

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120419\
 Data File : BM024003.D
 Acq On : 04 Dec 2019 16:01
 Operator : JU
 Sample : K4649-03MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A5167MSD

Quant Time: Dec 04 16:33:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 04 13:35:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	358228	20.00	ng/ul	0.00
18) Naphthalene-d8	10.25	136	1468243	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.14	164	883746	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	1817386	20.00	ng/ul	0.00
78) Chrysene-d12	21.10	240	1769073	20.00	ng/ul	0.00
86) Perylene-d12	23.25	264	2157473	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.03	96	48646	6.04	ng/uL	0.00
5) Phenol-d5	6.67	99	848703	27.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.83	67	506554	27.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	681825	28.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	621221	25.08	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	333686	29.28	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	371200	28.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	647039	26.38	ng/ul	0.00
29) 4-Chloroaniline-d4	10.40	131	833724	30.97	ng/ul	0.00
44) Dimethylphthalate-d6	13.56	166	2023507	29.47	ng/ul	0.00
47) Acenaphthylene-d8	13.83	160	2408248	29.92	ng/ul	0.00
52) 4-Nitrophenol-d4	14.37	143	306769	26.57	ng/ul	0.00
58) Fluorene-d10	15.15	176	1728403	29.91	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.29	200	231684	20.31	ng/ul	0.00
71) Anthracene-d10	16.99	188	2656454	30.60	ng/ul	0.00
79) Pyrene-d10	19.30	212	3033234	33.18	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.12	264	3740877	32.80	ng/ul	0.00

Target Compounds

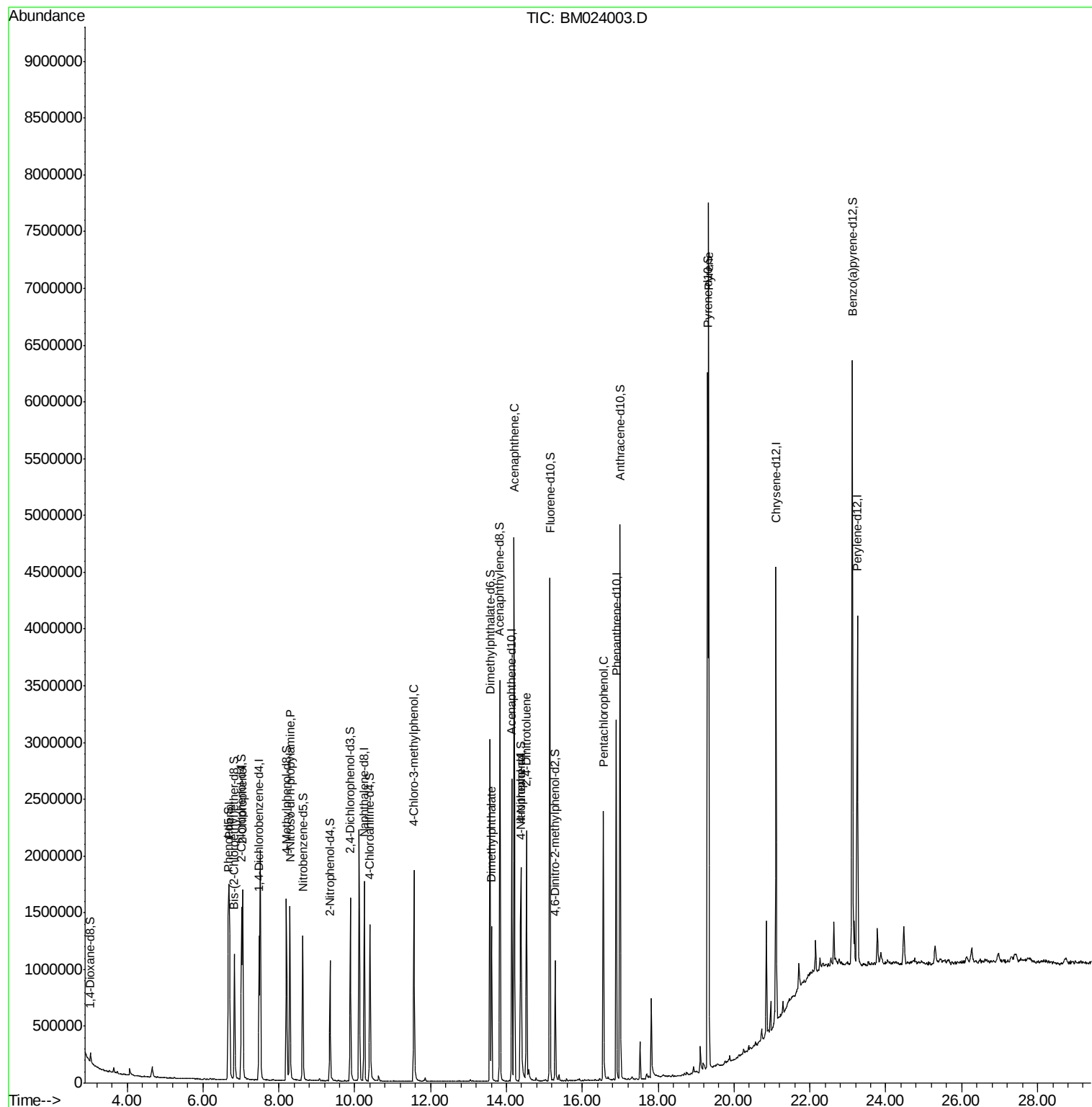
					Ovalue
6) Phenol	6.70	94	1036811	32.102	ng/ul 98
10) 2-Chlorophenol	7.05	128	762311	30.700	ng/ul 97
15) N-Nitroso-di-n-propylamine	8.29	70	636696	31.443	ng/ul 97
33) 4-Chloro-3-methylphenol	11.56	107	779183	31.235	ng/ul 99
45) Dimethylphthalate	13.61	163	855429	12.726	ng/ul 100
50) Acenaphthene	14.20	153	1862389	32.213	ng/ul 100
53) 4-Nitrophenol	14.39	109	286920	33.729	ng/ul 96
55) 2,4-Dinitrotoluene	14.53	165	691379	36.143	ng/ul# 82
69) Pentachlorophenol	16.56	266	449187	30.867	ng/ul 96
80) Pyrene	19.33	202	4446402	37.303	ng/ul 97

