Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112619\
Data File : BM023890.D
Acq On : 26 Nov 2019 13:23
Operator : JU
Sample : K5815-02MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A5460MS

Quant Time: Nov 26 14:01:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 26 13:12:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	338864	20.00	ng/ul	0.00
18) Naphthalene-d8	10.27	136	1433360	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.16	164	892660	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.92	188	1837575	20.00	ng/ul	0.00
78) Chrysene-d12	21.12	240	1681521	20.00	ng/ul	0.00
86) Perylene-d12	23.27	264	1945100	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.05	96	50943	6.20	ng/uL	0.00
5) Phenol-d5	6.69	99	239020	7.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	517866	29.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	601658	26.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.22	113	398899	16.19	ng/ul	0.00
19) Nitrobenzene-d5	8.65	128	343828	33.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.37	143	393660	36.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.91	165	659190	26.81	ng/ul	0.00
29) 4-Chloroaniline-d4	10.43	131	49006	1.81	ng/ul	0.02
44) Dimethylphthalate-d6	13.58	166	2284513	32.82	ng/ul	0.00
47) Acenaphthylene-d8	13.85	160	2591209	32.62	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	76183	6.41	ng/ul	0.00
58) Fluorene-d10	15.16	176	1915514	31.16	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.30	200	308344	29.01	ng/ul	0.00
71) Anthracene-d10	17.01	188	2871136	32.94	ng/ul	0.00
79) Pyrene-d10	19.32	212	3029725	34.56	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.13	264	3409500	33.31	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.72	94	284720	8.948	ng/ul	97
10) 2-Chlorophenol	7.07	128	573275	24.843	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.31	70	572313	28.347	ng/ul	99
33) 4-Chloro-3-methylphenol	11.58	107	626532	23.866	ng/ul	100
45) Dimethylphthalate	13.63	163	71425	1.047	ng/ul	99
50) Acenaphthene	14.22	153	1720549	30.315	ng/ul	100
53) 4-Nitrophenol	14.41	109	58660	6.117	ng/ul	91
55) 2,4-Dinitrotoluene	14.55	165	586917	30.905	ng/ul	97
69) Pentachlorophenol	16.57	266	405819	25.870	ng/ul	100
80) Pyrene	19.34	202	3669448	33.761	ng/ul	94
84) Bis(2-ethylhexyl)phthalate	21.06	149	130428	2.509	ng/ul	98

