Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022872.D
Acq On : 02 Oct 2019 02:32
Operator : JU
Sample : K4983-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDJ4

Quant Time: Oct 02 13:28:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 27 18:03:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	301788	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	1355744	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.44	164	840095	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.17	188	1628959	20.00	ng/ul	-0.01
78) Chrysene-d12	21.36	240	1240926	20.00	ng/ul	-0.01
86) Perylene-d12	23.62	264	1187951	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	32893	4.71	ng/uL	0.00
5) Phenol-d5	6.97	99	172535	6.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	312886	21.44	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.33	132	386921	18.02	ng/ul	-0.01
13) 4-Methylphenol-d8	8.50	113	284189	13.02	ng/ul	-0.01
19) Nitrobenzene-d5	8.96	128	225076	21.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	245521	21.49	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.22	165	451714	19.86	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.73	131	438595	15.87	ng/ul	0.00
44) Dimethylphthalate-d6	13.84	166	1526619	23.41	ng/ul	-0.01
47) Acenaphthylene-d8	14.13	160	1649102	21.91	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.63	143	82458	6.40	ng/ul	-0.01
58) Fluorene-d10	15.43	176	1254518	22.58	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.54	200	227026	21.42	ng/ul	-0.01
71) Anthracene-d10	17.27	188	1990131	25.02	ng/ul	-0.01
79) Pyrene-d10	19.57	212	2059632	30.84	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.47	264	1577777	25.67	ng/ul	-0.02
Target Compounds						Qvalue
4) Benzaldehyde	6.95	77	24951	2.065	ng/ul#	51
6) Phenol	6.99	94	40723	1.457	ng/ul	92
28) Naphthalene	10.65	128	174061	2.377	ng/ul	98
34) 2-Methylnaphthalene	12.26	142	214035	3.899	ng/ul	99
45) Dimethylphthalate	13.89	163	153630	2.294	ng/ul	100
50) Acenaphthene	14.50	153	119169	2.105	ng/ul	99
59) Fluorene	15.49	166	66396	1.016	ng/ul	99
70) Phenanthrene	17.22	178	198793	2.045	ng/ul	100

