

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
 Data File : BM012998.D
 Acq On : 17 Nov 2017 13:31
 Operator : SJ/JU
 Sample : I6361-15
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE2R7

Manual Integrations
 APPROVED

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 11/20/2017 4:30:18 PM

Quant Time: Nov 17 22:45:34 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 17 22:17:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	147321	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	592057	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.36	164	373001	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.11	188	833357	20.00	ng/ul	0.00
75) Chrysene-d12	21.29	240	904534	20.00	ng/ul	0.00
83) Perylene-d12	23.53	264	921005	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	30040	9.45	ng/uL	0.00
5) Phenol-d5	6.92	99	107886	8.45	ng/ul	0.03
7) Bis-(2-Chloroethyl)ether-d	7.06	67	237661	32.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	289723	28.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	198240	18.96	ng/ul	0.01
19) Nitrobenzene-d5	8.87	128	165830	39.30	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	177247	44.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	340769	33.45	ng/ul	0.01
29) 4-Chloroaniline-d4	10.63	131	17325m	1.63	ng/ul	0.00
43) Dimethylphthalate-d6	13.78	166	1176086	35.95	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	1417201	33.99	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	52407m	10.56	ng/ul	0.04
57) Fluorene-d10	15.36	176	990678	35.63	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	172234	47.67	ng/ul	0.00
70) Anthracene-d10	17.21	188	1569130	36.78	ng/ul	0.00
76) Pyrene-d10	19.50	212	1701615	36.82	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.39	264	1792723	38.38	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.29	88	42193	12.076	ng/uL#	66
6) Phenol	6.95	94	102644	8.150	ng/ul#	73
8) Bis(2-Chloroethyl)ether	7.16	93	41825	4.411	ng/ul	89
21) Isophorone	9.45	82	59514	2.755	ng/ul#	67
24) 2,4-Dimethylphenol	9.70	107	386232	33.614	ng/ul	89
28) Naphthalene	10.56	128	393840	12.910	ng/ul	99
30) 4-Chloroaniline	10.62	127	66996	6.559	ng/ul	96
44) Dimethylphthalate	13.83	163	53858	1.721	ng/ul#	91
56) Diethylphthalate	15.20	149	517994	16.376	ng/ul	100

