

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP030520\
 Data File : BP002073.D
 Acq On : 05 Mar 2020 17:06
 Operator : CG/JU
 Sample : L1780-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Mar 06 06:31:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 05 06:21:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	280792	20.00	ng/ul	0.01
18) Naphthalene-d8	10.41	136	1170082	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	745090	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	1615870	20.00	ng/ul	0.00
78) Chrysene-d12	21.12	240	1594678	20.00	ng/ul	0.00
86) Perylene-d12	23.33	264	1813913	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	26535	4.06	ng/uL	0.00
5) Phenol-d5	6.82	99	31249	1.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	93794	8.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	112581	6.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	61382	3.49	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	60324	6.71	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	64612	6.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	128556	6.60	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	10869	0.51	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	437175	7.75	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	506436	7.51	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	3747	0.35	ng/ul	0.02
58) Fluorene-d10	15.27	176	401675	8.23	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	28083	3.15	ng/ul	0.00
71) Anthracene-d10	17.12	188	616108	8.48	ng/ul	0.00
79) Pyrene-d10	19.37	212	729936	8.74	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.19	264	755631	8.14	ng/ul	-0.01

Target Compounds

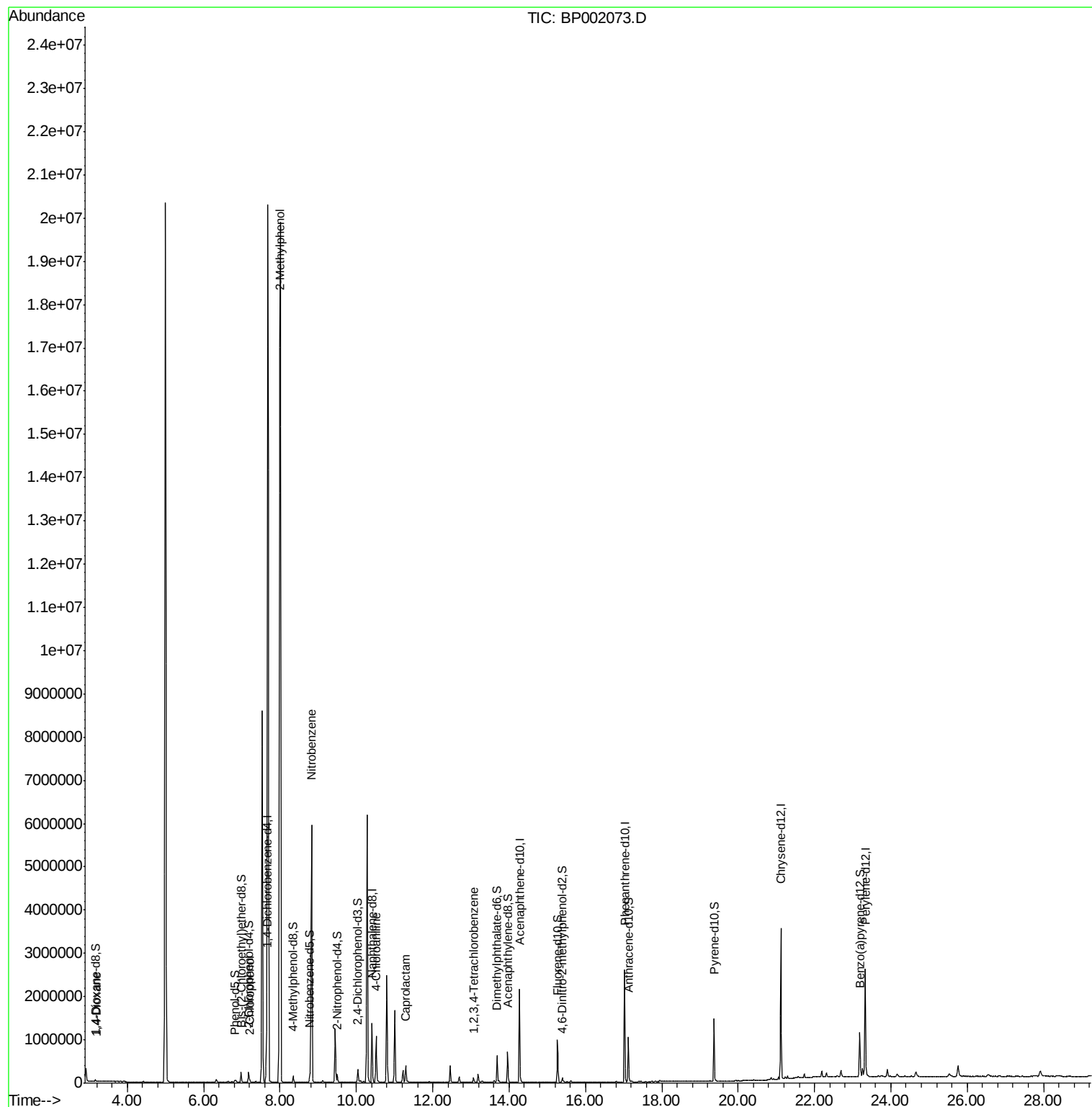
					Ovalue	
2) 1,4-Dioxane	3.20	88	7458	1.071	ng/uL#	88
10) 2-Chlorophenol	7.20	128	26021	1.370	ng/ul	98
11) 2-Methylphenol	8.00	108	97789	5.624	ng/ul	96
20) Nitrobenzene	8.83	77	3493364	174.431	ng/ul	100
30) 4-Chloroaniline	10.52	127	572834	26.989	ng/ul	99
32) Caprolactam	11.29	113	87678	13.783	ng/ul	96
73) 1,2,3,4-Tetrachlorobenzene	13.07	216	37530	1.446	ng/uL	99

