

Data File : BP001813.D
Acq On : 20 Feb 2020 21:15
Operator : CG/JU
Sample : L1418-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C5AT5

Quant Time: Feb 21 07:16:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 21 07:12:24 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	404520	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1671614	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	1008177	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	1863189	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	1817620	20.00	ng/ul	0.00
86) Perylene-d12	23.36	264	2022723	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	30423	3.12	ng/uL	0.00
5) Phenol-d5	6.83	99	616738	20.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	340695	19.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	528946	21.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	469127	19.35	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	244625	21.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	261263	25.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	550391	22.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	241867	8.40	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	1624003	22.95	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	1995453	22.91	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	251080	20.38	ng/ul	0.00
58) Fluorene-d10	15.29	176	1425945	22.41	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	144217	19.63	ng/ul	0.00
71) Anthracene-d10	17.15	188	1979616	24.12	ng/ul	0.00
79) Pyrene-d10	19.39	212	2202845	23.62	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.22	264	2396919	24.54	ng/ul	0.00

Target Compounds

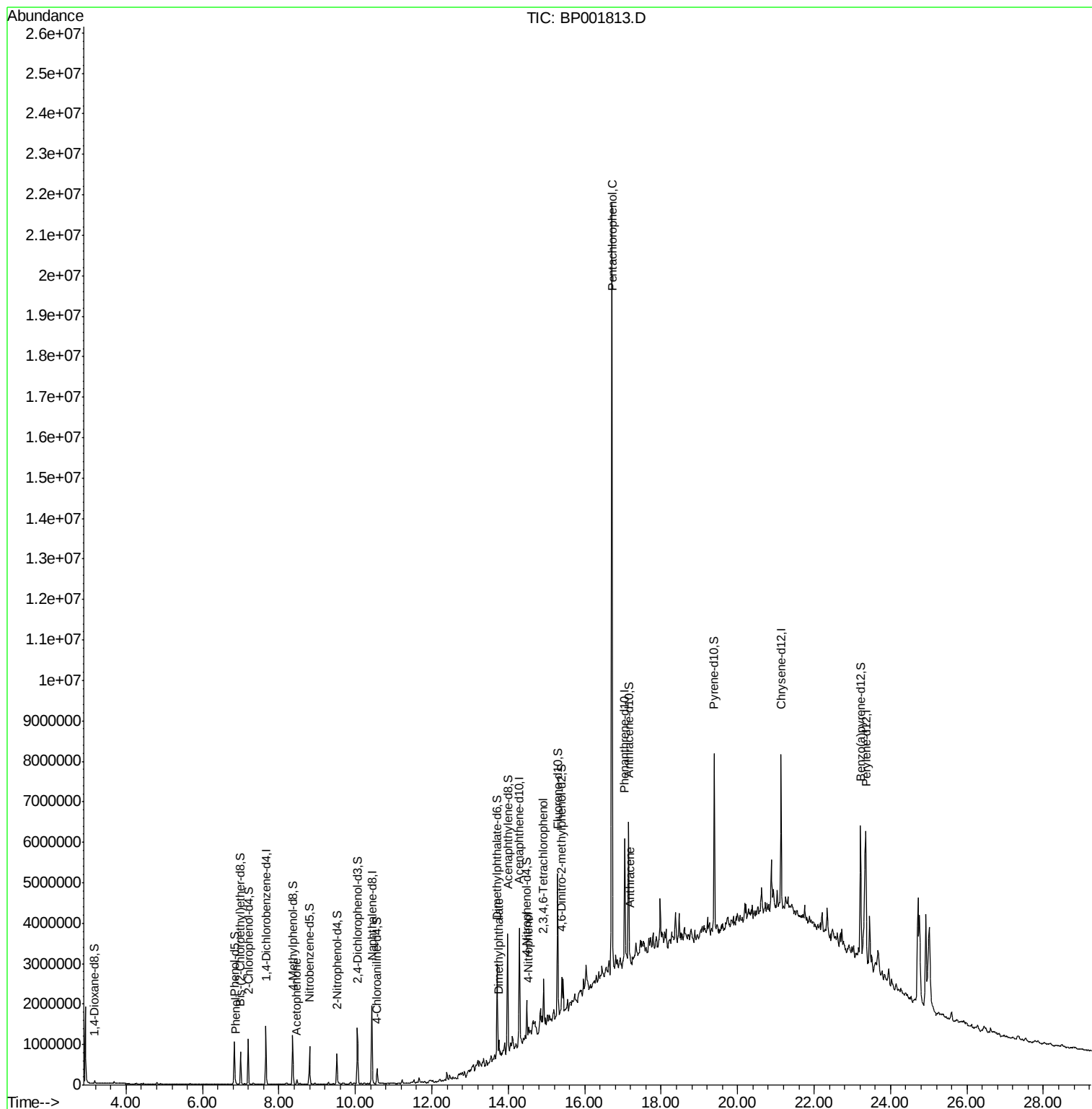
					Qvalue	
6) Phenol	6.86	94	34207	1.056	ng/ul	100
14) Acetophenone	8.47	105	62932	1.680	ng/ul	97
45) Dimethylphthalate	13.75	163	220841	2.966	ng/ul#	95
53) 4-Nitrophenol	14.53	109	18767	2.058	ng/ul#	1
56) 2,3,4,6-Tetrachlorophenol	14.92	232	254529	16.297	ng/ul#	99
69) Pentachlorophenol	16.71	266	4389725	384.187	ng/ul	99
72) Anthracene	17.18	178	159768	1.574	ng/ul#	82

