

Data File : BP001829.D
Acq On : 21 Feb 2020 18:30
Operator : CG/JU
Sample : L1506-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBCY1MSD

Quant Time: Feb 22 03:46:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 22 03:43:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	343142	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1463624	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	946234	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	2160014	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	2184411	20.00	ng/ul	0.00
86) Perylene-d12	23.34	264	2432796	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.17	96	52245	6.32	ng/uL	0.00
5) Phenol-d5	6.83	99	1128516	43.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	630365	41.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	964070	46.01	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	943208	45.86	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	512991	51.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	580999	64.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	1065521	50.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	1309394	51.96	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	3535086	53.24	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	4128258	50.49	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	626925	54.22	ng/ul	0.00
58) Fluorene-d10	15.29	176	3052681	51.12	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	529027	62.12	ng/ul	0.00
71) Anthracene-d10	17.14	188	4629534	48.65	ng/ul	0.00
79) Pyrene-d10	19.39	212	5440632	48.53	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.21	264	6113955	52.04	ng/ul	0.00

Target Compounds

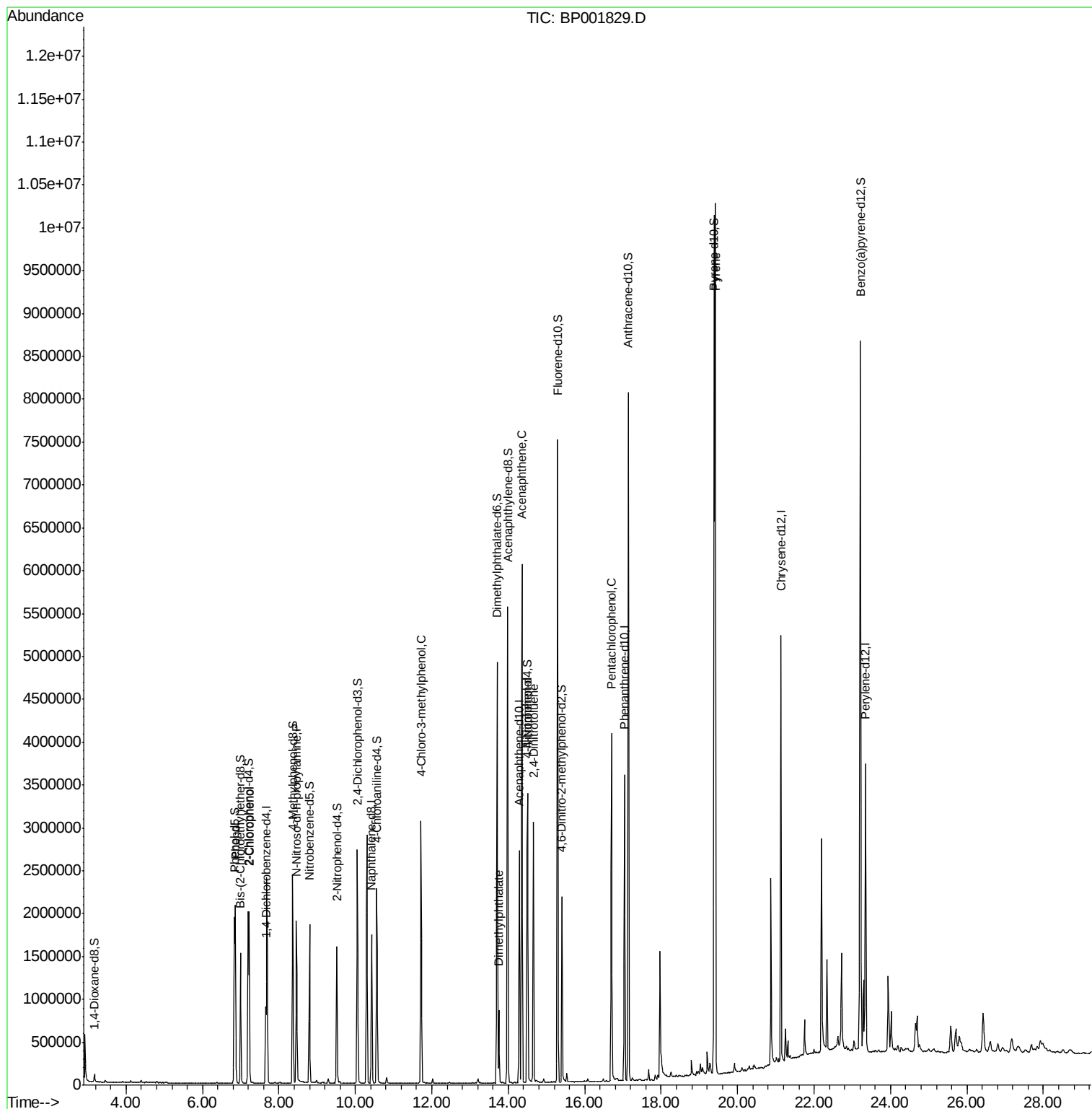
						Qvalue
6) Phenol	6.86	94	1150275	41.864	ng/ul	98
10) 2-Chlorophenol	7.22	128	932320	42.062	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.46	70	729352	49.501	ng/ul	97
33) 4-Chloro-3-methylphenol	11.72	107	1094462	52.563	ng/ul	98
45) Dimethylphthalate	13.75	163	541092	7.742	ng/ul	99
50) Acenaphthene	14.36	153	2597635	42.856	ng/ul	99
53) 4-Nitrophenol	14.51	109	451671	52.761	ng/ul	94
55) 2,4-Dinitrotoluene	14.66	165	968645	54.013	ng/ul	92
69) Pentachlorophenol	16.70	266	753503	56.884	ng/ul	100
80) Pyrene	19.42	202	6005284	40.417	ng/ul	100

