

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP030520\
 Data File : BP002081.D
 Acq On : 05 Mar 2020 21:38
 Operator : CG/JU
 Sample : L1780-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Mar 06 06:33:00 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	252174	20.00	ng/ul	0.02
18) Naphthalene-d8	10.41	136	1125953	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	717940	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	1570777	20.00	ng/ul	0.00
78) Chrysene-d12	21.12	240	1614935	20.00	ng/ul	-0.01
86) Perylene-d12	23.33	264	1824306	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	28358	4.83	ng/uL	0.00
5) Phenol-d5	6.82	99	38913	2.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	78889	7.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	103191	6.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	61071	3.86	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	49731	5.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	53486	5.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	108385	5.78	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	14728	0.72	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	363173	6.68	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	406982	6.26	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	5257	0.51	ng/ul	0.01
58) Fluorene-d10	15.27	176	326455	6.94	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	22366	2.58	ng/ul	0.00
71) Anthracene-d10	17.12	188	518852	7.35	ng/ul	0.00
79) Pyrene-d10	19.37	212	637304	7.54	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.19	264	682143	7.31	ng/ul	-0.01

Target Compounds

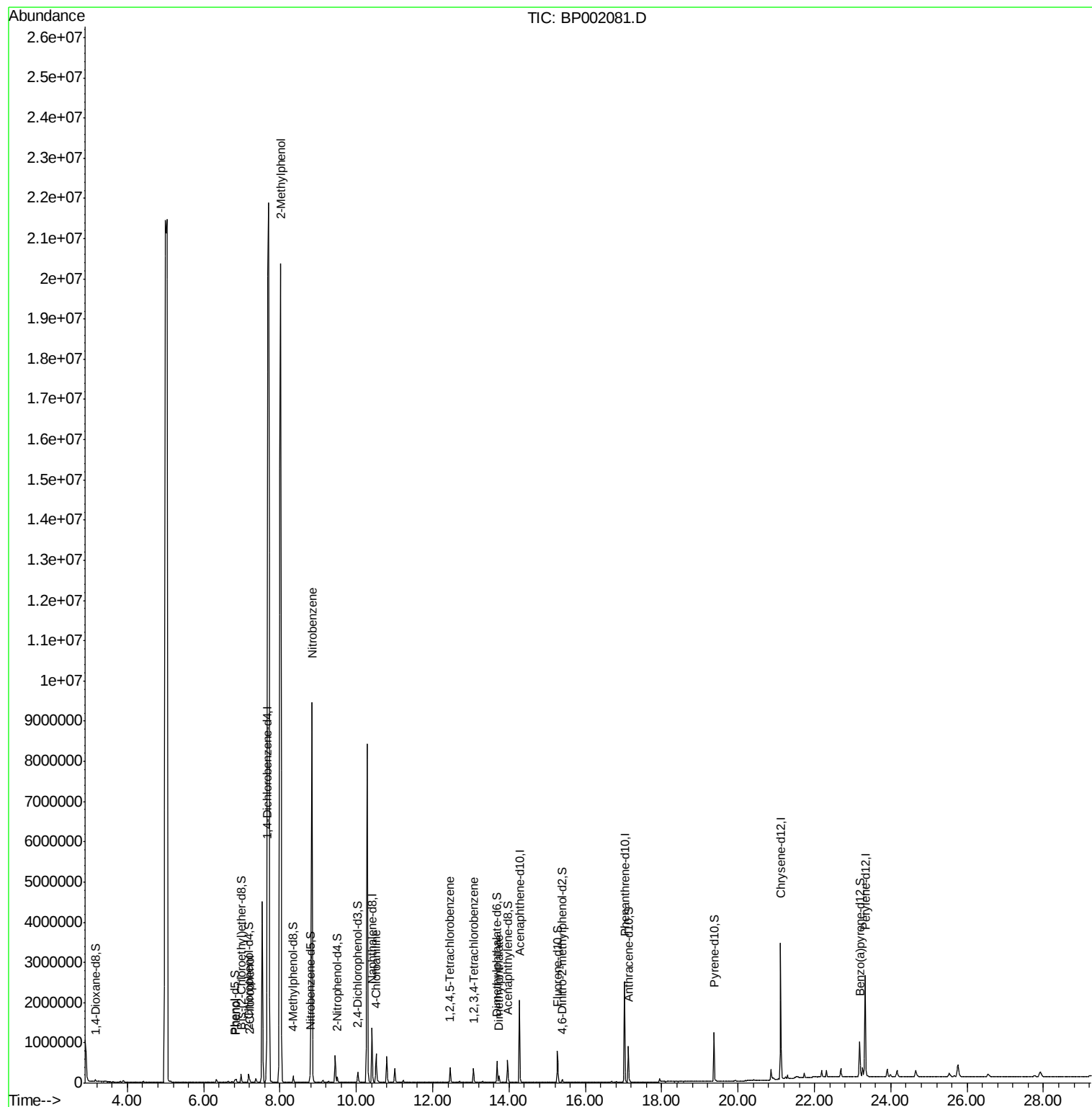
					Ovalue
6) Phenol	6.85	94	41235	2.065	ng/ul 96
10) 2-Chlorophenol	7.21	128	38234	2.241	ng/ul 97
11) 2-Methylphenol	8.02	108	122789	7.864	ng/ul 97
20) Nitrobenzene	8.84	77	6089565	315.982	ng/ul 99
30) 4-Chloroaniline	10.52	127	393155	19.249	ng/ul 99
37) 1,2,4,5-Tetrachlorobenzene	12.46	216	110384	4.612	ng/ul 97
45) Dimethylphthalate	13.73	163	121411	2.165	ng/ul 100
73) 1,2,3,4-Tetrachlorobenzene	13.07	216	123879	4.909	ng/uL 96

