Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012818\

Quantitation Report (Not Reviewed)

Data File : BM013938.D
Acq On : 29 Jan 2018 00:38
Operator : SJ/JU
Sample : J1233-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Jan 29 04:05:15 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 29 04:03:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	139256	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	552316	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	318554	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	649879	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	683346	20.00	ng/ul	0.00
83) Perylene-d12	23.37	264	721069	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	12281	3.49	ng/uL	0.00
5) Phenol-d5	6.76	99	273064	25.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	171000	26.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	235624	27.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	221271	26.92	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	116504	27.18	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	131821	29.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	246793	28.21	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	178308	23.49	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	744812	28.37	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	922204	27.54	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	77127	18.08	ng/ul	0.00
57) Fluorene-d10	15.23	176	633381	27.43	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	90825	23.22	ng/ul	0.00
70) Anthracene-d10	17.09	188	941481	29.74	ng/ul	0.00
76) Pyrene-d10	19.39	212	1044347	32.82	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.23	264	1015874	30.65	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.79	94	39692	3.70	ng/ul	94
17) Hexachloroethane	8.67	117	5385	1.27	ng/ul#	1
28) Naphthalene	10.40	128	3872920	140.95	ng/ul	100
30) 4-Chloroaniline	10.40	127	502793	66.81	ng/ul#	23
34) 2-Methylnaphthalene	12.03	142	2581684	126.02	ng/ul	96
40) 1,1'-Biphenyl	13.05	154	556642	20.99	ng/ul	98
44) Dimethylphthalate	13.70	163	231417	8.96	ng/ul	98
47) Acenaphthylene	13.95	152	35171	1.15	ng/ul#	65
49) Acenaphthene	14.30	153	1267683	59.75	ng/ul	98
53) Dibenzofuran	14.63	168	2052325	64.30	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	14.87	232	7396	1.11	ng/ul#	68
58) Fluorene	15.29	166	1533221	58.65	ng/ul	99
64) N-Nitrosodiphenylamine	15.50	169	28262	1.48	ng/ul	96
68) Pentachlorophenol	16.64	266	97387	22.18	ng/ul	99
69) Phenanthrene	17.04	178	8923498	247.02	ng/ul	99
71) Anthracene	17.12	178	1330977	35.72	ng/ul	99
72) Carbazole	17.40	167	182637	5.94	ng/ul	99
74) Fluoranthene	19.06	202	5287860	122.63	ng/ul#	95
77) Pyrene	19.42	202	3281056	78.98	ng/ul#	97
80) Benzo(a)anthracene	21.17	228	802969	19.45	ng/ul	97
82) Chrysene	21.22	228	633874	16.73	ng/ul	96
85) Benzo(b)fluoranthene	22.72	252	412627	9.32	ng/ul#	97
86) Benzo(k)fluoranthene	22.72	252	412627	9.64	ng/ul#	99

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012818\

Quantitation Report (Not Reviewed)

Data File : BM013938.D
Acq On : 29 Jan 2018 00:38
Operator : SJ/JU
Sample : J1233-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Jan 29 04:05:15 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 29 04:03:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) Benzo(a)pyrene	23.28	252	235395	5.63	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.56	276	79290	1.61	ng/ul#	93
91) Benzo(g,h,i)perylene	26.23	276	62901	1.55	ng/ul	93

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

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012818\

Quantitation Report (Not Reviewed)

