Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022721\
Data File : BM028932.D
Acq On : 26 Feb 2021 23:01
Operator : CG/JU
Sample : M1482-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBGJ2

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Quant Time: Feb 27 00:25:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM022721MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 26 15:22:35 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	15470	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	66254	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.44	164	42111	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.18	188	90024	20.00	ng/ul	0.00
78) Chrysene-d12	21.34	240	84280	20.00	ng/ul	0.00
86) Perylene-d12	23.54	264	74772	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	1663	4.84	ng/uL	0.00
5) Phenol-d5	6.96	99	8042	7.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	22413	35.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	27593	27.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	16803	18.68	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	16797	35.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	19576	36.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	32120	32.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	2517	2.24	ng/ul	0.00
44) Dimethylphthalate-d6	13.86	166	123283	42.59	ng/ul	0.00
47) Acenaphthylene-d8	14.13	160	143281	36.90	ng/ul	0.00
52) 4-Nitrophenol-d4	14.68	143	4012m	7.97	ng/ul	0.00
58) Fluorene-d10	15.43	176	103742	41.07	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.57	200	20866	38.87	ng/ul	0.00
71) Anthracene-d10	17.28	188	170827	41.74	ng/ul	0.00
79) Pyrene-d10	19.56	212	180972	43.69	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.40	264	163068	42.93	ng/ul	0.00
Target Compounds						Qvalue
24) 2,4-Dimethylphenol	9.77	107	3575m	3.101	ng/ul	
28) Naphthalene	10.64	128	972941	287.846	ng/ul	98
34) 2-Methylnaphthalene	12.25	142	73429	31.785	ng/ul	97
41) 1,1'-Biphenyl	13.26	154	13197	4.020	ng/ul	97
48) Acenaphthylene	14.16	152	3838	1.041	ng/ul	99
50) Acenaphthene	14.50	153	69563	26.076	ng/ul	96
54) Dibenzofuran	14.84	168	30227	8.184	ng/ul	100
59) Fluorene	15.49	166	26338	8.696	ng/ul	99
69) Pentachlorophenol	16.84	266	634	1.147	ng/ul#	80
70) Phenanthrene	17.22	178	16507	3.345	ng/ul	99
75) Carbazole	17.59	167	97049	21.606	ng/ul	99

