

Data File : BP001901.D
Acq On : 25 Feb 2020 15:58
Operator : CG/JU
Sample : L1542-18MSD
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBD52MSD

Quant Time: Feb 26 04:40:03 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	326205	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	1404055	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	953040	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	2256534	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	2426050	20.00	ng/ul	0.00
86) Perylene-d12	23.34	264	2472670	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.17	96	14234	1.81	ng/uL	0.00
5) Phenol-d5	6.83	99	269071	10.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	156085	10.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	237533	11.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	217149	11.11	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	111683	11.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.51	143	112979	13.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	241153	11.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	318450	13.17	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	848418	12.69	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	985247	11.96	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	110771	9.51	ng/ul	0.00
58) Fluorene-d10	15.28	176	777075	12.92	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	73976	8.32	ng/ul	0.00
71) Anthracene-d10	17.13	188	1255736	12.63	ng/ul	0.00
79) Pyrene-d10	19.38	212	1657198	13.31	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.20	264	1700393	14.24	ng/ul	0.00

Target Compounds

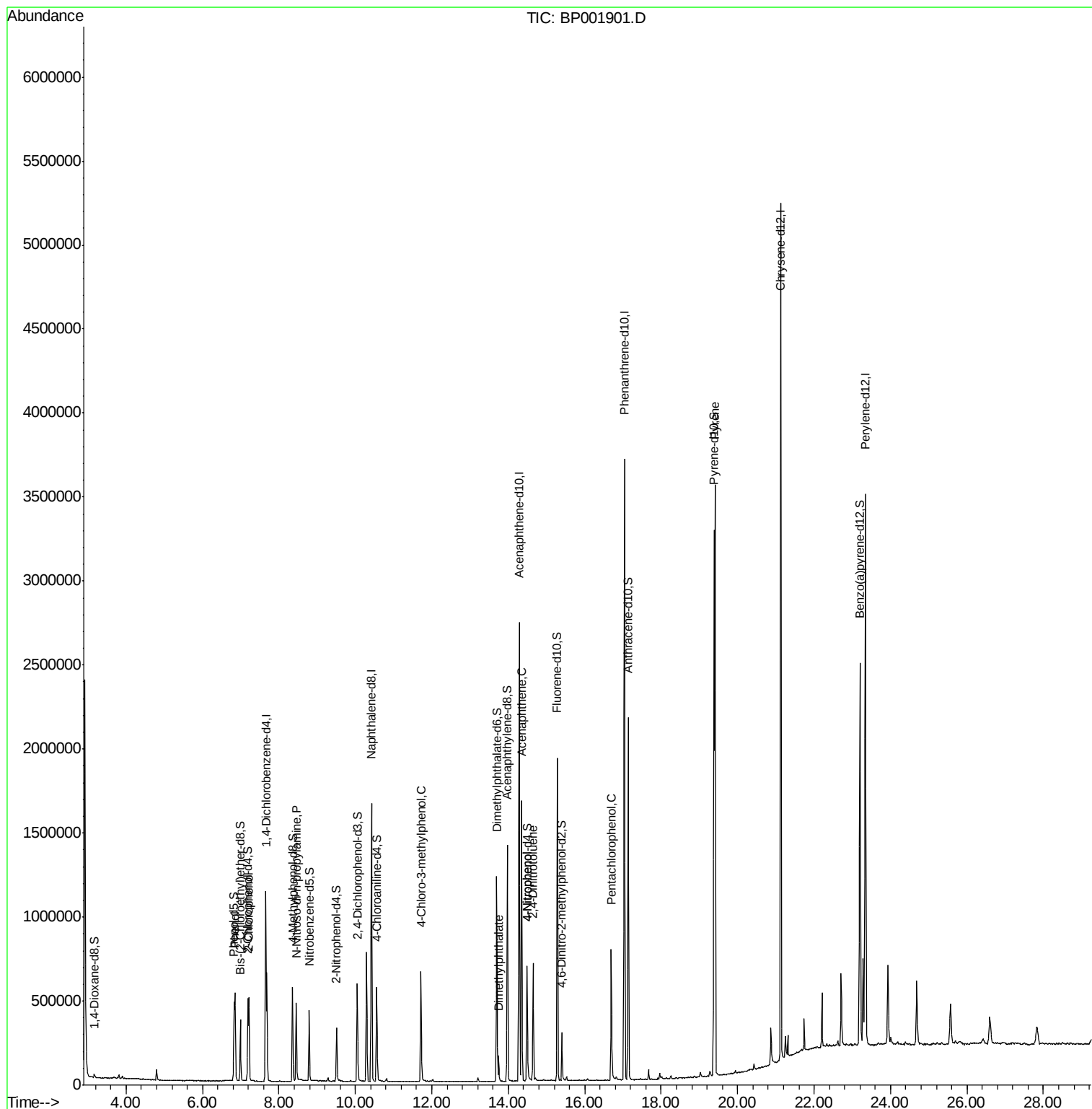
						Qvalue
6) Phenol	6.85	94	296927	11.368	ng/ul	99
10) 2-Chlorophenol	7.22	128	242560	11.511	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.45	70	166072	11.856	ng/ul	95
33) 4-Chloro-3-methylphenol	11.71	107	245922	12.312	ng/ul	99
45) Dimethylphthalate	13.75	163	99863	1.419	ng/ul	100
50) Acenaphthene	14.35	153	678670	11.117	ng/ul	99
53) 4-Nitrophenol	14.50	109	93865	10.886	ng/ul	93
55) 2,4-Dinitrotoluene	14.65	165	222088	12.295	ng/ul	90
69) Pentachlorophenol	16.69	266	148730	10.748	ng/ul	98
80) Pyrene	19.41	202	2049924	12.422	ng/ul	97

