

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP102119\
 Data File : BP000934.D
 Acq On : 21 Oct 2019 15:33
 Operator : JU
 Sample : K5321-12MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E0AA6MSD

Quant Time: Oct 21 18:12:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 19 22:14:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	138996	20.00	ng/ul	0.00
18) Naphthalene-d8	8.02	136	523447	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.79	164	302414	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.29	188	587841	20.00	ng/ul	0.00
78) Chrysene-d12	13.96	240	560358	20.00	ng/ul	0.00
86) Perylene-d12	15.43	264	629671	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.34	96	12509	3.73	ng/uL	0.00
5) Phenol-d5	6.38	99	55612	5.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.42	67	111133	20.73	ng/ul	0.00
9) 2-Chlorophenol-d4	6.51	132	169550	18.77	ng/ul	0.00
13) 4-Methylphenol-d8	7.13	113	128720	15.71	ng/ul	0.00
19) Nitrobenzene-d5	7.30	128	97424	24.48	ng/ul	0.00
22) 2-Nitrophenol-d4	7.63	143	106954	25.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	7.87	165	181399	22.37	ng/ul	0.00
29) 4-Chloroaniline-d4	8.09	131	37698	4.18	ng/ul	0.00
44) Dimethylphthalate-d6	9.48	166	563182	26.60	ng/ul	0.00
47) Acenaphthylene-d8	9.63	160	648228	24.89	ng/ul	0.00
52) 4-Nitrophenol-d4	9.91	143	16898	5.18	ng/ul	0.00
58) Fluorene-d10	10.31	176	471901	26.05	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.39	200	66112	23.62	ng/ul	0.00
71) Anthracene-d10	11.34	188	763131	28.03	ng/ul	0.00
79) Pyrene-d10	12.73	212	846244	26.71	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.35	264	912936	29.37	ng/ul	0.00

