

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122619\
 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

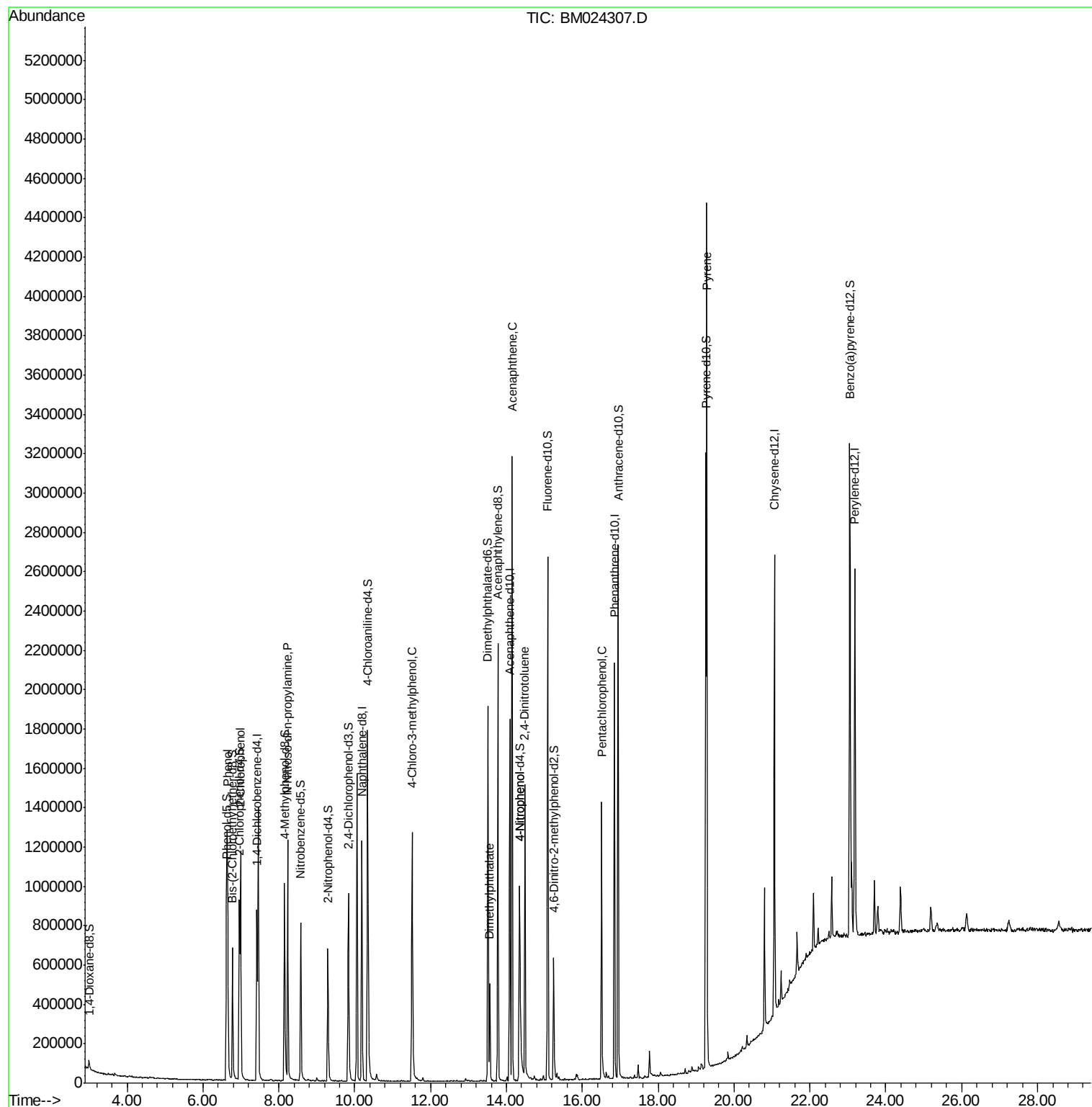
					Ovalue
6) Phenol	6.65	94	717909	33.315	ng/ul 98
10) 2-Chlorophenol	6.99	128	482528	31.610	ng/ul 97
15) N-Nitroso-di-n-propylamine	8.23	70	479106	33.712	ng/ul 99
33) 4-Chloro-3-methylphenol	11.51	107	540465	31.559	ng/ul 97
45) Dimethylphthalate	13.56	163	311468	7.104	ng/ul 100
50) Acenaphthene	14.15	153	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

