

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020325\
 Data File : BP023894.D
 Acq On : 04 Feb 2025 00:41
 Operator : RC/JU
 Sample : Q1202-02MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E2975MS

Quant Time: Feb 04 07:59:59 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Feb 03 11:19:36 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	486051	20.000	ng/u1	0.00
20) Naphthalene-d8	10.551	136	2118282	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.392	164	1379602	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.192	188	2718071	20.000	ng/u1	0.00
79) Chrysene-d12	21.639	240	2797408	20.000	ng/u1	0.00
88) Perylene-d12	25.027	264	2830889	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	48686	4.162	ng/uL	0.00
4) Pyridine-d5	3.711	84	168696	4.997	ng/u1	0.00
7) Phenol-d5	6.958	99	329351	7.657	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	654879	28.763	ng/u1	0.00
11) 2-Chlorophenol-d4	7.322	132	862650	25.539	ng/u1	0.00
15) 4-Methylphenol-d8	8.481	113	626590	17.832	ng/u1	0.00
21) Nitrobenzene-d5	8.922	128	477769	28.191	ng/u1	0.00
24) 2-Nitrophenol-d4	9.640	143	516735	28.257	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.181	165	992789	29.594	ng/u1	0.01
31) 4-Chloroaniline-d4	10.687	131	1017652	20.284	ng/u1	0.01
46) Dimethylphthalate-d6	13.804	166	3174457	30.848	ng/u1	0.01
49) Acenaphthylene-d8	14.087	160	3387281	29.185	ng/u1	0.00
54) 4-Nitrophenol-d4	14.610	143	174267	8.527	ng/u1	0.00
60) Fluorene-d10	15.398	176	2689227	31.032	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.522	200	532166	31.736	ng/u1	0.01
73) Anthracene-d10	17.292	188	4486835	33.620	ng/u1	0.00
81) Pyrene-d10	19.663	212	5072419	33.841	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.792	264	5035432	34.092	ng/u1	0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.328	88	56231	4.571	ng/uL	98
5) Pyridine	3.728	79	188170	5.568	ng/u1	98
6) Benzaldehyde	6.922	77	468427	22.188	ng/u1	97
8) Phenol	6.987	94	378179	8.562	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.199	93	934768	27.802	ng/u1	98
12) 2-Chlorophenol	7.352	128	897045	25.778	ng/u1	99
13) 2-Methylphenol	8.222	108	707237	21.281	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.293	45	959710	27.667	ng/u1	99
16) Acetophenone	8.587	105	1580161	29.417	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.575	70	756493	29.907	ng/u1	98
18) 4-Methylphenol	8.546	108	699231	18.964	ng/u1	98
19) Hexachloroethane	8.852	117	266797	19.389	ng/u1	97
22) Nitrobenzene	8.963	77	1079638	29.355	ng/u1	99
23) Isophorone	9.493	82	2196721	29.581	ng/u1	99
25) 2-Nitrophenol	9.669	139	572138	28.684	ng/u1	97
26) 2,4-Dimethylphenol	9.734	107	958335	25.959	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.963	93	1323481	28.611	ng/u1	100
29) 2,4-Dichlorophenol	10.210	162	1004299	29.521	ng/u1	99
30) Naphthalene	10.604	128	2947514	25.995	ng/u1	99
32) 4-Chloroaniline	10.710	127	807362	17.052	ng/u1	99
33) Hexachlorobutadiene	10.893	225	452564	21.974	ng/u1	100
34) Caprolactam	11.493	113	53094m	4.028	ng/u1	
35) 4-Chloro-3-methylphenol	11.840	107	1092889	29.885	ng/u1	98
36) 2-Methylnaphthalene	12.216	142	2199658	27.591	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.428	142	2243238	28.363	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.581	216	1145584	28.088	ng/ul	98
40) Hexachlorocyclopentadiene	12.563	237	385186	16.760	ng/ul	99
41) 2,4,6-Trichlorophenol	12.822	196	838505	30.779	ng/ul	99
42) 2,4,5-Trichlorophenol	12.898	196	950765	32.378	ng/ul	100
43) 1,1'-Biphenyl	13.222	154	2999969	29.295	ng/ul	100
44) 2-Chloronaphthalene	13.263	162	2328832	29.186	ng/ul	99
45) 2-Nitroaniline	13.463	65	698239	33.622	ng/ul	94
47) Dimethylphthalate	13.851	163	3218051	31.430	ng/ul	100
48) 2,6-Dinitrotoluene	13.963	165	647812	32.375	ng/ul	95
50) Acenaphthylene	14.116	152	3775203	30.544	ng/ul	99
51) 3-Nitroaniline	14.298	138	677670	30.817	ng/ul	94
52) Acenaphthene	14.463	153	2713753	30.968	ng/ul	99
53) 2,4-Dinitrophenol	14.504	184	347601	29.139	ng/ul	99
55) 4-Nitrophenol	14.628	109	141766	9.805	ng/ul	95
56) Dibenzofuran	14.798	168	3758455	30.952	ng/ul	99
57) 2,4-Dinitrotoluene	14.763	165	982755	33.020	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.034	232	802125	32.101	ng/ul	96
59) Diethylphthalate	15.234	149	3287667	32.049	ng/ul	99
61) Fluorene	15.463	166	3311986	32.879	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.451	204	1589838	31.883	ng/ul	98
63) 4-Nitroaniline	15.475	138	840947	39.306	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.539	198	589423	31.972	ng/ul	99
67) N-Nitrosodiphenylamine	15.669	169	2773369	33.432	ng/ul	99
68) 4-Bromophenyl-phenylether	16.363	248	975995	31.827	ng/ul	100
69) Hexachlorobenzene	16.481	284	1179048	31.732	ng/ul	99
70) Atrazine	16.645	200	868680	27.042	ng/ul	100
71) Pentachlorophenol	16.839	266	730059	31.944	ng/ul	100
72) Phenanthrene	17.233	178	5216168	33.982	ng/ul	99
74) Anthracene	17.328	178	5231954	33.799	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.193	216	1148637	28.859	ng/uL	100
76) Pentachlorobenzene	14.722	250	1279180	29.823	ng/uL	100
77) Carbazole	17.604	167	4955424	36.541	ng/ul	99
78) Di-n-butylphthalate	18.198	149	5844148	34.818	ng/ul	99
80) Fluoranthene	19.316	202	5956774	34.502	ng/ul	99
82) Pyrene	19.692	202	6423935	35.580	ng/ul	97
83) Butylbenzylphthalate	20.645	149	2696601	34.682	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.539	252	854902	14.125	ng/ul	99
85) Benzo(a)anthracene	21.621	228	6158562	33.479	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.563	149	3930115	34.644	ng/ul	99
87) Chrysene	21.686	228	5763498	34.003	ng/ul	98
89) Di-n-octyl phthalate	22.857	149	6331480	37.310	ng/ul	100
90) Benzo(b)fluoranthene	23.951	252	5830462	33.943	ng/ul	98
91) Benzo(k)fluoranthene	24.027	252	6143608	35.677	ng/ul	99
93) Benzo(a)pyrene	24.868	252	5490093	34.225	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.880	276	6991246m	33.624	ng/ul	
95) Dibenzo(a,h)anthracene	28.962	278	5789325	34.323	ng/ul	100
96) Benzo(g,h,i)perylene	30.056	276	5351483m	33.601	ng/ul	

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

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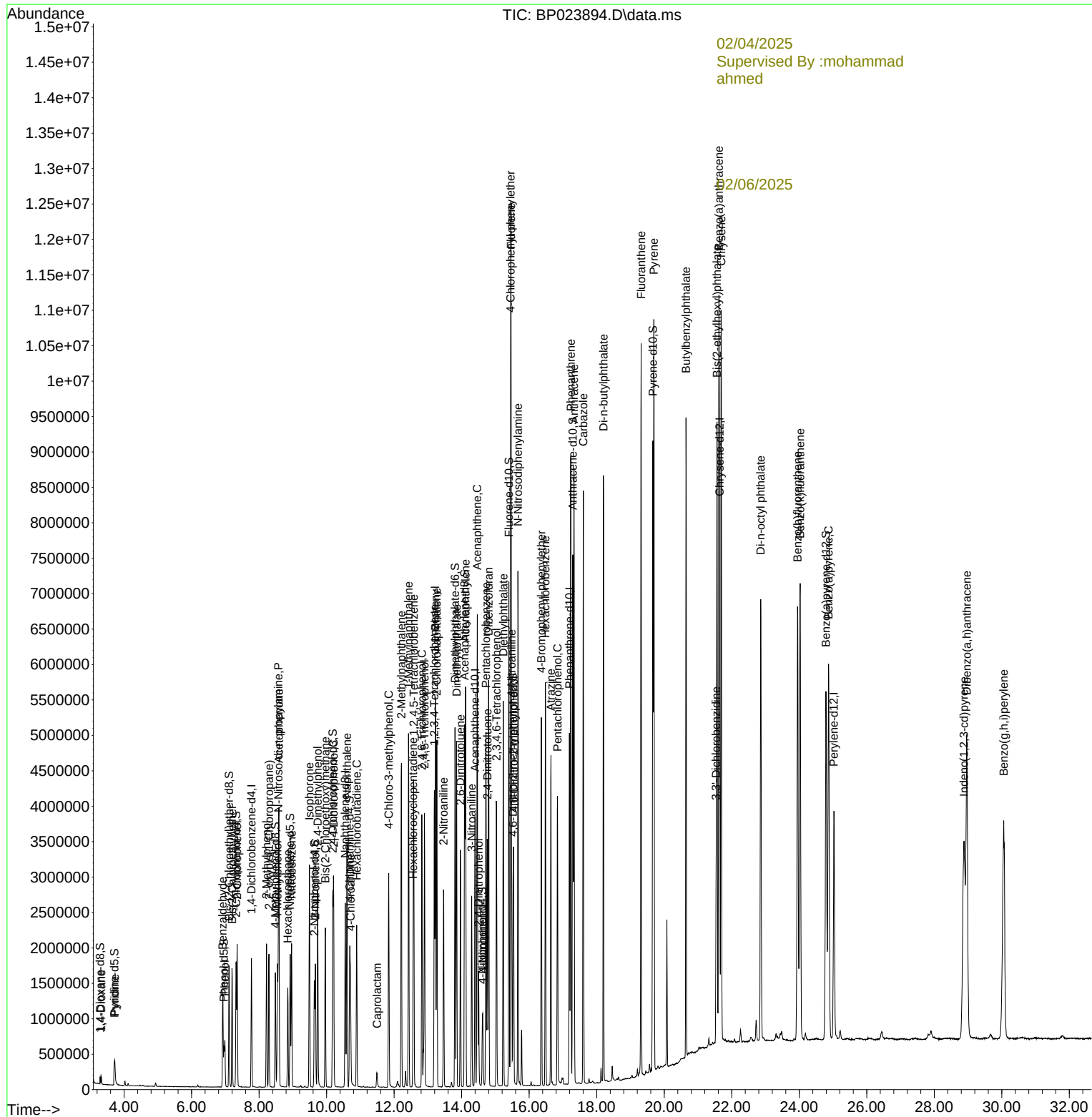
Quant Time: Feb 04 07:59:59 2025

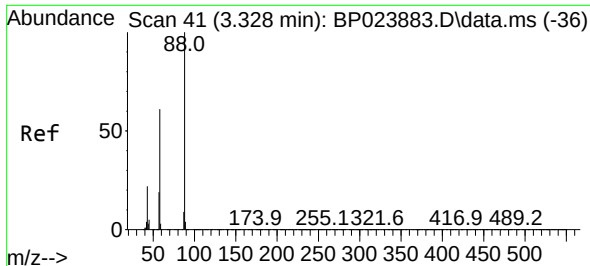
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Mon Feb 03 11:19:36 2025

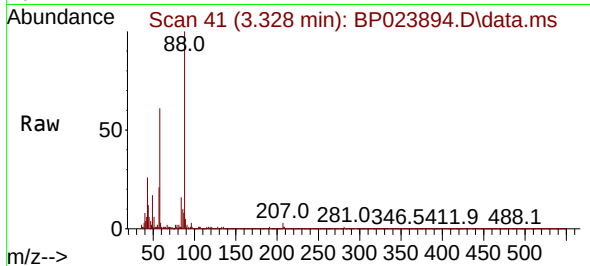
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 4.571 ng/uL
RT: 3.328 min Scan# 41
Delta R.T. -0.000 min
Lab File: BP023894.D
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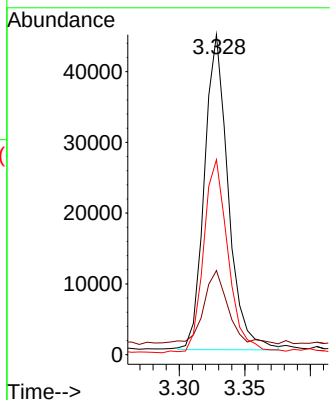
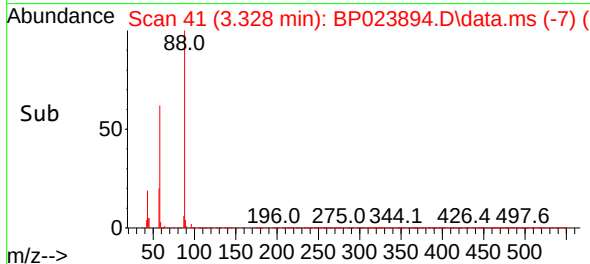
Instrument :
BNA_P
ClientSampleId :
E2975MS



Tgt Ion: 88 Resp: 5623
Ion Ratio Lower Upper
88 100
43 26.3 18.6 27.8
58 60.9 49.3 73.9

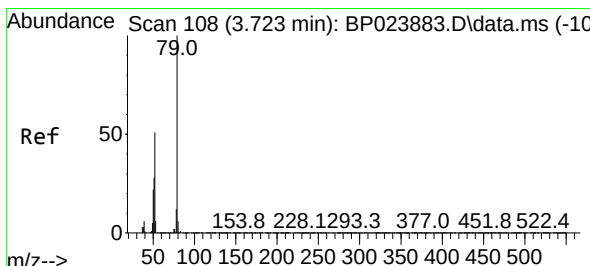
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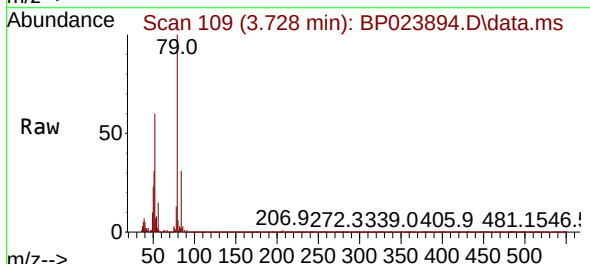


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ahmed

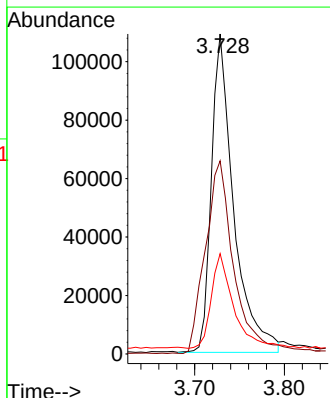
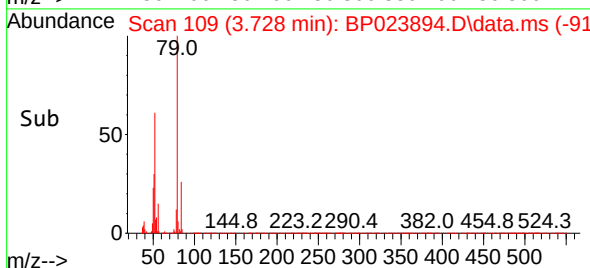
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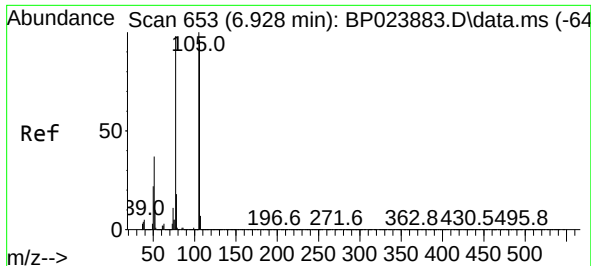


#5
Pyridine
Concen: 5.568 ng/uL
RT: 3.728 min Scan# 109
Delta R.T. 0.006 min
Lab File: BP023894.D
Acq: 04 Feb 2025 00:41



Tgt Ion: 79 Resp: 188170
Ion Ratio Lower Upper
79 100
52 60.4 47.7 71.5
51 31.4 22.7 34.1





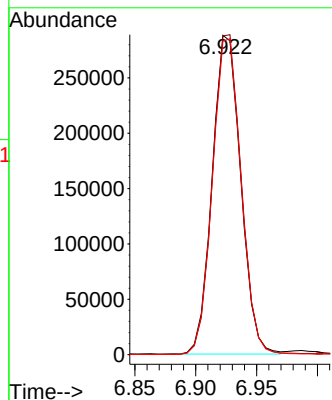
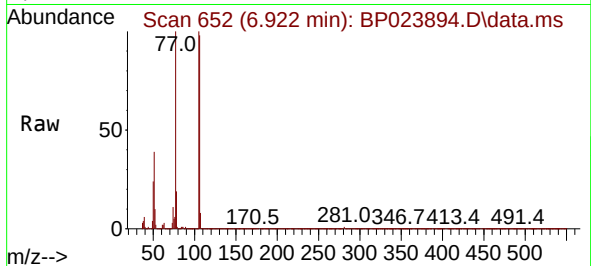
#6
Benzaldehyde
Concen: 22.188 ng/ul
RT: 6.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP023894.D
Acq: 04 Feb 2025 00:41

Instrument :
BNA_P
ClientSampleId :
E2975MS

Tgt Ion: 77 Resp: 46842
Ion Ratio Lower Upper
77 100
105 99.8 82.6 123.8
106 98.1 80.5 120.7

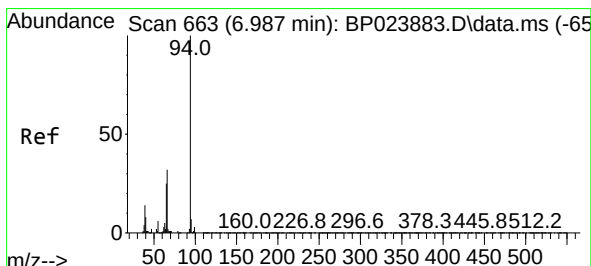
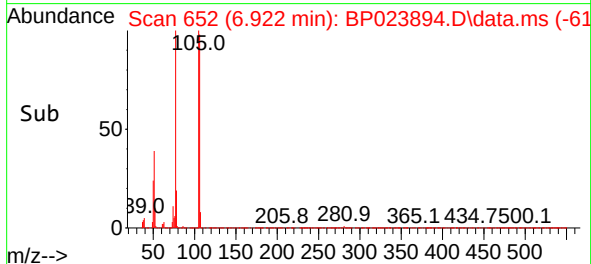
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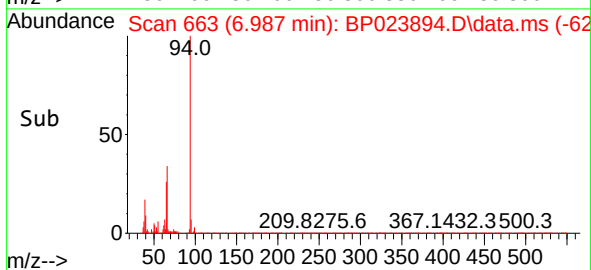
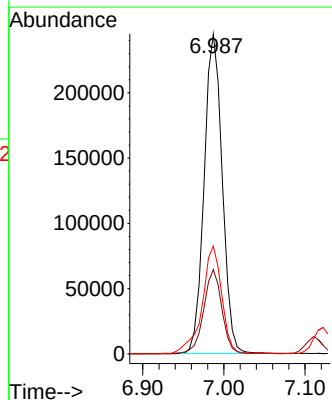
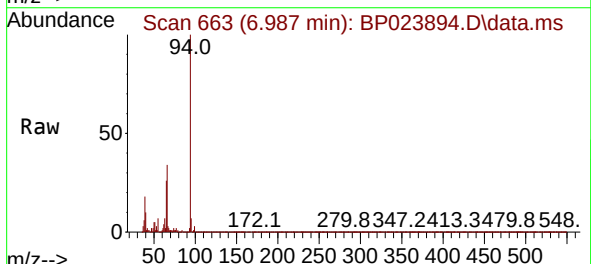
02/04/2025
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ahmed

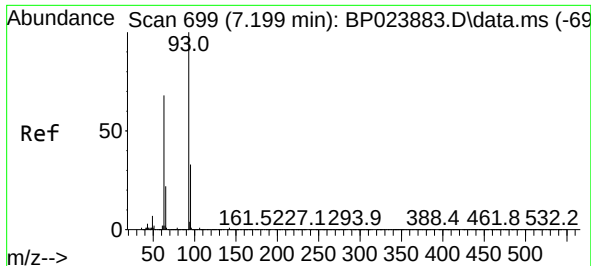
02/06/2025



#8
Phenol
Concen: 8.562 ng/ul
RT: 6.987 min Scan# 663
Delta R.T. 0.006 min
Lab File: BP023894.D
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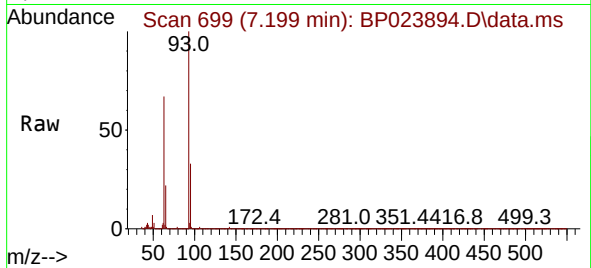
Tgt Ion: 94 Resp: 378179
Ion Ratio Lower Upper
94 100
65 26.3 20.1 30.1
66 33.7 26.0 39.0





#10
Bis(2-Chloroethyl)ether
Concen: 27.802 ng/ul
RT: 7.199 min Scan# 699
Delta R.T. -0.000 min
Lab File: BP023894.D
Acq: 04 Feb 2025 00:41

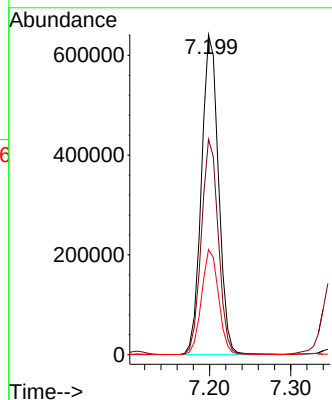
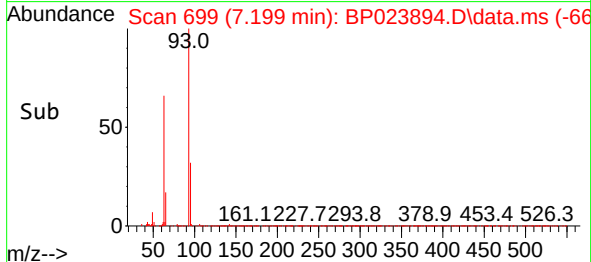
Instrument :
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Tgt Ion: 93 Resp: 934768
Ion Ratio Lower Upper
93 100
63 67.3 52.6 79.0
95 32.8 25.8 38.8