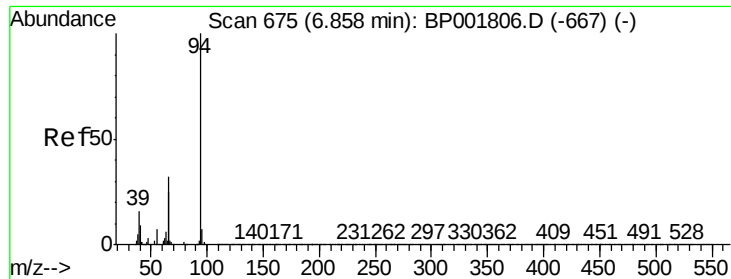
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.056 ng/ul

RT: 6.86 min Scan# 676

Delta R.T. 0.01 min

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Instrument :

BNA_P

ClientSampled :

C5AT5

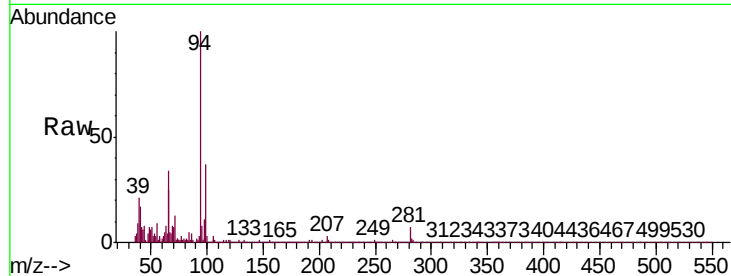
Tgt Ion: 94 Resp: 34207

Ion Ratio Lower Upper

94 100

65 24.6 19.8 29.6

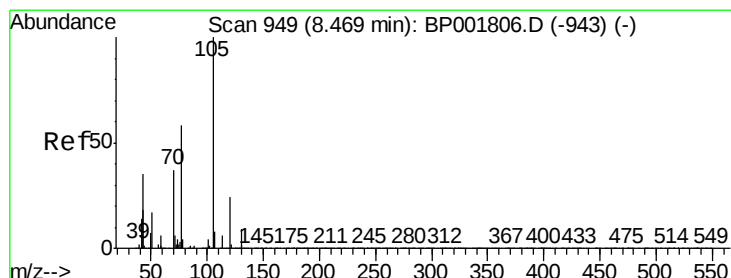
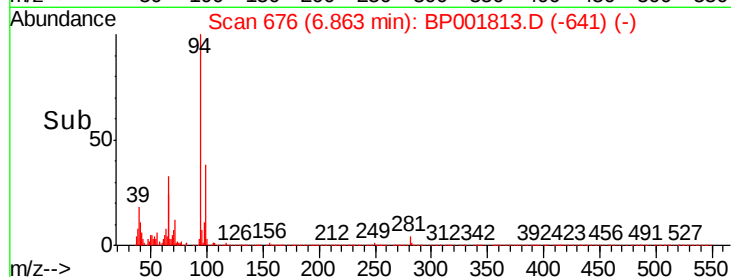
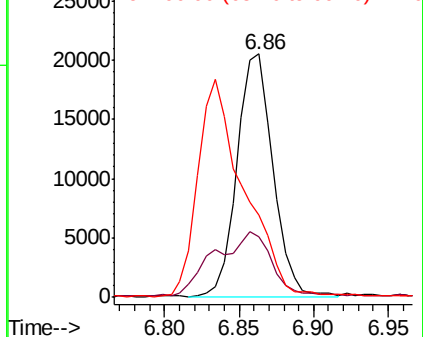
66 33.6 26.6 39.8



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



#14

Acetophenone

Concen: 1.680 ng/ul

RT: 8.47 min Scan# 949

Delta R.T. -0.00 min

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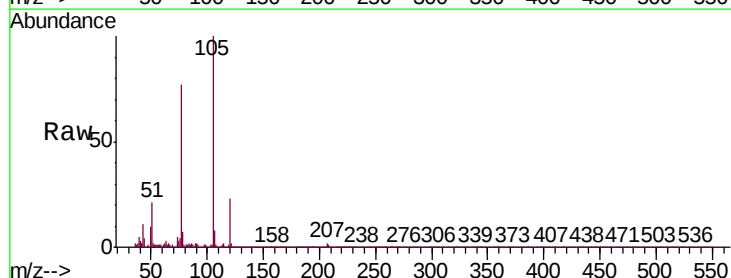
Tgt Ion: 105 Resp: 62932

Ion Ratio Lower Upper

105 100

77 77.0 59.8 89.6

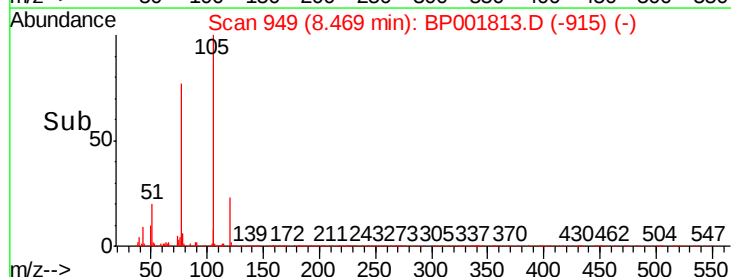
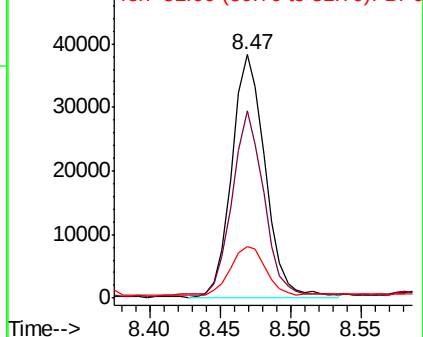
51 21.2 17.9 26.9

