

Data File : BM022576.D
Acq On : 08 Sep 2019 21:09
Operator : HP/JU
Sample : K4707-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0CJ5

Quant Time: Sep 09 01:46:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 09 01:43:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	237754	20.00	ng/ul	0.03
18) Naphthalene-d8	10.67	136	1443249	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.49	164	891977	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.22	188	1838925	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	1908921	20.00	ng/ul	0.00
86) Perylene-d12	23.69	264	2208883	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	37476	6.57	ng/uL	0.00
5) Phenol-d5	7.02	99	176847	8.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	484166	38.52	ng/ul	0.01
9) 2-Chlorophenol-d4	7.39	132	530717	30.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	332797	18.66	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	316171	30.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	314870	32.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	592918	24.32	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	65901	2.05	ng/ul	0.01
44) Dimethylphthalate-d6	13.90	166	2048546	28.34	ng/ul	0.00
47) Acenaphthylene-d8	14.18	160	2380633	27.51	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	73178	5.93	ng/ul	0.00
58) Fluorene-d10	15.48	176	1736444	28.69	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	228006	27.28	ng/ul	0.00
71) Anthracene-d10	17.32	188	2786777	29.58	ng/ul	0.00
79) Pyrene-d10	19.61	212	3165089	29.88	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.54	264	3623433	30.52	ng/ul	0.00

Target Compounds

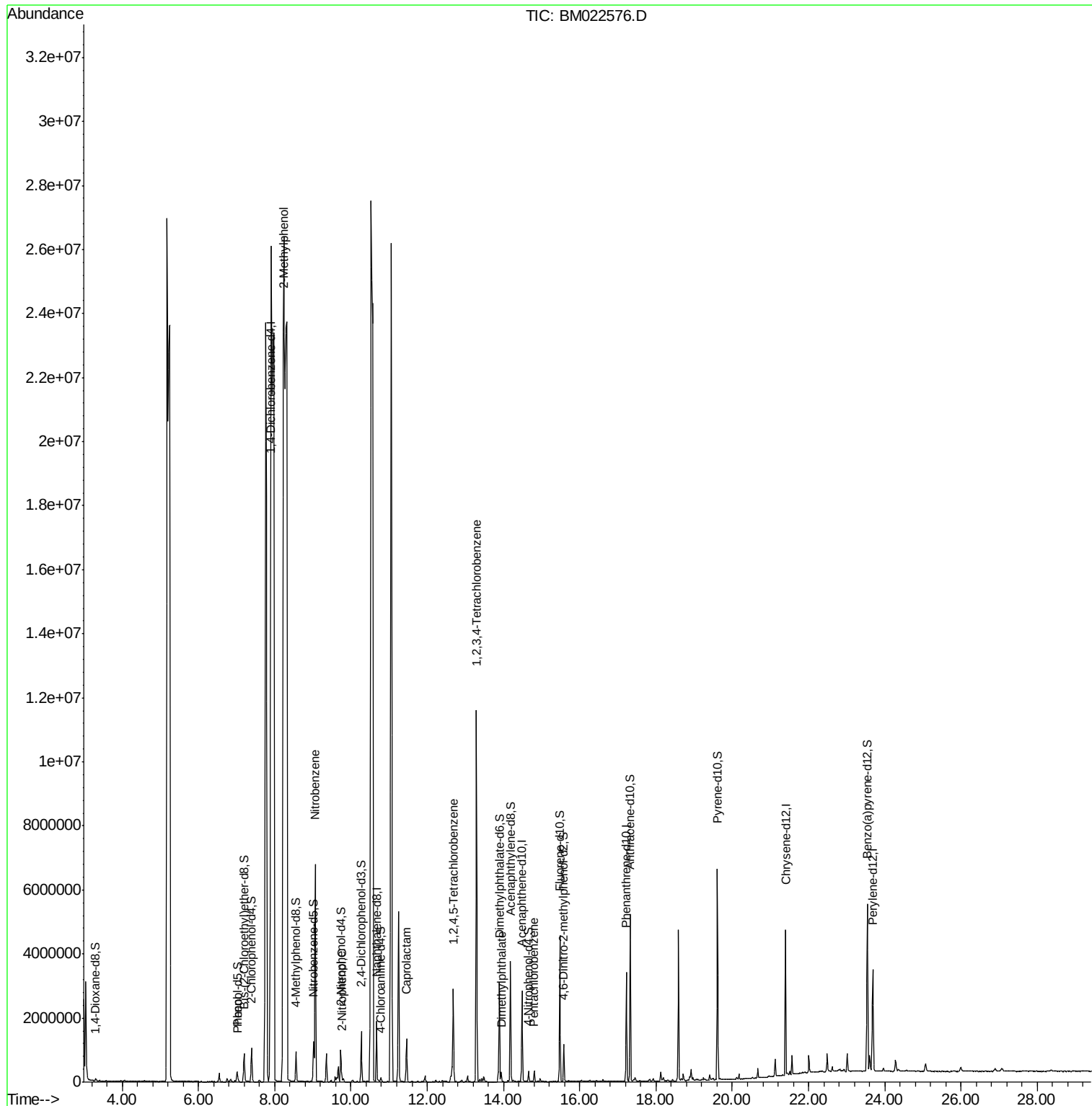
					Qvalue	
6) Phenol	7.04	94	47315	2.065	ng/ul	100
11) 2-Methylphenol	8.24	108	167374	9.358	ng/ul	95
20) Nitrobenzene	9.06	77	3845159	147.602	ng/ul	98
23) 2-Nitrophenol	9.76	139	26733	2.346	ng/ul	97
32) Caprolactam	11.46	113	91494	10.213	ng/ul#	1
37) 1,2,4,5-Tetrachlorobenzene	12.69	216	1021947	35.508	ng/ul	99
45) Dimethylphthalate	13.94	163	124175	1.693	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.29	216	3320754	115.996	ng/uL	98
74) Pentachlorobenzene	14.81	250	80839	2.801	ng/uL	98