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

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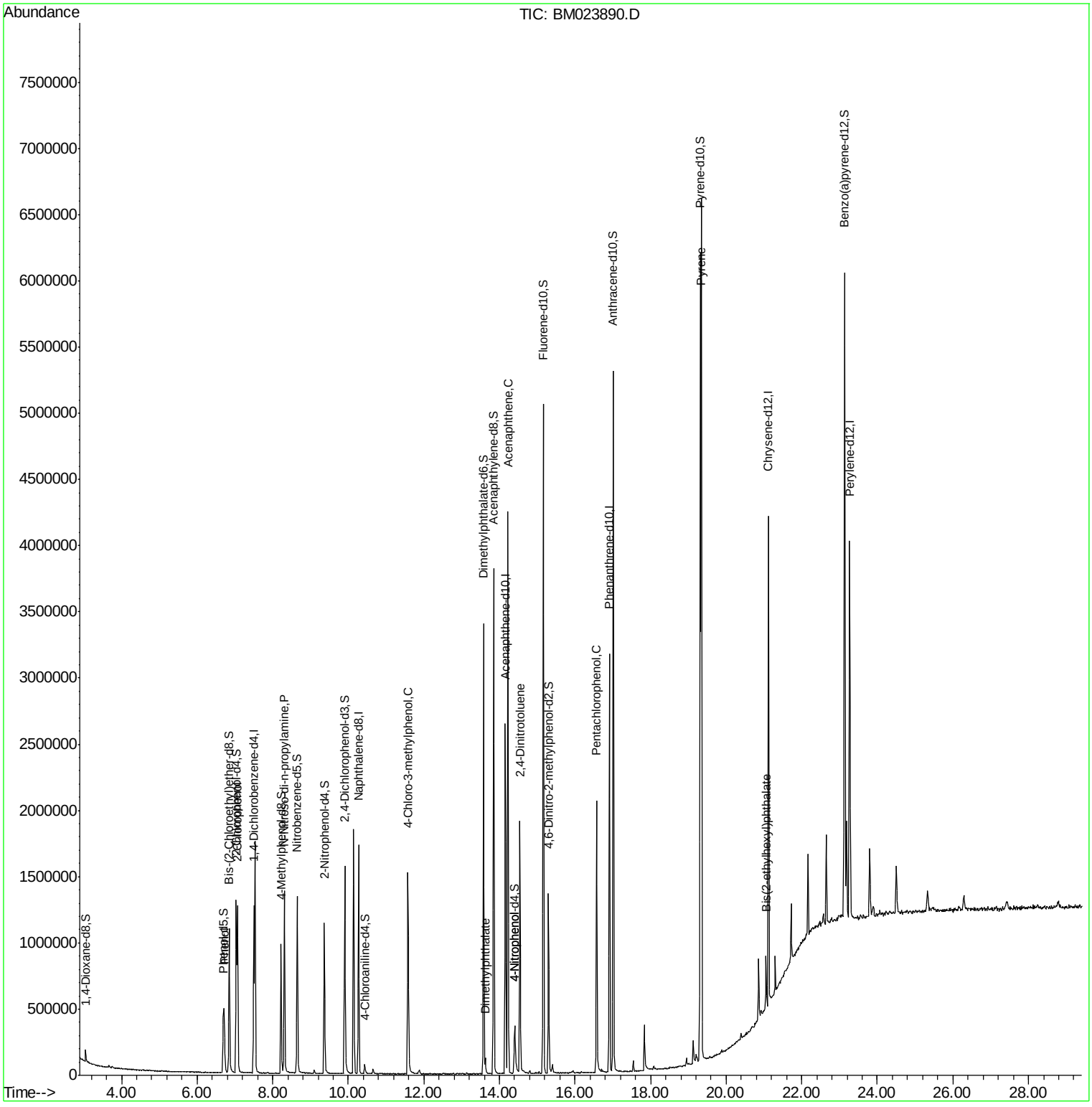
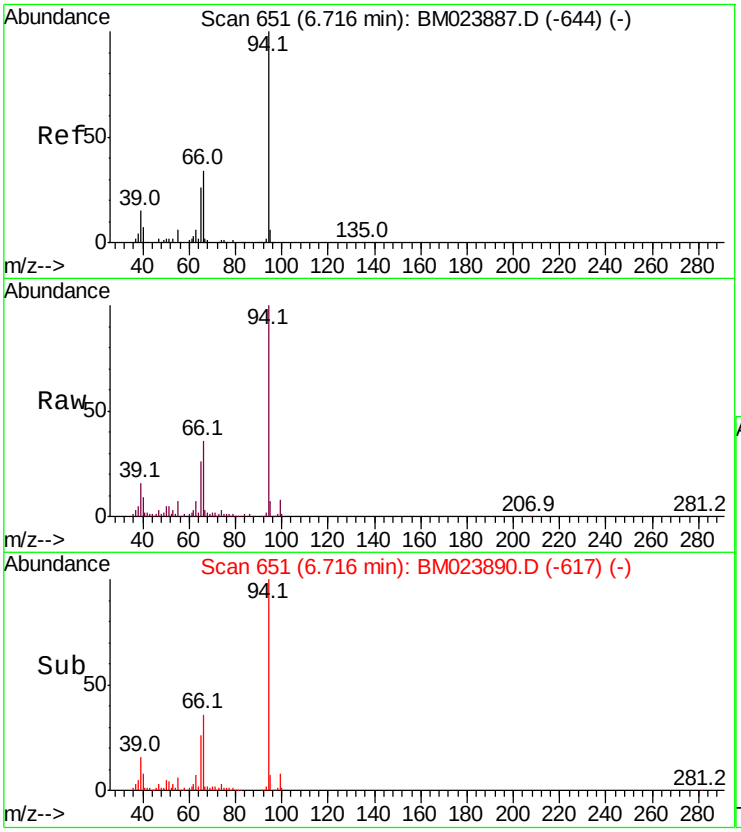