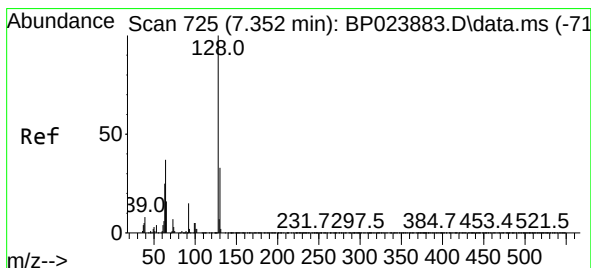
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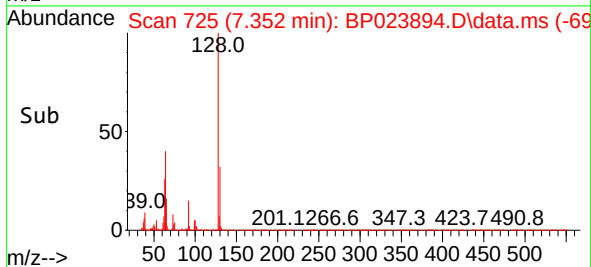
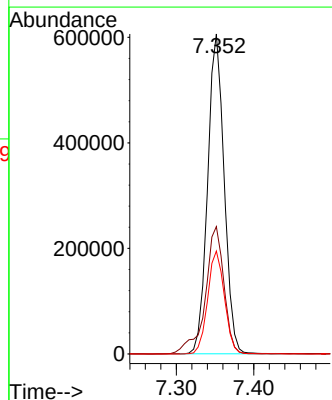
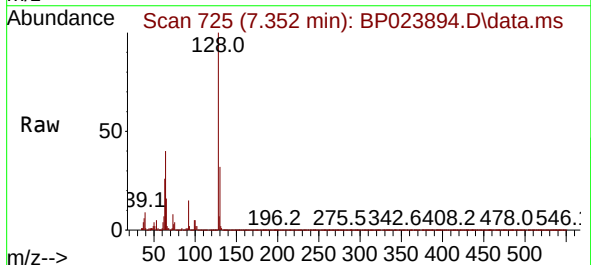
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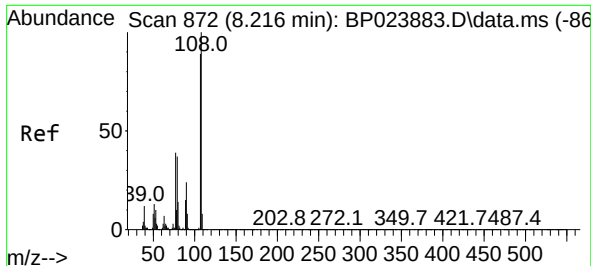
02/06/2025



#12
2-Chlorophenol
Concen: 25.778 ng/ul
RT: 7.352 min Scan# 725
Delta R.T. 0.006 min
Lab File: BP023894.D
Acq: 04 Feb 2025 00:41

Tgt Ion:128 Resp: 897045
Ion Ratio Lower Upper
128 100
64 39.8 31.1 46.7
130 32.2 25.8 38.6





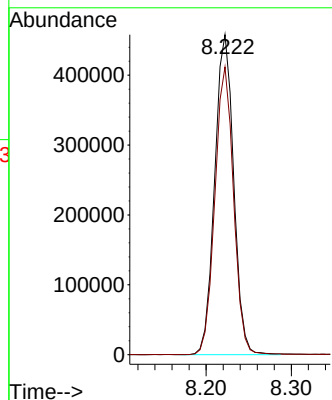
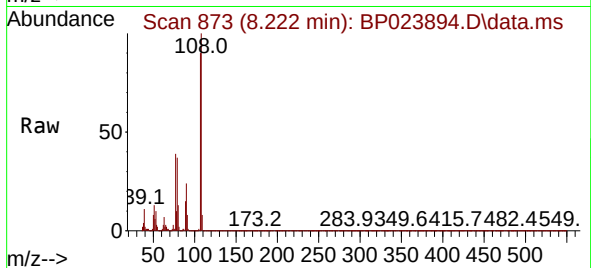
#13
2-Methylphenol
Concen: 21.281 ng/ul
RT: 8.222 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP023894.D
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Instrument :
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ClientSampleId :
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Tgt Ion:108 Resp: 70723
Ion Ratio Lower Upper
108 100
107 89.9 71.0 106.6

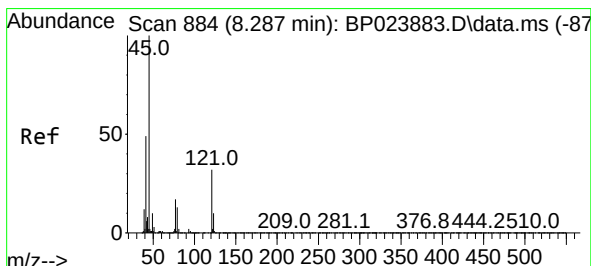
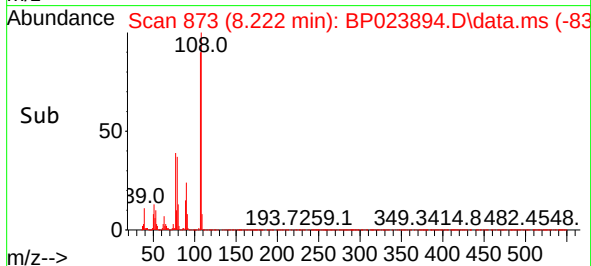
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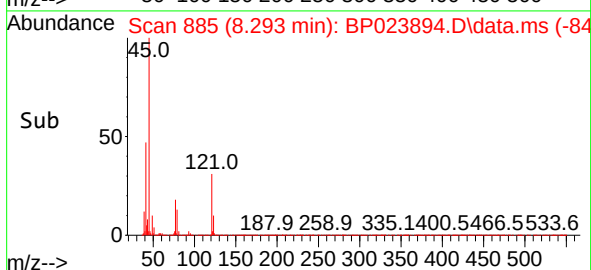
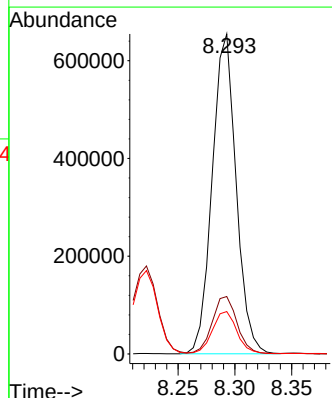
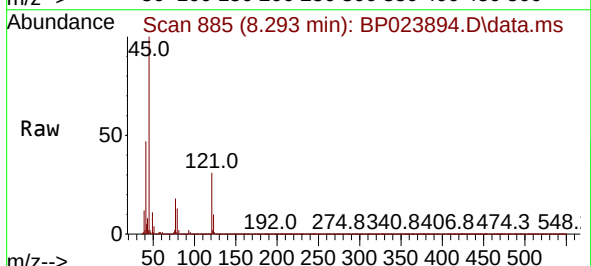
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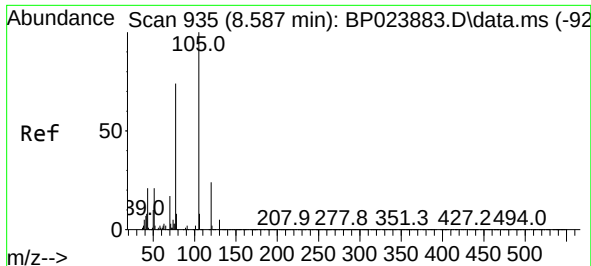
02/06/2025



#14
2,2'-oxybis(1-Chloropropane)
Concen: 27.667 ng/ul
RT: 8.293 min Scan# 885
Delta R.T. 0.012 min
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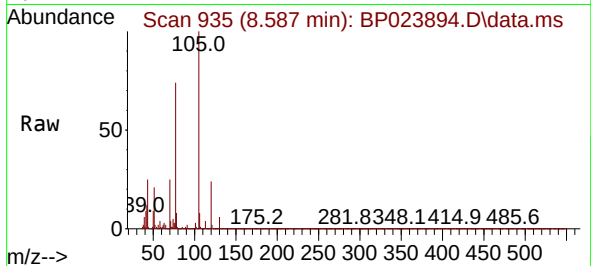
Tgt Ion: 45 Resp: 959710
Ion Ratio Lower Upper
45 100
77 18.0 14.7 22.1
79 13.2 10.7 16.1





#16
Acetophenone
Concen: 29.417 ng/ul
RT: 8.587 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP023894.D
Acq: 04 Feb 2025 00:41

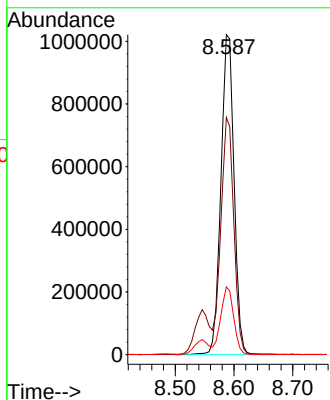
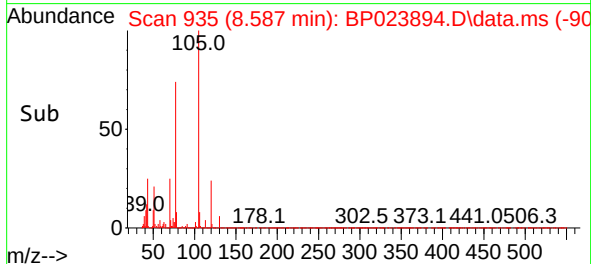
Instrument :
BNA_P
ClientSampleId :
E2975MS



Tgt Ion:105 Resp: 158016
Ion Ratio Lower Upper
105 100
77 74.2 58.6 87.8
51 21.2 16.6 24.8

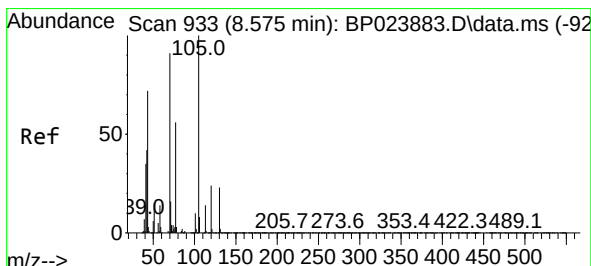
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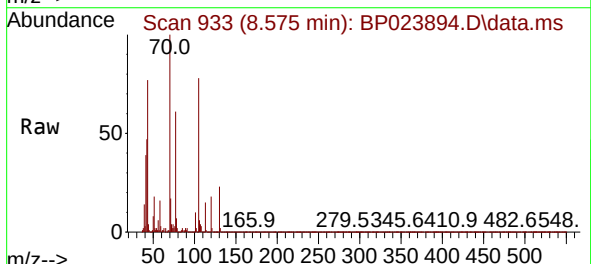


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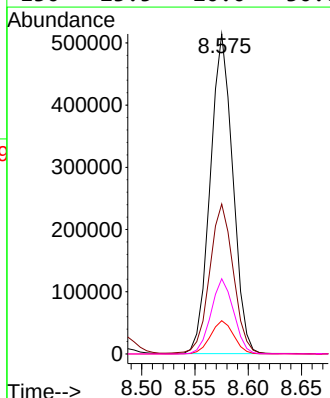
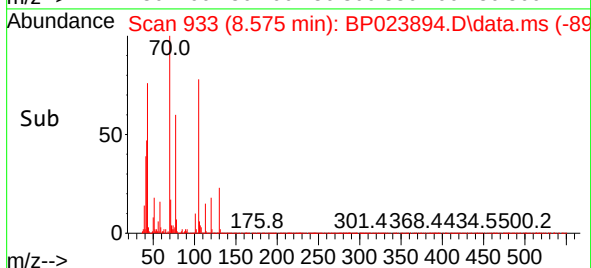
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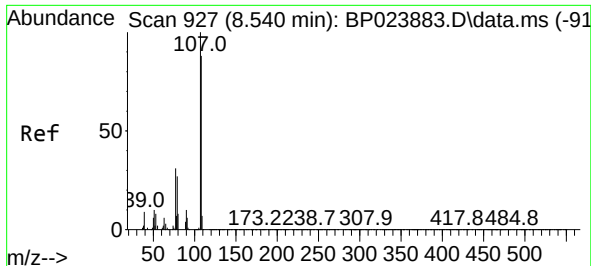


#17
N-Nitroso-di-n-propylamine
Concen: 29.907 ng/ul
RT: 8.575 min Scan# 933
Delta R.T. 0.006 min
Lab File: BP023894.D
Acq: 04 Feb 2025 00:41



Tgt Ion: 70 Resp: 756493
Ion Ratio Lower Upper
70 100
42 46.8 36.2 54.4
101 10.4 8.6 13.0
130 23.5 20.0 30.0





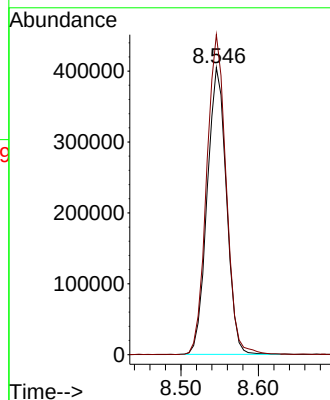
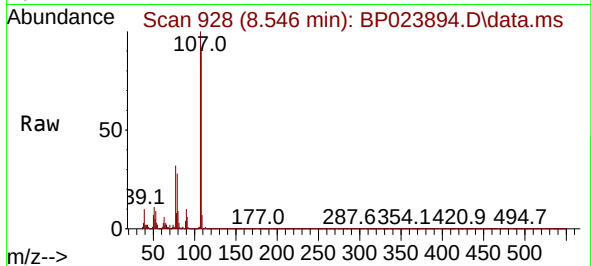
#18
4-Methylphenol
Concen: 18.964 ng/ul
RT: 8.546 min Scan# 91
Delta R.T. 0.012 min
Lab File: BP023894.D
Acq: 04 Feb 2025 00:41

Instrument :
BNA_P
ClientSampleId :
E2975MS

Tgt Ion:108 Resp: 69923
Ion Ratio Lower Upper
108 100
107 111.5 87.8 131.6

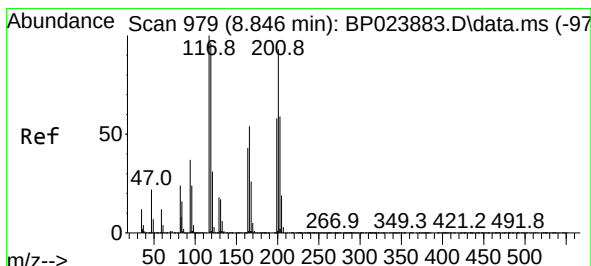
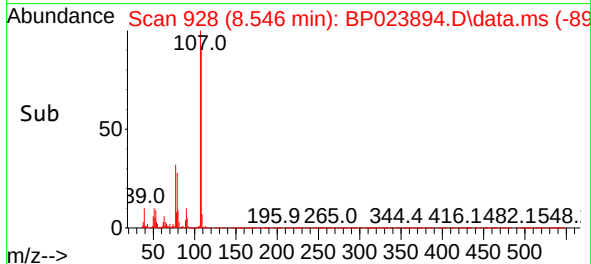
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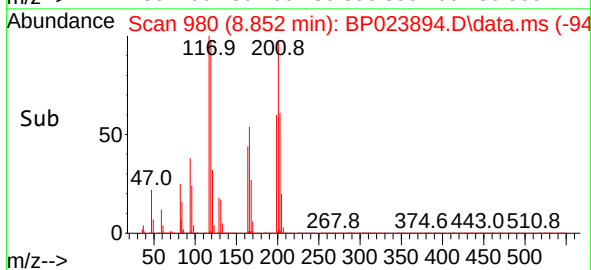
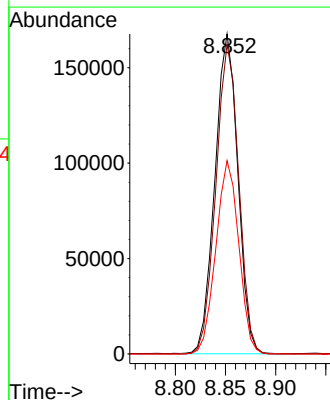
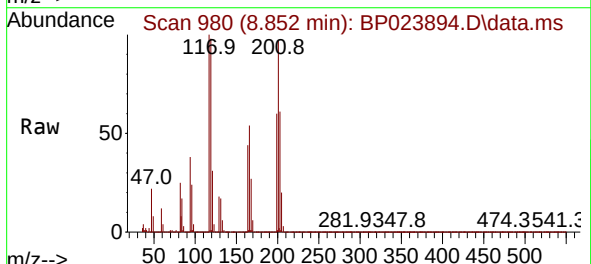
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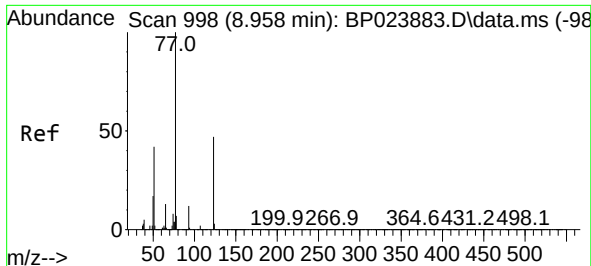
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#19
Hexachloroethane
Concen: 19.389 ng/ul
RT: 8.852 min Scan# 980
Delta R.T. 0.012 min
Lab File: BP023894.D
Acq: 04 Feb 2025 00:41

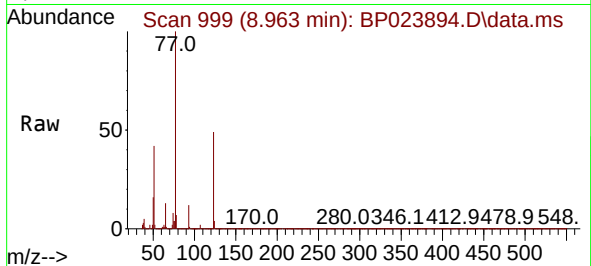
Tgt Ion:117 Resp: 266797
Ion Ratio Lower Upper
117 100
201 96.8 79.4 119.2
199 60.4 50.0 75.0





#22
Nitrobenzene
Concen: 29.355 ng/u1
RT: 8.963 min Scan# 998
Delta R.T. 0.006 min
Lab File: BP023894.D
Acq: 04 Feb 2025 00:41

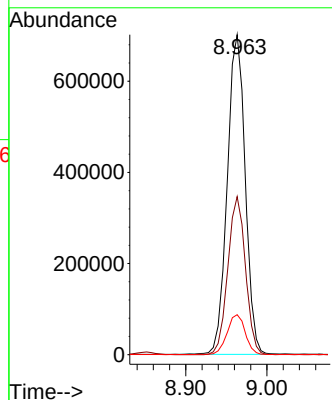
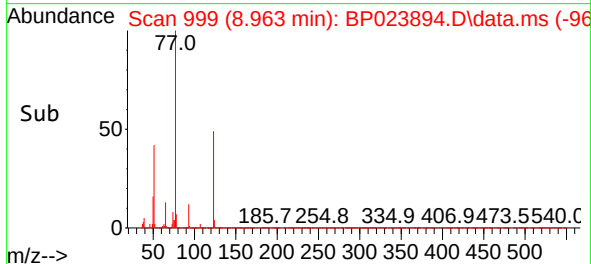
Instrument :
BNA_P
ClientSampleId :
E2975MS



Tgt Ion: 77 Resp: 1079638
Ion Ratio Lower Upper
77 100
123 49.4 40.3 60.5
65 12.5 9.8 14.8

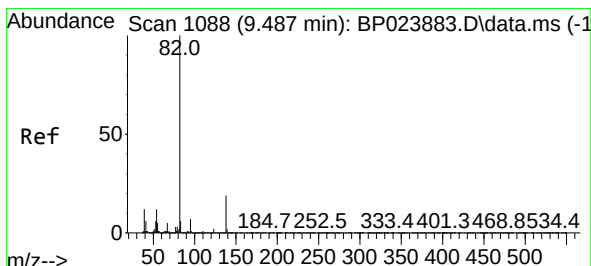
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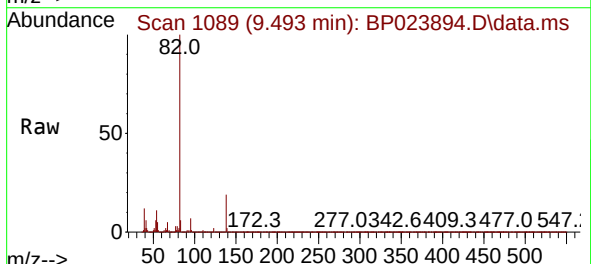


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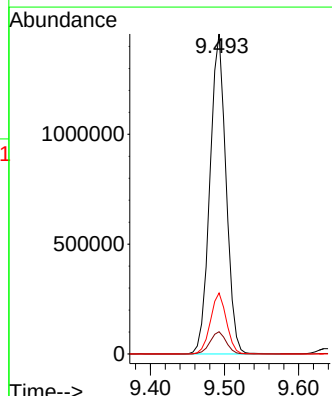
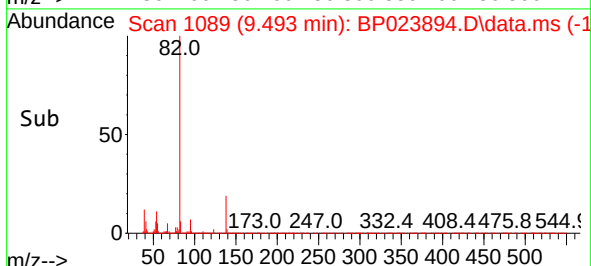
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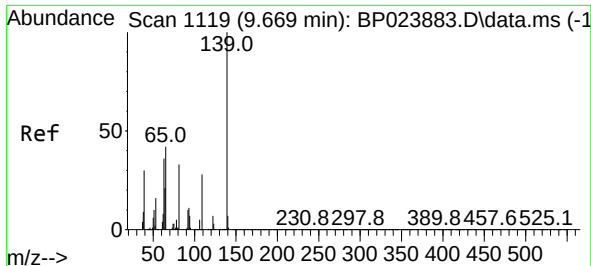


#23
Isophorone
Concen: 29.581 ng/u1
RT: 9.493 min Scan# 1089
Delta R.T. 0.018 min
Lab File: BP023894.D
Acq: 04 Feb 2025 00:41



Tgt Ion: 82 Resp: 2196721
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 19.1 15.8 23.6





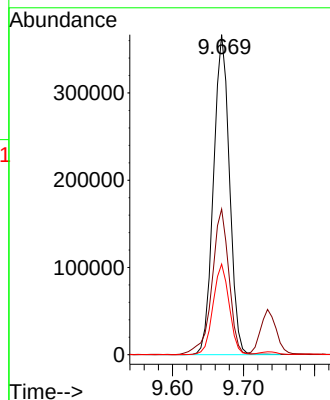
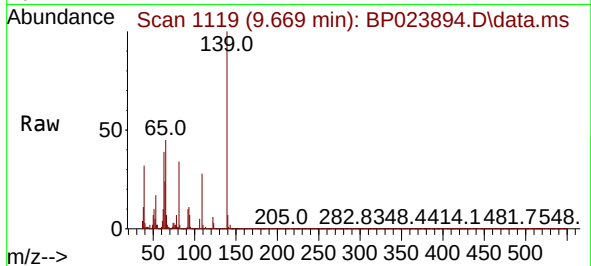
#25
2-Nitrophenol
Concen: 28.684 ng/ul
RT: 9.669 min Scan# 1119
Delta R.T. 0.006 min
Lab File: BP023894.D
Acq: 04 Feb 2025 00:41

