Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM111419\
Data File : BM023754.D
Acq On : 15 Nov 2019 15:29
Operator : JU
Sample : K5700-16DL2 100X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEGY8DL2

Quant Time: Nov 15 16:21:36 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	7.52	152	393708	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	1603064	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.18	164	967210	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.93	188	2001882	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	2014039	20.00	ng/ul	0.00
86) Perylene-d12	23.29	264	2444252	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	235	0.02	ng/uL	0.00
5) Phenol-d5	6.73	99	1527	0.04	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.88	67	4642	0.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	4222	0.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	2268	0.08	ng/ul	0.01
19) Nitrobenzene-d5	8.69	128	2941	0.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	1791	0.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	3247	0.12	ng/ul	0.01
29) 4-Chloroaniline-d4	10.42	131	2306	0.08	ng/ul	-0.02
44) Dimethylphthalate-d6	13.60	166	17933	0.24	ng/ul	0.00
47) Acenaphthylene-d8	13.87	160	17335	0.20	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.18	176	17236	0.26	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	591	0.05	ng/ul	0.00
71) Anthracene-d10	16.93	188	2001882	21.08	ng/ul	-0.11
79) Pyrene-d10	19.33	212	26880	0.26	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	31281	0.24	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.35	128	3933023	46.679	ng/ul	100
30) 4-Chloroaniline	10.35	127	511328	16.473	ng/ul#	11
34) 2-Methylnaphthalene	11.97	142	65841	1.022	ng/ul	94
35) 1-Methylnaphthalene	12.20	142	209875	3.302	ng/ul	98
41) 1,1'-Biphenyl	13.01	154	78213	1.048	ng/ul	99
50) Acenaphthene	14.25	153	203744	3.313	ng/ul	99
54) Dibenzofuran	14.59	168	207543	2.280	ng/ul	100
59) Fluorene	15.24	166	113609	1.538	ng/ul	95
70) Phenanthrene	16.97	178	165683	1.503	ng/ul	100
72) Anthracene	16.97	178	165683	1.494	ng/ul	99
75) Carbazole	17.34	167	197371	2.135	ng/ul	99

