

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092719\
 Data File : BM022797.D
 Acq On : 27 Sep 2019 21:37
 Operator : JU
 Sample : K4985-20MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 27 23:15:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 27 18:03:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	310721	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1370448	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.45	164	863149	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.19	188	1710377	20.00	ng/ul	0.00
78) Chrysene-d12	21.36	240	1378814	20.00	ng/ul	0.00
86) Perylene-d12	23.63	264	1263595	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	34963	4.87	ng/uL	0.00
5) Phenol-d5	6.97	99	196254	7.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	435951	29.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	539601	24.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	355484	15.81	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	328281	31.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	357106	30.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	643367	27.98	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	879696	31.49	ng/ul	0.00
44) Dimethylphthalate-d6	13.86	166	2114950	31.57	ng/ul	0.00
47) Acenaphthylene-d8	14.14	160	2415715	31.23	ng/ul	0.00
52) 4-Nitrophenol-d4	14.63	143	54607	4.13	ng/ul	0.00
58) Fluorene-d10	15.44	176	1791803	31.38	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.55	200	99878	8.97	ng/ul	0.00
71) Anthracene-d10	17.29	188	2825322	33.83	ng/ul	0.00
79) Pyrene-d10	19.58	212	3071971	41.40	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.49	264	2330826	35.66	ng/ul	0.00

Target Compounds

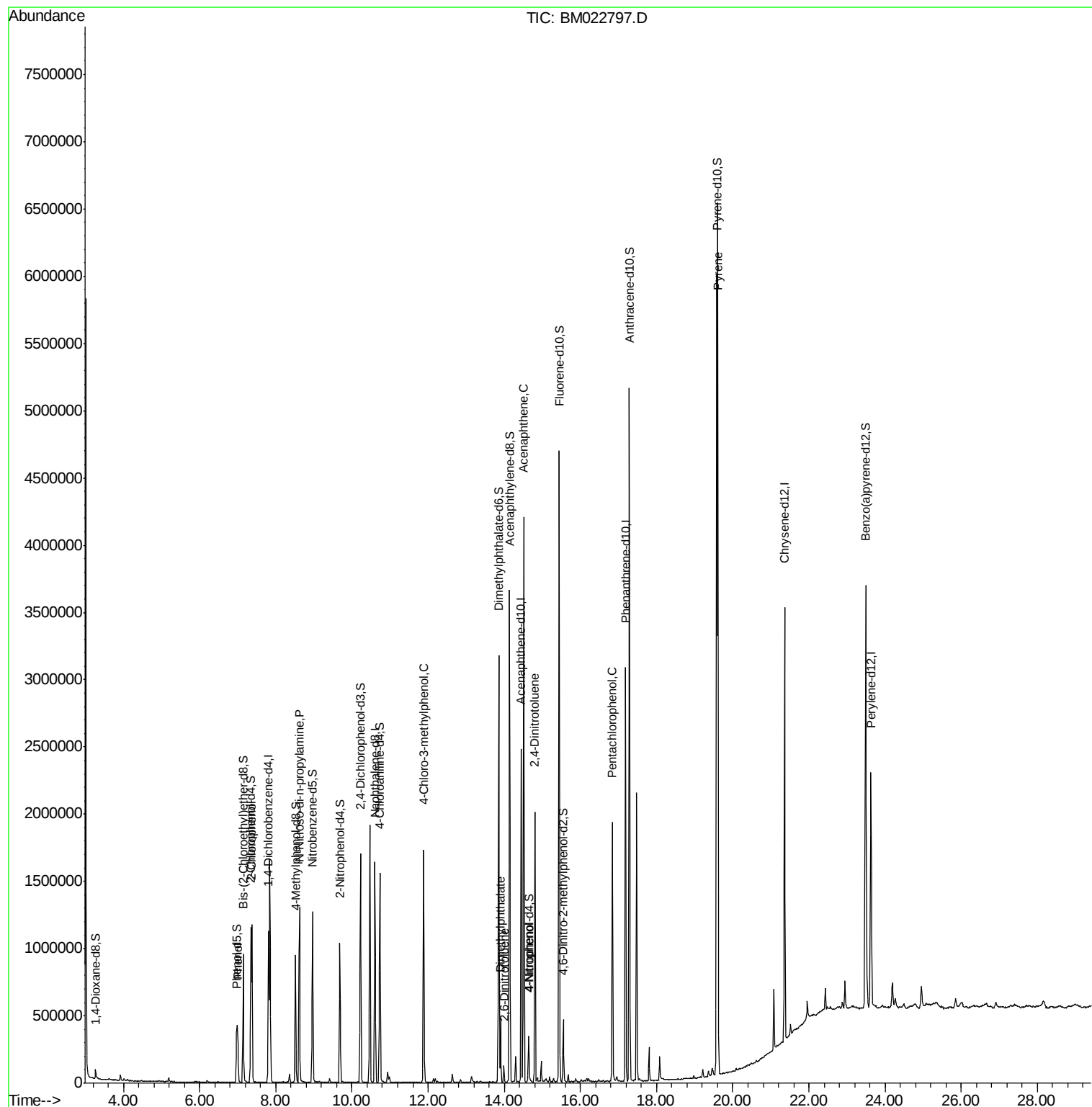
					Ovalue
6) Phenol	7.00	94	234452	8.146	ng/ul 100
10) 2-Chlorophenol	7.37	128	525121	22.143	ng/ul 100
15) N-Nitroso-di-n-propylamine	8.62	70	493333	27.953	ng/ul 97
33) 4-Chloro-3-methylphenol	11.88	107	587914	24.535	ng/ul 99
45) Dimethylphthalate	13.90	163	300293	4.364	ng/ul 99
46) 2,6-Dinitrotoluene	13.99	165	18663	1.360	ng/ul# 43
50) Acenaphthene	14.51	153	1699020	29.210	ng/ul 100
53) 4-Nitrophenol	14.65	109	42969	4.442	ng/ul 93
55) 2,4-Dinitrotoluene	14.80	165	617281	30.492	ng/ul 99
69) Pentachlorophenol	16.84	266	336189	22.526	ng/ul 100
80) Pyrene	19.61	202	3799029	38.868	ng/ul 100