Instrument :
BNA_P
ClientSampleId :
E2975MS

Tgt Ion:139 Resp: 572138
Ion Ratio Lower Upper
139 100
65 45.5 34.1 51.1
109 28.3 21.9 32.9

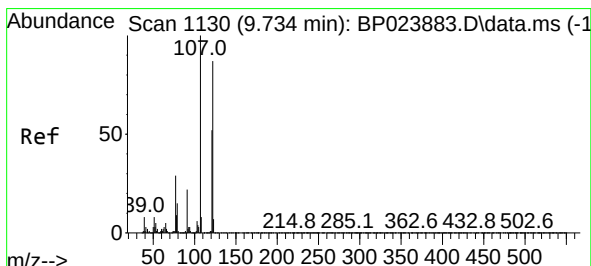
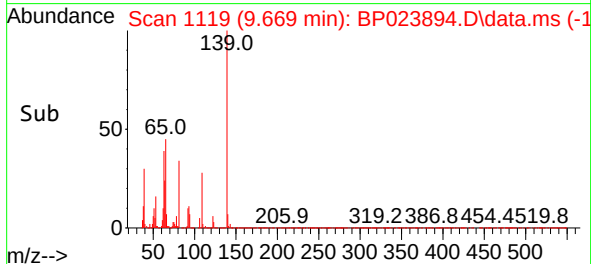
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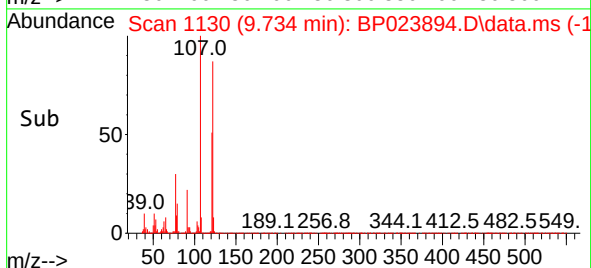
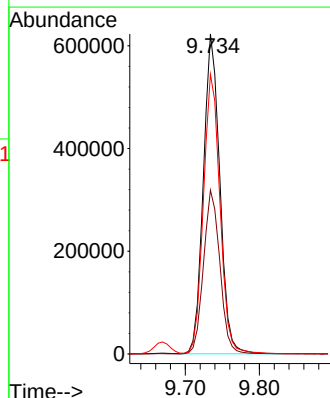
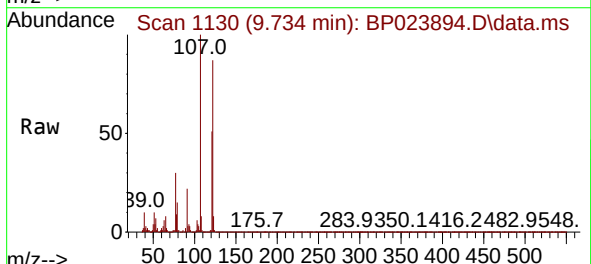
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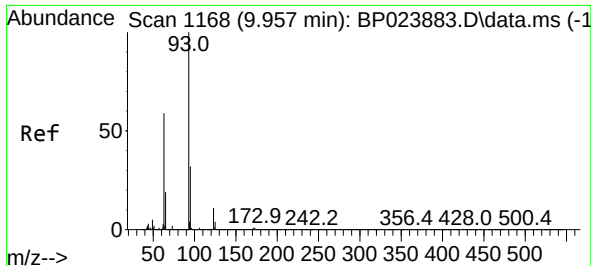
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#26
2,4-Dimethylphenol
Concen: 25.959 ng/ul
RT: 9.734 min Scan# 1130
Delta R.T. 0.006 min
Lab File: BP023894.D
Acq: 04 Feb 2025 00:41

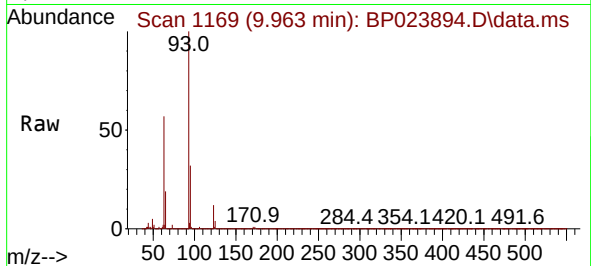
Tgt Ion:107 Resp: 958335
Ion Ratio Lower Upper
107 100
121 51.2 41.4 62.2
122 87.4 71.5 107.3





#27
Bis(2-Chloroethoxy)methane
Concen: 28.611 ng/ul
RT: 9.963 min Scan# 1168
Delta R.T. 0.012 min
Lab File: BP023894.D
Acq: 04 Feb 2025 00:41

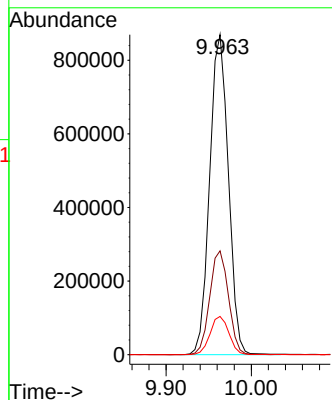
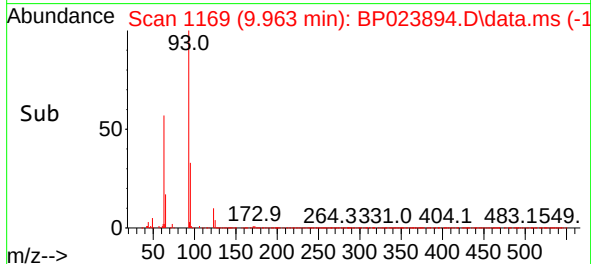
Instrument :
BNA_P
ClientSampleId :
E2975MS



Tgt Ion: 93 Resp: 132348
Ion Ratio Lower Upper
93 100
95 32.5 25.8 38.6
123 11.9 9.7 14.5

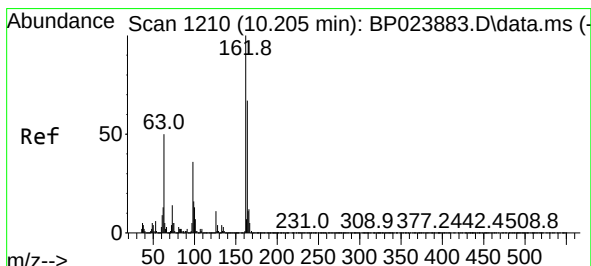
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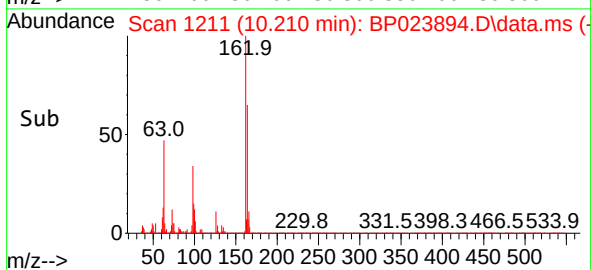
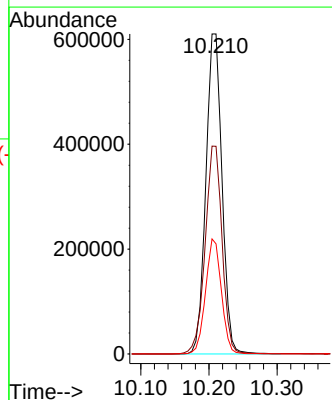
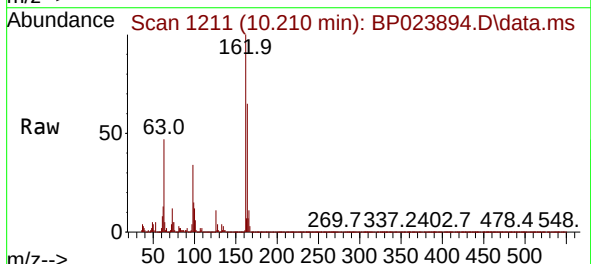
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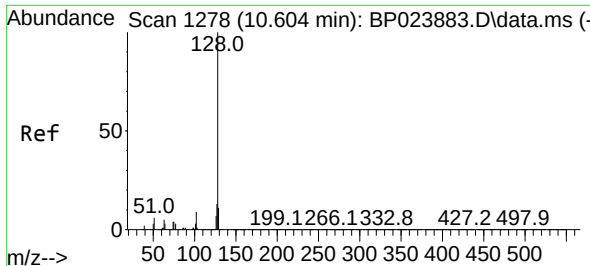
02/06/2025



#29
2,4-Dichlorophenol
Concen: 29.521 ng/ul
RT: 10.210 min Scan# 1211
Delta R.T. 0.012 min
Lab File: BP023894.D
Acq: 04 Feb 2025 00:41

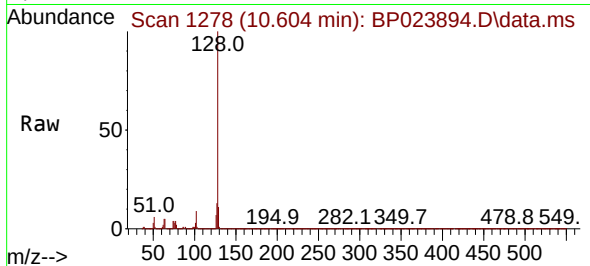
Tgt Ion:162 Resp: 1004299
Ion Ratio Lower Upper
162 100
164 64.9 51.1 76.7
98 34.4 27.5 41.3





#30
Naphthalene
Concen: 25.995 ng/ul
RT: 10.604 min Scan# 1278
Delta R.T. 0.012 min
Lab File: BP023894.D
Acq: 04 Feb 2025 00:41

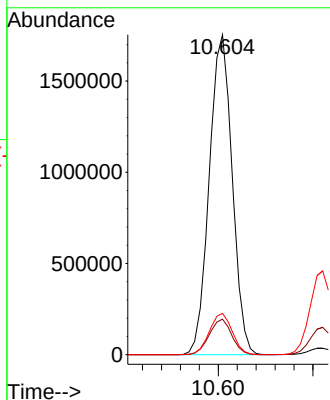
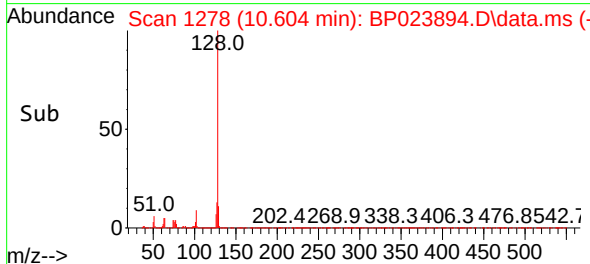
Instrument :
BNA_P
ClientSampleId :
E2975MS



Tgt Ion:128 Resp: 2947514
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 12.9 10.5 15.7

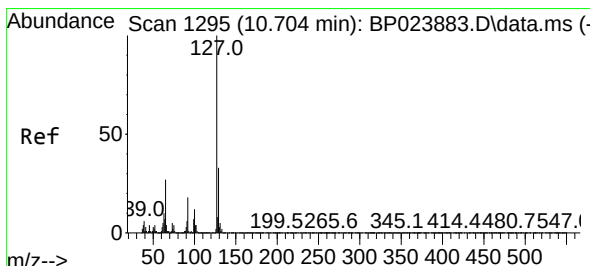
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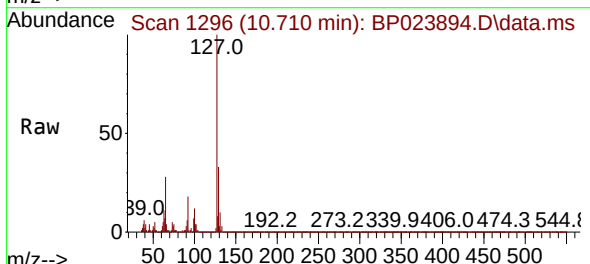


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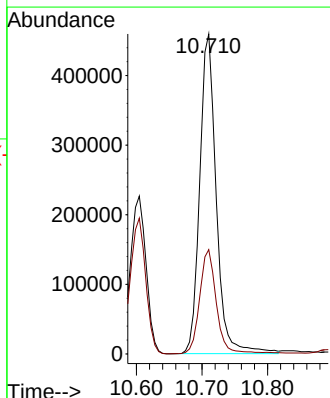
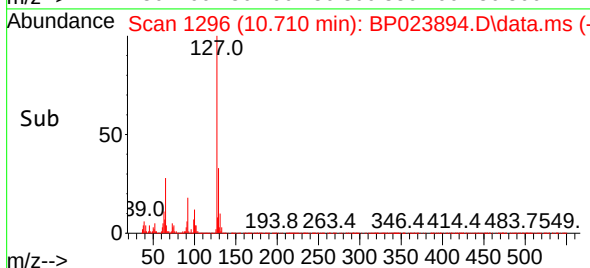
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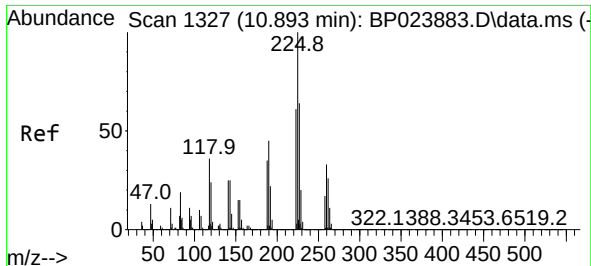


#32
4-Chloroaniline
Concen: 17.052 ng/ul
RT: 10.710 min Scan# 1296
Delta R.T. 0.012 min
Lab File: BP023894.D
Acq: 04 Feb 2025 00:41



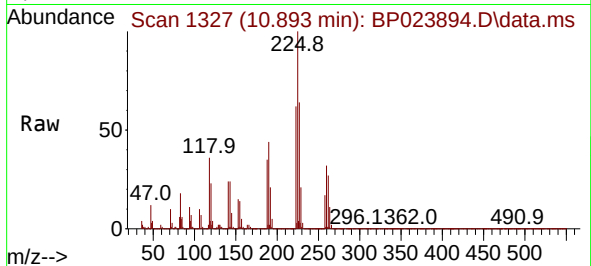
Tgt Ion:127 Resp: 807362
Ion Ratio Lower Upper
127 100
129 32.6 25.8 38.8





#33
Hexachlorobutadiene
Concen: 21.974 ng/ul
RT: 10.893 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP023894.D
Acq: 04 Feb 2025 00:41

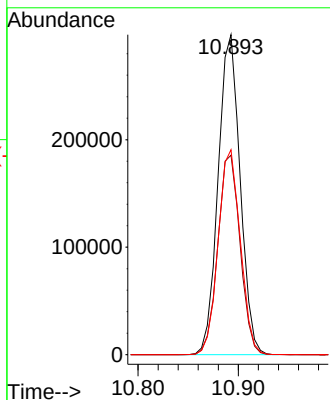
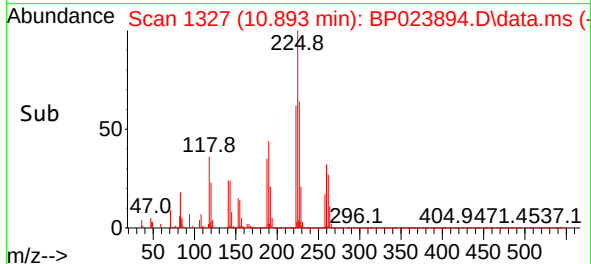
Instrument :
BNA_P
ClientSampleId :
E2975MS



Tgt Ion:225 Resp: 452564
Ion Ratio Lower Upper
225 100
223 62.3 49.7 74.5
227 64.0 51.4 77.0

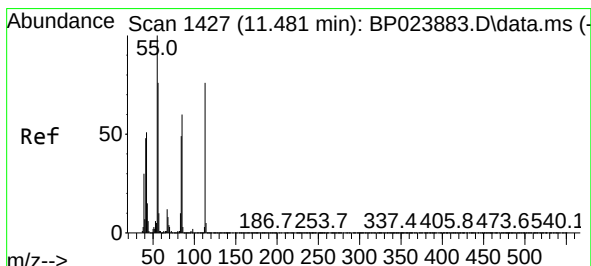
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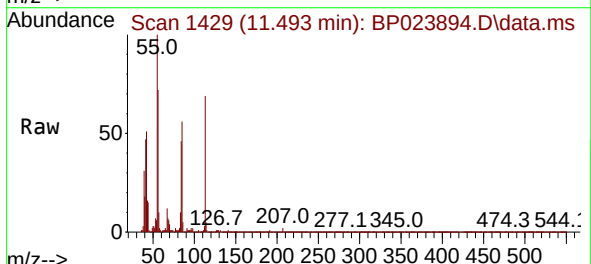


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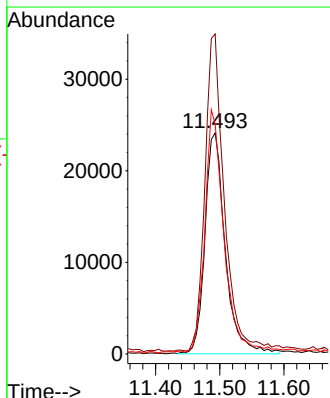
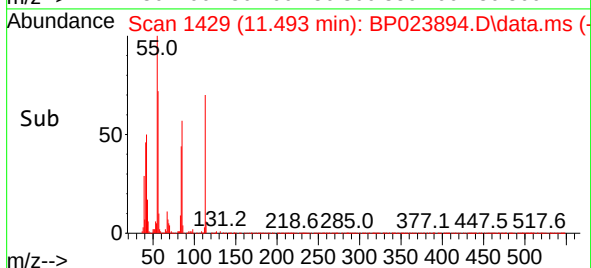
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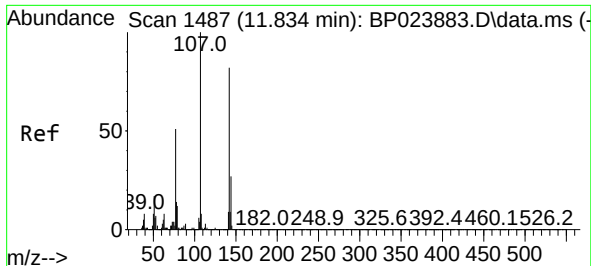


#34
Caprolactam
Concen: 4.028 ng/ul m
RT: 11.493 min Scan# 1429
Delta R.T. 0.018 min
Lab File: BP023894.D
Acq: 04 Feb 2025 00:41



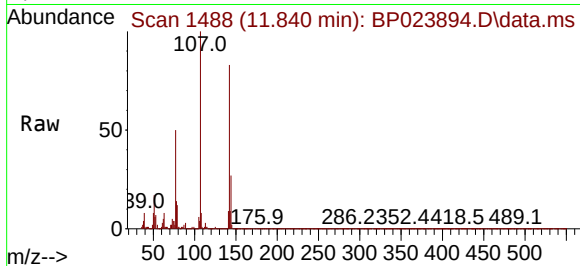
Tgt Ion:113 Resp: 53094
Ion Ratio Lower Upper
113 100
55 144.8 101.1 151.7
56 104.0 77.0 115.6





#35
4-Chloro-3-methylphenol
Concen: 29.885 ng/ul
RT: 11.840 min Scan# 1487
Delta R.T. 0.006 min
Lab File: BP023894.D
Acq: 04 Feb 2025 00:41

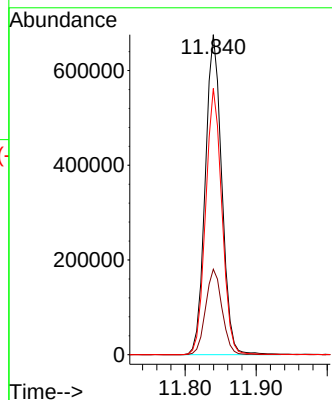
Instrument :
BNA_P
ClientSampleId :
E2975MS



Tgt Ion:107 Resp: 1092889
Ion Ratio Lower Upper
107 100
144 26.7 21.4 32.2
142 83.2 68.1 102.1

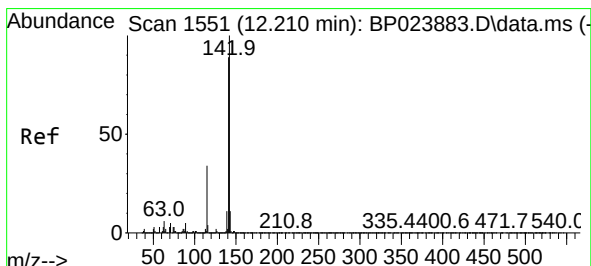
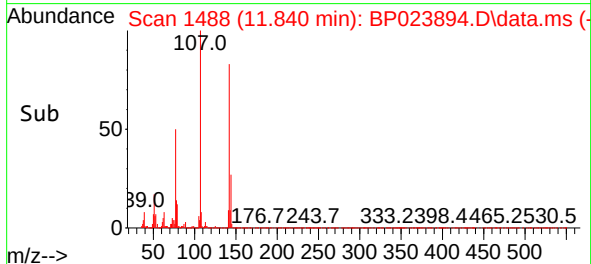
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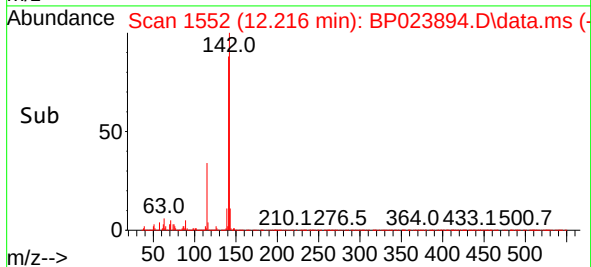
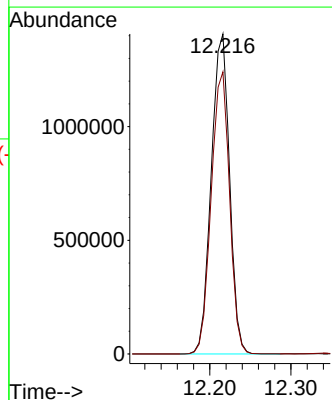
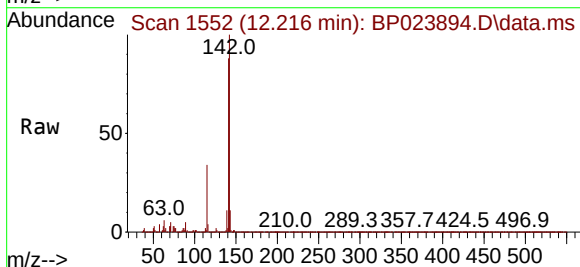
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ahmed

