

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
 Data File : BP004312.D
 Acq On : 15 Dec 2020 19:42
 Operator : CG/JU
 Sample : L5001-10
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A54C8

Manual Integrations
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 12/17/2020 9:53:06 AM

Quant Time: Dec 16 01:24:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 15 09:00:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	198906	20.00	ng/ul	0.01
18) Naphthalene-d8	10.64	136	807339	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.49	164	490671	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.26	188	1039487	20.00	ng/ul	0.01
78) Chrysene-d12	21.35	240	990352	20.00	ng/ul	0.01
86) Perylene-d12	23.73	264	1159901	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	11152	1.97	ng/uL	0.00
5) Phenol-d5	7.01	99	346417	21.05	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.17	67	186627	18.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	275247	22.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	272601	21.93	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	140352	21.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	155833	28.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	296234	24.70	ng/ul	0.01
29) 4-Chloroaniline-d4	10.77	131	314644	21.17	ng/ul	0.01
44) Dimethylphthalate-d6	13.89	166	861137	22.96	ng/ul	0.00
47) Acenaphthylene-d8	14.19	160	1118033	23.36	ng/ul	0.01
52) 4-Nitrophenol-d4	14.69	143	129690	20.47	ng/ul	0.01
58) Fluorene-d10	15.49	176	751788	22.13	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.62	200	59270	11.88	ng/ul	0.01
71) Anthracene-d10	17.36	188	1187753	23.45	ng/ul	0.01
79) Pyrene-d10	19.60	212	1321149	25.61	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.57	264	1476873	24.17	ng/ul	0.03

Target Compounds

					Ovalue
6) Phenol	7.03	94	52907	3.080	ng/ul 100
28) Naphthalene	10.69	128	202586	4.426	ng/ul 99
34) 2-Methylnaphthalene	12.30	142	81071	2.633	ng/ul 99
45) Dimethylphthalate	13.94	163	129206	3.383	ng/ul 99
48) Acenaphthylene	14.21	152	74324	1.565	ng/ul# 97
50) Acenaphthene	14.56	153	375530	11.166	ng/ul 99
54) Dibenzofuran	14.89	168	289549	6.110	ng/ul 99
59) Fluorene	15.55	166	411225	10.850	ng/ul 100
69) Pentachlorophenol	16.91	266	14615	2.192	ng/ul 95
70) Phenanthrene	17.30	178	6537320	106.601	ng/ul 98
72) Anthracene	17.39	178	1168357	19.257	ng/ul 100
75) Carbazole	17.66	167	866569	17.551	ng/ul 100
77) Fluoranthene	19.27	202	9027276	137.860	ng/ul 98
80) Pyrene	19.63	202	7721060	115.577	ng/ul 97
83) Benzo(a)anthracene	21.34	228	4085598	62.586	ng/ul 97
84) Bis(2-ethylhexyl)phthalate	21.26	149	72552	2.430	ng/ul# 90
85) Chrysene	21.39	228	4047229	63.198	ng/ul 97
88) Benzo(b)fluoranthene	23.02	252	5174675	70.349	ng/ul 97
89) Benzo(k)fluoranthene	23.05	252	1945827m	25.758	ng/ul
91) Benzo(a)pyrene	23.63	252	3703380	53.953	ng/ul 97
92) Indeno(1,2,3-cd)pyrene	26.18	276	2650949	30.796	ng/ul 99
93) Dibenzo(a,h)anthracene	26.18	278	702450	9.736	ng/ul# 89
94) Benzo(g,h,i)perylene	26.93	276	2093736	28.992	ng/ul 95

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A54C8

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 15 09:00:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

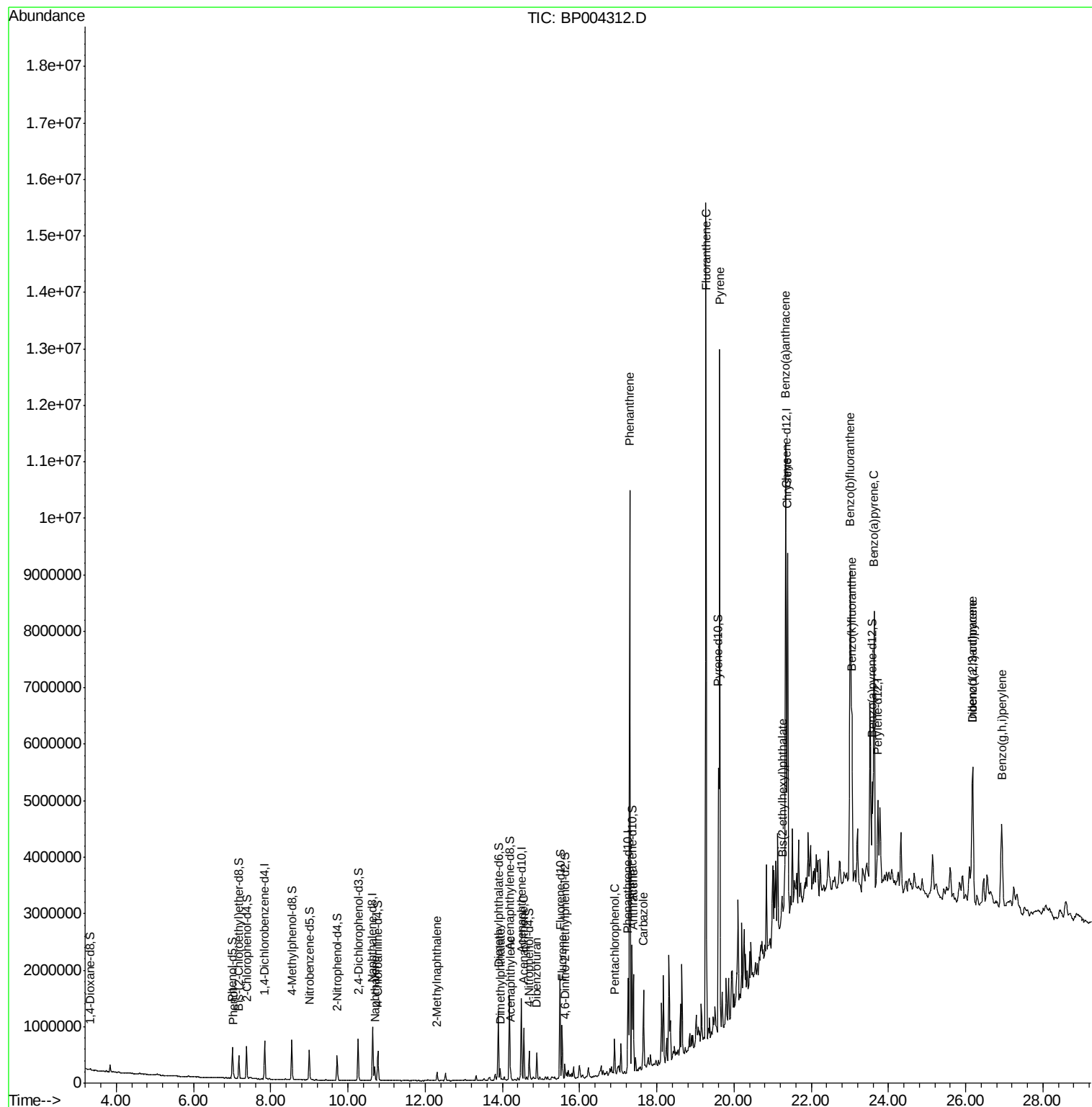
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
Data File : BP004312.D
Acq On : 15 Dec 2020 19:42
Operator : CG/JU
Sample : L5001-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

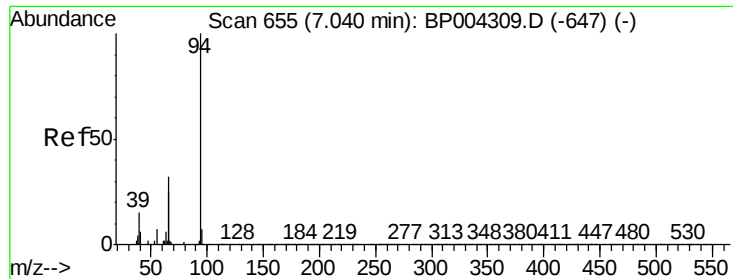
Instrument :
BNA_P
ClientSampled :
A54C8

Quant Time: Dec 16 01:24:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
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#6

Phenol

Concen: 3.080 ng/ul

RT: 7.03 min Scan# 654

Delta R.T. 0.01 min

Lab File: BP004312.D

Acq: 15 Dec 2020 19:42

Instrument :