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Operator : SJ/JU
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ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 29 04:03:39 2018
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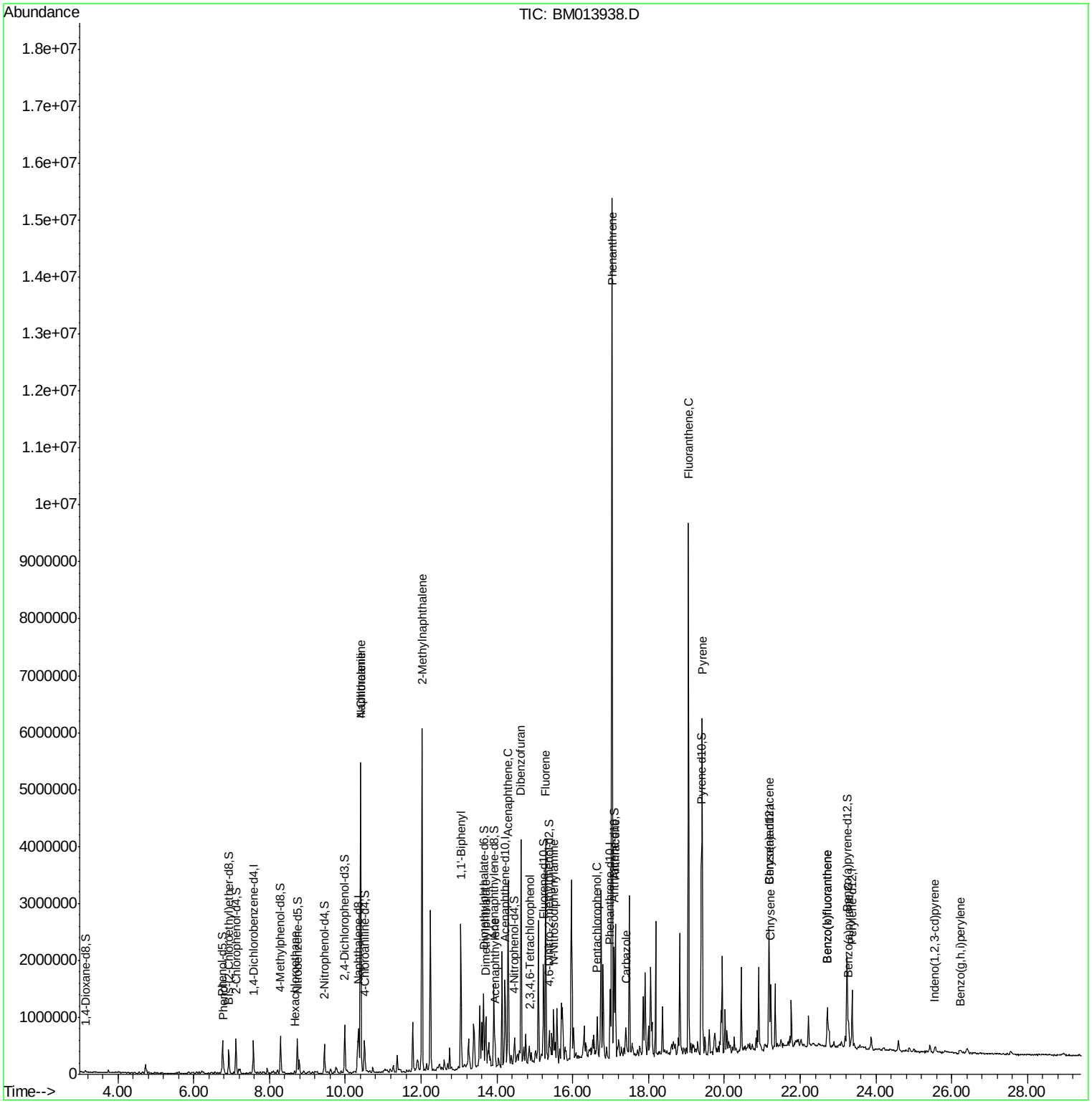
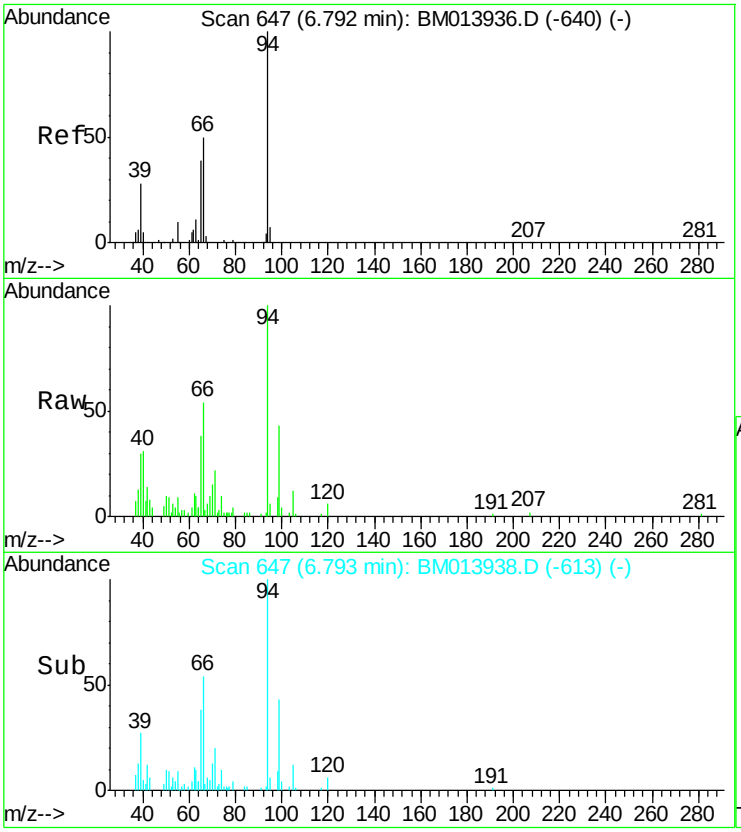