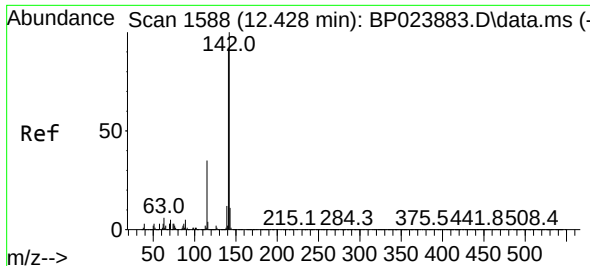
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#36
2-Methylnaphthalene
Concen: 27.591 ng/ul
RT: 12.216 min Scan# 1552
Delta R.T. 0.012 min
Lab File: BP023894.D
Acq: 04 Feb 2025 00:41

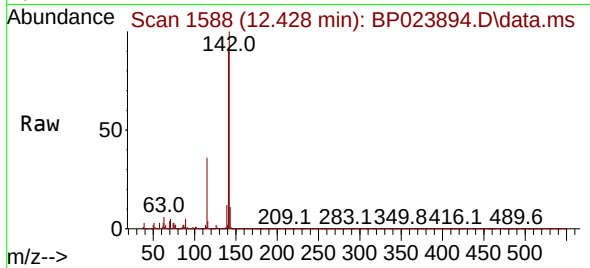
Tgt Ion:142 Resp: 2199658
Ion Ratio Lower Upper
142 100
141 88.1 70.8 106.2





#37
1-Methylnaphthalene
Concen: 28.363 ng/ul
RT: 12.428 min Scan# 1588
Delta R.T. 0.006 min
Lab File: BP023894.D
Acq: 04 Feb 2025 00:41

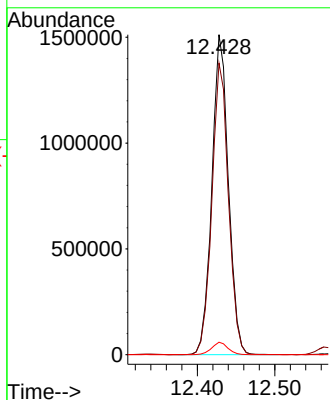
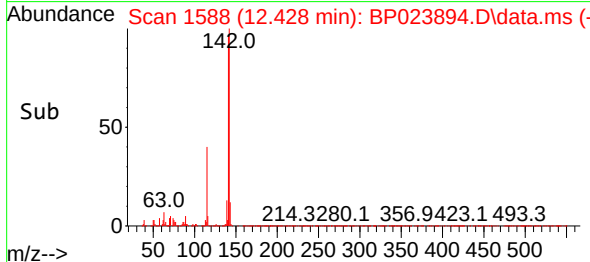
Instrument :
BNA_P
ClientSampleId :
E2975MS



Tgt Ion:142 Resp: 2243238
Ion Ratio Lower Upper
142 100
141 91.1 72.8 109.2
116 3.9 2.9 4.3

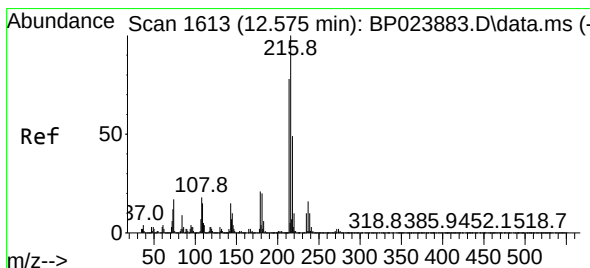
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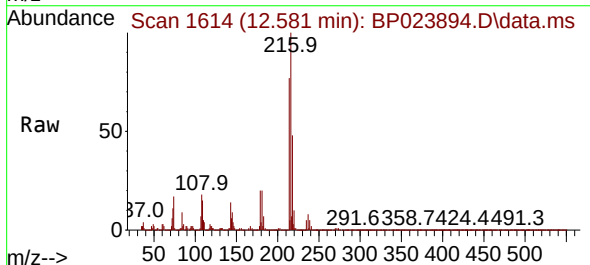


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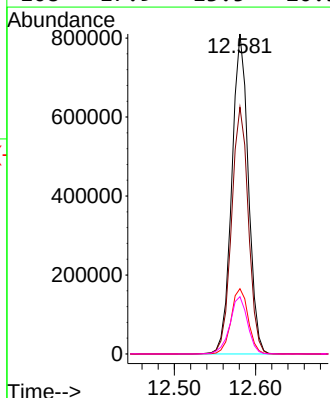
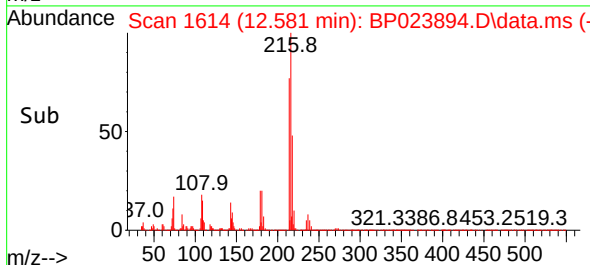
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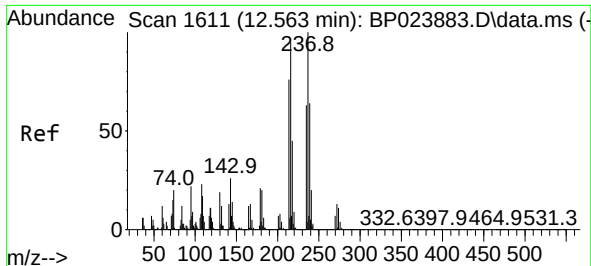


#39
1,2,4,5-Tetrachlorobenzene
Concen: 28.088 ng/ul
RT: 12.581 min Scan# 1614
Delta R.T. 0.012 min
Lab File: BP023894.D
Acq: 04 Feb 2025 00:41



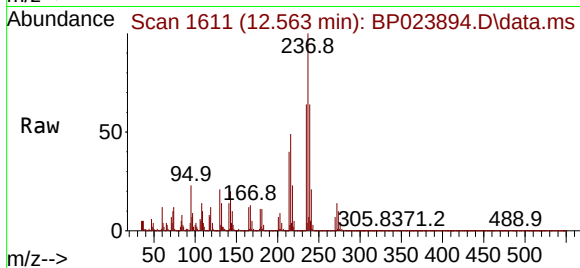
Tgt Ion:216 Resp: 1145584
Ion Ratio Lower Upper
216 100
214 77.1 63.2 94.8
179 20.4 16.7 25.1
108 17.9 13.5 20.3





#40
Hexachlorocyclopentadiene
Concen: 16.760 ng/ul
RT: 12.563 min Scan# 1611
Delta R.T. 0.006 min
Lab File: BP023894.D
Acq: 04 Feb 2025 00:41

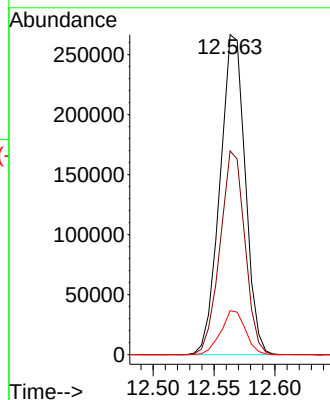
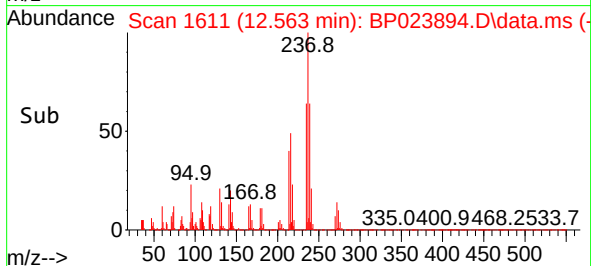
Instrument :
BNA_P
ClientSampleId :
E2975MS



Tgt Ion:237 Resp: 385180
Ion Ratio Lower Upper
237 100
235 63.7 50.2 75.4
272 14.5 11.7 17.5

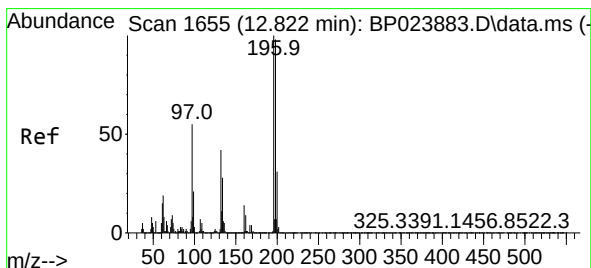
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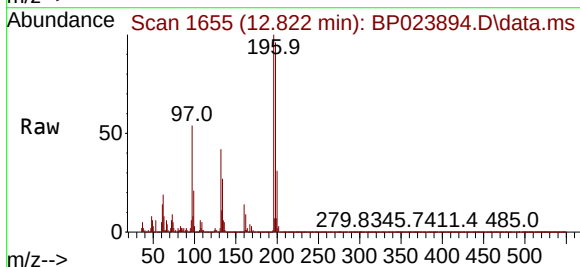


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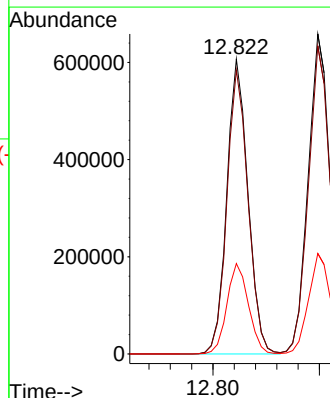
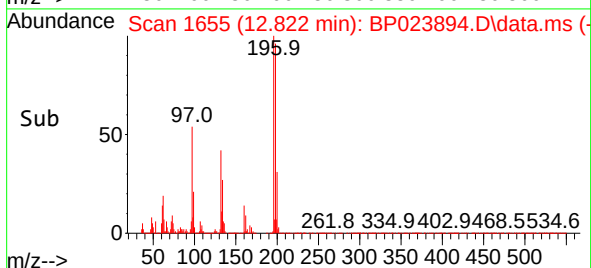
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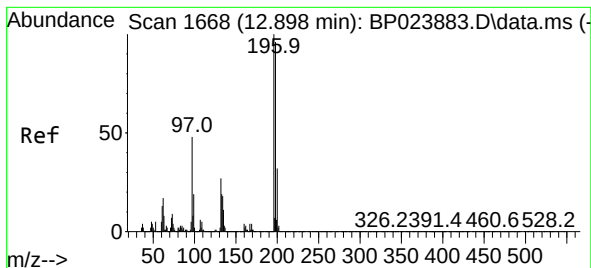


#41
2,4,6-Trichlorophenol
Concen: 30.779 ng/ul
RT: 12.822 min Scan# 1655
Delta R.T. 0.012 min
Lab File: BP023894.D
Acq: 04 Feb 2025 00:41



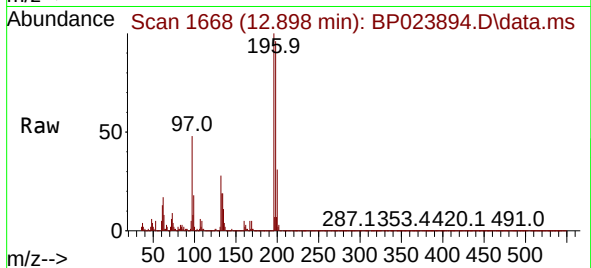
Tgt Ion:196 Resp: 838505
Ion Ratio Lower Upper
196 100
198 96.3 75.8 113.6
200 30.7 24.6 37.0





#42
2,4,5-Trichlorophenol
Concen: 32.378 ng/ul
RT: 12.898 min Scan# 1668
Delta R.T. 0.006 min
Lab File: BP023894.D
Acq: 04 Feb 2025 00:41

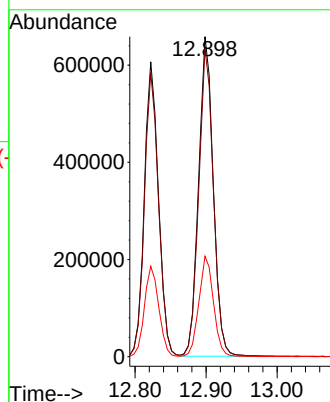
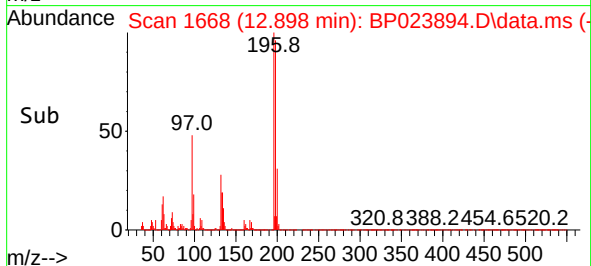
Instrument :
BNA_P
ClientSampleId :
E2975MS



Tgt Ion:196 Resp: 95076
Ion Ratio Lower Upper
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198 96.3 76.8 115.2
200 31.4 24.9 37.3

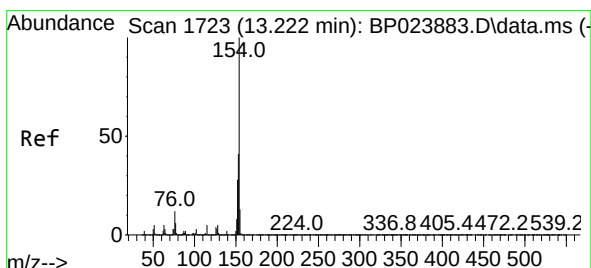
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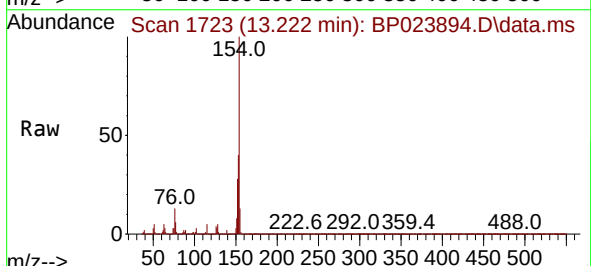


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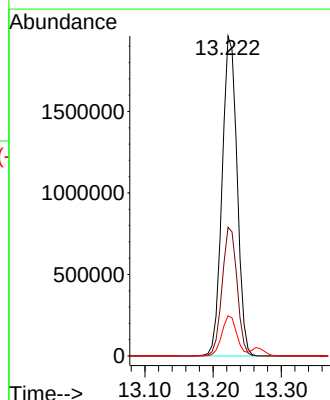
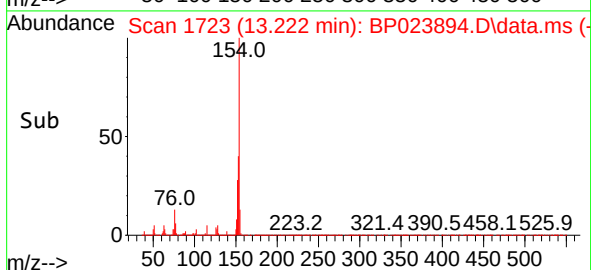
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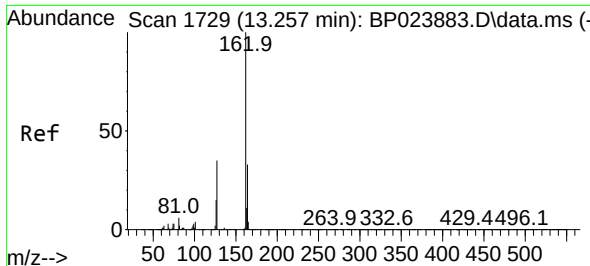


#43
1,1'-Biphenyl
Concen: 29.295 ng/ul
RT: 13.222 min Scan# 1723
Delta R.T. 0.006 min
Lab File: BP023894.D
Acq: 04 Feb 2025 00:41



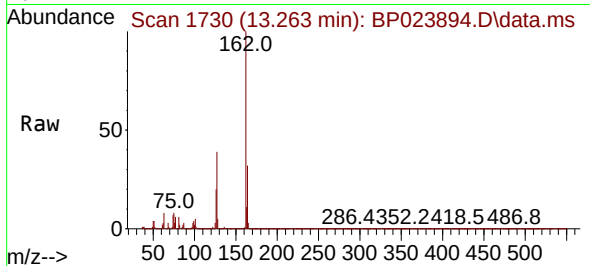
Tgt Ion:154 Resp: 2999969
Ion Ratio Lower Upper
154 100
153 40.2 32.0 48.0
76 12.5 10.1 15.1





#44
2-Chloronaphthalene
Concen: 29.186 ng/ul
RT: 13.263 min Scan# 1729
Delta R.T. 0.006 min
Lab File: BP023894.D
Acq: 04 Feb 2025 00:41

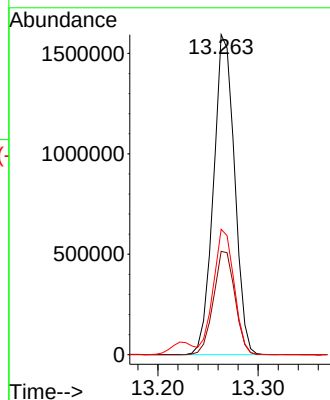
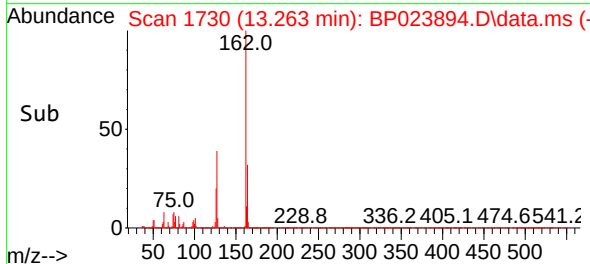
Instrument :
BNA_P
ClientSampleId :
E2975MS



Tgt Ion:162 Resp: 232883
Ion Ratio Lower Upper
162 100
164 32.3 26.3 39.5
127 39.2 30.5 45.7

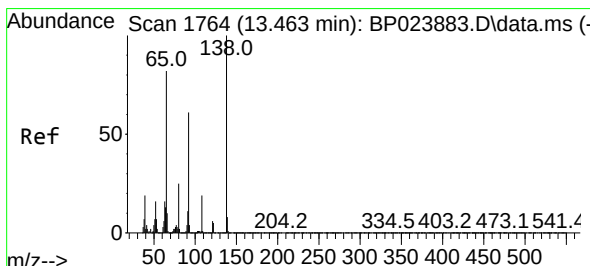
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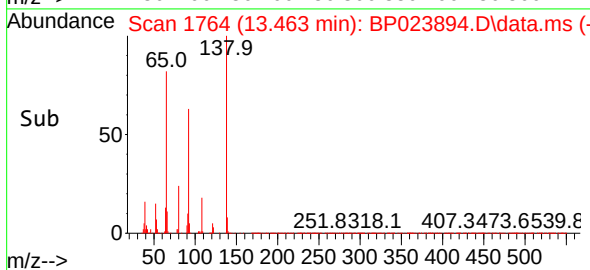
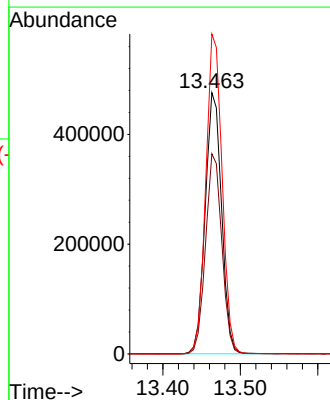
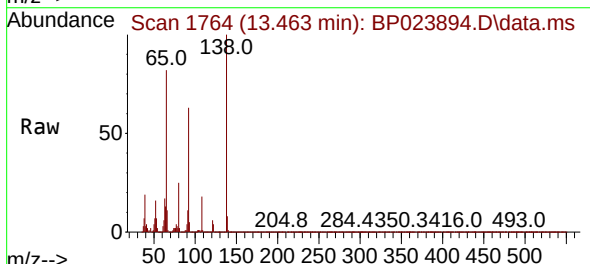
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Supervised By :mohammad
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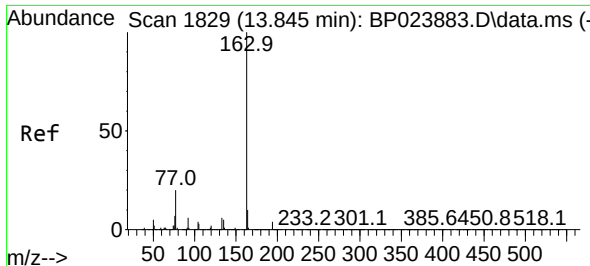
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#45
2-Nitroaniline
Concen: 33.622 ng/ul
RT: 13.463 min Scan# 1764
Delta R.T. 0.006 min
Lab File: BP023894.D
Acq: 04 Feb 2025 00:41

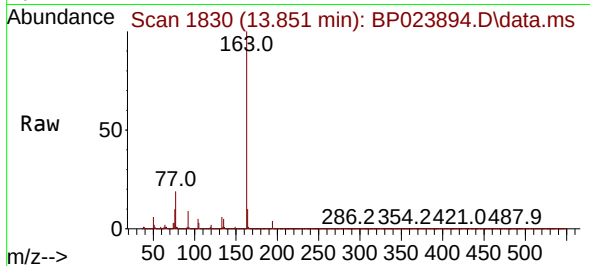
Tgt Ion: 65 Resp: 698239
Ion Ratio Lower Upper
65 100
92 76.6 62.9 94.3
138 122.5 105.5 158.3





#47
Dimethylphthalate
Concen: 31.430 ng/ul
RT: 13.851 min Scan# 1830
Delta R.T. 0.012 min
Lab File: BP023894.D
Acq: 04 Feb 2025 00:41

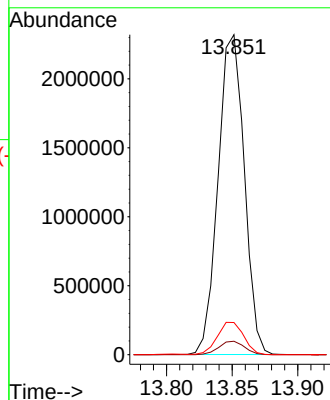
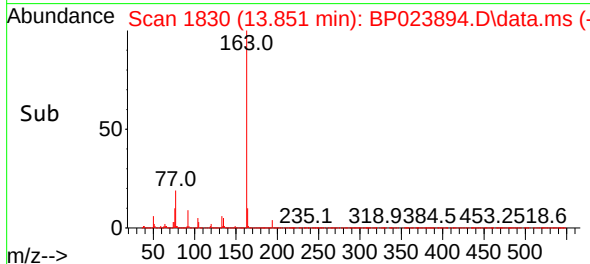
Instrument :
BNA_P
ClientSampleId :
E2975MS



Tgt Ion:163 Resp: 321805
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 10.1 8.1 12.1

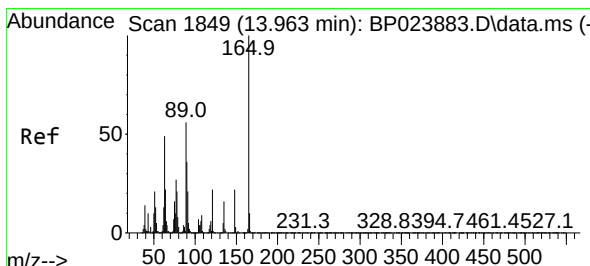
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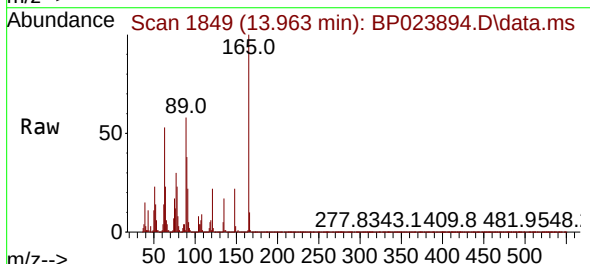


