Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM022928.D
Acq On : 03 Oct 2019 19:49
Operator : JU
Sample : K4983-17
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDK7

Quant Time: Oct 04 01:23:10 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	7.79	152	259277	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.59	136	1142028	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.43	164	716360	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.17	188	1366863	20.00	ng/ul	-0.02
78) Chrysene-d12	21.35	240	1018526	20.00	ng/ul	-0.02
86) Perylene-d12	23.61	264	1082067	20.00	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	32169	5.37	ng/uL	0.00
5) Phenol-d5	6.96	99	121944	5.32	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.13	67	258711	20.63	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.33	132	322765	17.50	ng/ul	-0.02
13) 4-Methylphenol-d8	8.50	113	223737	11.93	ng/ul	-0.02
19) Nitrobenzene-d5	8.95	128	193293	21.93	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.67	143	213901	22.23	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.21	165	392864	20.50	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.72	131	421868	18.12	ng/ul	-0.02
44) Dimethylphthalate-d6	13.84	166	1306748	23.50	ng/ul	-0.02
47) Acenaphthylene-d8	14.12	160	1437467	22.39	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.63	143	56375	5.13	ng/ul	0.00
58) Fluorene-d10	15.42	176	1090709	23.02	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.54	200	187759	21.11	ng/ul	-0.02
71) Anthracene-d10	17.27	188	1760523	26.38	ng/ul	-0.02
79) Pyrene-d10	19.56	212	1842497	33.61	ng/ul	-0.02
90) Benzo(a)pyrene-d12	23.47	264	1584692	28.31	ng/ul	-0.03
Target Compounds						Qvalue
6) Phenol	6.99	94	66252	2.759	ng/ul	97
17) Hexachloroethane	8.90	117	8572	1.140	ng/ul#	6
28) Naphthalene	10.63	128	67298	1.091	ng/ul	99
34) 2-Methylnaphthalene	12.25	142	103411	2.236	ng/ul	96
35) 1-Methylnaphthalene	12.47	142	129027	2.921	ng/ul	99
45) Dimethylphthalate	13.89	163	491251	8.601	ng/ul	100
50) Acenaphthene	14.49	153	77260	1.600	ng/ul	98
70) Phenanthrene	17.21	178	100306	1.230	ng/ul	98