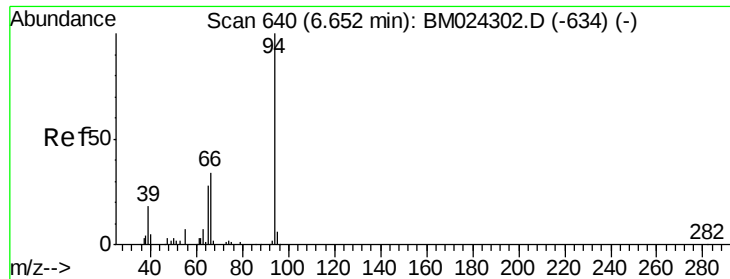
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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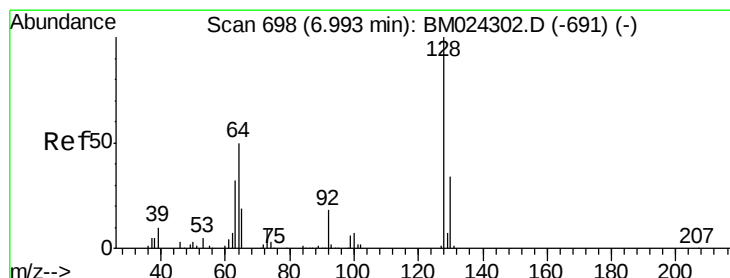
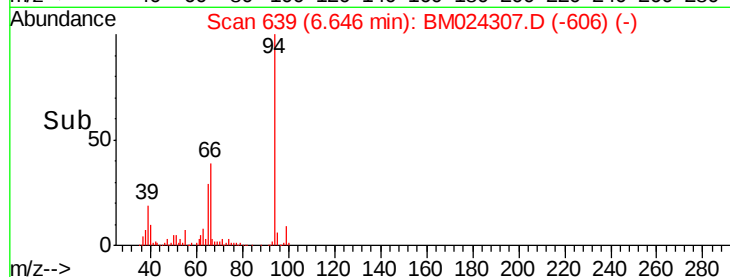
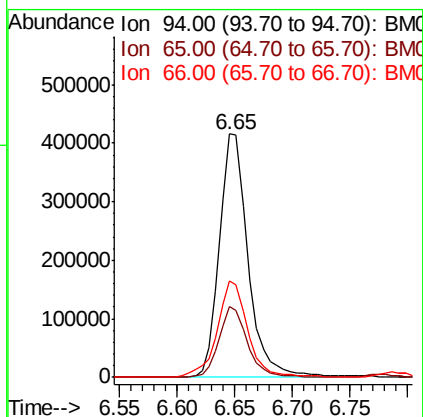
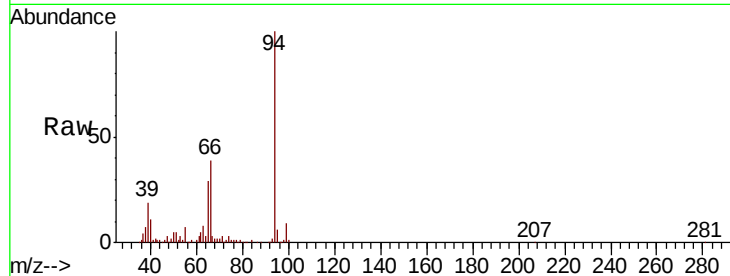
#6

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

Tot Ion: 94 Resp: 717909
 Ion Ratio Lower Upper
 94 100
 65 29.3 22.6 33.8
 66 39.4 30.7 46.1

