Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111419\
Data File : BM023748.D
Acq On : 15 Nov 2019 10:48
Operator : JU
Sample : K5700-10DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEGY9DL

Quant Time: Nov 15 15:13:52 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	370021	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	1501319	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.18	164	940655	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.93	188	2053635	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	2102386	20.00	ng/ul	0.00
86) Perylene-d12	23.29	264	2472151	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.72	99	14610	0.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.88	67	40640	2.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	42177	1.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	27448	1.02	ng/ul	0.00
19) Nitrobenzene-d5	8.68	128	27029	2.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	24539	2.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.93	165	51459	2.00	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.60	166	205377	2.80	ng/ul	0.00
47) Acenaphthylene-d8	13.87	160	202309	2.42	ng/ul	0.00
52) 4-Nitrophenol-d4	14.43	143	3506	0.28	ng/ul	0.02
58) Fluorene-d10	15.18	176	178433	2.75	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.32	200	16487	1.39	ng/ul	0.00
71) Anthracene-d10	17.03	188	290359	2.98	ng/ul	0.00
79) Pyrene-d10	19.33	212	325744	2.97	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.15	264	369093	2.84	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.35	128	8469651	107.333	ng/ul	99
34) 2-Methylnaphthalene	11.97	142	219177	3.631	ng/ul	100
41) 1,1'-Biphenyl	13.01	154	567487	7.820	ng/ul	99
50) Acenaphthene	14.25	153	1166099	19.497	ng/ul	99
54) Dibenzofuran	14.59	168	1520157	17.170	ng/ul	100
59) Fluorene	15.24	166	640011	8.910	ng/ul	100
70) Phenanthrene	16.97	178	817427	7.226	ng/ul	99
75) Carbazole	17.34	167	1783009	18.805	ng/ul	99

