

Data File : BP001900.D
Acq On : 25 Feb 2020 15:25
Operator : CG/JU
Sample : L1542-17MS
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBD52MS

Quant Time: Feb 26 04:39:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 26 04:37:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	356614	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	1535169	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	1031754	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	2408357	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	2577273	20.00	ng/ul	0.00
86) Perylene-d12	23.34	264	2553756	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.17	96	14517	1.69	ng/uL	0.00
5) Phenol-d5	6.83	99	273341	10.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	161666	10.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	242500	11.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	225339	10.54	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	115168	11.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.51	143	116256	12.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	247712	11.08	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	323214	12.23	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	849387	11.73	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	979302	10.98	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	111130	8.81	ng/ul	0.00
58) Fluorene-d10	15.28	176	776225	11.92	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	72110	7.59	ng/ul	0.00
71) Anthracene-d10	17.13	188	1254933	11.83	ng/ul	0.00
79) Pyrene-d10	19.38	212	1616603	12.22	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.20	264	1652643	13.40	ng/ul	0.00

Target Compounds

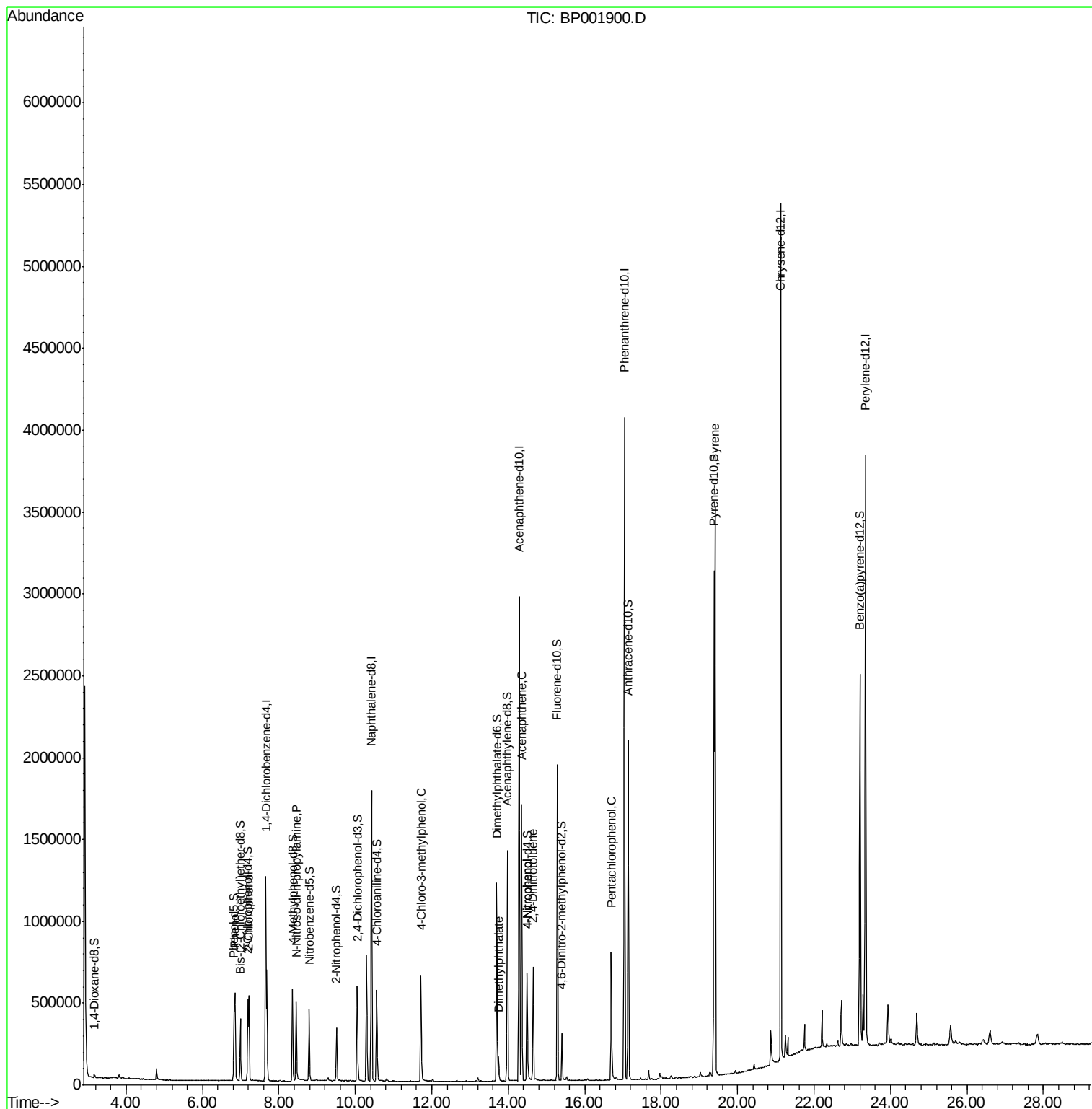
						Qvalue
6) Phenol	6.85	94	303344	10.623	ng/ul	98
10) 2-Chlorophenol	7.22	128	248695	10.796	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.45	70	168842	11.026	ng/ul	96
33) 4-Chloro-3-methylphenol	11.71	107	246217	11.274	ng/ul	100
45) Dimethylphthalate	13.75	163	98273	1.290	ng/ul	98
50) Acenaphthene	14.35	153	682060	10.320	ng/ul	99
53) 4-Nitrophenol	14.50	109	92620	9.922	ng/ul	94
55) 2,4-Dinitrotoluene	14.65	165	219022	11.201	ng/ul	90
69) Pentachlorophenol	16.69	266	150388	10.183	ng/ul	99
80) Pyrene	19.41	202	2012451	11.480	ng/ul	97

