

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP030520\
 Data File : BP002072.D
 Acq On : 05 Mar 2020 16:32
 Operator : CG/JU
 Sample : L1780-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Mar 06 06:31:18 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	7.66	152	206197	20.00	ng/ul	0.02
18) Naphthalene-d8	10.42	136	1000832	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.27	164	693842	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	1471927	20.00	ng/ul	0.00
78) Chrysene-d12	21.12	240	1431404	20.00	ng/ul	0.00
86) Perylene-d12	23.33	264	1616460	20.00	ng/ul	-0.01

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.17	96	32630	6.80	ng/uL	0.00
5) Phenol-d5	6.82	99	147830	9.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	372677	44.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	478284	35.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	246838	19.10	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	259783	33.79	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	295364	34.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	529762	31.79	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	38641	2.12	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	1732927	33.00	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	2100017	33.44	ng/ul	0.00
52) 4-Nitrophenol-d4	14.48	143	41002	4.08	ng/ul	0.00
58) Fluorene-d10	15.27	176	1527907	33.63	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	182458	22.49	ng/ul	0.00
71) Anthracene-d10	17.13	188	2393643	36.18	ng/ul	0.00
79) Pyrene-d10	19.37	212	2748858	36.68	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.19	264	2976392	35.99	ng/ul	-0.01

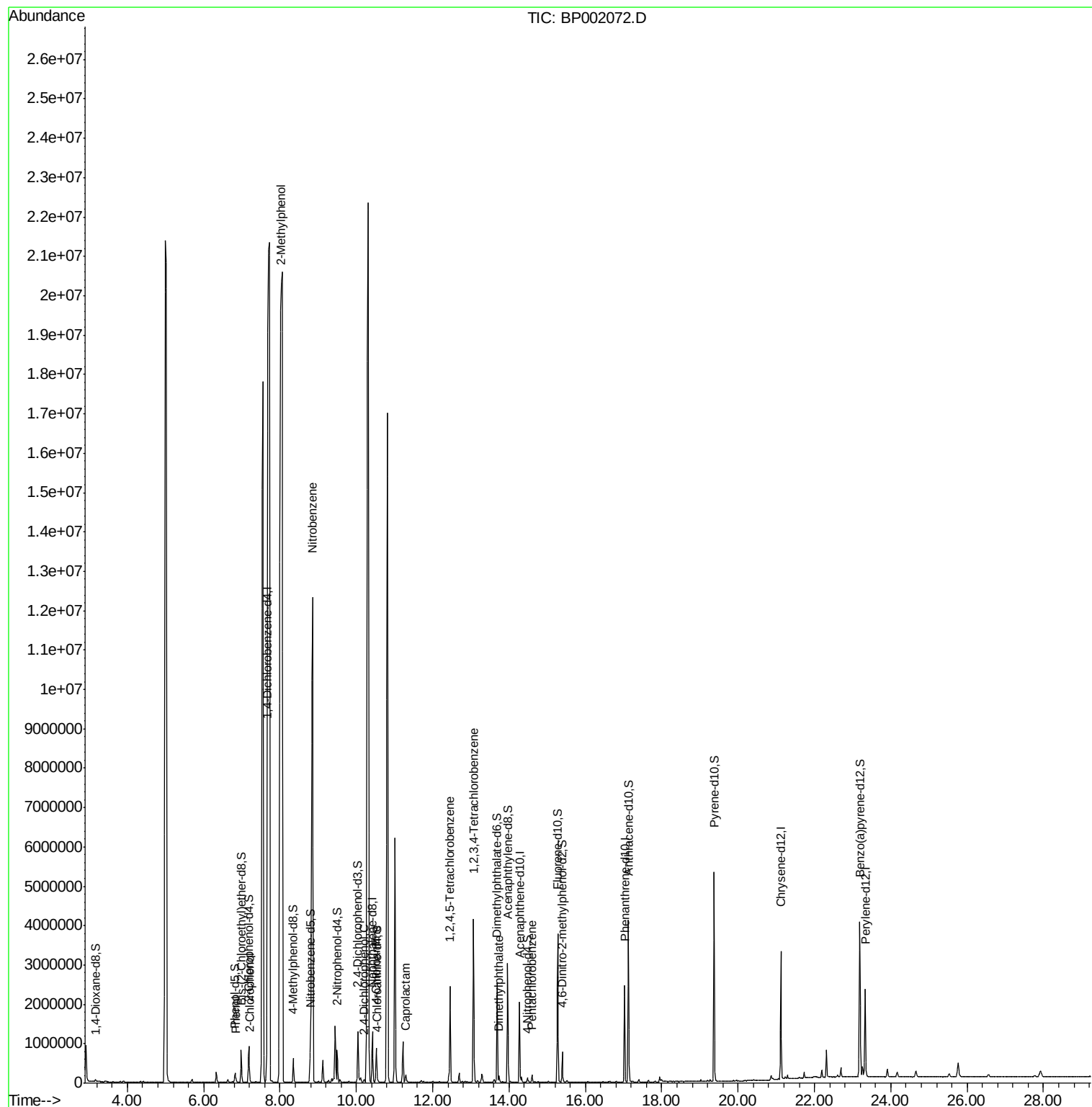
Target Compounds				Ovalue		
6) Phenol	6.85	94	35686	2.185	ng/ul	99
10) 2-Chlorophenol	7.21	128	40069	2.872	ng/ul	98
11) 2-Methylphenol	8.01	108	79119	6.197	ng/ul	95
20) Nitrobenzene	8.85	77	9172975	535.482	ng/ul	97
27) 2,4-Dichlorophenol	10.20	162	24308	1.468	ng/ul	96
30) 4-Chloroaniline	10.52	127	458643	25.263	ng/ul	98
32) Caprolactam	11.29	113	49264	9.054	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.46	216	709914	30.692	ng/ul	100
45) Dimethylphthalate	13.73	163	99327	1.833	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.07	216	1351439	57.150	ng/uL	98
74) Pentachlorobenzene	14.60	250	53325	2.284	ng/uL	97

