

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022420\
 Data File : BP001920.D
 Acq On : 26 Feb 2020 10:37
 Operator : CG/JU
 Sample : L1543-10MSD
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBD92MSD

Manual Integrations
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mohammad
 2/28/2020 8:49:24 AM

Quant Time: Feb 27 03:34:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 26 05:53:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	289134	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	1248371	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	823924	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	1954157	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	2084850	20.00	ng/ul	0.00
86) Perylene-d12	23.35	264	2168099	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.17	96	33138	4.76	ng/uL	0.00
5) Phenol-d5	6.83	99	802948	36.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	411881	32.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	682458	38.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	658334	37.99	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	333786	39.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.51	143	379260	49.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	755896	41.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	529354	24.63	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	2450456	42.38	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	2811336	39.49	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	445880	44.29	ng/ul	0.00
58) Fluorene-d10	15.29	176	2139003	41.14	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	294084	38.17	ng/ul	0.00
71) Anthracene-d10	17.14	188	3544876	41.18	ng/ul	0.00
79) Pyrene-d10	19.39	212	4233228	39.57	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.22	264	4626250	44.18	ng/ul	0.01

Target Compounds

					Ovalue
6) Phenol	6.85	94	987914	42.671	ng/ul 98
10) 2-Chlorophenol	7.22	128	771705	41.319	ng/ul 97
15) N-Nitroso-di-n-propylamine	8.45	70	542189	43.672	ng/ul 94
33) 4-Chloro-3-methylphenol	11.72	107	897503	50.536	ng/ul 97
45) Dimethylphthalate	13.75	163	358764	5.895	ng/ul 100
48) Acenaphthylene	14.00	152	109591	1.419	ng/ul 99
50) Acenaphthene	14.35	153	2078491	39.381	ng/ul 99
53) 4-Nitrophenol	14.50	109	381800	51.220	ng/ul 94
55) 2,4-Dinitrotoluene	14.66	165	836819	53.589	ng/ul 90
69) Pentachlorophenol	16.70	266	629818	52.556	ng/ul 98
70) Phenanthrene	17.08	178	134258	1.246	ng/ul 99
72) Anthracene	17.17	178	452491	4.251	ng/ul 99
75) Carbazole	17.45	167	142753	1.608	ng/ul 99
77) Fluoranthene	19.06	202	1924354	16.675	ng/ul 96
80) Pyrene	19.42	202	7157142	50.469	ng/ul 100
83) Benzo(a)anthracene	21.12	228	1333459	9.712	ng/ul 97
84) Bis(2-ethylhexyl)phthalate	21.07	149	165975	2.275	ng/ul 98
85) Chrysene	21.17	228	1957859	14.597	ng/ul 98
88) Benzo(b)fluoranthene	22.69	252	3474730	27.237	ng/ul 98
89) Benzo(k)fluoranthene	22.73	252	1069745m	8.090	ng/ul
91) Benzo(a)pyrene	23.26	252	1148981	9.610	ng/ul 98
92) Indeno(1,2,3-cd)pyrene	25.58	276	946218	6.336	ng/ul 96
93) Dibenzo(a,h)anthracene	25.59	278	225238	1.796	ng/ul# 82

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Benzo(q,h,i)perylene	26.26	276	596562	4.699	ng/ul	98

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

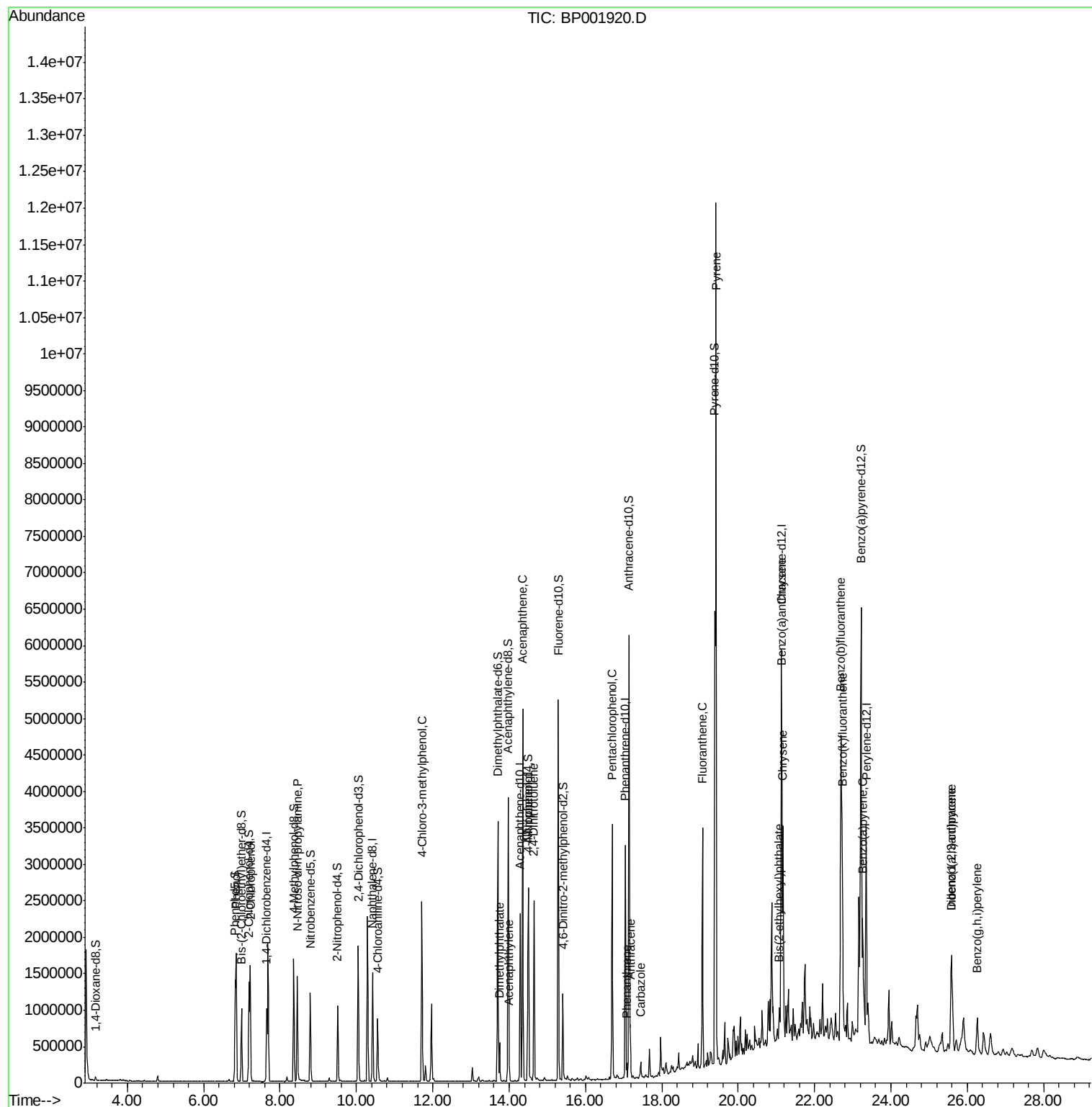
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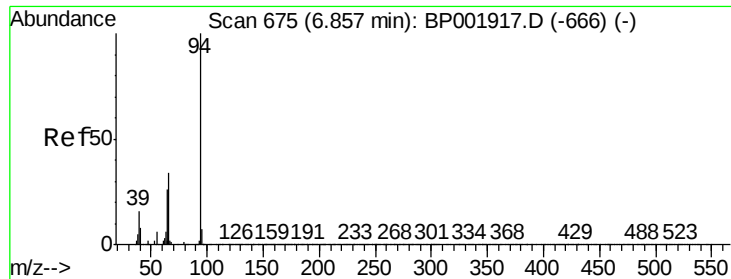
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#6

Phenol

Concen: 42.671 ng/ul

RT: 6.85 min Scan# 674

Delta R.T. 0.00 min

Lab File: BP001920.D

Acq: 26 Feb 2020 10:37

Instrument :

BNA_P

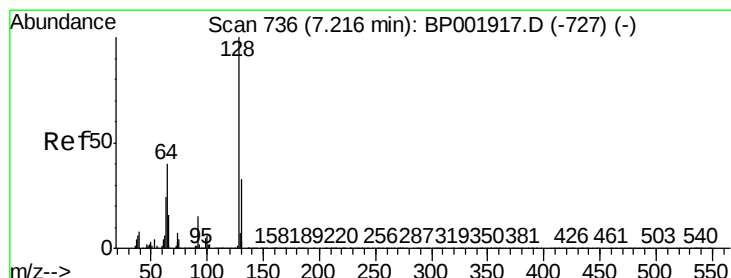
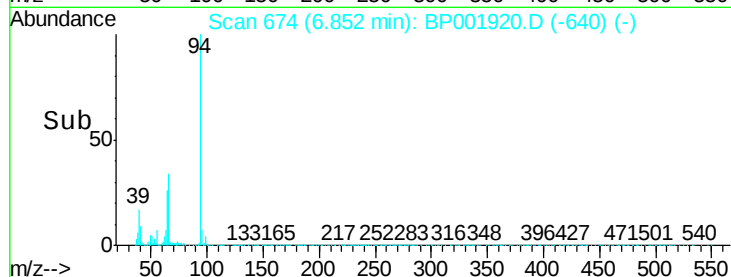
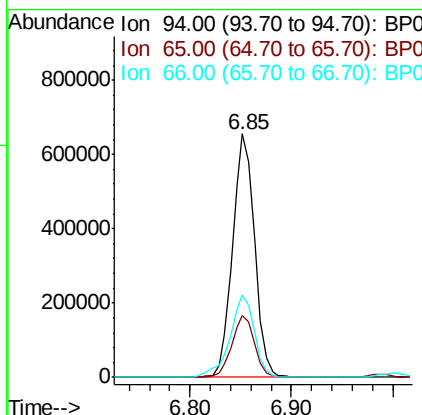
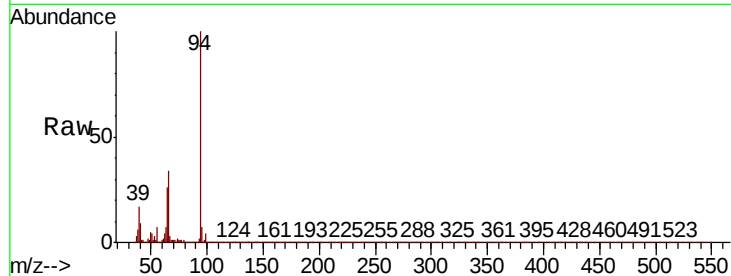
ClientSampleId :

