Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012220\
Data File : BM024577.D
Acq On : 22 Jan 2020 12:23
Operator : JU
Sample : L1118-07MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASJ8MSD

Quant Time: Jan 22 15:53:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 22 15:40:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	168556	20.00	ng/ul	0.00
18) Naphthalene-d8	10.21	136	741177	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.10	164	537392	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.85	188	1269176	20.00	ng/ul	0.00
78) Chrysene-d12	21.06	240	1171743	20.00	ng/ul	0.00
86) Perylene-d12	23.17	264	1056440	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	19636	5.69	ng/uL	0.00
5) Phenol-d5	6.65	99	352416	28.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	203629	29.34	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	328865	30.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	323672	28.10	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	173239	33.27	ng/ul	0.00
22) 2-Nitrophenol-d4	9.30	143	199876	35.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.84	165	369817	29.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.35	131	480647	34.06	ng/ul	0.00
44) Dimethylphthalate-d6	13.52	166	1293275	30.71	ng/ul	0.00
47) Acenaphthylene-d8	13.79	160	1498919	30.93	ng/ul	0.00
52) 4-Nitrophenol-d4	14.32	143	205438	29.23	ng/ul	0.00
58) Fluorene-d10	15.10	176	1146775	30.94	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.22	200	192105	26.52	ng/ul	0.00
71) Anthracene-d10	16.95	188	1814987	30.75	ng/ul	0.00
79) Pyrene-d10	19.25	212	2127482	33.97	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.04	264	1702906	31.08	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.67	94	432864	34.095	ng/ul	99
10) 2-Chlorophenol	7.02	128	364576	34.140	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.26	70	288631	33.761	ng/ul	96
33) 4-Chloro-3-methylphenol	11.51	107	425602	33.248	ng/ul	97
45) Dimethylphthalate	13.57	163	174765	4.083	ng/ul	99
50) Acenaphthene	14.16	153	1073410	32.038	ng/ul	99
53) 4-Nitrophenol	14.33	109	222789	34.092	ng/ul	94
55) 2,4-Dinitrotoluene	14.47	165	418453	34.748	ng/ul	96
69) Pentachlorophenol	16.51	266	331444	32.219	ng/ul	99
80) Pyrene	19.29	202	2832927	35.317	ng/ul	98