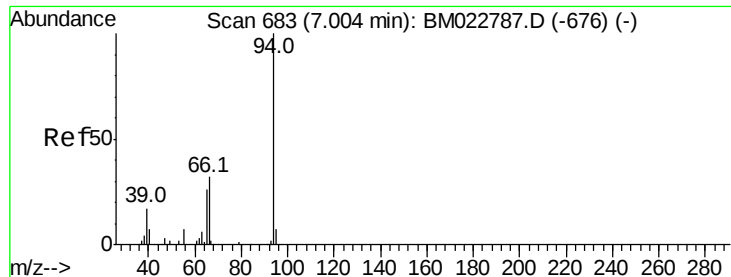
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 27 18:03:27 2019
Response via : Initial Calibration





#6

Phenol

Concen: 8.146 ng/ul

RT: 7.00 min Scan# 683

Delta R.T. -0.00 min

Lab File: BM022797.D

Acq: 27 Sep 2019 21:37

Instrument :

BNA_M

ClientSampleId :

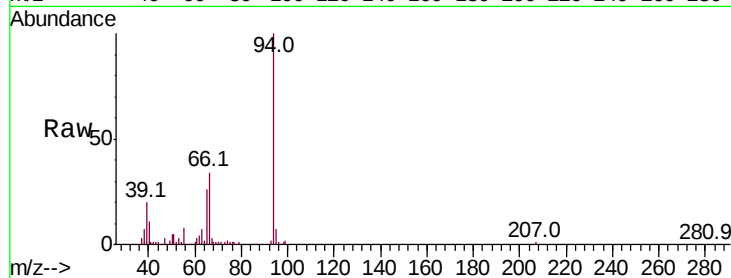
Tot Ion: 94 Resp: 234452

Ion Ratio Lower Upper

94 100

65 26.3 20.9 31.3

66 34.1 27.2 40.8



Abundance Ion 94.00 (93.70 to 94.70): BM022797.D (-676) (-)

Ion 65.00 (64.70 to 65.70): BM022797.D (-676) (-)

Ion 66.00 (65.70 to 66.70): BM022797.D (-676) (-)

200000

150000

100000

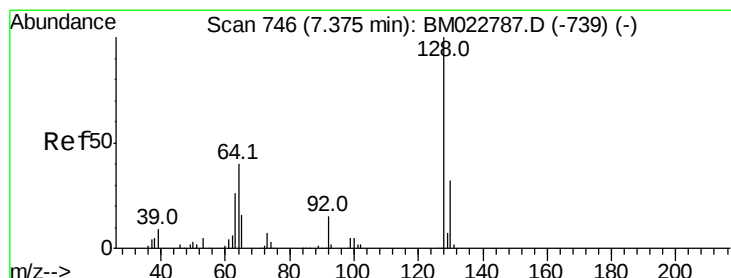
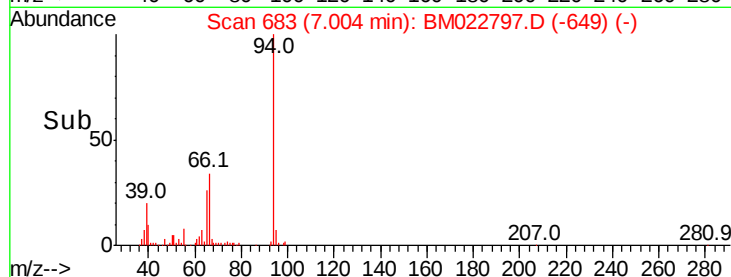
50000

