

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031620\
 Data File : BM025594.D
 Acq On : 16 Mar 2020 23:31
 Operator : CG/JU
 Sample : L1840-09MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 17 01:32:33 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	204443	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	877682	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	562193	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	1196295	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	1206155	20.00	ng/ul	0.00
86) Perylene-d12	23.38	264	1401455	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	21012	4.31	ng/uL	0.00
5) Phenol-d5	6.82	99	118759	7.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	304913	33.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	358114	27.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	234632	17.70	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	226263	34.69	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	250580	36.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	442423	31.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	35509	2.16	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	1635814	38.29	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	1859973	36.33	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	60296	7.41	ng/ul	0.00
58) Fluorene-d10	15.27	176	1402322	37.39	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	236652	32.42	ng/ul	0.00
71) Anthracene-d10	17.11	188	2202800	39.42	ng/ul	0.00
79) Pyrene-d10	19.41	212	2496782	43.10	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.24	264	3017759	42.06	ng/ul	0.00

Target Compounds

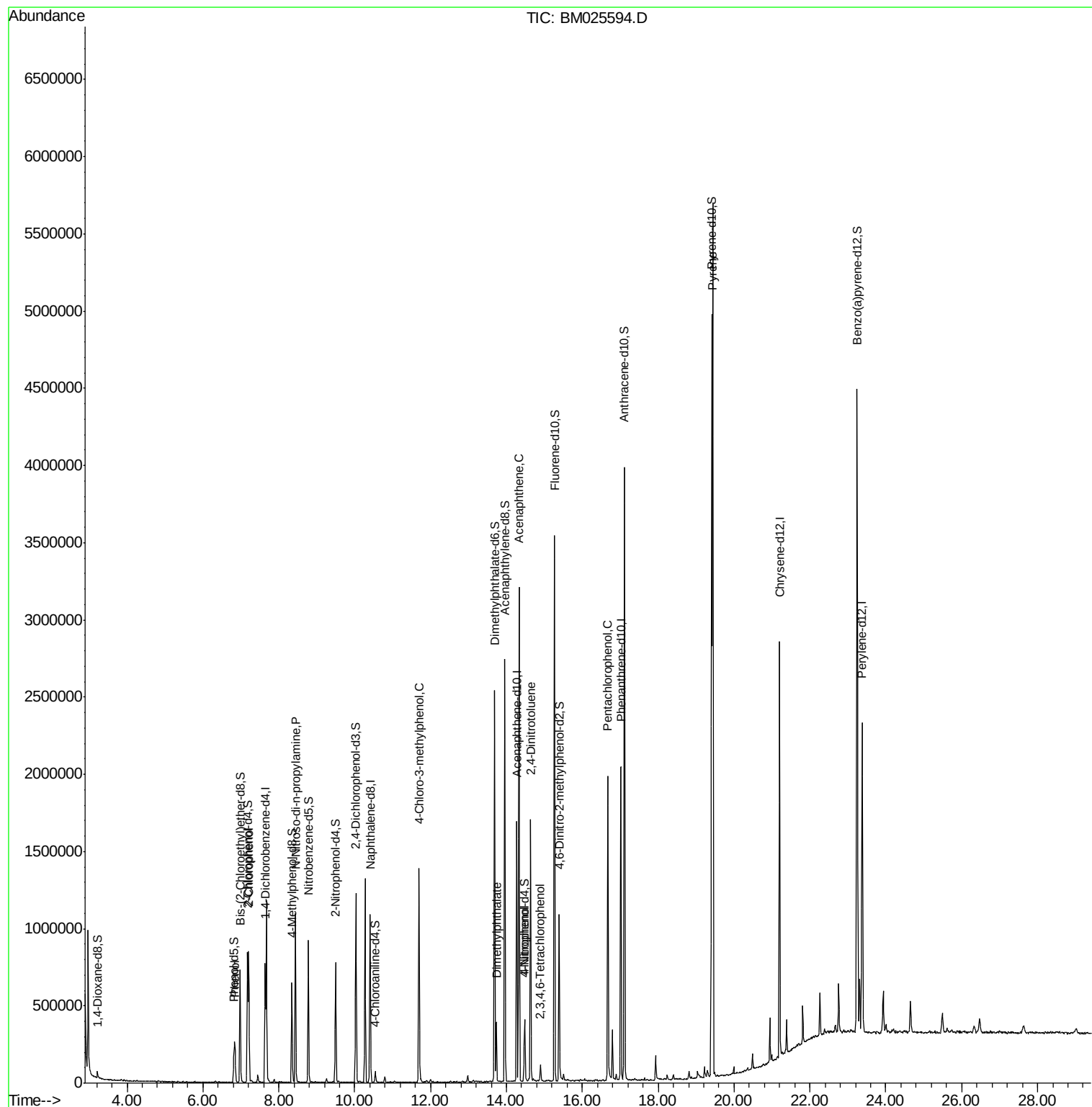
					Ovalue
6) Phenol	6.85	94	134811	8.001	ng/ul 97
10) 2-Chlorophenol	7.21	128	367176	26.636	ng/ul 97
15) N-Nitroso-di-n-propylamine	8.44	70	359132	35.055	ng/ul 96
33) 4-Chloro-3-methylphenol	11.69	107	455817	31.162	ng/ul 98
45) Dimethylphthalate	13.73	163	243620	5.478	ng/ul 100
50) Acenaphthene	14.33	153	1259010	33.405	ng/ul 98
53) 4-Nitrophenol	14.49	109	49864	7.842	ng/ul 90
55) 2,4-Dinitrotoluene	14.63	165	478341	37.401	ng/ul 94
56) 2,3,4,6-Tetrachlorophenol	14.90	232	18877	1.693	ng/ul 95
69) Pentachlorophenol	16.67	266	368757	34.856	ng/ul 99
80) Pyrene	19.44	202	3230444	39.879	ng/ul 99

