Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111419\
Data File : BM023764.D
Acq On : 15 Nov 2019 21:49
Operator : JU
Sample : K5699-03MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F2J00MSD

Quant Time: Nov 16 04:13:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 16 03:18:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	313582	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	1261380	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.18	164	785294	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.93	188	1675196	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	1672406	20.00	ng/ul	0.00
86) Perylene-d12	23.29	264	2007252	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	53778	7.07	ng/uL	0.00
5) Phenol-d5	6.72	99	150946	5.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	395579	24.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	436109	21.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	276904	12.14	ng/ul	0.00
19) Nitrobenzene-d5	8.67	128	259082	28.69	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	282460	29.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.93	165	546690	25.27	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	12186	0.51	ng/ul	0.01
44) Dimethylphthalate-d6	13.60	166	1838542	30.02	ng/ul	0.00
47) Acenaphthylene-d8	13.87	160	1990195	28.48	ng/ul	0.00
52) 4-Nitrophenol-d4	14.45	143	57664	5.52	ng/ul	0.04
58) Fluorene-d10	15.18	176	1555359	28.76	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.32	200	277748	28.66	ng/ul	0.00
71) Anthracene-d10	17.03	188	2531671	31.86	ng/ul	0.00
79) Pyrene-d10	19.33	212	2974274	34.11	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	3547827	33.59	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.74	94	227052	7.711	ng/ul	97
10) 2-Chlorophenol	7.09	128	423411	19.828	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.33	70	411308	22.015	ng/ul	98
28) Naphthalene	10.35	128	178357	2.690	ng/ul	99
33) 4-Chloro-3-methylphenol	11.62	107	524917	22.721	ng/ul	98
45) Dimethylphthalate	13.65	163	236317	3.938	ng/ul	99
50) Acenaphthene	14.24	153	1343912	26.916	ng/ul	99
53) 4-Nitrophenol	14.47	109	48580	5.759	ng/ul	95
55) 2,4-Dinitrotoluene	14.56	165	493878	29.561	ng/ul	99
69) Pentachlorophenol	16.59	266	402904	28.174	ng/ul	99
77) Fluoranthene	19.00	202	110756	1.120	ng/ul#	94
80) Pyrene	19.36	202	3690572	34.140	ng/ul	99
88) Benzo(b)fluoranthene	22.65	252	212149	1.658	ng/ul#	95

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

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Quant Title : SVOA CALIBRATION
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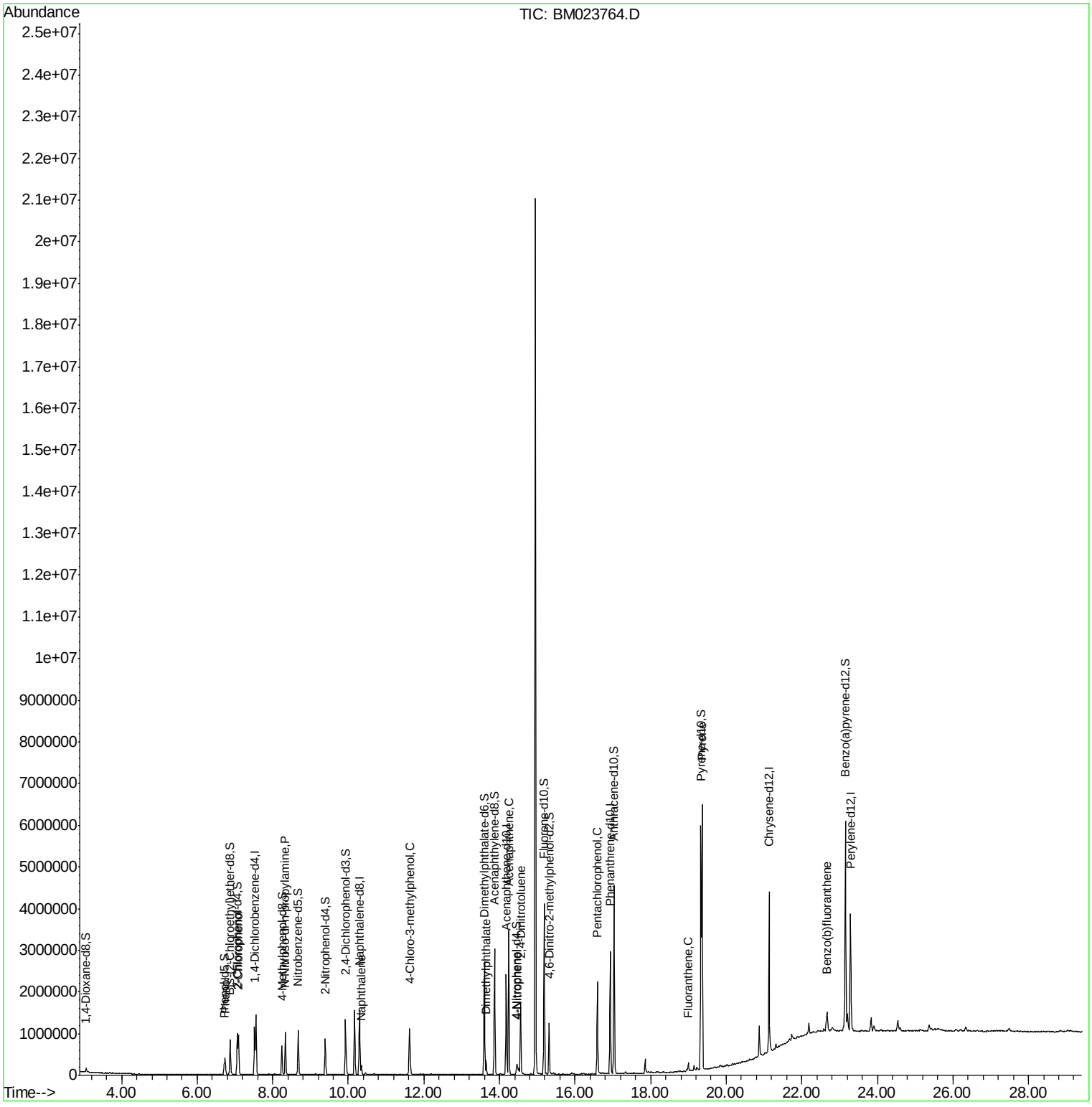
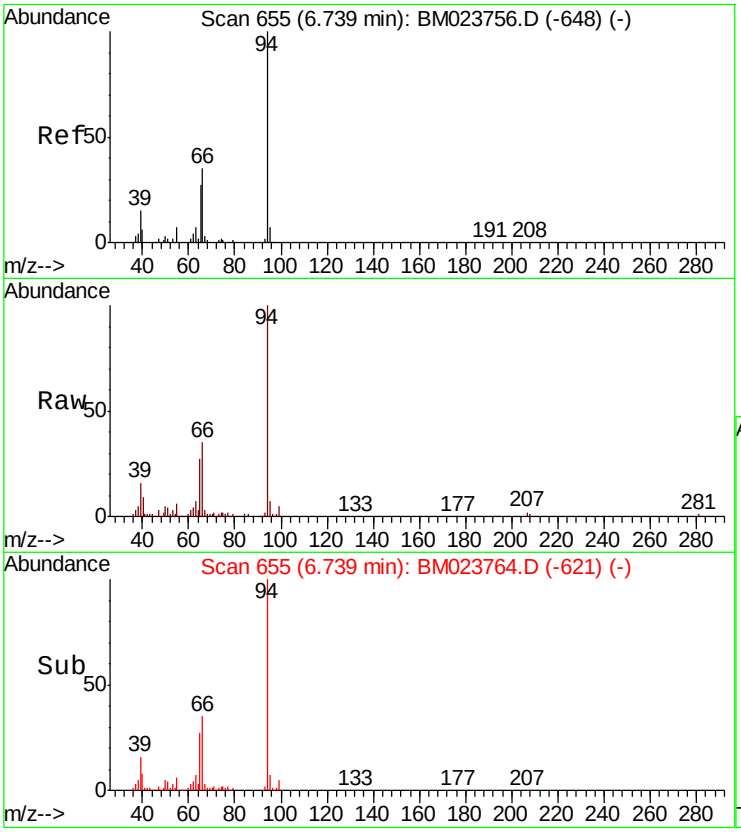