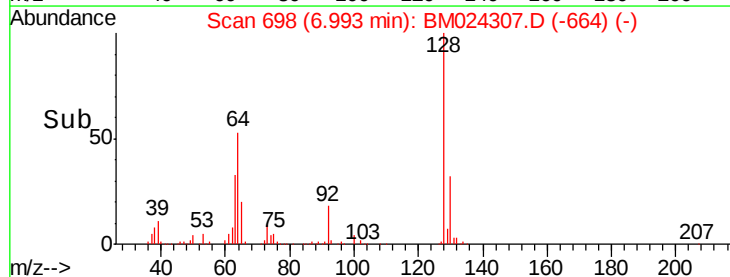
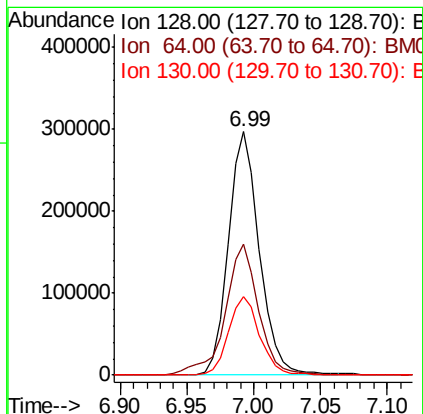
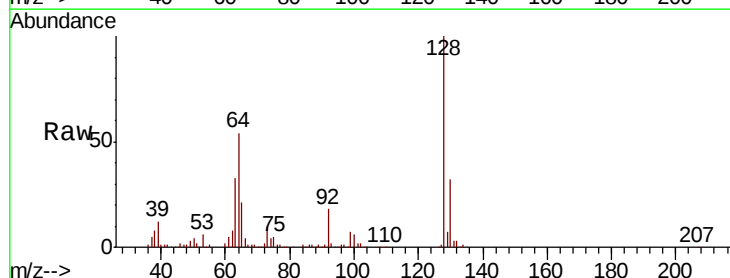


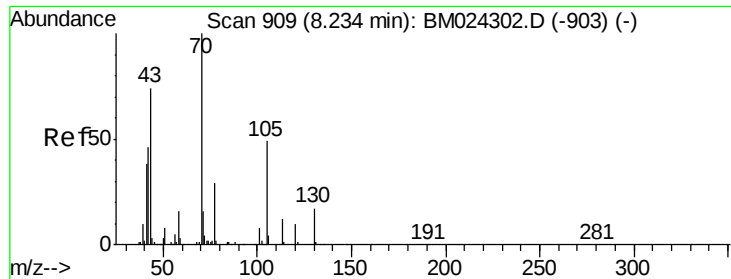
#10

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

Acq: 26 Dec 2019 20:35

Instrument :

BNA_M

ClientSampleId :