DBD92MSD

Tot Ion:	94	Resp:	987914
Ion	Ratio	Lower	Upper
94	100		
65	25.6	19.8	29.6
66	34.0	26.6	39.8

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#10

2-Chlorophenol

Concen: 41.319 ng/ul

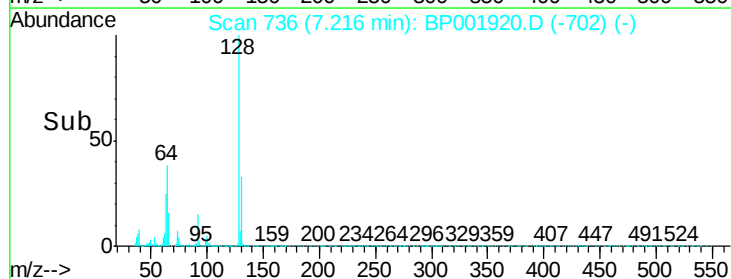
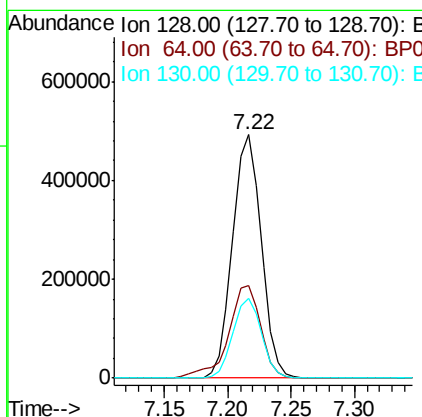
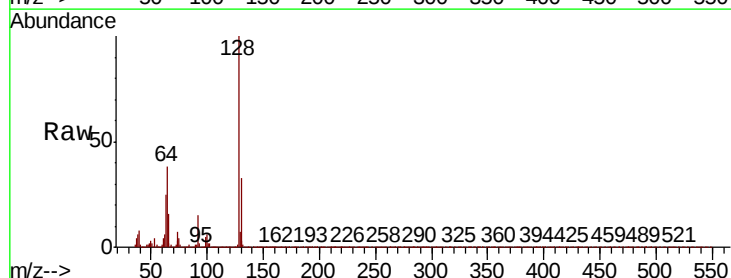
RT: 7.22 min Scan# 736

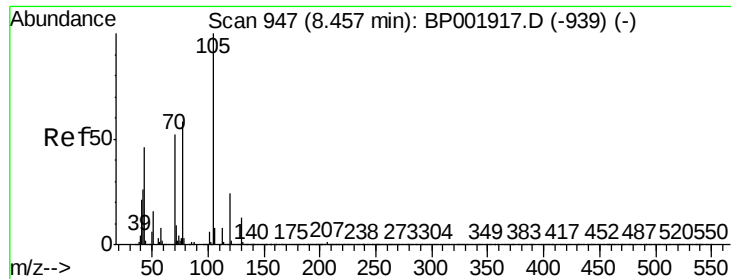
Delta R.T. 0.00 min

Lab File: BP001920.D

Acq: 26 Feb 2020 10:37

Tgt Ion:	128	Resp:	771705
Ion	Ratio	Lower	Upper
128	100		
64	38.0	32.9	49.3
130	32.7	26.4	39.6





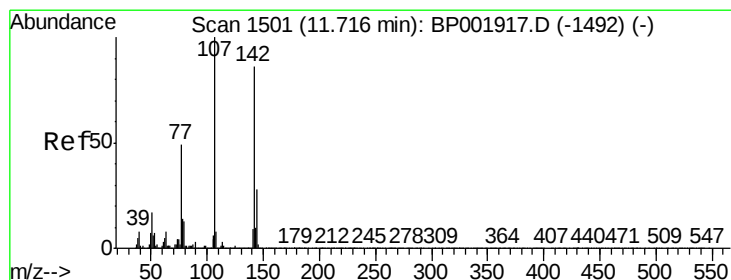
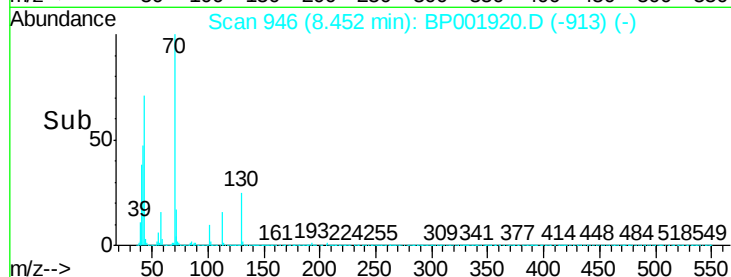
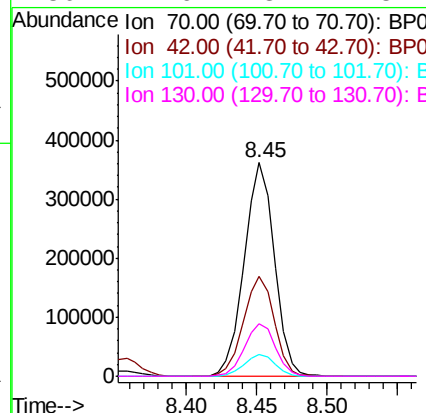
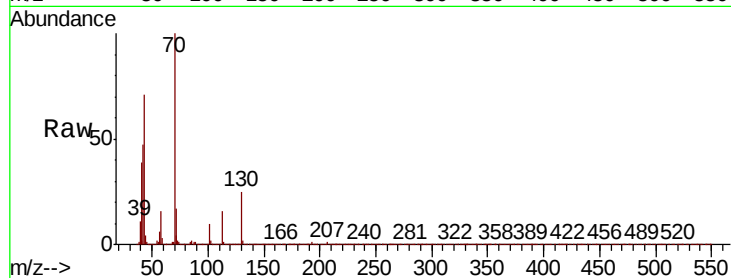
#15
N-Nitroso-di-n-propylamine
Concen: 43.672 ng/ul
RT: 8.45 min Scan# 946
Delta R.T. -0.01 min
Lab File: BP001920.D
Acq: 26 Feb 2020 10:37

Instrument :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		542189		
42	46.7	41.8	62.6		
101	10.5	8.0	12.0		
130	24.6	18.7	28.1		

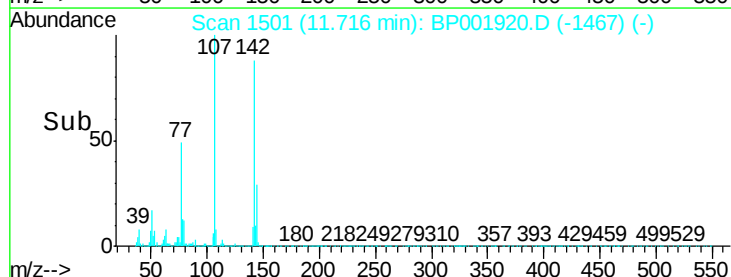
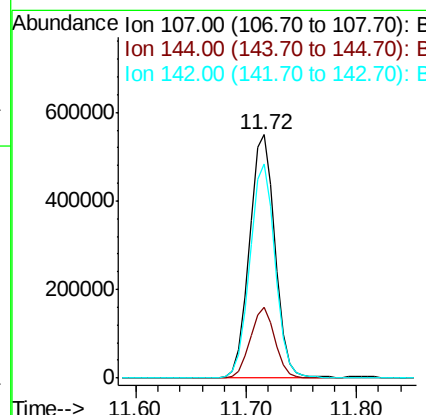
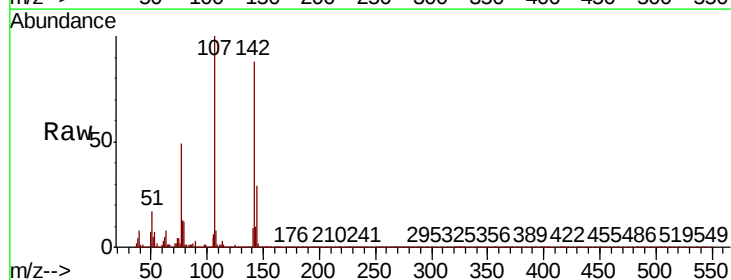
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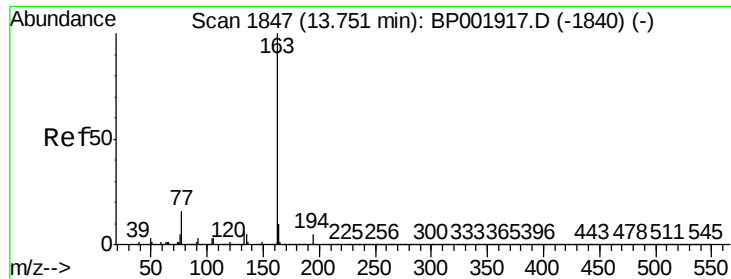
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#33
4-Chloro-3-methylphenol
Concen: 50.536 ng/ul
RT: 11.72 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BP001920.D
Acq: 26 Feb 2020 10:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		897503		
144	28.9	22.3	33.5		
142	87.9	68.2	102.4		