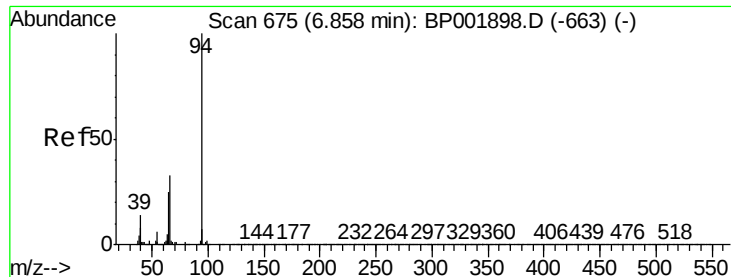
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 11.368 ng/ul

RT: 6.85 min Scan# 674

Delta R.T. -0.01 min

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Instrument :

BNA_P

ClientSampleId :

DBD52MSD

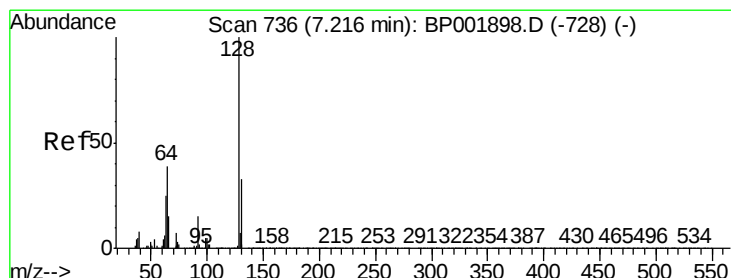
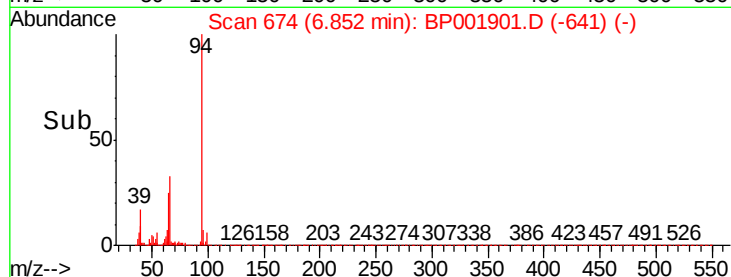
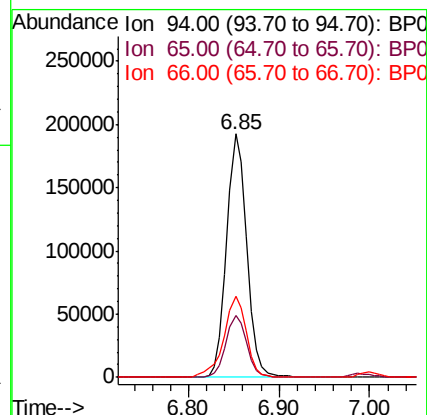
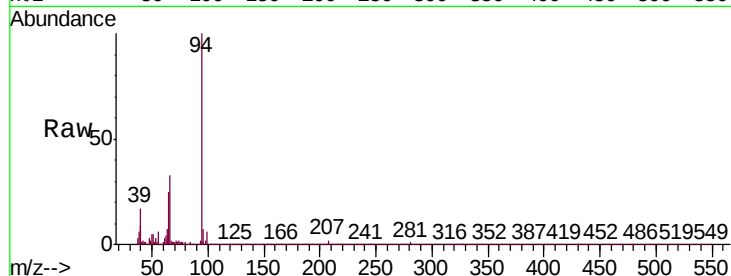
Tgt Ion: 94 Resp: 296927