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

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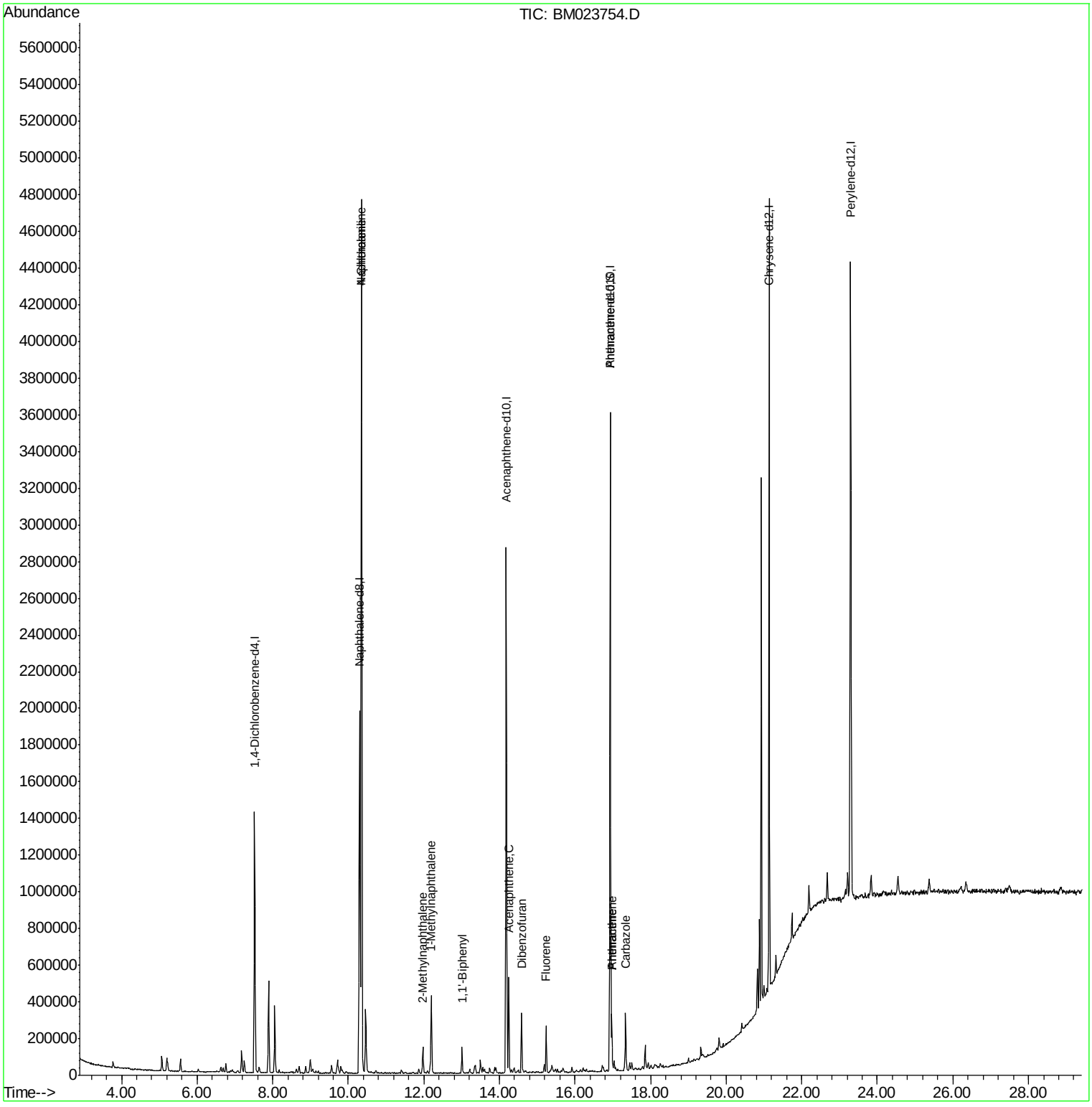
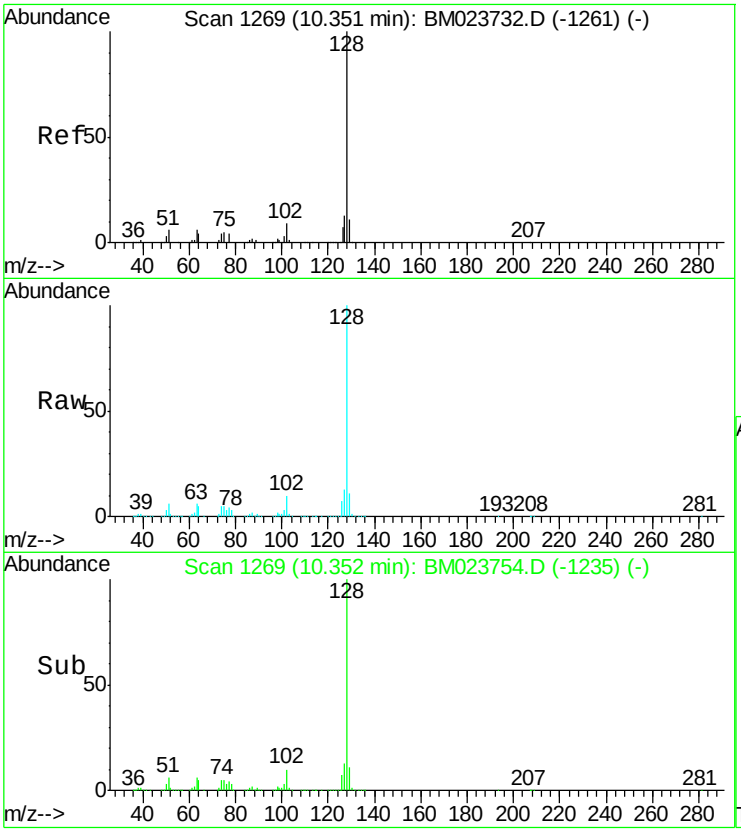