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

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Quant Title : SVOA CALIBRATION
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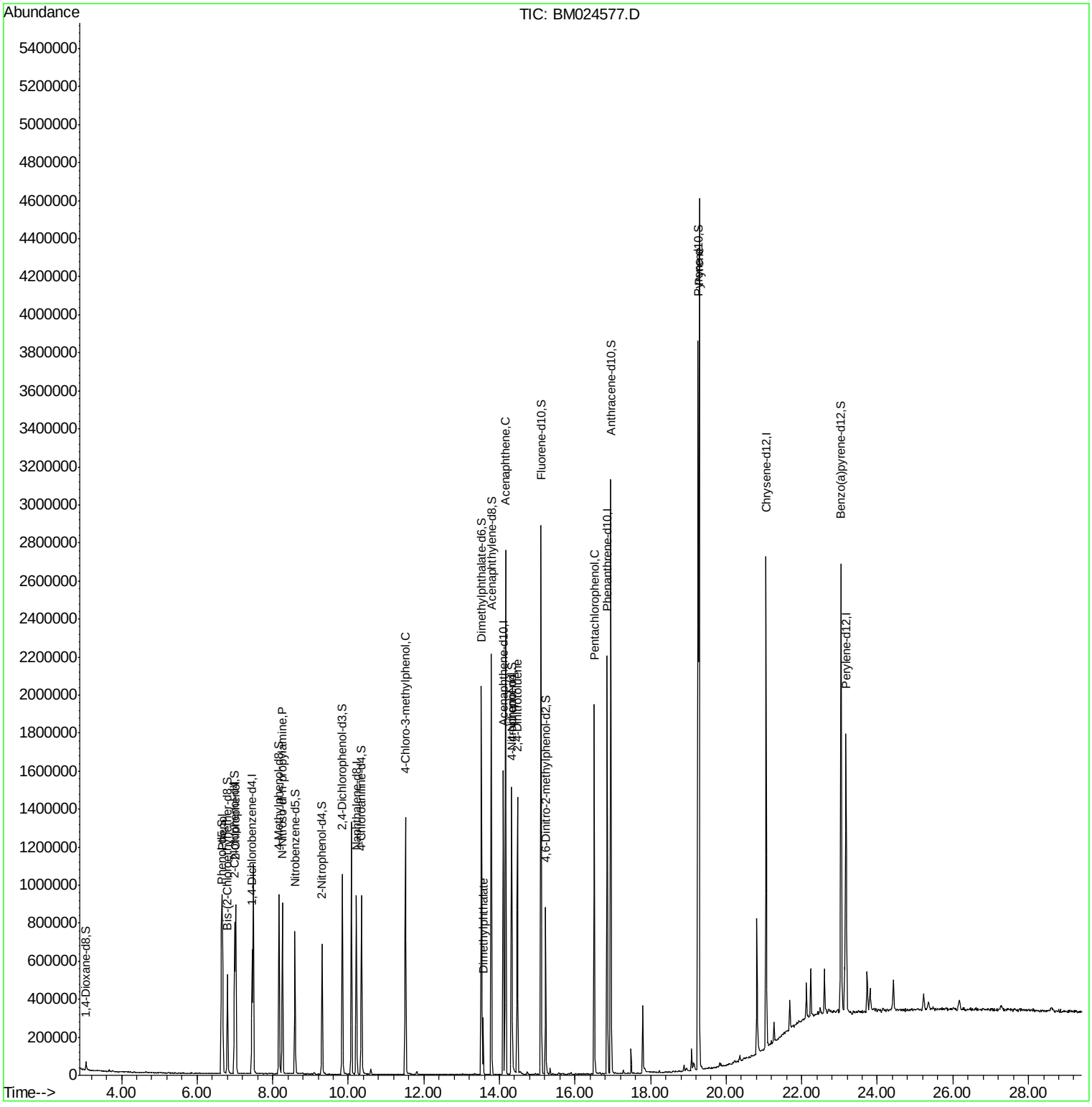
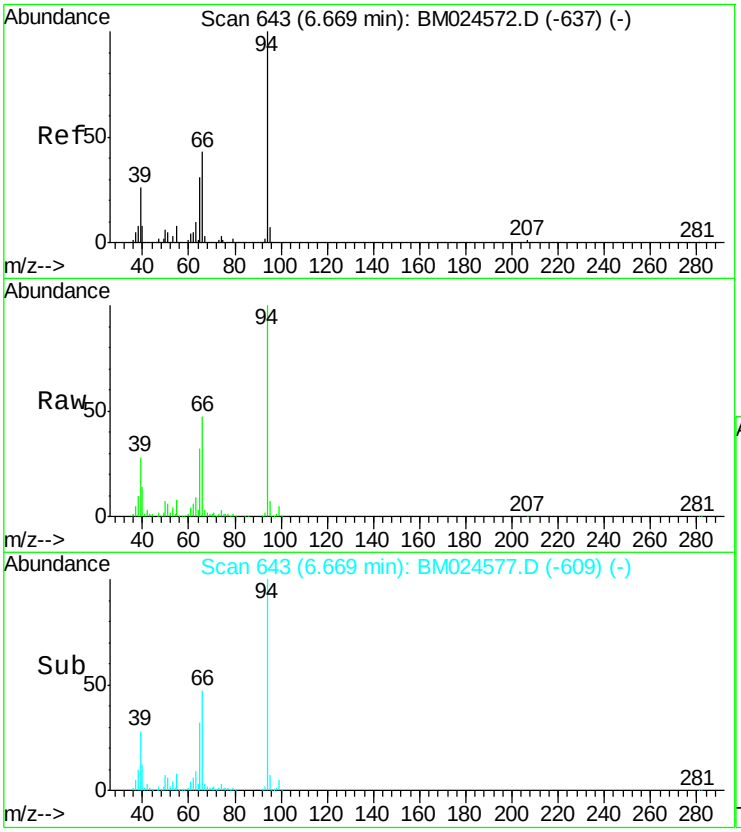


