Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021920\
Data File : BM024949.D
Acq On : 19 Feb 2020 18:17
Operator : CG/JU
Sample : L1486-15DL2 100X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Feb 19 23:17:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 19 03:36:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	363895	20.00	ng/ul	0.00
18) Naphthalene-d8	10.14	136	1356428	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.03	164	812255	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.79	188	1667729	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	1635721	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	1710064	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.61	99	876	0.04	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.76	67	3771	0.28	ng/ul	0.00
9) 2-Chlorophenol-d4	6.94	132	3646	0.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.13	113	1042	0.05	ng/ul	0.02
19) Nitrobenzene-d5	8.55	128	1305	0.13	ng/ul	0.01
22) 2-Nitrophenol-d4	9.25	143	1452	0.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	1505	0.06	ng/ul	0.02
29) 4-Chloroaniline-d4	10.30	131	137	0.01	ng/ul	0.01
44) Dimethylphthalate-d6	13.47	166	15254	0.25	ng/ul	0.00
47) Acenaphthylene-d8	13.72	160	19084	0.27	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.04	176	14656	0.27	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	16.79	188	1667729	21.91	ng/ul	-0.11
79) Pyrene-d10	19.20	212	23065	0.28	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	23588	0.27	ng/ul	-0.01
Target Compounds						Qvalue
28) Naphthalene	10.19	128	2355767	33.991	ng/ul	99
34) 2-Methylnaphthalene	11.82	142	253740	4.970	ng/ul	99
35) 1-Methylnaphthalene	12.04	142	140822	2.766	ng/ul	97
41) 1,1'-Biphenyl	12.86	154	64723	1.079	ng/ul#	99
50) Acenaphthene	14.10	153	311248	6.214	ng/ul	99
54) Dibenzofuran	14.44	168	251559	3.369	ng/ul	98
59) Fluorene	15.10	166	111985	1.820	ng/ul	99
70) Phenanthrene	16.83	178	241215	2.653	ng/ul	99