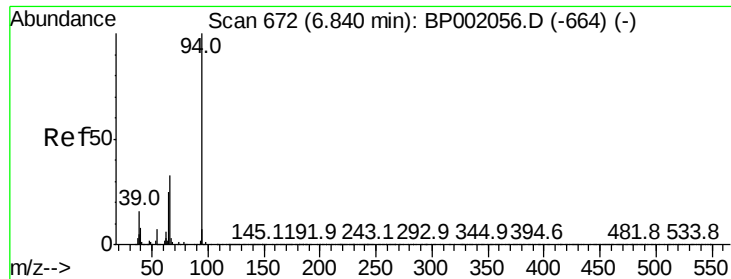
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.065 ng/ul

RT: 6.85 min Scan# 673

Delta R.T. 0.01 min

Lab File: BP002081.D

Acq: 05 Mar 2020 21:38

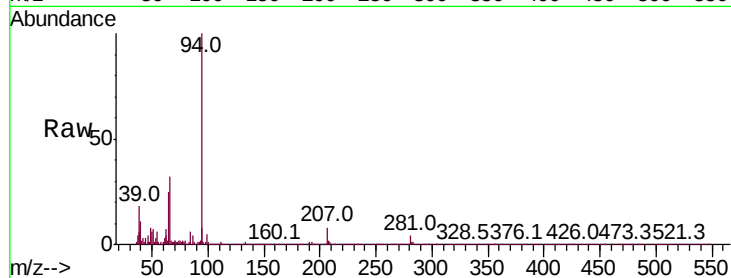
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 94 Resp: 41235