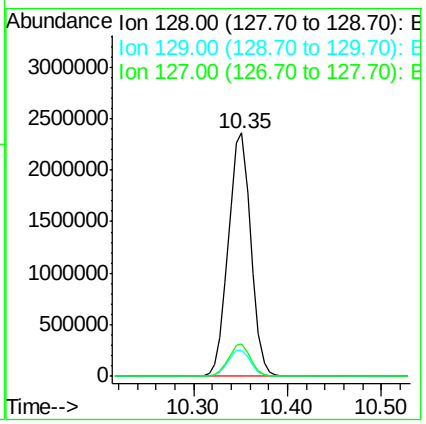


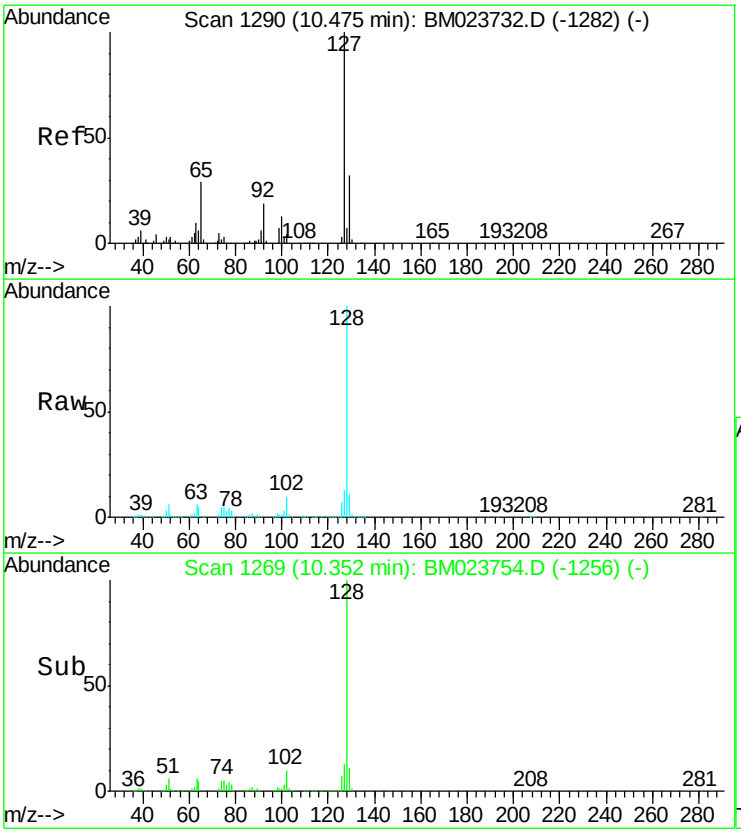
#28
Naphthalene
Concen: 46.679 ng/ul
RT: 10.35 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BM023754.D
Acq: 15 Nov 2019 15:29

Instrument :
BNA_M
ClientSampleId :
BEGY8DL2

Tgt Ion:128 Resp: 3933023

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.7	13.1
127	13.1	10.6	16.0

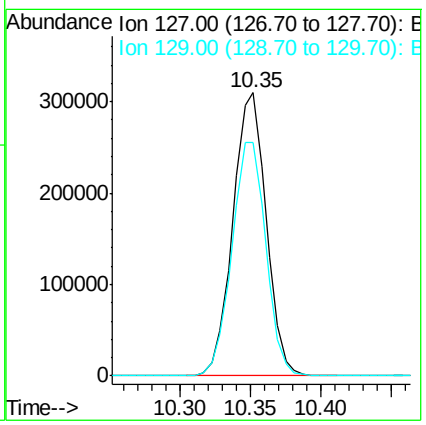


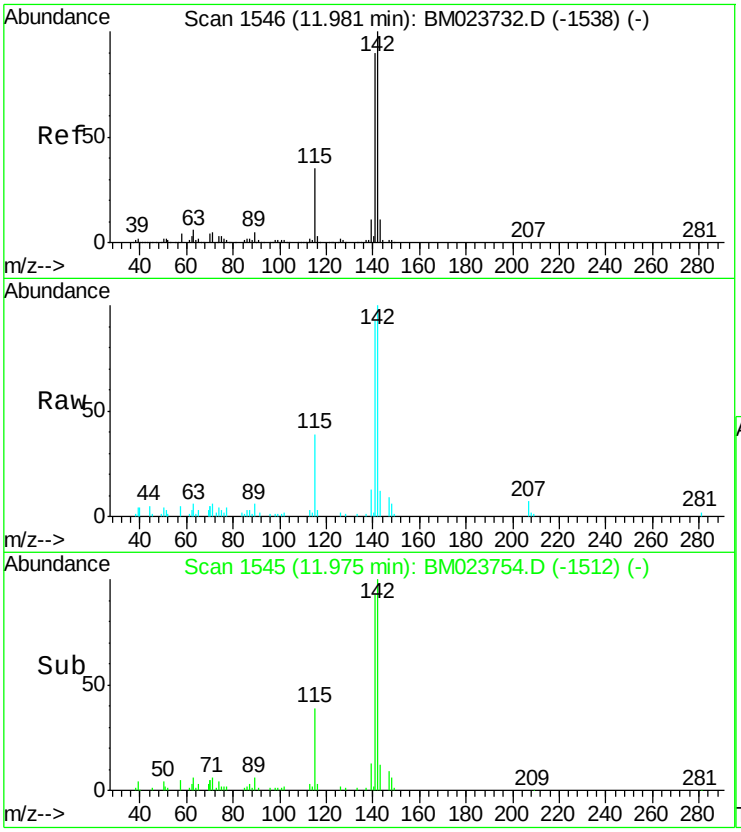


#30
4-Chloroaniline
Concen: 16.473 ng/ul
RT: 10.35 min Scan# 1269
Delta R.T. -0.12 min
Lab File: BM023754.D
Acq: 15 Nov 2019 15:29