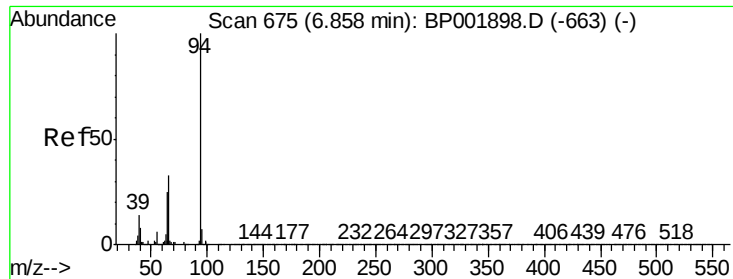
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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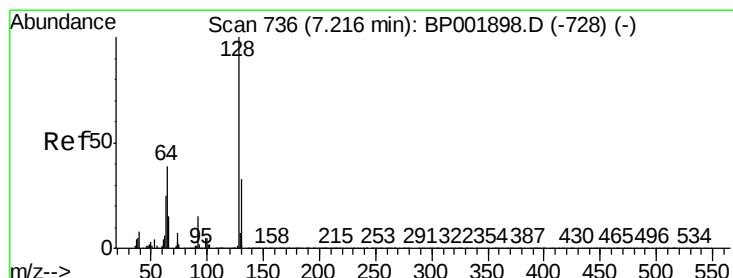
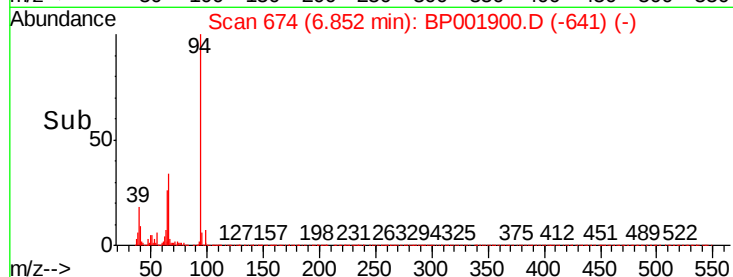
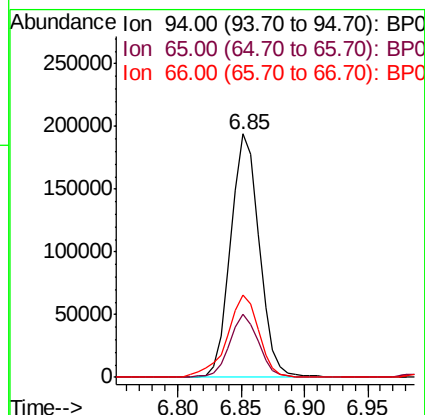
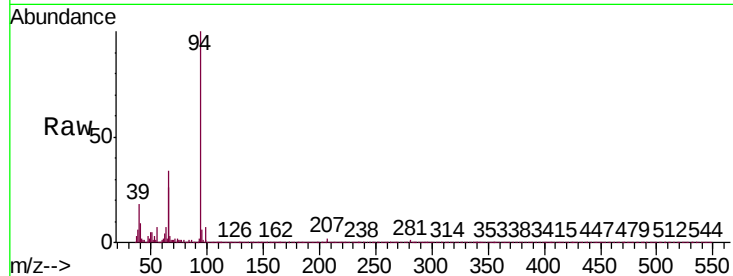
#6