ETK88MS

Tot Ion: 70 Resp: 479106

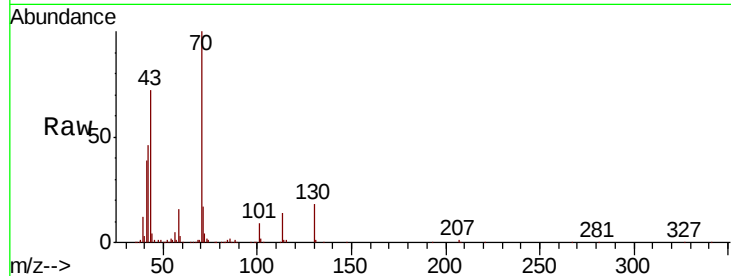
Ion Ratio Lower Upper

70 100

42 46.2 36.2 54.4

101 9.2 7.7 11.5

130 18.3 15.3 22.9

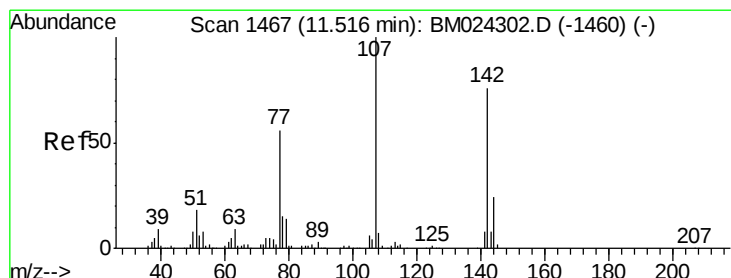
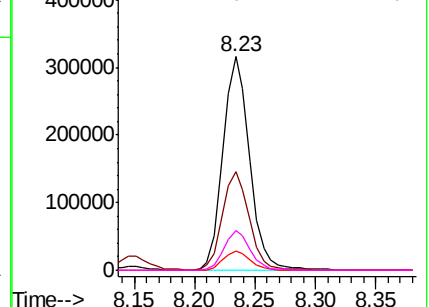
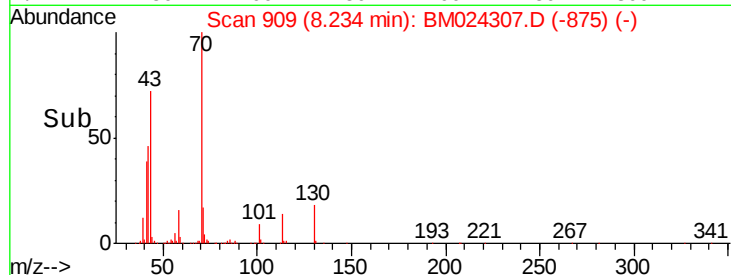


Abundance Ion 70.00 (69.70 to 70.70): BM024307.D (-875) (-)

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

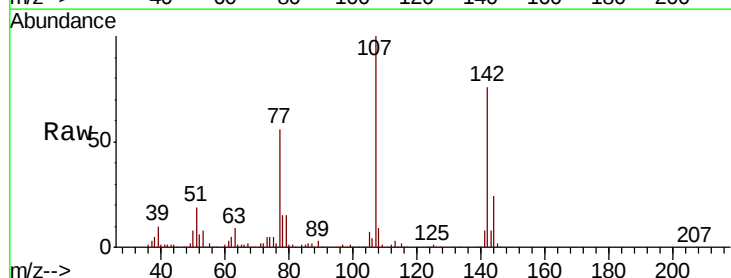
Tgt Ion: 107 Resp: 540465

Ion Ratio Lower Upper

107 100

144 24.2 19.8 29.8

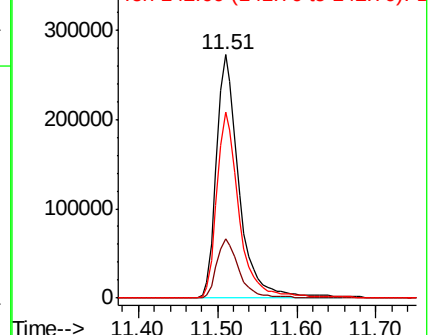
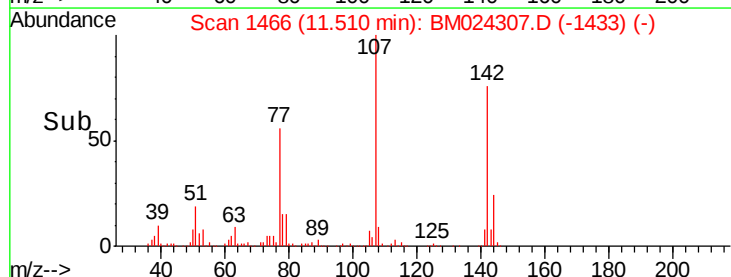
142 76.4 63.3 94.9