Tgt Ion:127 Resp: 511328

Ion	Ratio	Lower	Upper
127	100		
129	82.4	26.1	39.1#



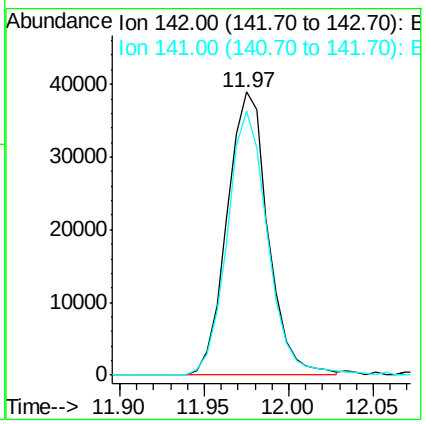


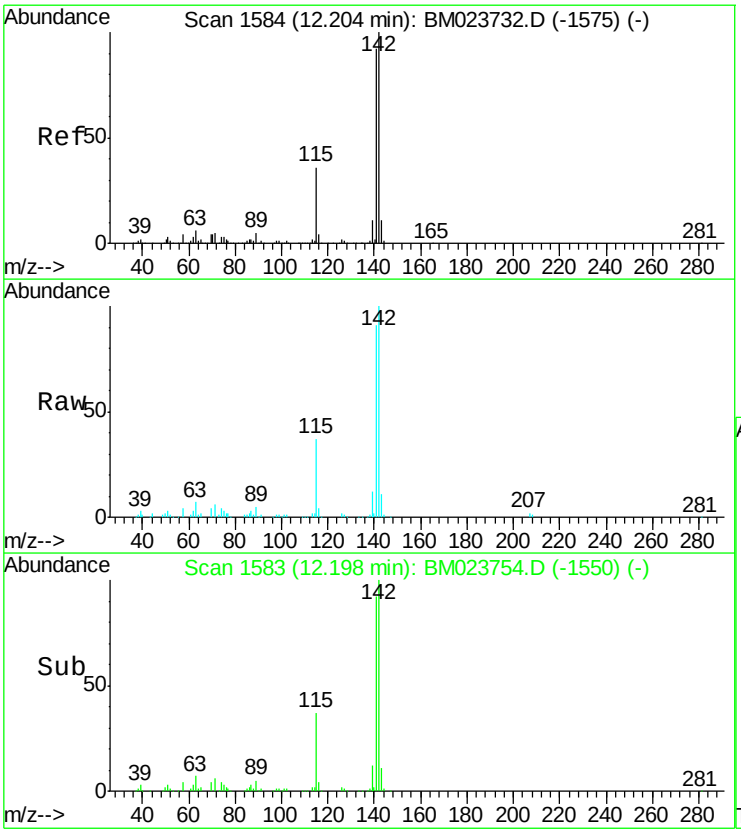
#34
2-Methylnaphthalene
Concen: 1.022 ng/ul
RT: 11.97 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BM023754.D
Acq: 15 Nov 2019 15:29

Instrument :
BNA_M
ClientSampleId :
BEGY8DL2

Tgt Ion:142 Resp: 65841

Ion	Ratio	Lower	Upper
142	100		
141	93.2	69.8	104.8

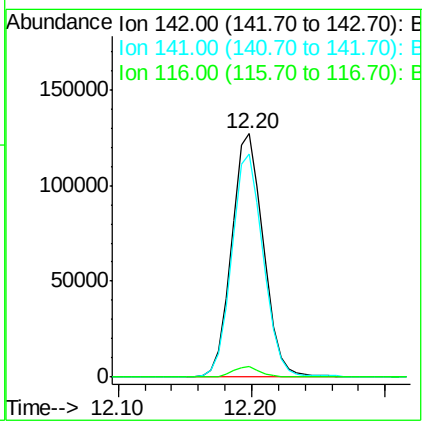


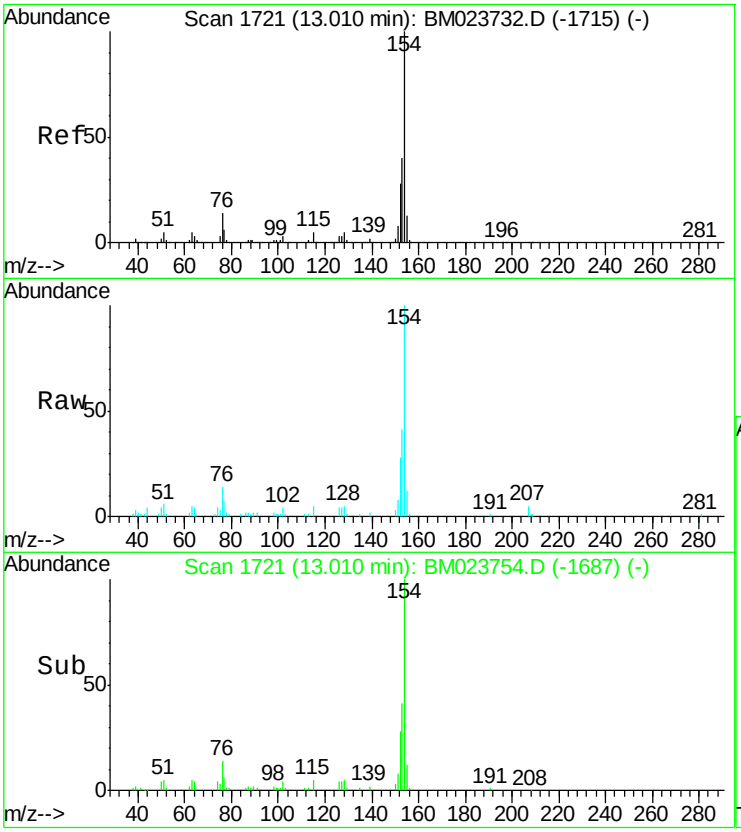


#35
1-Methylnaphthalene
Concen: 3.302 ng/ul
RT: 12.20 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BM023754.D
Acq: 15 Nov 2019 15:29