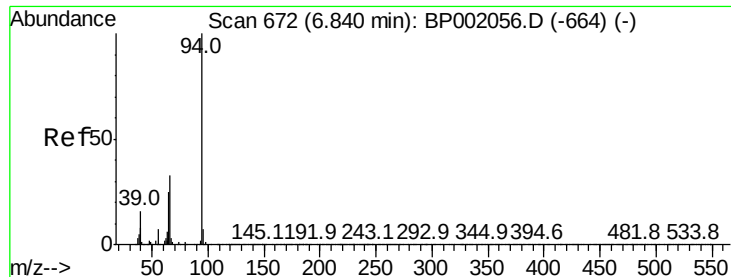
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#6

Phenol

Concen: 2.185 ng/ul

RT: 6.85 min Scan# 673

Delta R.T. 0.01 min

Lab File: BP002072.D

Acq: 05 Mar 2020 16:32

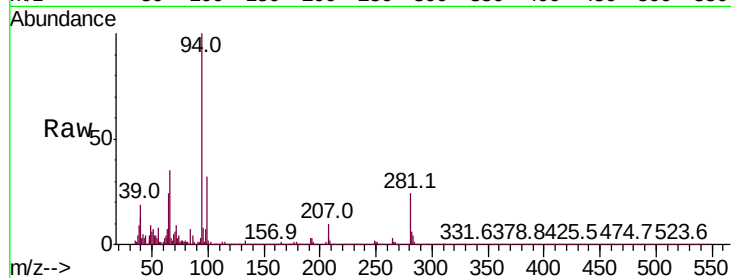
Instrument :

BNA_P

ClientSampled :

Tot Ion: 94 Resp: 35686

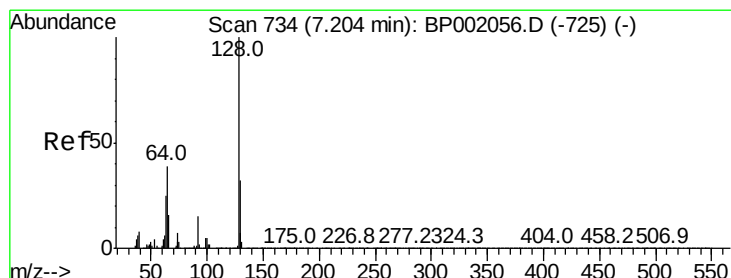
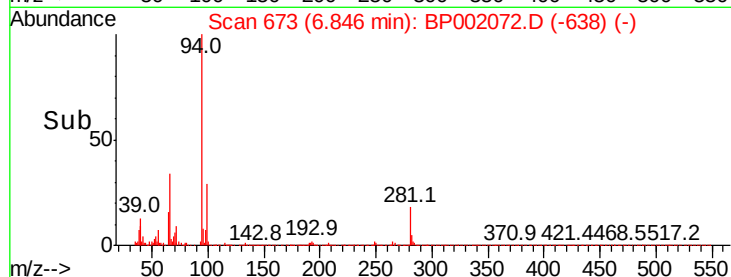
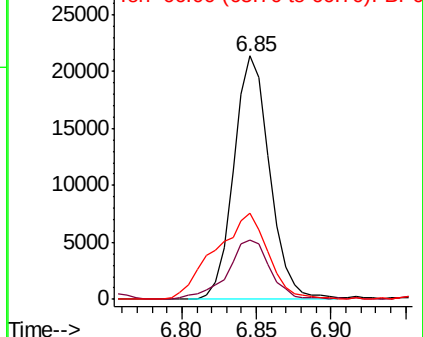
Ion	Ratio	Lower	Upper
94	100		
65	24.4	20.6	30.8
66	35.4	28.2	42.2