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

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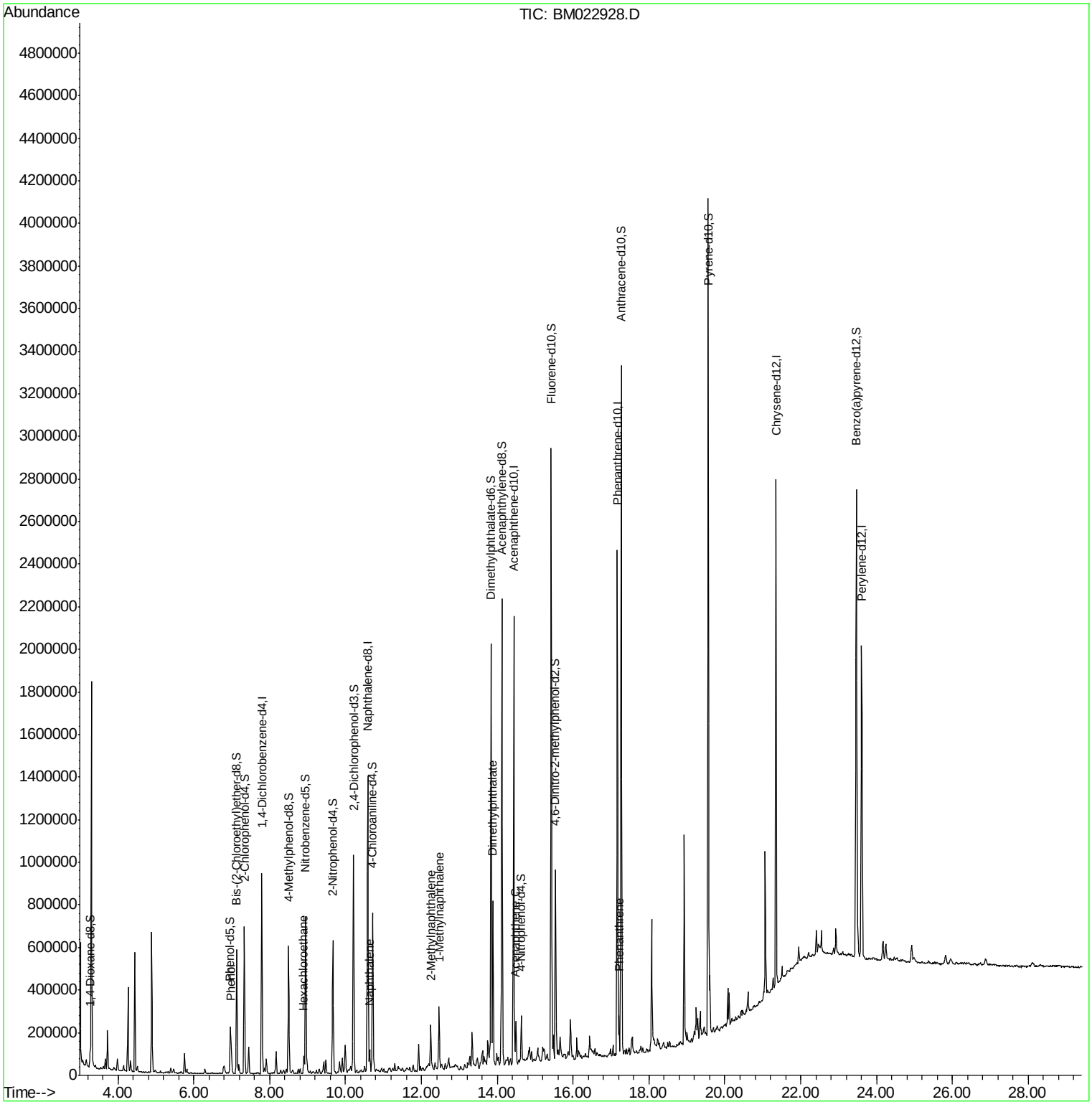
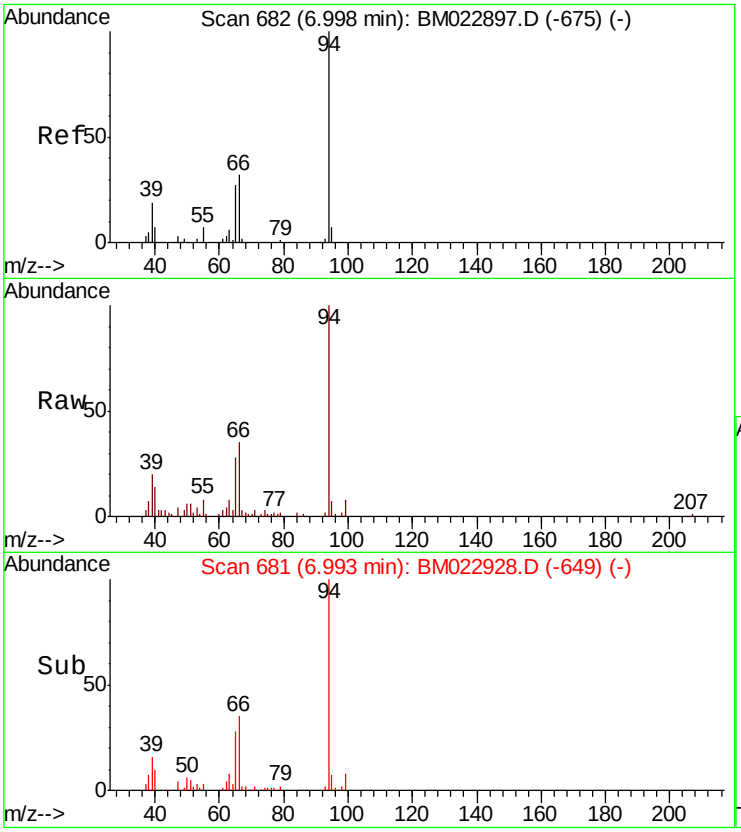


