Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM111419\NOT REVIEWED DATA\
Data File : BM023750.D
Acq On : 15 Nov 2019 12:00
Operator : JU
Sample : K5700-16DL 10X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEGY8DL

Quant Time: Nov 15 15:03:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 15 07:53:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	353787	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	1430307	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.18	164	902960	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.93	188	1943271	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	2029217	20.00	ng/ul	0.00
86) Perylene-d12	23.29	264	2369107	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	368	0.04	ng/uL	0.00
5) Phenol-d5	6.72	99	16910	0.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	48212	2.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	48017	2.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	31606	1.23	ng/ul	0.00
19) Nitrobenzene-d5	8.68	128	34726	3.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	27697	2.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.94	165	57730	2.35	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	39941	1.48	ng/ul	0.01
44) Dimethylphthalate-d6	13.60	166	209365	2.97	ng/ul	0.00
47) Acenaphthylene-d8	13.87	160	217215	2.70	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	2058	0.17	ng/ul	0.01
58) Fluorene-d10	15.18	176	186296	3.00	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.32	200	16518	1.47	ng/ul	0.00
71) Anthracene-d10	17.03	188	293613	3.19	ng/ul	0.00
79) Pyrene-d10	19.33	212	328880	3.11	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	378012	3.03	ng/ul	0.00
Target Compounds						Qvalue
30) 4-Chloroaniline	10.37	127	4849035	175.088	ng/ul#	10
34) 2-Methylnaphthalene	11.97	142	726273	12.629	ng/ul	97
35) 1-Methylnaphthalene	12.20	142	2190224	38.616	ng/ul	98
41) 1,1'-Biphenyl	13.01	154	863805	12.401	ng/ul	100
50) Acenaphthene	14.24	153	2194275	38.220	ng/ul	99
54) Dibenzofuran	14.59	168	2272785	26.743	ng/ul	99
59) Fluorene	15.24	166	1297555	18.819	ng/ul	99
70) Phenanthrene	16.97	178	1888964	17.648	ng/ul	100
72) Anthracene	17.06	178	119188	1.107	ng/ul	99
75) Carbazole	17.34	167	2600969	28.990	ng/ul	100
77) Fluoranthene	19.00	202	162482	1.417	ng/ul#	94