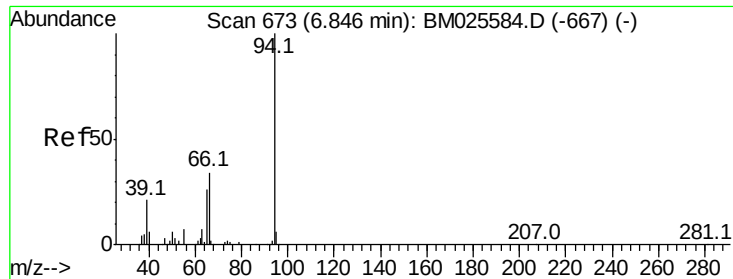
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 17 01:28:03 2020
Response via : Initial Calibration





#6

Phenol

Concen: 8.001 ng/ul

RT: 6.85 min Scan# 673

Delta R.T. 0.00 min

Lab File: BM025594.D

Acq: 16 Mar 2020 23:31

Instrument :

BNA_M

ClientSampled :

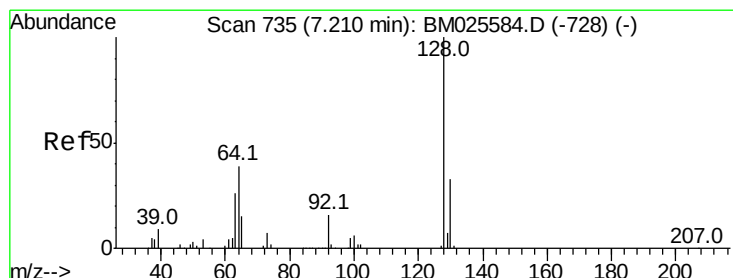
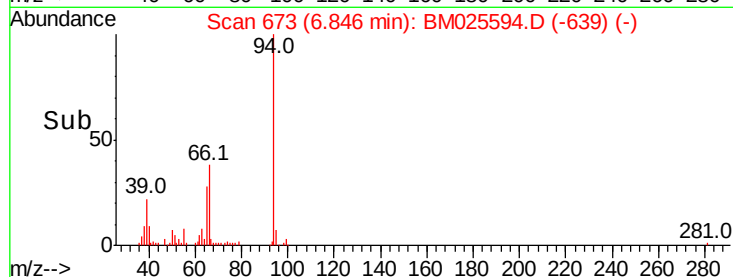
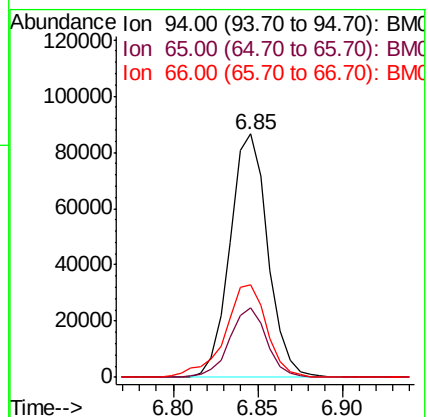
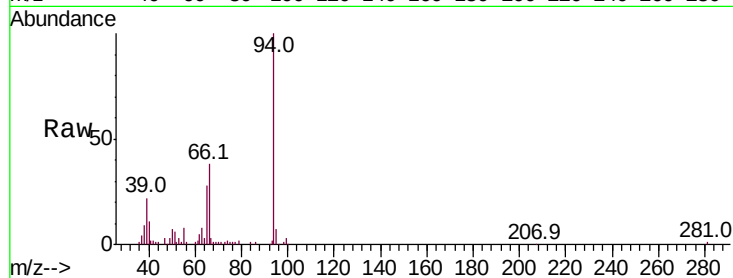
Tot Ion: 94 Resp: 134811

