

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031620\
 Data File : BM025593.D
 Acq On : 16 Mar 2020 22:55
 Operator : CG/JU
 Sample : L1840-08MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 17 01:32:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 17 01:28:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	213686	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	886296	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	555884	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	1185943	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	1174467	20.00	ng/ul	0.00
86) Perylene-d12	23.38	264	1349415	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	23372	4.59	ng/uL	0.00
5) Phenol-d5	6.82	99	107320	6.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	265922	27.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	319640	23.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	200514	14.47	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	194501	29.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	211263	30.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	374687	26.16	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	40007	2.41	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	1303613	30.86	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	1505795	29.75	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	53409	6.64	ng/ul	0.00
58) Fluorene-d10	15.27	176	1124321	30.32	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	204495	28.26	ng/ul	0.00
71) Anthracene-d10	17.11	188	1889587	34.11	ng/ul	0.00
79) Pyrene-d10	19.41	212	2280518	40.43	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.24	264	2736903	39.62	ng/ul	0.00

Target Compounds

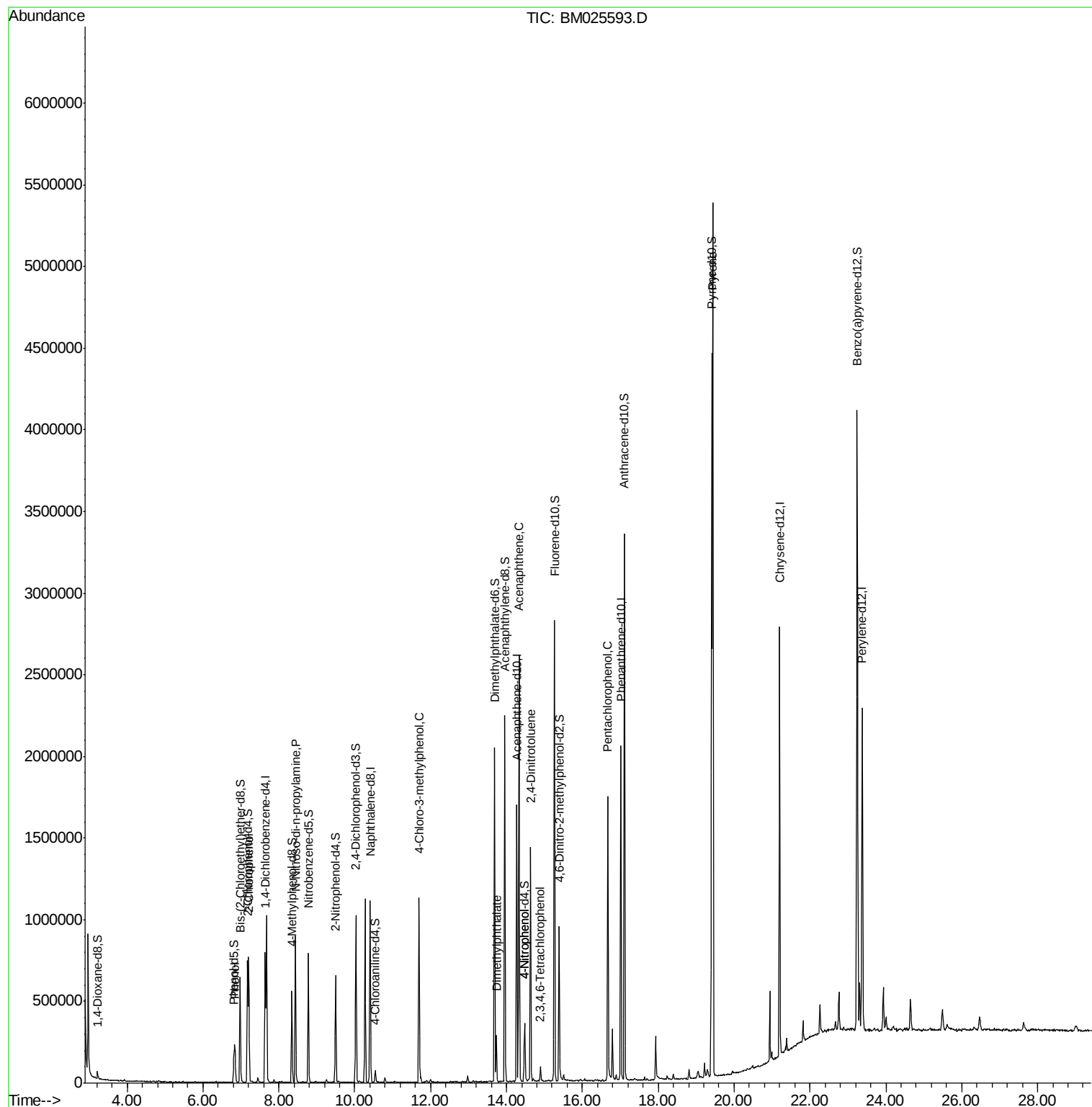
				Ovalue	
6) Phenol	6.85	94	121167	6.880	ng/ul 99
10) 2-Chlorophenol	7.21	128	330212	22.918	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.44	70	299699	27.989	ng/ul 97
33) 4-Chloro-3-methylphenol	11.69	107	367640	24.890	ng/ul 99
45) Dimethylphthalate	13.73	163	177824	4.044	ng/ul 99
50) Acenaphthene	14.33	153	1023701	27.470	ng/ul 98
53) 4-Nitrophenol	14.49	109	45284	7.202	ng/ul 99
55) 2,4-Dinitrotoluene	14.63	165	400598	31.678	ng/ul 93
56) 2,3,4,6-Tetrachlorophenol	14.90	232	16178	1.467	ng/ul# 97
69) Pentachlorophenol	16.67	266	322283	30.729	ng/ul 99
80) Pyrene	19.44	202	2950492	37.406	ng/ul 99

