

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022420\
 Data File : BP001892.D
 Acq On : 25 Feb 2020 09:31
 Operator : CG/JU
 Sample : L1542-17MS
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBD52MS

Quant Time: Feb 25 12:25:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 25 07:02:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	404113	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	1712812	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	1133621	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	2633832	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	2773787	20.00	ng/ul	0.00
86) Perylene-d12	23.34	264	2709349	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.17	96	18821	1.93	ng/uL	0.00
5) Phenol-d5	6.83	99	372425	12.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	214970	12.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	329184	13.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	305031	12.59	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	160104	13.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.51	143	166735	15.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	336264	13.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	439621	14.91	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	1144823	14.39	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	1339532	13.67	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	165207	11.93	ng/ul	0.00
58) Fluorene-d10	15.29	176	1035106	14.47	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	107497	10.35	ng/ul	0.00
71) Anthracene-d10	17.13	188	1665233	14.35	ng/ul	0.00
79) Pyrene-d10	19.38	212	2155496	15.14	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.20	264	2137414	16.33	ng/ul	0.00

Target Compounds

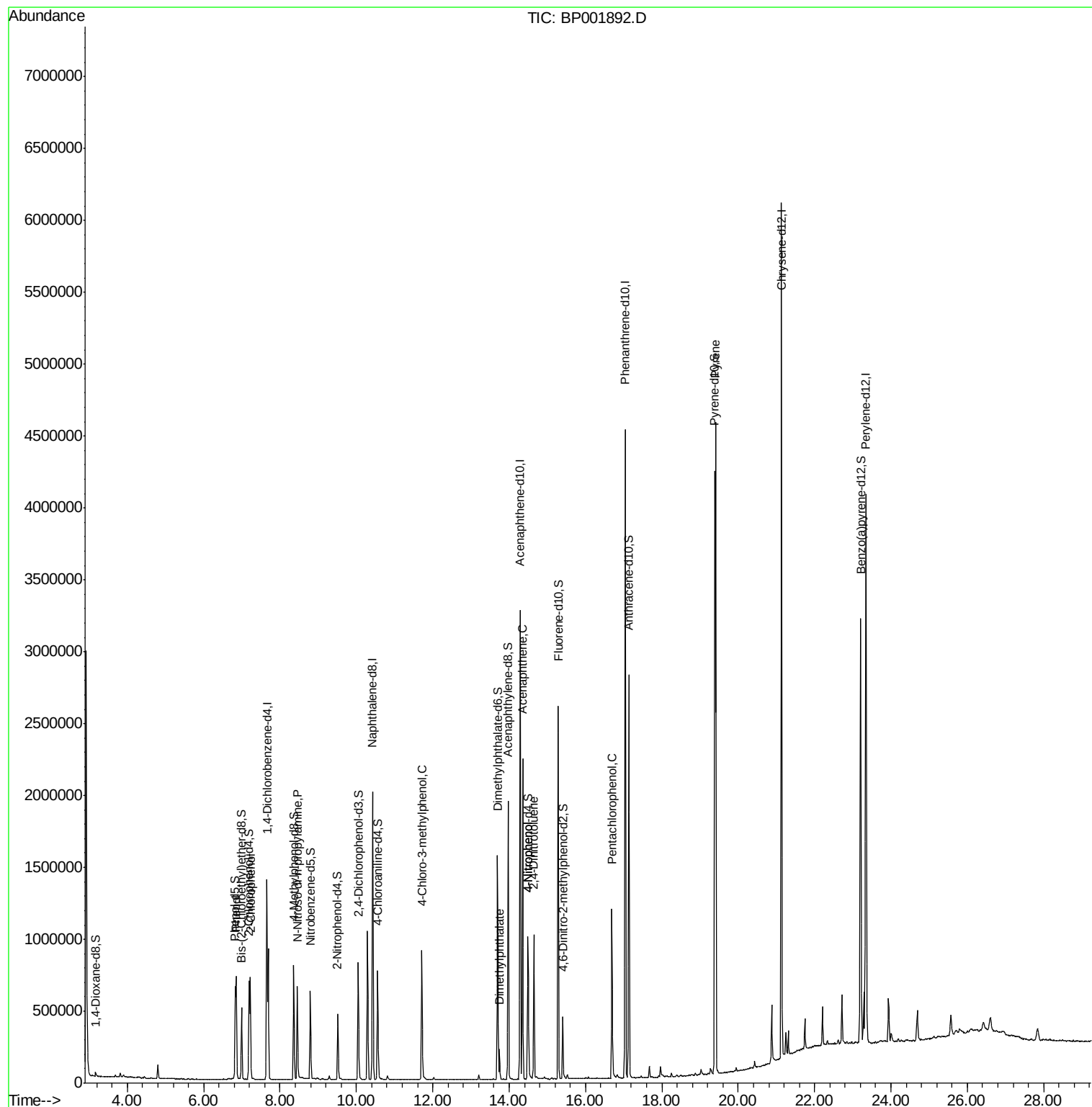
					Ovalue
6) Phenol	6.85	94	404150	12.490	ng/ul 98
10) 2-Chlorophenol	7.22	128	333410	12.772	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.45	70	233676	13.467	ng/ul 96
33) 4-Chloro-3-methylphenol	11.71	107	339390	13.928	ng/ul 99
45) Dimethylphthalate	13.75	163	137538	1.643	ng/ul 99
50) Acenaphthene	14.35	153	908036	12.504	ng/ul 100
53) 4-Nitrophenol	14.50	109	130013	12.677	ng/ul 96
55) 2,4-Dinitrotoluene	14.65	165	305698	14.228	ng/ul 93
69) Pentachlorophenol	16.69	266	219873	13.613	ng/ul 98
80) Pyrene	19.41	202	2600954	13.785	ng/ul 99