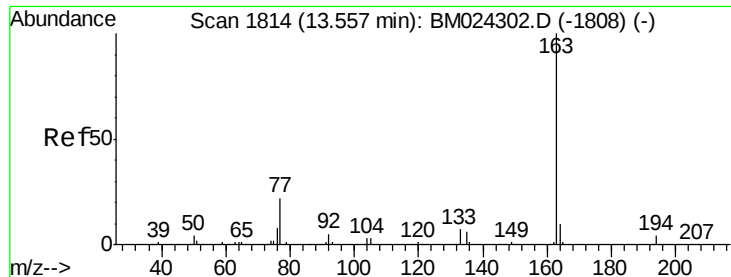


Abundance Ion 107.00 (106.70 to 107.70): BM024307.D (-1433) (-)

Ion 144.00 (143.70 to 144.70): BM024307.D (-1433) (-)

Ion 142.00 (141.70 to 142.70): BM024307.D (-1433) (-)

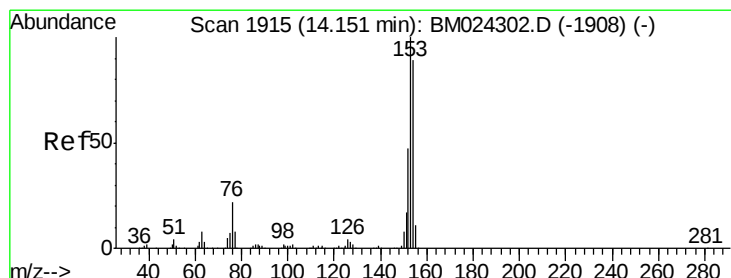
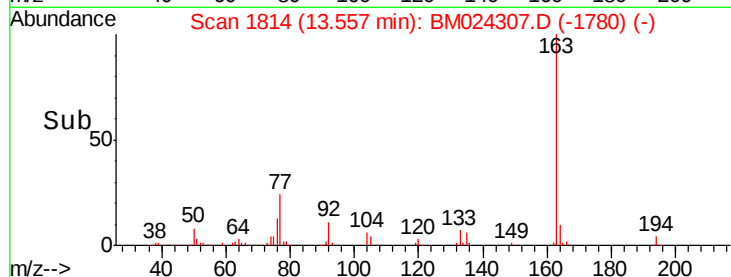
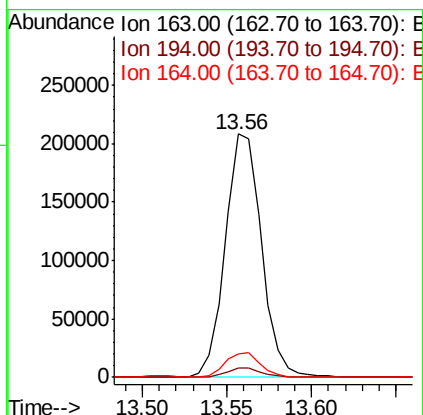
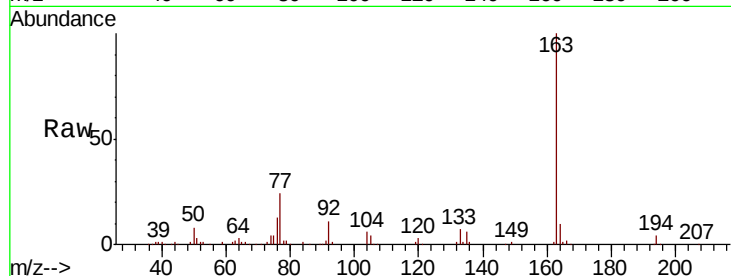




#45
Dimethylphthalate
Concen: 7.104 ng/ul
RT: 13.56 min Scan# 1814
Delta R.T. -0.00 min
Lab File: BM024307.D
Acq: 26 Dec 2019 20:35

