.33	188	627459	20.00	ng/ul	0.00
75) Chrysene-d12	21.49	240	824875	20.00	ng/ul	0.00
83) Perylene-d12	23.84	264	701009	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.40	96	1758	1.37	ng/uL	0.00
5) Phenol-d5	7.10	99	32985	6.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.28	67	126468	38.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.48	132	88473	26.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.65	113	61984	16.41	ng/ul	0.00
19) Nitrobenzene-d5	9.12	128	55289	34.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.83	143	65714	38.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.37	165	126504	31.78	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	13.99	166	609152	35.02	ng/ul	0.00
46) Acenaphthylene-d8	14.28	160	737529	35.96	ng/ul	0.00
51) 4-Nitrophenol-d4	14.80	143	98484	34.62	ng/ul	0.04
57) Fluorene-d10	15.57	176	565081	35.23	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.69	200	166798	51.57	ng/ul	0.00
70) Anthracene-d10	17.42	188	984170	36.41	ng/ul	0.00
76) Pyrene-d10	19.71	212	1260045	34.67	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.70	264	1051745	36.78	ng/ul	0.00

Target Compounds

						Qvalue
28) Naphthalene	10.81	128	399879	33.94	ng/ul	98
34) 2-Methylnaphthalene	12.41	142	66277	7.26	ng/ul	94
40) 1,1'-Biphenyl	13.42	154	24157	1.46	ng/ul	90
49) Acenaphthene	14.64	153	152893	10.99	ng/ul	95
53) Dibenzofuran	14.98	168	473426	22.36	ng/ul	89
58) Fluorene	15.63	166	402439	23.19	ng/ul	96
68) Pentachlorophenol	16.97	266	11069	2.42	ng/ul#	86
69) Phenanthrene	17.37	178	117122	3.88	ng/ul	97
72) Carbazole	17.73	167	214903	7.78	ng/ul#	93
74) Fluoranthene	19.37	202	60924	1.57	ng/ul#	93