Ion Ratio Lower Upper

94 100

65 25.3 19.8 29.6

66 33.2 26.6 39.8



#10

2-Chlorophenol

Concen: 11.511 ng/ul

RT: 7.22 min Scan# 736

Delta R.T. 0.00 min

Lab File: BP001901.D

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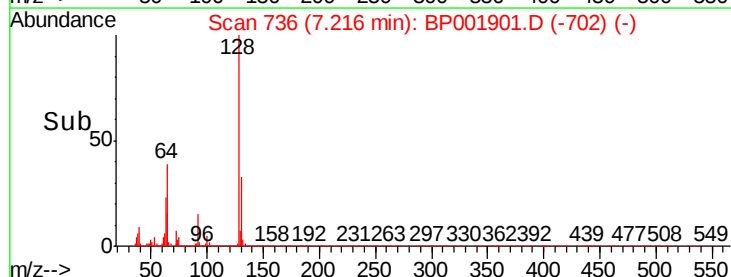
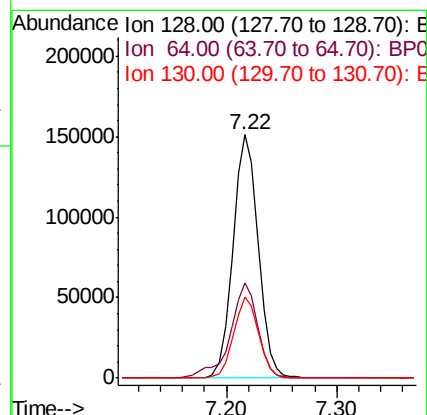
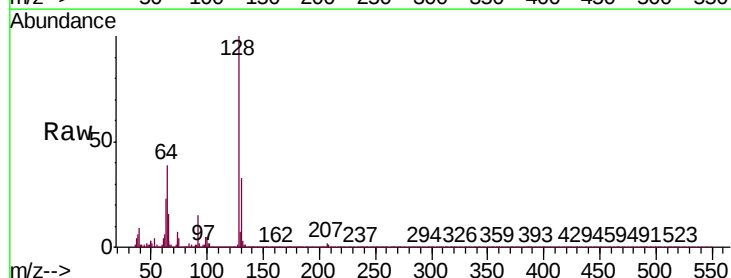
Tgt Ion: 128 Resp: 242560