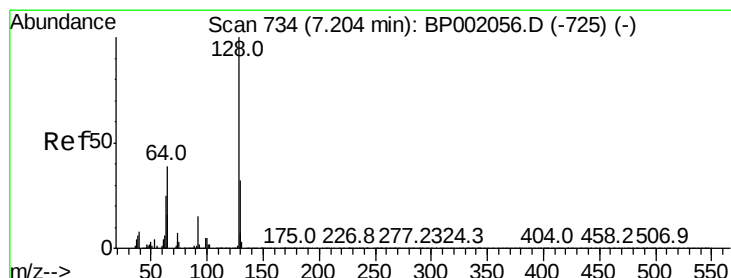
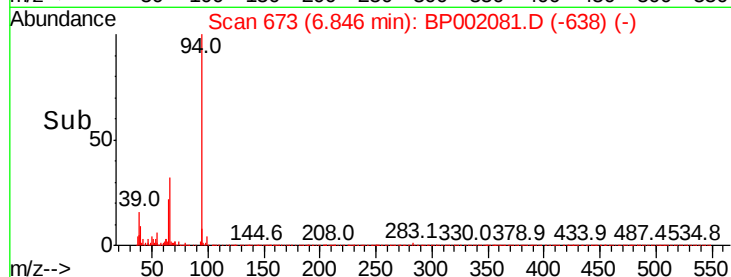
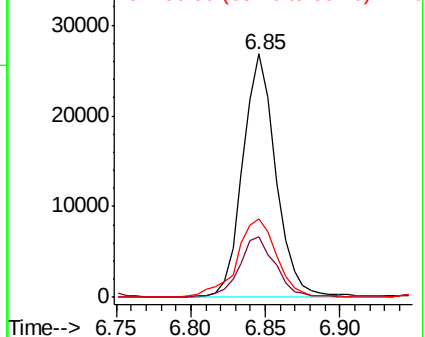
Ion	Ratio	Lower	Upper
94	100		
65	24.9	20.6	30.8
66	32.2	28.2	42.2



Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0



#10

2-Chlorophenol

Concen: 2.241 ng/ul

RT: 7.21 min Scan# 735

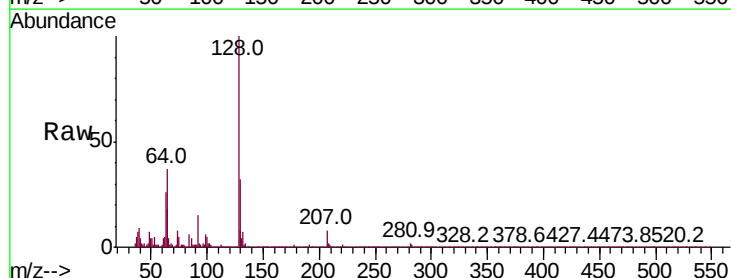
Delta R.T. 0.01 min

Lab File: BP002081.D

Acq: 05 Mar 2020 21:38

Tgt Ion: 128 Resp: 38234

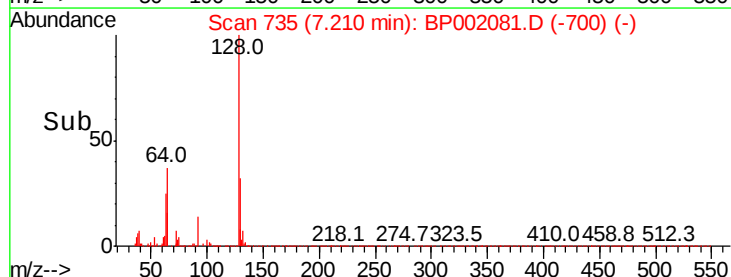
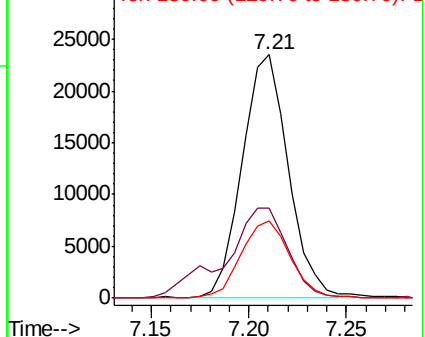
Ion	Ratio	Lower	Upper
128	100		
64	37.0	31.5	47.3
130	31.5	26.3	39.5

