Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
Data File : BM024930.D
Acq On : 18 Feb 2020 14:58
Operator : CG/JU
Sample : L1486-08DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Feb 19 03:42:42 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	296509	20.00	ng/ul	0.00
18) Naphthalene-d8	10.15	136	1086829	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.04	164	671581	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.79	188	1445871	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	1515948	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	1612401	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.05	96	577	0.09	ng/uL	0.01
5) Phenol-d5	6.60	99	11947	0.61	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	35102	3.16	ng/ul	0.00
9) 2-Chlorophenol-d4	6.93	132	37760	2.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.11	113	19869	1.20	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	22393	2.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.25	143	21661	2.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.78	165	41333	2.21	ng/ul	0.00
29) 4-Chloroaniline-d4	10.30	131	4617	0.26	ng/ul	0.02
44) Dimethylphthalate-d6	13.46	166	161121	3.18	ng/ul	0.00
47) Acenaphthylene-d8	13.72	160	184801	3.12	ng/ul	0.00
52) 4-Nitrophenol-d4	14.30	143	903	0.11	ng/ul	0.04
58) Fluorene-d10	15.04	176	147010	3.27	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.18	200	12696	1.35	ng/ul	0.00
71) Anthracene-d10	16.89	188	232231	3.52	ng/ul	-0.01
79) Pyrene-d10	19.20	212	251898	3.32	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	262702	3.24	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.20	128	18756133	337.763	ng/ul#	90
30) 4-Chloroaniline	10.20	127	2978391	170.293	ng/ul#	10
34) 2-Methylnaphthalene	11.82	142	1973729	48.252	ng/ul	100
35) 1-Methylnaphthalene	12.04	142	1536400	37.662	ng/ul	98
41) 1,1'-Biphenyl	12.86	154	603345	12.170	ng/ul#	98
50) Acenaphthene	14.10	153	1542194	37.239	ng/ul	98
54) Dibenzofuran	14.44	168	1981901	32.105	ng/ul	100
59) Fluorene	15.10	166	820052	16.118	ng/ul	99
70) Phenanthrene	16.83	178	1083947	13.749	ng/ul	100
72) Anthracene	16.83	178	1083947	13.557	ng/ul	99
75) Carbazole	17.20	167	1412690	21.209	ng/ul	100