Phenol

Concen: 10.623 ng/ul
 RT: 6.85 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: BP001900.D
 Acq: 25 Feb 2020 15:25

Instrument :
 BNA_P
 ClientSampleId :
 DBD52MS

Tgt Ion: 94 Resp: 303344
 Ion Ratio Lower Upper
 94 100
 65 25.8 19.8 29.6
 66 33.8 26.6 39.8

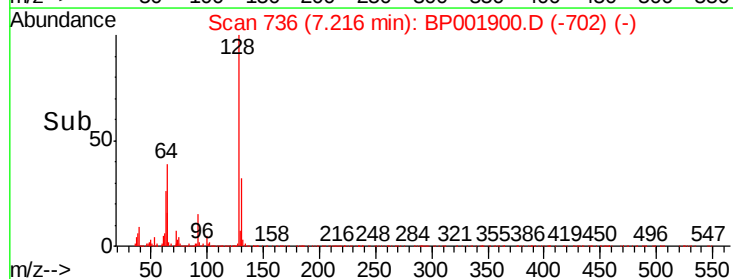
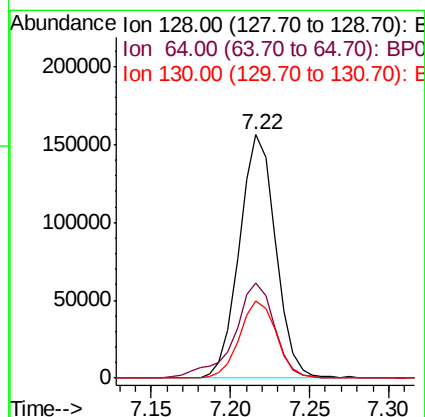
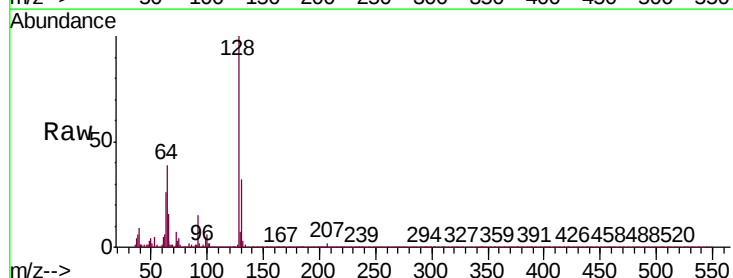


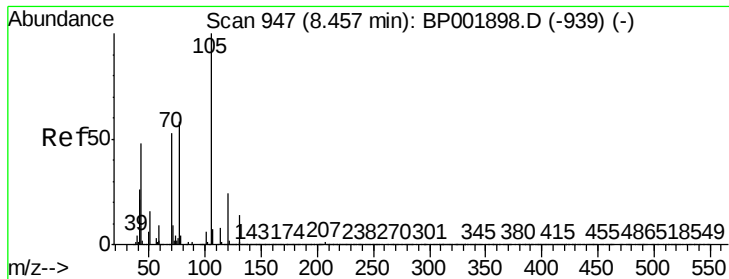
#10

2-Chlorophenol

Concen: 10.796 ng/ul
 RT: 7.22 min Scan# 736
 Delta R.T. -0.00 min
 Lab File: BP001900.D
 Acq: 25 Feb 2020 15:25

Tgt Ion: 128 Resp: 248695
 Ion Ratio Lower Upper
 128 100
 64 38.9 32.9 49.3
 130 31.7 26.4 39.6

