

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP021721\
 Data File : BP004784.D
 Acq On : 17 Feb 2021 21:23
 Operator : CG/JU
 Sample : M1379-20MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBH16MS

Quant Time: Feb 17 23:29:44 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP020821MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 17 23:17:49 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	44767	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	166153	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.41	164	96229	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.17	188	201719	20.00	ng/ul	0.00
78) Chrysene-d12	21.25	240	222262	20.00	ng/ul	0.00
86) Perylene-d12	23.56	264	233859	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	5989	5.17	ng/uL	0.00
5) Phenol-d5	6.94	99	98197	27.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	55568	29.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	85743	31.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	72710	25.72	ng/ul	0.01
19) Nitrobenzene-d5	8.92	128	39473	34.41	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	45520	36.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.18	165	77539	30.60	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	93078	32.90	ng/ul	0.00
44) Dimethylphthalate-d6	13.82	166	227636	32.59	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	288296	33.93	ng/ul	0.00
52) 4-Nitrophenol-d4	14.63	143	35584	29.15	ng/ul	0.02
58) Fluorene-d10	15.41	176	196179	32.77	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.53	200	36826	30.20	ng/ul	0.00
71) Anthracene-d10	17.26	188	303916	34.16	ng/ul	0.00
79) Pyrene-d10	19.50	212	355849	34.20	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.41	264	399922	33.80	ng/ul	0.00

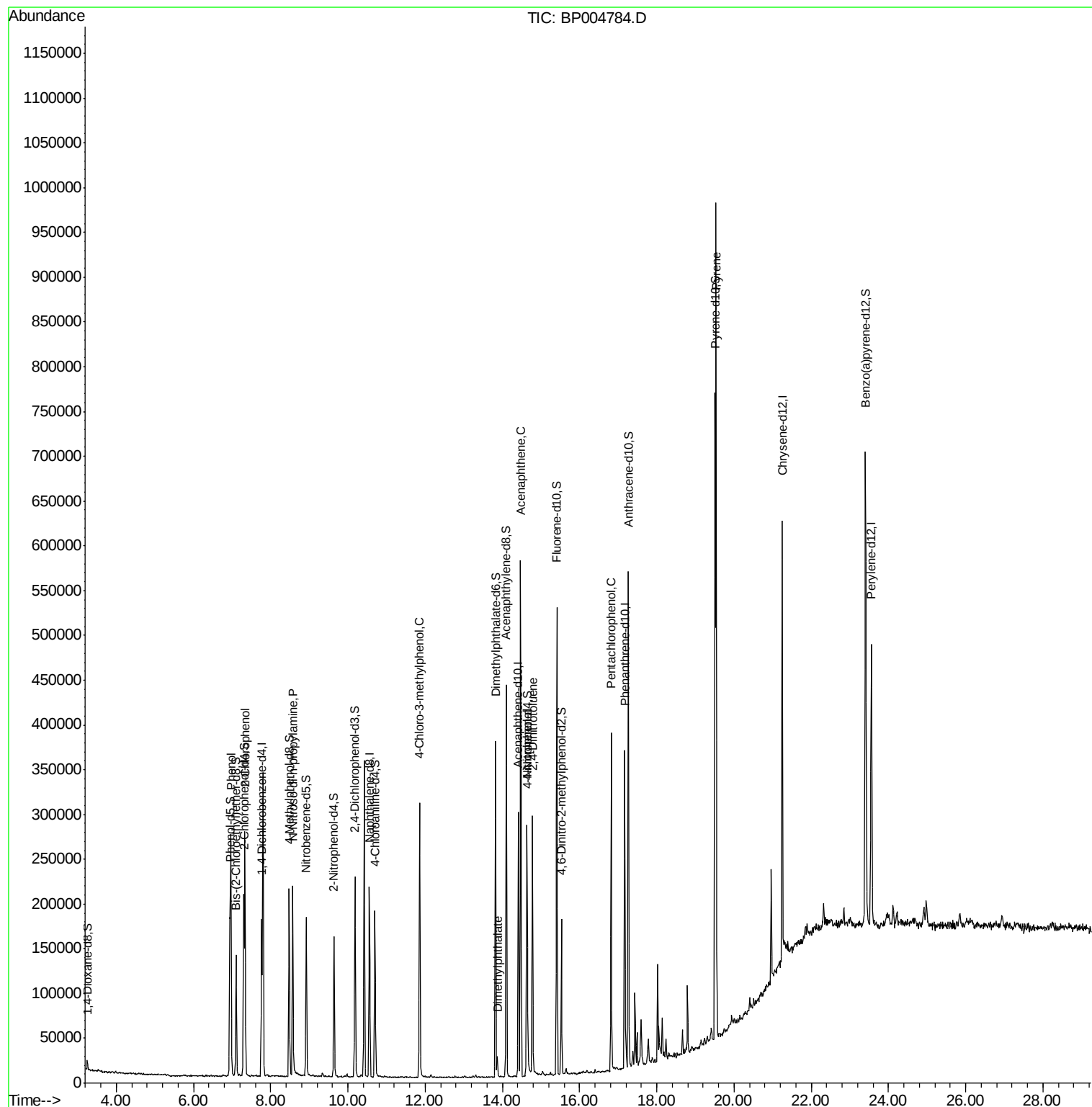
Target Compounds				Ovalue		
6) Phenol	6.97	94	136167	36.348	ng/ul	95
10) 2-Chlorophenol	7.33	128	109385	38.175	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.57	70	76603	34.783	ng/ul	95
33) 4-Chloro-3-methylphenol	11.86	107	102688	34.724	ng/ul	96
45) Dimethylphthalate	13.87	163	12123	1.683	ng/ul#	95
50) Acenaphthene	14.47	153	226377	37.994	ng/ul	99
53) 4-Nitrophenol	14.64	109	47601	34.595	ng/ul	89
55) 2,4-Dinitrotoluene	14.78	165	79518	39.910	ng/ul	99
69) Pentachlorophenol	16.82	266	60687	41.840	ng/ul	97
80) Pyrene	19.53	202	517898	38.365	ng/ul	98