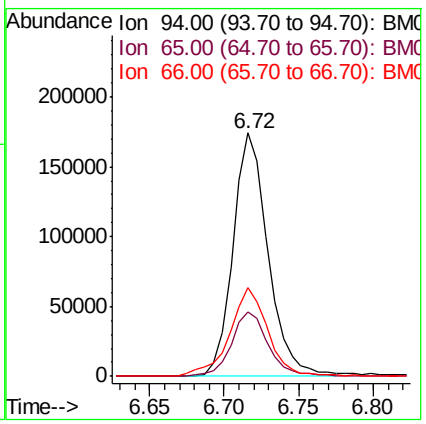


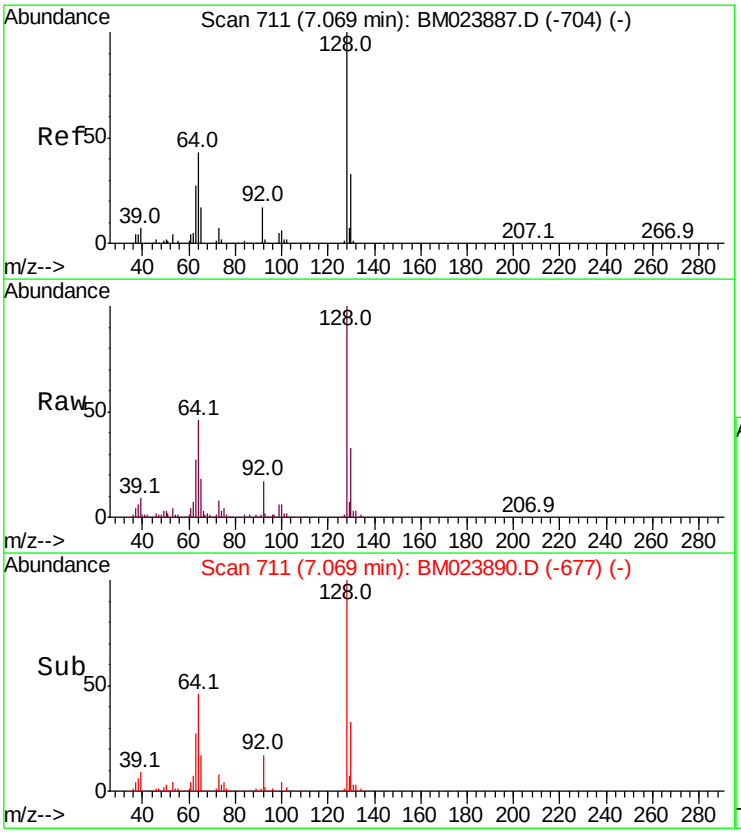
#6
Phenol
Concen: 8.948 ng/ul
RT: 6.72 min Scan# 651
Delta R.T. -0.00 min
Lab File: BM023890.D
Acq: 26 Nov 2019 13:23

Instrument :
BNA_M
ClientSampleId :
A5460MS

Tgt Ion: 94 Resp: 284720

Ion	Ratio	Lower	Upper
94	100		
65	26.3	21.4	32.2
66	36.2	30.7	46.1

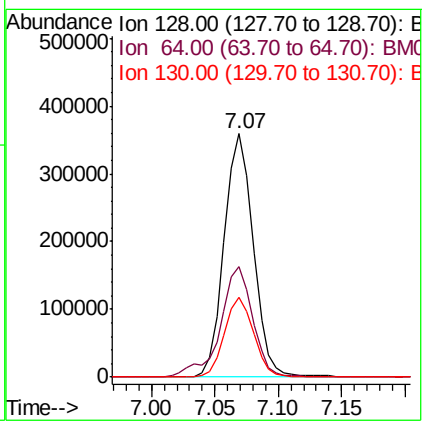


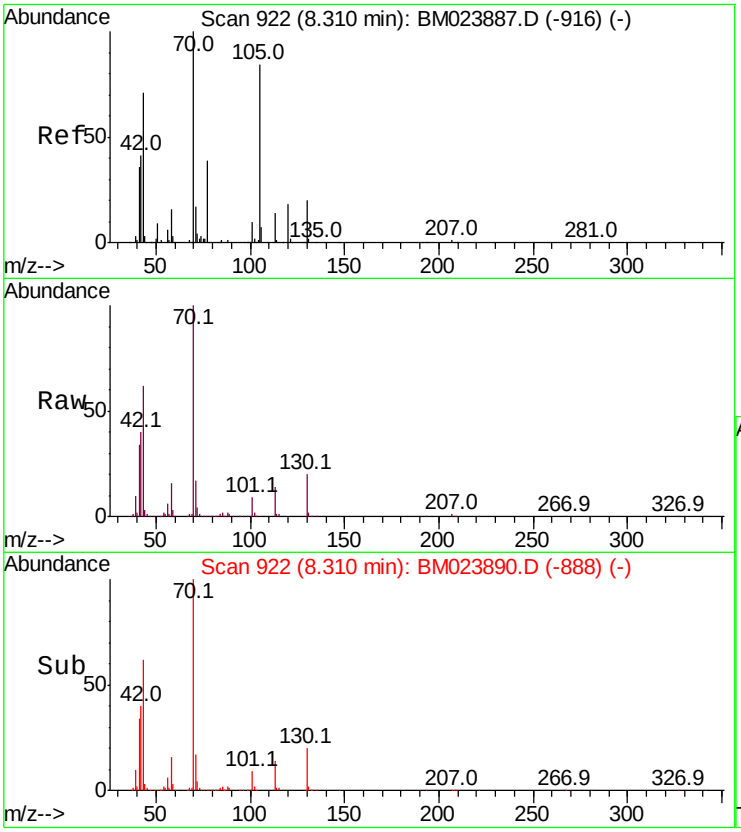


#10
2-Chlorophenol
Concen: 24.843 ng/ul
RT: 7.07 min Scan# 711
Delta R.T. -0.00 min
Lab File: BM023890.D
Acq: 26 Nov 2019 13:23