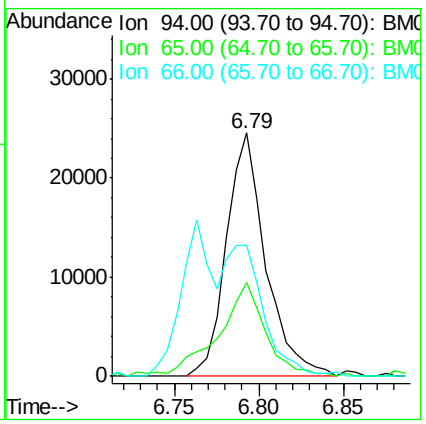


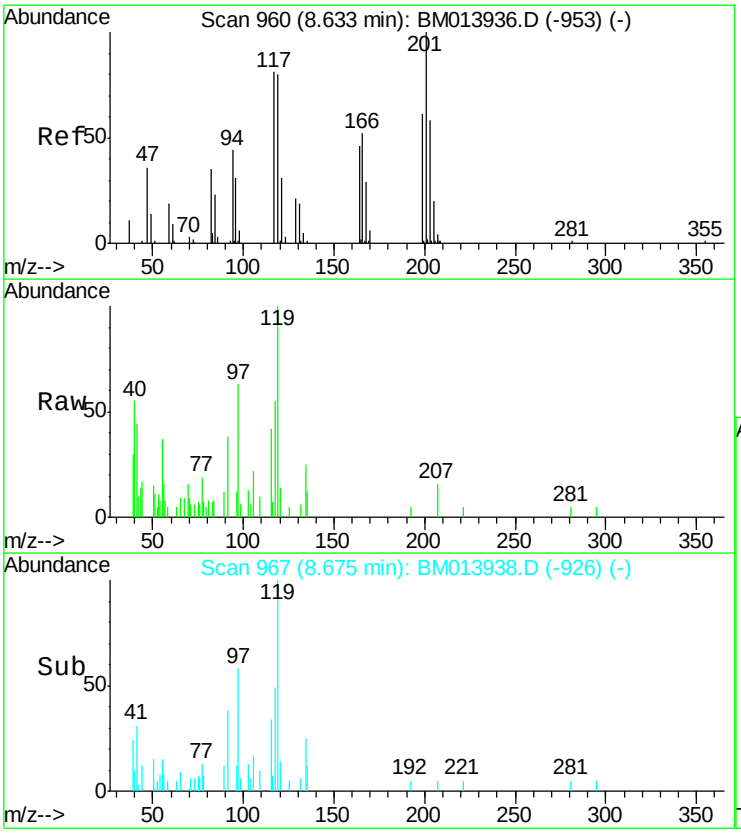
#6
Phenol
Concen: 3.70 ng/ul
RT: 6.79 min Scan# 647
Delta R.T. 0.00 min
Lab File: BM013938.D
Acq: 29 Jan 2018 00:38