Tgt Ion:142 Resp: 209875

Ion	Ratio	Lower	Upper
142	100		
141	91.5	74.6	112.0
116	4.2	3.2	4.8



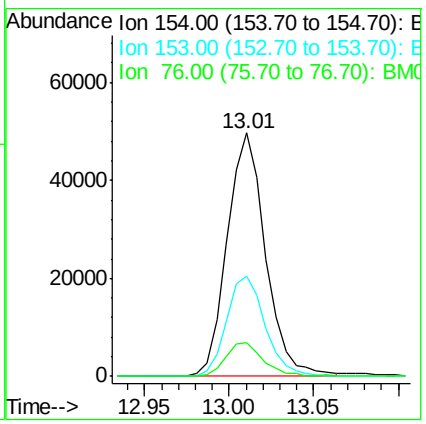


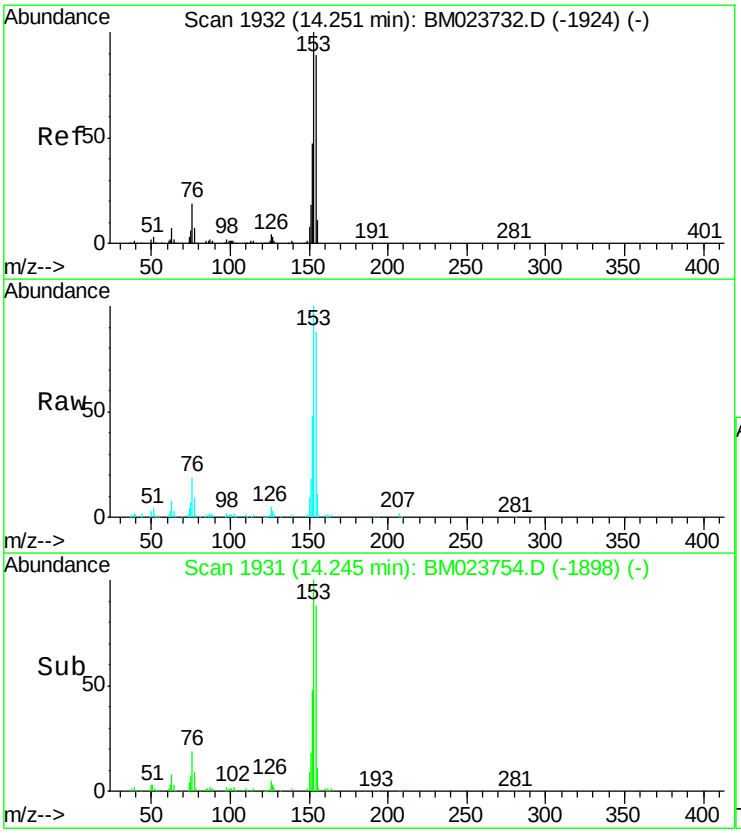
#41
1,1'-Biphenyl
Concen: 1.048 ng/ul
RT: 13.01 min Scan# 1721
Delta R.T. 0.00 min
Lab File: BM023754.D
Acq: 15 Nov 2019 15:29