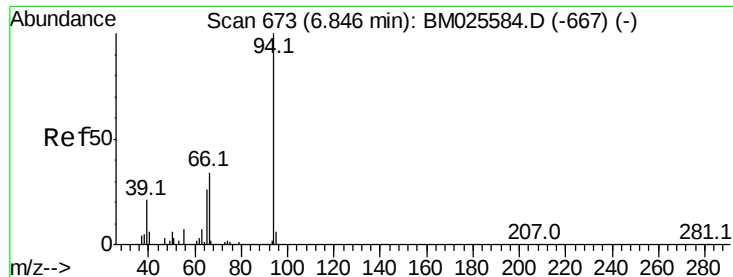
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#6

Phenol

Concen: 6.880 ng/ul

RT: 6.85 min Scan# 673

Delta R.T. -0.00 min

Lab File: BM025593.D

Acq: 16 Mar 2020 22:55

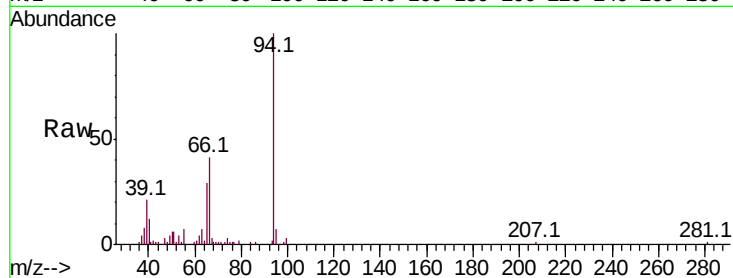
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 94 Resp: 121167

Ion	Ratio	Lower	Upper
94	100		
65	29.3	23.8	35.6
66	40.8	32.4	48.6

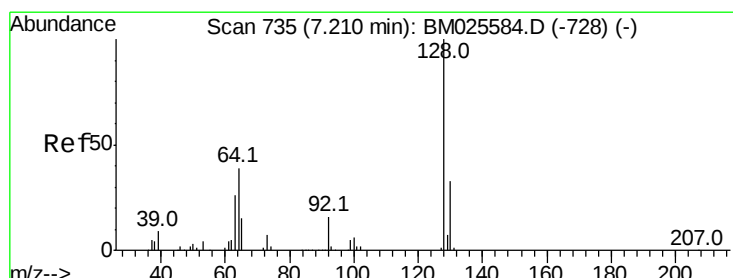
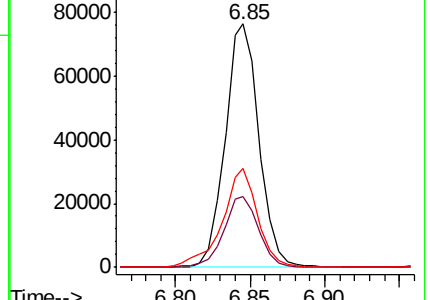
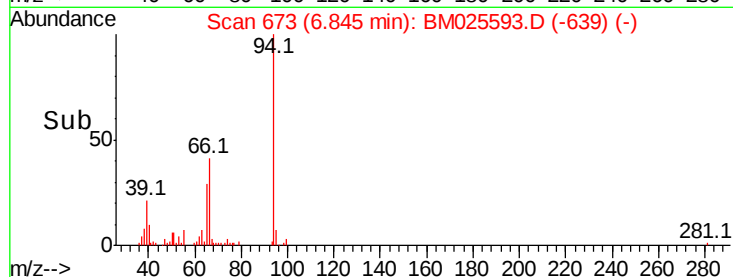