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: 2.872 ng/ul

RT: 7.21 min Scan# 735

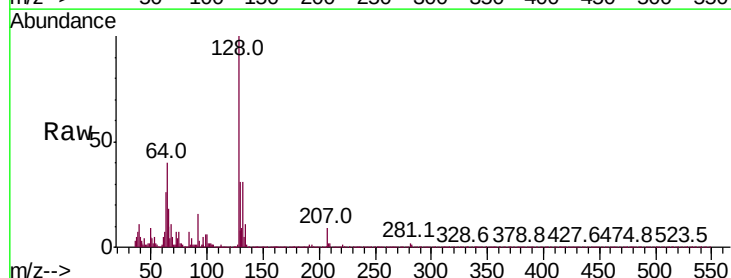
Delta R.T. 0.01 min

Lab File: BP002072.D

Acq: 05 Mar 2020 16:32

Tgt Ion: 128 Resp: 40069

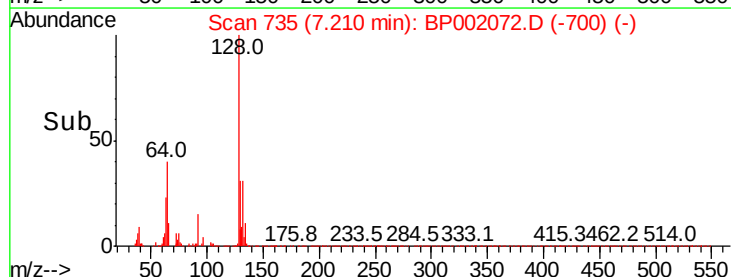
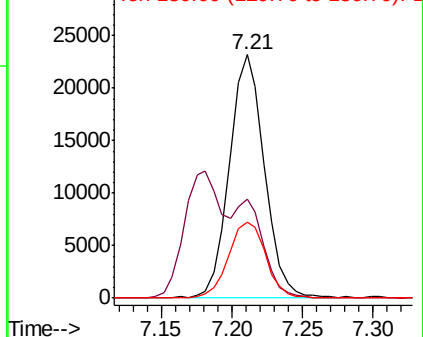
Ion	Ratio	Lower	Upper
128	100		
64	40.4	31.5	47.3
130	31.4	26.3	39.5

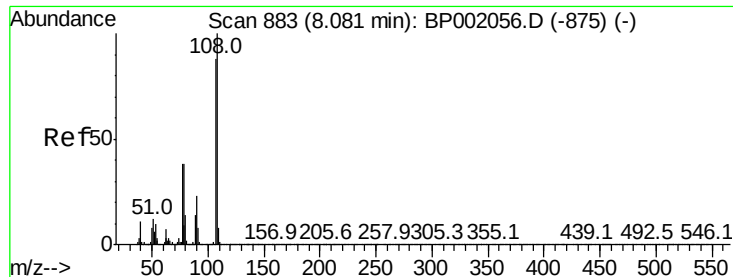


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 130.00 (129.70 to 130.70): E

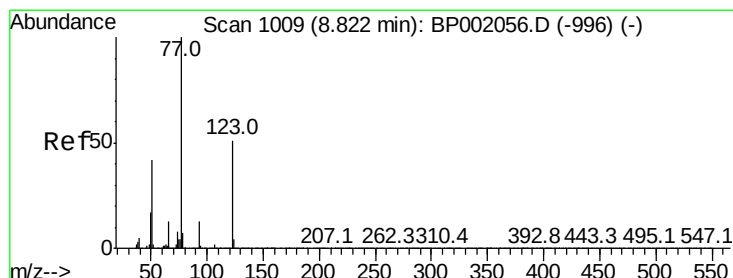
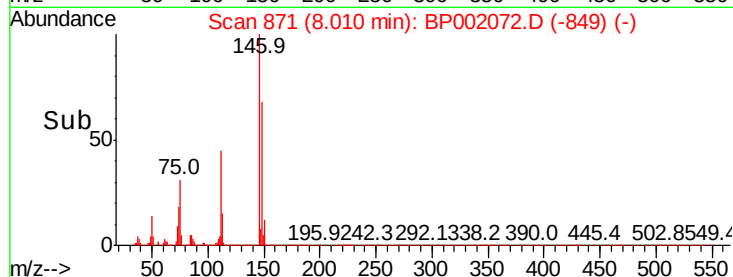
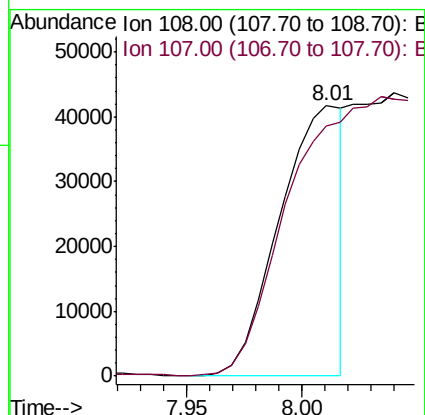
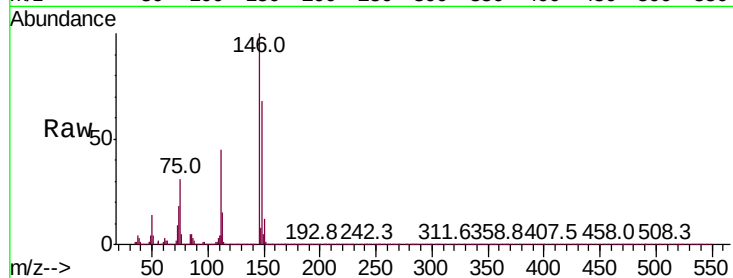