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

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Acq On : 15 Nov 2019 12:00
Operator : JU
Sample : K5700-16DL 10X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
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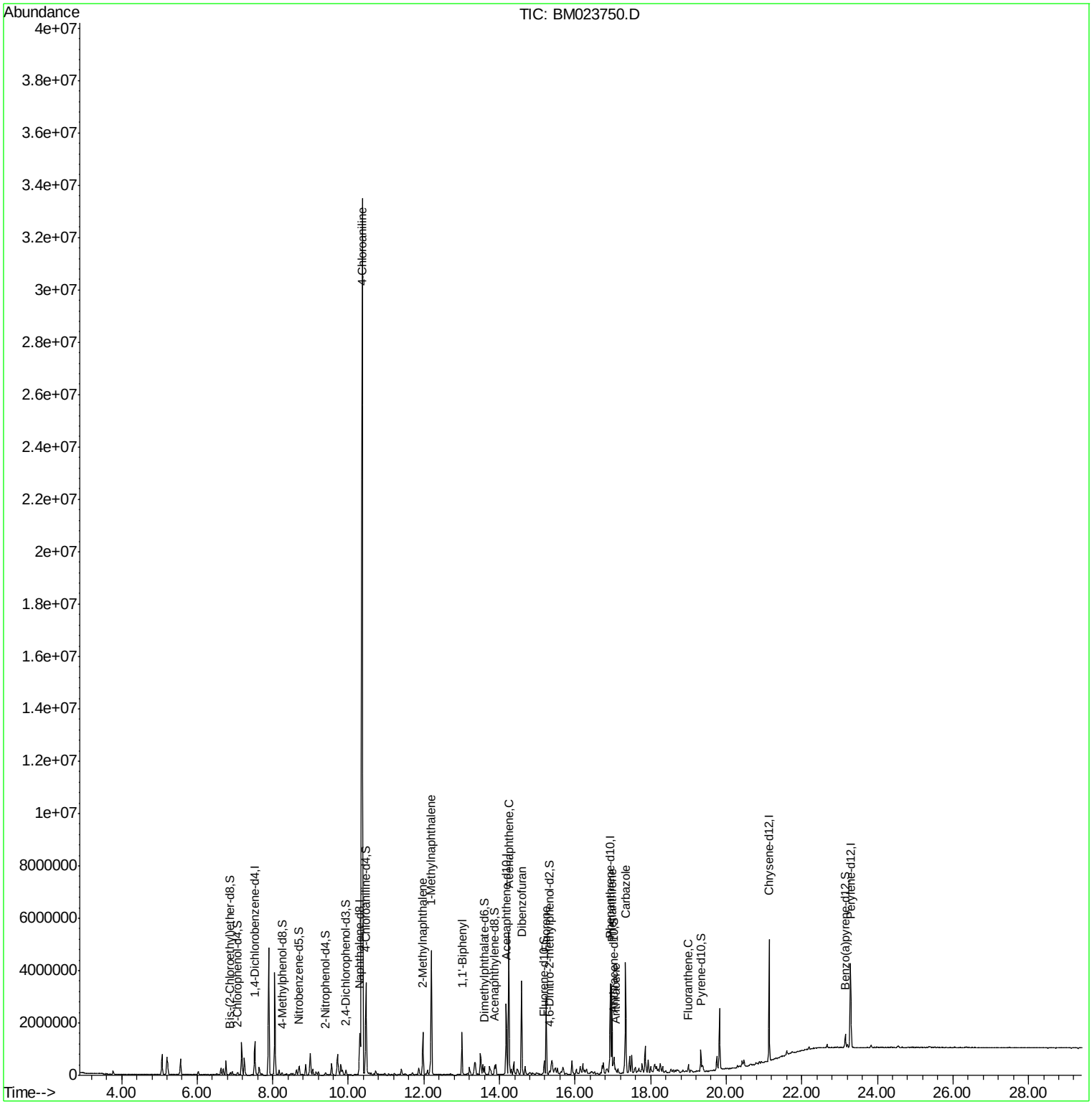
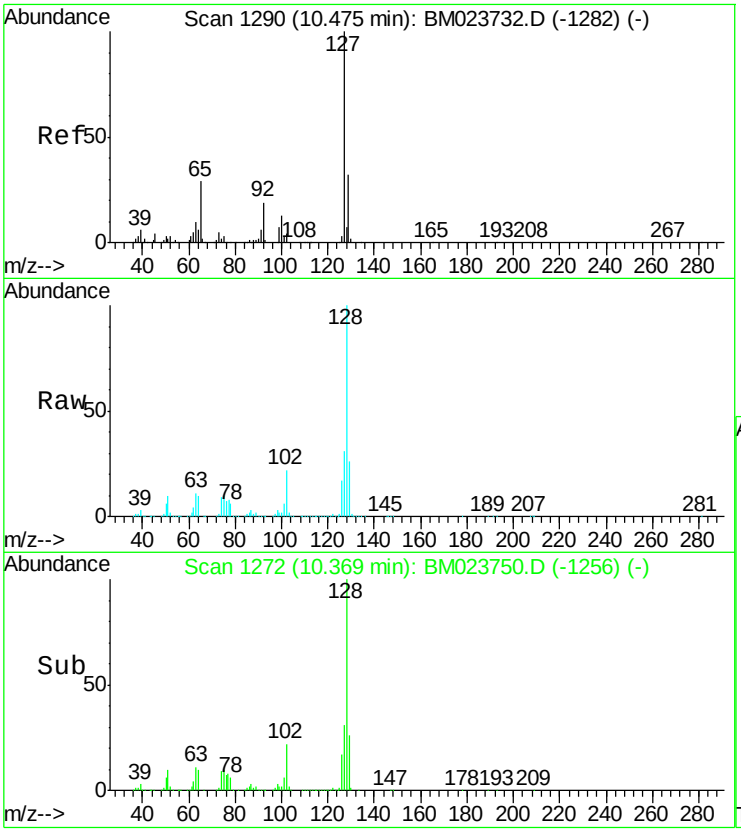
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 15 07:53:56 2019
Response via : Initial Calibration