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

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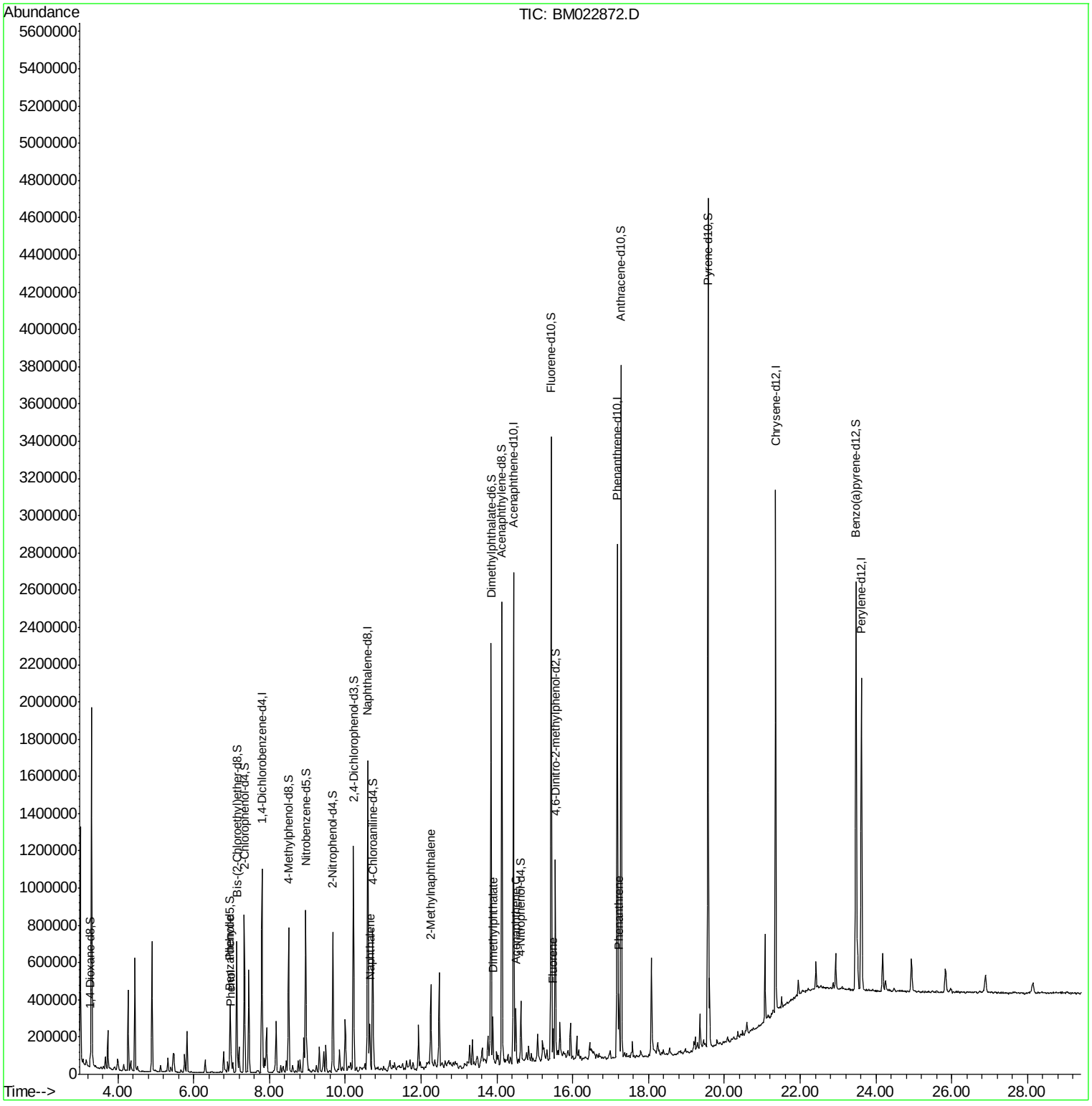
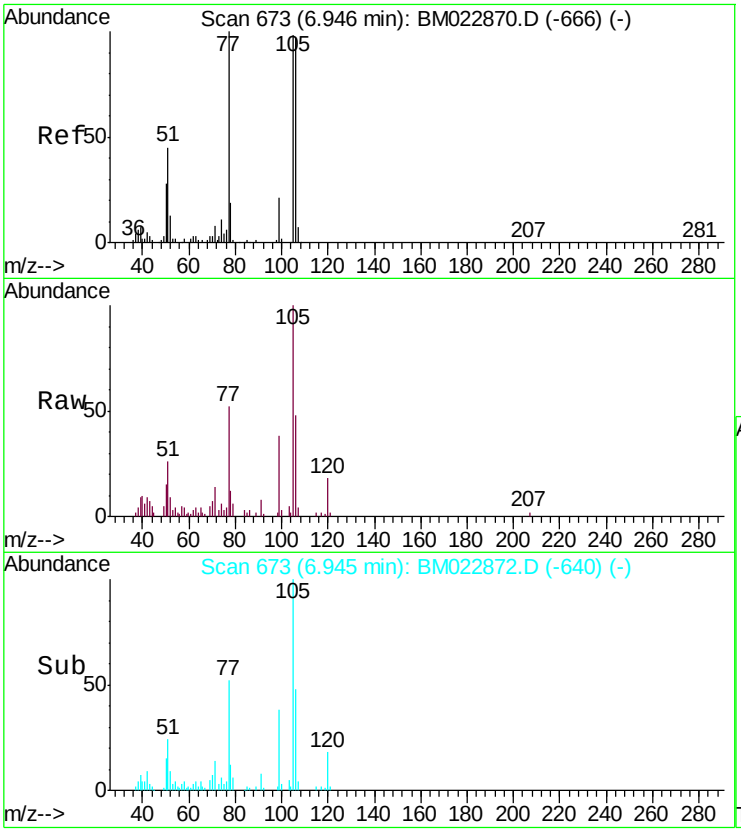