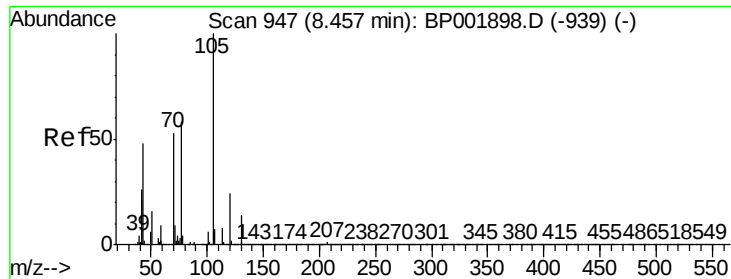
Ion Ratio Lower Upper

128 100

64 39.0 32.9 49.3

130 33.1 26.4 39.6

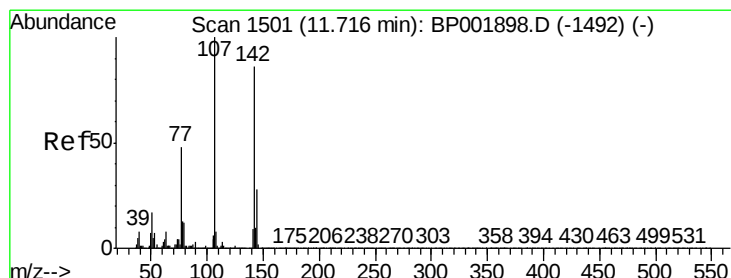
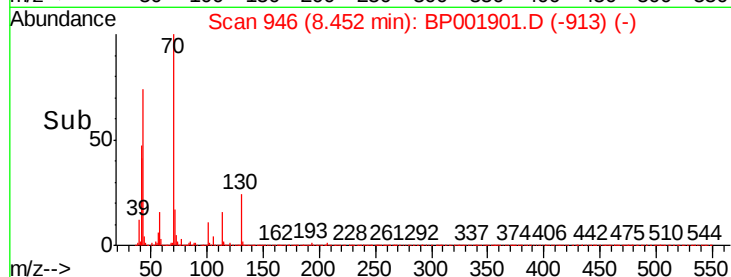
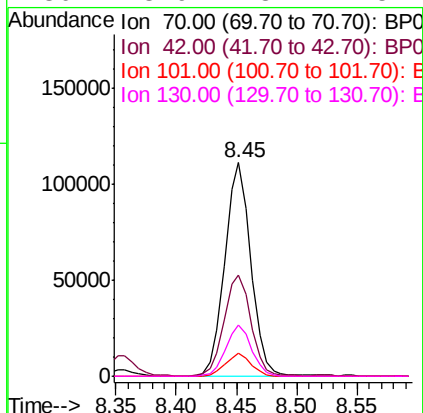
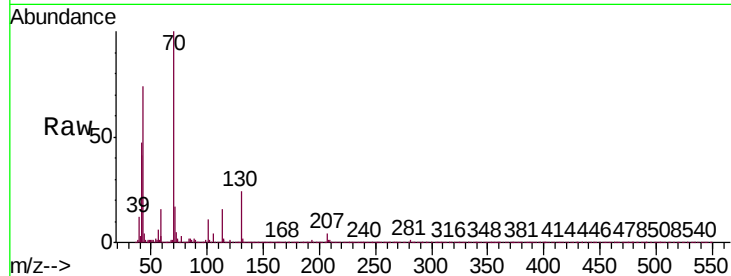




#15
N-Nitroso-di-n-propylamine
Concen: 11.856 ng/ul
RT: 8.45 min Scan# 946
Delta R.T. -0.01 min
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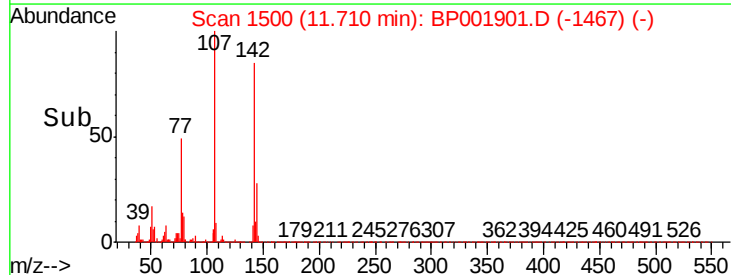
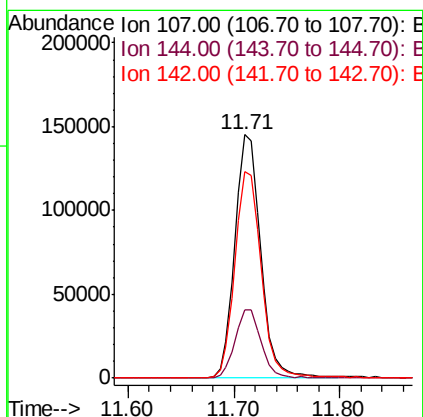
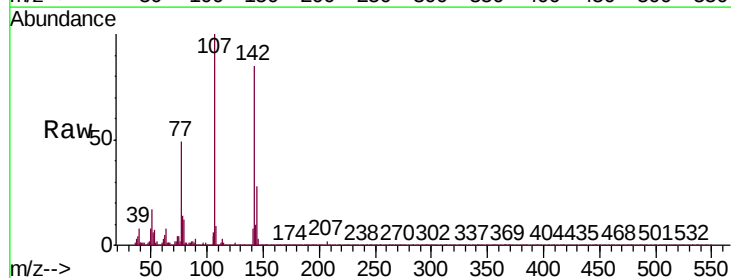
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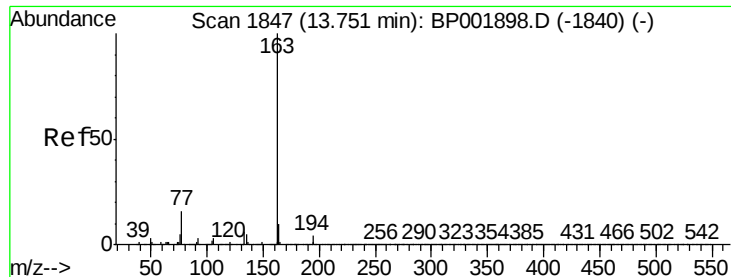
Tgt Ion:	70	Resp:	166072
Ion	Ratio	Lower	Upper
70	100		
42	47.4	41.8	62.6
101	10.6	8.0	12.0
130	23.9	18.7	28.1