Target Compounds

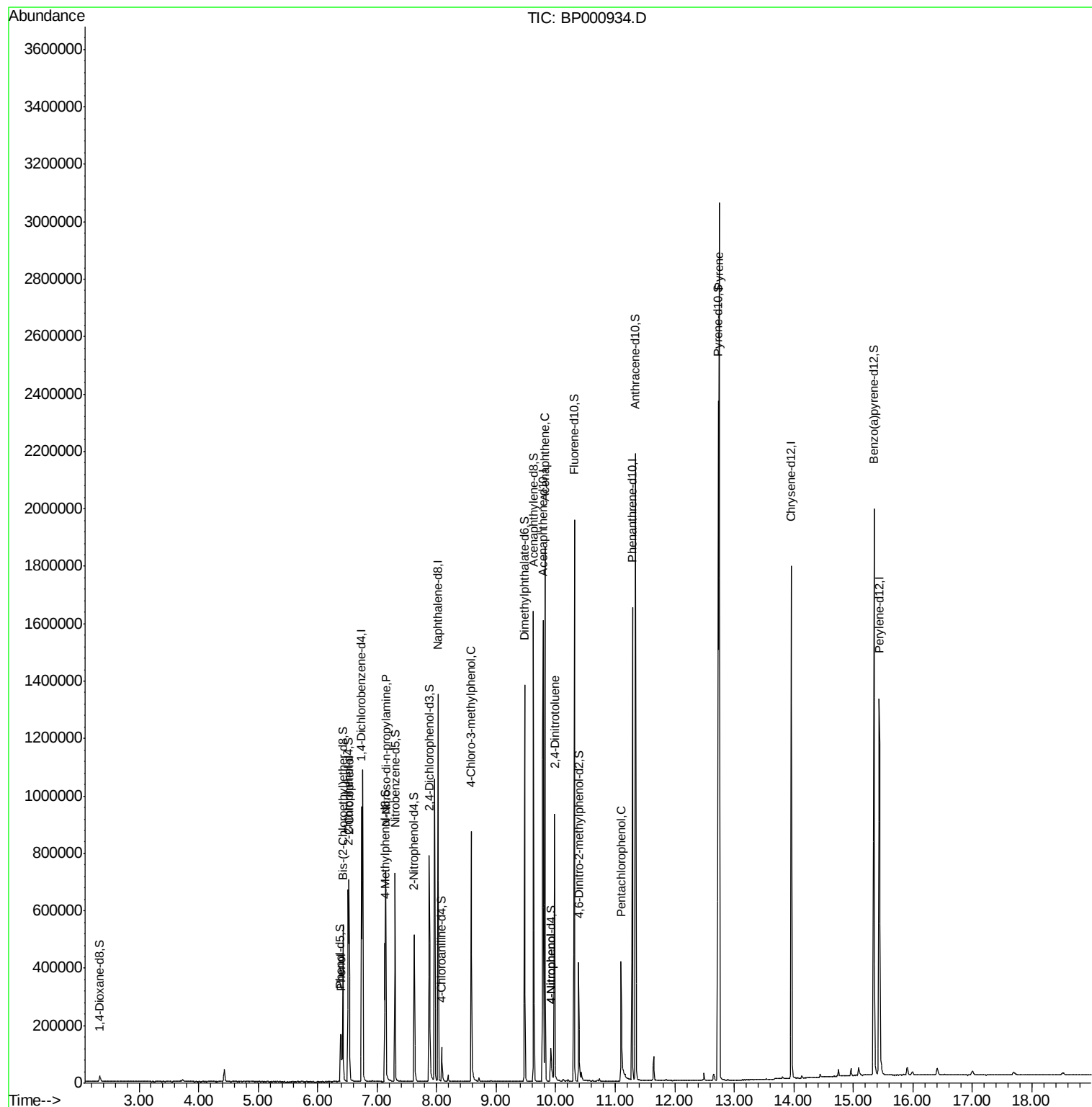
					Ovalue
6) Phenol	6.40	94	66213	6.126	ng/ul 98
10) 2-Chlorophenol	6.53	128	180590	19.190	ng/ul 99
15) N-Nitroso-di-n-propylamine	7.15	70	129491	23.769	ng/ul 99
33) 4-Chloro-3-methylphenol	8.58	107	177565	22.474	ng/ul 99
50) Acenaphthene	9.82	153	470529	25.297	ng/ul 99
53) 4-Nitrophenol	9.92	109	13599	6.108	ng/ul 92
55) 2,4-Dinitrotoluene	9.98	165	173453	30.010	ng/ul 95
69) Pentachlorophenol	11.10	266	69758	24.593	ng/ul 96
80) Pvrene	12.75	202	1100867	27.690	ng/ul 99

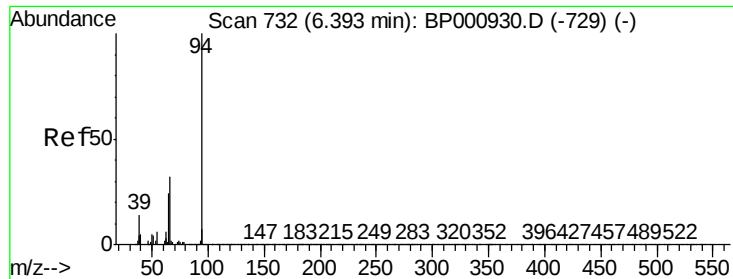
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 6.126 ng/ul

RT: 6.40 min Scan# 733

Delta R.T. -0.00 min

Lab File: BP000934.D

Acq: 21 Oct 2019 15:33

Instrument :

BNA_P

ClientSampleId :