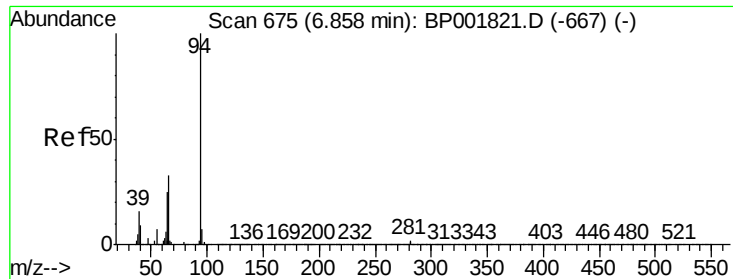
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 41.864 ng/ul

RT: 6.86 min Scan# 675

Delta R.T. -0.00 min

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Instrument :

BNA_P

ClientSampleId :

DBCY1MSD

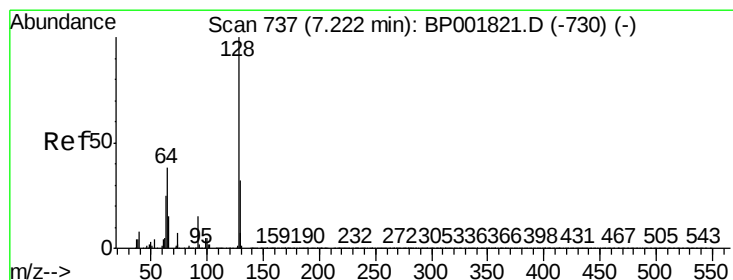
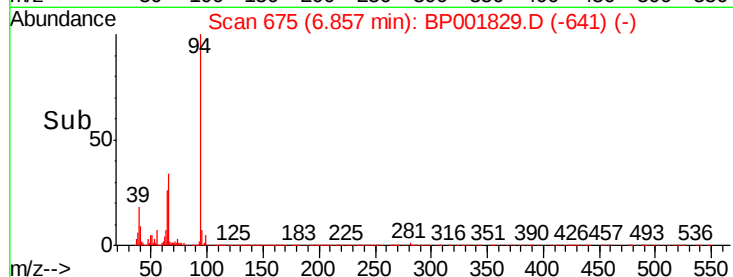
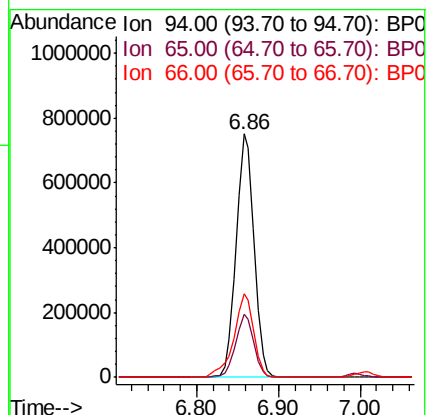
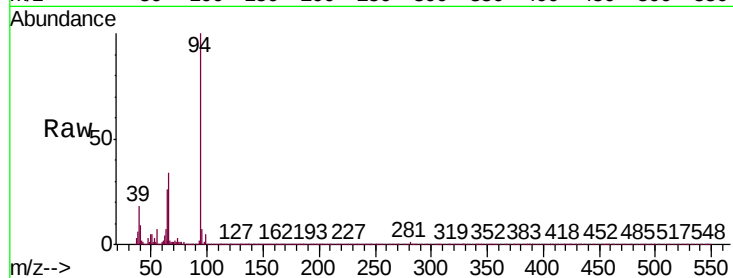
Tgt Ion: 94 Resp: 1150275