BNA_P

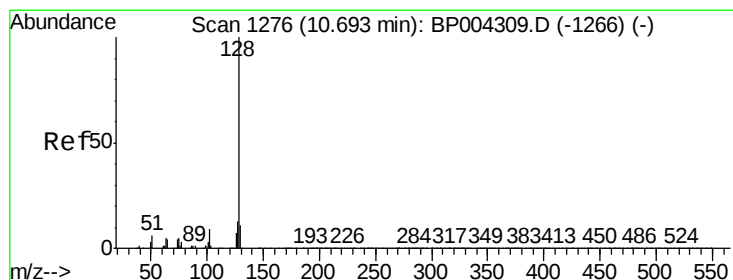
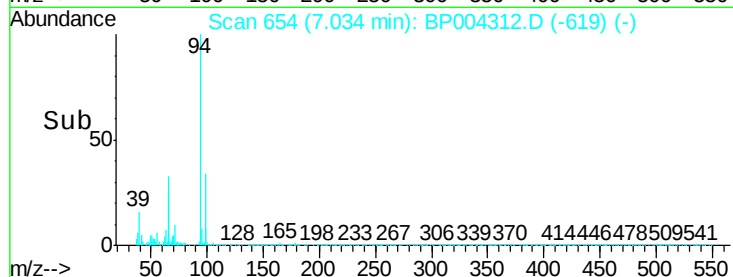
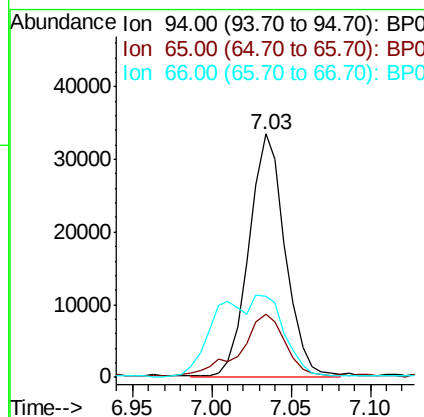
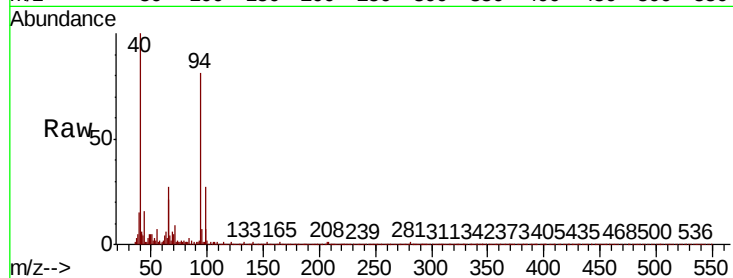
ClientSampleId :

A54C8

Tot Ion:	94	Resp:	52907
Ion Ratio	Lower	Upper	
94	100		
65	25.9	20.8	31.2
66	33.4	26.5	39.7

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#28

Naphthalene

Concen: 4.426 ng/ul

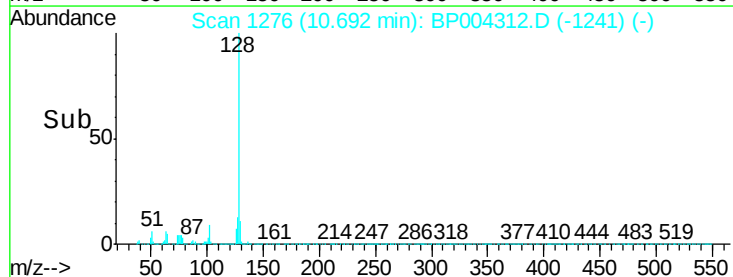
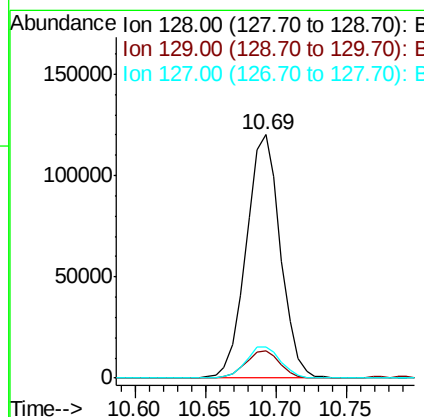
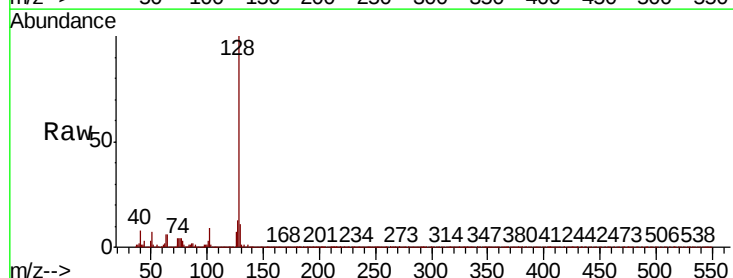
RT: 10.69 min Scan# 1276

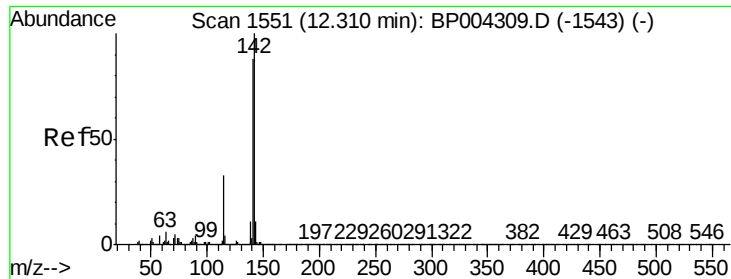
Delta R.T. 0.01 min

Lab File: BP004312.D

Acq: 15 Dec 2020 19:42

Tgt Ion:	128	Resp:	202586
Ion Ratio	Lower	Upper	
128	100		
129	11.4	8.8	13.2
127	12.9	10.6	16.0





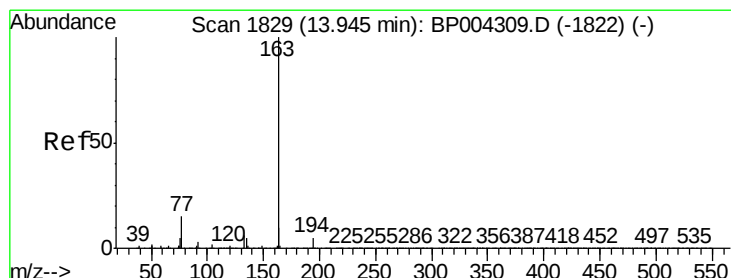
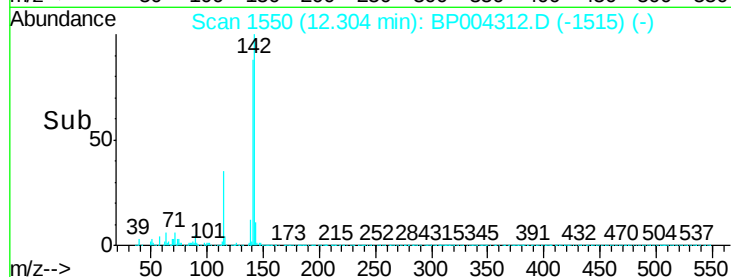
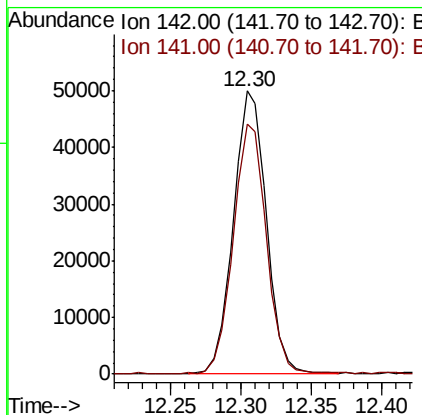
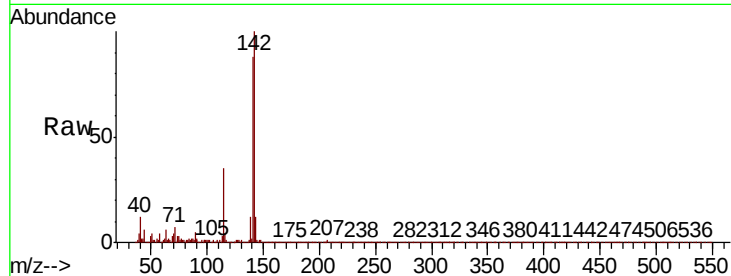
#34
 2-Methylnaphthalene
 Concen: 2.633 ng/ul
 RT: 12.30 min Scan# 1550
 Delta R.T. 0.01 min
 Lab File: BP004312.D
 Acq: 15 Dec 2020 19:42