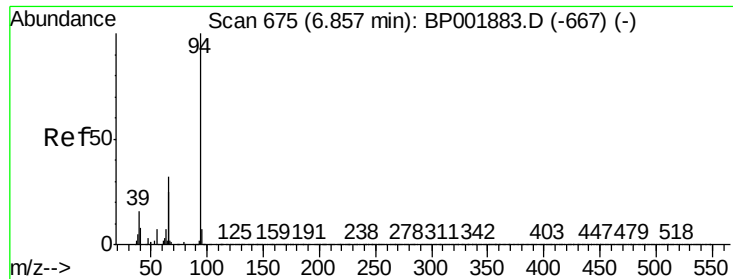
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 12.490 ng/ul

RT: 6.85 min Scan# 674

Delta R.T. -0.01 min

Lab File: BP001892.D

Acq: 25 Feb 2020 09:31

Instrument :

BNA_P

ClientSampleId :

DBD52MS

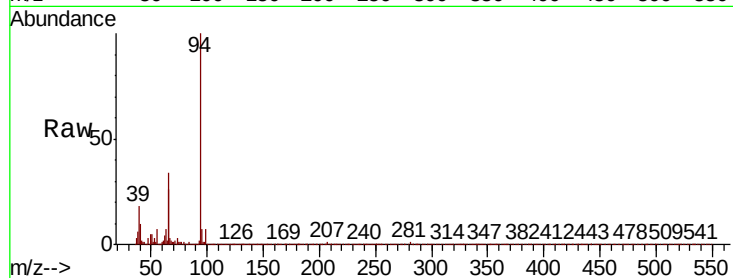
Tot Ion: 94 Resp: 404150

Ion Ratio Lower Upper

94 100

65 25.9 19.8 29.6

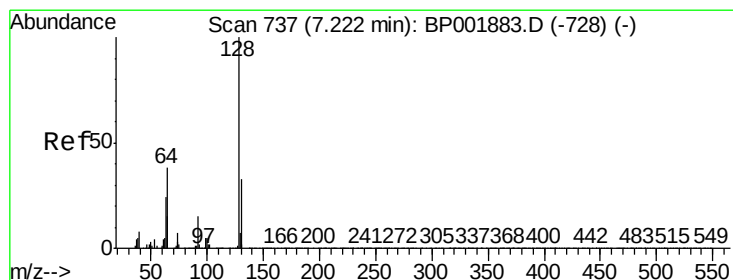
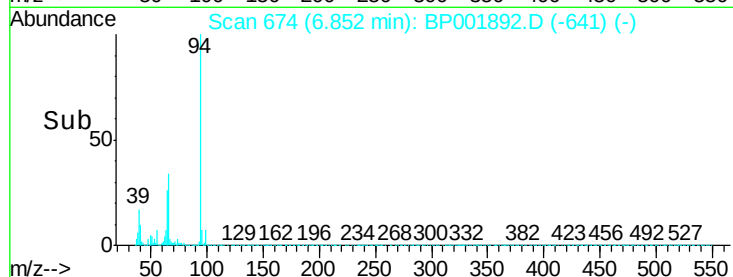
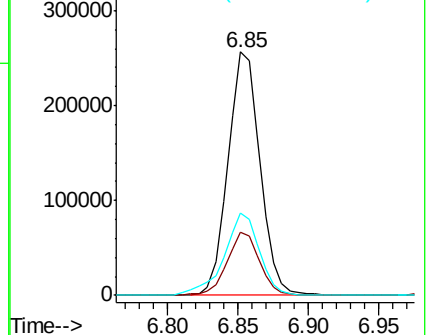
66 33.8 26.6 39.8