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

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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
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Quant Title : SVOA CALIBRATION
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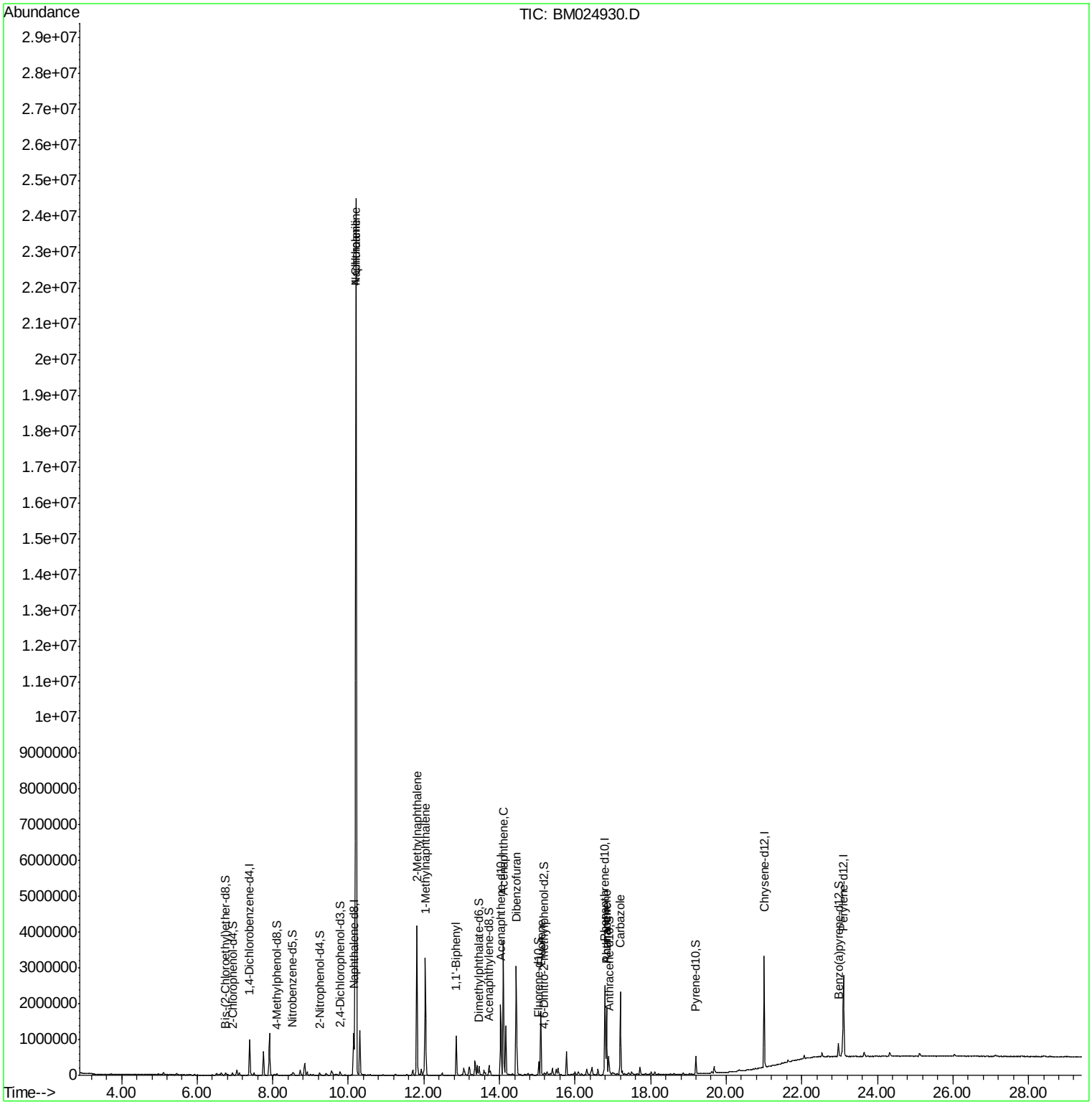
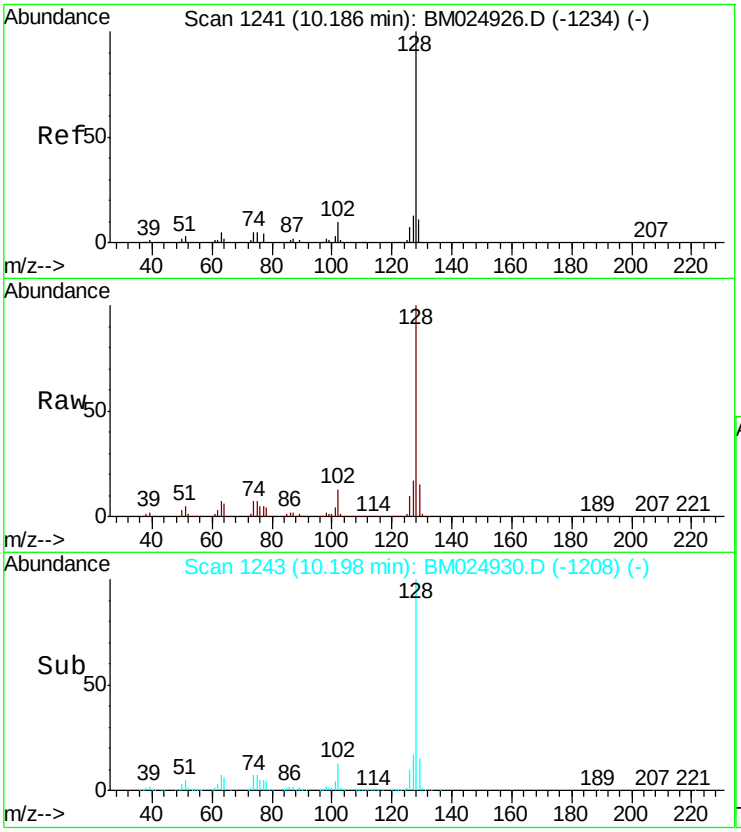