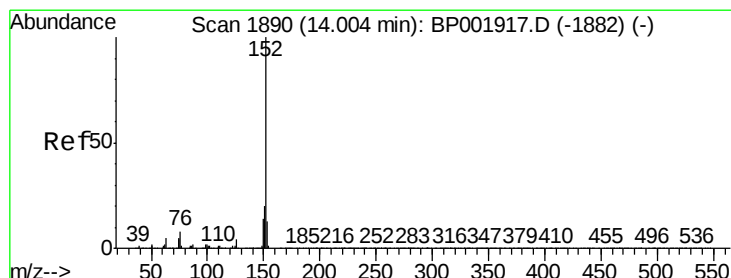
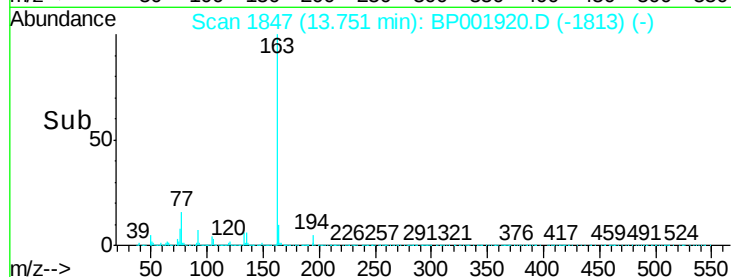
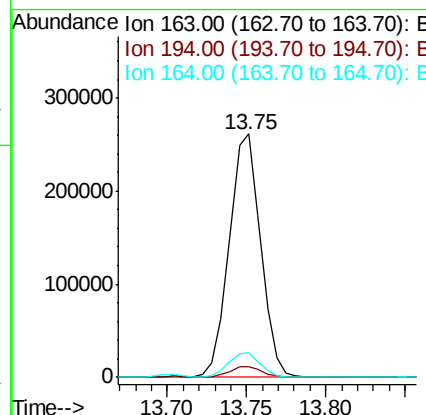
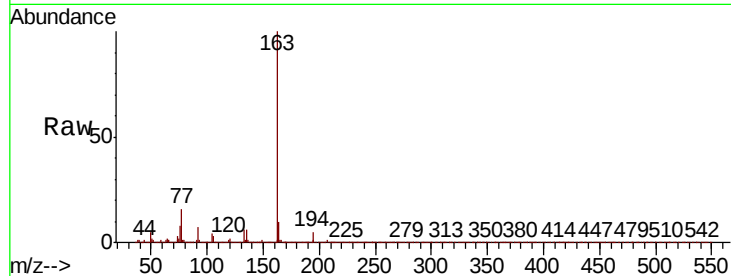
#45
Dimethylphthalate
Concen: 5.895 ng/ul
RT: 13.75 min Scan# 1847
Delta R.T. 0.00 min
Lab File: BP001920.D
Acq: 26 Feb 2020 10:37

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Tot Ion	Ratio	Resp	Lower	Upper
163	100	358764		
194	4.5		3.5	5.3
164	10.1		8.0	12.0

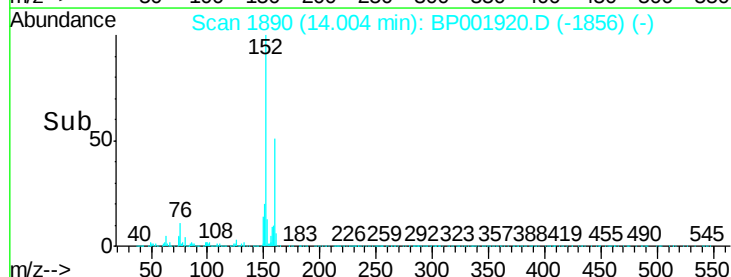
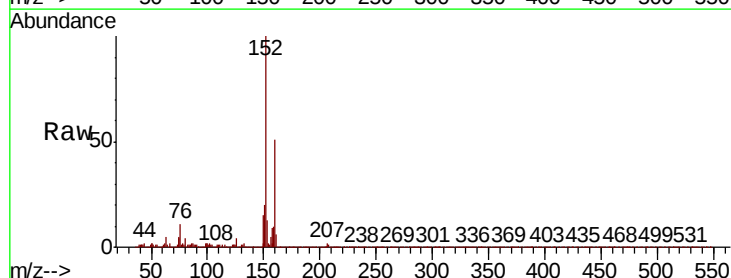
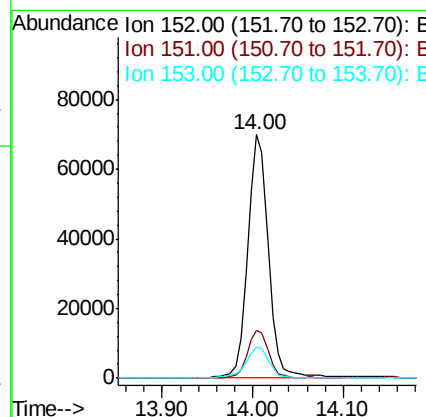
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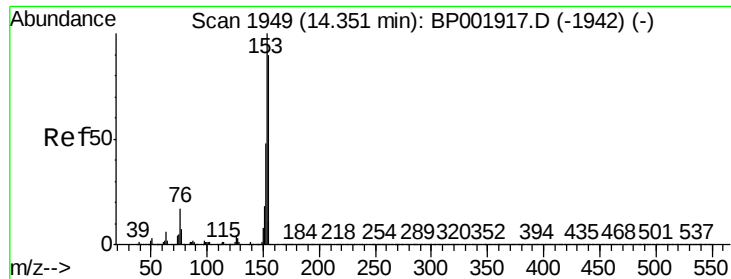
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#48
Acenaphthylene
Concen: 1.419 ng/ul
RT: 14.00 min Scan# 1890
Delta R.T. 0.00 min
Lab File: BP001920.D
Acq: 26 Feb 2020 10:37

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	109591		
151	19.9		15.7	23.5
153	12.9		10.7	16.1





#50

Acenaphthene

Concen: 39.381 ng/ul

RT: 14.35 min Scan# 1949

Delta R.T. 0.00 min

Lab File: BP001920.D

Acq: 26 Feb 2020 10:37

Instrument :

BNA_P

ClientSampleId :

DBD92MSD

Tot Ion:153 Resp: 2078491

Ion Ratio Lower Upper

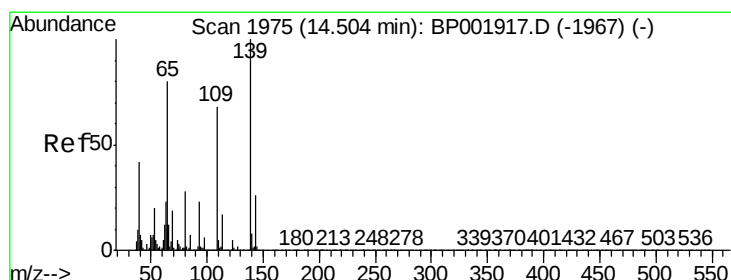
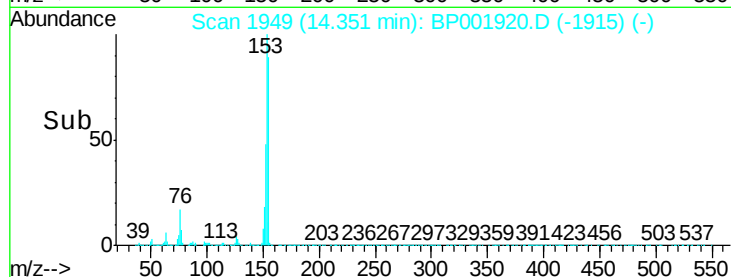
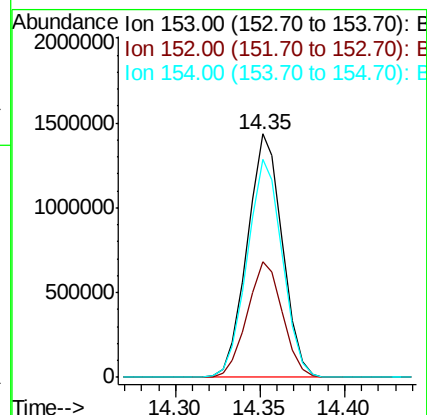
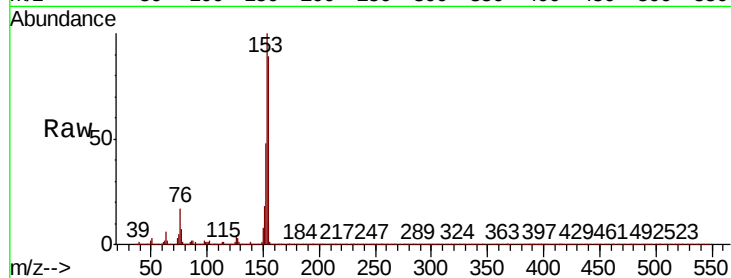
153 100