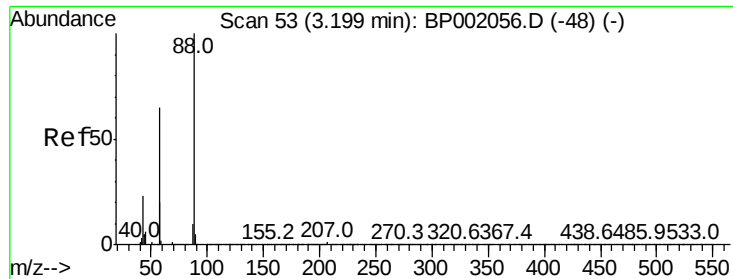
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 1.071 ng/uL

RT: 3.20 min Scan# 53

Delta R.T. -0.00 min

Lab File: BP002073.D

Acq: 05 Mar 2020 17:06

Instrument :

BNA_P

ClientSampleId :

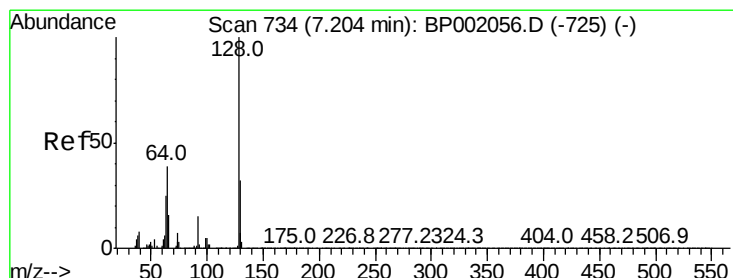
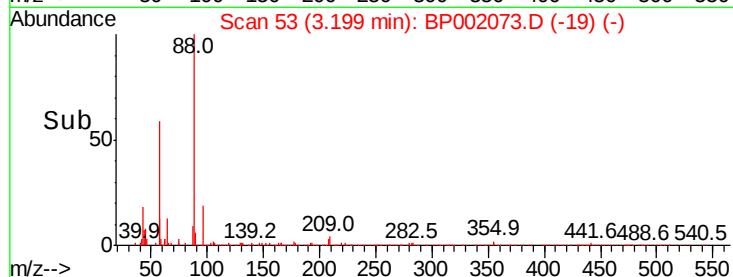
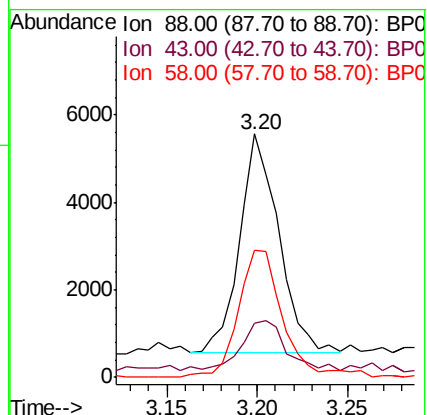
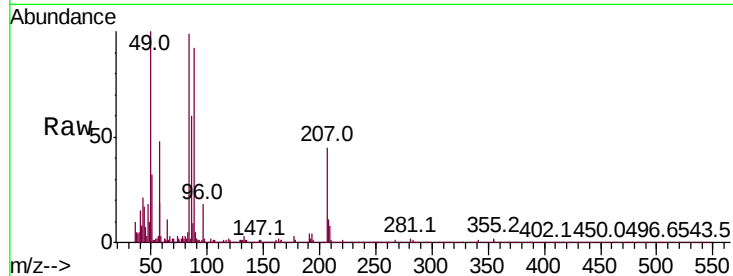
Tot Ion: 88 Resp: 7458

