

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
 Data File : BP014963.D
 Acq On : 04 May 2023 21:08
 Operator : CG/JU
 Sample : 02447-19MSD 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW937MSD

Quant Time: May 05 00:47:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 04 11:40:49 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/05/2023
 Supervised By :Jagrut Upadhyay 05/05/2023

05/05/2023
 Supervised By :Jagrut
 Upadhyay

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.163	152	329751	20.000	ng/u1	0.00
20) Naphthalene-d8	10.999	136	1224465	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.810	164	599792	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.563	188	1072408	20.000	ng/u1	0.00
79) Chrysene-d12	21.645	240	1088964	20.000	ng/u1	0.00
88) Perylene-d12	24.245	264	1365036	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.464	96	1958	0.221	ng/uL	0.00
4) Pyridine-d5	3.928	84	10708m	0.442	ng/u1	0.03
7) Phenol-d5	7.305	99	30066	1.052	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.481	67	19721	1.116	ng/u1	0.00
11) 2-Chlorophenol-d4	7.687	132	25143	1.196	ng/u1	0.00
15) 4-Methylphenol-d8	8.875	113	22201	1.008	ng/u1	0.00
21) Nitrobenzene-d5	9.340	128	11168	1.282	ng/u1	0.00
24) 2-Nitrophenol-d4	10.069	143	10838	1.212	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.610	165	22044	1.255	ng/u1	0.00
31) 4-Chloroaniline-d4	11.134	131	16124	0.635	ng/u1	0.00
46) Dimethylphthalate-d6	14.204	166	61297	1.444	ng/u1	0.00
49) Acenaphthylene-d8	14.504	160	69016	1.356	ng/u1	0.00
54) 4-Nitrophenol-d4	14.987	143	3841m	0.520	ng/u1	0.00
60) Fluorene-d10	15.798	176	49347	1.351	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.916	200	2362	0.391	ng/u1	0.00
73) Anthracene-d10	17.663	188	72178	1.498	ng/u1	0.00
81) Pyrene-d10	19.881	212	91281	1.243	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.074	264	104575	1.572	ng/u1	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	7.293	77	26172m	3.348	ng/u1	
8) Phenol	7.334	94	47766	1.591	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.575	93	36529	1.464	ng/u1	98
12) 2-Chlorophenol	7.722	128	35958	1.579	ng/u1	98
13) 2-Methylphenol	8.605	108	33365	1.491	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.699	45	46526	1.470	ng/u1	98
16) Acetophenone	8.999	105	57161	1.587	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.975	70	26287	1.432	ng/u1	98
18) 4-Methylphenol	8.934	108	37118	1.500	ng/u1	100
19) Hexachloroethane	9.263	117	15654	1.584	ng/u1	99
22) Nitrobenzene	9.381	77	36299	1.586	ng/u1	98
23) Isophorone	9.910	82	71240	1.575	ng/u1	99
25) 2-Nitrophenol	10.099	139	14817	1.441	ng/u1	93
26) 2,4-Dimethylphenol	10.152	107	36597	1.640	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.393	93	44162	1.528	ng/u1	99
29) 2,4-Dichlorophenol	10.634	162	30173	1.661	ng/u1	94
30) Naphthalene	11.052	128	171373	2.546	ng/u1	99
33) Hexachlorobutadiene	11.334	225	21637	1.846	ng/u1	90
34) Caprolactam	11.916	113	7843m	1.402	ng/u1	
35) 4-Chloro-3-methylphenol	12.263	107	28120	1.506	ng/u1	100
36) 2-Methylnaphthalene	12.646	142	91288	2.193	ng/u1	100
37) 1-Methylnaphthalene	12.863	142	95682	2.230	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	13.010	216	37589	2.009	ng/u1	95
41) 2,4,6-Trichlorophenol	13.246	196	21489	1.864	ng/u1	99

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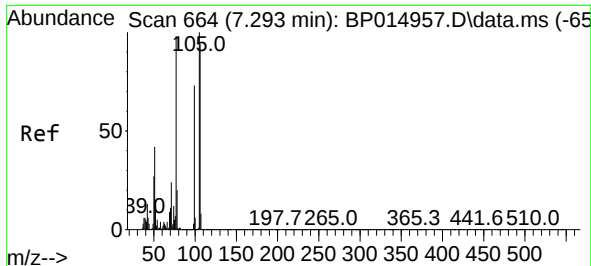
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 Supervised By : Jagrut Upadhyay 05/05/2023

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 Upadhyay

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,5-Trichlorophenol	13.316	196	21197	1.706	ng/ul	94
43) 1,1'-Biphenyl	13.646	154	97885	2.041	ng/ul	99
44) 2-Chloronaphthalene	13.687	162	70245	1.881	ng/ul	98
45) 2-Nitroaniline	13.887	65	13432	1.544	ng/ul	85
47) Dimethylphthalate	14.251	163	81885	1.835	ng/ul	99
48) 2,6-Dinitrotoluene	14.375	165	11431	1.449	ng/ul	94
50) Acenaphthylene	14.534	152	238398	4.130	ng/ul	99
51) 3-Nitroaniline	14.710	138	8301	1.163	ng/ul#	93
52) Acenaphthene	14.869	153	173403	4.341	ng/ul	98
56) Dibenzofuran	15.204	168	178612	3.314	ng/ul	98
57) 2,4-Dinitrotoluene	15.163	165	14176	1.283	ng/ul#	92
58) 2,3,4,6-Tetrachlorophenol	15.428	232	15779	1.560	ng/ul#	96
59) Diethylphthalate	15.610	149	74880	1.775	ng/ul	98
61) Fluorene	15.857	166	195046	4.588	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.845	204	37716	1.813	ng/ul	96
63) 4-Nitroaniline	15.863	138	10869m	1.825	ng/ul	
67) N-Nitrosodiphenylamine	16.057	169	61995	1.905	ng/ul	98
68) 4-Bromophenyl-phenylether	16.745	248	22159	1.986	ng/ul	95
69) Hexachlorobenzene	16.863	284	26657	2.029	ng/ul	99
70) Atrazine	17.004	200	18566	1.695	ng/ul	97
71) Pentachlorophenol	17.204	266	9623	1.254	ng/ul	92
72) Phenanthrene	17.604	178	2421758	40.876	ng/ul	99
74) Anthracene	17.698	178	736419	12.485	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.610	216	37359	2.104	ng/uL	93
76) Pentachlorobenzene	15.128	250	33744	1.998	ng/uL	93
77) Carbazole	17.957	167	271213	5.467	ng/ul	100
78) Di-n-butylphthalate	18.492	149	115937	2.090	ng/ul	98
80) Fluoranthene	19.557	202	4932473	54.731	ng/ul	100
82) Pyrene	19.910	202	4536090	47.507	ng/ul	99
83) Butylbenzylphthalate	20.763	149	55410	1.933	ng/ul#	96
84) 3,3'-Dichlorobenzidine	21.551	252	43266	2.361	ng/ul	96
85) Benzo(a)anthracene	21.627	228	2810360	38.665	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.522	149	98822	2.740	ng/ul	97
87) Chrysene	21.686	228	2654179	36.266	ng/ul	97
89) Di-n-octyl phthalate	22.510	149	155624	1.953	ng/ul	100
90) Benzo(b)fluoranthene	23.451	252	3650666	41.381	ng/ul	98
91) Benzo(k)fluoranthene	23.492	252	1240057m	13.811	ng/ul	
93) Benzo(a)pyrene	24.127	252	2610409	33.740	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.004	276	1912753	20.268	ng/ul	96
95) Dibenzo(a,h)anthracene	27.010	278	609258	7.876	ng/ul	96
96) Benzo(g,h,i)perylene	27.851	276	1624909	20.230	ng/ul	98

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



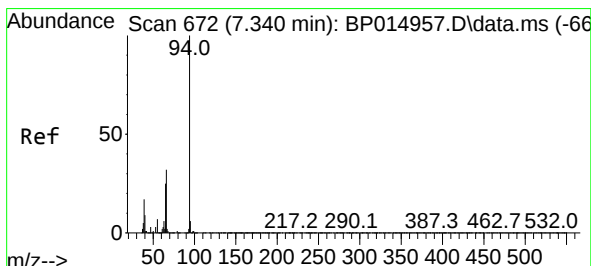
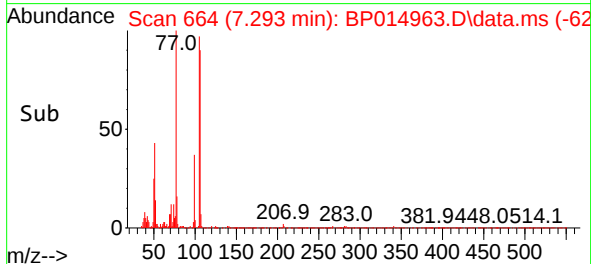
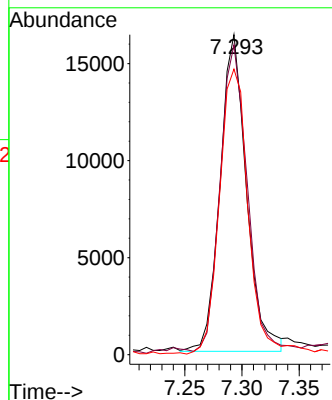
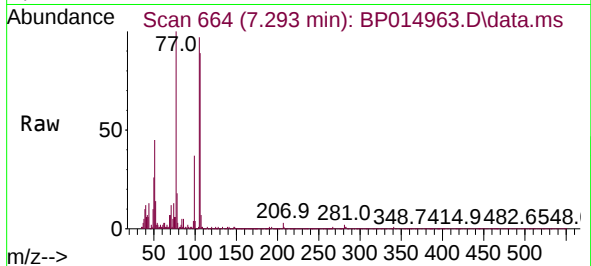
#6
Benzaldehyde
Concen: 3.348 ng/ul m
RT: 7.293 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP014963.D
Acq: 04 May 2023 21:08

Instrument :
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ClientSampleId :
EW937MSD

Tgt Ion: 77 Resp: 2617
Ion Ratio Lower Upper
77 100
105 96.8 80.7 121.1
106 89.3 77.6 116.4

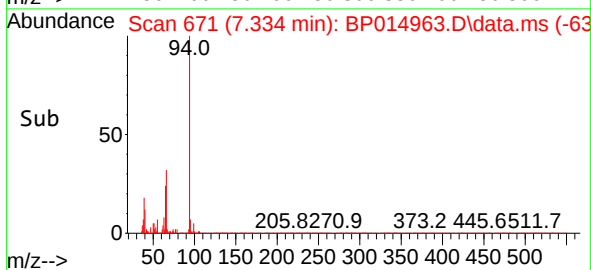
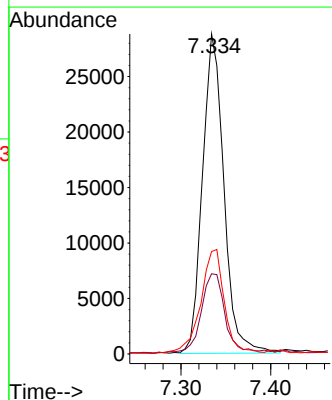
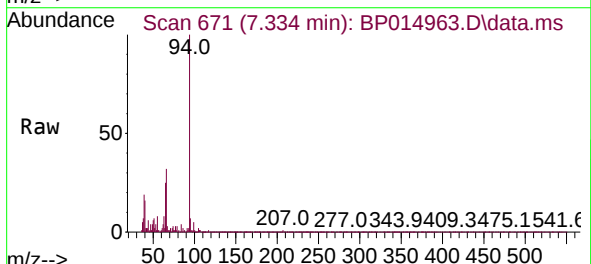
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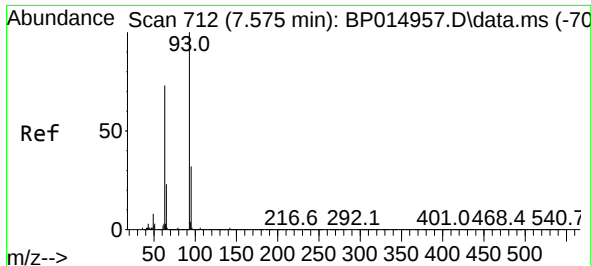
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#8
Phenol
Concen: 1.591 ng/ul
RT: 7.334 min Scan# 671
Delta R.T. -0.000 min
Lab File: BP014963.D
Acq: 04 May 2023 21:08

Tgt Ion: 94 Resp: 47766
Ion Ratio Lower Upper
94 100
65 25.1 21.4 32.0
66 32.0 25.8 38.8





#10

Bis(2-Chloroethyl)ether

Concen: 1.464 ng/ul

RT: 7.575 min Scan# 712

Delta R.T. -0.000 min

Lab File: BP014963.D

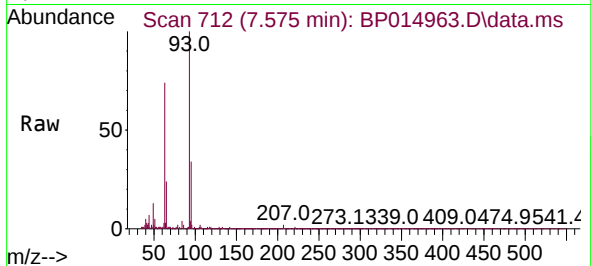
Acq: 04 May 2023 21:08

Instrument :

BNA_P

ClientSampleId :

EW937MSD



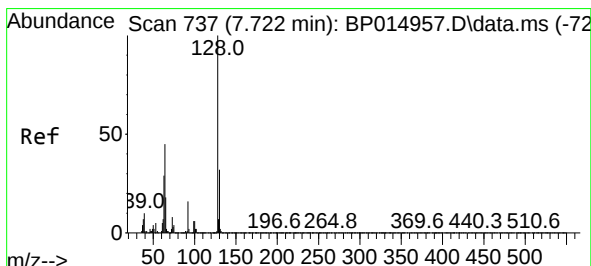
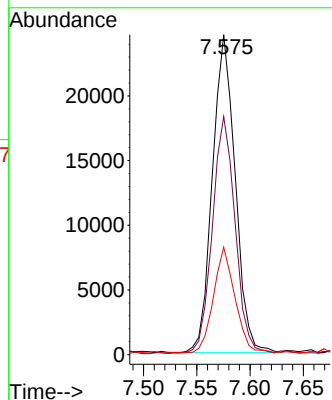
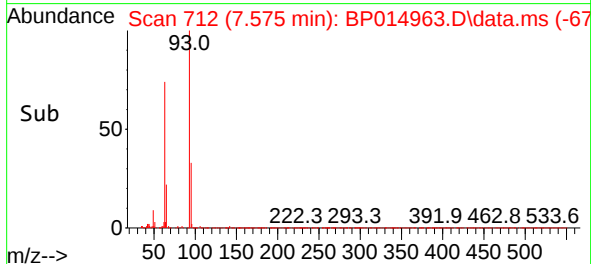
Tgt Ion:	93	Resp:	36529
Ion Ratio	100	Lower	Upper
93	100		
63	74.4	58.1	87.1
95	33.6	26.0	39.0

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#12

2-Chlorophenol

Concen: 1.579 ng/ul

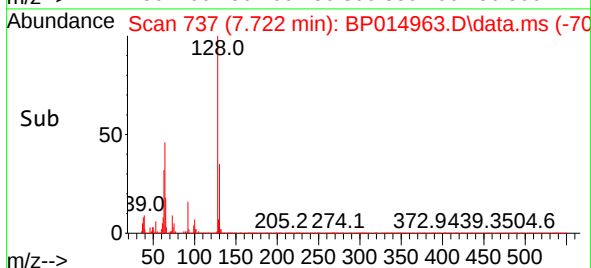
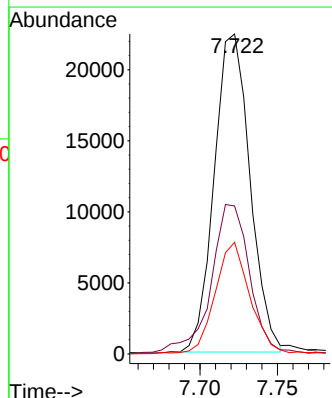
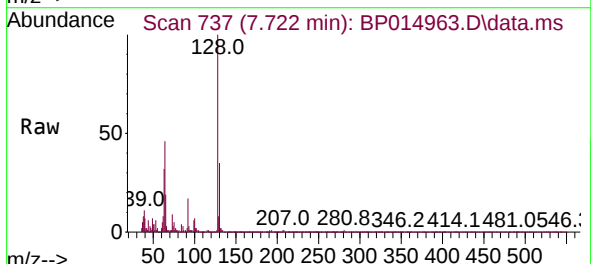
RT: 7.722 min Scan# 737

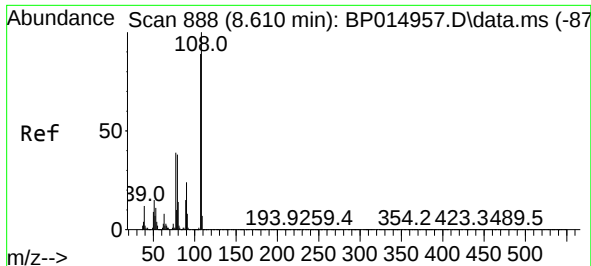
Delta R.T. -0.000 min

Lab File: BP014963.D

Acq: 04 May 2023 21:08

Tgt Ion:	128	Resp:	35958
Ion Ratio	100	Lower	Upper
128	100		
64	46.3	36.6	55.0
130	34.9	25.8	38.8





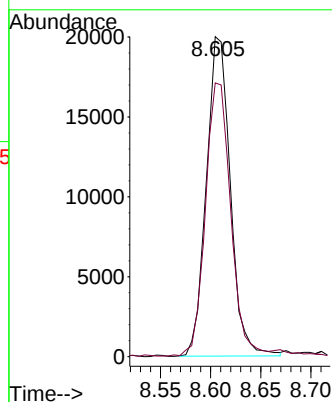
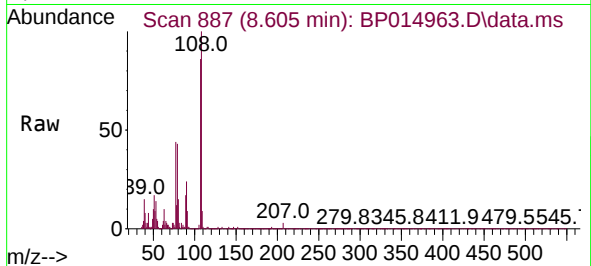
#13
2-Methylphenol
Concen: 1.491 ng/ul
RT: 8.605 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP014963.D
Acq: 04 May 2023 21:08

Instrument :
BNA_P
ClientSampleId :
EW937MSD

Tgt Ion:108 Resp: 3336
Ion Ratio Lower Upper
108 100
107 85.5 71.7 107.5

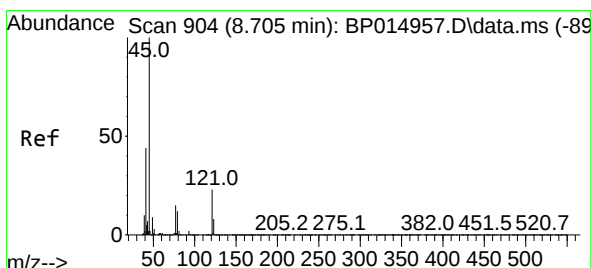
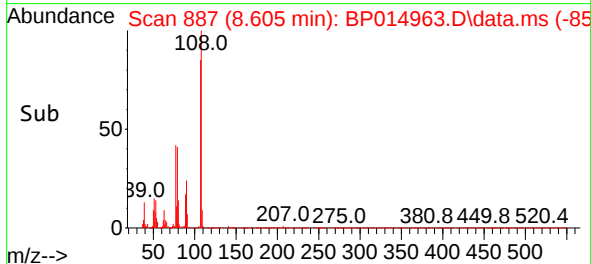
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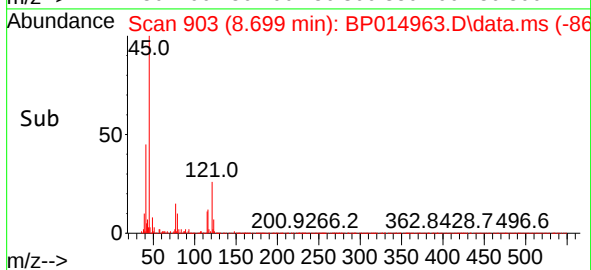
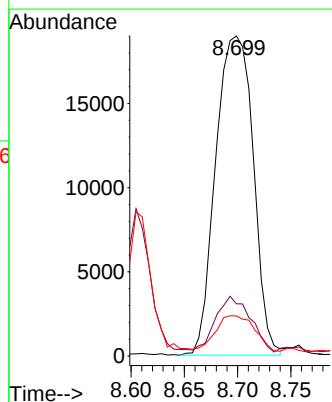
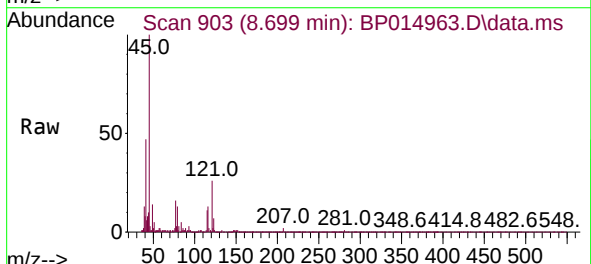
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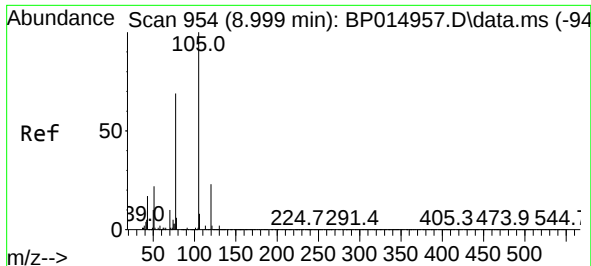
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#14
2,2'-oxybis(1-Chloropropane)
Concen: 1.470 ng/ul
RT: 8.699 min Scan# 903
Delta R.T. -0.000 min
Lab File: BP014963.D
Acq: 04 May 2023 21:08