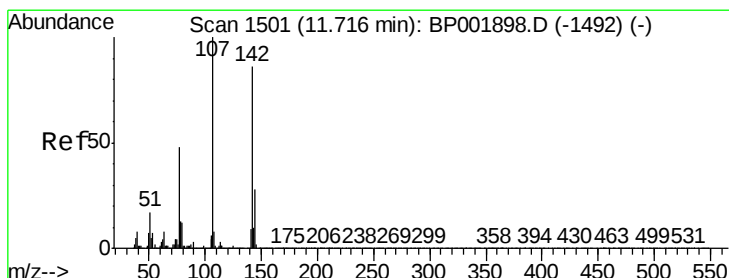
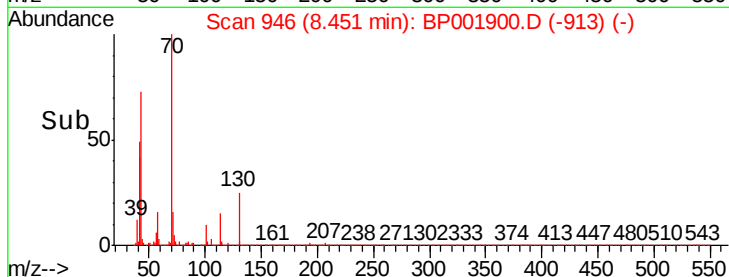
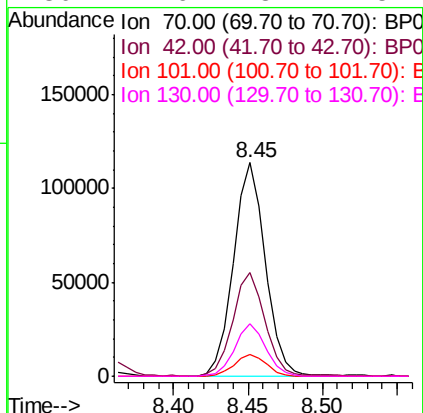
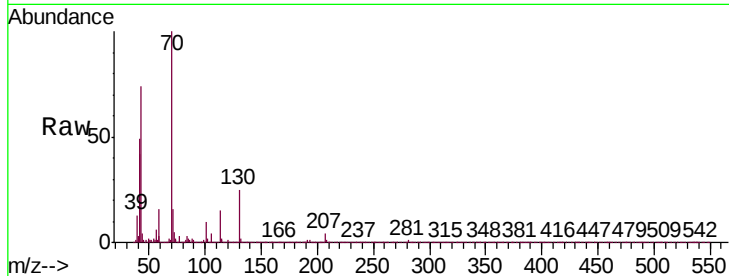




#15
N-Nitroso-di-n-propylamine
Concen: 11.026 ng/ul
RT: 8.45 min Scan# 946
Delta R.T. -0.01 min
Lab File: BP001900.D
Acq: 25 Feb 2020 15:25

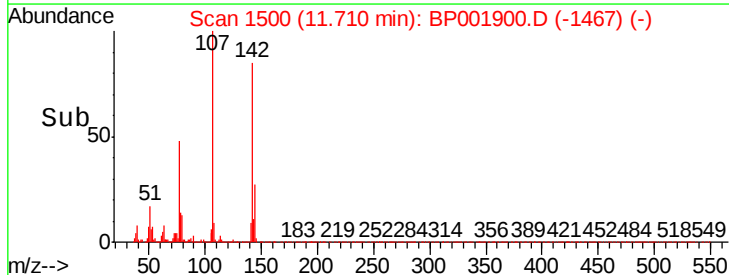
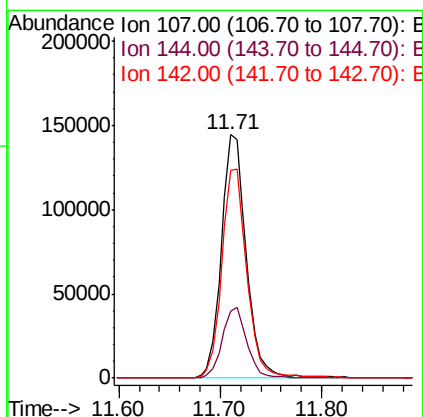
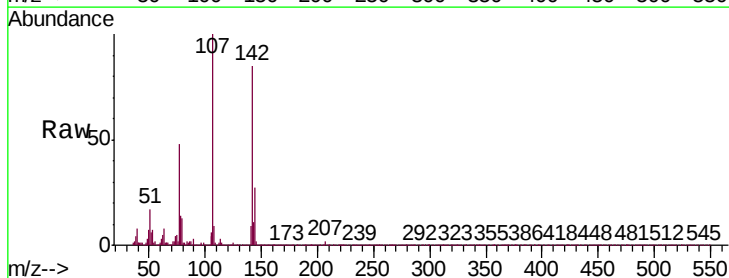
Instrument :
BNA_P
ClientSampleId :
DBD52MS