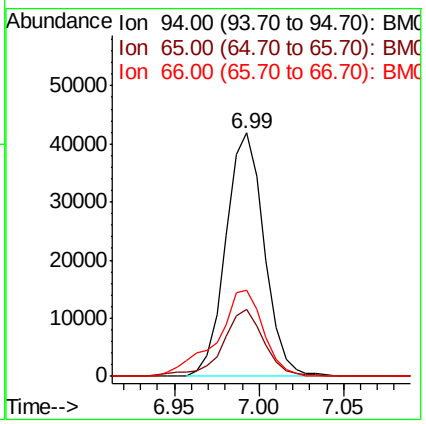


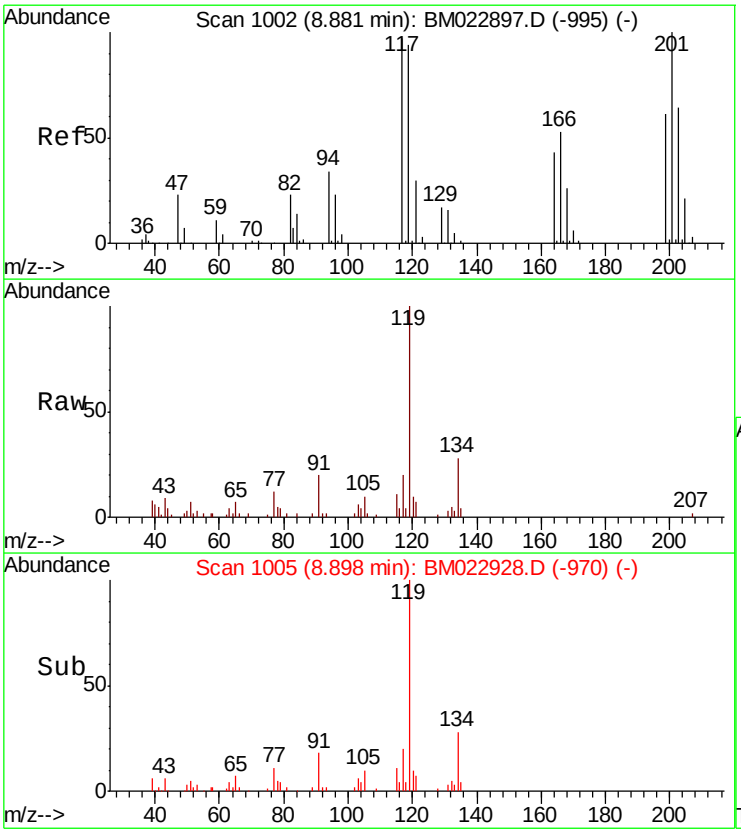
#6
Phenol
Concen: 2.759 ng/ul
RT: 6.99 min Scan# 681
Delta R.T. -0.01 min
Lab File: BM022928.D
Acq: 03 Oct 2019 19:49