Tgt Ion: 45 Resp: 46526
Ion Ratio Lower Upper
45 100
77 16.3 12.3 18.5
79 12.5 9.5 14.3





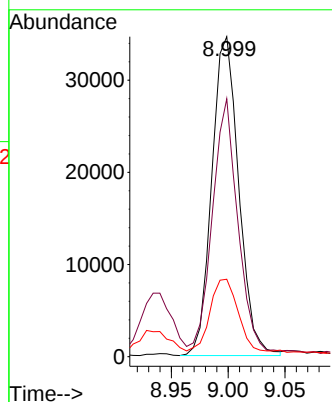
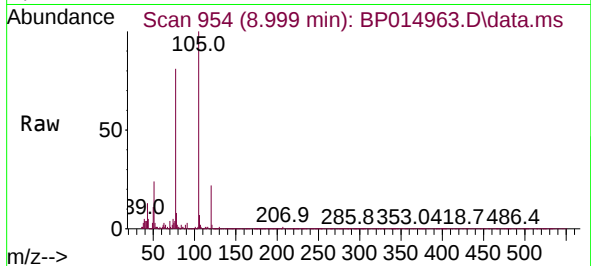
#16
Acetophenone
Concen: 1.587 ng/ul
RT: 8.999 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP014963.D
Acq: 04 May 2023 21:08

Instrument :
BNA_P
ClientSampleId :
EW937MSD

Tgt Ion:105 Resp: 5716
Ion Ratio Lower Upper
105 100
77 80.6 61.2 91.8
51 24.2 19.4 29.2

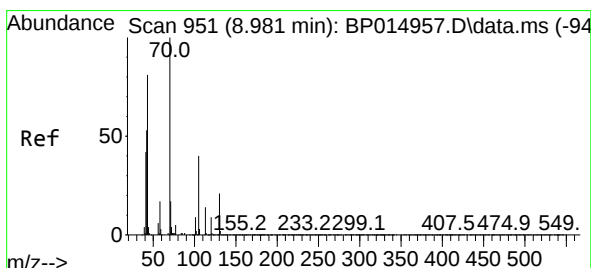
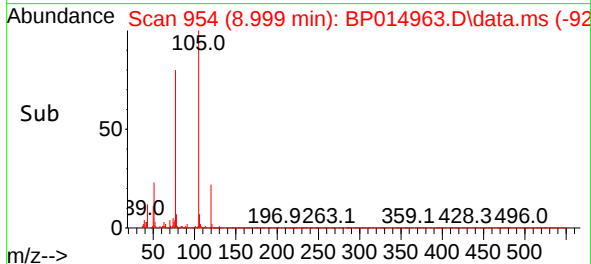
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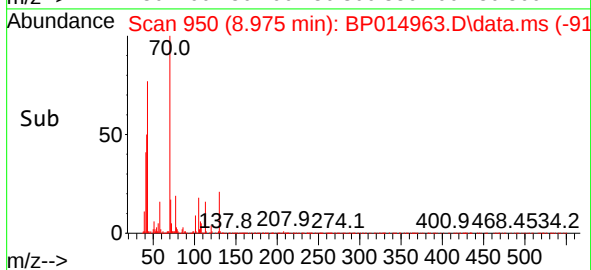
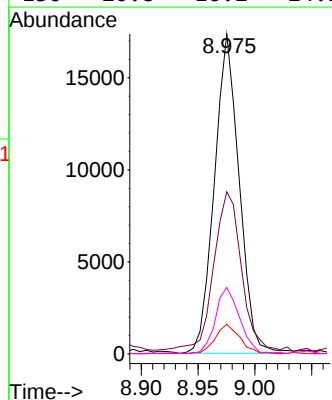
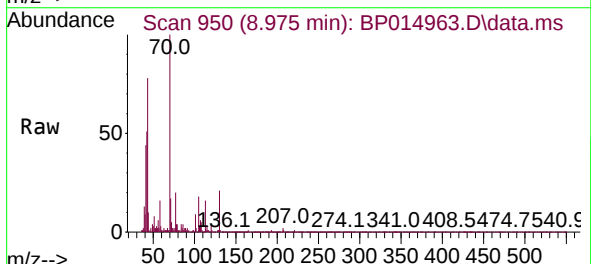
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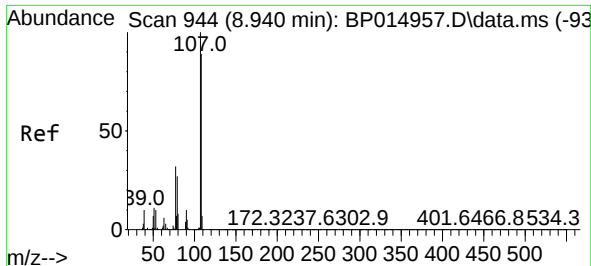
05/05/2023



#17
N-Nitroso-di-n-propylamine
Concen: 1.432 ng/ul
RT: 8.975 min Scan# 950
Delta R.T. -0.006 min
Lab File: BP014963.D
Acq: 04 May 2023 21:08

Tgt Ion: 70 Resp: 26287
Ion Ratio Lower Upper
70 100
42 50.7 41.9 62.9
101 9.3 7.7 11.5
130 20.8 16.2 24.2





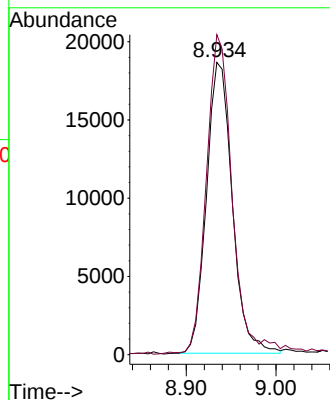
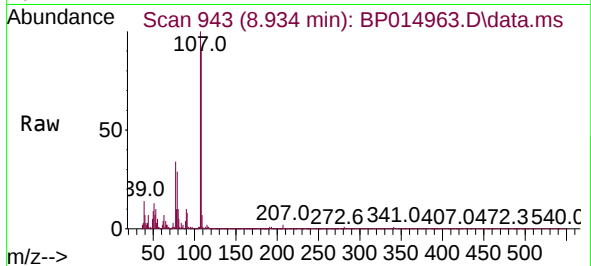
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4-Methylphenol
Concen: 1.500 ng/ul
RT: 8.934 min Scan# 944
Delta R.T. -0.000 min
Lab File: BP014963.D
Acq: 04 May 2023 21:08

Instrument :
BNA_P
ClientSampleId :
EW937MSD

Tgt Ion:108 Resp: 37118
Ion Ratio Lower Upper
108 100
107 109.5 87.2 130.8

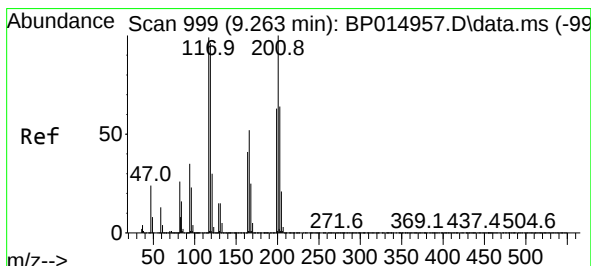
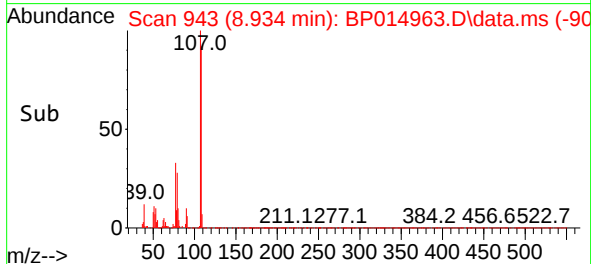
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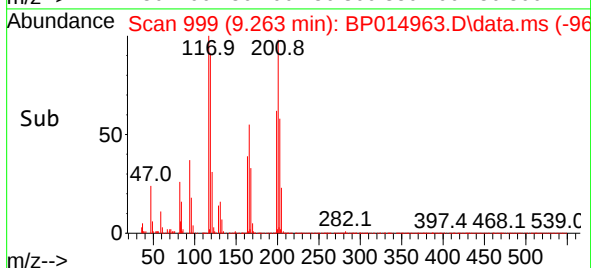
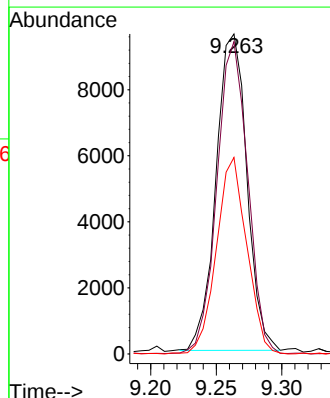
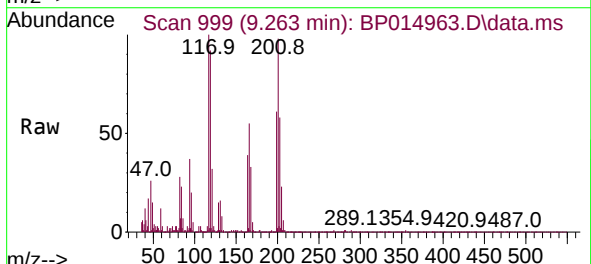
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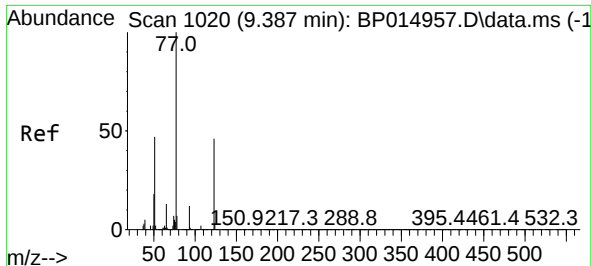
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#19
Hexachloroethane
Concen: 1.584 ng/ul
RT: 9.263 min Scan# 999
Delta R.T. -0.000 min
Lab File: BP014963.D
Acq: 04 May 2023 21:08

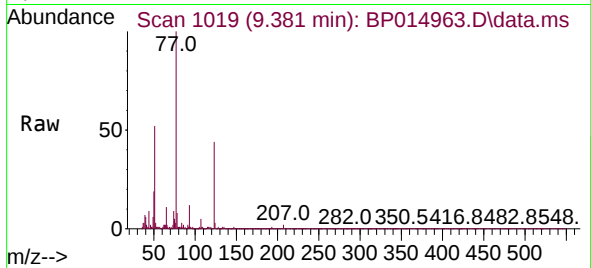
Tgt Ion:117 Resp: 15654
Ion Ratio Lower Upper
117 100
201 97.6 78.9 118.3
199 61.4 48.3 72.5





#22
Nitrobenzene
Concen: 1.586 ng/ul
RT: 9.381 min Scan# 1109
Delta R.T. -0.000 min
Lab File: BP014963.D
Acq: 04 May 2023 21:08

Instrument :
BNA_P
ClientSampleId :
EW937MSD



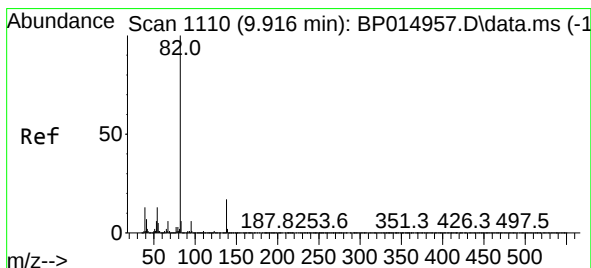
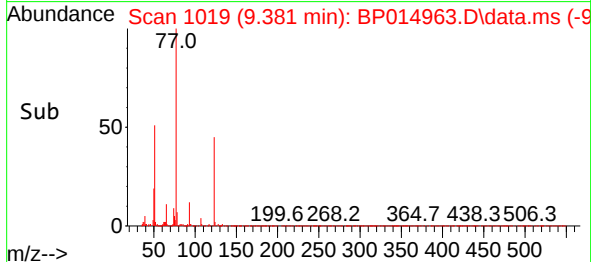
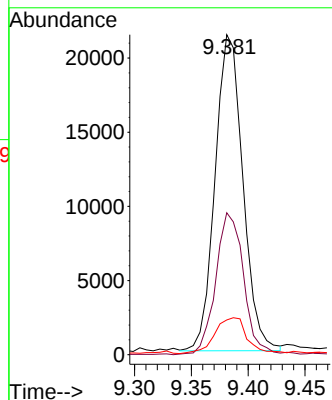
Tgt Ion: 77 Resp: 36299
Ion Ratio Lower Upper
77 100
123 44.4 34.8 52.2
65 10.8 10.2 15.2

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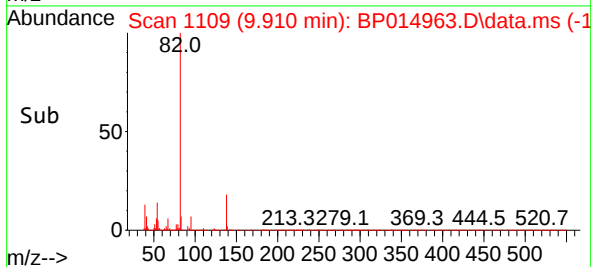
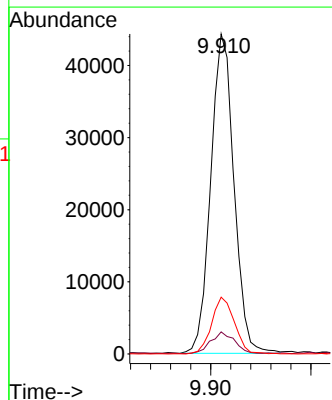
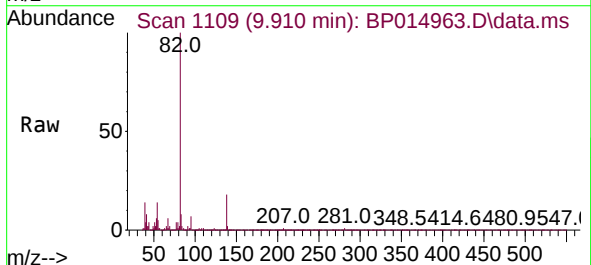
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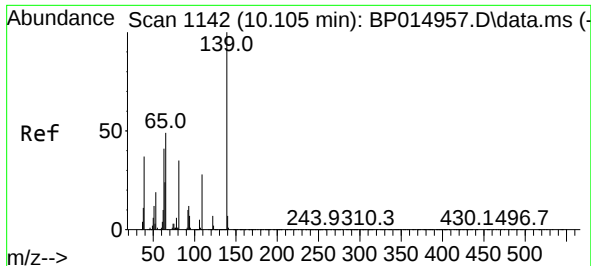
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#23
Isophorone
Concen: 1.575 ng/ul
RT: 9.910 min Scan# 1109
Delta R.T. -0.000 min
Lab File: BP014963.D
Acq: 04 May 2023 21:08

Tgt Ion: 82 Resp: 71240
Ion Ratio Lower Upper
82 100
95 6.9 5.3 7.9
138 17.7 13.9 20.9





#25
2-Nitrophenol
Concen: 1.441 ng/ul
RT: 10.099 min Scan# 1141
Delta R.T. -0.006 min
Lab File: BP014963.D
Acq: 04 May 2023 21:08

Instrument :
BNA_P
ClientSampleId :
EW937MSD

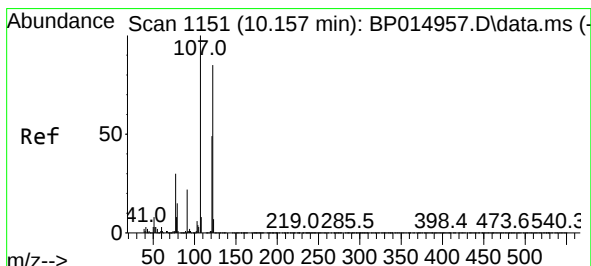
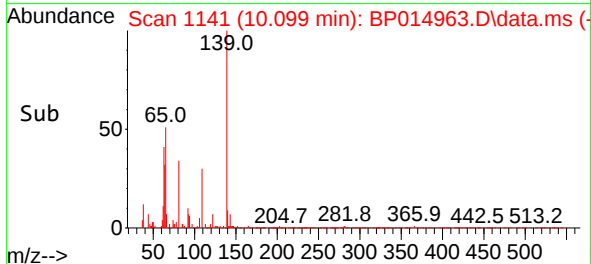
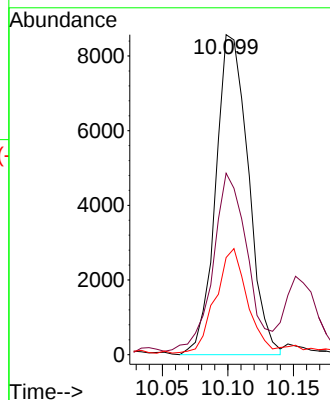
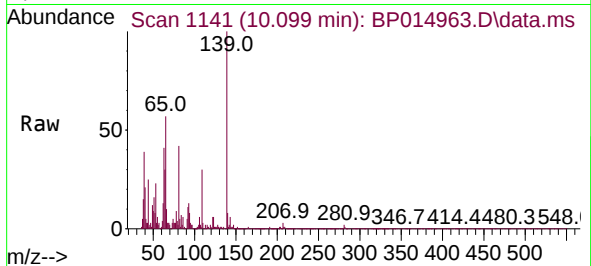
Tgt Ion:	139	Resp:	1481
Ion Ratio	Lower	Upper	
139	100		
65	56.7	40.5	60.7
109	30.4	22.4	33.6

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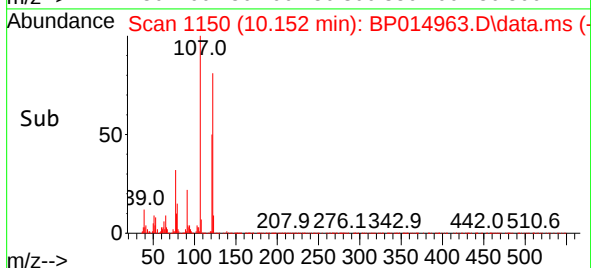
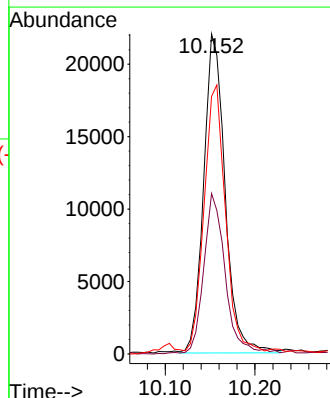
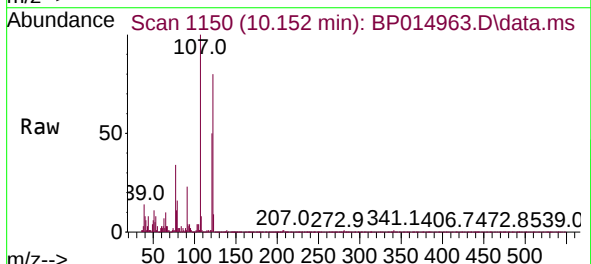
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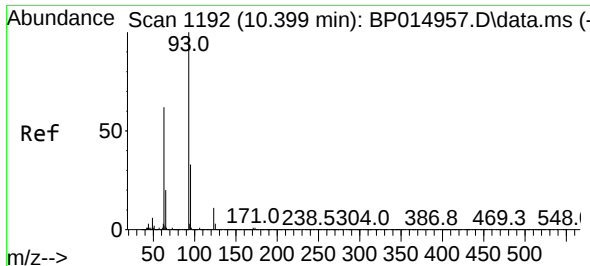
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#26
2,4-Dimethylphenol
Concen: 1.640 ng/ul
RT: 10.152 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BP014963.D
Acq: 04 May 2023 21:08