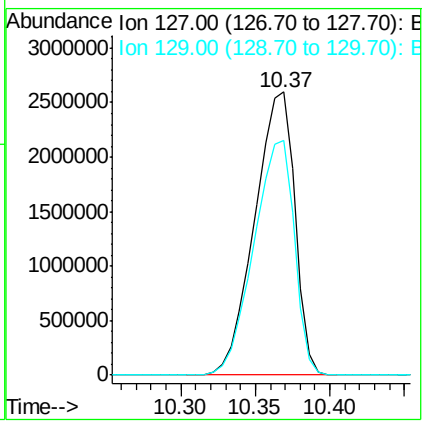


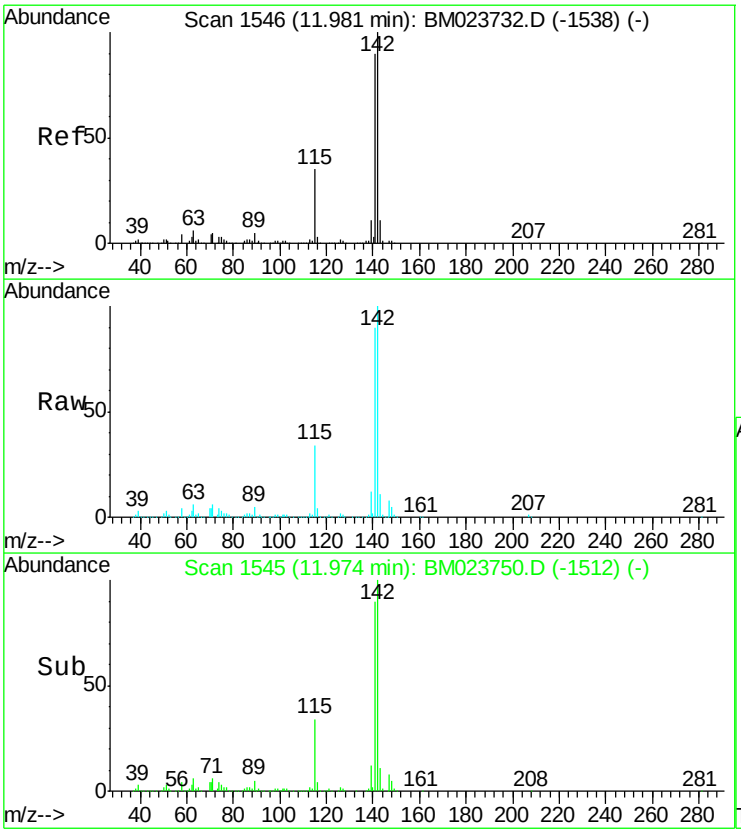
#30
4-Chloroaniline
Concen: 175.088 ng/ul
RT: 10.37 min Scan# 1272
Delta R.T. -0.11 min
Lab File: BM023750.D
Acq: 15 Nov 2019 12:00

Instrument :
BNA_M
ClientSampleId :
BEGY8DL

Tgt Ion:127 Resp: 4849035

Ion	Ratio	Lower	Upper
127	100		
129	83.2	26.1	39.1#

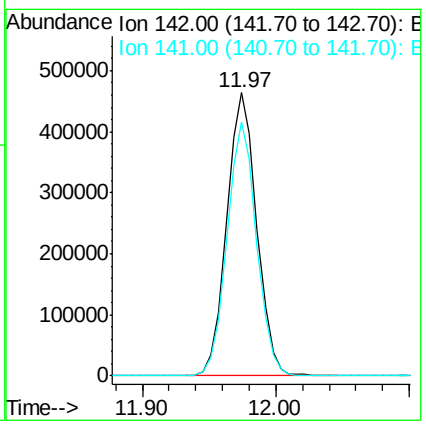


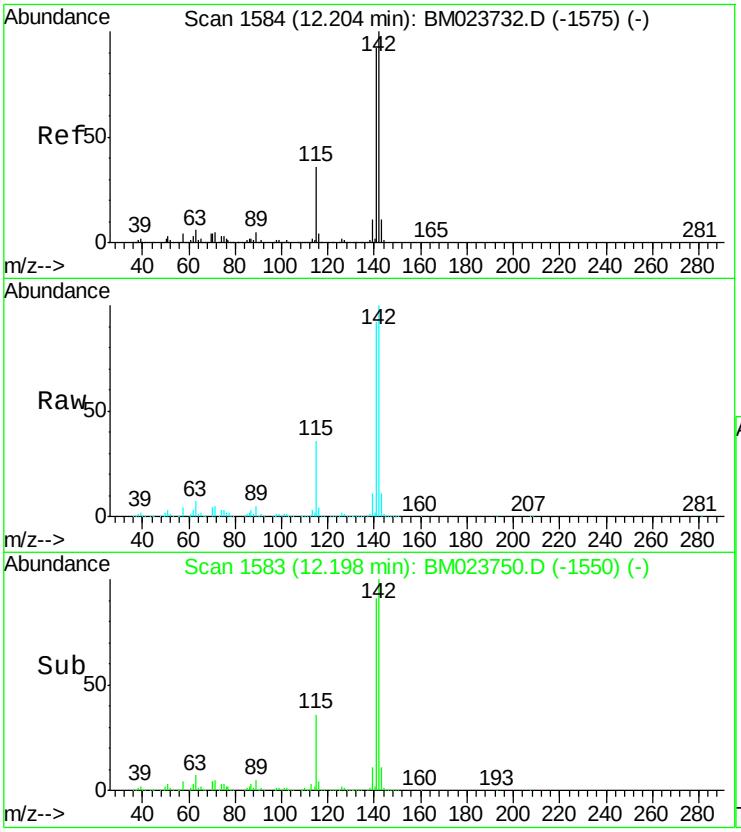


#34
2-Methylnaphthalene
Concen: 12.629 ng/ul
RT: 11.97 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BM023750.D
Acq: 15 Nov 2019 12:00