E0AA6MSD

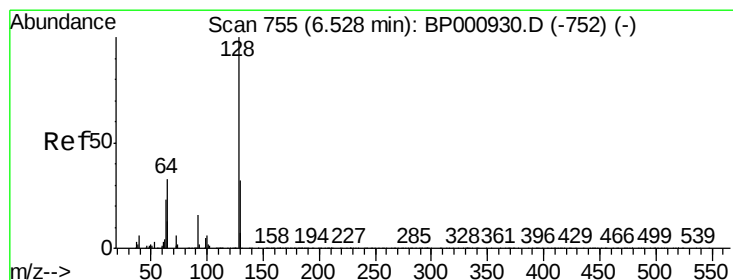
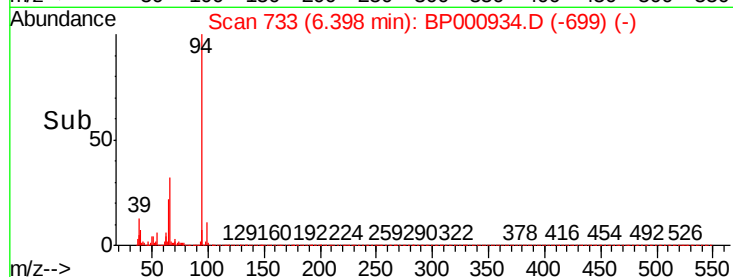
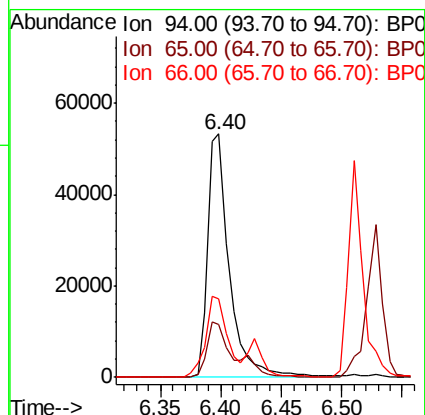
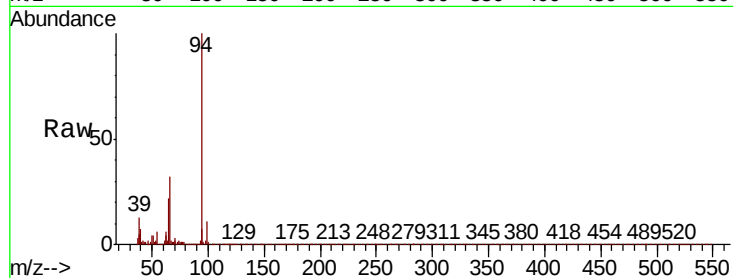
Tot Ion: 94 Resp: 66213

Ion Ratio Lower Upper

94 100

65 21.7 19.2 28.8

66 32.2 25.7 38.5



#10

2-Chlorophenol

Concen: 19.190 ng/ul

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BP000934.D

Acq: 21 Oct 2019 15:33

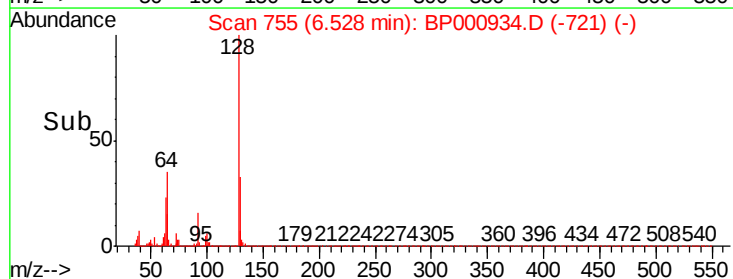
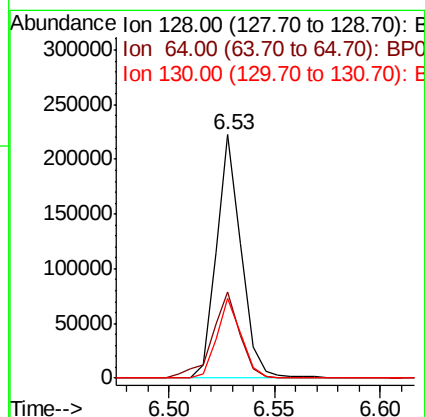
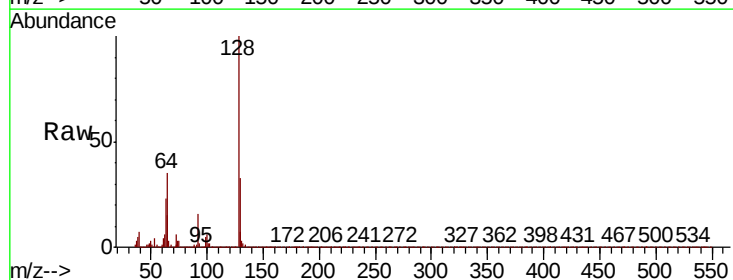
Tgt Ion: 128 Resp: 180590

