

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120419\
 Data File : BM024007.D
 Acq On : 04 Dec 2019 18:25
 Operator : JU
 Sample : K4649-08MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A5169MSD

Quant Time: Dec 05 02:49:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 05 02:46:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	344050	20.00	ng/ul	0.00
18) Naphthalene-d8	10.25	136	1360362	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.14	164	800461	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	1659282	20.00	ng/ul	0.00
78) Chrysene-d12	21.10	240	1654962	20.00	ng/ul	0.00
86) Perylene-d12	23.25	264	2023084	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.03	96	41676	5.39	ng/uL	0.00
5) Phenol-d5	6.67	99	795843	26.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.83	67	491711	28.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	645734	27.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	575092	24.17	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	308865	29.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	340082	28.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	600208	26.41	ng/ul	0.00
29) 4-Chloroaniline-d4	10.40	131	768098	30.80	ng/ul	0.00
44) Dimethylphthalate-d6	13.56	166	1828928	29.41	ng/ul	0.00
47) Acenaphthylene-d8	13.83	160	2196798	30.14	ng/ul	0.00
52) 4-Nitrophenol-d4	14.37	143	272590	26.07	ng/ul	0.00
58) Fluorene-d10	15.14	176	1581056	30.21	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.29	200	209359	20.10	ng/ul	0.00
71) Anthracene-d10	16.99	188	2415893	30.49	ng/ul	0.00
79) Pyrene-d10	19.30	212	2801212	32.76	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.12	264	3493331	32.67	ng/ul	0.00

Target Compounds

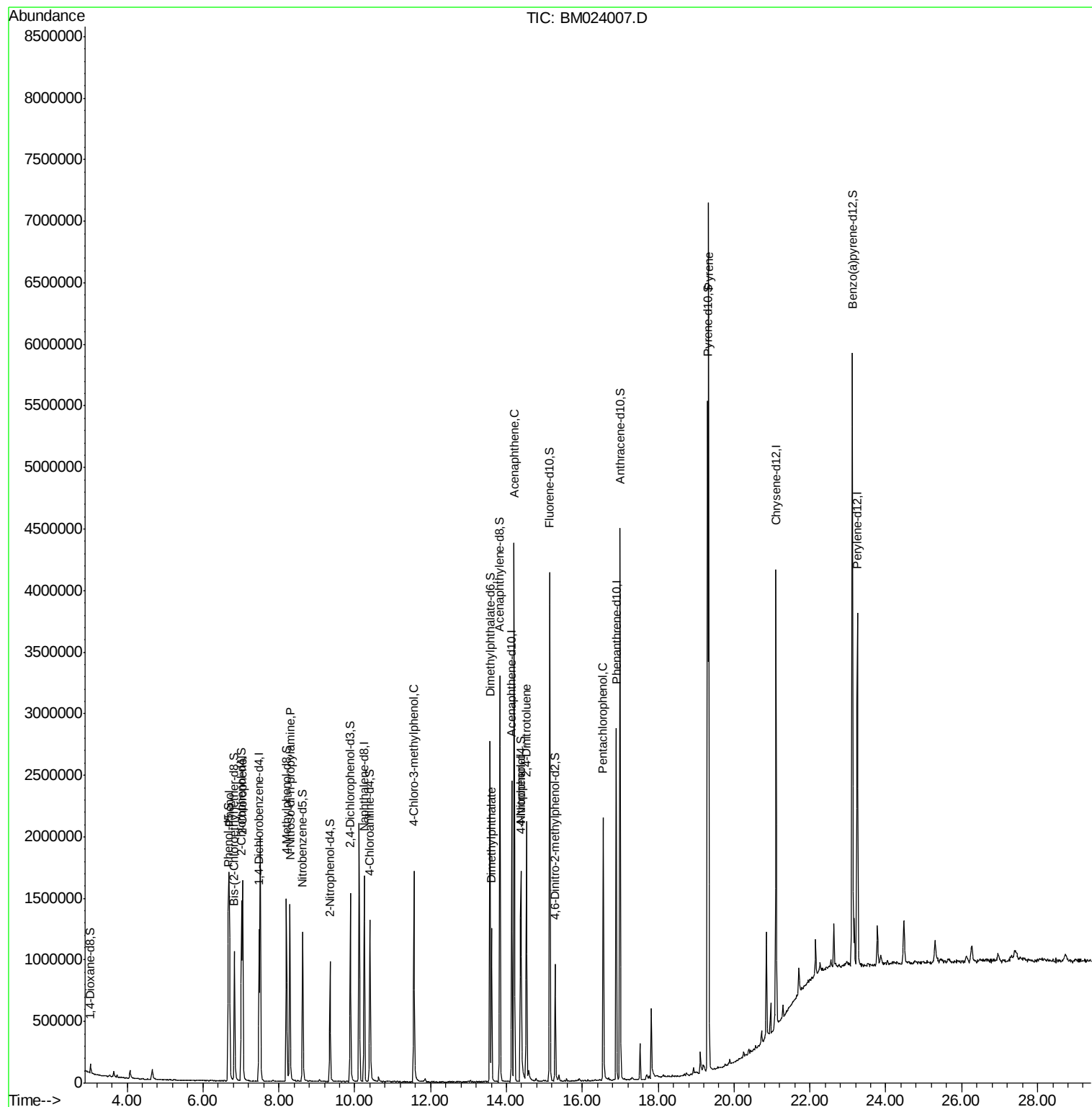
					Ovalue
6) Phenol	6.69	94	983945	31.721	ng/ul 99
10) 2-Chlorophenol	7.05	128	726625	30.469	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.29	70	591637	30.422	ng/ul 96
33) 4-Chloro-3-methylphenol	11.56	107	713813	30.884	ng/ul 100
45) Dimethylphthalate	13.61	163	784111	12.879	ng/ul 99
50) Acenaphthene	14.20	153	1710220	32.658	ng/ul 100
53) 4-Nitrophenol	14.38	109	274270	35.596	ng/ul 95
55) 2,4-Dinitrotoluene	14.53	165	624779	36.060	ng/ul 87
69) Pentachlorophenol	16.56	266	401728	30.236	ng/ul 96
80) Pyrene	19.33	202	4096364	36.736	ng/ul 97