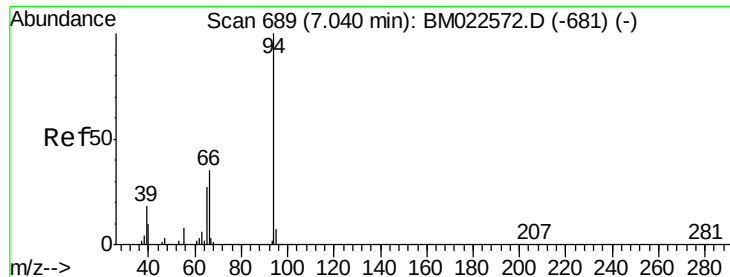
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.065 ng/ul

RT: 7.04 min Scan# 689

Delta R.T. -0.00 min

Lab File: BM022576.D

Acq: 08 Sep 2019 21:09

Instrument :

BNA_M

ClientSampleId :

C0CJ5

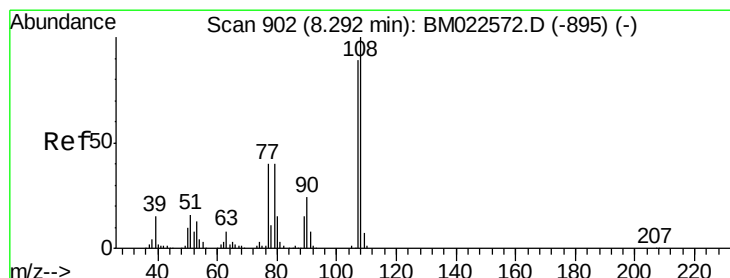
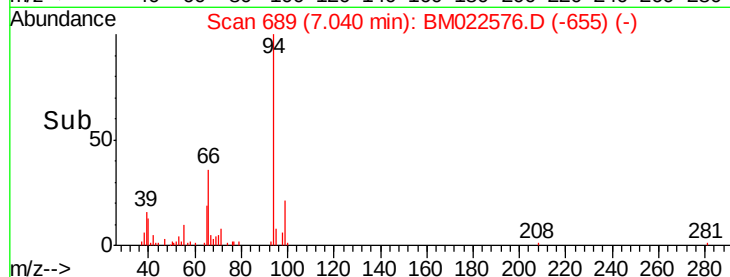
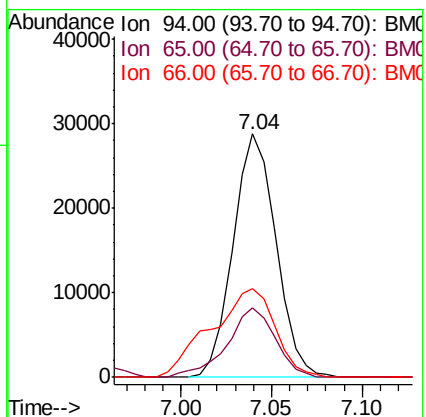
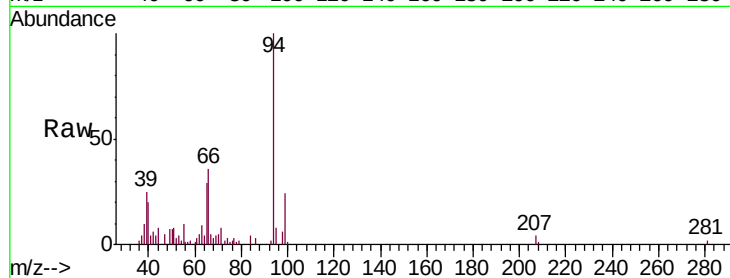
Tgt Ion: 94 Resp: 47315

Ion Ratio Lower Upper

94 100

65 28.8 22.8 34.2

66 36.3 29.1 43.7



#11

2-Methylphenol

Concen: 9.358 ng/ul

RT: 8.24 min Scan# 893

Delta R.T. -0.05 min

Lab File: BM022576.D

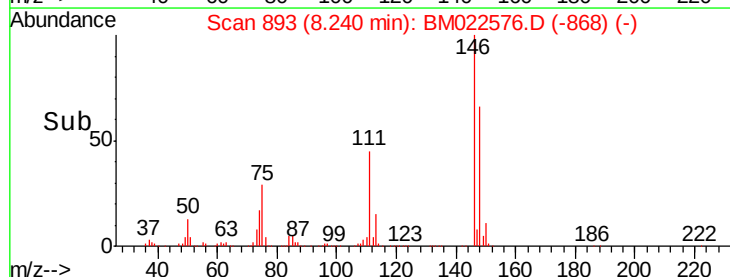
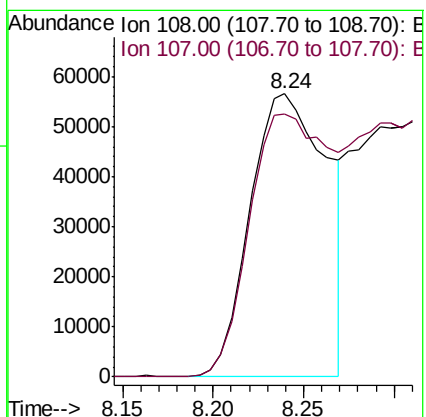
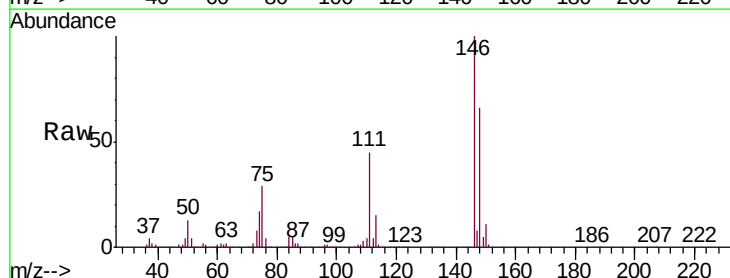
Acq: 08 Sep 2019 21:09