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



#10

2-Chlorophenol

Concen: 12.772 ng/ul

RT: 7.22 min Scan# 736

Delta R.T. -0.01 min

Lab File: BP001892.D

Acq: 25 Feb 2020 09:31

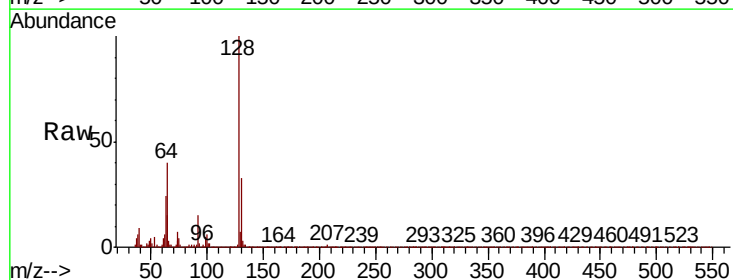
Tgt Ion: 128 Resp: 333410

Ion Ratio Lower Upper

128 100

64 39.9 32.9 49.3

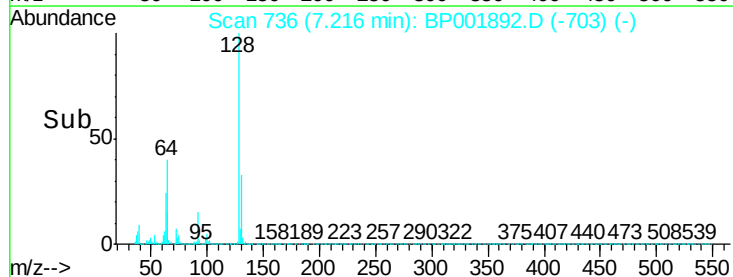
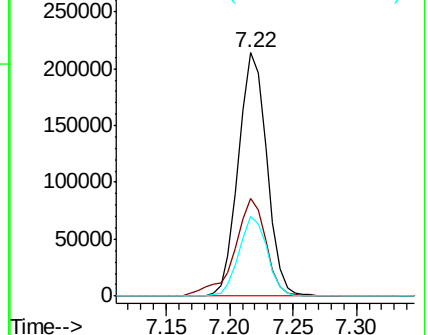
130 32.7 26.4 39.6

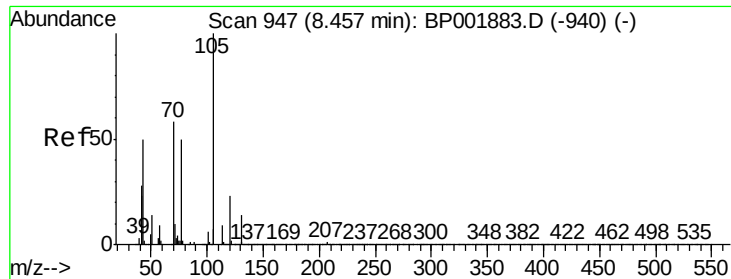


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 130.00 (129.70 to 130.70): E