Ion Ratio Lower Upper

94 100

65 28.3 23.8 35.6

66 38.0 32.4 48.6



#10

2-Chlorophenol

Concen: 26.636 ng/ul

RT: 7.21 min Scan# 735

Delta R.T. 0.00 min

Lab File: BM025594.D

Acq: 16 Mar 2020 23:31

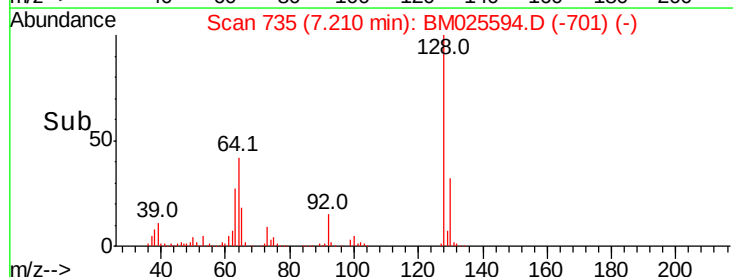
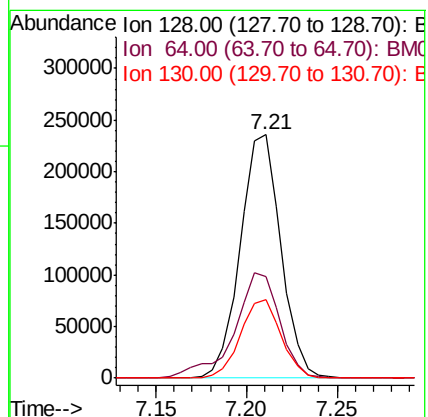
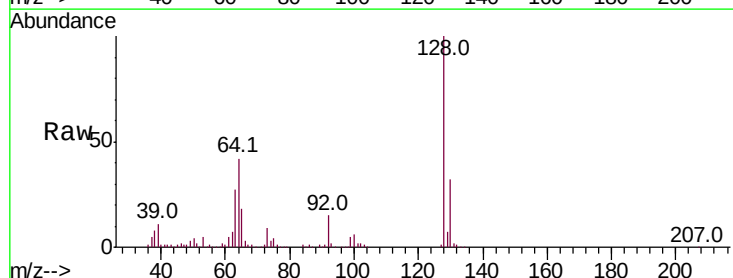
Tgt Ion:128 Resp: 367176