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

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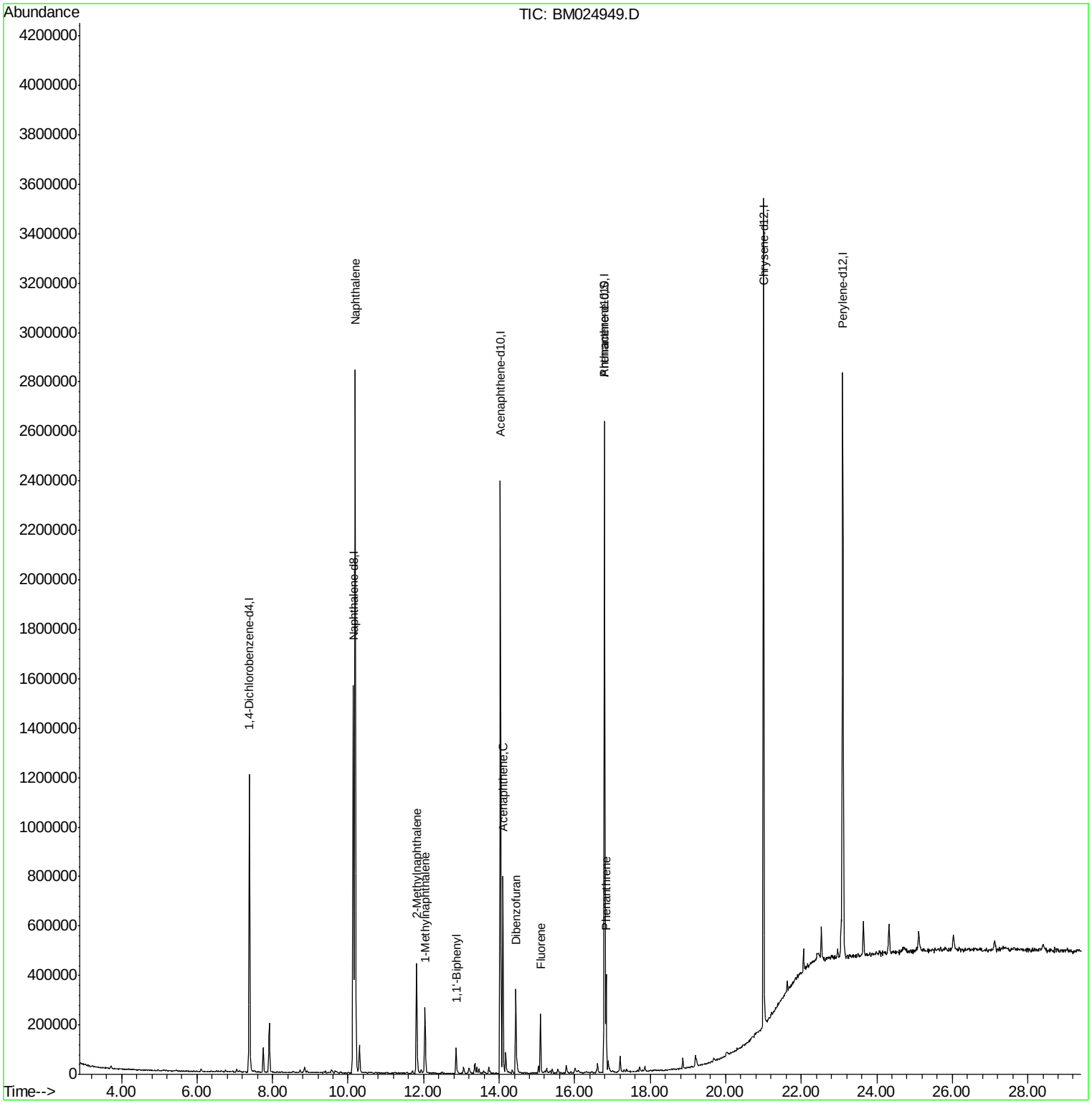
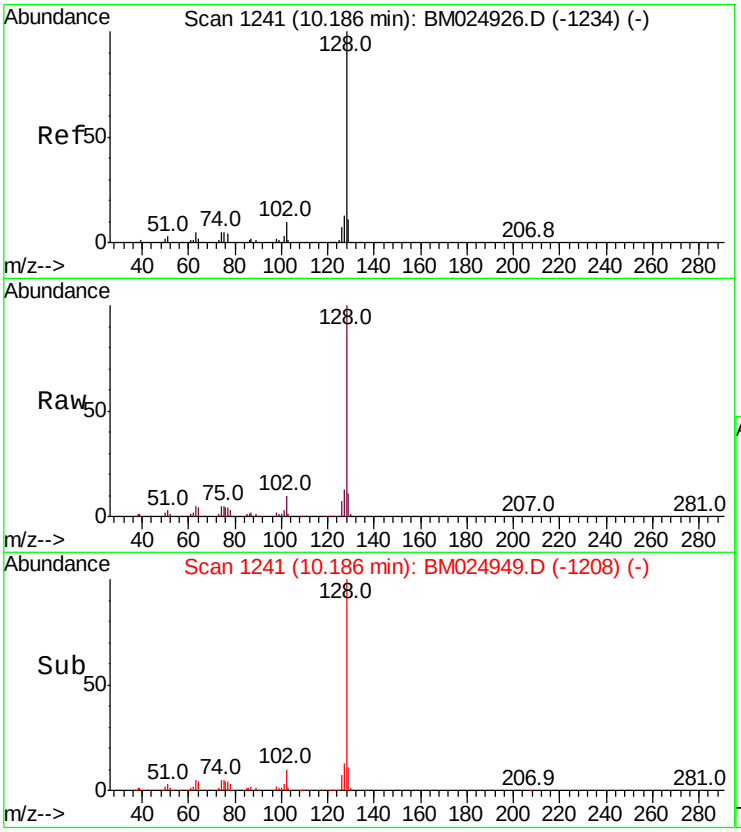