Instrument :
 BNA_P
 ClientSampleId :
 A54C8

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	69.7	104.5

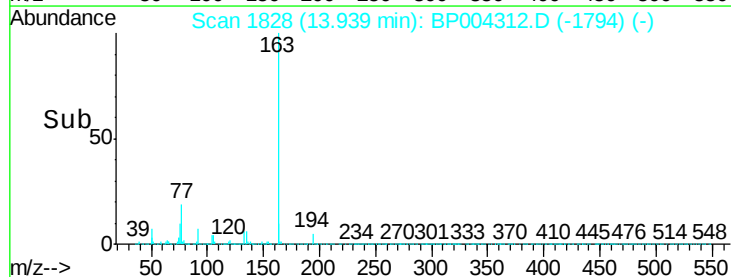
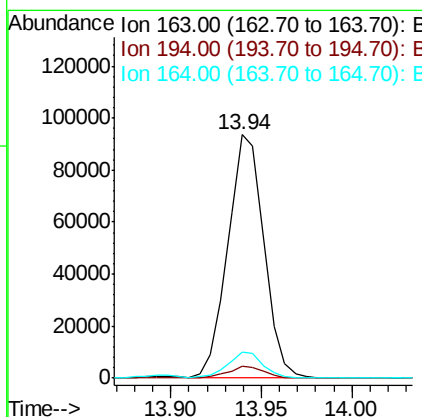
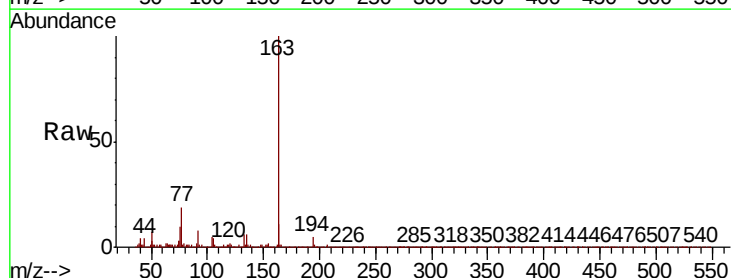
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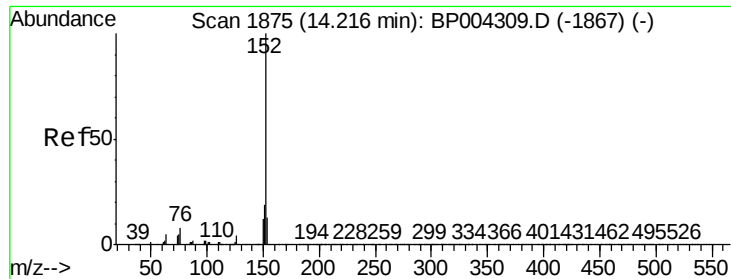
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#45
 Dimethylphthalate
 Concen: 3.383 ng/ul
 RT: 13.94 min Scan# 1828
 Delta R.T. -0.00 min
 Lab File: BP004312.D
 Acq: 15 Dec 2020 19:42

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.4	5.2
164	10.5	8.4	12.6





#48

Acenaphthylene

Concen: 1.565 ng/ul

RT: 14.21 min Scan# 1874

Delta R.T. 0.01 min

Lab File: BP004312.D

Acq: 15 Dec 2020 19:42

Instrument :

BNA_P

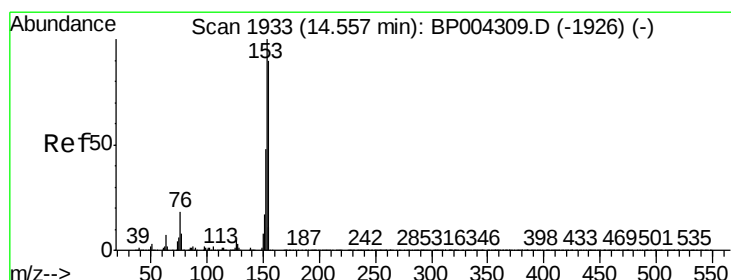
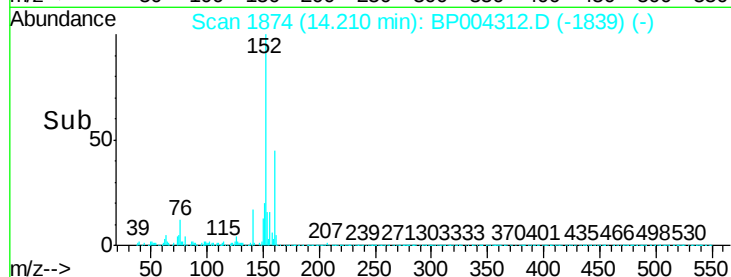
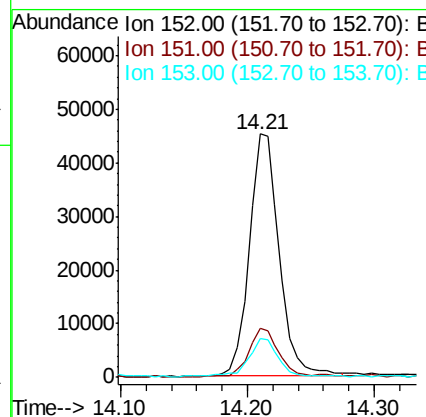
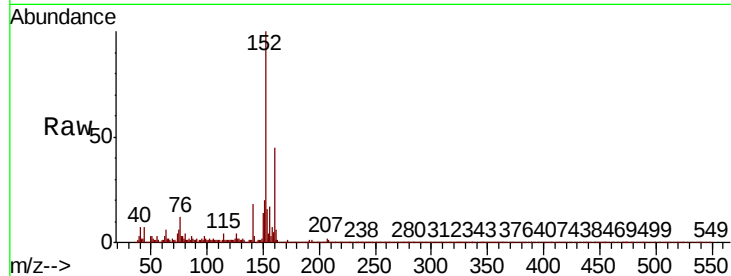
ClientSampleId :

A54C8

Tot Ion:	152	Resp:	74324
Ion Ratio	Lower	Upper	
152	100		
151	20.2	15.8	23.8
153	16.0	10.6	16.0#

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#50

Acenaphthene

Concen: 11.166 ng/ul

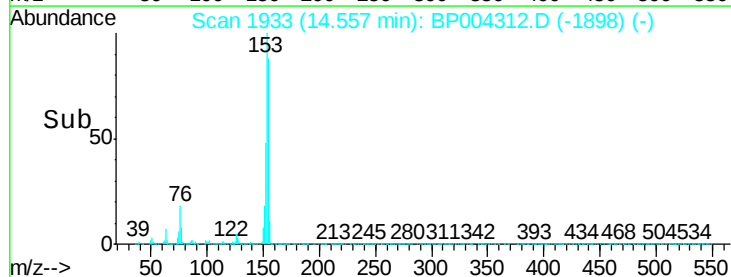
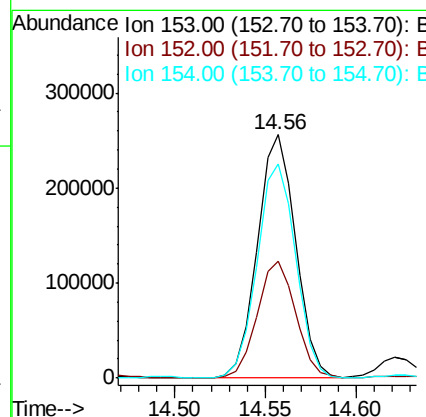
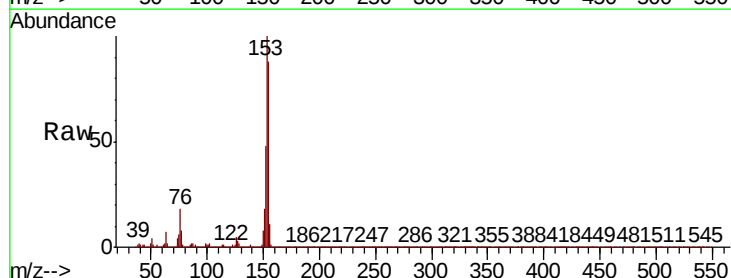
RT: 14.56 min Scan# 1933

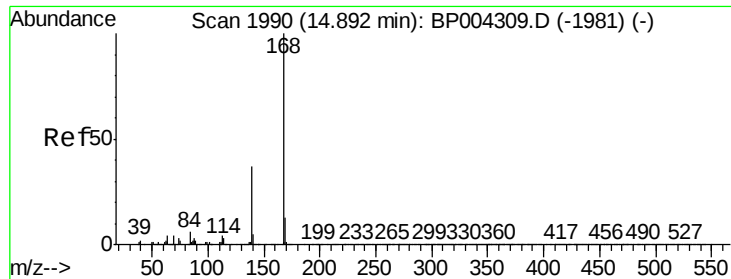
Delta R.T. 0.01 min

Lab File: BP004312.D

Acq: 15 Dec 2020 19:42

Tgt Ion:	153	Resp:	375530
Ion Ratio	Lower	Upper	
153	100		
152	48.0	37.8	56.6
154	88.1	69.8	104.8





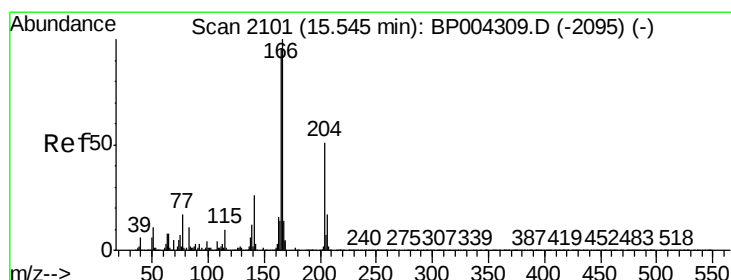
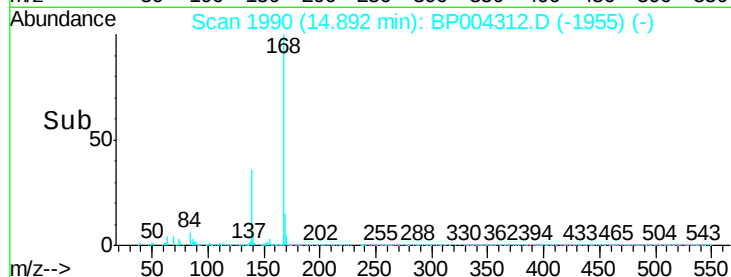
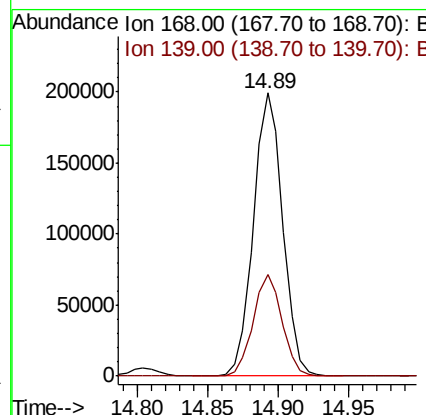
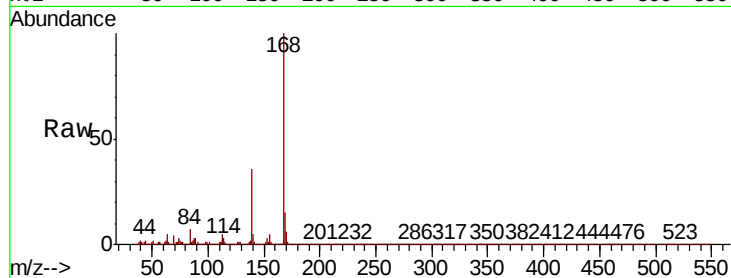
#54
Dibenzenofuran
Concen: 6.110 ng/ul
RT: 14.89 min Scan# 1990
Delta R.T. 0.01 min
Lab File: BP004312.D
Acq: 15 Dec 2020 19:42