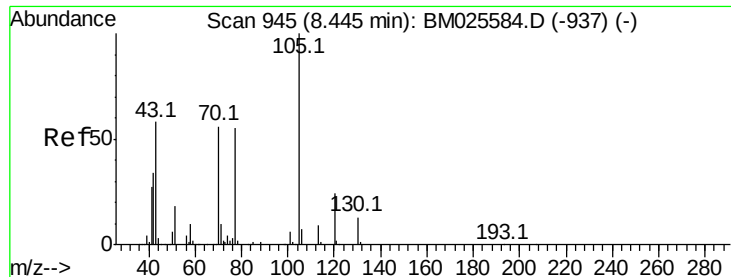
Ion Ratio Lower Upper

128 100

64 41.6 34.6 51.8

130 32.2 27.1 40.7





#15

N-Nitroso-di-n-propylamine

Concen: 35.055 ng/ul

RT: 8.44 min Scan# 944

Delta R.T. -0.01 min

Lab File: BM025594.D

Acq: 16 Mar 2020 23:31

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 359132

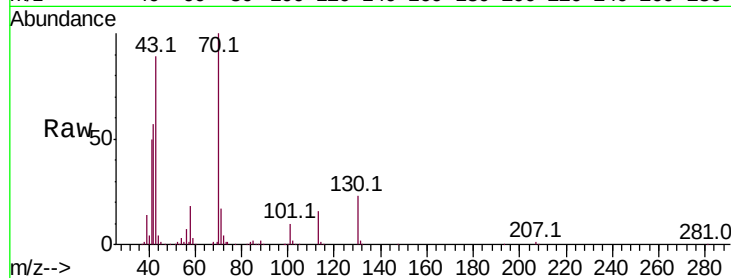
Ion Ratio Lower Upper

70 100

42 56.7 48.2 72.2

101 10.1 7.6 11.4

130 23.3 19.8 29.6

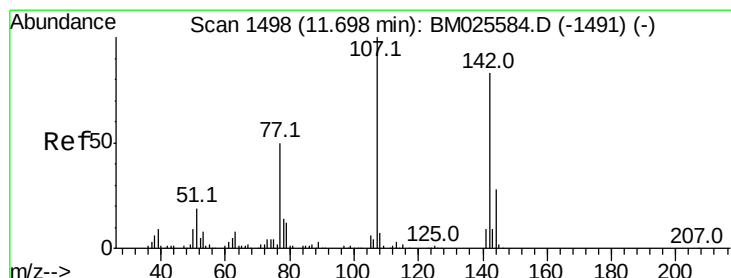
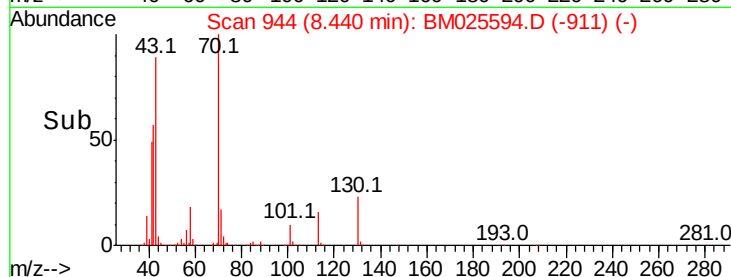
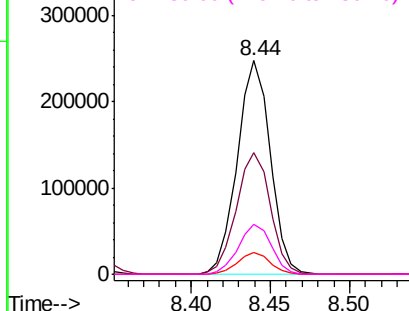


Abundance Ion 70.00 (69.70 to 70.70): BM025584.D (-937) (-)

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: 31.162 ng/ul

RT: 11.69 min Scan# 1497

Delta R.T. -0.01 min

Lab File: BM025594.D

Acq: 16 Mar 2020 23:31

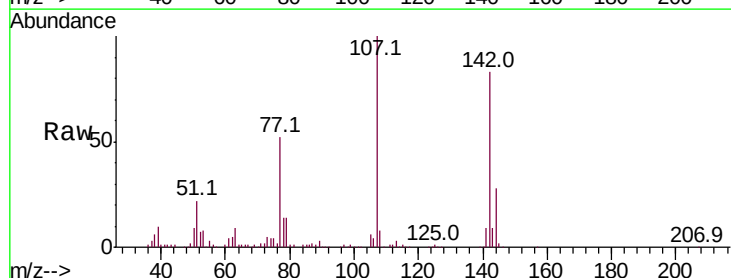
Tgt Ion: 107 Resp: 455817

Ion Ratio Lower Upper

107 100

144 28.3 21.7 32.5

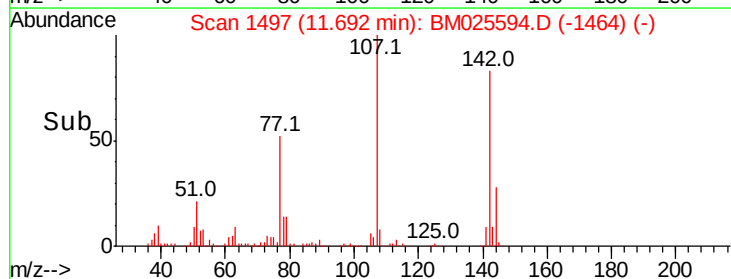
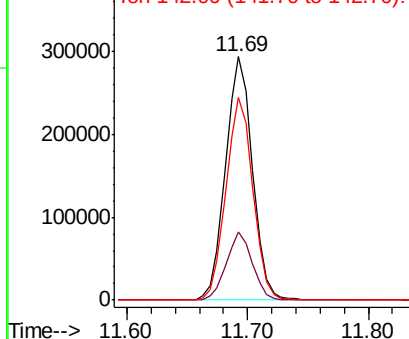
142 83.1 65.0 97.6

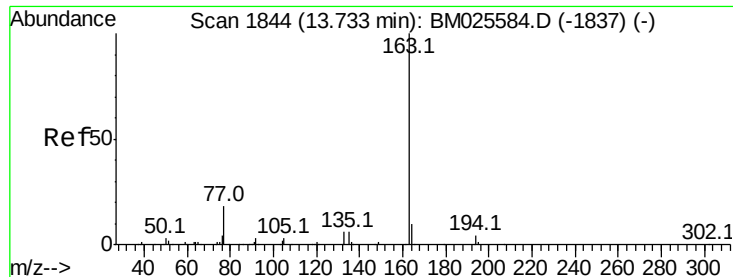


Abundance Ion 107.00 (106.70 to 107.70): BM025584.D (-1491) (-)