Tgt Ion:	107	Resp:	36597
Ion Ratio	Lower	Upper	
107	100		
121	50.1	40.2	60.2
122	80.5	69.6	104.4





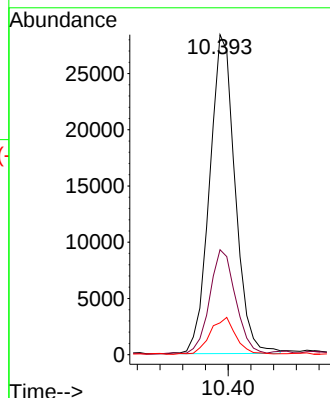
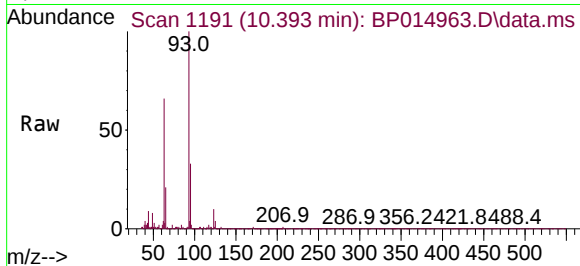
#27
Bis(2-Chloroethoxy)methane
Concen: 1.528 ng/ul
RT: 10.393 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BP014963.D
Acq: 04 May 2023 21:08

Instrument :
BNA_P
ClientSampleId :
EW937MSD

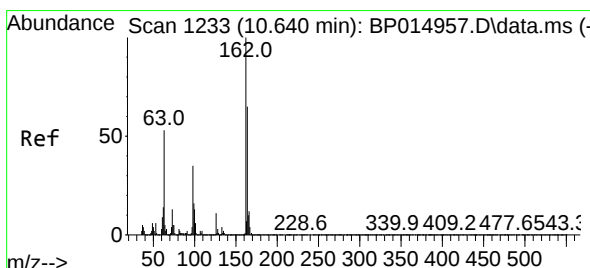
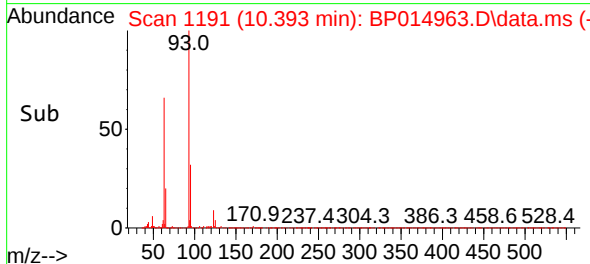
Tgt Ion: 93	Resp: 4416
Ion Ratio	Lower Upper
93 100	
95 32.8	26.1 39.1
123 10.0	9.0 13.4

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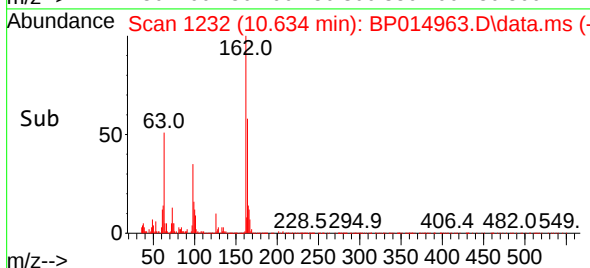
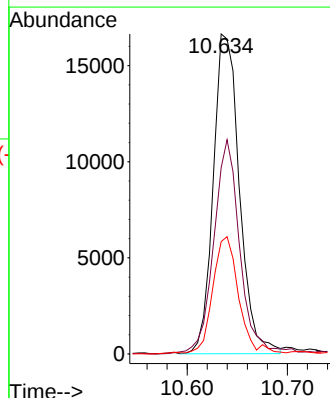
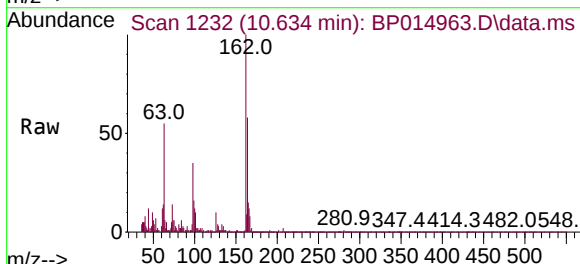


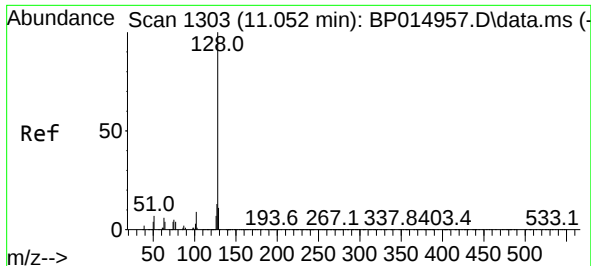
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#29
2,4-Dichlorophenol
Concen: 1.661 ng/ul
RT: 10.634 min Scan# 1232
Delta R.T. -0.006 min
Lab File: BP014963.D
Acq: 04 May 2023 21:08

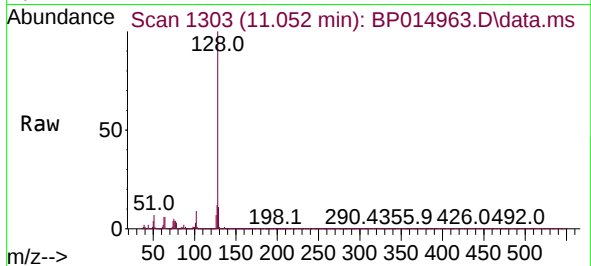
Tgt Ion:162	Resp: 30173
Ion Ratio	Lower Upper
162 100	
164 58.2	51.5 77.3
98 35.1	28.8 43.2





#30
Naphthalene
Concen: 2.546 ng/ul
RT: 11.052 min Scan# 1303
Delta R.T. -0.000 min
Lab File: BP014963.D
Acq: 04 May 2023 21:08

Instrument :
BNA_P
ClientSampleId :
EW937MSD



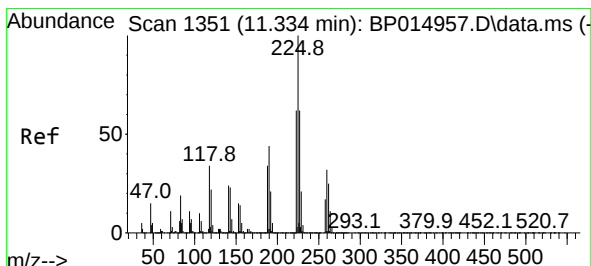
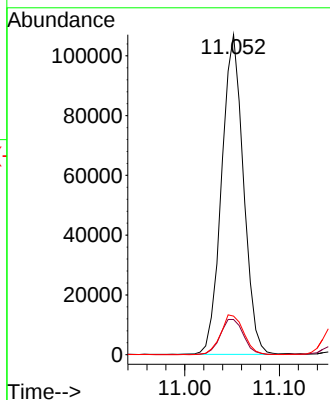
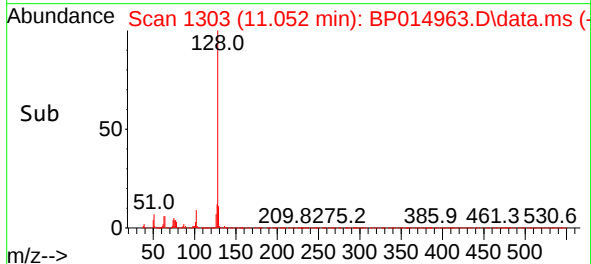
Tgt Ion:128 Resp: 17137
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 12.0 10.4 15.6

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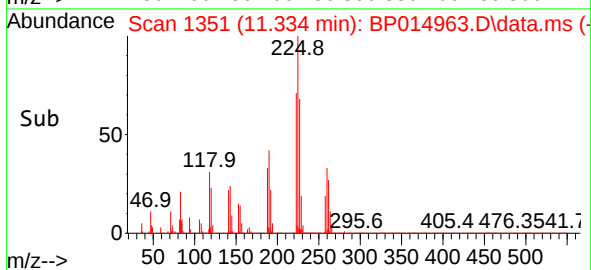
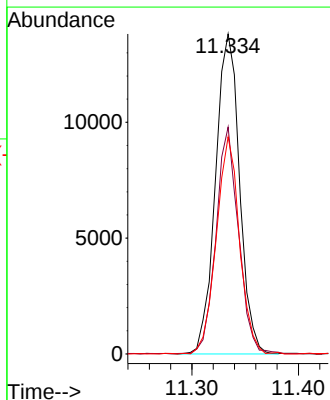
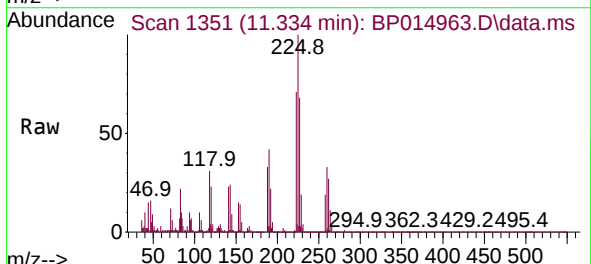
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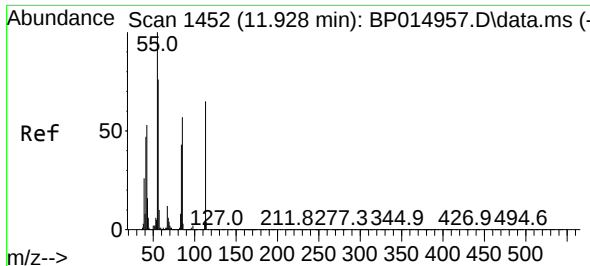
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#33
Hexachlorobutadiene
Concen: 1.846 ng/ul
RT: 11.334 min Scan# 1351
Delta R.T. -0.000 min
Lab File: BP014963.D
Acq: 04 May 2023 21:08

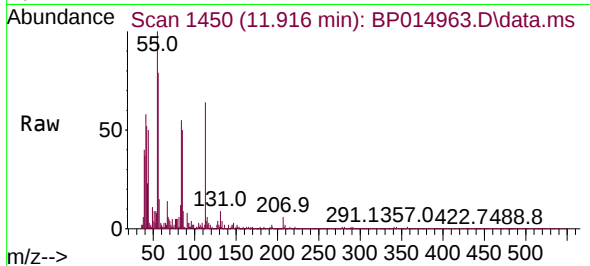
Tgt Ion:225 Resp: 21637
Ion Ratio Lower Upper
225 100
223 74.5 50.6 76.0
227 67.9 51.4 77.0





#34
Caprolactam
Concen: 1.402 ng/ul m
RT: 11.916 min Scan# 14
Delta R.T. -0.006 min
Lab File: BP014963.D
Acq: 04 May 2023 21:08

Instrument :
BNA_P
ClientSampleId :
EW937MSD



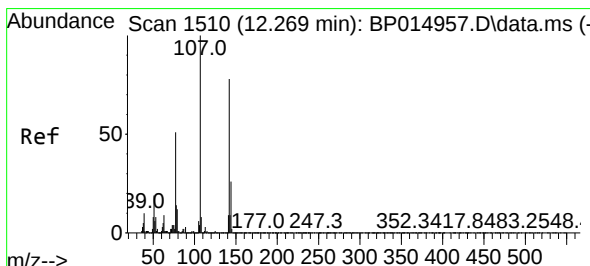
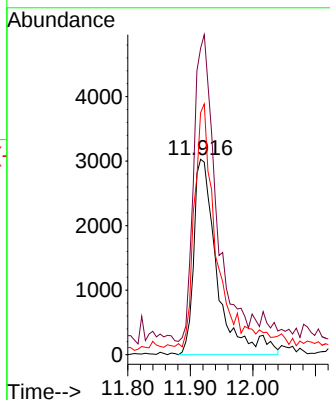
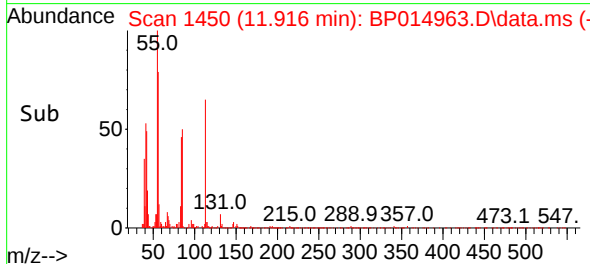
Tgt Ion:113 Resp: 784
Ion Ratio Lower Upper
113 100
55 156.9 128.5 192.7
56 123.9 94.3 141.5

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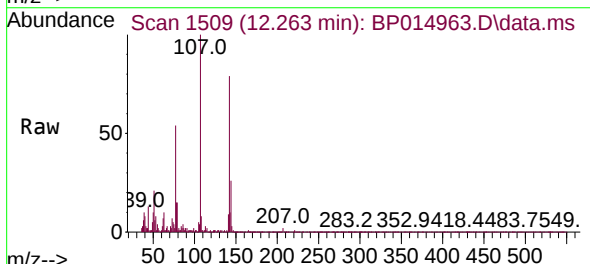
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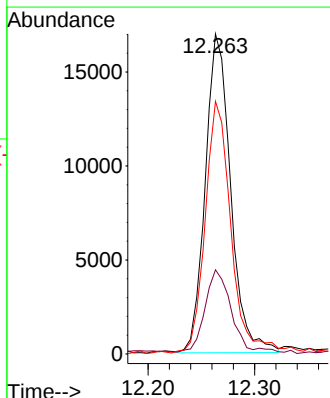
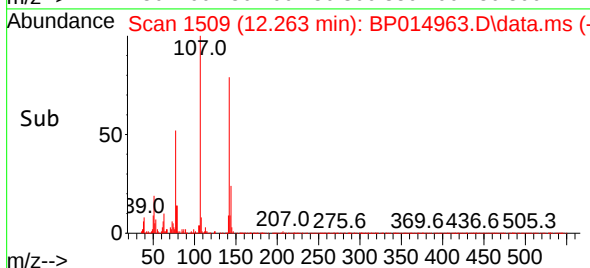
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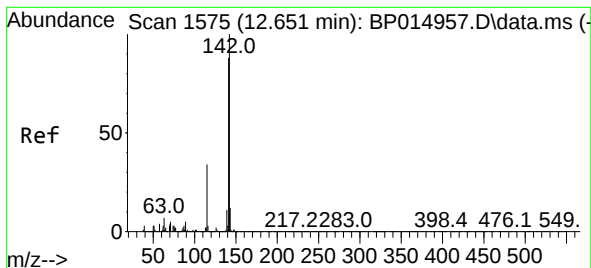


#35
4-Chloro-3-methylphenol
Concen: 1.506 ng/ul
RT: 12.263 min Scan# 1509
Delta R.T. -0.000 min
Lab File: BP014963.D
Acq: 04 May 2023 21:08



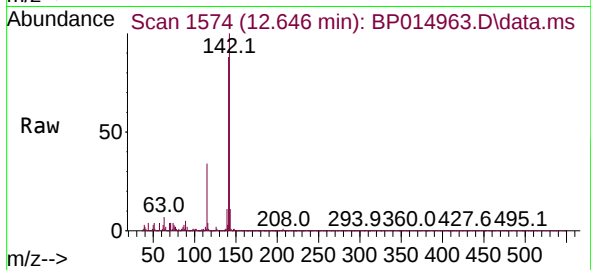
Tgt Ion:107 Resp: 28120
Ion Ratio Lower Upper
107 100
144 26.3 20.6 30.8
142 79.0 63.2 94.8





#36
2-Methylnaphthalene
Concen: 2.193 ng/ul
RT: 12.646 min Scan# 1575
Delta R.T. -0.000 min
Lab File: BP014963.D
Acq: 04 May 2023 21:08

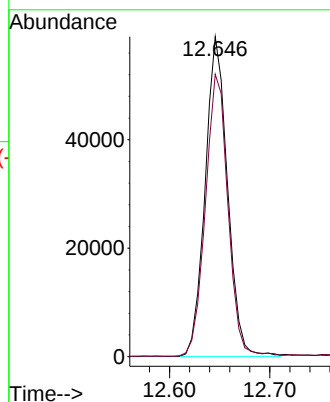
Instrument :
BNA_P
ClientSampleId :
EW937MSD



Tgt Ion:142 Resp: 91288
Ion Ratio Lower Upper
142 100
141 88.3 70.5 105.7

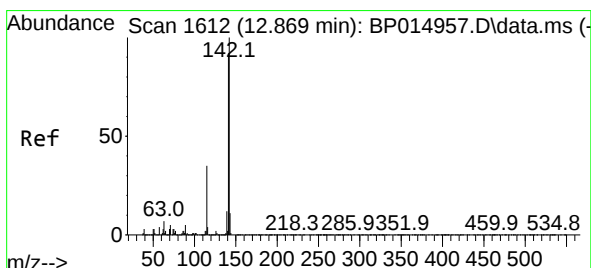
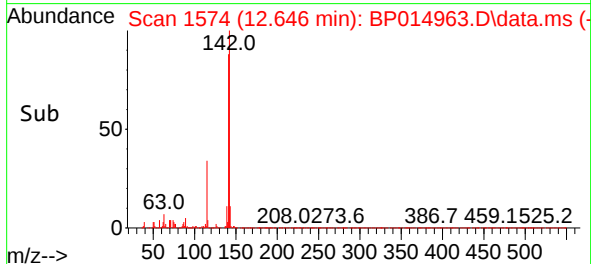
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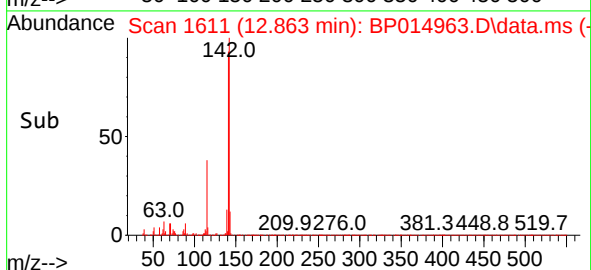
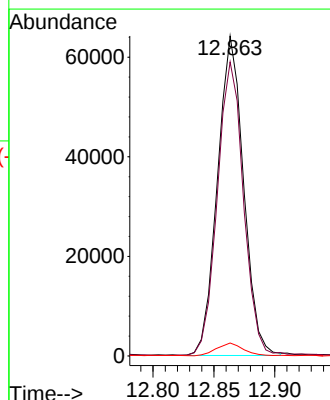
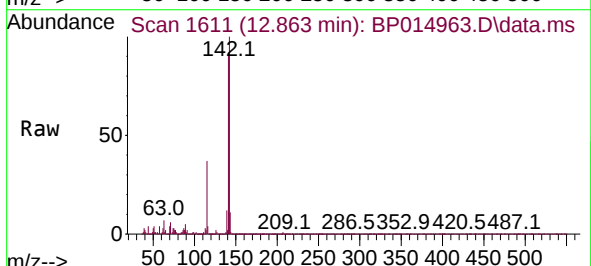
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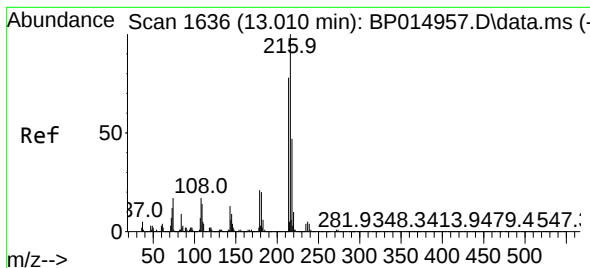
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#37
1-Methylnaphthalene
Concen: 2.230 ng/ul
RT: 12.863 min Scan# 1611
Delta R.T. -0.000 min
Lab File: BP014963.D
Acq: 04 May 2023 21:08

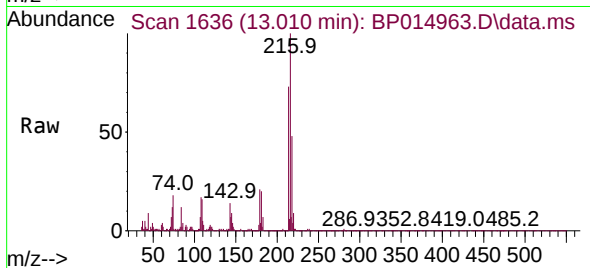
Tgt Ion:142 Resp: 95682
Ion Ratio Lower Upper
142 100
141 91.9 74.4 111.6
116 4.1 2.9 4.3





