

Data File : BM024307.D
Acq On : 26 Dec 2019 20:35
Operator : JU
Sample : K6270-13MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ETK88MS

Quant Time: Dec 27 06:01:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 27 05:58:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	220397	20.00	ng/ul	0.00
18) Naphthalene-d8	10.19	136	949386	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.09	164	570501	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.84	188	1143697	20.00	ng/ul	0.00
78) Chrysene-d12	21.06	240	1026595	20.00	ng/ul	0.00
86) Perylene-d12	23.19	264	1230925	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.99	96	26554	5.32	ng/uL	0.00
5) Phenol-d5	6.62	99	490953	23.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.77	67	337630	26.98	ng/ul	0.00
9) 2-Chlorophenol-d4	6.96	132	389577	26.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	393126	23.05	ng/ul	0.00
19) Nitrobenzene-d5	8.57	128	188017	27.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	207577	27.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.83	165	365282	25.05	ng/ul	0.00
29) 4-Chloroaniline-d4	10.35	131	1015642	57.35	ng/ul	0.00
44) Dimethylphthalate-d6	13.51	166	1188361	28.17	ng/ul	0.00
47) Acenaphthylene-d8	13.77	160	1424280	28.18	ng/ul	0.00
52) 4-Nitrophenol-d4	14.34	143	159879	21.11	ng/ul	0.00
58) Fluorene-d10	15.09	176	1013978	27.42	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.24	200	128909	18.48	ng/ul	0.00
71) Anthracene-d10	16.94	188	1452321	27.91	ng/ul	0.00
79) Pyrene-d10	19.25	212	1540704	31.51	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.05	264	1740398	28.46	ng/ul	0.00

Target Compounds

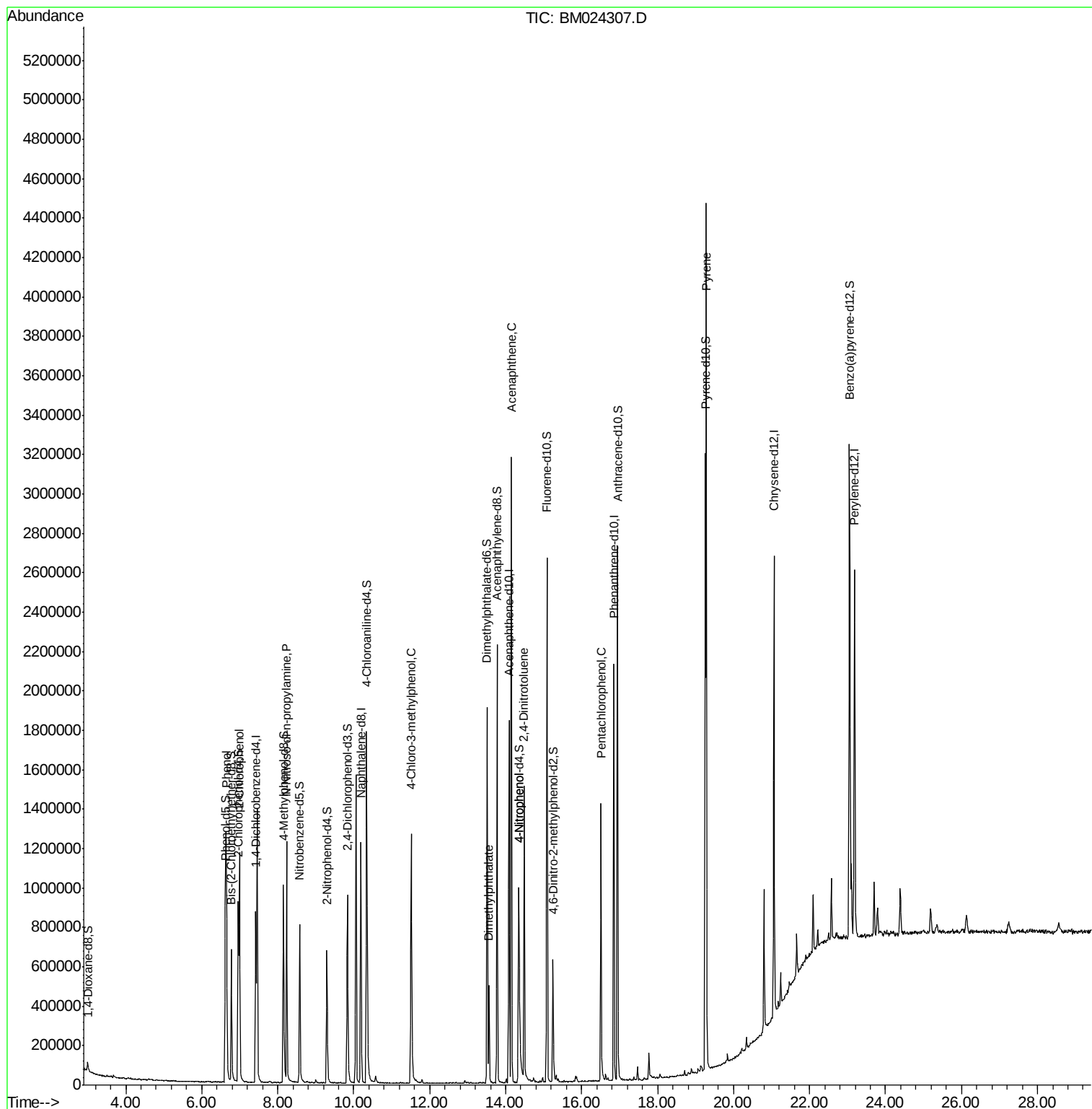
						Qvalue
6) Phenol	6.65	94	717909	33.315	ng/ul	98
10) 2-Chlorophenol	6.99	128	482528	31.610	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.23	70	479106	33.712	ng/ul	99
33) 4-Chloro-3-methylphenol	11.51	107	540465	31.559	ng/ul	97
45) Dimethylphthalate	13.56	163	311468	7.104	ng/ul	100
50) Acenaphthene	14.15	153	1222821	33.138	ng/ul	99
53) 4-Nitrophenol	14.35	109	190938	31.612	ng/ul	96
55) 2,4-Dinitrotoluene	14.49	165	407580	31.249	ng/ul	89
69) Pentachlorophenol	16.51	266	253341	32.478	ng/ul	97
80) Pyrene	19.28	202	2450535	36.564	ng/ul	99