152 47.7 37.8 56.8

154 89.4 71.9 107.9

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#53

4-Nitrophenol

Concen: 51.220 ng/ul

RT: 14.50 min Scan# 1975

Delta R.T. 0.00 min

Lab File: BP001920.D

Acq: 26 Feb 2020 10:37

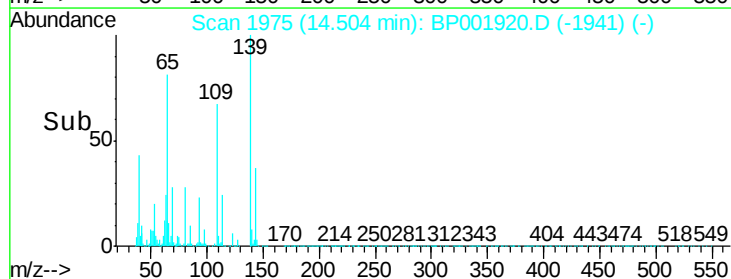
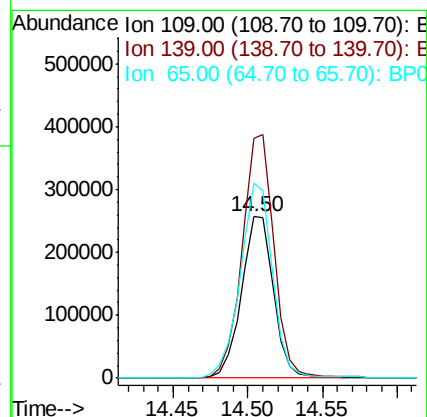
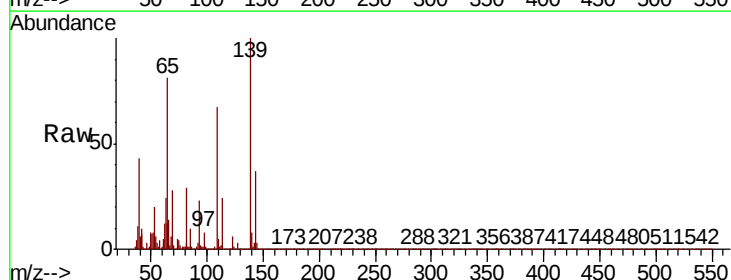
Tgt Ion:109 Resp: 381800

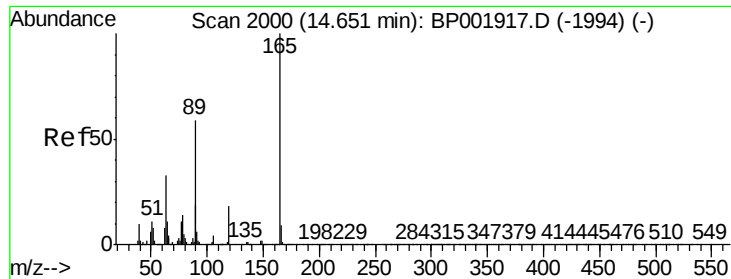
Ion Ratio Lower Upper

109 100

139 148.4 123.1 184.7

65 120.7 105.0 157.6





#55

2,4-Dinitrotoluene

Concen: 53.589 ng/ul

RT: 14.66 min Scan# 2001

Delta R.T. 0.01 min

Lab File: BP001920.D

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Instrument :

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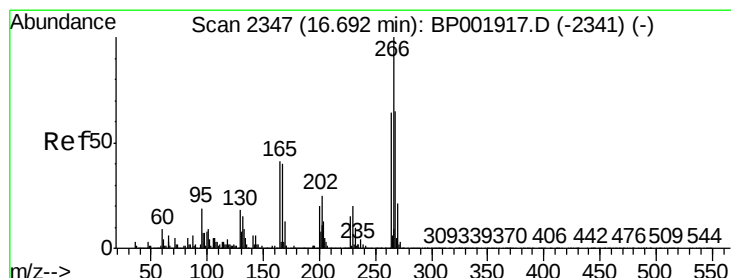
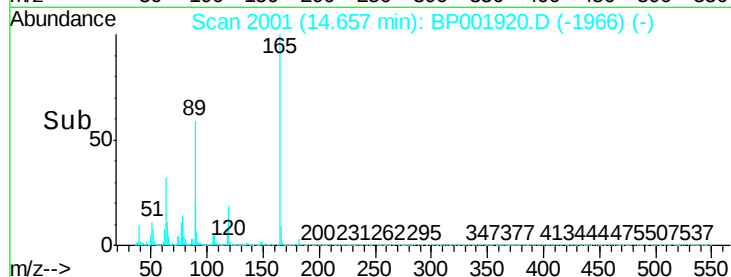
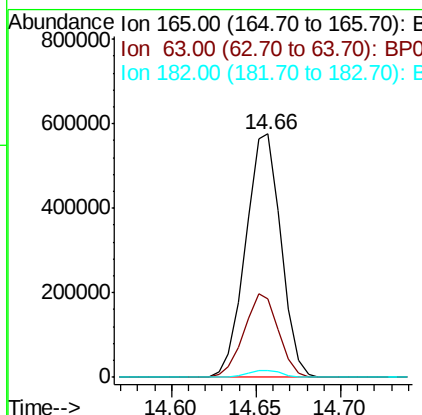
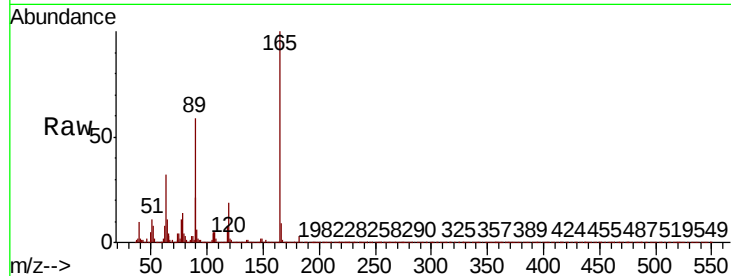
ClientSampleId :

DBD92MSD

Tot Ion:	165	Resp:	836819
Ion Ratio	Lower	Upper	
165	100		
63	32.3	31.0	46.6
182	2.9	2.4	3.6

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#69

Pentachlorophenol

Concen: 52.556 ng/ul

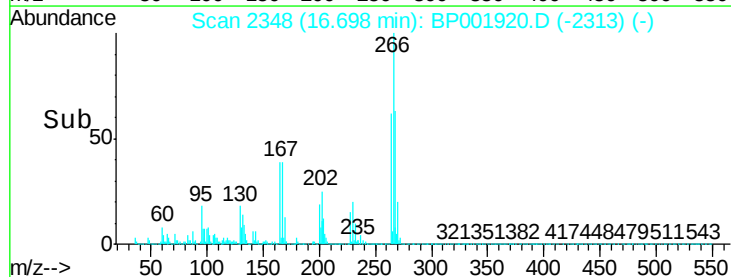
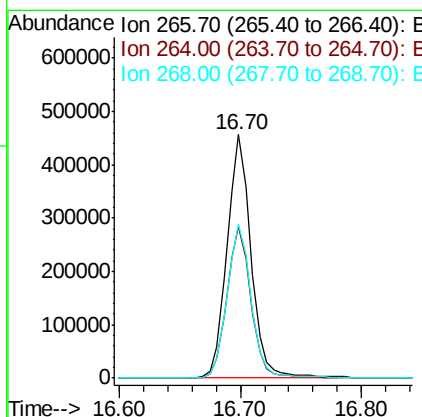
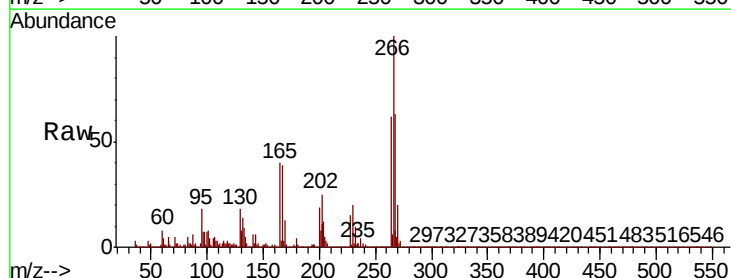
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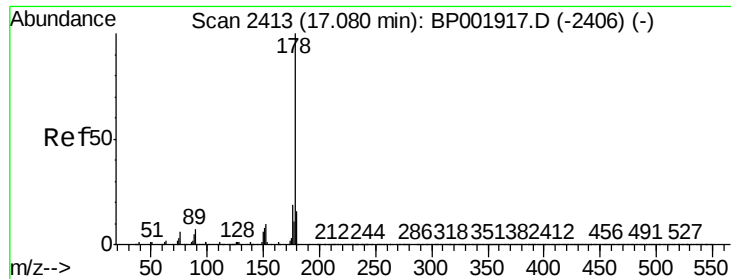
Delta R.T. 0.01 min

Lab File: BP001920.D

Acq: 26 Feb 2020 10:37

Tgt Ion:	266	Resp:	629818
Ion Ratio	Lower	Upper	
266	100		
264	62.2	51.1	76.7
268	63.3	51.5	77.3