#33
4-Chloro-3-methylphenol
Concen: 12.312 ng/ul
RT: 11.71 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BP001901.D
Acq: 25 Feb 2020 15:58

Tgt Ion:	107	Resp:	245922
Ion	Ratio	Lower	Upper
107	100		
144	28.0	22.3	33.5
142	84.7	68.2	102.4

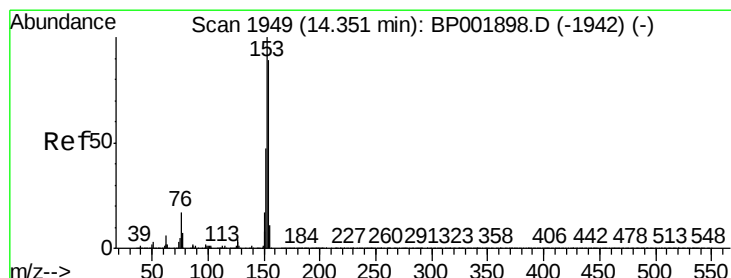
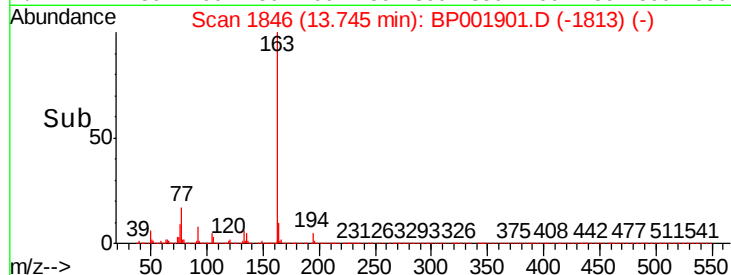
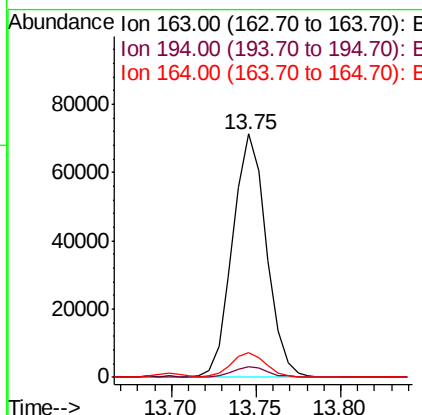
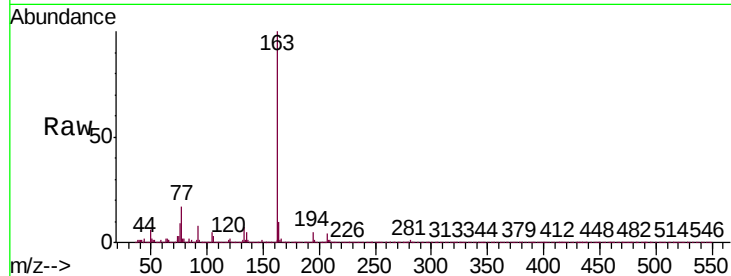




#45
Dimethylphthalate
Concen: 1.419 ng/ul
RT: 13.75 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BP001901.D
Acq: 25 Feb 2020 15:58

