

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
 Data File : BP004300.D
 Acq On : 15 Dec 2020 12:47
 Operator : CG/JU
 Sample : L5001-03MSD
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A54A8MSD

Manual Integrations
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mohammad
 12/17/2020 9:52:37 AM

Quant Time: Dec 15 13:43:42 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	7.83	152	318522	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	1362695	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.48	164	842161	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.25	188	1794163	20.00	ng/ul	0.00
78) Chrysene-d12	21.34	240	1794530	20.00	ng/ul	0.00
86) Perylene-d12	23.70	264	1975148	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	21469	2.37	ng/uL	0.00
5) Phenol-d5	7.00	99	469633	17.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	262682	15.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	382122	19.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	381543	19.16	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	197892	17.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	209479	22.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	397072	19.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	502346	20.02	ng/ul	0.00
44) Dimethylphthalate-d6	13.89	166	1180066	18.33	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	1536603	18.70	ng/ul	0.00
52) 4-Nitrophenol-d4	14.67	143	150269	13.82	ng/ul	0.00
58) Fluorene-d10	15.48	176	1042471	17.88	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.60	200	76444	8.88	ng/ul	0.00
71) Anthracene-d10	17.34	188	1660547	18.99	ng/ul	0.00
79) Pyrene-d10	19.59	212	1915956	20.49	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.55	264	2081579	20.01	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	7.02	94	570139	20.723	ng/ul 99
10) 2-Chlorophenol	7.40	128	378235	18.041	ng/ul 97
15) N-Nitroso-di-n-propylamine	8.63	70	291367	19.105	ng/ul 99
33) 4-Chloro-3-methylphenol	11.92	107	406832	21.069	ng/ul 98
45) Dimethylphthalate	13.93	163	207481	3.165	ng/ul 100
50) Acenaphthene	14.55	153	1032038	17.879	ng/ul 98
53) 4-Nitrophenol	14.69	109	129790	16.177	ng/ul 96
55) 2,4-Dinitrotoluene	14.85	165	339248	19.581	ng/ul 96
59) Fluorene	15.53	166	98962	1.521	ng/ul 97
69) Pentachlorophenol	16.89	266	221192	19.223	ng/ul 99
70) Phenanthrene	17.29	178	2195448	20.741	ng/ul 100
72) Anthracene	17.37	178	517948	4.946	ng/ul 99
75) Carbazole	17.65	167	140702	1.651	ng/ul 98
77) Fluoranthene	19.26	202	3606330	31.908	ng/ul 96
80) Pyrene	19.62	202	5426731	44.830	ng/ul 97
83) Benzo(a)anthracene	21.32	228	1985175	16.783	ng/ul 97
84) Bis(2-ethylhexyl)phthalate	21.25	149	207471	3.835	ng/ul 98
85) Chrysene	21.37	228	1791160	15.435	ng/ul 98
88) Benzo(b)fluoranthene	22.99	252	2423522	19.348	ng/ul 98
89) Benzo(k)fluoranthene	23.03	252	692281m	5.382	ng/ul
91) Benzo(a)pyrene	23.60	252	1777859	15.210	ng/ul 98
92) Indeno(1,2,3-cd)pyrene	26.13	276	1174431	8.012	ng/ul 96
93) Dibenzo(a,h)anthracene	26.14	278	315606	2.569	ng/ul# 93

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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)
94) Benzo(q,h,i)perylene	26.87	276	842703	6.853	ng/ul	97

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

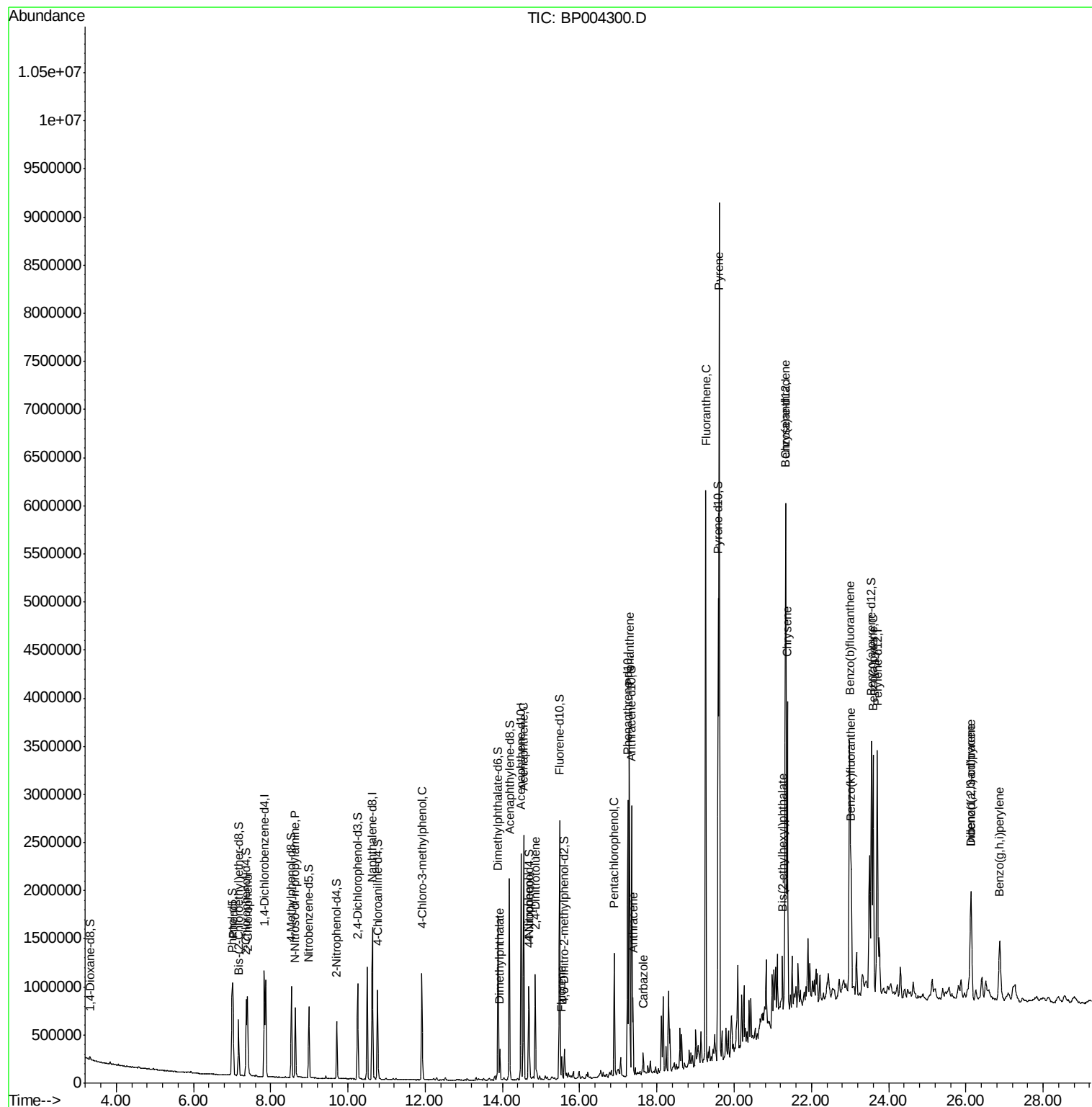
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
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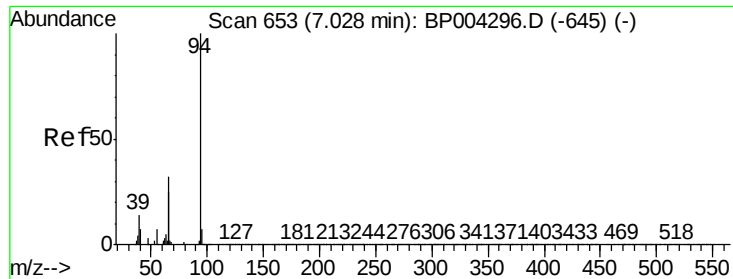
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#6

Phenol

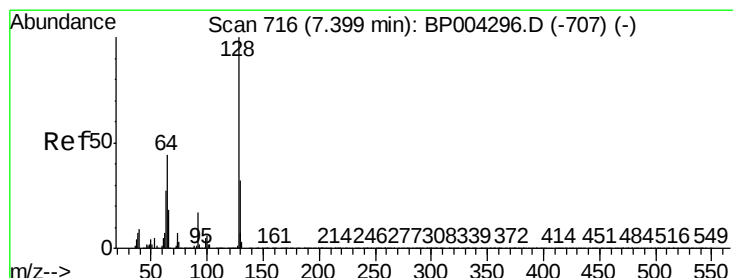
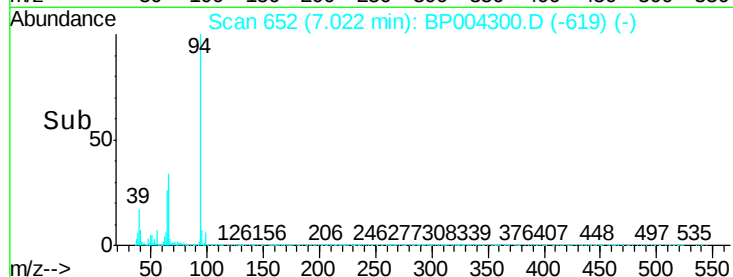
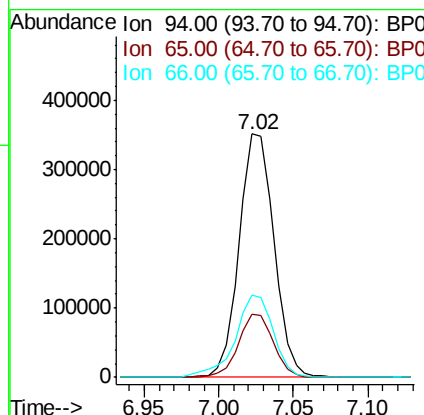
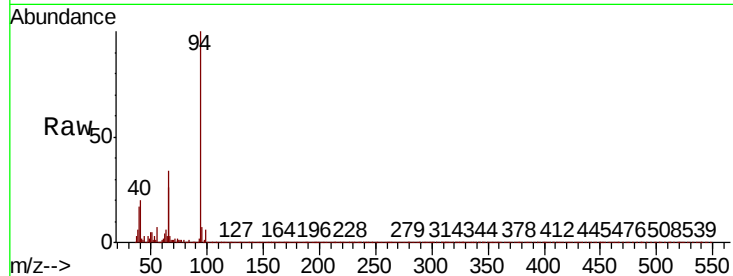
Concen: 20.723 ng/ul
 RT: 7.02 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: BP004300.D
 Acq: 15 Dec 2020 12:47