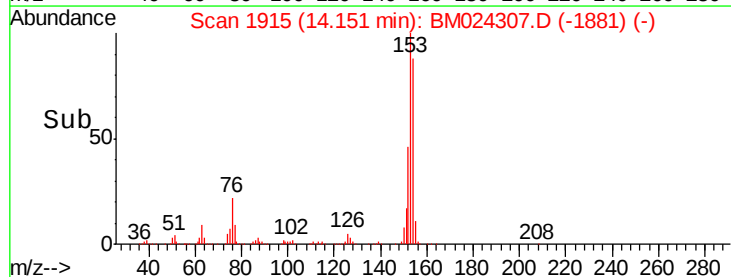
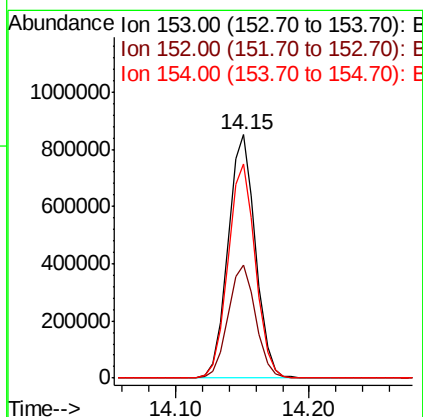
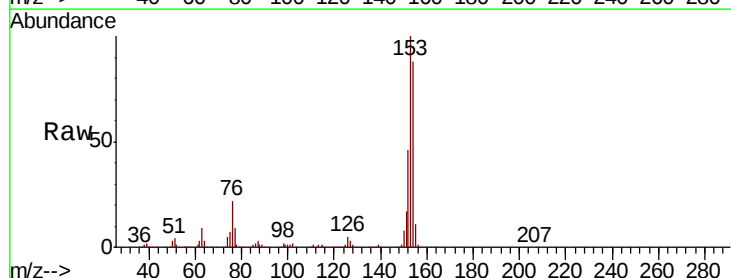
Instrument :
BNA_M
ClientSampleId :
ETK88MS

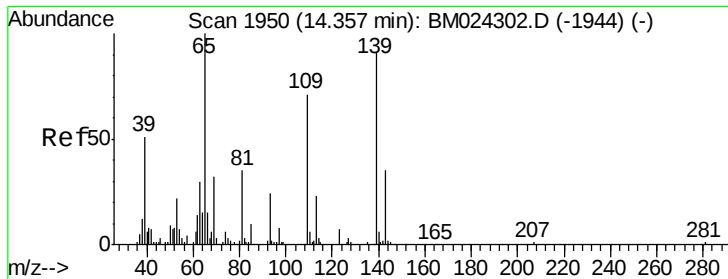
Tot Ion:163 Resp: 311468
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 9.8 7.8 11.6



#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:153 Resp: 1222821
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

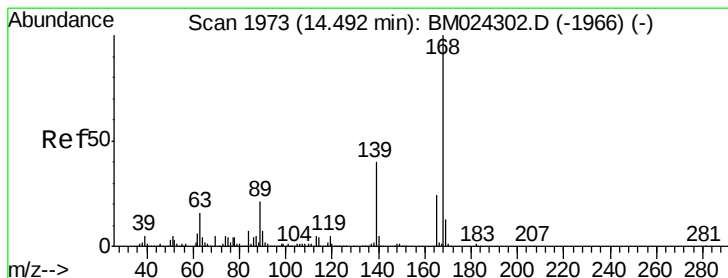
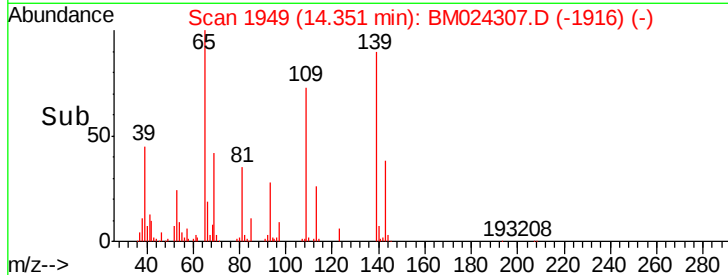
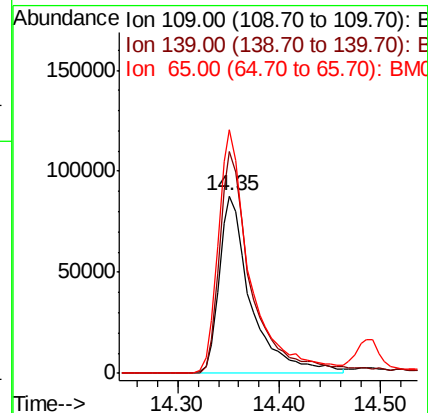
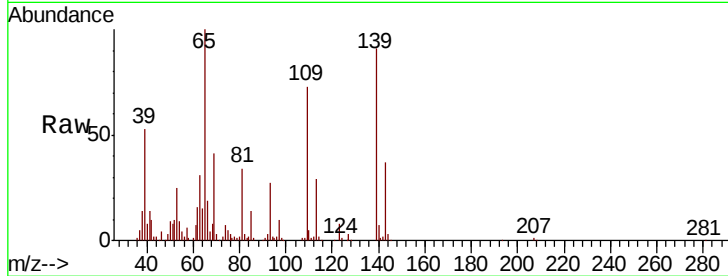
Tot Ion:109 Resp: 190938