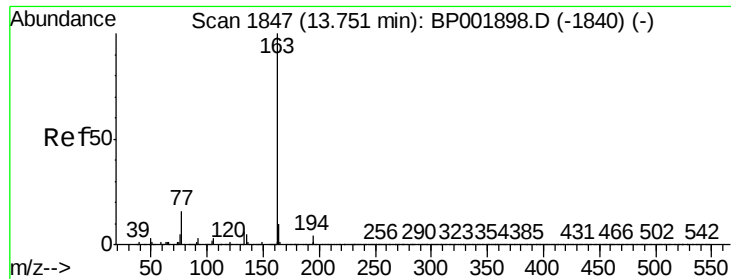
Tgt Ion:	70	Resp:	168842
Ion	Ratio	Lower	Upper
70	100		
42	48.8	41.8	62.6
101	10.1	8.0	12.0
130	24.6	18.7	28.1



#33
4-Chloro-3-methylphenol
Concen: 11.274 ng/ul
RT: 11.71 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BP001900.D
Acq: 25 Feb 2020 15:25

Tgt Ion:	107	Resp:	246217
Ion	Ratio	Lower	Upper
107	100		
144	27.4	22.3	33.5
142	85.3	68.2	102.4

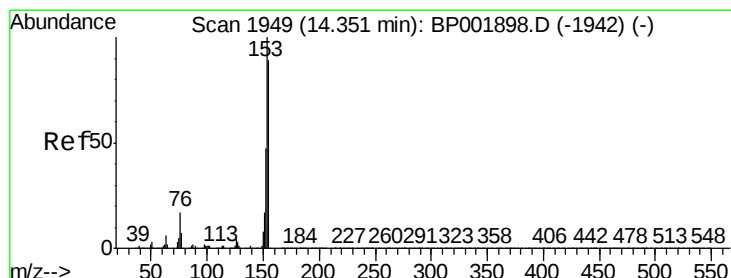
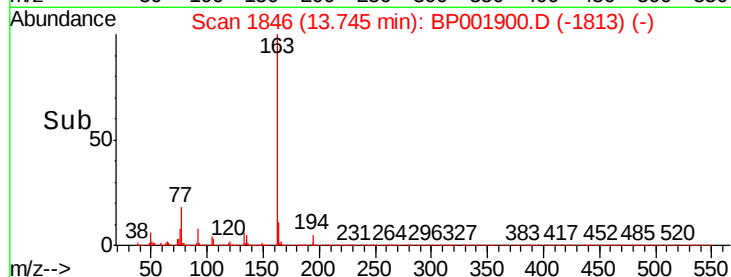
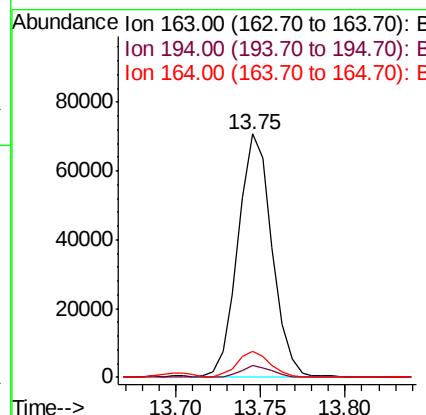
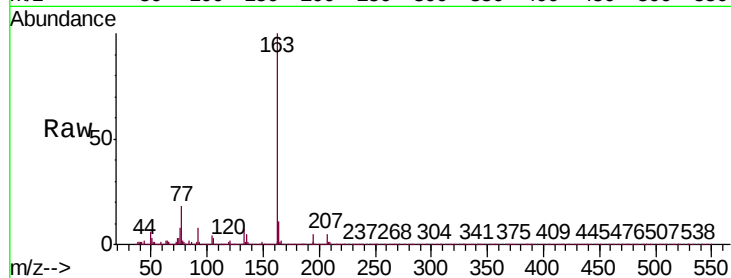




#45
Dimethylphthalate
Concen: 1.290 ng/ul
RT: 13.75 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BP001900.D
Acq: 25 Feb 2020 15:25

