

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120419\
 Data File : BM024002.D
 Acq On : 04 Dec 2019 15:25
 Operator : JU
 Sample : K4649-02MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A5167MS

Quant Time: Dec 04 16:01:36 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	366325	20.00	ng/ul	0.00
18) Naphthalene-d8	10.25	136	1489786	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.14	164	896386	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	1858968	20.00	ng/ul	0.00
78) Chrysene-d12	21.10	240	1781133	20.00	ng/ul	0.00
86) Perylene-d12	23.25	264	2198126	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.03	96	41392	5.03	ng/uL	0.00
5) Phenol-d5	6.67	99	803144	25.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.83	67	487981	26.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	655006	26.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	601028	23.73	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	326273	28.22	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	355580	27.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	625953	25.15	ng/ul	0.00
29) 4-Chloroaniline-d4	10.40	131	792971	29.03	ng/ul	0.00
44) Dimethylphthalate-d6	13.56	166	1964980	28.21	ng/ul	0.00
47) Acenaphthylene-d8	13.83	160	2321501	28.44	ng/ul	0.00
52) 4-Nitrophenol-d4	14.37	143	288769	24.66	ng/ul	0.00
58) Fluorene-d10	15.14	176	1660821	28.34	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.29	200	229292	19.65	ng/ul	0.00
71) Anthracene-d10	16.99	188	2570785	28.96	ng/ul	0.00
79) Pyrene-d10	19.30	212	2928266	31.82	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.11	264	3568369	30.71	ng/ul	0.00

Target Compounds

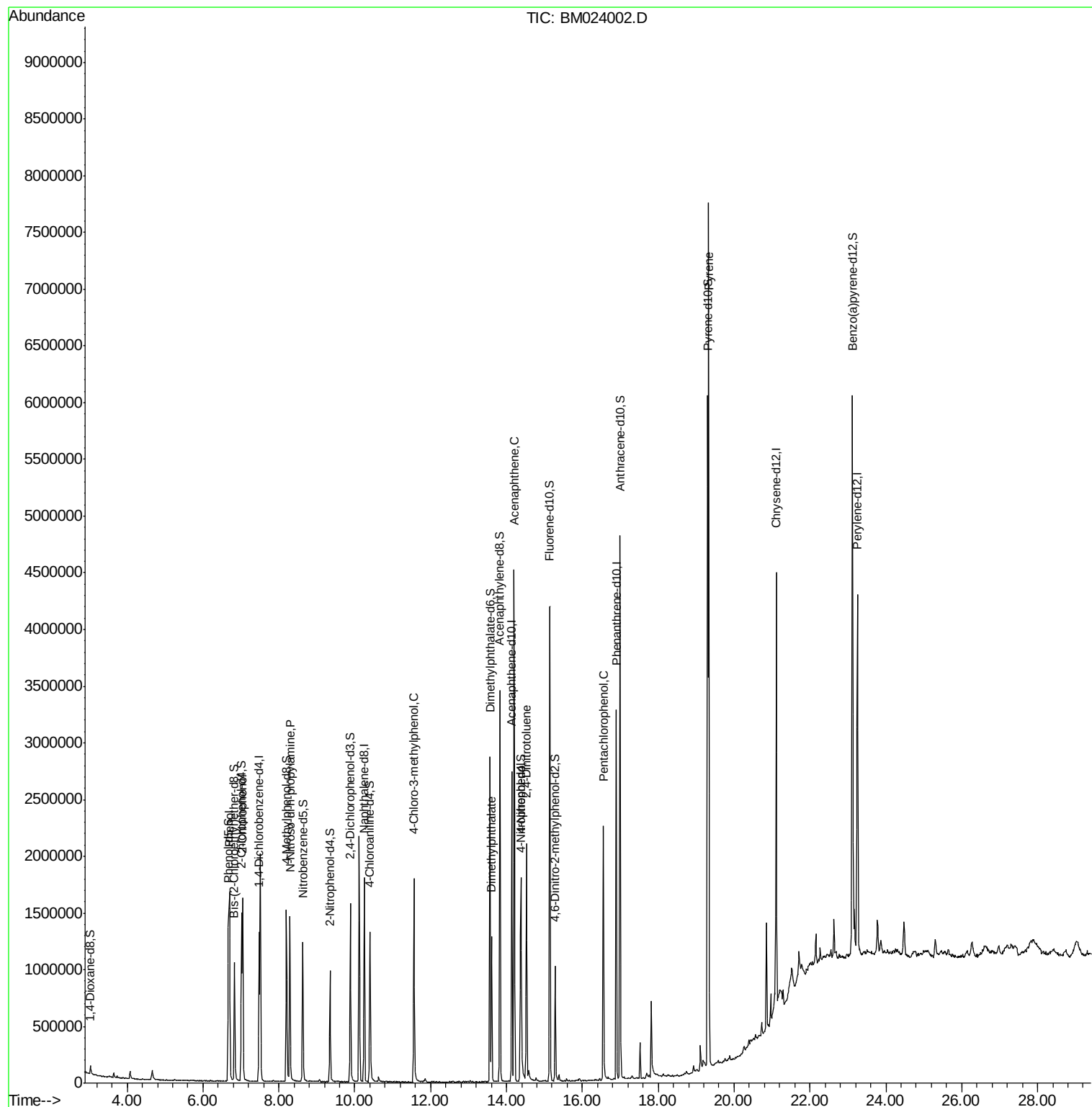
					Ovalue
6) Phenol	6.70	94	991762	30.028	ng/ul 98
10) 2-Chlorophenol	7.05	128	741877	29.217	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.29	70	605773	29.255	ng/ul 96
33) 4-Chloro-3-methylphenol	11.56	107	750983	29.669	ng/ul 99
45) Dimethylphthalate	13.61	163	829162	12.162	ng/ul 99
50) Acenaphthene	14.20	153	1797017	30.644	ng/ul 99
53) 4-Nitrophenol	14.39	109	280411	32.499	ng/ul 95
55) 2,4-Dinitrotoluene	14.53	165	663271	34.185	ng/ul# 83
69) Pentachlorophenol	16.56	266	433905	29.150	ng/ul 96
80) Pyrene	19.33	202	4258600	35.486	ng/ul 99