Tgt Ion:128 Resp: 573275

Ion	Ratio	Lower	Upper
128	100		
64	45.6	38.1	57.1
130	32.9	26.4	39.6



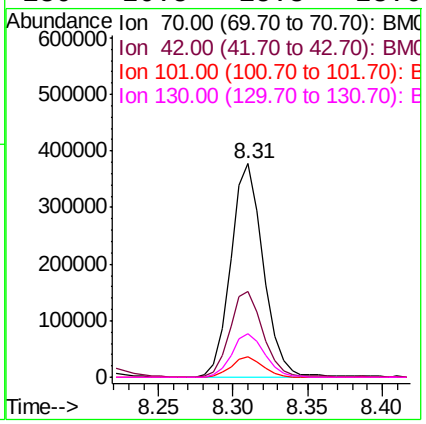


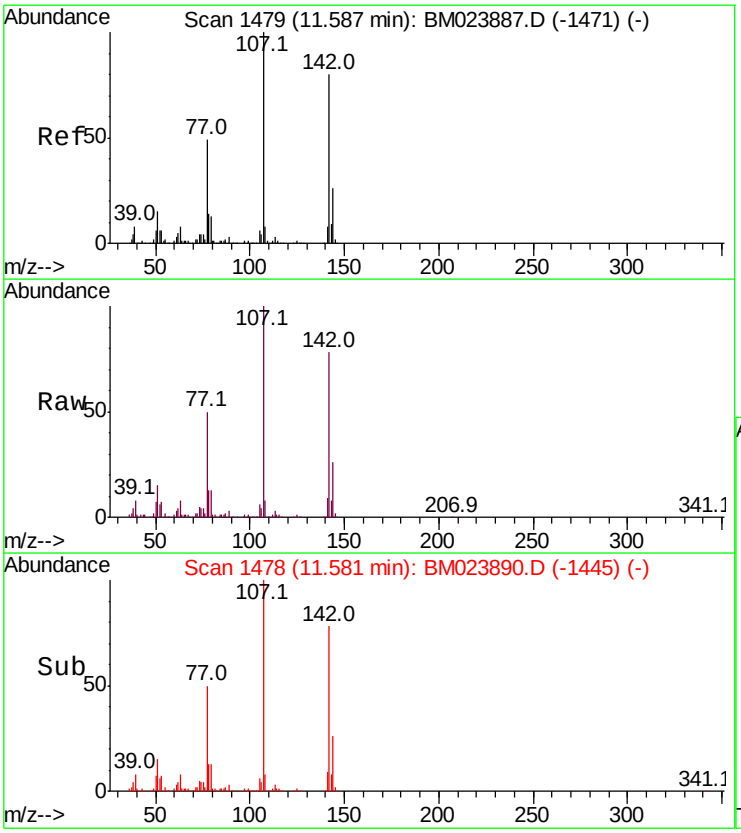
#15
N-Nitroso-di-n-propylamine
Concen: 28.347 ng/ul
RT: 8.31 min Scan# 922
Delta R.T. -0.00 min
Lab File: BM023890.D
Acq: 26 Nov 2019 13:23

Instrument :
BNA_M
ClientSampleId :
A5460MS

Tgt Ion: 70 Resp: 572313

Ion	Ratio	Lower	Upper
70	100		
42	40.4	32.1	48.1
101	9.5	7.4	11.2
130	20.5	15.8	23.6

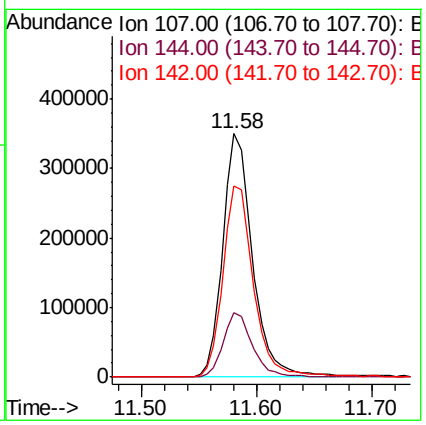


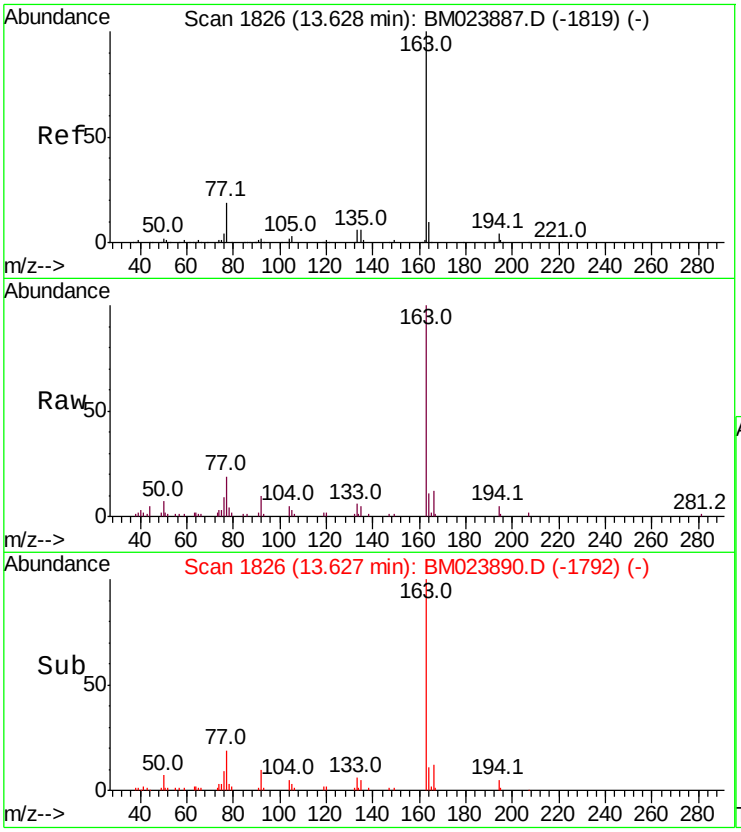


#33
4-Chloro-3-methylphenol
Concen: 23.866 ng/ul
RT: 11.58 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BM023890.D
Acq: 26 Nov 2019 13:23