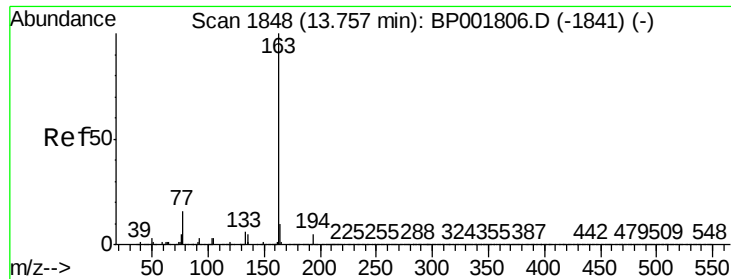


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BP0

Ion 51.00 (50.70 to 51.70): BP0

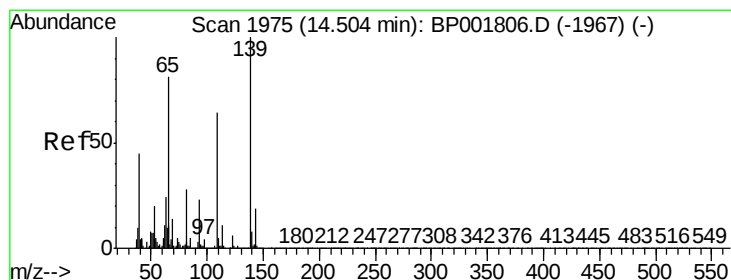
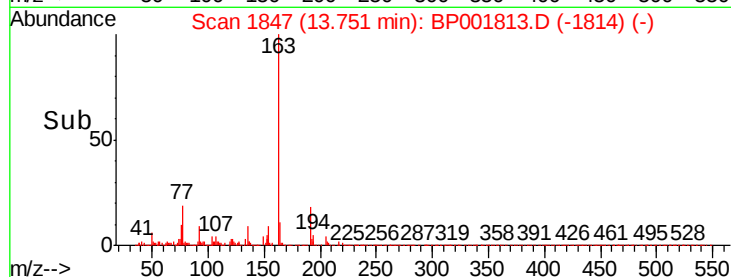
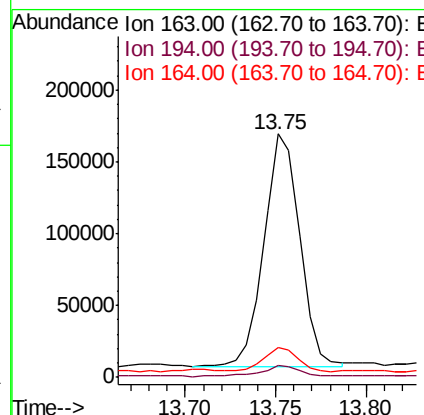
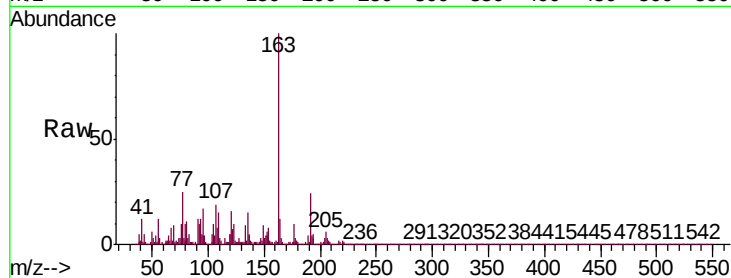




#45
Dimethylphthalate
Concen: 2.966 ng/ul
RT: 13.75 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BP001813.D