0

7.00

6.95 7.00 7.05

Time-->



#10

2-Chlorophenol

Concen: 22.143 ng/ul

RT: 7.37 min Scan# 746

Delta R.T. -0.00 min

Lab File: BM022797.D

Acq: 27 Sep 2019 21:37

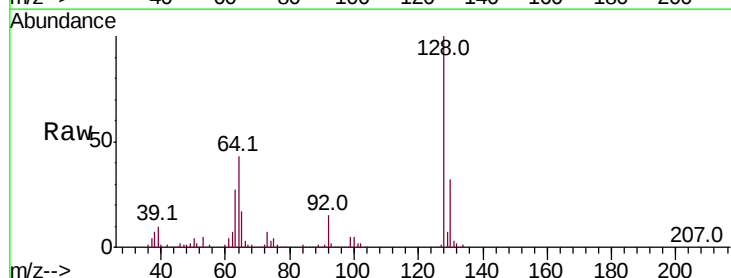
Tgt Ion:128 Resp: 525121

Ion Ratio Lower Upper

128 100

64 42.7 34.1 51.1

130 32.2 26.0 39.0



Abundance Ion 128.00 (127.70 to 128.70): BM022797.D (-739) (-)

Ion 64.00 (63.70 to 64.70): BM022797.D (-739) (-)

Ion 130.00 (129.70 to 130.70): BM022797.D (-739) (-)