Instrument :
BNA_M
ClientSampleId :
BFDK7

Tgt Ion: 94 Resp: 66252

Ion	Ratio	Lower	Upper
94	100		
65	27.6	20.9	31.3
66	35.4	27.2	40.8

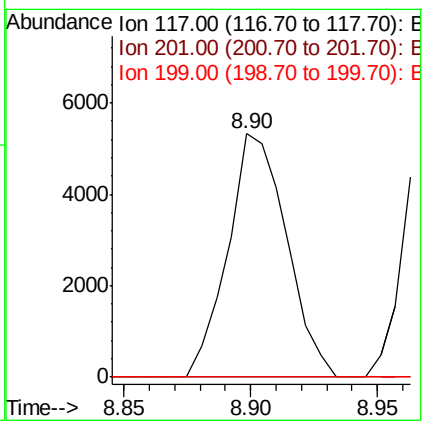


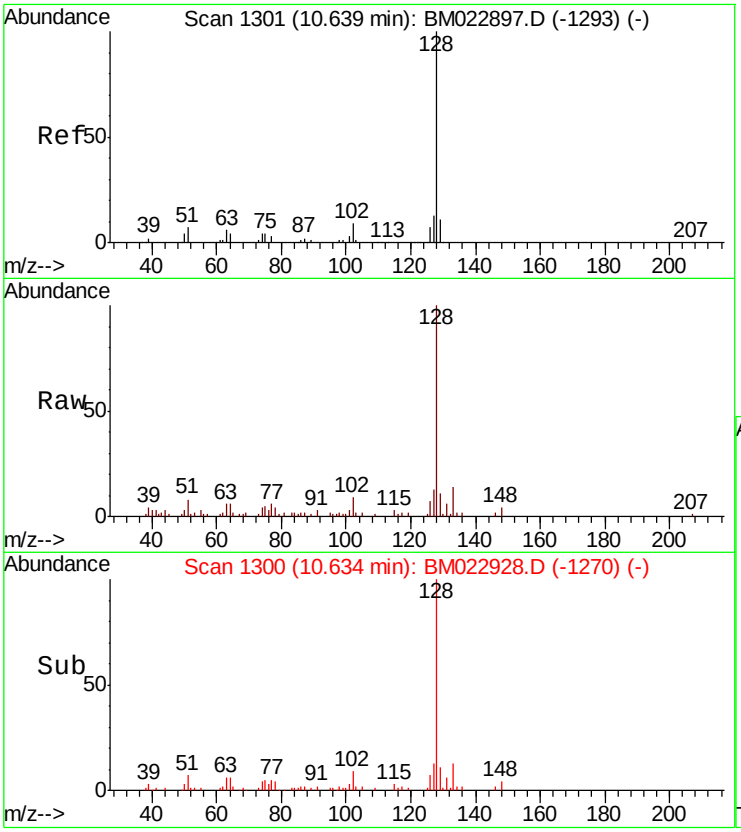


#17
Hexachloroethane
Concen: 1.140 ng/ul
RT: 8.90 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BM022928.D
Acq: 03 Oct 2019 19:49

Tgt Ion:117 Resp: 8572

Ion	Ratio	Lower	Upper
117	100		
201	0.0	82.5	123.7#
199	0.0	51.6	77.4#



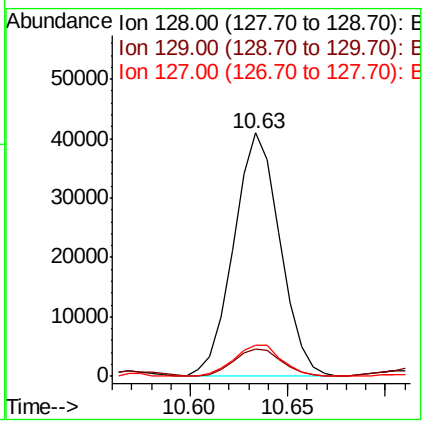


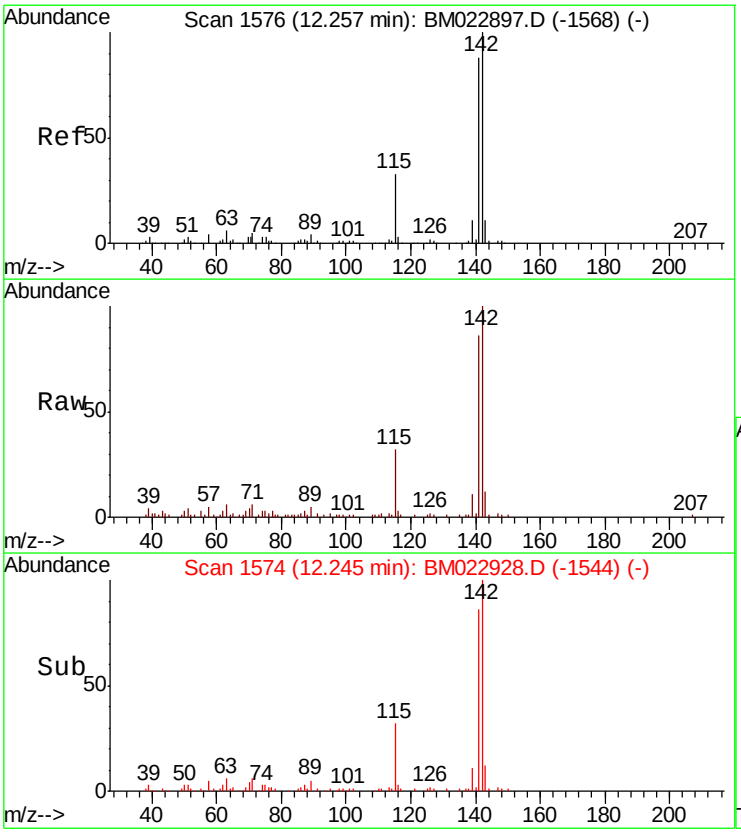
#28
Naphthalene
Concen: 1.091 ng/ul
RT: 10.63 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BM022928.D
Acq: 03 Oct 2019 19:49