Tgt Ion:142 Resp: 726273

Ion	Ratio	Lower	Upper
142	100		
141	89.7	69.8	104.8



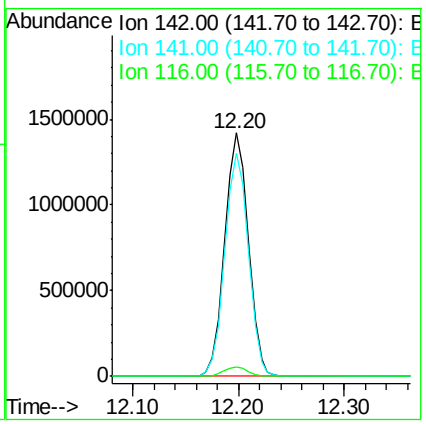


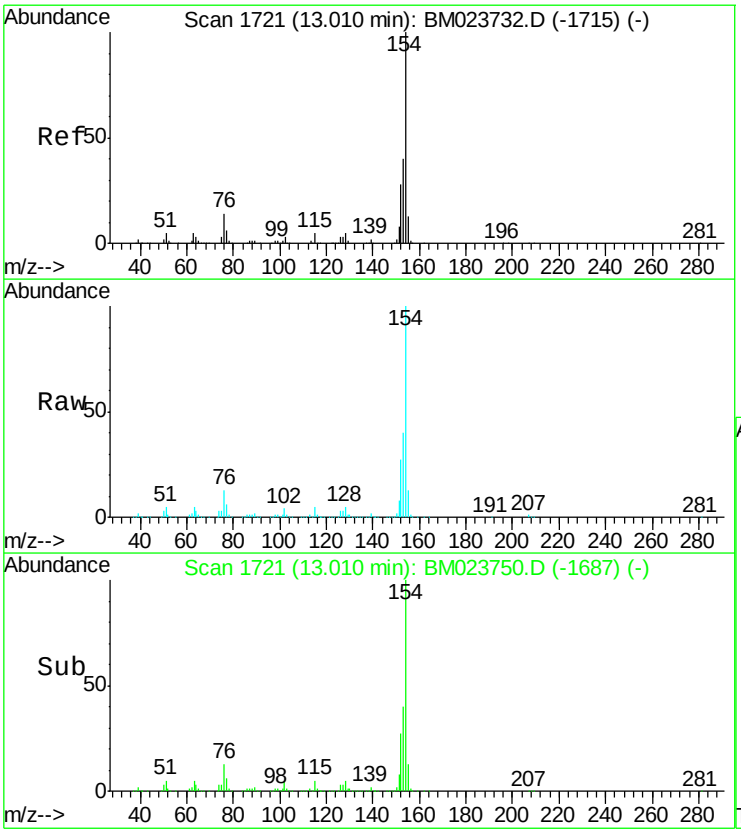
#35
1-Methylnaphthalene
Concen: 38.616 ng/ul
RT: 12.20 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BM023750.D
Acq: 15 Nov 2019 12:00