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

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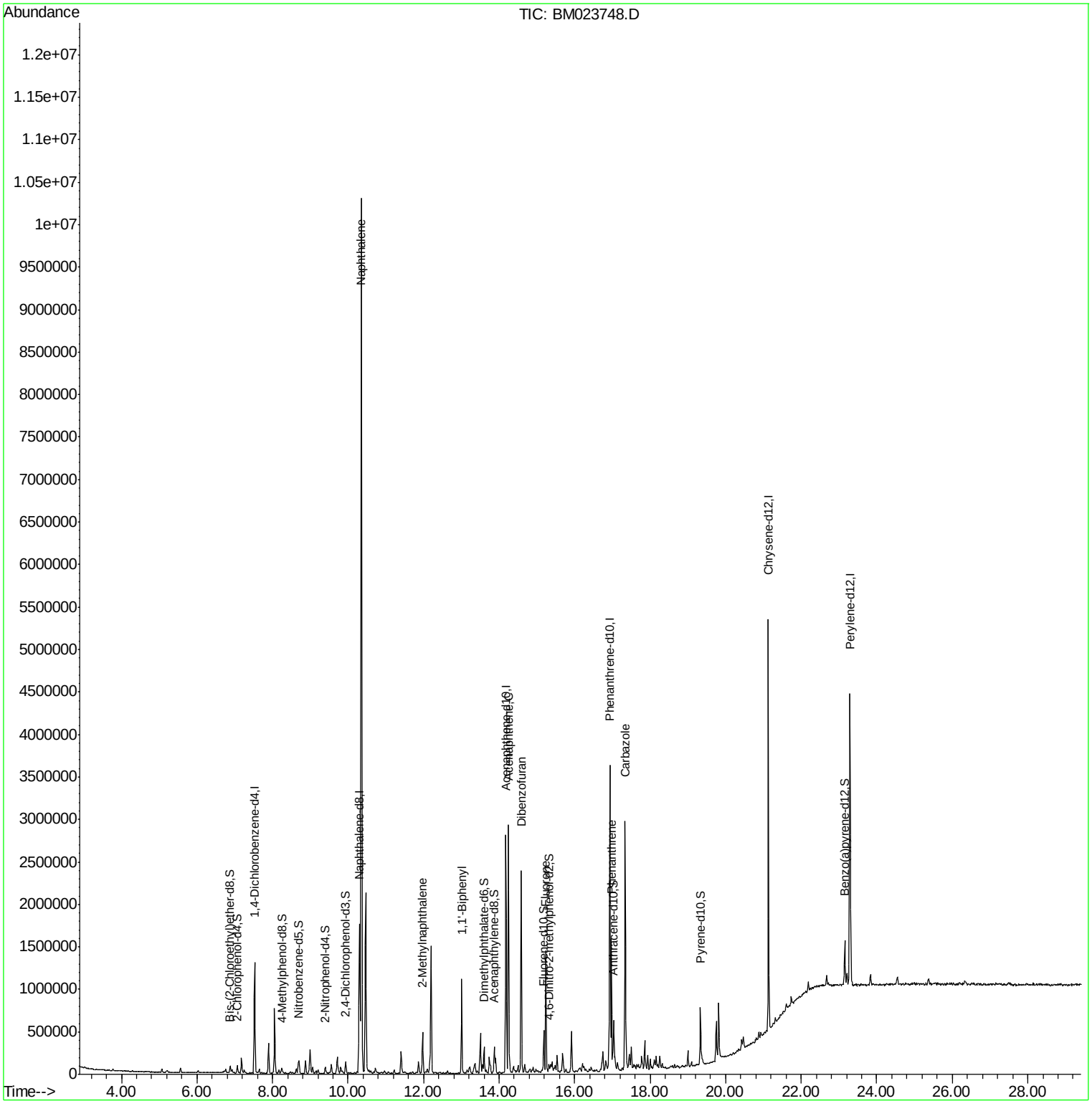
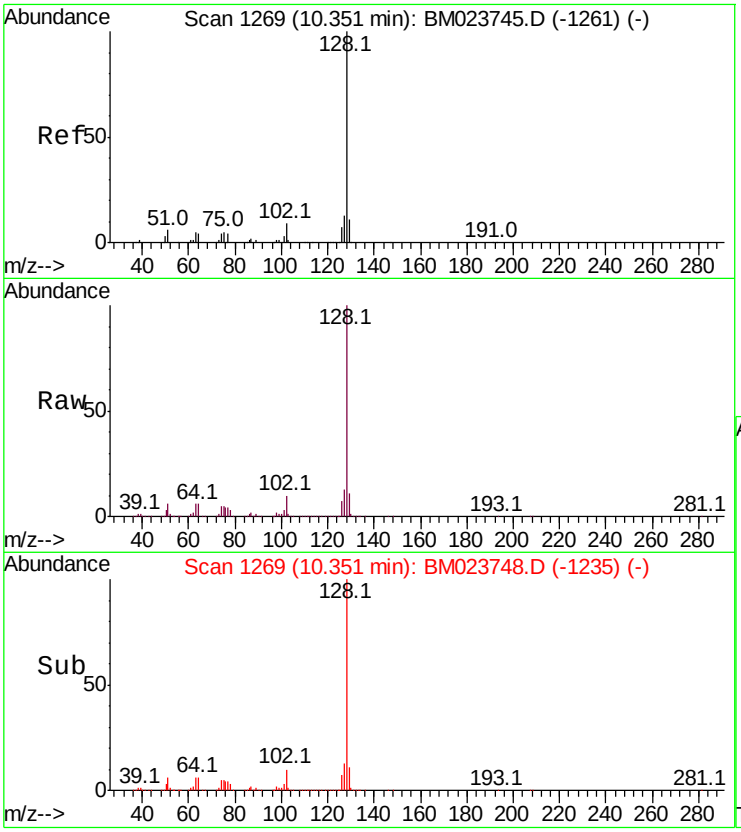


