

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 :
 DBES4MSD

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

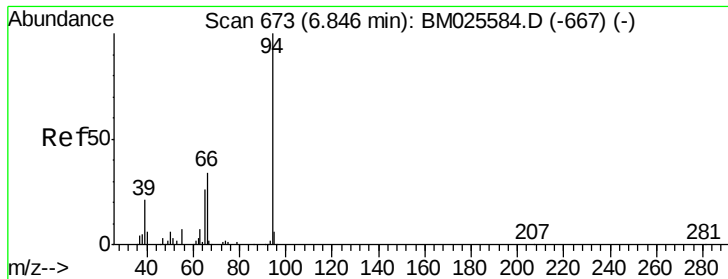
3) 1,4-Dioxane-d8	3.22	96	21012	4.31	ng/uL	0.00
5) Phenol-d5	6.82	99	118759	7.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	304913	33.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	358114	27.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	234632	17.70	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	226263	34.69	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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Operator  : CG/JU  
Sample    : L1840-09MSD  
Misc      :  
ALS Vial  : 20      Sample Multiplier: 1
```



#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

ClientSampleId :

DBES4MSD

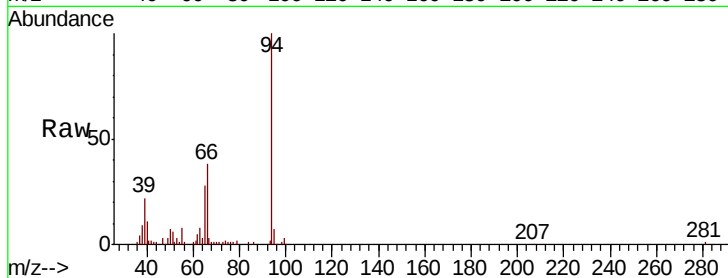
Tot Ion: 94 Resp: 134811

Ion Ratio Lower Upper

94 100

65 28.3 23.8 35.6

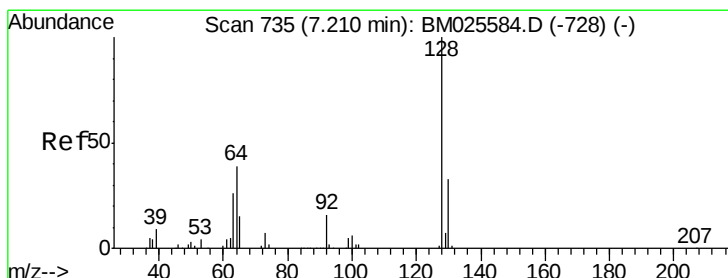
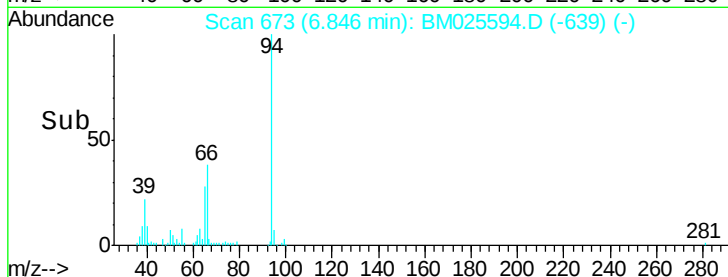
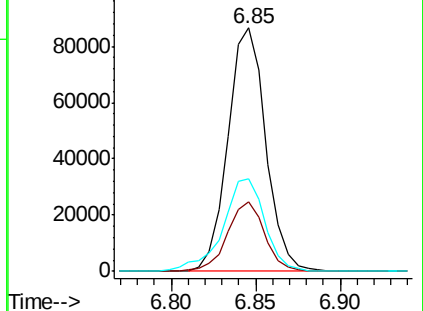
66 38.0 32.4 48.6



Abundance Ion 94.00 (93.70 to 94.70): BM025594.D (-639) (-)

Ion 65.00 (64.70 to 65.70): BM025594.D (-639) (-)

Ion 66.00 (65.70 to 66.70): BM025594.D (-639) (-)



#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

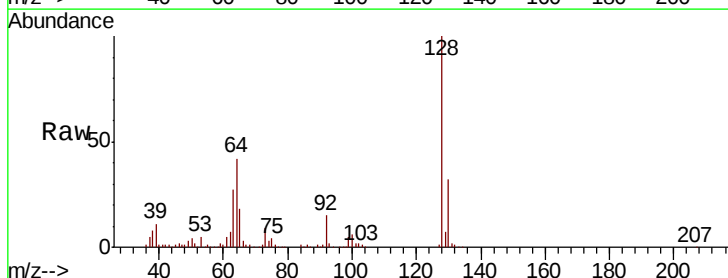
Tgt Ion: 128 Resp: 367176

Ion Ratio Lower Upper

128 100

64 41.6 34.6 51.8

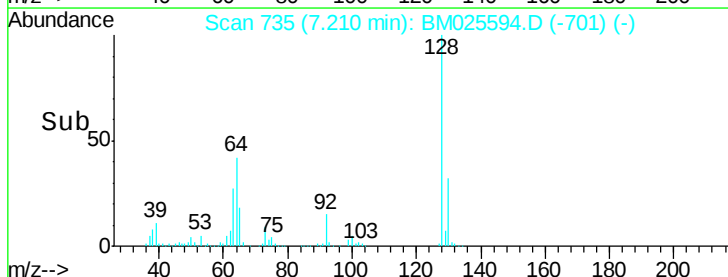
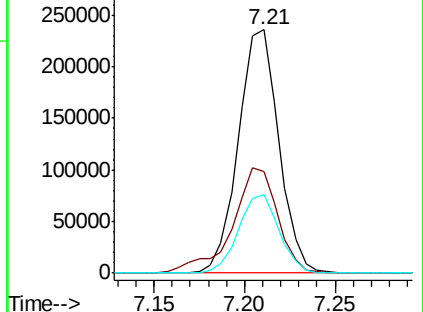