Instrument :
BNA_M
ClientSampleId :
BEGY8DL

Tgt Ion:142 Resp: 2190224

Ion	Ratio	Lower	Upper
142	100		
141	91.5	74.6	112.0
116	3.8	3.2	4.8

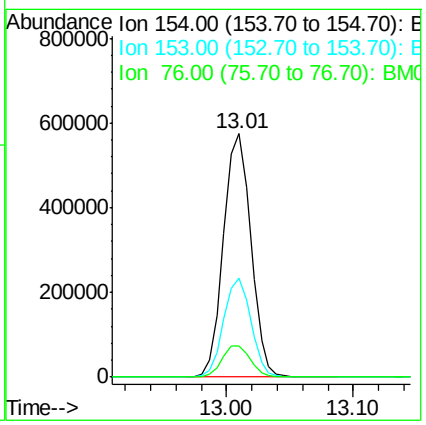


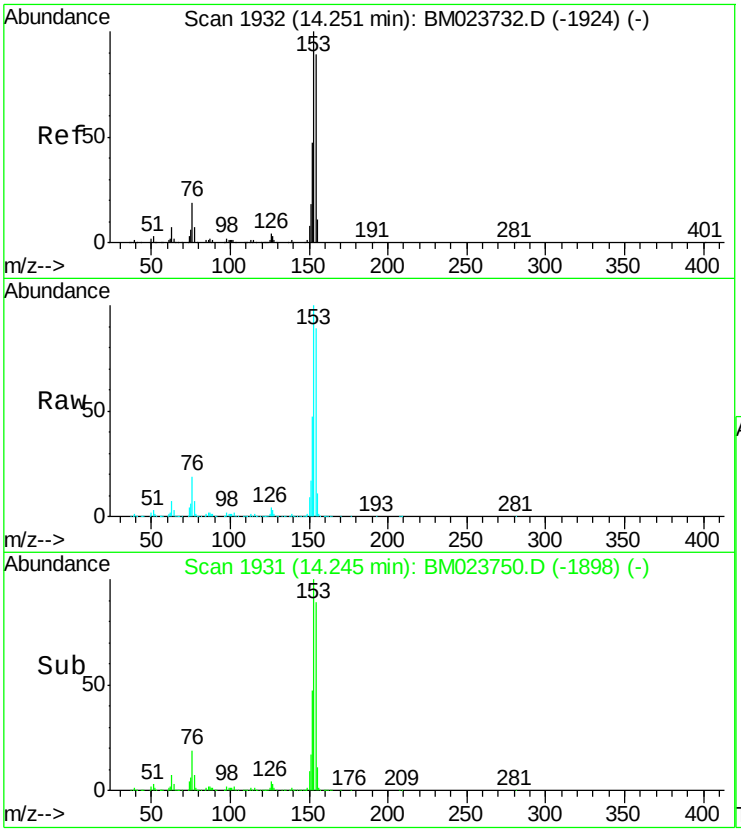


#41
1,1'-Biphenyl
Concen: 12.401 ng/ul
RT: 13.01 min Scan# 1721
Delta R.T. -0.00 min
Lab File: BM023750.D
Acq: 15 Nov 2019 12:00

Tgt Ion:154 Resp: 863805

Ion	Ratio	Lower	Upper
154	100		
153	40.5	32.3	48.5
76	12.9	10.6	15.8



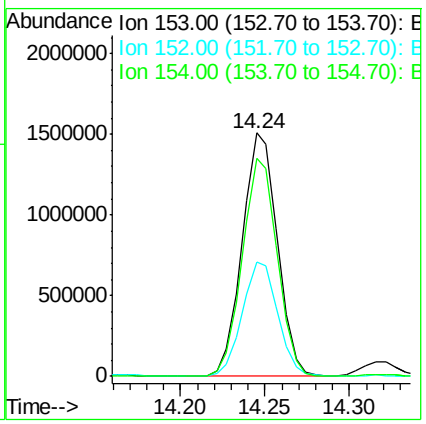


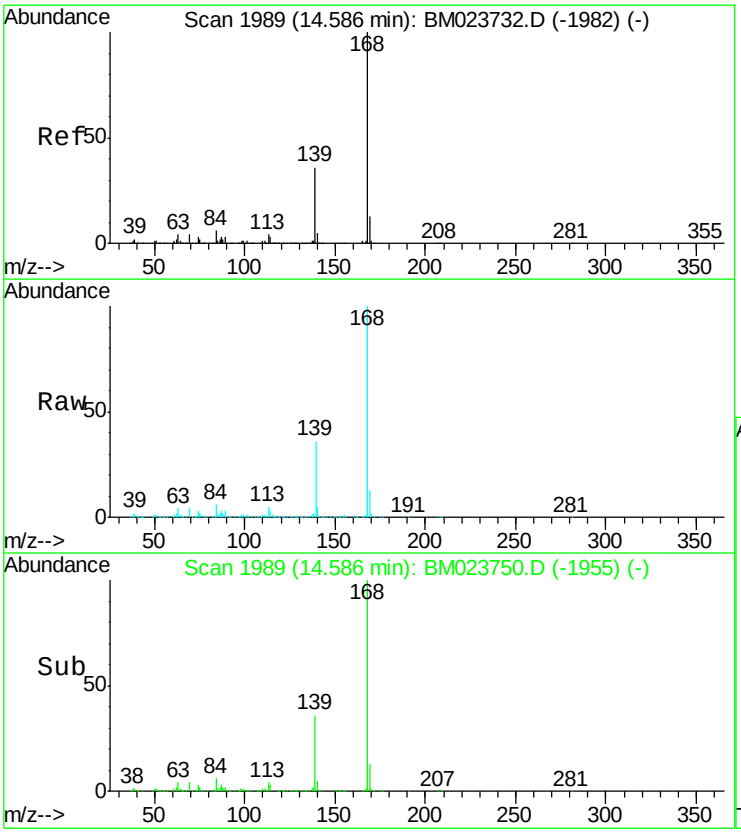
#50
Acenaphthene
Concen: 38.220 ng/ul
RT: 14.24 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BM023750.D
Acq: 15 Nov 2019 12:00