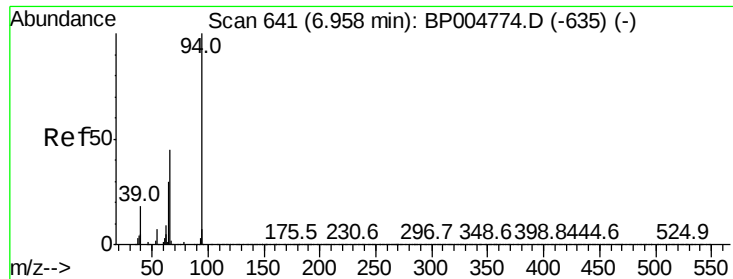
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 36.348 ng/ul

RT: 6.97 min Scan# 643

Delta R.T. 0.01 min

Lab File: BP004784.D

Acq: 17 Feb 2021 21:23

Instrument :

BNA_P

ClientSampleId :

DBH16MS

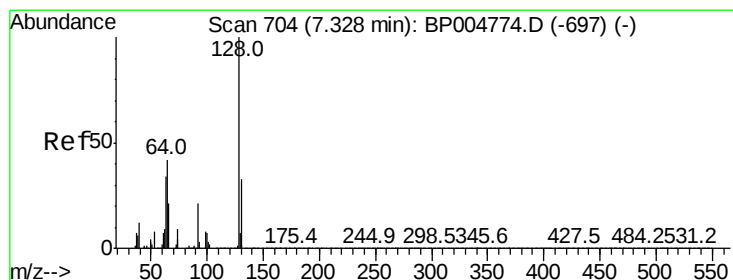
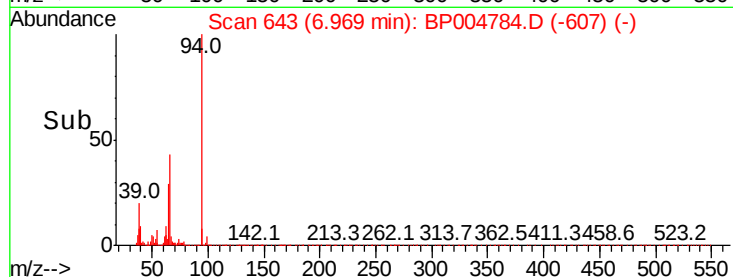
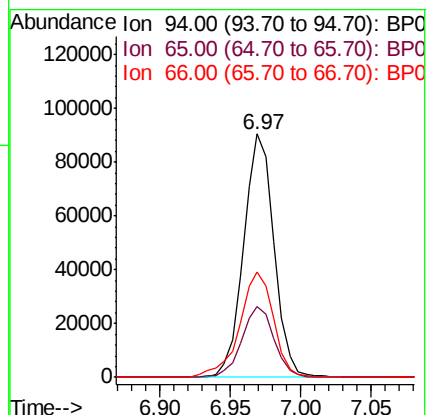
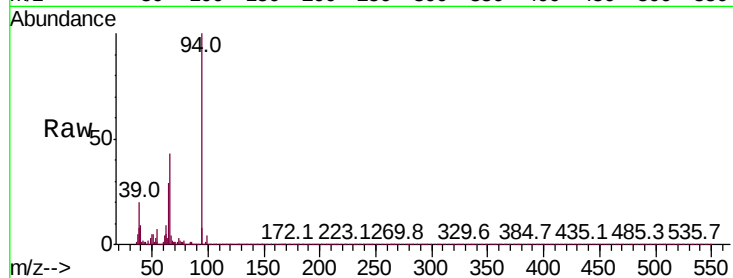
Tot Ion: 94 Resp: 136167