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

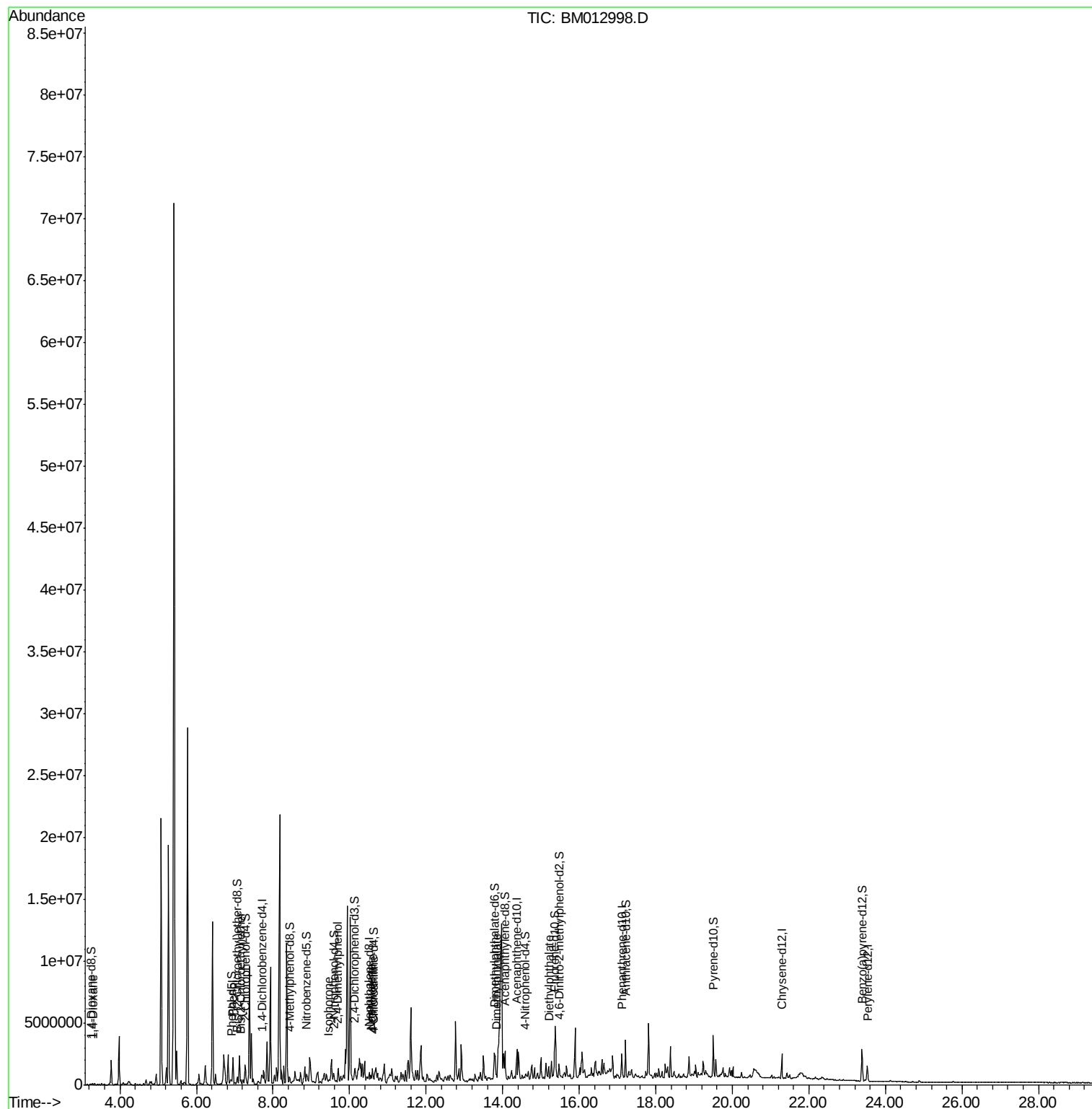
Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
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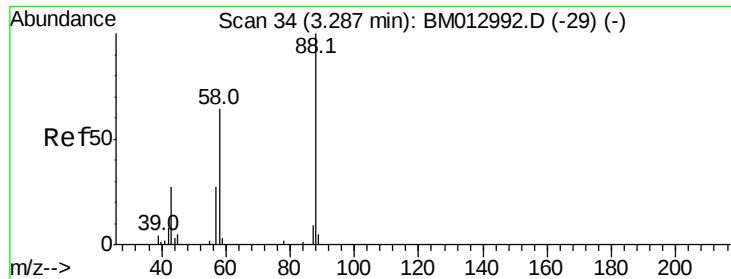
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BNA_M
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BE2R7

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Quant Title : SVOA CALIBRATION
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#2

1,4-Dioxane

Concen: 12.076 ng/uL

RT: 3.29 min Scan# 34

Delta R.T. 0.00 min

Lab File: BM012998.D

Acq: 17 Nov 2017 13:31

Instrument :