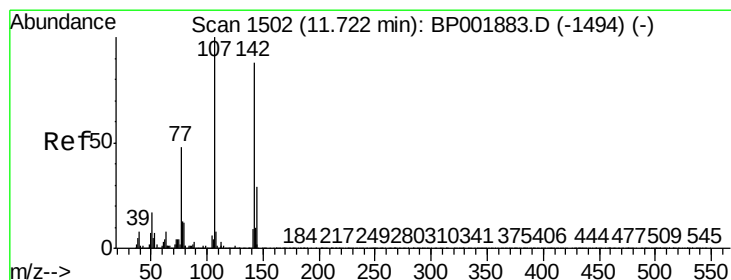
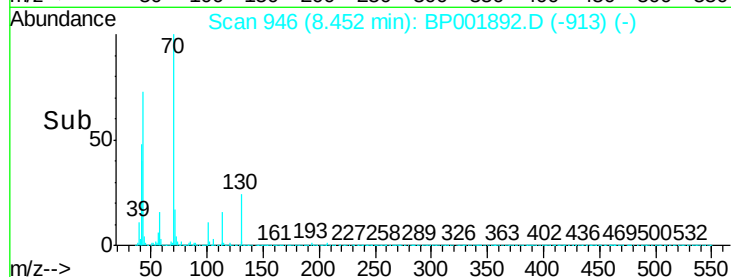
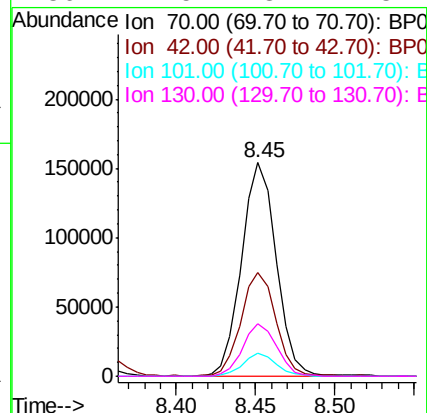
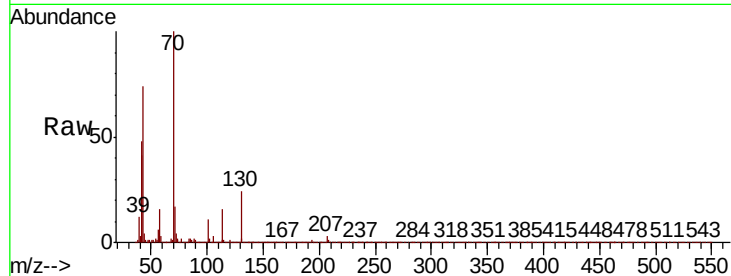




#15
N-Nitroso-di-n-propylamine
Concen: 13.467 ng/ul
RT: 8.45 min Scan# 946
Delta R.T. -0.01 min
Lab File: BP001892.D
Acq: 25 Feb 2020 09:31

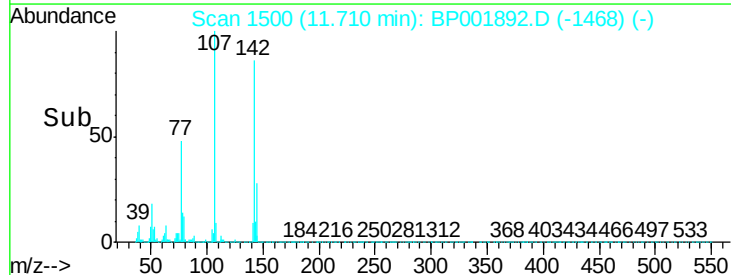
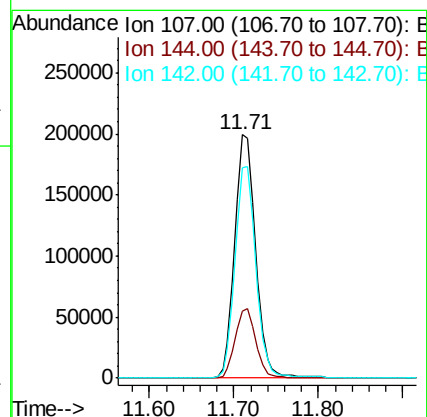
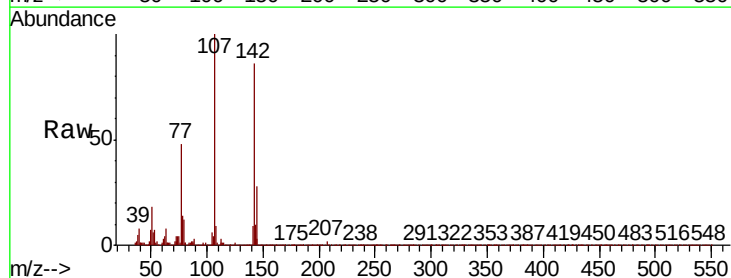
Instrument :
BNA_P
ClientSampleId :
DBD52MS