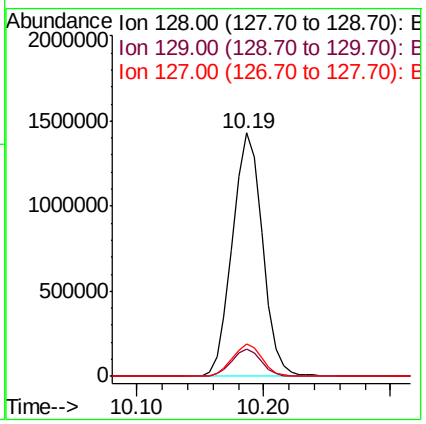


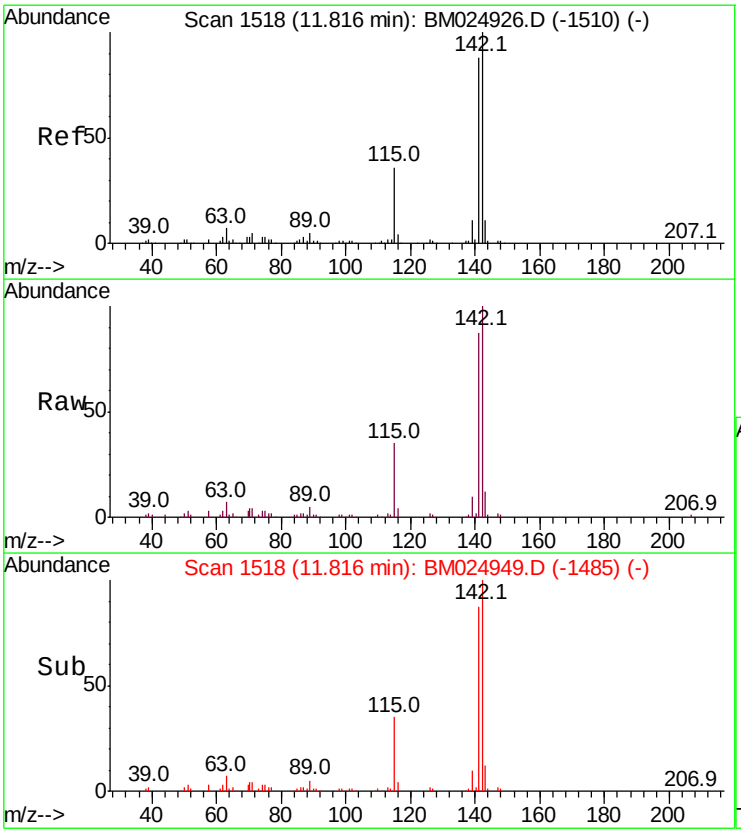
#28
Naphthalene
Concen: 33.991 ng/ul
RT: 10.19 min Scan# 1241
Delta R.T. -0.01 min
Lab File: BM024949.D
Acq: 19 Feb 2020 18:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 2355767