Tgt Ion:107 Resp: 626532

Ion	Ratio	Lower	Upper
107	100		
144	26.3	20.6	30.8
142	78.4	62.9	94.3



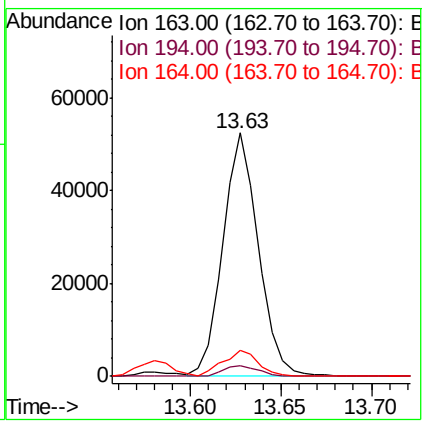


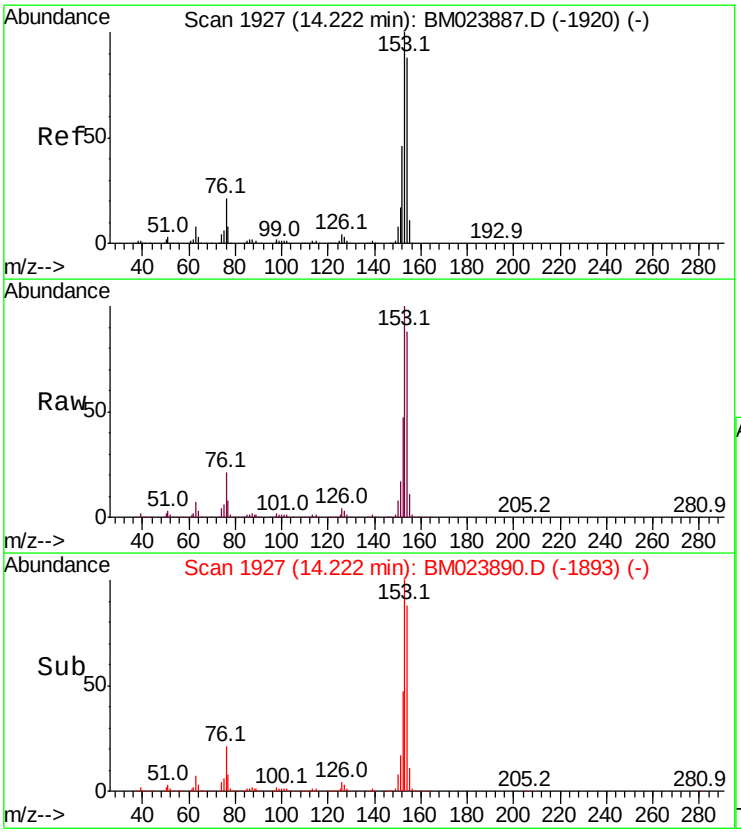
#45
Dimethylphthalate
Concen: 1.047 ng/ul
RT: 13.63 min Scan# 1826
Delta R.T. -0.00 min
Lab File: BM023890.D
Acq: 26 Nov 2019 13:23