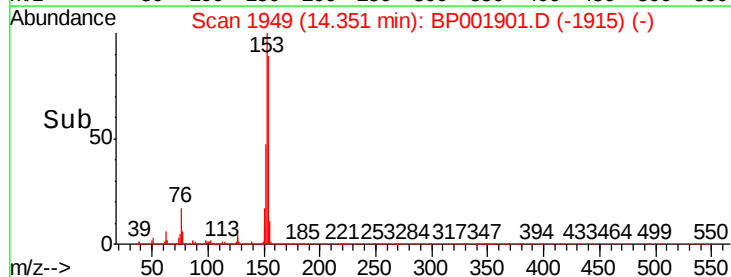
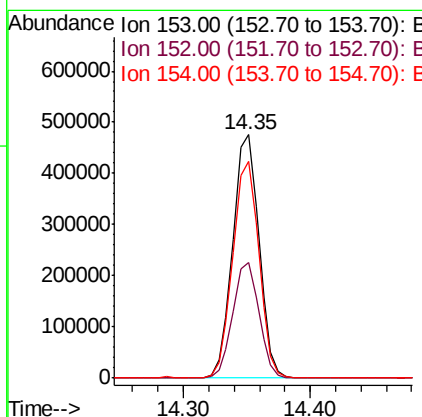
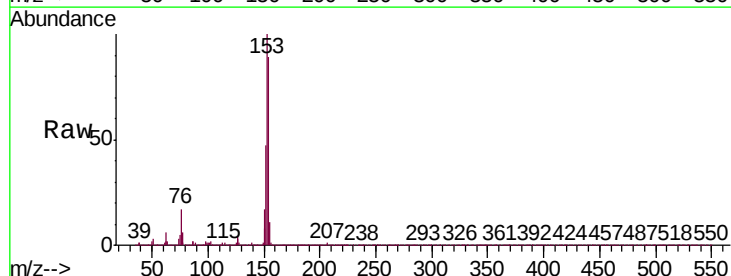
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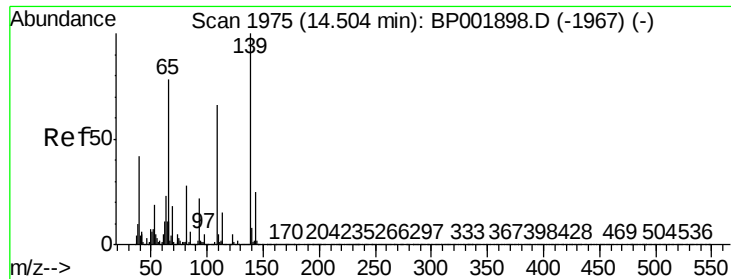
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.5	5.3
164	10.1	8.0	12.0



#50
Acenaphthene
Concen: 11.117 ng/ul
RT: 14.35 min Scan# 1949
Delta R.T. 0.00 min
Lab File: BP001901.D
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Tgt Ion	Ratio	Lower	Upper
153	100		
152	47.4	37.8	56.8
154	89.1	71.9	107.9

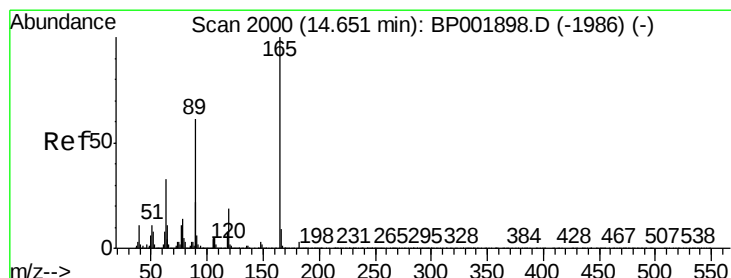
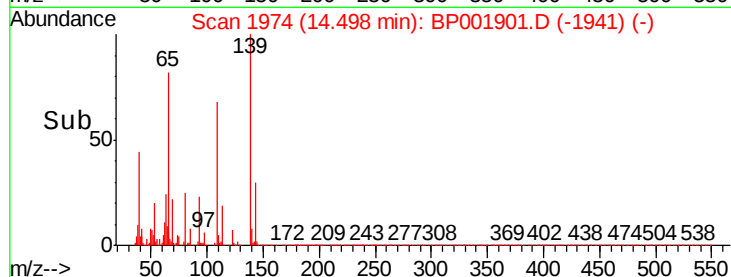
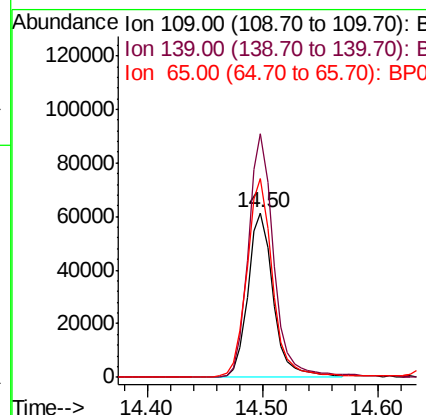
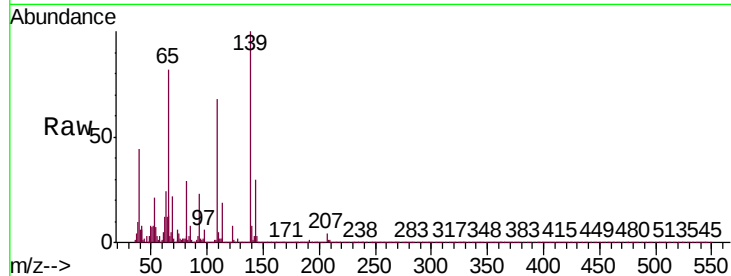