Ion	Ratio	Lower	Upper
88	100		
43	22.4	22.6	34.0#
58	52.2	49.6	74.4

88 100

43 22.4 22.6 34.0#

58 52.2 49.6 74.4



#10

2-Chlorophenol

Concen: 1.370 ng/uL

RT: 7.20 min Scan# 734

Delta R.T. -0.00 min

Lab File: BP002073.D

Acq: 05 Mar 2020 17:06

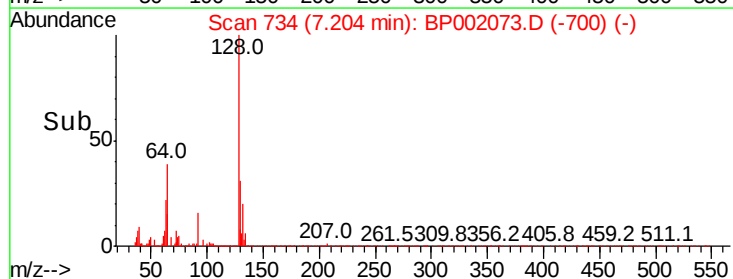
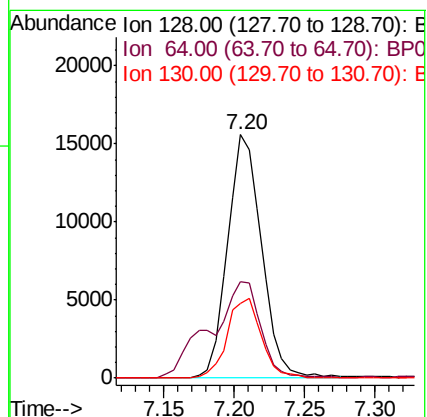
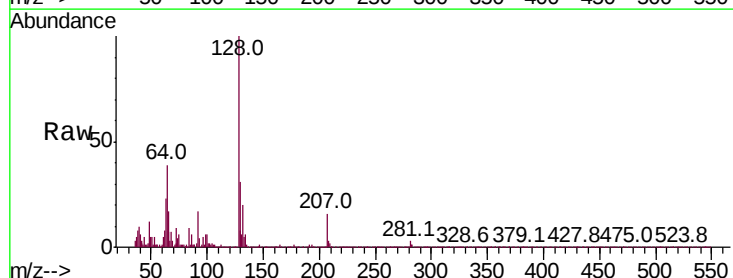
Tgt Ion: 128 Resp: 26021

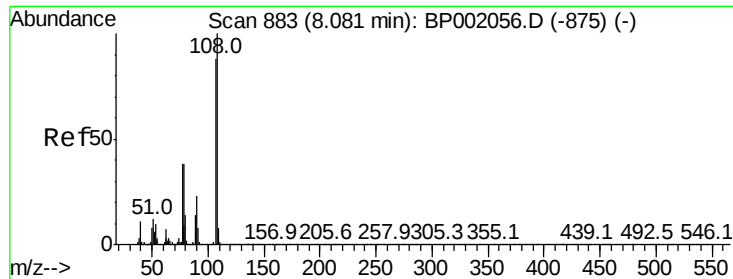
Ion	Ratio	Lower	Upper
128	100		
64	39.5	31.5	47.3
130	30.9	26.3	39.5