Instrument :
BNA_M
ClientSampleId :
BEGY8DL2

Tgt Ion:154 Resp: 78213

Ion	Ratio	Lower	Upper
154	100		
153	41.0	32.3	48.5
76	13.7	10.6	15.8

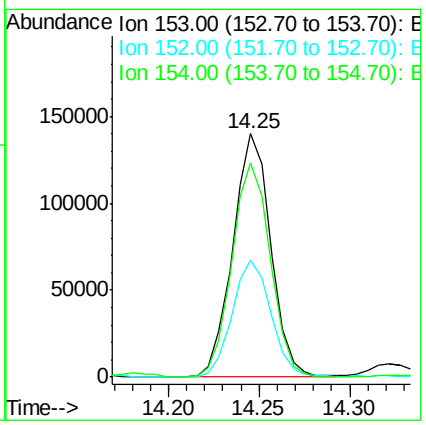


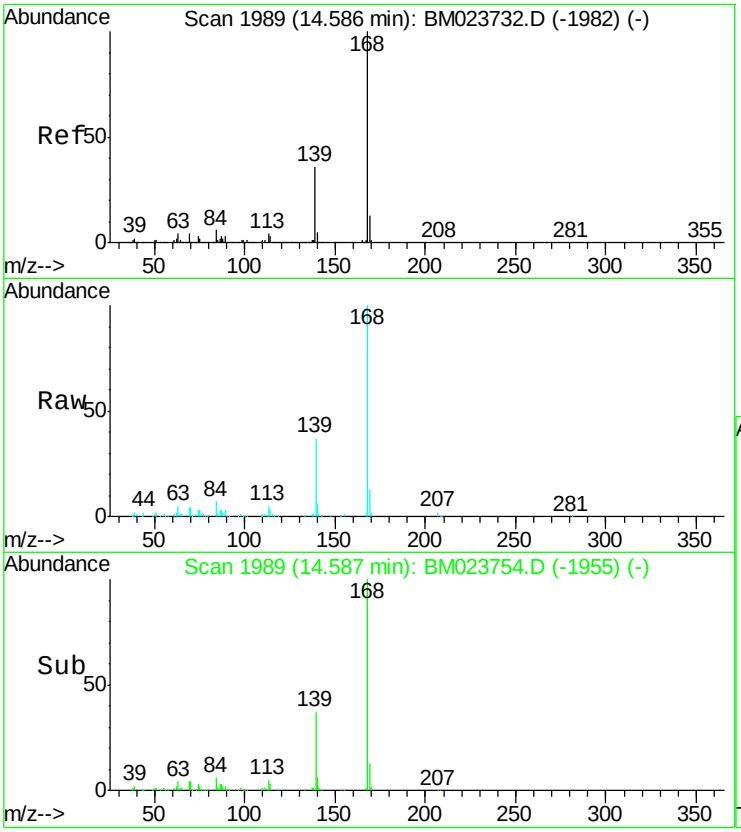


#50
Acenaphthene
Concen: 3.313 ng/ul
RT: 14.25 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BM023754.D
Acq: 15 Nov 2019 15:29

Tgt Ion:153 Resp: 203744

Ion	Ratio	Lower	Upper
153	100		
152	48.2	37.7	56.5
154	88.1	70.6	106.0



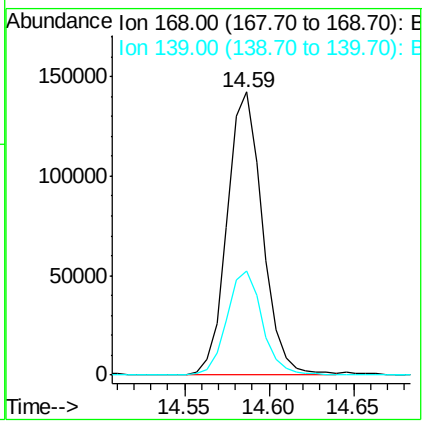


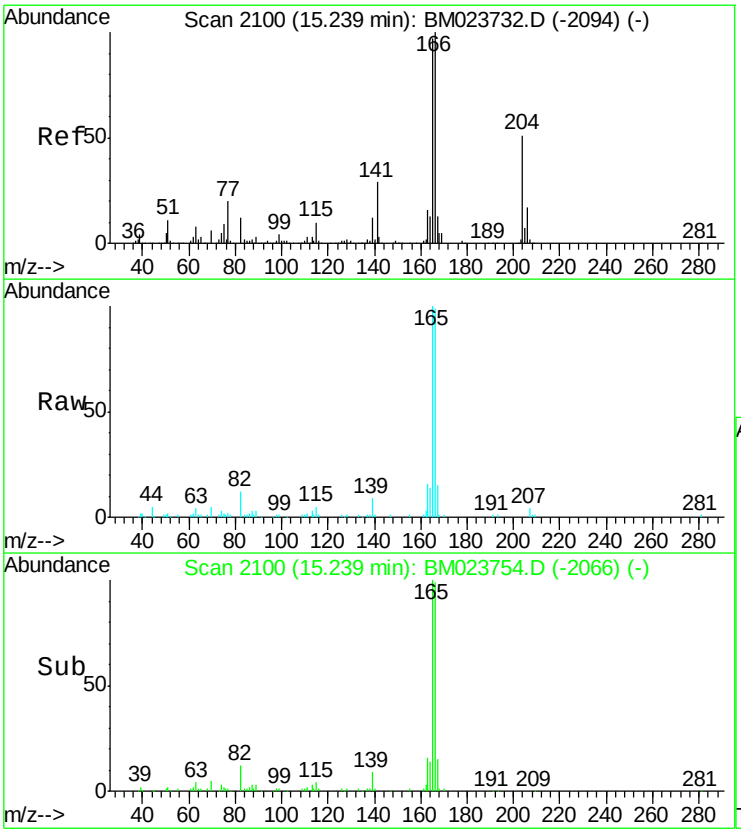
#54
Dibenzofuran
Concen: 2.280 ng/ul
RT: 14.59 min Scan# 1989
Delta R.T. 0.00 min
Lab File: BM023754.D
Acq: 15 Nov 2019 15:29