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 39692

Ion	Ratio	Lower	Upper
94	100		
65	38.3	28.2	42.4
66	53.9	47.2	70.8

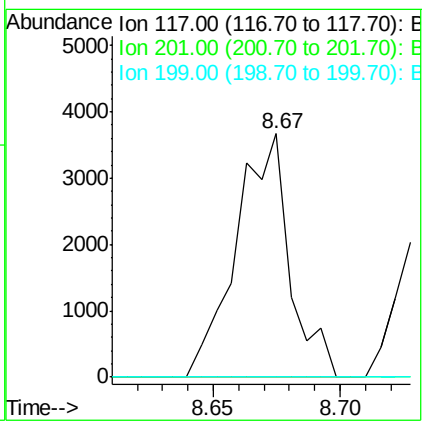


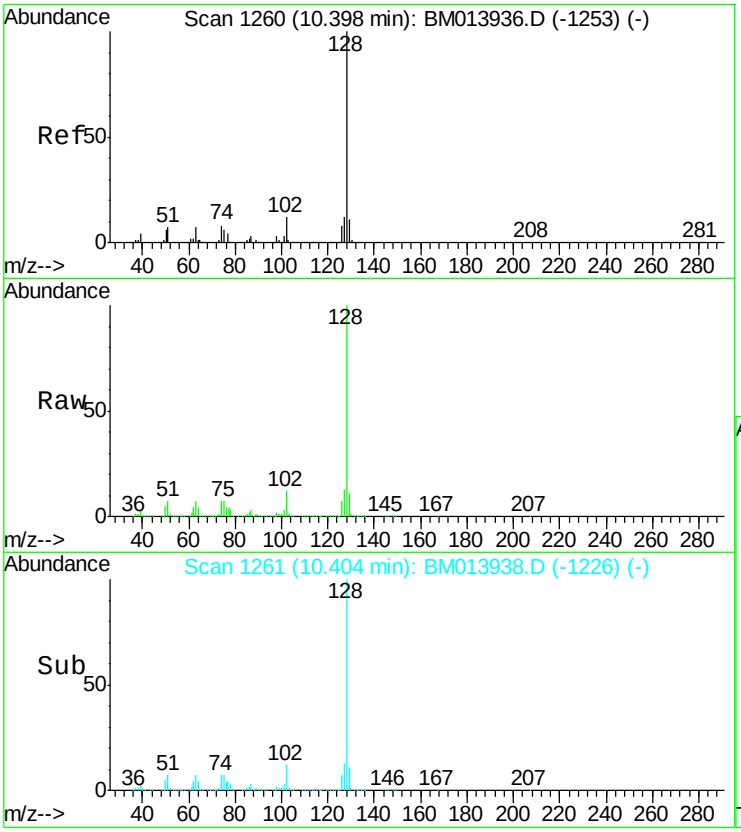


#17
Hexachloroethane
Concen: 1.27 ng/ul
RT: 8.67 min Scan# 967
Delta R.T. 0.04 min
Lab File: BM013938.D
Acq: 29 Jan 2018 00:38