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

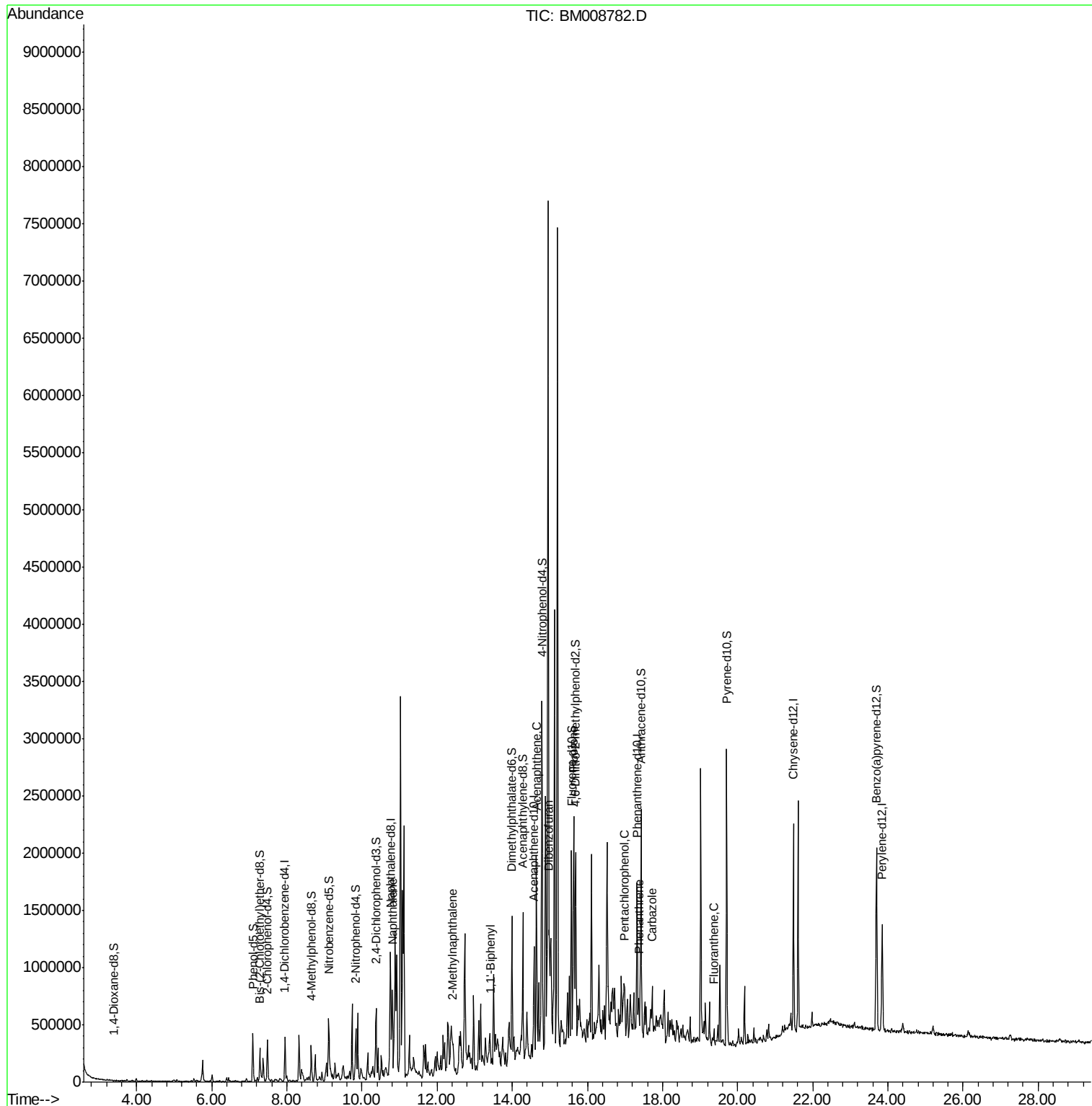
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
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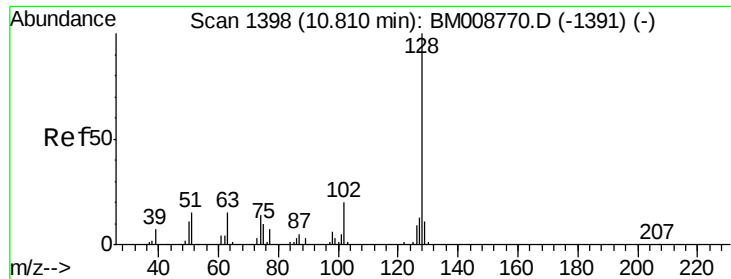
Instrument :
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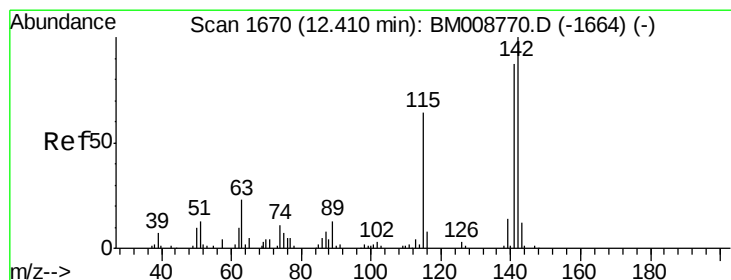
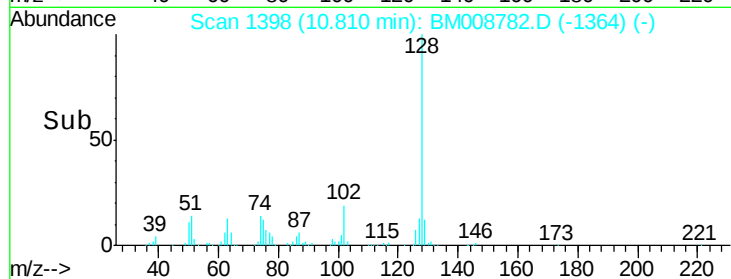
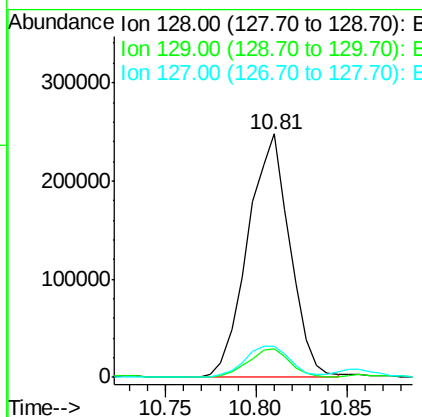
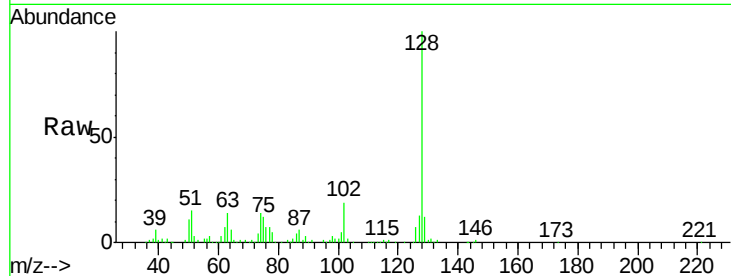
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Naphthalene
Concen: 33.94 ng/ul
RT: 10.81 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BM008782.D
Acq: 21 Jan 2017 21:17