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

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

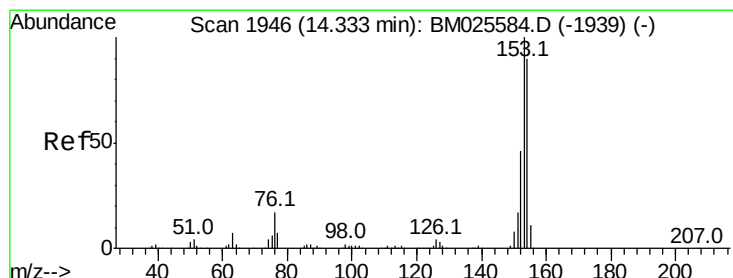
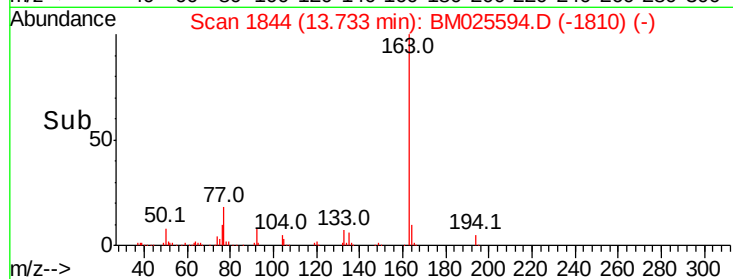
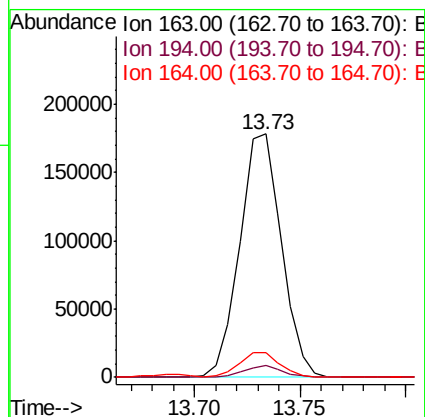
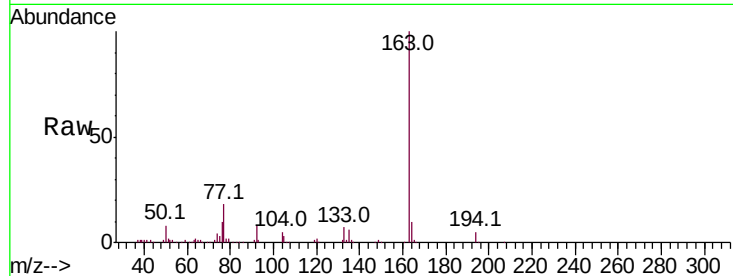




#45
Dimethylphthalate
Concen: 5.478 ng/ul
RT: 13.73 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BM025594.D
Acq: 16 Mar 2020 23:31

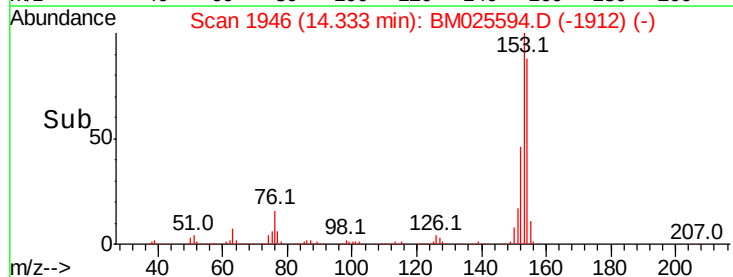
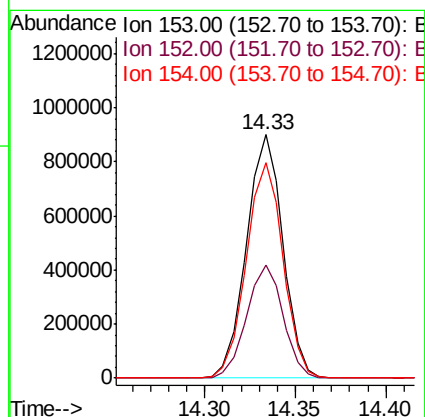
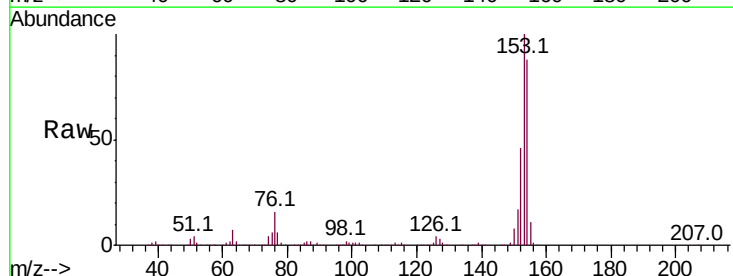
Instrument :
BNA_M
ClientSampled :