Instrument :
 BNA_P
 ClientSampleId :
 A54A8MSD

Tot Ion:	94	Resp:	570139
Ion Ratio	Lower	Upper	
94	100		
65	25.9	20.8	31.2
66	33.8	26.5	39.7

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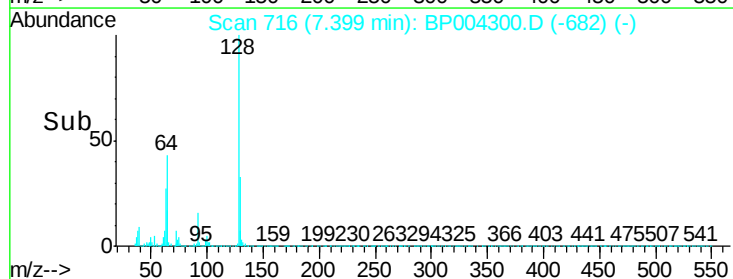
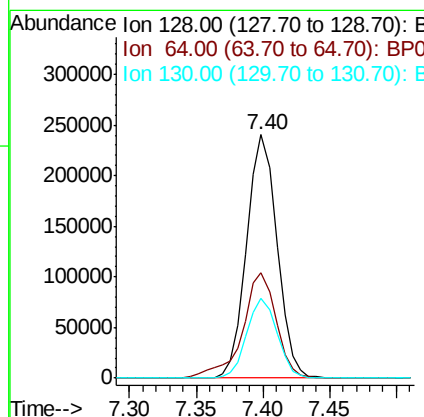
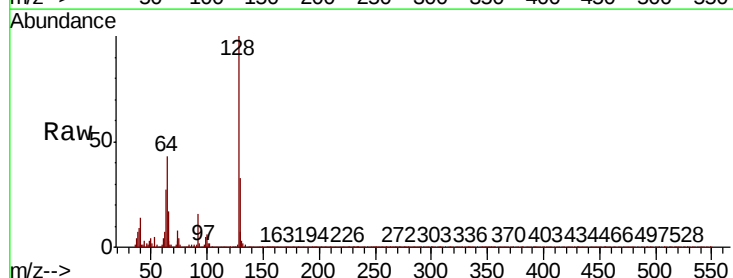


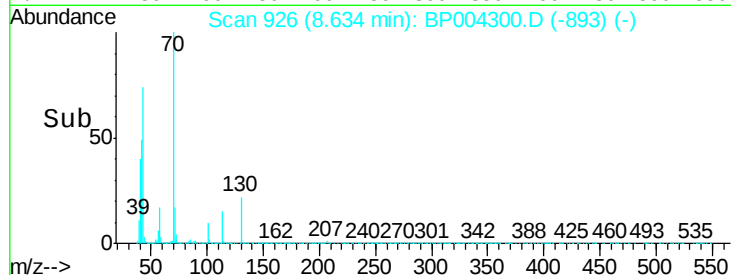
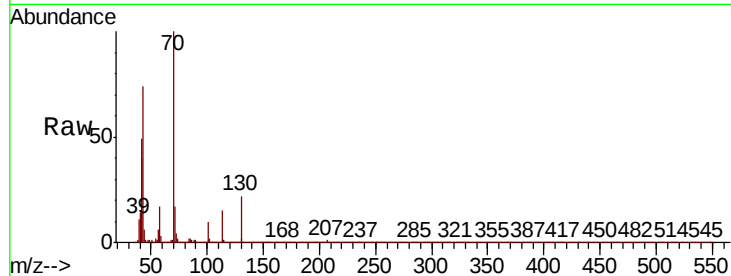
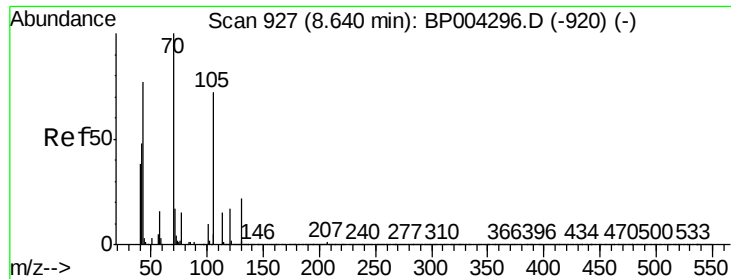
#10

2-Chlorophenol

Concen: 18.041 ng/ul
 RT: 7.40 min Scan# 716
 Delta R.T. 0.00 min
 Lab File: BP004300.D
 Acq: 15 Dec 2020 12:47

Tgt Ion:	128	Resp:	378235
Ion Ratio	Lower	Upper	
128	100		
64	43.4	36.9	55.3
130	33.0	25.9	38.9





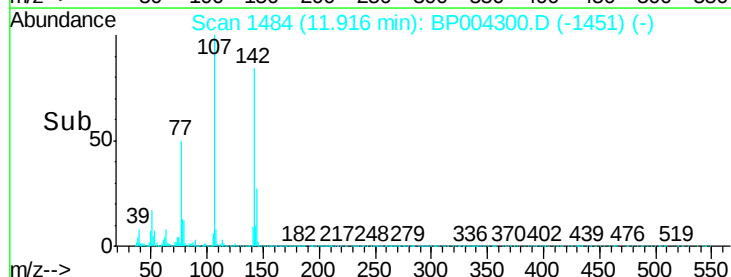
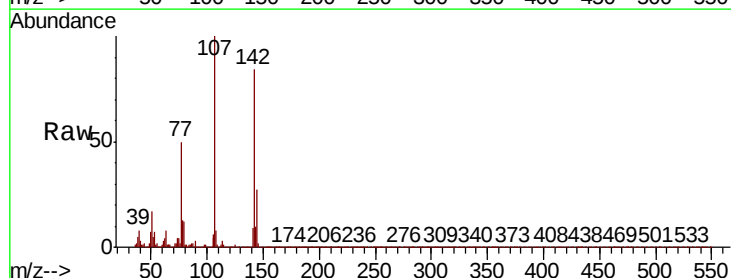
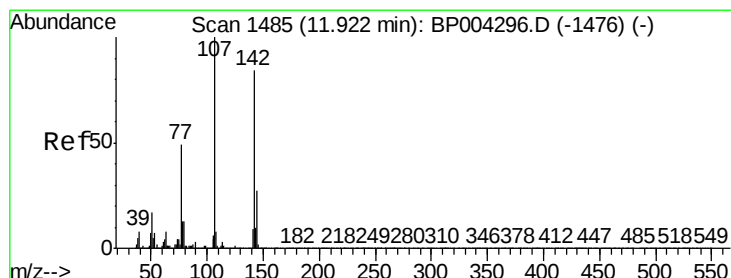
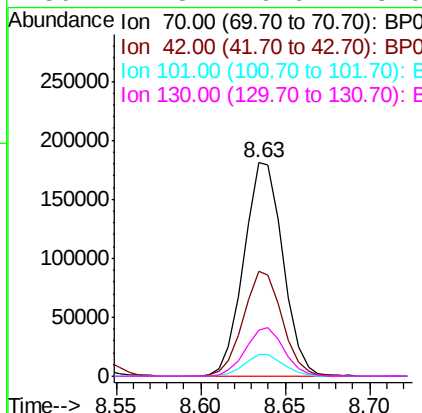
#15
N-Nitroso-di-n-propylamine
Concen: 19.105 ng/ul
RT: 8.63 min Scan# 926
Delta R.T. -0.01 min
Lab File: BP004300.D
Acq: 15 Dec 2020 12:47

Instrument :
BNA_P
ClientSampleId :
A54A8MSD

Tot Ion	Ion	Ratio	Lower	Upper
291367	70	100		
	42	49.0	39.0	58.6
	101	10.1	7.6	11.4
	130	21.8	16.6	25.0