Instrument :
BNA_M
ClientSampleId :
DA9R1

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	399879		
129	11.6	8.3	12.5	
127	12.7	10.6	16.0	

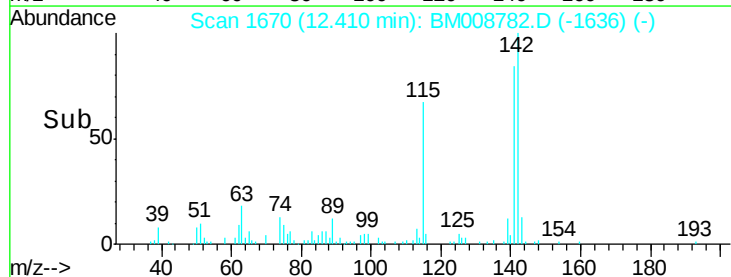
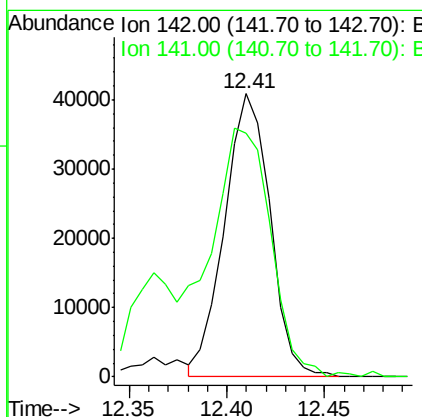
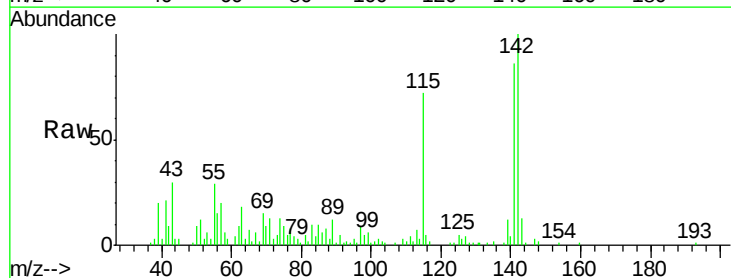
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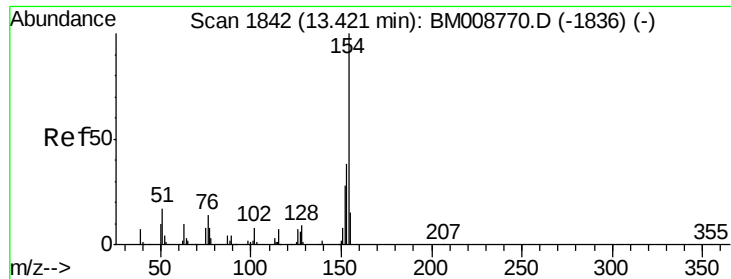
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#34
2-Methylnaphthalene
Concen: 7.26 ng/ul
RT: 12.41 min Scan# 1670
Delta R.T. 0.00 min
Lab File: BM008782.D
Acq: 21 Jan 2017 21:17

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	66277		
141	85.9	73.0	109.4	