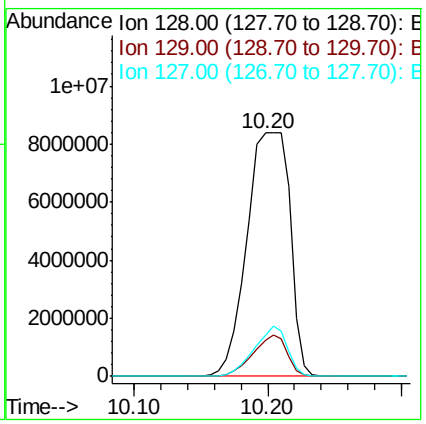


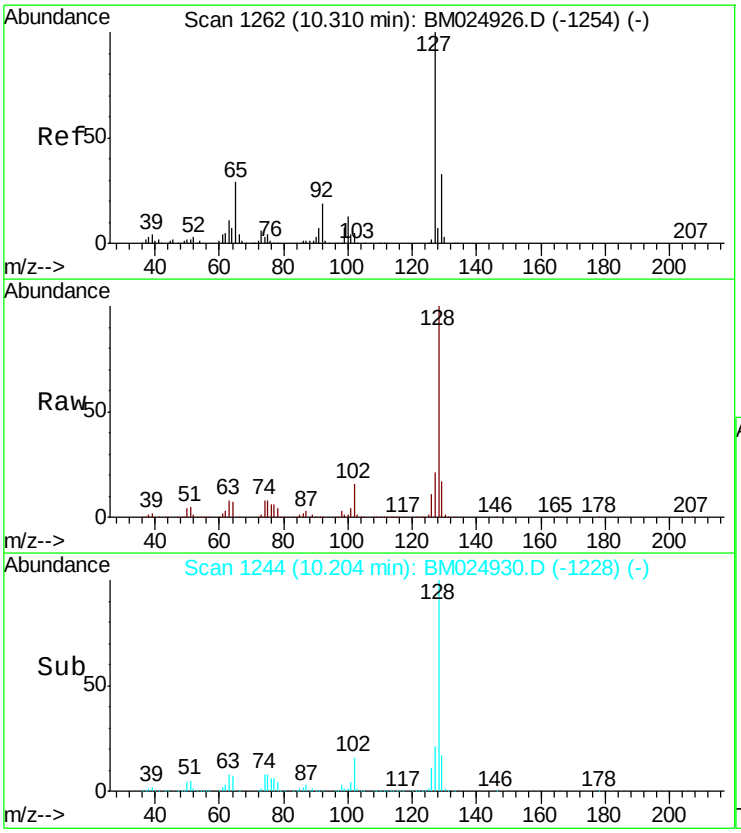
#28
Naphthalene
Concen: 337.763 ng/ul
RT: 10.20 min Scan# 1243
Delta R.T. 0.01 min
Lab File: BM024930.D
Acq: 18 Feb 2020 14:58

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp:18756133

Ion	Ratio	Lower	Upper
128	100		
129	14.8	9.1	13.7#
127	17.2	10.4	15.6#

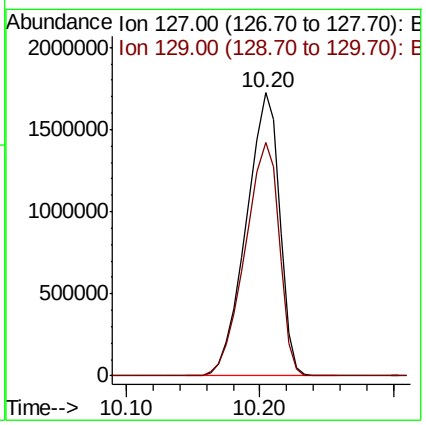


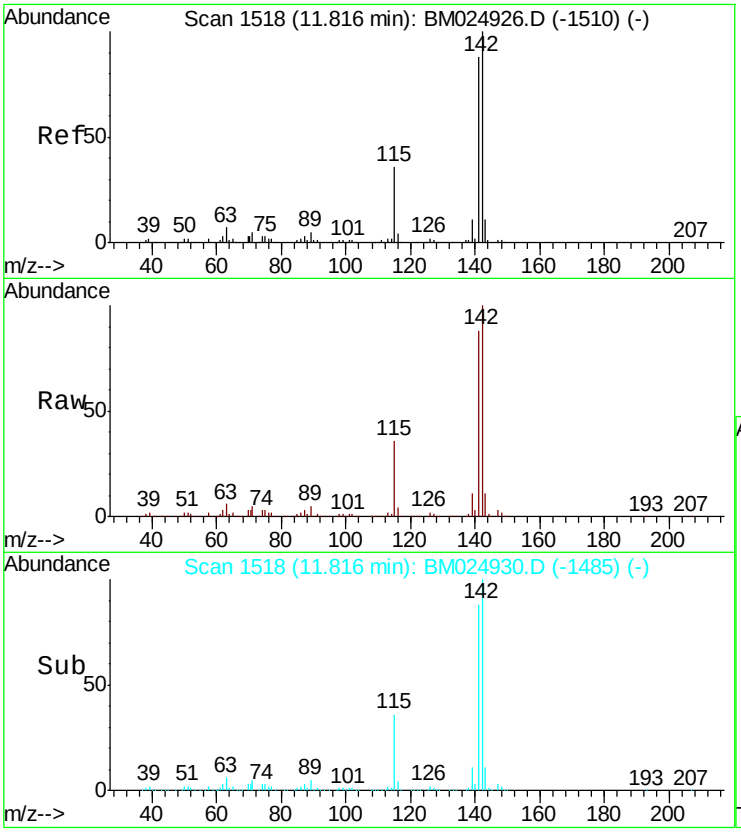


#30
4-Chloroaniline
Concen: 170.293 ng/ul
RT: 10.20 min Scan# 1244
Delta R.T. -0.11 min
Lab File: BM024930.D
Acq: 18 Feb 2020 14:58