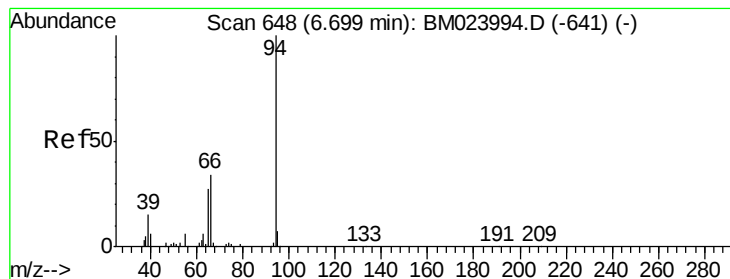
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 04 13:35:21 2019
Response via : Initial Calibration





#6

Phenol

Concen: 32.102 ng/ul

RT: 6.70 min Scan# 648

Delta R.T. -0.00 min

Lab File: BM024003.D

Acq: 04 Dec 2019 16:01

Instrument :

BNA_M

ClientSampleId :

A5167MSD

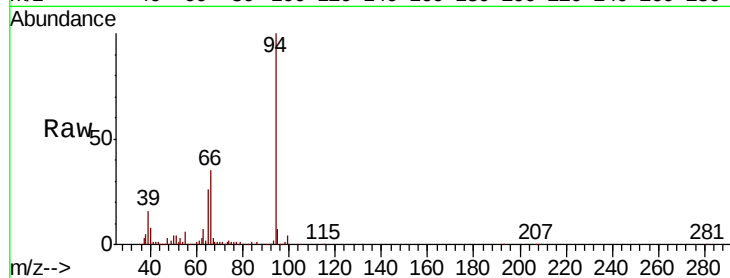
Tot Ion: 94 Resp: 1036811

Ion Ratio Lower Upper

94 100

65 26.0 21.7 32.5

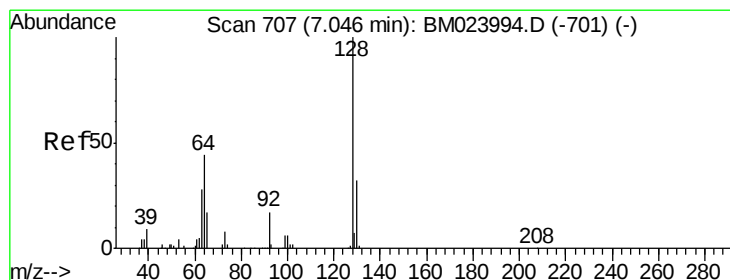
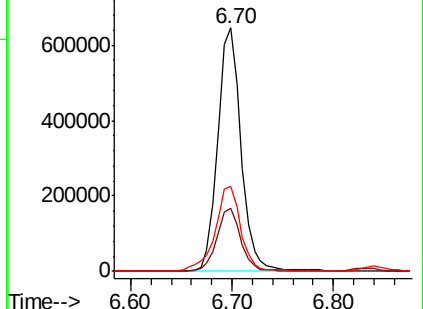
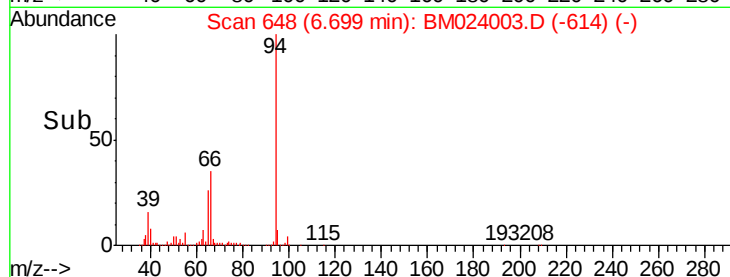
66 35.0 28.8 43.2