#11
2-Methylphenol
Concen: 6.197 ng/ul
RT: 8.01 min Scan# 871
Delta R.T. -0.07 min
Lab File: BP002072.D
Acq: 05 Mar 2020 16:32

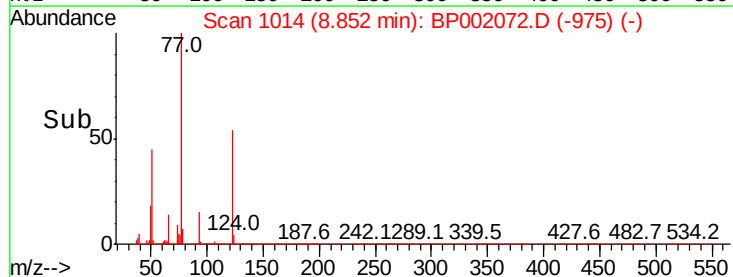
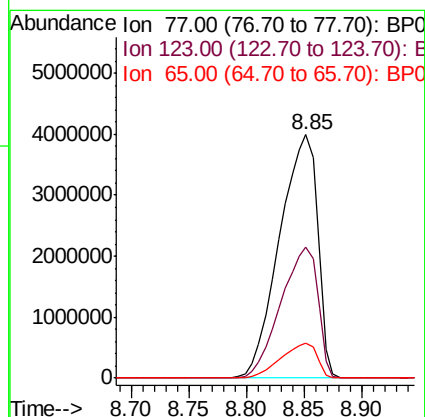
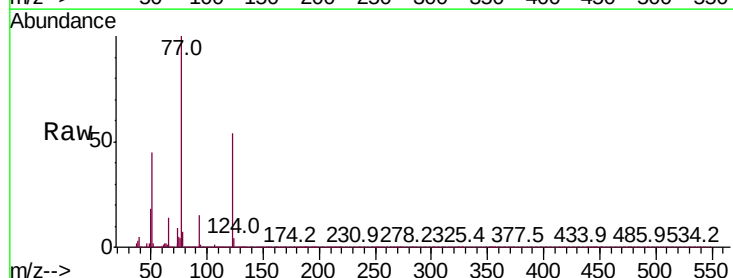
Instrument :
BNA_P
ClientSampleId :

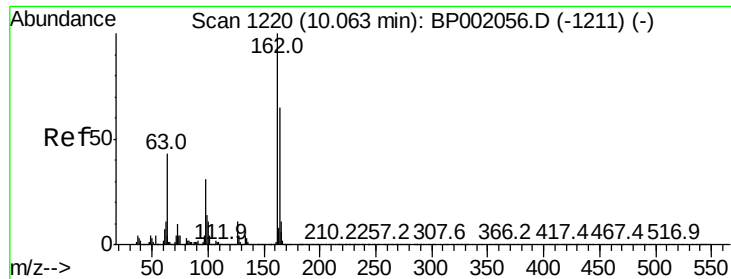
Tot Ion:108 Resp: 79119
Ion Ratio Lower Upper
108 100
107 92.3 70.5 105.7



#20
Nitrobenzene
Concen: 535.482 ng/ul
RT: 8.85 min Scan# 1014
Delta R.T. 0.03 min
Lab File: BP002072.D
Acq: 05 Mar 2020 16:32

Tgt Ion: 77 Resp: 9172975
Ion Ratio Lower Upper
77 100
123 53.7 41.4 62.0
65 14.3 9.9 14.9