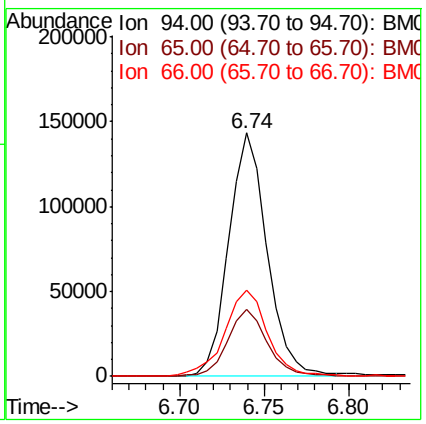


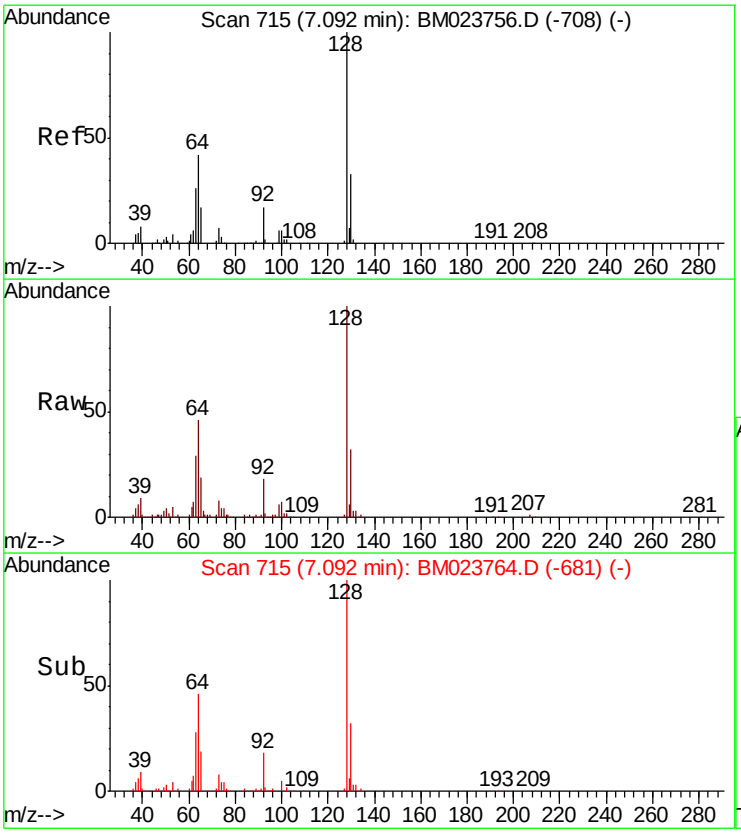
#6
Phenol
Concen: 7.711 ng/ul
RT: 6.74 min Scan# 655
Delta R.T. -0.00 min
Lab File: BM023764.D
Acq: 15 Nov 2019 21:49