Instrument :
BNA_M
ClientSampleId :
A5460MS

Tgt Ion:163 Resp: 71425

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	10.6	8.0	12.0

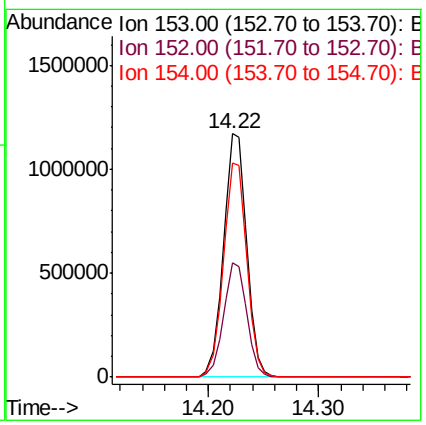


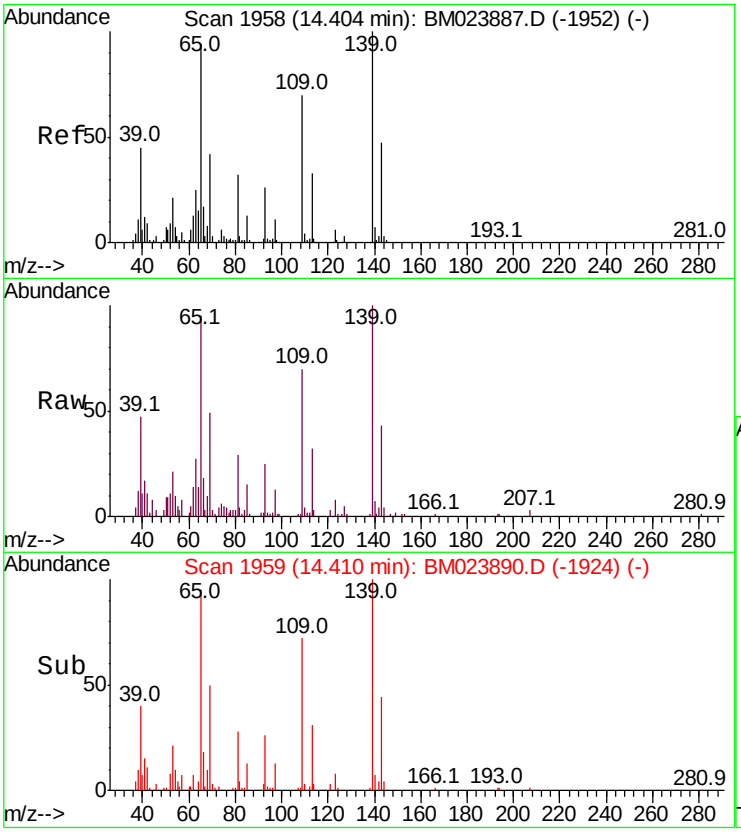


#50
Acenaphthene
Concen: 30.315 ng/ul
RT: 14.22 min Scan# 1927
Delta R.T. -0.00 min
Lab File: BM023890.D
Acq: 26 Nov 2019 13:23

Tgt Ion:153 Resp: 1720549

Ion	Ratio	Lower	Upper
153	100		
152	46.7	37.7	56.5
154	88.1	70.6	106.0



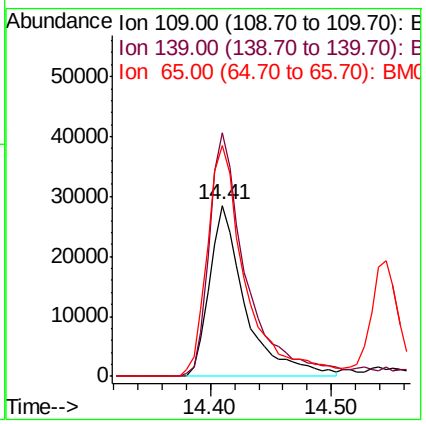


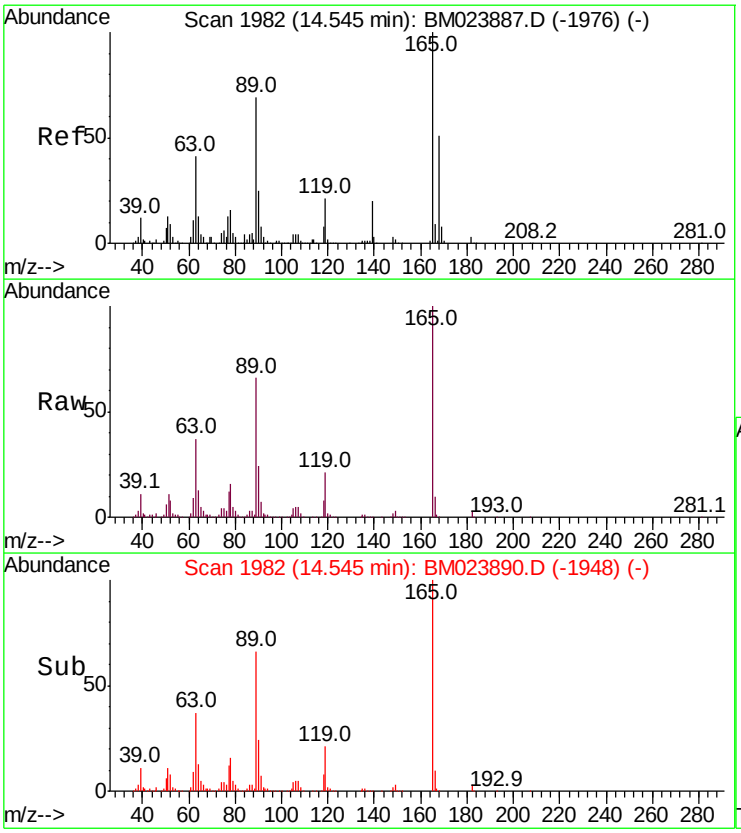
#53
4-Nitrophenol
Concen: 6.117 ng/ul
RT: 14.41 min Scan# 1959
Delta R.T. 0.01 min
Lab File: BM023890.D
Acq: 26 Nov 2019 13:23