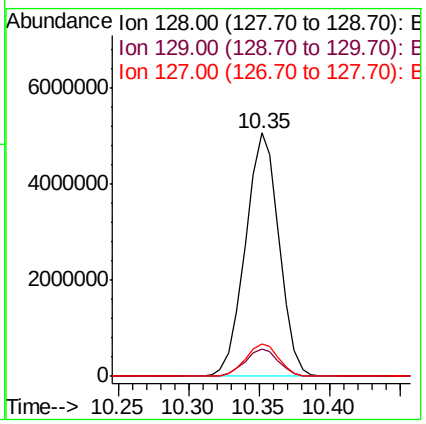


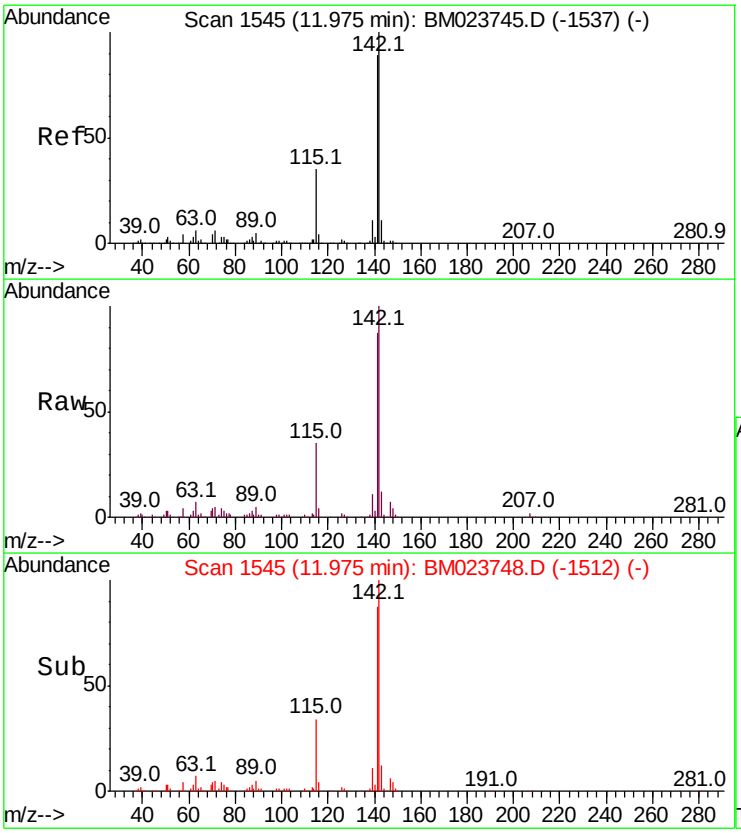
#28
Naphthalene
Concen: 107.333 ng/ul
RT: 10.35 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BM023748.D
Acq: 15 Nov 2019 10:48