Tgt Ion:127 Resp: 2978391

Ion	Ratio	Lower	Upper
127	100		
129	82.7	25.8	38.8#



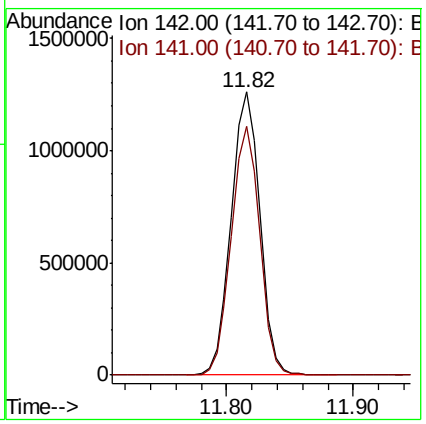


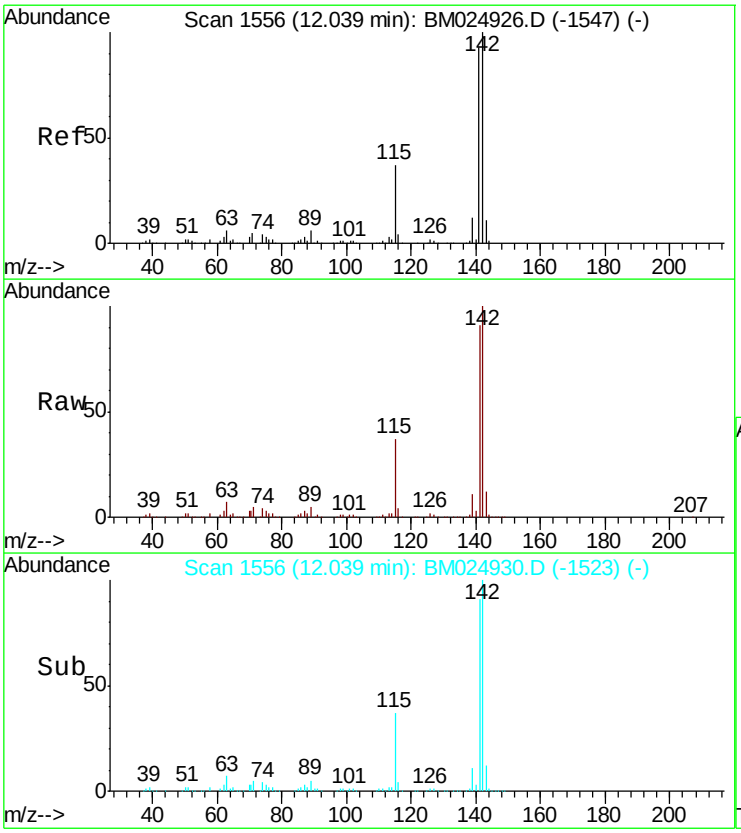
#34
2-Methylnaphthalene
Concen: 48.252 ng/ul
RT: 11.82 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BM024930.D
Acq: 18 Feb 2020 14:58