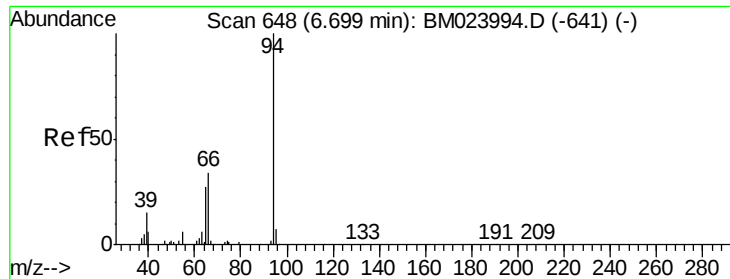
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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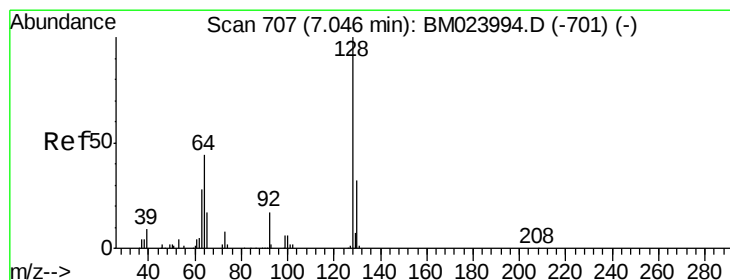
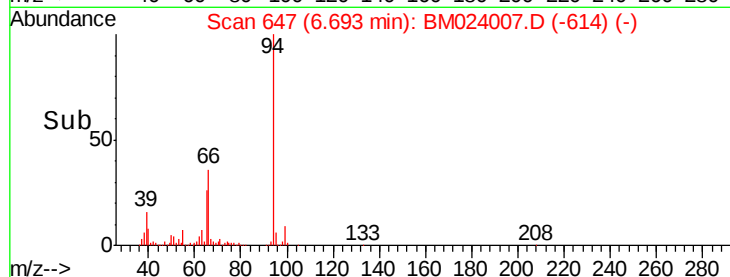
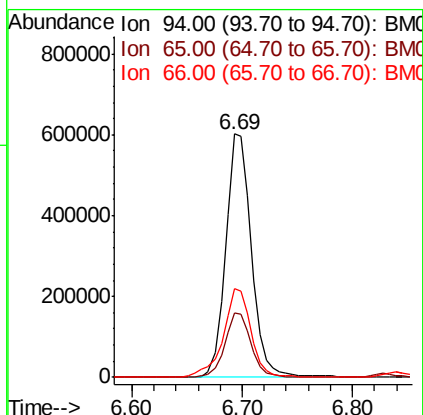
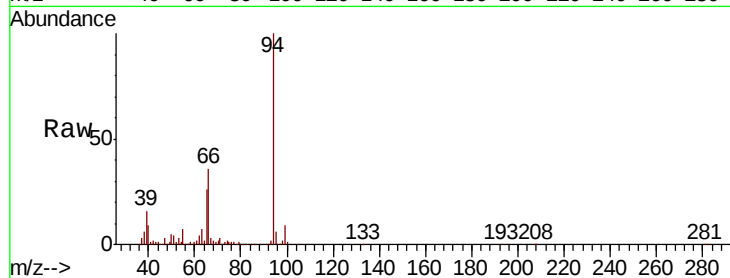
#6

