

Data File : BM024308.D
Acq On : 26 Dec 2019 21:11
Operator : JU
Sample : K6270-14MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ETK88MSD

Quant Time: Dec 27 06:01:51 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	242201	20.00	ng/ul	0.00
18) Naphthalene-d8	10.19	136	1045682	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.09	164	598758	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.84	188	1117326	20.00	ng/ul	0.00
78) Chrysene-d12	21.06	240	970524	20.00	ng/ul	0.00
86) Perylene-d12	23.19	264	1191188	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.99	96	30186	5.51	ng/uL	0.00
5) Phenol-d5	6.62	99	593555	25.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.77	67	404189	29.39	ng/ul	0.00
9) 2-Chlorophenol-d4	6.96	132	460711	28.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	469346	25.04	ng/ul	0.00
19) Nitrobenzene-d5	8.57	128	227417	30.27	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	252698	30.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.83	165	432436	26.92	ng/ul	0.00
29) 4-Chloroaniline-d4	10.35	131	1191756	61.09	ng/ul	0.00
44) Dimethylphthalate-d6	13.51	166	1292138	29.18	ng/ul	0.00
47) Acenaphthylene-d8	13.77	160	1592007	30.01	ng/ul	0.00
52) 4-Nitrophenol-d4	14.34	143	170387	21.43	ng/ul	0.00
58) Fluorene-d10	15.09	176	1100766	28.36	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.24	200	138596	20.33	ng/ul	0.00
71) Anthracene-d10	16.94	188	1512079	29.74	ng/ul	0.00
79) Pyrene-d10	19.25	212	1555968	33.66	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	1795185	30.34	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	6.65	94	853056	36.023	ng/ul	98
10) 2-Chlorophenol	6.99	128	575330	34.297	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.23	70	567286	36.323	ng/ul	98
33) 4-Chloro-3-methylphenol	11.51	107	608593	32.265	ng/ul	97
45) Dimethylphthalate	13.56	163	342614	7.446	ng/ul	99
50) Acenaphthene	14.15	153	1366147	35.275	ng/ul	98
53) 4-Nitrophenol	14.35	109	203010	32.025	ng/ul	95
55) 2,4-Dinitrotoluene	14.49	165	437489	31.959	ng/ul	92
69) Pentachlorophenol	16.51	266	263112	34.527	ng/ul	97
80) Pyrene	19.28	202	2496403	39.401	ng/ul	99

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

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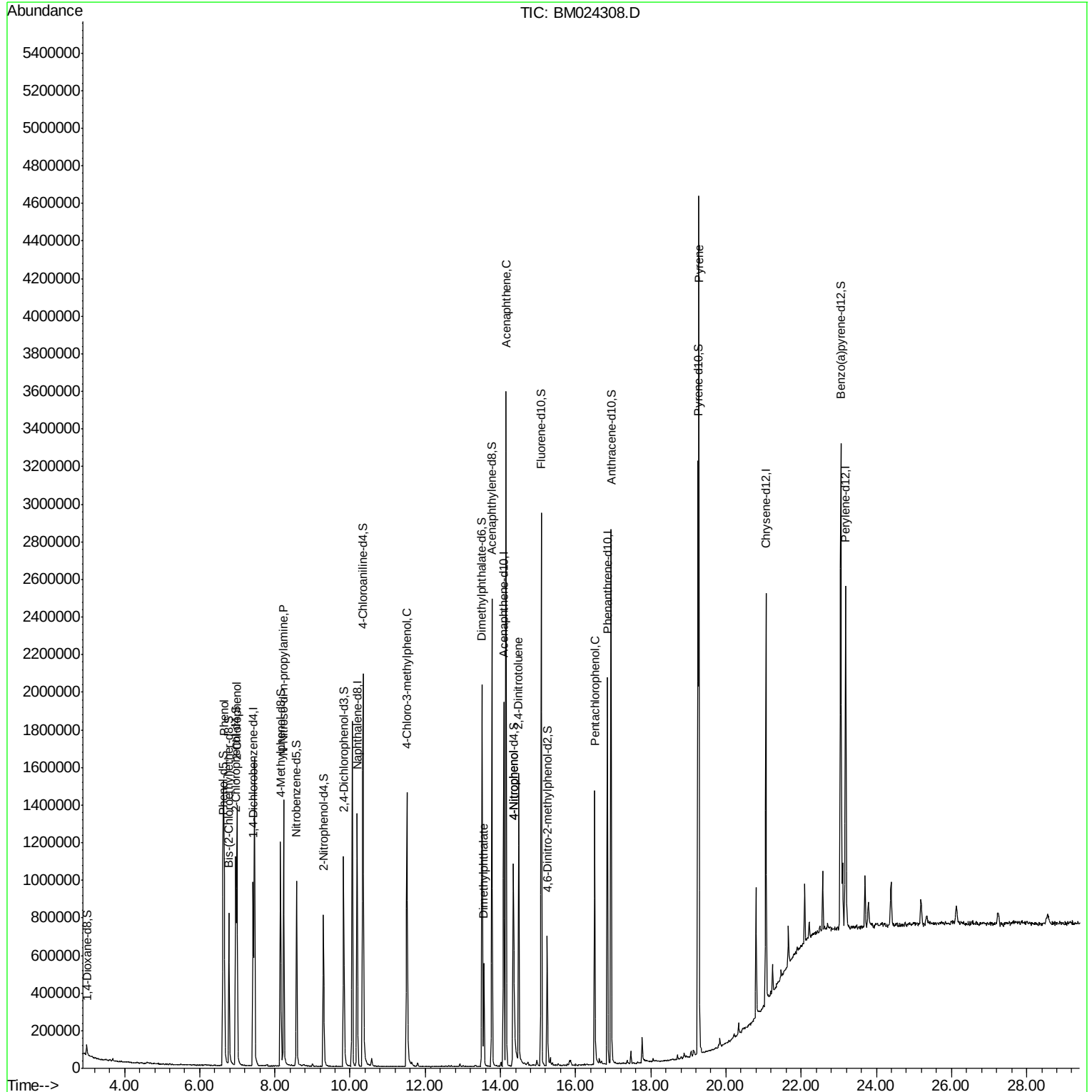
Quant Time: Dec 27 06:01:51 2019