Abundance

Ion 94.00 (93.70 to 94.70): BM0

Ion 65.00 (64.70 to 65.70): BM0

Ion 66.00 (65.70 to 66.70): BM0



#10

2-Chlorophenol

Concen: 22.918 ng/ul

RT: 7.21 min Scan# 735

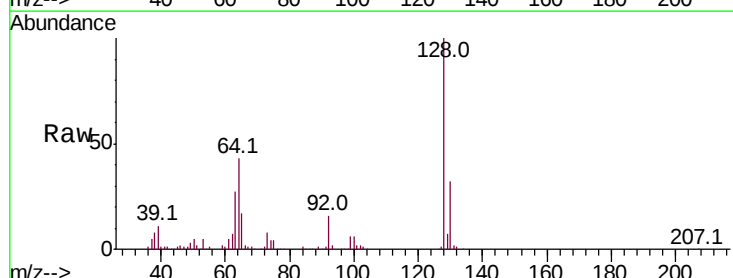
Delta R.T. -0.00 min

Lab File: BM025593.D

Acq: 16 Mar 2020 22:55

Tgt Ion: 128 Resp: 330212

Ion	Ratio	Lower	Upper
128	100		
64	43.3	34.6	51.8
130	32.3	27.1	40.7

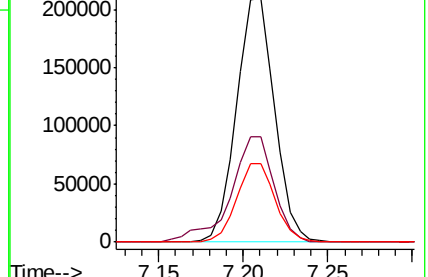
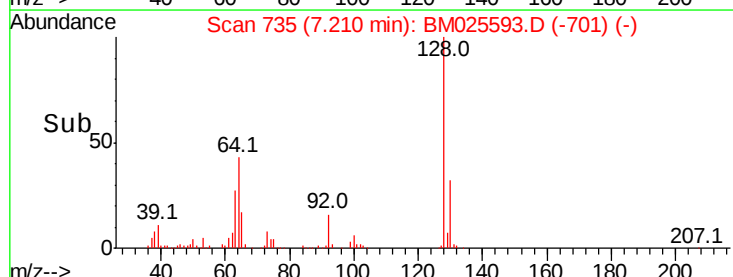


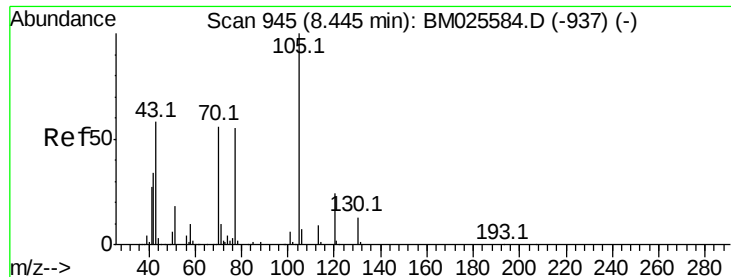
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 130.00 (129.70 to 130.70): E