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.1	13.7
127	13.1	10.4	15.6

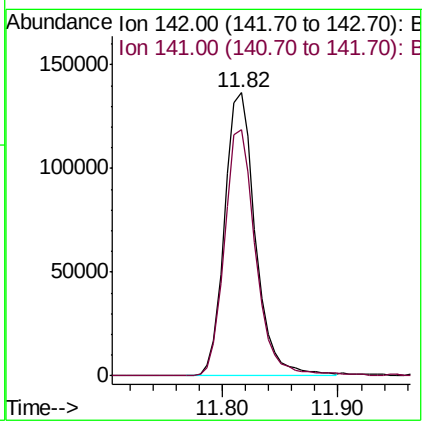


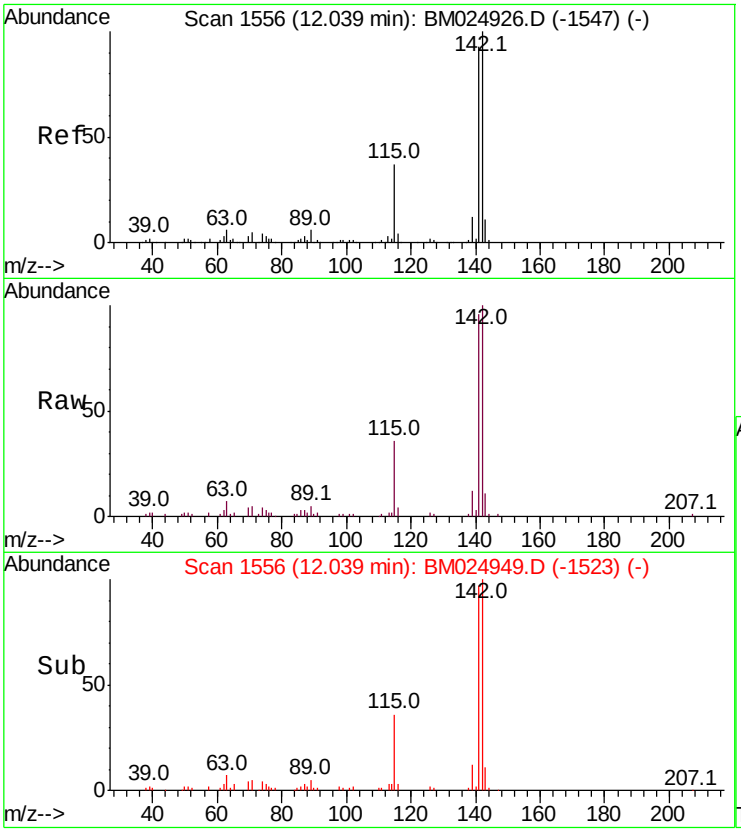


#34
2-Methylnaphthalene
Concen: 4.970 ng/ul
RT: 11.82 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BM024949.D
Acq: 19 Feb 2020 18:17

Tgt Ion:142 Resp: 253740

Ion	Ratio	Lower	Upper
142	100		
141	87.2	70.5	105.7



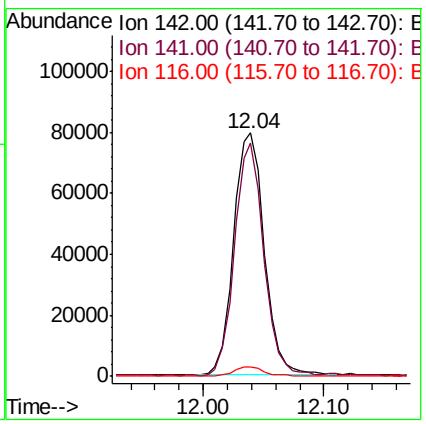


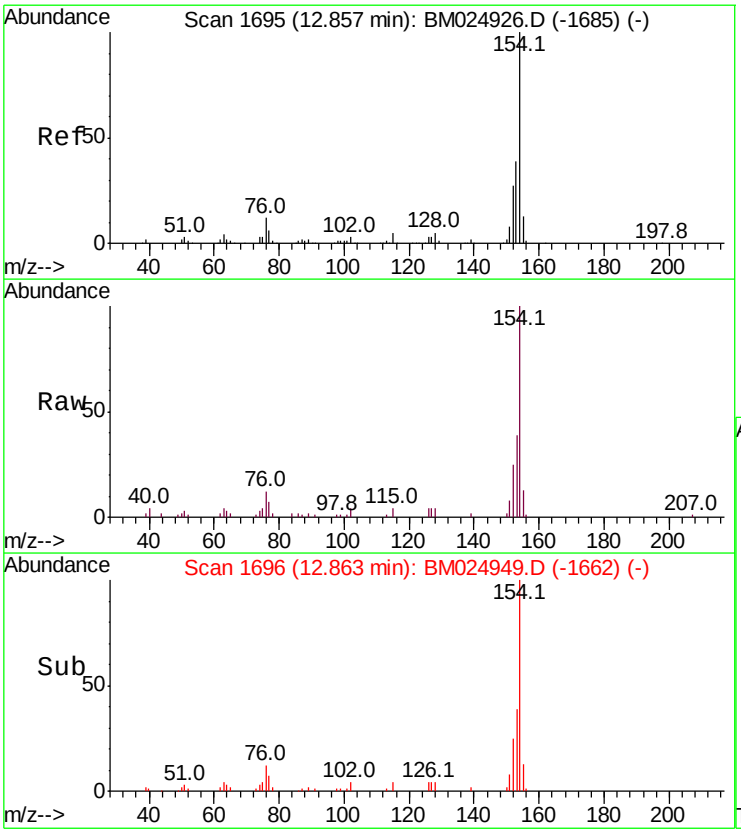
#35
1-Methylnaphthalene
Concen: 2.766 ng/ul
RT: 12.04 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BM024949.D
Acq: 19 Feb 2020 18:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 140822