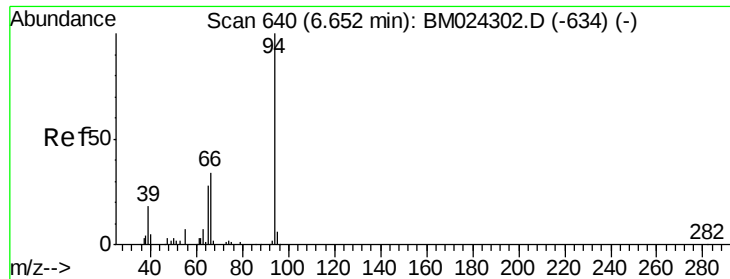
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 33.315 ng/ul

RT: 6.65 min Scan# 639

Delta R.T. -0.01 min

Lab File: BM024307.D

Acq: 26 Dec 2019 20:35

Instrument :

BNA_M

ClientSampled :

ETK88MS

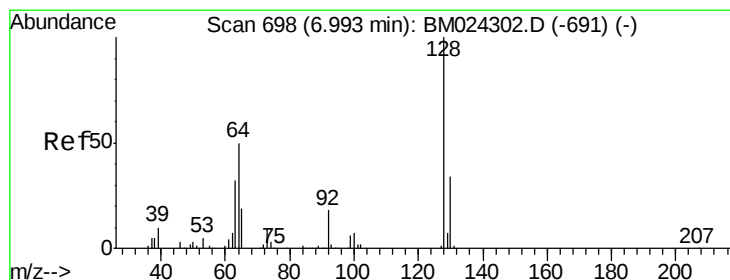
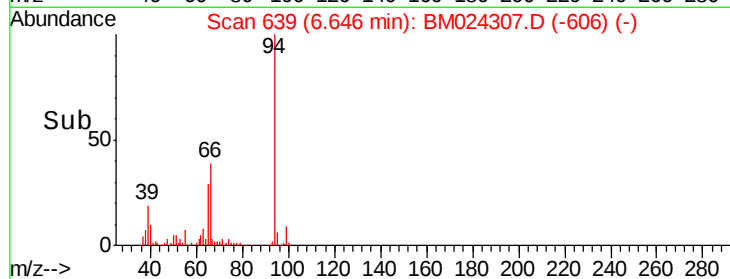
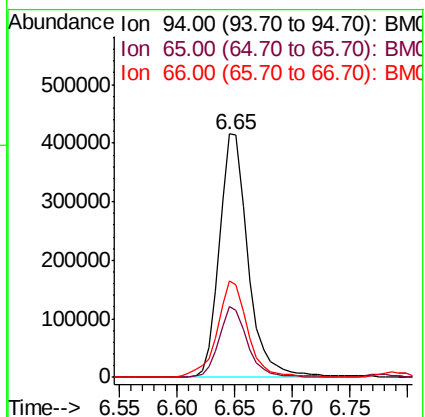
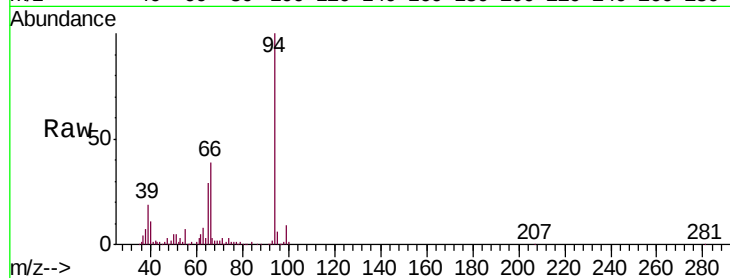
Tgt Ion: 94 Resp: 717909