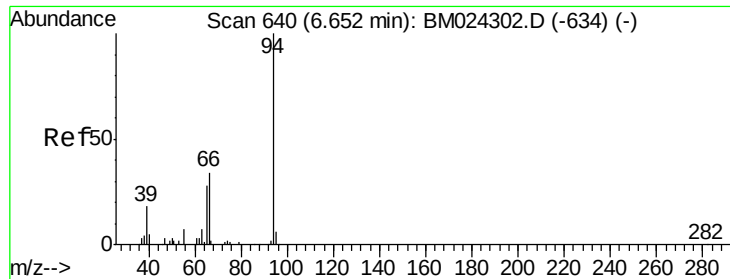
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Dec 27 05:58:29 2019

Response via : Initial Calibration





#6

Phenol

Concen: 36.023 ng/ul

RT: 6.65 min Scan# 639

Delta R.T. -0.01 min

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Acq: 26 Dec 2019 21:11

Instrument :

BNA_M

ClientSampleId :

ETK88MSD

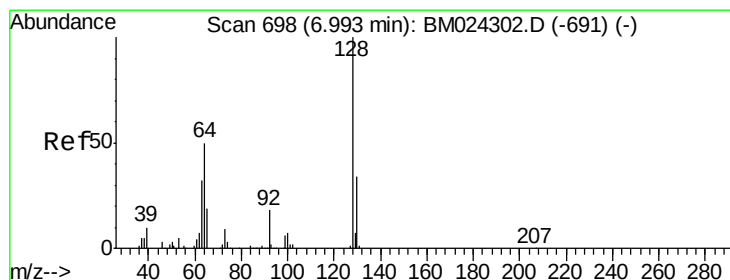
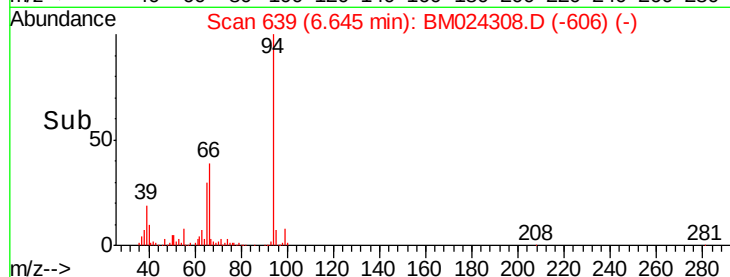
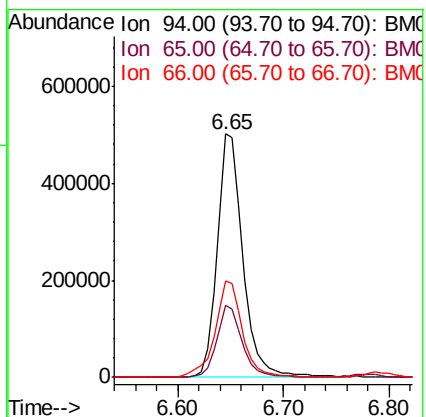
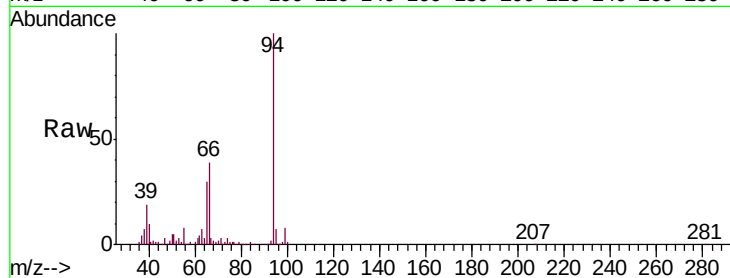
Tgt Ion: 94 Resp: 853056