Ion Ratio Lower Upper

109 100

139 125.4 105.0 157.4

65 137.3 113.0 169.4



#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

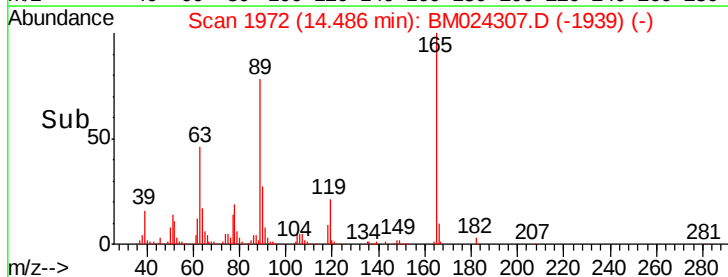
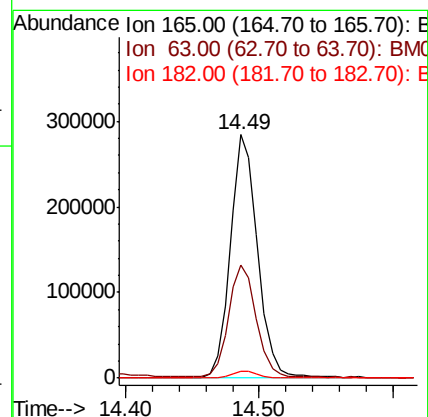
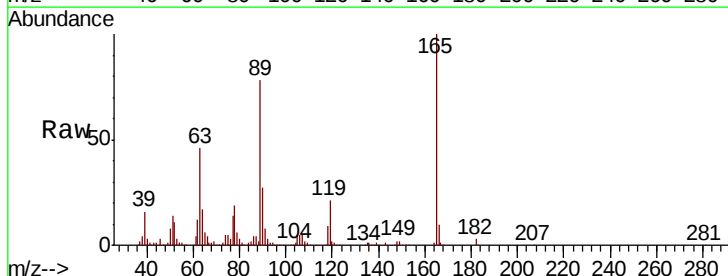
Tgt Ion:165 Resp: 407580

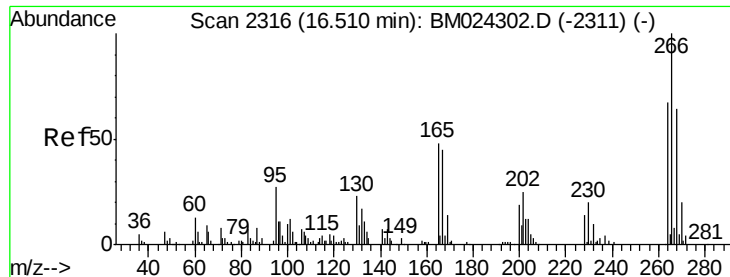
Ion Ratio Lower Upper

165 100

63 46.3 43.6 65.4

182 2.7 2.3 3.5





#69

Pentachlorophenol

Concen: 32.478 ng/ul

RT: 16.51 min Scan# 2316

Delta R.T. -0.00 min

Lab File: BM024307.D

Acq: 26 Dec 2019 20:35

Instrument :