Instrument :
BNA_M
ClientSampleId :
BEGY8DL

Tgt Ion:153 Resp: 2194275

Ion	Ratio	Lower	Upper
153	100		
152	46.8	37.7	56.5
154	89.3	70.6	106.0

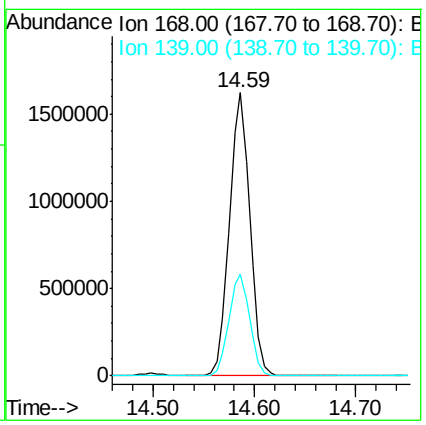


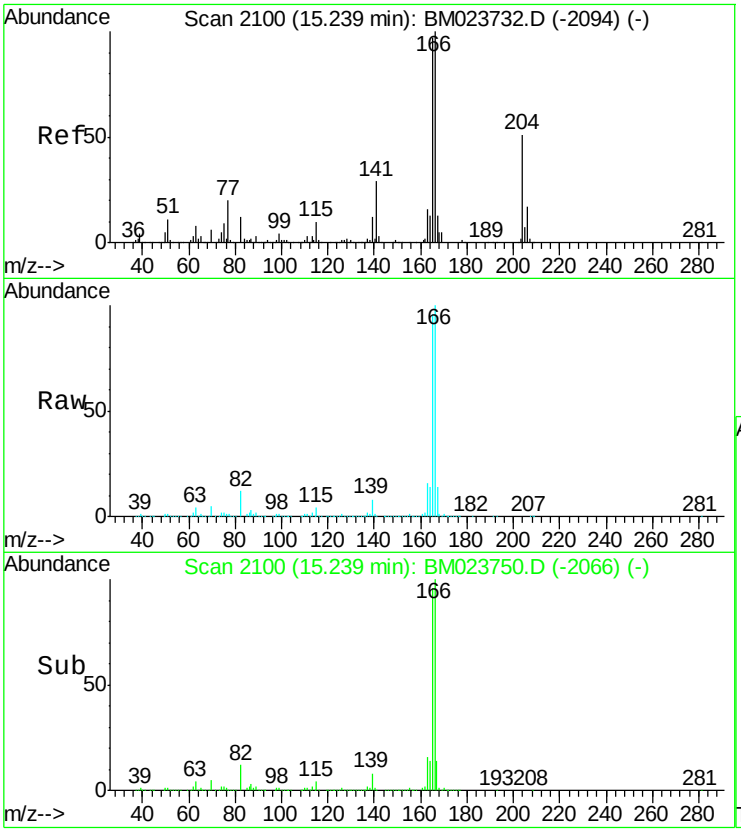


#54
Dibenzofuran
Concen: 26.743 ng/ul
RT: 14.59 min Scan# 1989
Delta R.T. -0.00 min
Lab File: BM023750.D
Acq: 15 Nov 2019 12:00

Tgt Ion:168 Resp: 2272785

Ion	Ratio	Lower	Upper
168	100		
139	35.9	29.3	43.9



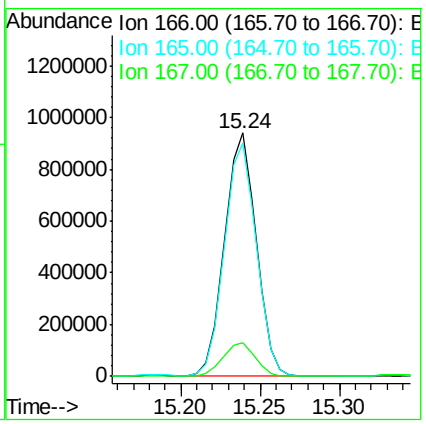


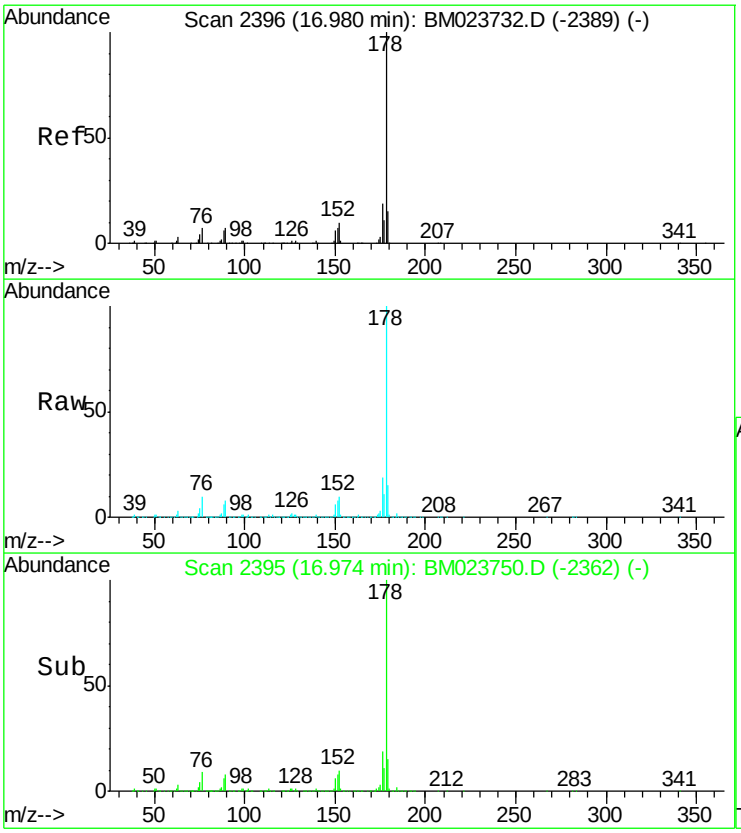
#59
Fluorene
Concen: 18.819 ng/ul
RT: 15.24 min Scan# 2100
Delta R.T. -0.00 min
Lab File: BM023750.D
Acq: 15 Nov 2019 12:00