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

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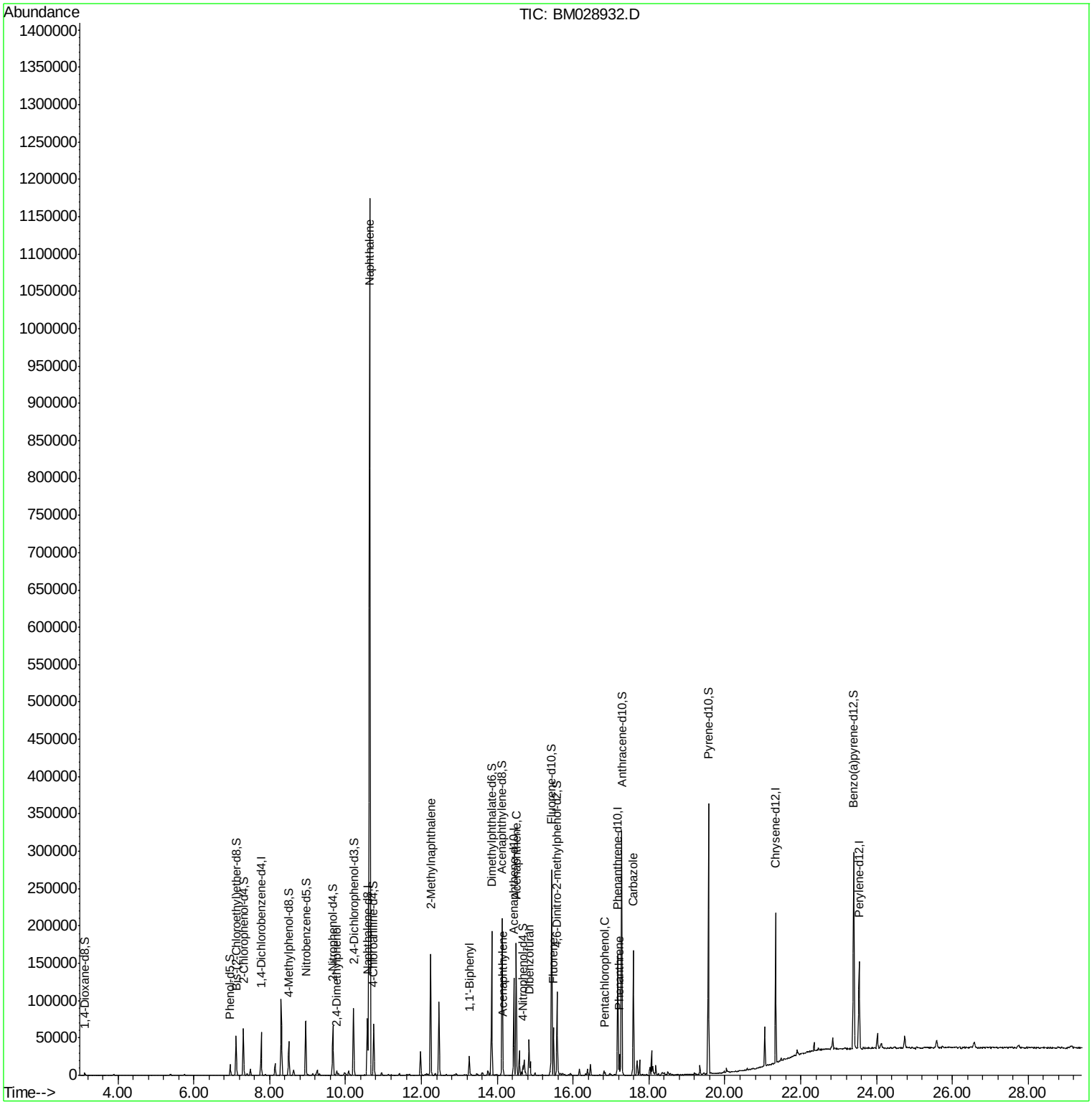
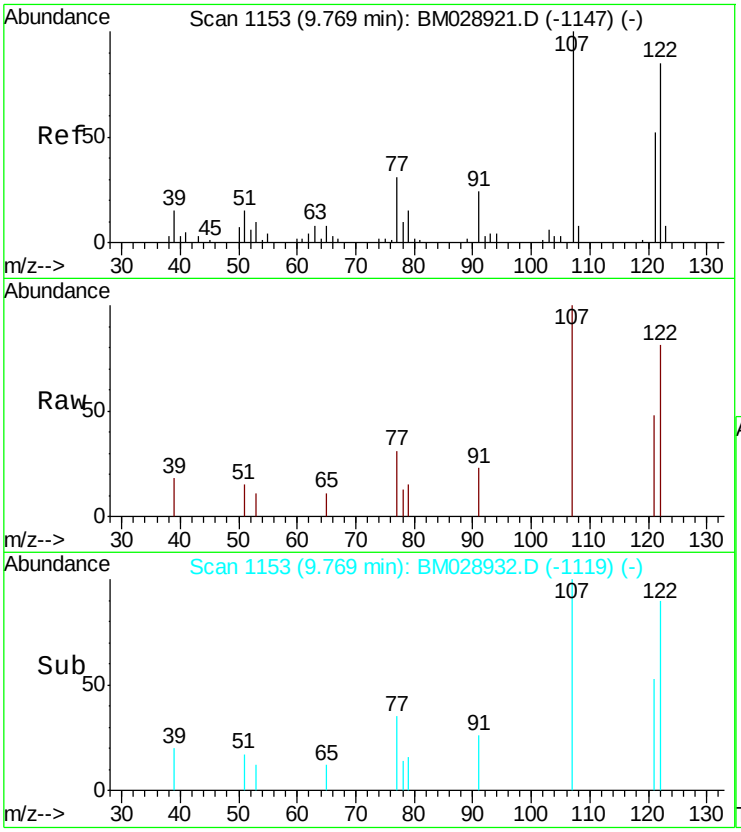
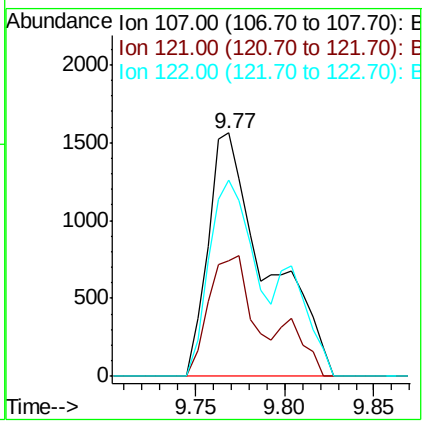




#24
2,4-Dimethylphenol
Concen: 3.101 ng/ul m
RT: 9.77 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BM028932.D
Acq: 26 Feb 2021 23:01

