

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012425\
 Data File : BP023712.D
 Acq On : 24 Jan 2025 11:32
 Operator : RC/JU
 Sample : Q1148-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 XA173

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/27/2025
 Supervised By :mohammad ahmed 01/27/2025

Quant Time: Jan 26 21:55:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012225.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 23 00:03:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	588601	20.000	ng/u1	0.00
20) Naphthalene-d8	10.569	136	2486685	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.416	164	1543128	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.210	188	3052789	20.000	ng/u1	0.00
79) Chrysene-d12	21.656	240	3127315	20.000	ng/u1	0.00
88) Perylene-d12	25.050	264	3454610	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	55510	3.798	ng/uL	0.00
4) Pyridine-d5	3.716	84	68419	1.622	ng/u1	0.01
7) Phenol-d5	6.957	99	1135415	22.797	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	652378	23.190	ng/u1	0.00
11) 2-Chlorophenol-d4	7.334	132	893176	23.589	ng/u1	0.00
15) 4-Methylphenol-d8	8.492	113	887415	22.659	ng/u1	0.00
21) Nitrobenzene-d5	8.934	128	435996	23.271	ng/u1	0.00
24) 2-Nitrophenol-d4	9.651	143	411500	23.957	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.192	165	1054653	29.211	ng/u1	0.00
31) 4-Chloroaniline-d4	10.692	131	1061945	18.392	ng/u1	0.00
46) Dimethylphthalate-d6	13.827	166	3127942	28.185	ng/u1	0.00
49) Acenaphthylene-d8	14.104	160	3521361	27.416	ng/u1	0.00
54) 4-Nitrophenol-d4	14.604	143	627337	28.133	ng/u1	0.00
60) Fluorene-d10	15.422	176	2910151	30.634	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.527	200	347504	23.115	ng/u1	0.00
73) Anthracene-d10	17.310	188	4792765	32.701	ng/u1	0.00
81) Pyrene-d10	19.674	212	5571856	35.014	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.815	264	6000249	34.701	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	6.981	94	1907476	36.601	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.222	93	8419250	207.663	ng/u1	99
12) 2-Chlorophenol	7.363	128	3795030	94.548	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.598	70	6131115	210.698	ng/u1	94
19) Hexachloroethane	8.869	117	2255695	137.503	ng/u1	99
22) Nitrobenzene	8.981	77	1742606	39.810	ng/u1	98
23) Isophorone	9.510	82	14164612	170.131	ng/u1	93
25) 2-Nitrophenol	9.681	139	1022832	50.720	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.987	93	10284522	190.633	ng/u1	97
29) 2,4-Dichlorophenol	10.222	162	4268630	114.363	ng/u1	99
33) Hexachlorobutadiene	10.910	225	3540375	150.685	ng/u1	99
35) 4-Chloro-3-methylphenol	11.833	107	1855816	47.997	ng/u1	99
36) 2-Methylnaphthalene	12.228	142	5229287	57.867	ng/u1	100
41) 2,4,6-Trichlorophenol	12.839	196	5860312	217.466	ng/u1	100
42) 2,4,5-Trichlorophenol	12.898	196	1438650	48.334	ng/u1	100
48) 2,6-Dinitrotoluene	13.986	165	6131712	308.563	ng/u1	93
50) Acenaphthylene	14.133	152	2950828	21.189	ng/u1	100
52) Acenaphthene	14.486	153	11616250	117.975	ng/u1	99
55) 4-Nitrophenol	14.622	109	1864667	113.947	ng/u1	94
57) 2,4-Dinitrotoluene	14.780	165	5983757	201.269	ng/u1	94
61) Fluorene	15.474	166	16537492m	146.533	ng/u1	
62) 4-Chlorophenyl-phenyle...	15.474	204	3370391	61.013	ng/u1	99
68) 4-Bromophenyl-phenylether	16.386	248	1620212	49.571	ng/u1	99
69) Hexachlorobenzene	16.504	284	10430387	262.245	ng/u1	93