Tgt Ion:117 Resp: 5385

Ion	Ratio	Lower	Upper
117	100		
201	0.0	111.6	167.4#
199	0.0	67.8	101.6#



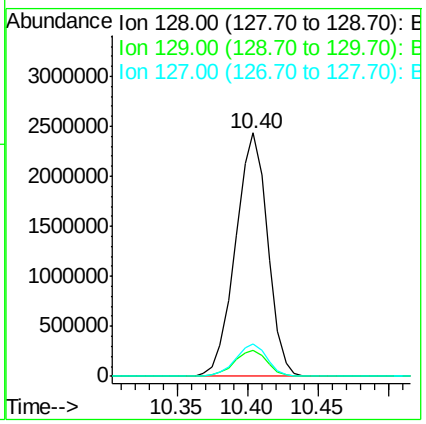


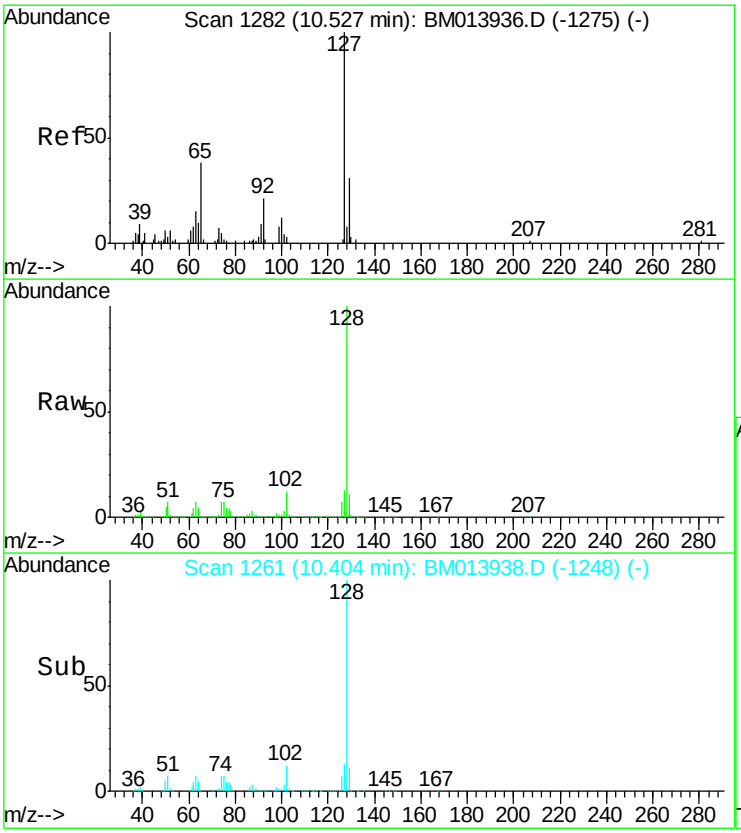
#28
Naphthalene
Concen: 140.95 ng/ul
RT: 10.40 min Scan# 1261
Delta R.T. 0.01 min
Lab File: BM013938.D
Acq: 29 Jan 2018 00:38