130 32.2 27.1 40.7

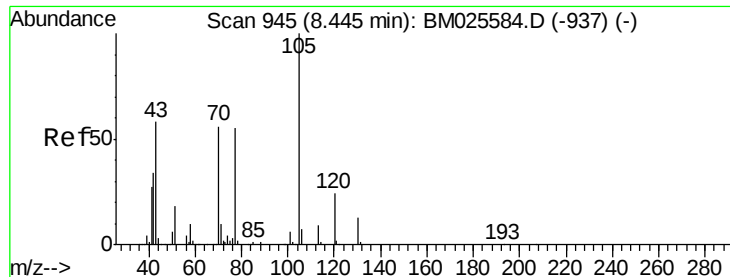


Abundance Ion 128.00 (127.70 to 128.70): BM025594.D (-701) (-)

Ion 64.00 (63.70 to 64.70): BM025594.D (-701) (-)

Ion 130.00 (129.70 to 130.70): BM025594.D (-701) (-)

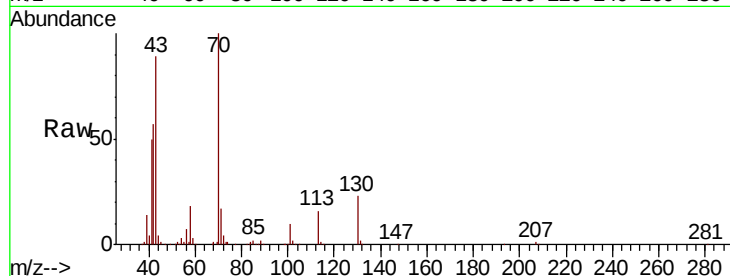




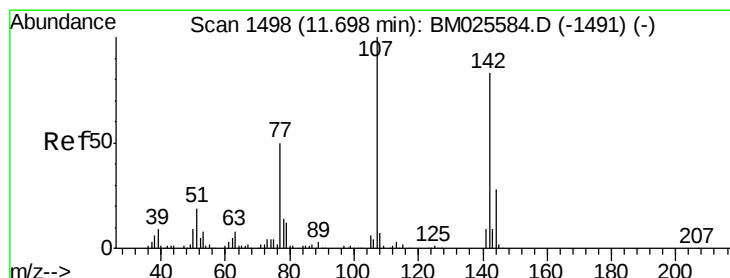
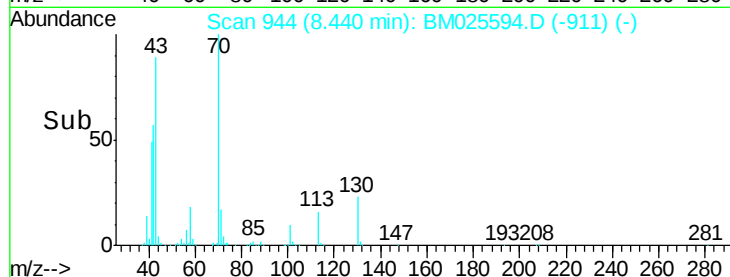
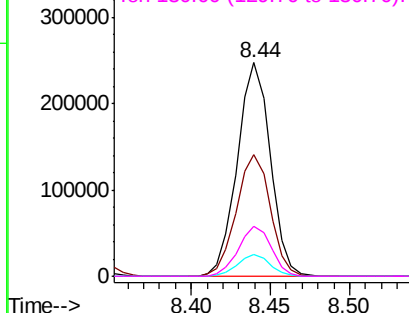
#15
N-Nitroso-di-n-propylamine
Concen: 35.055 ng/ul
RT: 8.44 min Scan# 944
Delta R.T. -0.01 min
Lab File: BM025594.D
Acq: 16 Mar 2020 23:31

Instrument :
BNA_M
ClientSampleId :
DBES4MSD

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

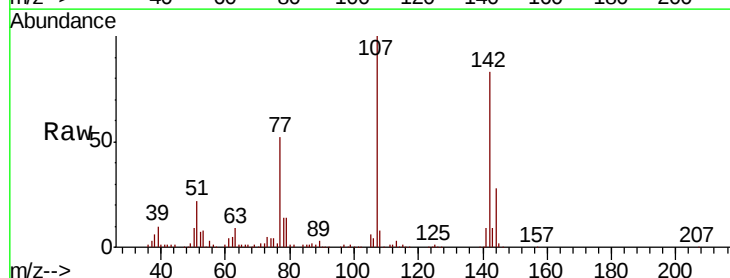


Abundance Ion 70.00 (69.70 to 70.70): BM0