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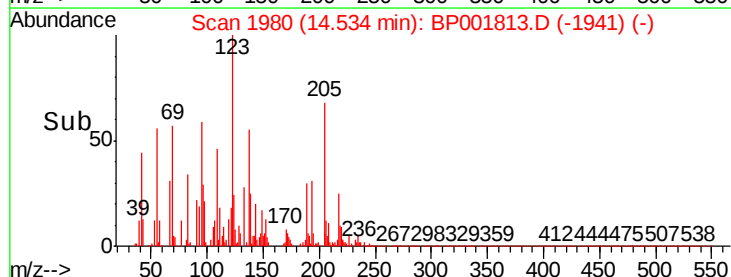
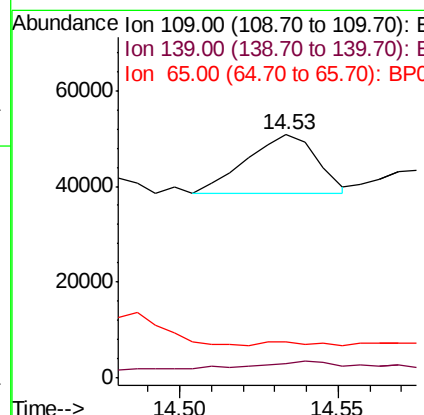
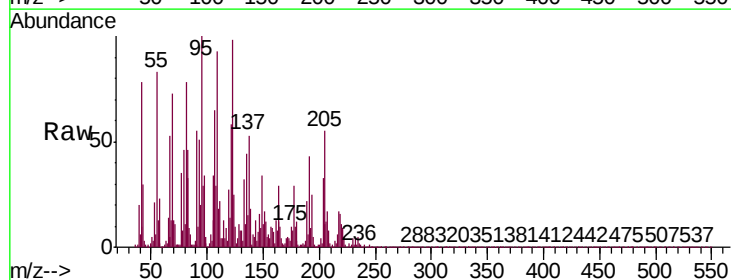
Instrument :
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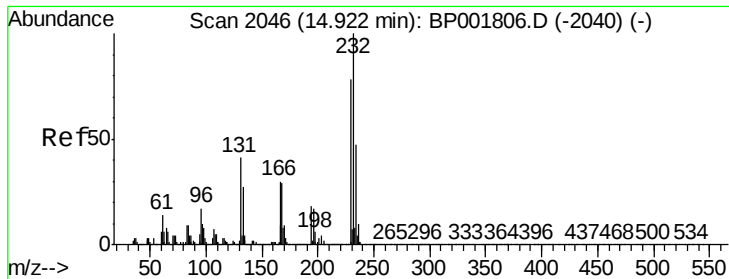
Tgt Ion:163 Resp: 220841
Ion Ratio Lower Upper
163 100
194 4.9 3.5 5.3
164 12.4 8.0 12.0#