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

71) Pentachlorophenol	16.857	266	7130105	296.777	ng/ul	99
72) Phenanthrene	17.257	178	8942133	51.845	ng/ul	99
74) Anthracene	17.345	178	8797324	51.348	ng/ul	98
78) Di-n-butylphthalate	18.215	149	18291315m	106.820	ng/ul	
80) Fluoranthene	19.321	202	18656509m	103.109	ng/ul	
82) Pyrene	19.704	202	13691808	69.671	ng/ul#	88
83) Butylbenzylphthalate	20.662	149	4233836	59.737	ng/ul	94
85) Benzo(a)anthracene	21.627	228	20862944m	105.230	ng/ul	
86) Bis(2-ethylhexyl)phtha...	21.580	149	17295099m	163.635	ng/ul	
87) Chrysene	21.704	228	23169594m	124.829	ng/ul	
90) Benzo(b)fluoranthene	23.974	252	31541456m	153.694	ng/ul	
93) Benzo(a)pyrene	24.886	252	8932729	46.248	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.903	276	9707088m	40.435	ng/ul	
95) Dibenzo(a,h)anthracene	29.021	278	20329444	104.241	ng/ul	99
96) Benzo(g,h,i)perylene	30.109	276	6667517m	36.104	ng/ul	

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

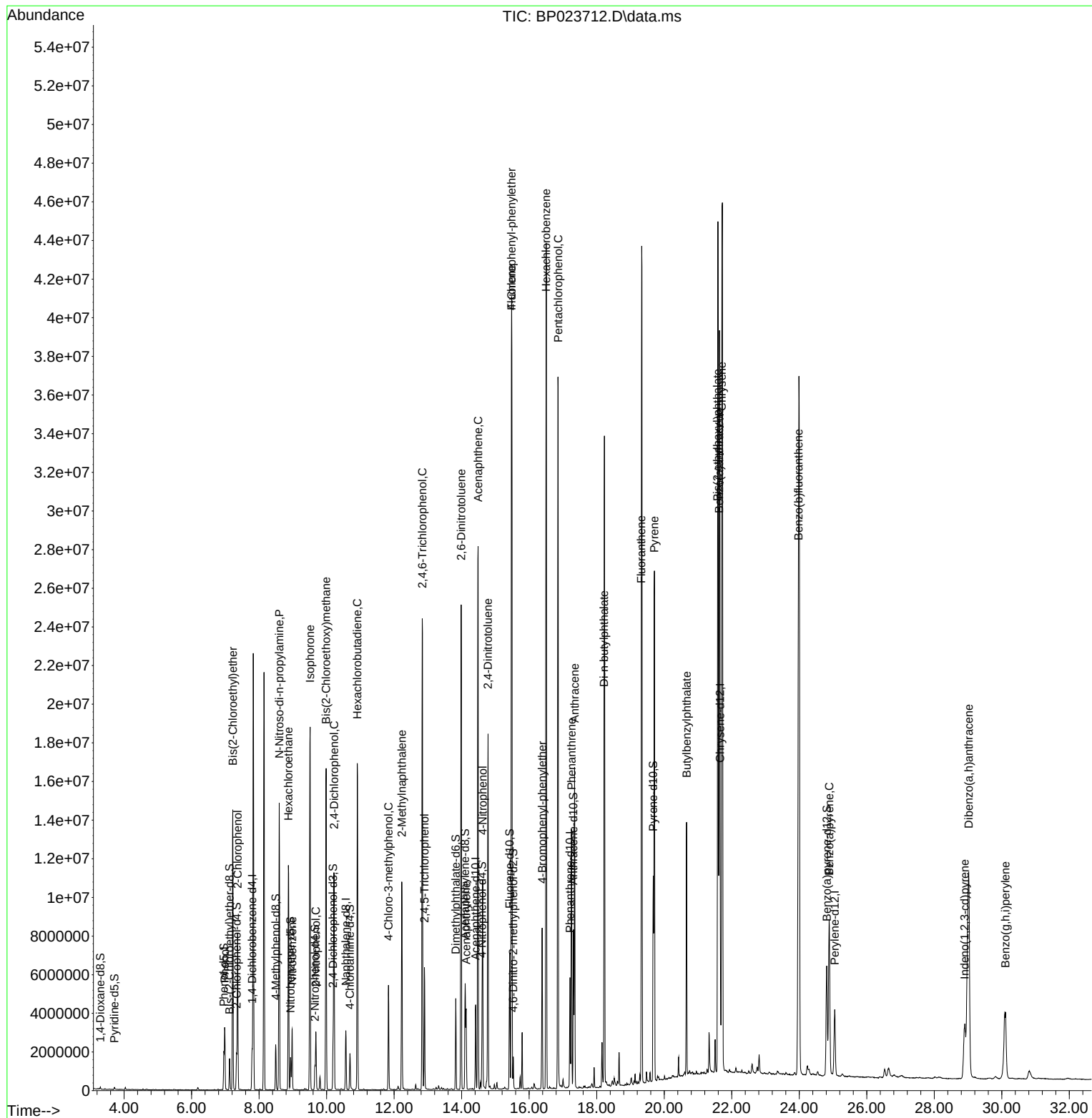
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 ALS Vial : 5 Sample Multiplier: 1