BNA_M

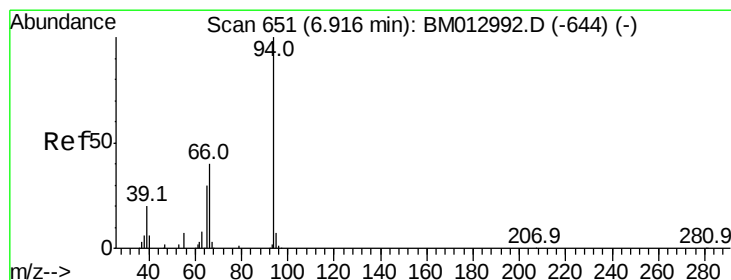
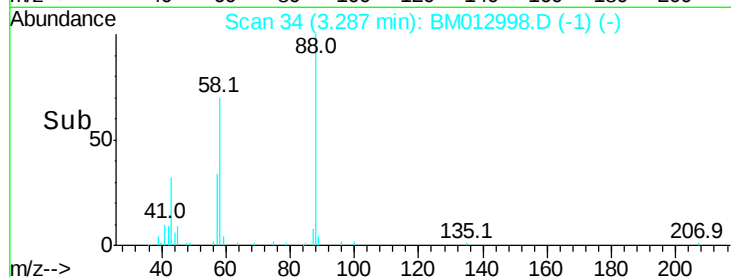
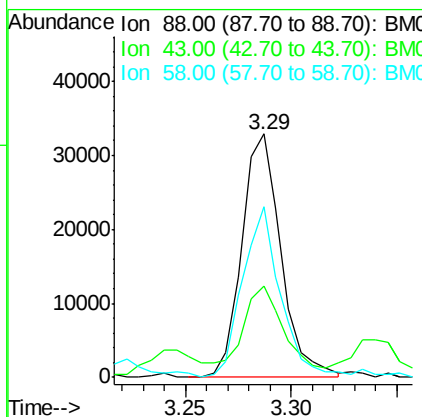
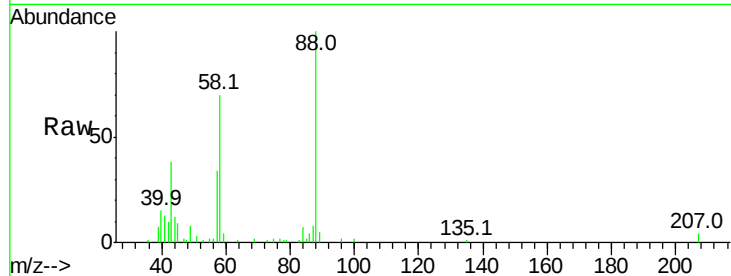
ClientSampleId :

BE2R7

Tot Ion:	88	Resp:	42193
Ion Ratio	Lower	Upper	
88	100		
43	32.3	48.0	72.0#
58	68.2	80.0	120.0#

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#6

Phenol

Concen: 8.150 ng/uL

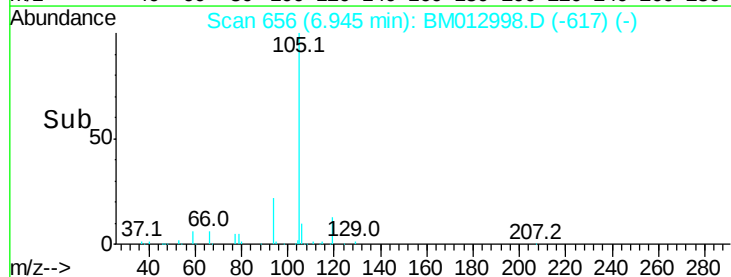
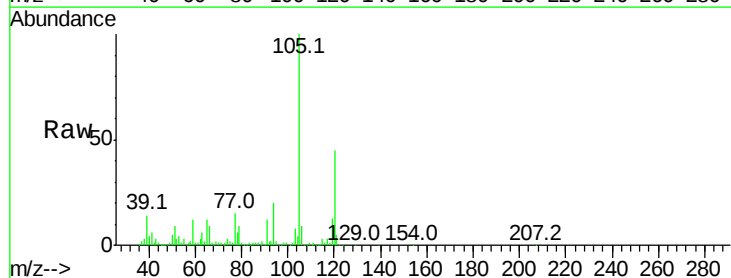
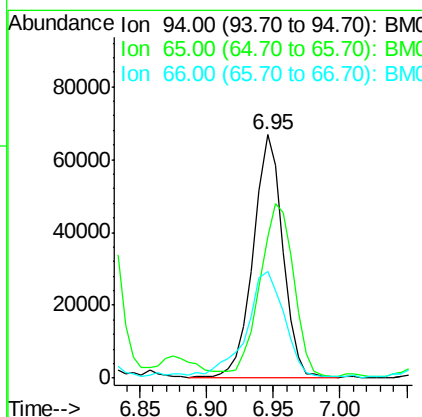
RT: 6.95 min Scan# 656