Tgt Ion:107 Resp: 3575

Ion	Ratio	Lower	Upper
107	100		
121	47.5	40.2	60.4
122	80.6	69.7	104.5



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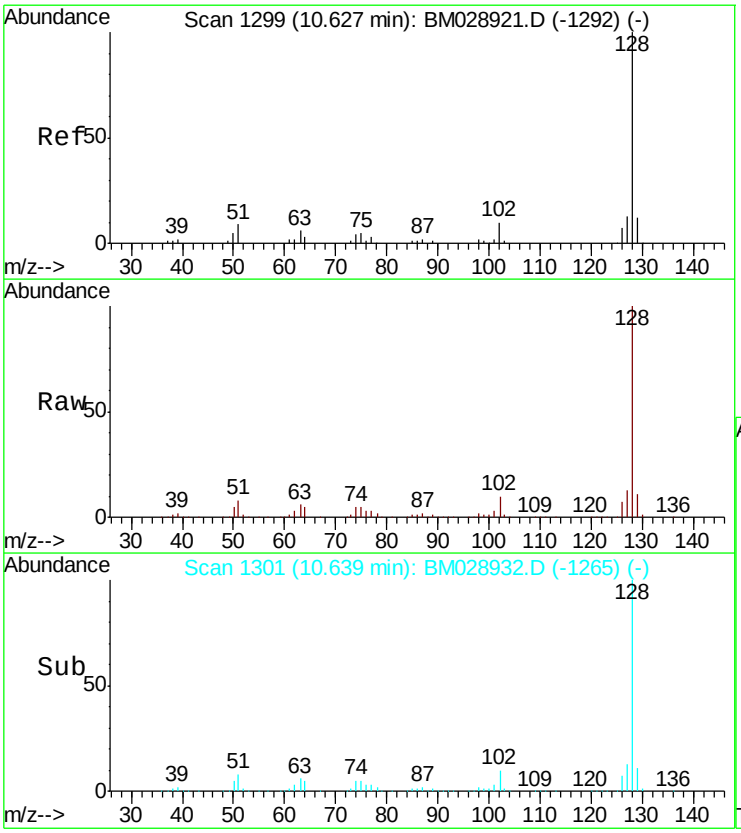
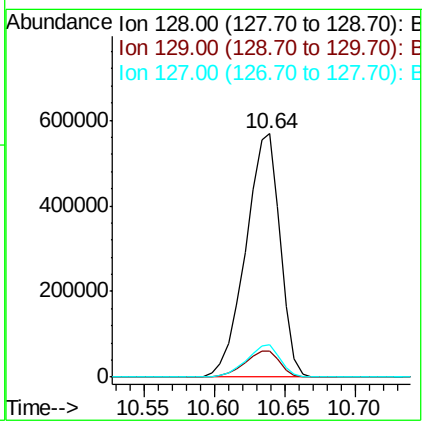
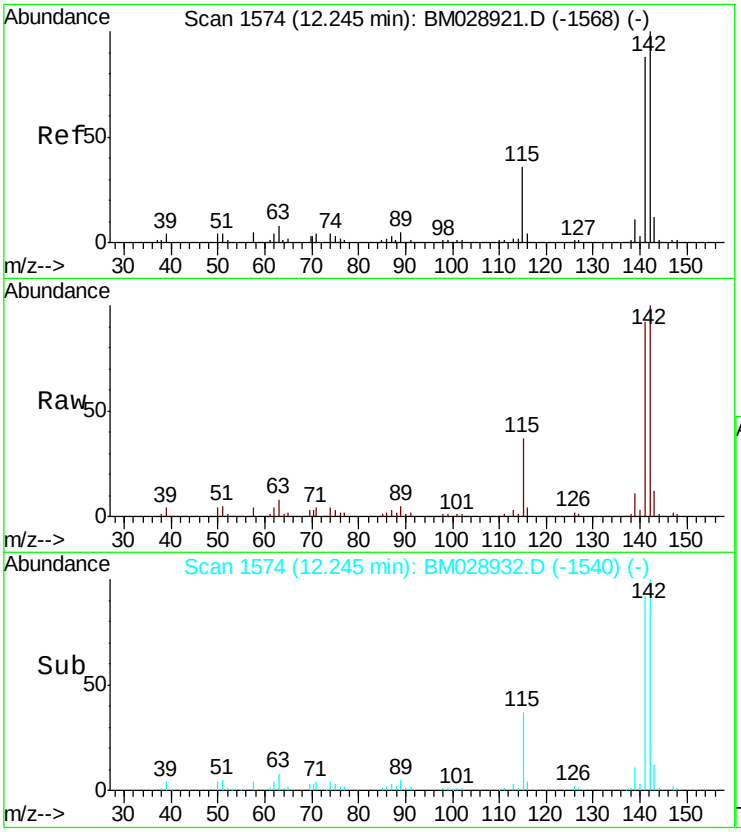


#28
Naphthalene
Concen: 287.846 ng/ul
RT: 10.64 min Scan# 1301
Delta R.T. 0.01 min
Lab File: BM028932.D
Acq: 26 Feb 2021 23:01

Tgt Ion:128 Resp: 972941

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.5	12.7
127	13.1	9.4	14.0





#34
2-Methylnaphthalene
Concen: 31.785 ng/ul
RT: 12.25 min Scan# 1574
Delta R.T. -0.00 min
Lab File: BM028932.D
Acq: 26 Feb 2021 23:01