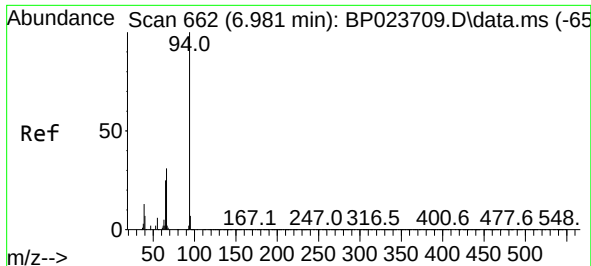
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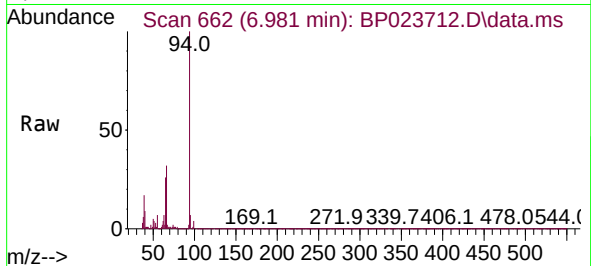
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#8
Phenol
Concen: 36.601 ng/ul
RT: 6.981 min Scan# 60
Delta R.T. -0.000 min
Lab File: BP023712.D
Acq: 24 Jan 2025 11:32

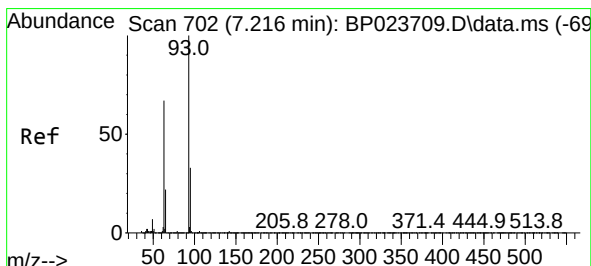
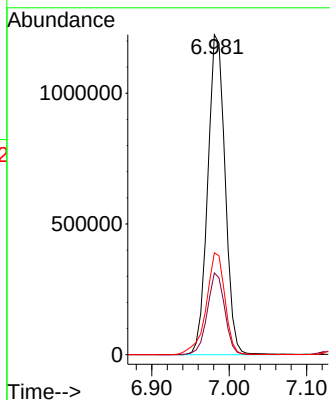
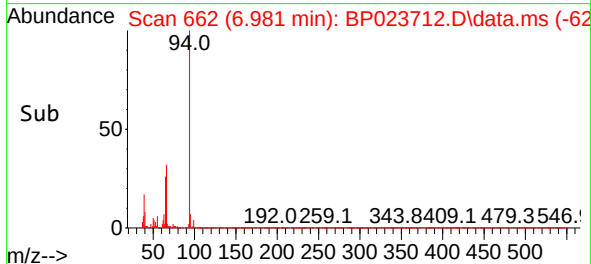
Instrument :
BNA_P
ClientSampleId :
XA173