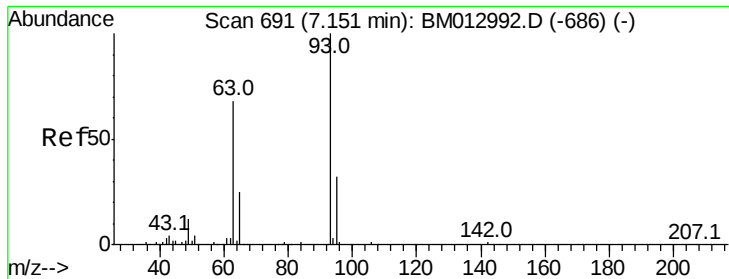
Delta R.T. 0.03 min

Lab File: BM012998.D

Acq: 17 Nov 2017 13:31

Tgt Ion:	94	Resp:	102644
Ion Ratio	Lower	Upper	
94	100		
65	58.2	28.2	42.4#
66	43.9	47.2	70.8#





#8

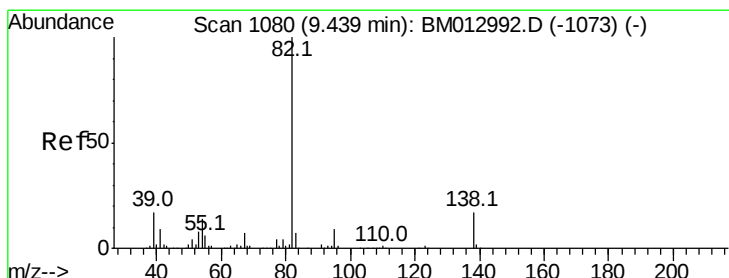
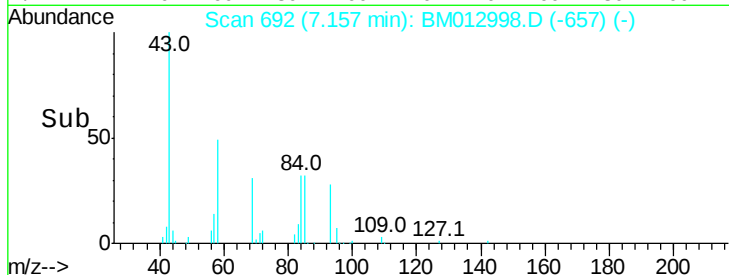
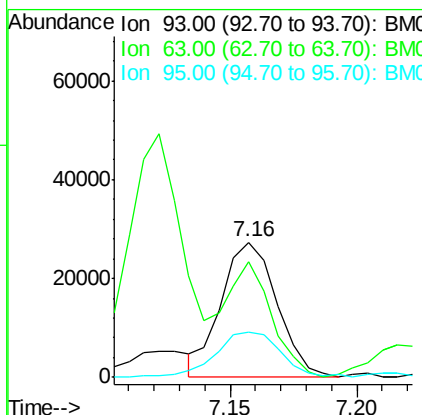
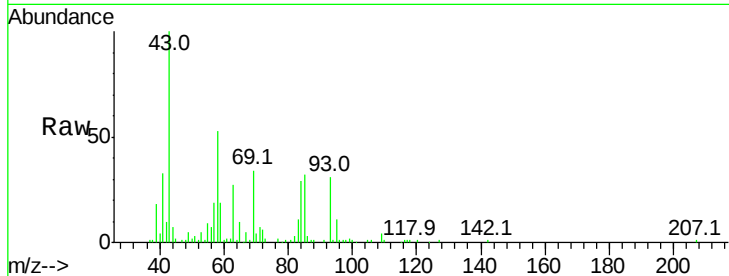
Bis(2-Chloroethyl)ether
Concen: 4.411 ng/ul
RT: 7.16 min Scan# 692
Delta R.T. 0.01 min
Lab File: BM012998.D
Acq: 17 Nov 2017 13:31