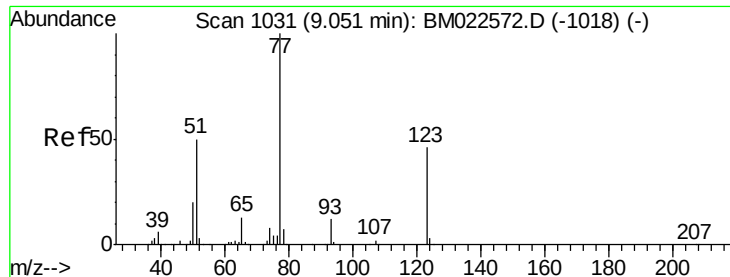
Tgt Ion: 108 Resp: 167374

Ion Ratio Lower Upper

108 100

107 93.0 70.7 106.1

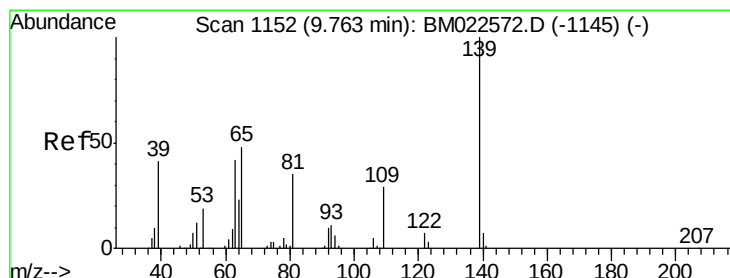
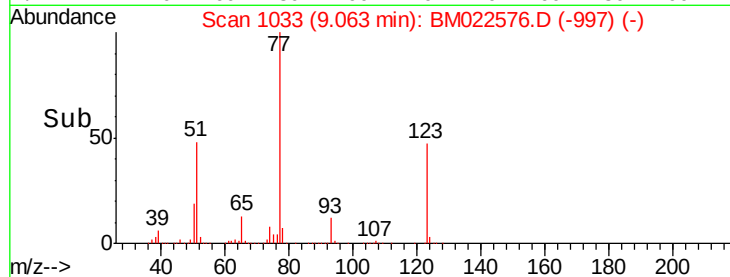
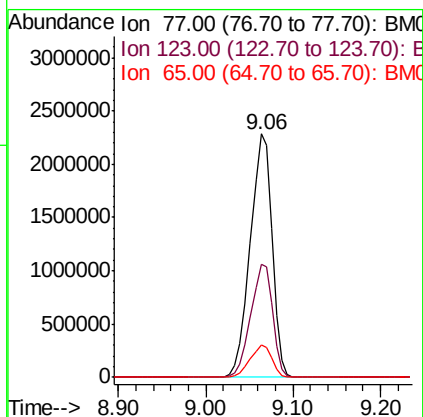
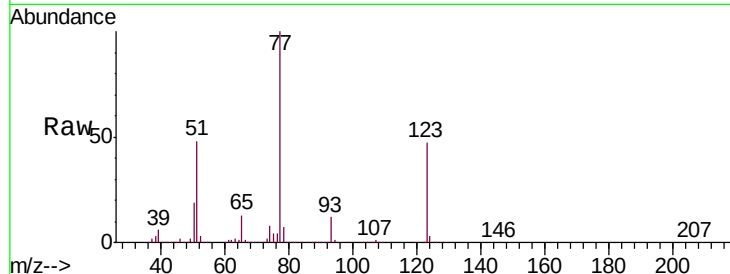




#20
 Nitrobenzene
 Concen: 147.602 ng/ul
 RT: 9.06 min Scan# 1033
 Delta R.T. 0.01 min
 Lab File: BM022576.D
 Acq: 08 Sep 2019 21:09