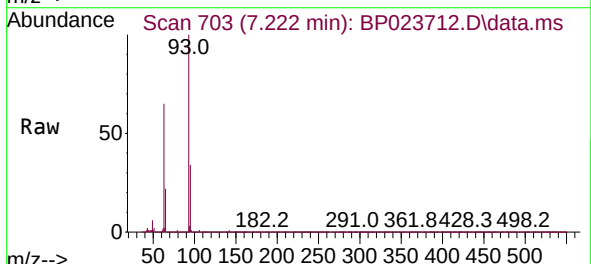
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Ion Ratio Lower Upper
94 100
65 25.5 20.2 30.2
66 31.8 26.0 39.0

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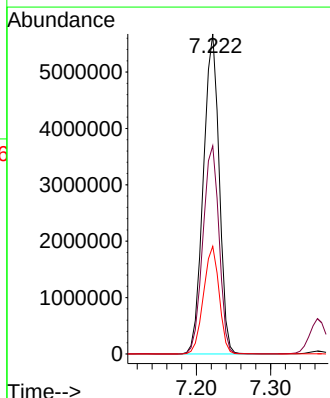
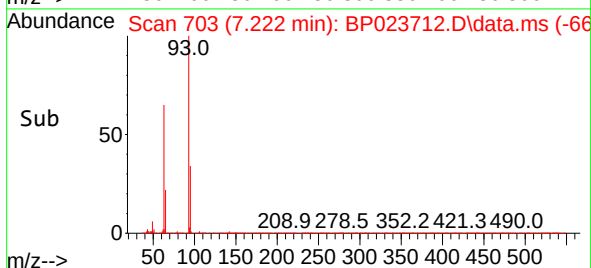
Reviewed By :Yogesh Patel 01/27/2025
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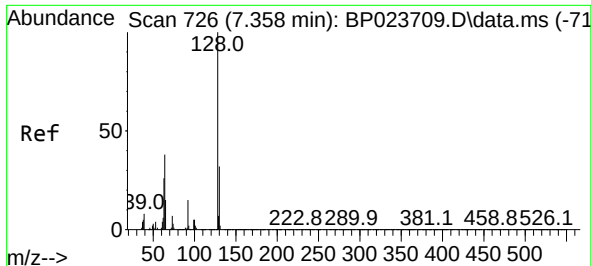


#10
Bis(2-Chloroethyl)ether
Concen: 207.663 ng/ul
RT: 7.222 min Scan# 703
Delta R.T. -0.000 min
Lab File: BP023712.D
Acq: 24 Jan 2025 11:32



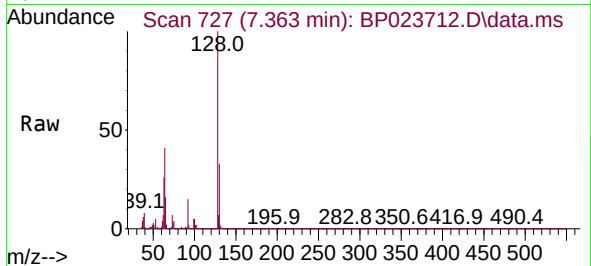
Tgt Ion: 93 Resp: 8419250
Ion Ratio Lower Upper
93 100
63 65.1 52.9 79.3
95 33.7 26.1 39.1





#12
2-Chlorophenol
Concen: 94.548 ng/ul
RT: 7.363 min Scan# 71
Delta R.T. -0.000 min
Lab File: BP023712.D
Acq: 24 Jan 2025 11:32

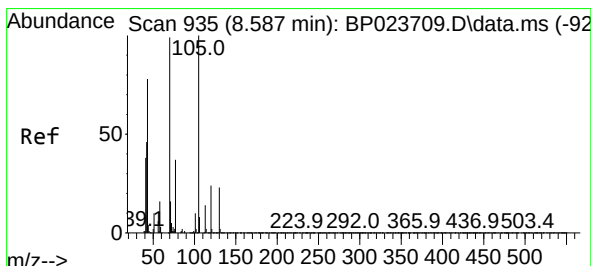
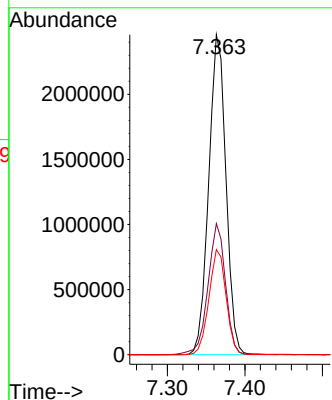
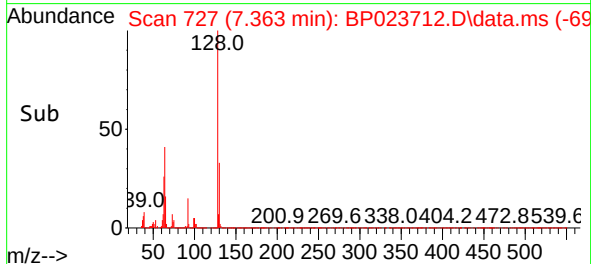
Instrument :
BNA_P
ClientSampleId :
XA173