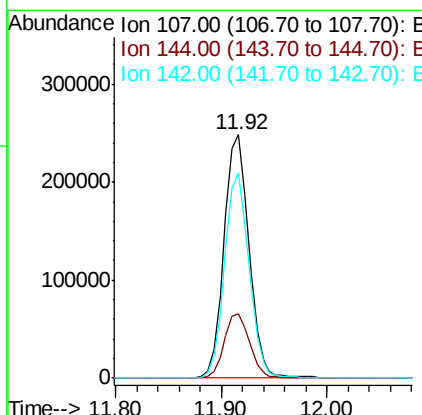
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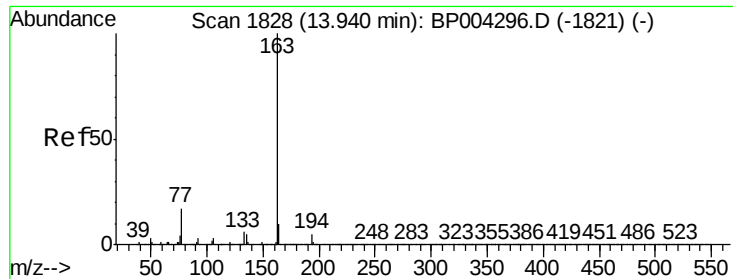
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#33
4-Chloro-3-methylphenol
Concen: 21.069 ng/ul
RT: 11.92 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BP004300.D
Acq: 15 Dec 2020 12:47

Tgt Ion	Ion	Ratio	Lower	Upper
406832	107	100		
	144	26.5	22.0	33.0
	142	84.1	66.2	99.2





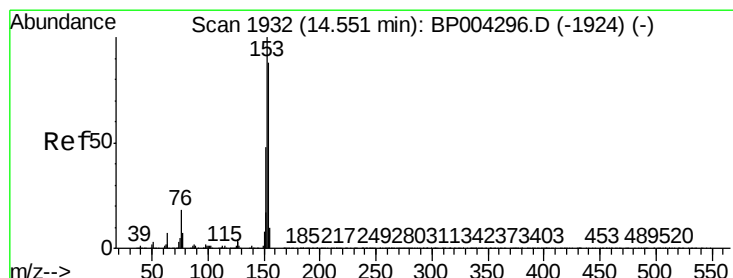
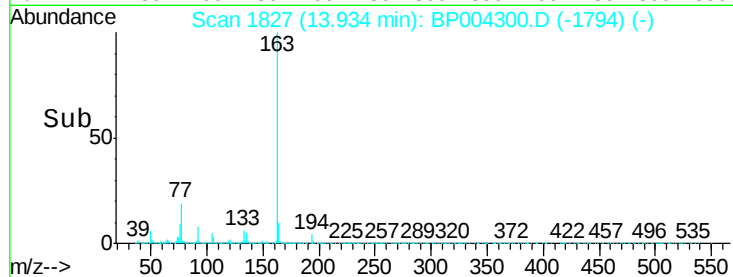
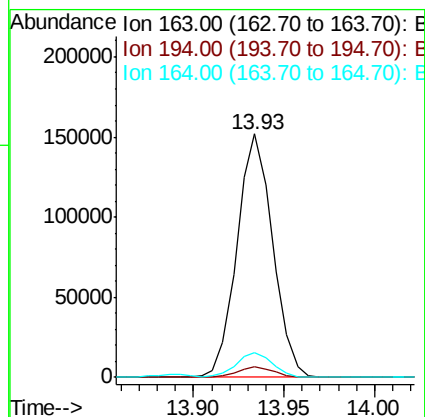
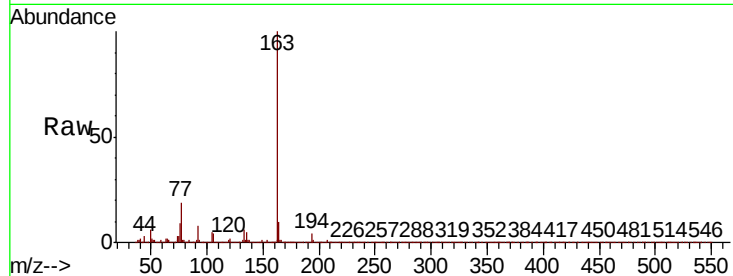
#45
Dimethylphthalate
Concen: 3.165 ng/ul
RT: 13.93 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BP004300.D
Acq: 15 Dec 2020 12:47

Instrument :
BNA_P
ClientSampleId :
A54A8MSD

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.4	8.4	12.6

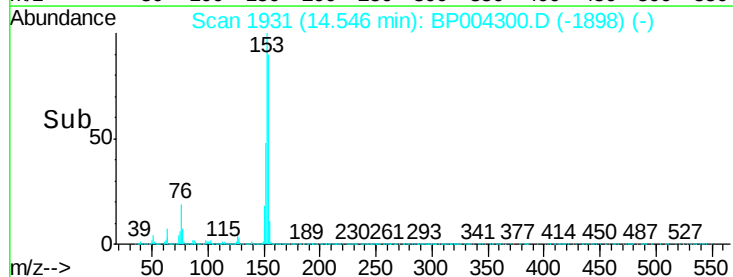
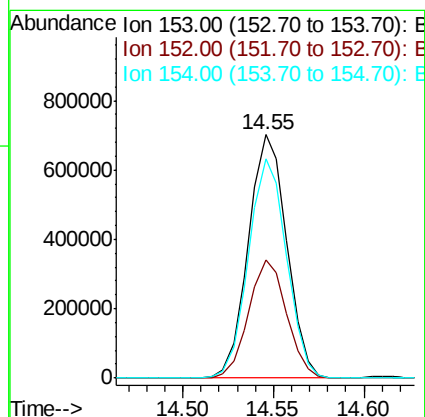
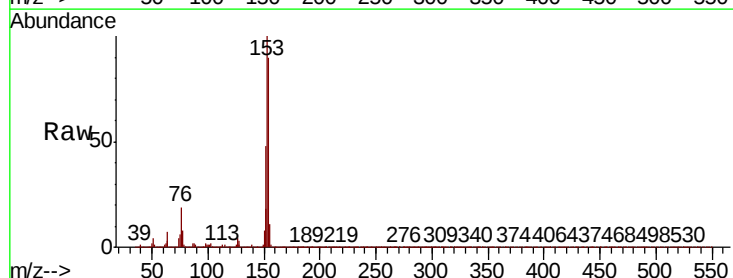
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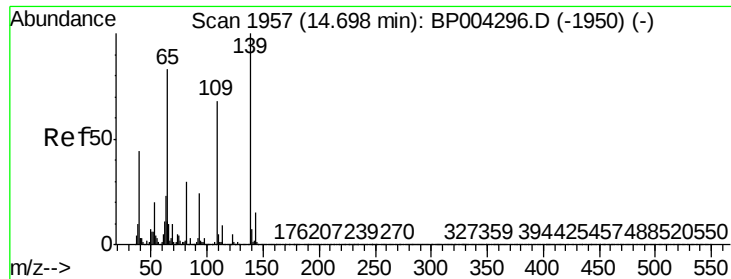
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#50
Acenaphthene
Concen: 17.879 ng/ul
RT: 14.55 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BP004300.D
Acq: 15 Dec 2020 12:47

Tgt Ion	Ratio	Lower	Upper
153	100		
152	48.4	37.8	56.6
154	89.9	69.8	104.8





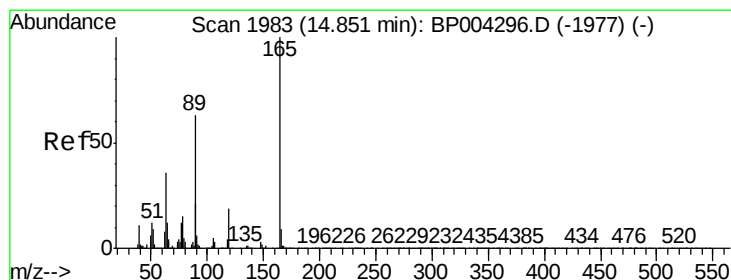
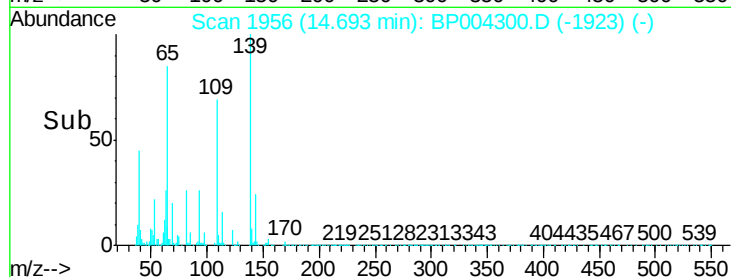
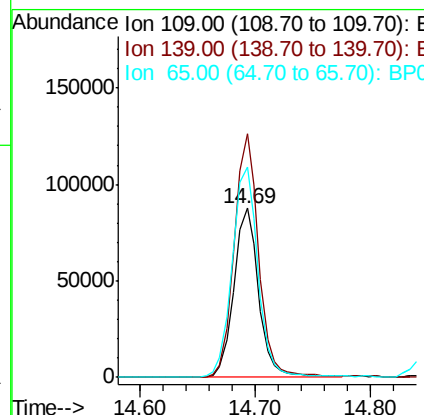
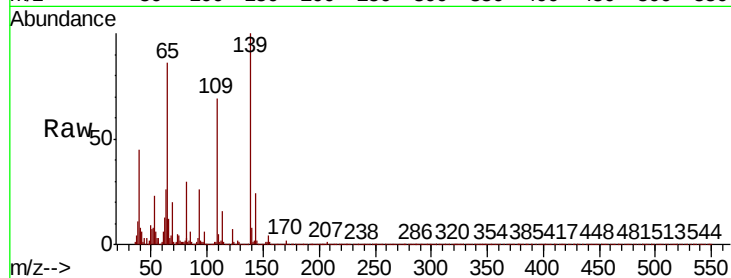
#53
4-Nitrophenol
Concen: 16.177 ng/ul
RT: 14.69 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BP004300.D
Acq: 15 Dec 2020 12:47