128 100

64 39.5 31.5 47.3

130 30.9 26.3 39.5

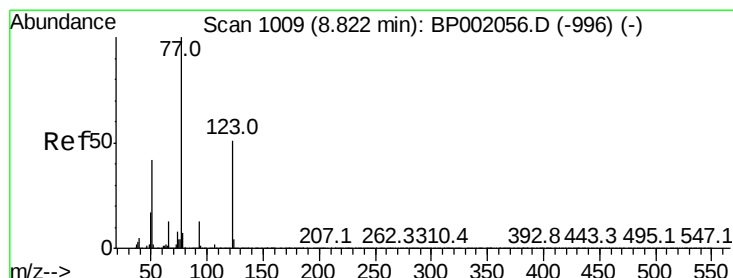
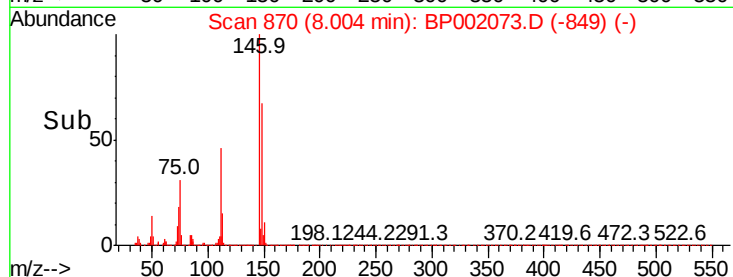
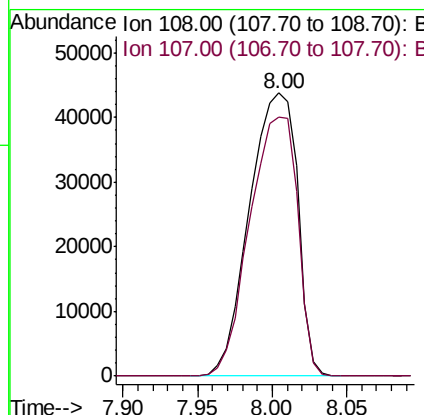
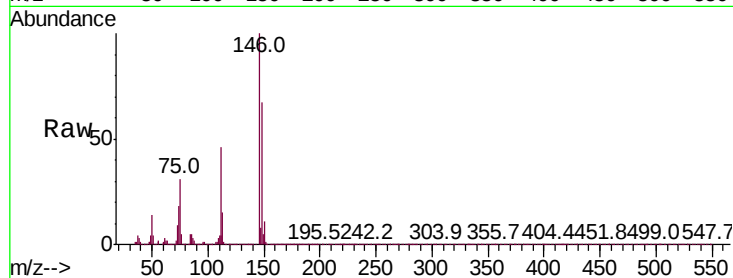




#11
2-Methylphenol
Concen: 5.624 ng/ul
RT: 8.00 min Scan# 870
Delta R.T. -0.08 min
Lab File: BP002073.D
Acq: 05 Mar 2020 17:06

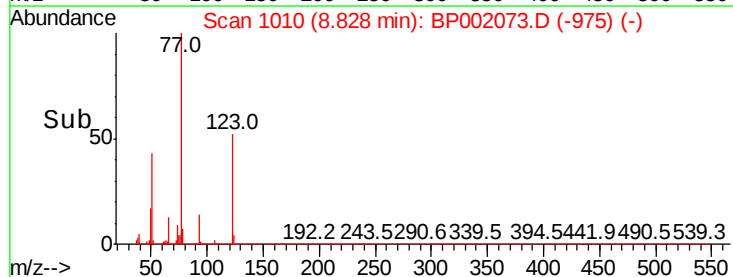
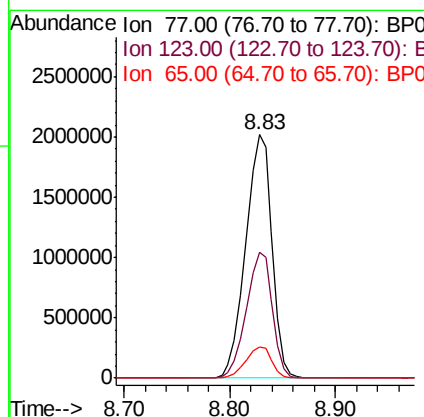
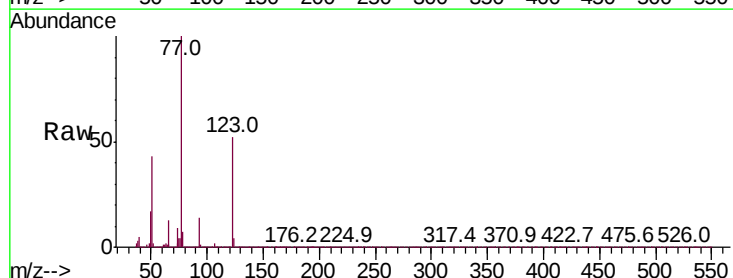
Instrument :
BNA_P
ClientSampleId :