Tgt Ion:128 Resp: 3795030
Ion Ratio Lower Upper
128 100
64 41.0 32.4 48.6
130 32.9 26.2 39.4

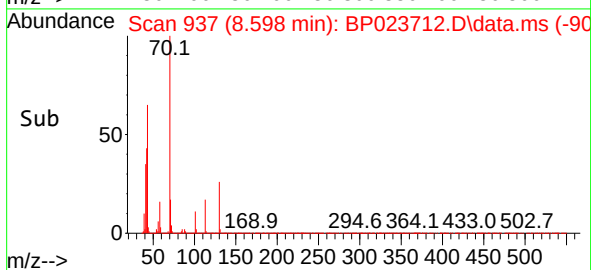
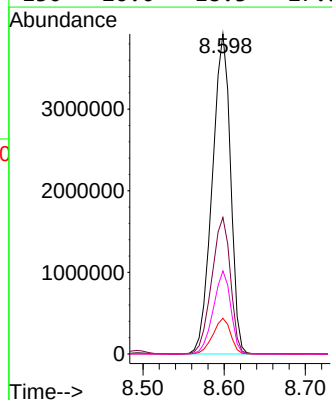
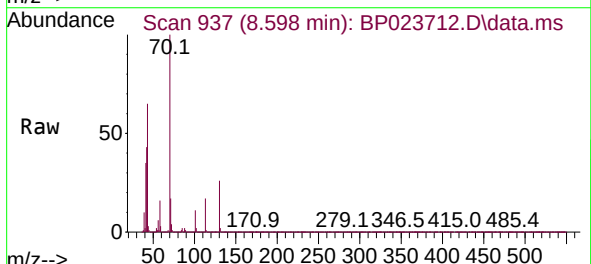
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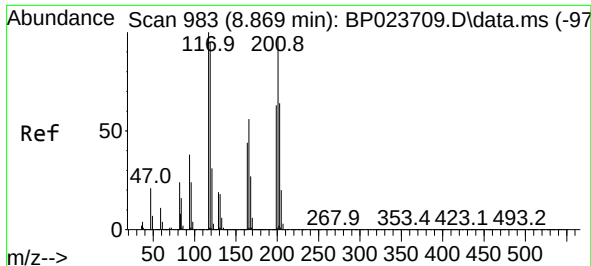
Reviewed By :Yogesh Patel 01/27/2025
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#17
N-Nitroso-di-n-propylamine
Concen: 210.698 ng/ul
RT: 8.598 min Scan# 937
Delta R.T. 0.006 min
Lab File: BP023712.D
Acq: 24 Jan 2025 11:32

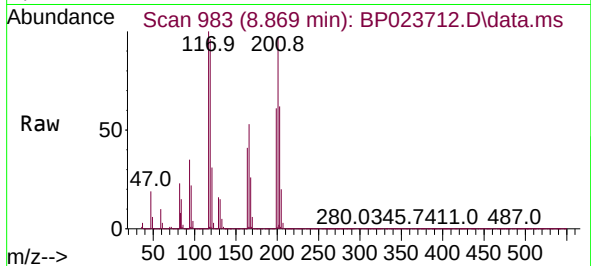
Tgt Ion: 70 Resp: 6131115
Ion Ratio Lower Upper
70 100
42 42.6 37.7 56.5
101 11.2 8.4 12.6
130 26.0 18.3 27.5





#19
Hexachloroethane
Concen: 137.503 ng/ul
RT: 8.869 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP023712.D
Acq: 24 Jan 2025 11:32