#39
1,2,4,5-Tetrachlorobenzene
Concen: 2.009 ng/ul
RT: 13.010 min Scan# 1636
Delta R.T. -0.000 min
Lab File: BP014963.D
Acq: 04 May 2023 21:08

Instrument :
BNA_P
ClientSampleId :
EW937MSD



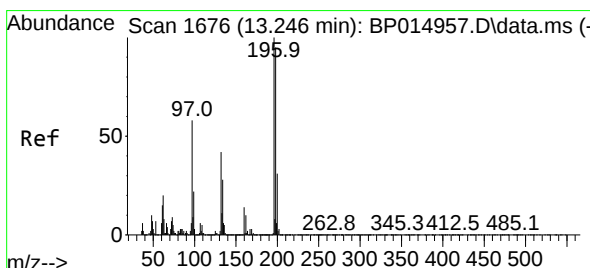
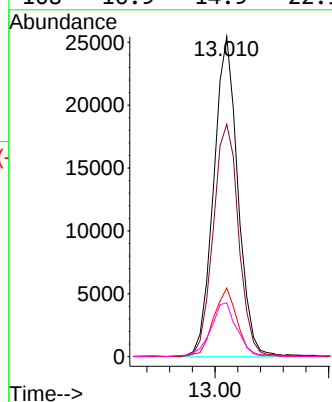
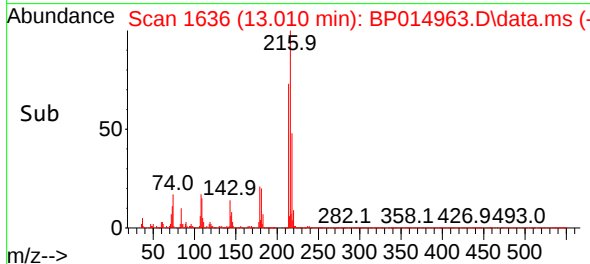
Tgt Ion:216 Resp: 37589
Ion Ratio Lower Upper
216 100
214 72.7 63.0 94.4
179 21.5 16.9 25.3
108 16.9 14.9 22.3

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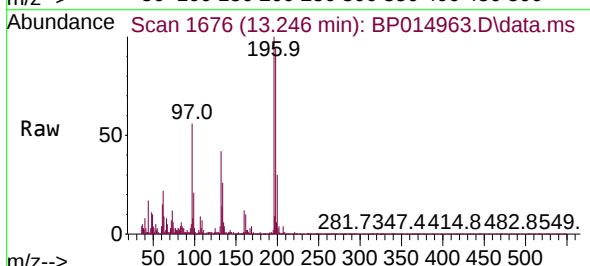
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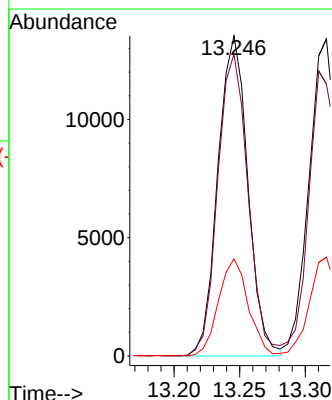
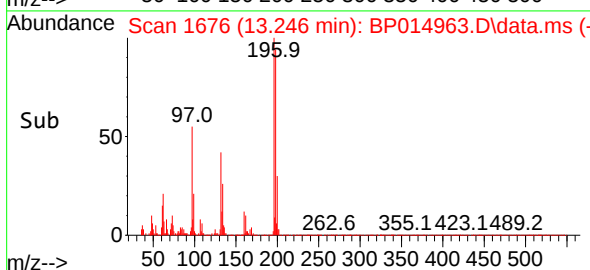
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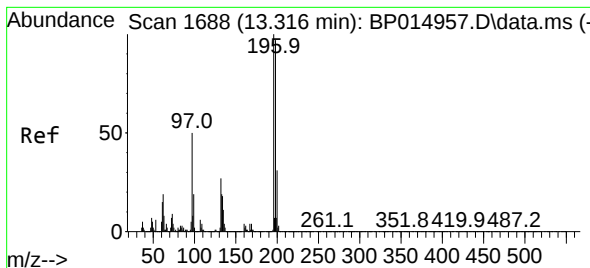


#41
2,4,6-Trichlorophenol
Concen: 1.864 ng/ul
RT: 13.246 min Scan# 1676
Delta R.T. -0.000 min
Lab File: BP014963.D
Acq: 04 May 2023 21:08



Tgt Ion:196 Resp: 21489
Ion Ratio Lower Upper
196 100
198 94.4 76.8 115.2
200 30.3 24.6 36.8





#42
2,4,5-Trichlorophenol
Concen: 1.706 ng/ul
RT: 13.316 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BP014963.D
Acq: 04 May 2023 21:08

Instrument :
BNA_P
ClientSampleId :
EW937MSD

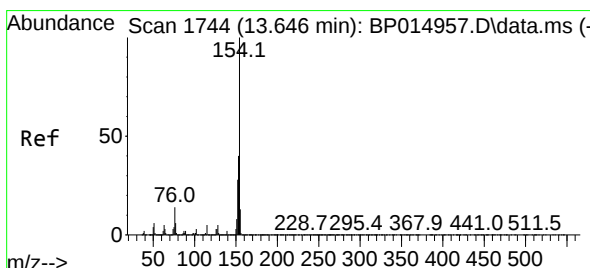
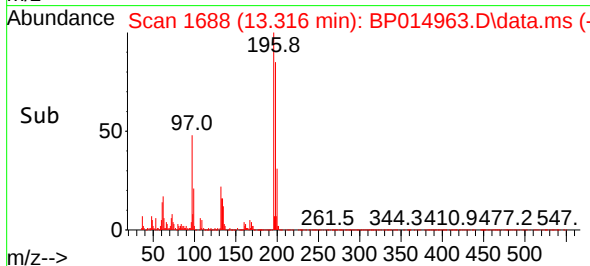
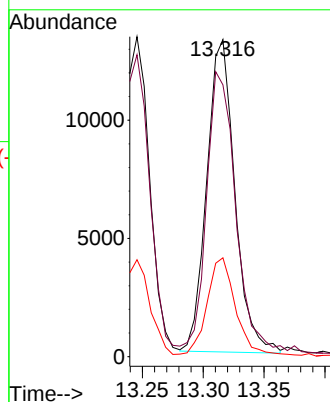
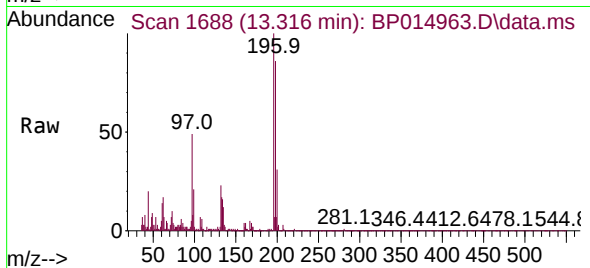
Tgt Ion	Ratio	Lower	Upper
196	100		
198	85.7	74.2	111.4
200	31.2	24.6	37.0

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Supervised By :Jagrut Upadhyay 05/05/2023

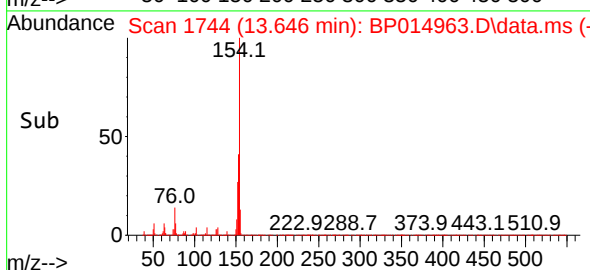
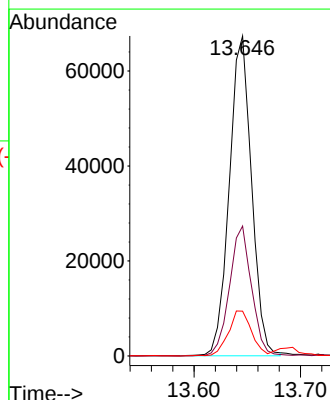
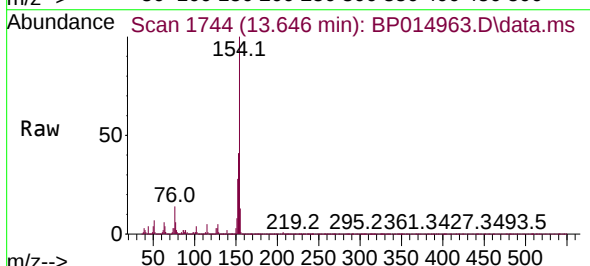
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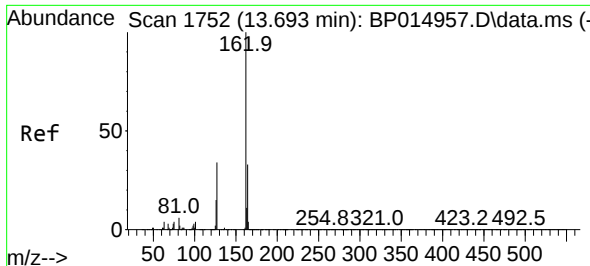
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#43
1,1'-Biphenyl
Concen: 2.041 ng/ul
RT: 13.646 min Scan# 1744
Delta R.T. -0.000 min
Lab File: BP014963.D
Acq: 04 May 2023 21:08

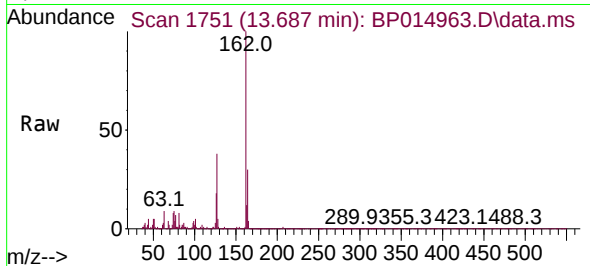
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	31.9	47.9
76	14.0	11.3	16.9





#44
2-Chloronaphthalene
Concen: 1.881 ng/ul
RT: 13.687 min Scan# 1751
Delta R.T. -0.000 min
Lab File: BP014963.D
Acq: 04 May 2023 21:08

Instrument :
BNA_P
ClientSampleId :
EW937MSD



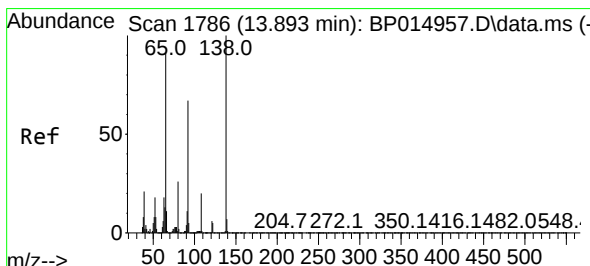
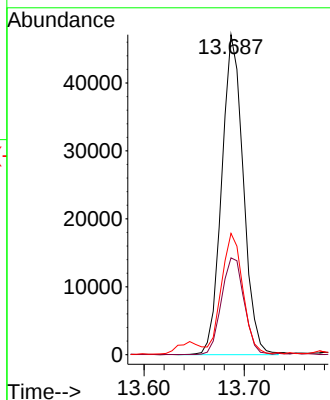
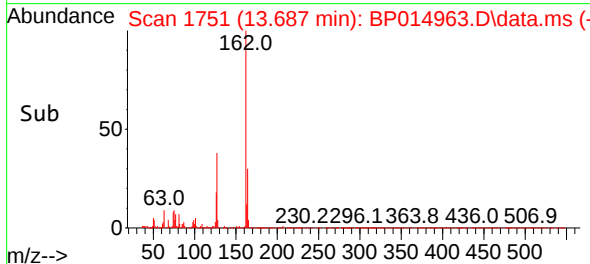
Tgt Ion: 162 Resp: 70245
Ion Ratio Lower Upper
162 100
164 30.2 26.3 39.5
127 37.9 30.4 45.6

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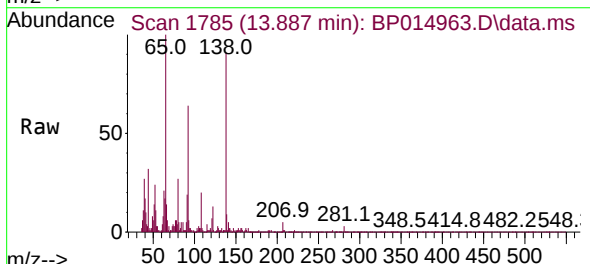
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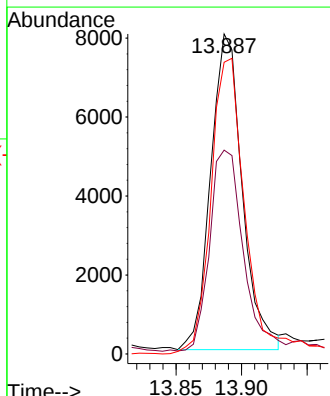
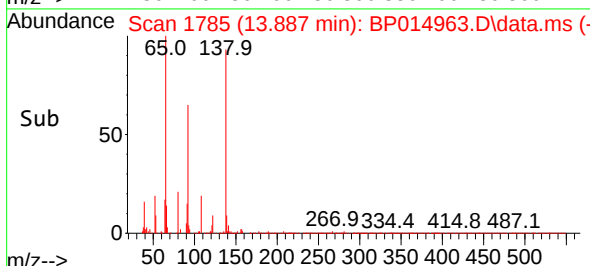
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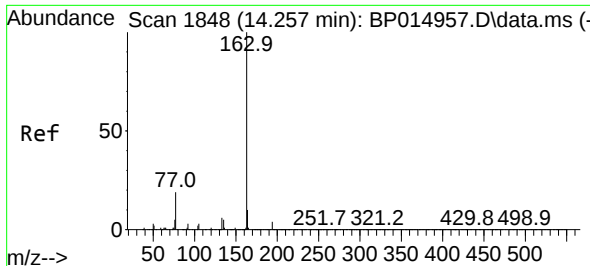


#45
2-Nitroaniline
Concen: 1.544 ng/ul
RT: 13.887 min Scan# 1785
Delta R.T. -0.000 min
Lab File: BP014963.D
Acq: 04 May 2023 21:08



Tgt Ion: 65 Resp: 13432
Ion Ratio Lower Upper
65 100
92 63.7 58.3 87.5
138 91.2 87.9 131.9





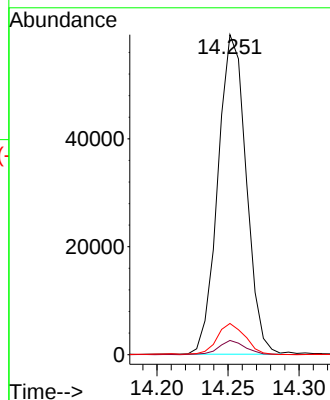
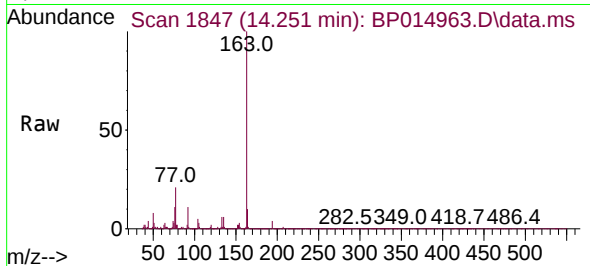
#47
Dimethylphthalate
Concen: 1.835 ng/ul
RT: 14.251 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BP014963.D
Acq: 04 May 2023 21:08

Instrument :
BNA_P
ClientSampleId :
EW937MSD

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.1	4.7
164	9.7	8.0	12.0

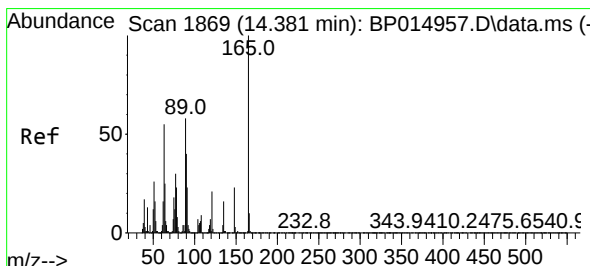
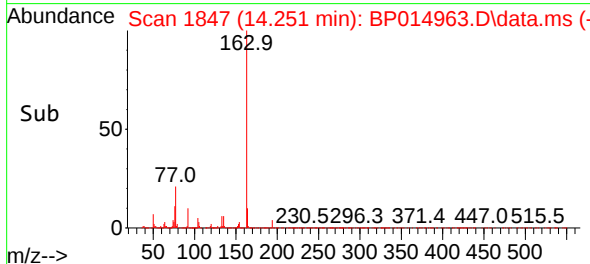
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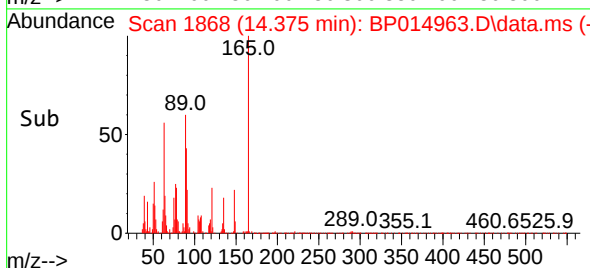
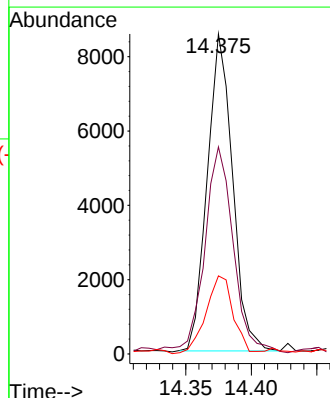
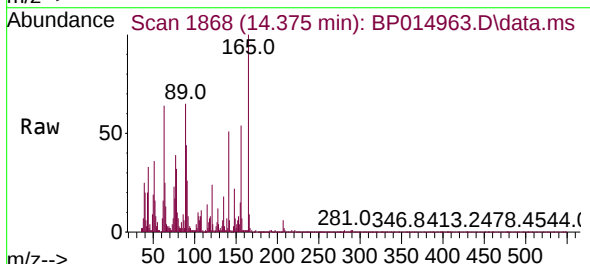
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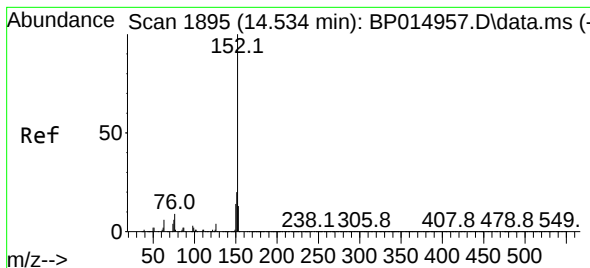
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#48
2,6-Dinitrotoluene
Concen: 1.449 ng/ul
RT: 14.375 min Scan# 1868
Delta R.T. -0.006 min
Lab File: BP014963.D
Acq: 04 May 2023 21:08

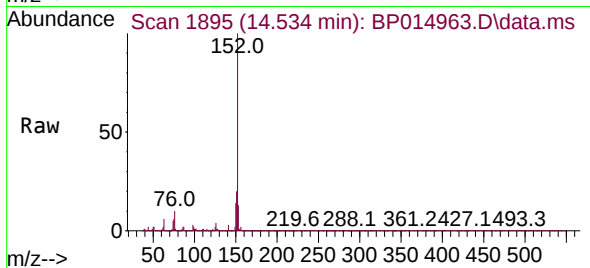
Tgt Ion	Ratio	Lower	Upper
165	100		
89	64.7	48.1	72.1
121	24.4	17.3	25.9





#50
Acenaphthylene
Concen: 4.130 ng/ul
RT: 14.534 min Scan# 1895
Delta R.T. -0.000 min
Lab File: BP014963.D
Acq: 04 May 2023 21:08

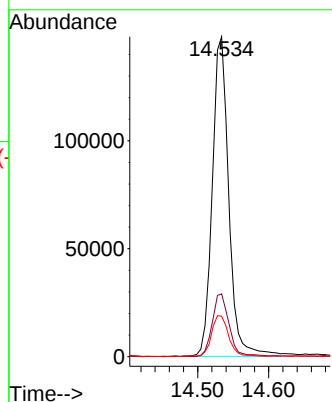
Instrument : BNA_P
ClientSampleId : EW937MSD



Tgt Ion:152 Resp: 238398
Ion Ratio Lower Upper
152 100
151 19.7 16.1 24.1
153 12.7 10.4 15.6