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 1973729

Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.5	105.7

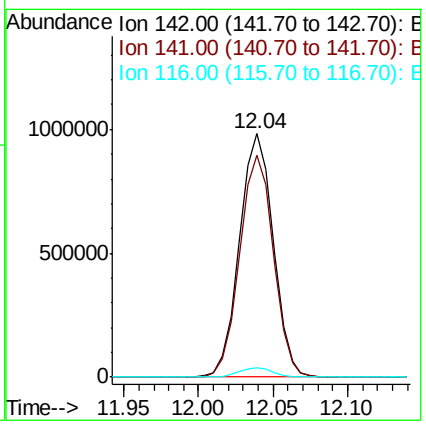


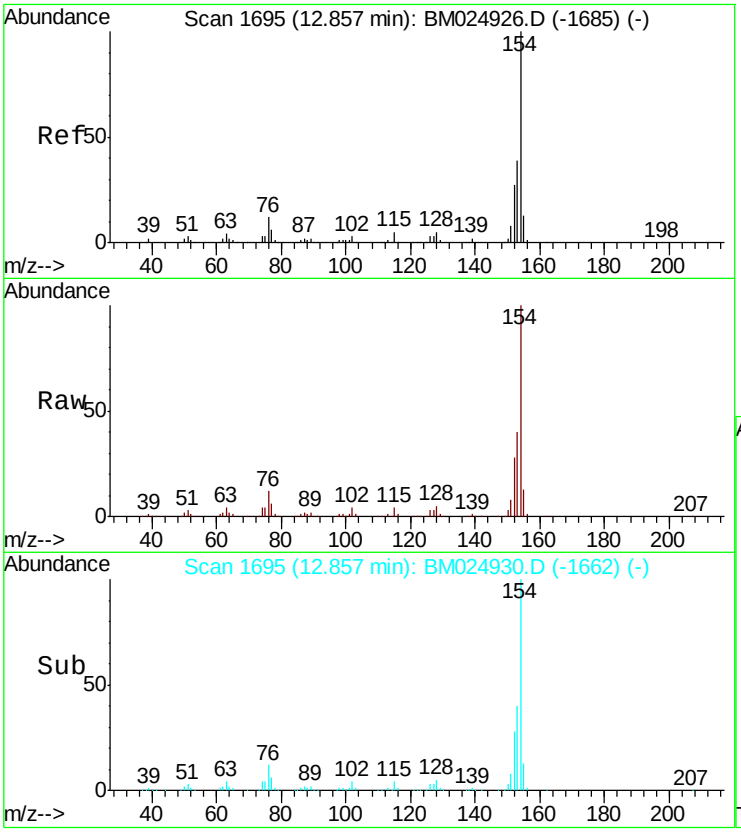


#35
1-Methylnaphthalene
Concen: 37.662 ng/ul
RT: 12.04 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BM024930.D
Acq: 18 Feb 2020 14:58

Tgt Ion:142 Resp: 1536400

Ion	Ratio	Lower	Upper
142	100		
141	91.1	74.1	111.1
116	4.1	3.0	4.4



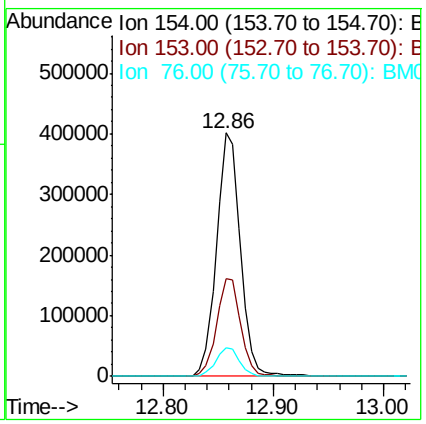


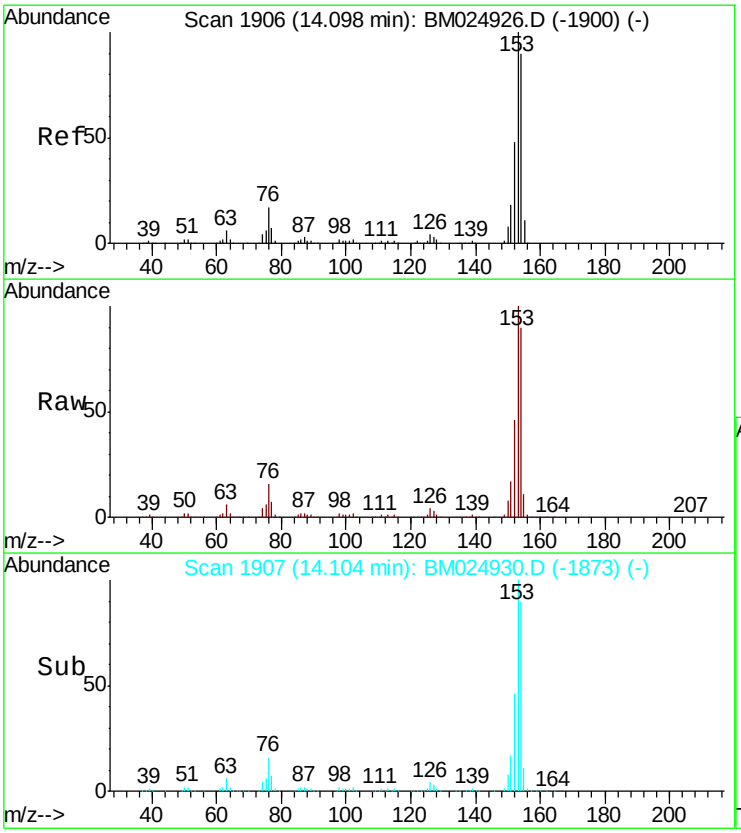
#41
1,1'-Biphenyl
Concen: 12.170 ng/ul
RT: 12.86 min Scan# 1695
Delta R.T. -0.01 min
Lab File: BM024930.D
Acq: 18 Feb 2020 14:58