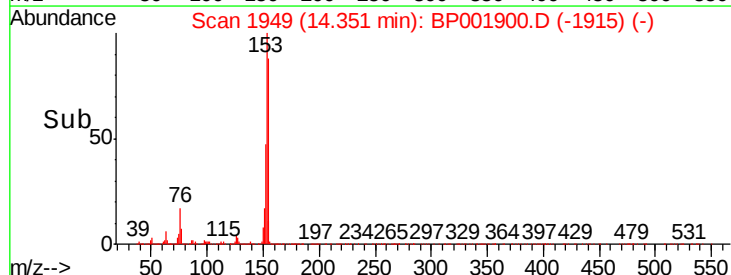
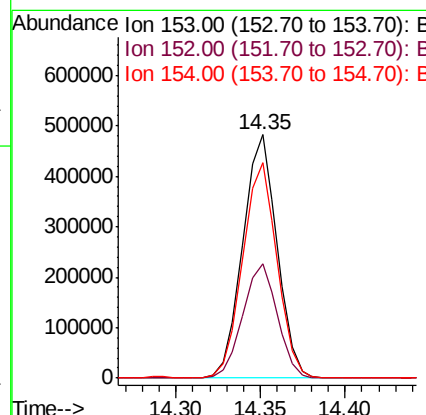
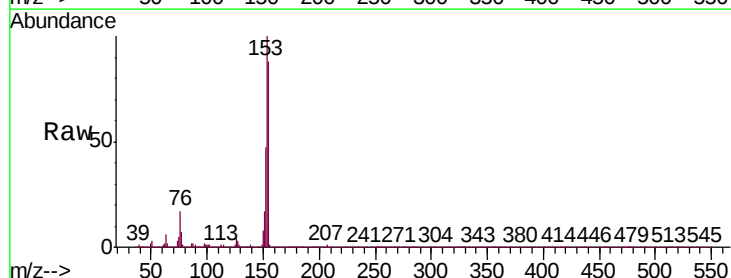
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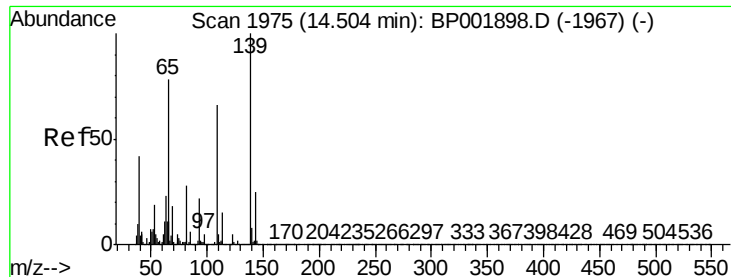
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.5	5.3
164	10.6	8.0	12.0



#50
Acenaphthene
Concen: 10.320 ng/ul
RT: 14.35 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BP001900.D
Acq: 25 Feb 2020 15:25

Tgt Ion	Ratio	Lower	Upper
153	100		
152	46.7	37.8	56.8
154	88.3	71.9	107.9





#53

4-Nitrophenol

Concen: 9.922 ng/ul

RT: 14.50 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BP001900.D

Acq: 25 Feb 2020 15:25

Instrument :

BNA_P

ClientSampleId :