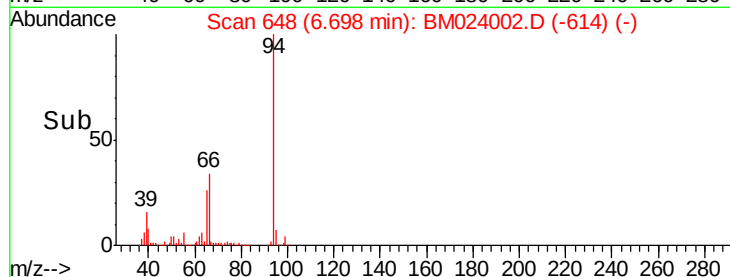
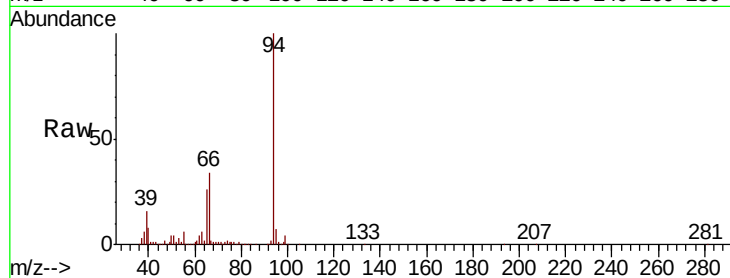
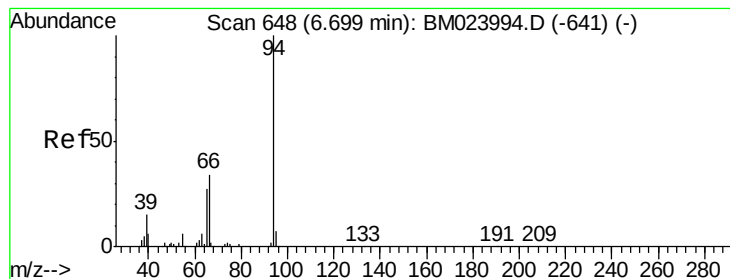
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#6

Phenol

Concen: 30.028 ng/ul

RT: 6.70 min Scan# 648

Delta R.T. -0.00 min

Lab File: BM024002.D

Acq: 04 Dec 2019 15:25

Instrument :

BNA_M

ClientSampleId :