400000

300000

200000

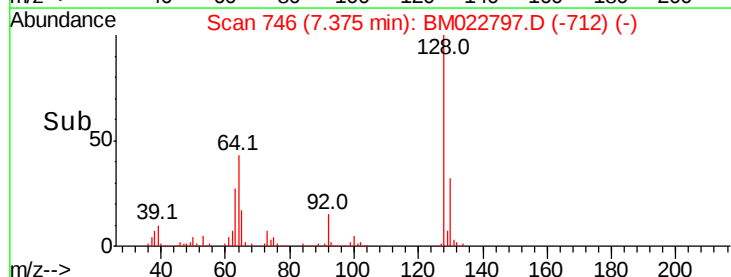
100000

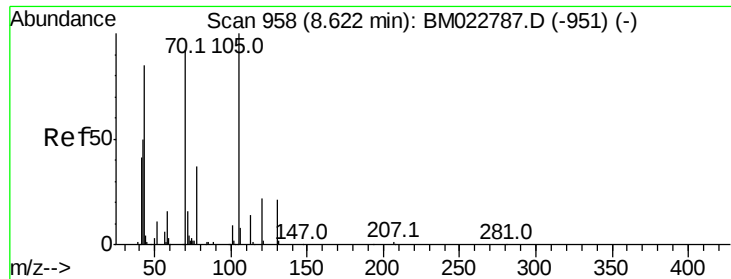
0

7.37

7.30 7.40 7.50

Time-->

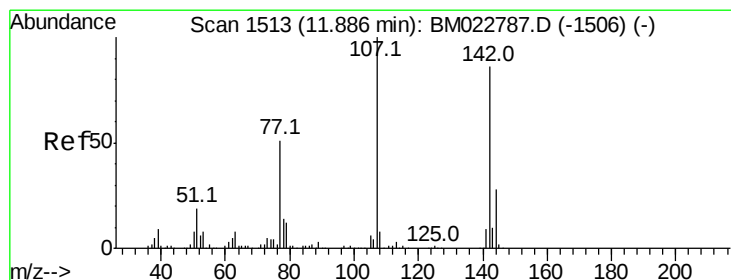
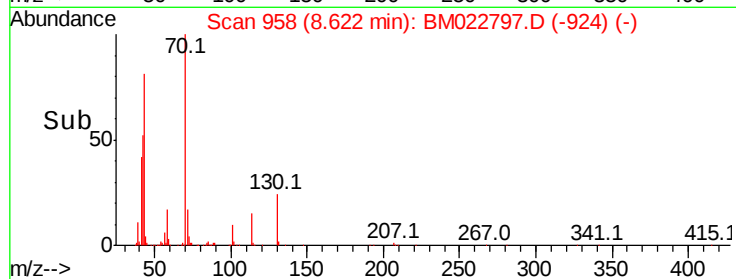
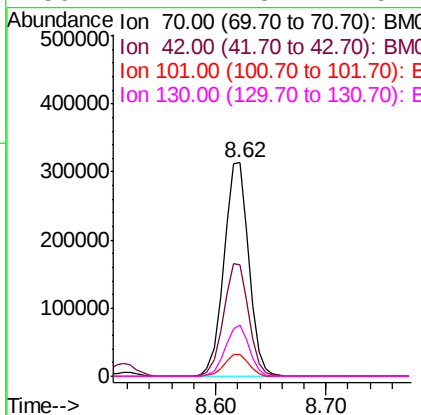
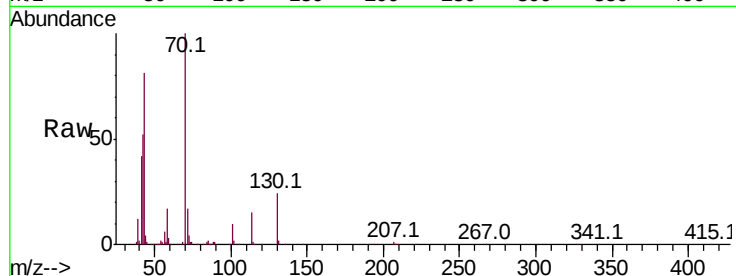




#15
N-Nitroso-di-n-propylamine
Concen: 27.953 ng/ul
RT: 8.62 min Scan# 958
Delta R.T. -0.00 min
Lab File: BM022797.D
Acq: 27 Sep 2019 21:37

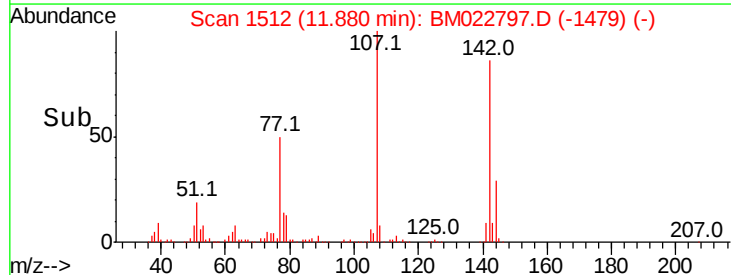
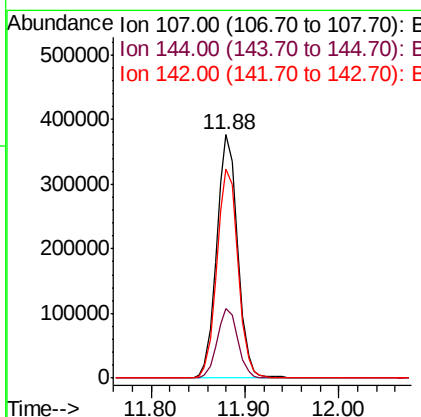
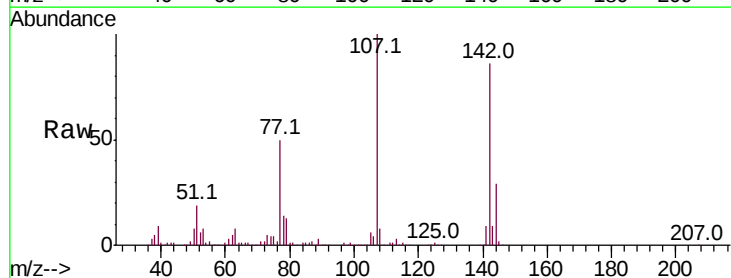
Instrument :
BNA_M
ClientSampled :

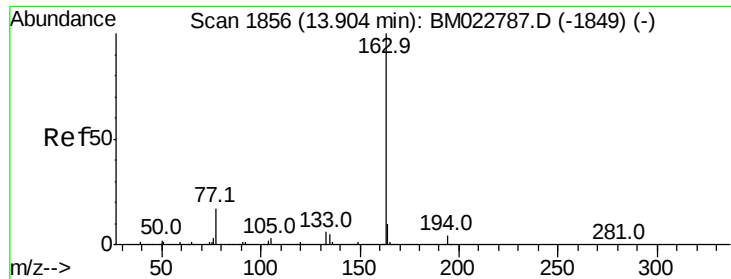
Tot Ion:	70	Resp:	493333
Ion	Ratio	Lower	Upper
70	100		
42	52.3	44.6	66.8
101	10.2	8.2	12.2
130	24.1	18.7	28.1