Ion Ratio Lower Upper

94 100

65 29.2 24.8 37.2

66 43.4 38.1 57.1



#10

2-Chlorophenol

Concen: 38.175 ng/ul

RT: 7.33 min Scan# 705

Delta R.T. -0.00 min

Lab File: BP004784.D

Acq: 17 Feb 2021 21:23

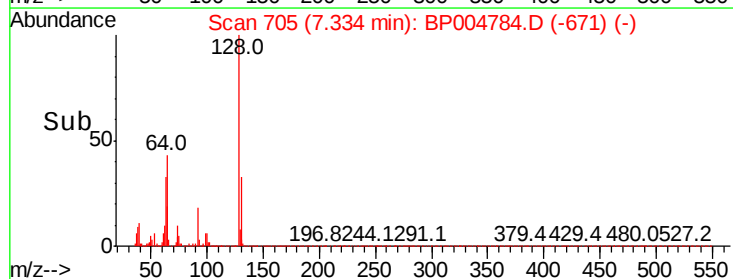
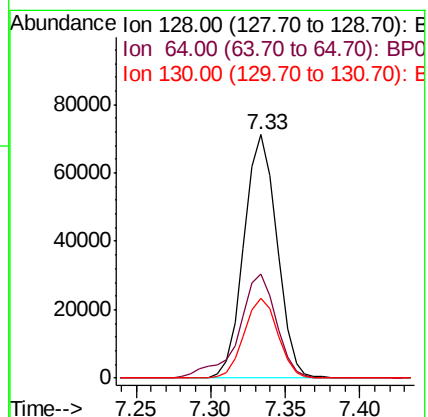
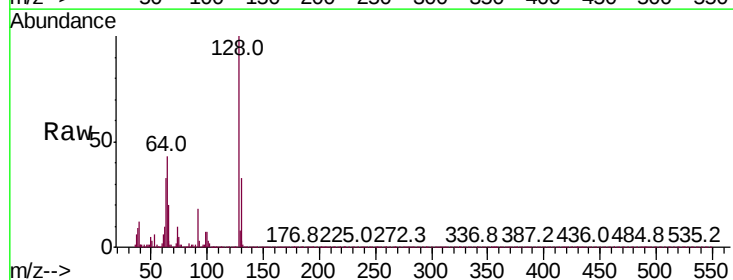
Tgt Ion:128 Resp: 109385

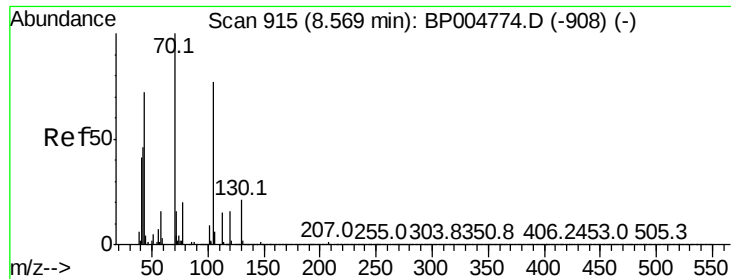
Ion Ratio Lower Upper

128 100

64 42.8 35.8 53.8

130 32.9 27.0 40.6





#15

N-Nitroso-di-n-propylamine

Concen: 34.783 ng/ul

RT: 8.57 min Scan# 915

Delta R.T. -0.01 min

Lab File: BP004784.D

Acq: 17 Feb 2021 21:23

Instrument :