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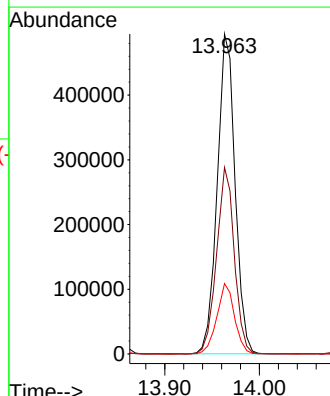
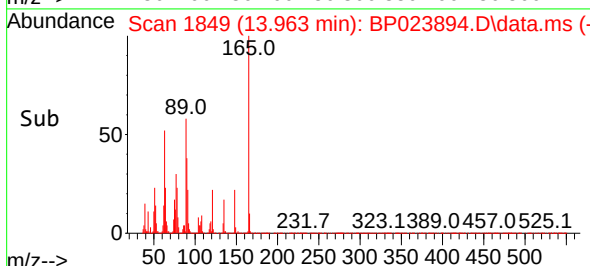
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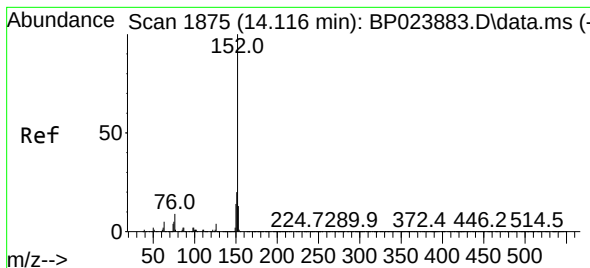


#48
2,6-Dinitrotoluene
Concen: 32.375 ng/ul
RT: 13.963 min Scan# 1849
Delta R.T. 0.006 min
Lab File: BP023894.D
Acq: 04 Feb 2025 00:41



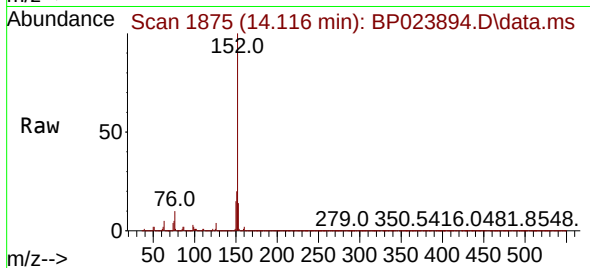
Tgt Ion:165 Resp: 647812
Ion Ratio Lower Upper
165 100
89 58.3 43.3 64.9
121 22.0 16.8 25.2





#50
Acenaphthylene
Concen: 30.544 ng/ul
RT: 14.116 min Scan# 1875
Delta R.T. 0.006 min
Lab File: BP023894.D
Acq: 04 Feb 2025 00:41

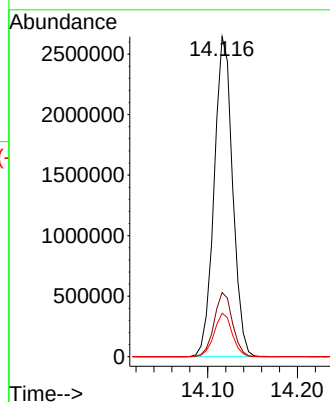
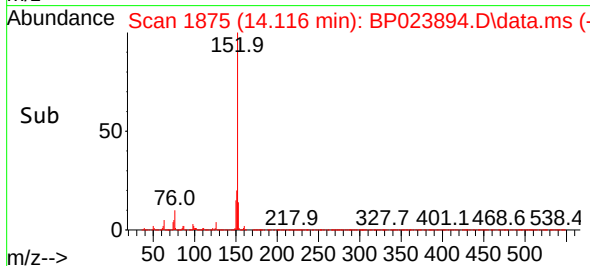
Instrument :
BNA_P
ClientSampleId :
E2975MS



Tgt Ion:152 Resp: 377520
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 13.6 10.4 15.6

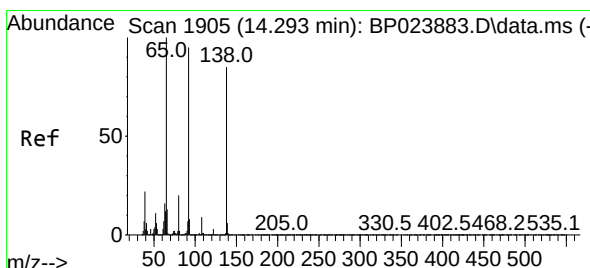
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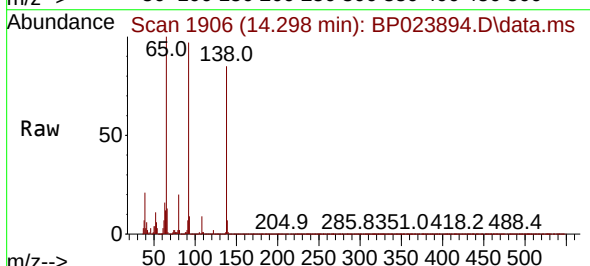


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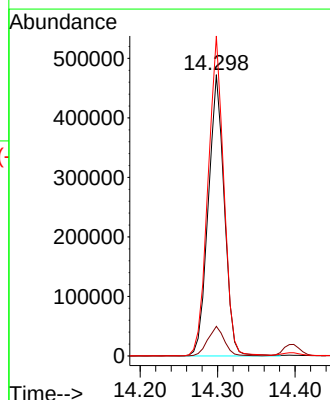
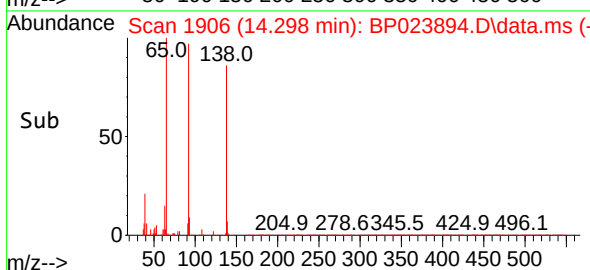
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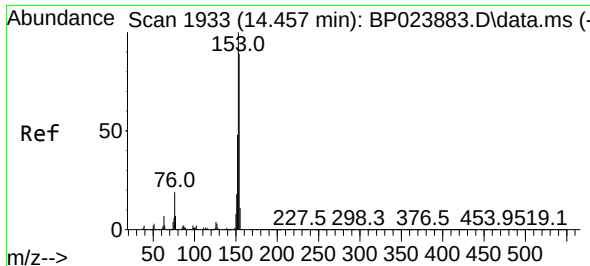


#51
3-Nitroaniline
Concen: 30.817 ng/ul
RT: 14.298 min Scan# 1906
Delta R.T. 0.012 min
Lab File: BP023894.D
Acq: 04 Feb 2025 00:41



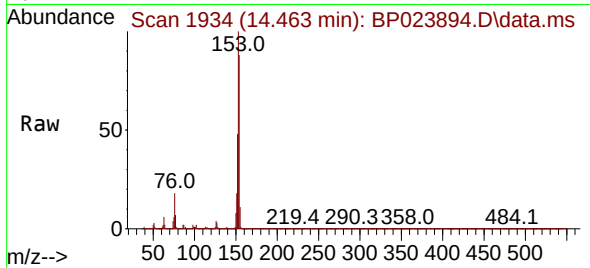
Tgt Ion:138 Resp: 677670
Ion Ratio Lower Upper
138 100
108 10.5 8.1 12.1
92 113.8 85.4 128.0





#52
Acenaphthene
Concen: 30.968 ng/ul
RT: 14.463 min Scan# 1933
Delta R.T. 0.012 min
Lab File: BP023894.D
Acq: 04 Feb 2025 00:41

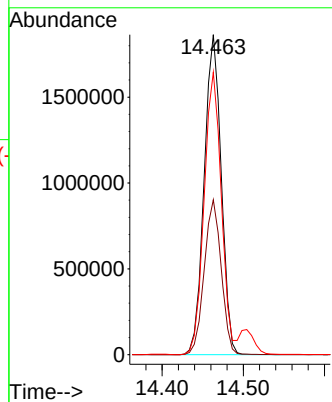
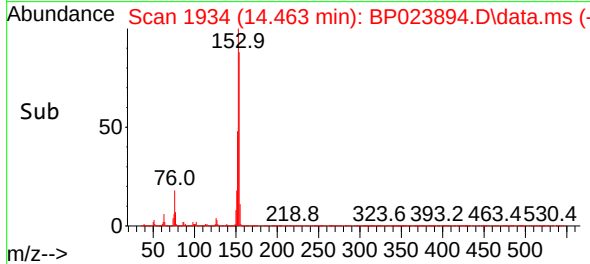
Instrument :
BNA_P
ClientSampleId :
E2975MS



Tgt Ion:153 Resp: 271375
Ion Ratio Lower Upper
153 100
152 48.4 38.2 57.4
154 88.2 71.2 106.8

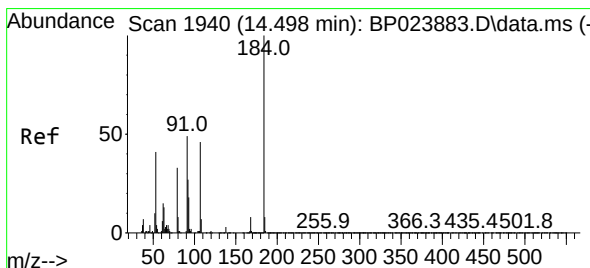
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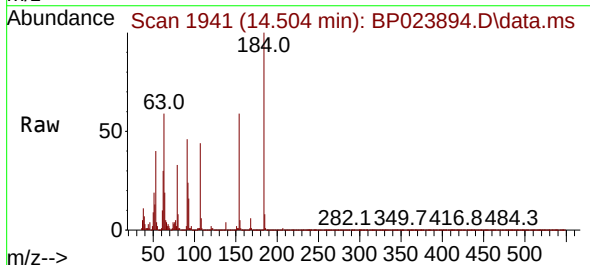


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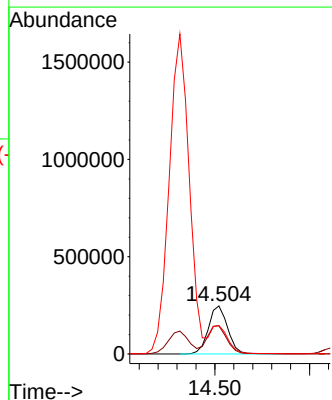
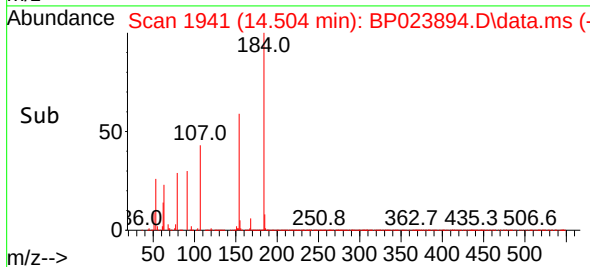
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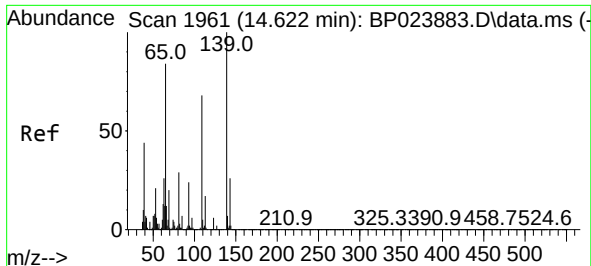


#53
2,4-Dinitrophenol
Concen: 29.139 ng/ul
RT: 14.504 min Scan# 1941
Delta R.T. 0.006 min
Lab File: BP023894.D
Acq: 04 Feb 2025 00:41



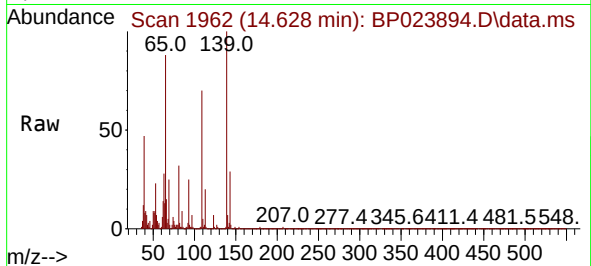
Tgt Ion:184 Resp: 347601
Ion Ratio Lower Upper
184 100
63 58.7 47.8 71.8
154 59.2 47.0 70.4





#55
4-Nitrophenol
Concen: 9.805 ng/ul
RT: 14.628 min Scan# 1961
Delta R.T. 0.012 min
Lab File: BP023894.D
Acq: 04 Feb 2025 00:41

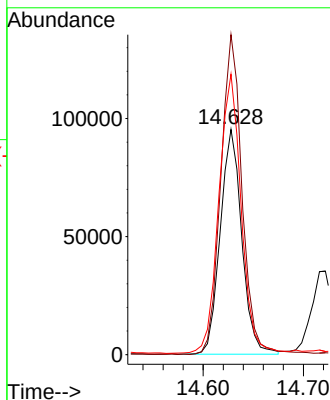
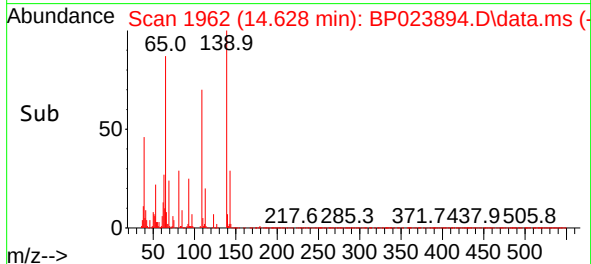
Instrument :
BNA_P
ClientSampleId :
E2975MS



Tgt Ion:109 Resp: 141760
Ion Ratio Lower Upper
109 100
139 142.0 121.4 182.0
65 124.5 100.4 150.6

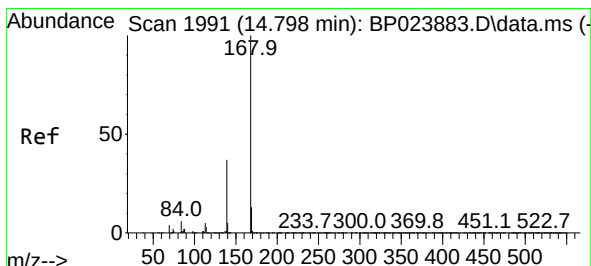
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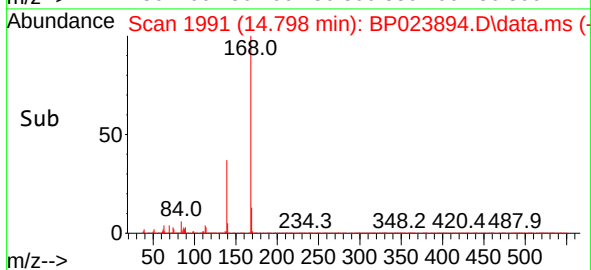
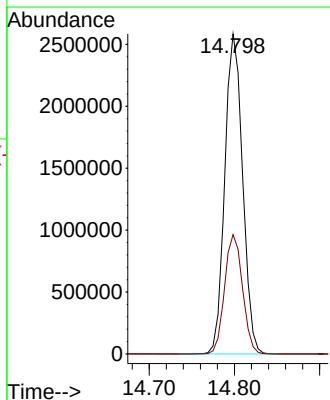
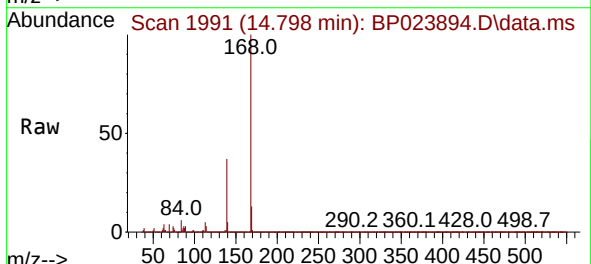
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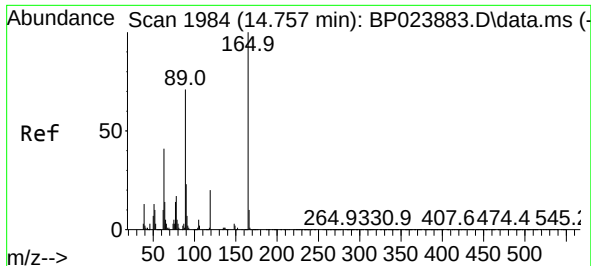
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#56
Dibenzofuran
Concen: 30.952 ng/ul
RT: 14.798 min Scan# 1991
Delta R.T. 0.006 min
Lab File: BP023894.D
Acq: 04 Feb 2025 00:41

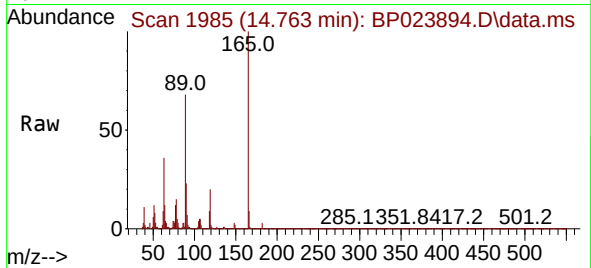
Tgt Ion:168 Resp: 3758455
Ion Ratio Lower Upper
168 100
139 37.3 29.5 44.3





#57
2,4-Dinitrotoluene
Concen: 33.020 ng/ul
RT: 14.763 min Scan# 1984
Delta R.T. 0.012 min
Lab File: BP023894.D
Acq: 04 Feb 2025 00:41

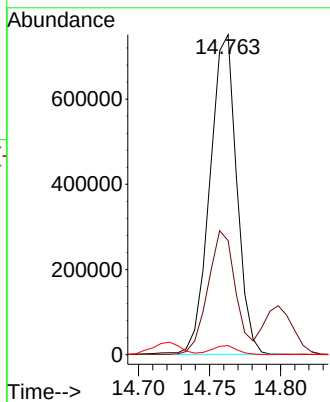
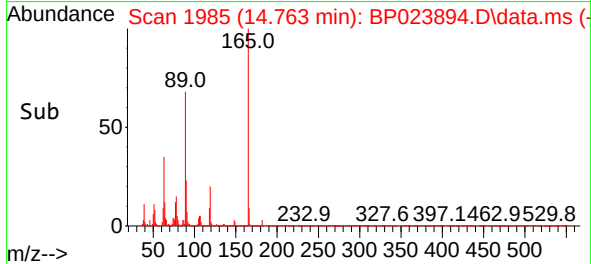
Instrument :
BNA_P
ClientSampleId :
E2975MS



Tgt Ion:165 Resp: 98275
Ion Ratio Lower Upper
165 100
63 35.7 27.8 41.6
182 2.9 2.2 3.4

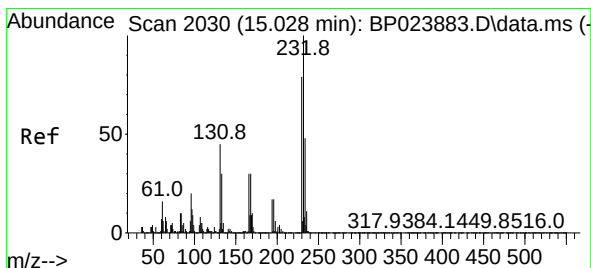
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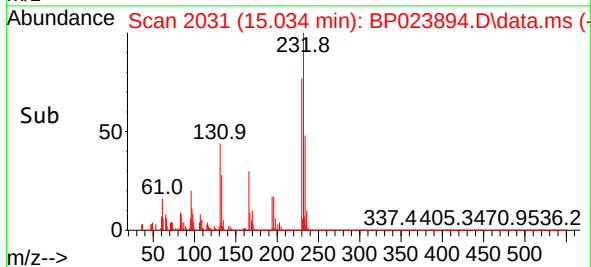
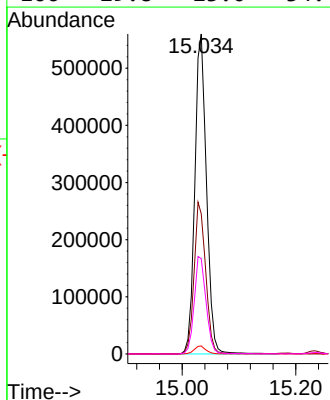
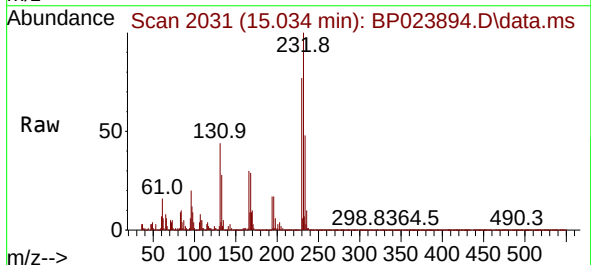
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Supervised By :mohammad
ahmed

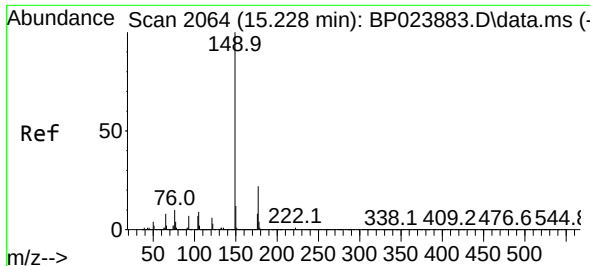
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#58
2,3,4,6-Tetrachlorophenol
Concen: 32.101 ng/ul
RT: 15.034 min Scan# 2031
Delta R.T. 0.012 min
Lab File: BP023894.D
Acq: 04 Feb 2025 00:41

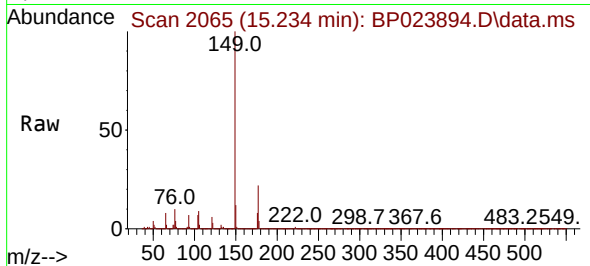
Tgt Ion:232 Resp: 802125
Ion Ratio Lower Upper
232 100
131 43.8 32.4 48.6
130 2.5 1.7 2.5
166 29.8 23.0 34.4





#59
Diethylphthalate
Concen: 32.049 ng/ul
RT: 15.234 min Scan# 2065
Delta R.T. 0.012 min
Lab File: BP023894.D
Acq: 04 Feb 2025 00:41

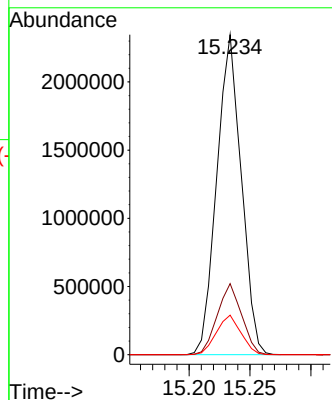
Instrument :
BNA_P
ClientSampleId :
E2975MS