Ion	Ratio	Lower	Upper
142	100		
141	96.0	74.1	111.1
116	3.6	3.0	4.4

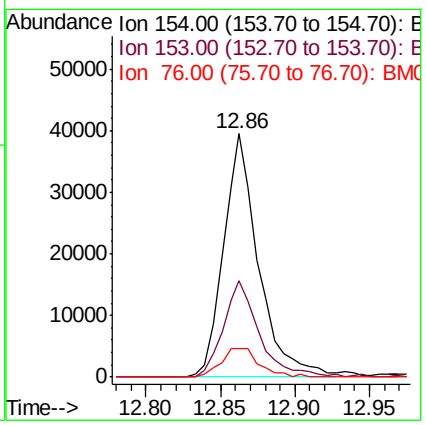


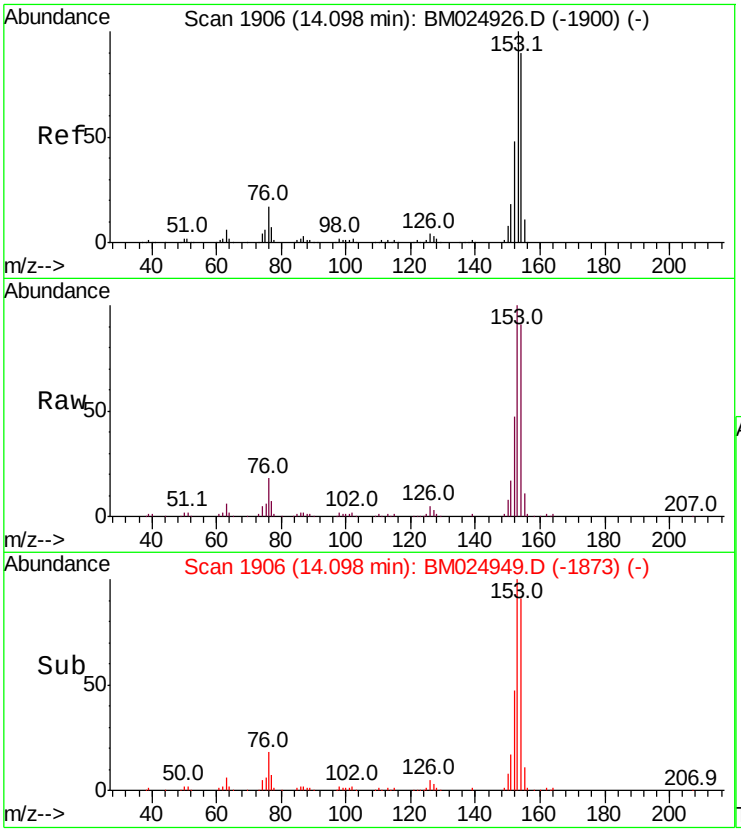


#41
1,1'-Biphenyl
Concen: 1.079 ng/ul
RT: 12.86 min Scan# 1696
Delta R.T. 0.00 min
Lab File: BM024949.D
Acq: 19 Feb 2020 18:17