Tgt Ion:142 Resp: 73429

Ion	Ratio	Lower	Upper
142	100		
141	91.6	71.2	106.8

Instrument :
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ClientSampleId :
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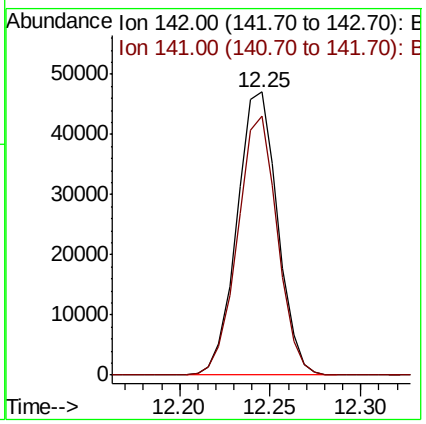
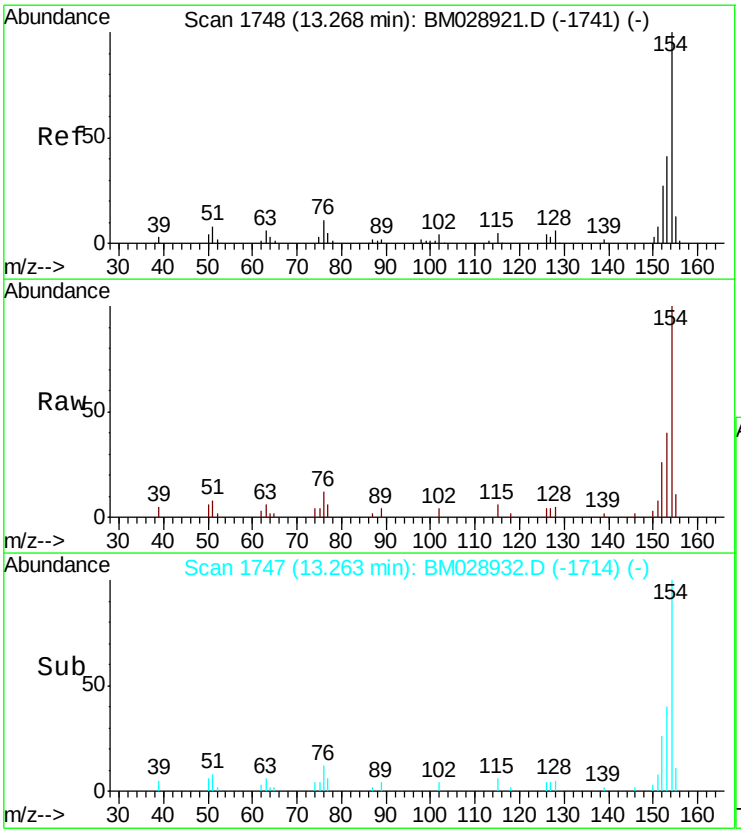
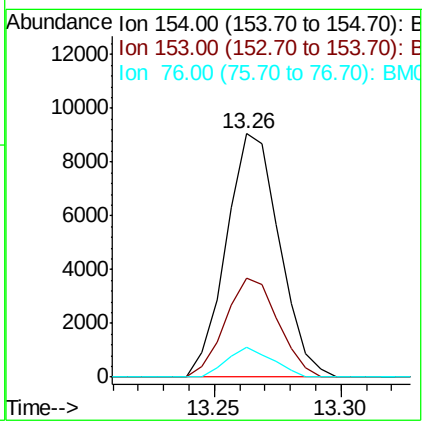


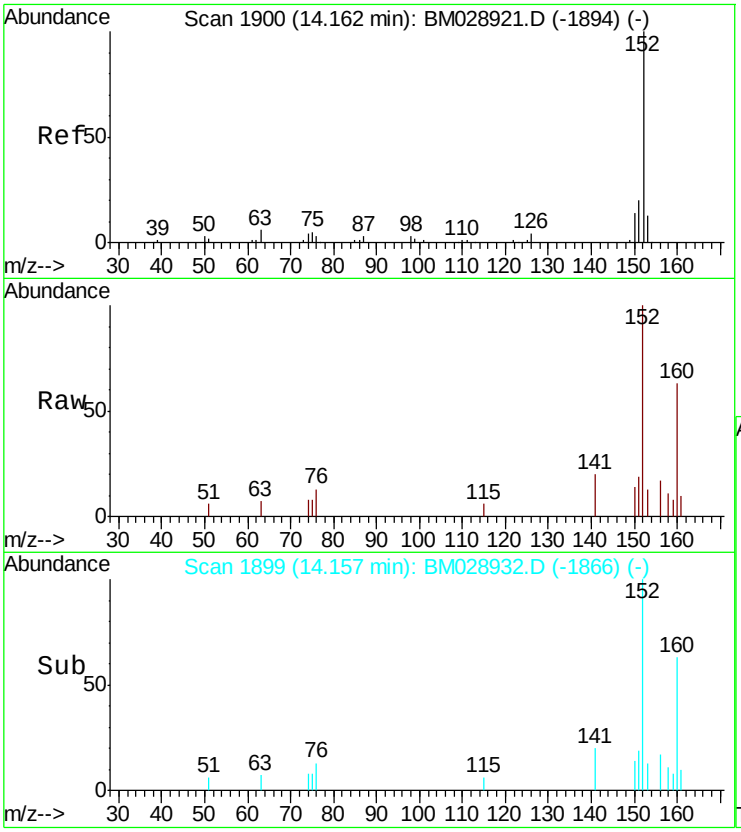


#41
1,1'-Biphenyl
Concen: 4.020 ng/ul
RT: 13.26 min Scan# 1747
Delta R.T. -0.01 min
Lab File: BM028932.D
Acq: 26 Feb 2021 23:01