Instrument :
BNA_M
ClientSampled :
BE2R7

Tot Ion	Ratio	Lower	Upper
93	100		
63	85.2	57.3	85.9
95	33.7	26.6	39.8

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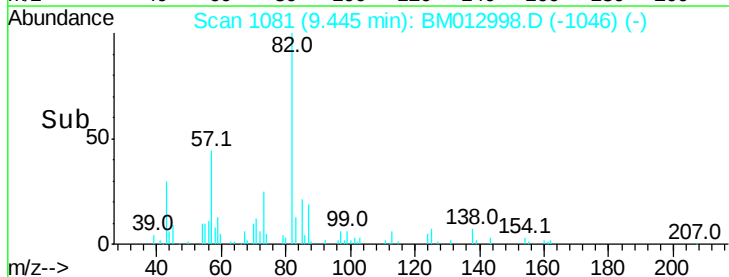
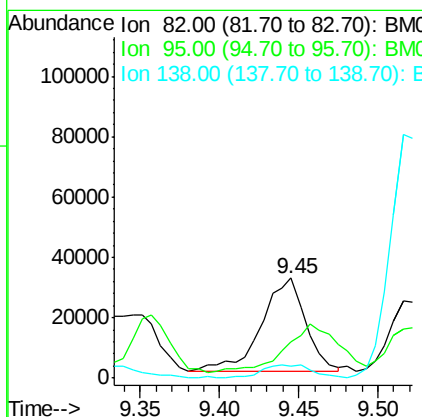
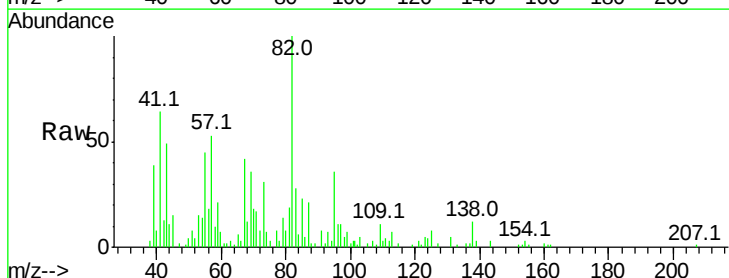
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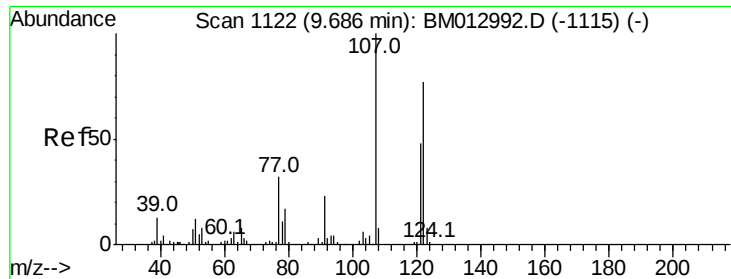


#21

Isophorone
Concen: 2.755 ng/ul
RT: 9.45 min Scan# 1081
Delta R.T. 0.01 min
Lab File: BM012998.D
Acq: 17 Nov 2017 13:31

Tgt Ion	Ratio	Lower	Upper
82	100		
95	35.9	7.8	11.8#
138	11.7	11.9	17.9#





#24

2,4-Dimethylphenol

Concen: 33.614 ng/ul

RT: 9.70 min Scan# 1124

Delta R.T. 0.01 min

Lab File: BM012998.D

Acq: 17 Nov 2017 13:31

Instrument :