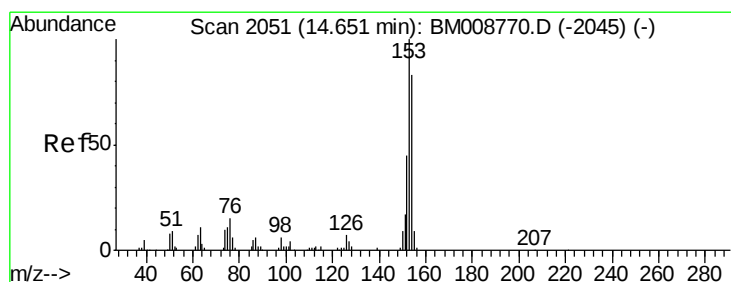
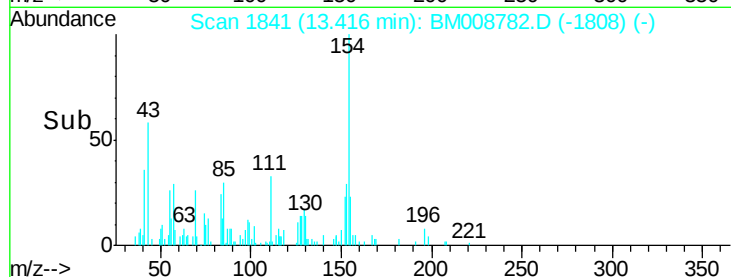
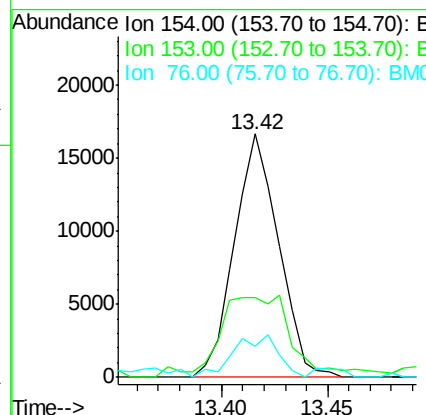
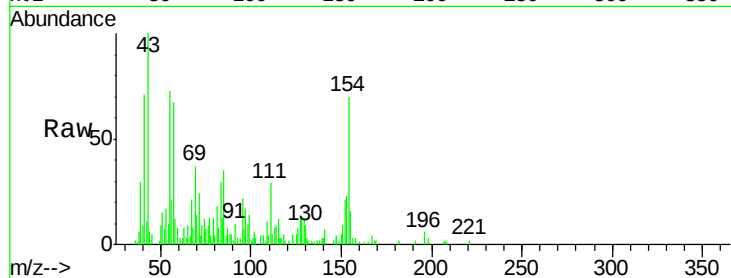
#40
1,1'-Biphenyl
Concen: 1.46 ng/ul
RT: 13.42 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BM008782.D
Acq: 21 Jan 2017 21:17

Instrument :
BNA_M
ClientSampleId :
DA9R1

Tgt Ion:	154	Resp:	24157
Ion Ratio	Lower	Upper	
154	100		
153	33.0	32.2	48.4
76	13.0	9.8	14.6

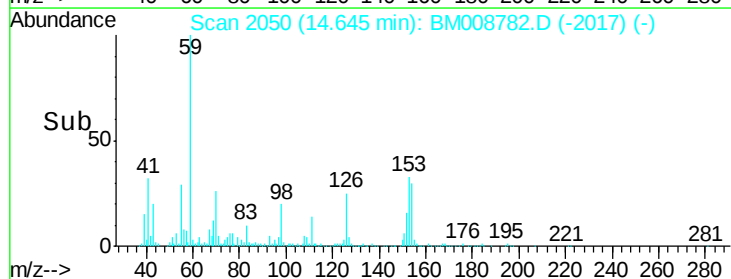
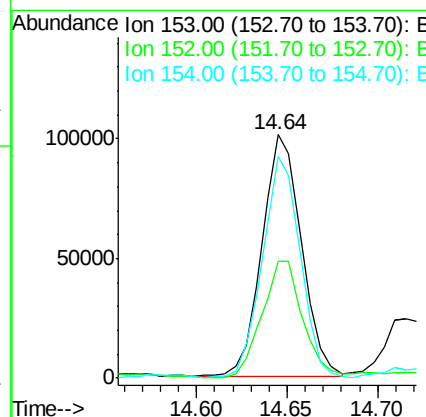
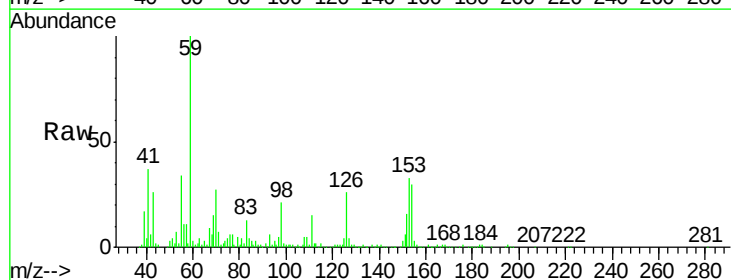
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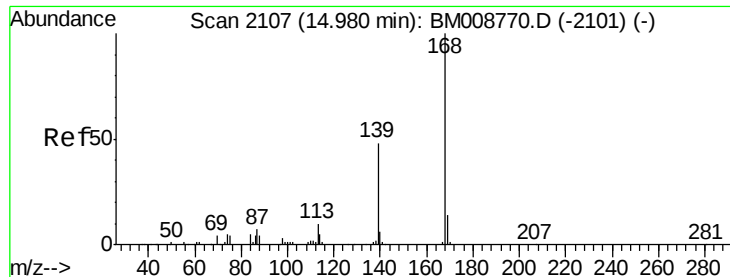
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#49
Acenaphthene
Concen: 10.99 ng/ul
RT: 14.64 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BM008782.D
Acq: 21 Jan 2017 21:17