#15

N-Nitroso-di-n-propylamine

Concen: 27.989 ng/ul

RT: 8.44 min Scan# 944

Delta R.T. -0.01 min

Lab File: BM025593.D

Acq: 16 Mar 2020 22:55

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 299699

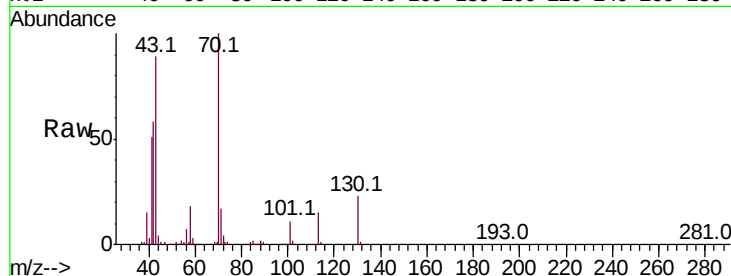
Ion Ratio Lower Upper

70 100

42 58.5 48.2 72.2

101 10.5 7.6 11.4

130 23.2 19.8 29.6

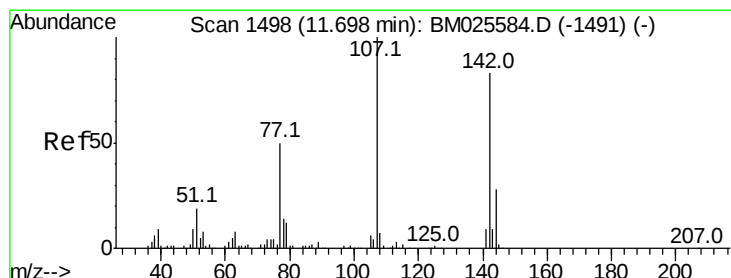
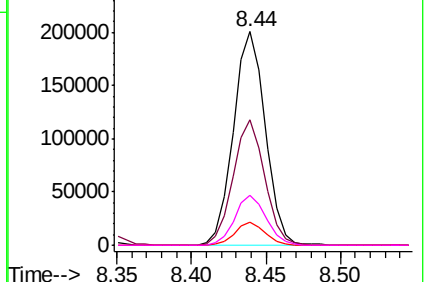
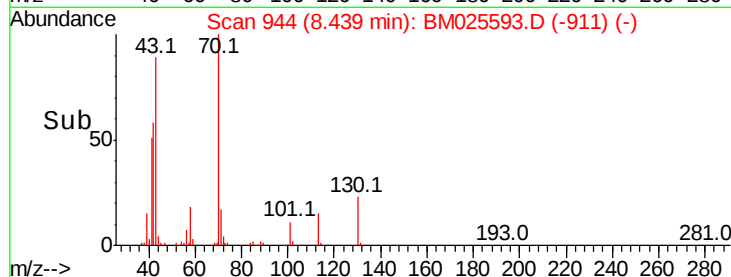


Abundance Ion 70.00 (69.70 to 70.70): BM025584.D (-937) (-)

Ion 42.00 (41.70 to 42.70): BM025584.D (-937) (-)

Ion 101.00 (100.70 to 101.70): BM025584.D (-937) (-)

Ion 130.00 (129.70 to 130.70): BM025584.D (-937) (-)



#33

4-Chloro-3-methylphenol

Concen: 24.890 ng/ul

RT: 11.69 min Scan# 1497

Delta R.T. -0.01 min

Lab File: BM025593.D

Acq: 16 Mar 2020 22:55

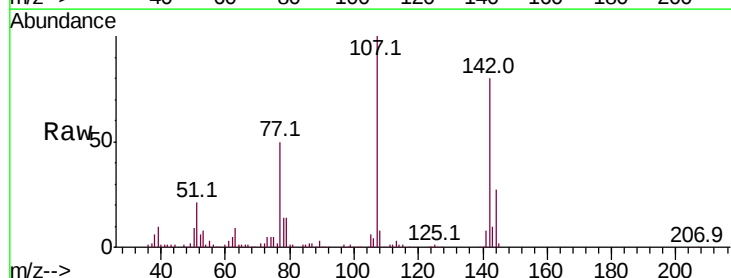
Tgt Ion: 107 Resp: 367640

Ion Ratio Lower Upper

107 100

144 26.7 21.7 32.5

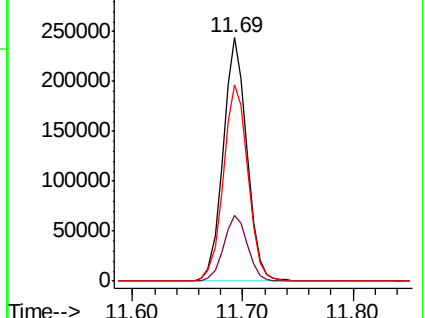
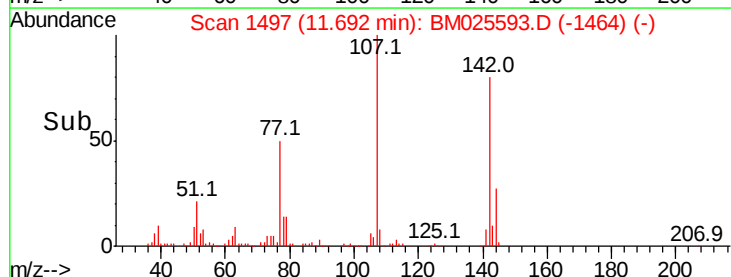
142 80.5 65.0 97.6

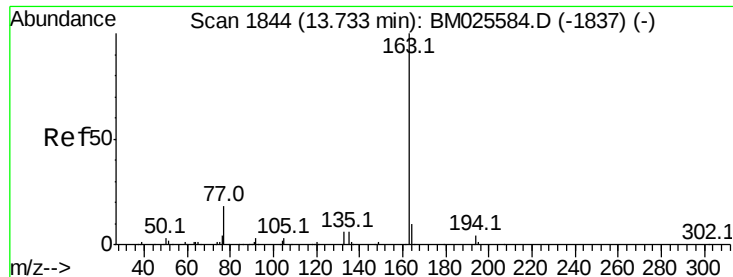


Abundance Ion 107.00 (106.70 to 107.70): BM025584.D (-1491) (-)

Ion 144.00 (143.70 to 144.70): BM025584.D (-1491) (-)