BNA_M

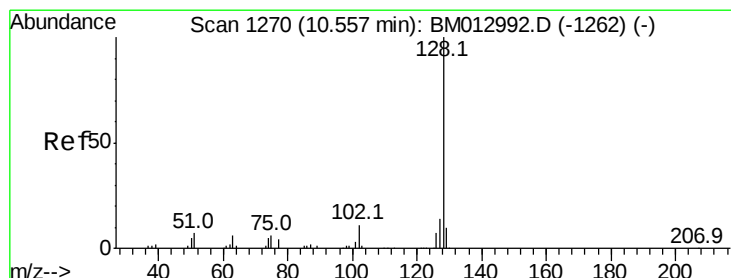
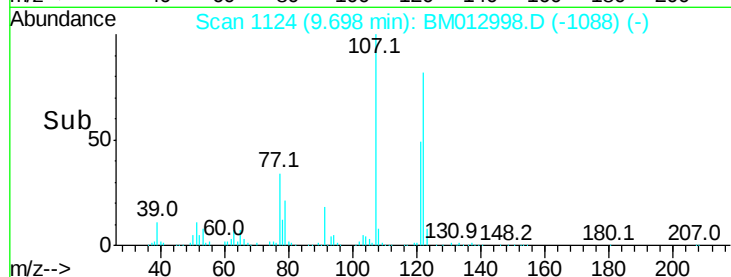
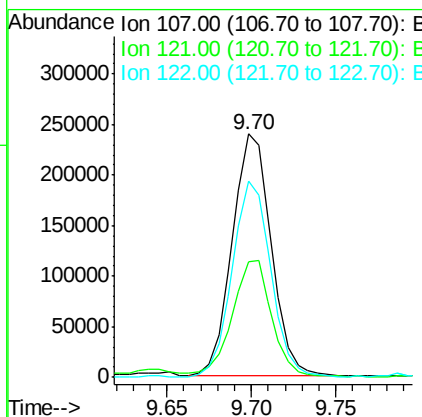
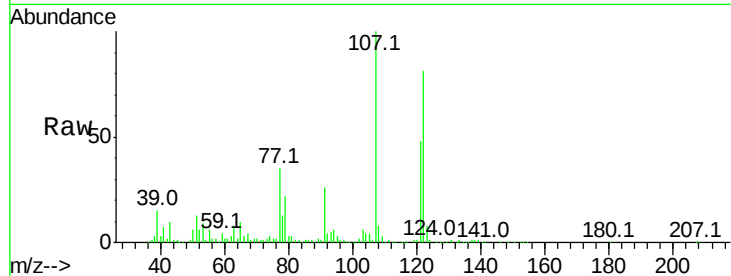
ClientSampleId :

BE2R7

Tot Ion:	107	Resp:	386232
Ion Ratio	Lower	Upper	
107	100		
121	47.7	31.9	47.9
122	80.7	57.8	86.6

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#28

Naphthalene

Concen: 12.910 ng/ul

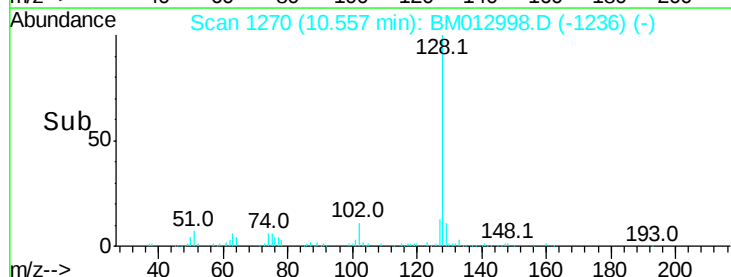
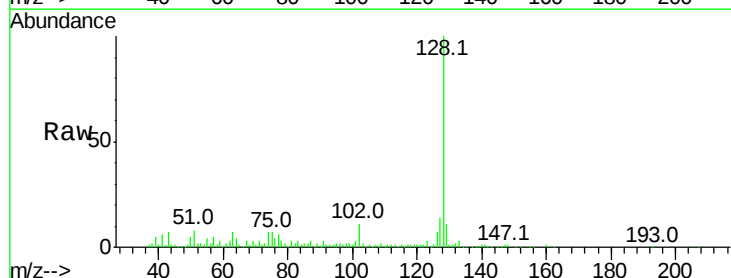
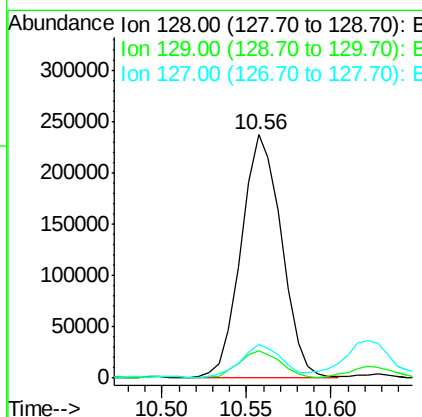
RT: 10.56 min Scan# 1270

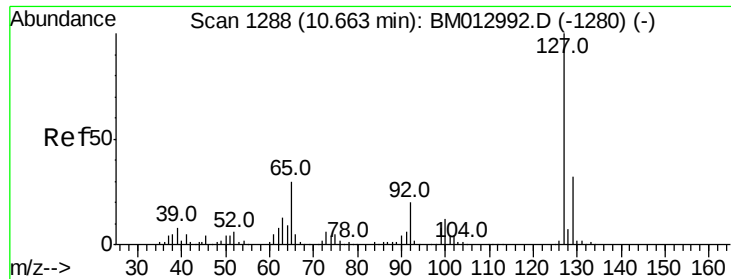
Delta R.T. 0.00 min

Lab File: BM012998.D

Acq: 17 Nov 2017 13:31

Tgt Ion:	128	Resp:	393840
Ion Ratio	Lower	Upper	
128	100		
129	11.0	8.8	13.2
127	13.9	10.6	16.0