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 3872920

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	13.4	10.6	16.0

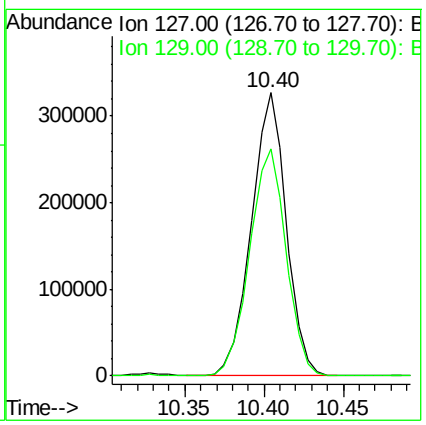


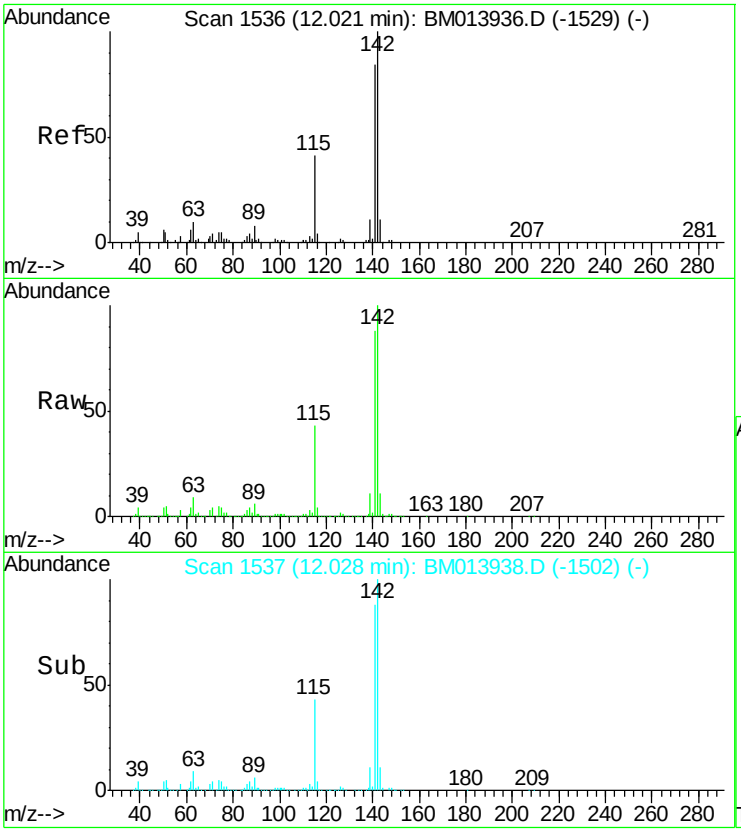


#30
4-Chloroaniline
Concen: 66.81 ng/ul
RT: 10.40 min Scan# 1261
Delta R.T. -0.12 min
Lab File: BM013938.D
Acq: 29 Jan 2018 00:38