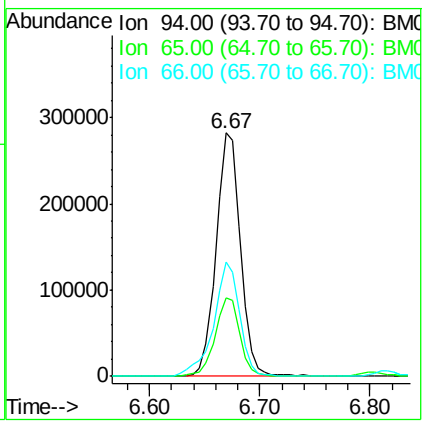


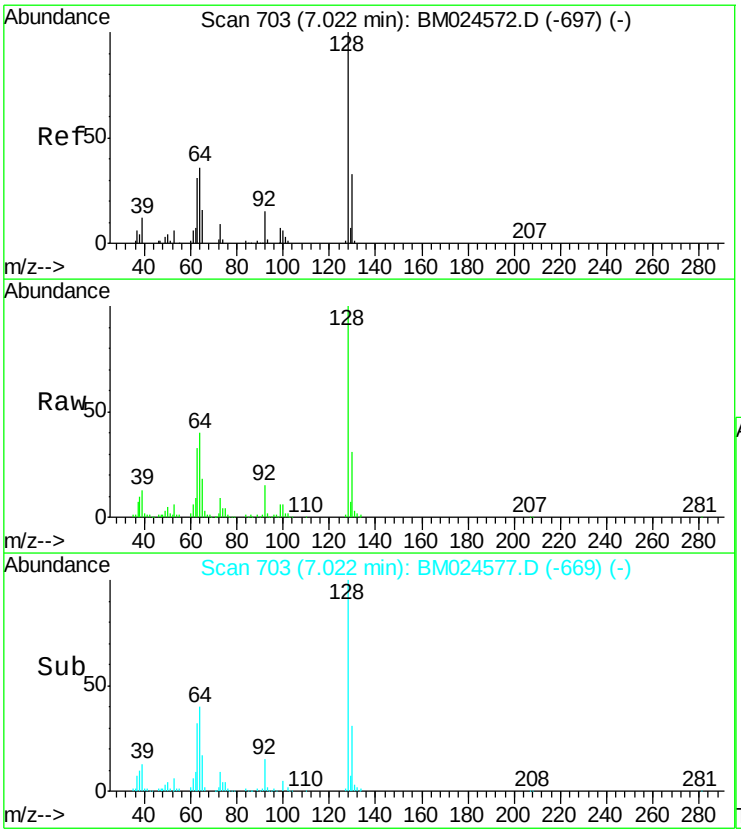
#6
Phenol
Concen: 34.095 ng/ul
RT: 6.67 min Scan# 643
Delta R.T. 0.00 min
Lab File: BM024577.D
Acq: 22 Jan 2020 12:23

Instrument :
BNA_M
ClientSampleId :
GASJ8MSD

Tgt Ion: 94 Resp: 432864

Ion	Ratio	Lower	Upper
94	100		
65	32.5	26.7	40.1
66	47.1	38.1	57.1

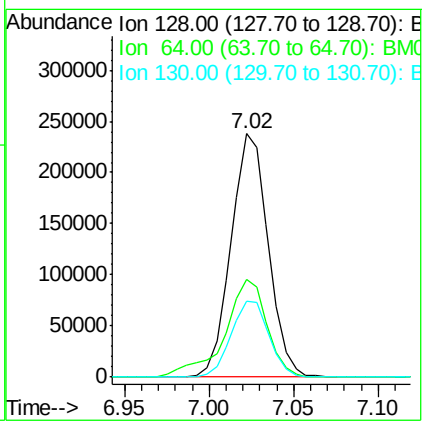


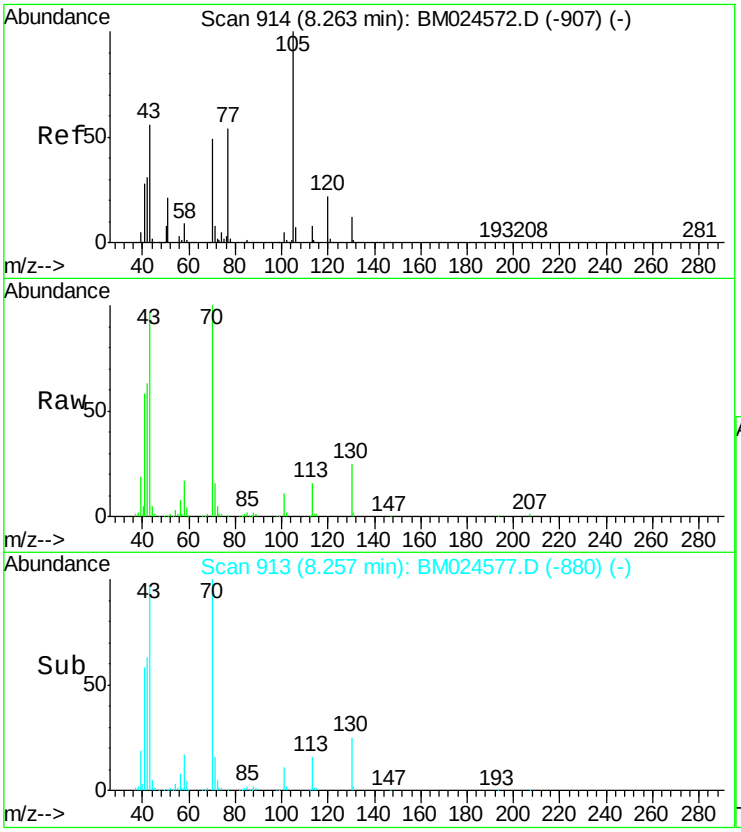


#10
2-Chlorophenol
Concen: 34.140 ng/ul
RT: 7.02 min Scan# 703
Delta R.T. 0.00 min
Lab File: BM024577.D
Acq: 22 Jan 2020 12:23