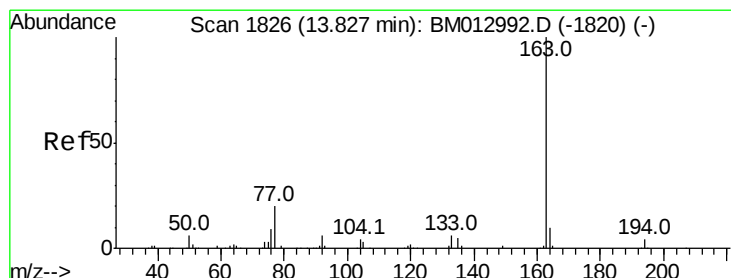
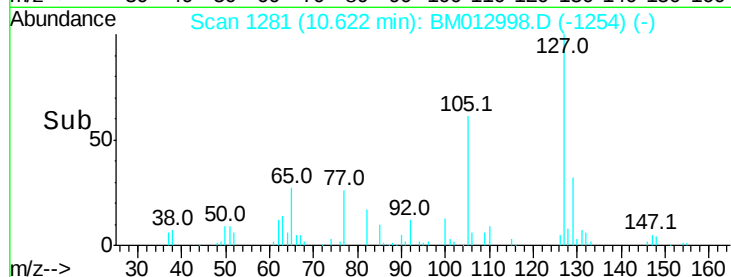
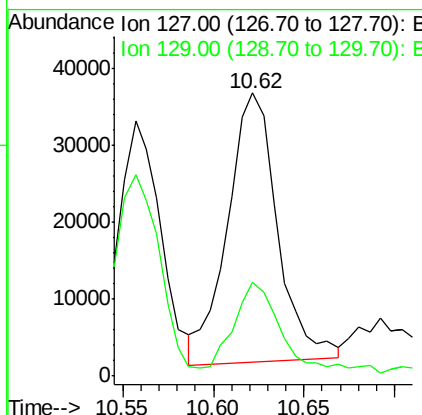
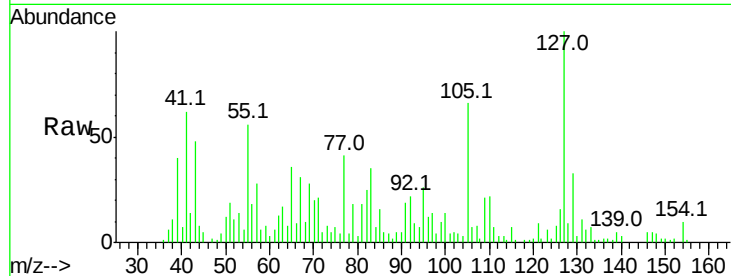
#30
4-Chloroaniline
Concen: 6.559 ng/ul
RT: 10.62 min Scan# 1281
Delta R.T. -0.04 min
Lab File: BM012998.D
Acq: 17 Nov 2017 13:31