Tgt Ion:127 Resp: 502793

Ion	Ratio	Lower	Upper
127	100		
129	80.3	28.4	42.6#



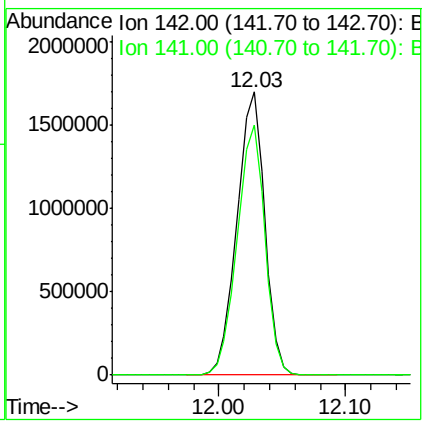


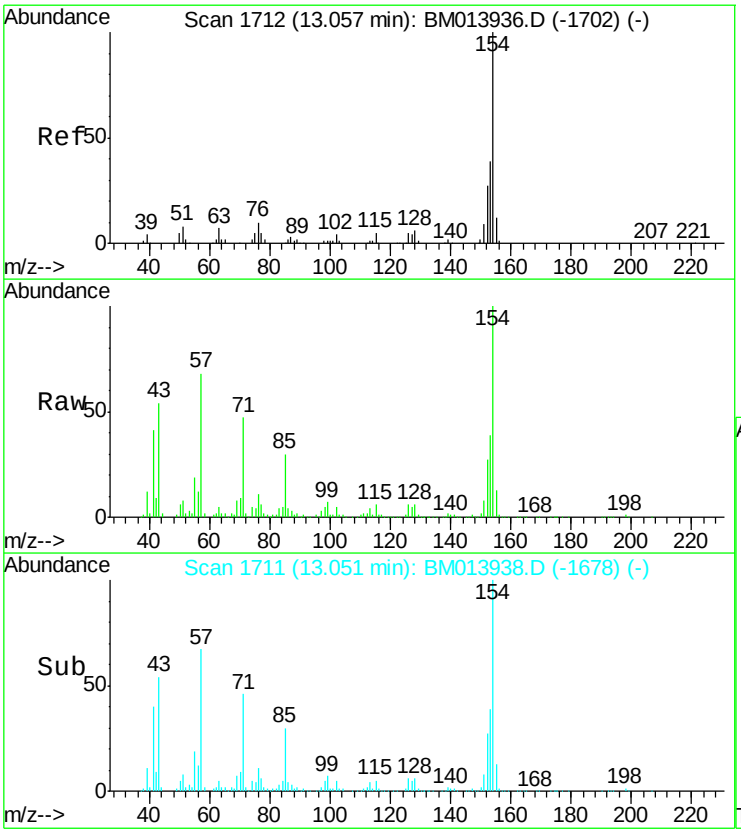
#34
2-Methylnaphthalene
Concen: 126.02 ng/ul
RT: 12.03 min Scan# 1537
Delta R.T. 0.01 min
Lab File: BM013938.D
Acq: 29 Jan 2018 00:38

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 2581684

Ion	Ratio	Lower	Upper
142	100		
141	88.5	74.1	111.1

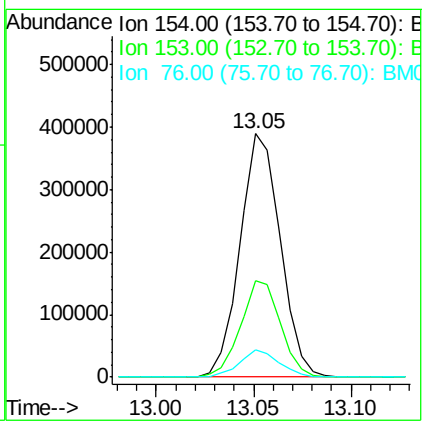


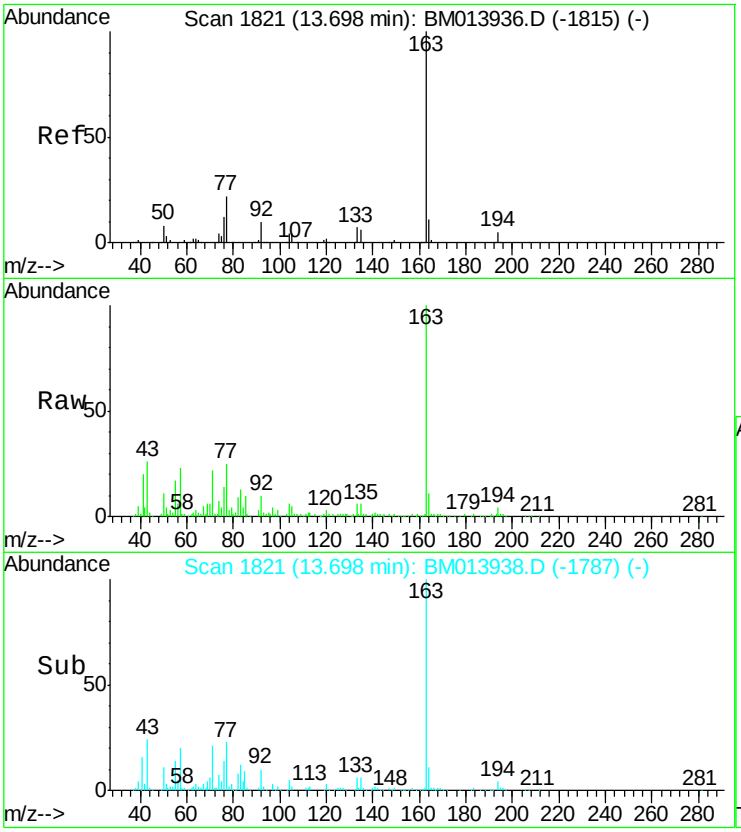


#40
1,1'-Biphenyl
Concen: 20.99 ng/ul
RT: 13.05 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BM013938.D
Acq: 29 Jan 2018 00:38