Ion Ratio Lower Upper

94 100

65 25.9 19.8 29.6

66 34.1 26.6 39.8



#10

2-Chlorophenol

Concen: 42.062 ng/ul

RT: 7.22 min Scan# 737

Delta R.T. -0.00 min

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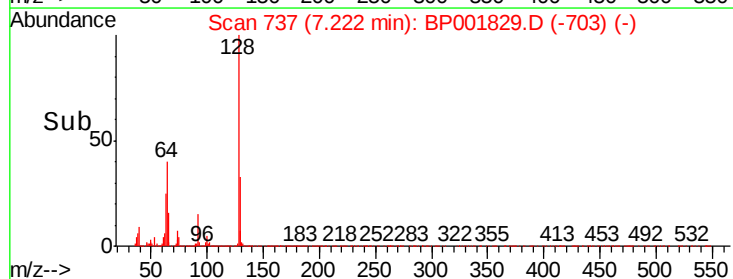
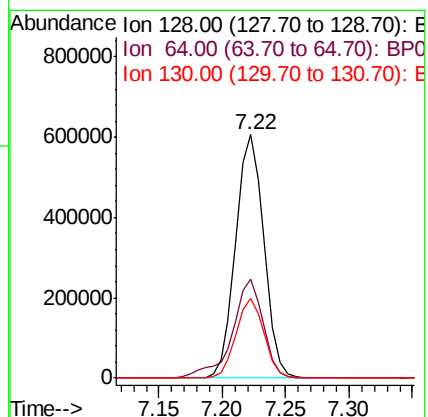
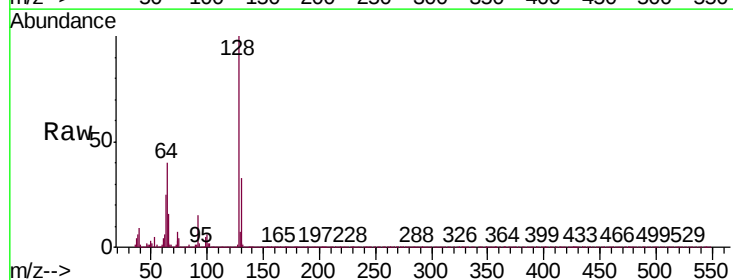
Tgt Ion: 128 Resp: 932320