#53
4-Nitrophenol
Concen: 2.058 ng/ul
RT: 14.53 min Scan# 1980
Delta R.T. 0.03 min
Lab File: BP001813.D
Acq: 20 Feb 2020 21:15

Tgt Ion:109 Resp: 18767
Ion Ratio Lower Upper
109 100
139 6.1 123.1 184.7#
65 14.9 105.0 157.6#

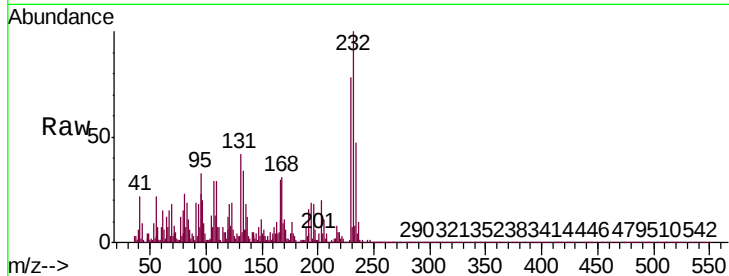




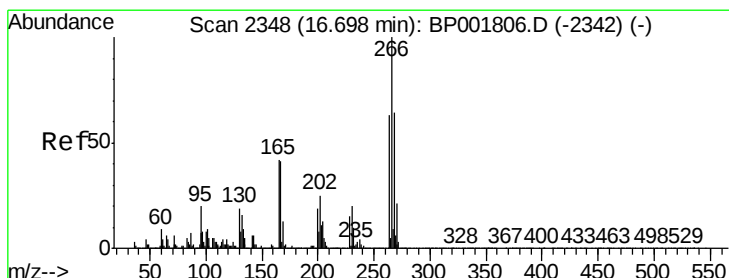
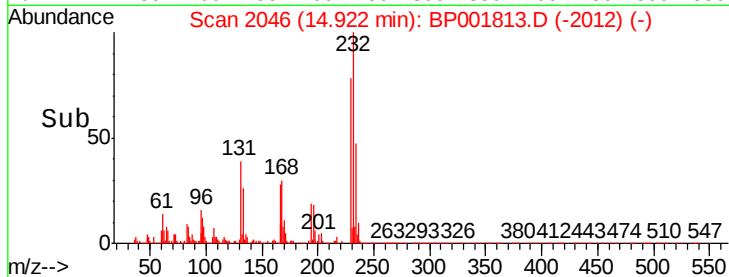
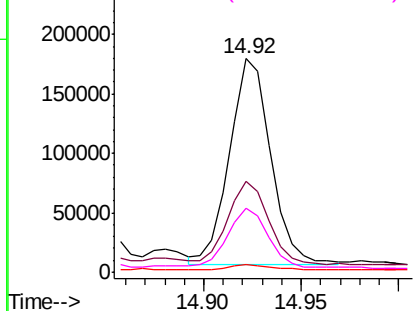
#56
2,3,4,6-Tetrachlorophenol
Concen: 16.297 ng/ul
RT: 14.92 min Scan# 2046
Delta R.T. -0.00 min
Lab File: BP001813.D
Acq: 20 Feb 2020 21:15