Instrument :
BNA_M
ClientSampleId :
F2J00MSD

Tgt Ion: 94 Resp: 227052

Ion	Ratio	Lower	Upper
94	100		
65	27.4	21.4	32.2
66	35.4	30.7	46.1

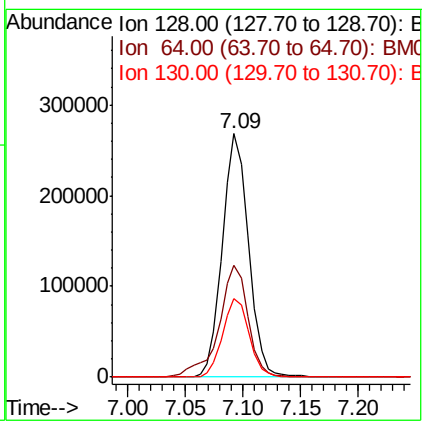


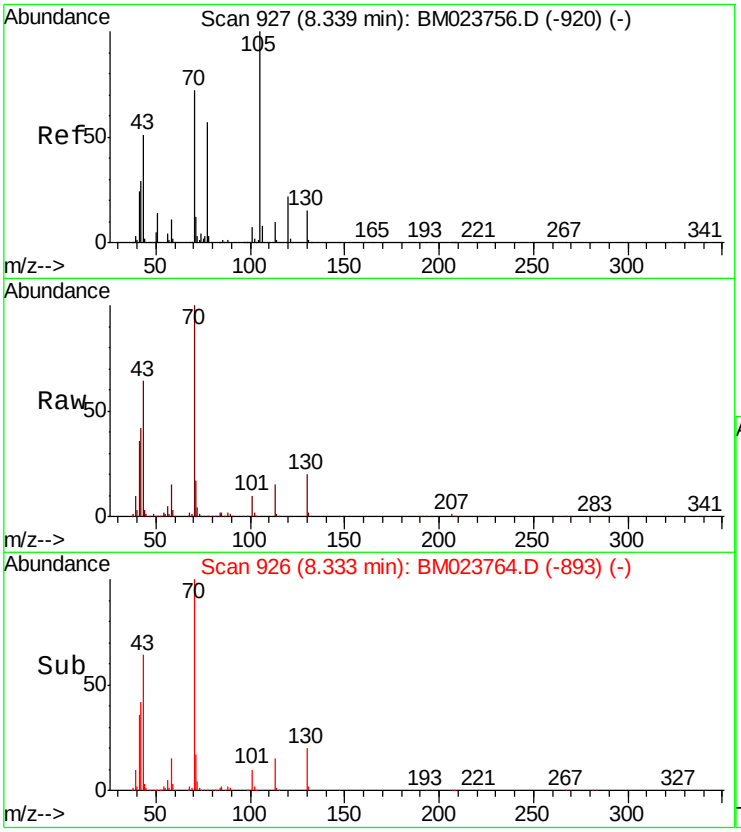


#10
2-Chlorophenol
Concen: 19.828 ng/ul
RT: 7.09 min Scan# 715
Delta R.T. -0.00 min
Lab File: BM023764.D
Acq: 15 Nov 2019 21:49

Tgt Ion:128 Resp: 423411

Ion	Ratio	Lower	Upper
128	100		
64	45.9	38.1	57.1
130	32.0	26.4	39.6



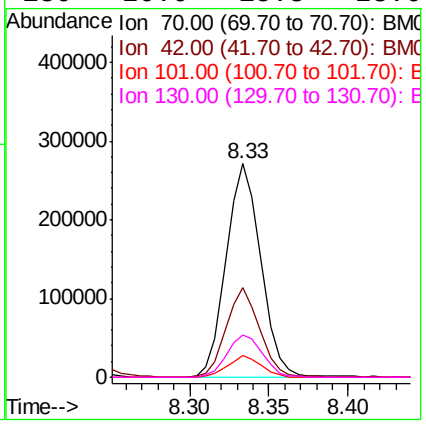


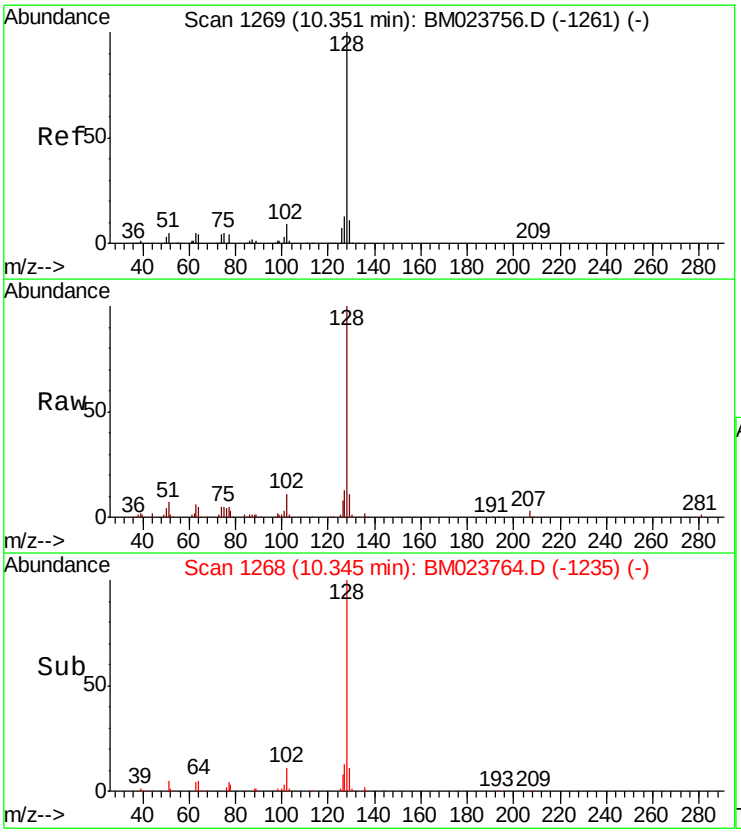
#15
N-Nitroso-di-n-propylamine
Concen: 22.015 ng/ul
RT: 8.33 min Scan# 926
Delta R.T. -0.01 min
Lab File: BM023764.D
Acq: 15 Nov 2019 21:49