Abundance Ion 94.00 (93.70 to 94.70): BM023994.D (-641) (-)

Ion 65.00 (64.70 to 65.70): BM023994.D (-641) (-)

Ion 66.00 (65.70 to 66.70): BM023994.D (-641) (-)



#10

2-Chlorophenol

Concen: 30.700 ng/ul

RT: 7.05 min Scan# 707

Delta R.T. -0.00 min

Lab File: BM024003.D

Acq: 04 Dec 2019 16:01

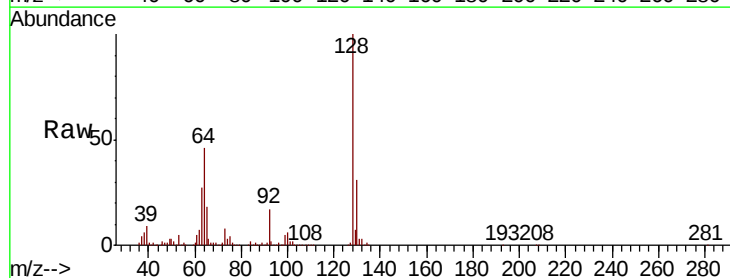
Tgt Ion: 128 Resp: 762311

Ion Ratio Lower Upper

128 100

64 45.6 38.2 57.4

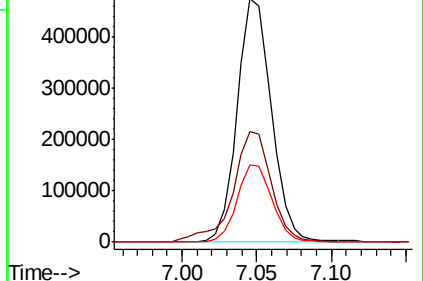
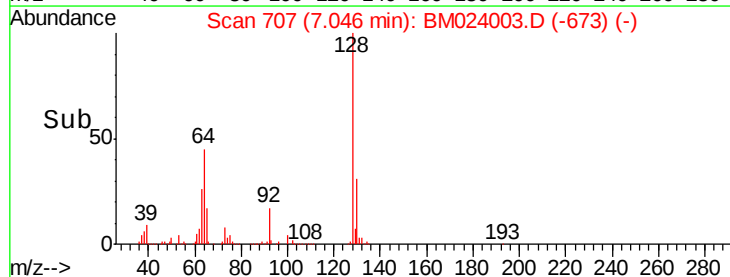
130 31.5 25.9 38.9

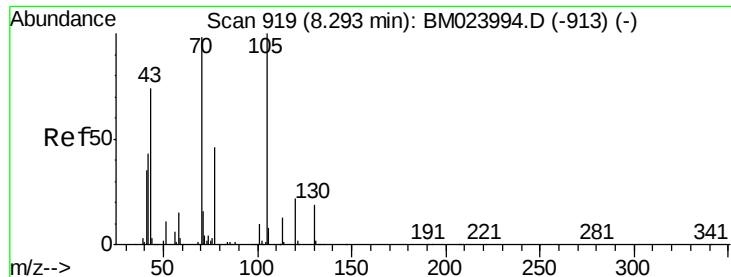


Abundance Ion 128.00 (127.70 to 128.70): BM023994.D (-701) (-)