Instrument :
BNA_P
ClientSampled :
C5AT5

Tgt Ion:	232	Resp:	254529
Ion	Ratio	Lower	Upper
232	100		
131	42.3	34.1	51.1
130	3.4	1.8	2.6#
166	29.8	24.2	36.4

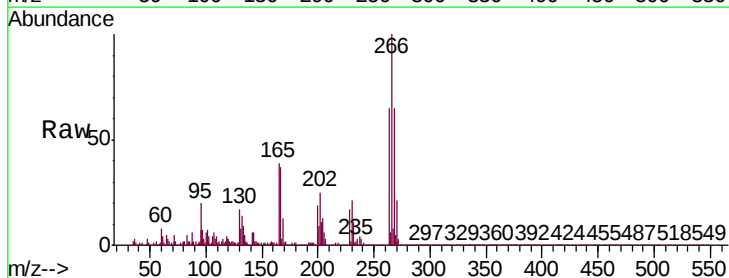


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

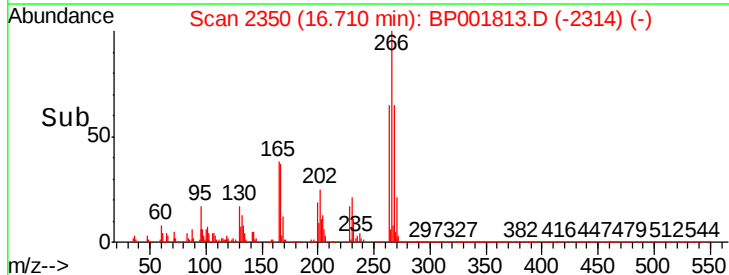
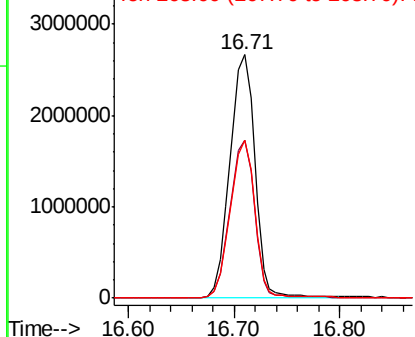


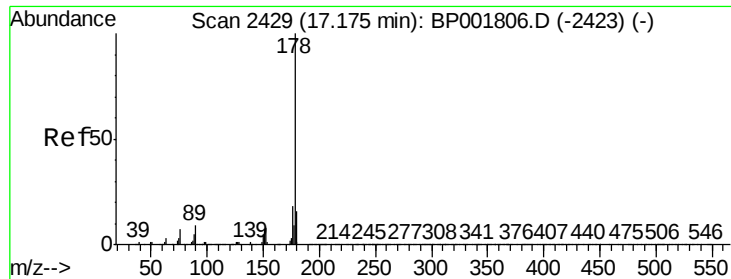
#69
Pentachlorophenol
Concen: 384.187 ng/ul
RT: 16.71 min Scan# 2350
Delta R.T. 0.01 min
Lab File: BP001813.D
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Tgt Ion:	266	Resp:	4389725
Ion	Ratio	Lower	Upper
266	100		
264	65.1	51.1	76.7
268	64.9	51.5	77.3



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





#72
 Anthracene
 Concen: 1.574 ng/ul
 RT: 17.18 min Scan# 2430
 Delta R.T. 0.01 min
 Lab File: BP001813.D
 Acq: 20 Feb 2020 21:15

Instrument :
 BNA_P
 ClientSampleId :
 C5AT5

Tgt Ion	Ratio	Lower	Upper
178	100		
179	26.6	12.4	18.6
176	23.6	14.8	22.2