Instrument :
BNA_M
ClientSampleId :
F2J00MSD

Tgt Ion: 70 Resp: 411308

Ion	Ratio	Lower	Upper
70	100		
42	41.8	32.1	48.1
101	10.0	7.4	11.2
130	20.0	15.8	23.6

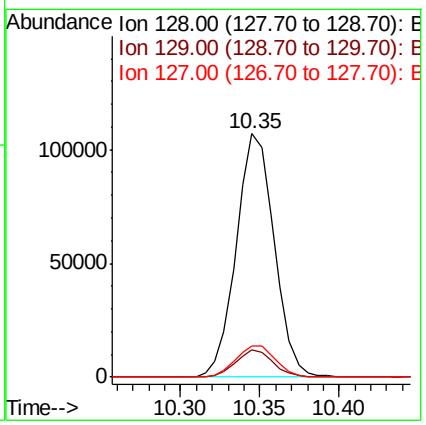


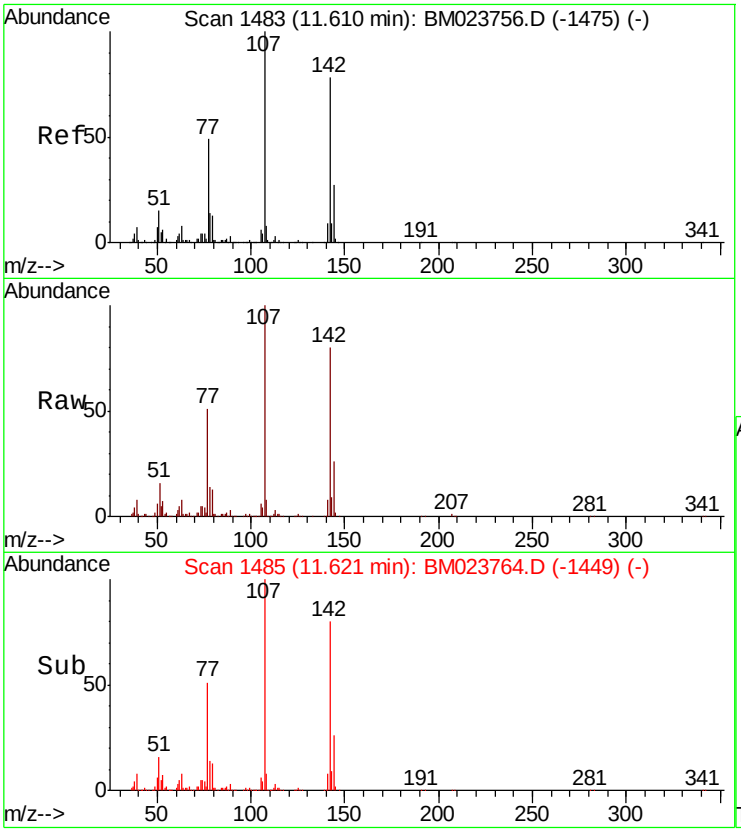


#28
Naphthalene
Concen: 2.690 ng/ul
RT: 10.35 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BM023764.D
Acq: 15 Nov 2019 21:49

Tgt Ion:128 Resp: 178357

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.7	13.1
127	13.0	10.6	16.0



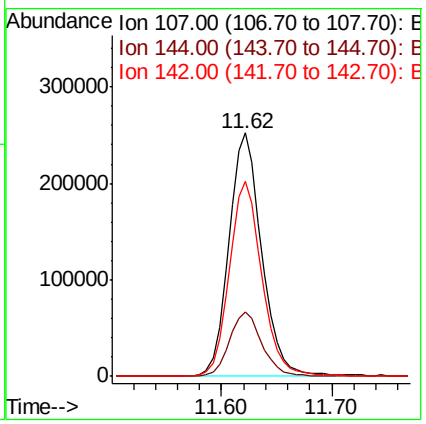


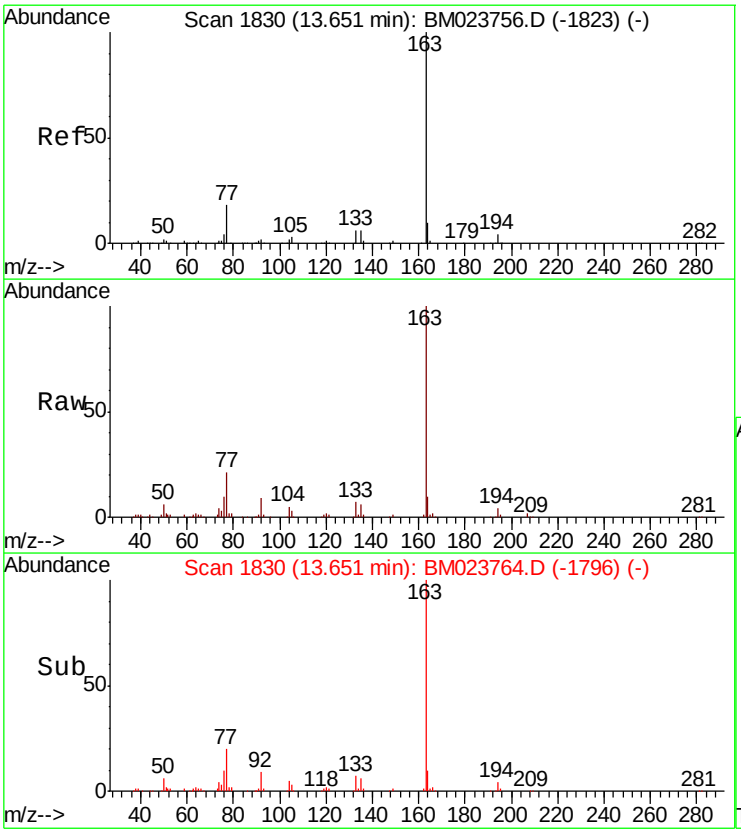
#33
4-Chloro-3-methylphenol
Concen: 22.721 ng/ul
RT: 11.62 min Scan# 1485
Delta R.T. 0.01 min
Lab File: BM023764.D
Acq: 15 Nov 2019 21:49