BNA_P

ClientSampleId :

DBH16MS

Tot Ion: 70 Resp: 76603

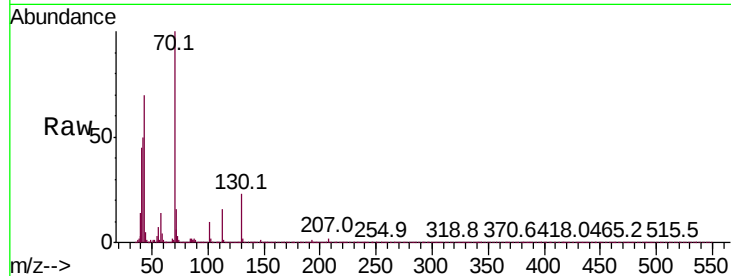
Ion Ratio Lower Upper

70 100

42 50.5 37.6 56.4

101 9.5 8.5 12.7

130 23.3 15.9 23.9

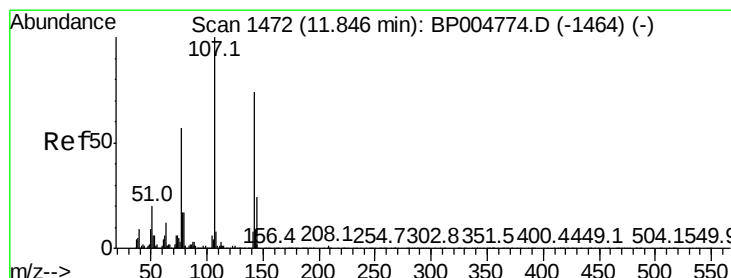
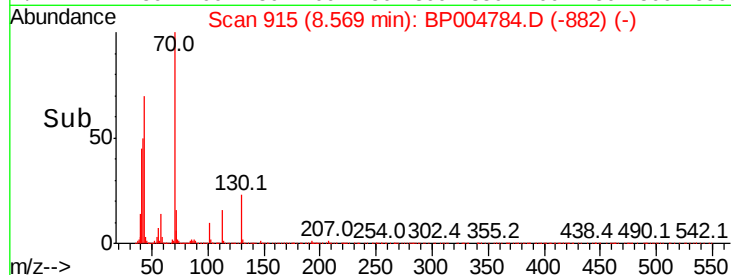
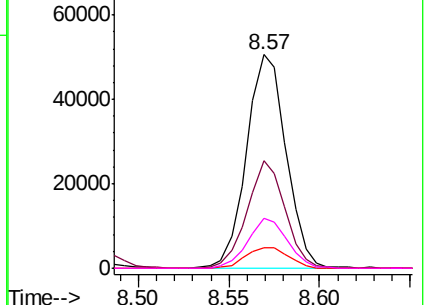


Abundance Ion 70.00 (69.70 to 70.70): BP004774.D (-908) (-)

Ion 42.00 (41.70 to 42.70): BP004774.D (-908) (-)

Ion 101.00 (100.70 to 101.70): BP004774.D (-908) (-)

Ion 130.00 (129.70 to 130.70): BP004774.D (-908) (-)