Ion Ratio Lower Upper

94 100

65 29.3 22.6 33.8

66 39.4 30.7 46.1



#10

2-Chlorophenol

Concen: 31.610 ng/ul

RT: 6.99 min Scan# 698

Delta R.T. -0.00 min

Lab File: BM024307.D

Acq: 26 Dec 2019 20:35

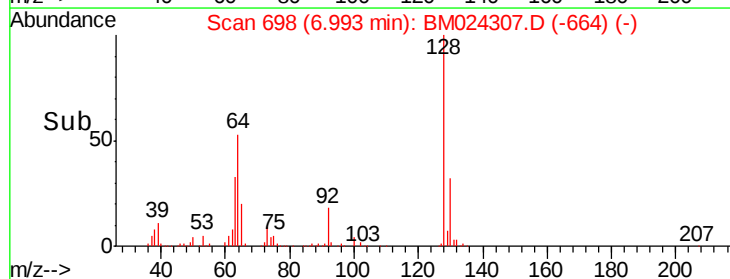
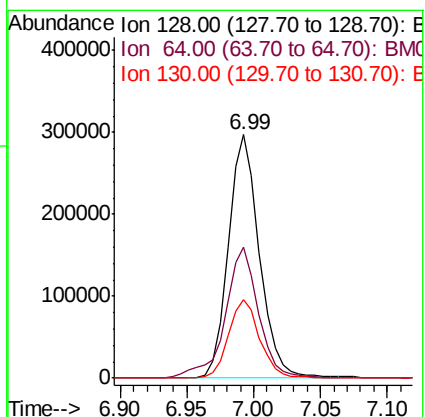
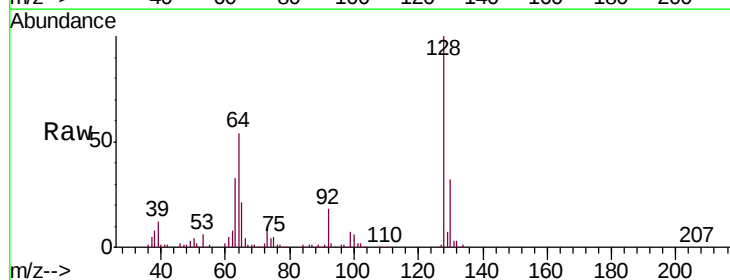
Tgt Ion: 128 Resp: 482528