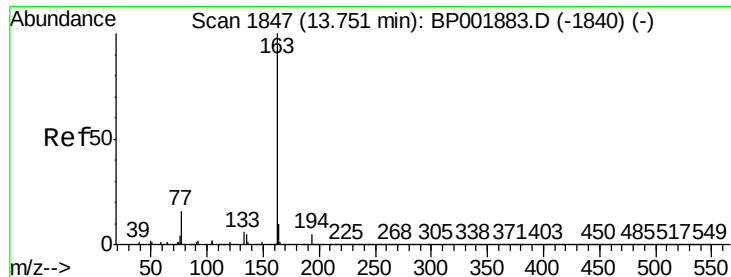
Tot Ion:	70	Resp:	233676
Ion	Ratio	Lower	Upper
70	100		
42	48.4	41.8	62.6
101	10.6	8.0	12.0
130	24.5	18.7	28.1



#33
4-Chloro-3-methylphenol
Concen: 13.928 ng/ul
RT: 11.71 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BP001892.D
Acq: 25 Feb 2020 09:31

Tgt Ion:	107	Resp:	339390
Ion	Ratio	Lower	Upper
107	100		
144	27.5	22.3	33.5
142	86.4	68.2	102.4

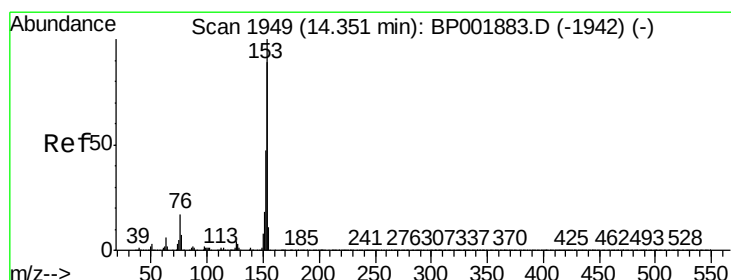
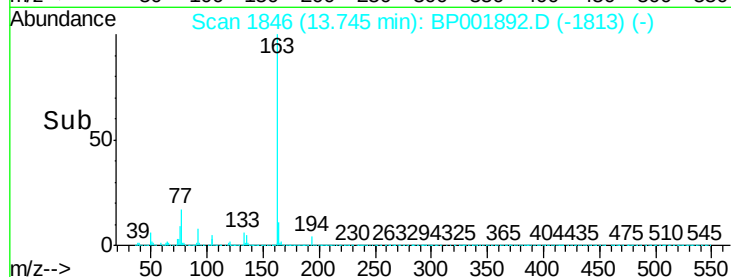
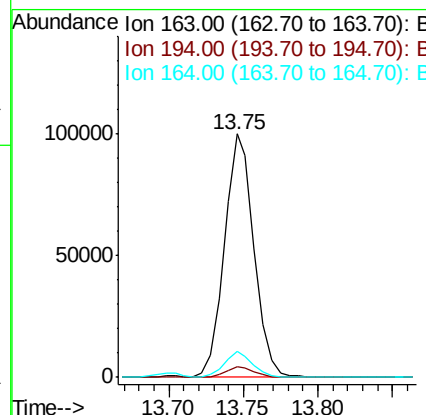
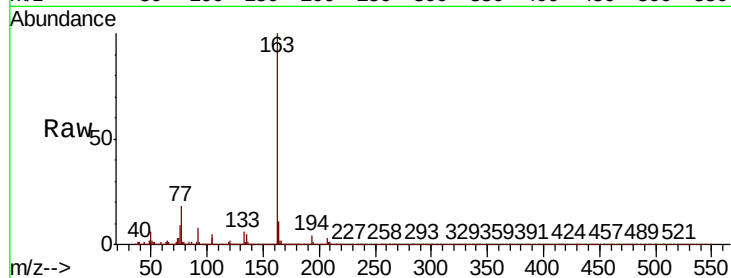