Instrument :
BNA_M
ClientSampleId :
F2J00MSD

Tgt Ion:107 Resp: 524917

Ion	Ratio	Lower	Upper
107	100		
144	26.3	20.6	30.8
142	80.2	62.9	94.3

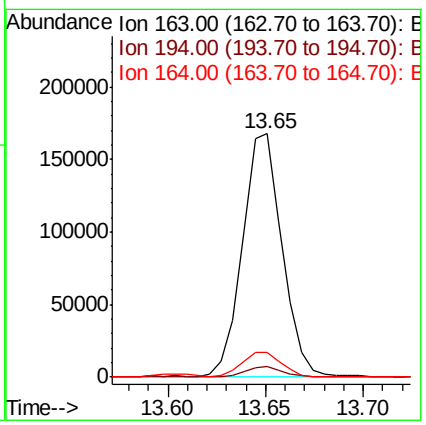


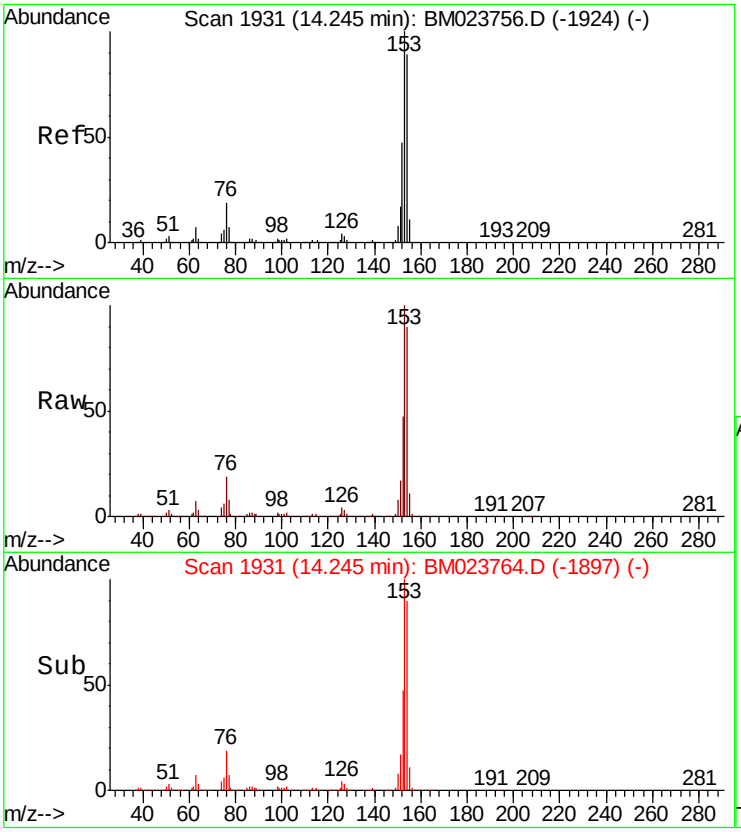


#45
Dimethylphthalate
Concen: 3.938 ng/ul
RT: 13.65 min Scan# 1830
Delta R.T. -0.00 min
Lab File: BM023764.D
Acq: 15 Nov 2019 21:49

Tgt Ion:163 Resp: 236317

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.3	8.0	12.0



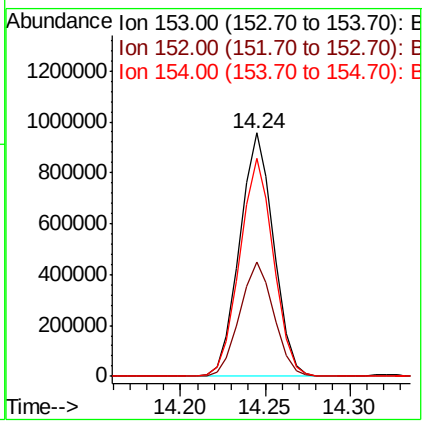


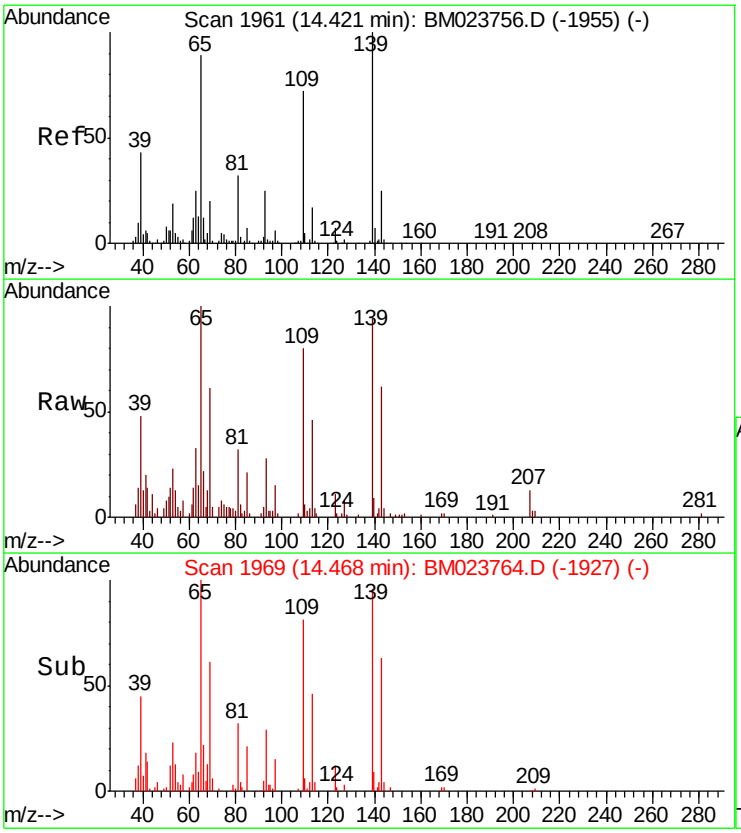
#50
Acenaphthene
Concen: 26.916 ng/ul
RT: 14.24 min Scan# 1931
Delta R.T. -0.00 min
Lab File: BM023764.D
Acq: 15 Nov 2019 21:49