Instrument :
BNA_P
ClientSampleId :
A54C8

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.9	29.0	43.6

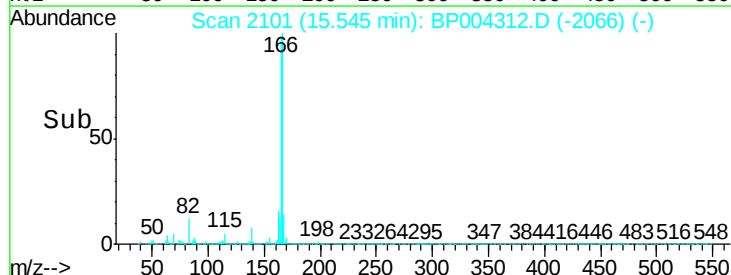
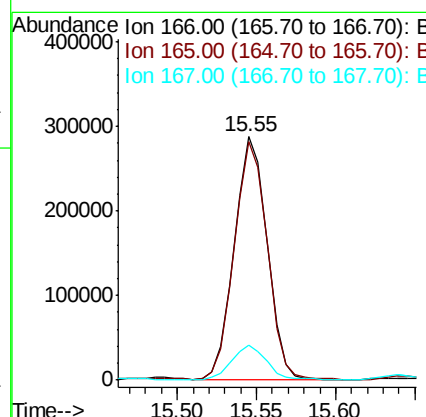
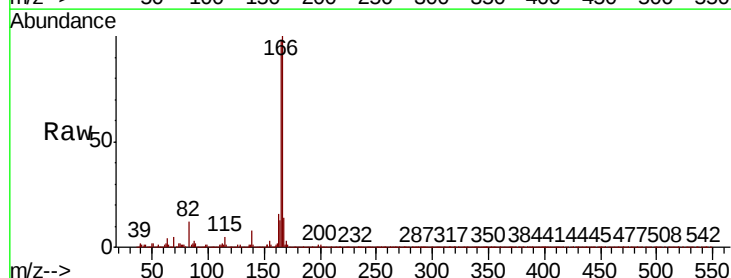
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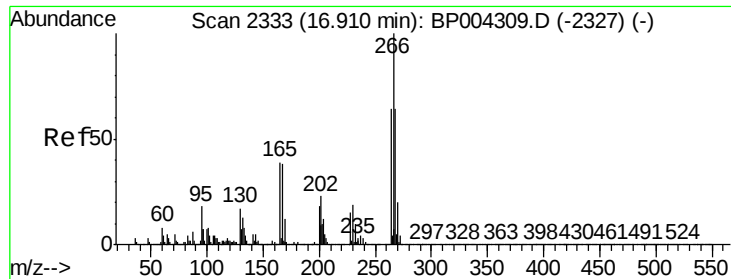
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#59
Fluorene
Concen: 10.850 ng/ul
RT: 15.55 min Scan# 2101
Delta R.T. 0.01 min
Lab File: BP004312.D
Acq: 15 Dec 2020 19:42

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.2	117.2
167	14.3	10.8	16.2





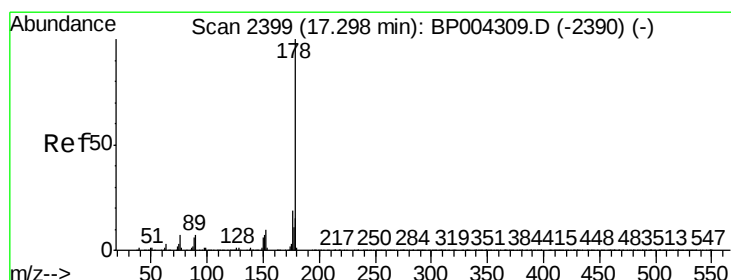
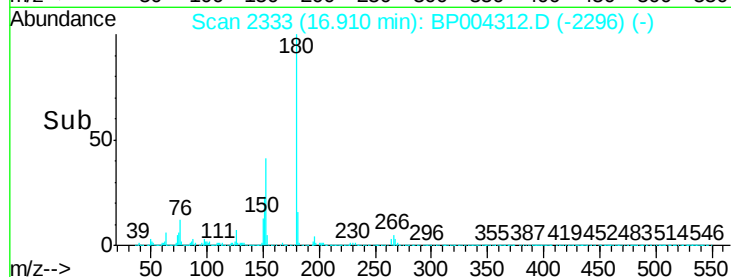
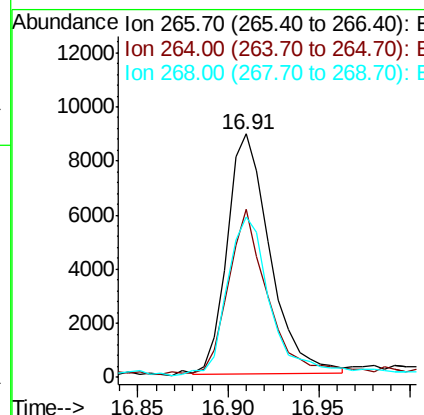
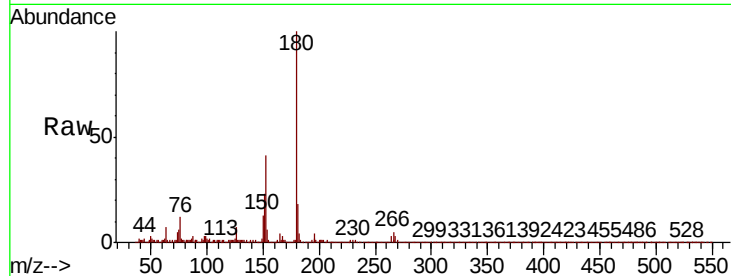
#69
 Pentachlorophenol
 Concen: 2.192 ng/ul
 RT: 16.91 min Scan# 2333
 Delta R.T. 0.02 min
 Lab File: BP004312.D
 Acq: 15 Dec 2020 19:42

Instrument :
 BNA_P
 ClientSampleId :
 A54C8

Tot Ion	Ratio	Lower	Upper
266	100		
264	68.8	49.8	74.6
268	65.7	52.0	78.0

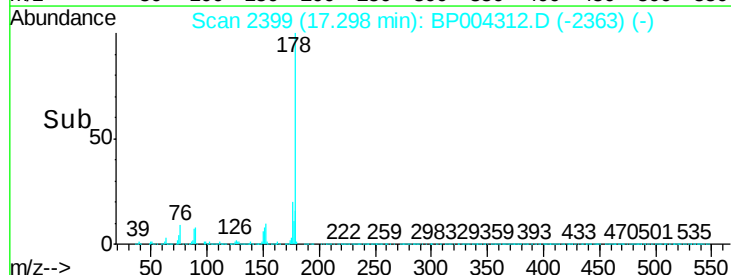
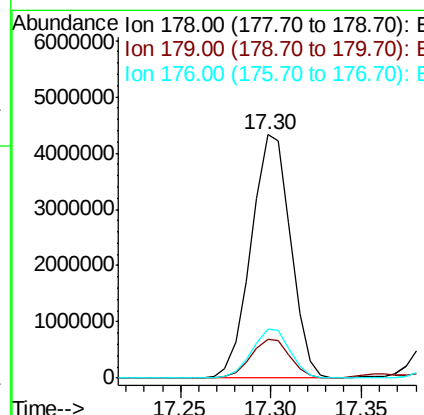
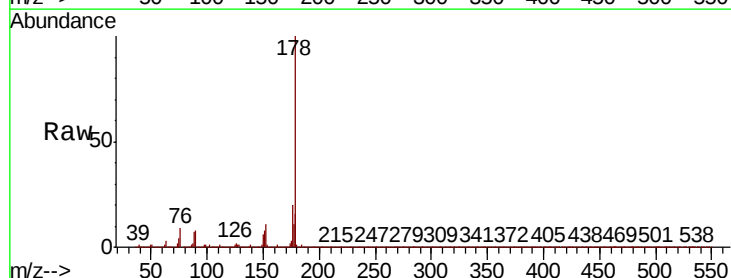
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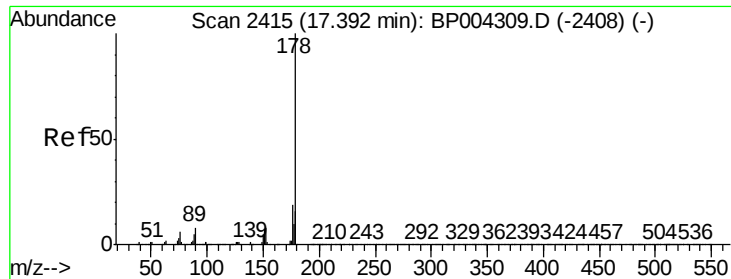
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#70
 Phenanthrene
 Concen: 106.601 ng/ul
 RT: 17.30 min Scan# 2399
 Delta R.T. 0.01 min
 Lab File: BP004312.D
 Acq: 15 Dec 2020 19:42