Ion Ratio Lower Upper

94 100

65 29.5 22.6 33.8

66 39.4 30.7 46.1



#10

2-Chlorophenol

Concen: 34.297 ng/ul

RT: 6.99 min Scan# 698

Delta R.T. -0.00 min

Lab File: BM024308.D

Acq: 26 Dec 2019 21:11

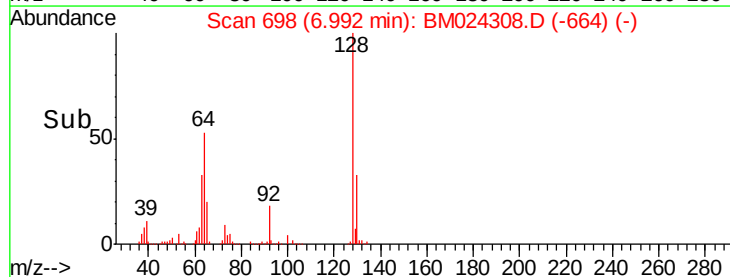
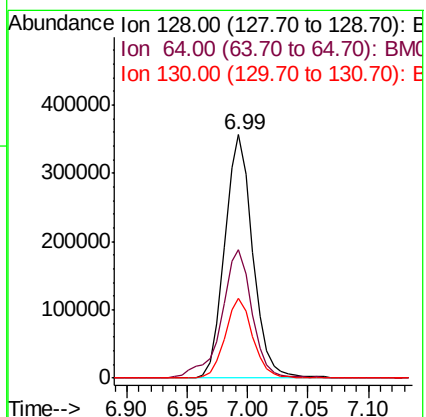
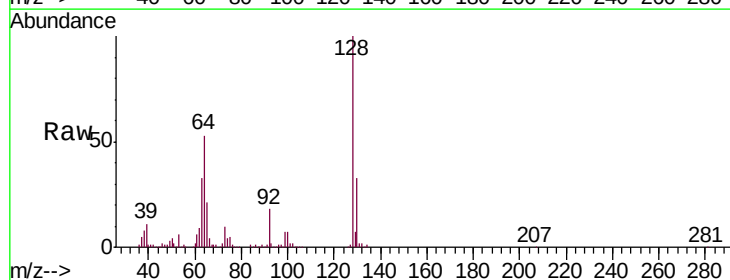
Tgt Ion: 128 Resp: 575330