Tgt Ion:154 Resp: 13197

Ion	Ratio	Lower	Upper
154	100		
153	40.5	31.1	46.7
76	12.3	9.1	13.7

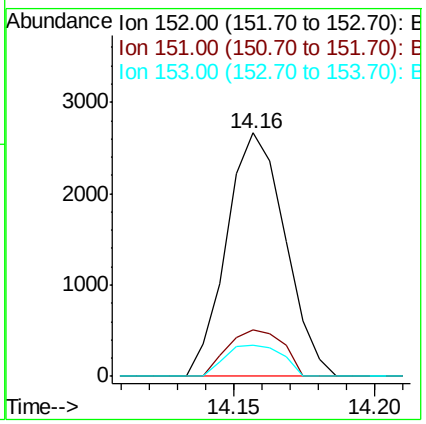




#48
Acenaphthylene
Concen: 1.041 ng/ul
RT: 14.16 min Scan# 1899
Delta R.T. -0.01 min
Lab File: BM028932.D
Acq: 26 Feb 2021 23:01

Tgt Ion:152 Resp: 3838

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.5	23.3
153	13.0	10.8	16.2



Instrument :
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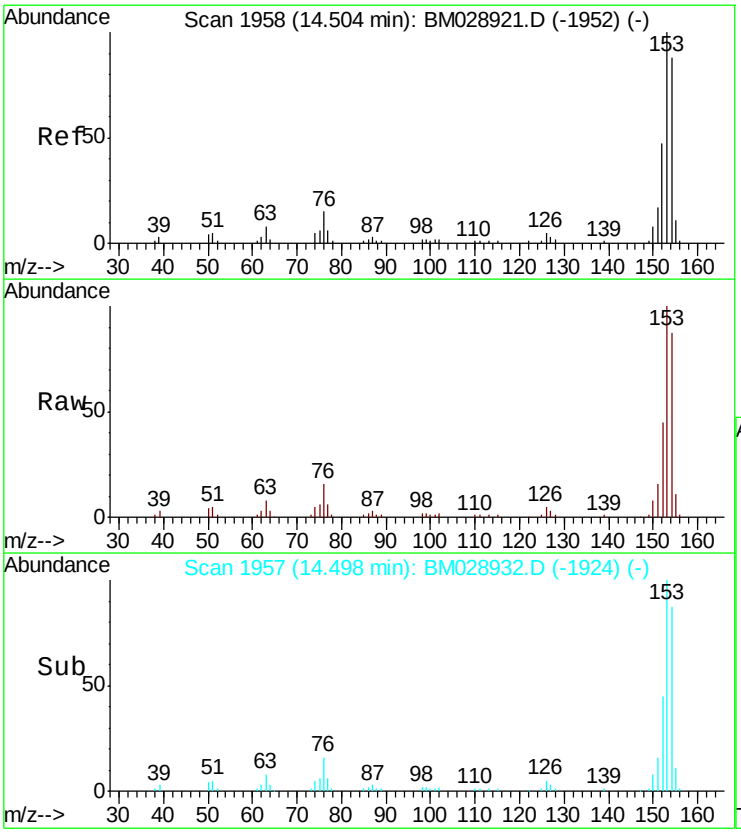
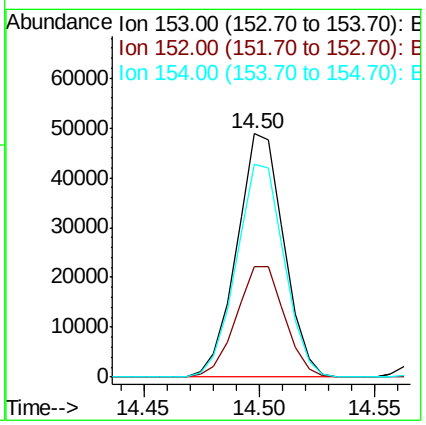
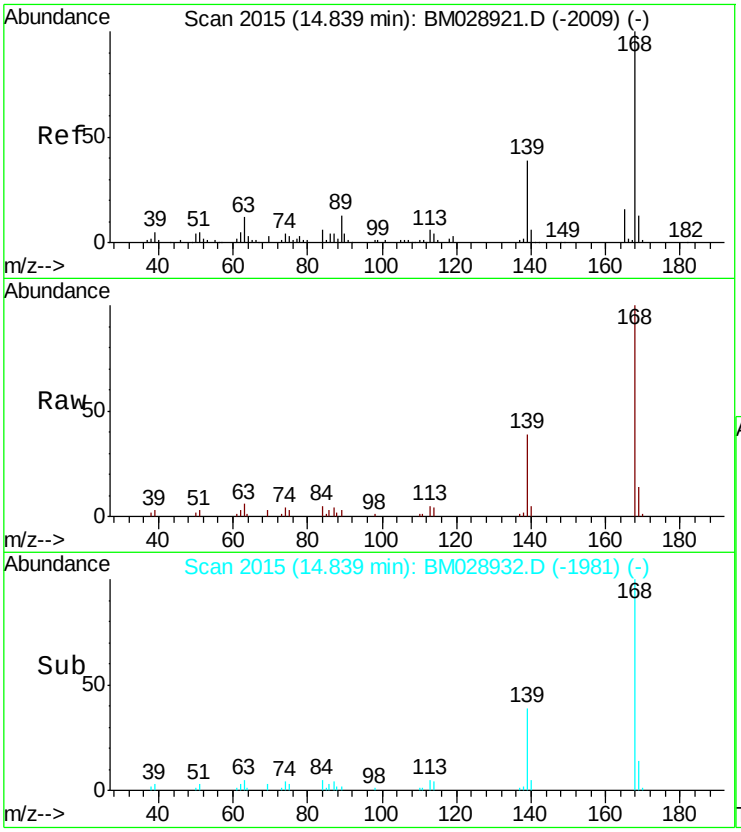