Phenol

Concen: 31.721 ng/ul
 RT: 6.69 min Scan# 647
 Delta R.T. -0.01 min
 Lab File: BM024007.D
 Acq: 04 Dec 2019 18:25

Instrument :
 BNA_M
 ClientSampleId :
 A5169MSD

Tot Ion	Ratio	Lower	Upper
94	100		
65	26.4	21.7	32.5
66	36.2	28.8	43.2

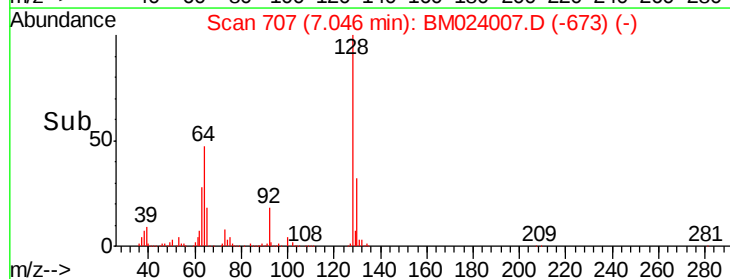
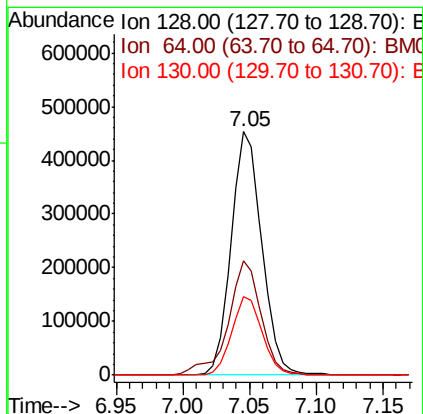
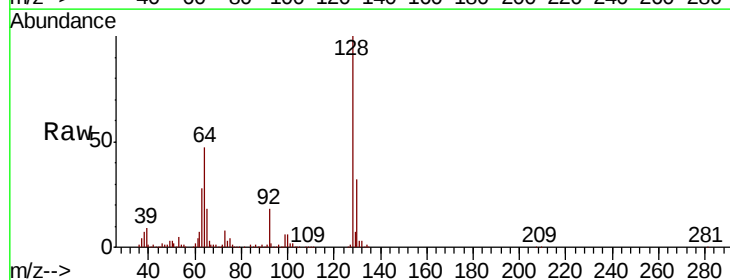


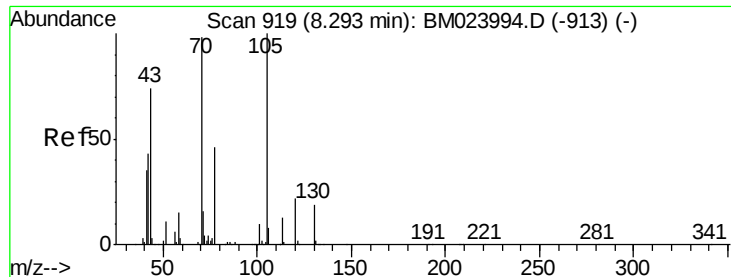
#10

2-Chlorophenol

Concen: 30.469 ng/ul
 RT: 7.05 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: BM024007.D
 Acq: 04 Dec 2019 18:25