Instrument :
BNA_M
ClientSampleId :
A5460MS

Tgt Ion:109 Resp: 58660

Ion	Ratio	Lower	Upper
109	100		
139	142.3	103.4	155.0
65	134.5	101.3	151.9

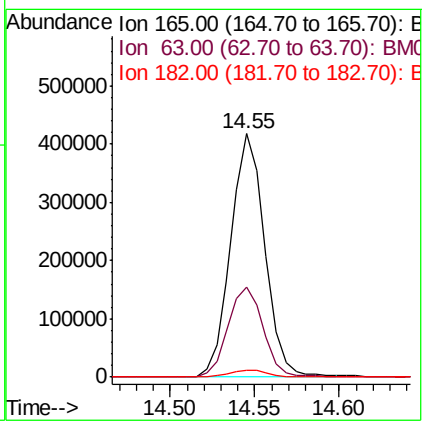


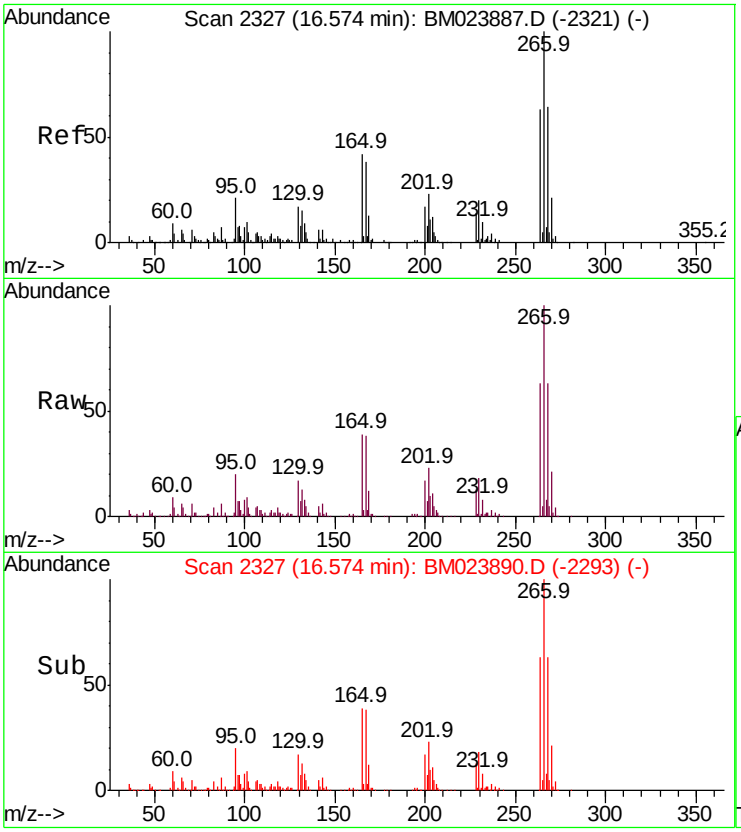


#55
2,4-Dinitrotoluene
Concen: 30.905 ng/ul
RT: 14.55 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BM023890.D
Acq: 26 Nov 2019 13:23