Ion 142.00 (141.70 to 142.70): BM025584.D (-1491) (-)

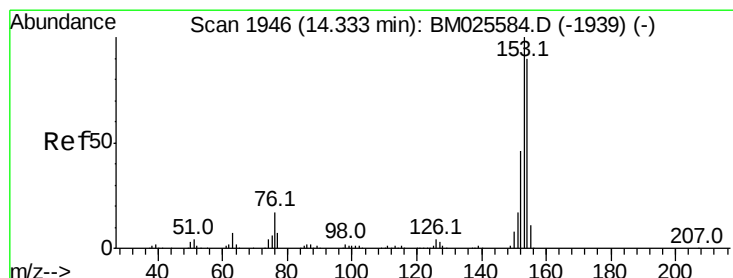
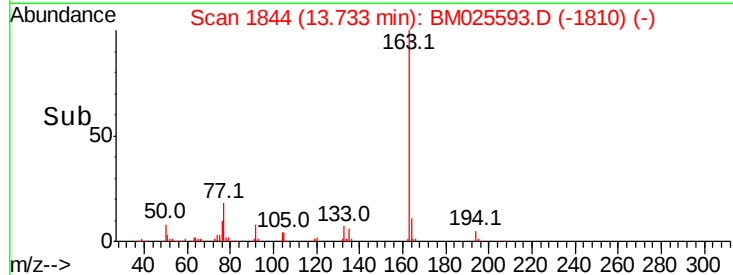
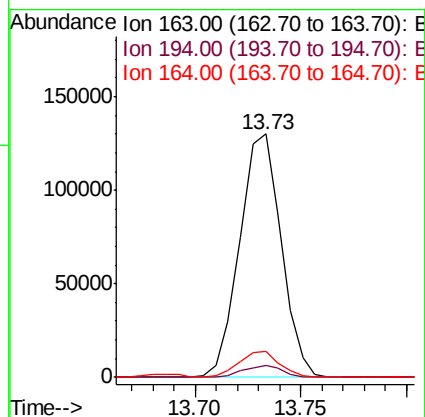
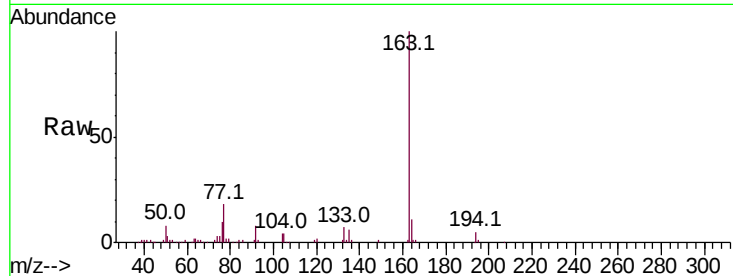




#45
Dimethylphthalate
Concen: 4.044 ng/ul
RT: 13.73 min Scan# 1844
Delta R.T. -0.00 min
Lab File: BM025593.D
Acq: 16 Mar 2020 22:55

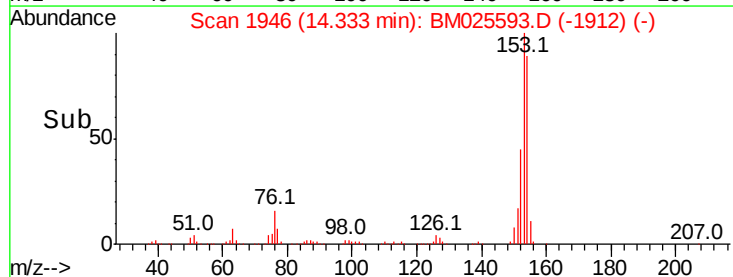
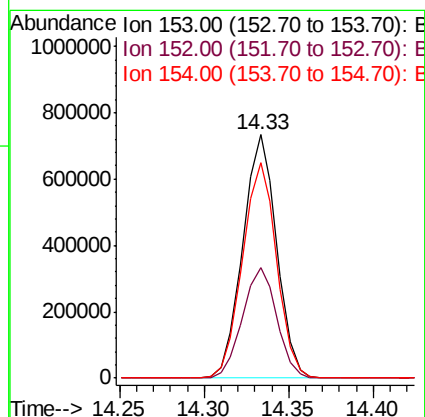
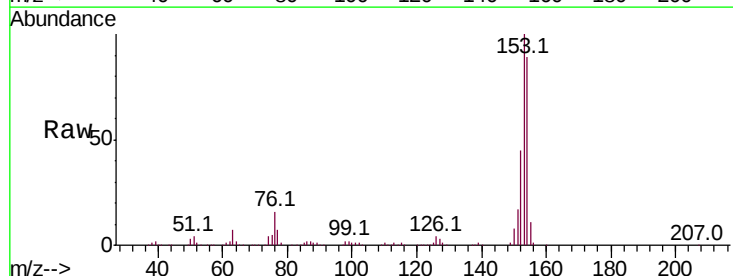
Instrument :
BNA_M
ClientSampleId :