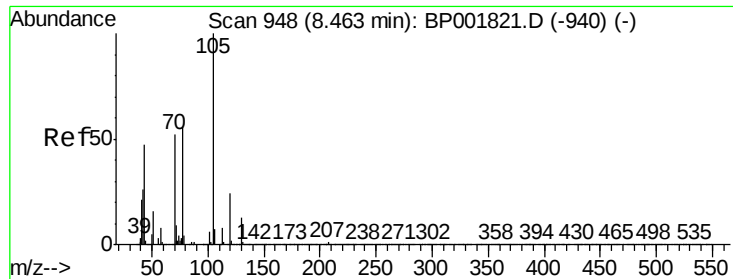
Ion Ratio Lower Upper

128 100

64 40.5 32.9 49.3

130 32.8 26.4 39.6

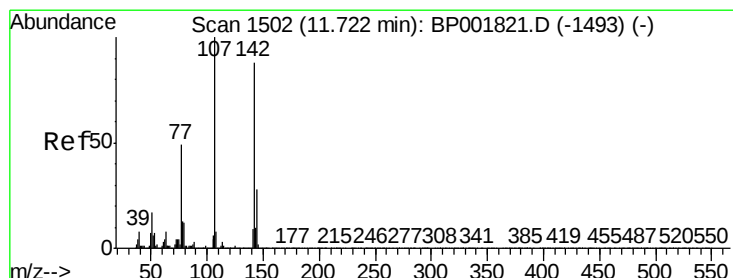
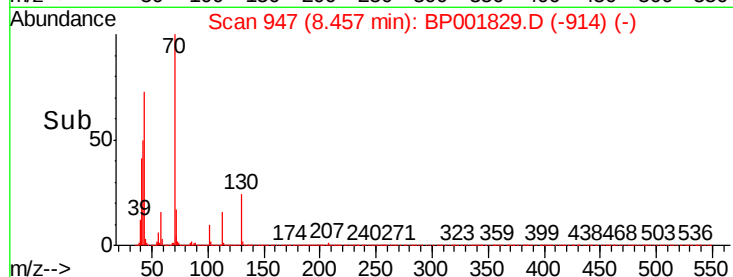
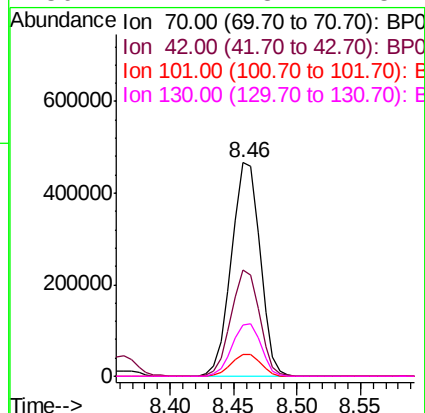
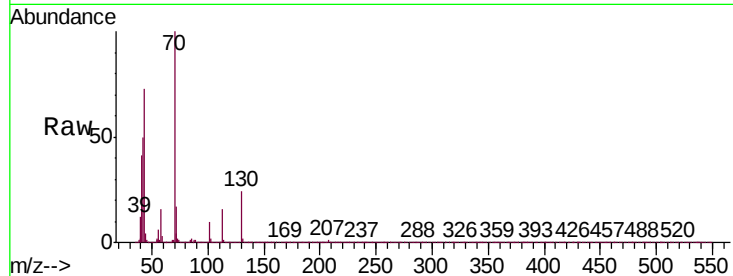




#15
N-Nitroso-di-n-propylamine
Concen: 49.501 ng/ul
RT: 8.46 min Scan# 947
Delta R.T. -0.01 min
Lab File: BP001829.D
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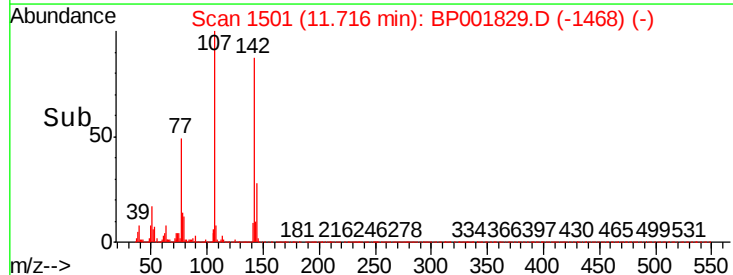
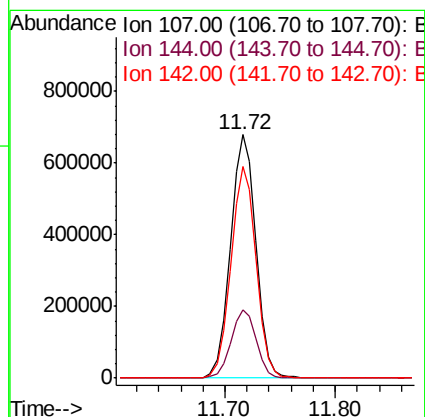
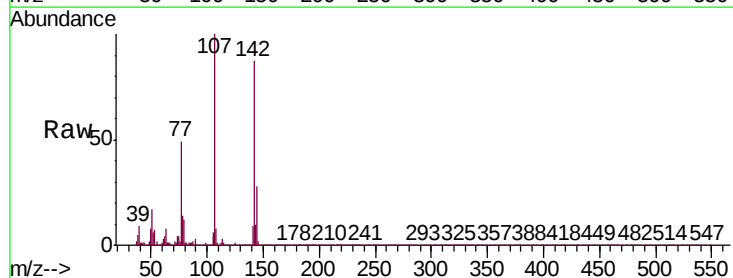
Instrument :
BNA_P
ClientSampleId :
DBCY1MSD