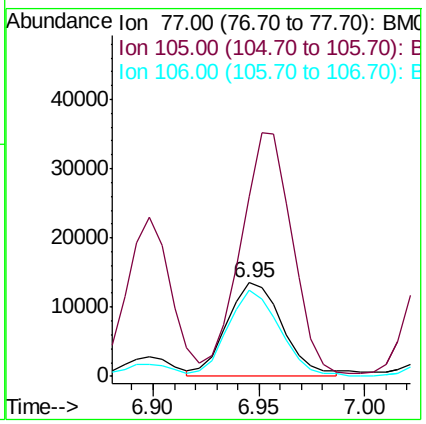


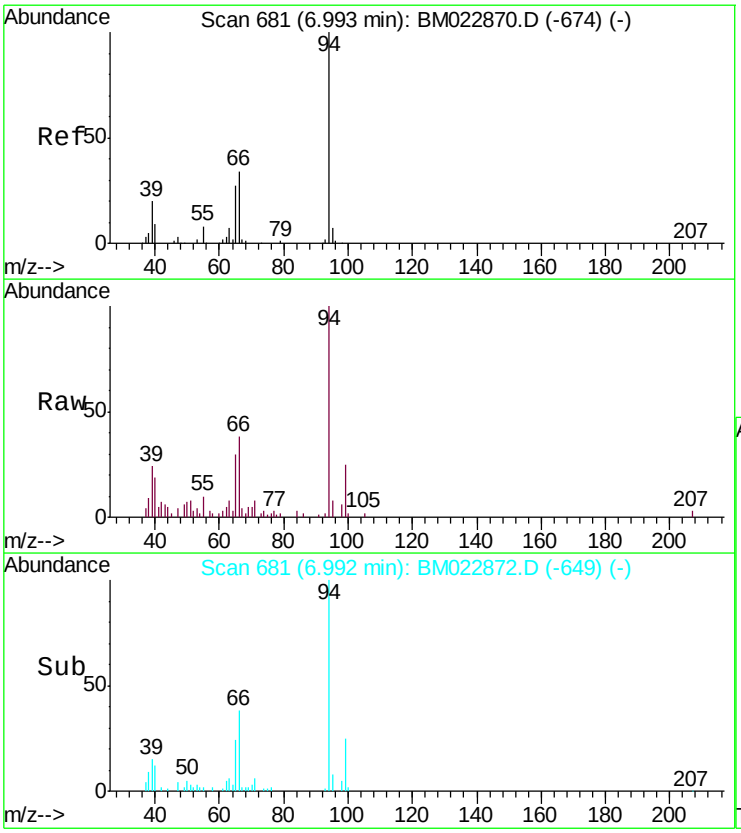
#4
Benzaldehyde
Concen: 2.065 ng/ul
RT: 6.95 min Scan# 673
Delta R.T. -0.01 min
Lab File: BM022872.D
Acq: 02 Oct 2019 02:32