Instrument :
BNA_M
ClientSampleId :
BEGY8DL2

Tgt Ion:168 Resp: 207543

Ion	Ratio	Lower	Upper
168	100		
139	36.7	29.3	43.9

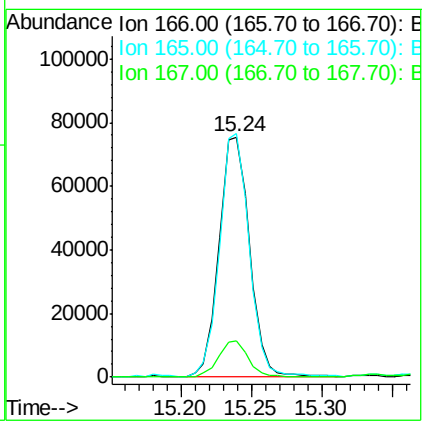


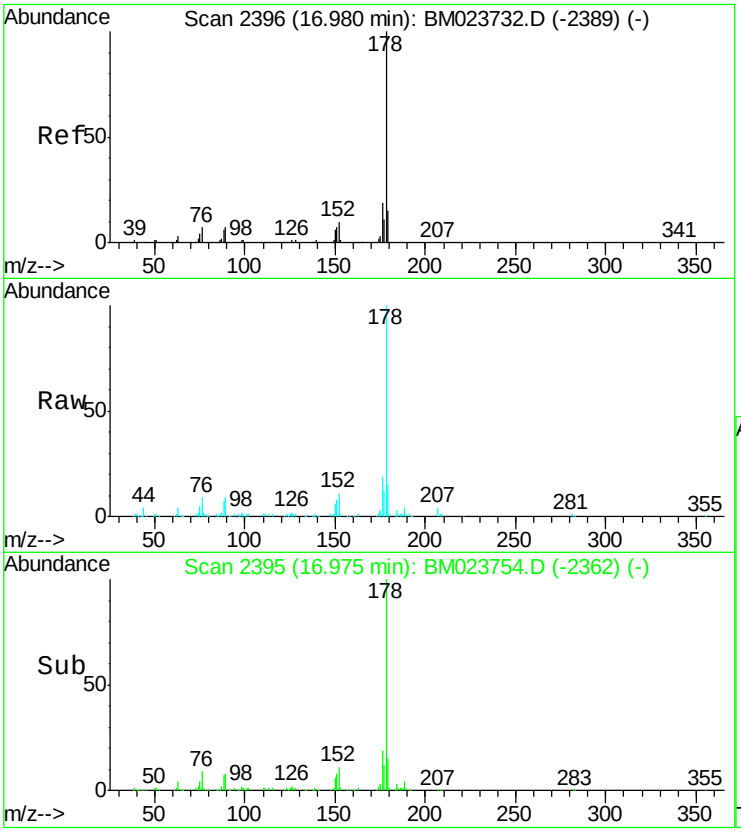


#59
Fluorene
Concen: 1.538 ng/ul
RT: 15.24 min Scan# 2100
Delta R.T. 0.00 min
Lab File: BM023754.D
Acq: 15 Nov 2019 15:29