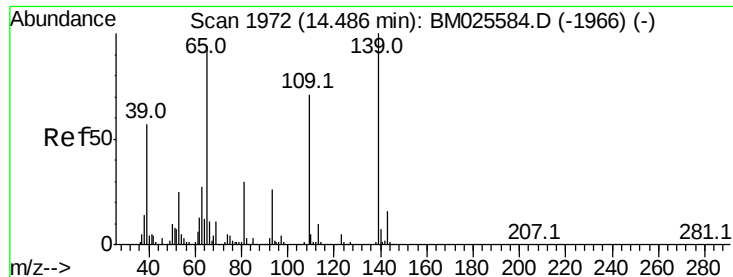
Tot Ion:163 Resp: 177824
Ion Ratio Lower Upper
163 100
194 4.8 3.5 5.3
164 10.7 8.2 12.4



#50
Acenaphthene
Concen: 27.470 ng/ul
RT: 14.33 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BM025593.D
Acq: 16 Mar 2020 22:55

Tgt Ion:153 Resp: 1023701
Ion Ratio Lower Upper
153 100
152 45.5 37.6 56.4
154 88.7 72.2 108.2





#53

4-Nitrophenol

Concen: 7.202 ng/ul

RT: 14.49 min Scan# 1972

Delta R.T. -0.00 min

Lab File: BM025593.D

Acq: 16 Mar 2020 22:55

Instrument :

BNA_M

ClientSampled :

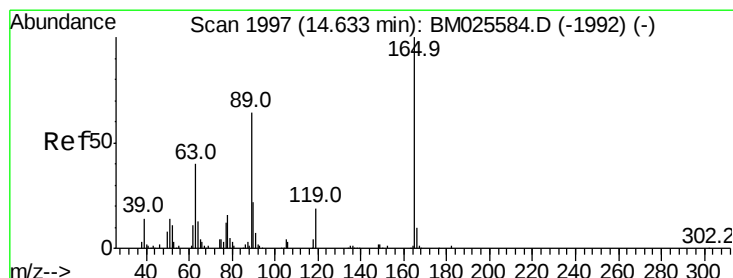
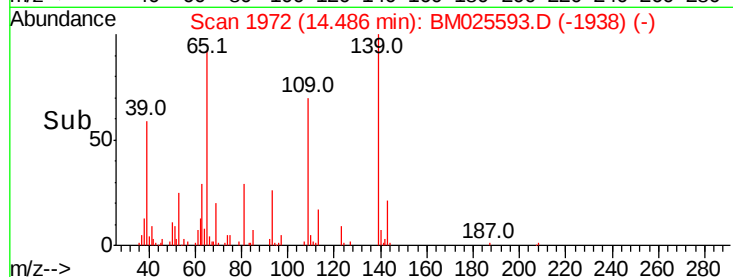
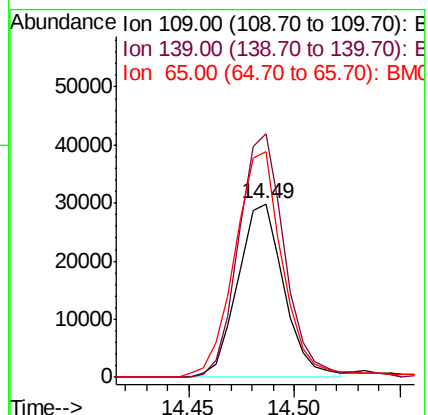
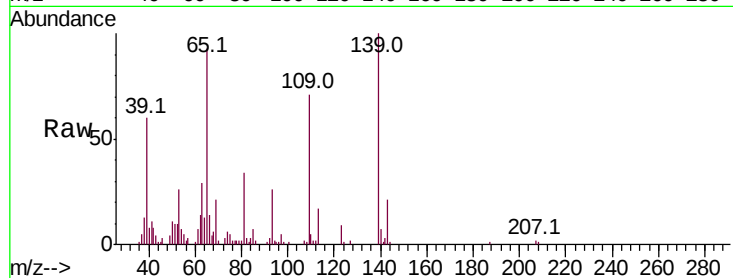
Tot Ion:109 Resp: 45284