Ion 64.00 (63.70 to 64.70): BM023994.D (-701) (-)

Ion 130.00 (129.70 to 130.70): BM023994.D (-701) (-)

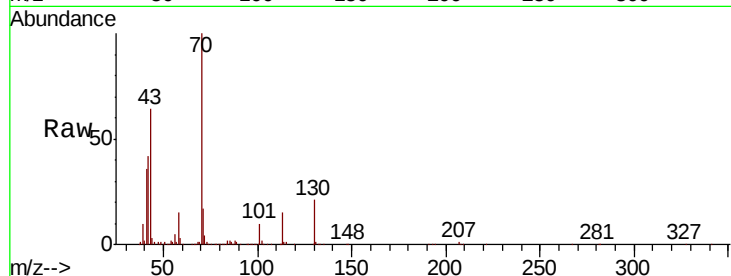




#15
N-Nitroso-di-n-propylamine
Concen: 31.443 ng/ul
RT: 8.29 min Scan# 919
Delta R.T. -0.00 min
Lab File: BM024003.D
Acq: 04 Dec 2019 16:01

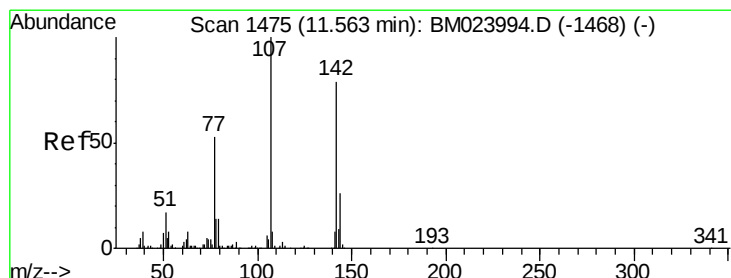
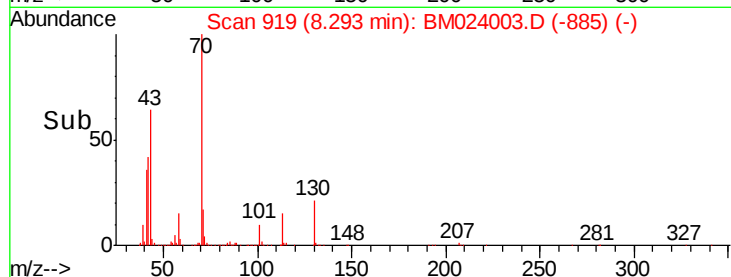
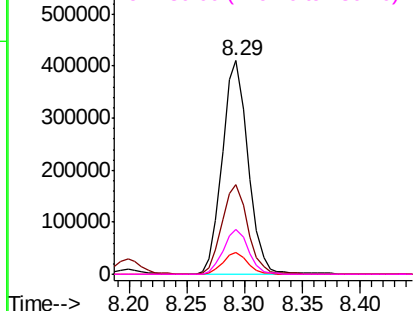
Instrument :
BNA_M
ClientSampleId :
A5167MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	41.9	35.8	53.6
101	9.9	8.0	12.0
130	20.8	15.8	23.6



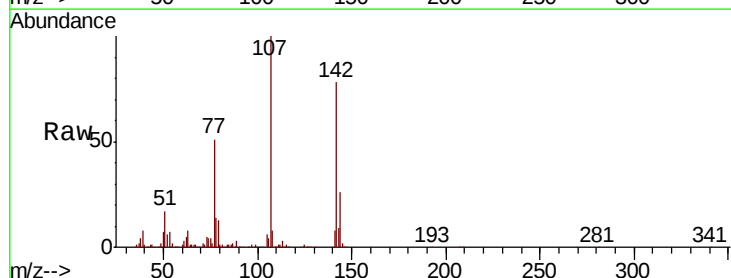
Abundance

Ion 70.00 (69.70 to 70.70): BM023994.D (-913) (-)