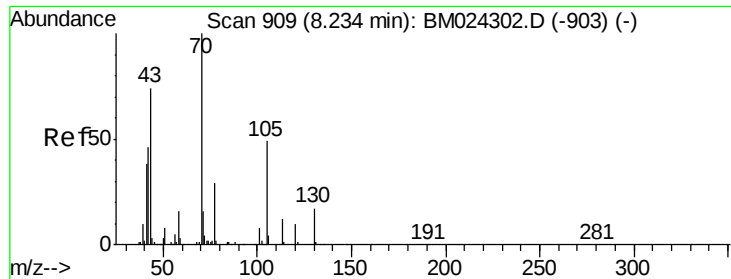
Ion Ratio Lower Upper

128 100

64 53.6 40.6 61.0

130 32.3 25.1 37.7

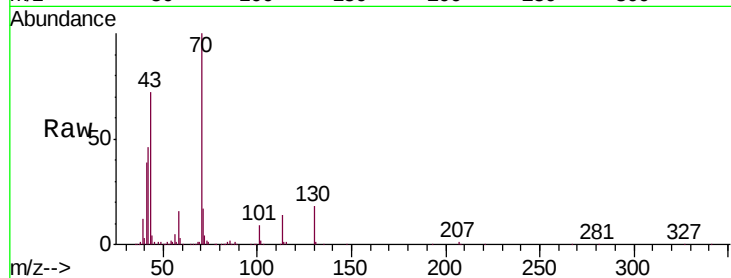




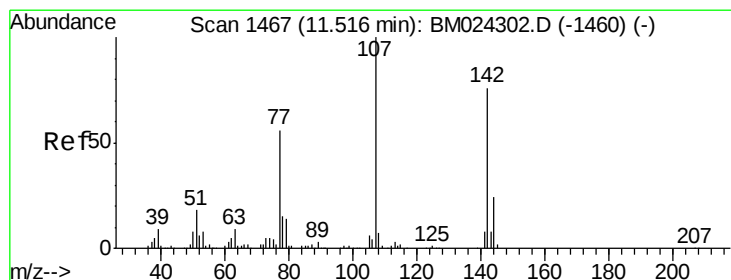
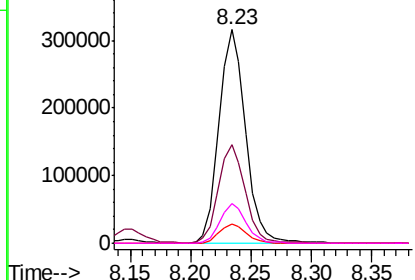
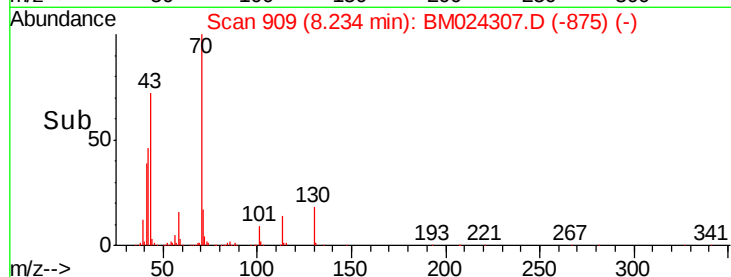
#15
N-Nitroso-di-n-propylamine
Concen: 33.712 ng/ul
RT: 8.23 min Scan# 909
Delta R.T. -0.00 min
Lab File: BM024307.D
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Instrument :
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Tgt Ion:	70	Resp:	479106
Ion	Ratio	Lower	Upper
70	100		
42	46.2	36.2	54.4
101	9.2	7.7	11.5
130	18.3	15.3	22.9

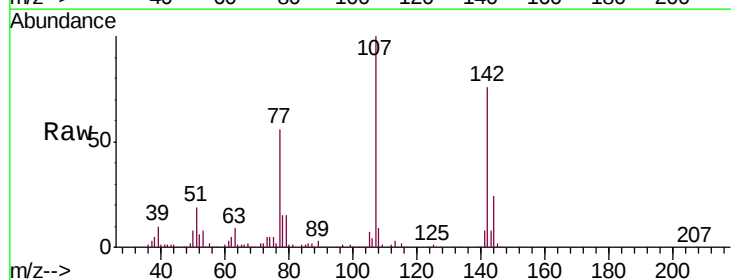


Abundance Ion 70.00 (69.70 to 70.70): BM024307.D (-875) (-)
Ion 42.00 (41.70 to 42.70): BM024307.D (-875) (-)
Ion 101.00 (100.70 to 101.70): BM024307.D (-875) (-)
Ion 130.00 (129.70 to 130.70): BM024307.D (-875) (-)