Tgt Ion:149 Resp: 328766
Ion Ratio Lower Upper
149 100
177 22.2 17.4 26.0
150 12.4 9.9 14.9

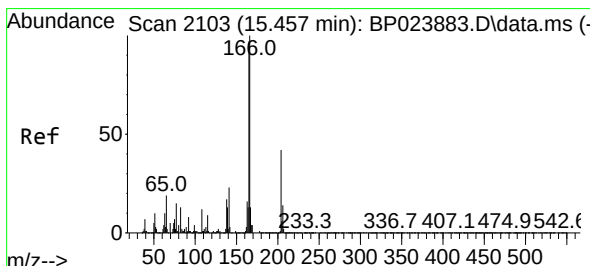
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Reviewed By :Jagrut
Upadhyay



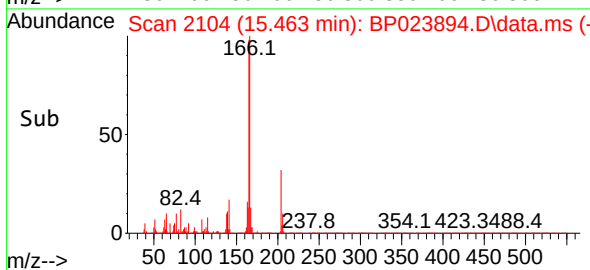
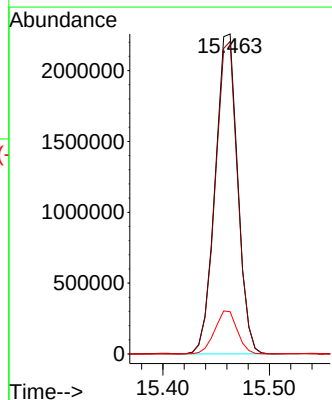
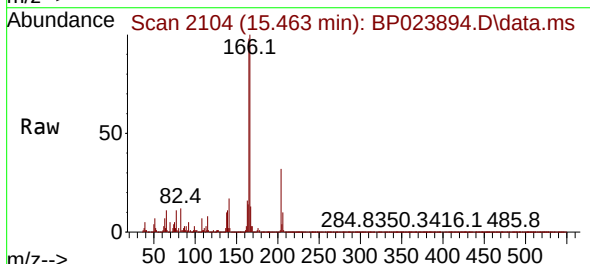
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Supervised By :mohammad
ahmed

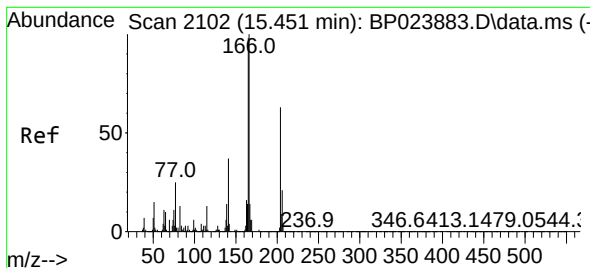
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#61
Fluorene
Concen: 32.879 ng/ul
RT: 15.463 min Scan# 2104
Delta R.T. 0.012 min
Lab File: BP023894.D
Acq: 04 Feb 2025 00:41

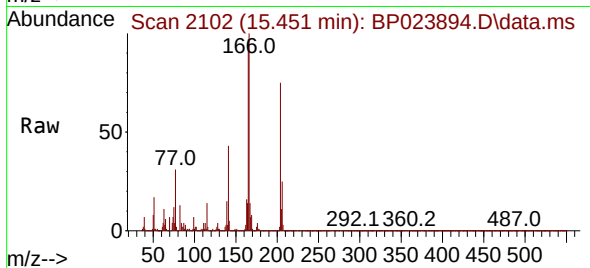
Tgt Ion:166 Resp: 3311986
Ion Ratio Lower Upper
166 100
165 97.6 77.9 116.9
167 13.2 10.6 16.0





#62
4-Chlorophenyl-phenylether
Concen: 31.883 ng/ul
RT: 15.451 min Scan# 2102
Delta R.T. 0.006 min
Lab File: BP023894.D
Acq: 04 Feb 2025 00:41

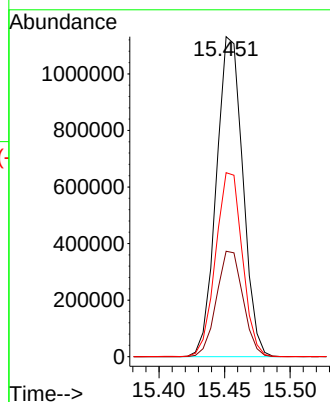
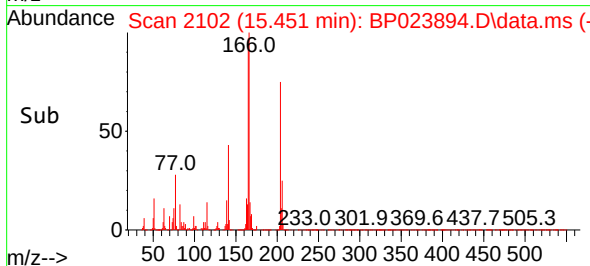
Instrument :
BNA_P
ClientSampleId :
E2975MS



Tgt Ion:204 Resp: 1589838
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 57.5 44.5 66.7

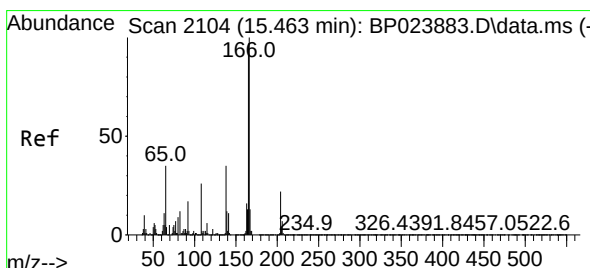
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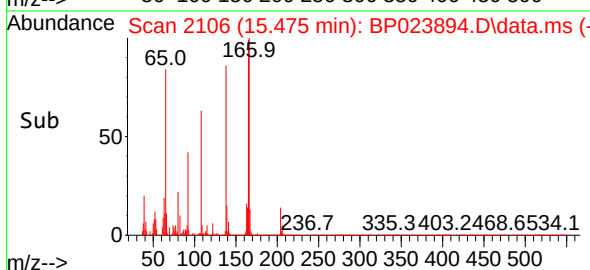
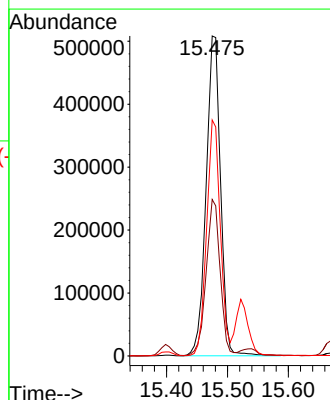
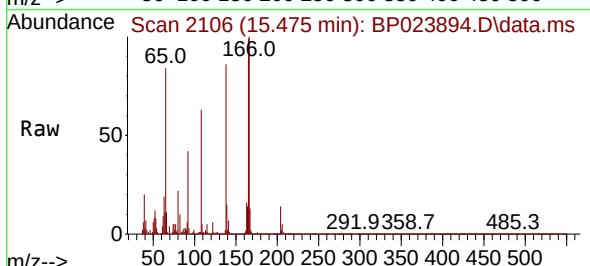
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Supervised By :mohammad
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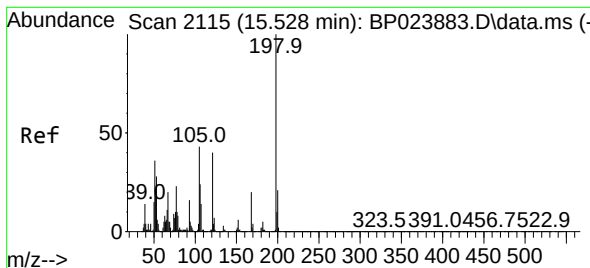
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#63
4-Nitroaniline
Concen: 39.306 ng/ul
RT: 15.475 min Scan# 2106
Delta R.T. 0.006 min
Lab File: BP023894.D
Acq: 04 Feb 2025 00:41

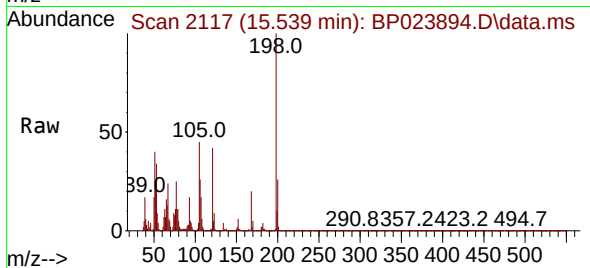
Tgt Ion:138 Resp: 840947
Ion Ratio Lower Upper
138 100
92 48.9 37.7 56.5
108 73.8 56.7 85.1





#66
4,6-Dinitro-2-methylphenol
Concen: 31.972 ng/ul
RT: 15.539 min Scan# 2115
Delta R.T. 0.012 min
Lab File: BP023894.D
Acq: 04 Feb 2025 00:41

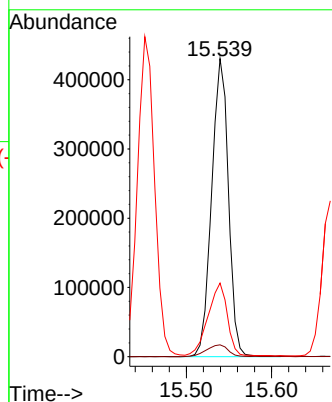
Instrument :
BNA_P
ClientSampleId :
E2975MS



Tgt Ion:198 Resp: 58942
Ion Ratio Lower Upper
198 100
182 4.0 3.9 5.9
77 24.7 19.7 29.5

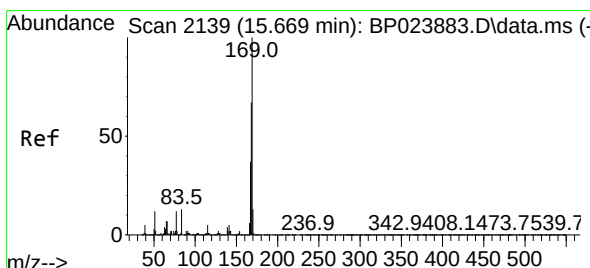
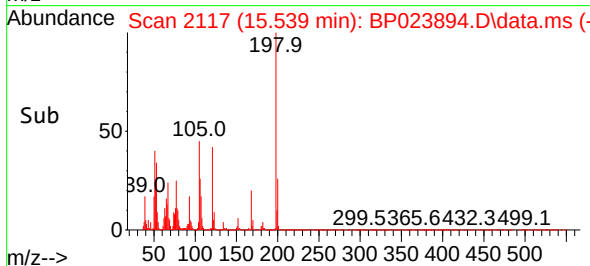
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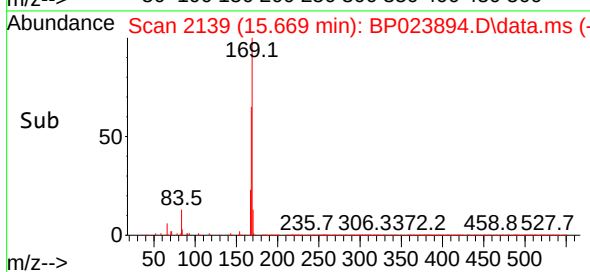
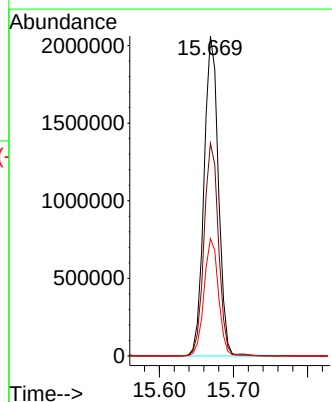
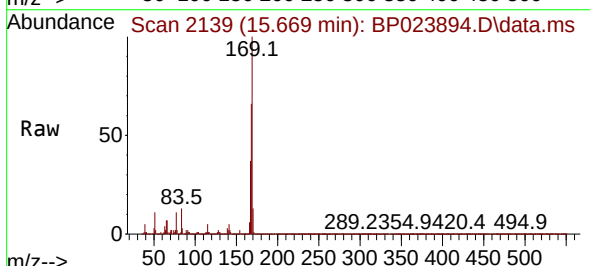
02/04/2025
Supervised By :mohammad
ahmed

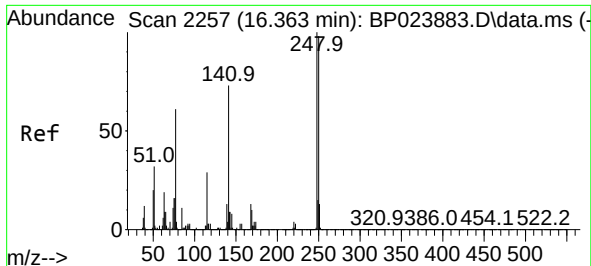
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#67
N-Nitrosodiphenylamine
Concen: 33.432 ng/ul
RT: 15.669 min Scan# 2139
Delta R.T. 0.012 min
Lab File: BP023894.D
Acq: 04 Feb 2025 00:41

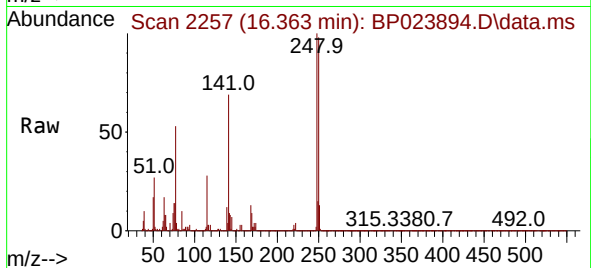
Tgt Ion:169 Resp: 2773369
Ion Ratio Lower Upper
169 100
168 66.5 53.6 80.4
167 36.6 29.0 43.6





#68
4-Bromophenyl-phenylether
Concen: 31.827 ng/ul
RT: 16.363 min Scan# 2257
Delta R.T. 0.006 min
Lab File: BP023894.D
Acq: 04 Feb 2025 00:41

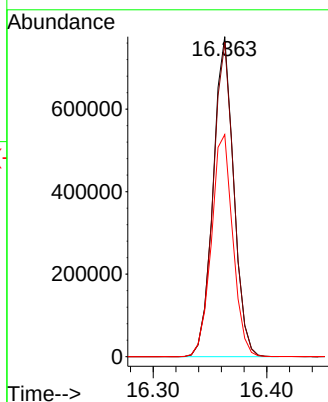
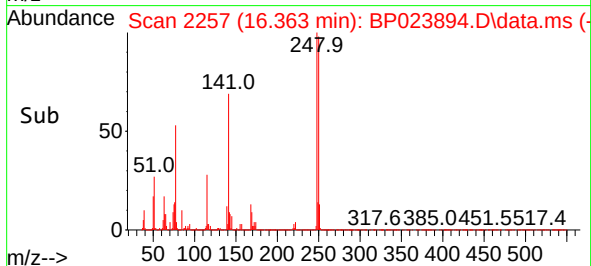
Instrument :
BNA_P
ClientSampleId :
E2975MS



Tgt Ion:248 Resp: 97599
Ion Ratio Lower Upper
248 100
250 98.2 78.8 118.2
141 69.4 55.6 83.4

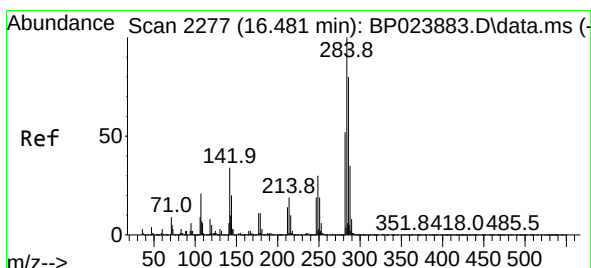
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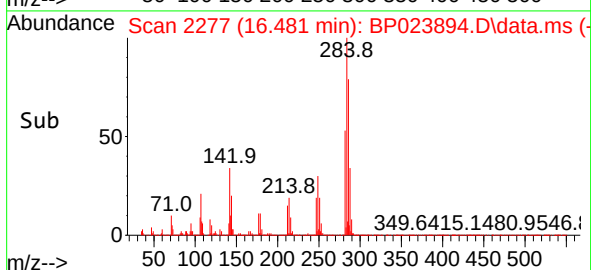
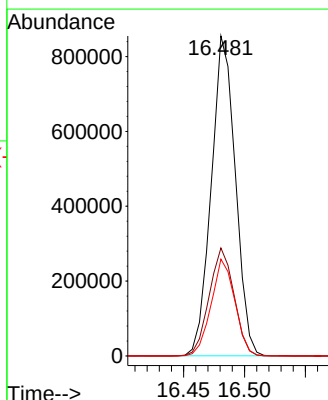
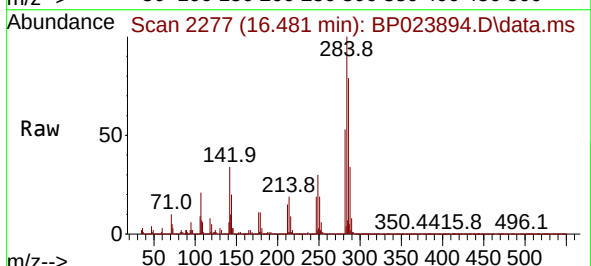
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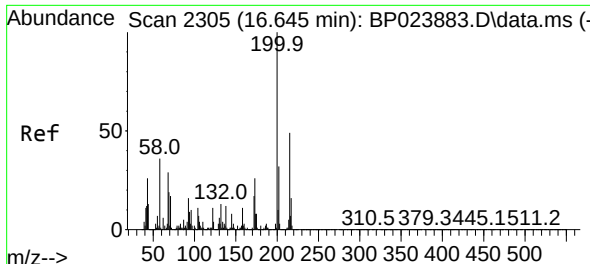
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#69
Hexachlorobenzene
Concen: 31.732 ng/ul
RT: 16.481 min Scan# 2277
Delta R.T. 0.006 min
Lab File: BP023894.D
Acq: 04 Feb 2025 00:41

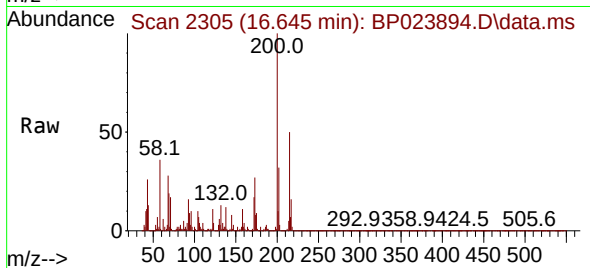
Tgt Ion:284 Resp: 1179048
Ion Ratio Lower Upper
284 100
142 33.8 25.9 38.9
249 30.2 24.0 36.0





#70
Atrazine
Concen: 27.042 ng/ul
RT: 16.645 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP023894.D
Acq: 04 Feb 2025 00:41

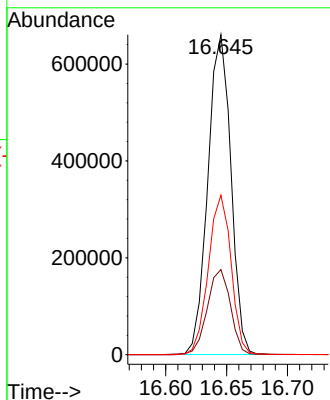
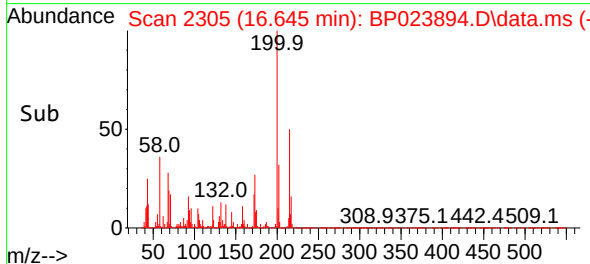
Instrument :
BNA_P
ClientSampleId :
E2975MS



Tgt Ion:200 Resp: 868680
Ion Ratio Lower Upper
200 100
173 26.6 21.0 31.6
215 49.8 40.1 60.1

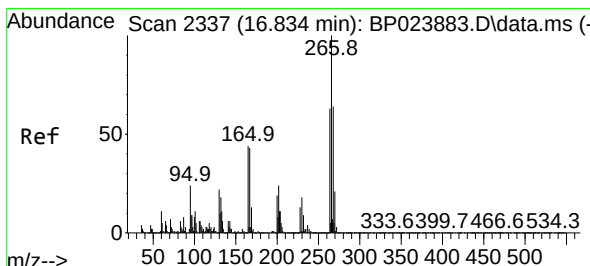
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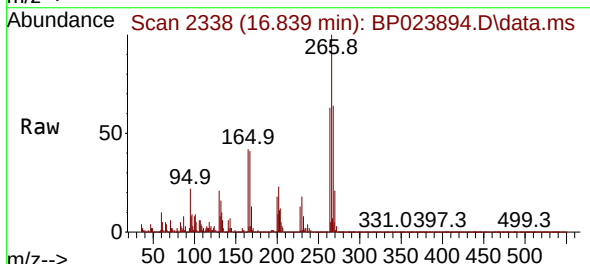


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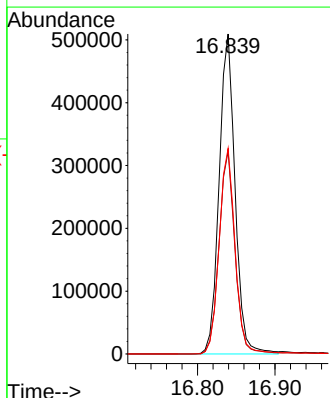
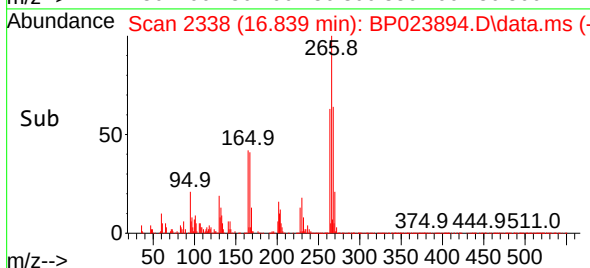
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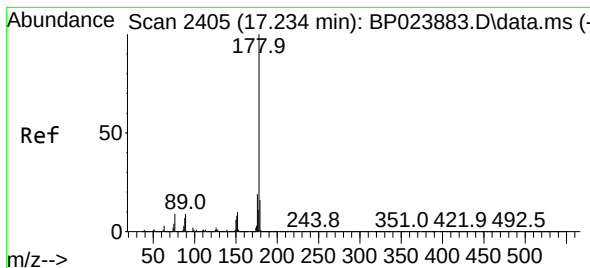


#71
Pentachlorophenol
Concen: 31.944 ng/ul
RT: 16.839 min Scan# 2338
Delta R.T. 0.012 min
Lab File: BP023894.D
Acq: 04 Feb 2025 00:41



Tgt Ion:266 Resp: 730059
Ion Ratio Lower Upper
266 100
264 63.4 50.8 76.2
268 64.2 51.1 76.7





#72

Phenanthrene

Concen: 33.982 ng/u1

RT: 17.233 min Scan# 2405

Delta R.T. 0.006 min

Lab File: BP023894.D

Acq: 04 Feb 2025 00:41

Instrument :