Tgt Ion	Ratio	Lower	Upper
128	100		
64	47.0	38.2	57.4
130	32.3	25.9	38.9

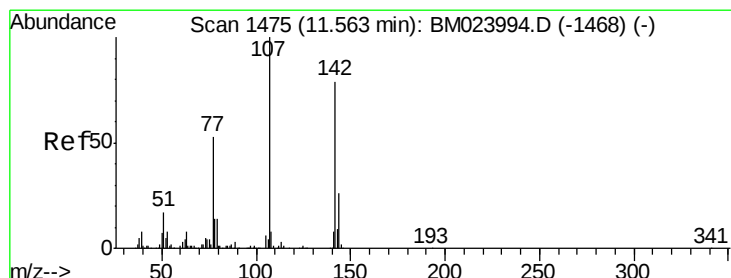
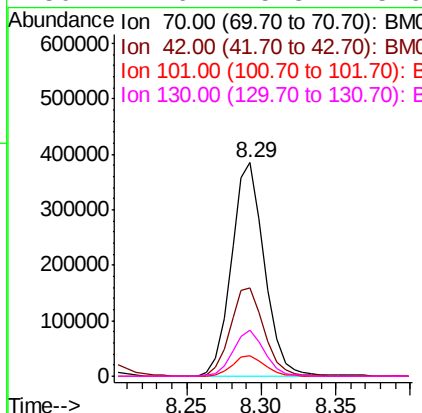
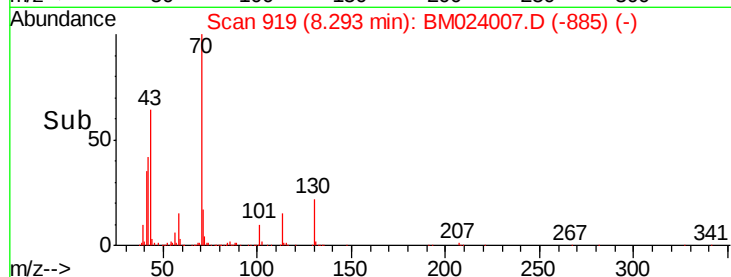
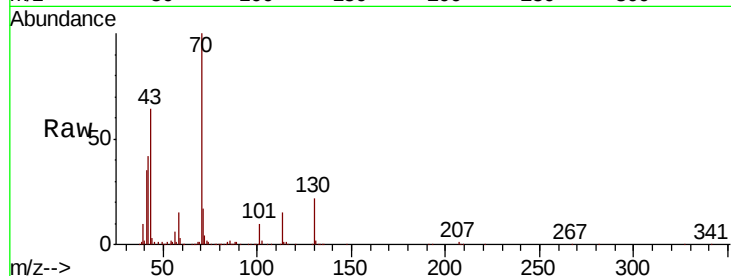




#15
N-Nitroso-di-n-propylamine
Concen: 30.422 ng/ul
RT: 8.29 min Scan# 919
Delta R.T. -0.00 min
Lab File: BM024007.D
Acq: 04 Dec 2019 18:25

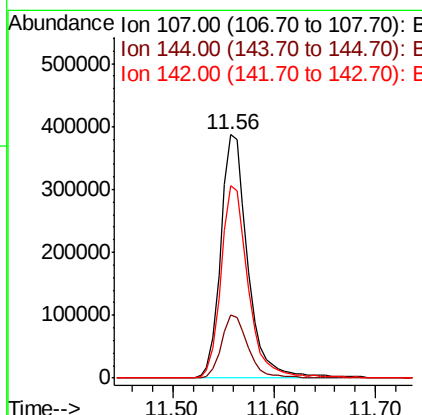
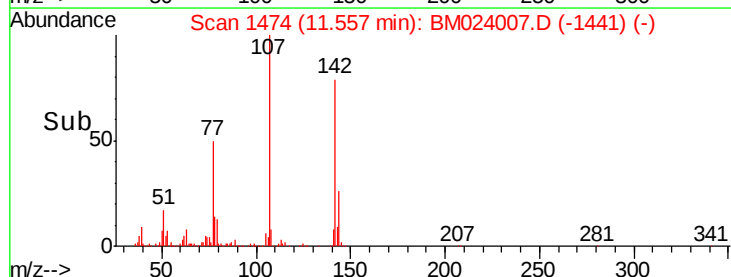
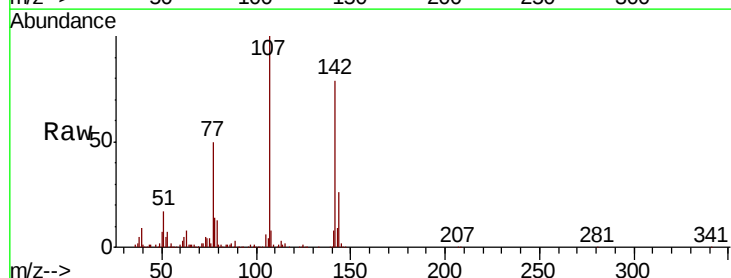
Instrument :
BNA_M
ClientSampleId :
A5169MSD