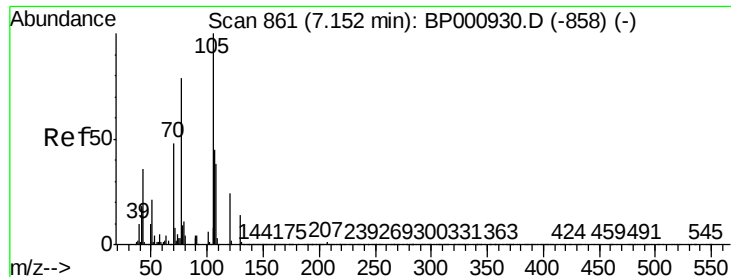
Ion Ratio Lower Upper

128 100

64 35.4 29.3 43.9

130 32.6 26.0 39.0





#15

N-Nitroso-di-n-propylamine

Concen: 23.769 ng/ul

RT: 7.15 min Scan# 860

Delta R.T. -0.01 min

Lab File: BP000934.D

Acq: 21 Oct 2019 15:33

Instrument :

BNA_P

ClientSampleId :

E0AA6MSD

Tot Ion: 70 Resp: 129491

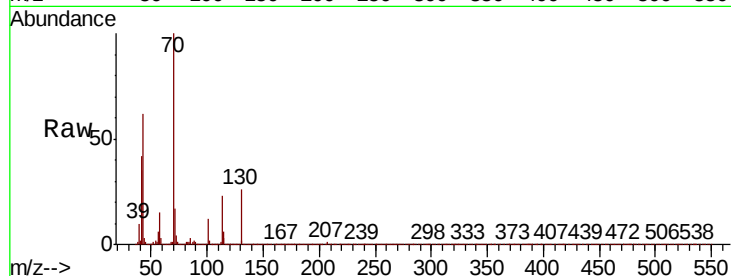
Ion	Ratio	Lower	Upper
70	100		
42	41.7	33.5	50.3
101	11.7	9.6	14.4
130	26.0	21.8	32.8

70 100

42 41.7 33.5 50.3

101 11.7 9.6 14.4

130 26.0 21.8 32.8



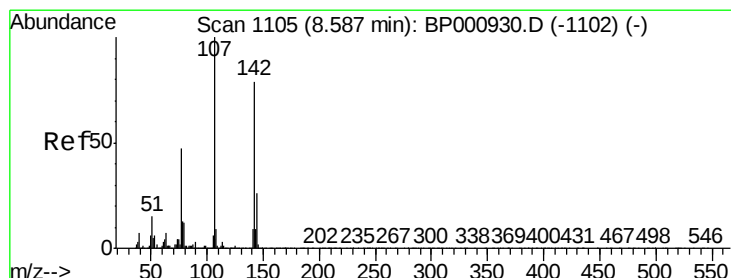
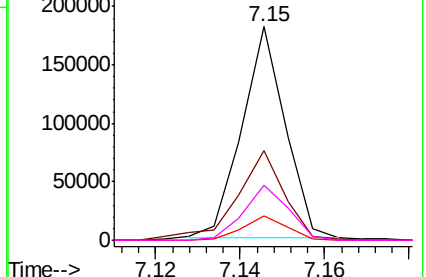
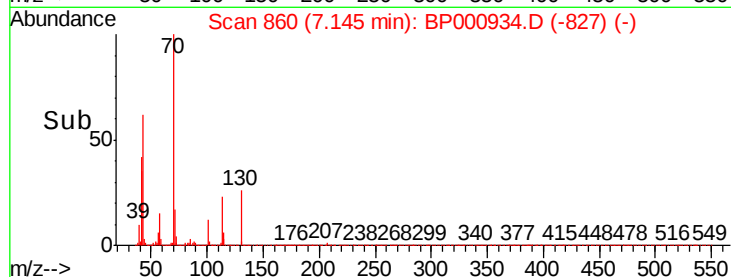
Abundance Ion 70.00 (69.70 to 70.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