Tgt Ion:128 Resp: 364576

Ion	Ratio	Lower	Upper
128	100		
64	40.2	34.0	51.0
130	31.2	25.4	38.2



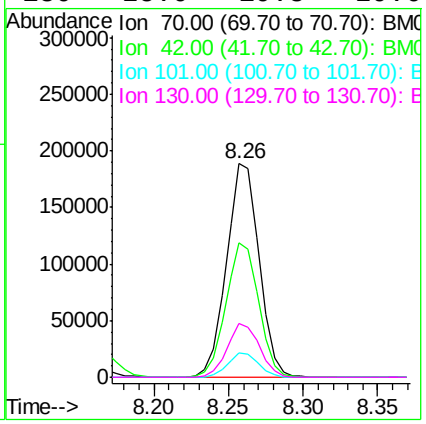


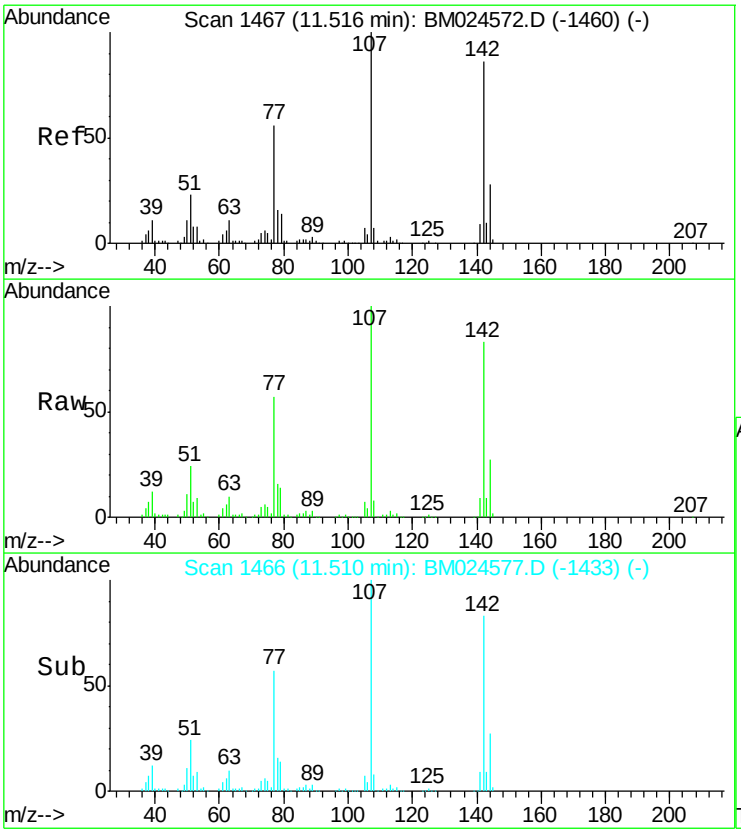
#15
N-Nitroso-di-n-propylamine
Concen: 33.761 ng/ul
RT: 8.26 min Scan# 913
Delta R.T. -0.01 min
Lab File: BM024577.D
Acq: 22 Jan 2020 12:23

Instrument :
BNA_M
ClientSampleId :
GASJ8MSD

Tgt Ion: 70 Resp: 288631

Ion	Ratio	Lower	Upper
70	100		
42	63.2	54.1	81.1
101	11.2	8.6	12.8
130	25.0	19.8	29.6