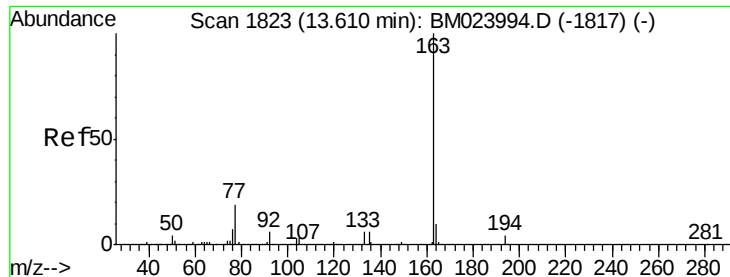
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	41.7	35.8	53.6	
101	9.9	8.0	12.0	
130	21.6	15.8	23.6	



#33
4-Chloro-3-methylphenol
Concen: 30.884 ng/ul
RT: 11.56 min Scan# 1474
Delta R.T. -0.01 min
Lab File: BM024007.D
Acq: 04 Dec 2019 18:25

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	26.1	20.5	30.7	
142	79.1	63.4	95.2	

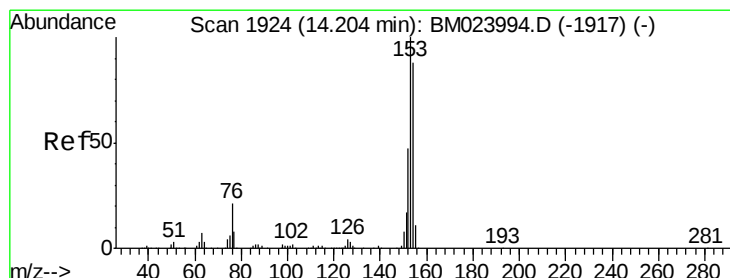
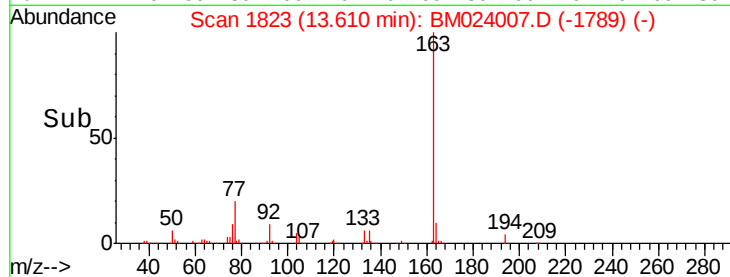
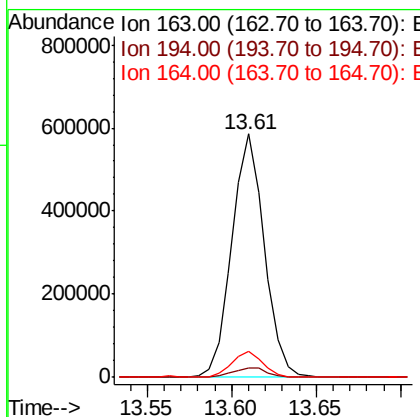
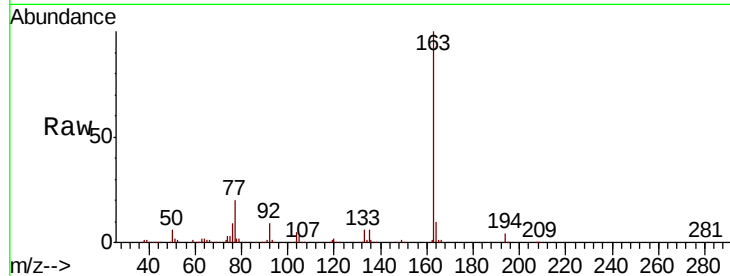