#27

2,4-Dichlorophenol

Concen: 1.468 ng/ul

RT: 10.20 min Scan# 1244

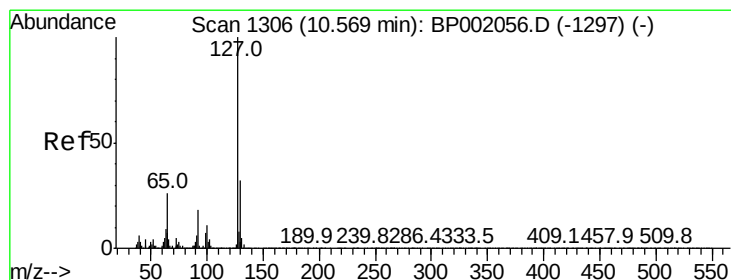
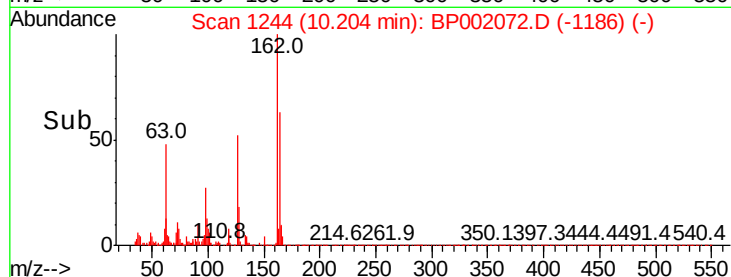
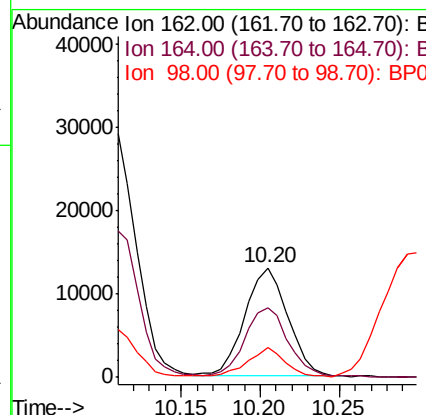
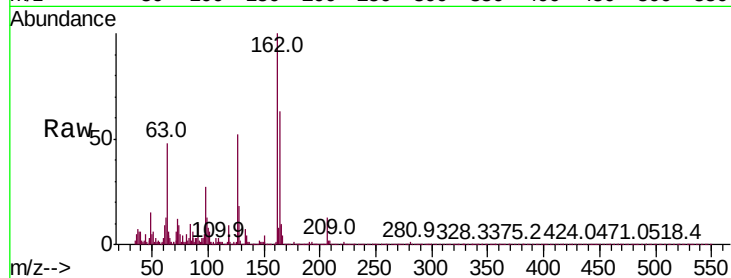
Delta R.T. 0.14 min

Lab File: BP002072.D

Acq: 05 Mar 2020 16:32

Instrument :
BNA_P
ClientSampleId :

Tot Ion	162	Resp	24308
Ion Ratio	Lower	Upper	
162	100		
164	63.3	51.8	77.6
98	27.4	25.7	38.5



#30

4-Chloroaniline

Concen: 25.263 ng/ul

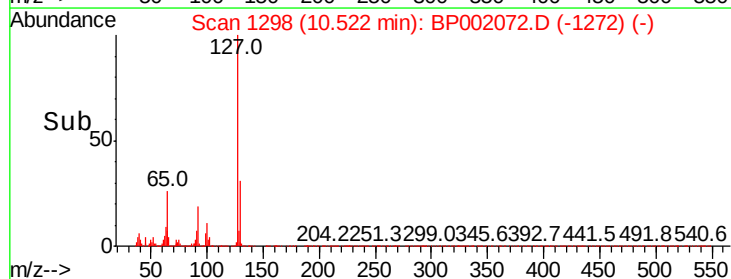
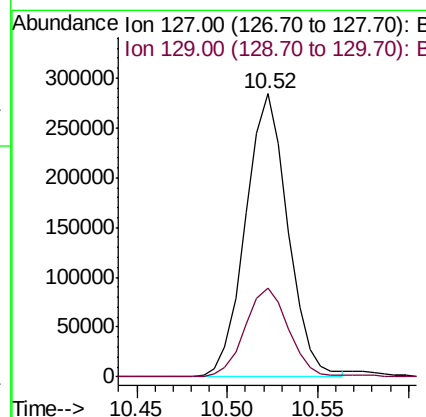
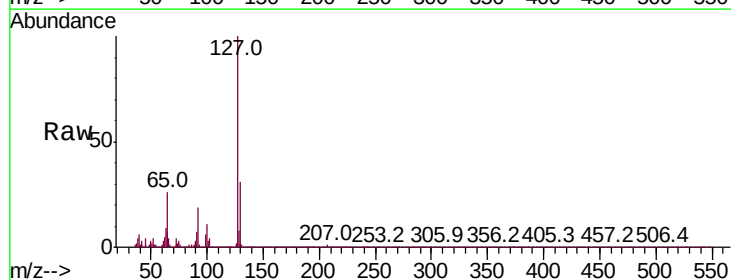
RT: 10.52 min Scan# 1298