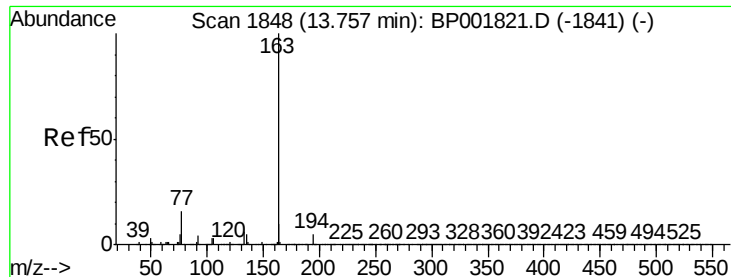
Tgt Ion:	70	Resp:	729352
Ion	Ratio	Lower	Upper
70	100		
42	49.7	41.8	62.6
101	10.3	8.0	12.0
130	24.1	18.7	28.1



#33
4-Chloro-3-methylphenol
Concen: 52.563 ng/ul
RT: 11.72 min Scan# 1501
Delta R.T. -0.01 min
Lab File: BP001829.D
Acq: 21 Feb 2020 18:30

Tgt Ion:	107	Resp:	1094462
Ion	Ratio	Lower	Upper
107	100		
144	28.1	22.3	33.5
142	87.1	68.2	102.4

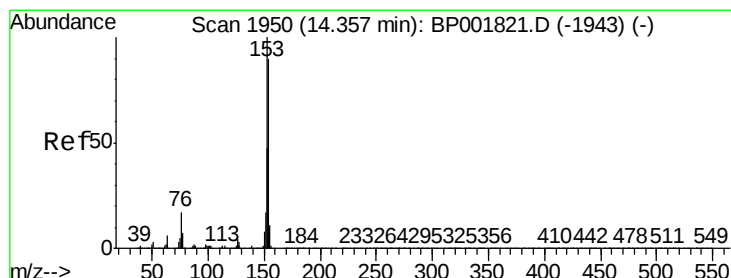
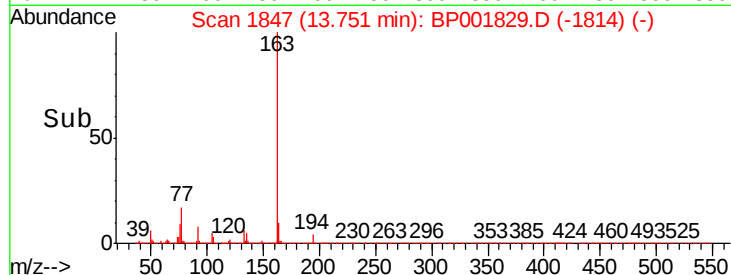
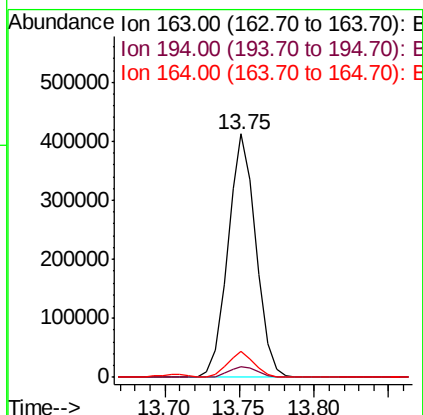
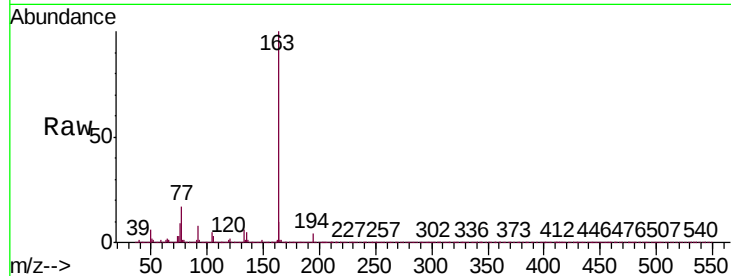




#45
Dimethylphthalate
Concen: 7.742 ng/ul
RT: 13.75 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BP001829.D
Acq: 21 Feb 2020 18:30