Instrument :
BNA_M
ClientSampleId :
BEGY9DL

Tgt Ion:128 Resp: 8469651

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.7	13.1
127	13.5	10.6	16.0

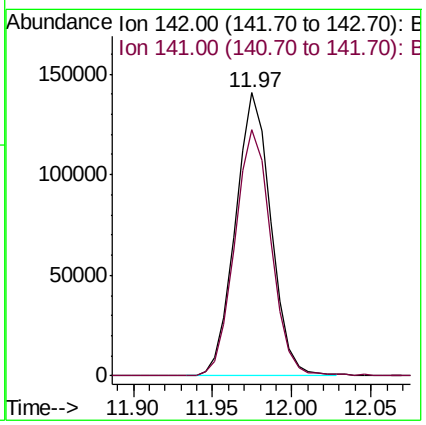


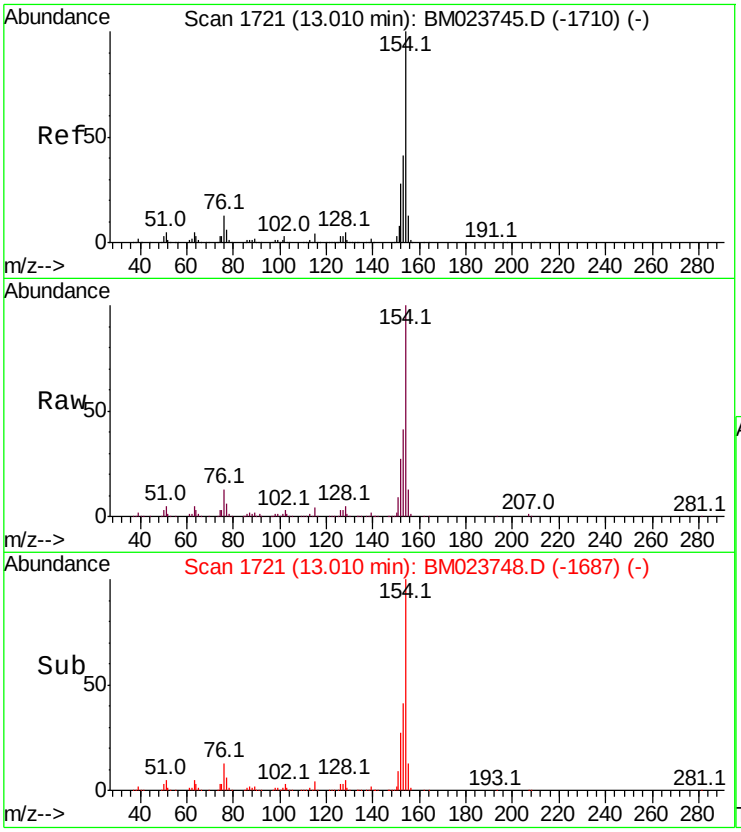


#34
2-Methylnaphthalene
Concen: 3.631 ng/ul
RT: 11.97 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BM023748.D
Acq: 15 Nov 2019 10:48

Tgt Ion:142 Resp: 219177

Ion	Ratio	Lower	Upper
142	100		
141	86.9	69.8	104.8



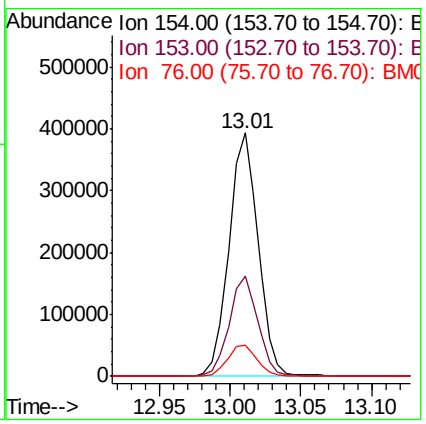


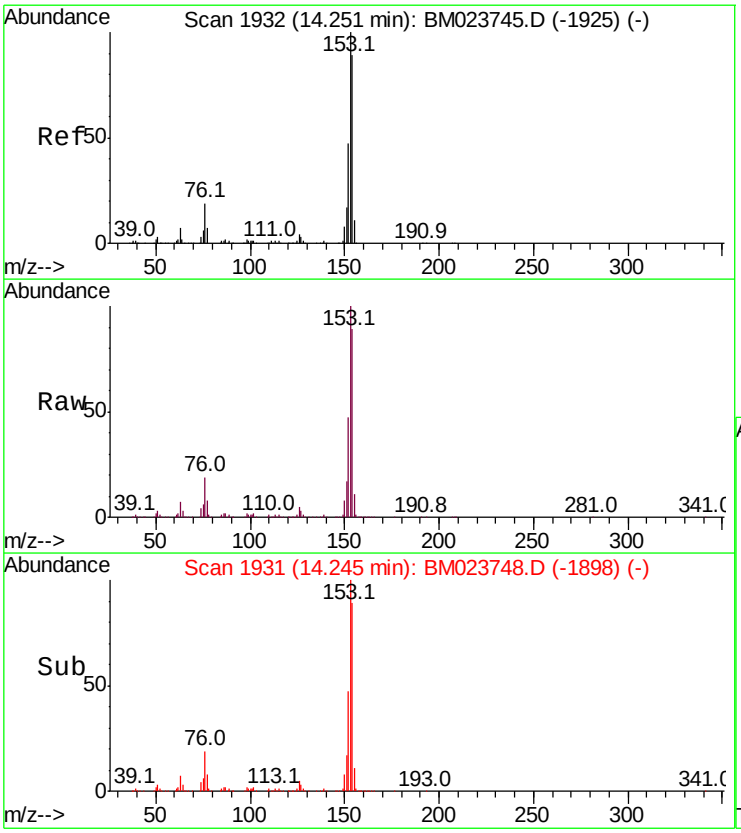
#41
1,1'-Biphenyl
Concen: 7.820 ng/ul
RT: 13.01 min Scan# 1721
Delta R.T. 0.00 min
Lab File: BM023748.D
Acq: 15 Nov 2019 10:48