Tgt Ion:	153	Resp:	152893
Ion Ratio	Lower	Upper	
153	100		
152	47.8	36.4	54.6
154	91.3	68.7	103.1





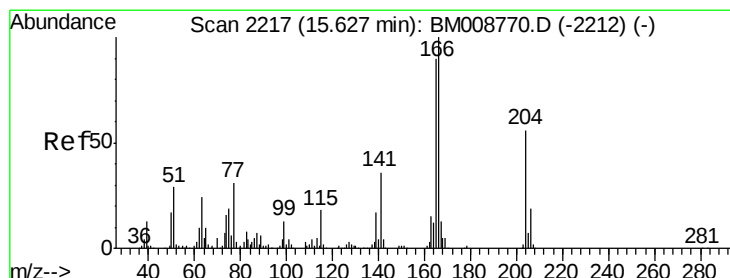
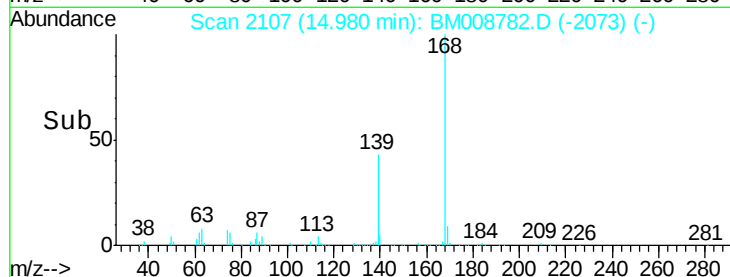
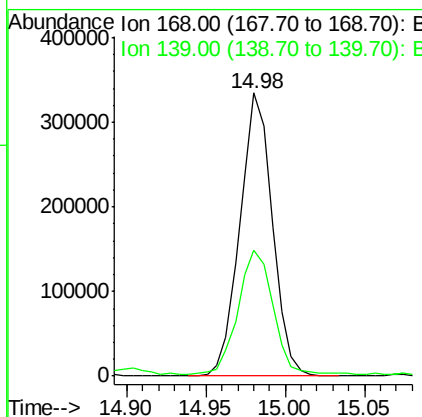
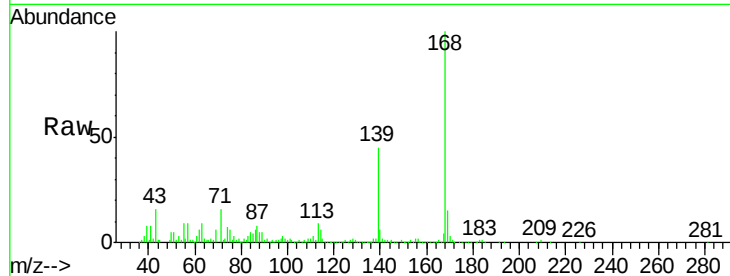
#53
Dibenzenofuran
Concen: 22.36 ng/ul
RT: 14.98 min Scan# 2107
Delta R.T. 0.00 min
Lab File: BM008782.D
Acq: 21 Jan 2017 21:17