Instrument :
BNA_M
ClientSampleId :
BFDJ4

Tgt Ion: 77 Resp: 24951

Ion	Ratio	Lower	Upper
77	100		
105	191.9	80.6	120.8#
106	91.4	77.0	115.6

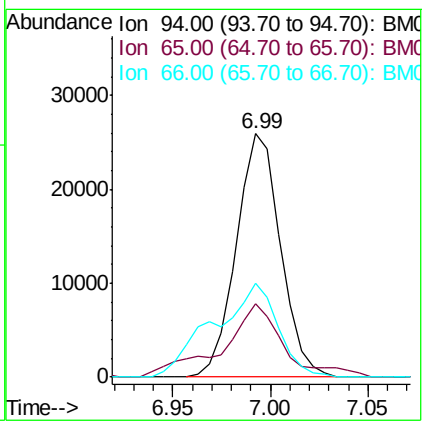


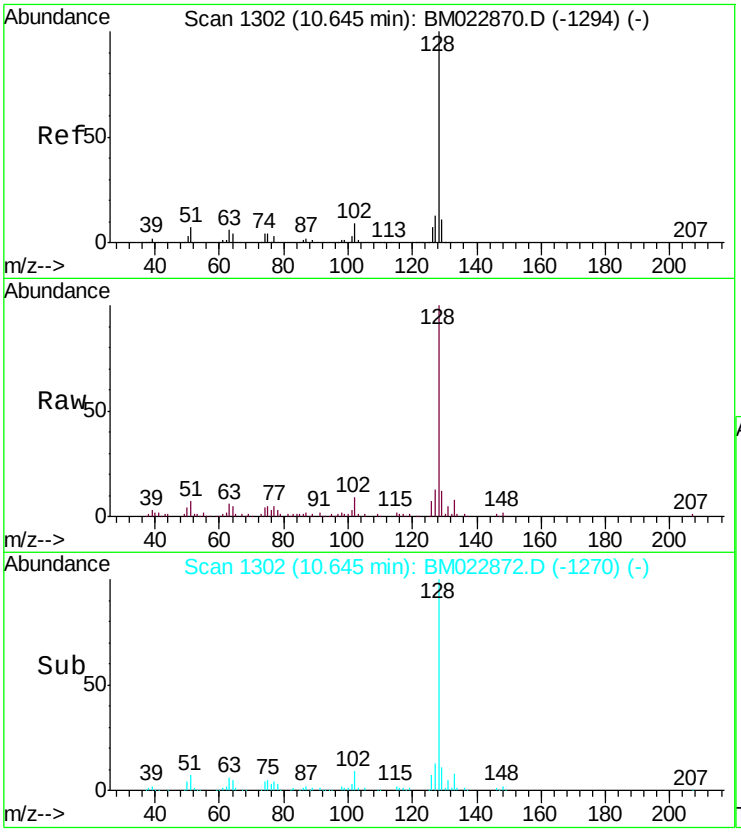


#6
Phenol
Concen: 1.457 ng/ul
RT: 6.99 min Scan# 681
Delta R.T. -0.01 min
Lab File: BM022872.D
Acq: 02 Oct 2019 02:32

Tgt Ion: 94 Resp: 40723

Ion	Ratio	Lower	Upper
94	100		
65	30.0	20.9	31.3
66	38.4	27.2	40.8



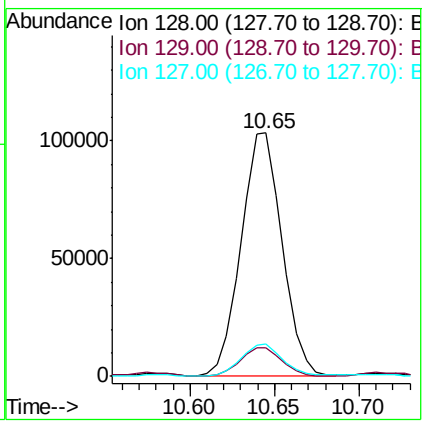


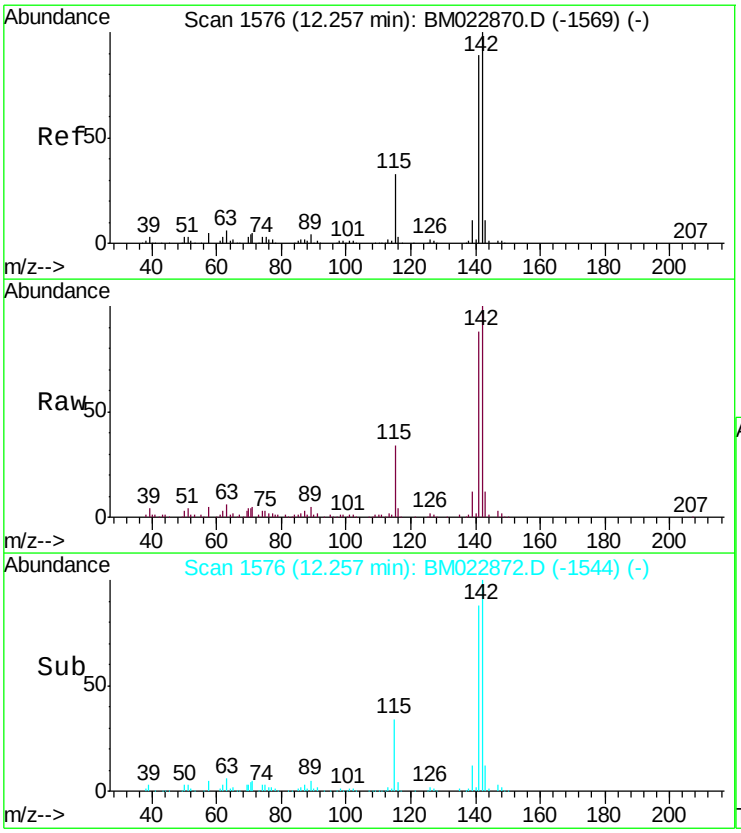
#28
Naphthalene
Concen: 2.377 ng/ul
RT: 10.65 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BM022872.D
Acq: 02 Oct 2019 02:32