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 603345

Ion	Ratio	Lower	Upper
154	100		
153	40.0	31.4	47.2
76	11.7	7.5	11.3#

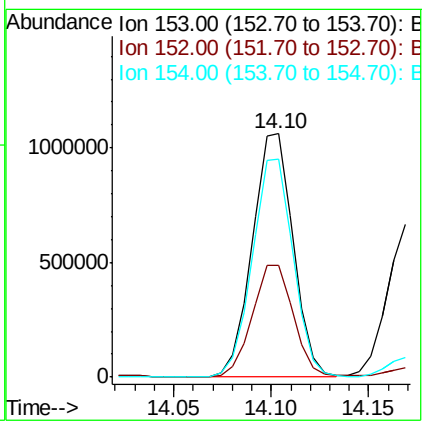


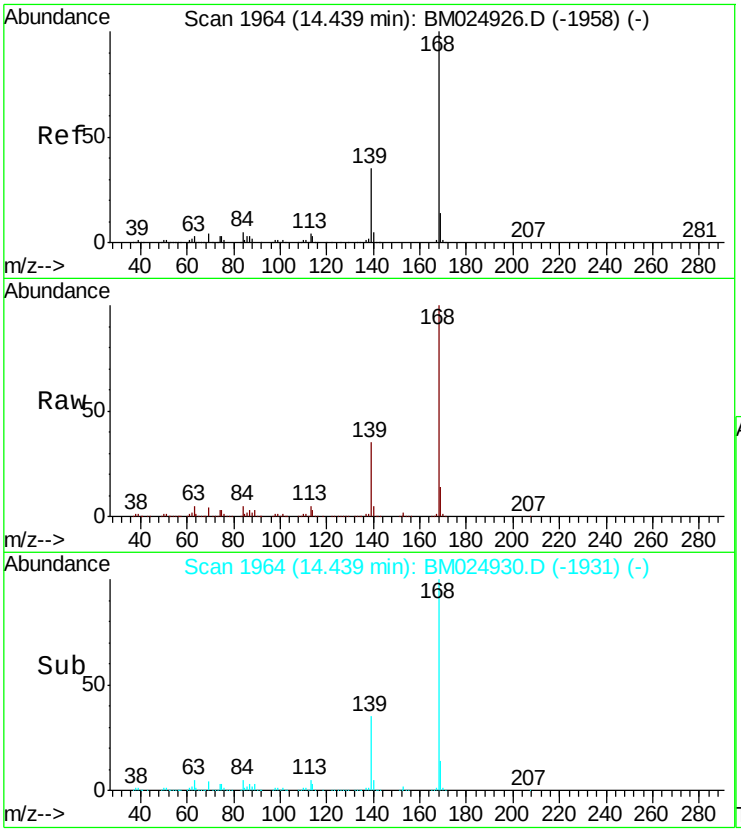


#50
Acenaphthene
Concen: 37.239 ng/ul
RT: 14.10 min Scan# 1907
Delta R.T. 0.00 min
Lab File: BM024930.D
Acq: 18 Feb 2020 14:58

Tgt Ion:153 Resp: 1542194

Ion	Ratio	Lower	Upper
153	100		
152	46.2	37.3	55.9
154	89.6	74.1	111.1



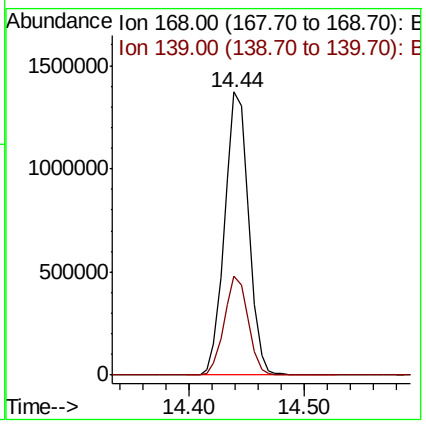


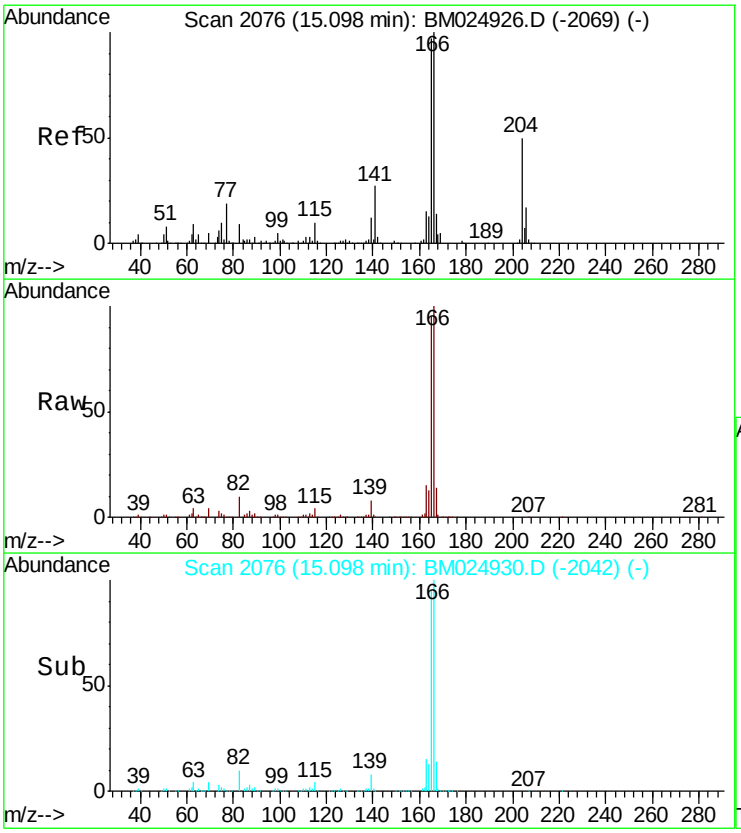
#54
Dibenzofuran
Concen: 32.105 ng/ul
RT: 14.44 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BM024930.D
Acq: 18 Feb 2020 14:58