Ion 42.00 (41.70 to 42.70): BM0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

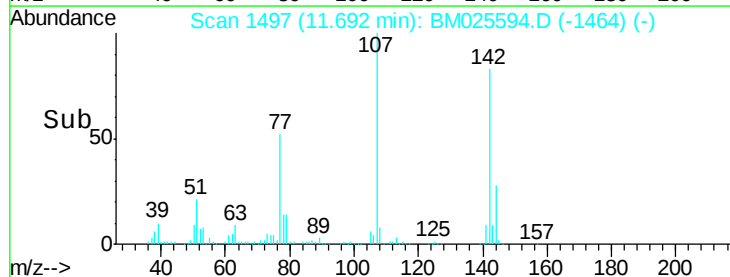
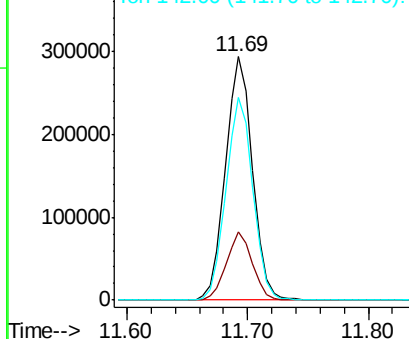


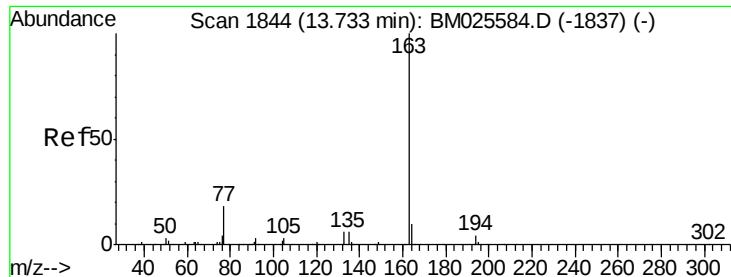
#33
4-Chloro-3-methylphenol
Concen: 31.162 ng/ul
RT: 11.69 min Scan# 1497
Delta R.T. -0.01 min
Lab File: BM025594.D
Acq: 16 Mar 2020 23:31

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): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





#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

ClientSampleId :

DBES4MSD

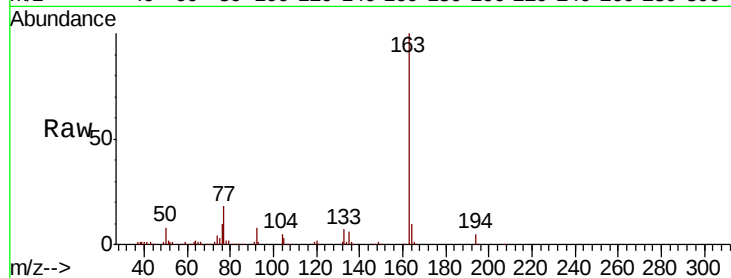
Tot Ion:163 Resp: 243620

Ion Ratio Lower Upper

163 100

194 4.7 3.5 5.3

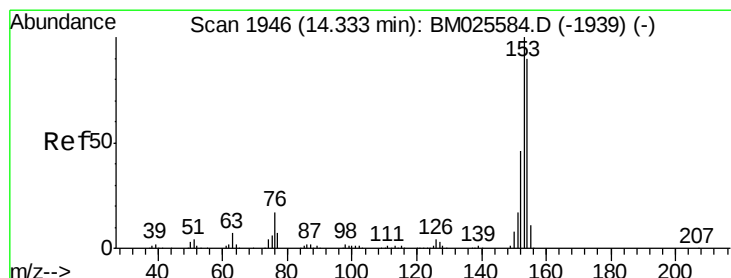
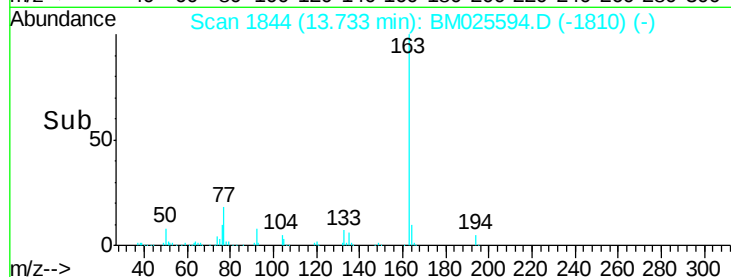