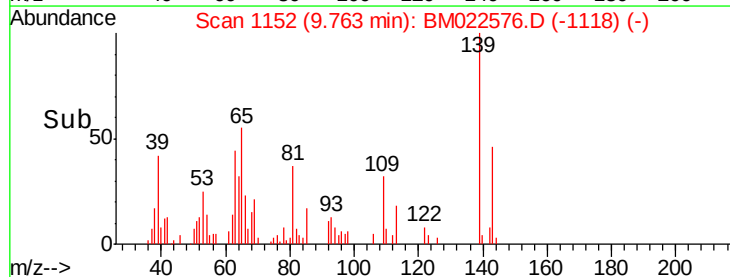
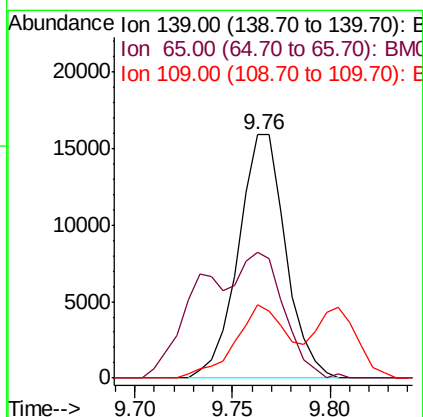
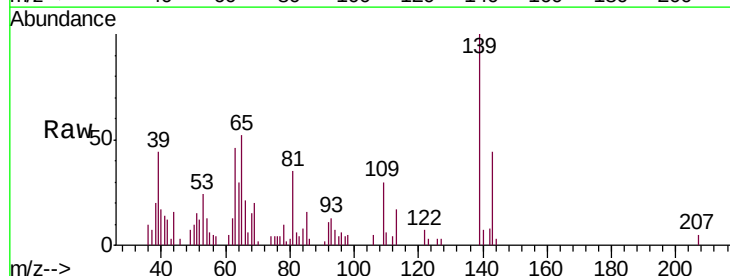
Instrument :
 BNA_M
 ClientSampleId :
 C0CJ5

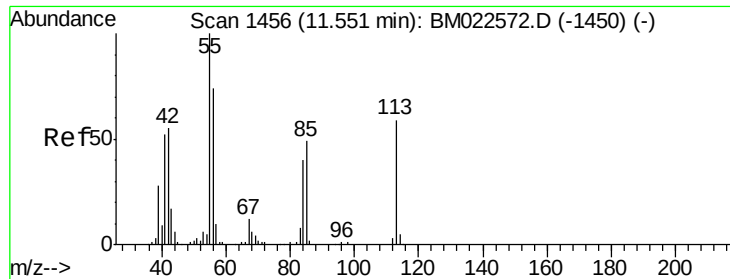
Tgt Ion: 77 Resp: 3845159
 Ion Ratio Lower Upper
 77 100
 123 46.6 35.8 53.6
 65 13.2 10.5 15.7



#23
 2-Nitrophenol
 Concen: 2.346 ng/ul
 RT: 9.76 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BM022576.D
 Acq: 08 Sep 2019 21:09

Tgt Ion: 139 Resp: 26733
 Ion Ratio Lower Upper
 139 100
 65 51.8 39.3 58.9
 109 30.1 23.5 35.3

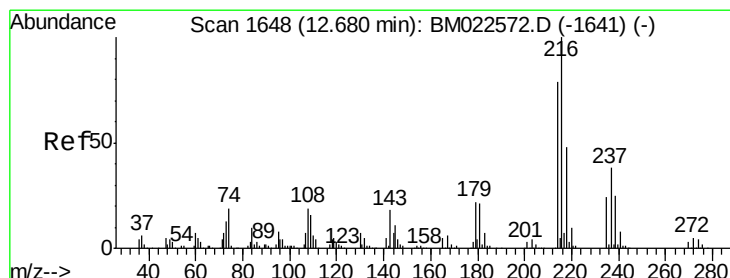
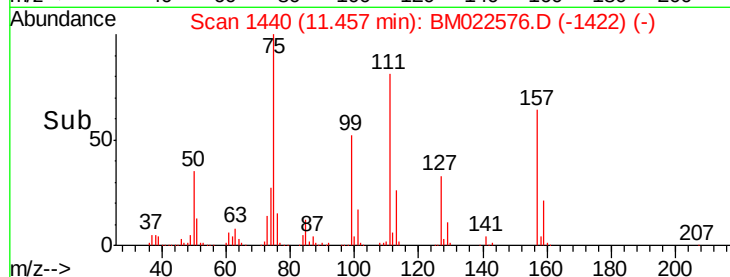
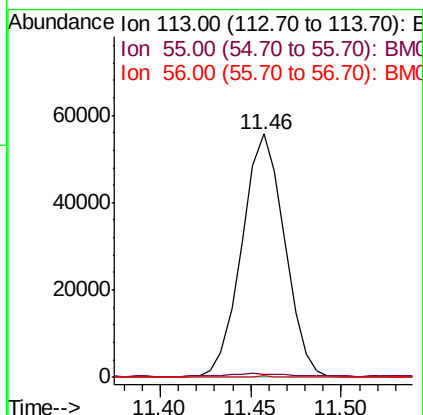
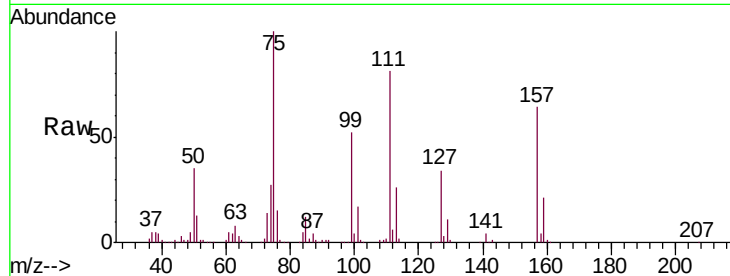