Tgt Ion:154 Resp: 556642

Ion	Ratio	Lower	Upper
154	100		
153	39.4	32.6	48.8
76	11.4	8.5	12.7



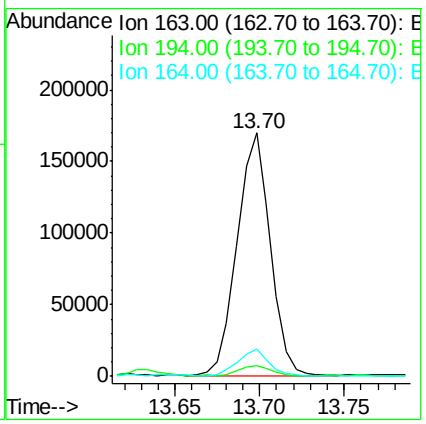


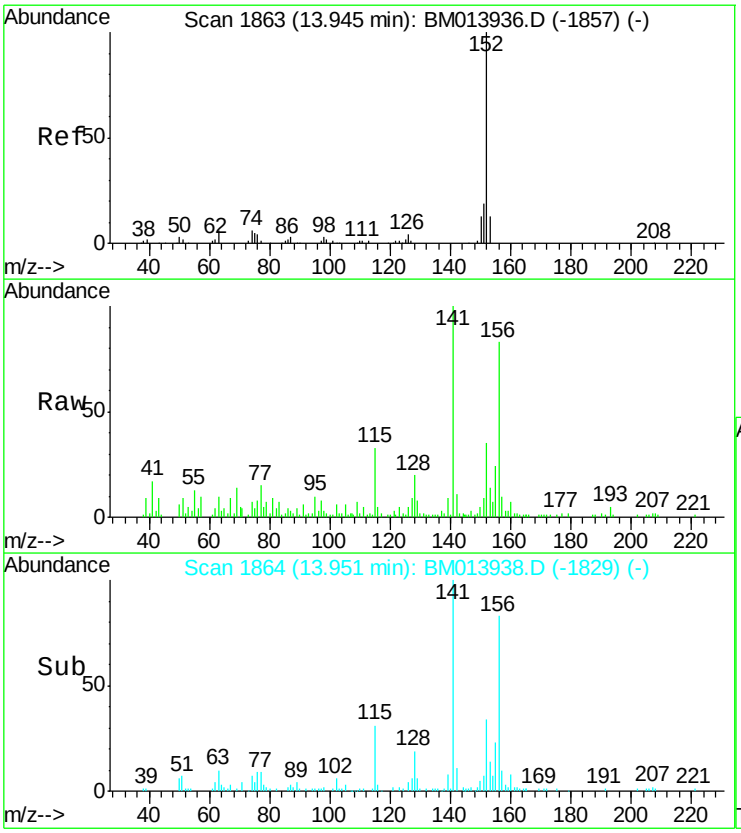
#44
Dimethylphthalate
Concen: 8.96 ng/ul
RT: 13.70 min Scan# 1821
Delta R.T. 0.00 min
Lab File: BM013938.D
Acq: 29 Jan 2018 00:38

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 231417

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.5	5.3
164	11.4	8.2	12.4





#47
Acenaphthylene
Concen: 1.15 ng/ul
RT: 13.95 min Scan# 1864
Delta R.T. 0.01 min
Lab File: BM013938.D
Acq: 29 Jan 2018 00:38

Tgt Ion:152 Resp: 35171

Ion	Ratio	Lower	Upper
152	100		
151	25.3	16.3	24.5#
153	41.6	10.2	15.4#