Tgt Ion:154 Resp: 64723

Ion	Ratio	Lower	Upper
154	100		
153	39.4	31.4	47.2
76	11.7	7.5	11.3#



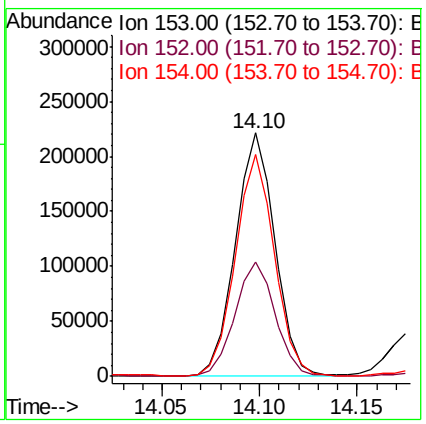


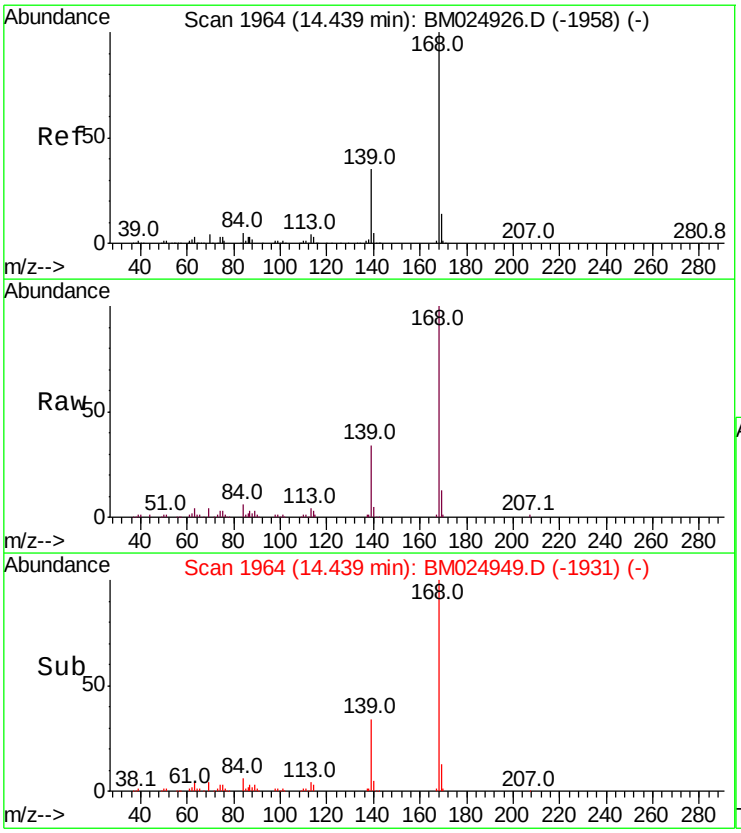
#50
Acenaphthene
Concen: 6.214 ng/ul
RT: 14.10 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BM024949.D
Acq: 19 Feb 2020 18:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:153 Resp: 311248