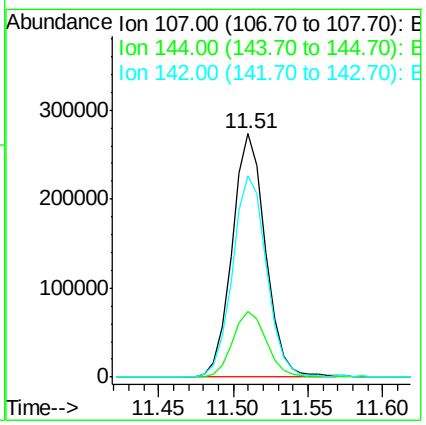


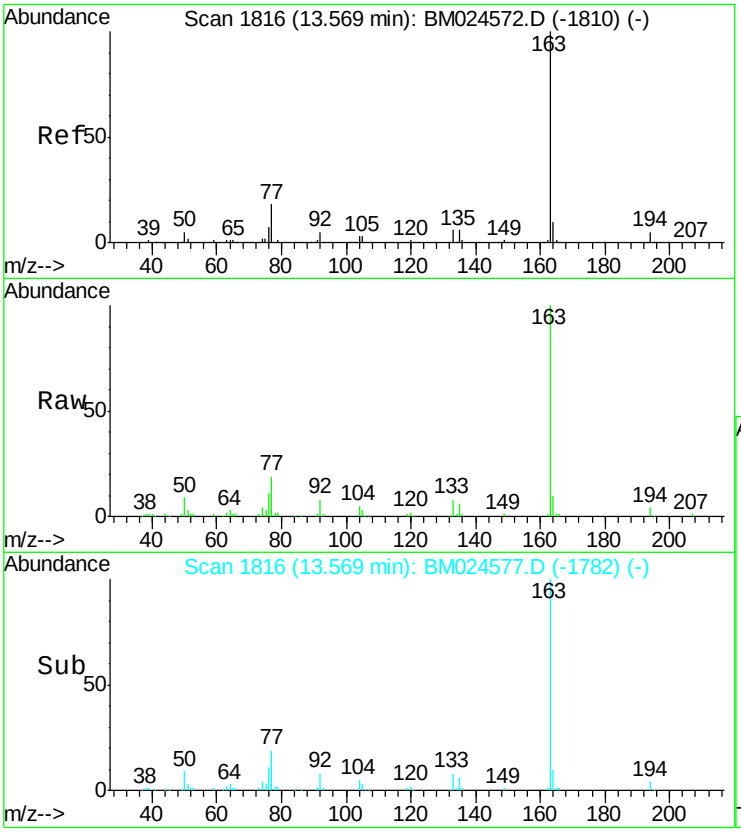


#33
4-Chloro-3-methylphenol
Concen: 33.248 ng/ul
RT: 11.51 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BM024577.D
Acq: 22 Jan 2020 12:23

Tgt Ion:107 Resp: 425602

Ion	Ratio	Lower	Upper
107	100		
144	27.1	21.3	31.9
142	82.6	68.7	103.1



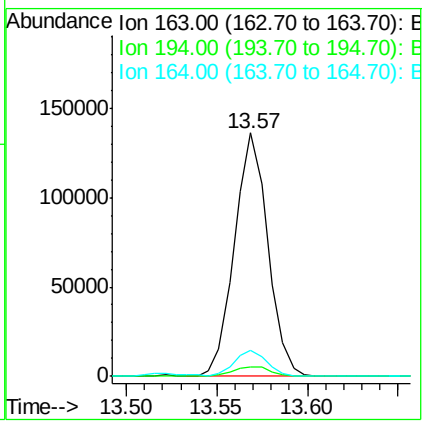


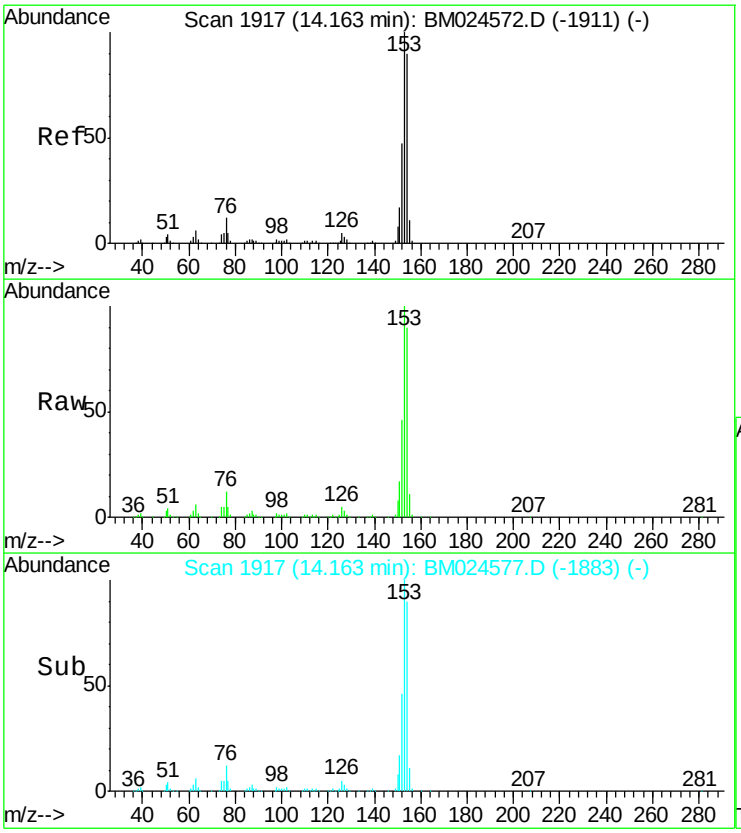
#45
Dimethylphthalate
Concen: 4.083 ng/ul
RT: 13.57 min Scan# 1816
Delta R.T. 0.00 min
Lab File: BM024577.D
Acq: 22 Jan 2020 12:23