#33
4-Chloro-3-methylphenol
Concen: 24.535 ng/ul
RT: 11.88 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BM022797.D
Acq: 27 Sep 2019 21:37

Tgt Ion:	107	Resp:	587914
Ion	Ratio	Lower	Upper
107	100		
144	28.6	22.5	33.7
142	85.6	68.9	103.3

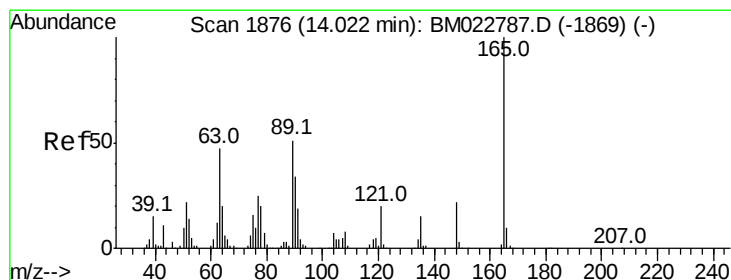
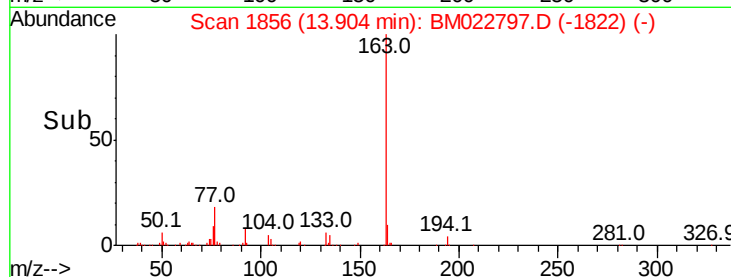
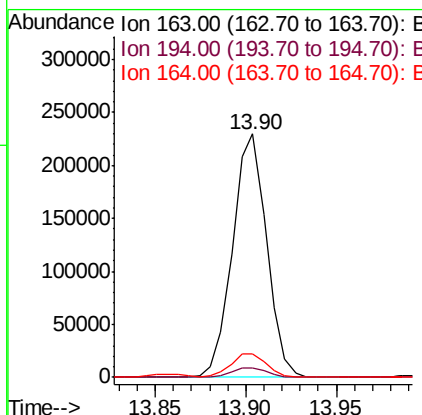
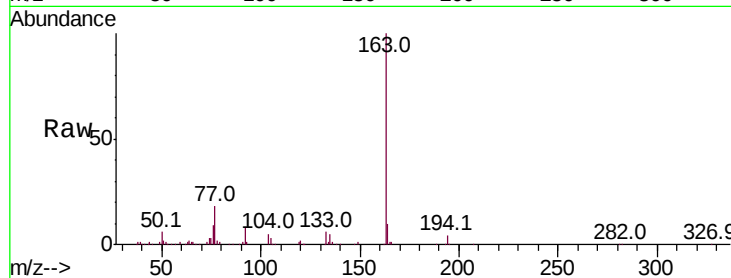




#45
Dimethylphthalate
Concen: 4.364 ng/ul
RT: 13.90 min Scan# 1856
Delta R.T. -0.00 min
Lab File: BM022797.D
Acq: 27 Sep 2019 21:37

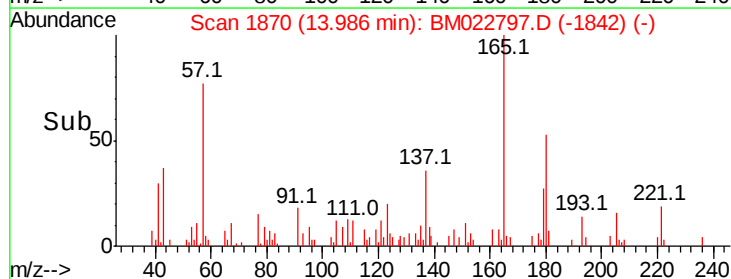
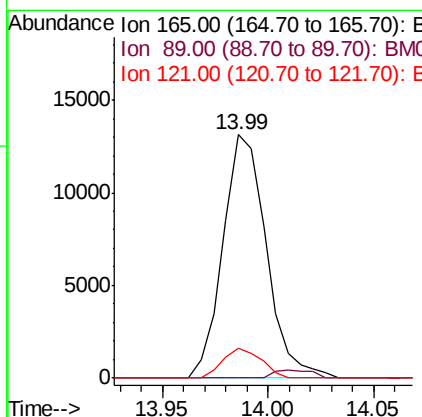
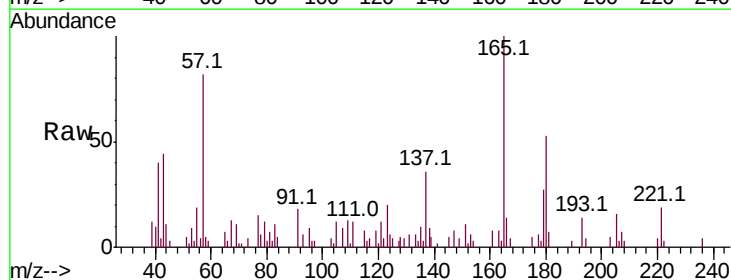
Instrument :
BNA_M
ClientSampleId :