Instrument :
BNA_M
ClientSampleId :
BEGY9DL

Tgt Ion:154 Resp: 567487

Ion	Ratio	Lower	Upper
154	100		
153	41.1	32.3	48.5
76	12.8	10.6	15.8

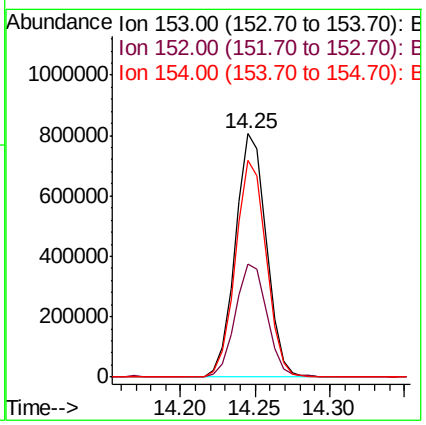


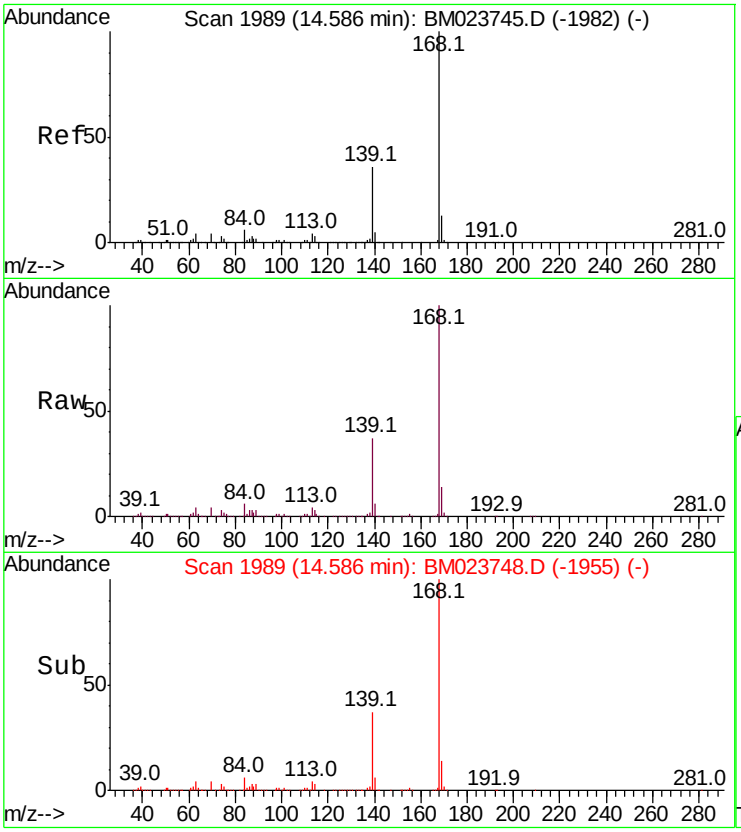


#50
Acenaphthene
Concen: 19.497 ng/ul
RT: 14.25 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BM023748.D
Acq: 15 Nov 2019 10:48