Instrument :
BNA_P
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
109	100	129790		
139	144.2	113.5	170.3	
65	124.4	105.1	157.7	

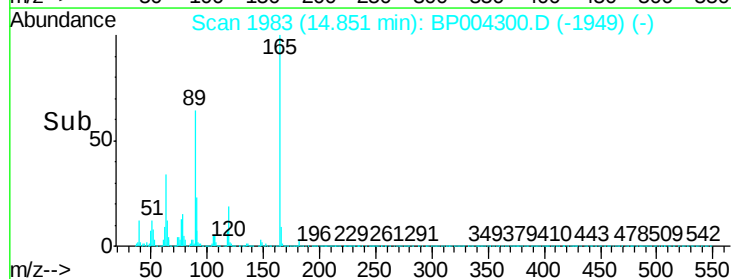
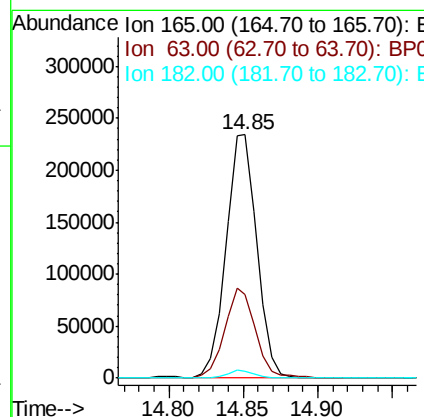
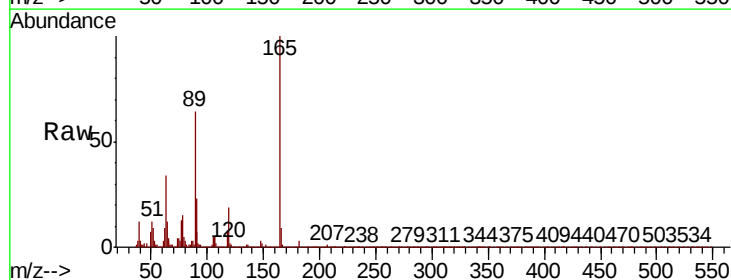
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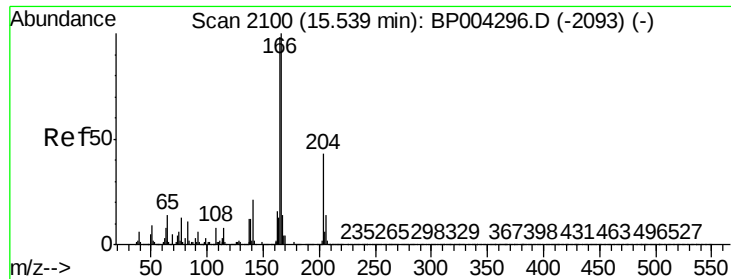
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#55
2,4-Dinitrotoluene
Concen: 19.581 ng/ul
RT: 14.85 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BP004300.D
Acq: 15 Dec 2020 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	339248		
63	34.4	29.4	44.2	
182	3.0	2.6	3.8	





#59

Fluorene

Concen: 1.521 ng/ul

RT: 15.53 min Scan# 2099

Delta R.T. -0.01 min

Lab File: BP004300.D

Acq: 15 Dec 2020 12:47

Instrument :

BNA_P

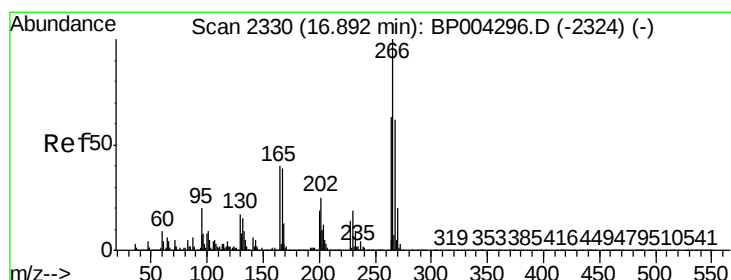
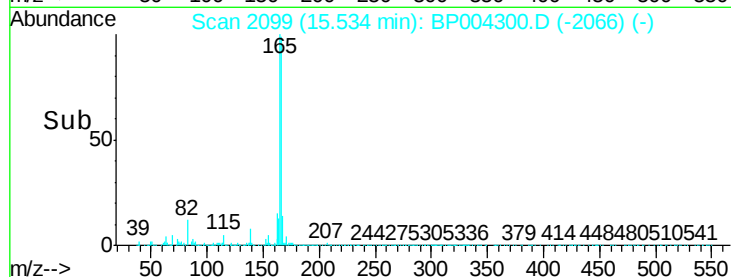
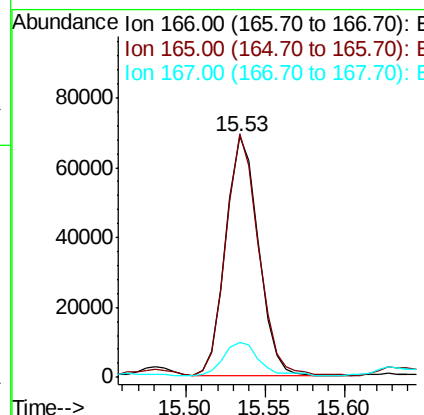
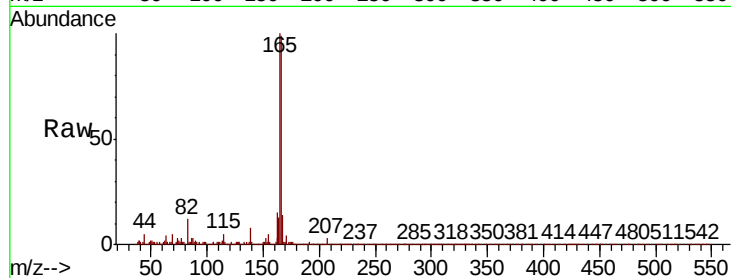
ClientSampleId :

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Tot Ion:	166	Resp:	98962
Ion Ratio	Lower	Upper	
166	100		
165	101.1	78.2	117.2
167	14.4	10.8	16.2

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#69

Pentachlorophenol

Concen: 19.223 ng/ul

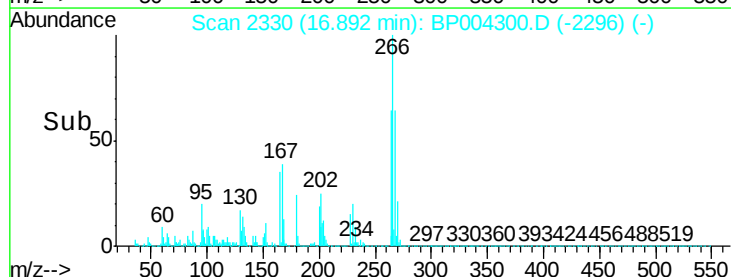
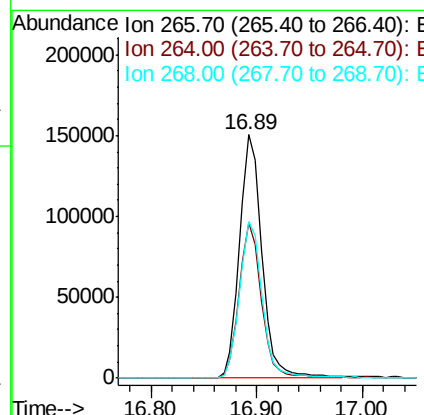
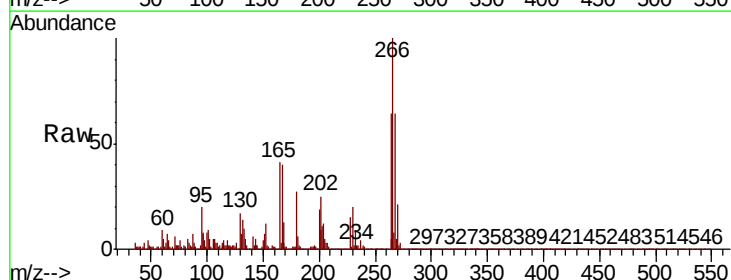
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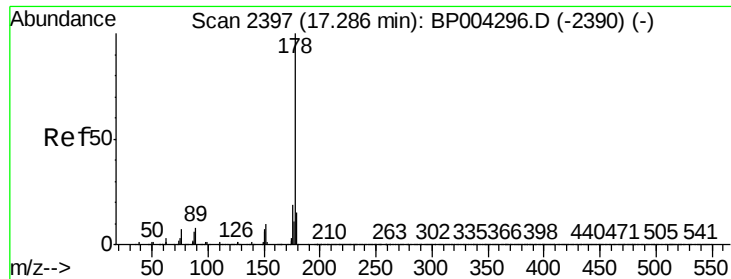
Delta R.T. 0.00 min

Lab File: BP004300.D

Acq: 15 Dec 2020 12:47

Tgt Ion:	266	Resp:	221192
Ion Ratio	Lower	Upper	
266	100		
264	63.6	49.8	74.6
268	64.5	52.0	78.0