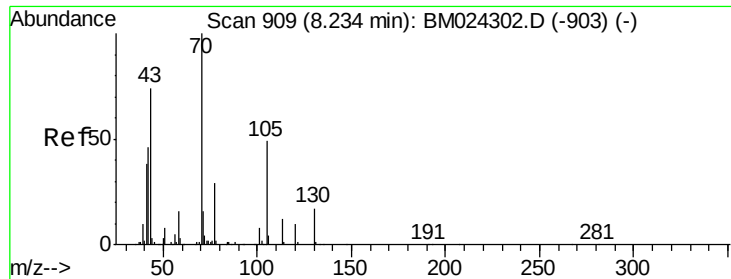
Ion Ratio Lower Upper

128 100

64 52.9 40.6 61.0

130 32.8 25.1 37.7

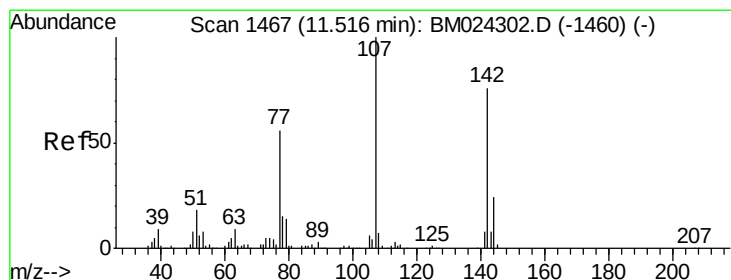
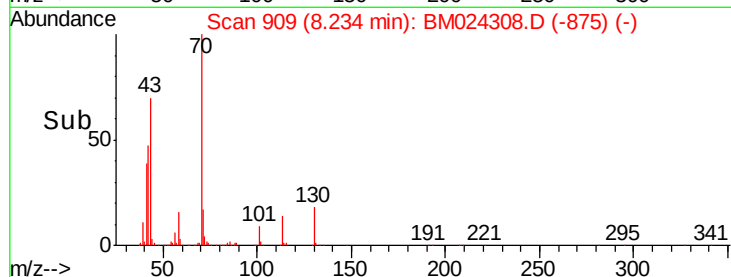
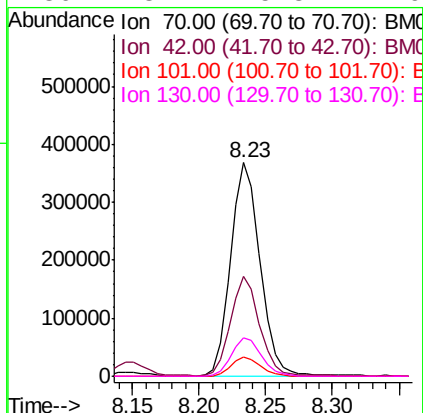
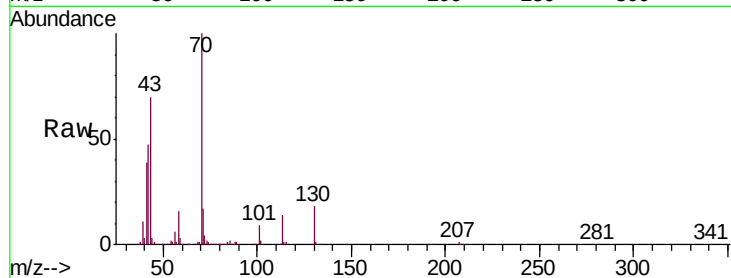




#15
N-Nitroso-di-n-propylamine
Concen: 36.323 ng/ul
RT: 8.23 min Scan# 909
Delta R.T. -0.00 min
Lab File: BM024308.D
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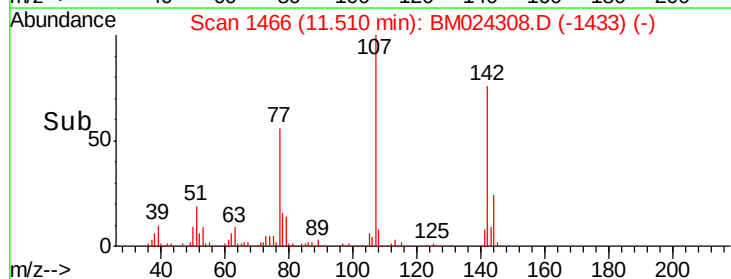
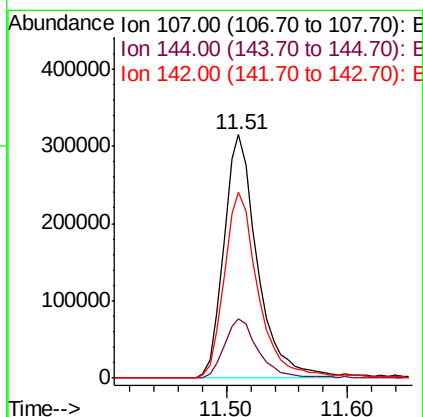
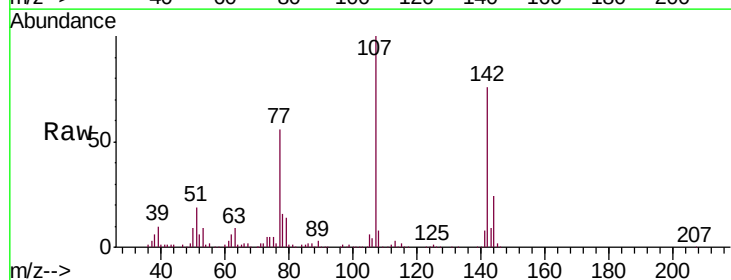
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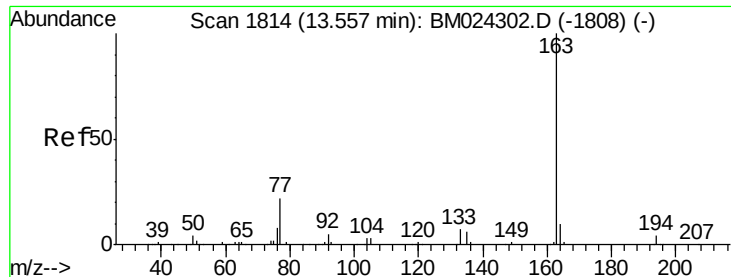
Tgt Ion:	70	Resp:	567286
Ion	Ratio	Lower	Upper
70	100		
42	46.9	36.2	54.4
101	9.1	7.7	11.5
130	18.2	15.3	22.9