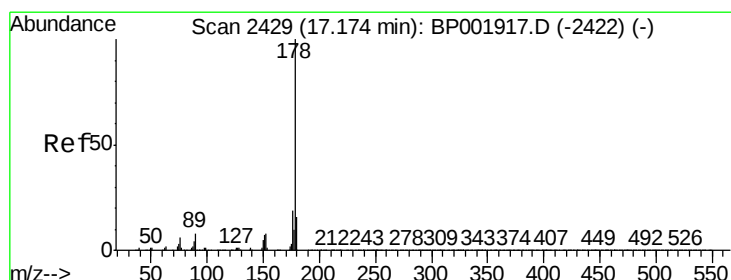
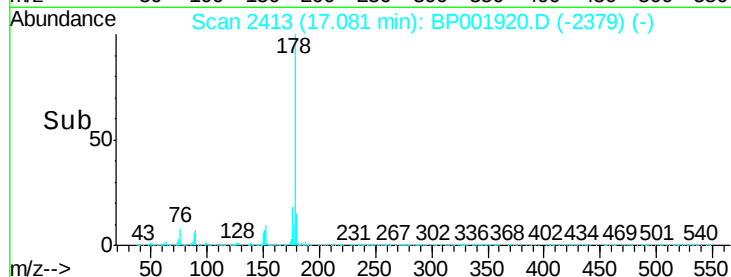
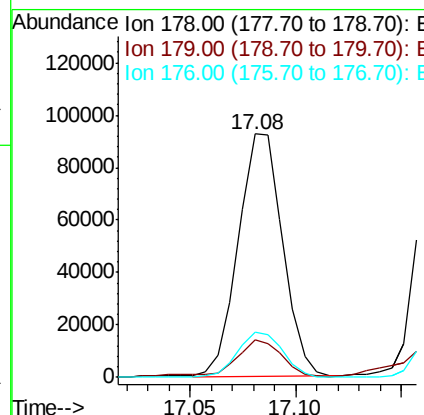
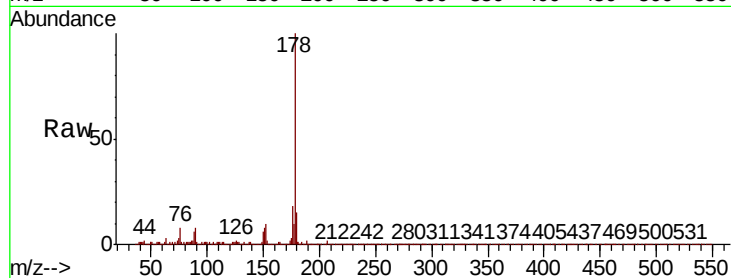
#70
Phenanthrene
Concen: 1.246 ng/ul
RT: 17.08 min Scan# 2413
Delta R.T. 0.00 min
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Acq: 26 Feb 2020 10:37

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Tot Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	18.5	15.3	22.9

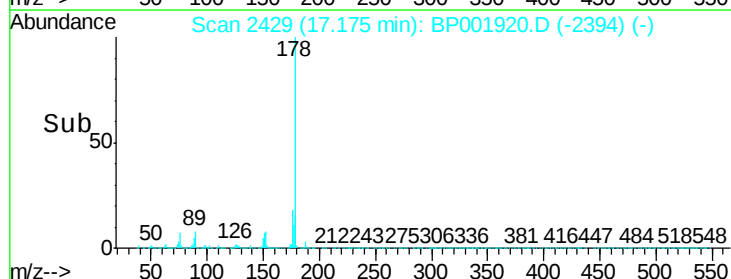
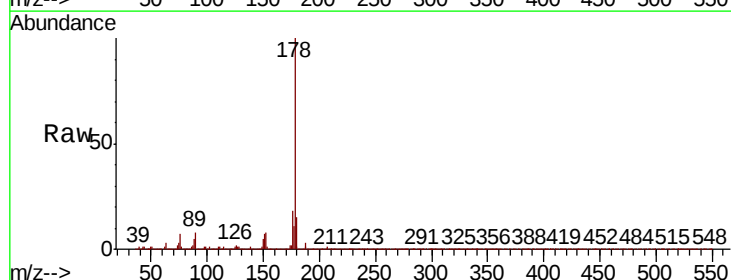
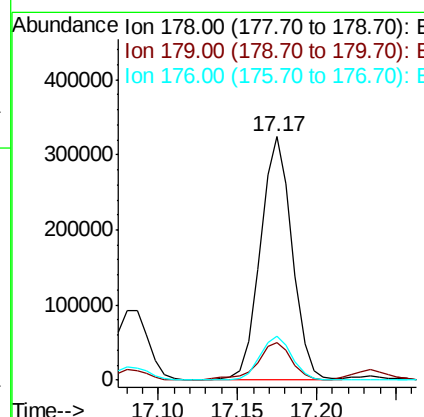
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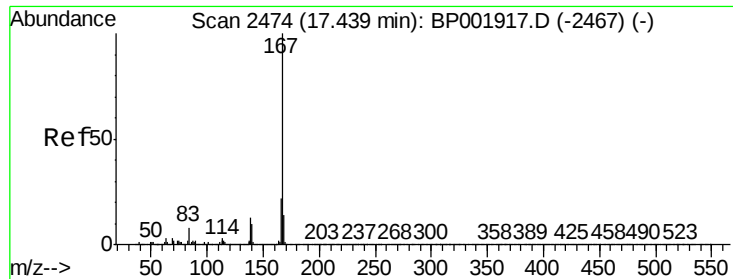
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#72
Anthracene
Concen: 4.251 ng/ul
RT: 17.17 min Scan# 2429
Delta R.T. 0.01 min
Lab File: BP001920.D
Acq: 26 Feb 2020 10:37

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.4	18.6
176	18.0	14.8	22.2





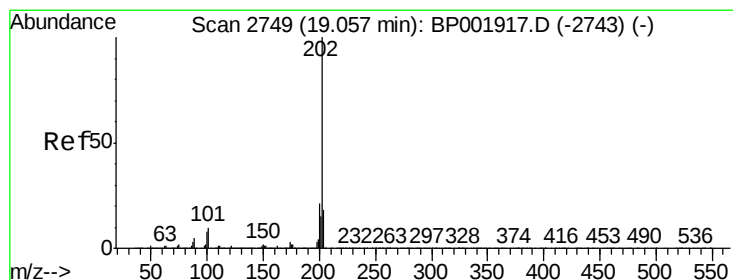
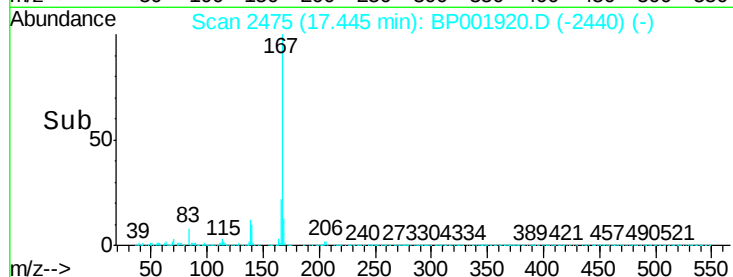
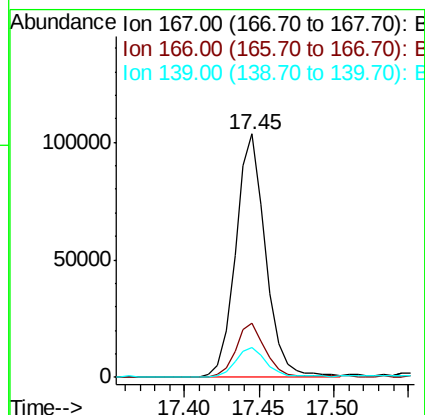
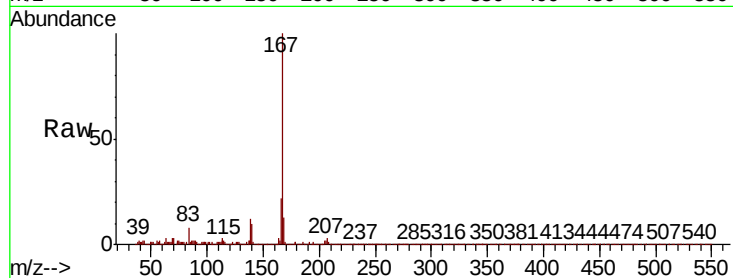
#75
 Carbazole
 Concen: 1.608 ng/ul
 RT: 17.45 min Scan# 2475
 Delta R.T. 0.01 min
 Lab File: BP001920.D
 Acq: 26 Feb 2020 10:37

Instrument :
 BNA_P
 ClientSampleId :
 DBD92MSD

Tot Ion:	167	Resp:	142753
Ion Ratio	Lower	Upper	
167	100		
166	22.1	17.1	25.7
139	12.1	10.2	15.2