#53
4-Nitrophenol
Concen: 10.886 ng/ul
RT: 14.50 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BP001901.D
Acq: 25 Feb 2020 15:58

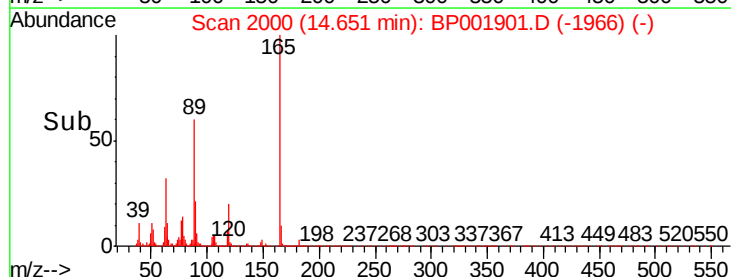
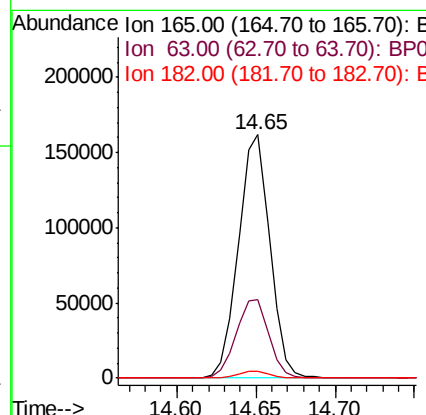
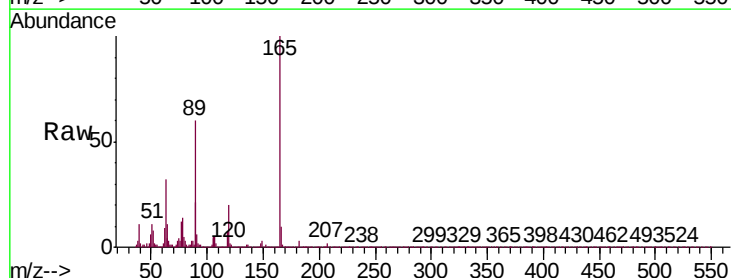
Instrument :
BNA_P
ClientSampleId :
DBD52MSD

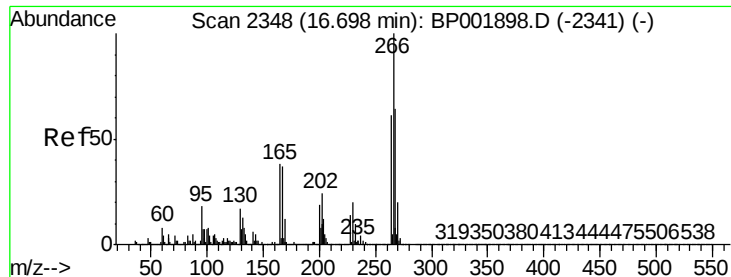
Tgt Ion:109 Resp: 93865
Ion Ratio Lower Upper
109 100
139 147.7 123.1 184.7
65 120.6 105.0 157.6