A5167MS

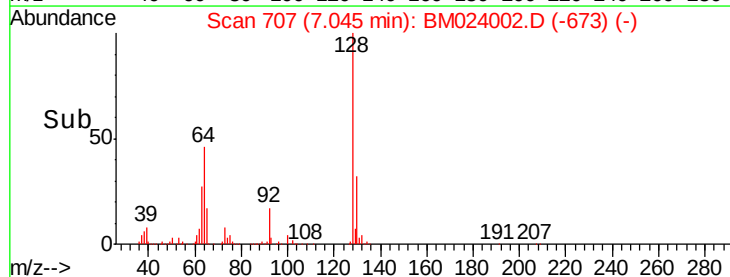
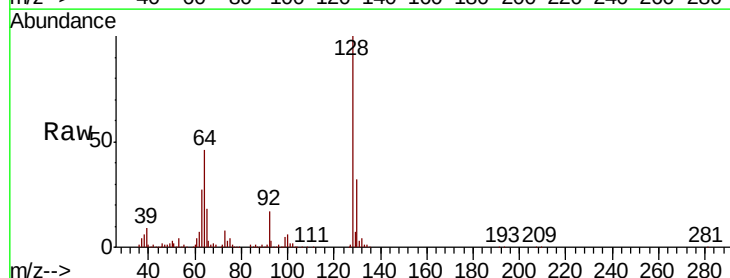
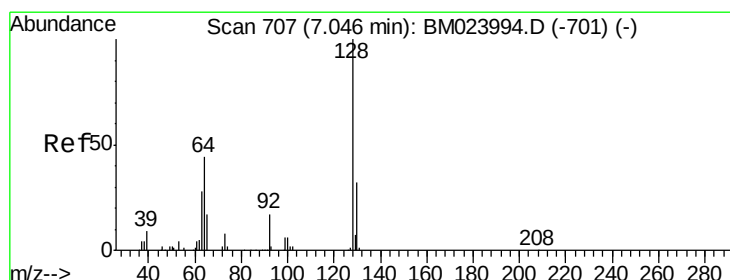
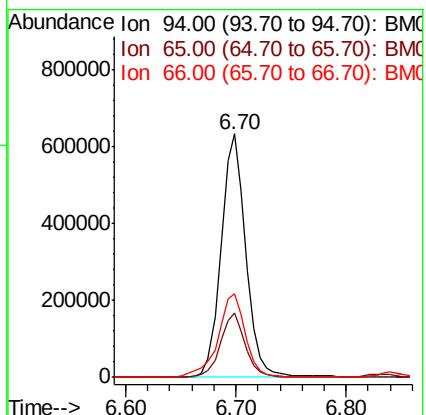
Tot Ion: 94 Resp: 991762