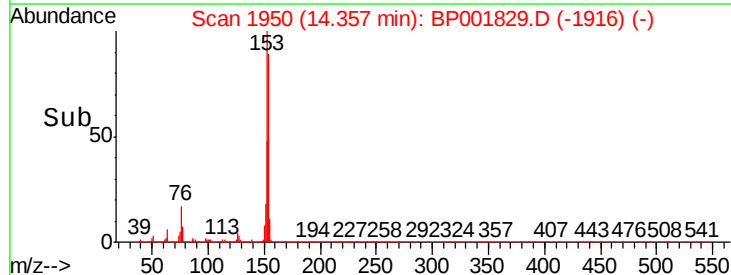
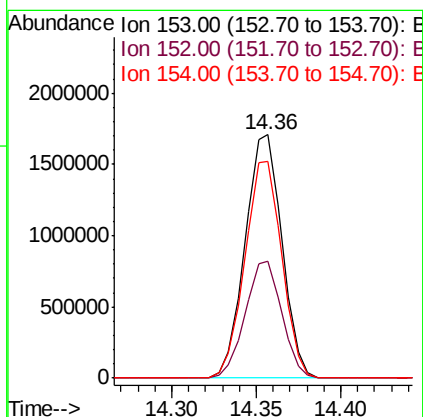
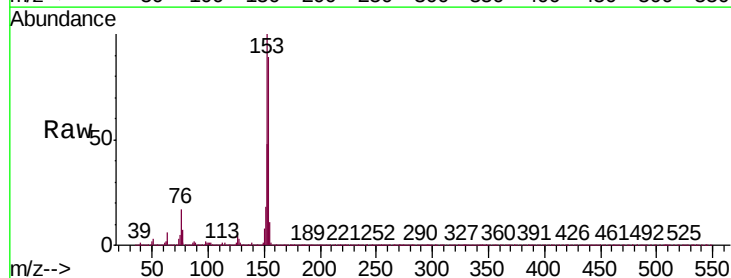
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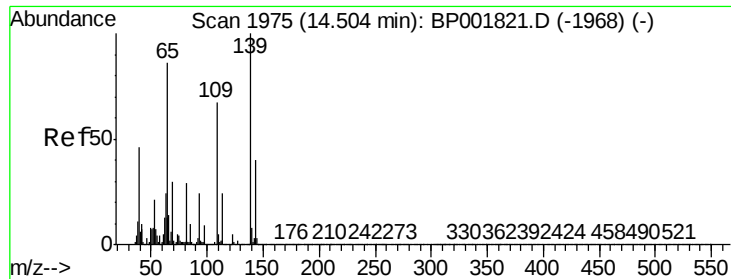
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	10.4	8.0	12.0



#50
Acenaphthene
Concen: 42.856 ng/ul
RT: 14.36 min Scan# 1950
Delta R.T. -0.00 min
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Tgt Ion	Ratio	Lower	Upper
153	100		
152	47.8	37.8	56.8
154	89.3	71.9	107.9

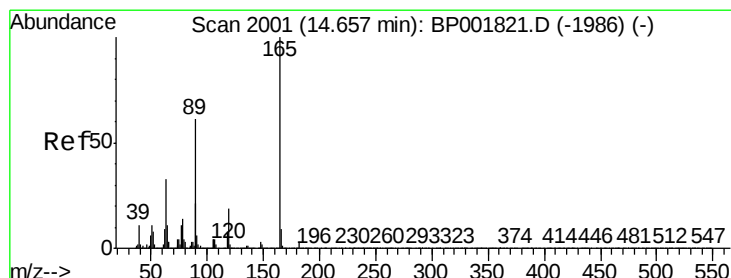
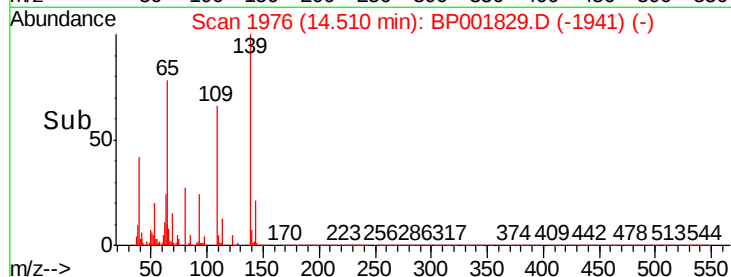
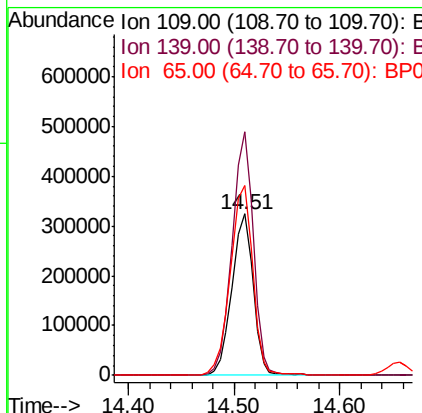
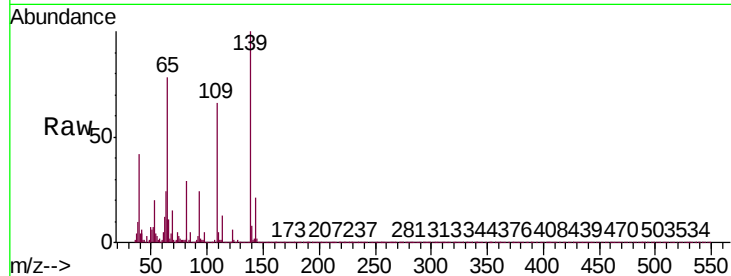