Ion	Ratio	Lower	Upper
153	100		
152	47.0	37.3	55.9
154	91.0	74.1	111.1

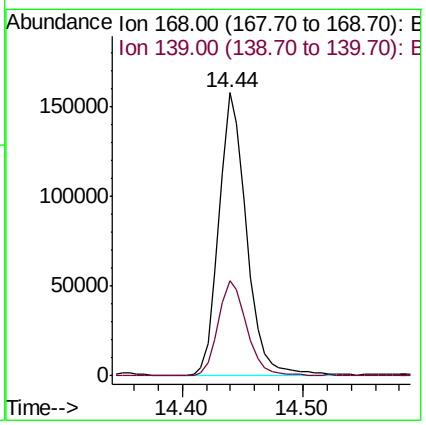


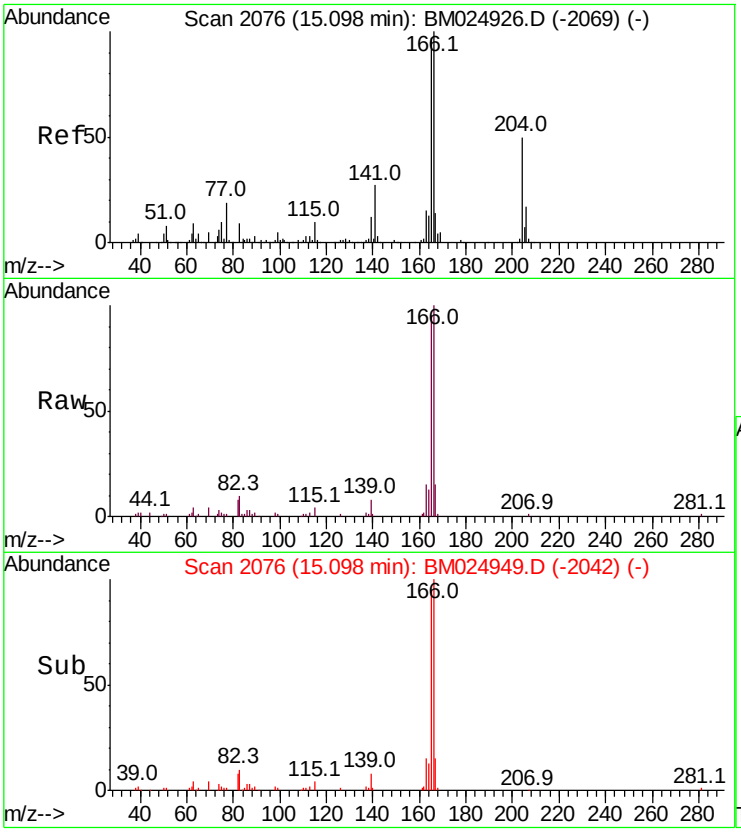


#54
Dibenzofuran
Concen: 3.369 ng/ul
RT: 14.44 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BM024949.D
Acq: 19 Feb 2020 18:17

Tgt Ion:168 Resp: 251559

Ion	Ratio	Lower	Upper
168	100		
139	33.7	27.8	41.8



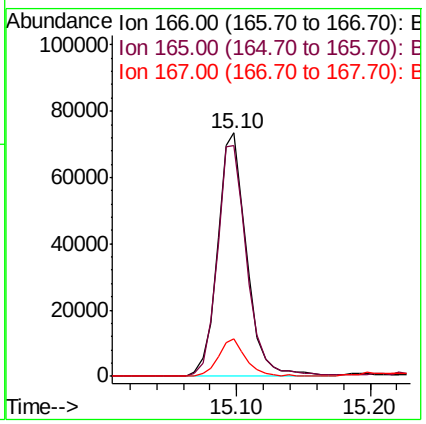


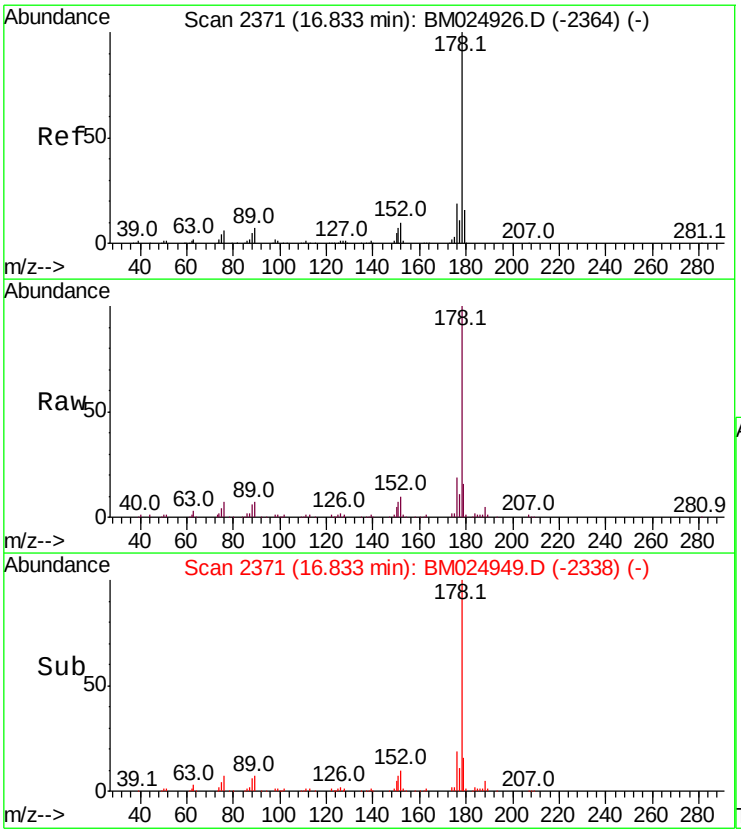
#59
Fluorene
Concen: 1.820 ng/ul
RT: 15.10 min Scan# 2076
Delta R.T. 0.00 min
Lab File: BM024949.D
Acq: 19 Feb 2020 18:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 111985

Ion	Ratio	Lower	Upper
166	100		
165	95.0	75.8	113.8
167	15.3	10.6	16.0





#70
Phenanthrene
Concen: 2.653 ng/ul
RT: 16.83 min Scan# 2371
Delta R.T. -0.01 min
Lab File: BM024949.D
Acq: 19 Feb 2020 18:17

Tgt Ion:178 Resp: 241215

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.2	18.2
176	18.6	14.5	21.7