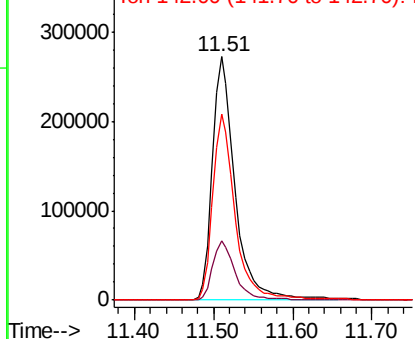
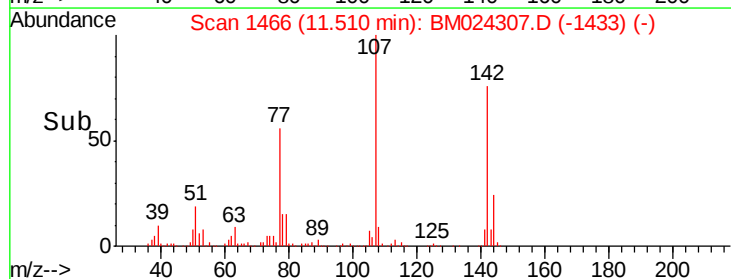


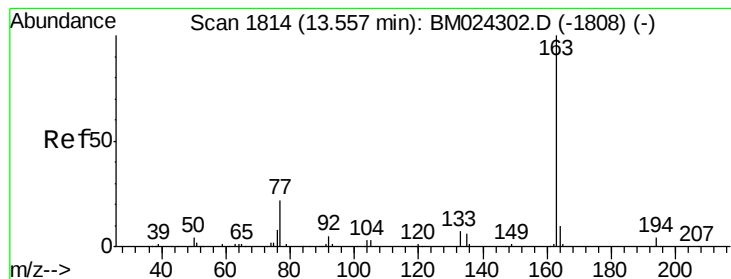
#33
4-Chloro-3-methylphenol
Concen: 31.559 ng/ul
RT: 11.51 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BM024307.D
Acq: 26 Dec 2019 20:35

Tgt Ion:	107	Resp:	540465
Ion	Ratio	Lower	Upper
107	100		
144	24.2	19.8	29.8
142	76.4	63.3	94.9



Abundance Ion 107.00 (106.70 to 107.70): BM024307.D (-1433) (-)
Ion 144.00 (143.70 to 144.70): BM024307.D (-1433) (-)
Ion 142.00 (141.70 to 142.70): BM024307.D (-1433) (-)

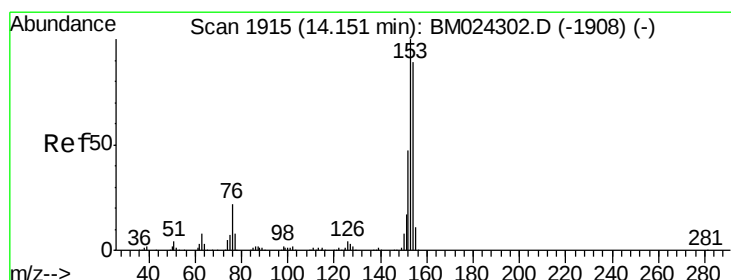
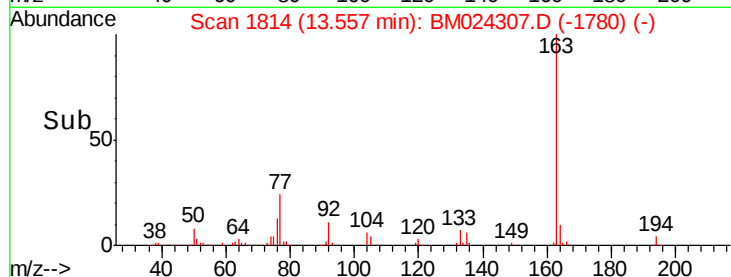
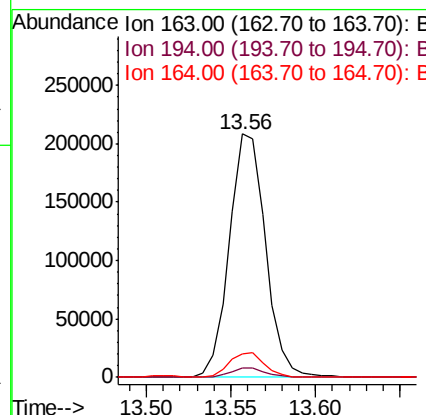
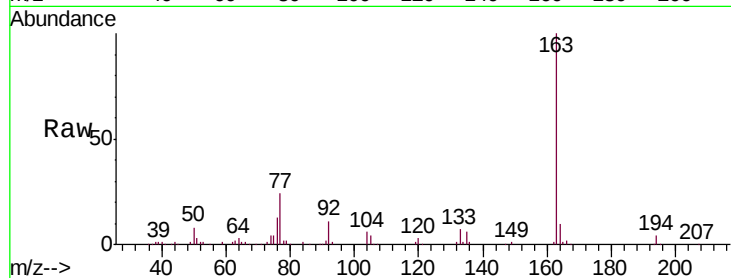