#45
Dimethylphthalate
Concen: 1.643 ng/ul
RT: 13.75 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BP001892.D
Acq: 25 Feb 2020 09:31

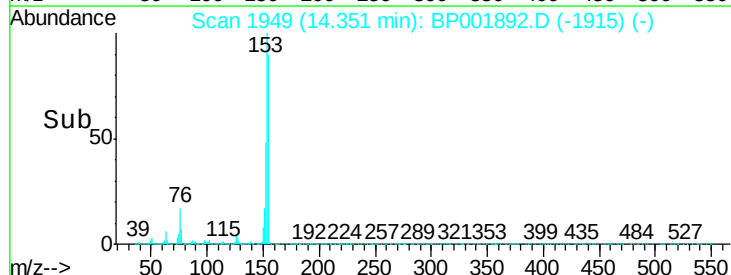
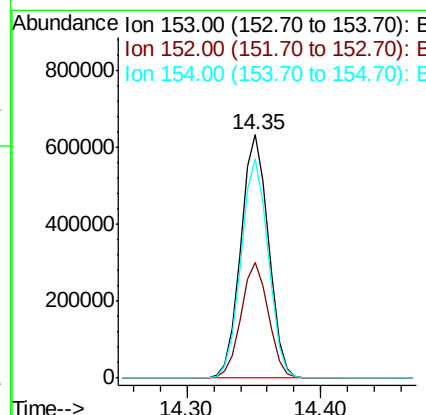
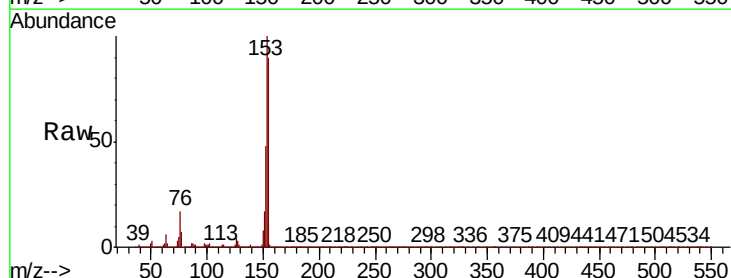
Instrument :
BNA_P
ClientSampled :
DBD52MS

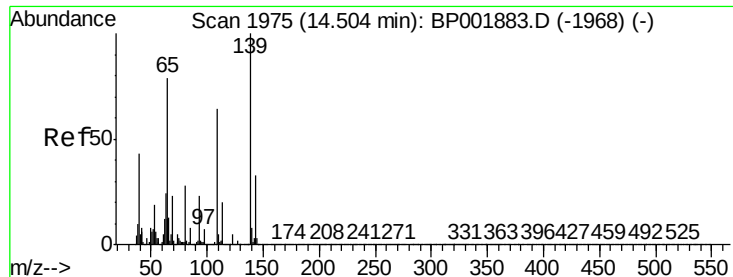
Tot Ion:163 Resp: 137538
Ion Ratio Lower Upper
163 100
194 4.5 3.5 5.3
164 10.7 8.0 12.0



#50
Acenaphthene
Concen: 12.504 ng/ul
RT: 14.35 min Scan# 1949
Delta R.T. 0.00 min
Lab File: BP001892.D
Acq: 25 Feb 2020 09:31

Tgt Ion:153 Resp: 908036
Ion Ratio Lower Upper
153 100
152 47.5 37.8 56.8
154 89.9 71.9 107.9





#53

4-Nitrophenol

Concen: 12.677 ng/ul

RT: 14.50 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BP001892.D

Acq: 25 Feb 2020 09:31

Instrument :

BNA_P

ClientSampleId :