#33

4-Chloro-3-methylphenol

Concen: 34.724 ng/ul

RT: 11.86 min Scan# 1474

Delta R.T. 0.01 min

Lab File: BP004784.D

Acq: 17 Feb 2021 21:23

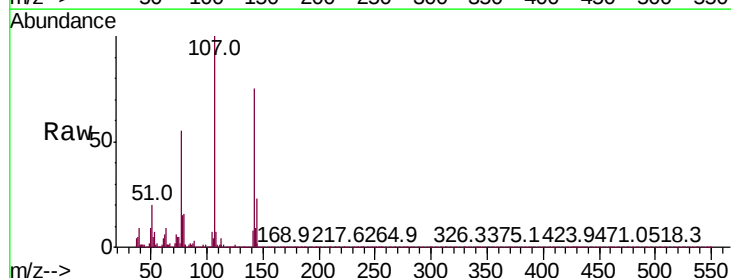
Tgt Ion: 107 Resp: 102688

Ion Ratio Lower Upper

107 100

144 23.1 19.1 28.7

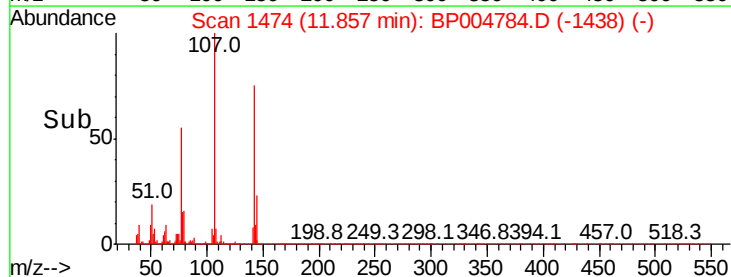
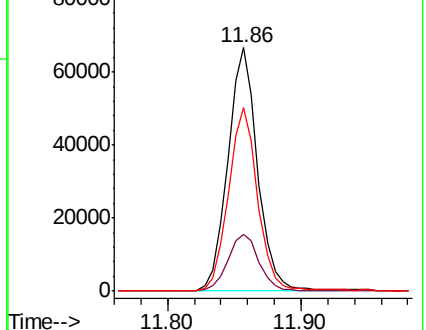
142 75.2 57.0 85.6

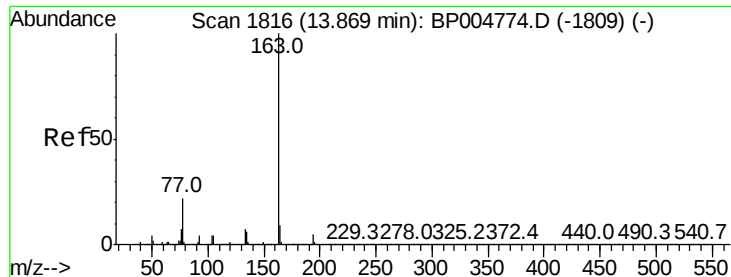


Abundance Ion 107.00 (106.70 to 107.70): BP004774.D (-1464) (-)

Ion 144.00 (143.70 to 144.70): BP004774.D (-1464) (-)

Ion 142.00 (141.70 to 142.70): BP004774.D (-1464) (-)

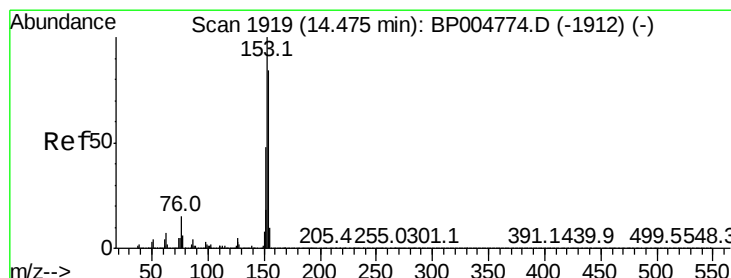
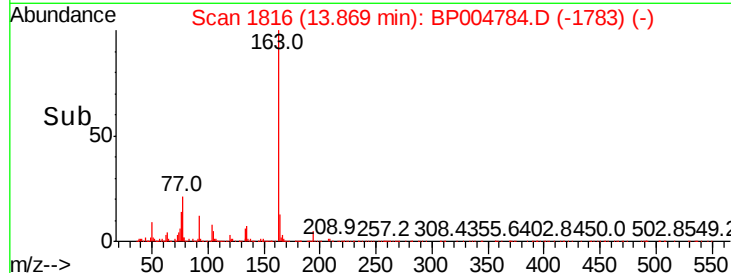
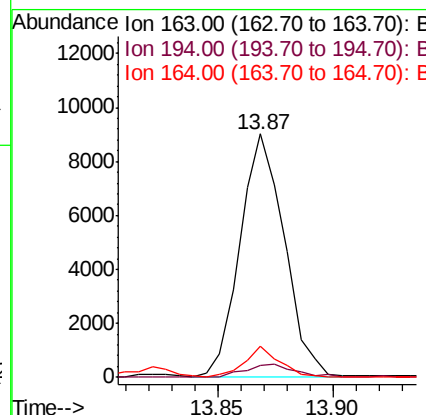
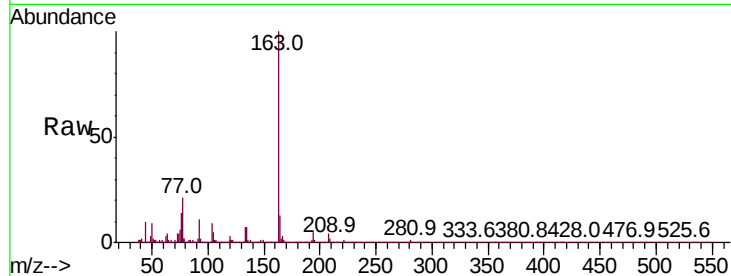