Instrument :
BNA_M
ClientSampleId :
GASJ8MSD

Tgt Ion:163 Resp: 174765

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.5	8.0	12.0

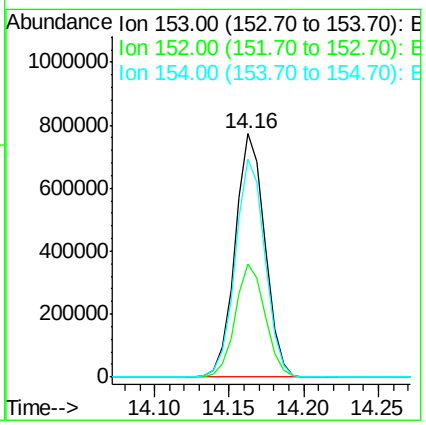


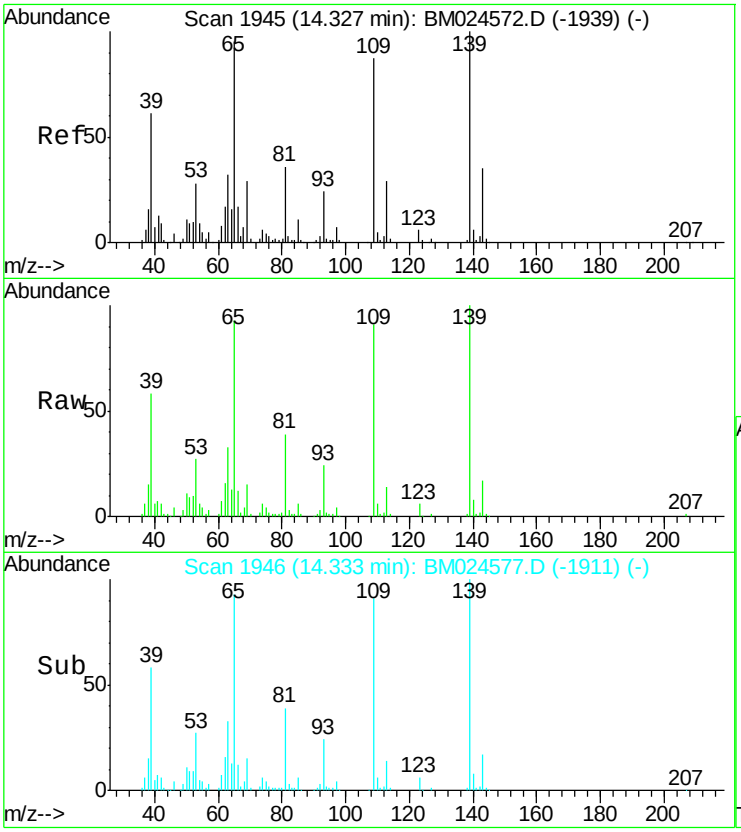


#50
Acenaphthene
Concen: 32.038 ng/ul
RT: 14.16 min Scan# 1917
Delta R.T. 0.00 min
Lab File: BM024577.D
Acq: 22 Jan 2020 12:23