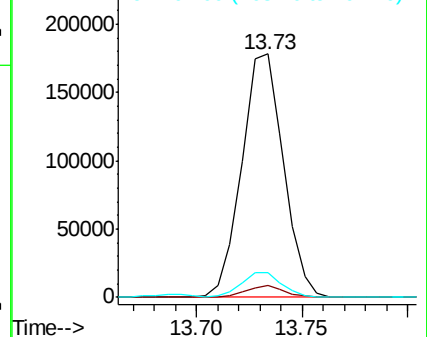
164 10.4 8.2 12.4



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: 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

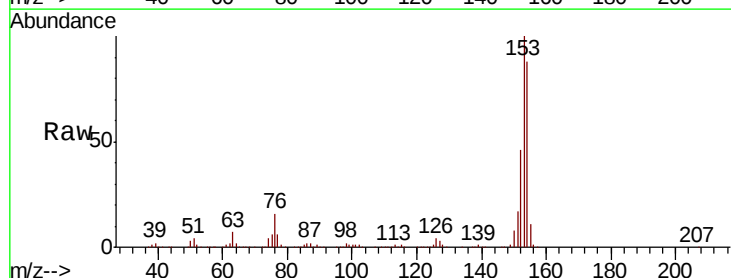
Tgt Ion:153 Resp: 1259010

Ion Ratio Lower Upper

153 100

152 46.3 37.6 56.4

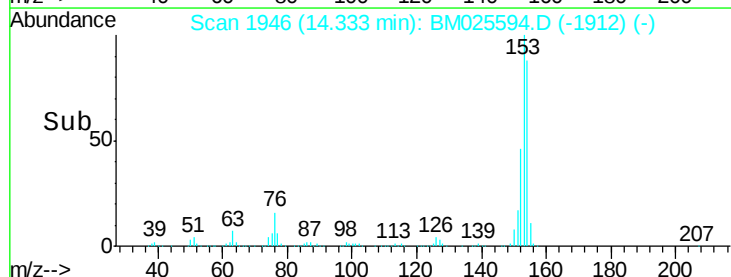
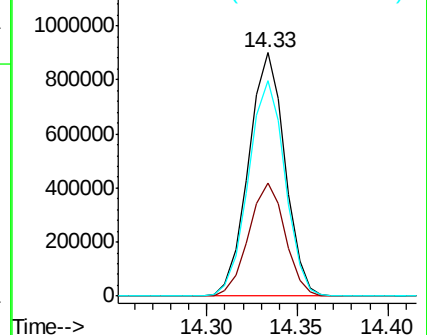
154 88.4 72.2 108.2

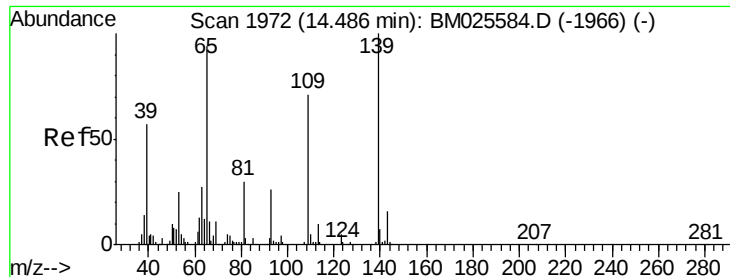


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#53

4-Nitrophenol

Concen: 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

ClientSampleId :

DBES4MSD

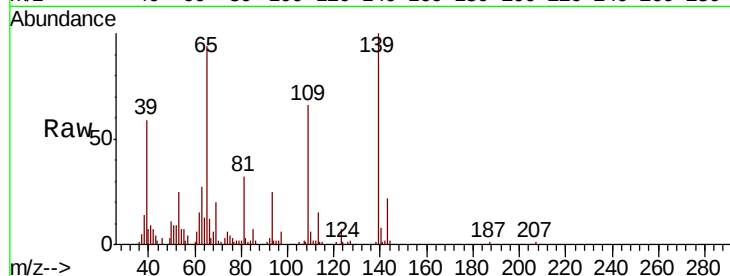
Tot Ion:109 Resp: 49864

Ion Ratio Lower Upper

109 100

139 152.2 111.0 166.4