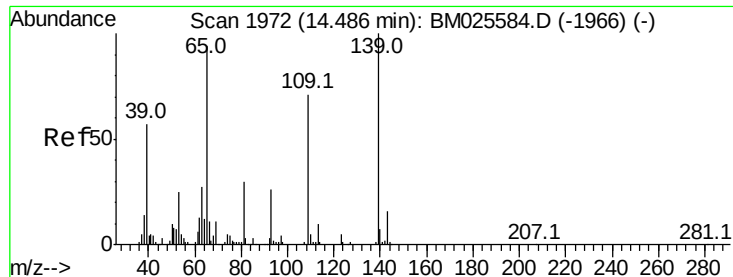
Tot Ion:163 Resp: 243620
Ion Ratio Lower Upper
163 100
194 4.7 3.5 5.3
164 10.4 8.2 12.4



#50
Acenaphthene
Concen: 33.405 ng/ul
RT: 14.33 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BM025594.D
Acq: 16 Mar 2020 23:31

Tgt Ion:153 Resp: 1259010
Ion Ratio Lower Upper
153 100
152 46.3 37.6 56.4
154 88.4 72.2 108.2

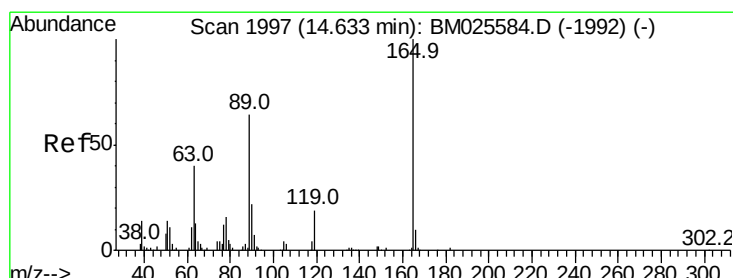
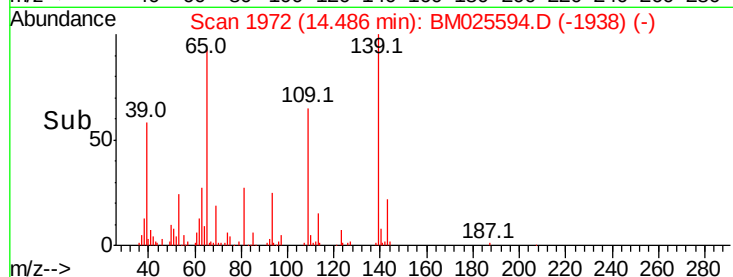
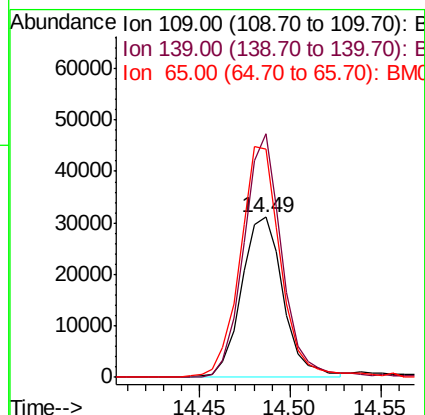
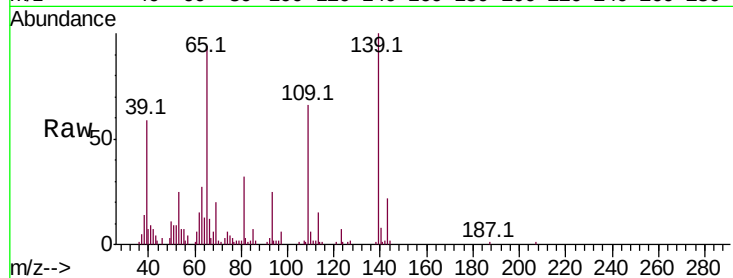




#53
4-Nitrophenol
Concen: 7.842 ng/ul
RT: 14.49 min Scan# 1972
Delta R.T. 0.00 min
Lab File: BM025594.D
Acq: 16 Mar 2020 23:31