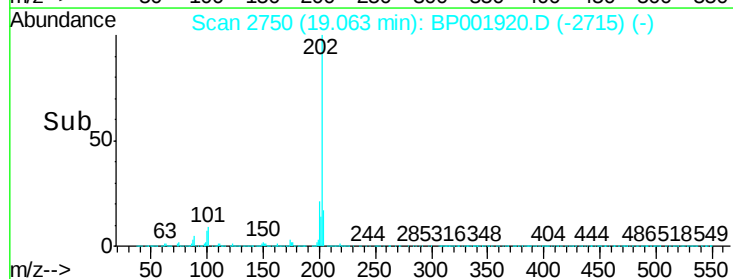
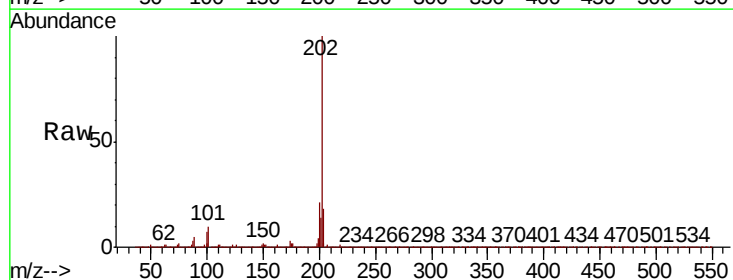
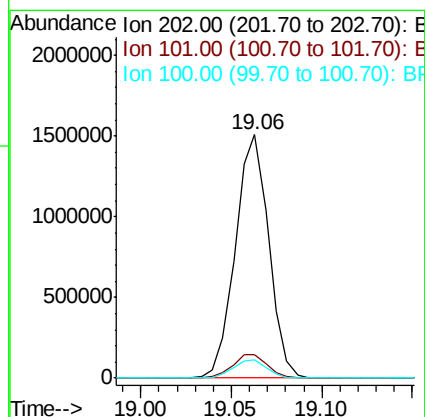
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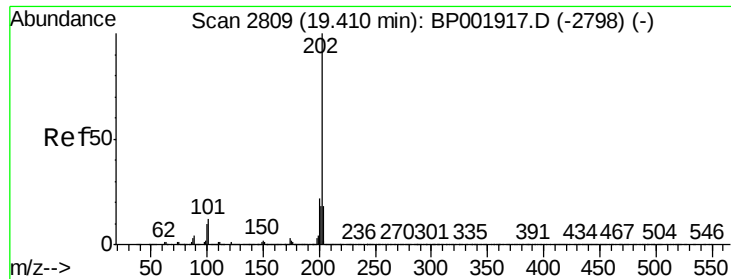
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#77
 Fluoranthene
 Concen: 16.675 ng/ul
 RT: 19.06 min Scan# 2750
 Delta R.T. 0.01 min
 Lab File: BP001920.D
 Acq: 26 Feb 2020 10:37

Tgt Ion:	202	Resp:	1924354
Ion Ratio	Lower	Upper	
202	100		
101	9.6	9.1	13.7
100	7.4	6.6	9.8





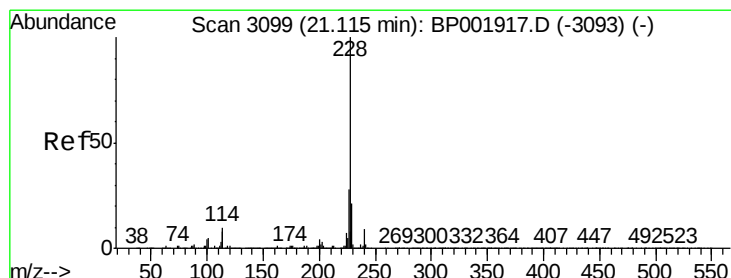
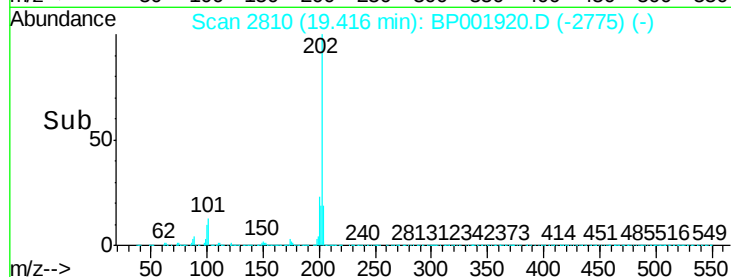
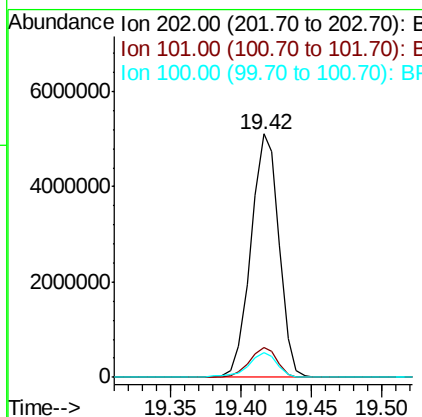
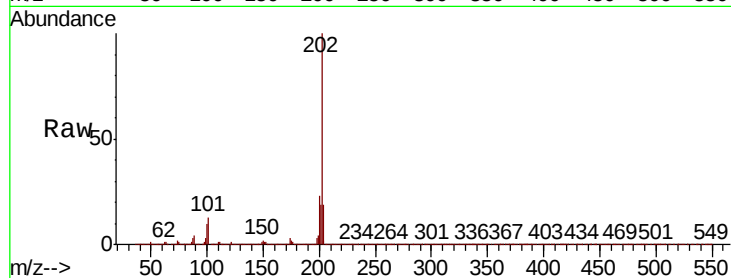
#80
Pvrene
Concen: 50.469 ng/ul
RT: 19.42 min Scan# 2810
Delta R.T. 0.01 min
Lab File: BP001920.D
Acq: 26 Feb 2020 10:37

Instrument :
BNA_P
ClientSampleId :
DBD92MSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.5	10.2	15.2
100	10.2	8.2	12.2

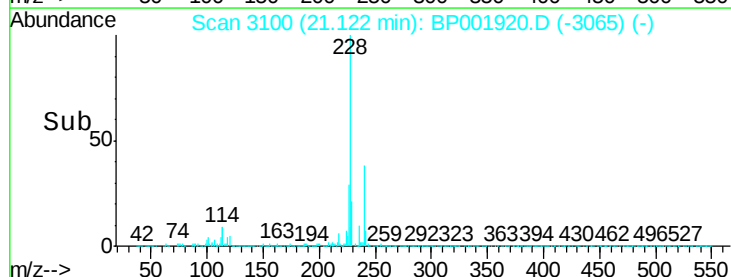
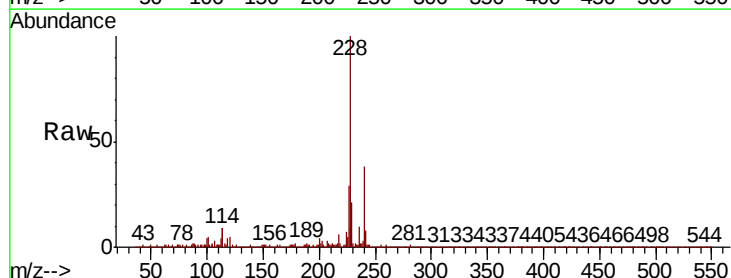
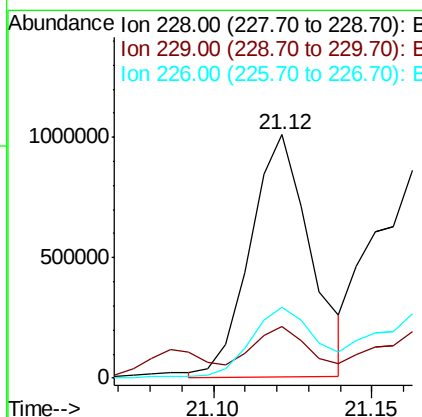
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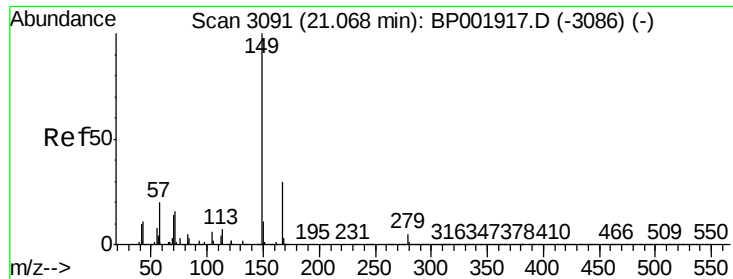
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#83
Benzo(a)anthracene
Concen: 9.712 ng/ul
RT: 21.12 min Scan# 3100
Delta R.T. 0.01 min
Lab File: BP001920.D
Acq: 26 Feb 2020 10:37

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.4	16.2	24.4
226	29.3	22.0	33.0





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.275 ng/ul

RT: 21.07 min Scan# 3092

Delta R.T. 0.01 min

Lab File: BP001920.D

Acq: 26 Feb 2020 10:37

Instrument :

BNA_P

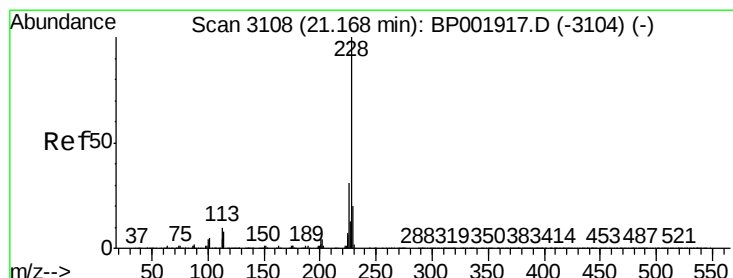
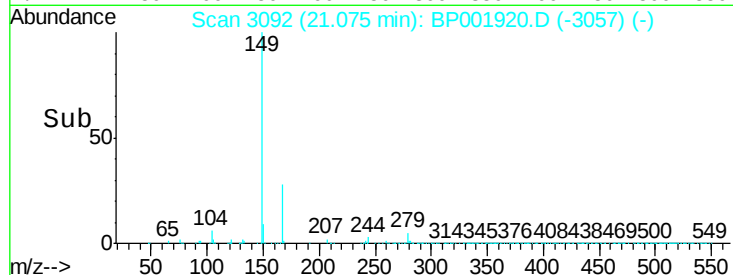
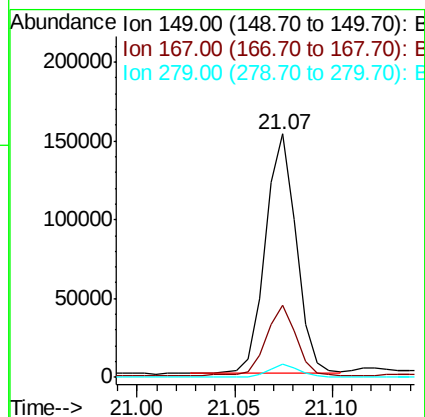
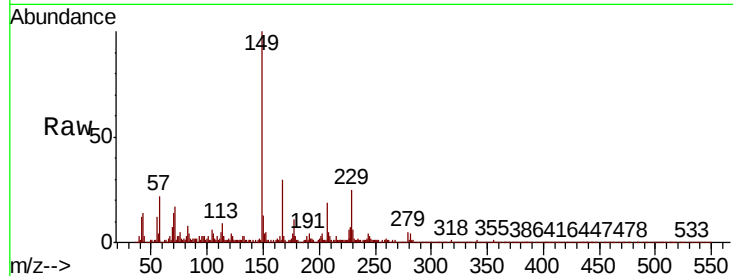
ClientSampleId :