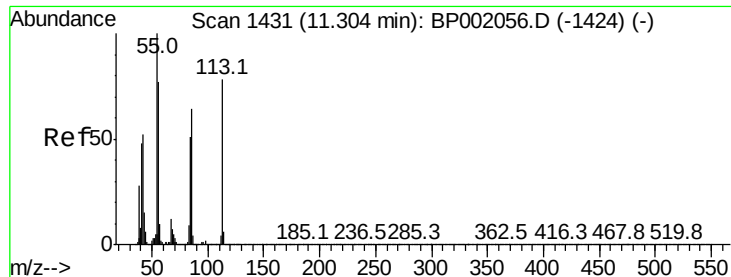
Delta R.T. -0.05 min

Lab File: BP002072.D

Acq: 05 Mar 2020 16:32

Tgt Ion	127	Resp	458643
Ion Ratio	Lower	Upper	
127	100		
129	31.4	25.9	38.9

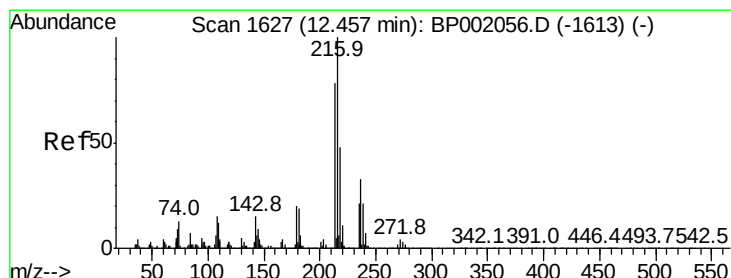
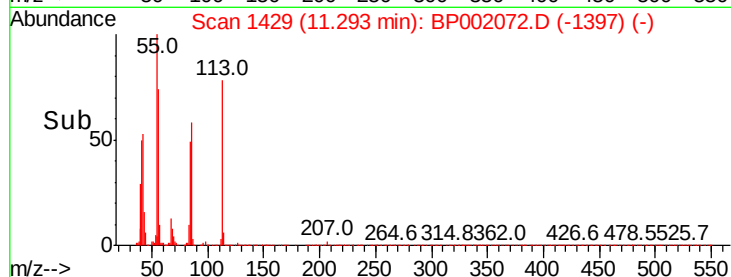
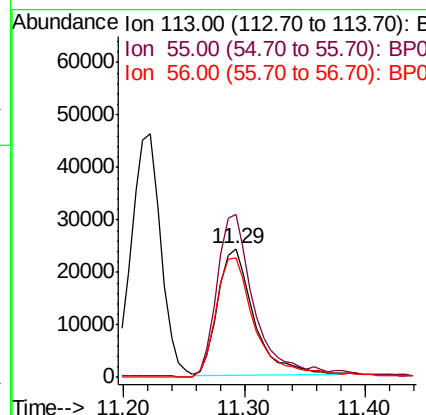
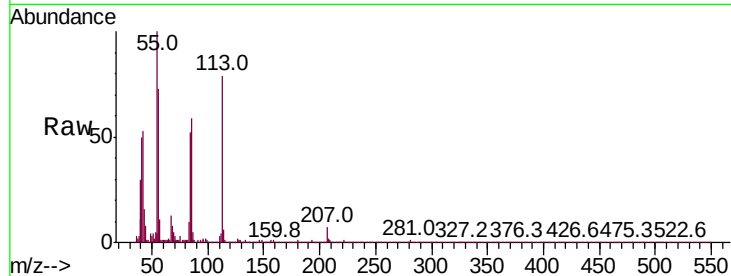




#32
 Caprolactam
 Concen: 9.054 ng/ul
 RT: 11.29 min Scan# 1429
 Delta R.T. -0.01 min
 Lab File: BP002072.D
 Acq: 05 Mar 2020 16:32