#53
4-Nitrophenol
Concen: 52.761 ng/ul
RT: 14.51 min Scan# 1976
Delta R.T. 0.01 min
Lab File: BP001829.D
Acq: 21 Feb 2020 18:30

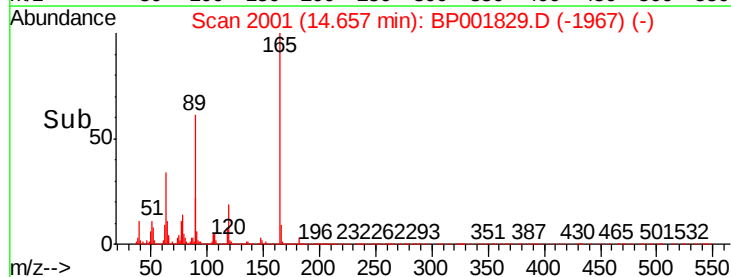
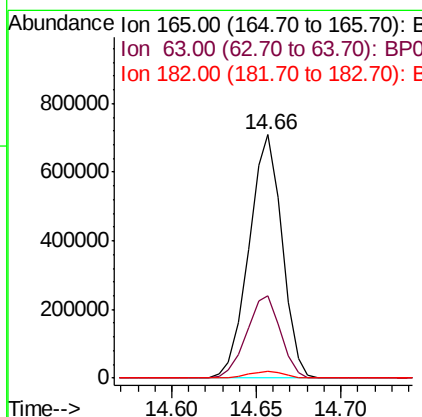
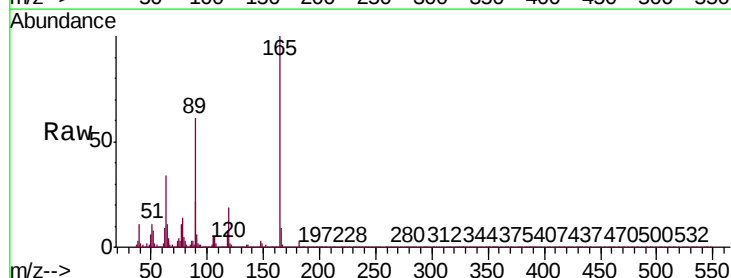
Instrument :
BNA_P
ClientSampleId :
DBCY1MSD

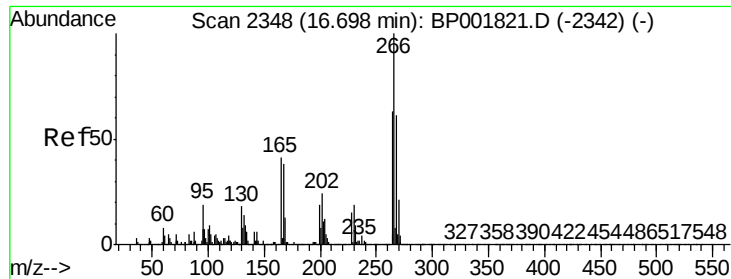
Tgt Ion:109 Resp: 451671
Ion Ratio Lower Upper
109 100
139 151.1 123.1 184.7
65 118.1 105.0 157.6