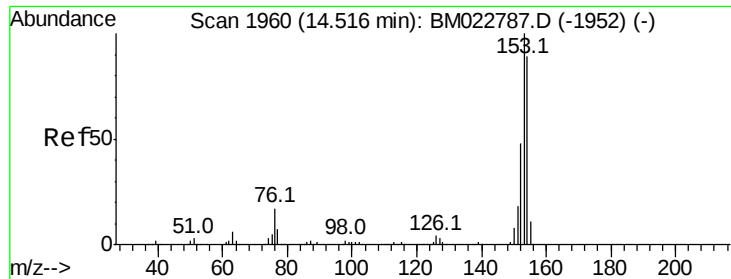
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	9.8	8.1	12.1



#46
2,6-Dinitrotoluene
Concen: 1.360 ng/ul
RT: 13.99 min Scan# 1870
Delta R.T. -0.04 min
Lab File: BM022797.D
Acq: 27 Sep 2019 21:37

Tgt Ion	Ratio	Lower	Upper
165	100		
89	0.0	41.0	61.4#
121	12.5	16.1	24.1#





#50

Acenaphthene

Concen: 29.210 ng/ul

RT: 14.51 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BM022797.D

Acq: 27 Sep 2019 21:37

Instrument :

BNA_M

ClientSampleId :

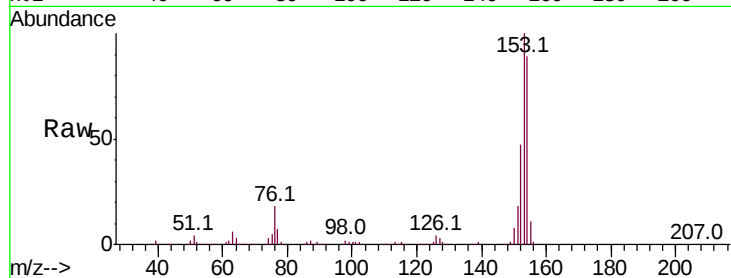
Tot Ion:153 Resp: 1699020

Ion Ratio Lower Upper

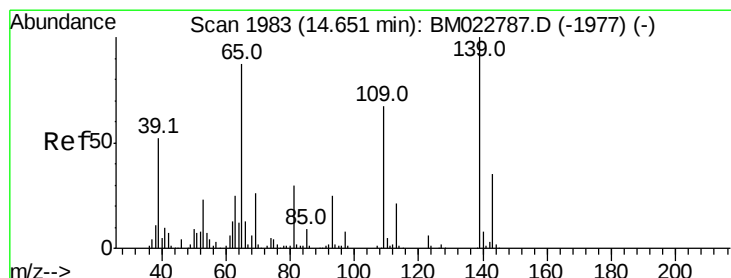
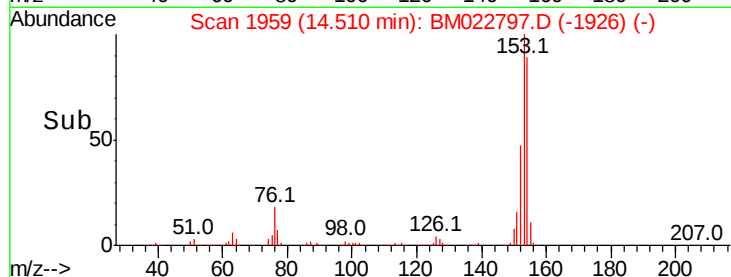
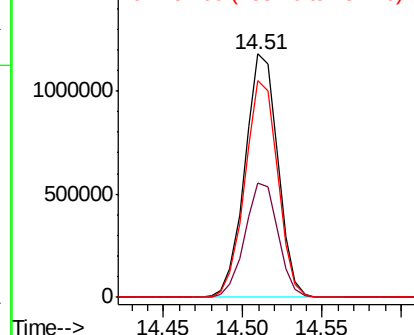
153 100