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:168 Resp: 1981901

Ion	Ratio	Lower	Upper
168	100		
139	34.9	27.8	41.8

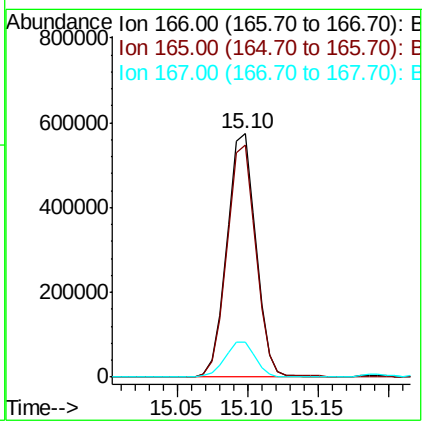


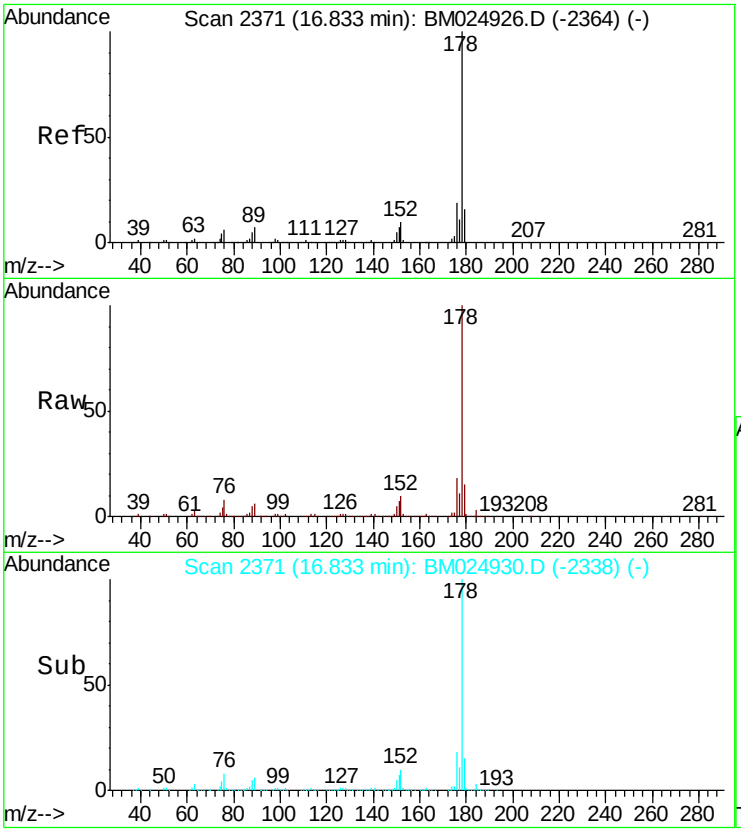


#59
Fluorene
Concen: 16.118 ng/ul
RT: 15.10 min Scan# 2076
Delta R.T. 0.00 min
Lab File: BM024930.D
Acq: 18 Feb 2020 14:58