#45
Dimethylphthalate
Concen: 1.683 ng/ul
RT: 13.87 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BP004784.D
Acq: 17 Feb 2021 21:23

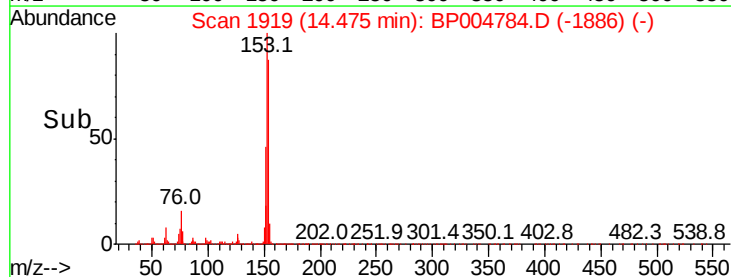
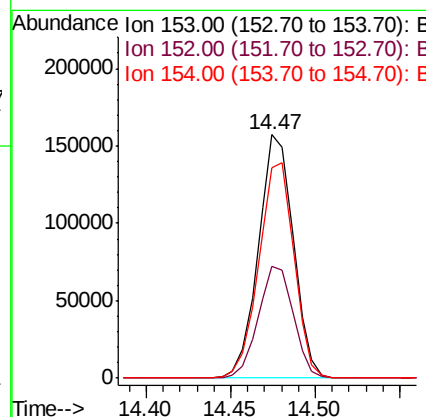
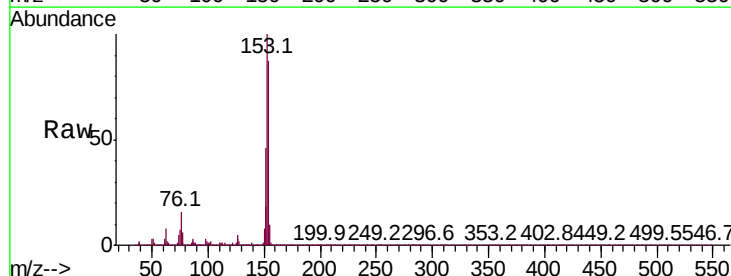
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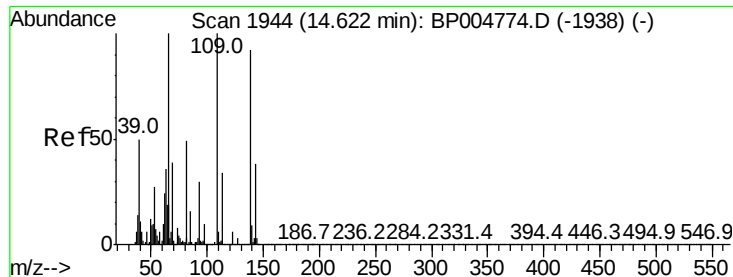
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.8	5.6
164	12.6	8.0	12.0#



#50
Acenaphthene
Concen: 37.994 ng/ul
RT: 14.47 min Scan# 1919
Delta R.T. -0.01 min
Lab File: BP004784.D
Acq: 17 Feb 2021 21:23