DBD92MSD

Tot Ion:	149	Resp:	165975
Ion Ratio	Lower	Upper	
149	100		
167	29.5	22.6	34.0
279	5.2	3.6	5.4

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#85

Chrysene

Concen: 14.597 ng/ul

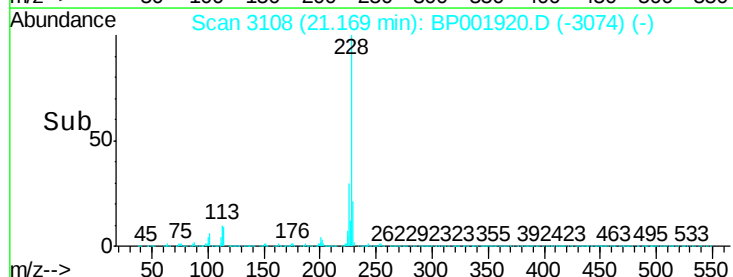
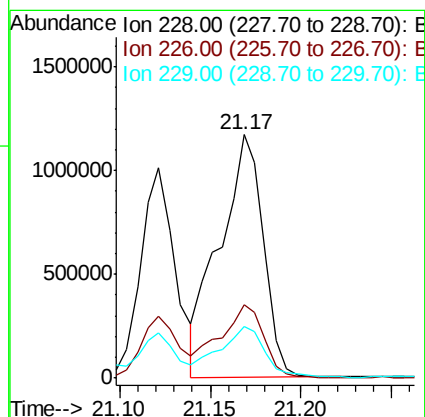
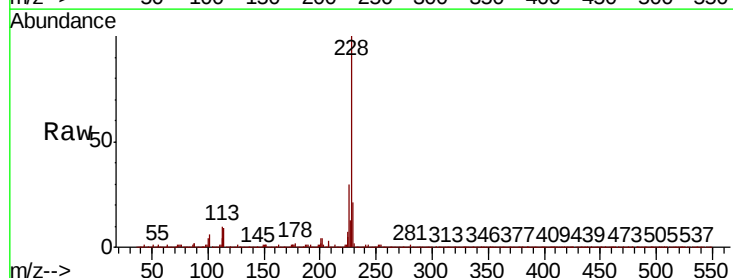
RT: 21.17 min Scan# 3108

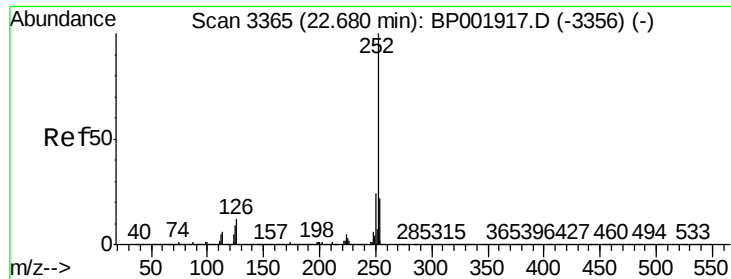
Delta R.T. 0.00 min

Lab File: BP001920.D

Acq: 26 Feb 2020 10:37

Tgt Ion:	228	Resp:	1957859
Ion Ratio	Lower	Upper	
228	100		
226	30.2	24.2	36.2
229	21.3	15.7	23.5





#88

Benzo(b)fluoranthene

Concen: 27.237 ng/ul

RT: 22.69 min Scan# 3366

Delta R.T. 0.01 min

Lab File: BP001920.D

Acq: 26 Feb 2020 10:37

Instrument :

BNA_P

ClientSampleId :

DBD92MSD

Tot Ion:252 Resp: 3474730

Ion Ratio Lower Upper

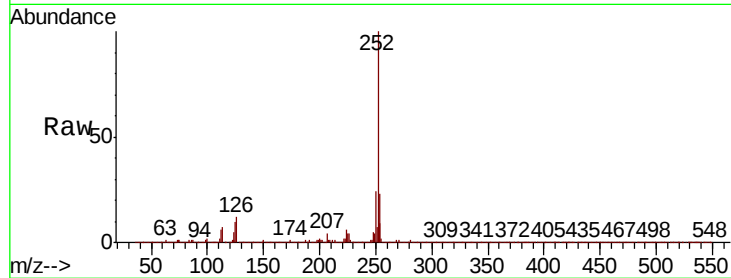
252 100

253 23.3 17.7 26.5

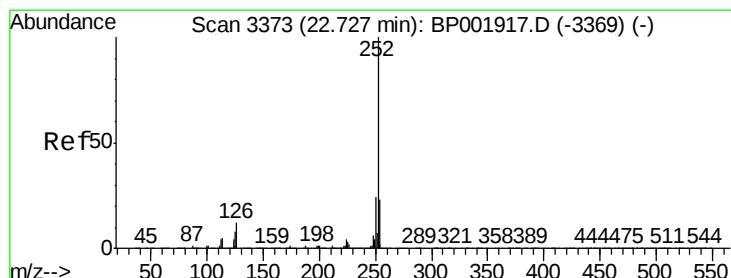
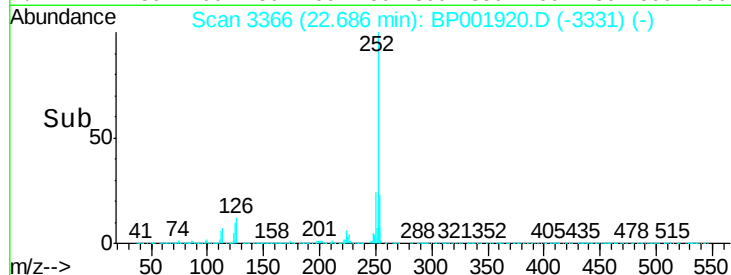
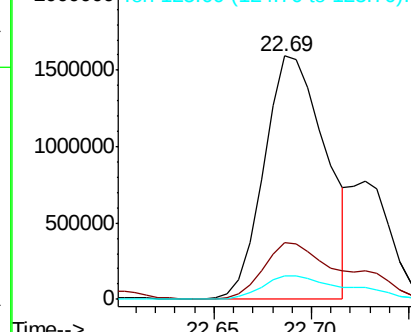
125 9.9 7.8 11.6

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 8.090 ng/ul m

RT: 22.73 min Scan# 3373

Delta R.T. 0.00 min

Lab File: BP001920.D

Acq: 26 Feb 2020 10:37

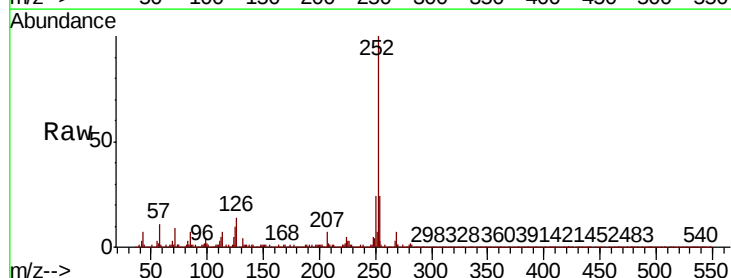
Tgt Ion:252 Resp: 1069745

Ion Ratio Lower Upper

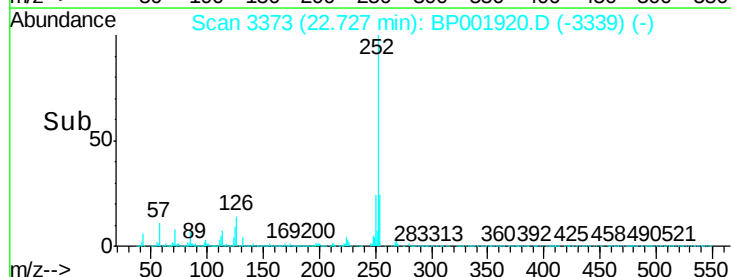
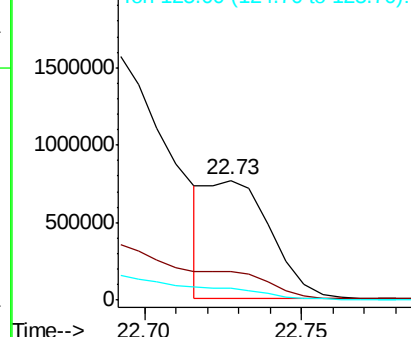
252 100