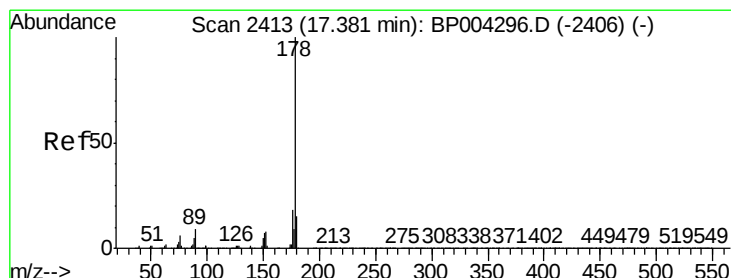
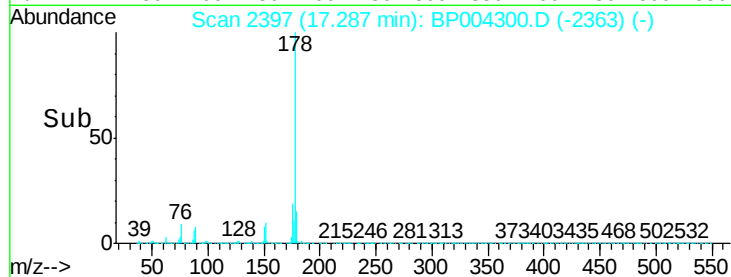
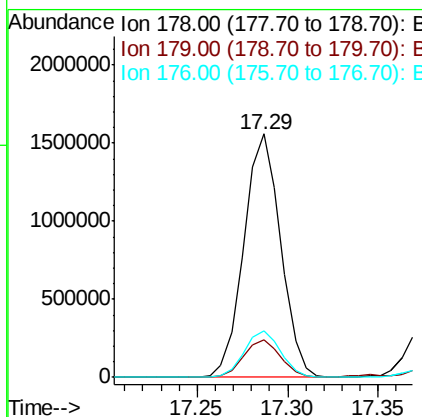
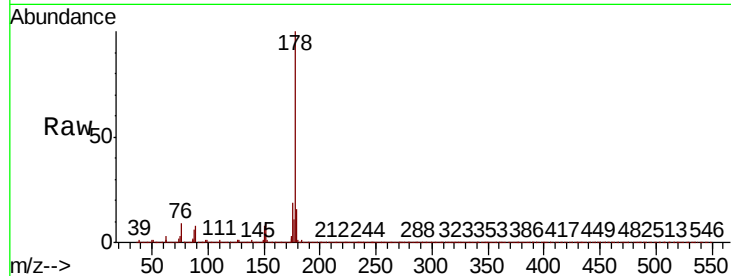
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Phenanthrene
Concen: 20.741 ng/ul
RT: 17.29 min Scan# 2397
Delta R.T. 0.00 min
Lab File: BP004300.D
Acq: 15 Dec 2020 12:47

Instrument :
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Tot Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.4	18.6
176	19.0	15.4	23.0

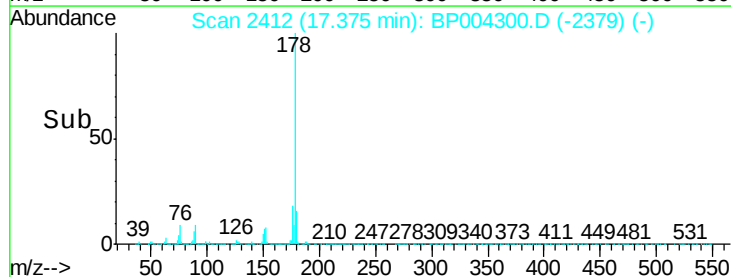
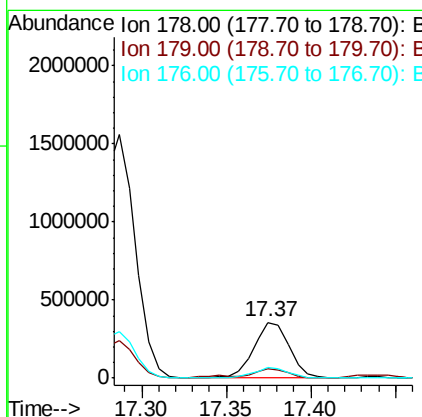
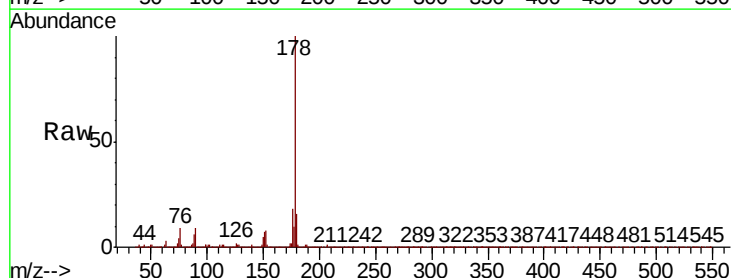
Manual Integrations
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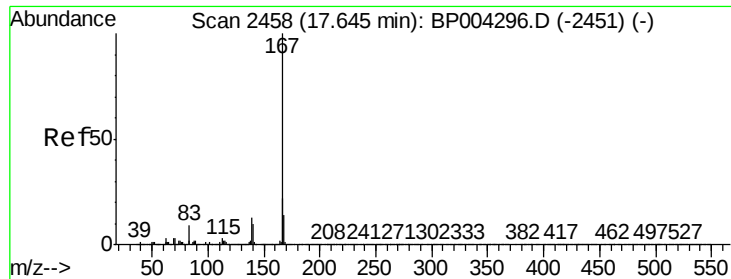
mohammad
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#72
Anthracene
Concen: 4.946 ng/ul
RT: 17.37 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BP004300.D
Acq: 15 Dec 2020 12:47

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.3	18.5
176	18.1	14.9	22.3





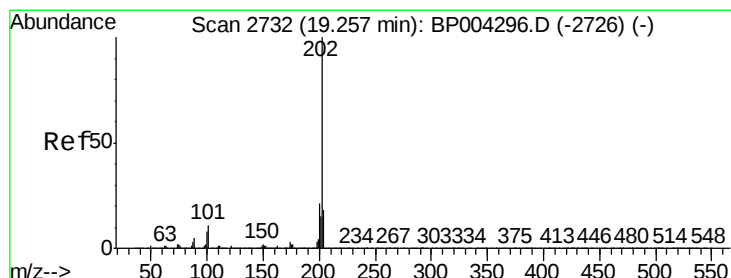
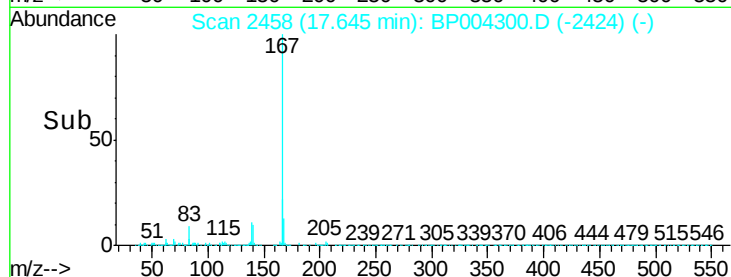
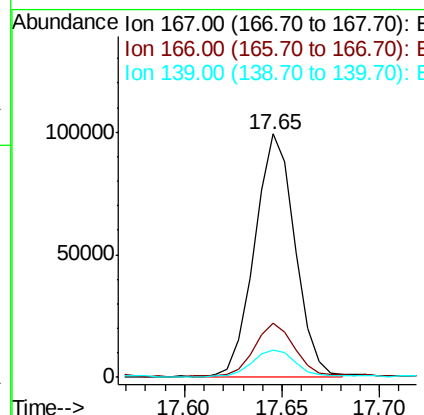
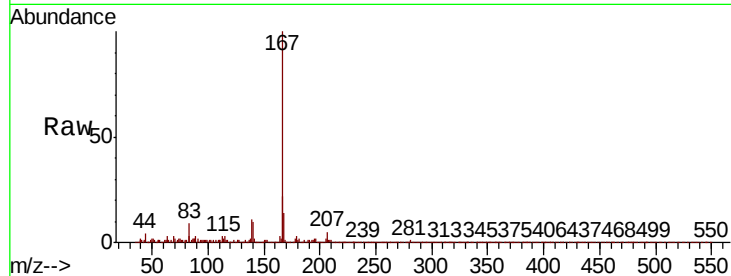
#75
 Carbazole
 Concen: 1.651 ng/ul
 RT: 17.65 min Scan# 2458
 Delta R.T. 0.00 min
 Lab File: BP004300.D
 Acq: 15 Dec 2020 12:47

Instrument :
 BNA_P
 ClientSampleId :
 A54A8MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.1	25.7
139	11.1	9.8	14.6