152 47.2 38.1 57.1

154 88.9 71.1 106.7



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: 4.442 ng/ul

RT: 14.65 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BM022797.D

Acq: 27 Sep 2019 21:37

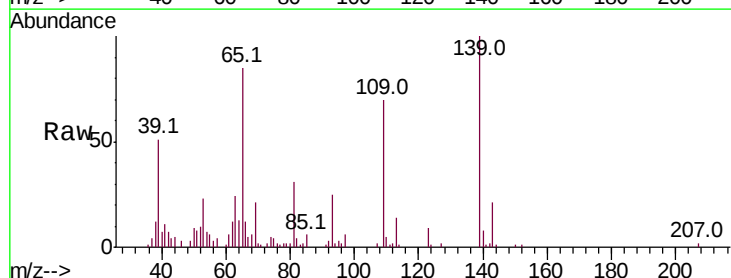
Tgt Ion:109 Resp: 42969

Ion Ratio Lower Upper

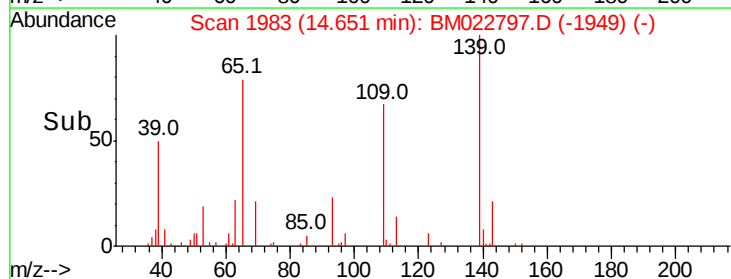
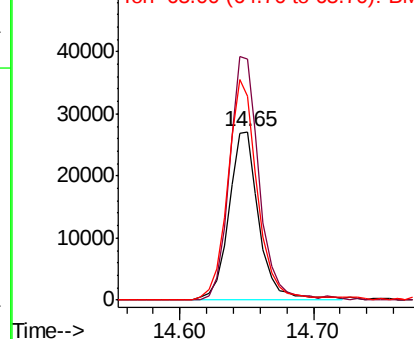
109 100