Tgt Ion:153 Resp: 1073410

Ion	Ratio	Lower	Upper
153	100		
152	46.4	37.2	55.8
154	89.8	70.6	106.0



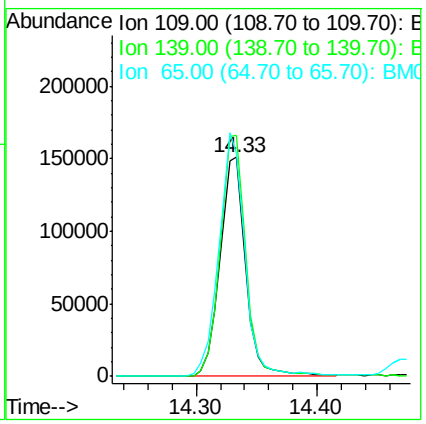


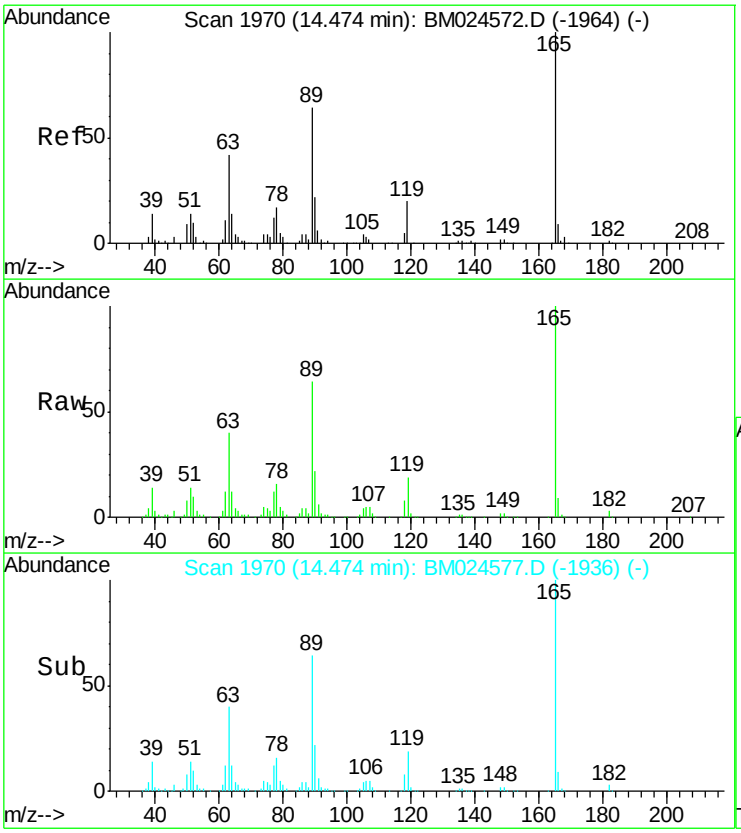
#53
4-Nitrophenol
Concen: 34.092 ng/ul
RT: 14.33 min Scan# 1946
Delta R.T. 0.01 min
Lab File: BM024577.D
Acq: 22 Jan 2020 12:23