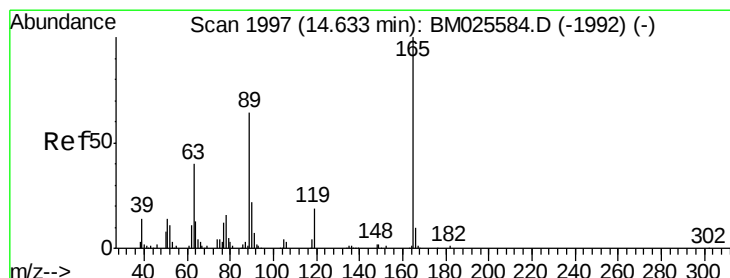
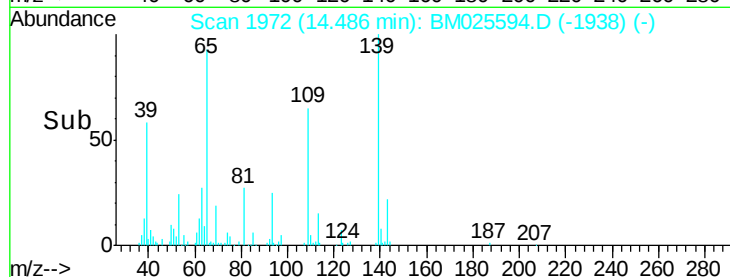
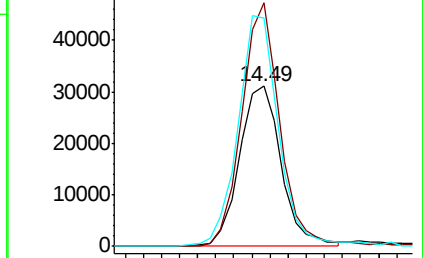
65 142.6 105.1 157.7



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: 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

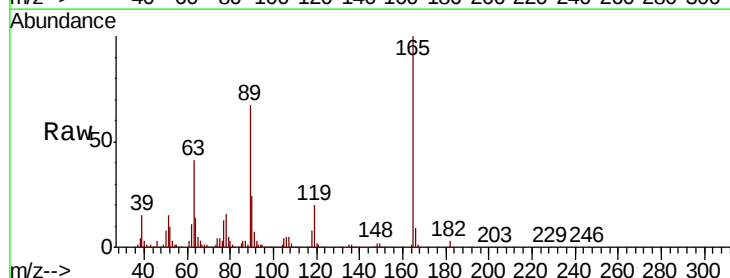
Tgt Ion:165 Resp: 478341

Ion Ratio Lower Upper

165 100

63 41.5 30.2 45.2

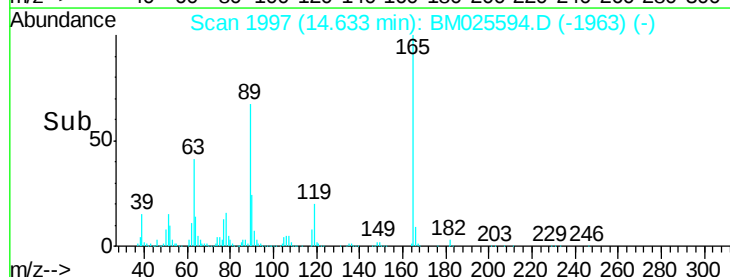
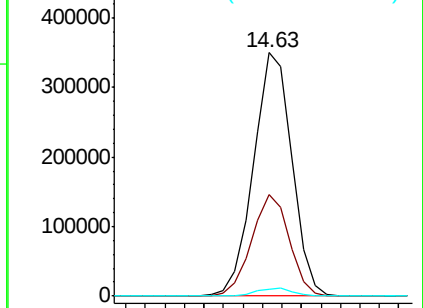
182 3.1 2.6 3.8

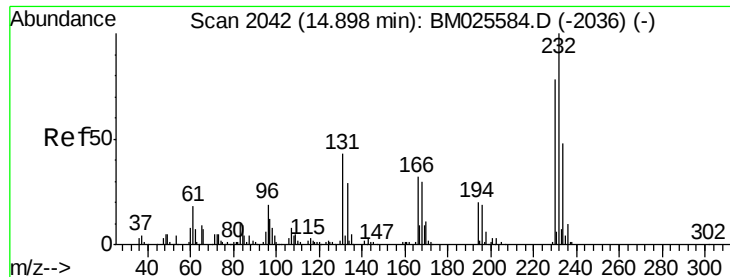


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E

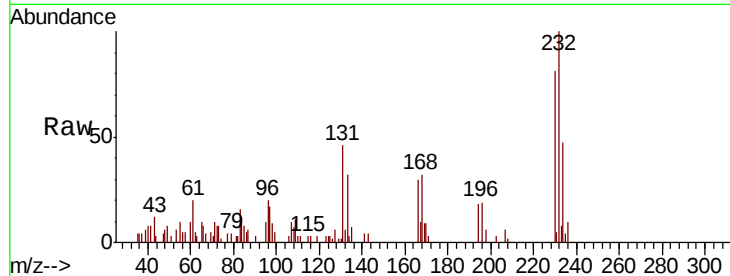




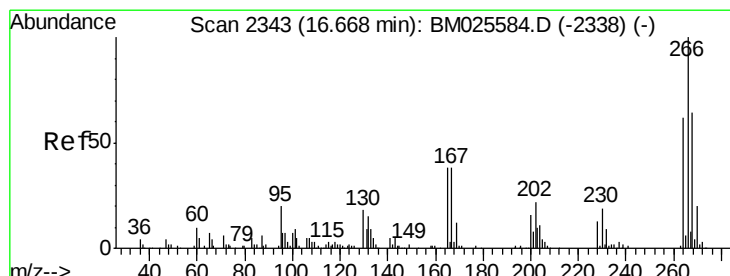
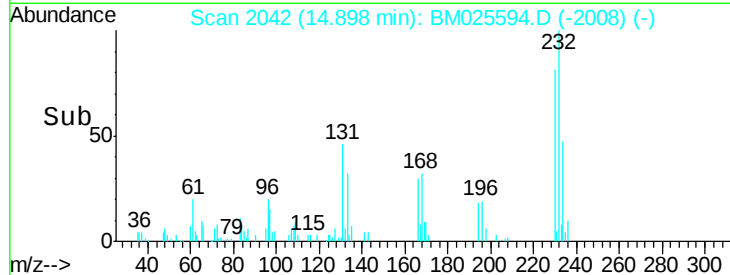
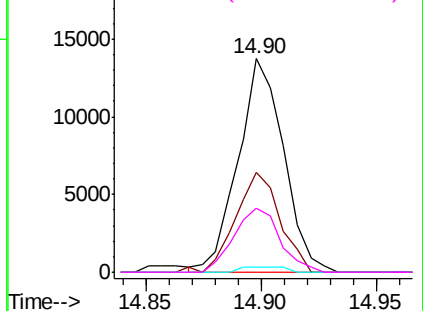