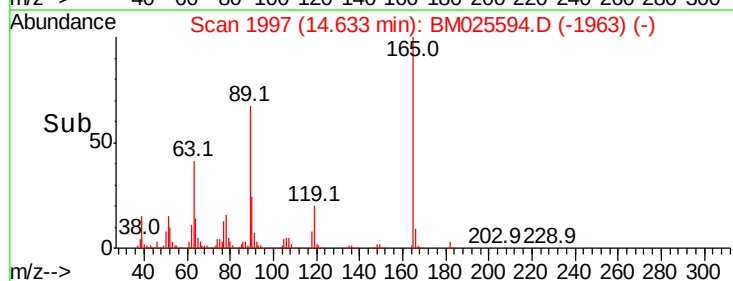
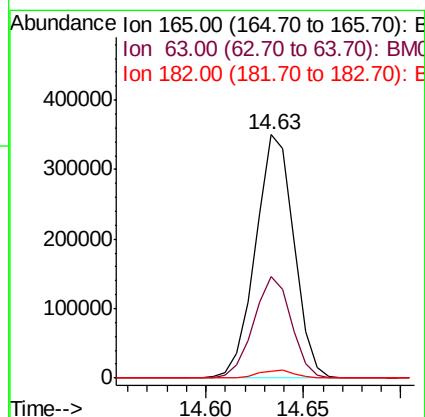
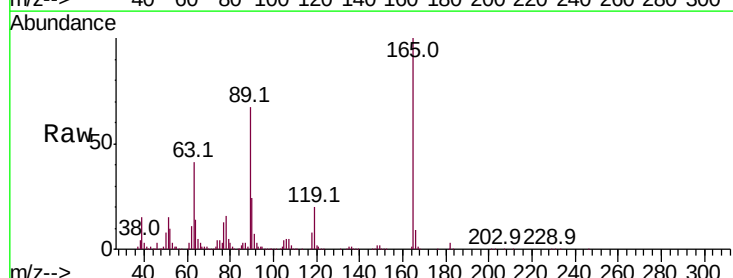
Instrument :
BNA_M
ClientSampled :

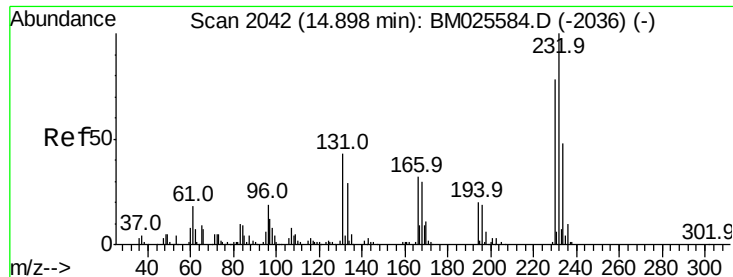
Tot Ion:109 Resp: 49864
Ion Ratio Lower Upper
109 100
139 152.2 111.0 166.4
65 142.6 105.1 157.7



#55
2,4-Dinitrotoluene
Concen: 37.401 ng/ul
RT: 14.63 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BM025594.D
Acq: 16 Mar 2020 23:31

Tgt Ion:165 Resp: 478341
Ion Ratio Lower Upper
165 100
63 41.5 30.2 45.2
182 3.1 2.6 3.8





#56

2,3,4,6-Tetrachlorophenol

Concen: 1.693 ng/ul

RT: 14.90 min Scan# 2042

Delta R.T. 0.00 min

Lab File: BM025594.D

Acq: 16 Mar 2020 23:31

Instrument :

BNA_M

ClientSampleId :

Tot Ion:232 Resp: 18877

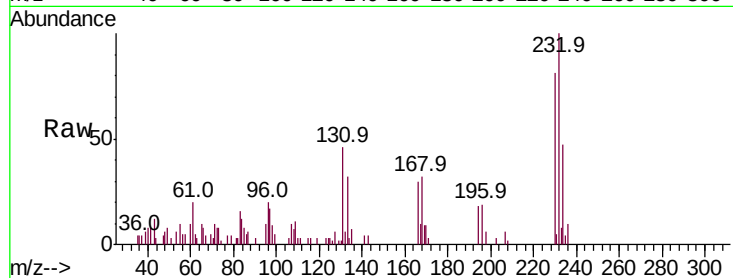
Ion Ratio Lower Upper

232 100

131 46.5 33.8 50.6

130 2.5 1.9 2.9

166 30.0 22.9 34.3

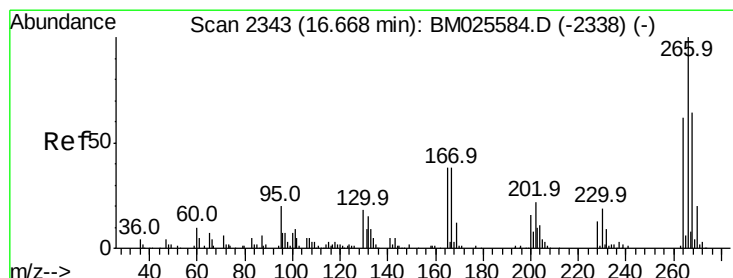
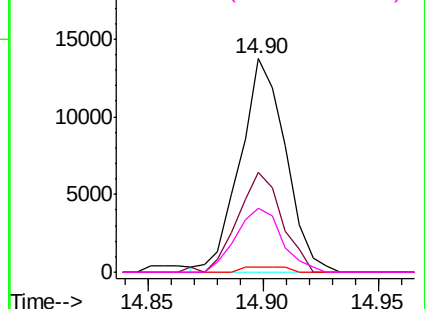
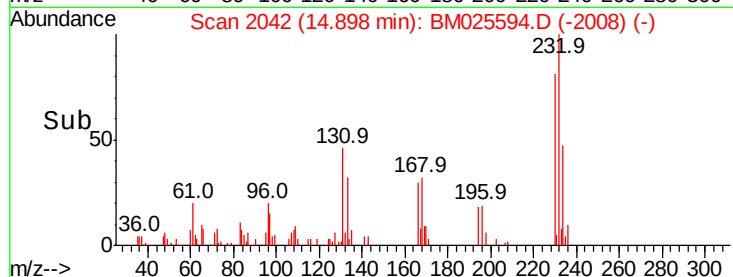