Tgt Ion:153 Resp: 1166099

Ion	Ratio	Lower	Upper
153	100		
152	46.6	37.7	56.5
154	89.0	70.6	106.0



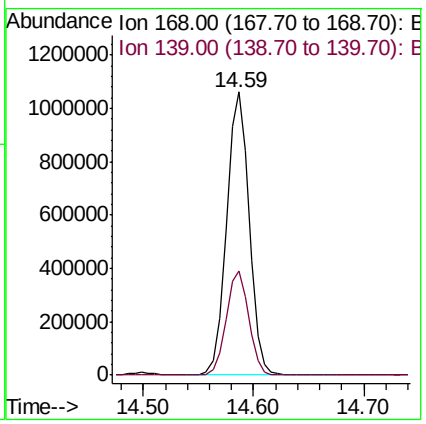


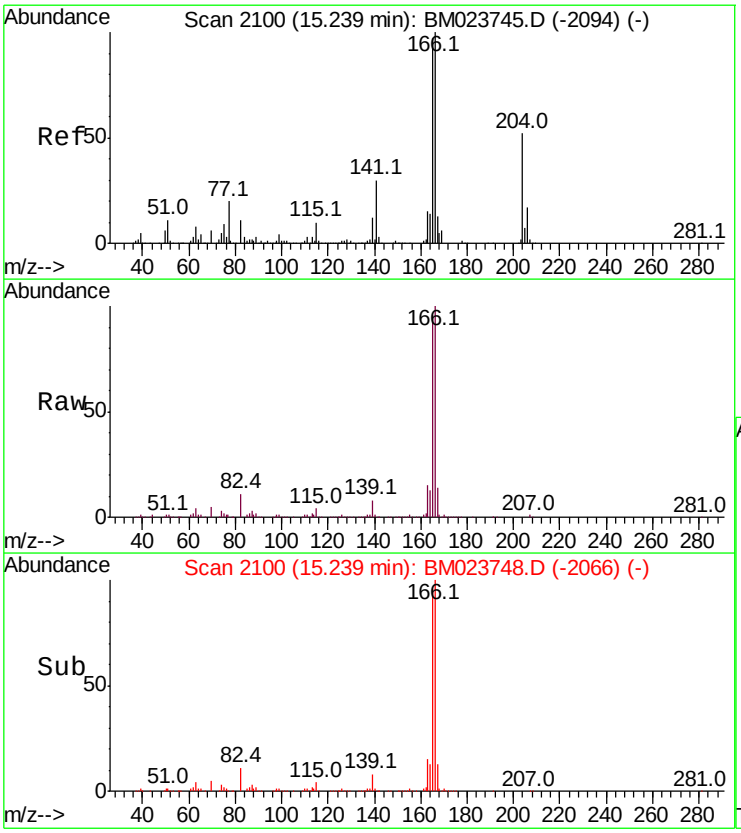
#54
Dibenzofuran
Concen: 17.170 ng/ul
RT: 14.59 min Scan# 1989
Delta R.T. 0.00 min
Lab File: BM023748.D
Acq: 15 Nov 2019 10:48