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.4	18.6
176	20.1	15.4	23.0





#72

Anthracene

Concen: 19.257 ng/ul

RT: 17.39 min Scan# 2415

Delta R.T. 0.01 min

Lab File: BP004312.D

Acq: 15 Dec 2020 19:42

Instrument :

BNA_P

ClientSampleId :

A54C8

Tot Ion:178 Resp: 1168357

Ion Ratio Lower Upper

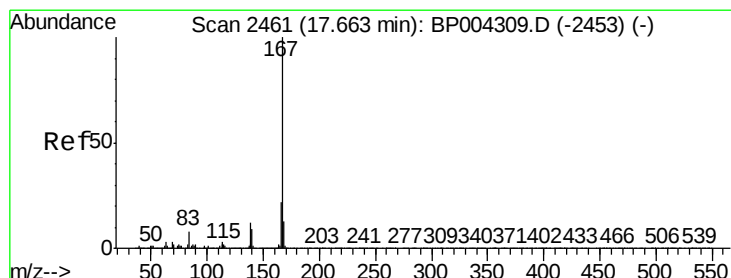
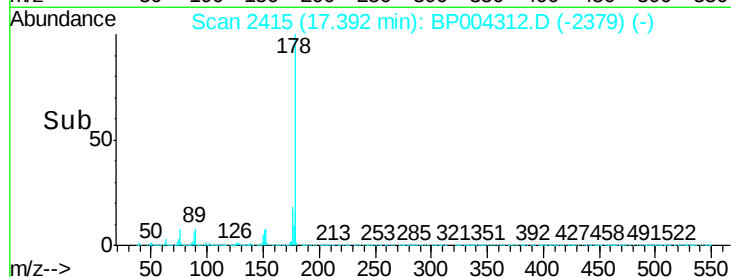
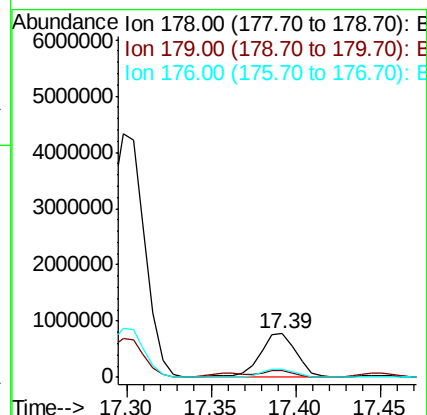
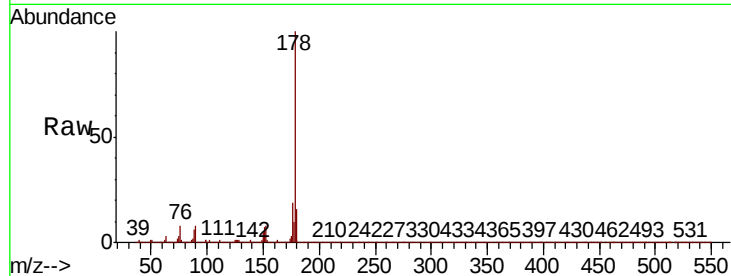
178 100

179 15.6 12.3 18.5

176 18.5 14.9 22.3

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#75

Carbazole

Concen: 17.551 ng/ul

RT: 17.66 min Scan# 2460

Delta R.T. 0.01 min

Lab File: BP004312.D

Acq: 15 Dec 2020 19:42

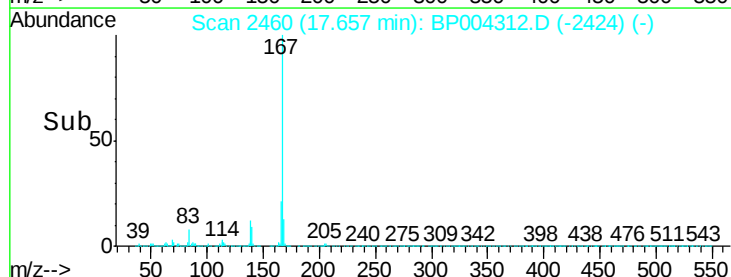
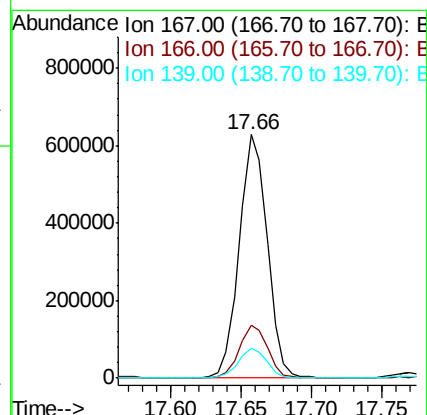
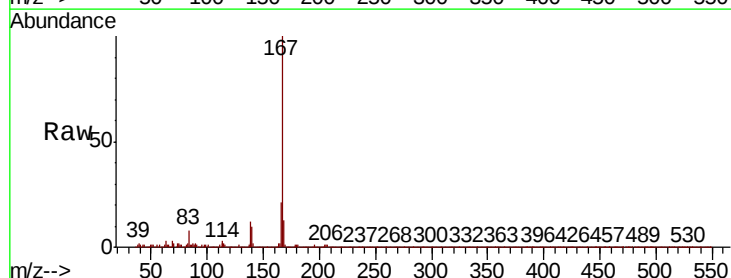
Tgt Ion:167 Resp: 866569

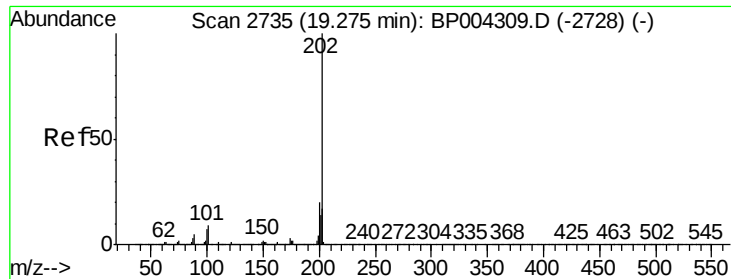
Ion Ratio Lower Upper

167 100

166 21.5 17.1 25.7

139 12.4 9.8 14.6





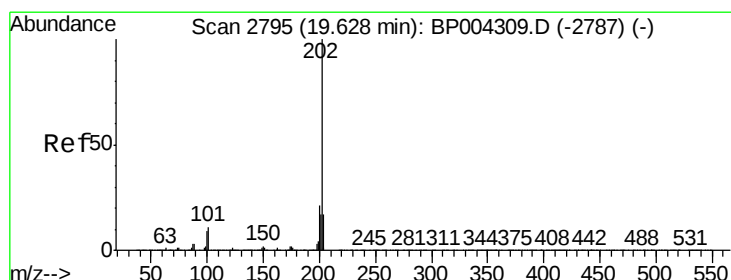
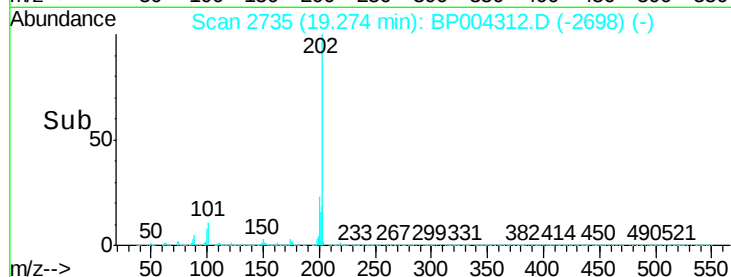
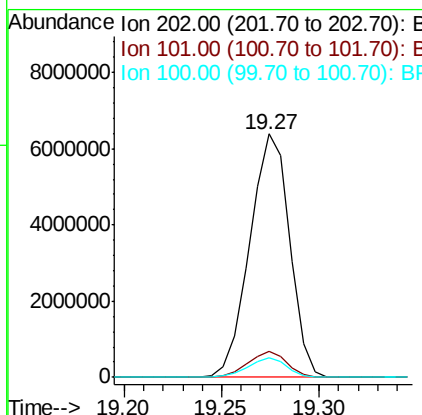
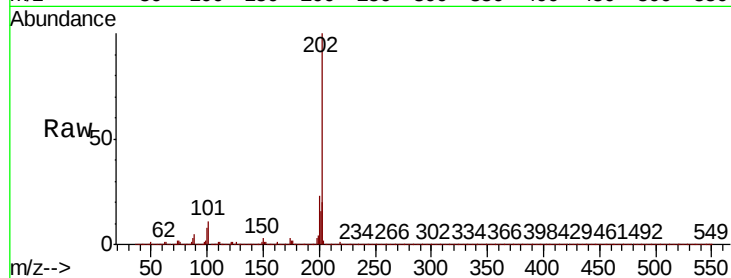
#77
Fluoranthene
Concen: 137.860 ng/ul
RT: 19.27 min Scan# 2735
Delta R.T. 0.02 min
Lab File: BP004312.D
Acq: 15 Dec 2020 19:42