#45
Dimethylphthalate
Concen: 12.879 ng/ul
RT: 13.61 min Scan# 1823
Delta R.T. -0.00 min
Lab File: BM024007.D
Acq: 04 Dec 2019 18:25

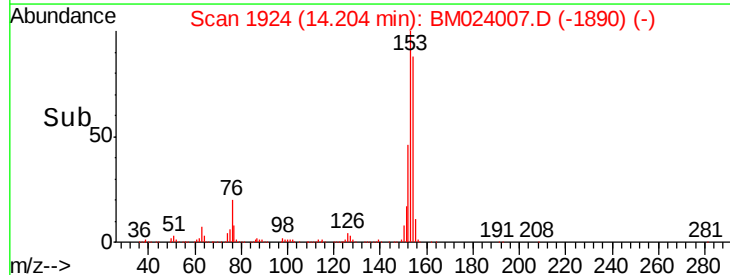
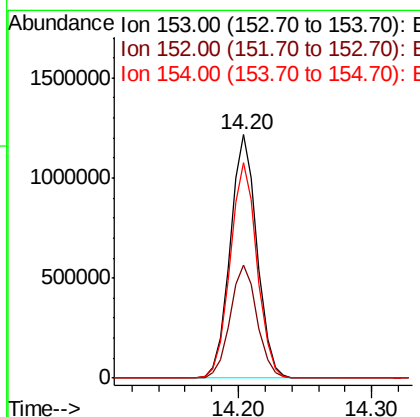
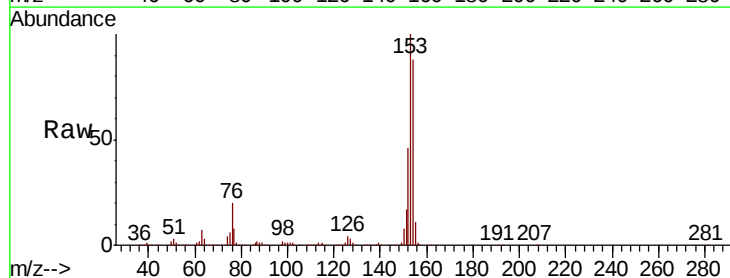
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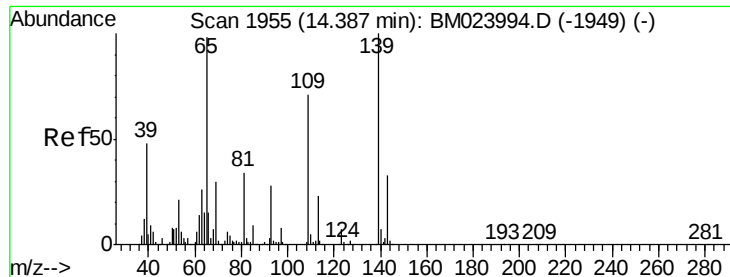
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.5	7.9	11.9



#50
Acenaphthene
Concen: 32.658 ng/ul
RT: 14.20 min Scan# 1924
Delta R.T. -0.00 min
Lab File: BM024007.D
Acq: 04 Dec 2019 18:25

Tgt Ion	Ratio	Lower	Upper
153	100		
152	46.4	37.5	56.3
154	88.4	70.7	106.1





#53

4-Nitrophenol

Concen: 35.596 ng/ul

RT: 14.38 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BM024007.D

Acq: 04 Dec 2019 18:25

Instrument :

BNA_M

ClientSampleId :