Instrument :
BNA_M
ClientSampleId :
BFDK7

Tgt Ion:128 Resp: 67298

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	13.0
127	13.0	10.2	15.4

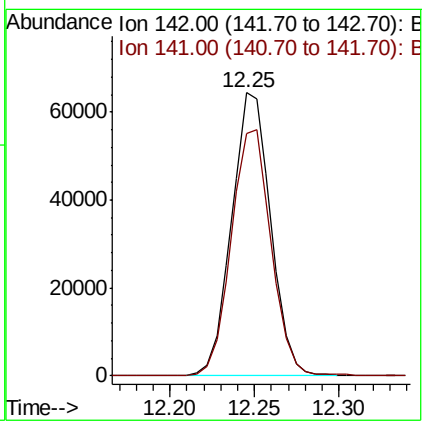


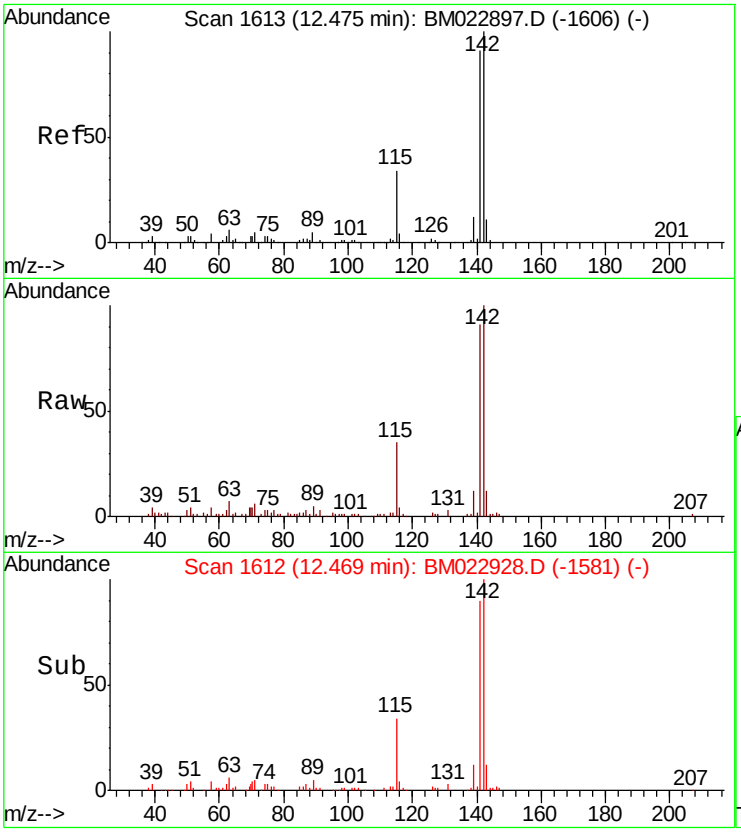


#34
2-Methylnaphthalene
Concen: 2.236 ng/ul
RT: 12.25 min Scan# 1574
Delta R.T. -0.02 min
Lab File: BM022928.D
Acq: 03 Oct 2019 19:49