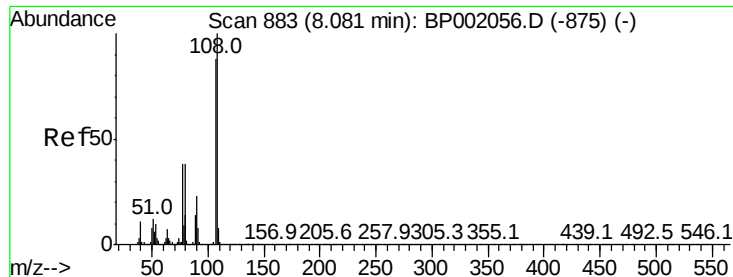


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 130.00 (129.70 to 130.70): E

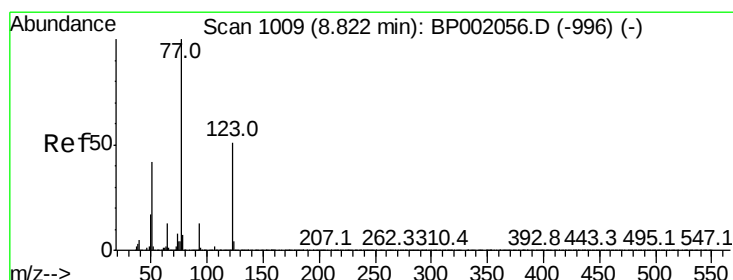
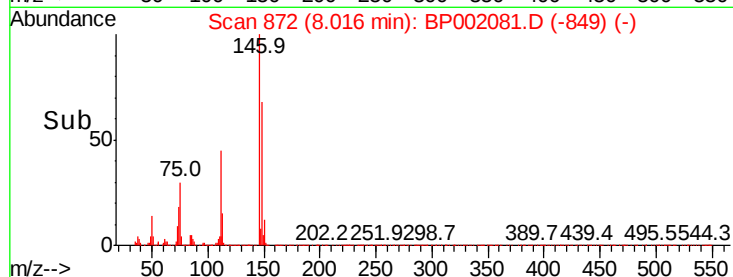
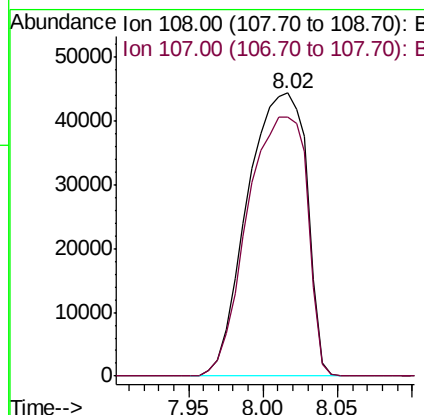
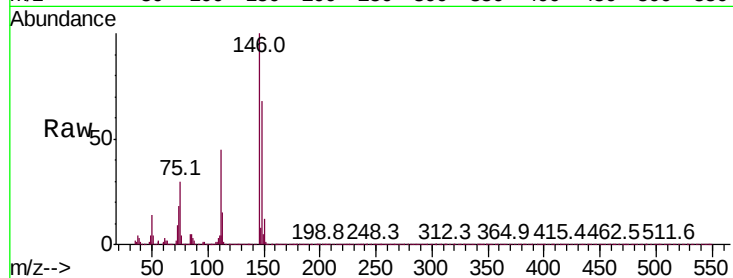