BNA_M

ClientSampleId :

ETK88MS

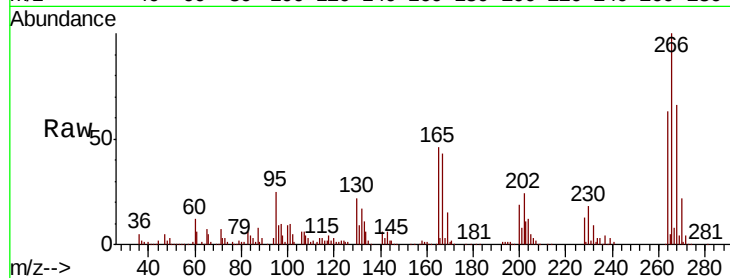
Tot Ion:266 Resp: 253341

Ion Ratio Lower Upper

266 100

264 62.8 47.9 71.9

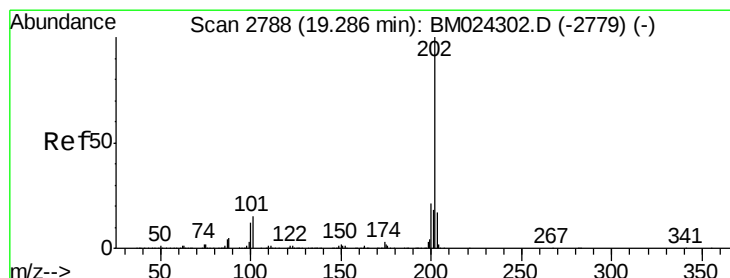
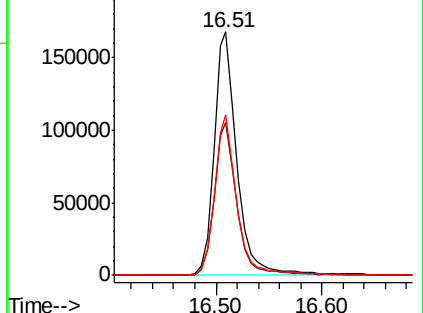
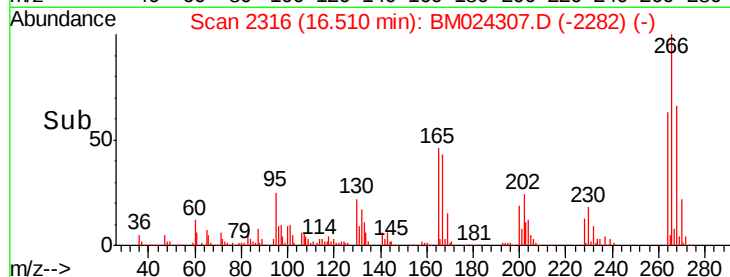
268 66.0 51.3 76.9



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

Lab File: BM024307.D

Acq: 26 Dec 2019 20:35

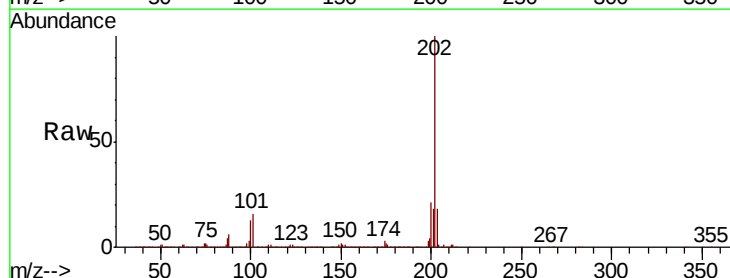
Tgt Ion:202 Resp: 2450535

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