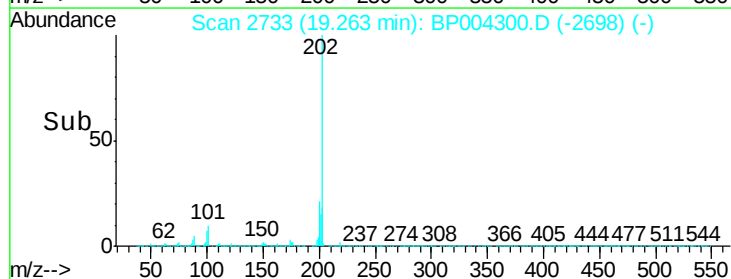
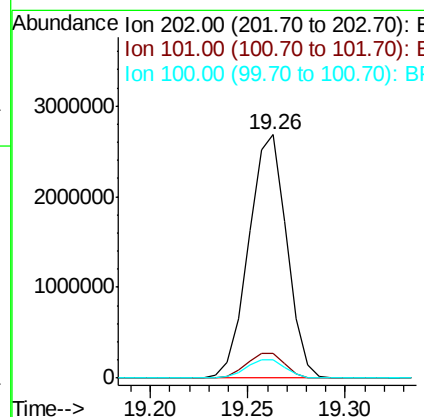
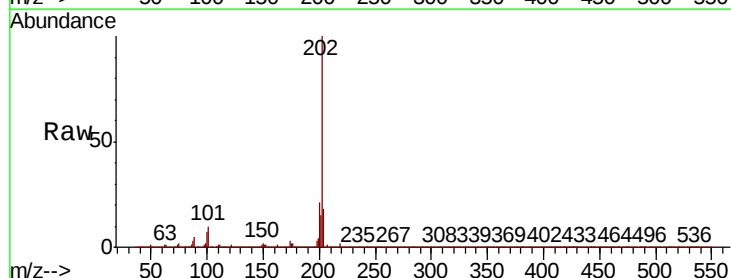
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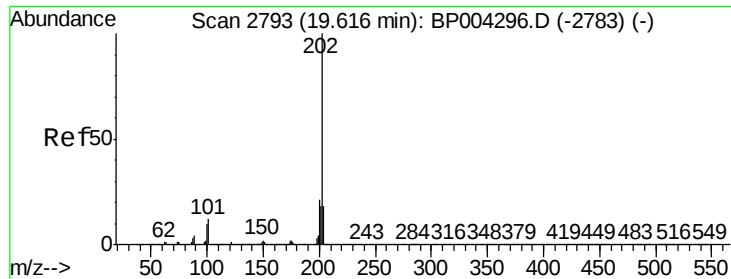
mohammad
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#77
 Fluoranthene
 Concen: 31.908 ng/ul
 RT: 19.26 min Scan# 2733
 Delta R.T. 0.01 min
 Lab File: BP004300.D
 Acq: 15 Dec 2020 12:47

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.1	9.1	13.7
100	7.5	7.1	10.7





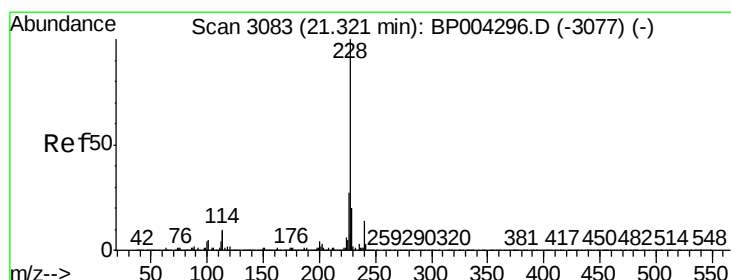
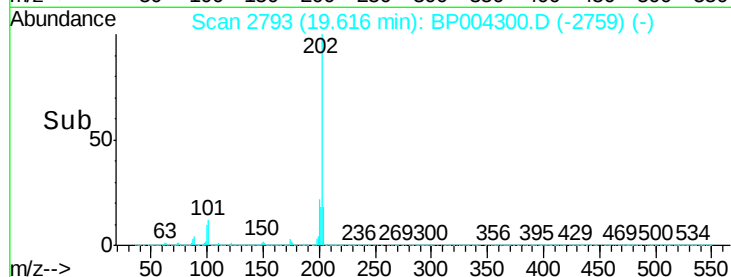
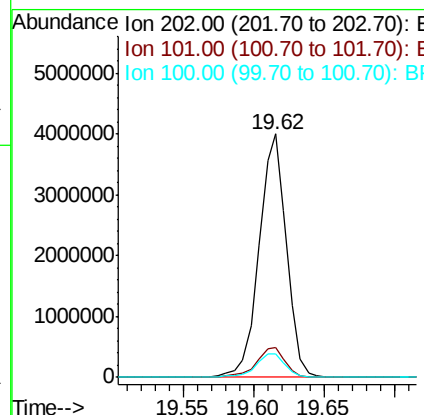
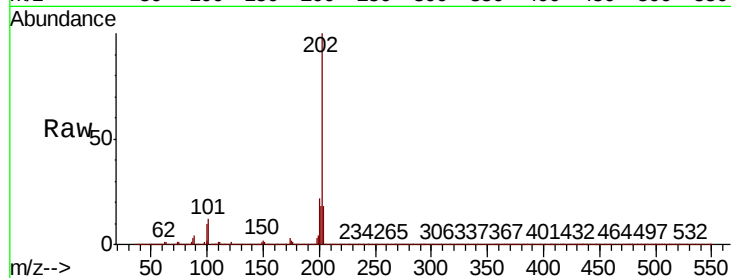
#80
Pvrene
Concen: 44.830 ng/ul
RT: 19.62 min Scan# 2793
Delta R.T. 0.00 min
Lab File: BP004300.D
Acq: 15 Dec 2020 12:47

Instrument :
BNA_P
ClientSampleId :
A54A8MSD

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

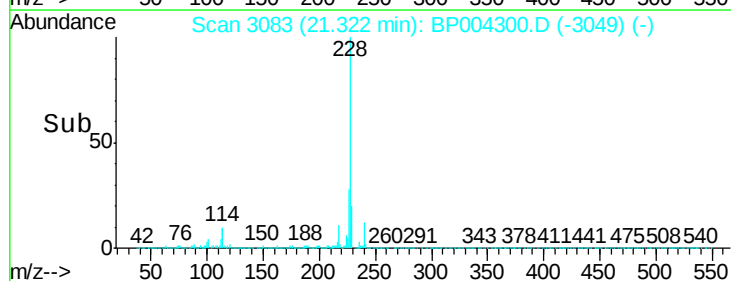
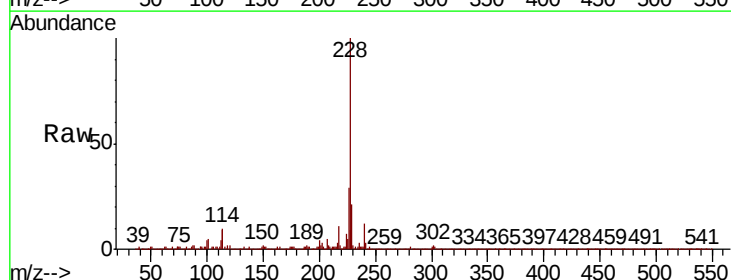
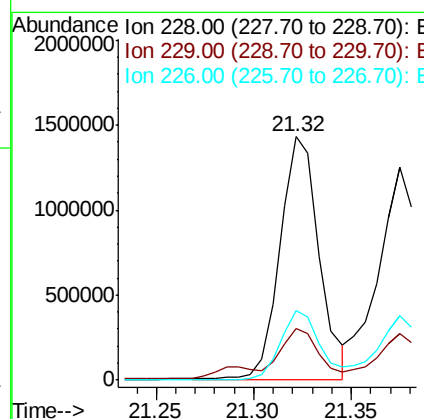
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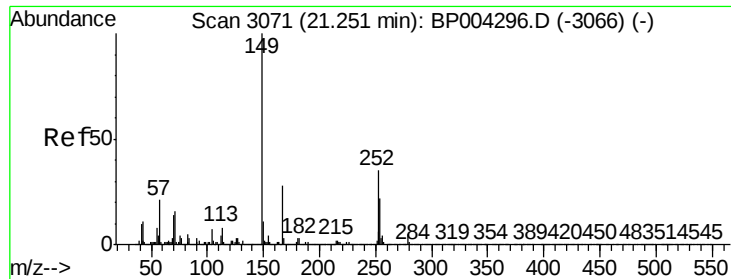
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#83
Benzo(a)anthracene
Concen: 16.783 ng/ul
RT: 21.32 min Scan# 3083
Delta R.T. 0.00 min
Lab File: BP004300.D
Acq: 15 Dec 2020 12:47

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.8	23.8
226	28.6	21.7	32.5





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.835 ng/ul

RT: 21.25 min Scan# 3071

Delta R.T. 0.00 min

Lab File: BP004300.D

Acq: 15 Dec 2020 12:47

Instrument :

BNA_P

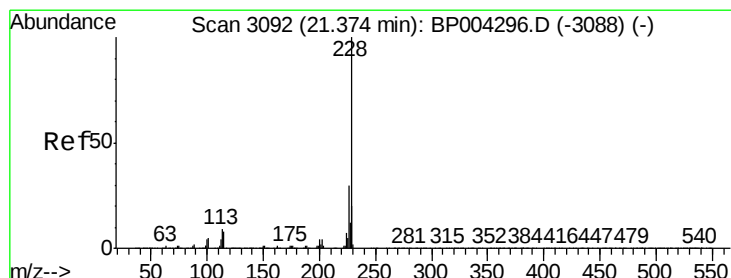
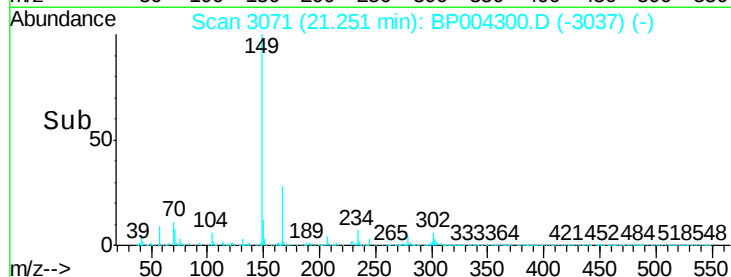
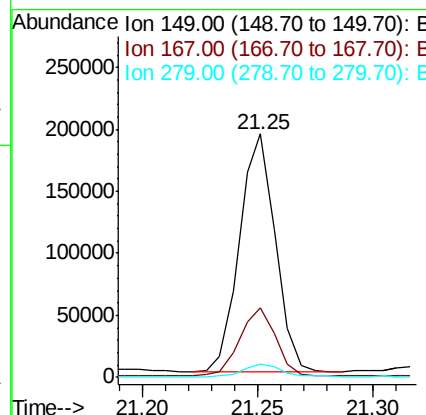
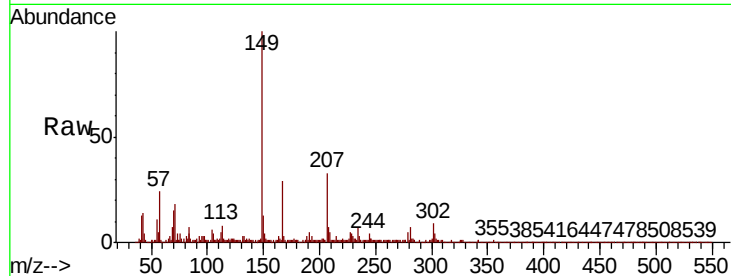
ClientSampleId :