#32
 Caprolactam
 Concen: 10.213 ng/ul
 RT: 11.46 min Scan# 1440
 Delta R.T. -0.09 min
 Lab File: BM022576.D
 Acq: 08 Sep 2019 21:09

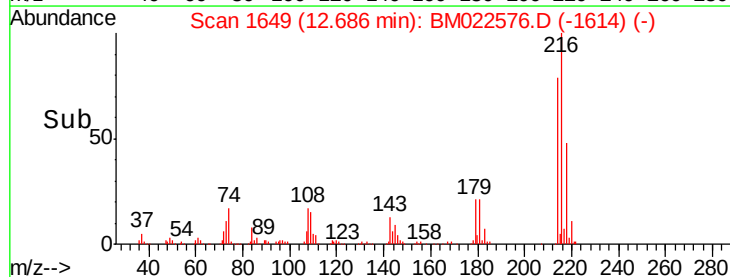
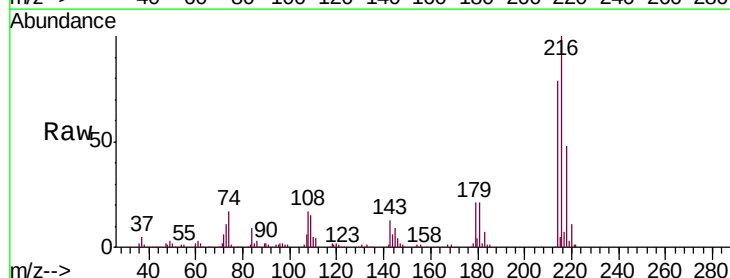
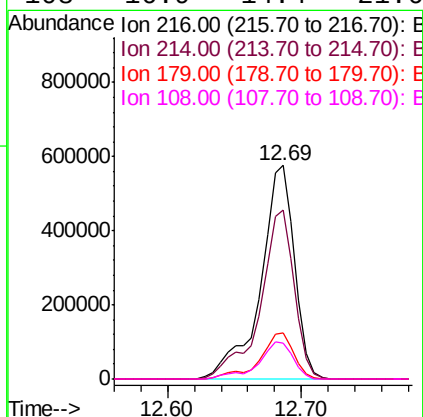
Instrument :
 BNA_M
 ClientSampled :
 C0CJ5

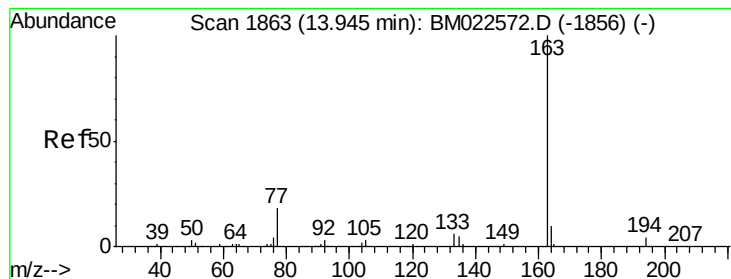
Tgt Ion:113 Resp: 91494
 Ion Ratio Lower Upper
 113 100
 55 1.1 135.6 203.4#
 56 0.6 98.4 147.6#