DBD52MS

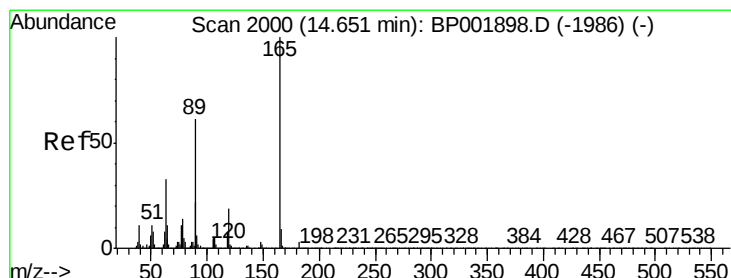
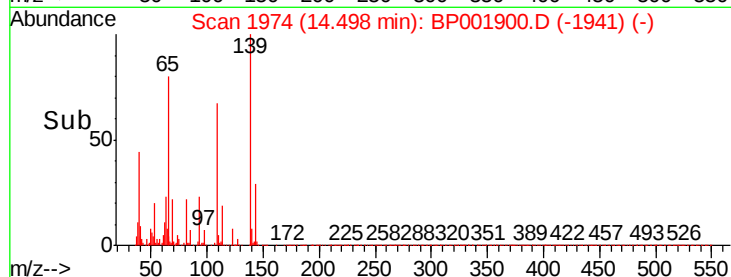
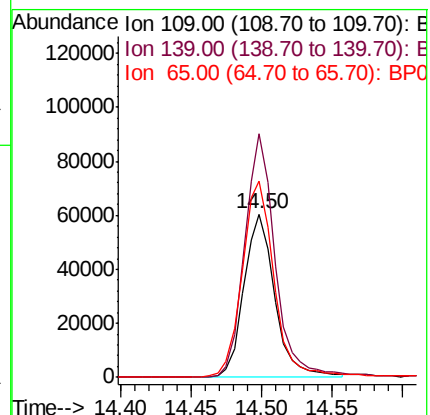
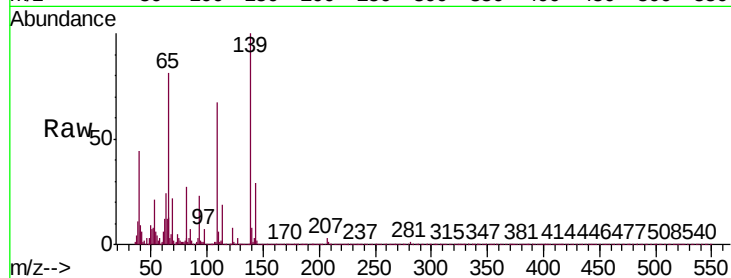
Tgt Ion:109 Resp: 92620

Ion Ratio Lower Upper

109 100

139 149.1 123.1 184.7

65 120.5 105.0 157.6



#55

2,4-Dinitrotoluene

Concen: 11.201 ng/ul

RT: 14.65 min Scan# 2000

Delta R.T. -0.00 min

Lab File: BP001900.D

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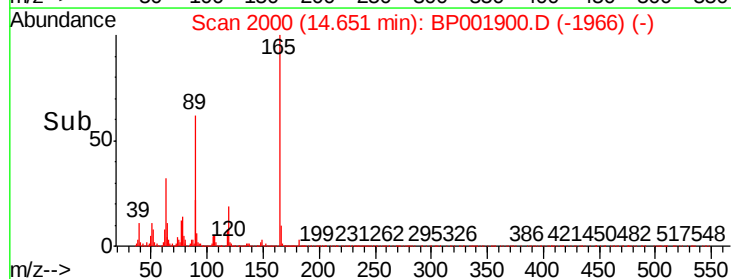
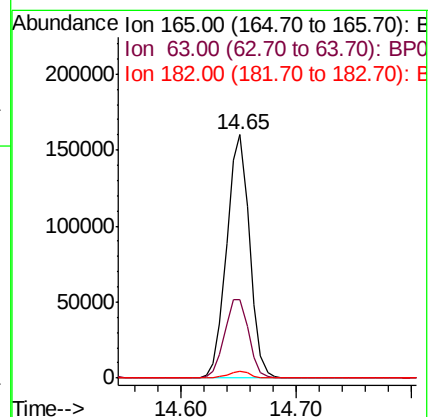
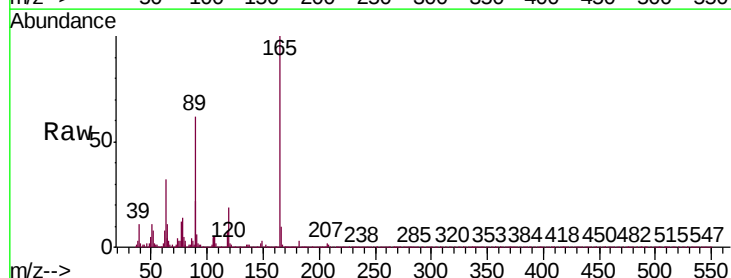
Tgt Ion:165 Resp: 219022