DBD52MS

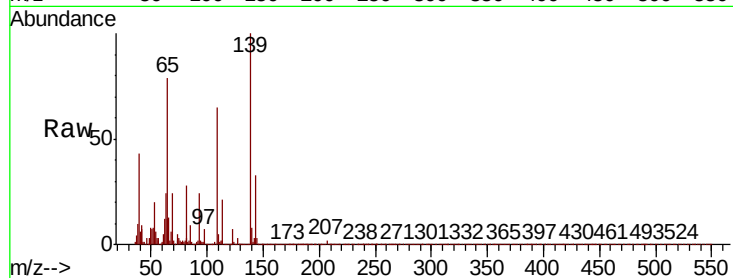
Tot Ion:109 Resp: 130013

Ion Ratio Lower Upper

109 100

139 154.9 123.1 184.7

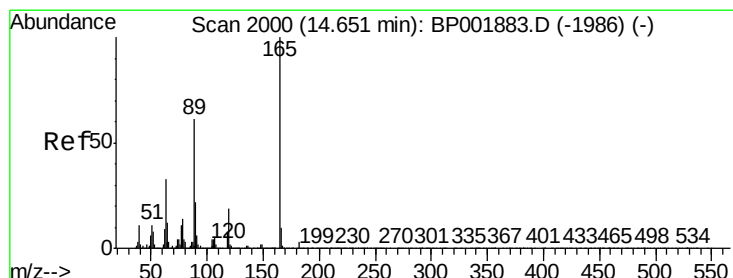
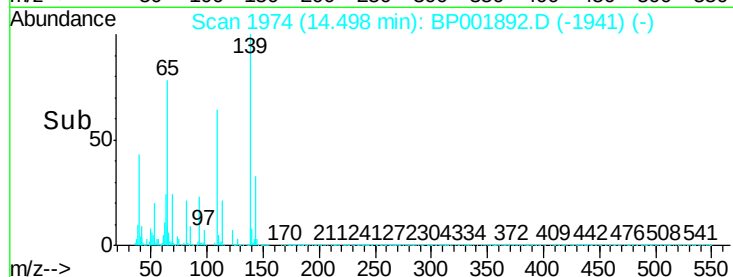
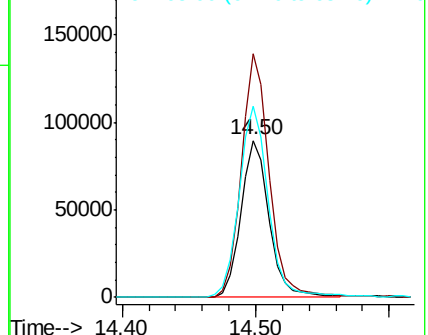
65 121.7 105.0 157.6



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BP0



#55

2,4-Dinitrotoluene

Concen: 14.228 ng/ul

RT: 14.65 min Scan# 2000

Delta R.T. 0.00 min

Lab File: BP001892.D

Acq: 25 Feb 2020 09:31

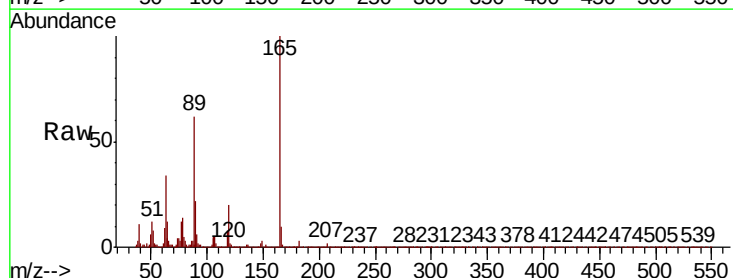
Tgt Ion:165 Resp: 305698

Ion Ratio Lower Upper

165 100

63 34.0 31.0 46.6

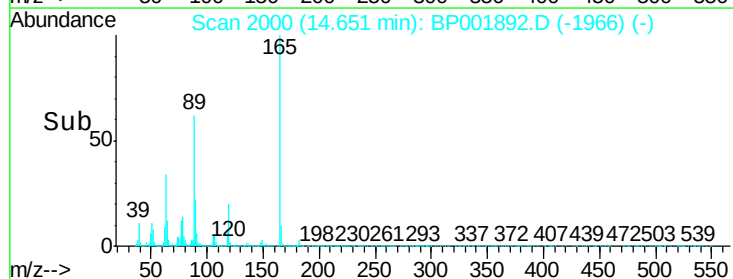
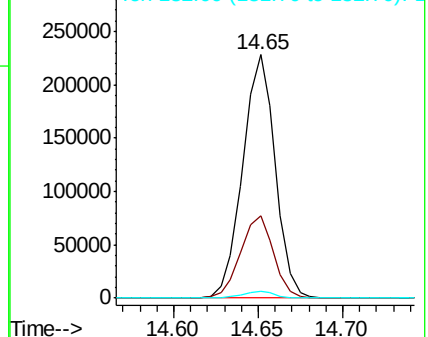
182 2.9 2.4 3.6