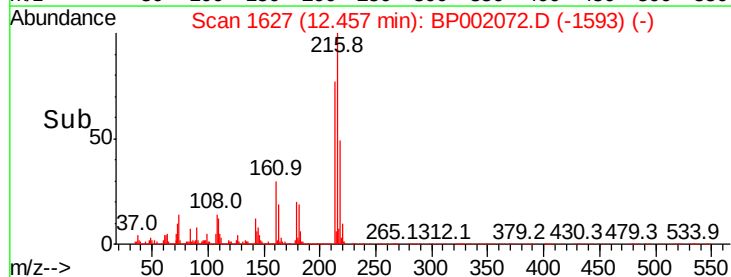
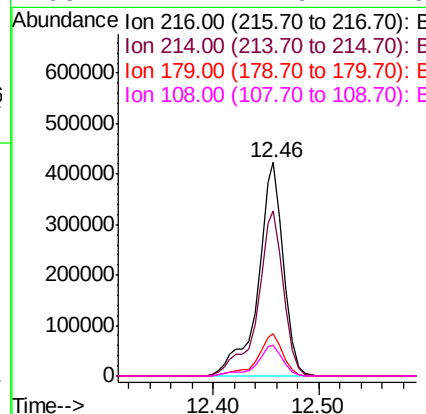
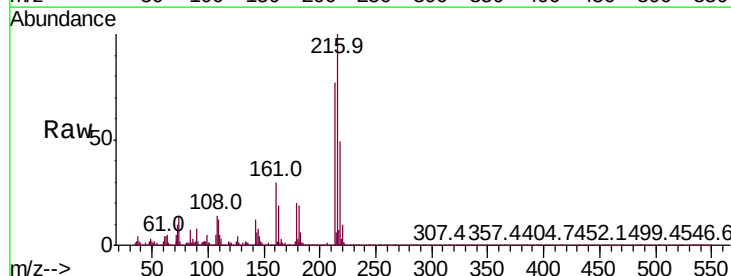
Instrument :
 BNA_P
 ClientSampleId :

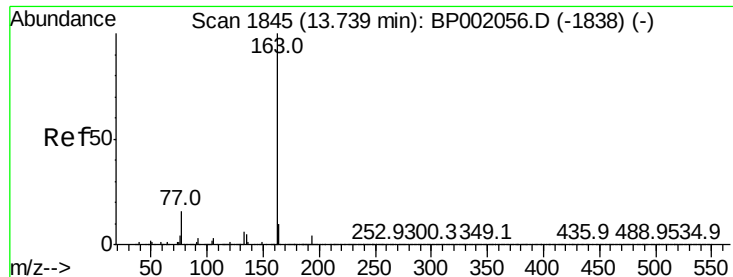
Tot Ion:113 Resp: 49264
 Ion Ratio Lower Upper
 113 100
 55 127.3 97.4 146.0
 56 93.4 75.4 113.0



#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 30.692 ng/ul
 RT: 12.46 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: BP002072.D
 Acq: 05 Mar 2020 16:32

Tgt Ion:216 Resp: 709914
 Ion Ratio Lower Upper
 216 100
 214 77.4 61.8 92.8
 179 19.6 16.0 24.0
 108 14.2 11.9 17.9

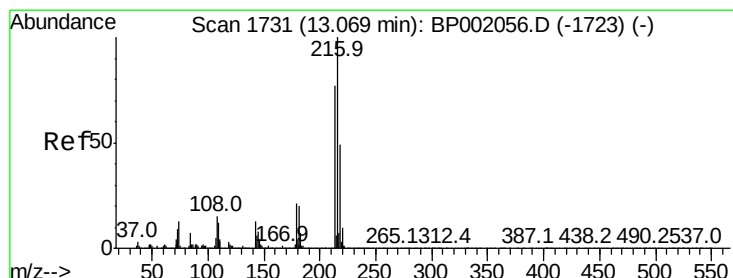
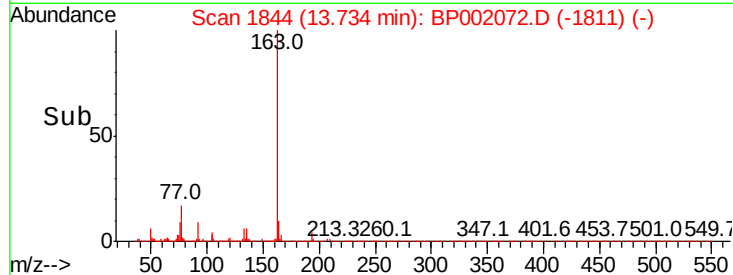
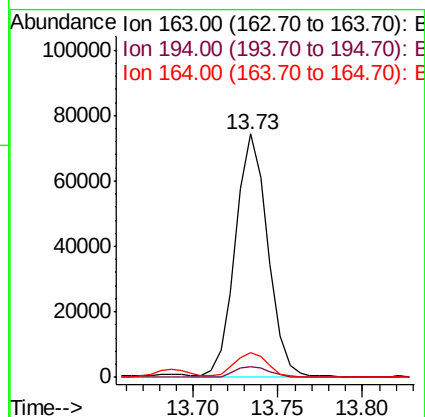
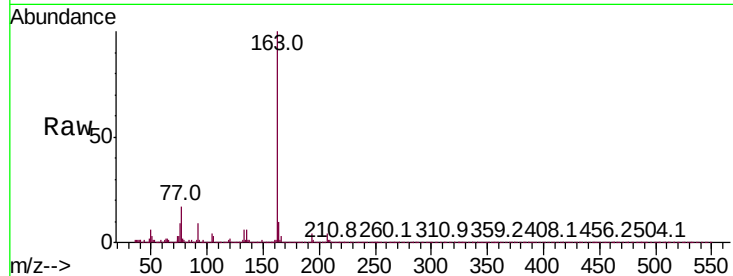