Instrument :
BNA_M
ClientSampled :
DA9R1

Tgt Ion	Ratio	Lower	Upper
168	100		
139	44.6	30.3	45.5

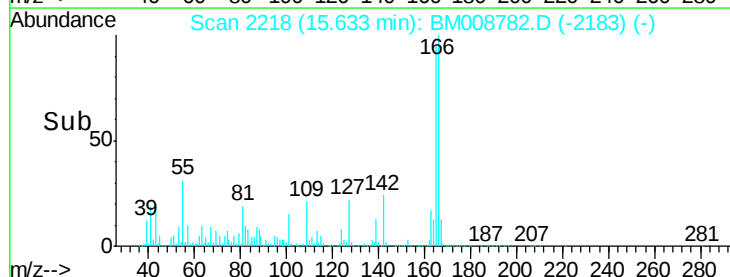
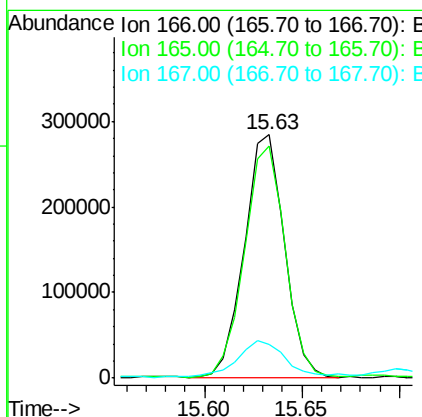
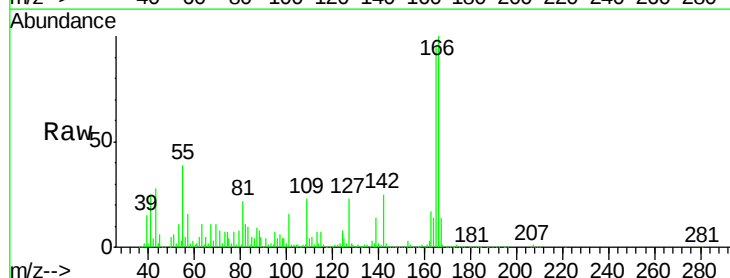
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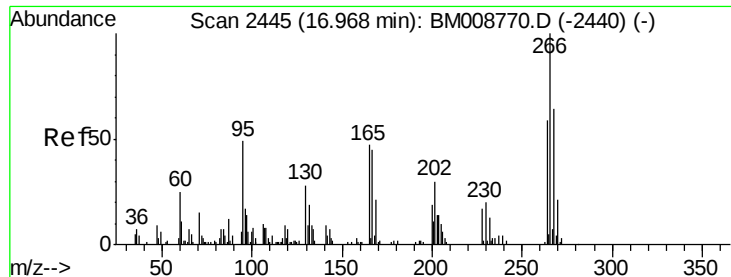
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#58
Fluorene
Concen: 23.19 ng/ul
RT: 15.63 min Scan# 2218
Delta R.T. 0.01 min
Lab File: BM008782.D
Acq: 21 Jan 2017 21:17

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.3	80.2	120.2
167	13.9	10.9	16.3