Instrument :
BNA_M
ClientSampleId :
F2J00MSD

Tgt Ion:153 Resp: 1343912

Ion	Ratio	Lower	Upper
153	100		
152	47.1	37.7	56.5
154	89.6	70.6	106.0

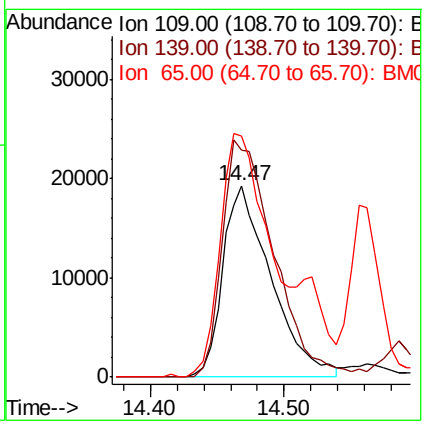


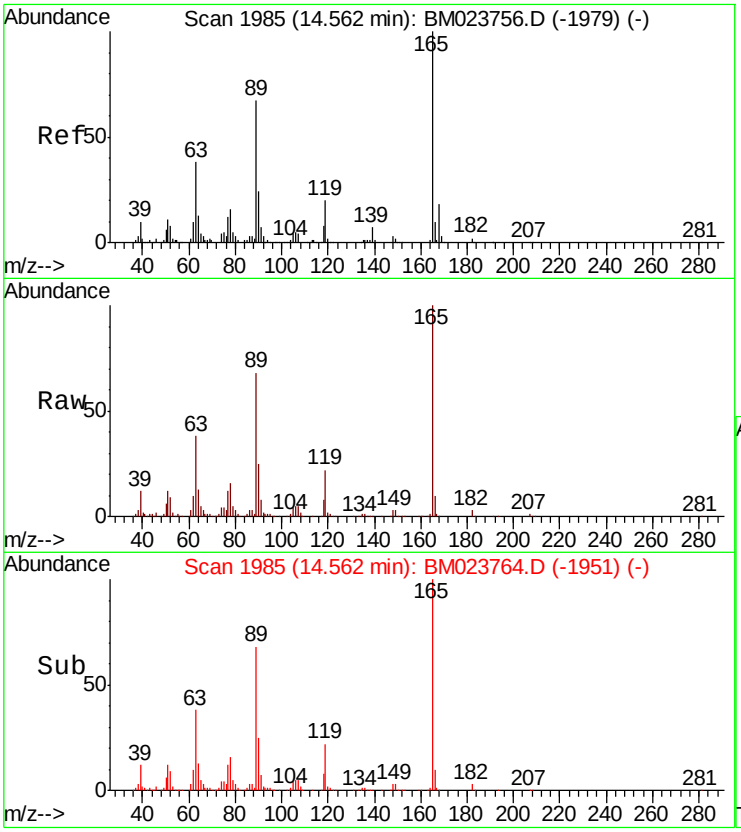


#53
4-Nitrophenol
Concen: 5.759 ng/ul
RT: 14.47 min Scan# 1969
Delta R.T. 0.05 min
Lab File: BM023764.D
Acq: 15 Nov 2019 21:49