A54A8MSD

Tot Ion:	149	Resp:	207471
Ion Ratio	Lower	Upper	
149	100		
167	28.7	22.2	33.4
279	5.2	3.6	5.4

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#85

Chrysene

Concen: 15.435 ng/ul

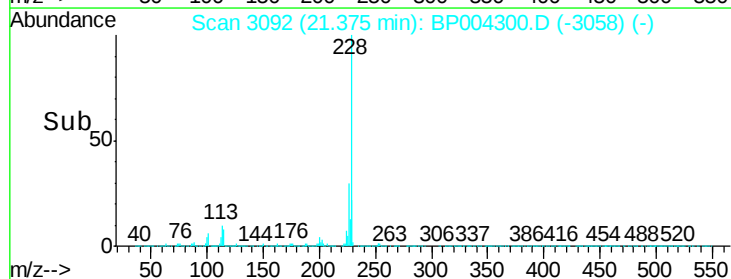
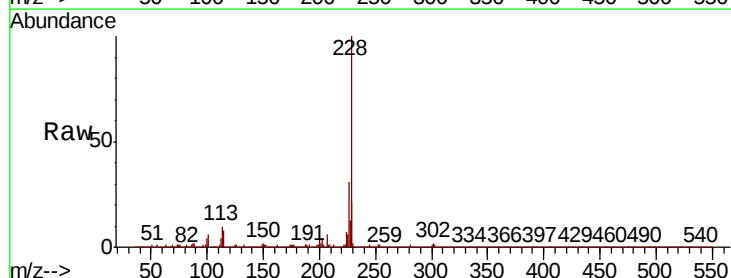
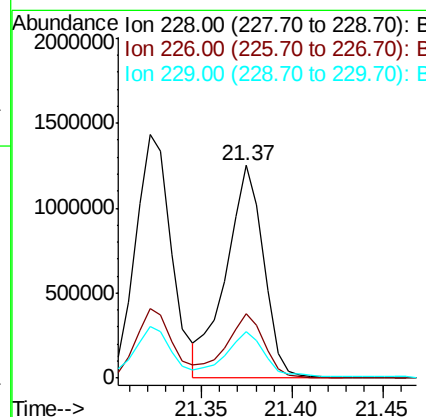
RT: 21.37 min Scan# 3092

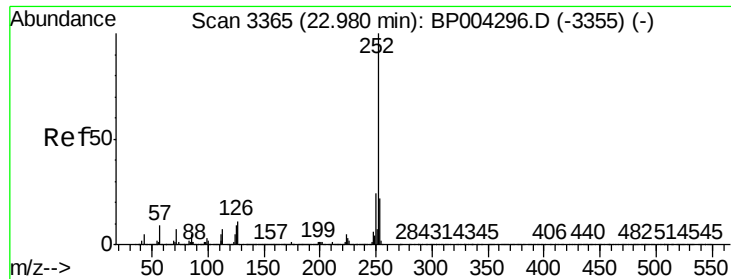
Delta R.T. 0.00 min

Lab File: BP004300.D

Acq: 15 Dec 2020 12:47

Tgt Ion:	228	Resp:	1791160
Ion Ratio	Lower	Upper	
228	100		
226	30.6	24.2	36.2
229	22.1	15.8	23.8





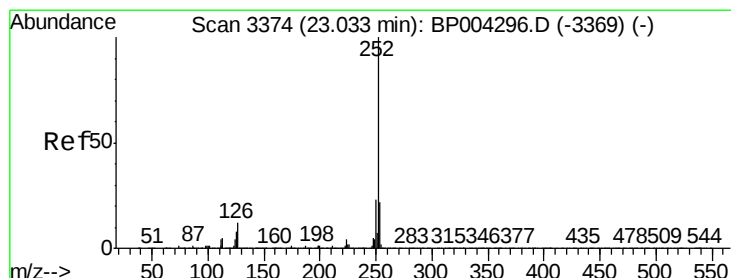
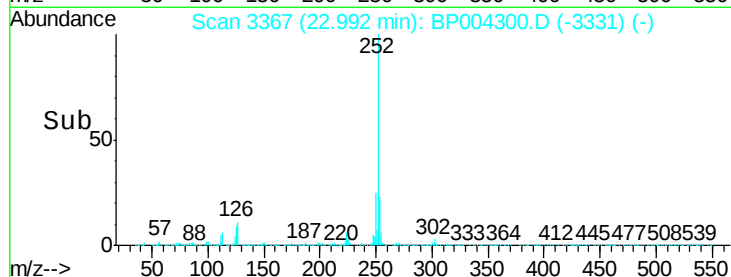
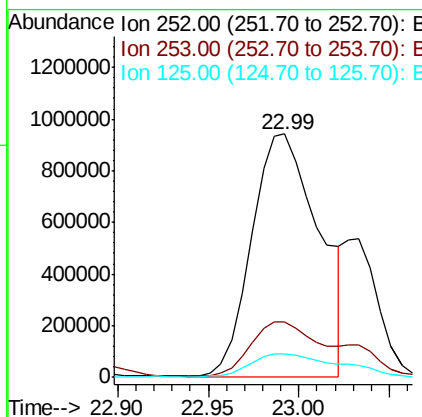
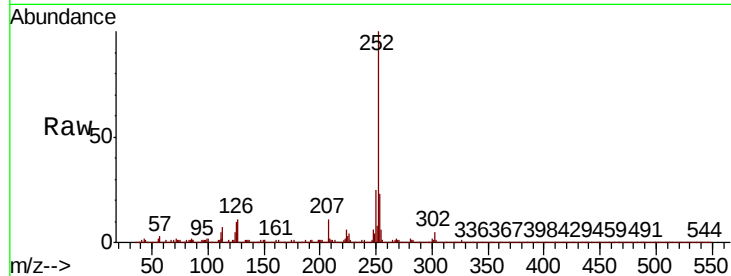
#88
Benzo(b)fluoranthene
Concen: 19.348 ng/ul
RT: 22.99 min Scan# 3367
Delta R.T. 0.01 min
Lab File: BP004300.D
Acq: 15 Dec 2020 12:47

Instrument :
BNA_P
ClientSampled :
A54A8MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.6	26.4
125	9.7	7.7	11.5

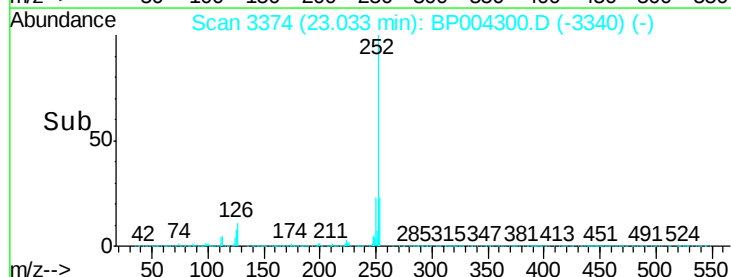
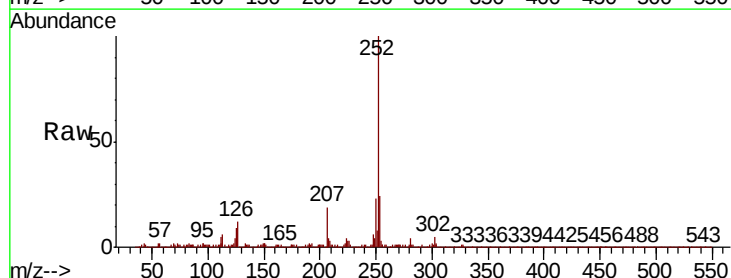
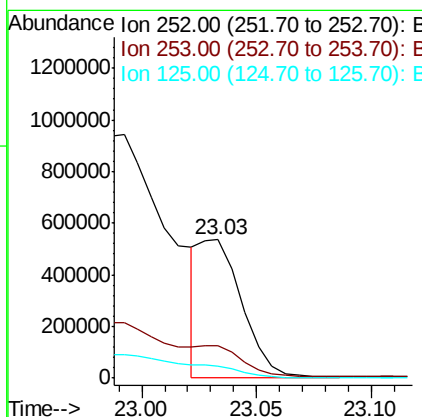
Manual Integrations
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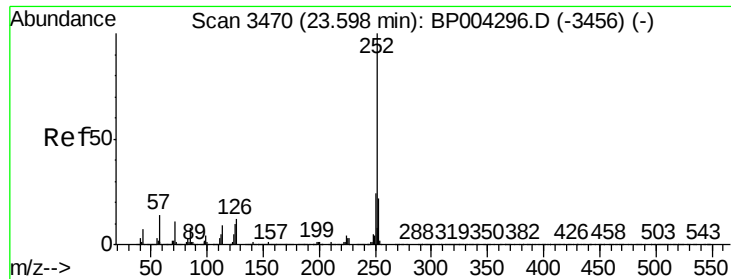
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#89
Benzo(k)fluoranthene
Concen: 5.382 ng/ul m
RT: 23.03 min Scan# 3374
Delta R.T. 0.00 min
Lab File: BP004300.D
Acq: 15 Dec 2020 12:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.4	26.2
125	9.0	7.3	10.9