Time-->



#33

4-Chloro-3-methylphenol

Concen: 22.474 ng/ul

RT: 8.58 min Scan# 1104

Delta R.T. -0.01 min

Lab File: BP000934.D

Acq: 21 Oct 2019 15:33

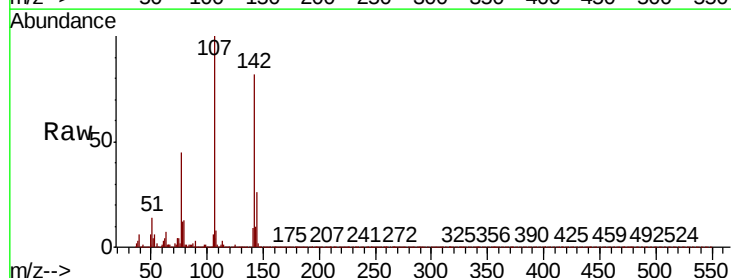
Tgt Ion:107 Resp: 177565

Ion	Ratio	Lower	Upper
107	100		
144	25.9	20.6	30.8
142	81.9	64.6	96.8

107 100

144 25.9 20.6 30.8

142 81.9 64.6 96.8

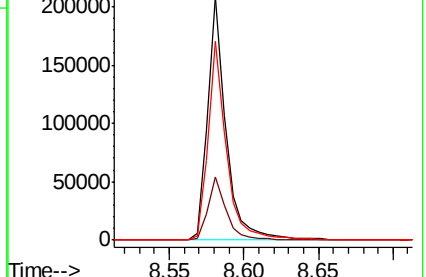
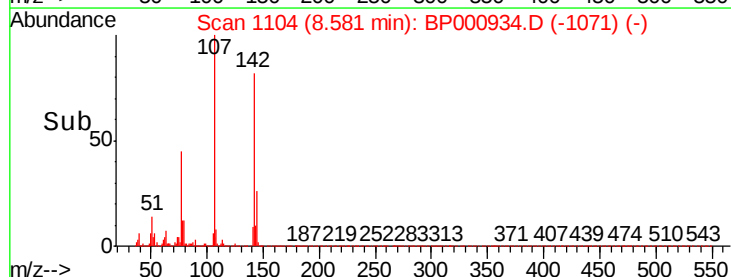


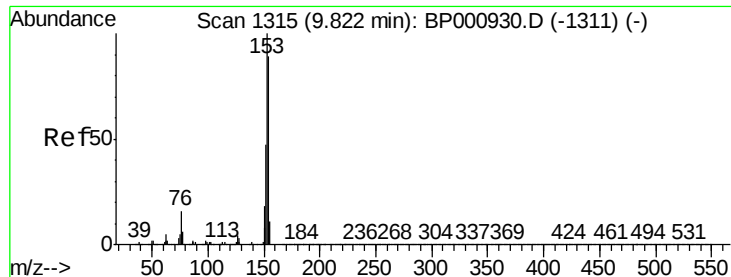
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

Time-->





#50

Acenaphthene

Concen: 25.297 ng/ul

RT: 9.82 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BP000934.D

Acq: 21 Oct 2019 15:33

Instrument :

BNA_P

ClientSampleId :