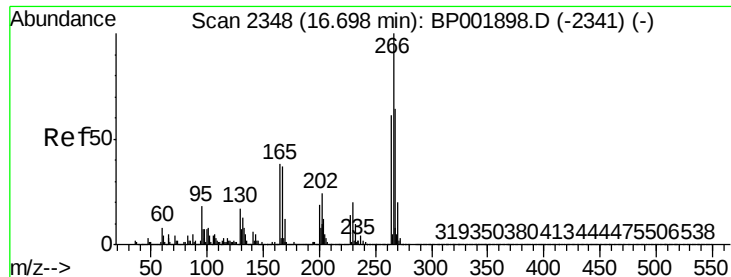
Ion Ratio Lower Upper

165 100

63 32.4 31.0 46.6

182 3.0 2.4 3.6

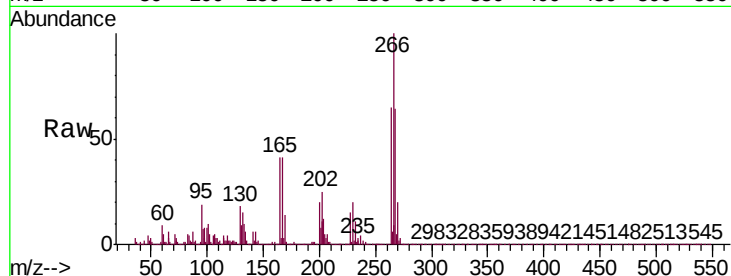




#69
 Pentachlorophenol
 Concen: 10.183 ng/ul
 RT: 16.69 min Scan# 2347
 Delta R.T. -0.01 min
 Lab File: BP001900.D
 Acq: 25 Feb 2020 15:25

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 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
266	100		
264	65.3	51.1	76.7
268	63.8	51.5	77.3

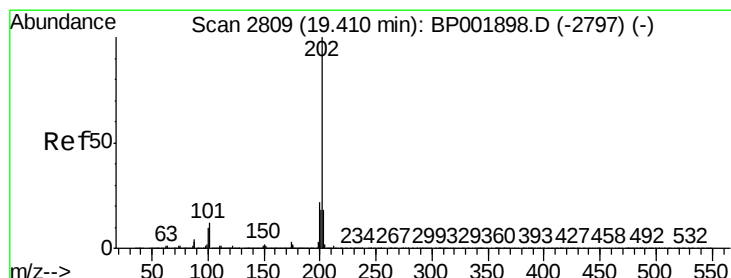
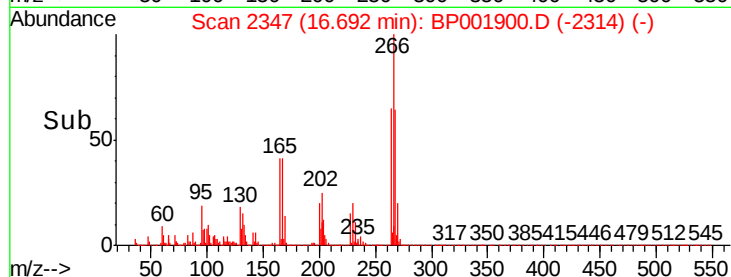
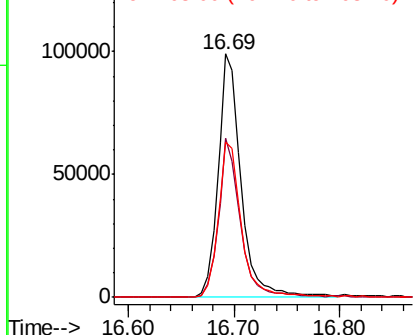


Abundance

Ion 265.70 (265.40 to 266.40): E

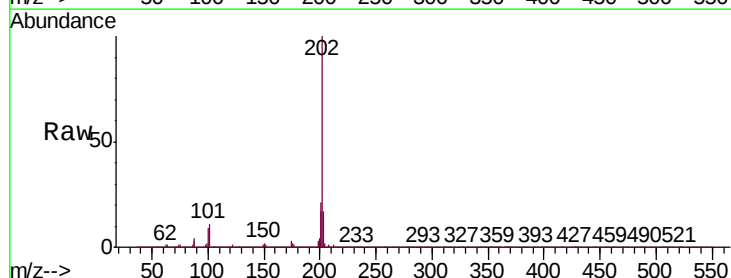
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#80
 Pyrene
 Concen: 11.480 ng/ul
 RT: 19.41 min Scan# 2809
 Delta R.T. -0.00 min
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Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.5	10.2	15.2
100	9.1	8.2	12.2



Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