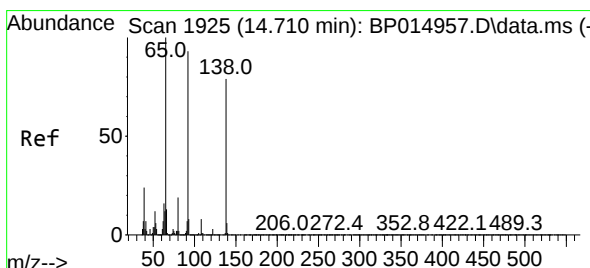
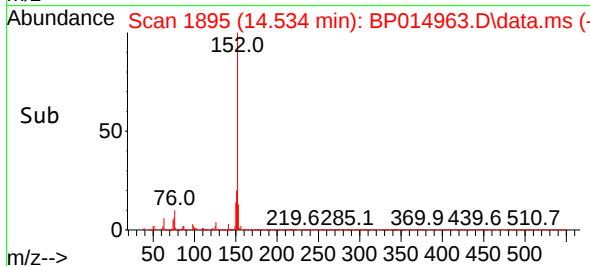
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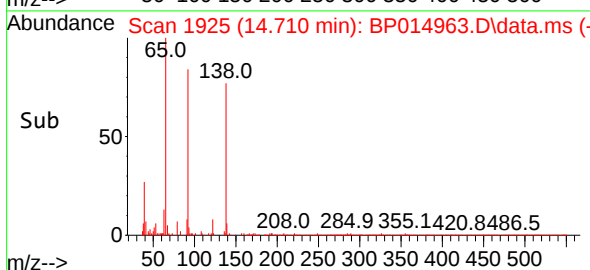
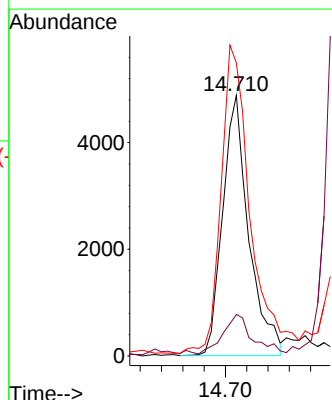
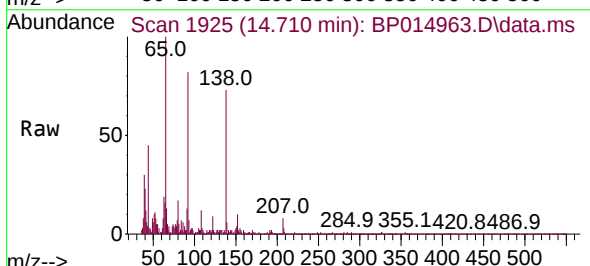
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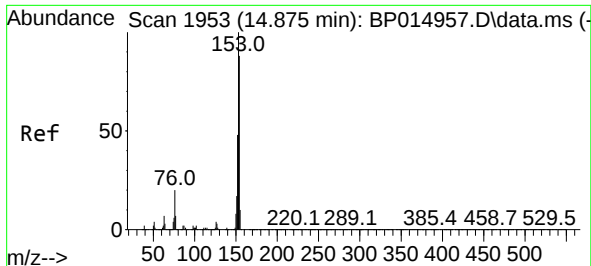
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#51
3-Nitroaniline
Concen: 1.163 ng/ul
RT: 14.710 min Scan# 1925
Delta R.T. 0.006 min
Lab File: BP014963.D
Acq: 04 May 2023 21:08

Tgt Ion:138 Resp: 8301
Ion Ratio Lower Upper
138 100
108 15.9 8.5 12.7#
92 112.4 95.8 143.6





#52
Acenaphthene
Concen: 4.341 ng/ul
RT: 14.869 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BP014963.D
Acq: 04 May 2023 21:08

Instrument :
BNA_P
ClientSampleId :
EW937MSD

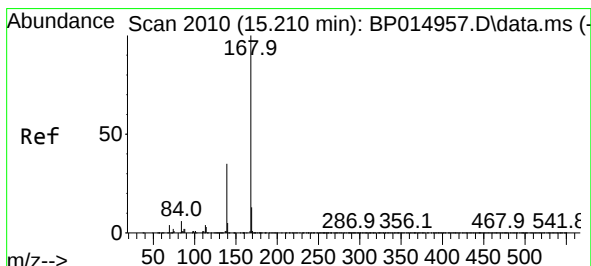
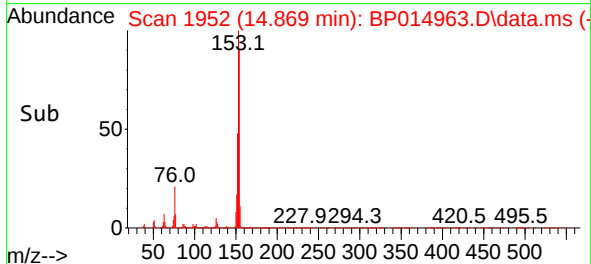
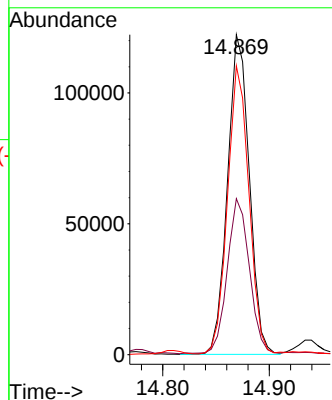
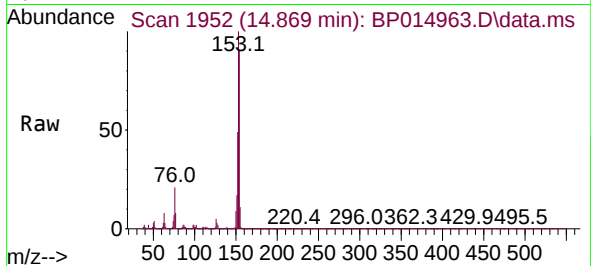
Tgt Ion:153 Resp: 17340
Ion Ratio Lower Upper
153 100
152 48.7 38.8 58.2
154 90.3 69.6 104.4

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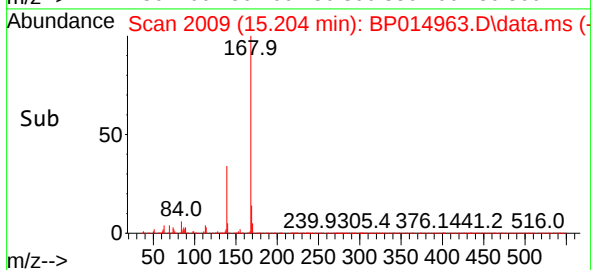
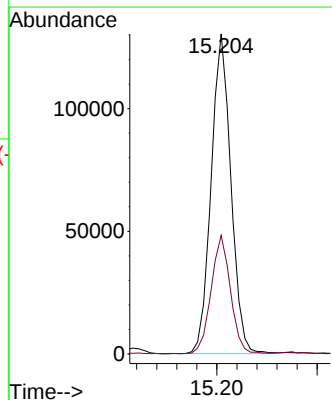
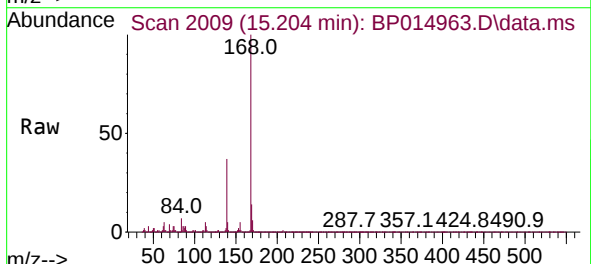
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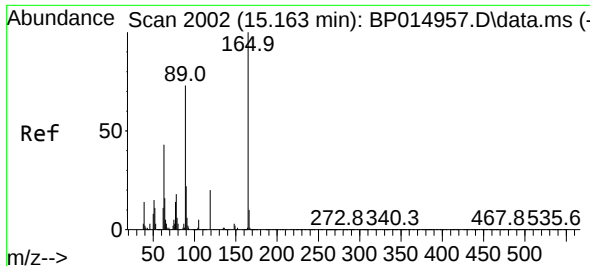
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#56
Dibenzofuran
Concen: 3.314 ng/ul
RT: 15.204 min Scan# 2009
Delta R.T. -0.000 min
Lab File: BP014963.D
Acq: 04 May 2023 21:08

Tgt Ion:168 Resp: 178612
Ion Ratio Lower Upper
168 100
139 37.1 28.6 42.8





#57
2,4-Dinitrotoluene
Concen: 1.283 ng/ul
RT: 15.163 min Scan# 2002
Delta R.T. -0.000 min
Lab File: BP014963.D
Acq: 04 May 2023 21:08

Instrument :

BNA_P

ClientSampleId :

EW937MSD

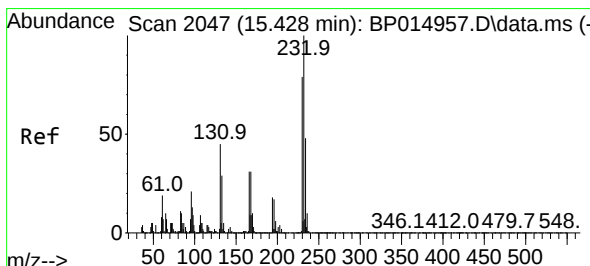
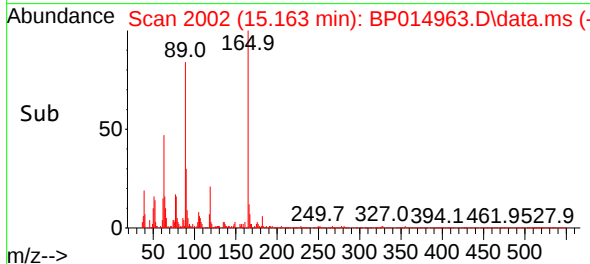
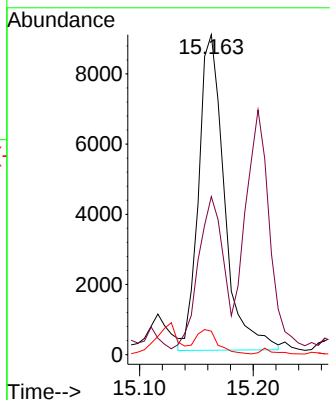
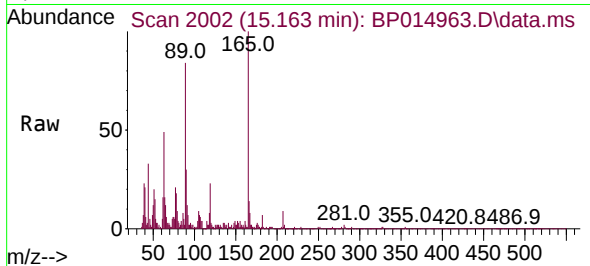
Tgt Ion:165 Resp: 14170
Ion Ratio Lower Upper
165 100
63 49.4 35.7 53.5
182 7.4 2.2 3.4

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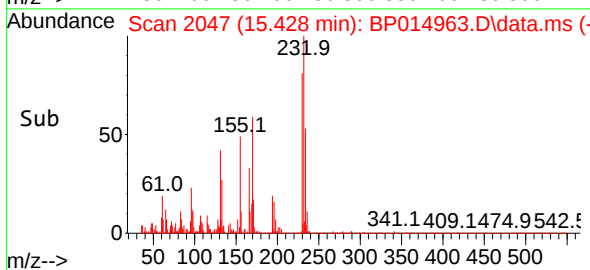
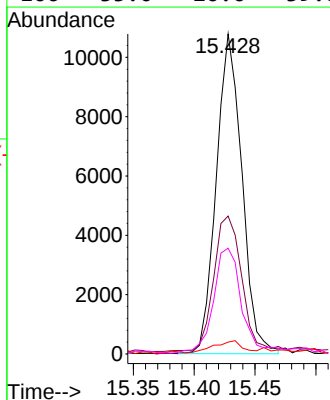
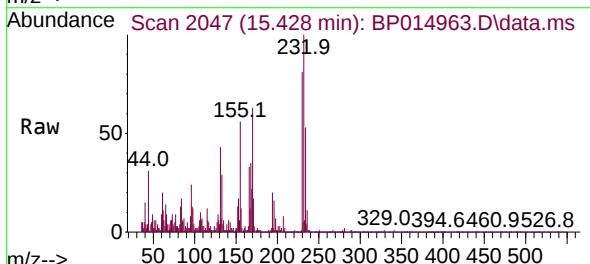
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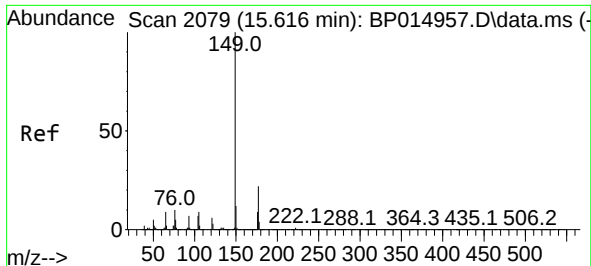
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#58
2,3,4,6-Tetrachlorophenol
Concen: 1.560 ng/ul
RT: 15.428 min Scan# 2047
Delta R.T. -0.000 min
Lab File: BP014963.D
Acq: 04 May 2023 21:08

Tgt Ion:232 Resp: 15779
Ion Ratio Lower Upper
232 100
131 43.1 38.2 57.4
130 3.7 2.1 3.1#
166 33.0 26.6 39.8





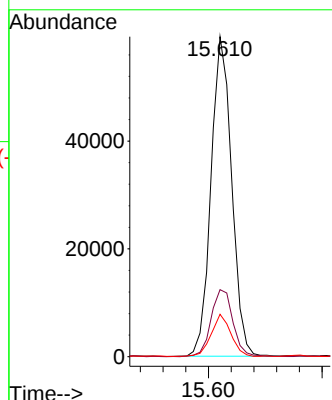
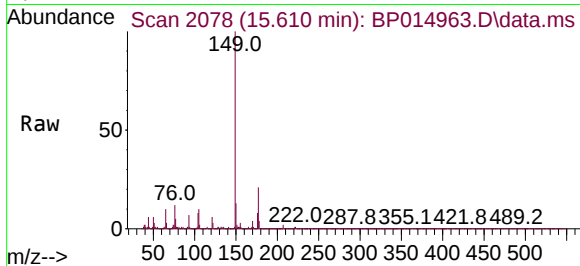
#59
Diethylphthalate
Concen: 1.775 ng/ul
RT: 15.610 min Scan# 2079
Delta R.T. -0.006 min
Lab File: BP014963.D
Acq: 04 May 2023 21:08

Instrument :
BNA_P
ClientSampleId :
EW937MSD

Tgt Ion:149 Resp: 74880
Ion Ratio Lower Upper
149 100
177 21.0 17.5 26.3
150 13.2 9.6 14.4

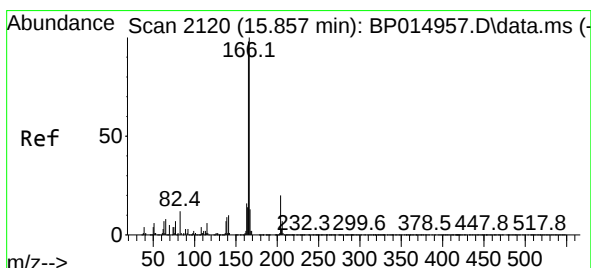
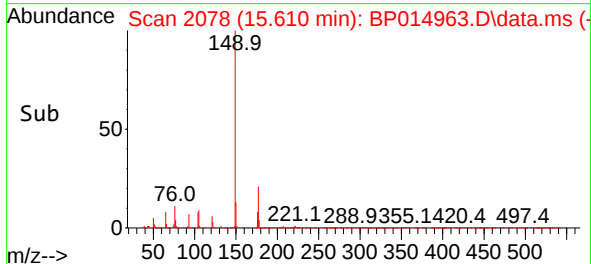
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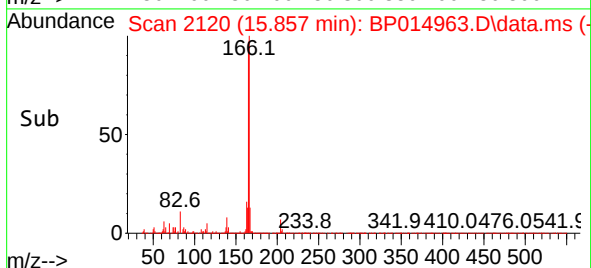
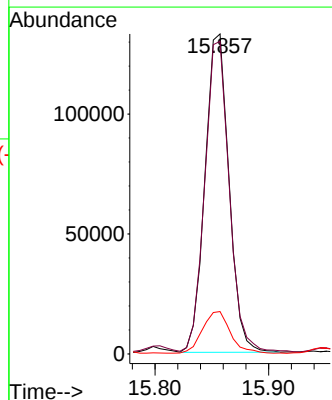
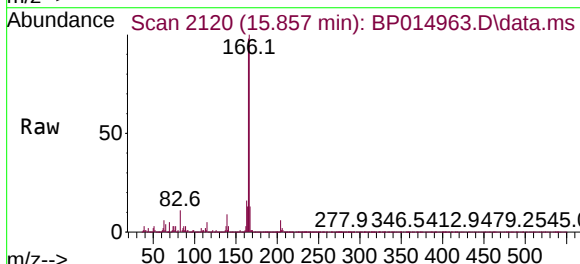
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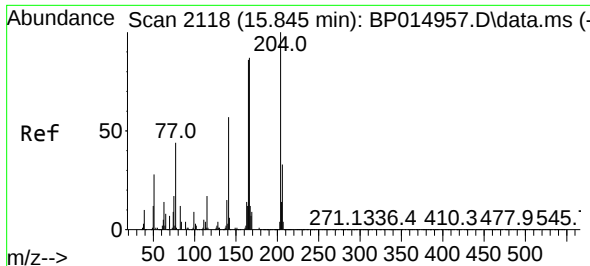
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#61
Fluorene
Concen: 4.588 ng/ul
RT: 15.857 min Scan# 2120
Delta R.T. -0.000 min
Lab File: BP014963.D
Acq: 04 May 2023 21:08

Tgt Ion:166 Resp: 195046
Ion Ratio Lower Upper
166 100
165 97.7 79.3 118.9
167 13.3 10.7 16.1





#62
4-Chlorophenyl-phenylether
Concen: 1.813 ng/ul
RT: 15.845 min Scan# 2118
Delta R.T. -0.000 min
Lab File: BP014963.D
Acq: 04 May 2023 21:08

Instrument :
BNA_P
ClientSampleId :
EW937MSD

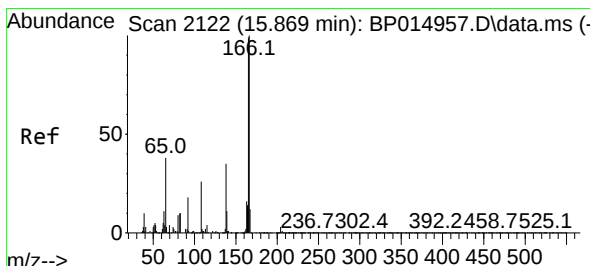
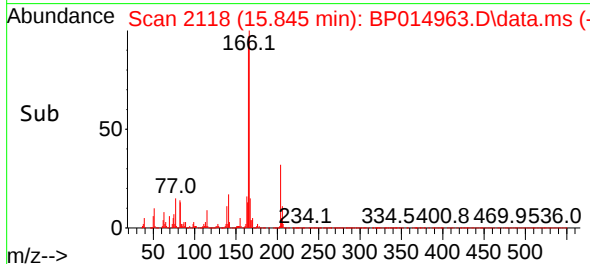
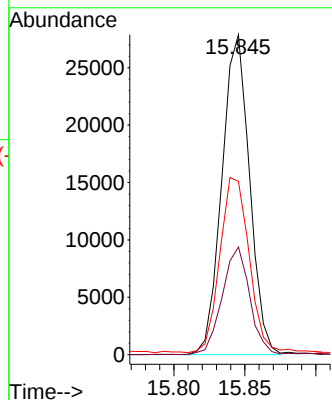
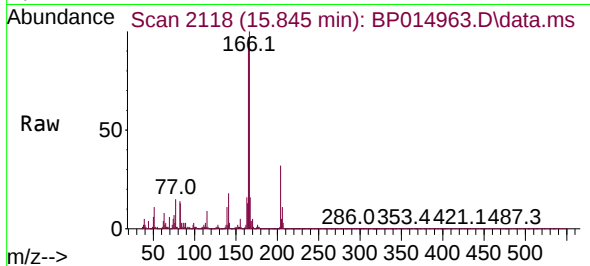
Tgt Ion:	204	Resp:	37710
Ion Ratio	Lower	Upper	
204	100		
206	33.7	26.2	39.2
141	54.1	46.8	70.2