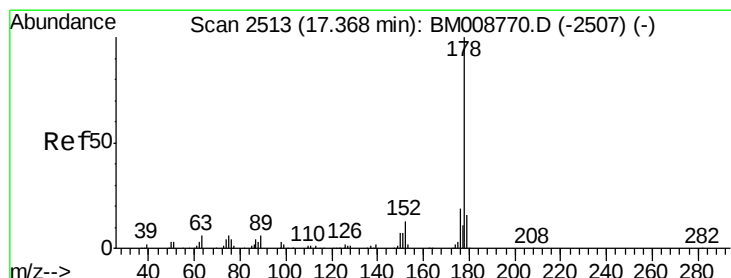
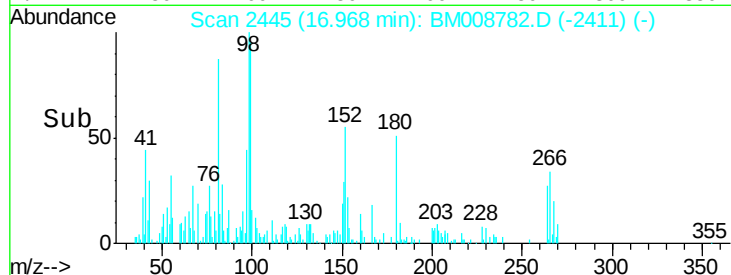
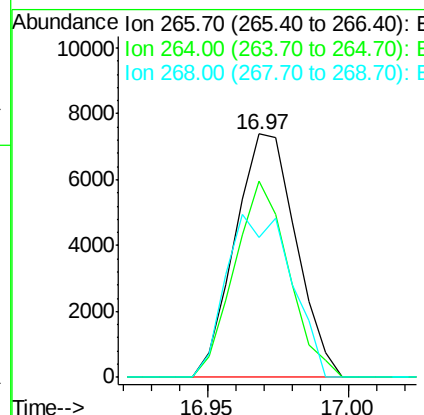
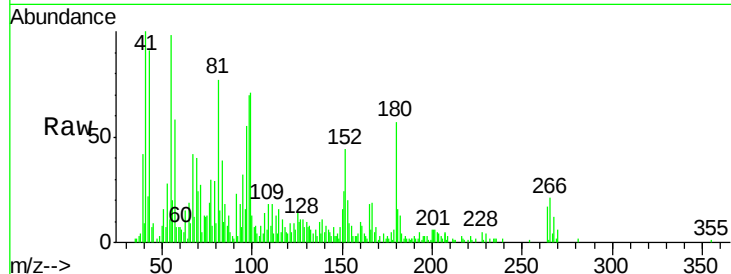
#68
 Pentachlorophenol
 Concen: 2.42 ng/ul
 RT: 16.97 min Scan# 2445
 Delta R.T. 0.00 min
 Lab File: BM008782.D
 Acq: 21 Jan 2017 21:17

Instrument :
 BNA_M
 ClientSampled :
 DA9R1

Tgt Ion	Ratio	Lower	Upper
266	100		
264	80.6	50.6	75.8
268	57.3	49.1	73.7

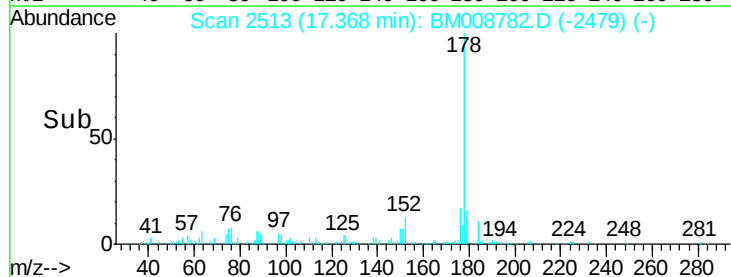
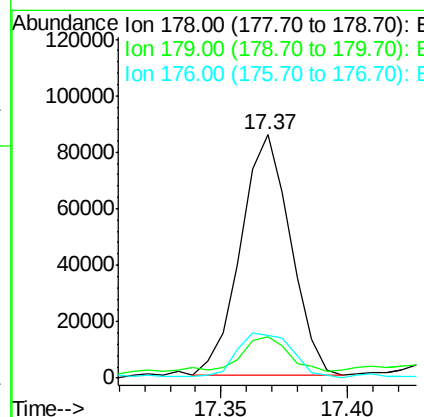
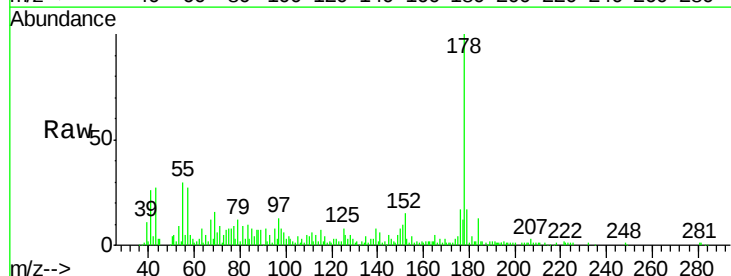
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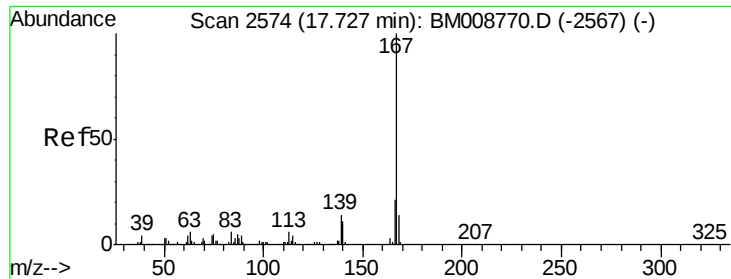
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#69
 Phenanthrene
 Concen: 3.88 ng/ul
 RT: 17.37 min Scan# 2513
 Delta R.T. 0.00 min
 Lab File: BM008782.D
 Acq: 21 Jan 2017 21:17