Ion Ratio Lower Upper

94 100

65 26.3 21.7 32.5

66 34.5 28.8 43.2



#10

2-Chlorophenol

Concen: 29.217 ng/ul

RT: 7.05 min Scan# 707

Delta R.T. -0.00 min

Lab File: BM024002.D

Acq: 04 Dec 2019 15:25

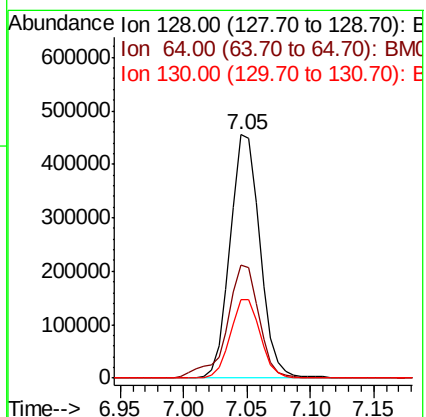
Tgt Ion: 128 Resp: 741877

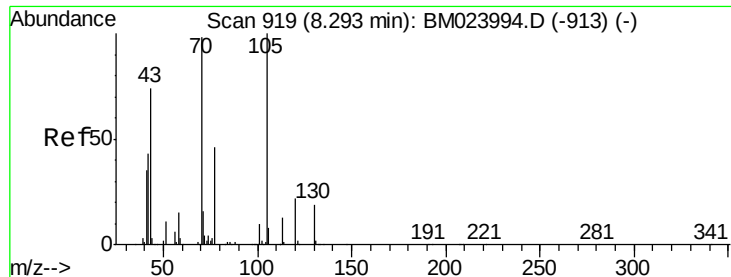
Ion Ratio Lower Upper

128 100

64 46.2 38.2 57.4

130 32.2 25.9 38.9

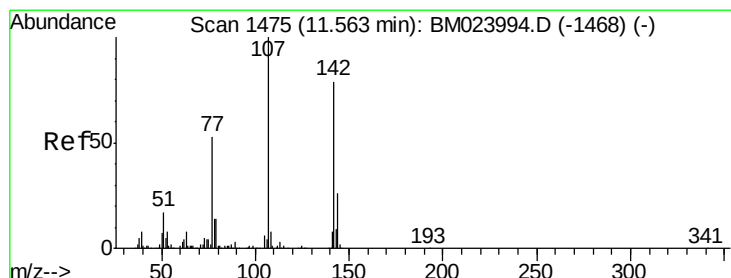
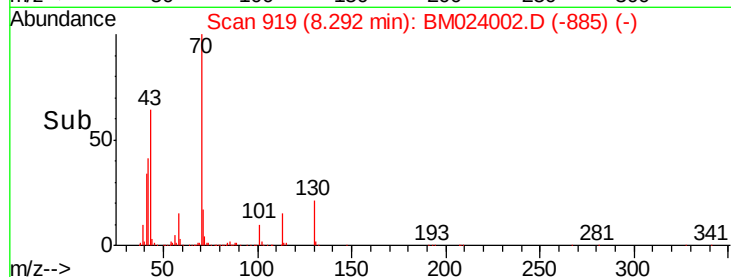
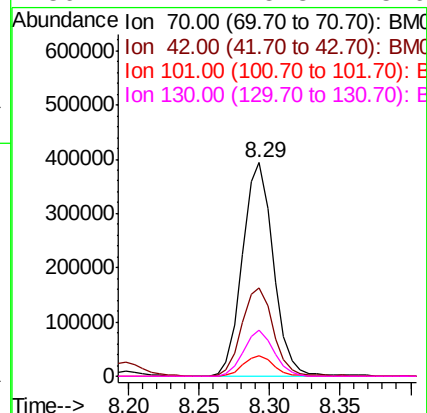
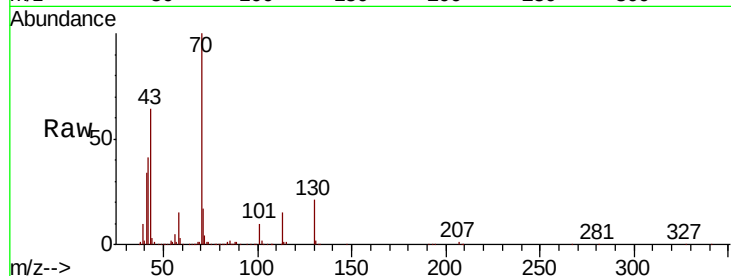




#15
N-Nitroso-di-n-propylamine
Concen: 29.255 ng/ul
RT: 8.29 min Scan# 919
Delta R.T. -0.00 min
Lab File: BM024002.D
Acq: 04 Dec 2019 15:25

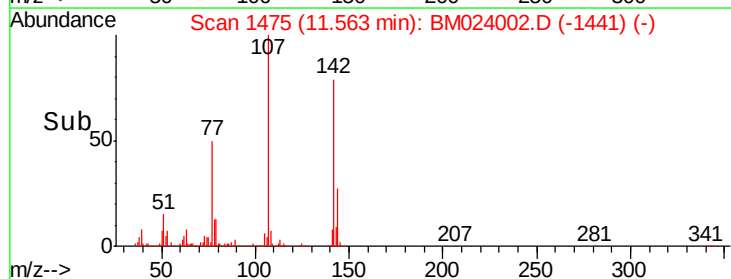
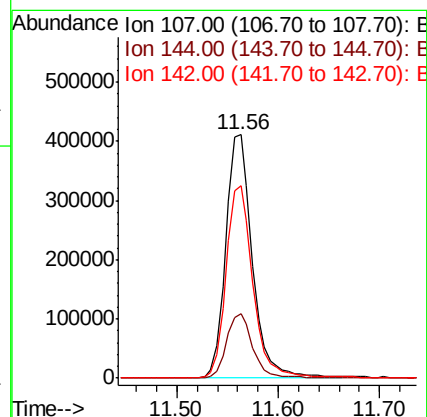
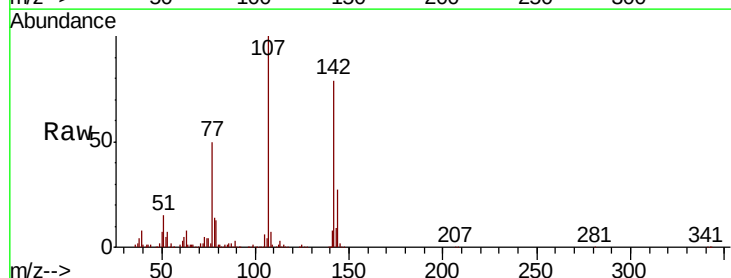
Instrument :
BNA_M
ClientSampleId :
A5167MS