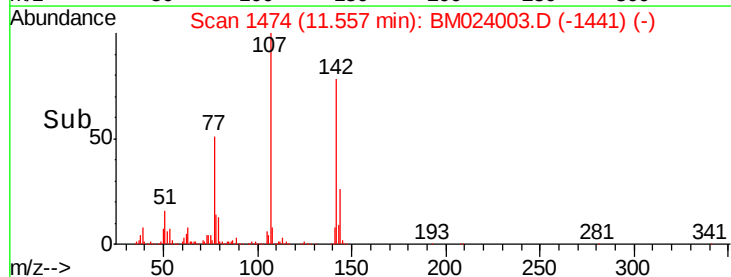
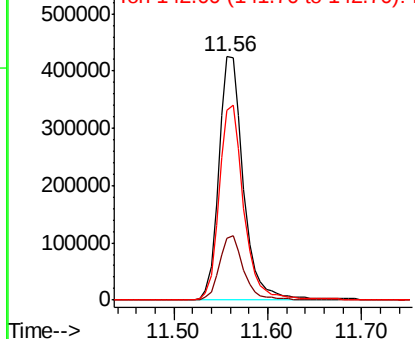
#33
4-Chloro-3-methylphenol
Concen: 31.235 ng/ul
RT: 11.56 min Scan# 1474
Delta R.T. -0.01 min
Lab File: BM024003.D
Acq: 04 Dec 2019 16:01

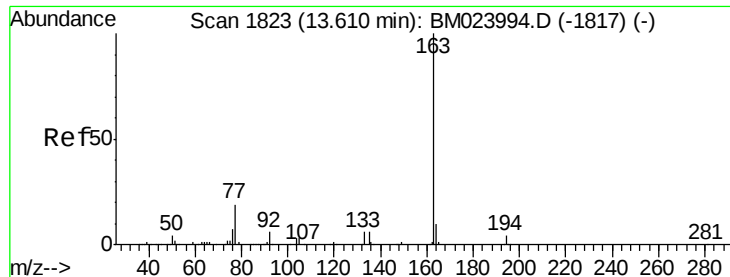
Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.5	20.5	30.7
142	77.8	63.4	95.2



Abundance

Ion 107.00 (106.70 to 107.70): BM023994.D (-1468) (-)

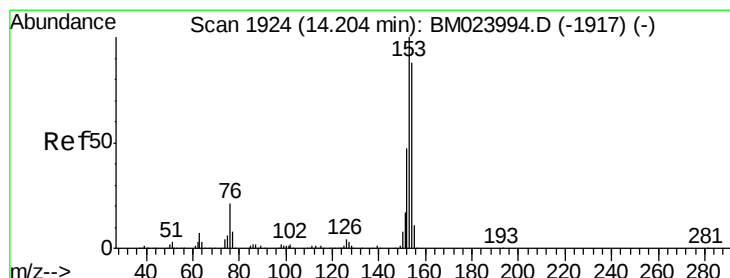
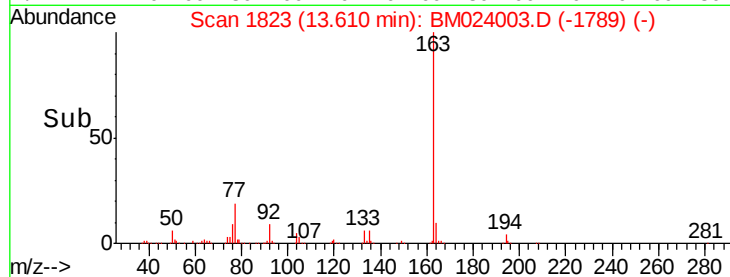
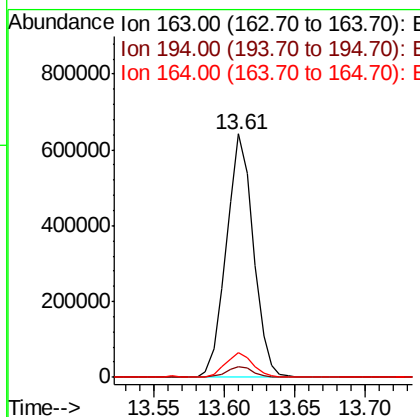
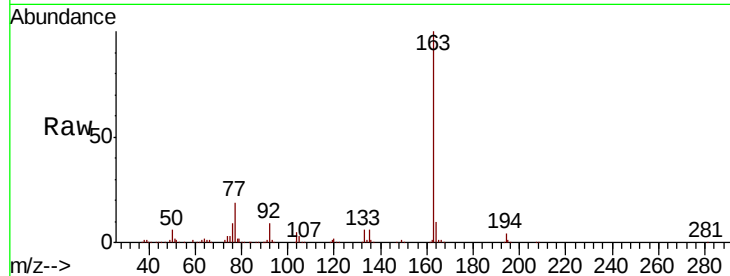