A5169MSD

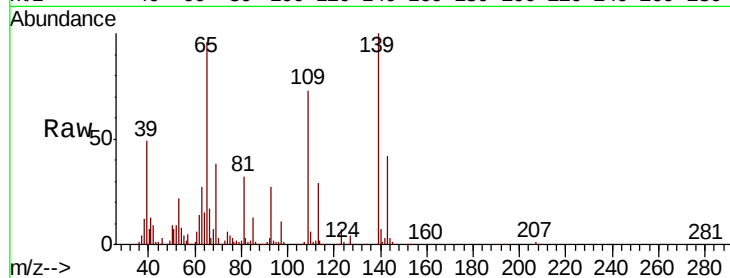
Tot Ion:109 Resp: 274270

Ion Ratio Lower Upper

109 100

139 136.3 112.4 168.6

65 130.7 110.7 166.1

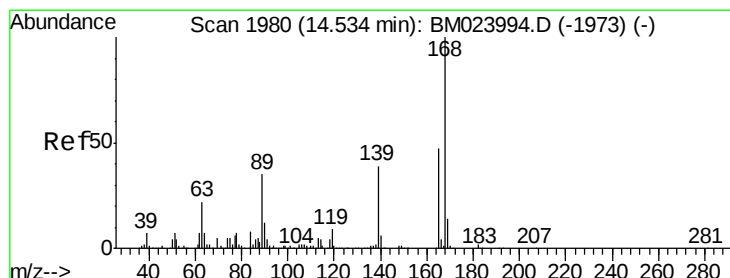
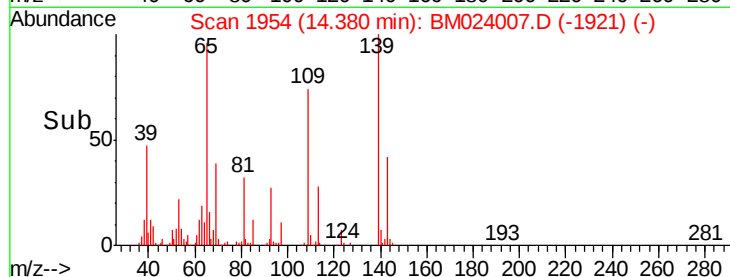
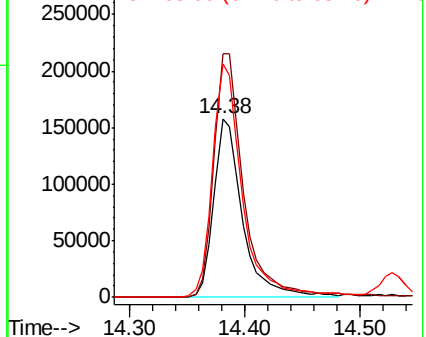


Abundance

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: 36.060 ng/ul

RT: 14.53 min Scan# 1979

Delta R.T. -0.01 min

Lab File: BM024007.D

Acq: 04 Dec 2019 18:25

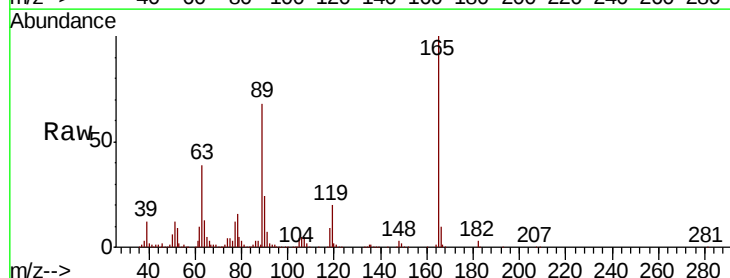
Tgt Ion:165 Resp: 624779

Ion Ratio Lower Upper

165 100

63 39.0 38.6 57.8

182 3.4 2.6 3.8

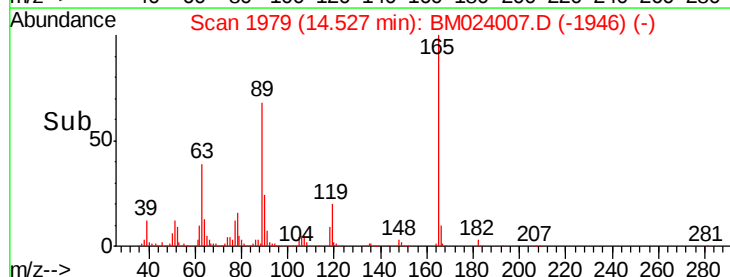
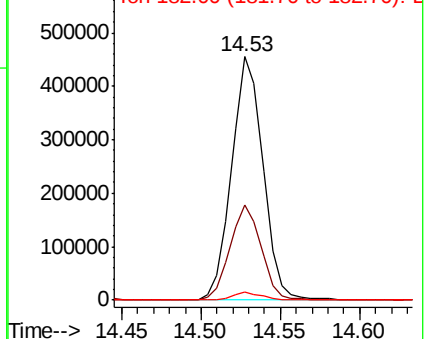