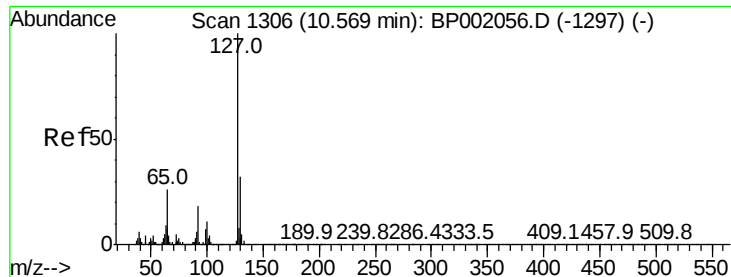
Tot Ion:108 Resp: 97789
Ion Ratio Lower Upper
108 100
107 91.6 70.5 105.7



#20
Nitrobenzene
Concen: 174.431 ng/ul
RT: 8.83 min Scan# 1010
Delta R.T. 0.01 min
Lab File: BP002073.D
Acq: 05 Mar 2020 17:06

Tgt Ion: 77 Resp: 3493364
Ion Ratio Lower Upper
77 100
123 51.7 41.4 62.0
65 12.9 9.9 14.9

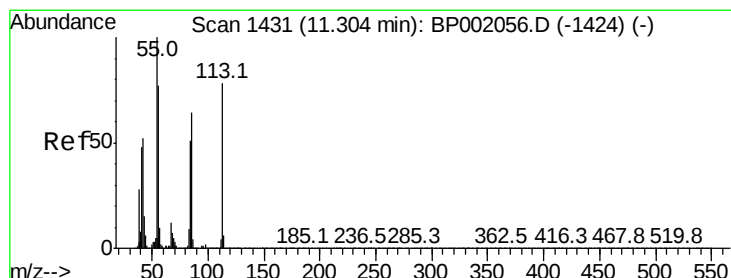
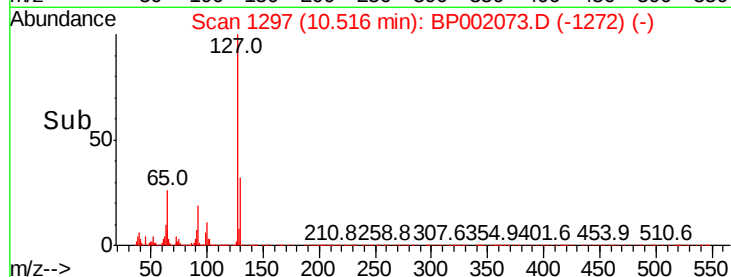
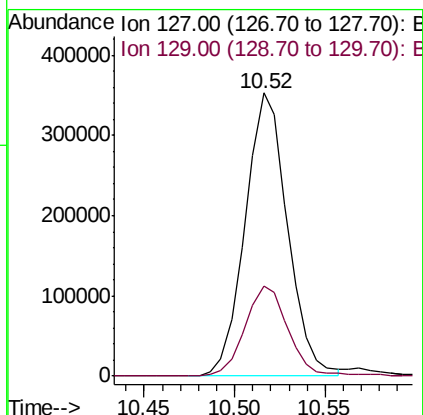
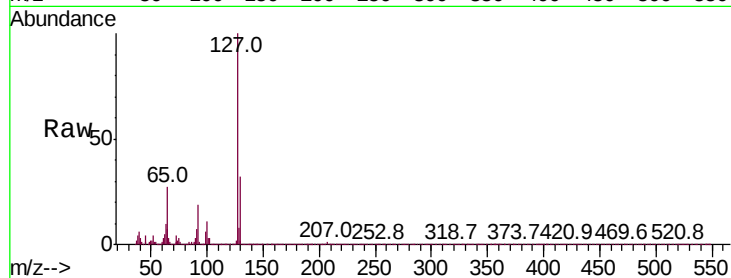




#30
4-Chloroaniline
Concen: 26.989 ng/ul
RT: 10.52 min Scan# 1297
Delta R.T. -0.05 min
Lab File: BP002073.D
Acq: 05 Mar 2020 17:06