Tgt Ion:109 Resp: 48580

Ion	Ratio	Lower	Upper
109	100		
139	118.5	103.4	155.0
65	125.6	101.3	151.9



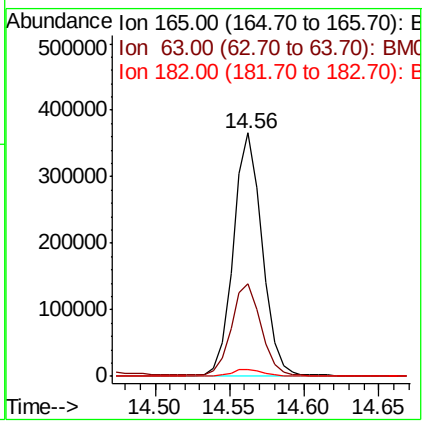


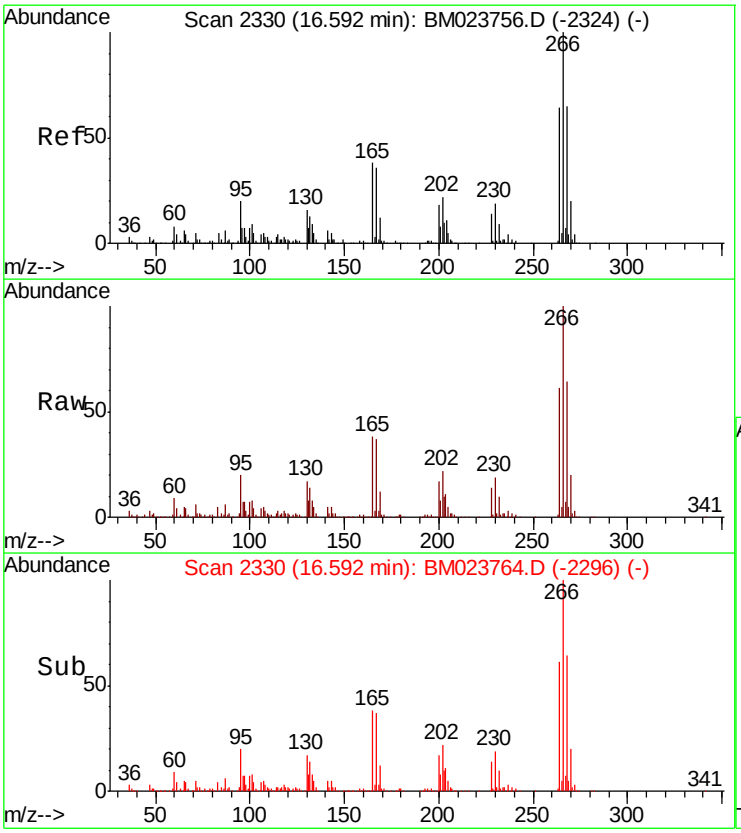
#55
2,4-Dinitrotoluene
Concen: 29.561 ng/ul
RT: 14.56 min Scan# 1985
Delta R.T. -0.00 min
Lab File: BM023764.D
Acq: 15 Nov 2019 21:49

Instrument :
BNA_M
ClientSampleId :
F2J00MSD

Tgt Ion:165 Resp: 493878

Ion	Ratio	Lower	Upper
165	100		
63	38.1	31.0	46.6
182	3.0	2.4	3.6

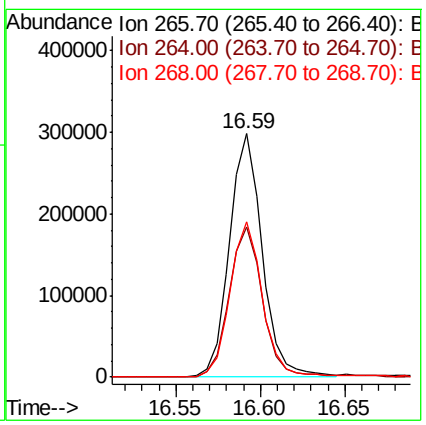


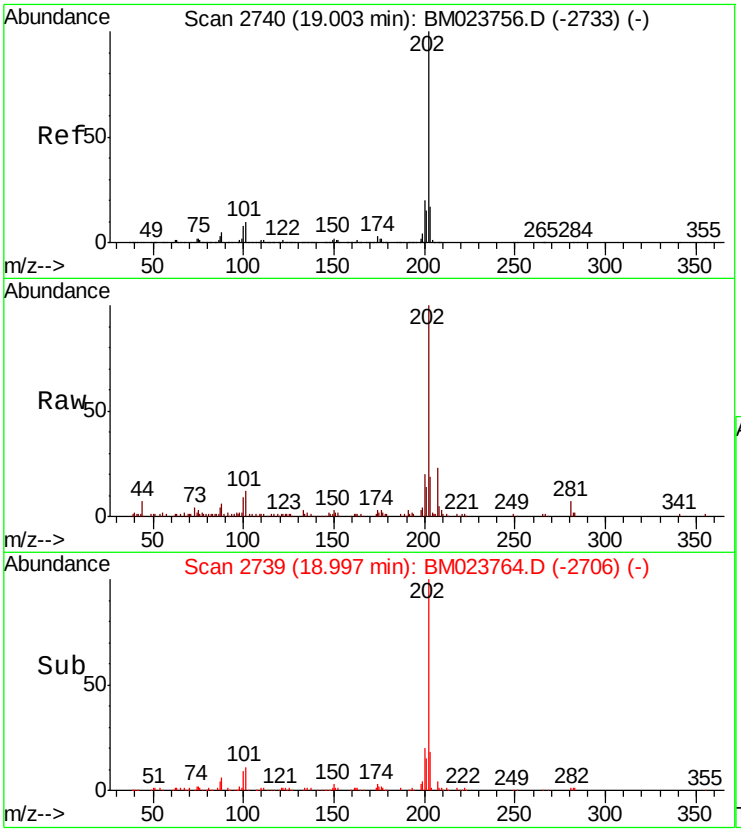


#69
Pentachlorophenol
Concen: 28.174 ng/ul
RT: 16.59 min Scan# 2330
Delta R.T. -0.00 min
Lab File: BM023764.D
Acq: 15 Nov 2019 21:49