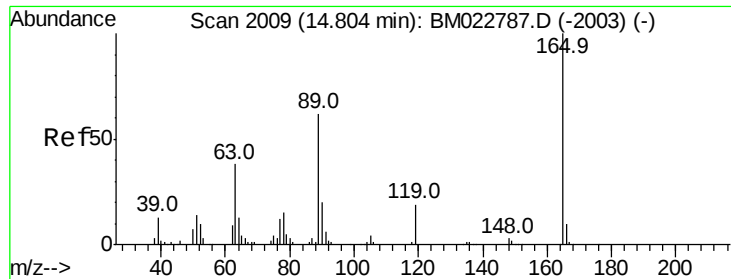
139 143.1 119.5 179.3

65 121.2 105.0 157.4



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): E

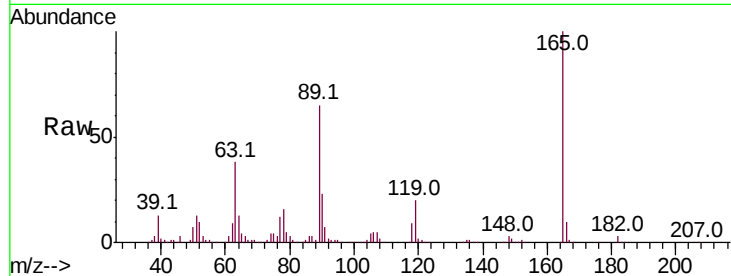




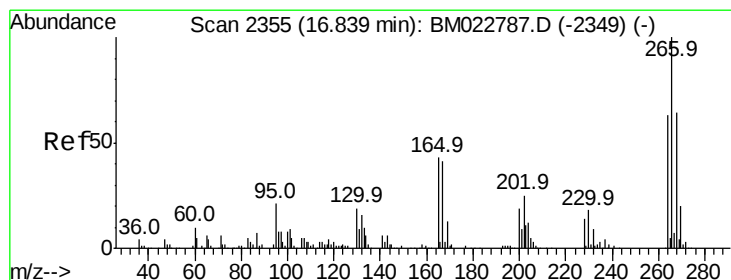
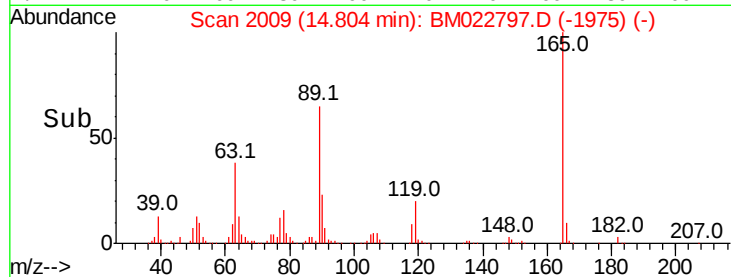
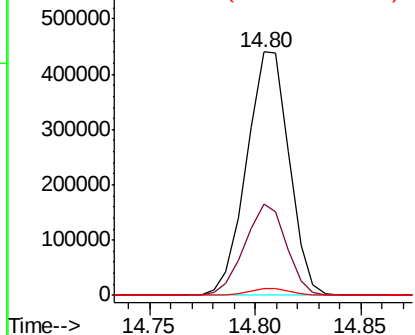
#55
 2,4-Dinitrotoluene
 Concen: 30.492 ng/ul
 RT: 14.80 min Scan# 2009
 Delta R.T. -0.00 min
 Lab File: BM022797.D
 Acq: 27 Sep 2019 21:37

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	37.5	29.8	44.6
182	2.7	2.2	3.4

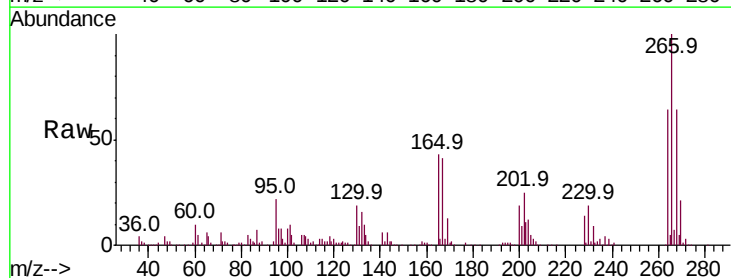


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM
 Ion 182.00 (181.70 to 182.70): E

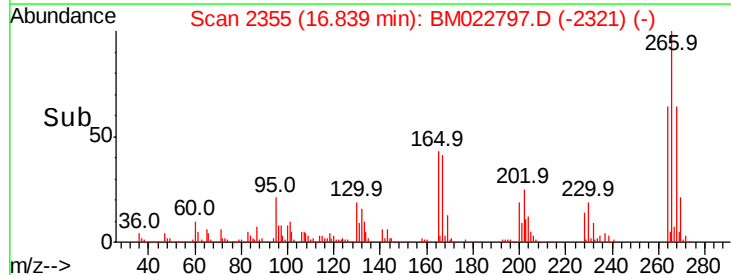
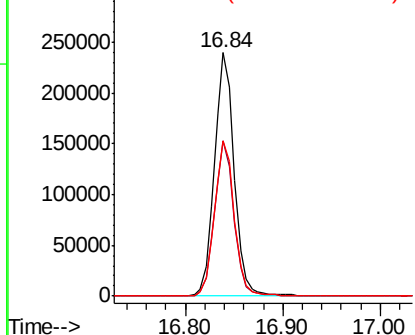


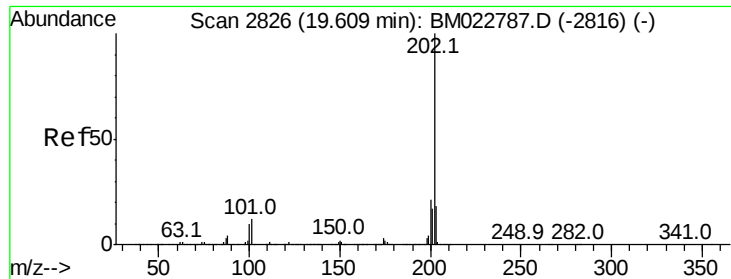
#69
 Pentachlorophenol
 Concen: 22.526 ng/ul
 RT: 16.84 min Scan# 2355
 Delta R.T. -0.00 min
 Lab File: BM022797.D
 Acq: 27 Sep 2019 21:37

Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.6	50.8	76.2
268	63.9	51.4	77.0



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: 38.868 ng/ul
 RT: 19.61 min Scan# 2826
 Delta R.T. -0.00 min
 Lab File: BM022797.D
 Acq: 27 Sep 2019 21:37

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:202 Resp: 3799029

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.7	14.5
100	9.8	7.8	11.8