#50
Acenaphthene
Concen: 26.076 ng/ul
RT: 14.50 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BM028932.D
Acq: 26 Feb 2021 23:01

Tgt Ion:153 Resp: 69563

Ion	Ratio	Lower	Upper
153	100		
152	45.3	37.6	56.4
154	87.4	73.6	110.4

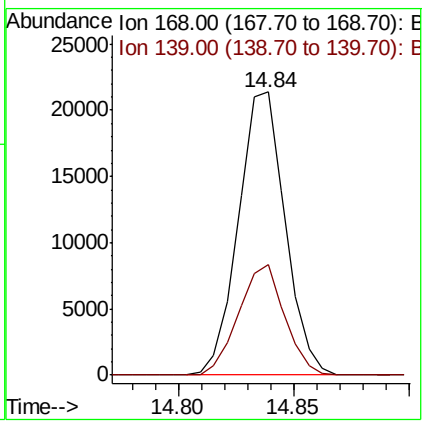




#54
Dibenzofuran
Concen: 8.184 ng/ul
RT: 14.84 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BM028932.D
Acq: 26 Feb 2021 23:01

Tgt Ion:168 Resp: 30227

Ion	Ratio	Lower	Upper
168	100		
139	38.9	31.0	46.4



Instrument :
BNA_M
ClientSampleId :