Instrument :
BNA_M
ClientSampleId :
BFDJ4

Tgt Ion:128 Resp: 174061

Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.6	13.0
127	13.3	10.2	15.4

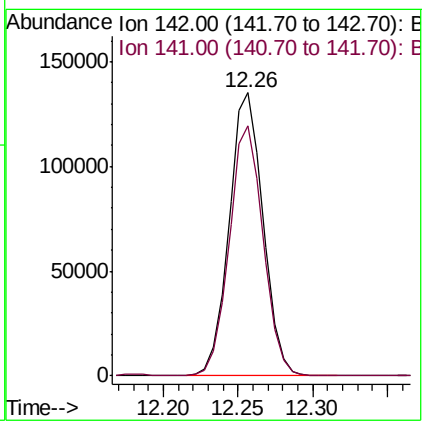


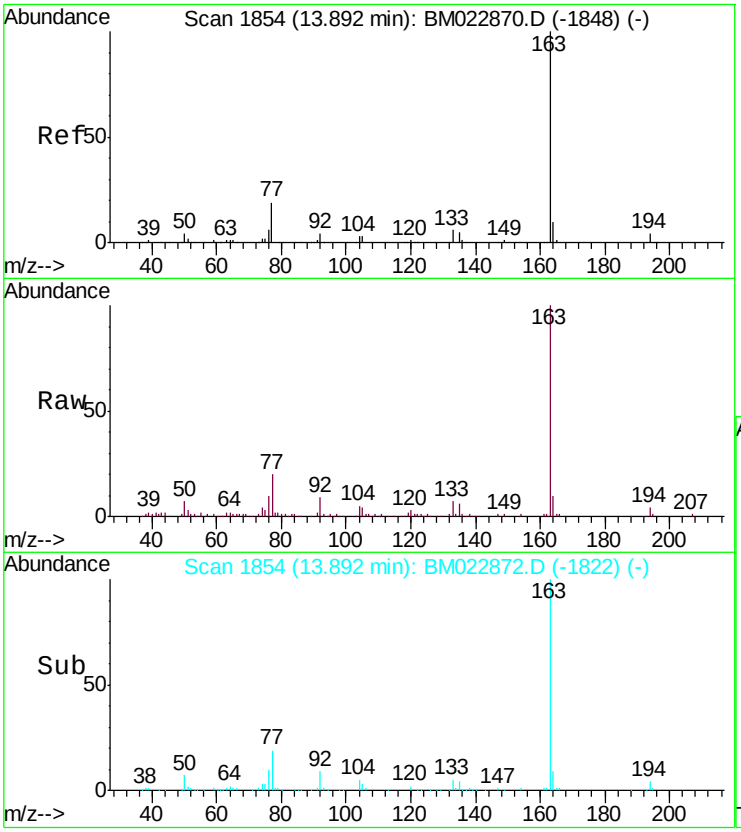


#34
2-Methylnaphthalene
Concen: 3.899 ng/ul
RT: 12.26 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BM022872.D
Acq: 02 Oct 2019 02:32