#45
Dimethylphthalate
Concen: 12.726 ng/ul
RT: 13.61 min Scan# 1823
Delta R.T. -0.00 min
Lab File: BM024003.D
Acq: 04 Dec 2019 16:01

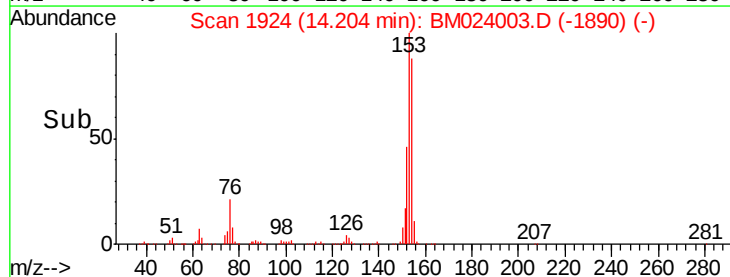
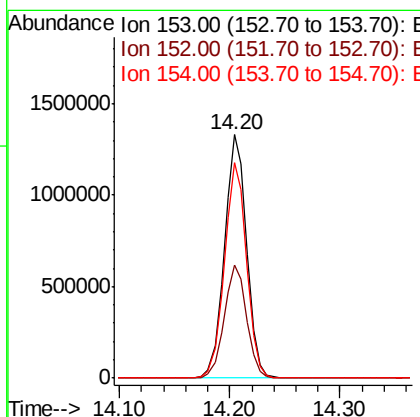
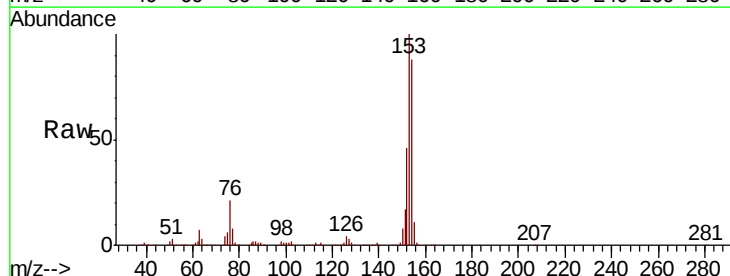
Instrument :
BNA_M
ClientSampleId :
A5167MSD

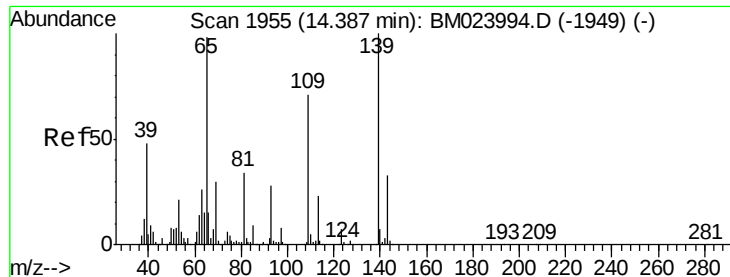
Tot Ion:163 Resp: 855429
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.0 7.9 11.9



#50
Acenaphthene
Concen: 32.213 ng/ul
RT: 14.20 min Scan# 1924
Delta R.T. -0.00 min
Lab File: BM024003.D
Acq: 04 Dec 2019 16:01

Tgt Ion:153 Resp: 1862389
Ion Ratio Lower Upper
153 100
152 46.2 37.5 56.3
154 88.3 70.7 106.1





#53

4-Nitrophenol

Concen: 33.729 ng/ul

RT: 14.39 min Scan# 1955

Delta R.T. -0.00 min

Lab File: BM024003.D

Acq: 04 Dec 2019 16:01

Instrument :

BNA_M

ClientSampleId :