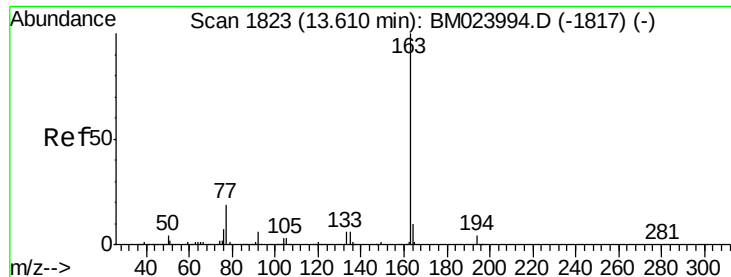
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	41.4	35.8	53.6	
101	9.6	8.0	12.0	
130	21.4	15.8	23.6	



#33
4-Chloro-3-methylphenol
Concen: 29.669 ng/ul
RT: 11.56 min Scan# 1475
Delta R.T. -0.00 min
Lab File: BM024002.D
Acq: 04 Dec 2019 15:25

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	26.7	20.5	30.7	
142	79.2	63.4	95.2	

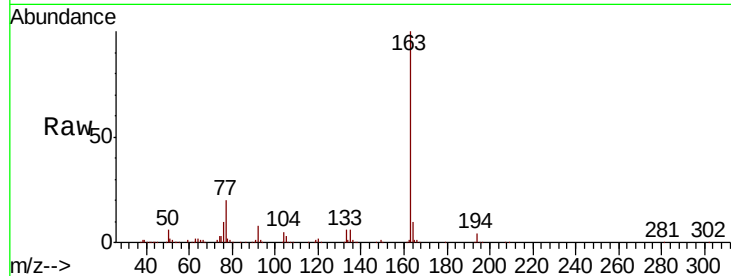




#45
Dimethylphthalate
Concen: 12.162 ng/ul
RT: 13.61 min Scan# 1823
Delta R.T. -0.00 min
Lab File: BM024002.D
Acq: 04 Dec 2019 15:25

Instrument :
BNA_M
ClientSampleId :
A5167MS

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	10.4	7.9	11.9

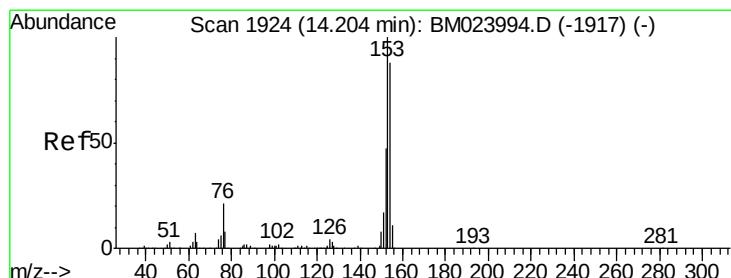
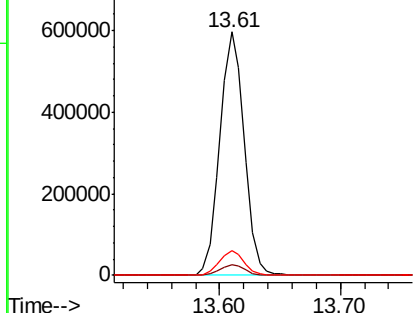
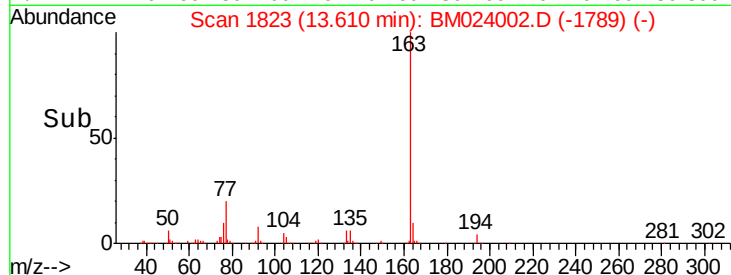