Instrument :
BNA_P
ClientSampleId :
A54C8

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.6	9.1	13.7
100	8.1	7.1	10.7

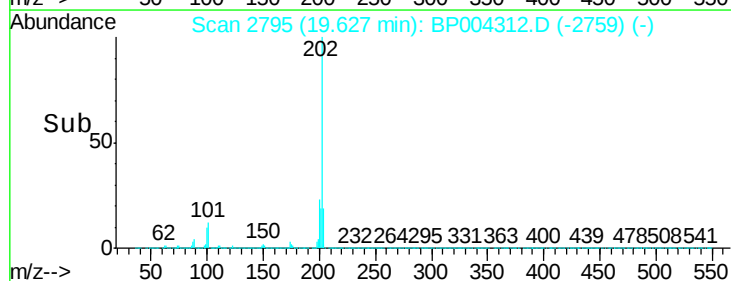
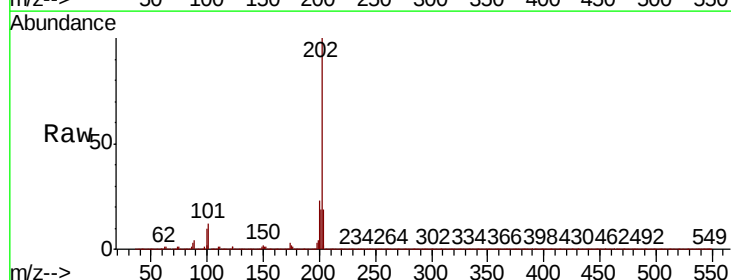
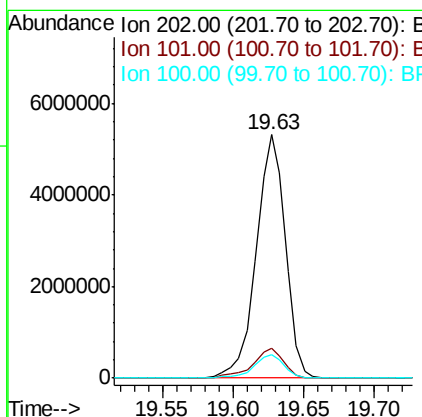
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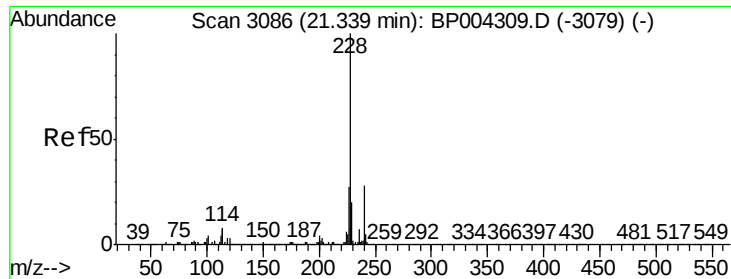
mohammad
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#80
Pyrene
Concen: 115.577 ng/ul
RT: 19.63 min Scan# 2795
Delta R.T. 0.01 min
Lab File: BP004312.D
Acq: 15 Dec 2020 19:42

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.1	10.6	15.8
100	9.6	8.6	12.8





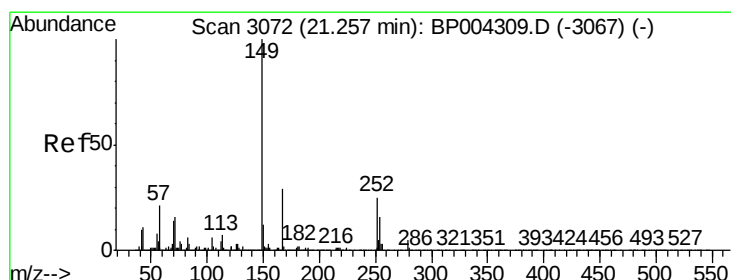
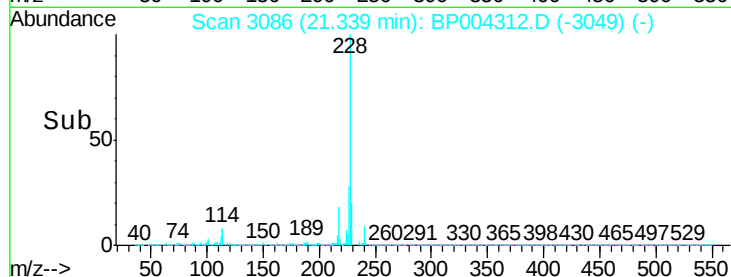
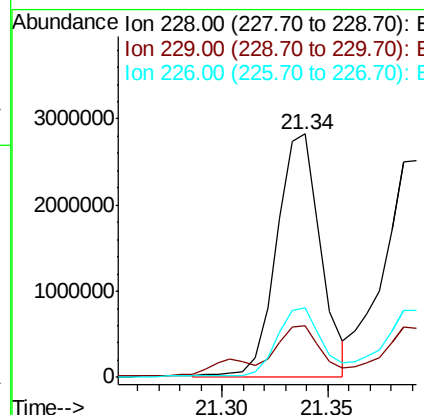
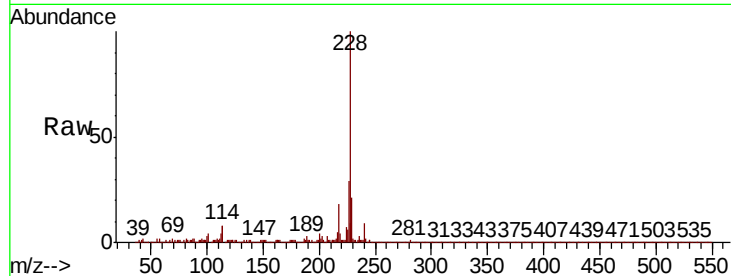
#83
Benzo(a)anthracene
Concen: 62.586 ng/ul
RT: 21.34 min Scan# 3086
Delta R.T. 0.02 min
Lab File: BP004312.D
Acq: 15 Dec 2020 19:42

Instrument :
BNA_P
ClientSampleId :
A54C8

Tot Ion:228 Resp: 4085598
Ion Ratio Lower Upper
228 100
229 21.0 15.8 23.8
226 28.6 21.7 32.5

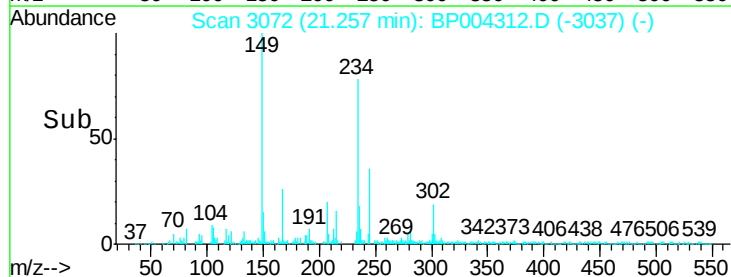
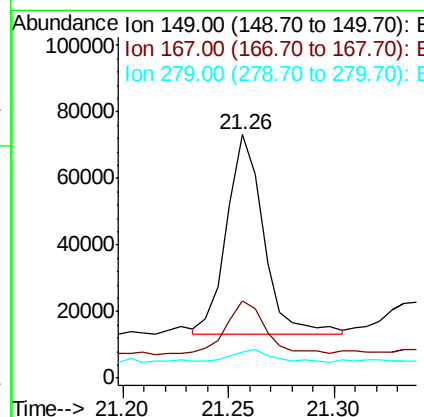
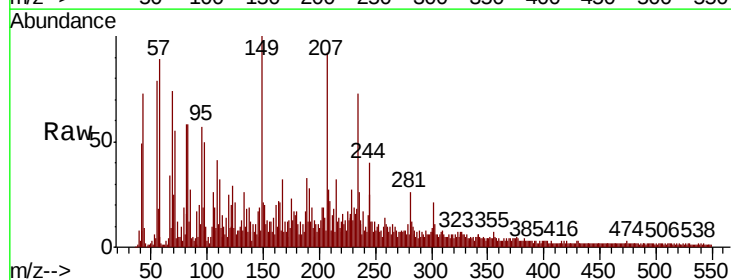
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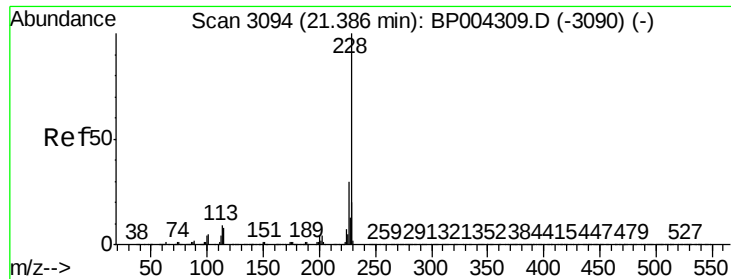
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 2.430 ng/ul
RT: 21.26 min Scan# 3072
Delta R.T. 0.01 min
Lab File: BP004312.D
Acq: 15 Dec 2020 19:42