Tgt Ion:166 Resp: 113609

Ion	Ratio	Lower	Upper
166	100		
165	101.4	77.2	115.8
167	15.1	10.9	16.3



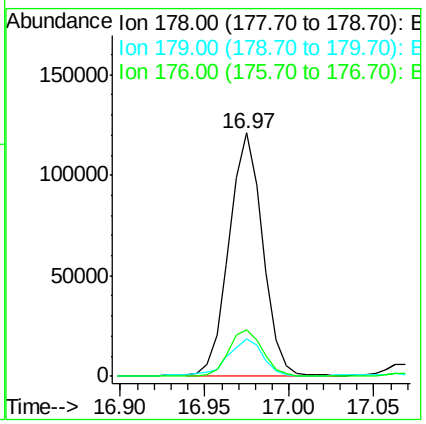


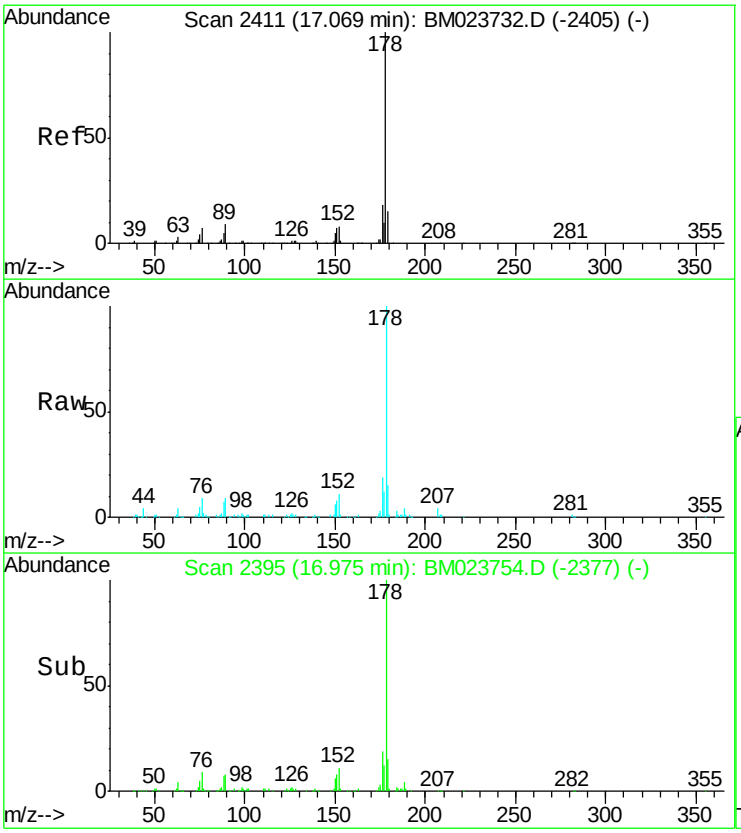
#70
Phenanthrene
Concen: 1.503 ng/ul
RT: 16.97 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BM023754.D
Acq: 15 Nov 2019 15:29

Instrument :
BNA_M
ClientSampleId :
BEGY8DL2

Tgt Ion:178 Resp: 165683

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	19.0	15.0	22.6

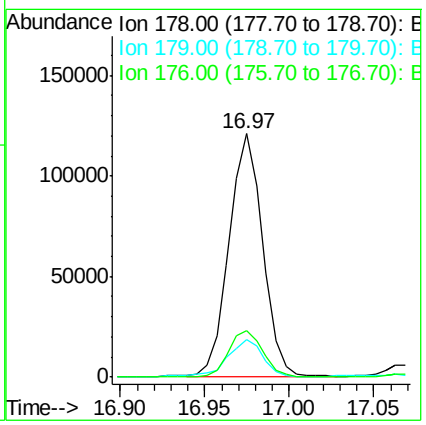


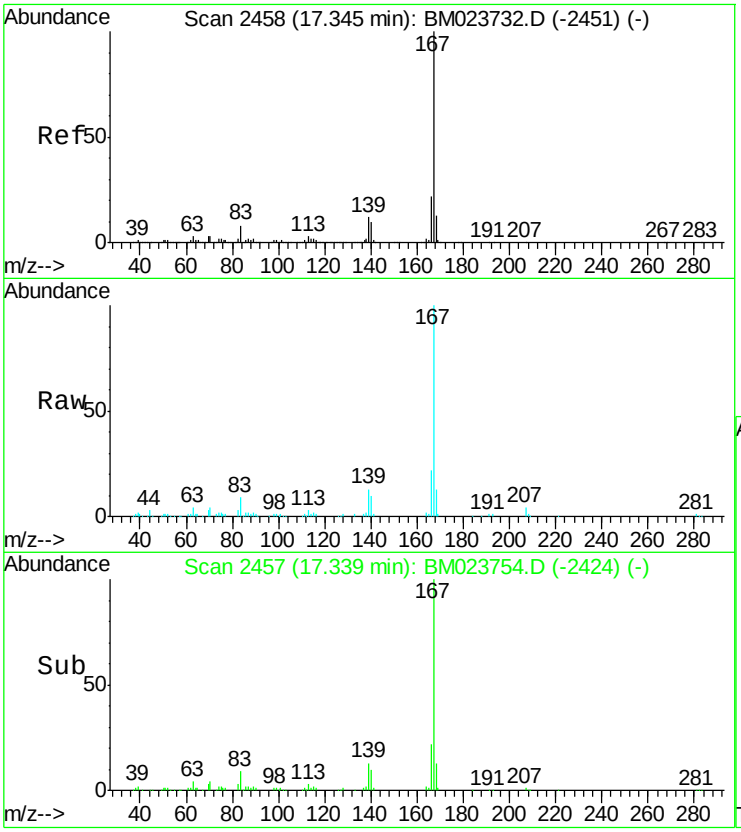


#72
Anthracene
Concen: 1.494 ng/ul
RT: 16.97 min Scan# 2395
Delta R.T. -0.09 min
Lab File: BM023754.D
Acq: 15 Nov 2019 15:29

Tgt Ion:178 Resp: 165683

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	19.0	14.7	22.1





#75
Carbazole
Concen: 2.135 ng/ul
RT: 17.34 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BM023754.D
Acq: 15 Nov 2019 15:29

Instrument :
BNA_M
ClientSampleId :
BEGY8DL2

Tgt Ion:167 Resp: 197371

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.1	25.7
139	12.8	9.8	14.6