#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.508 ng/ul
 RT: 12.69 min Scan# 1649
 Delta R.T. 0.01 min
 Lab File: BM022576.D
 Acq: 08 Sep 2019 21:09

Tgt Ion:216 Resp: 1021947
 Ion Ratio Lower Upper
 216 100
 214 79.2 63.4 95.0
 179 21.3 16.7 25.1
 108 16.9 14.4 21.6





#45

Dimethylphthalate

Concen: 1.693 ng/uL

RT: 13.94 min Scan# 1862

Delta R.T. -0.01 min

Lab File: BM022576.D

Acq: 08 Sep 2019 21:09

Instrument :

BNA_M

ClientSampleId :

C0CJ5

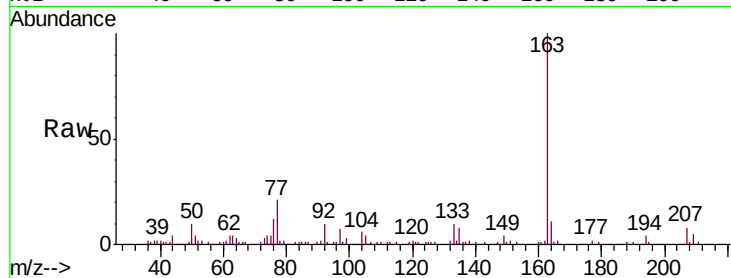
Tgt Ion:163 Resp: 124175

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

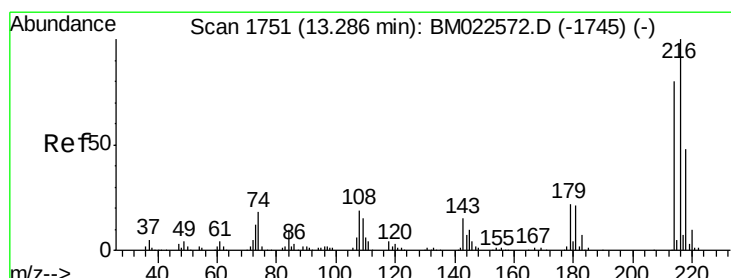
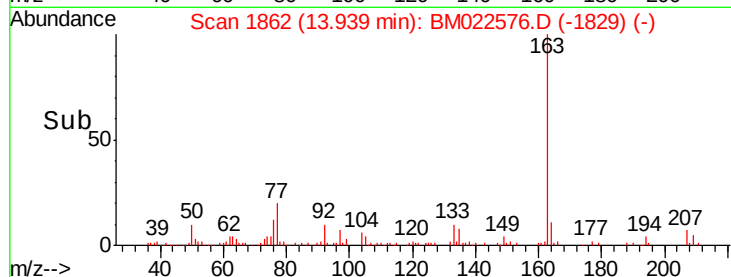
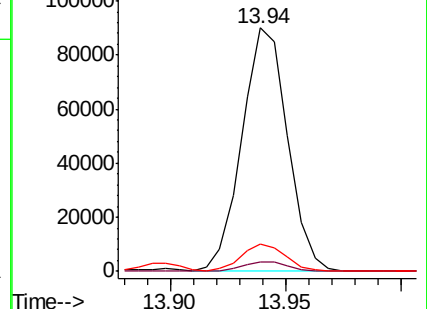
164 11.1 7.8 11.8