#33
4-Chloro-3-methylphenol
Concen: 32.265 ng/ul
RT: 11.51 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BM024308.D
Acq: 26 Dec 2019 21:11

Tgt Ion:	107	Resp:	608593
Ion	Ratio	Lower	Upper
107	100		
144	24.4	19.8	29.8
142	76.4	63.3	94.9

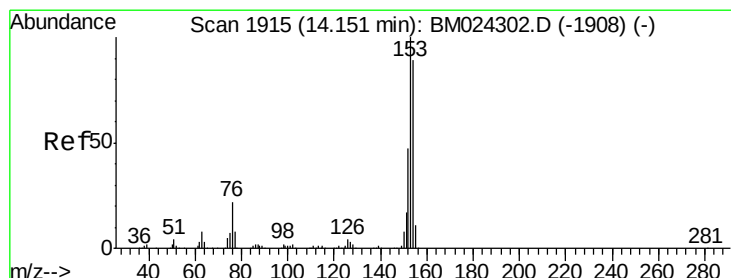
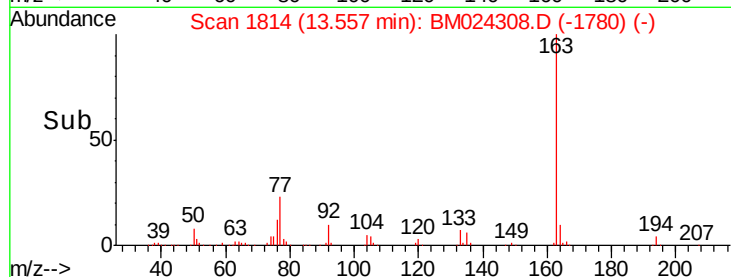
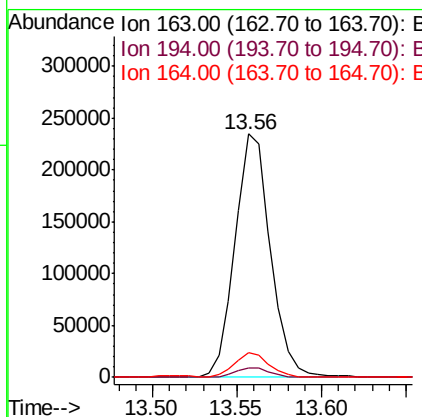
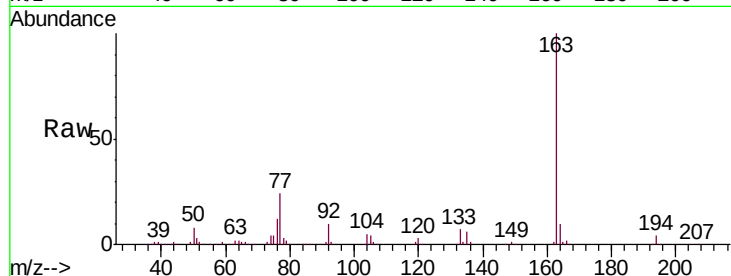