#56
 2,3,4,6-Tetrachlorophenol
 Concen: 1.693 ng/ul
 RT: 14.90 min Scan# 2042
 Delta R.T. 0.00 min
 Lab File: BM025594.D
 Acq: 16 Mar 2020 23:31

Instrument :
 BNA_M
 ClientSampleId :
 DBES4MSD

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

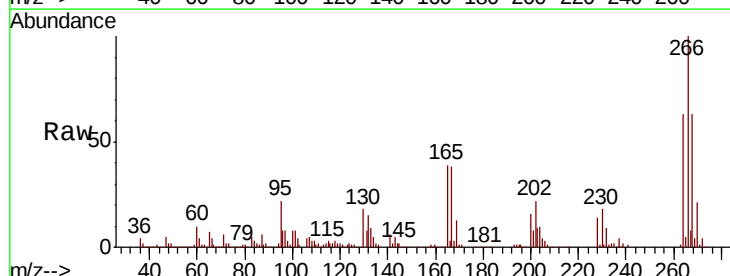


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

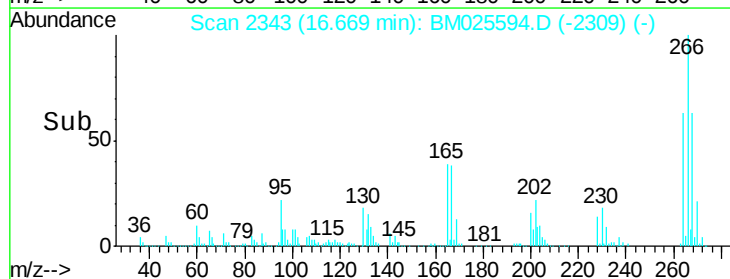
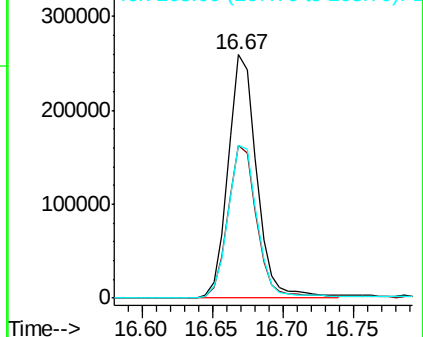


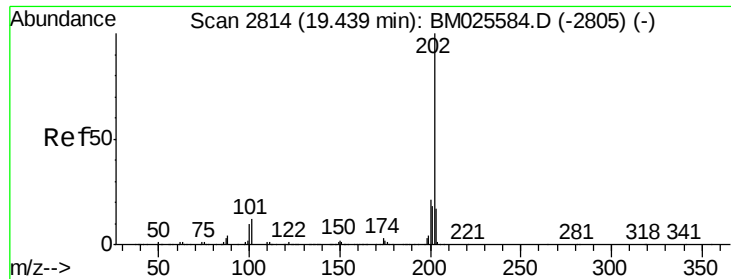
#69
 Pentachlorophenol
 Concen: 34.856 ng/ul
 RT: 16.67 min Scan# 2343
 Delta R.T. 0.00 min
 Lab File: BM025594.D
 Acq: 16 Mar 2020 23:31

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 :
 DBES4MSD

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