#55
2,4-Dinitrotoluene
Concen: 54.013 ng/ul
RT: 14.66 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BP001829.D
Acq: 21 Feb 2020 18:30

Tgt Ion:165 Resp: 968645
Ion Ratio Lower Upper
165 100
63 33.9 31.0 46.6
182 2.9 2.4 3.6

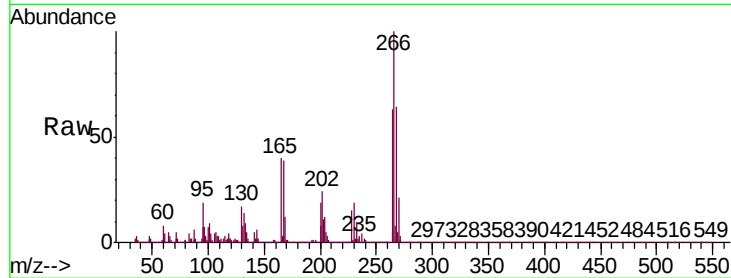




#69
 Pentachlorophenol
 Concen: 56.884 ng/ul
 RT: 16.70 min Scan# 2348
 Delta R.T. -0.00 min
 Lab File: BP001829.D
 Acq: 21 Feb 2020 18:30

Instrument :
 BNA_P
 ClientSampleId :
 DBCY1MSD

Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.2	51.1	76.7
268	64.4	51.5	77.3

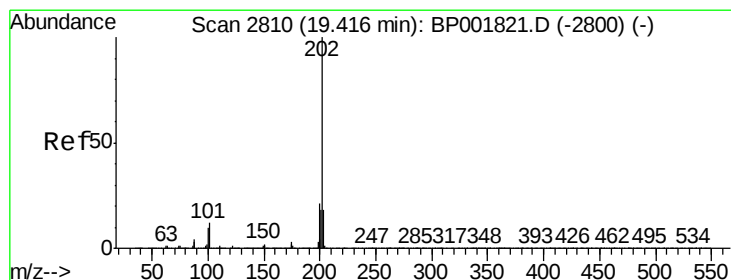
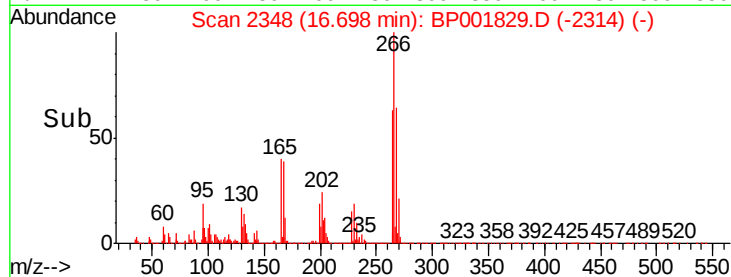
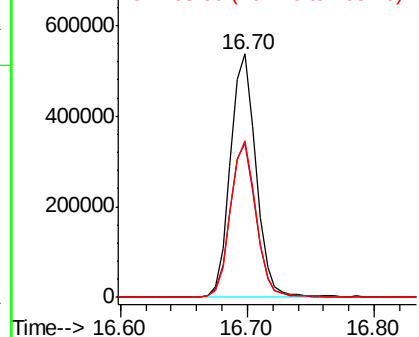


Abundance

Ion 265.70 (265.40 to 266.40): E

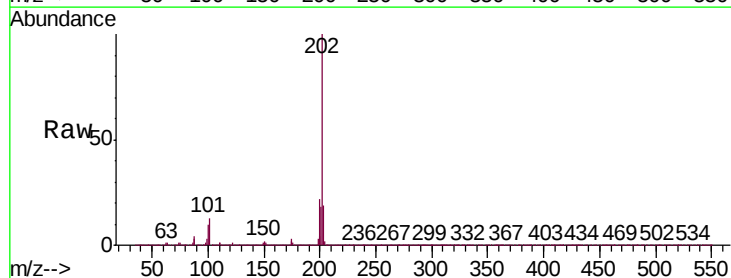
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#80
 Pyrene
 Concen: 40.417 ng/ul
 RT: 19.42 min Scan# 2810
 Delta R.T. -0.00 min
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Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.6	10.2	15.2
100	10.2	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