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



#73

1,2,3,4-Tetrachlorobenzene

Concen: 115.996 ng/uL

RT: 13.29 min Scan# 1752

Delta R.T. 0.01 min

Lab File: BM022576.D

Acq: 08 Sep 2019 21:09

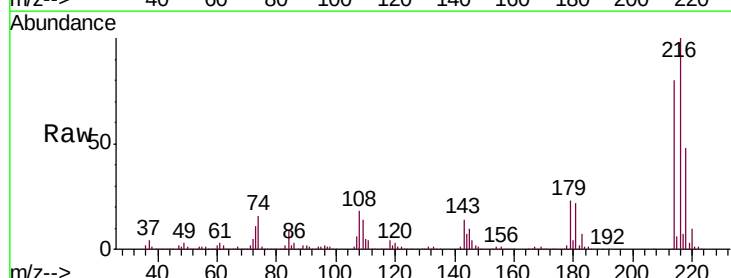
Tgt Ion:216 Resp: 3320754

Ion Ratio Lower Upper

216 100

214 80.5 62.5 93.7

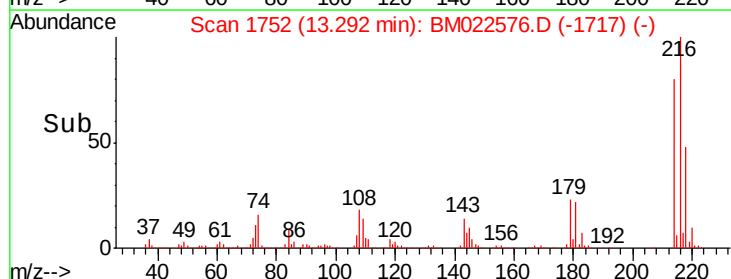
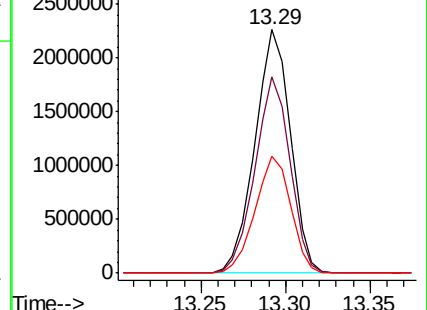
218 48.1 38.2 57.4

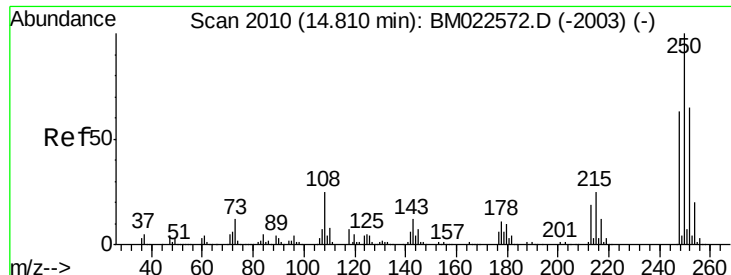


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E





#74

Pentachlorobenzene

Concen: 2.801 ng/uL

RT: 14.81 min Scan# 2010

Delta R.T. -0.00 min

Lab File: BM022576.D

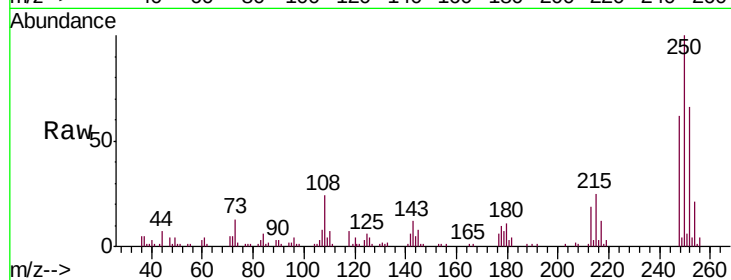
Acq: 08 Sep 2019 21:09

Instrument :

BNA_M

ClientSampleId :

C0CJ5



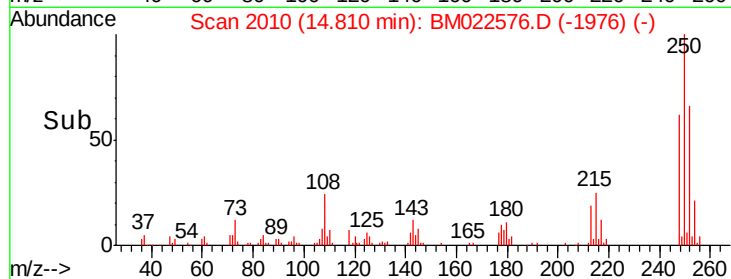
Tgt Ion: 250 Resp: 80839

Ion Ratio Lower Upper

250 100

248 62.4 51.3 76.9

252 65.9 51.1 76.7



Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E