Abundance

Ion 163.00 (162.70 to 163.70): E

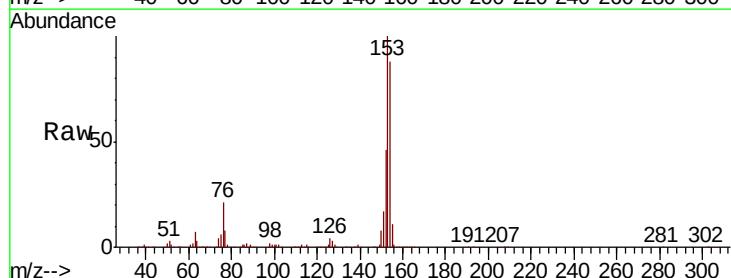
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
Acenaphthene
Concen: 30.644 ng/ul
RT: 14.20 min Scan# 1924
Delta R.T. -0.00 min
Lab File: BM024002.D
Acq: 04 Dec 2019 15:25

Tgt Ion	Ratio	Lower	Upper
153	100		
152	46.0	37.5	56.3
154	88.1	70.7	106.1

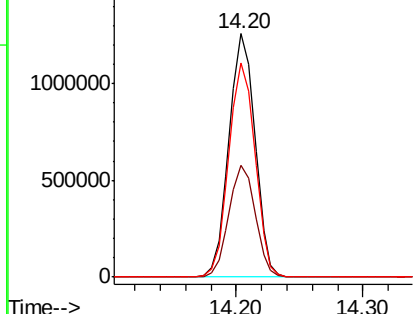
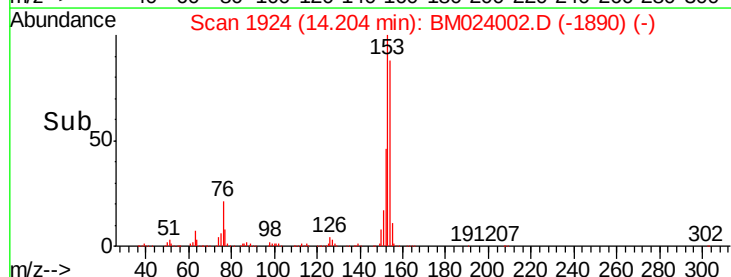


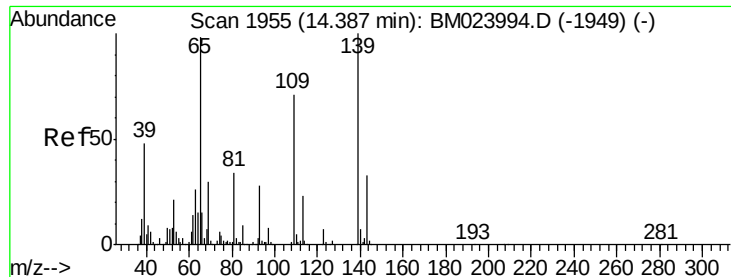
Abundance

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#53

4-Nitrophenol

Concen: 32.499 ng/ul

RT: 14.39 min Scan# 1955

Delta R.T. -0.00 min

Lab File: BM024002.D

Acq: 04 Dec 2019 15:25

Instrument :

BNA_M

ClientSampleId :