#45
Dimethylphthalate
Concen: 7.446 ng/ul
RT: 13.56 min Scan# 1814
Delta R.T. -0.00 min
Lab File: BM024308.D
Acq: 26 Dec 2019 21:11

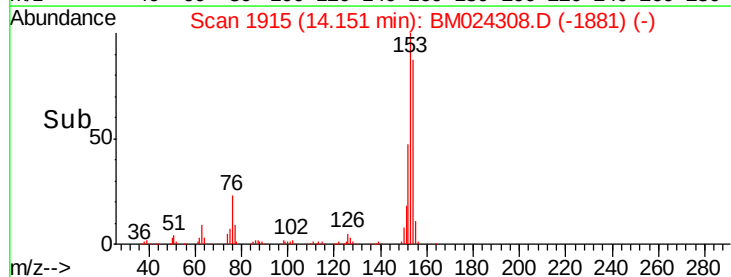
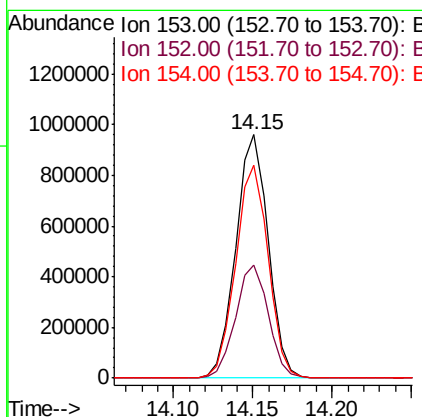
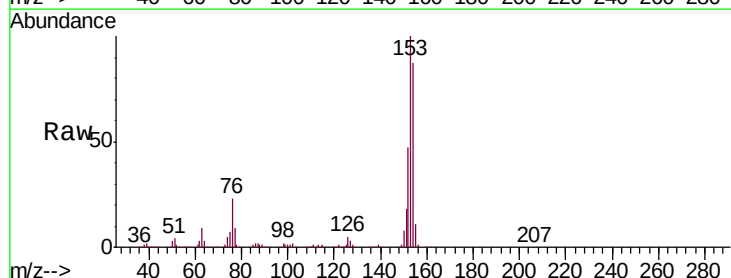
Instrument :
BNA_M
ClientSampleId :
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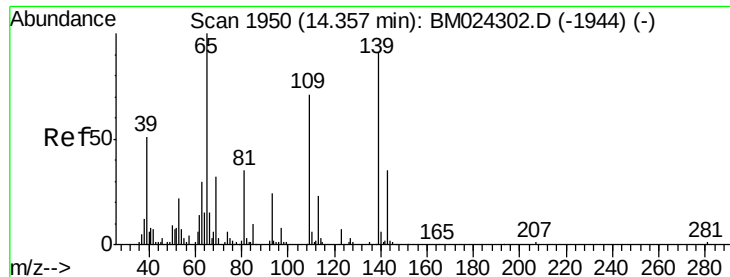
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.3	7.8	11.6



#50
Acenaphthene
Concen: 35.275 ng/ul
RT: 14.15 min Scan# 1915
Delta R.T. -0.00 min
Lab File: BM024308.D
Acq: 26 Dec 2019 21:11

Tgt Ion	Ratio	Lower	Upper
153	100		
152	46.5	37.8	56.6
154	87.2	71.1	106.7





#53

4-Nitrophenol

Concen: 32.025 ng/ul

RT: 14.35 min Scan# 1949

Delta R.T. -0.01 min

Lab File: BM024308.D

Acq: 26 Dec 2019 21:11

Instrument :

BNA_M

ClientSampleId :