Tgt Ion:142 Resp: 103411

Ion	Ratio	Lower	Upper
142	100		
141	85.7	71.2	106.8



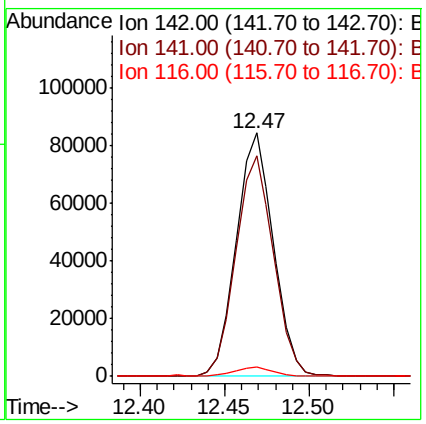


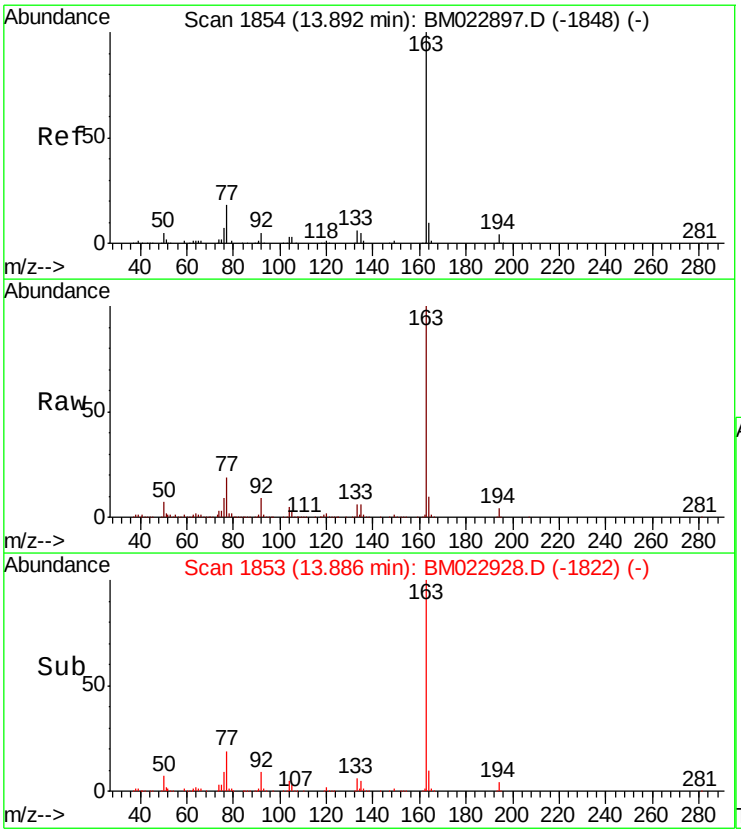
#35
1-Methylnaphthalene
Concen: 2.921 ng/ul
RT: 12.47 min Scan# 1612
Delta R.T. -0.02 min
Lab File: BM022928.D
Acq: 03 Oct 2019 19:49