A5167MS

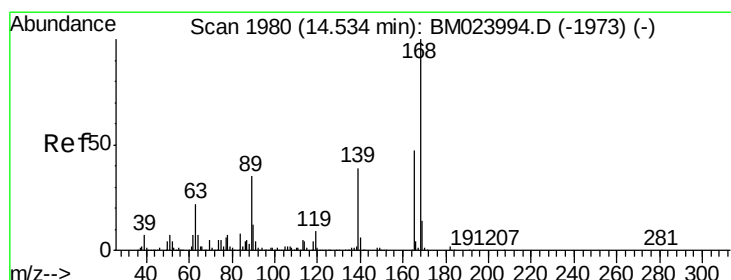
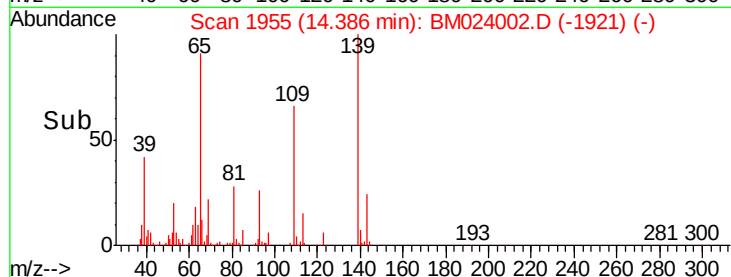
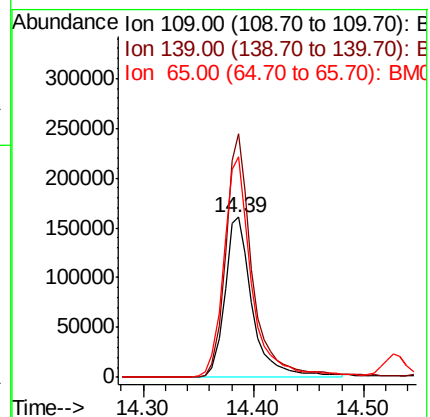
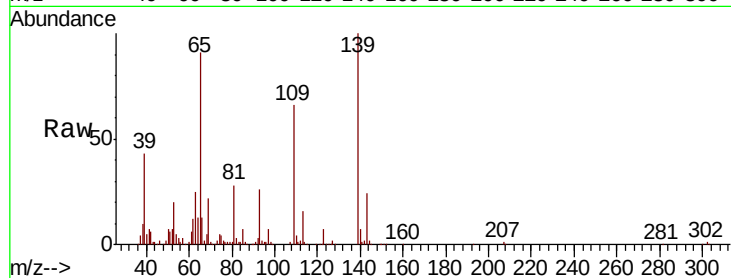
Tot Ion:109 Resp: 280411

Ion Ratio Lower Upper

109 100

139 152.1 112.4 168.6

65 137.7 110.7 166.1



#55

2,4-Dinitrotoluene

Concen: 34.185 ng/ul

RT: 14.53 min Scan# 1980

Delta R.T. -0.00 min

Lab File: BM024002.D

Acq: 04 Dec 2019 15:25

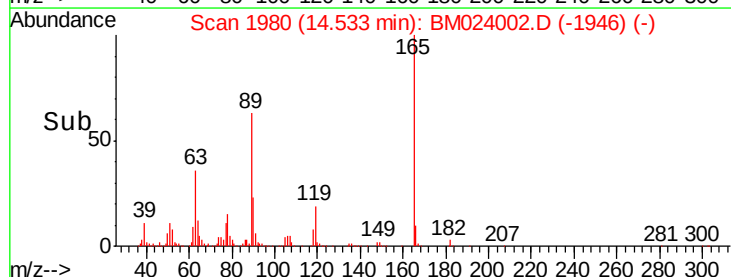
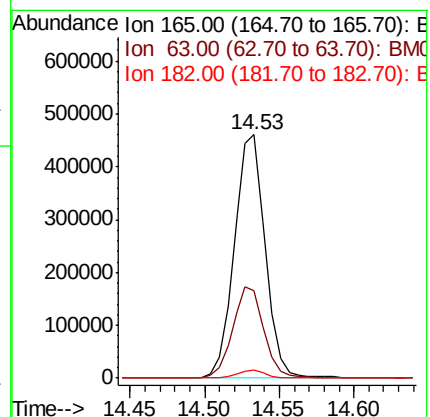
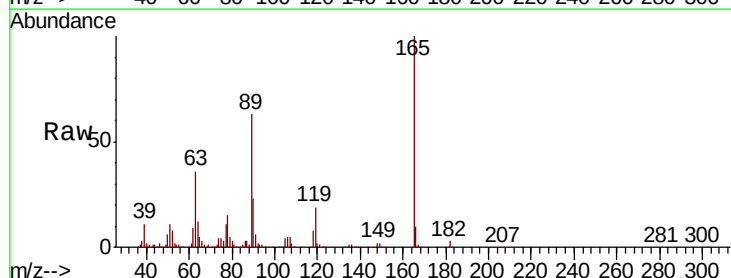
Tgt Ion:165 Resp: 663271