Tgt Ion:165 Resp: 586917

Ion	Ratio	Lower	Upper
165	100		
63	37.1	31.0	46.6
182	3.0	2.4	3.6



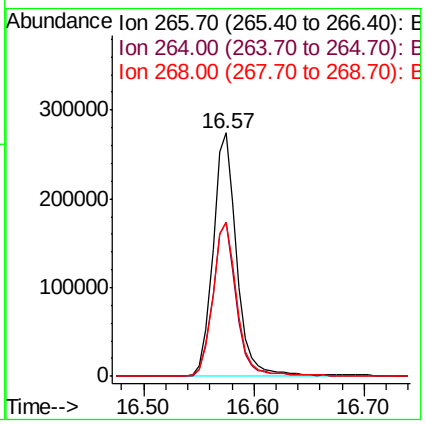


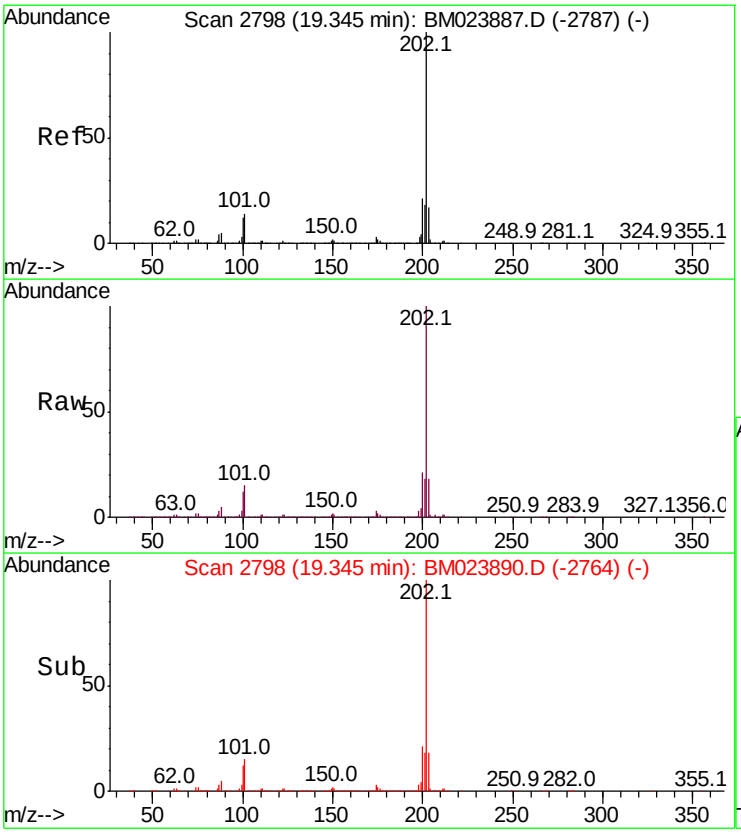
#69
Pentachlorophenol
Concen: 25.870 ng/ul
RT: 16.57 min Scan# 2327
Delta R.T. -0.00 min
Lab File: BM023890.D
Acq: 26 Nov 2019 13:23

Instrument :
BNA_M
ClientSampleId :
A5460MS

Tgt Ion:266 Resp: 405819

Ion	Ratio	Lower	Upper
266	100		
264	63.4	50.6	75.8
268	63.4	50.9	76.3

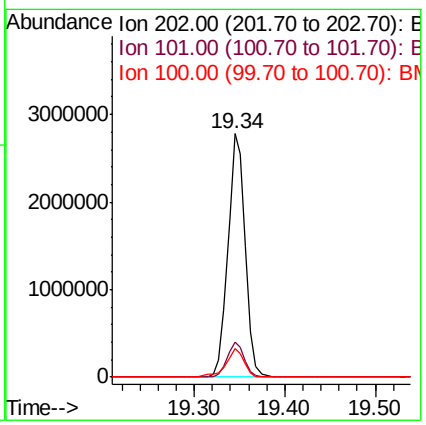


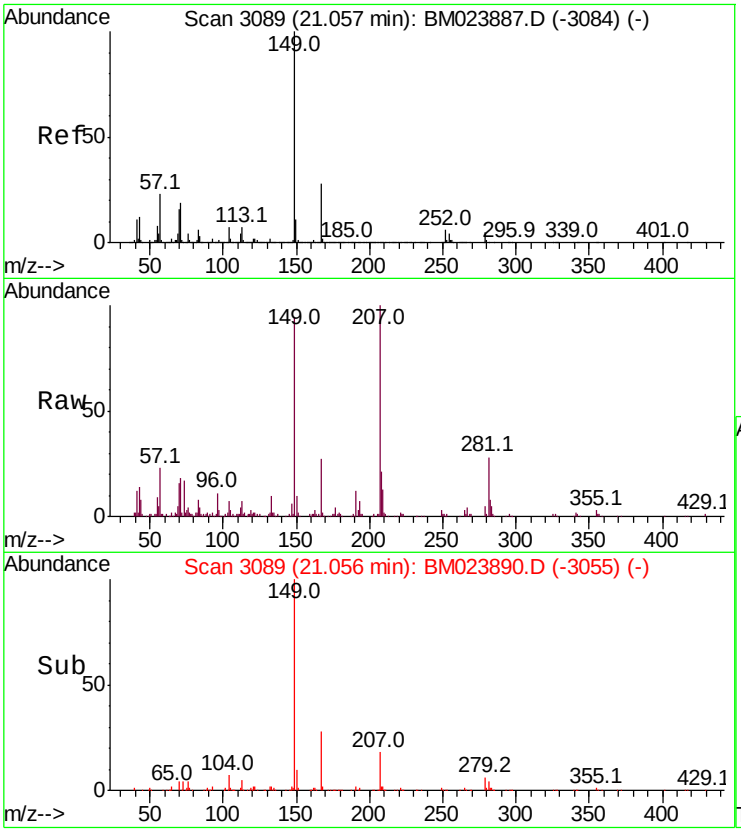


#80
Pyrene
Concen: 33.761 ng/ul
RT: 19.34 min Scan# 2798
Delta R.T. -0.00 min
Lab File: BM023890.D
Acq: 26 Nov 2019 13:23

Tgt Ion:202 Resp: 3669448

Ion	Ratio	Lower	Upper
202	100		
101	14.6	9.8	14.6
100	12.0	8.1	12.1





#84
Bis(2-ethylhexyl)phthalate
Concen: 2.509 ng/ul
RT: 21.06 min Scan# 3089
Delta R.T. -0.00 min
Lab File: BM023890.D
Acq: 26 Nov 2019 13:23

Instrument :
BNA_M
ClientSampleId :
A5460MS

Tgt Ion:149 Resp: 130428

Ion	Ratio	Lower	Upper
149	100		
167	28.5	23.4	35.2
279	5.6	5.0	7.4