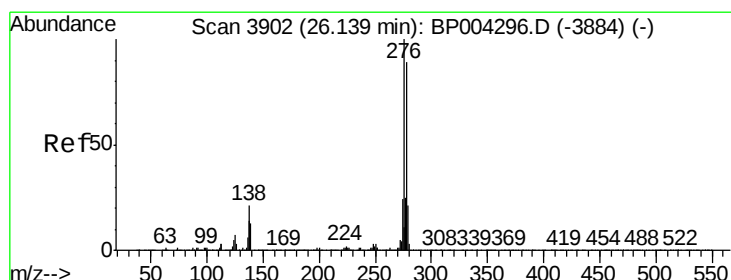
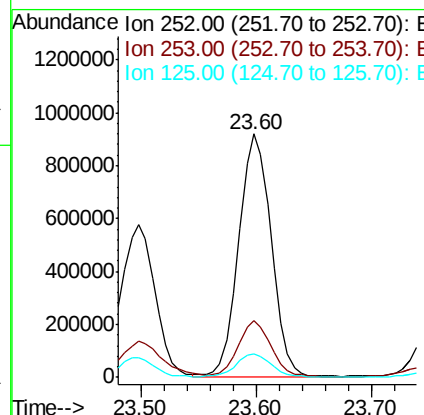
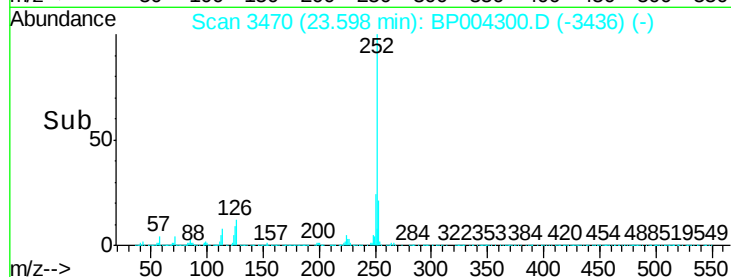
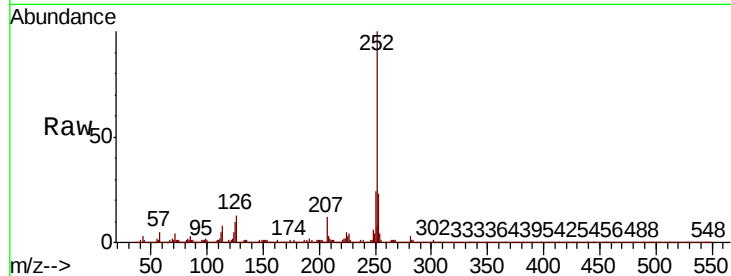
#91
Benzo(a)pyrene
Concen: 15.210 ng/ul
RT: 23.60 min Scan# 3470
Delta R.T. 0.00 min
Lab File: BP004300.D
Acq: 15 Dec 2020 12:47

Instrument :
BNA_P
ClientSampleId :
A54A8MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.3	25.9
125	9.8	7.8	11.6

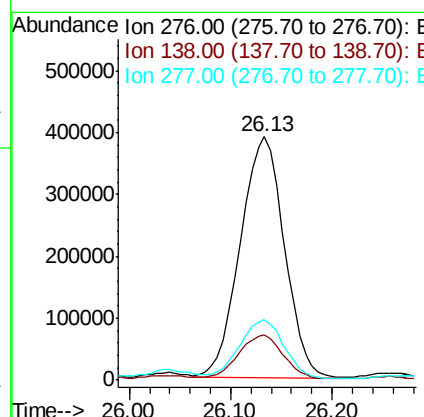
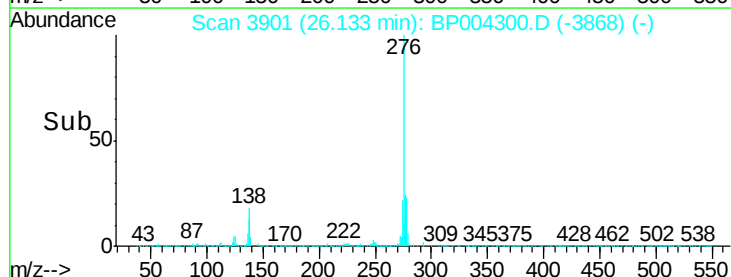
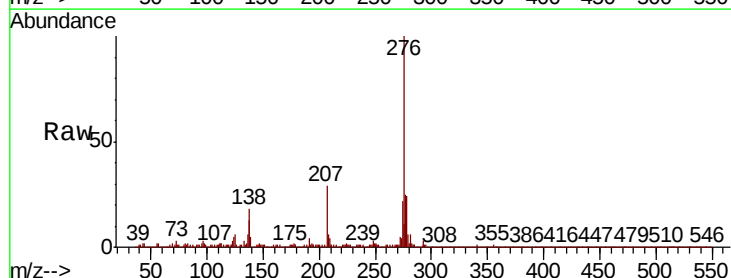
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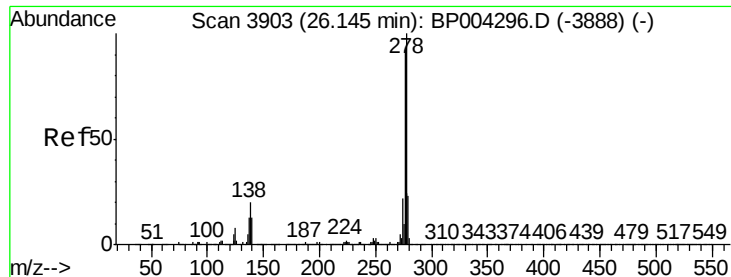
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#92
Indeno(1,2,3-cd)pyrene
Concen: 8.012 ng/ul
RT: 26.13 min Scan# 3901
Delta R.T. -0.01 min
Lab File: BP004300.D
Acq: 15 Dec 2020 12:47

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.4	17.8	26.6
277	25.0	19.8	29.6





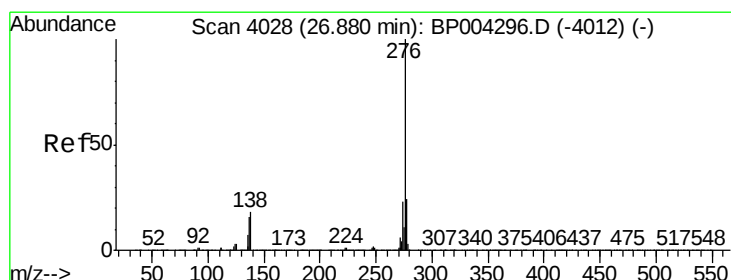
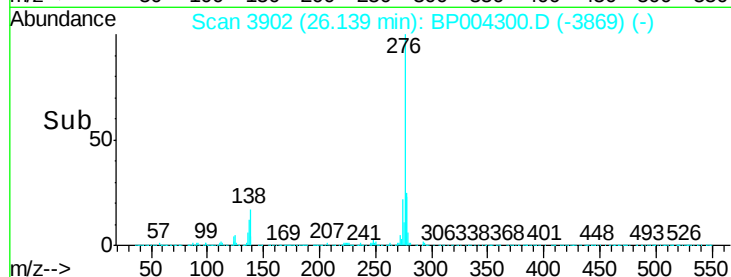
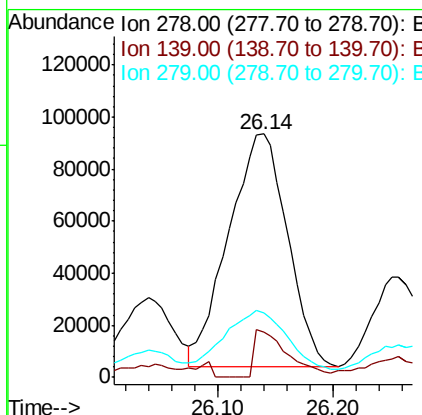
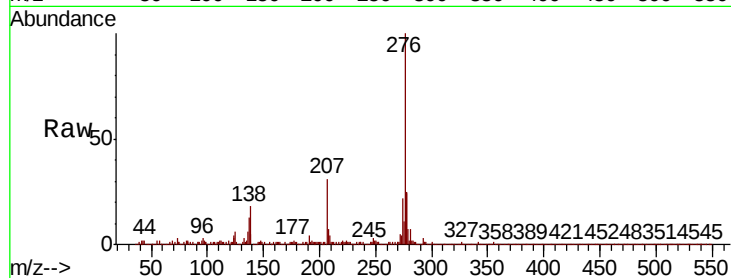
#93
Dibenzo(a,h)anthracene
Concen: 2.569 ng/ul
RT: 26.14 min Scan# 3902
Delta R.T. -0.01 min
Lab File: BP004300.D
Acq: 15 Dec 2020 12:47

Instrument :
BNA_P
ClientSampleId :
A54A8MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.4	11.9	17.9#
279	26.2	18.6	28.0

Manual Integrations
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#94
Benzo(g,h,i)perylene
Concen: 6.853 ng/ul
RT: 26.87 min Scan# 4027
Delta R.T. -0.01 min
Lab File: BP004300.D
Acq: 15 Dec 2020 12:47

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.0	16.6	25.0
277	24.4	18.5	27.7