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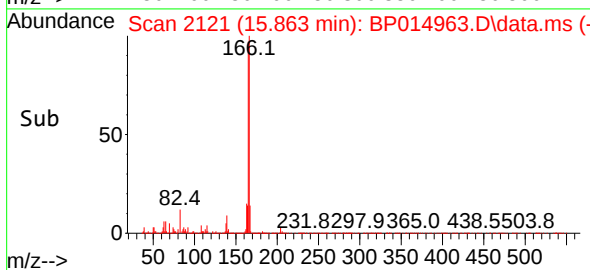
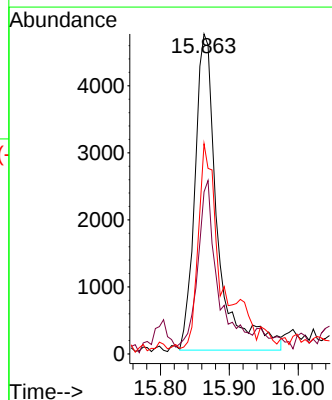
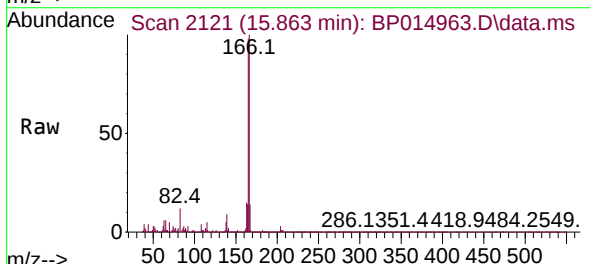
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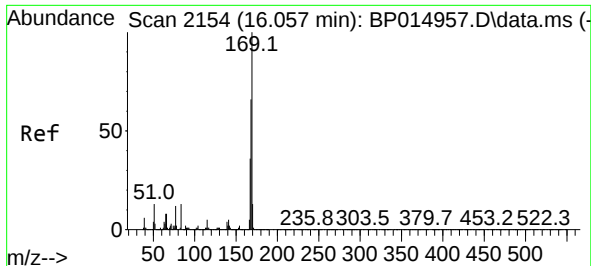
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#63
4-Nitroaniline
Concen: 1.825 ng/ul m
RT: 15.863 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BP014963.D
Acq: 04 May 2023 21:08

Tgt Ion:	138	Resp:	10869
Ion Ratio	Lower	Upper	
138	100		
92	50.7	43.7	65.5
108	65.7	57.4	86.2





#67
N-Nitrosodiphenylamine
Concen: 1.905 ng/ul
RT: 16.057 min Scan# 2154
Delta R.T. -0.000 min
Lab File: BP014963.D
Acq: 04 May 2023 21:08

Instrument :

BNA_P

ClientSampleId :

EW937MSD

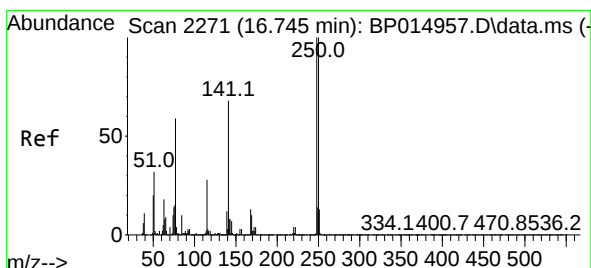
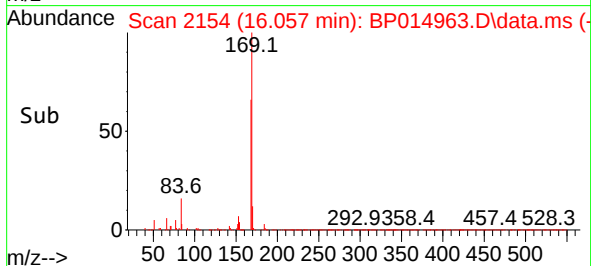
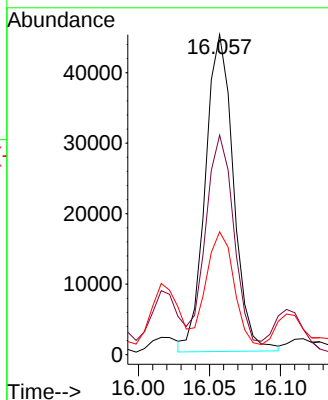
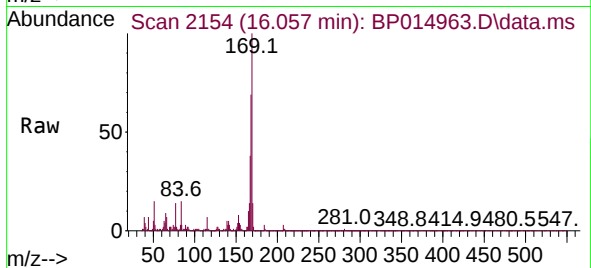
Tgt Ion:169 Resp: 6199
Ion Ratio Lower Upper
169 100
168 68.6 53.5 80.3
167 38.4 29.3 43.9

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Supervised By :Jagrut Upadhyay 05/05/2023

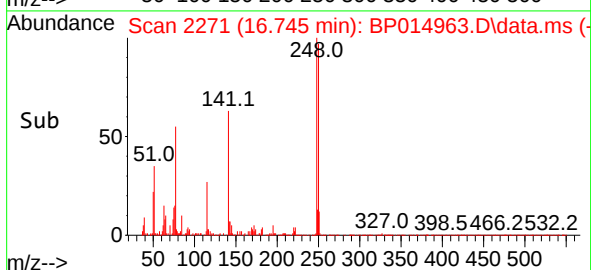
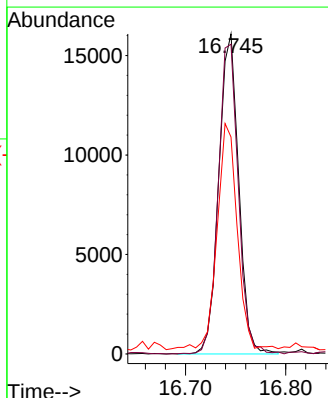
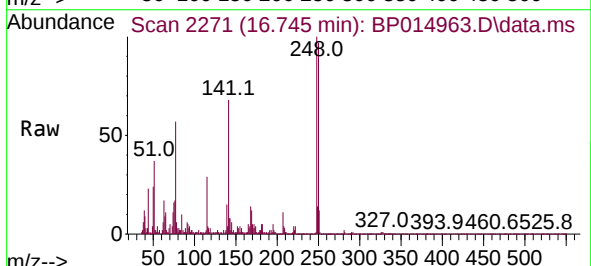
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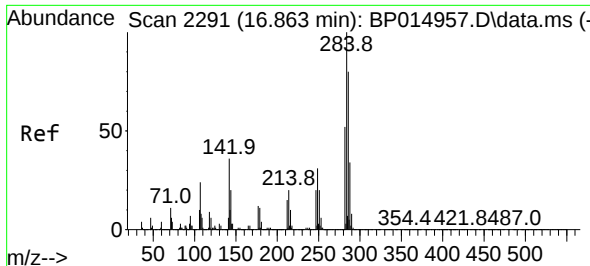
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#68
4-Bromophenyl-phenylether
Concen: 1.986 ng/ul
RT: 16.745 min Scan# 2271
Delta R.T. -0.000 min
Lab File: BP014963.D
Acq: 04 May 2023 21:08

Tgt Ion:248 Resp: 22159
Ion Ratio Lower Upper
248 100
250 96.8 79.5 119.3
141 67.8 60.2 90.4





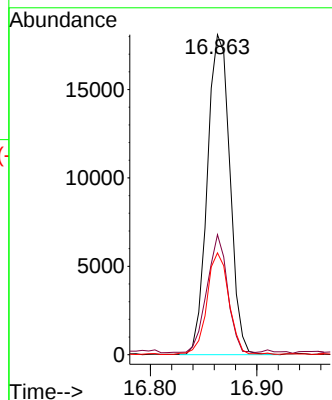
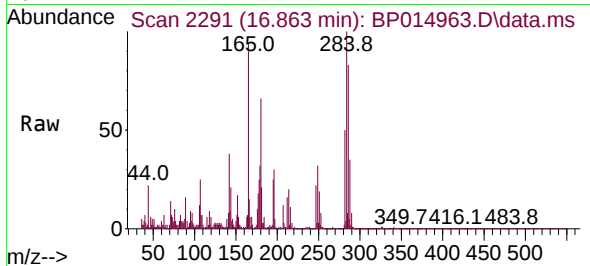
#69
Hexachlorobenzene
Concen: 2.029 ng/ul
RT: 16.863 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP014963.D
Acq: 04 May 2023 21:08

Instrument :
BNA_P
ClientSampleId :
EW937MSD

Tgt Ion:284 Resp: 2665
Ion Ratio Lower Upper
284 100
142 37.5 30.2 45.2
249 31.8 24.5 36.7

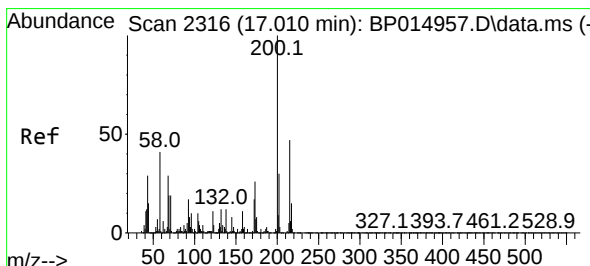
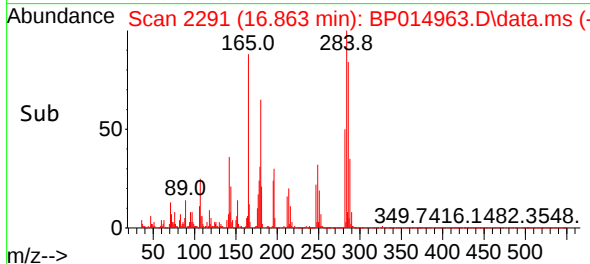
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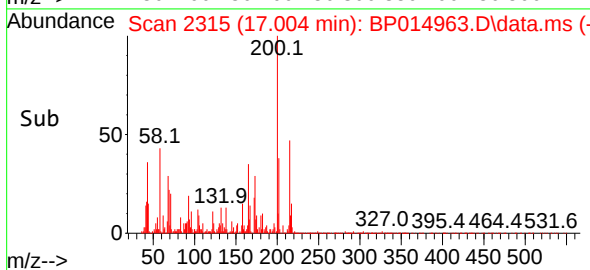
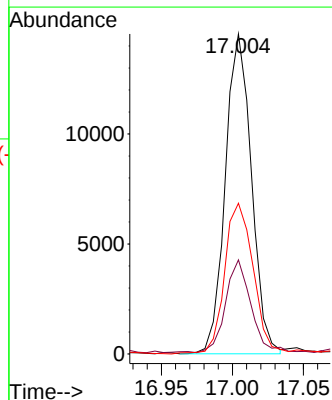
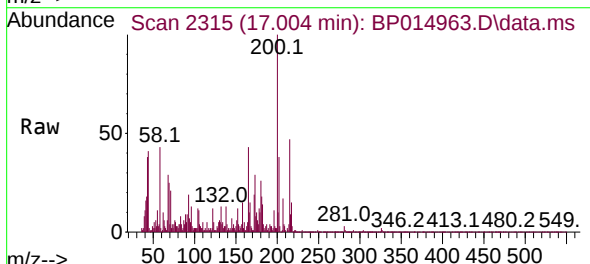
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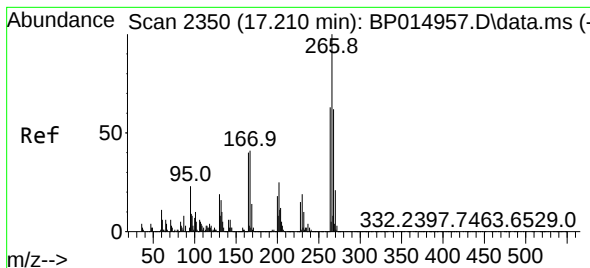
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#70
Atrazine
Concen: 1.695 ng/ul
RT: 17.004 min Scan# 2315
Delta R.T. -0.006 min
Lab File: BP014963.D
Acq: 04 May 2023 21:08

Tgt Ion:200 Resp: 18566
Ion Ratio Lower Upper
200 100
173 29.4 21.8 32.6
215 47.1 39.0 58.4





#71

Pentachlorophenol

Concen: 1.254 ng/ul

RT: 17.204 min Scan# 2417

Delta R.T. -0.006 min

Lab File: BP014963.D

Acq: 04 May 2023 21:08

Instrument :

BNA_P

ClientSampleId :

EW937MSD

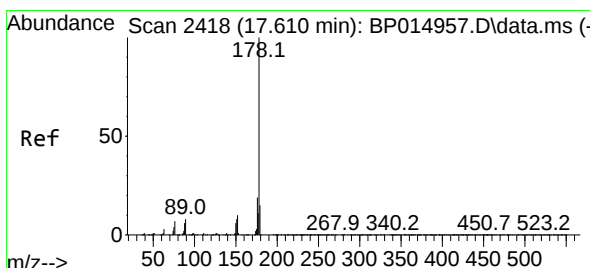
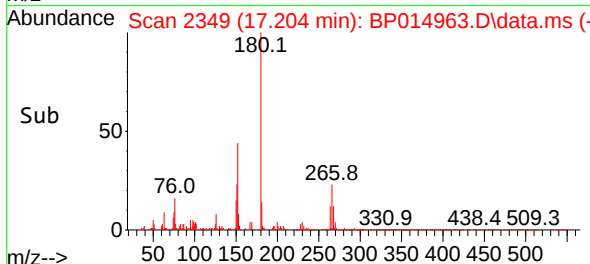
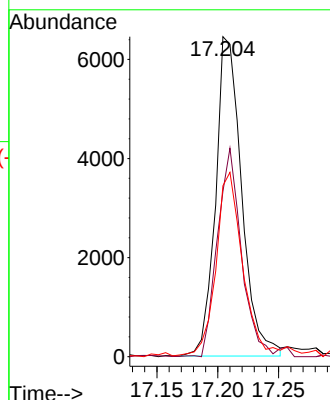
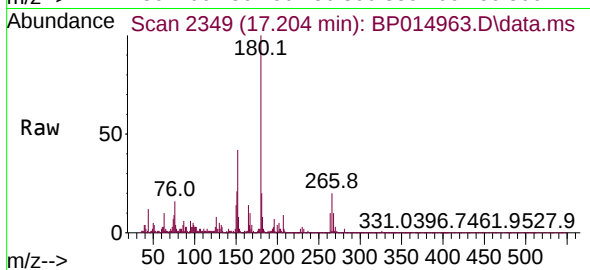
Tgt Ion:	266	Resp:	962
Ion Ratio	Lower	Upper	
266	100		
264	51.7	48.9	73.3
268	59.4	49.6	74.4

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#72

Phenanthrene

Concen: 40.876 ng/ul

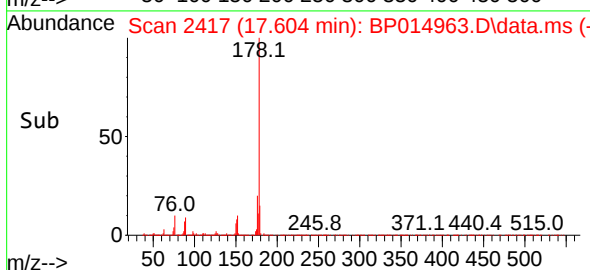
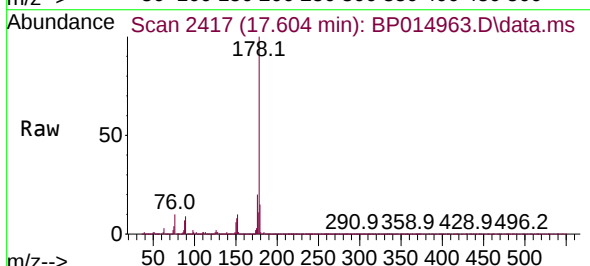
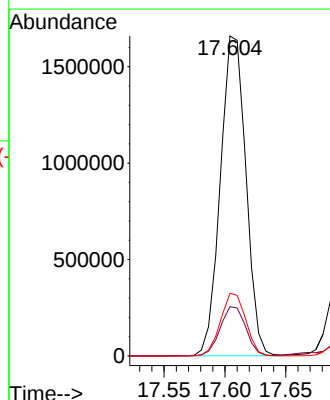
RT: 17.604 min Scan# 2417

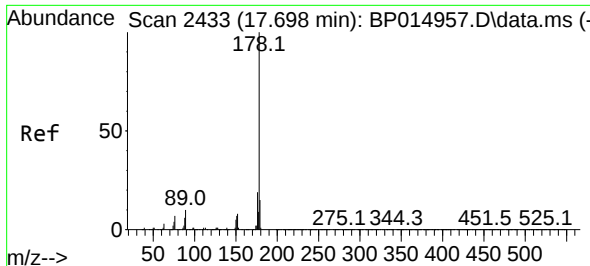
Delta R.T. -0.006 min

Lab File: BP014963.D

Acq: 04 May 2023 21:08

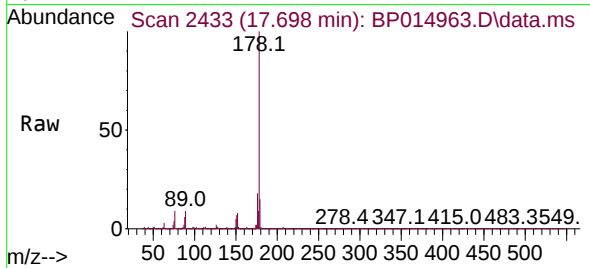
Tgt Ion:	178	Resp:	2421758
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.2	18.4
176	19.5	15.4	23.0





#74
 Anthracene
 Concen: 12.485 ng/uI
 RT: 17.698 min Scan# 2433
 Delta R.T. -0.000 min
 Lab File: BP014963.D
 Acq: 04 May 2023 21:08

Instrument :
 BNA_P
 ClientSampleId :
 EW937MSD



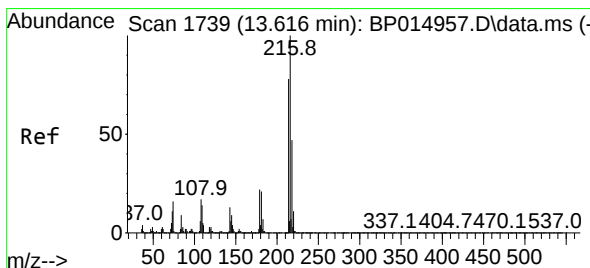
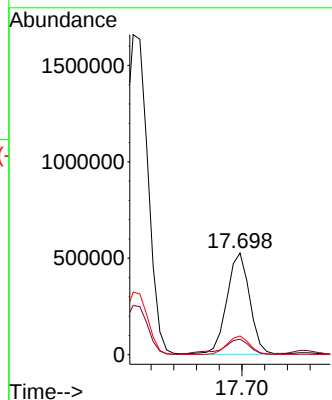
Tgt Ion:178 Resp: 736419
 Ion Ratio Lower Upper
 178 100
 179 15.3 12.6 18.8
 176 18.4 15.0 22.4

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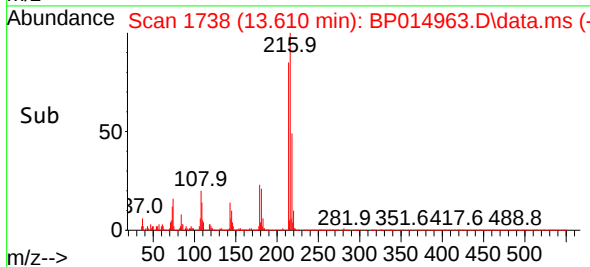
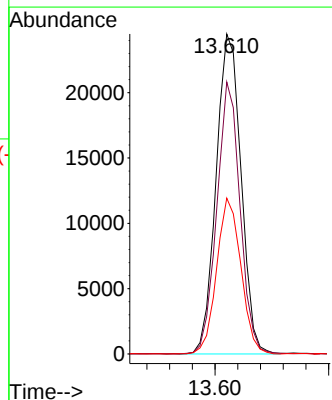
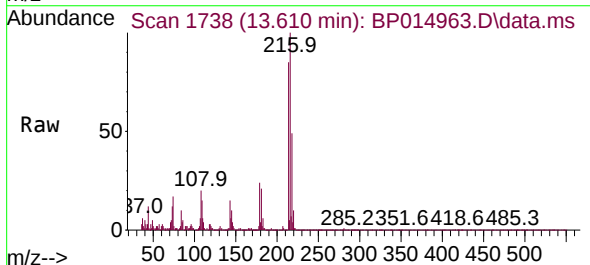
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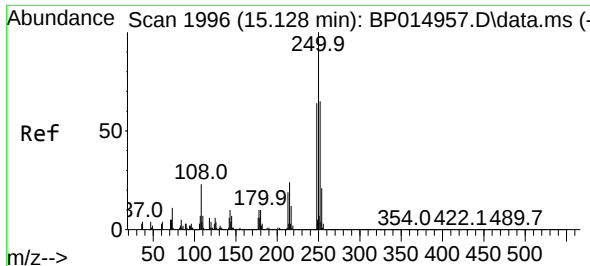
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#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 2.104 ng/uI
 RT: 13.610 min Scan# 1738
 Delta R.T. -0.000 min
 Lab File: BP014963.D
 Acq: 04 May 2023 21:08