Tgt Ion:166 Resp: 820052

Ion	Ratio	Lower	Upper
166	100		
165	95.2	75.8	113.8
167	14.4	10.6	16.0



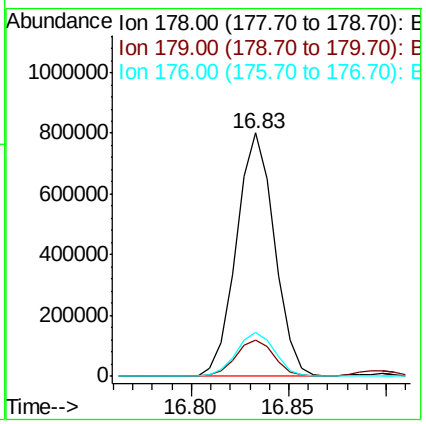


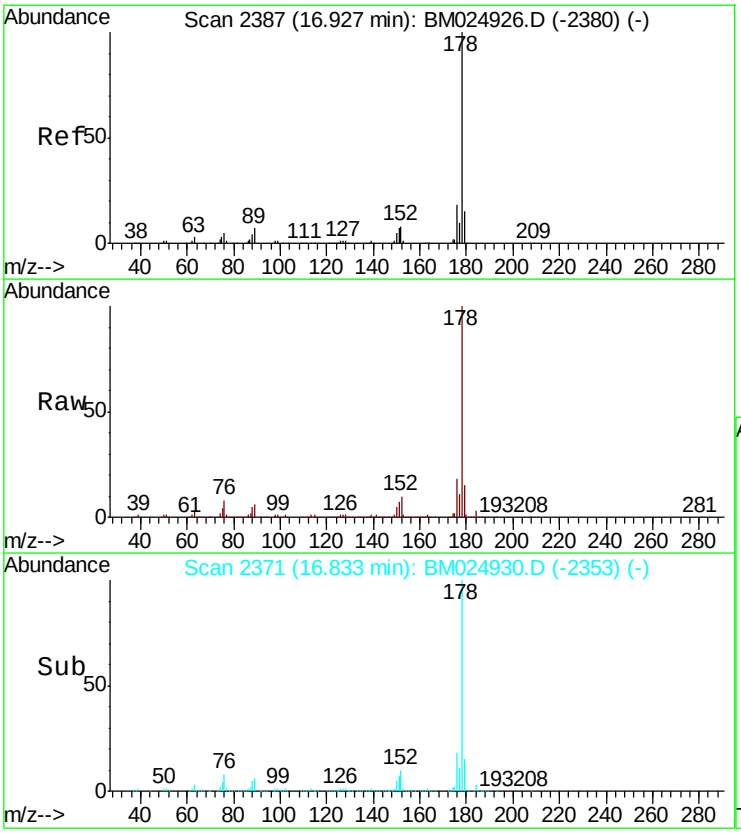
#70
Phenanthrene
Concen: 13.749 ng/ul
RT: 16.83 min Scan# 2371
Delta R.T. -0.01 min
Lab File: BM024930.D
Acq: 18 Feb 2020 14:58

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 1083947

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.2	18.2
176	18.2	14.5	21.7

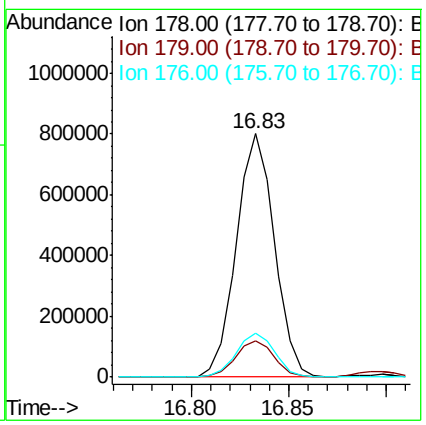


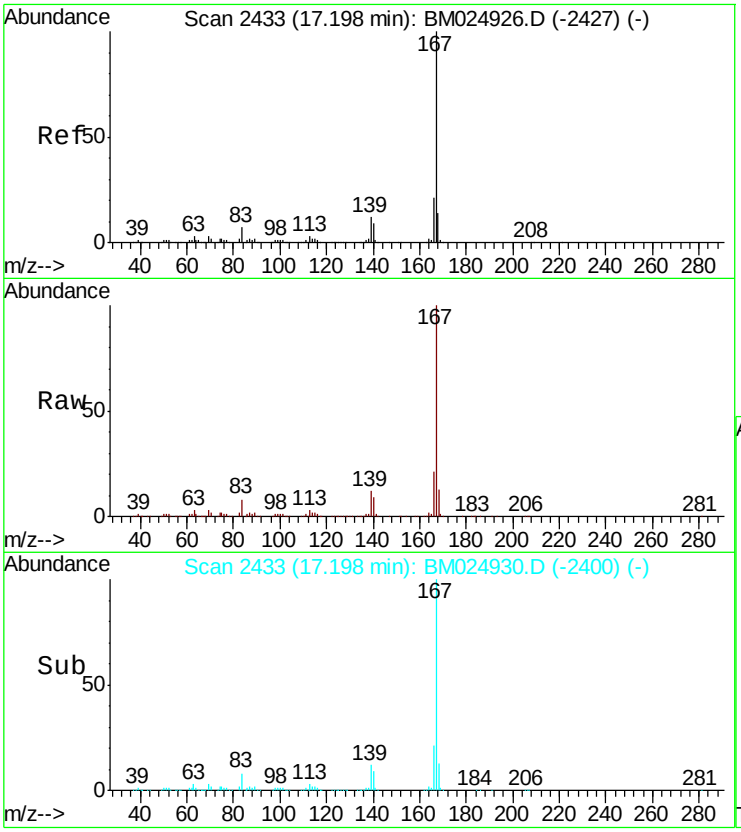


#72
Anthracene
Concen: 13.557 ng/ul
RT: 16.83 min Scan# 2371
Delta R.T. -0.09 min
Lab File: BM024930.D
Acq: 18 Feb 2020 14:58

Tgt Ion:178 Resp: 1083947

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.3	18.5
176	18.2	14.1	21.1





#75
Carbazole
Concen: 21.209 ng/ul
RT: 17.20 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BM024930.D
Acq: 18 Feb 2020 14:58

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:167 Resp: 1412690

Ion	Ratio	Lower	Upper
167	100		
166	20.7	16.6	24.8
139	12.0	9.3	13.9