ETK88MSD

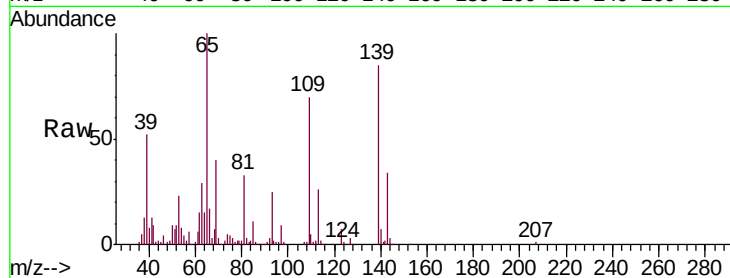
Tgt Ion:109 Resp: 203010

Ion Ratio Lower Upper

109 100

139 122.2 105.0 157.4

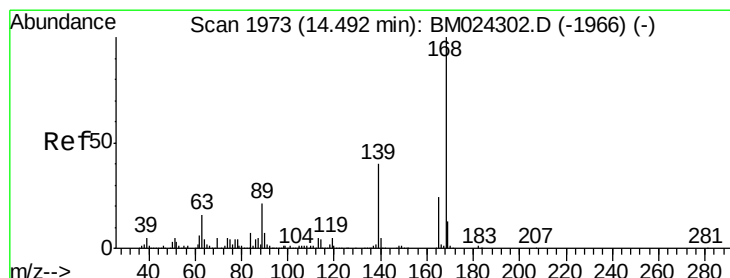
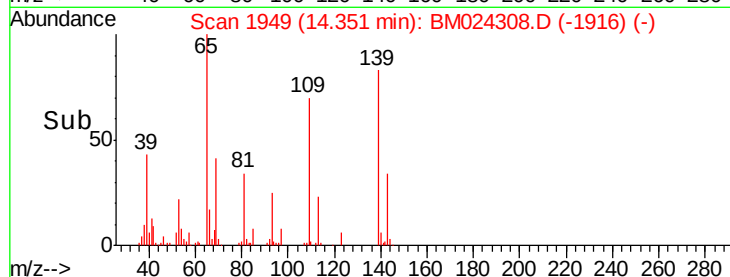
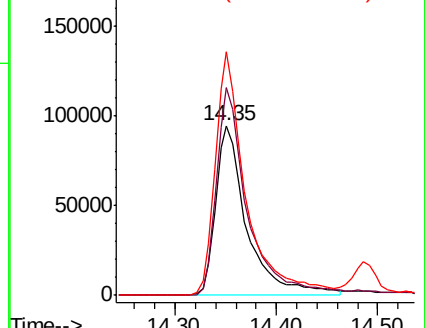
65 143.3 113.0 169.4



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: 31.959 ng/ul

RT: 14.49 min Scan# 1972

Delta R.T. -0.01 min

Lab File: BM024308.D

Acq: 26 Dec 2019 21:11

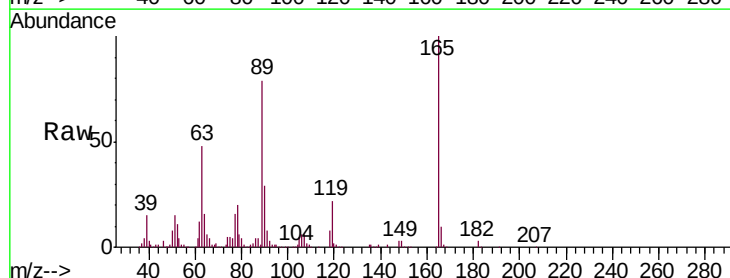
Tgt Ion:165 Resp: 437489

Ion Ratio Lower Upper

165 100

63 48.5 43.6 65.4

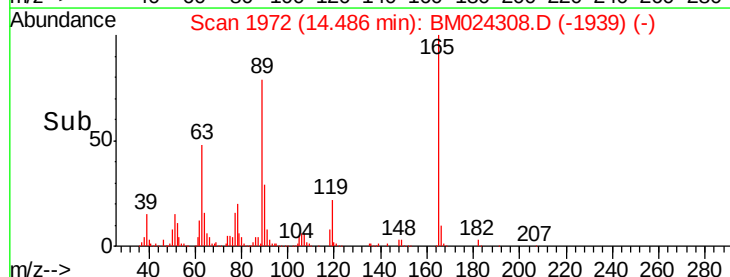
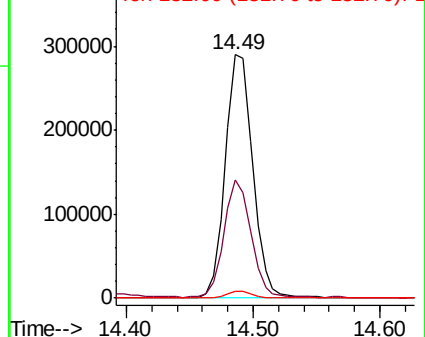
182 2.7 2.3 3.5