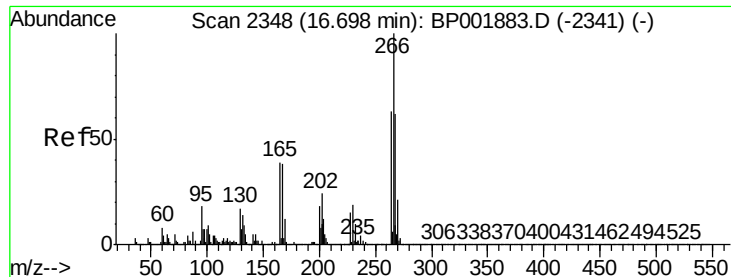


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 182.00 (181.70 to 182.70): E

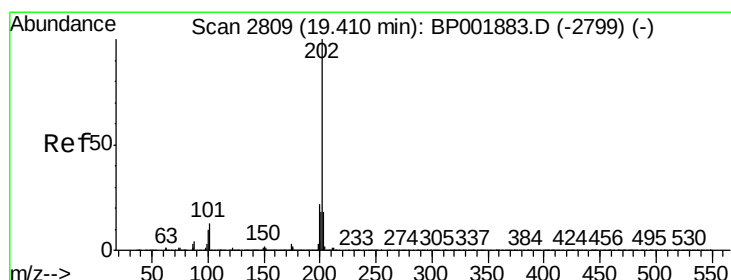
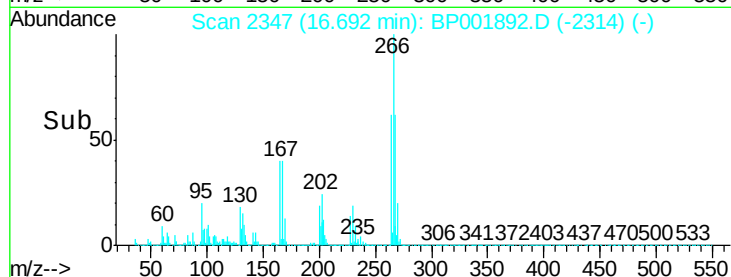
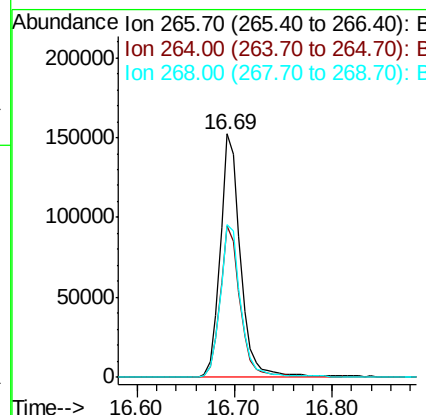
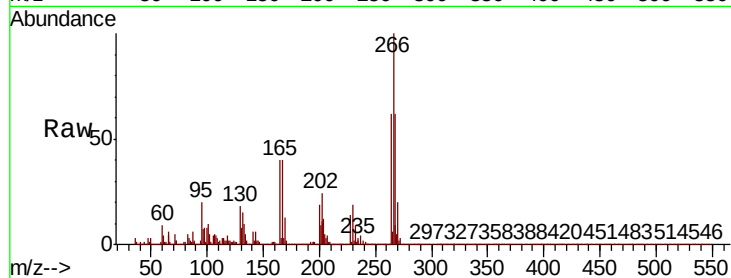




#69
 Pentachlorophenol
 Concen: 13.613 ng/ul
 RT: 16.69 min Scan# 2347
 Delta R.T. -0.01 min
 Lab File: BP001892.D
 Acq: 25 Feb 2020 09:31

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 BNA_P
 ClientSampleId :
 DBD52MS

Tot Ion	Ratio	Lower	Upper
266	100		
264	62.3	51.1	76.7
268	62.5	51.5	77.3



#80
 Pyrene
 Concen: 13.785 ng/ul
 RT: 19.41 min Scan# 2809
 Delta R.T. 0.00 min
 Lab File: BP001892.D
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Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	10.2	15.2
100	9.8	8.2	12.2