Ion Ratio Lower Upper

109 100

139 140.4 111.0 166.4

65 130.1 105.1 157.7



#55

2,4-Dinitrotoluene

Concen: 31.678 ng/ul

RT: 14.63 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BM025593.D

Acq: 16 Mar 2020 22:55

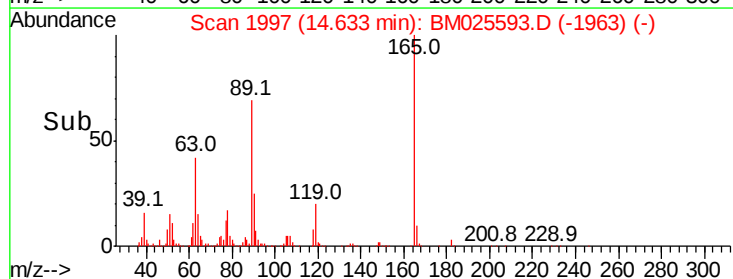
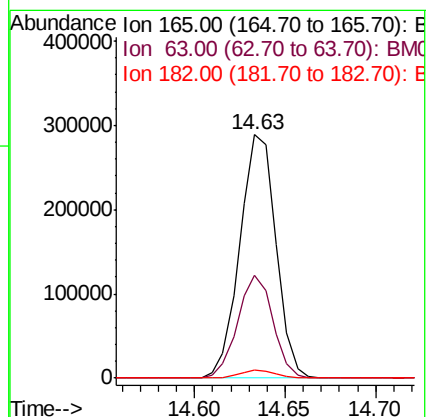
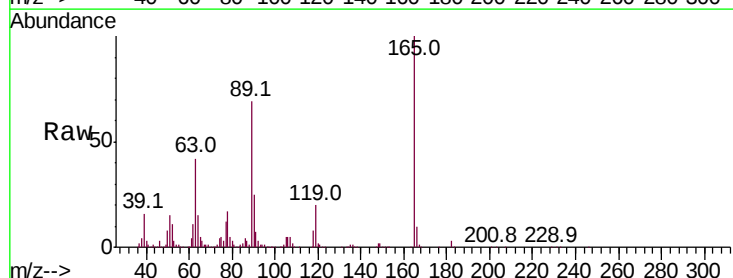
Tgt Ion:165 Resp: 400598

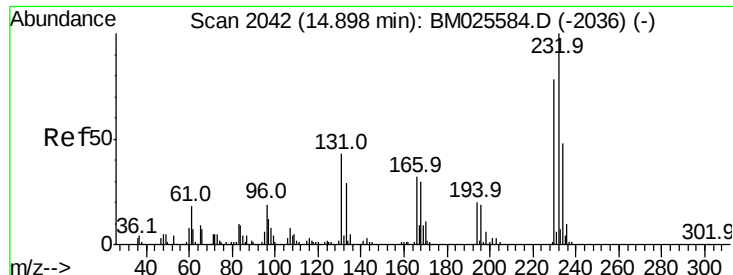
Ion Ratio Lower Upper

165 100

63 42.1 30.2 45.2

182 3.5 2.6 3.8

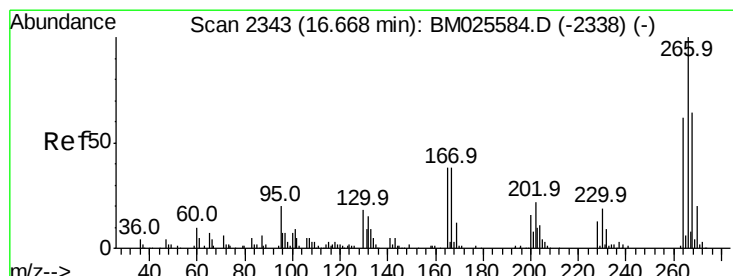
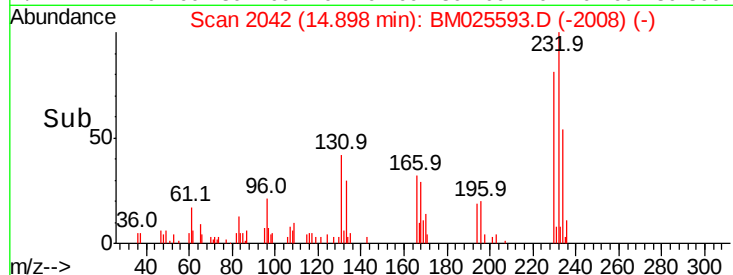
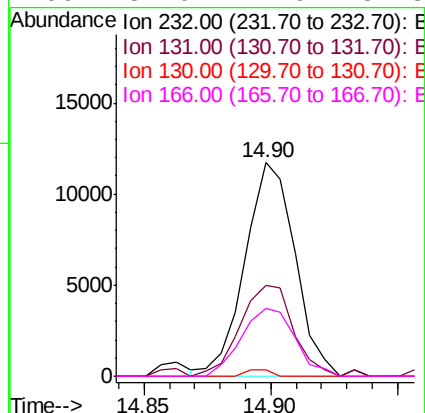
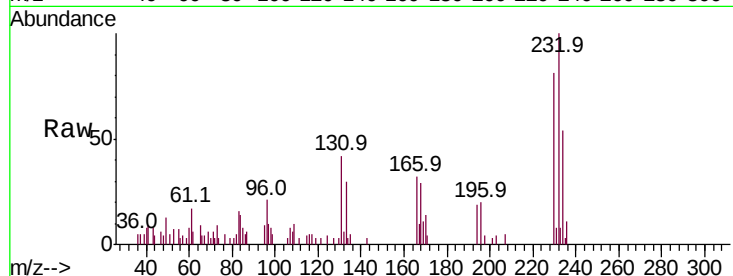