Tgt Ion:149 Resp: 72552
Ion Ratio Lower Upper
149 100
167 31.9 22.2 33.4
279 10.9 3.6 5.4#





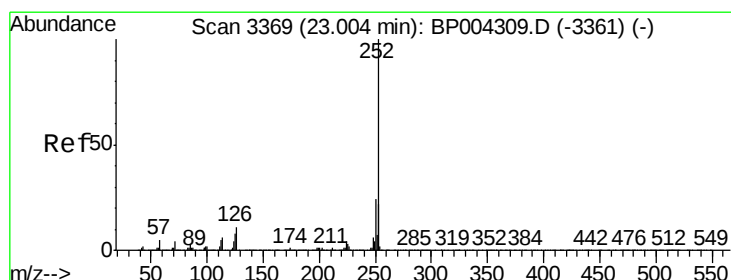
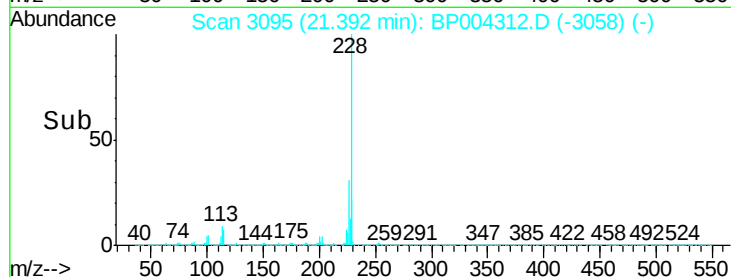
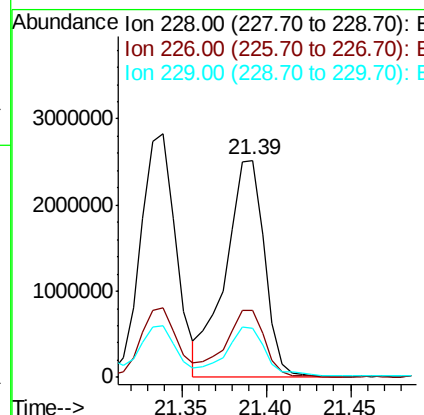
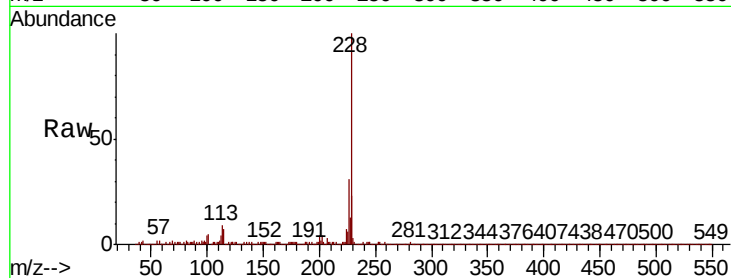
#85
Chrysene
Concen: 63.198 ng/ul
RT: 21.39 min Scan# 3095
Delta R.T. 0.02 min
Lab File: BP004312.D
Acq: 15 Dec 2020 19:42

Instrument :
BNA_P
ClientSampleId :
A54C8

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.2	36.2
229	22.8	15.8	23.8

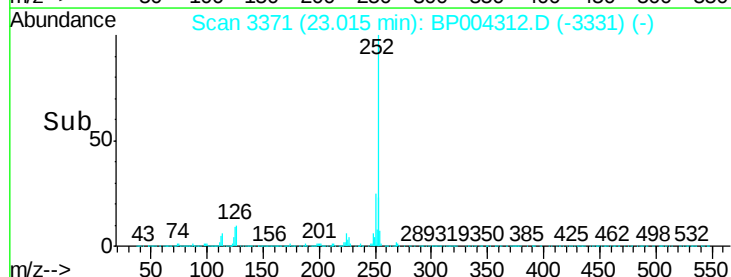
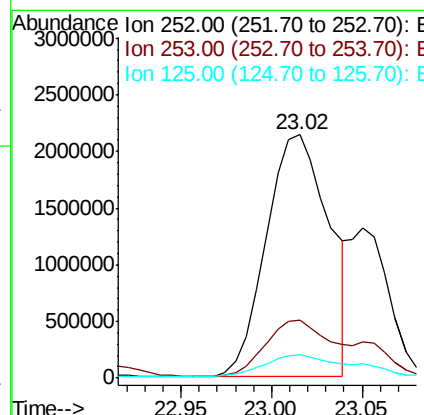
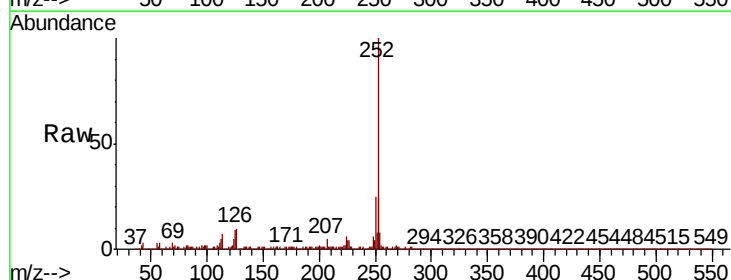
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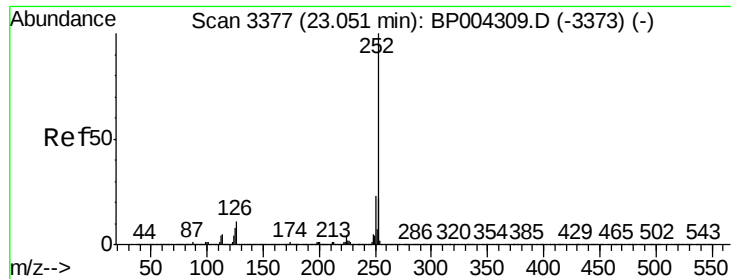
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#88
Benzo(b)fluoranthene
Concen: 70.349 ng/ul
RT: 23.02 min Scan# 3371
Delta R.T. 0.04 min
Lab File: BP004312.D
Acq: 15 Dec 2020 19:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.6	26.4
125	9.4	7.7	11.5





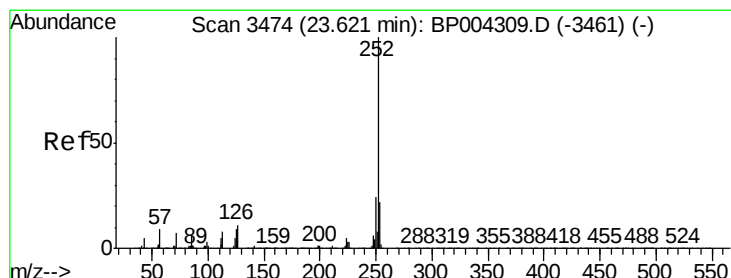
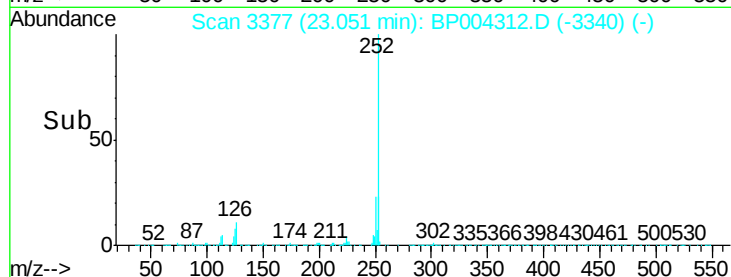
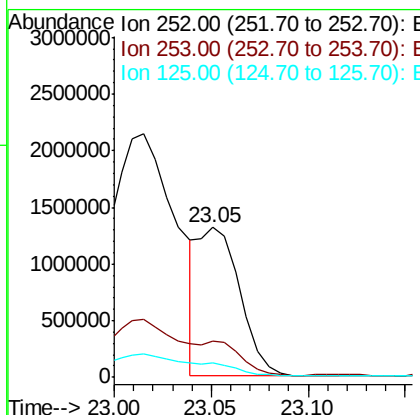
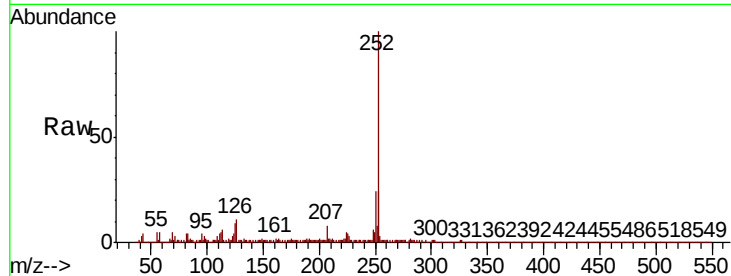
#89
Benzo(k)fluoranthene
Concen: 25.758 ng/ul m
RT: 23.05 min Scan# 3377
Delta R.T. 0.02 min
Lab File: BP004312.D
Acq: 15 Dec 2020 19:42