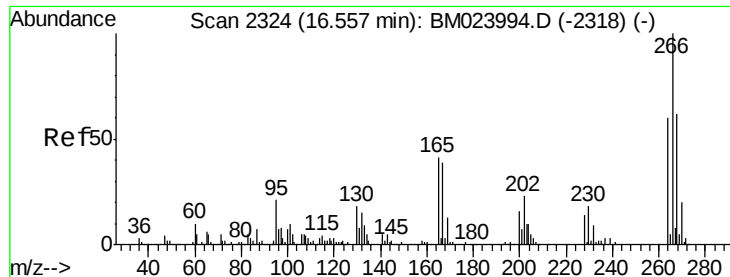
Abundance

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

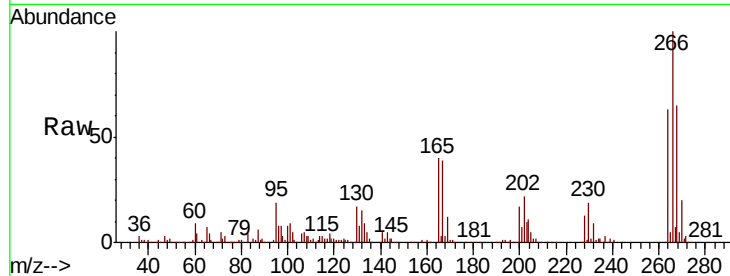




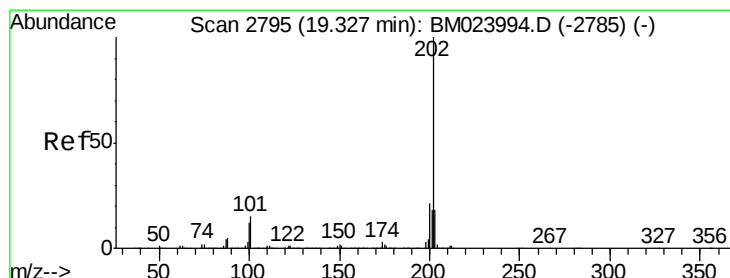
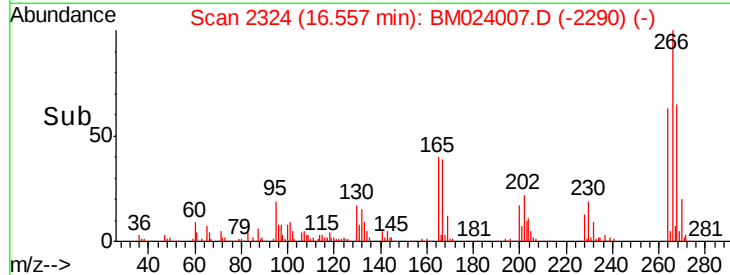
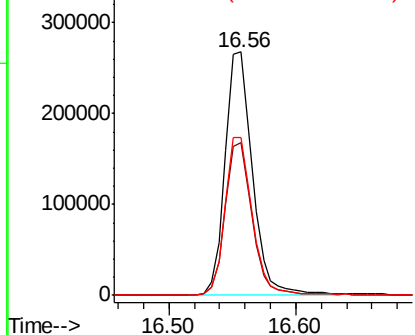
#69
 Pentachlorophenol
 Concen: 30.236 ng/ul
 RT: 16.56 min Scan# 2324
 Delta R.T. -0.00 min
 Lab File: BM024007.D
 Acq: 04 Dec 2019 18:25

Instrument :
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 A5169MSD

Tot Ion	Ratio	Lower	Upper
266	100		
264	63.0	48.2	72.2
268	64.6	49.6	74.4

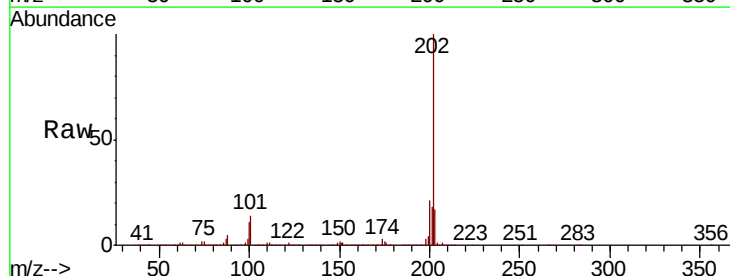


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#80
 Pyrene
 Concen: 36.736 ng/ul
 RT: 19.33 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: BM024007.D
 Acq: 04 Dec 2019 18:25

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.6	11.8	17.6
100	11.1	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