Instrument :
BNA_M
ClientSampleId :
BEGY9DL

Tgt Ion:168 Resp: 1520157

Ion	Ratio	Lower	Upper
168	100		
139	36.8	29.3	43.9

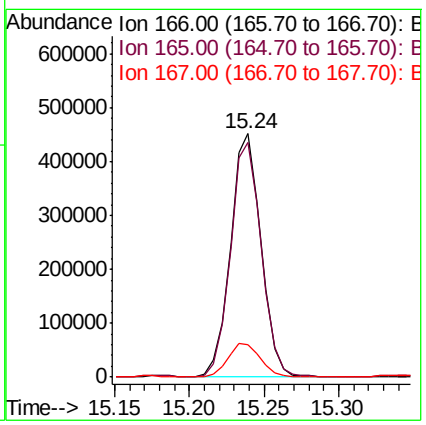


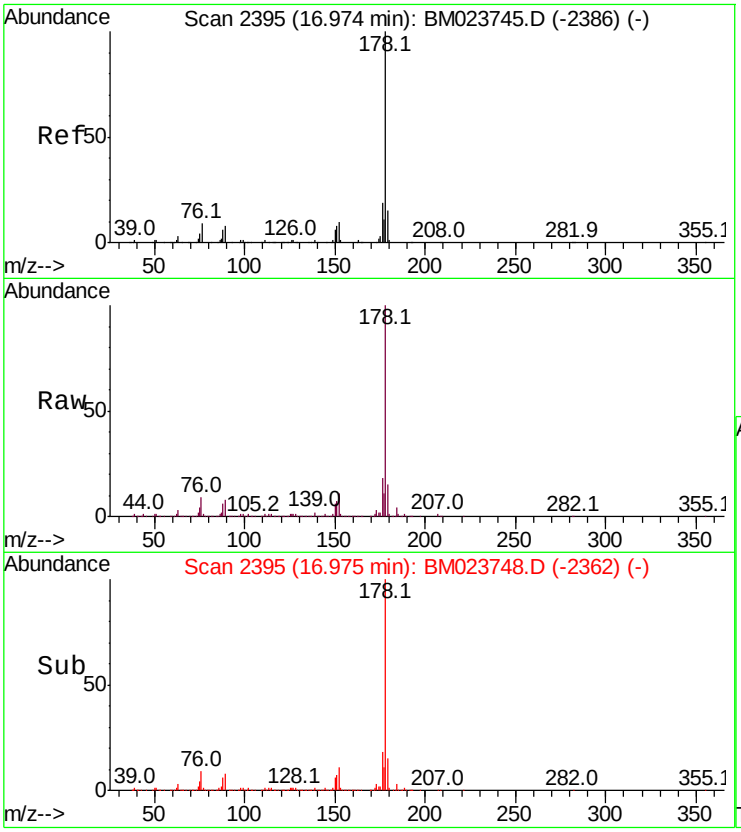


#59
Fluorene
Concen: 8.910 ng/ul
RT: 15.24 min Scan# 2100
Delta R.T. 0.00 min
Lab File: BM023748.D
Acq: 15 Nov 2019 10:48

Tgt Ion:166 Resp: 640011

Ion	Ratio	Lower	Upper
166	100		
165	96.5	77.2	115.8
167	13.6	10.9	16.3



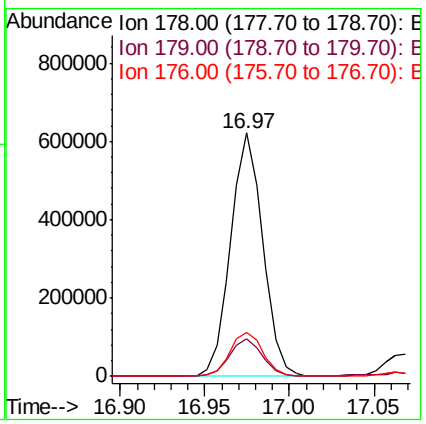


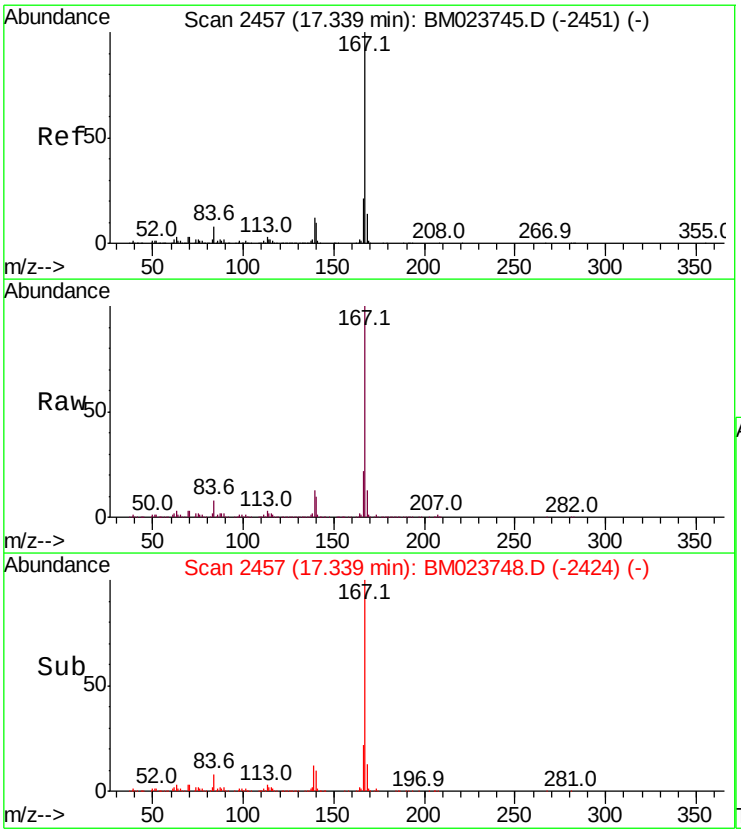
#70
Phenanthrene
Concen: 7.226 ng/ul
RT: 16.97 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BM023748.D
Acq: 15 Nov 2019 10:48

Instrument :
BNA_M
ClientSampleId :
BEGY9DL

Tgt Ion:178 Resp: 817427

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.3	18.5
176	18.0	15.0	22.6





#75
Carbazole
Concen: 18.805 ng/ul
RT: 17.34 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BM023748.D
Acq: 15 Nov 2019 10:48

Tgt Ion:167 Resp: 1783009

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.1	25.7
139	12.5	9.8	14.6