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.2	18.2
176	17.3	14.7	22.1





#72

Carbazole

Concen: 7.78 ng/ul

RT: 17.73 min Scan# 2574

Delta R.T. 0.00 min

Lab File: BM008782.D

Acq: 21 Jan 2017 21:17

Instrument :

BNA_M

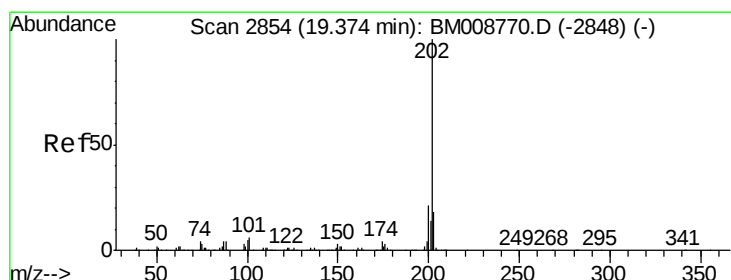
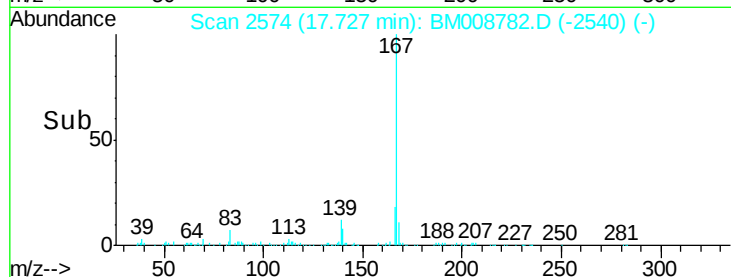
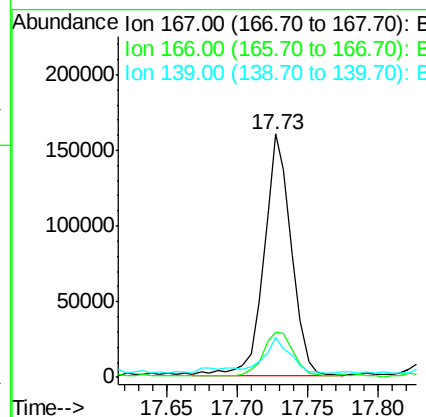
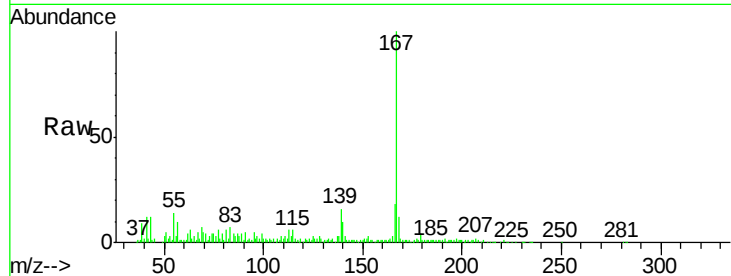
ClientSampleId :

DA9R1

Tgt Ion:	167	Resp:	214903
Ion Ratio	Lower	Upper	
167	100		
166	18.3	16.8	25.2
139	16.4	10.4	15.6#

Manual Integrations
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#74

Fluoranthene

Concen: 1.57 ng/ul

RT: 19.37 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BM008782.D

Acq: 21 Jan 2017 21:17

Tgt Ion:	202	Resp:	60924
Ion Ratio	Lower	Upper	
202	100		
101	11.4	7.1	10.7#
100	8.7	5.4	8.0#