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#69

Pentachlorophenol

Concen: 34.856 ng/ul

RT: 16.67 min Scan# 2343

Delta R.T. 0.00 min

Lab File: BM025594.D

Acq: 16 Mar 2020 23:31

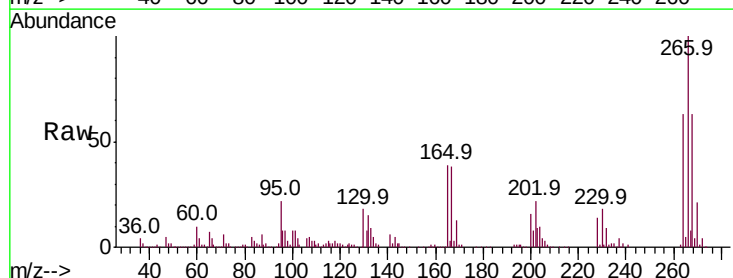
Tgt Ion:266 Resp: 368757

Ion Ratio Lower Upper

266 100

264 62.8 50.1 75.1

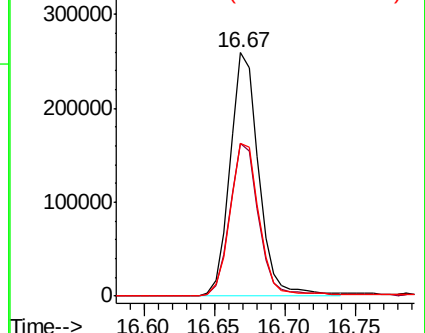
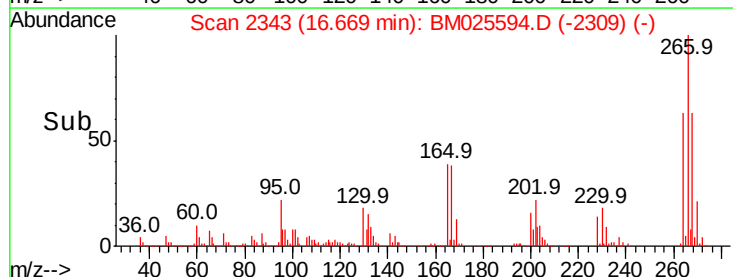
268 62.6 50.9 76.3

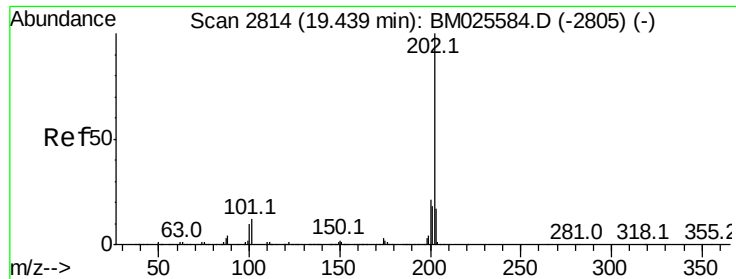


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

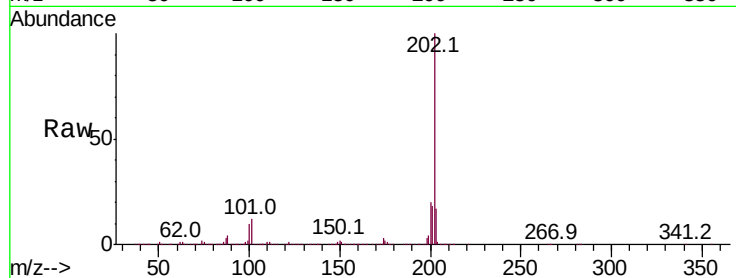




#80
 Pvrene
 Concen: 39.879 ng/ul
 RT: 19.44 min Scan# 2814
 Delta R.T. 0.00 min
 Lab File: BM025594.D
 Acq: 16 Mar 2020 23:31

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:202 Resp: 3230444
 Ion Ratio Lower Upper
 202 100
 101 11.7 8.9 13.3
 100 9.7 7.5 11.3



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