Tgt Ion	Ratio	Lower	Upper
153	100		
152	45.9	37.0	55.4
154	86.7	70.1	105.1

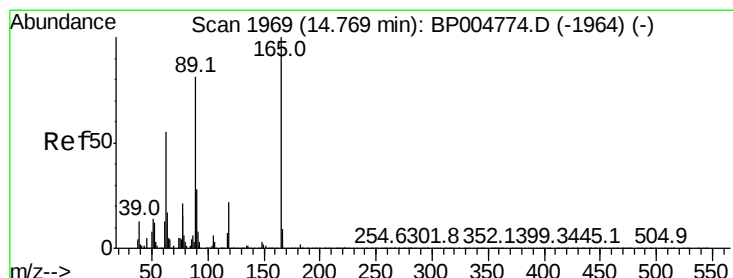
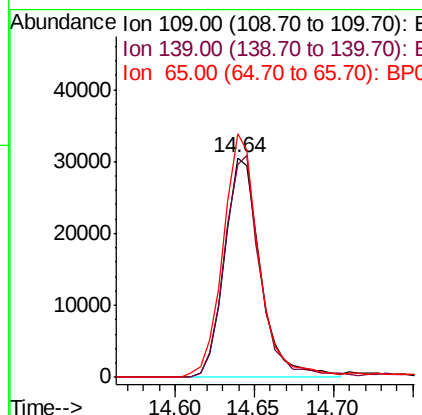
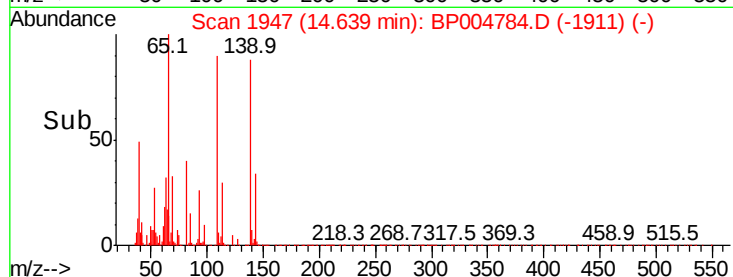
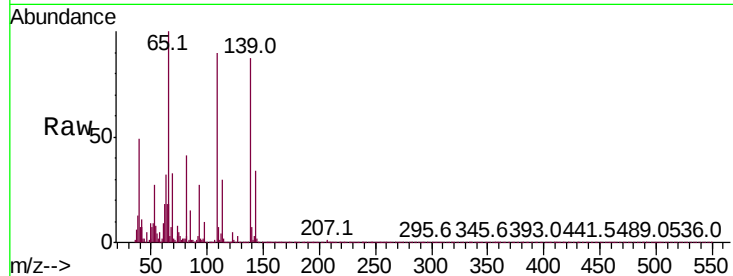




#53
4-Nitrophenol
Concen: 34.595 ng/ul
RT: 14.64 min Scan# 1947
Delta R.T. 0.01 min
Lab File: BP004784.D
Acq: 17 Feb 2021 21:23

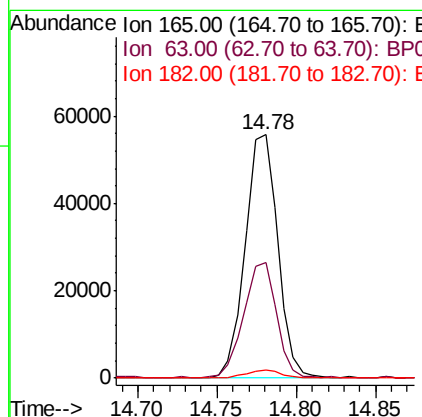
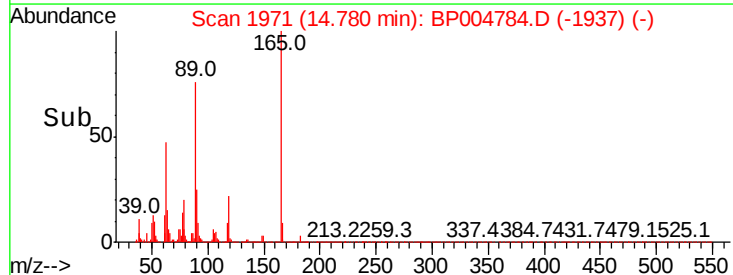
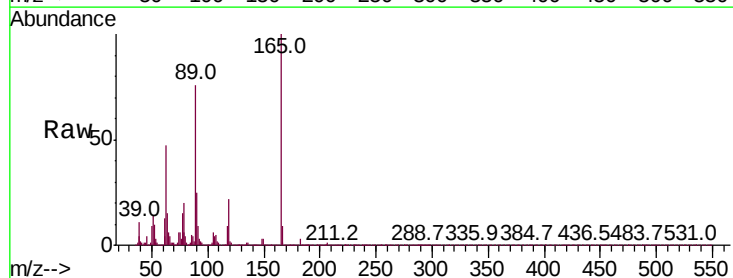
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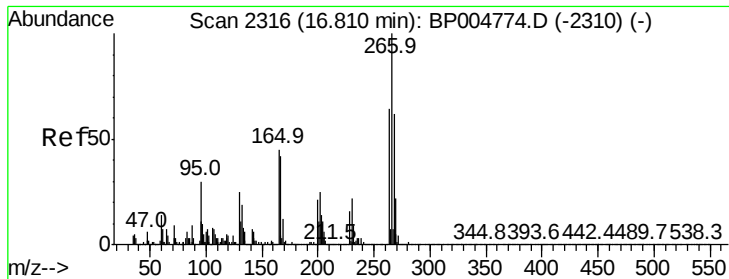
Tot Ion:109 Resp: 47601
Ion Ratio Lower Upper
109 100
139 96.8 68.9 103.3
65 110.8 79.8 119.8