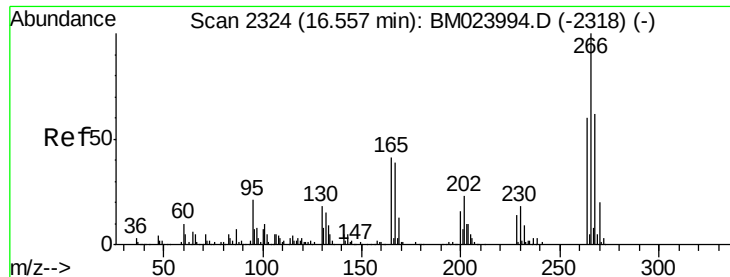
Ion Ratio Lower Upper

165 100

63 35.7 38.6 57.8#

182 3.4 2.6 3.8

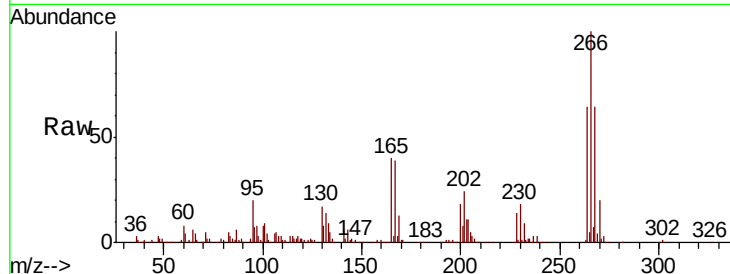




#69
 Pentachlorophenol
 Concen: 29.150 ng/ul
 RT: 16.56 min Scan# 2324
 Delta R.T. -0.00 min
 Lab File: BM024002.D
 Acq: 04 Dec 2019 15:25

Instrument :
 BNA_M
 ClientSampleId :
 A5167MS

Tot Ion	Ratio	Lower	Upper
266	100		
264	63.9	48.2	72.2
268	64.1	49.6	74.4

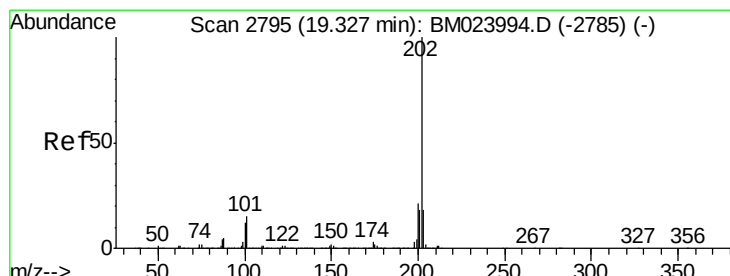
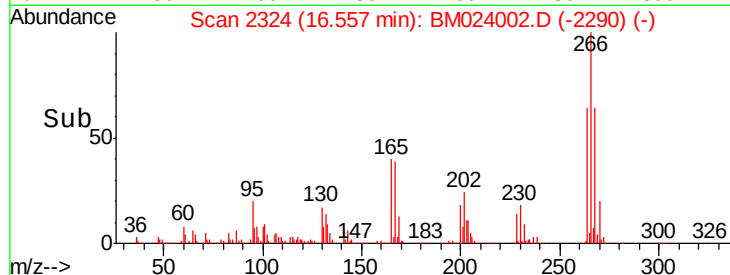
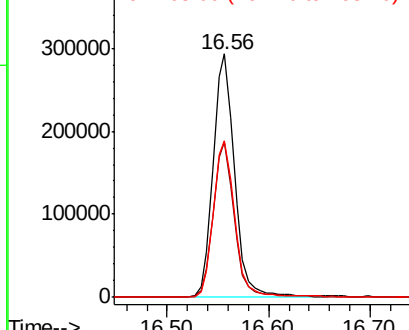


Abundance

Ion 265.70 (265.40 to 266.40): E

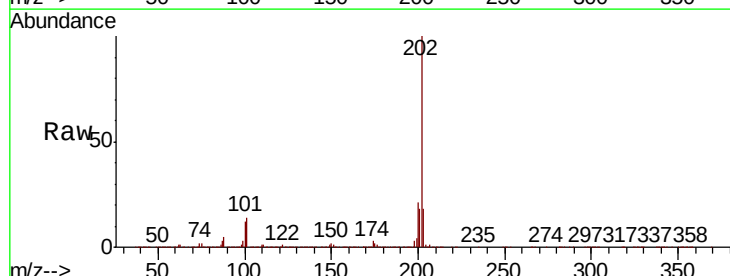
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#80
 Pyrene
 Concen: 35.486 ng/ul
 RT: 19.33 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: BM024002.D
 Acq: 04 Dec 2019 15:25

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.1	11.8	17.6
100	11.7	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