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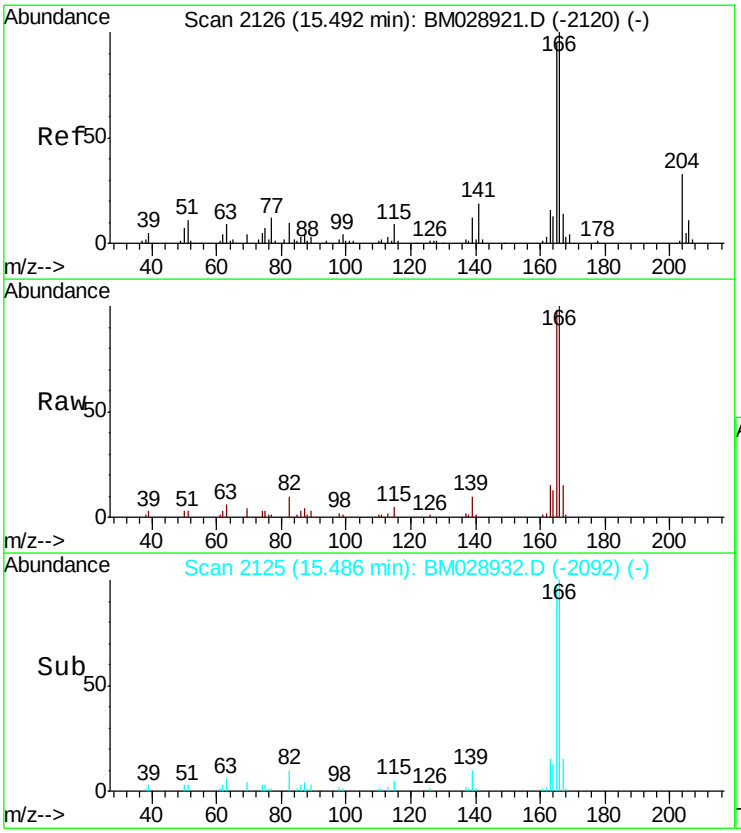
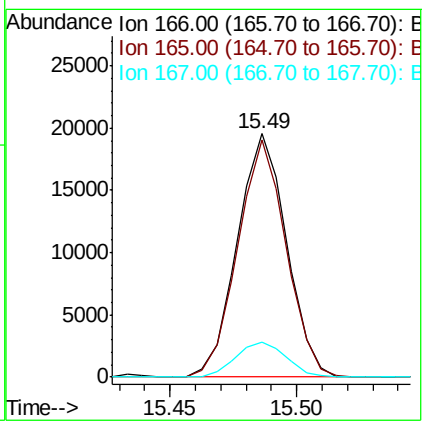
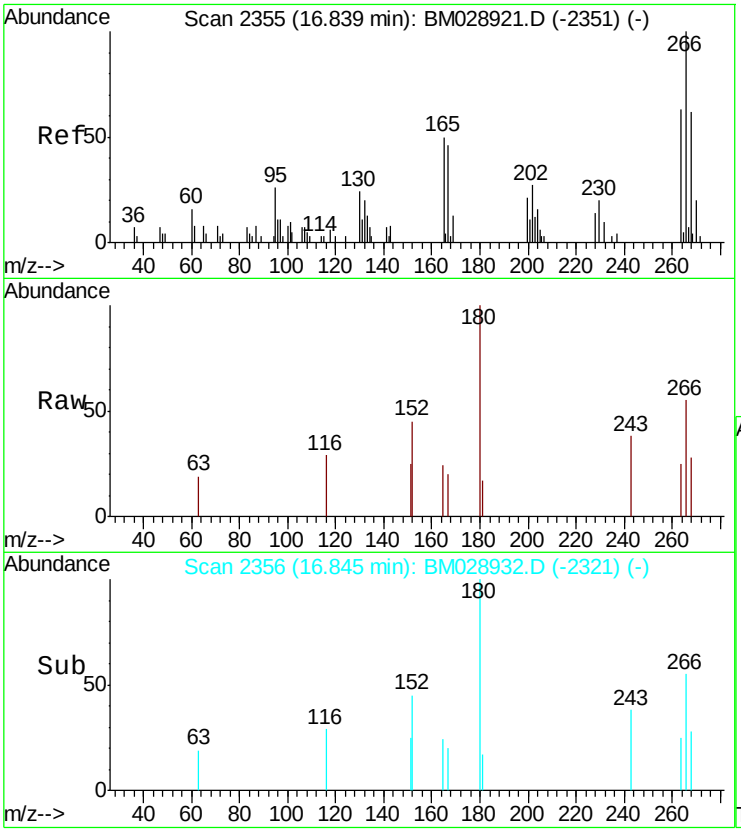


#59
Fluorene
Concen: 8.696 ng/ul
RT: 15.49 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BM028932.D
Acq: 26 Feb 2021 23:01

Tgt Ion:166 Resp: 26338

Ion	Ratio	Lower	Upper
166	100		
165	97.5	77.4	116.0
167	14.6	10.6	15.8

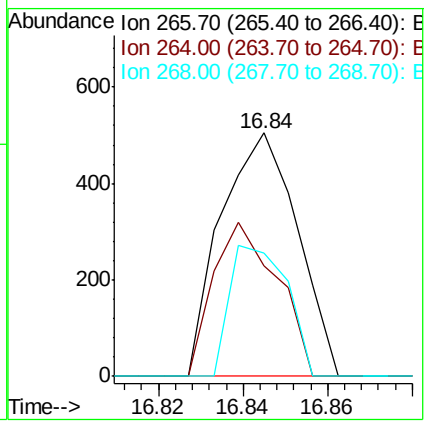




#69
Pentachlorophenol
Concen: 1.147 ng/ul
RT: 16.84 min Scan# 2356
Delta R.T. 0.01 min
Lab File: BM028932.D
Acq: 26 Feb 2021 23:01