A5167MSD

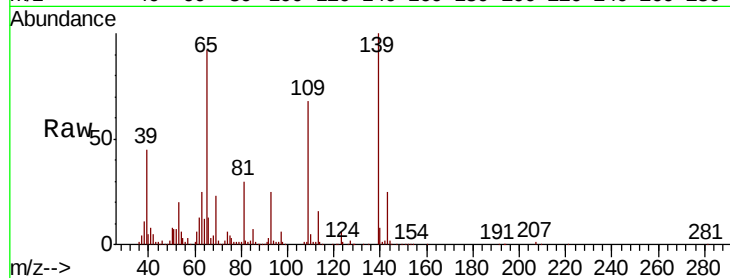
Tot Ion:109 Resp: 286920

Ion Ratio Lower Upper

109 100

139 146.8 112.4 168.6

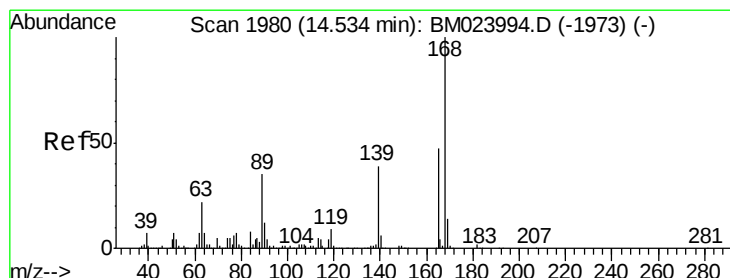
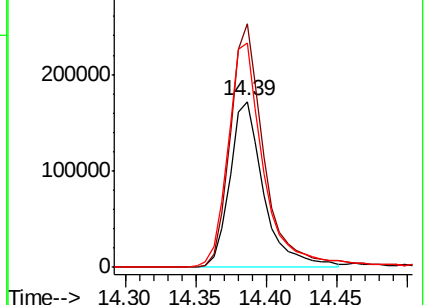
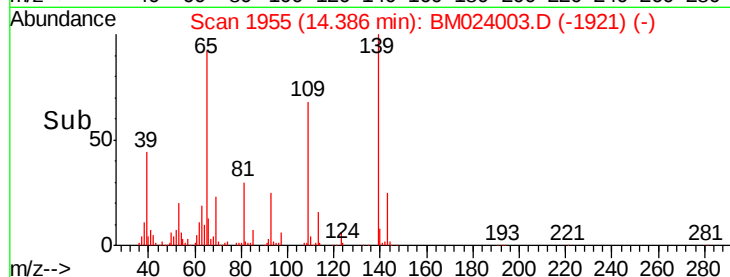
65 135.3 110.7 166.1



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: 36.143 ng/ul

RT: 14.53 min Scan# 1980

Delta R.T. -0.00 min

Lab File: BM024003.D

Acq: 04 Dec 2019 16:01

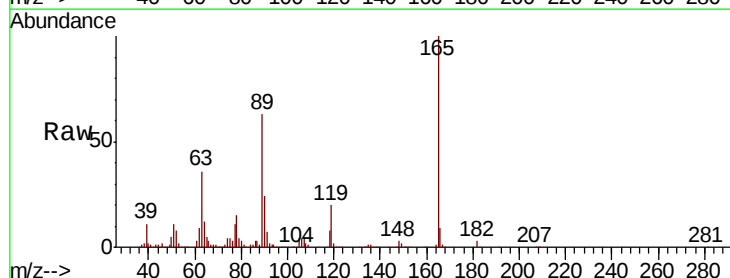
Tgt Ion:165 Resp: 691379

Ion Ratio Lower Upper

165 100

63 35.6 38.6 57.8#

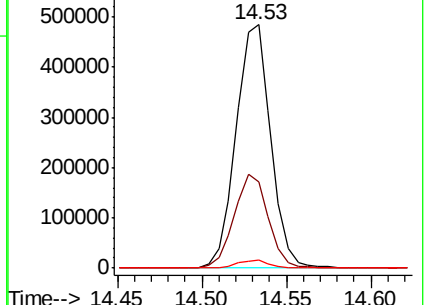
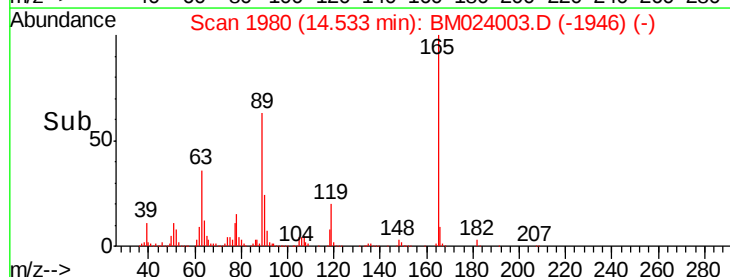
182 3.1 2.6 3.8