E0AA6MSD

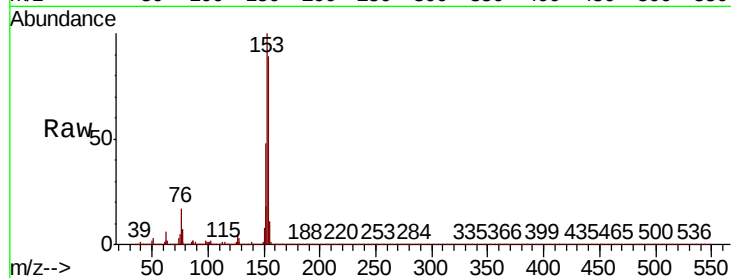
Tot Ion:153 Resp: 470529

Ion Ratio Lower Upper

153 100

152 47.9 38.6 57.8

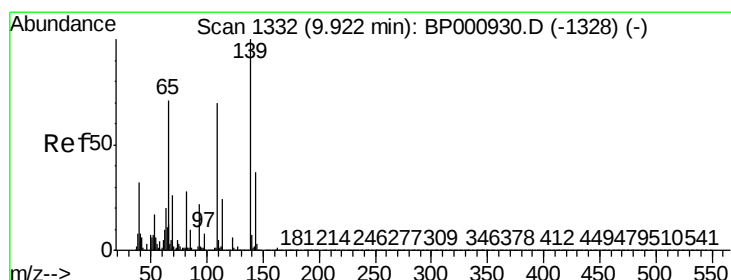
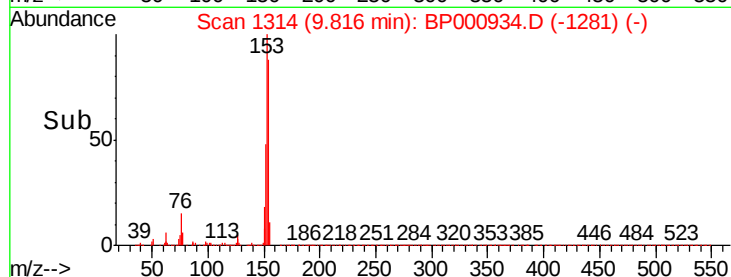
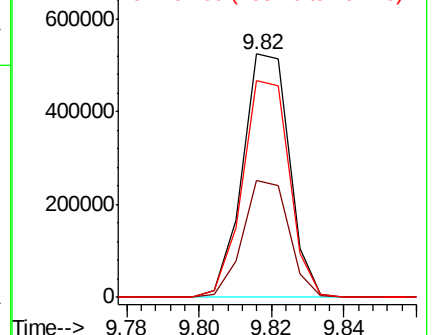
154 88.8 71.9 107.9



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#53

4-Nitrophenol

Concen: 6.108 ng/ul

RT: 9.92 min Scan# 1332

Delta R.T. -0.00 min

Lab File: BP000934.D

Acq: 21 Oct 2019 15:33

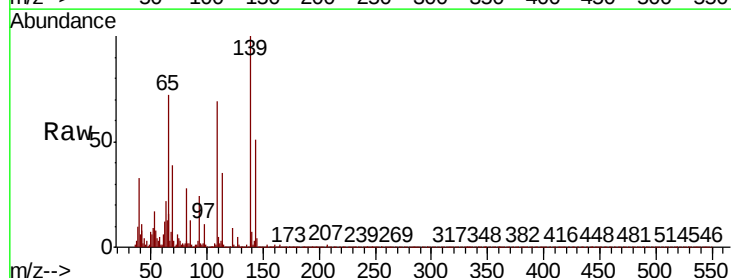
Tgt Ion:109 Resp: 13599

Ion Ratio Lower Upper

109 100

139 144.9 115.1 172.7

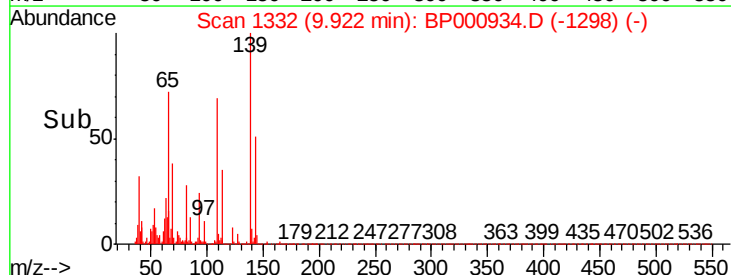
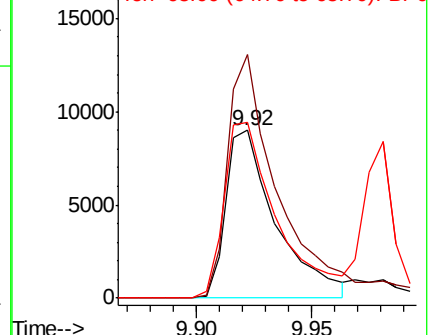
65 105.0 97.9 146.9