Instrument :
BNA_M
ClientSampleId :
BE2R7

Tot Ion:127 Resp: 66996
Ion Ratio Lower Upper
127 100
129 33.0 28.4 42.6

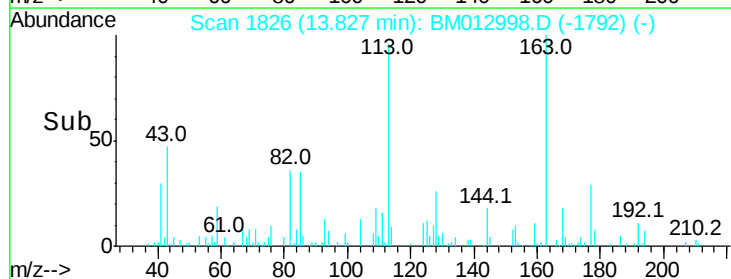
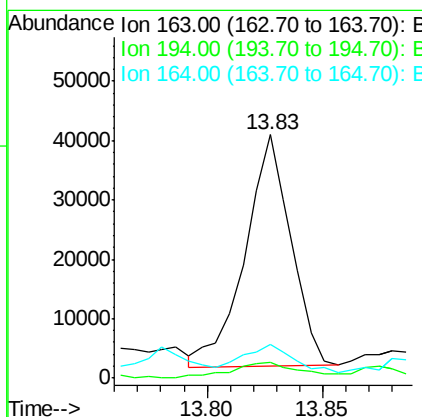
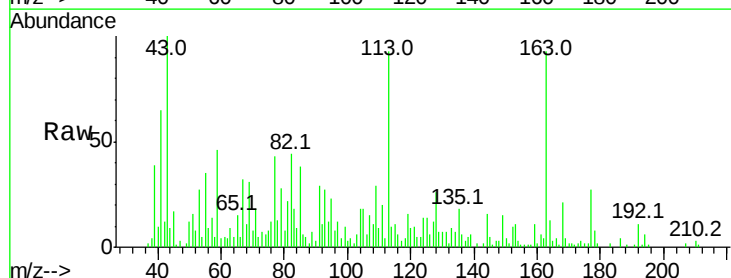
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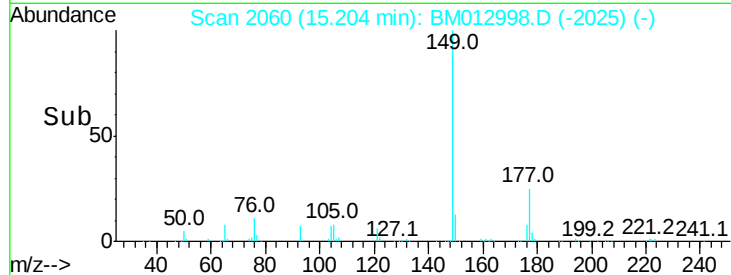
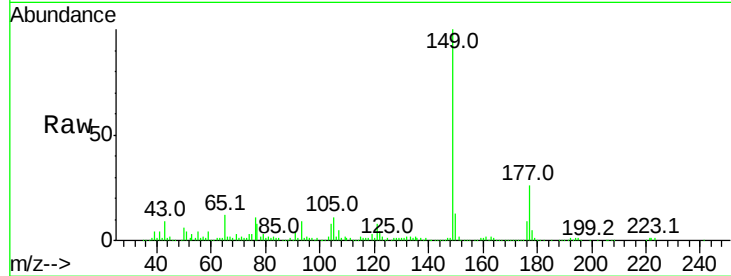
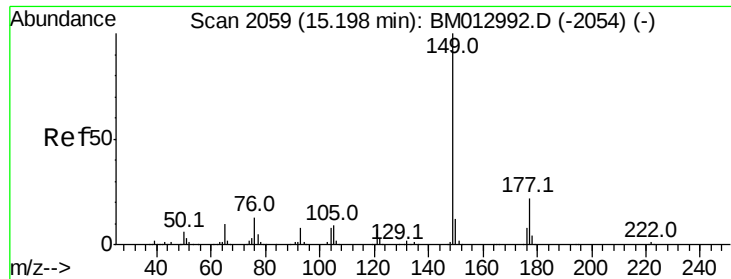
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#44
Dimethylphthalate
Concen: 1.721 ng/ul
RT: 13.83 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BM012998.D
Acq: 17 Nov 2017 13:31

Tgt Ion:163 Resp: 53858
Ion Ratio Lower Upper
163 100
194 6.6 3.5 5.3#
164 13.8 8.2 12.4#





#56
 Diethylphthalate
 Concen: 16.376 ng/ul
 RT: 15.20 min Scan# 2060
 Delta R.T. 0.01 min
 Lab File: BM012998.D
 Acq: 17 Nov 2017 13:31

Instrument :
 BNA_M
 ClientSampleId :
 BE2R7

Tot Ion	Ratio	Resp Lower	Upper
149	100		
177	25.7	20.5	30.7
150	13.3	10.6	15.8

Manual Integrations
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