#45
Dimethylphthalate
Concen: 7.104 ng/ul
RT: 13.56 min Scan# 1814
Delta R.T. -0.00 min
Lab File: BM024307.D
Acq: 26 Dec 2019 20:35

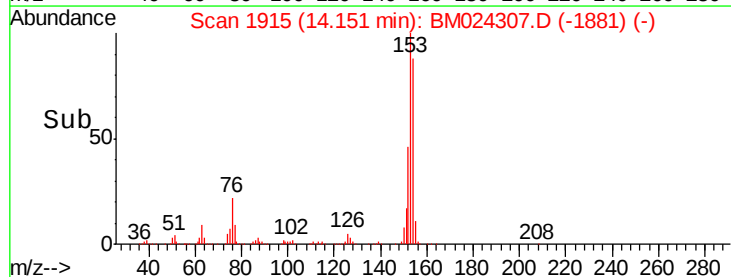
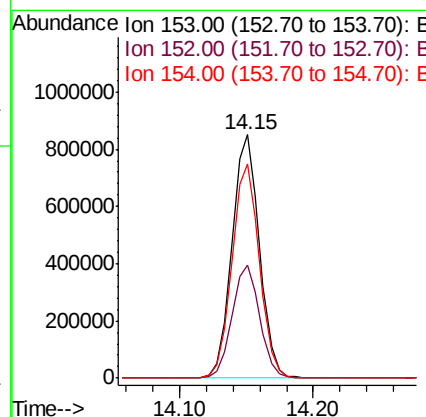
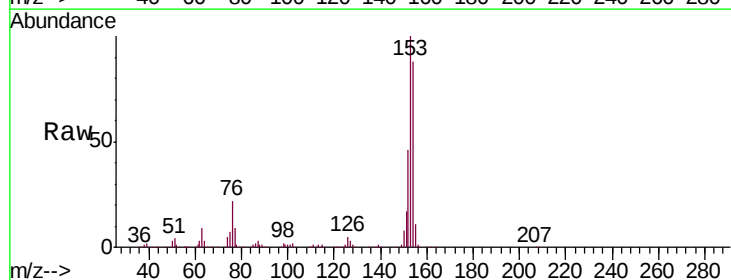
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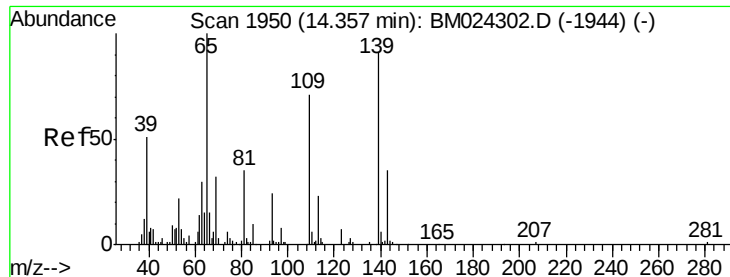
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	9.8	7.8	11.6



#50
Acenaphthene
Concen: 33.138 ng/ul
RT: 14.15 min Scan# 1915
Delta R.T. -0.00 min
Lab File: BM024307.D
Acq: 26 Dec 2019 20:35

Tgt Ion	Ratio	Lower	Upper
153	100		
152	46.3	37.8	56.6
154	88.0	71.1	106.7





#53

4-Nitrophenol

Concen: 31.612 ng/ul

RT: 14.35 min Scan# 1949

Delta R.T. -0.01 min

Lab File: BM024307.D

Acq: 26 Dec 2019 20:35

Instrument :

BNA_M

ClientSampleId :