BNA_P

ClientSampleId :

E2975MS

Tgt Ion:178 Resp: 521616

Ion Ratio Lower Upper

178 100

179 15.6 12.2 18.4

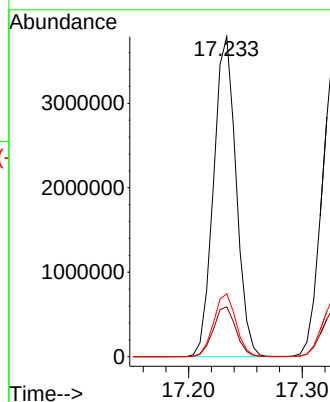
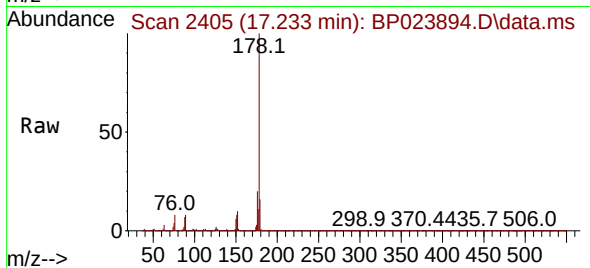
176 19.6 15.6 23.4

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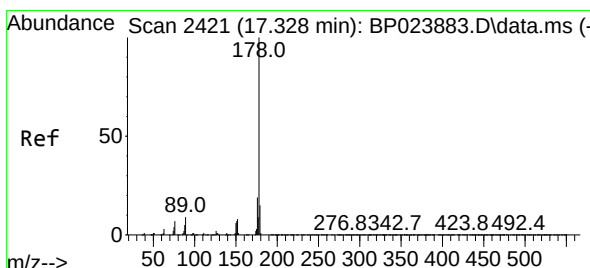
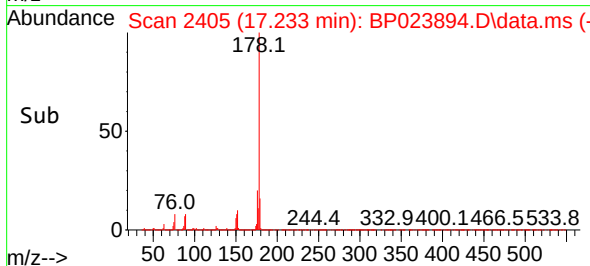
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#74

Anthracene

Concen: 33.799 ng/u1

RT: 17.328 min Scan# 2421

Delta R.T. 0.006 min

Lab File: BP023894.D

Acq: 04 Feb 2025 00:41

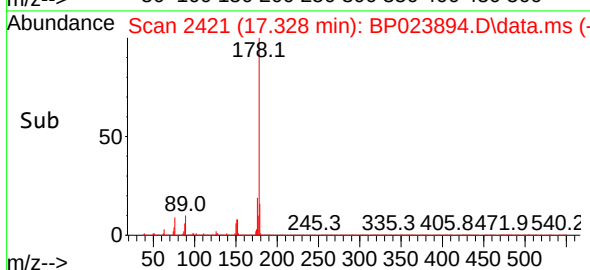
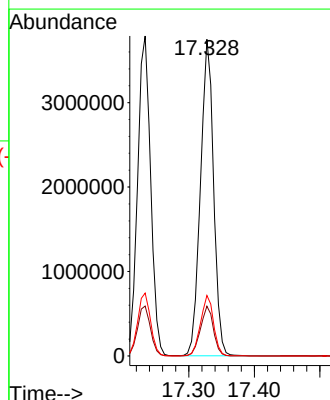
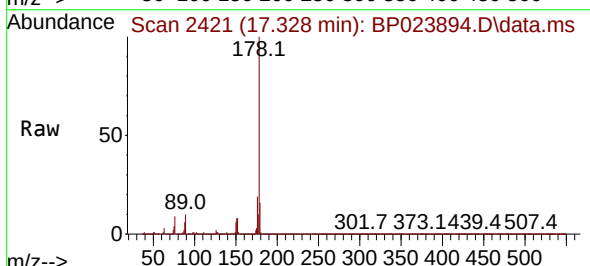
Tgt Ion:178 Resp: 5231954

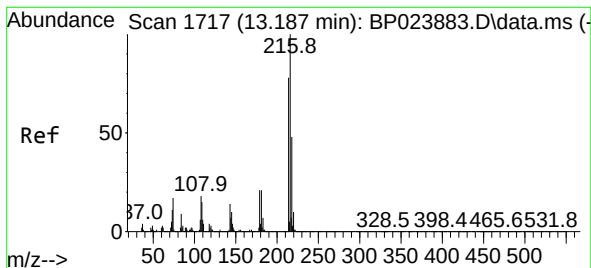
Ion Ratio Lower Upper

178 100

179 15.7 12.4 18.6

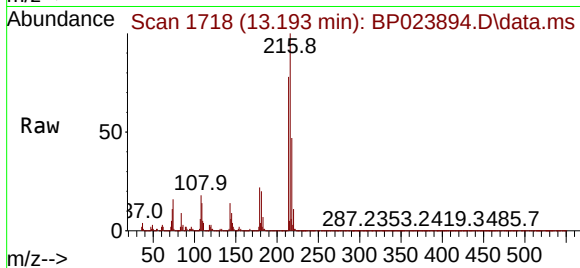
176 19.1 15.0 22.4





#75
1,2,3,4-Tetrachlorobenzene
Concen: 28.859 ng/uL
RT: 13.193 min Scan# 11
Delta R.T. 0.012 min
Lab File: BP023894.D
Acq: 04 Feb 2025 00:41

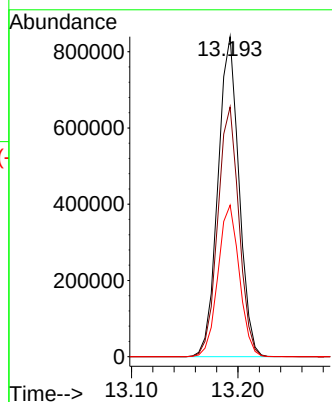
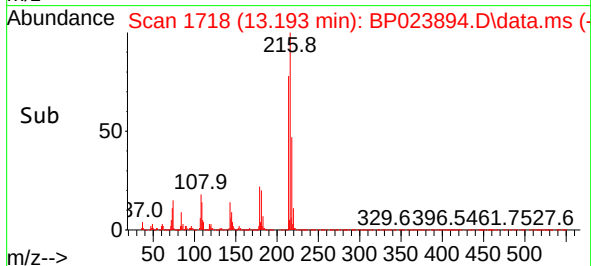
Instrument :
BNA_P
ClientSampleId :
E2975MS



Tgt Ion:216 Resp: 114863
Ion Ratio Lower Upper
216 100
214 78.1 63.0 94.4
218 47.4 37.8 56.8

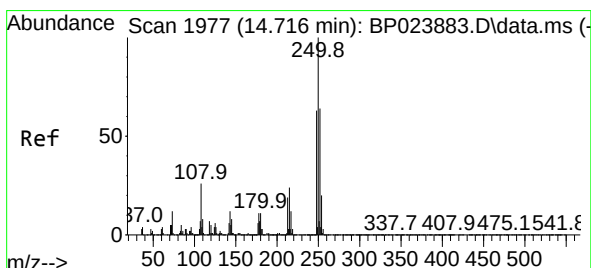
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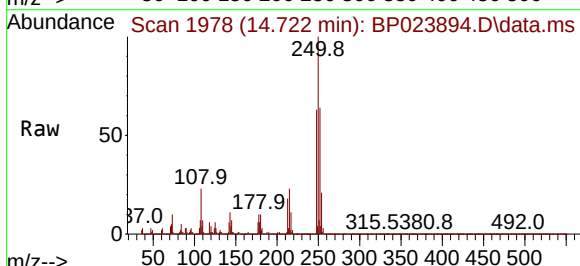


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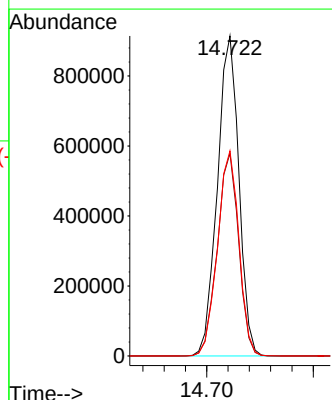
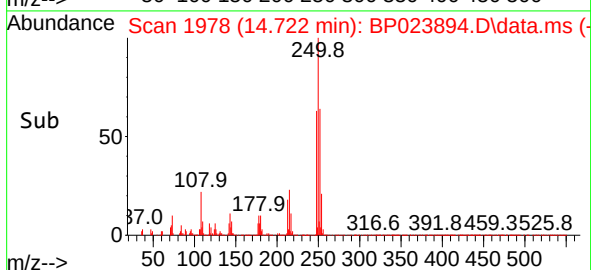
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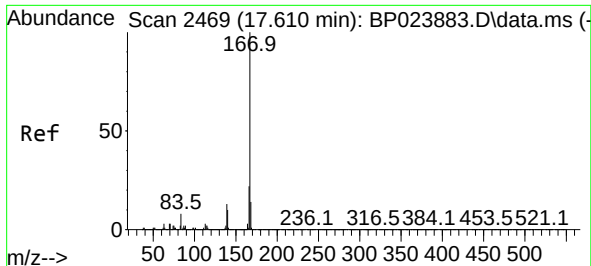


#76
Pentachlorobenzene
Concen: 29.823 ng/uL
RT: 14.722 min Scan# 1978
Delta R.T. 0.006 min
Lab File: BP023894.D
Acq: 04 Feb 2025 00:41



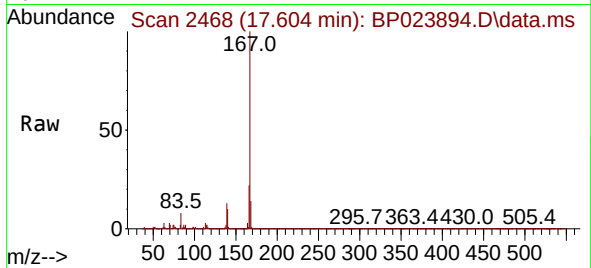
Tgt Ion:250 Resp: 1279180
Ion Ratio Lower Upper
250 100
248 63.3 50.6 76.0
252 64.1 51.8 77.6





#77
 Carbazole
 Concen: 36.541 ng/ul
 RT: 17.604 min Scan# 2469
 Delta R.T. 0.006 min
 Lab File: BP023894.D
 Acq: 04 Feb 2025 00:41

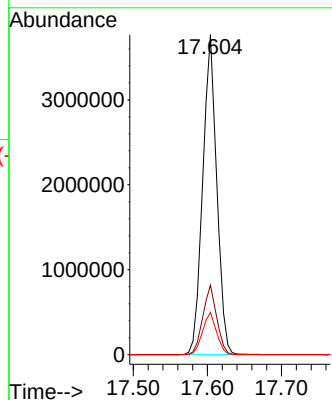
Instrument :
 BNA_P
 ClientSampleId :
 E2975MS



Tgt Ion:167 Resp: 4955424
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.0 25.6
 139 13.2 10.2 15.4

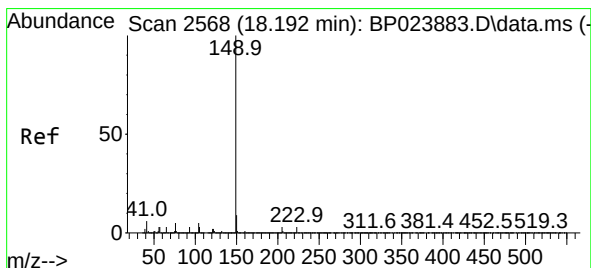
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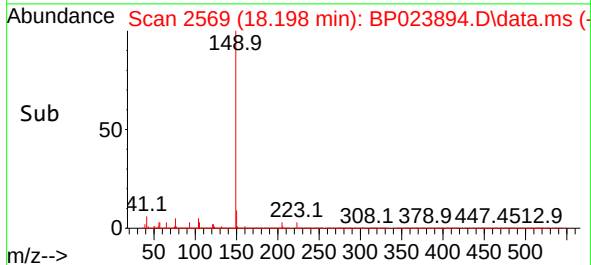
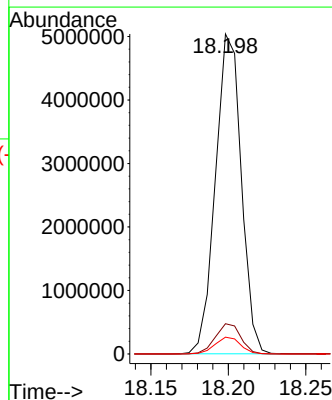
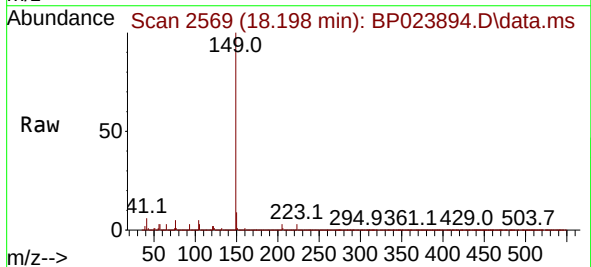
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 ahmed

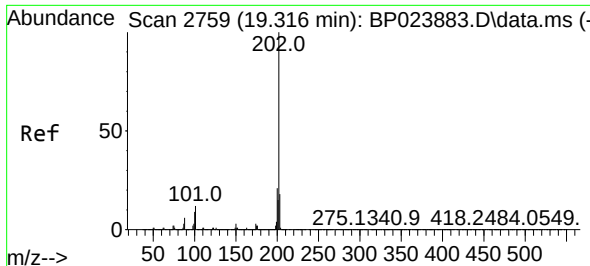
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#78
 Di-n-butylphthalate
 Concen: 34.818 ng/ul
 RT: 18.198 min Scan# 2569
 Delta R.T. 0.006 min
 Lab File: BP023894.D
 Acq: 04 Feb 2025 00:41

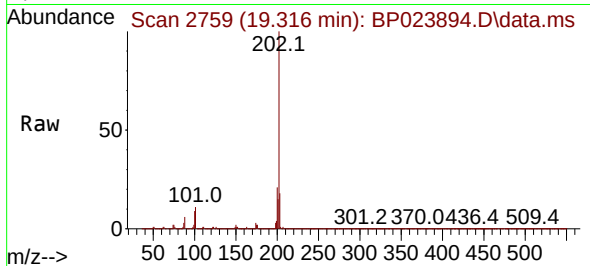
Tgt Ion:149 Resp: 5844148
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.4 11.2
 104 5.3 4.0 6.0





#80
Fluoranthene
Concen: 34.502 ng/u1
RT: 19.316 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP023894.D
Acq: 04 Feb 2025 00:41

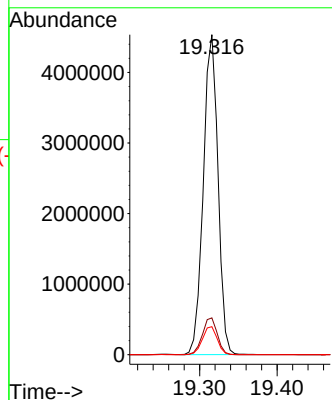
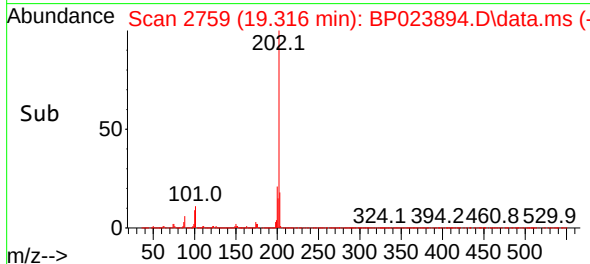
Instrument :
BNA_P
ClientSampleId :
E2975MS



Tgt Ion:202 Resp: 5956774
Ion Ratio Lower Upper
202 100
101 11.5 9.4 14.2
100 8.7 7.0 10.6

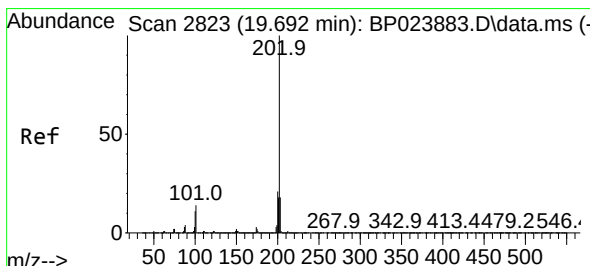
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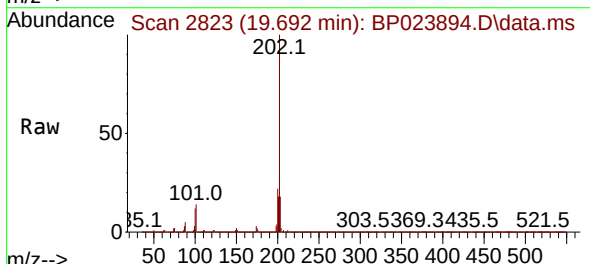


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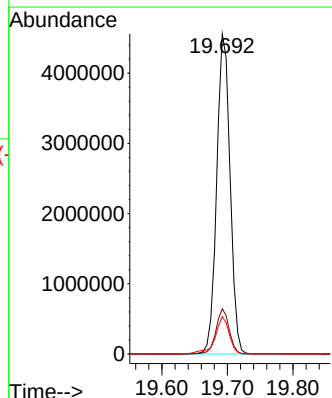
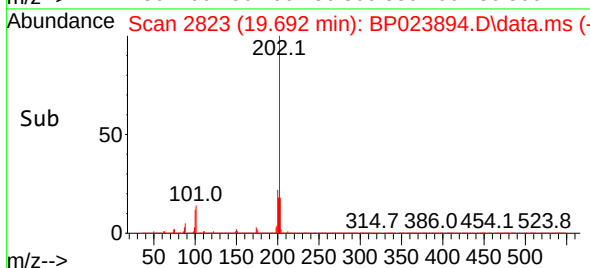
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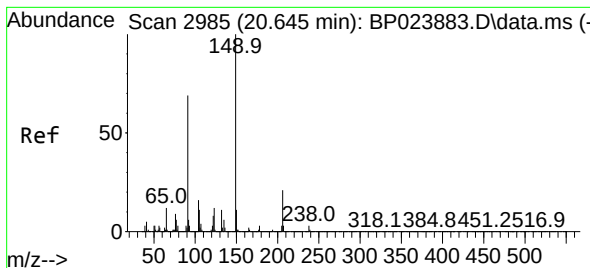


#82
Pyrene
Concen: 35.580 ng/u1
RT: 19.692 min Scan# 2823
Delta R.T. -0.000 min
Lab File: BP023894.D
Acq: 04 Feb 2025 00:41



Tgt Ion:202 Resp: 6423935
Ion Ratio Lower Upper
202 100
101 14.1 10.4 15.6
100 11.7 8.6 12.8





#83

Butylbenzylphthalate

Concen: 34.682 ng/ul

RT: 20.645 min Scan# 2985

Delta R.T. -0.000 min

Lab File: BP023894.D

Acq: 04 Feb 2025 00:41

Instrument :

BNA_P

ClientSampleId :

E2975MS

Tgt Ion:149 Resp: 269660

Ion Ratio Lower Upper

149 100

91 71.4 54.9 82.3

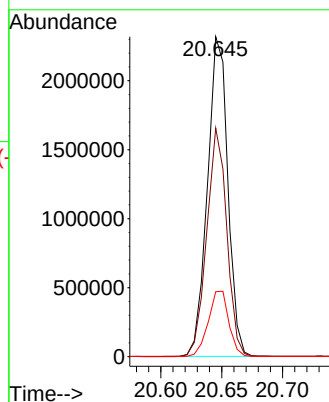
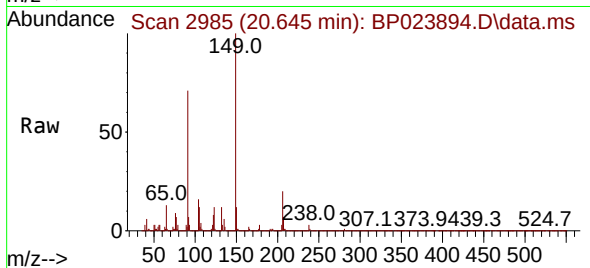
206 20.3 16.2 24.4

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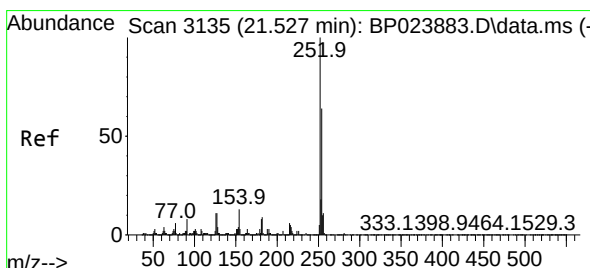
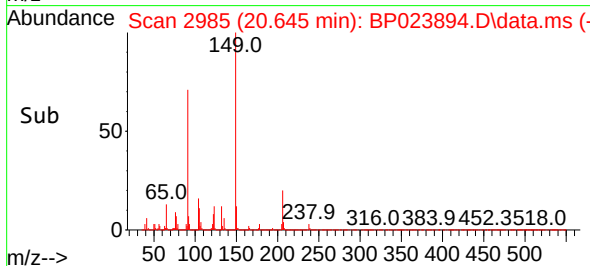
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#84

3,3'-Dichlorobenzidine

Concen: 14.125 ng/ul

RT: 21.539 min Scan# 3137

Delta R.T. -0.000 min

Lab File: BP023894.D

Acq: 04 Feb 2025 00:41

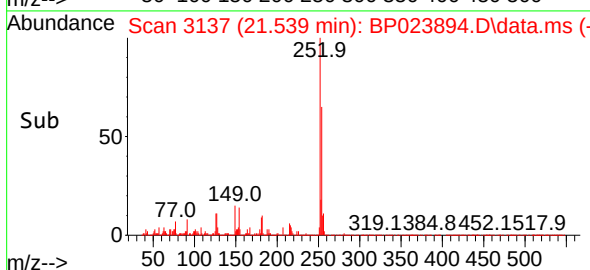
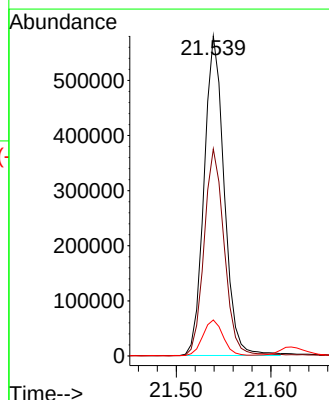
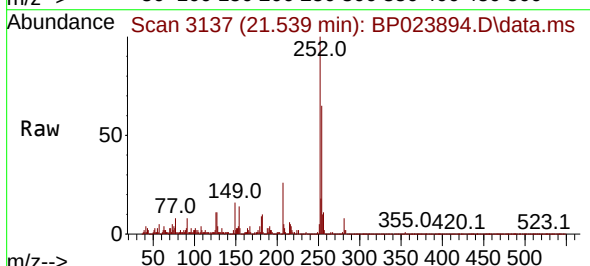
Tgt Ion:252 Resp: 854902