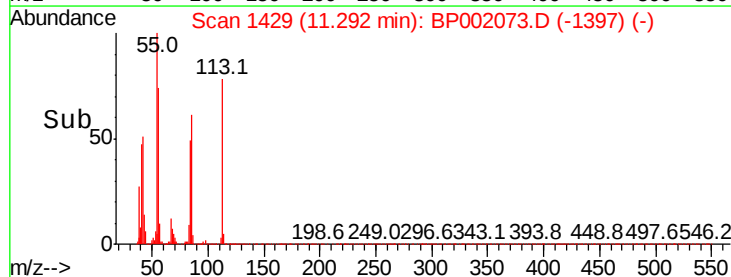
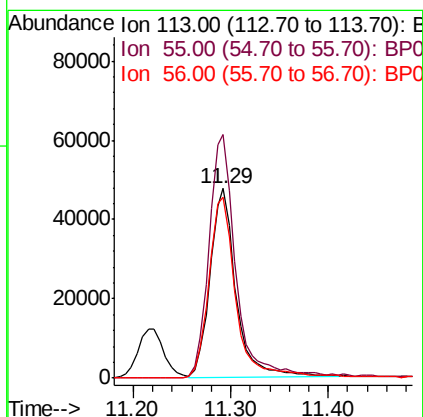
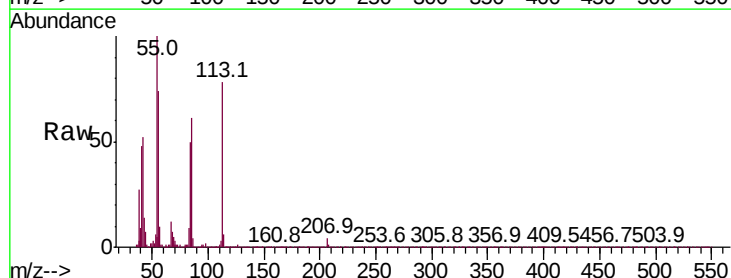
Instrument :
BNA_P
ClientSampleId :

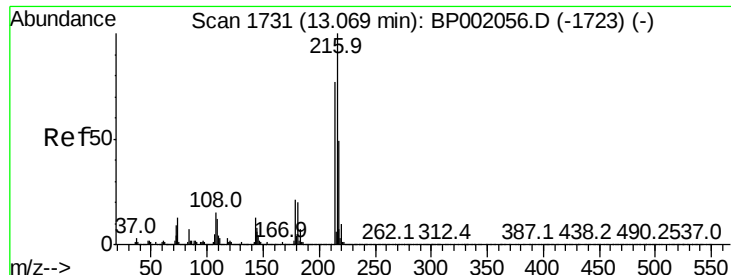
Tot Ion:127 Resp: 572834
Ion Ratio Lower Upper
127 100
129 32.0 25.9 38.9



#32
Caprolactam
Concen: 13.783 ng/ul
RT: 11.29 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BP002073.D
Acq: 05 Mar 2020 17:06

Tgt Ion:113 Resp: 87678
Ion Ratio Lower Upper
113 100
55 128.5 97.4 146.0
56 95.5 75.4 113.0





#73

1,2,3,4-Tetrachlorobenzene

Concen: 1.446 ng/uL

RT: 13.07 min Scan# 1731

Delta R.T. -0.00 min

Lab File: BP002073.D

Acq: 05 Mar 2020 17:06

Instrument :

BNA_P

ClientSampleId :

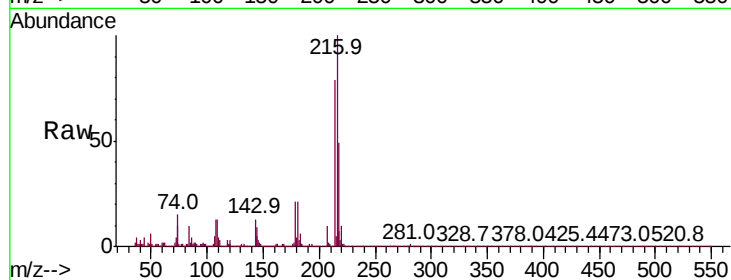
Tot Ion:216 Resp: 37530

Ion Ratio Lower Upper

216 100

214 79.4 63.1 94.7

218 49.0 38.2 57.2



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