ETK88MS

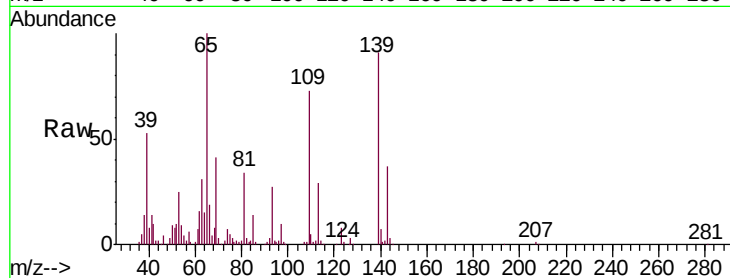
Tgt Ion:109 Resp: 190938

Ion Ratio Lower Upper

109 100

139 125.4 105.0 157.4

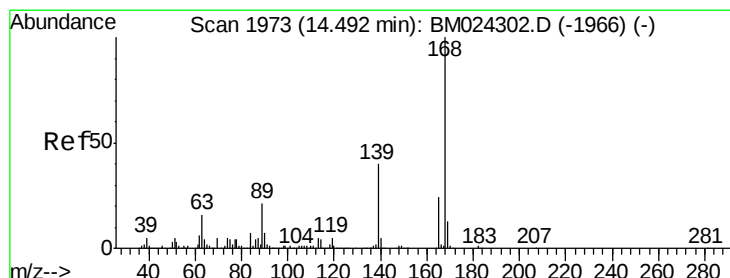
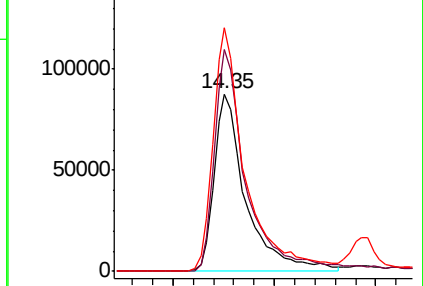
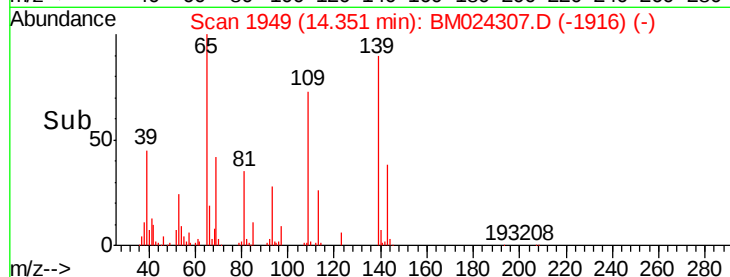
65 137.3 113.0 169.4



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM



#55

2,4-Dinitrotoluene

Concen: 31.249 ng/ul

RT: 14.49 min Scan# 1972

Delta R.T. -0.01 min

Lab File: BM024307.D

Acq: 26 Dec 2019 20:35

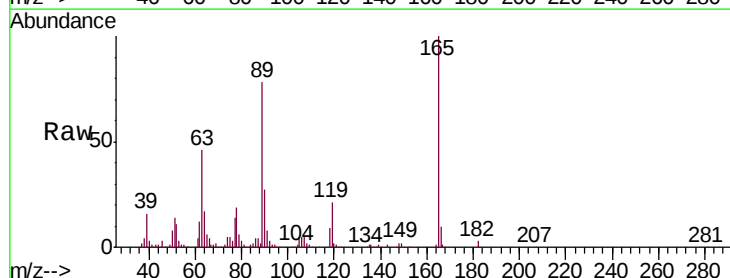
Tgt Ion:165 Resp: 407580

Ion Ratio Lower Upper

165 100

63 46.3 43.6 65.4

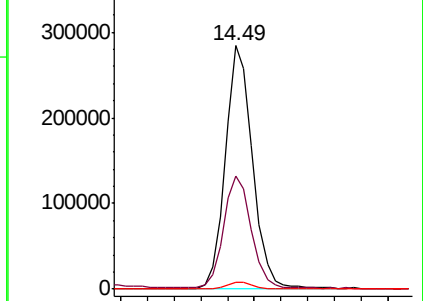
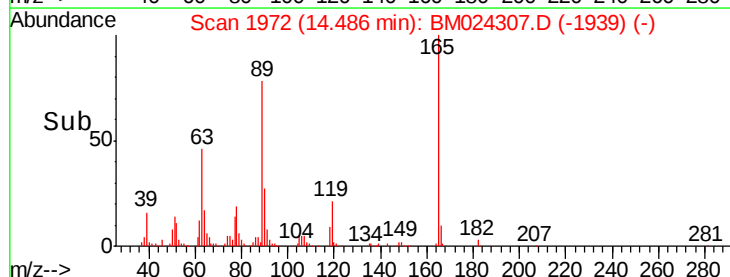
182 2.7 2.3 3.5