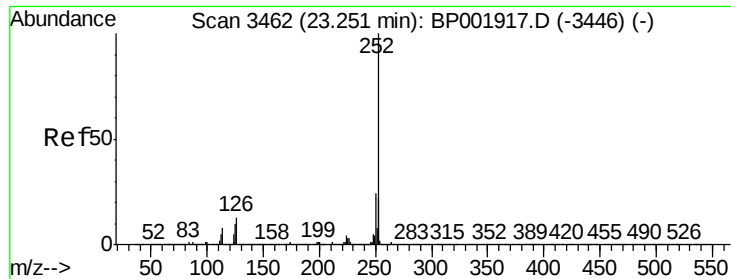
253 24.4 17.8 26.6

125 9.8 8.0 12.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





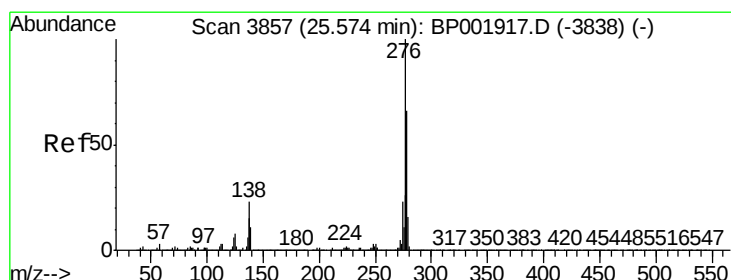
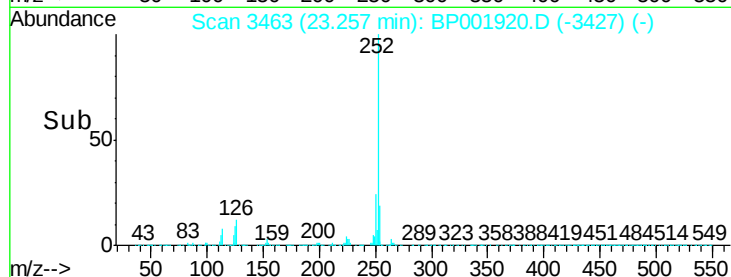
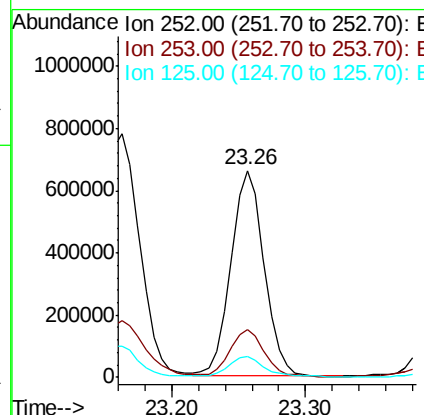
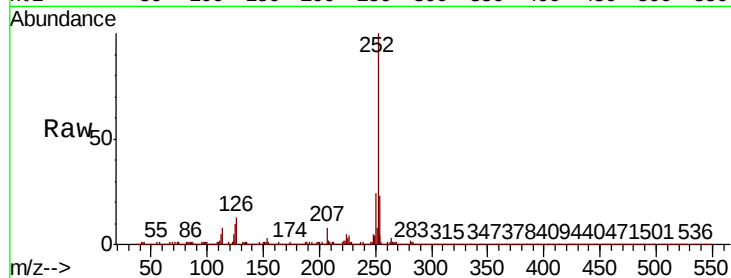
#91
Benzo(a)pyrene
Concen: 9.610 ng/u1
RT: 23.26 min Scan# 3463
Delta R.T. 0.01 min
Lab File: BP001920.D
Acq: 26 Feb 2020 10:37

Instrument :
BNA_P
ClientSampleId :
DBD92MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.6	26.4
125	10.0	8.3	12.5

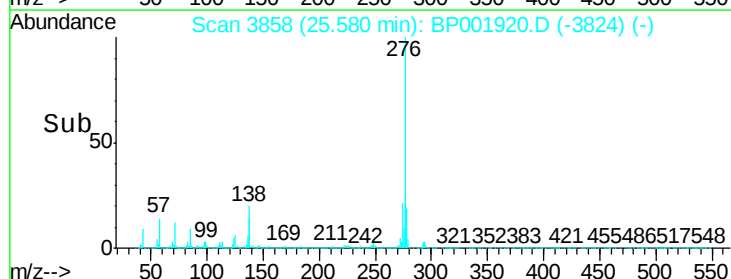
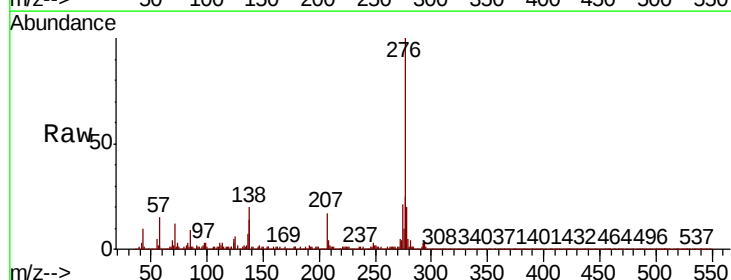
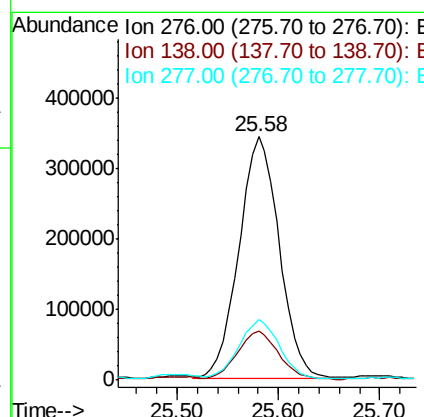
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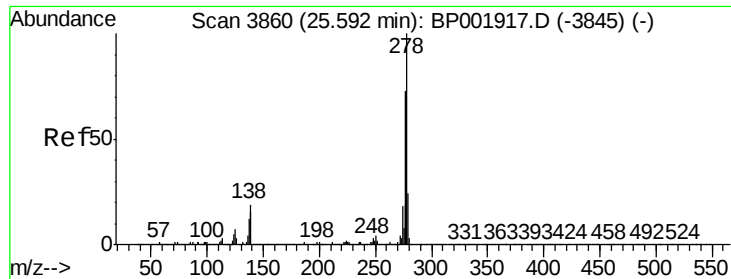
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#92
Indeno(1,2,3-cd)pyrene
Concen: 6.336 ng/u1
RT: 25.58 min Scan# 3858
Delta R.T. 0.00 min
Lab File: BP001920.D
Acq: 26 Feb 2020 10:37

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.9	19.3	28.9
277	24.9	20.0	30.0





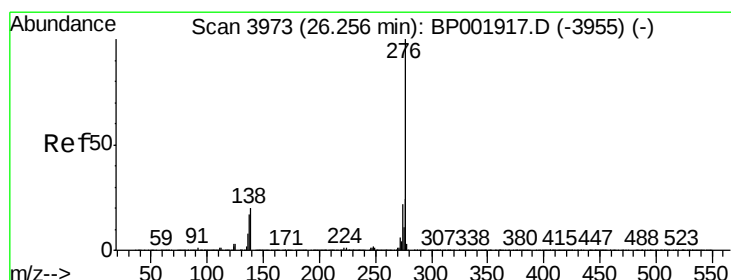
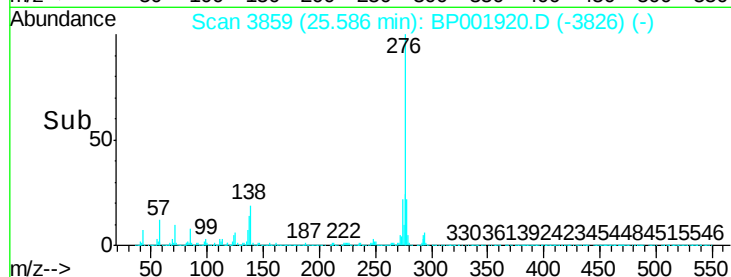
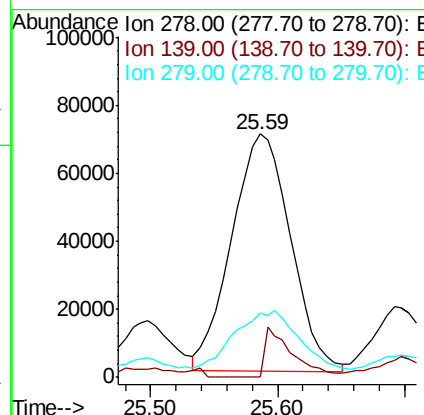
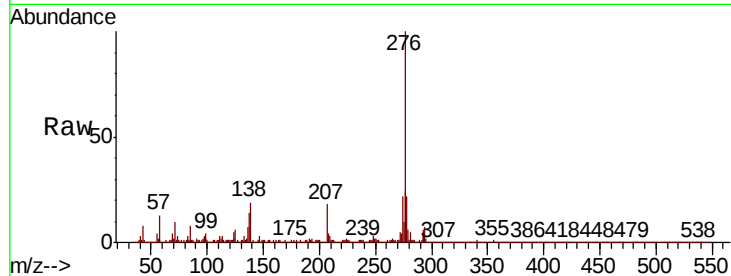
#93
Dibenzo(a,h)anthracene
Concen: 1.796 ng/ul
RT: 25.59 min Scan# 3859
Delta R.T. -0.01 min
Lab File: BP001920.D
Acq: 26 Feb 2020 10:37

Instrument :
BNA_P
ClientSampleId :
DBD92MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.3	19.9#
279	26.2	19.3	28.9

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#94
Benzo(g,h,i)perylene
Concen: 4.699 ng/ul
RT: 26.26 min Scan# 3974
Delta R.T. 0.01 min
Lab File: BP001920.D
Acq: 26 Feb 2020 10:37

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.1	17.7	26.5
277	23.8	18.8	28.2