#56
 2,3,4,6-Tetrachlorophenol
 Concen: 1.467 ng/ul
 RT: 14.90 min Scan# 2042
 Delta R.T. -0.00 min
 Lab File: BM025593.D
 Acq: 16 Mar 2020 22:55

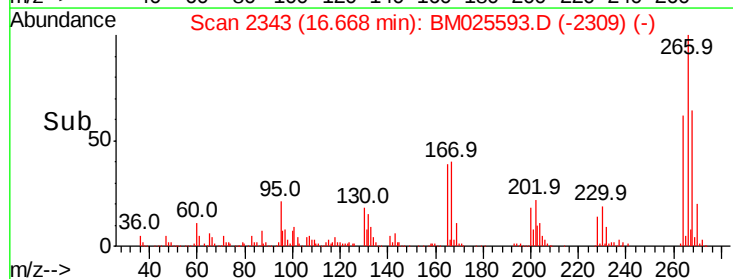
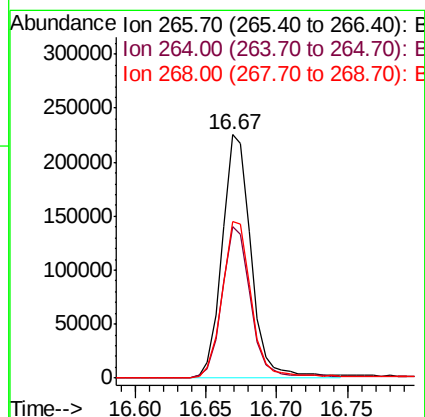
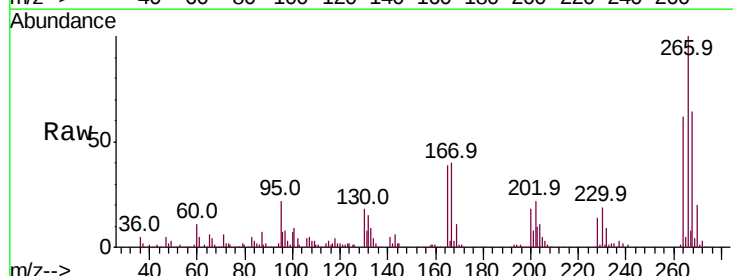
Instrument :
 BNA_M
 ClientSampleId :

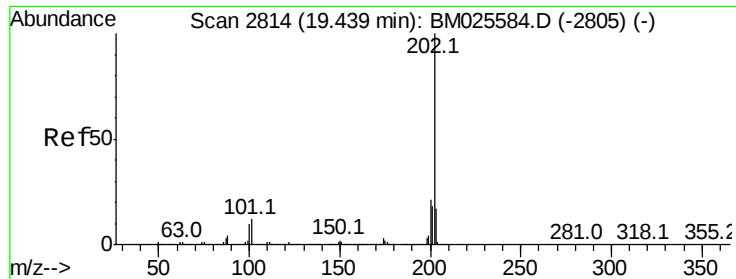
Tot Ion:	232	Resp:	16178
Ion	Ratio	Lower	Upper
232	100		
131	42.3	33.8	50.6
130	2.9	1.9	2.9#
166	32.0	22.9	34.3



#69
 Pentachlorophenol
 Concen: 30.729 ng/ul
 RT: 16.67 min Scan# 2343
 Delta R.T. -0.00 min
 Lab File: BM025593.D
 Acq: 16 Mar 2020 22:55

Tgt Ion:	266	Resp:	322283
Ion	Ratio	Lower	Upper
266	100		
264	62.0	50.1	75.1
268	64.2	50.9	76.3





#80
 Pvrene
 Concen: 37.406 ng/ul
 RT: 19.44 min Scan# 2814
 Delta R.T. -0.00 min
 Lab File: BM025593.D
 Acq: 16 Mar 2020 22:55

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:202 Resp: 2950492

Ion	Ratio	Lower	Upper
202	100		
101	11.4	8.9	13.3
100	9.8	7.5	11.3