#55
2,4-Dinitrotoluene
Concen: 12.295 ng/ul
RT: 14.65 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BP001901.D
Acq: 25 Feb 2020 15:58

Tgt Ion:165 Resp: 222088
Ion Ratio Lower Upper
165 100
63 32.5 31.0 46.6
182 2.8 2.4 3.6





#69

Pentachlorophenol

Concen: 10.748 ng/ul

RT: 16.69 min Scan# 2347

Delta R.T. -0.01 min

Lab File: BP001901.D

Acq: 25 Feb 2020 15:58

Instrument :

BNA_P

ClientSampleId :

DBD52MSD

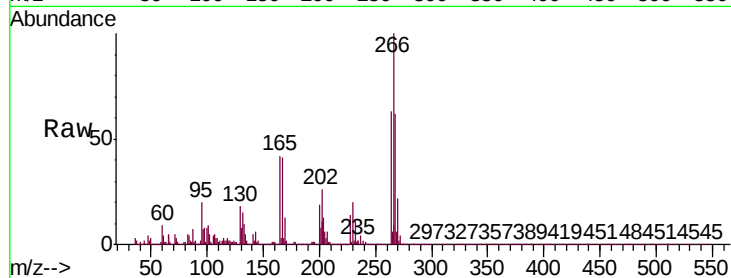
Tgt Ion:266 Resp: 148730

Ion Ratio Lower Upper

266 100

264 62.9 51.1 76.7

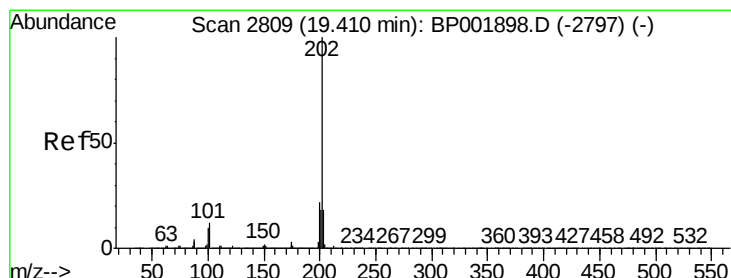
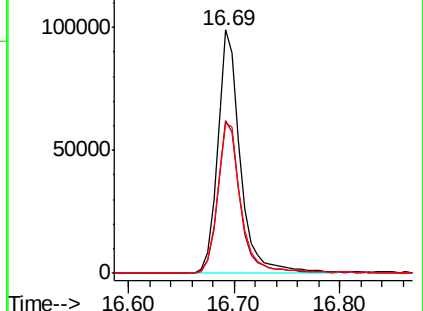
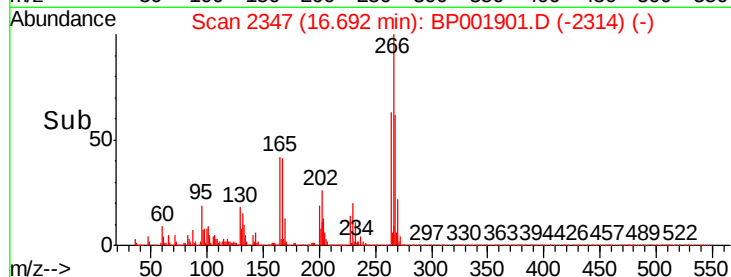
268 61.8 51.5 77.3



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: 12.422 ng/ul

RT: 19.41 min Scan# 2809

Delta R.T. 0.00 min

Lab File: BP001901.D

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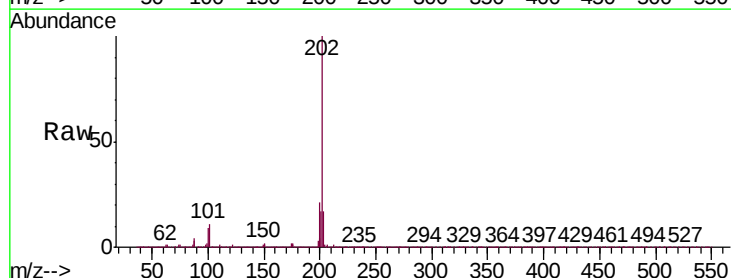
Tgt Ion:202 Resp: 2049924

Ion Ratio Lower Upper

202 100

101 11.4 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