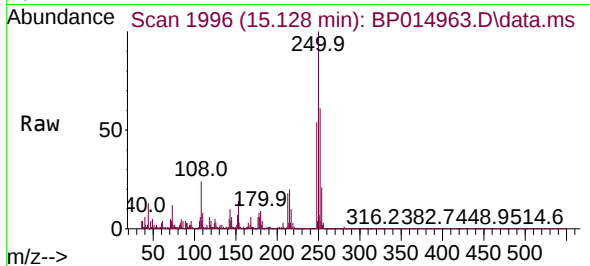
Tgt Ion:216 Resp: 37359
 Ion Ratio Lower Upper
 216 100
 214 85.0 60.5 90.7
 218 48.7 38.6 58.0





#76
Pentachlorobenzene
Concen: 1.998 ng/uL
RT: 15.128 min Scan# 1996
Delta R.T. -0.000 min
Lab File: BP014963.D
Acq: 04 May 2023 21:08

Instrument :
BNA_P
ClientSampleId :
EW937MSD



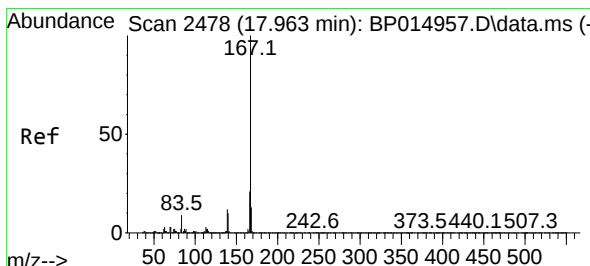
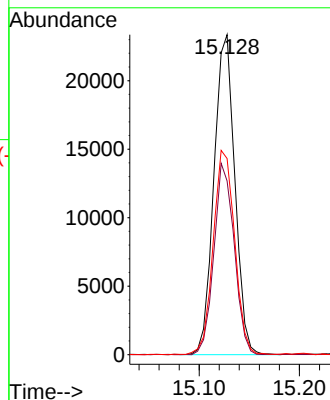
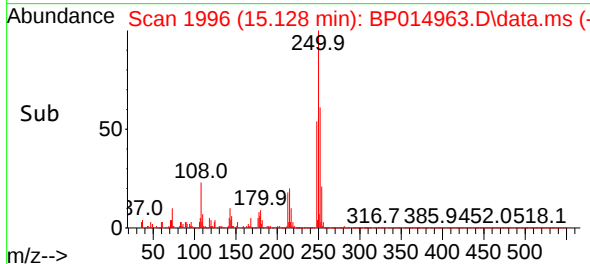
Tgt Ion:250 Resp: 33744
Ion Ratio Lower Upper
250 100
248 54.3 50.5 75.7
252 61.3 50.5 75.7

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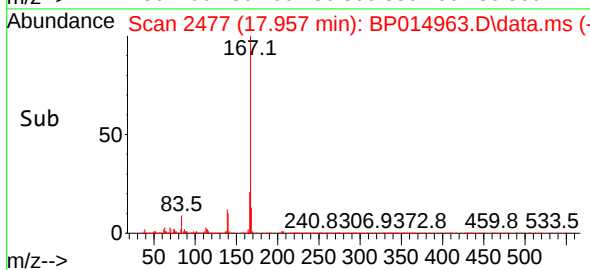
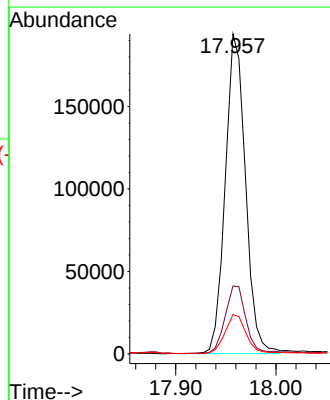
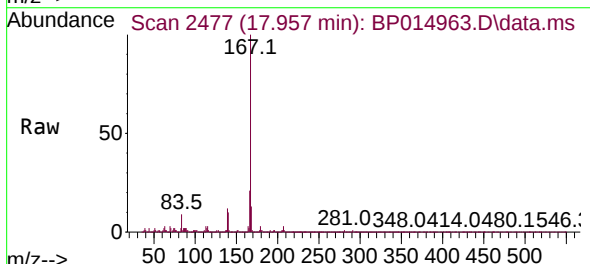
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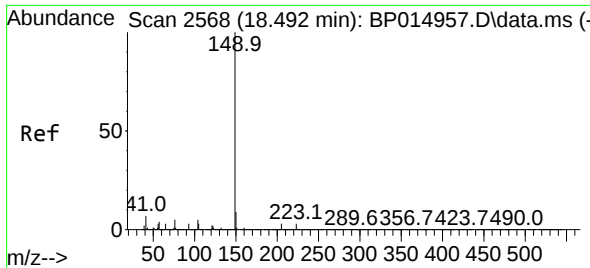
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#77
Carbazole
Concen: 5.467 ng/uL
RT: 17.957 min Scan# 2477
Delta R.T. -0.006 min
Lab File: BP014963.D
Acq: 04 May 2023 21:08

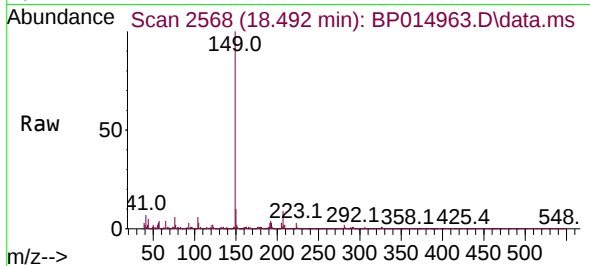
Tgt Ion:167 Resp: 271213
Ion Ratio Lower Upper
167 100
166 21.3 17.1 25.7
139 12.3 10.1 15.1





#78
Di-n-butylphthalate
Concen: 2.090 ng/ul
RT: 18.492 min Scan# 2568
Delta R.T. -0.000 min
Lab File: BP014963.D
Acq: 04 May 2023 21:08

Instrument :
BNA_P
ClientSampleId :
EW937MSD



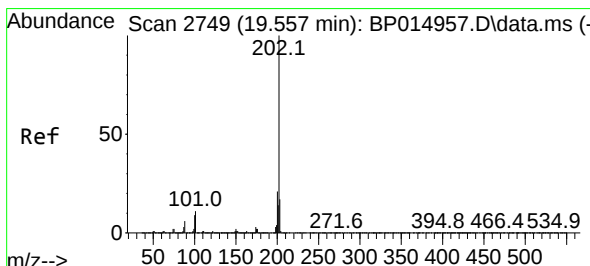
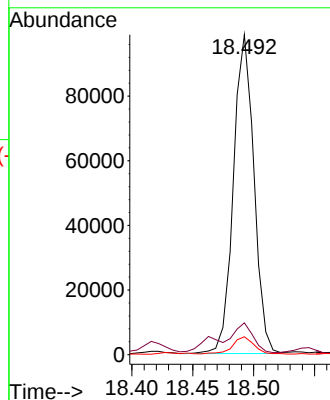
Tgt Ion:149 Resp: 11593
Ion Ratio Lower Upper
149 100
150 10.0 7.4 11.2
104 5.6 4.1 6.1

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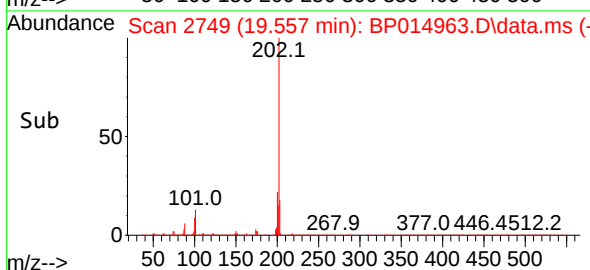
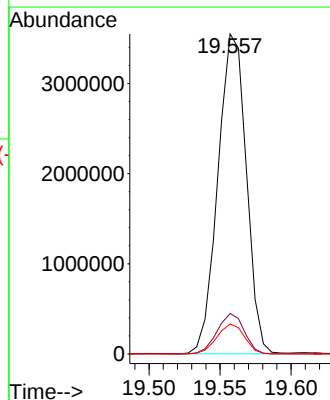
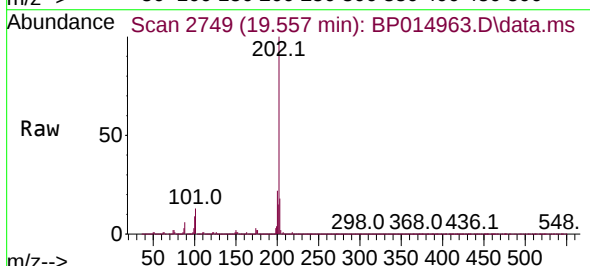
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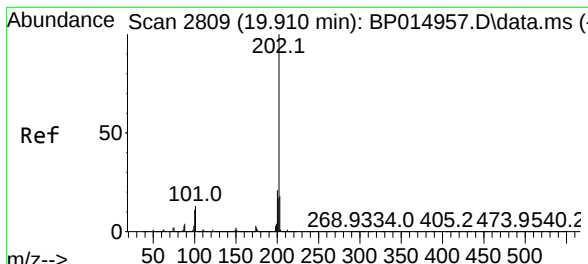
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#80
Fluoranthene
Concen: 54.731 ng/ul
RT: 19.557 min Scan# 2749
Delta R.T. -0.000 min
Lab File: BP014963.D
Acq: 04 May 2023 21:08

Tgt Ion:202 Resp: 4932473
Ion Ratio Lower Upper
202 100
101 12.7 10.1 15.1
100 9.3 7.7 11.5





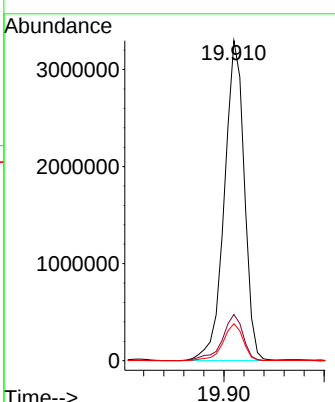
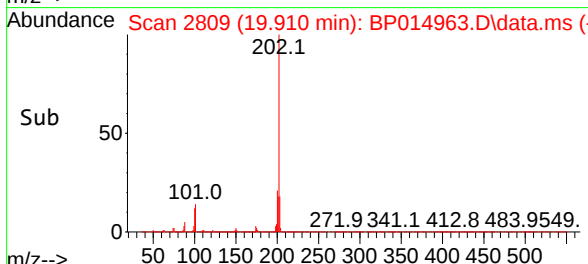
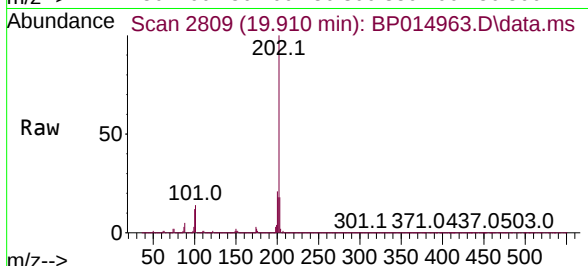
#82
 Pyrene
 Concen: 47.507 ng/ul
 RT: 19.910 min Scan# 2809
 Delta R.T. -0.000 min
 Lab File: BP014963.D
 Acq: 04 May 2023 21:08

Instrument : BNA_P
 ClientSampleId : EW937MSD

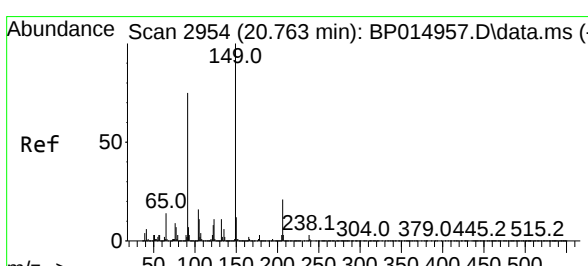
Tgt Ion: 202 Resp: 4536090

Ion	Ratio	Lower	Upper
202	100		
101	14.5	11.9	17.9
100	11.5	9.7	14.5

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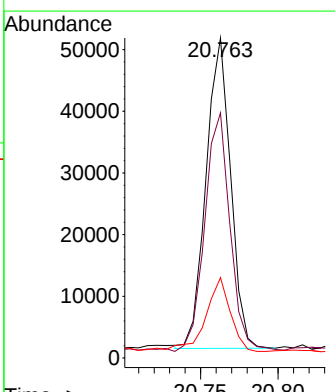
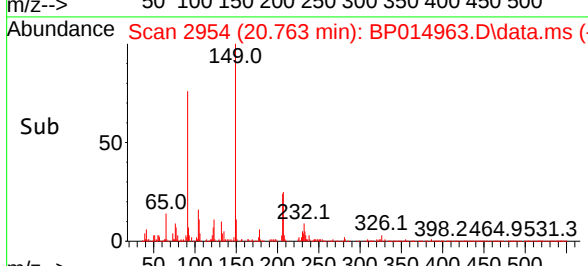
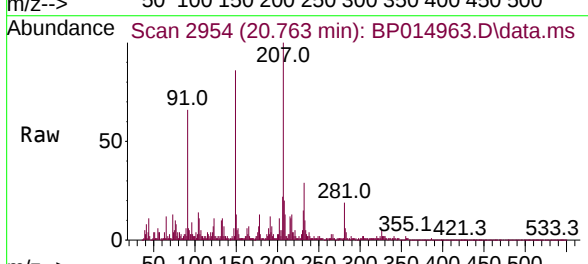
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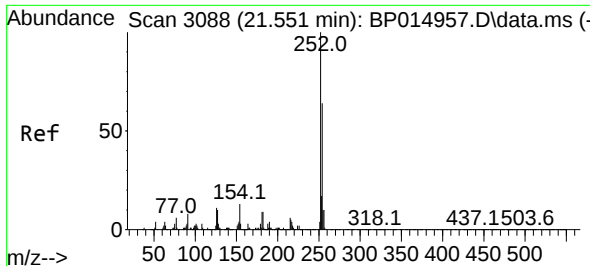


#83
 Butylbenzylphthalate
 Concen: 1.933 ng/ul
 RT: 20.763 min Scan# 2954
 Delta R.T. -0.000 min
 Lab File: BP014963.D
 Acq: 04 May 2023 21:08

Tgt Ion: 149 Resp: 55410

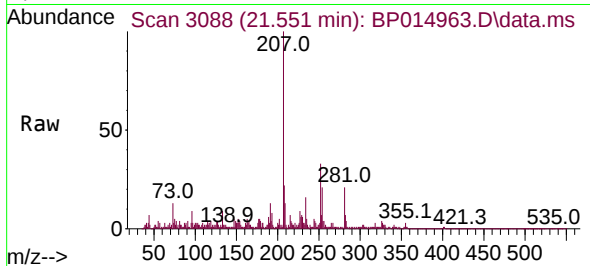
Ion	Ratio	Lower	Upper
149	100		
91	76.6	60.1	90.1
206	25.1	16.0	24.0





#84
3,3'-Dichlorobenzidine
Concen: 2.361 ng/ul
RT: 21.551 min Scan# 3088
Delta R.T. -0.000 min
Lab File: BP014963.D
Acq: 04 May 2023 21:08

Instrument :
BNA_P
ClientSampleId :
EW937MSD



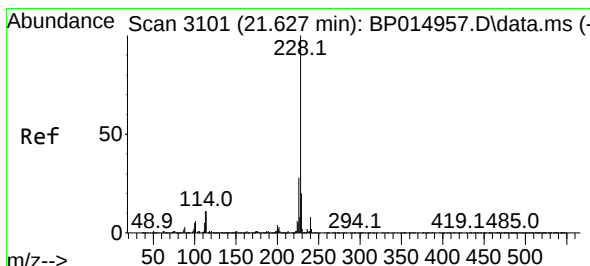
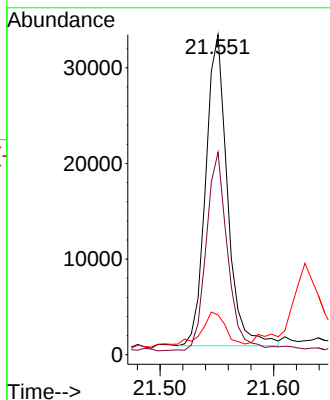
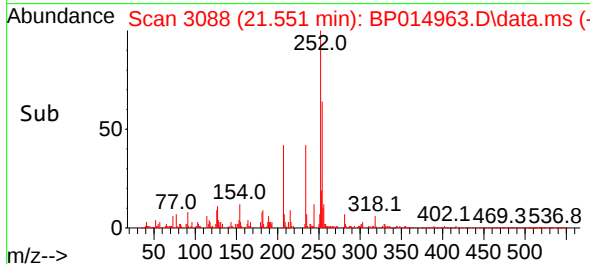
Tgt Ion:252 Resp: 43260
Ion Ratio Lower Upper
252 100
254 63.3 53.3 79.9
126 12.4 9.0 13.6

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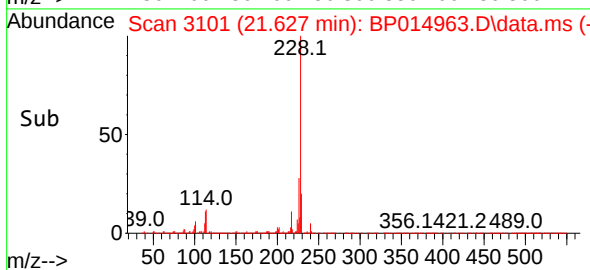
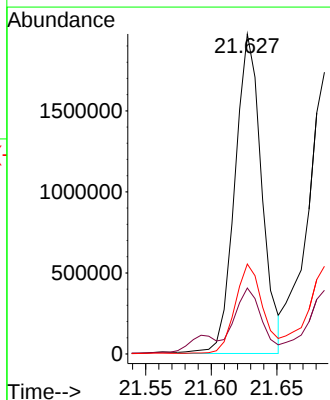
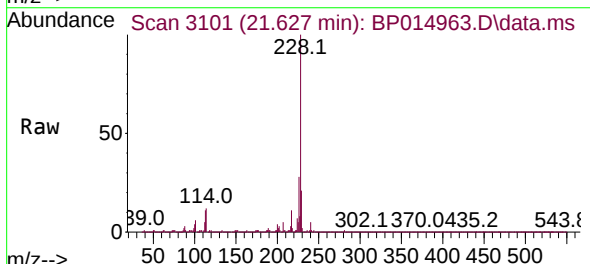
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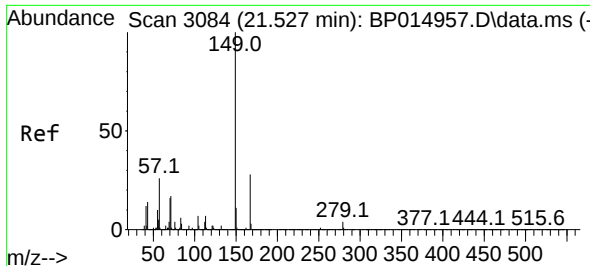
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#85
Benzo(a)anthracene
Concen: 38.665 ng/ul
RT: 21.627 min Scan# 3101
Delta R.T. -0.000 min
Lab File: BP014963.D
Acq: 04 May 2023 21:08

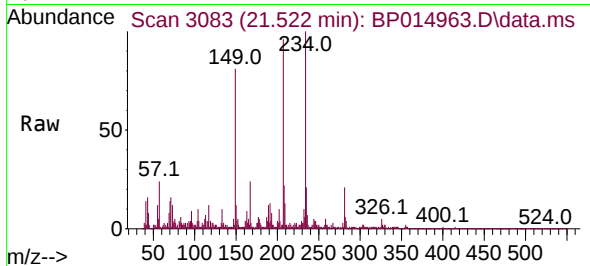
Tgt Ion:228 Resp: 2810360
Ion Ratio Lower Upper
228 100
229 20.6 15.9 23.9
226 28.1 22.1 33.1





#86
Bis(2-ethylhexyl)phthalate
Concen: 2.740 ng/ul
RT: 21.522 min Scan# 3084
Delta R.T. -0.006 min
Lab File: BP014963.D
Acq: 04 May 2023 21:08