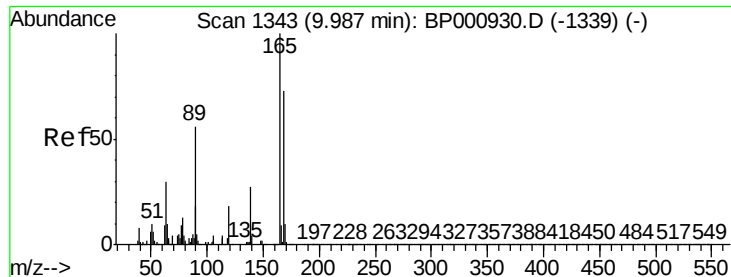


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BPO

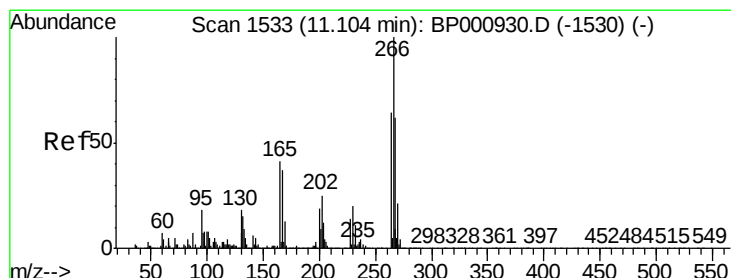
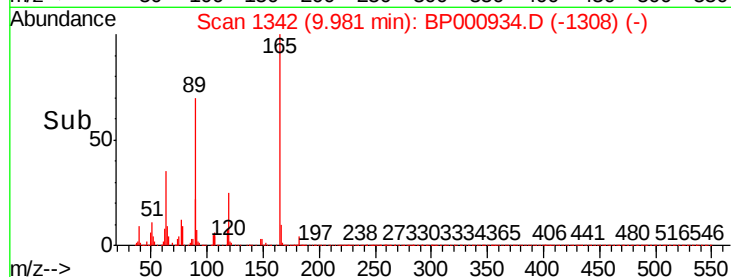
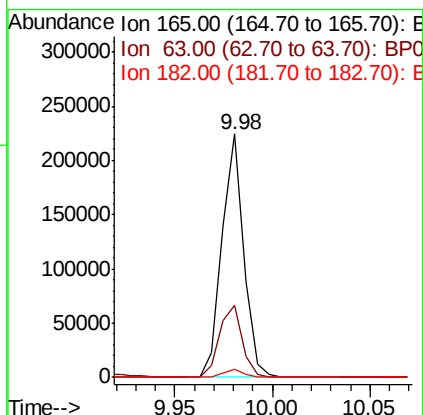
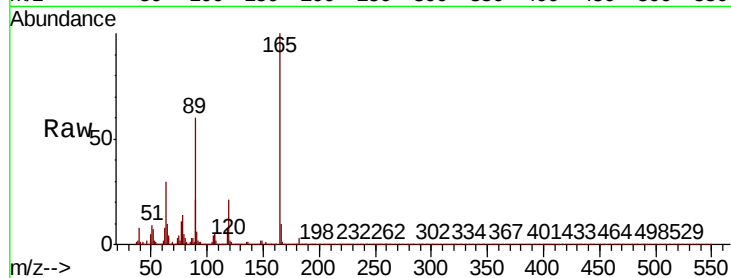




#55
2,4-Dinitrotoluene
Concen: 30.010 ng/ul
RT: 9.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BP000934.D
Acq: 21 Oct 2019 15:33