Instrument :
BNA_M
ClientSampleId :
BEGY8DL

Tgt Ion:166 Resp: 1297555

Ion	Ratio	Lower	Upper
166	100		
165	95.9	77.2	115.8
167	13.8	10.9	16.3

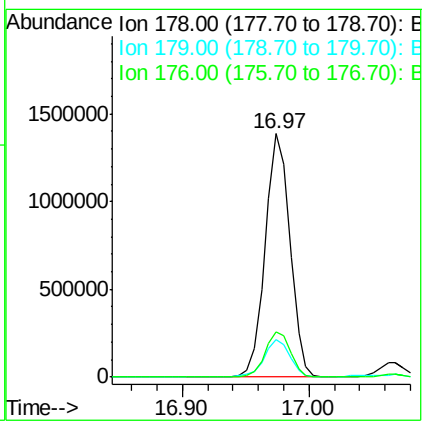


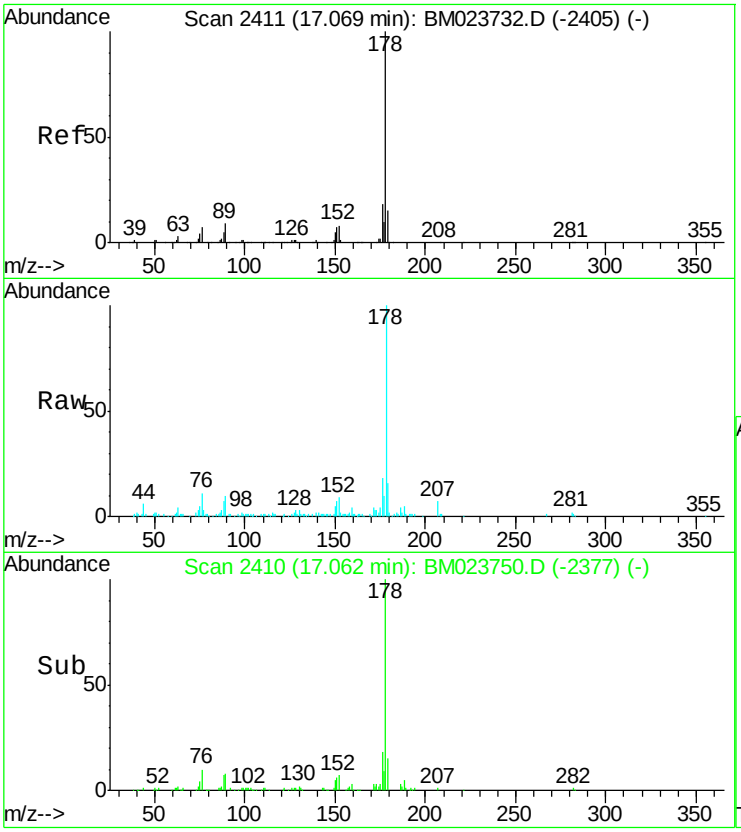


#70
Phenanthrene
Concen: 17.648 ng/ul
RT: 16.97 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BM023750.D
Acq: 15 Nov 2019 12:00