#55
2,4-Dinitrotoluene
Concen: 39.910 ng/ul
RT: 14.78 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BP004784.D
Acq: 17 Feb 2021 21:23

Tgt Ion:165 Resp: 79518
Ion Ratio Lower Upper
165 100
63 47.5 38.2 57.4
182 3.5 2.6 4.0

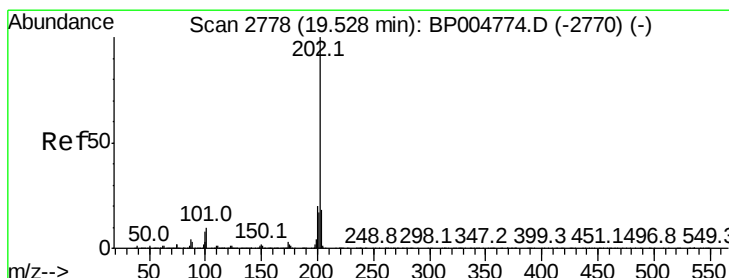
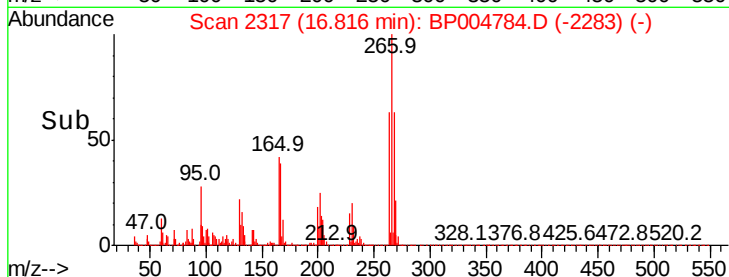
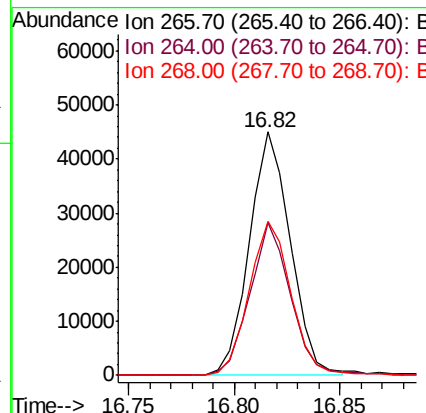
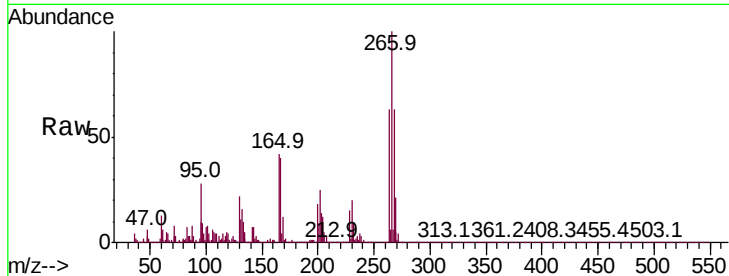




#69
 Pentachlorophenol
 Concen: 41.840 ng/ul
 RT: 16.82 min Scan# 2317
 Delta R.T. -0.00 min
 Lab File: BP004784.D
 Acq: 17 Feb 2021 21:23

Instrument :
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 ClientSampleId :
 DBH16MS

Tot Ion	Ratio	Lower	Upper
266	100		
264	63.0	47.7	71.5
268	63.1	51.4	77.0



#80
 Pyrene
 Concen: 38.365 ng/ul
 RT: 19.53 min Scan# 2779
 Delta R.T. -0.01 min
 Lab File: BP004784.D
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Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.4	8.0	12.0
100	7.8	6.9	10.3