#11
2-Methylphenol
Concen: 7.864 ng/ul
RT: 8.02 min Scan# 872
Delta R.T. -0.06 min
Lab File: BP002081.D
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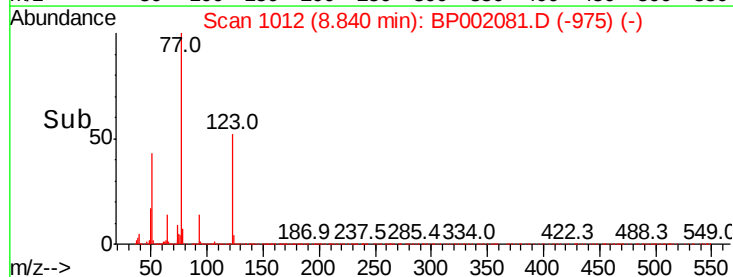
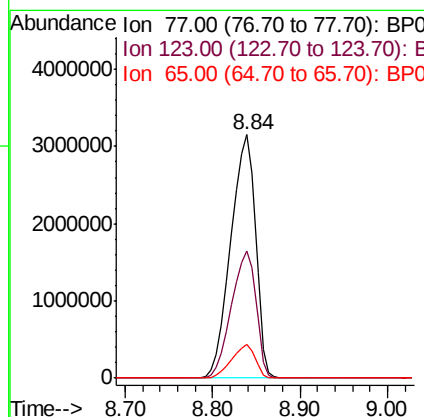
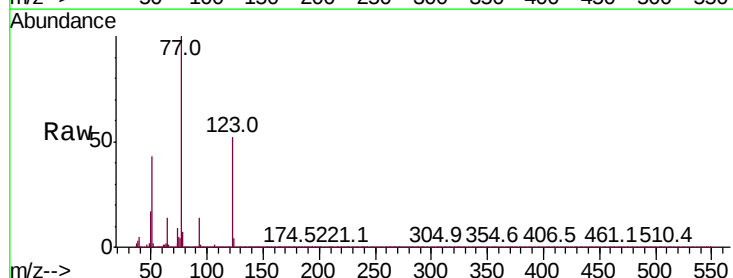
Instrument :
BNA_P
ClientSampleId :

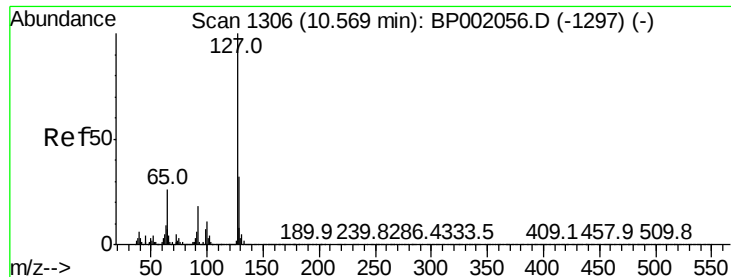
Tot Ion:108 Resp: 122789
Ion Ratio Lower Upper
108 100
107 91.3 70.5 105.7



#20
Nitrobenzene
Concen: 315.982 ng/ul
RT: 8.84 min Scan# 1012
Delta R.T. 0.02 min
Lab File: BP002081.D
Acq: 05 Mar 2020 21:38

Tgt Ion: 77 Resp: 6089565
Ion Ratio Lower Upper
77 100
123 52.5 41.4 62.0
65 13.6 9.9 14.9

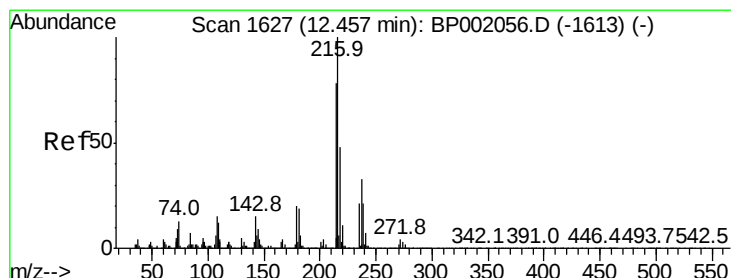
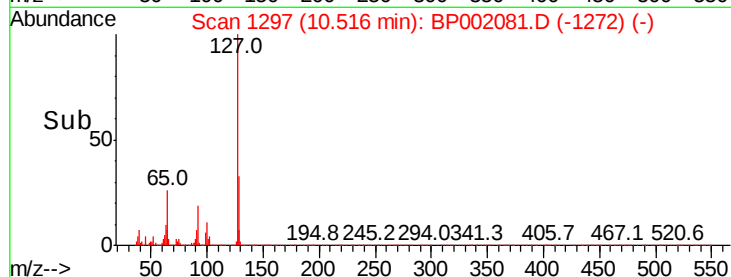
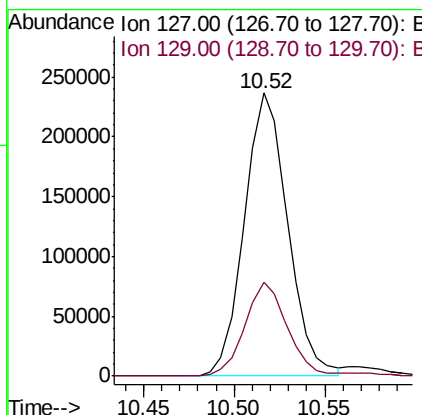
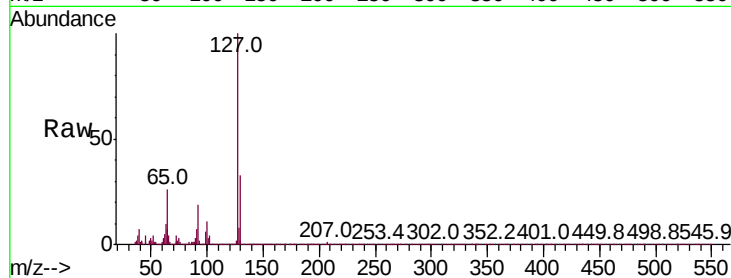