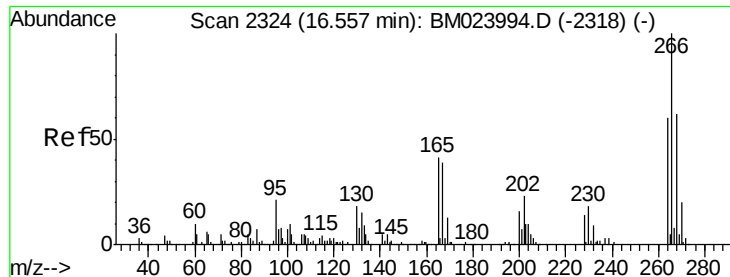


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E

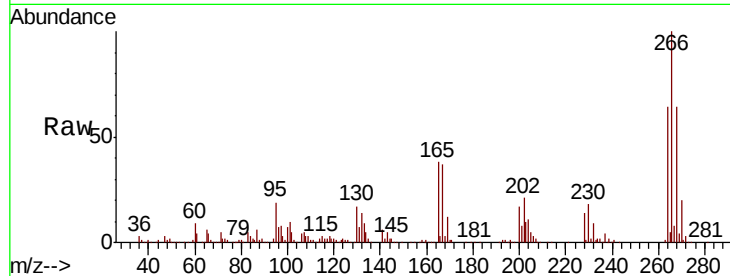




#69
 Pentachlorophenol
 Concen: 30.867 ng/ul
 RT: 16.56 min Scan# 2324
 Delta R.T. -0.00 min
 Lab File: BM024003.D
 Acq: 04 Dec 2019 16:01

Instrument :
 BNA_M
 ClientSampleId :
 A5167MSD

Tot Ion	Ratio	Lower	Upper
266	100		
264	64.1	48.2	72.2
268	64.3	49.6	74.4

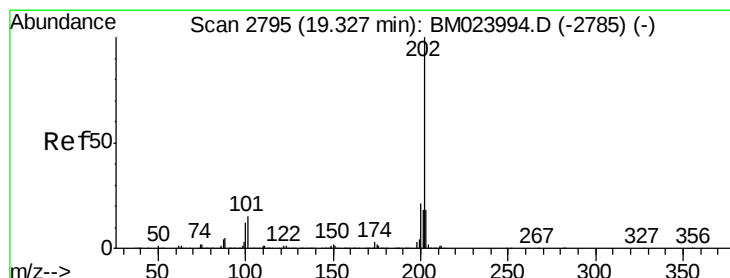
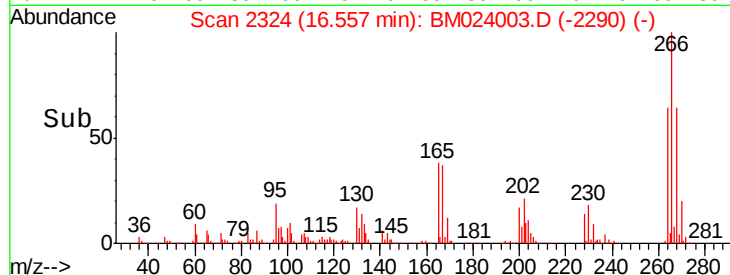
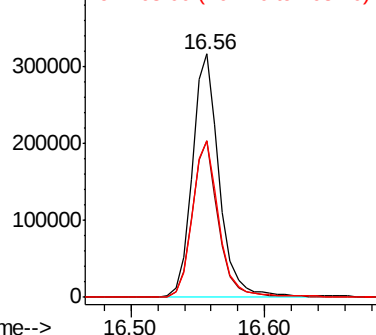


Abundance

Ion 265.70 (265.40 to 266.40): E

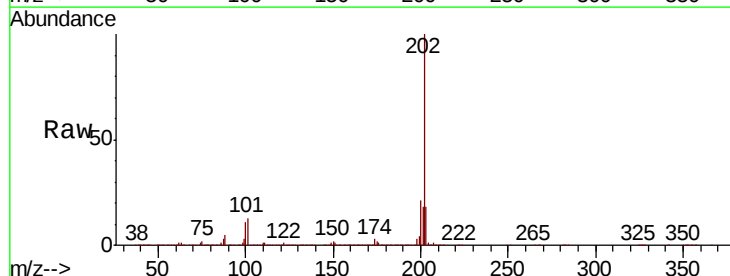
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#80
 Pyrene
 Concen: 37.303 ng/ul
 RT: 19.33 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: BM024003.D
 Acq: 04 Dec 2019 16:01

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.5	11.8	17.6
100	10.9	9.8	14.6



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): E