Tgt Ion:142 Resp: 214035

Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.2	106.8



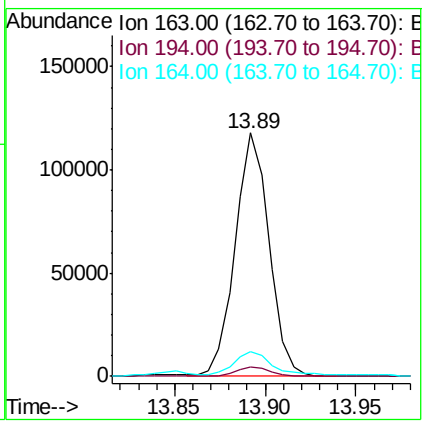


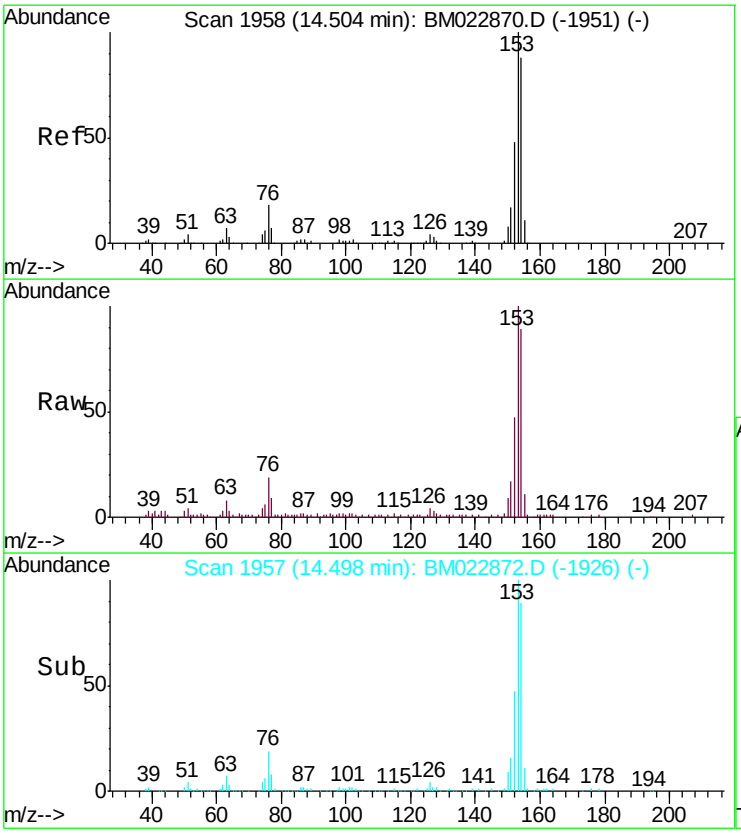
#45
Dimethylphthalate
Concen: 2.294 ng/ul
RT: 13.89 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BM022872.D
Acq: 02 Oct 2019 02:32