#30
4-Chloroaniline
Concen: 19.249 ng/ul
RT: 10.52 min Scan# 1297
Delta R.T. -0.05 min
Lab File: BP002081.D
Acq: 05 Mar 2020 21:38

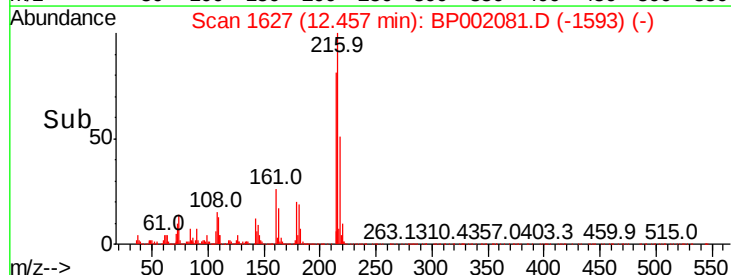
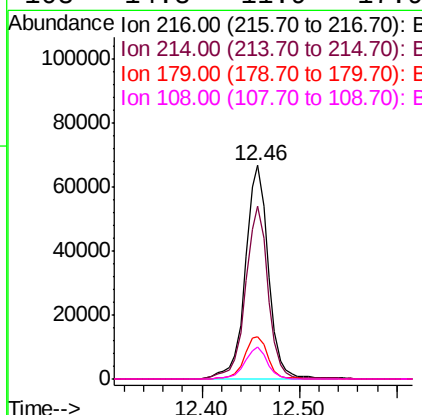
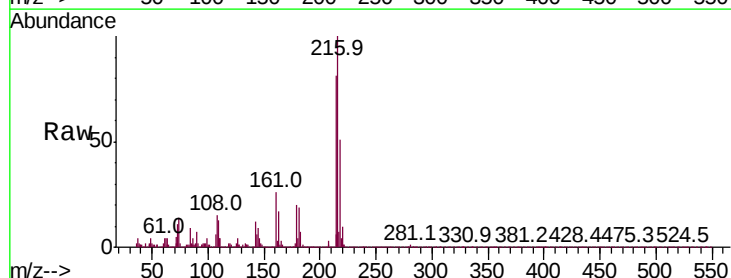
Instrument :
BNA_P
ClientSampleId :

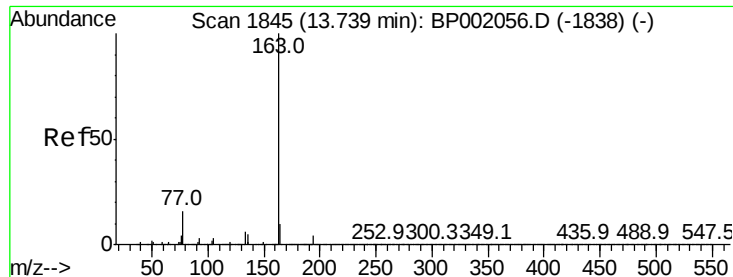
Tot Ion:127 Resp: 393155
Ion Ratio Lower Upper
127 100
129 33.1 25.9 38.9