Tgt Ion:178 Resp: 1888964

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.3	18.5
176	18.7	15.0	22.6



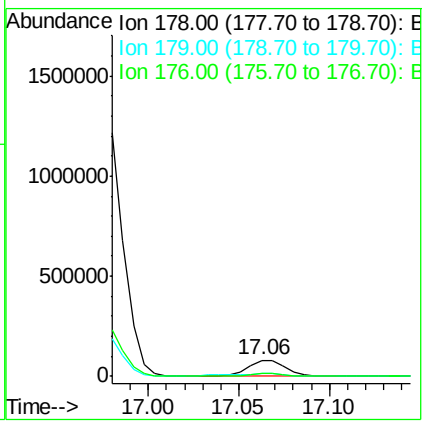


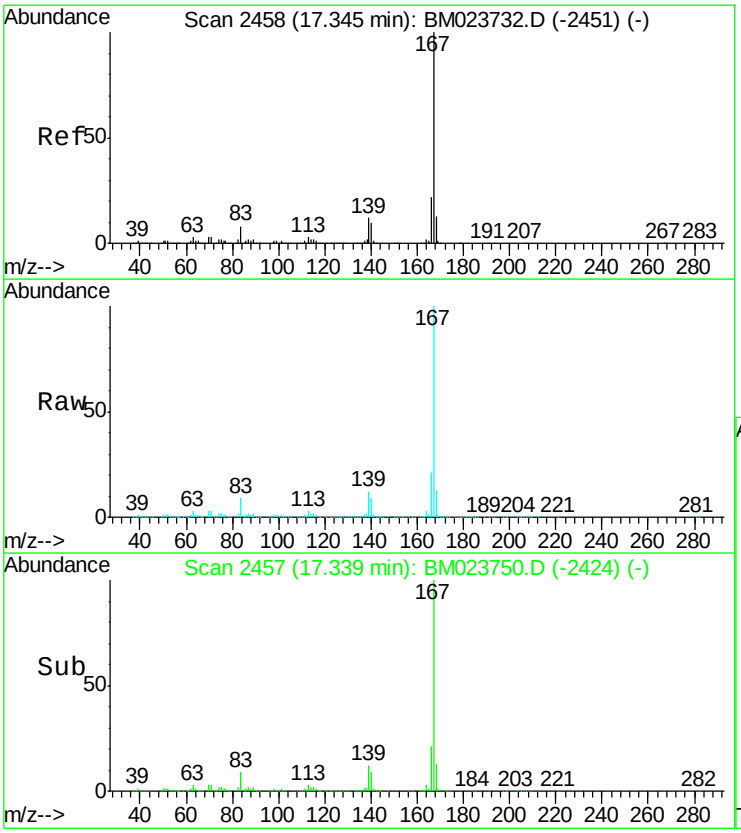
#72
Anthracene
Concen: 1.107 ng/ul
RT: 17.06 min Scan# 2410
Delta R.T. -0.01 min
Lab File: BM023750.D
Acq: 15 Nov 2019 12:00

Instrument :
BNA_M
ClientSampleId :
BEGY8DL

Tgt Ion:178 Resp: 119188

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.3	18.5
176	17.7	14.7	22.1

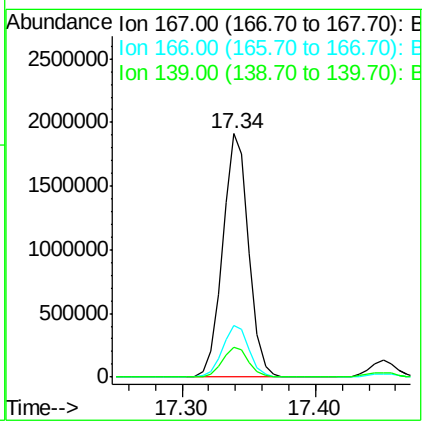


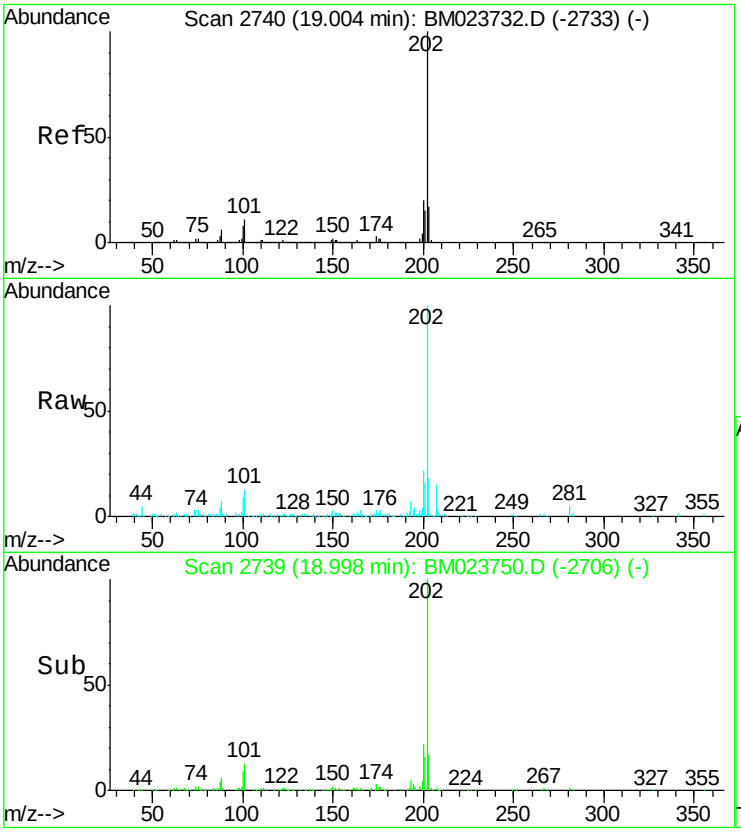


#75
Carbazole
Concen: 28.990 ng/ul
RT: 17.34 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BM023750.D
Acq: 15 Nov 2019 12:00

Tgt Ion:167 Resp: 2600969

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.1	25.7
139	12.3	9.8	14.6





#77
Fluoranthene
Concen: 1.417 ng/ul
RT: 19.00 min Scan# 2739
Delta R.T. -0.01 min
Lab File: BM023750.D
Acq: 15 Nov 2019 12:00

Instrument :
BNA_M
ClientSampleId :
BEGY8DL

Tgt Ion:202 Resp: 162482

Ion	Ratio	Lower	Upper
202	100		
101	12.6	7.7	11.5#
100	8.7	6.0	9.0