Instrument :
BNA_P
ClientSampled :
A54C8

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.4	26.2
125	9.4	7.3	10.9

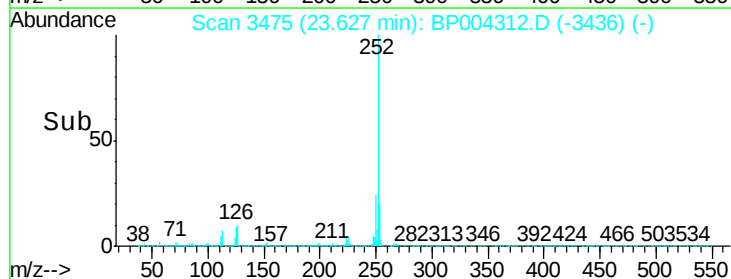
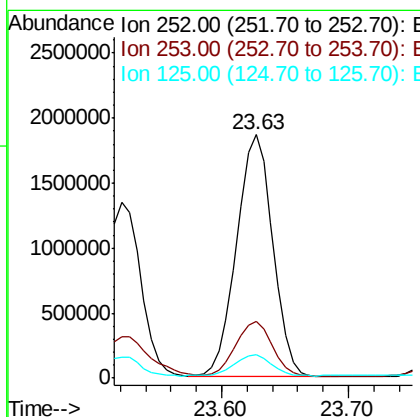
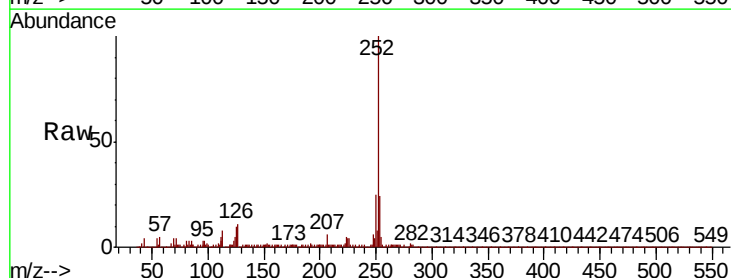
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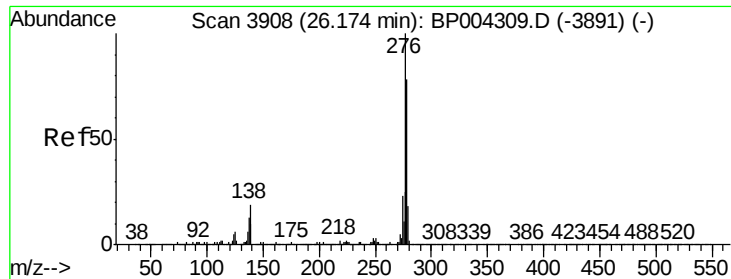
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#91
Benzo(a)pyrene
Concen: 53.953 ng/ul
RT: 23.63 min Scan# 3475
Delta R.T. 0.03 min
Lab File: BP004312.D
Acq: 15 Dec 2020 19:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.3	25.9
125	9.6	7.8	11.6





#92

Indeno(1,2,3-cd)pyrene

Concen: 30.796 ng/ul

RT: 26.18 min Scan# 3909

Delta R.T. 0.04 min

Lab File: BP004312.D

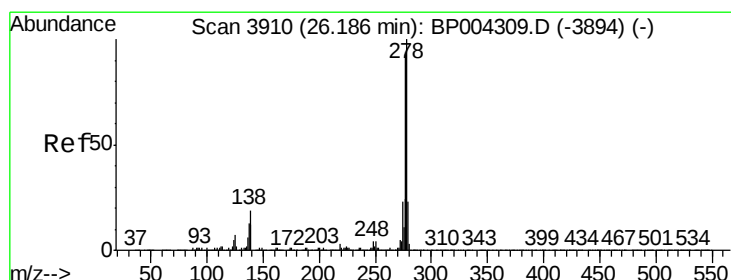
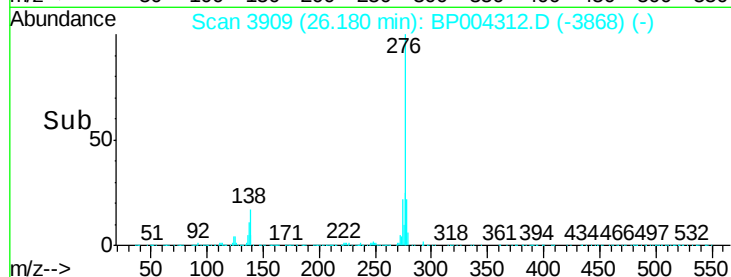
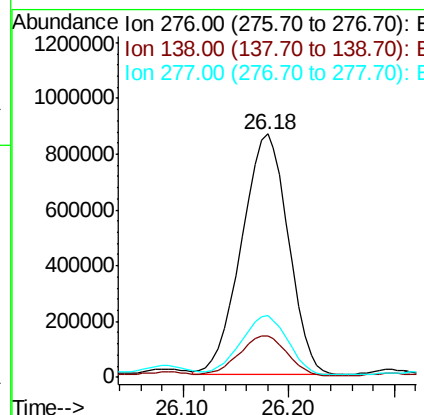
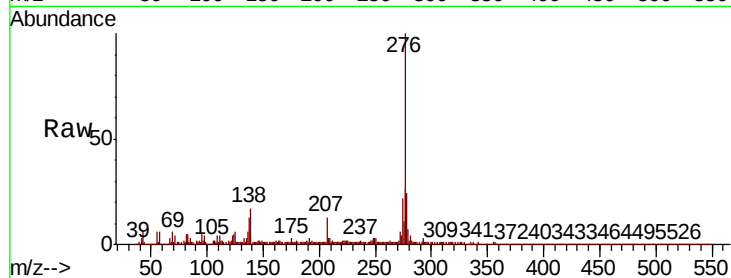
Acq: 15 Dec 2020 19:42

Instrument :
BNA_P
ClientSampled :
A54C8

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.0	17.8	26.6
277	25.5	19.8	29.6

Manual Integrations
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#93

Dibenzo(a,h)anthracene

Concen: 9.736 ng/ul

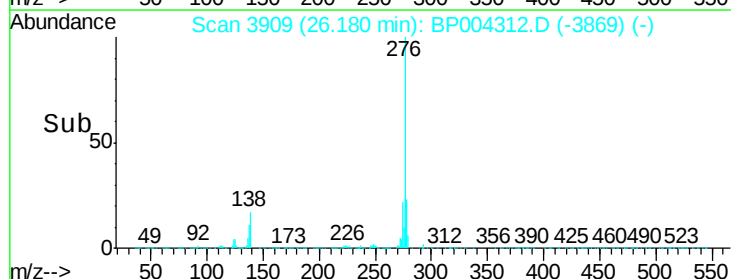
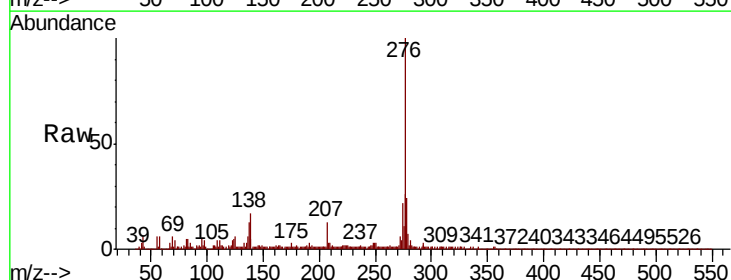
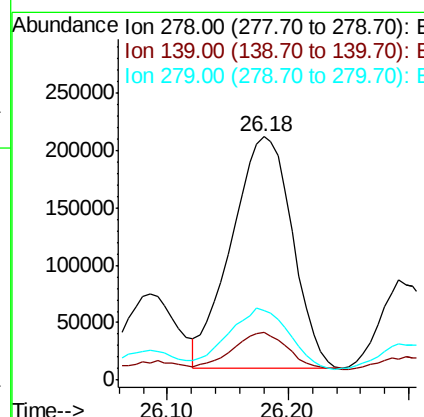
RT: 26.18 min Scan# 3909

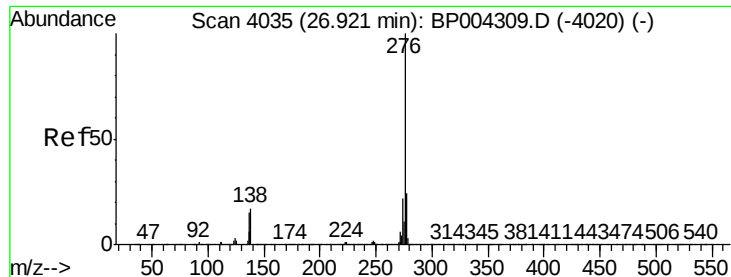
Delta R.T. 0.04 min

Lab File: BP004312.D

Acq: 15 Dec 2020 19:42

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.6	11.9	17.9#
279	28.3	18.6	28.0#





#94

Benzo(a,h,i)perylene

Concen: 28.992 ng/ul

RT: 26.93 min Scan# 4037

Delta R.T. 0.05 min

Lab File: BP004312.D

Acq: 15 Dec 2020 19:42

Instrument :

BNA_P

ClientSampleId :

A54C8

Tot Ion: 276 Resp: 2093736

Ion Ratio Lower Upper

276 100

138 17.9 16.6 25.0

277 25.1 18.5 27.7

Manual Integrations

APPROVED

mohammad

12/17/2020 9:53:06 AM