#37
1,2,4,5-Tetrachlorobenzene
Concen: 4.612 ng/ul
RT: 12.46 min Scan# 1627
Delta R.T. 0.00 min
Lab File: BP002081.D
Acq: 05 Mar 2020 21:38

Tgt Ion:216 Resp: 110384
Ion Ratio Lower Upper
216 100
214 81.2 61.8 92.8
179 20.0 16.0 24.0
108 14.8 11.9 17.9

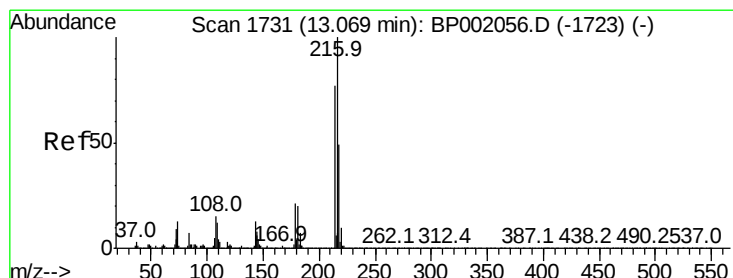
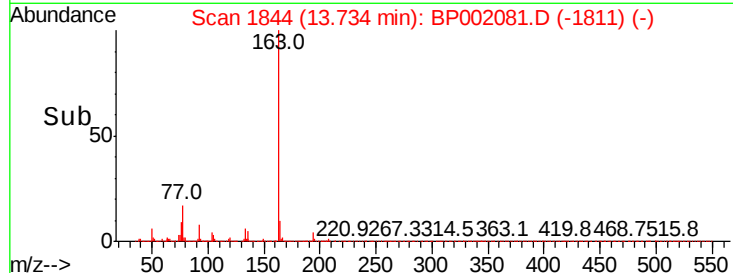
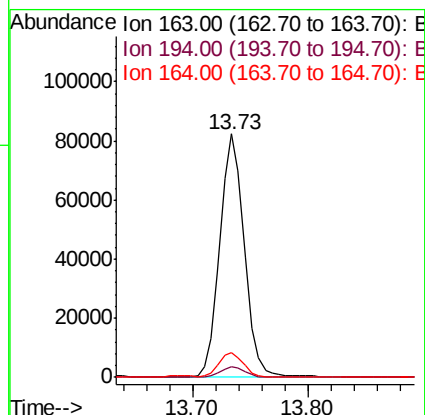
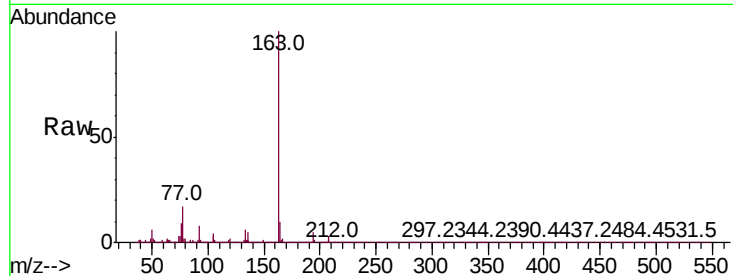




#45
Dimethylphthalate
Concen: 2.165 ng/ul
RT: 13.73 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BP002081.D
Acq: 05 Mar 2020 21:38

Instrument :
BNA_P
ClientSampled :

Tot Ion:163 Resp: 121411
Ion Ratio Lower Upper
163 100
194 4.5 3.6 5.4
164 10.1 8.2 12.4



#73
1,2,3,4-Tetrachlorobenzene
Concen: 4.909 ng/uL
RT: 13.07 min Scan# 1731
Delta R.T. 0.00 min
Lab File: BP002081.D
Acq: 05 Mar 2020 21:38

Tgt Ion:216 Resp: 123879
Ion Ratio Lower Upper
216 100
214 74.0 63.1 94.7
218 48.5 38.2 57.2