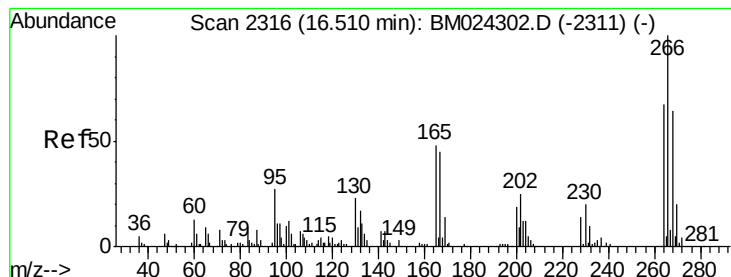


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E





#69

Pentachlorophenol

Concen: 34.527 ng/ul

RT: 16.51 min Scan# 2316

Delta R.T. -0.00 min

Lab File: BM024308.D

Acq: 26 Dec 2019 21:11

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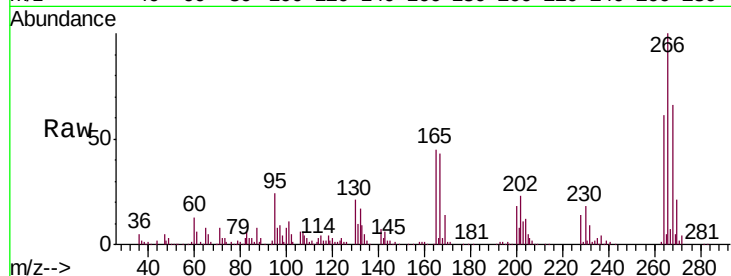
Tgt Ion:266 Resp: 263112

Ion Ratio Lower Upper

266 100

264 61.3 47.9 71.9

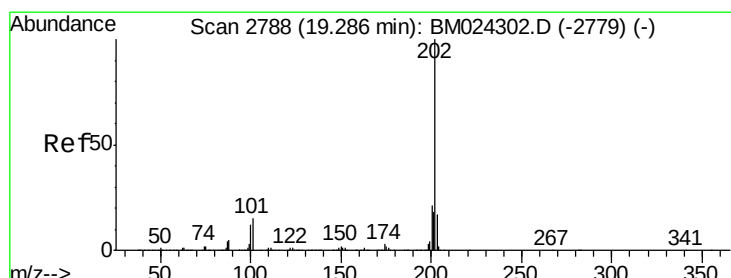
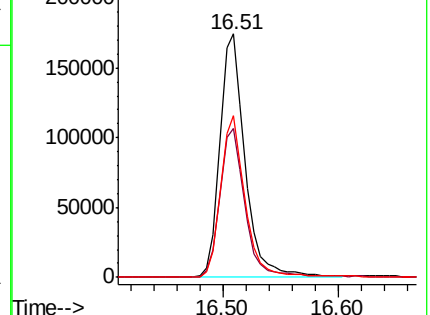
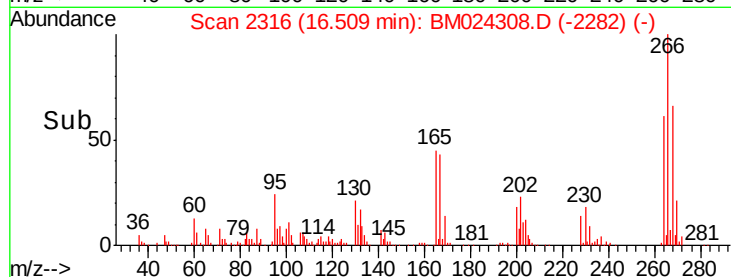
268 66.5 51.3 76.9



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: 39.401 ng/ul

RT: 19.28 min Scan# 2787

Delta R.T. -0.01 min

Lab File: BM024308.D

Acq: 26 Dec 2019 21:11

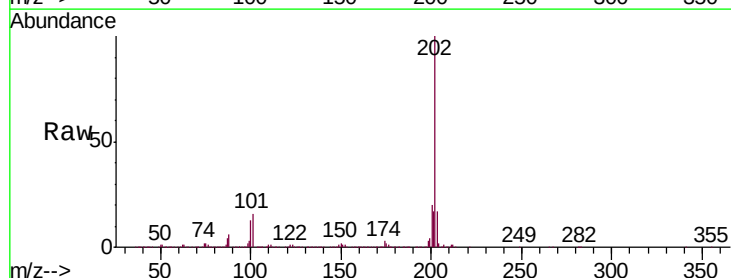
Tgt Ion:202 Resp: 2496403

Ion Ratio Lower Upper

202 100

101 15.7 12.2 18.4

100 13.0 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