Instrument :
BNA_M
ClientSampleId :
GASJ8MSD

Tgt Ion:109 Resp: 222789

Ion	Ratio	Lower	Upper
109	100		
139	110.2	88.6	133.0
65	102.1	91.8	137.8

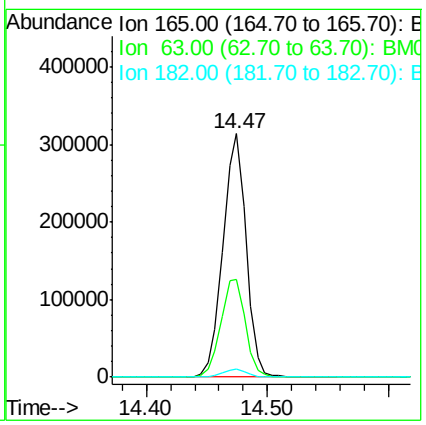


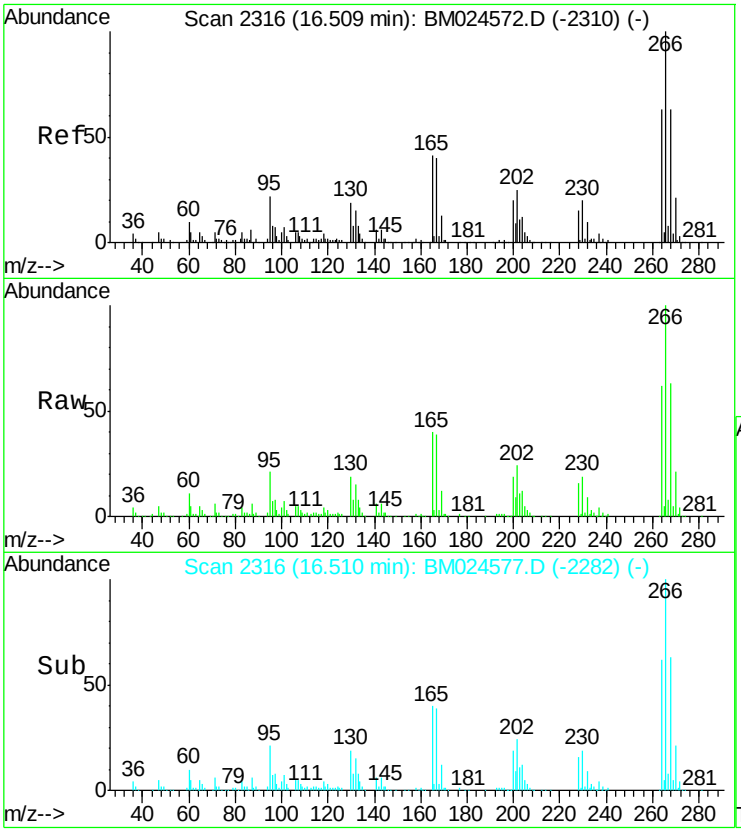


#55
2,4-Dinitrotoluene
Concen: 34.748 ng/ul
RT: 14.47 min Scan# 1970
Delta R.T. 0.00 min
Lab File: BM024577.D
Acq: 22 Jan 2020 12:23

Tgt Ion:165 Resp: 418453

Ion	Ratio	Lower	Upper
165	100		
63	40.3	34.4	51.6
182	3.1	2.2	3.2



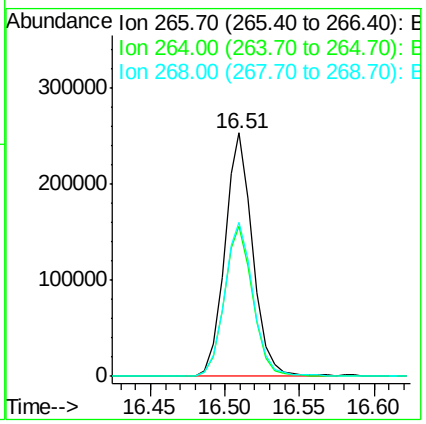


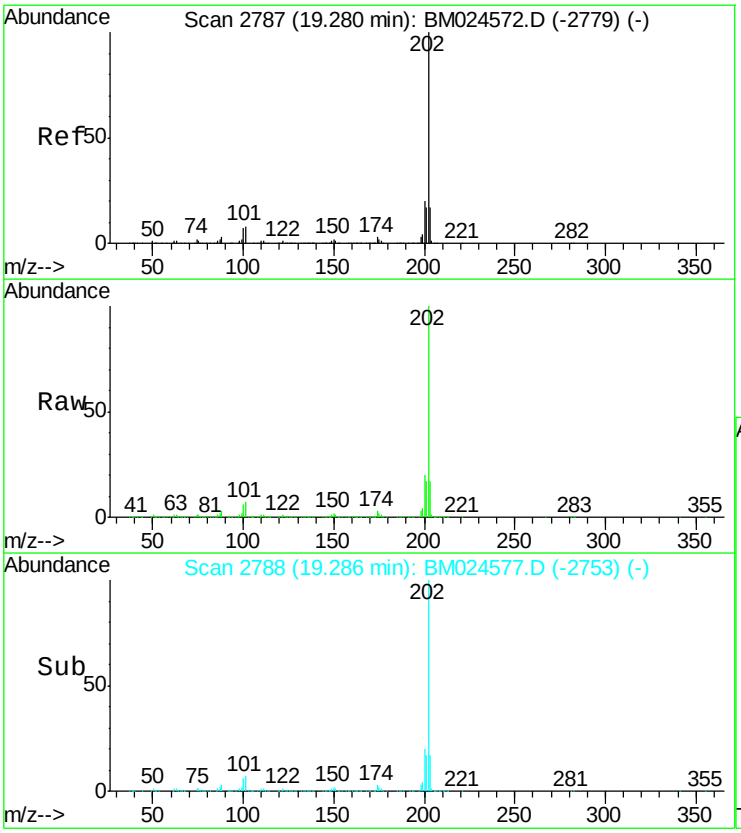
#69
Pentachlorophenol
Concen: 32.219 ng/ul
RT: 16.51 min Scan# 2316
Delta R.T. 0.00 min
Lab File: BM024577.D
Acq: 22 Jan 2020 12:23

Instrument :
BNA_M
ClientSampleId :
GASJ8MSD

Tgt Ion:266 Resp: 331444

Ion	Ratio	Lower	Upper
266	100		
264	61.7	48.6	72.8
268	63.3	50.6	76.0





#80
Pyrene
Concen: 35.317 ng/ul
RT: 19.29 min Scan# 2788
Delta R.T. 0.01 min
Lab File: BM024577.D
Acq: 22 Jan 2020 12:23

Tgt Ion:202 Resp: 2832927

Ion	Ratio	Lower	Upper
202	100		
101	7.3	6.5	9.7
100	6.1	5.0	7.6