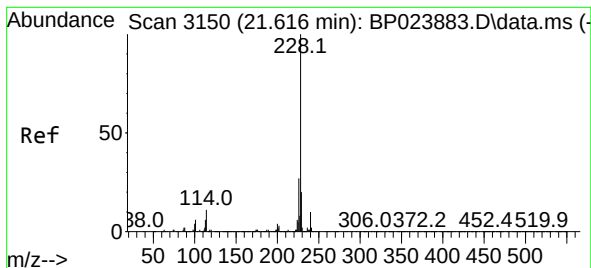
Ion Ratio Lower Upper

252 100

254 64.7 51.4 77.0

126 11.2 9.1 13.7





#85

Benzo(a)anthracene

Concen: 33.479 ng/ul

RT: 21.621 min Scan# 3151

Delta R.T. 0.006 min

Lab File: BP023894.D

Acq: 04 Feb 2025 00:41

Instrument :

BNA_P

ClientSampleId :

E2975MS

Tgt Ion:228 Resp: 615856

Ion Ratio Lower Upper

228 100

229 20.0 15.9 23.9

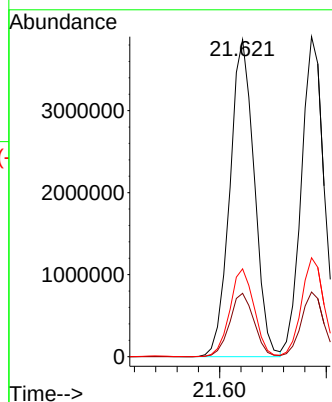
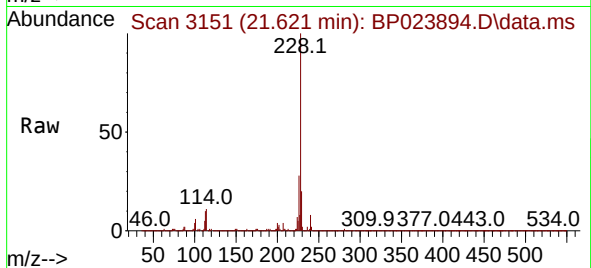
226 27.7 21.7 32.5

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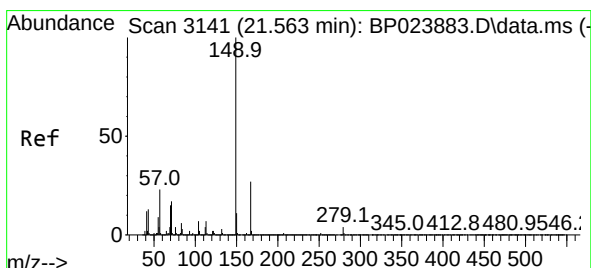
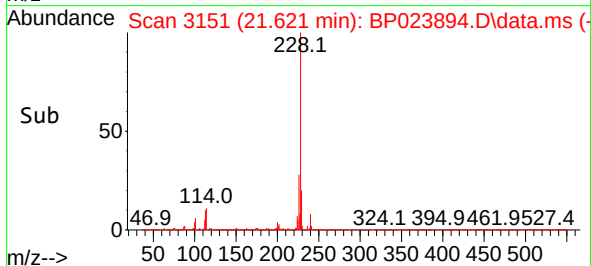
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#86

Bis(2-ethylhexyl)phthalate

Concen: 34.644 ng/ul

RT: 21.563 min Scan# 3141

Delta R.T. -0.000 min

Lab File: BP023894.D

Acq: 04 Feb 2025 00:41

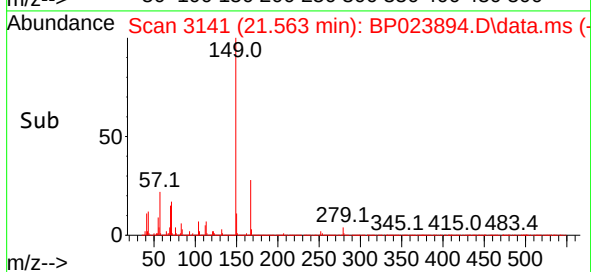
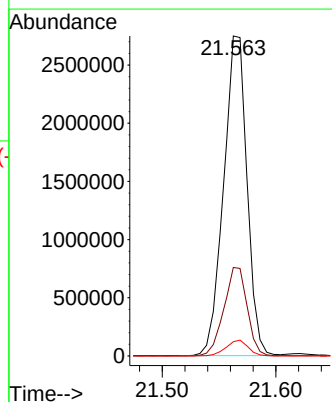
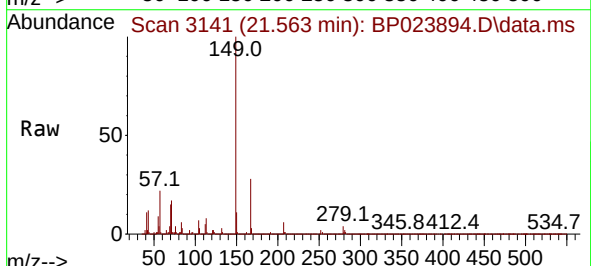
Tgt Ion:149 Resp: 3930115

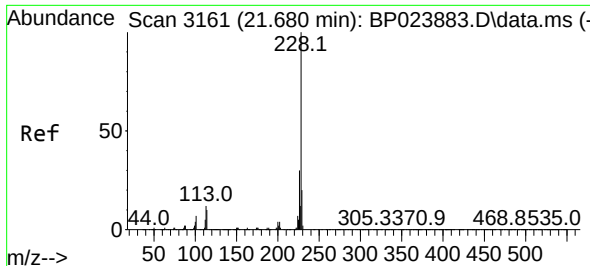
Ion Ratio Lower Upper

149 100

167 27.6 22.6 33.8

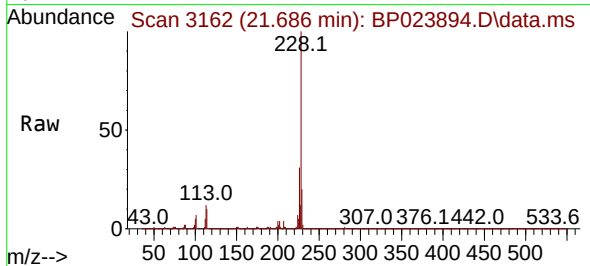
279 4.5 3.8 5.6





#87
Chrysene
Concen: 34.003 ng/ul
RT: 21.686 min Scan# 3161
Delta R.T. -0.000 min
Lab File: BP023894.D
Acq: 04 Feb 2025 00:41

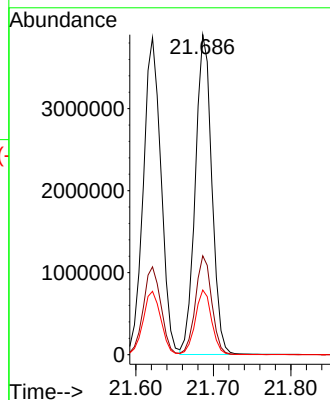
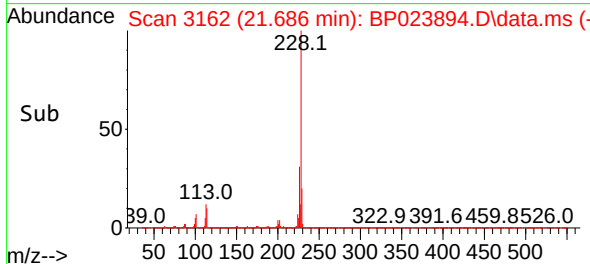
Instrument :
BNA_P
ClientSampleId :
E2975MS



Tgt Ion:228 Resp: 5763498
Ion Ratio Lower Upper
228 100
226 30.9 23.8 35.6
229 20.2 15.7 23.5

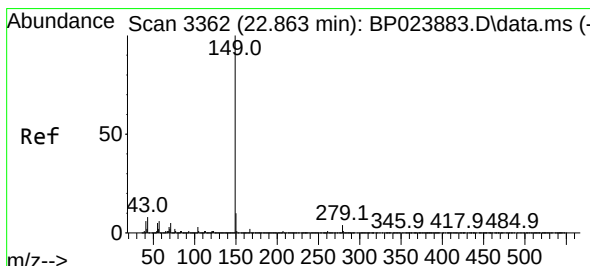
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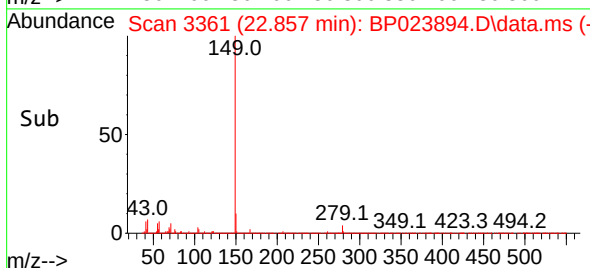
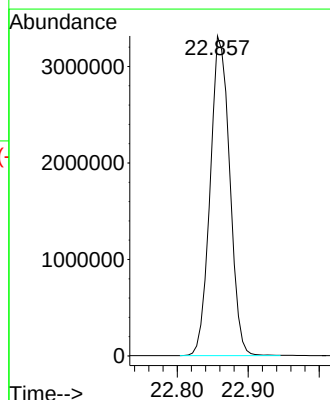
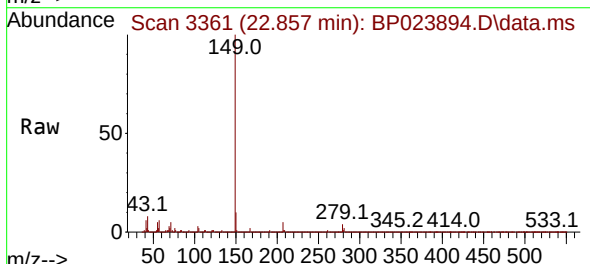
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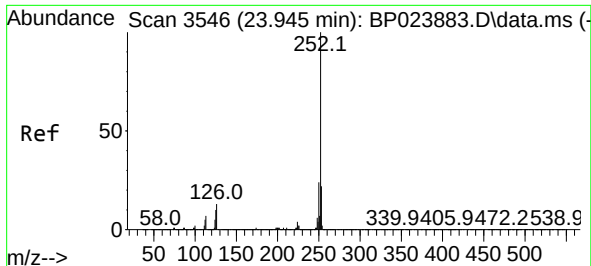
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#89
Di-n-octyl phthalate
Concen: 37.310 ng/ul
RT: 22.857 min Scan# 3361
Delta R.T. 0.006 min
Lab File: BP023894.D
Acq: 04 Feb 2025 00:41

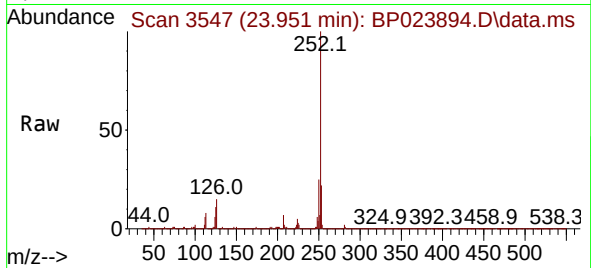
Tgt Ion:149 Resp: 6331480





#90
Benzo(b)fluoranthene
Concen: 33.943 ng/ul
RT: 23.951 min Scan# 3546
Delta R.T. 0.006 min
Lab File: BP023894.D
Acq: 04 Feb 2025 00:41

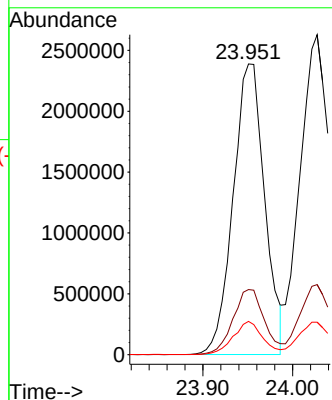
Instrument :
BNA_P
ClientSampleId :
E2975MS



Tgt Ion:252 Resp: 5830462
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 11.5 8.2 12.2

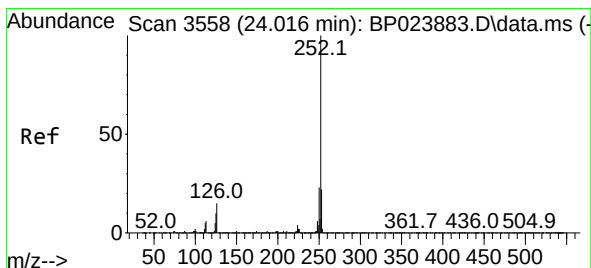
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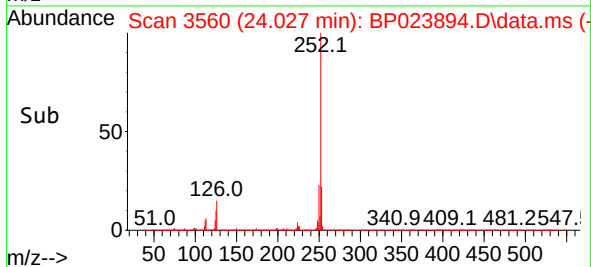
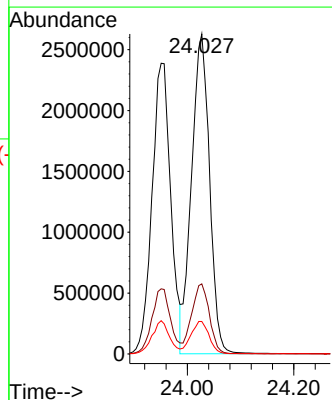
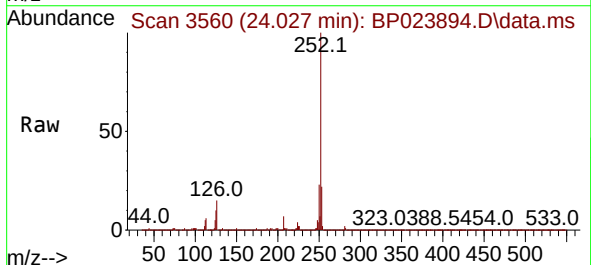
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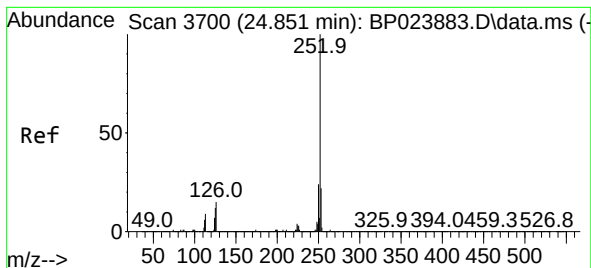
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#91
Benzo(k)fluoranthene
Concen: 35.677 ng/ul
RT: 24.027 min Scan# 3560
Delta R.T. 0.018 min
Lab File: BP023894.D
Acq: 04 Feb 2025 00:41

Tgt Ion:252 Resp: 6143608
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.6
125 10.2 8.5 12.7





#93

Benzo(a)pyrene

Concen: 34.225 ng/ul

RT: 24.868 min Scan# 31

Delta R.T. 0.012 min

Lab File: BP023894.D

Acq: 04 Feb 2025 00:41

Instrument :

BNA_P

ClientSampleId :

E2975MS

Tgt Ion:252 Resp: 549009

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

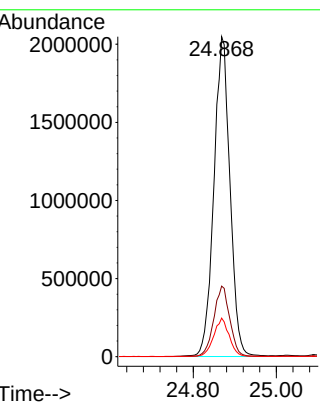
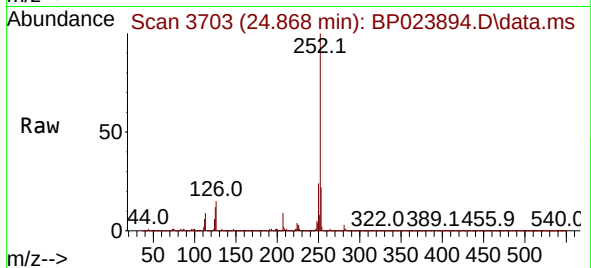
125 12.0 9.2 13.8

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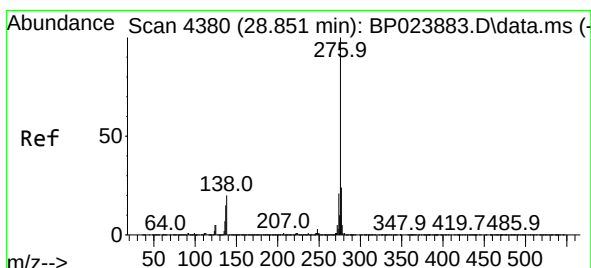
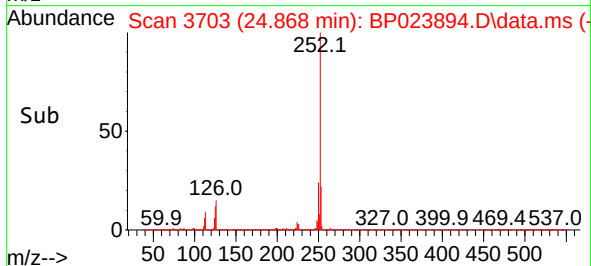
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#94

Indeno(1,2,3-cd)pyrene

Concen: 33.624 ng/ul m

RT: 28.880 min Scan# 4385

Delta R.T. 0.053 min

Lab File: BP023894.D

Acq: 04 Feb 2025 00:41

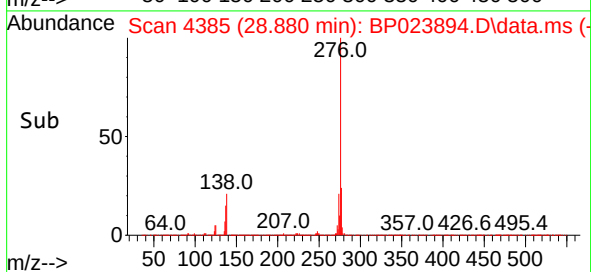
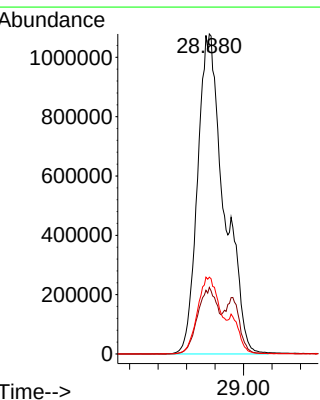
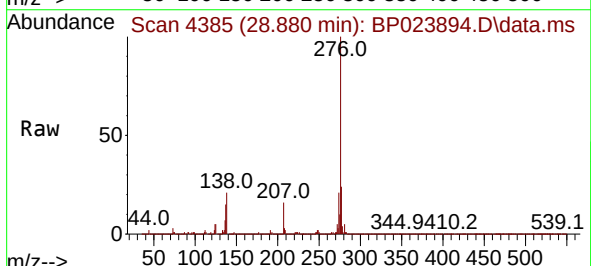
Tgt Ion:276 Resp: 6991246

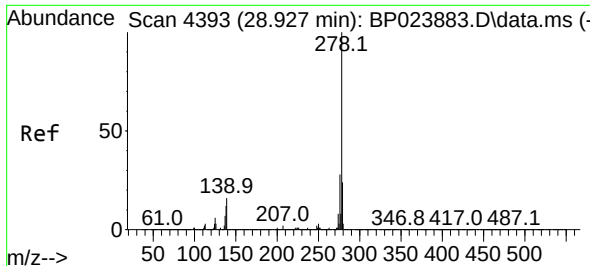
Ion Ratio Lower Upper

276 100

138 20.8 15.9 23.9

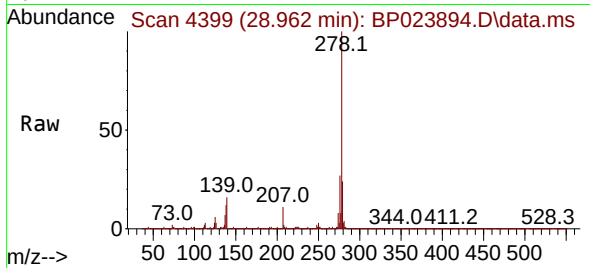
277 24.0 19.0 28.4





#95
 Dibenzo(a,h)anthracene
 Concen: 34.323 ng/ul
 RT: 28.962 min Scan# 41
 Delta R.T. 0.035 min
 Lab File: BP023894.D
 Acq: 04 Feb 2025 00:41

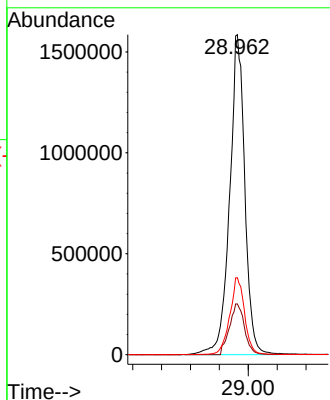
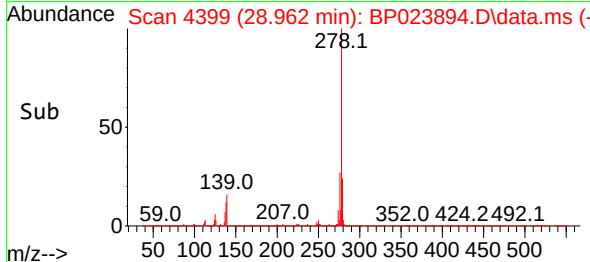
Instrument :
 BNA_P
 ClientSampleId :
 E2975MS



Tgt Ion:278 Resp: 578932
 Ion Ratio Lower Upper
 278 100
 139 15.9 12.7 19.1
 279 24.1 19.0 28.6

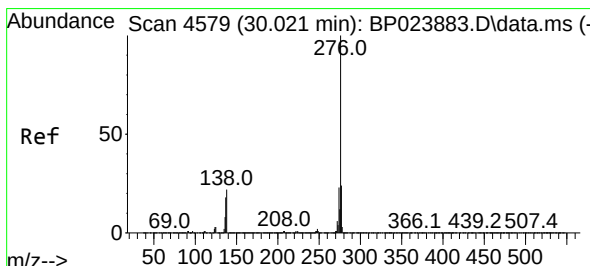
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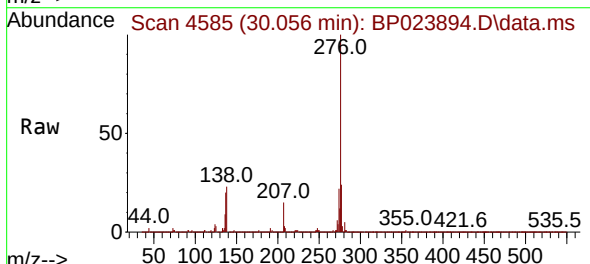


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 ahmed

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#96
 Benzo(g,h,i)perylene
 Concen: 33.601 ng/ul m
 RT: 30.056 min Scan# 4585
 Delta R.T. 0.053 min
 Lab File: BP023894.D
 Acq: 04 Feb 2025 00:41



Tgt Ion:276 Resp: 5351483
 Ion Ratio Lower Upper
 276 100
 138 22.8 17.8 26.6
 277 24.2 19.0 28.6