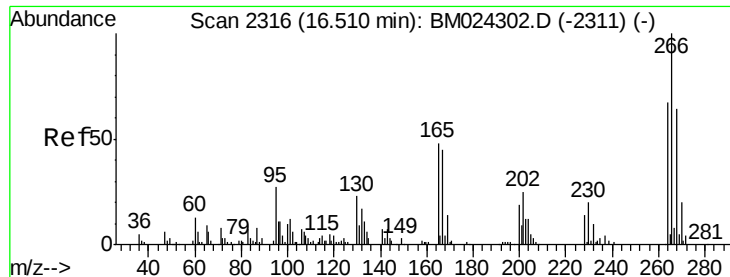


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E

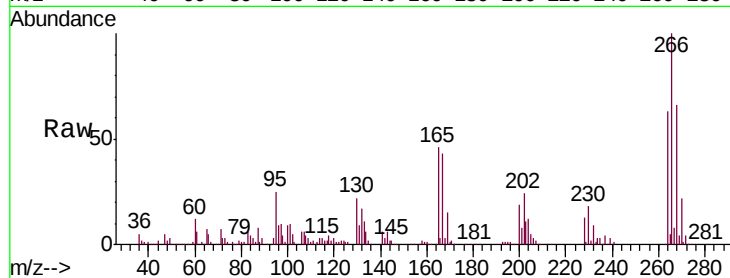




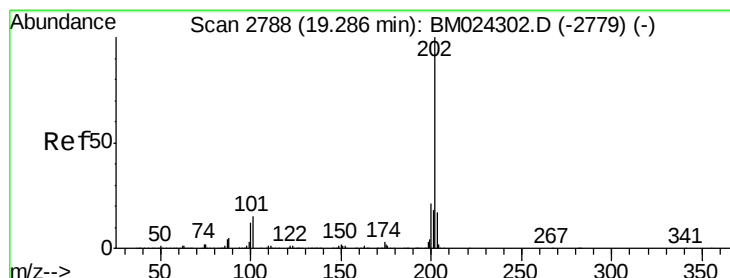
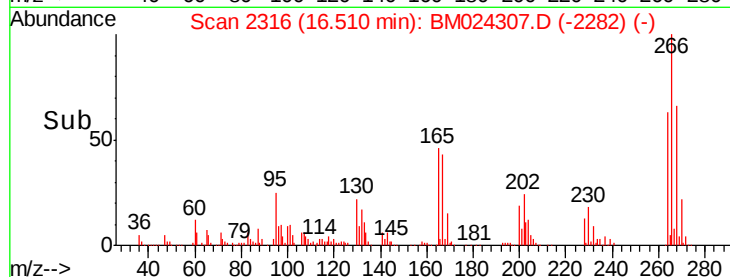
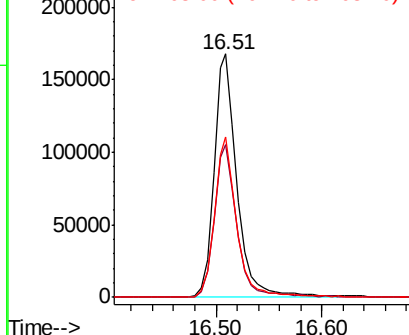
#69
 Pentachlorophenol
 Concen: 32.478 ng/ul
 RT: 16.51 min Scan# 2316
 Delta R.T. -0.00 min
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Tgt Ion:266 Resp: 253341
 Ion Ratio Lower Upper
 266 100
 264 62.8 47.9 71.9
 268 66.0 51.3 76.9

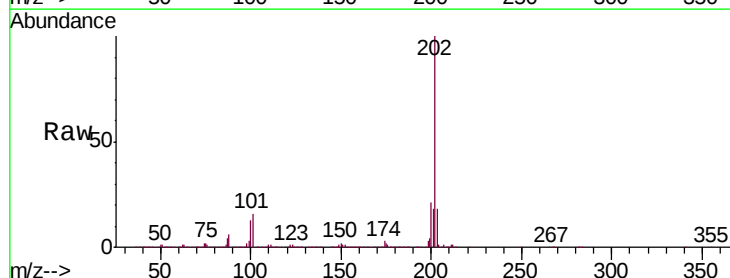


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#80
 Pyrene
 Concen: 36.564 ng/ul
 RT: 19.28 min Scan# 2787
 Delta R.T. -0.01 min
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Tgt Ion:202 Resp: 2450535
 Ion Ratio Lower Upper
 202 100
 101 15.7 12.2 18.4
 100 13.1 10.0 15.0



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