Instrument :
BNA_P
ClientSampleId :
EW937MSD



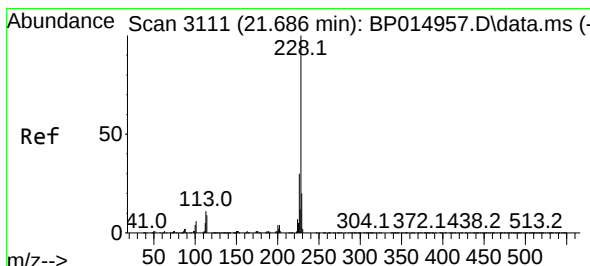
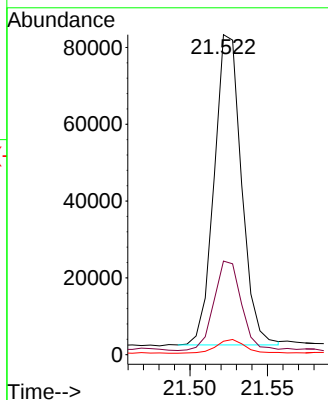
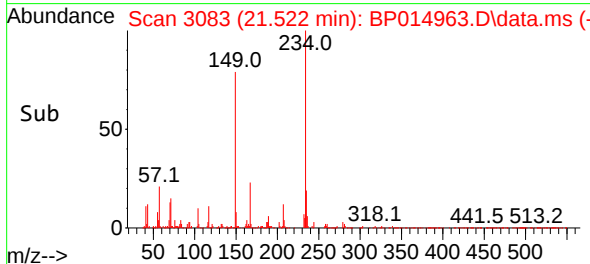
Tgt Ion:149 Resp: 9882
Ion Ratio Lower Upper
149 100
167 29.3 22.0 33.0
279 4.2 2.9 4.3

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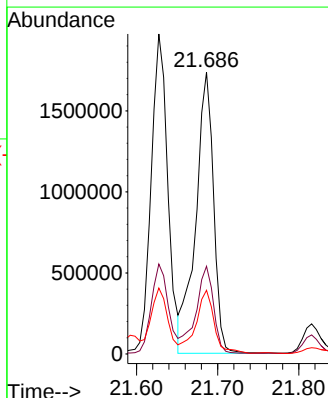
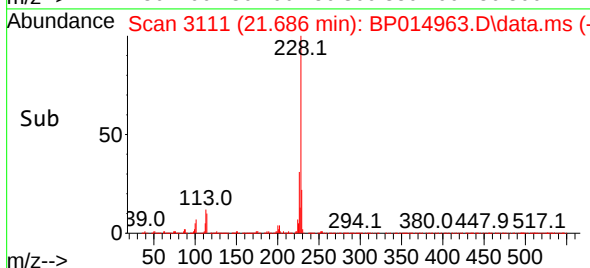
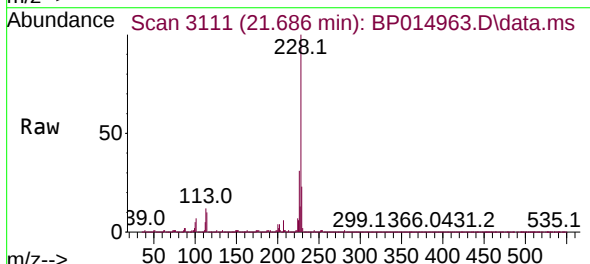
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Upadhyay

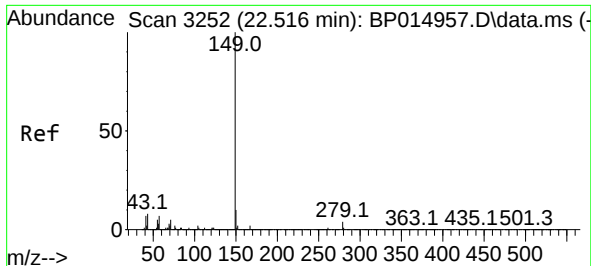
05/05/2023



#87
Chrysene
Concen: 36.266 ng/ul
RT: 21.686 min Scan# 3111
Delta R.T. -0.000 min
Lab File: BP014963.D
Acq: 04 May 2023 21:08

Tgt Ion:228 Resp: 2654179
Ion Ratio Lower Upper
228 100
226 31.1 24.3 36.5
229 22.6 15.8 23.8





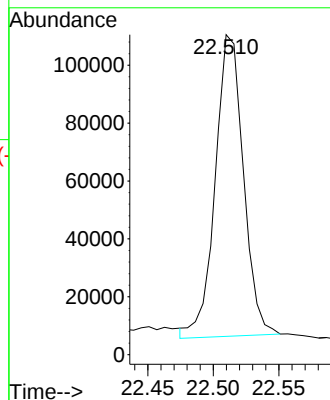
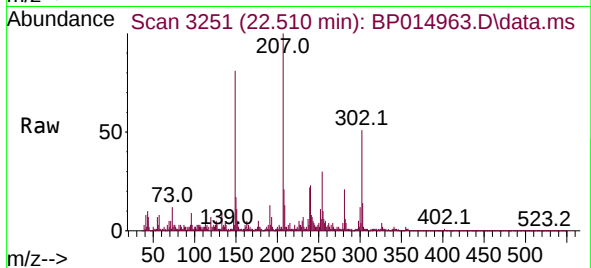
#89
Di-n-octyl phthalate
Concen: 1.953 ng/ul
RT: 22.510 min Scan# 311
Delta R.T. -0.006 min
Lab File: BP014963.D
Acq: 04 May 2023 21:08

Instrument :
BNA_P
ClientSampleId :
EW937MSD

Tgt Ion:149 Resp: 155624

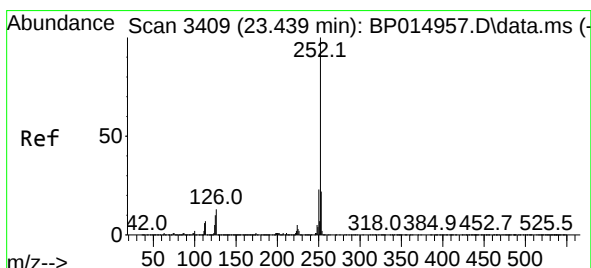
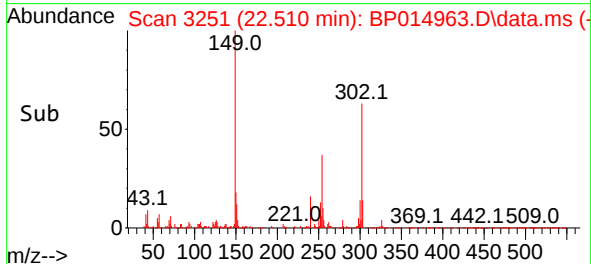
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Supervised By :Jagrut Upadhyay 05/05/2023



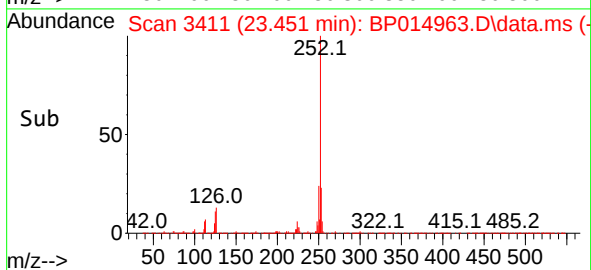
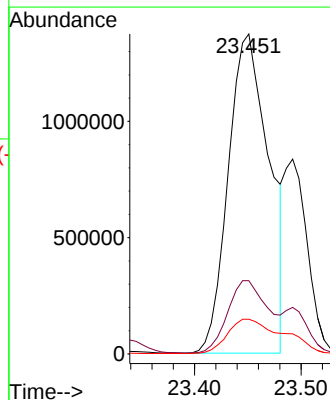
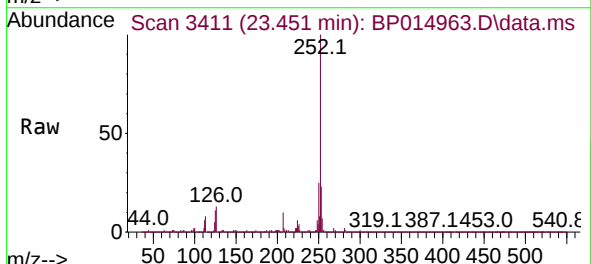
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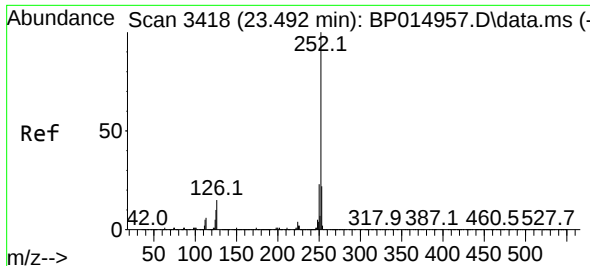
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#90
Benzo(b)fluoranthene
Concen: 41.381 ng/ul
RT: 23.451 min Scan# 3411
Delta R.T. 0.012 min
Lab File: BP014963.D
Acq: 04 May 2023 21:08

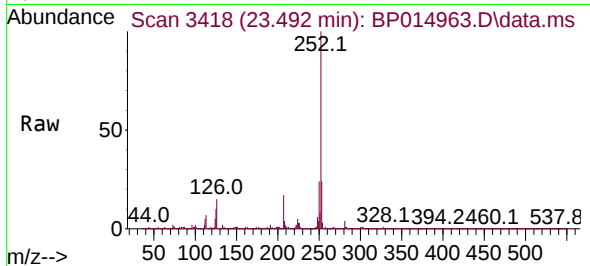
Tgt Ion:252 Resp: 3650666
Ion Ratio Lower Upper
252 100
253 22.9 17.4 26.2
125 10.8 8.4 12.6





#91
Benzo(k)fluoranthene
Concen: 13.811 ng/ul m
RT: 23.492 min Scan# 3418
Delta R.T. -0.000 min
Lab File: BP014963.D
Acq: 04 May 2023 21:08

Instrument :
BNA_P
ClientSampleId :
EW937MSD



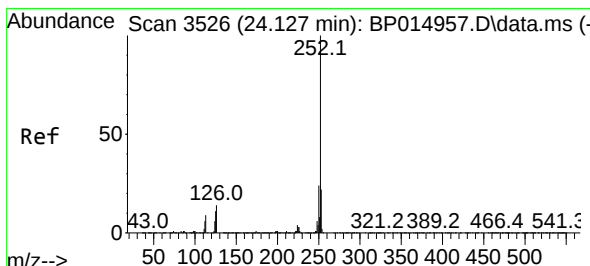
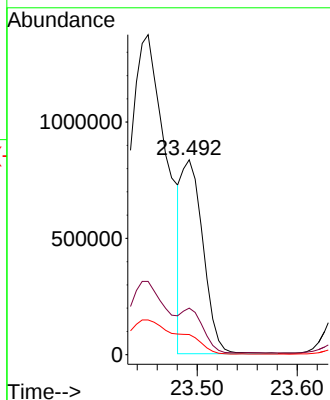
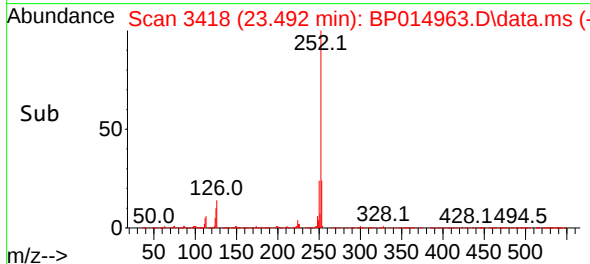
Tgt Ion:252 Resp: 124005
Ion Ratio Lower Upper
252 100
253 23.9 17.8 26.6
125 10.4 8.9 13.3

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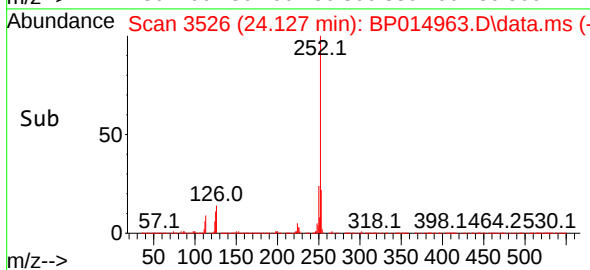
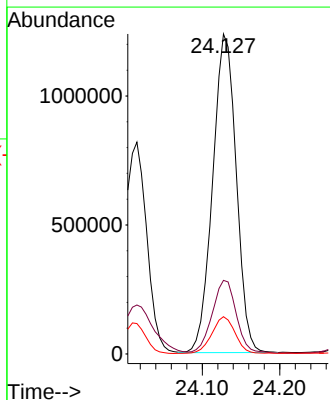
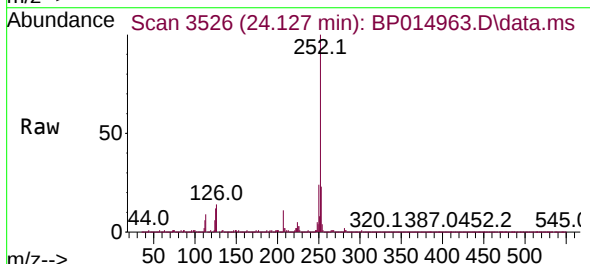
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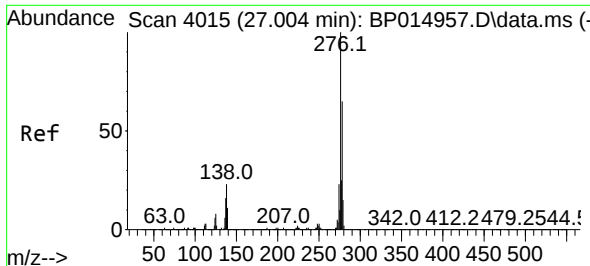
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#93
Benzo(a)pyrene
Concen: 33.740 ng/ul
RT: 24.127 min Scan# 3526
Delta R.T. -0.000 min
Lab File: BP014963.D
Acq: 04 May 2023 21:08

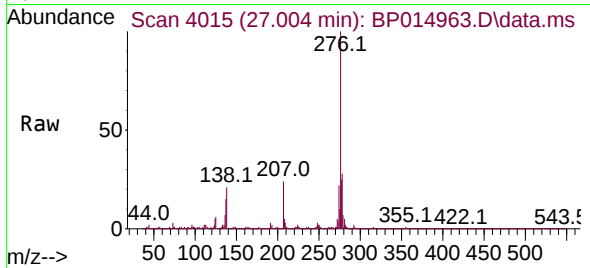
Tgt Ion:252 Resp: 2610409
Ion Ratio Lower Upper
252 100
253 23.0 17.5 26.3
125 11.7 9.4 14.2





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 20.268 ng/ul
 RT: 27.004 min Scan# 4015
 Delta R.T. 0.006 min
 Lab File: BP014963.D
 Acq: 04 May 2023 21:08

Instrument :
 BNA_P
 ClientSampleId :
 EW937MSD



Tgt Ion: 276 Resp: 191275

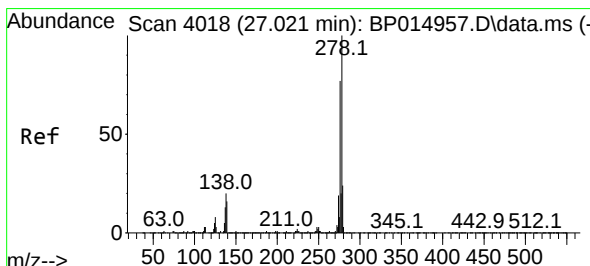
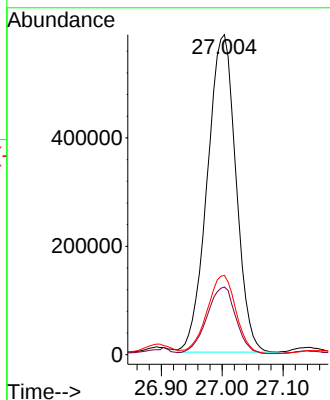
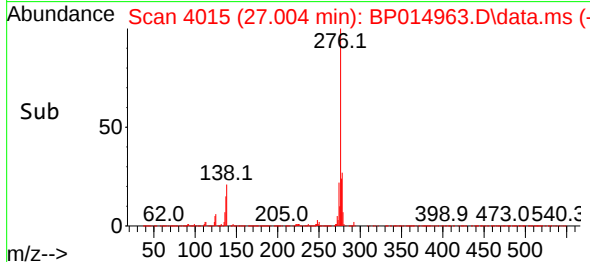
Ion	Ratio	Lower	Upper
276	100		
138	21.2	19.4	29.0
277	24.8	19.4	29.2

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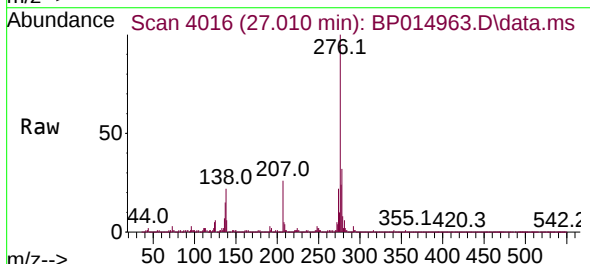
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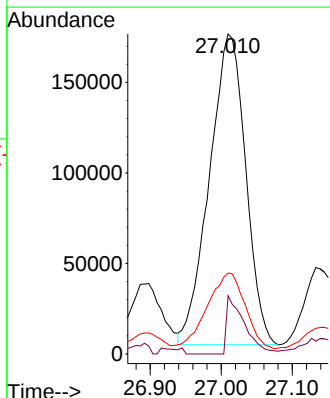
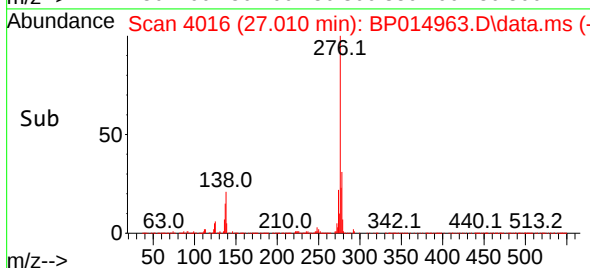


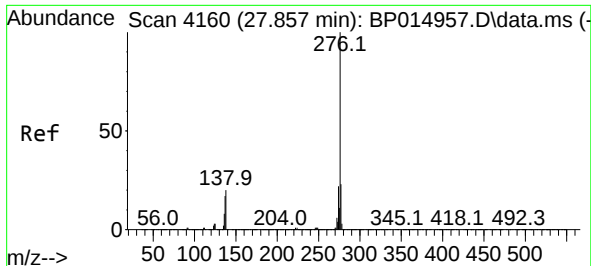
#95
 Dibenzo(a,h)anthracene
 Concen: 7.876 ng/ul
 RT: 27.010 min Scan# 4016
 Delta R.T. -0.006 min
 Lab File: BP014963.D
 Acq: 04 May 2023 21:08



Tgt Ion: 278 Resp: 609258

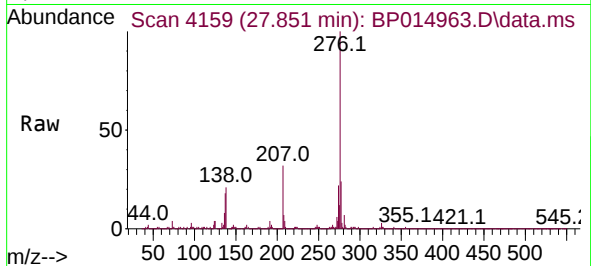
Ion	Ratio	Lower	Upper
278	100		
139	18.2	12.9	19.3
279	25.3	19.0	28.6





#96
Benzo(g,h,i)perylene
Concen: 20.230 ng/ul
RT: 27.851 min Scan# 41
Delta R.T. 0.006 min
Lab File: BP014963.D
Acq: 04 May 2023 21:08

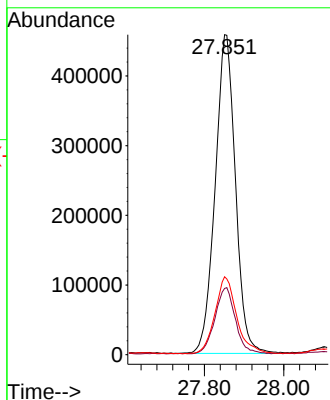
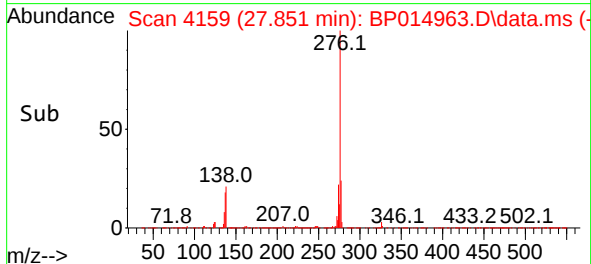
Instrument :
BNA_P
ClientSampleId :
EW937MSD



Tgt Ion:276 Resp: 1624909
Ion Ratio Lower Upper
276 100
138 20.7 18.0 27.0
277 24.3 19.8 29.8

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