Instrument :
BNA_M
ClientSampleId :
BFDK7

Tgt Ion:142 Resp: 129027

Ion	Ratio	Lower	Upper
142	100		
141	90.5	73.0	109.6
116	3.8	2.9	4.3

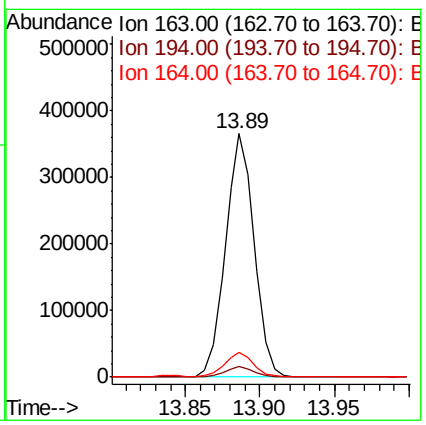


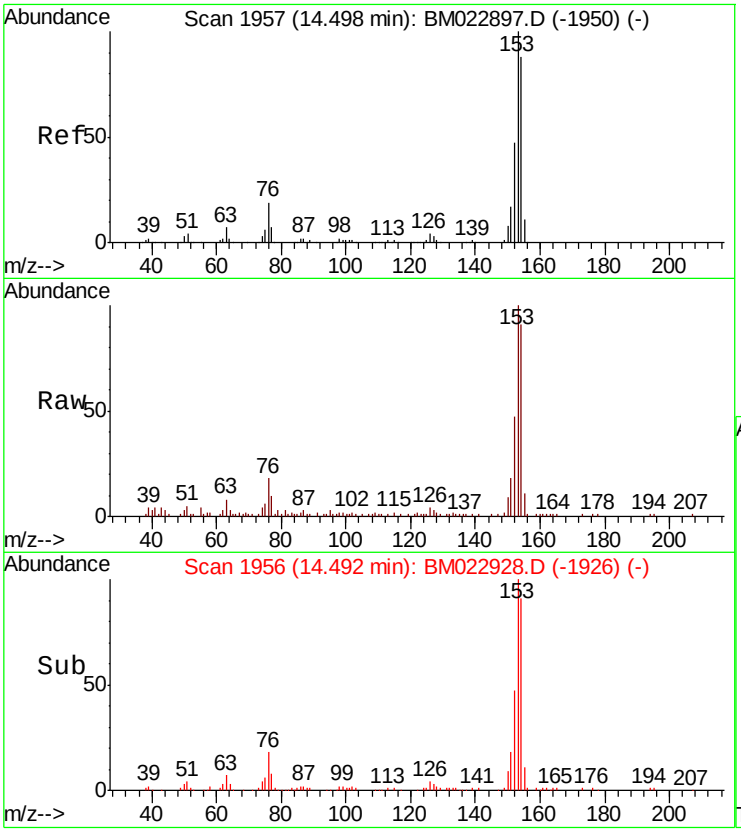


#45
Dimethylphthalate
Concen: 8.601 ng/ul
RT: 13.89 min Scan# 1853
Delta R.T. -0.02 min
Lab File: BM022928.D
Acq: 03 Oct 2019 19:49

Tgt Ion:163 Resp: 491251

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.1	8.1	12.1



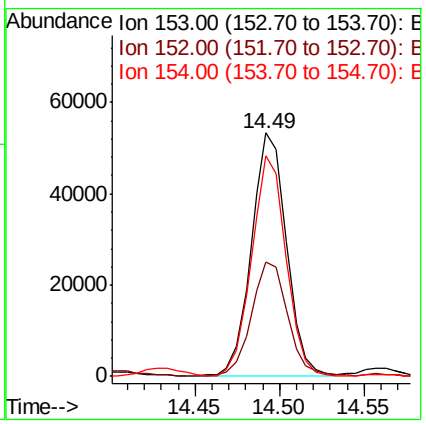


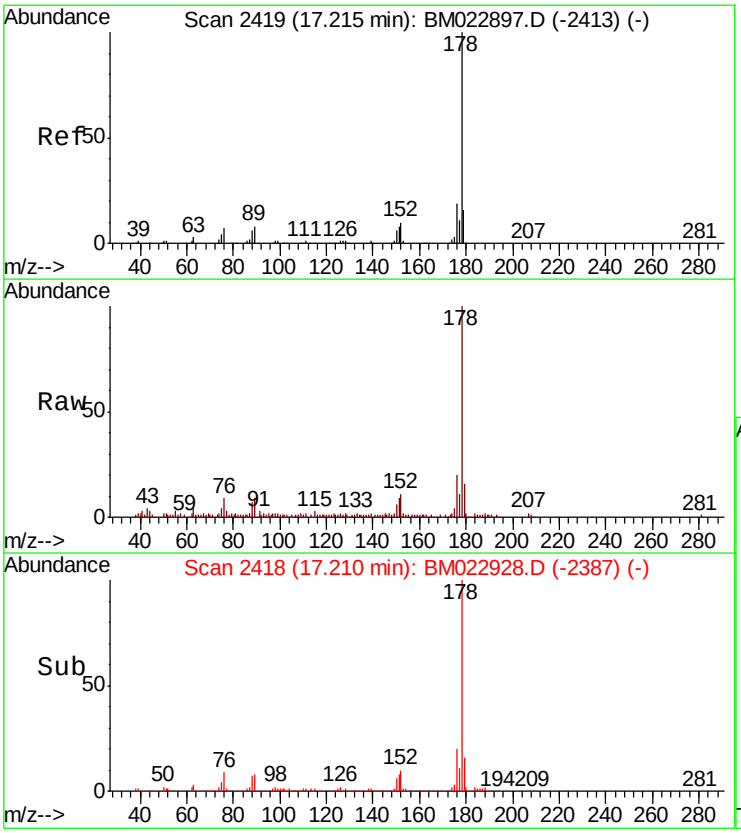
#50
Acenaphthene
Concen: 1.600 ng/ul
RT: 14.49 min Scan# 1956
Delta R.T. -0.02 min
Lab File: BM022928.D
Acq: 03 Oct 2019 19:49

Instrument :
BNA_M
ClientSampleId :
BFDK7

Tgt Ion:153 Resp: 77260

Ion	Ratio	Lower	Upper
153	100		
152	46.9	38.1	57.1
154	90.8	71.1	106.7





#70
Phenanthrene
Concen: 1.230 ng/ul
RT: 17.21 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BM022928.D
Acq: 03 Oct 2019 19:49

Tgt Ion:178 Resp: 100306

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.4	18.6
176	19.8	15.3	22.9