#45
Dimethylphthalate
Concen: 1.833 ng/ul
RT: 13.73 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BP002072.D
Acq: 05 Mar 2020 16:32

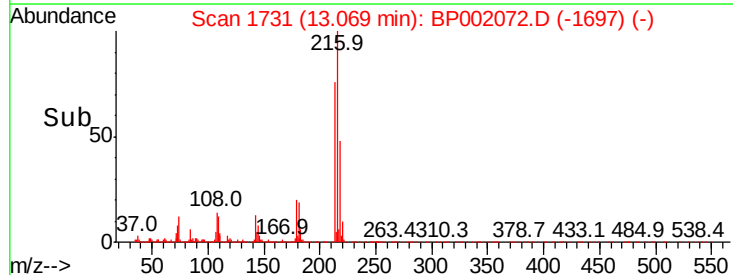
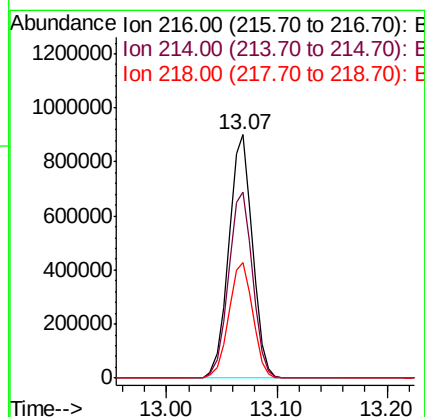
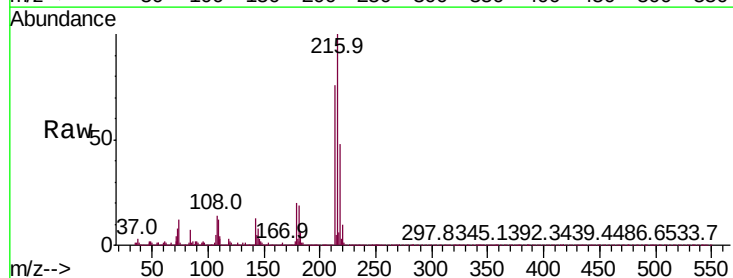
Instrument :
BNA_P
ClientSampled :

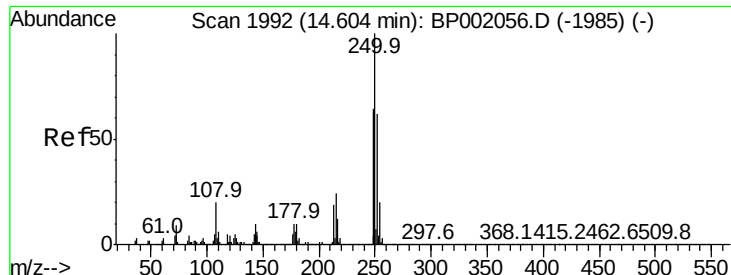
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.6	5.4
164	10.2	8.2	12.4



#73
1,2,3,4-Tetrachlorobenzene
Concen: 57.150 ng/uL
RT: 13.07 min Scan# 1731
Delta R.T. 0.00 min
Lab File: BP002072.D
Acq: 05 Mar 2020 16:32

Tgt Ion	Ratio	Lower	Upper
216	100		
214	76.4	63.1	94.7
218	47.5	38.2	57.2





#74

Pentachlorobenzene

Concen: 2.284 ng/uL

RT: 14.60 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BP002072.D

Acq: 05 Mar 2020 16:32

Instrument :

BNA_P

ClientSampleId :

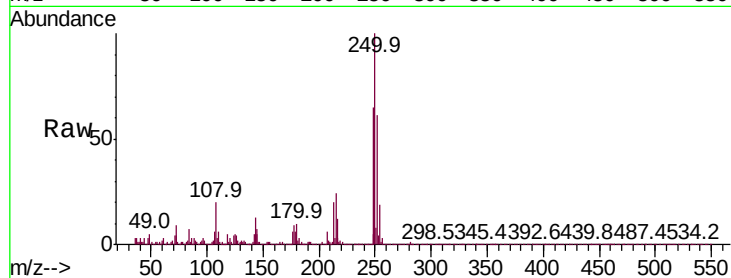
Tot Ion:250 Resp: 53325

Ion Ratio Lower Upper

250 100

248 65.4 50.3 75.5

252 61.2 50.3 75.5



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