Instrument :
BNA_M
ClientSampleId :
BFDJ4

Tgt Ion:163 Resp: 153630

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	10.1	8.1	12.1

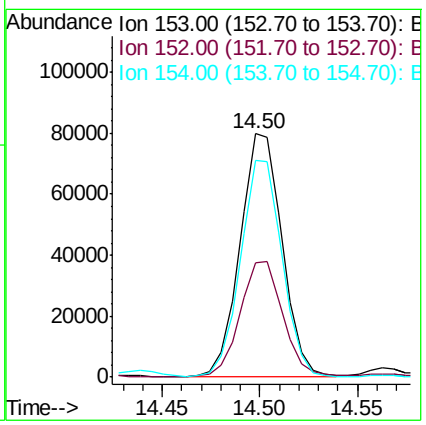


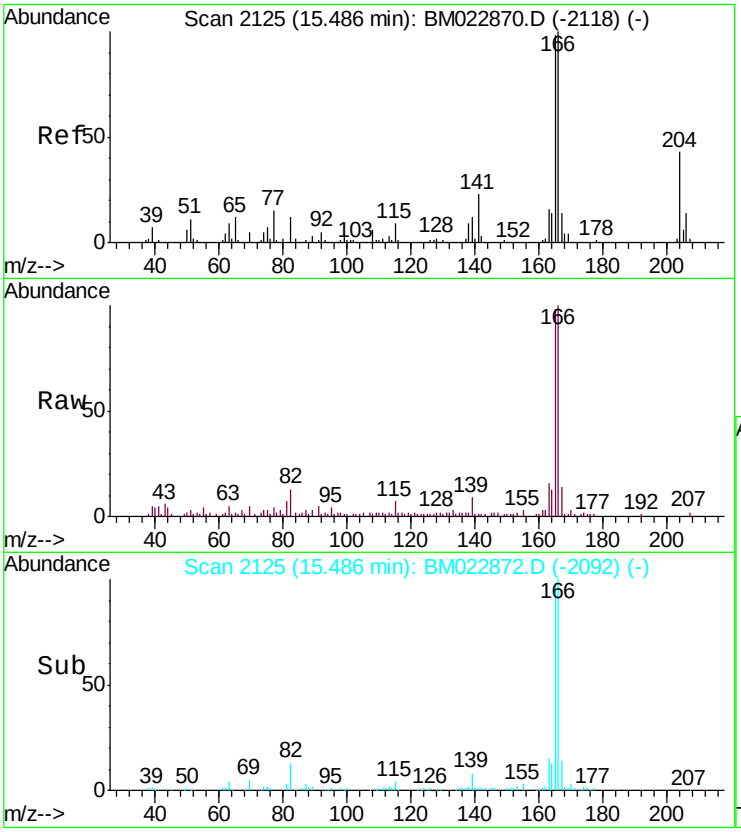


#50
Acenaphthene
Concen: 2.105 ng/ul
RT: 14.50 min Scan# 1957
Delta R.T. -0.02 min
Lab File: BM022872.D
Acq: 02 Oct 2019 02:32

Tgt Ion:153 Resp: 119169

Ion	Ratio	Lower	Upper
153	100		
152	46.8	38.1	57.1
154	89.2	71.1	106.7



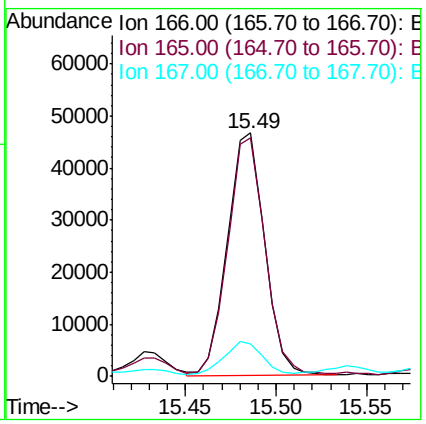


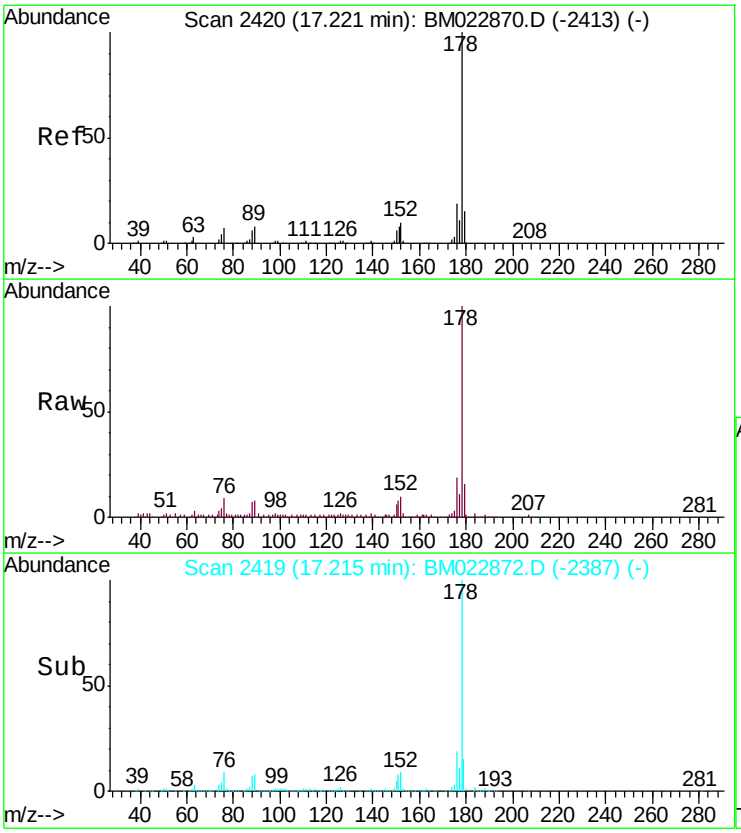
#59
Fluorene
Concen: 1.016 ng/ul
RT: 15.49 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BM022872.D
Acq: 02 Oct 2019 02:32

Instrument :
BNA_M
ClientSampleId :
BFDJ4

Tgt Ion:166 Resp: 66396

Ion	Ratio	Lower	Upper
166	100		
165	97.7	77.7	116.5
167	13.5	11.0	16.4





#70
Phenanthrene
Concen: 2.045 ng/ul
RT: 17.22 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BM022872.D
Acq: 02 Oct 2019 02:32

Tgt Ion:178 Resp: 198793

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.4	18.6
176	18.8	15.3	22.9