Tgt Ion:266 Resp: 402904

Ion	Ratio	Lower	Upper
266	100		
264	61.5	50.6	75.8
268	63.7	50.9	76.3



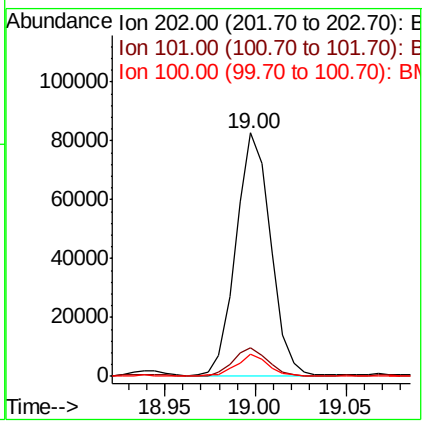


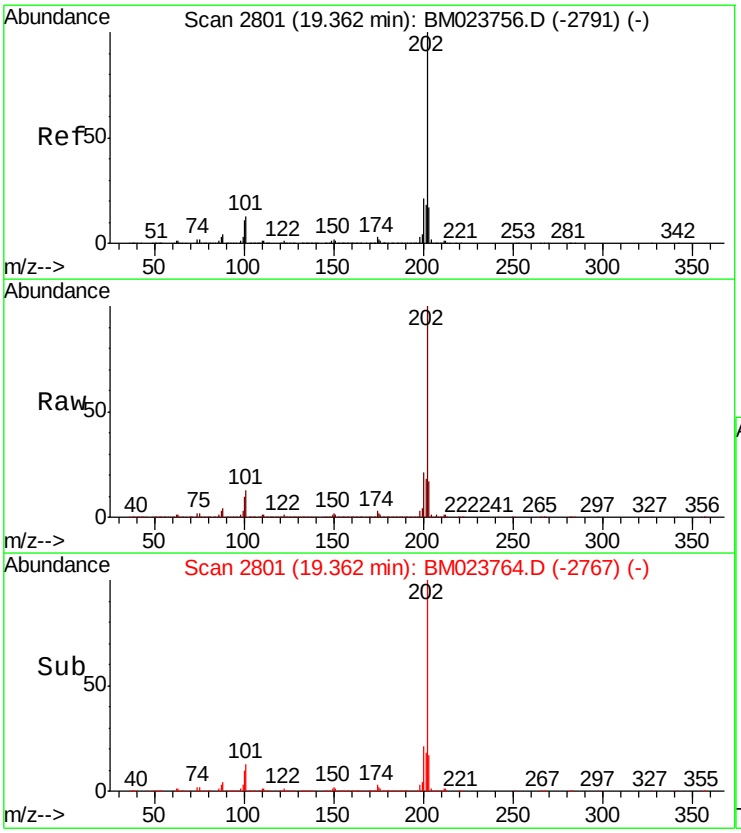
#77
Fluoranthene
Concen: 1.120 ng/ul
RT: 19.00 min Scan# 2739
Delta R.T. -0.01 min
Lab File: BM023764.D
Acq: 15 Nov 2019 21:49

Instrument :
BNA_M
ClientSampleId :
F2J00MSD

Tgt Ion:202 Resp: 110756

Ion	Ratio	Lower	Upper
202	100		
101	11.8	7.7	11.5#
100	9.3	6.0	9.0#

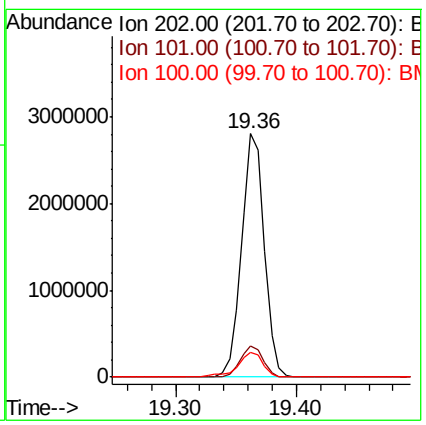


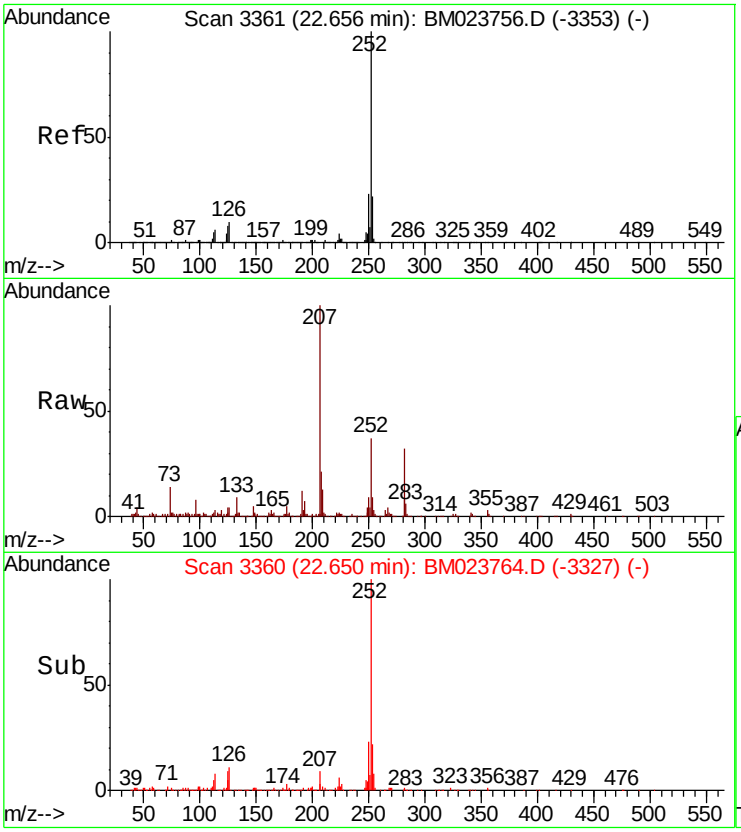


#80
Pyrene
Concen: 34.140 ng/ul
RT: 19.36 min Scan# 2801
Delta R.T. -0.00 min
Lab File: BM023764.D
Acq: 15 Nov 2019 21:49

Tgt Ion:202 Resp: 3690572

Ion	Ratio	Lower	Upper
202	100		
101	12.8	9.8	14.6
100	10.3	8.1	12.1





#88
Benzo(b)fluoranthene
Concen: 1.658 ng/ul
RT: 22.65 min Scan# 3360
Delta R.T. -0.01 min
Lab File: BM023764.D
Acq: 15 Nov 2019 21:49

Instrument :
BNA_M
ClientSampleId :
F2J00MSD

Tgt Ion:252 Resp: 212149

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.8	26.8
125	10.8	6.5	9.7#