Tgt Ion:266 Resp: 634

Ion	Ratio	Lower	Upper
266	100		
264	45.3	51.0	76.6#
268	50.7	51.4	77.2#



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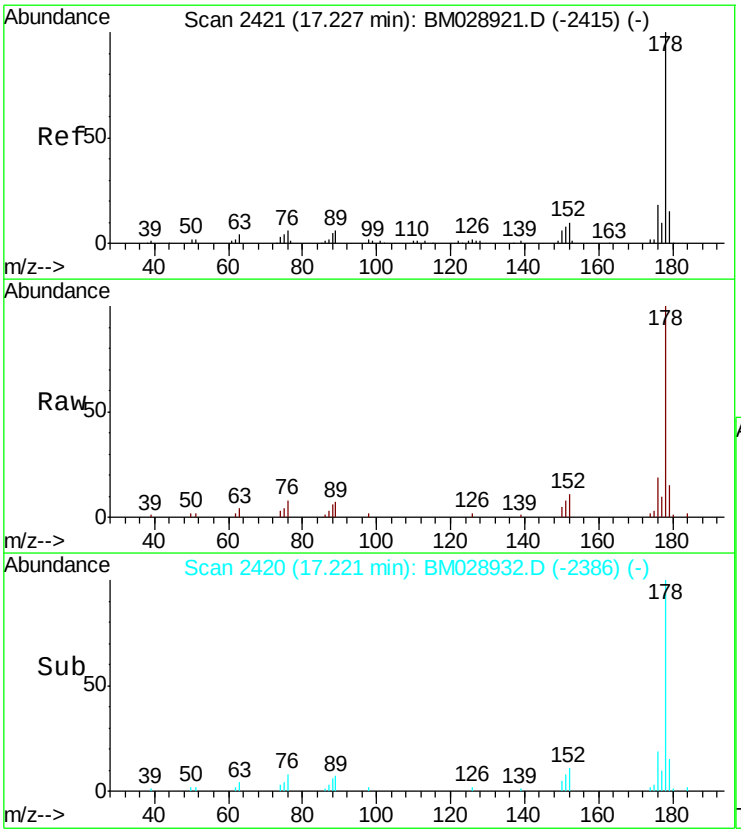
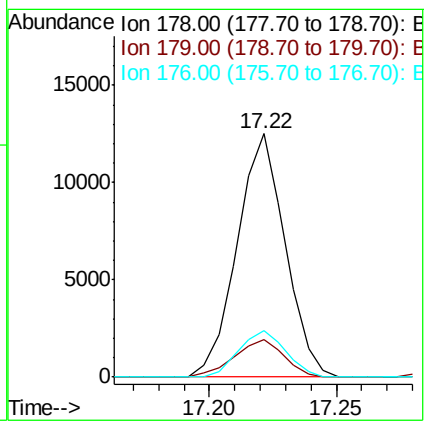
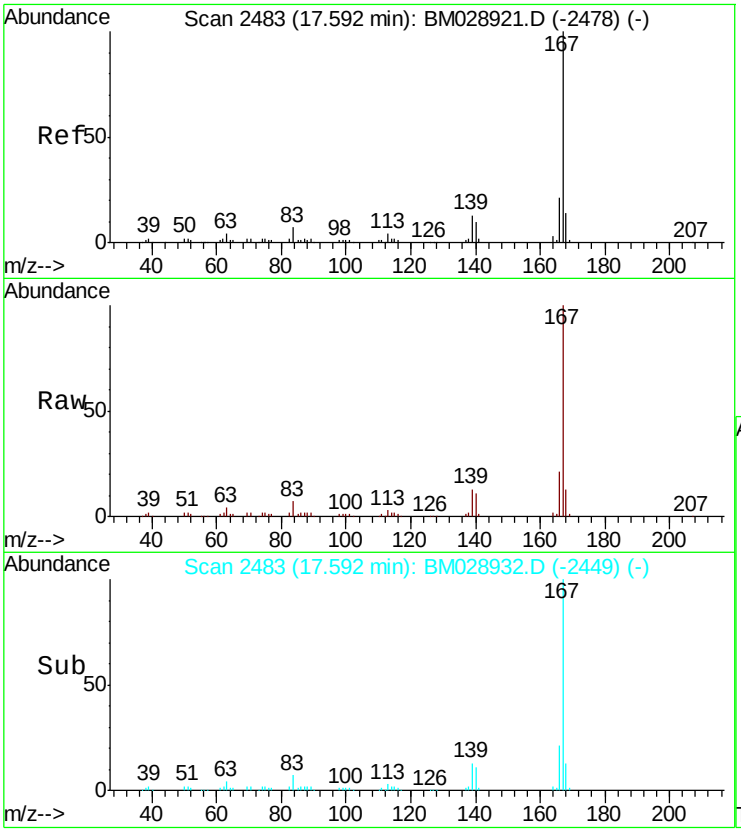


#70
Phenanthrene
Concen: 3.345 ng/ul
RT: 17.22 min Scan# 2420
Delta R.T. -0.00 min
Lab File: BM028932.D
Acq: 26 Feb 2021 23:01

Tgt Ion:178 Resp: 16507

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.2	18.2
176	19.2	15.0	22.6

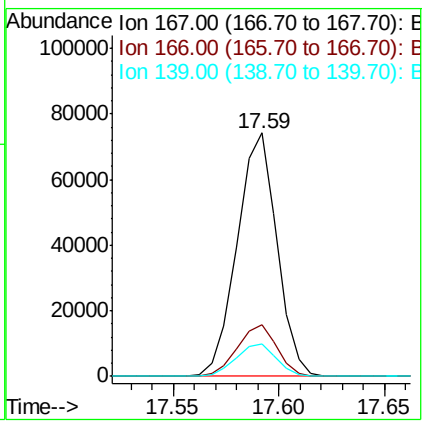




#75
Carbazole
Concen: 21.606 ng/ul
RT: 17.59 min Scan# 2483
Delta R.T. -0.00 min
Lab File: BM028932.D
Acq: 26 Feb 2021 23:01

Tgt Ion:167 Resp: 97049

Ion	Ratio	Lower	Upper
167	100		
166	21.1	16.3	24.5
139	13.2	10.4	15.6



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