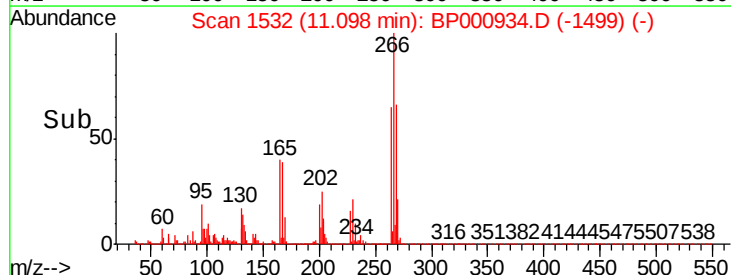
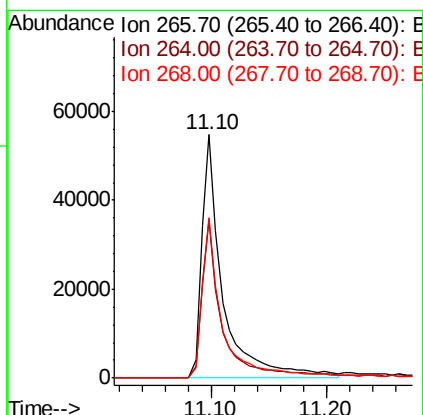
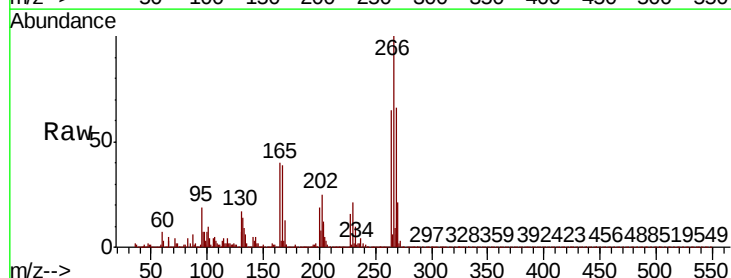
Instrument :
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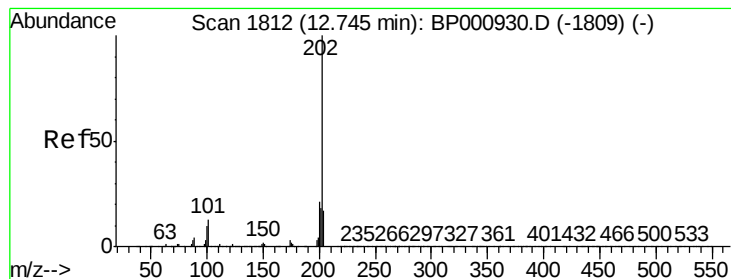
Tot Ion:165 Resp: 173453
Ion Ratio Lower Upper
165 100
63 29.7 26.4 39.6
182 3.2 2.3 3.5



#69
Pentachlorophenol
Concen: 24.593 ng/ul
RT: 11.10 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BP000934.D
Acq: 21 Oct 2019 15:33

Tgt Ion:266 Resp: 69758
Ion Ratio Lower Upper
266 100
264 64.7 49.6 74.4
268 66.1 49.6 74.4

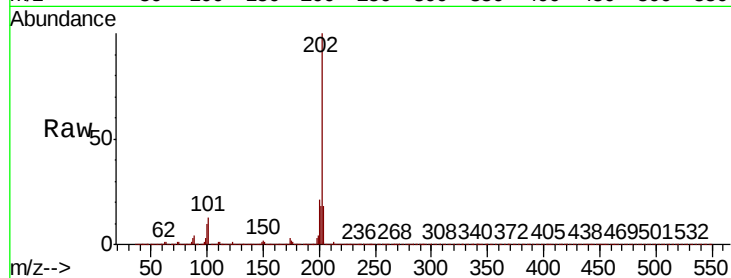




#80
 Pvrene
 Concen: 27.690 ng/ul
 RT: 12.75 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: BP000934.D
 Acq: 21 Oct 2019 15:33

Instrument :
 BNA_P
 ClientSampleId :
 E0AA6MSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.7	14.5
100	10.3	7.8	11.8



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): BF