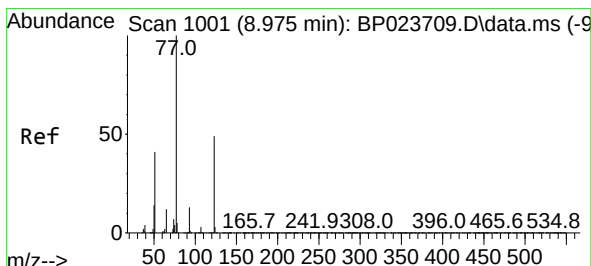
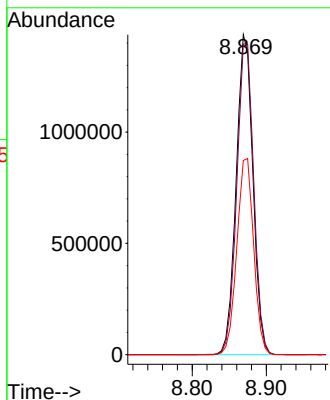
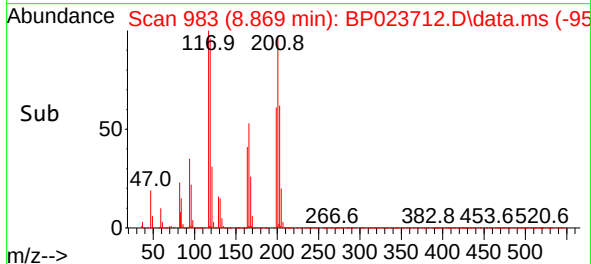
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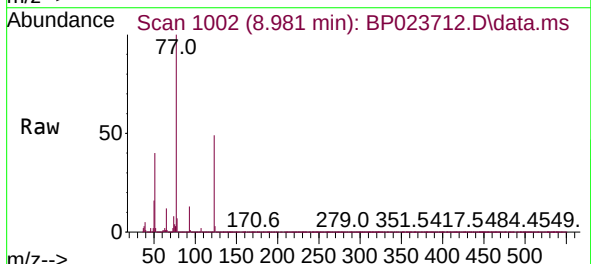
Tgt Ion:117 Resp: 225569
Ion Ratio Lower Upper
117 100
201 97.1 76.6 114.8
199 60.7 48.7 73.1

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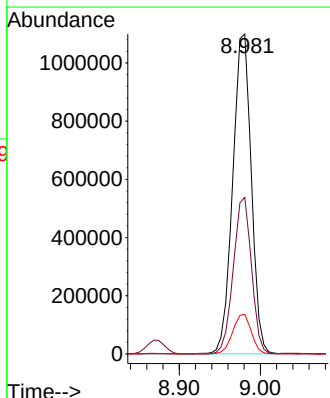
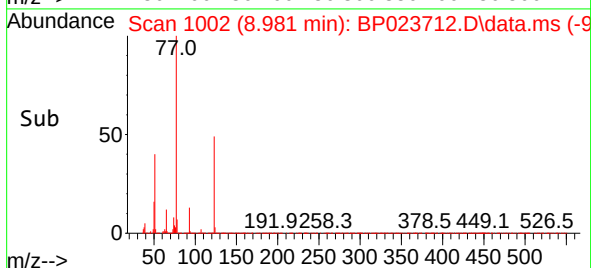
Reviewed By :Yogesh Patel 01/27/2025
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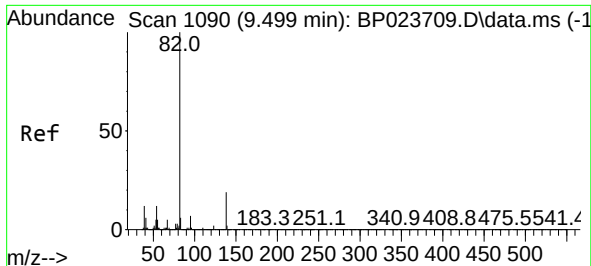


#22
Nitrobenzene
Concen: 39.810 ng/ul
RT: 8.981 min Scan# 1002
Delta R.T. -0.000 min
Lab File: BP023712.D
Acq: 24 Jan 2025 11:32



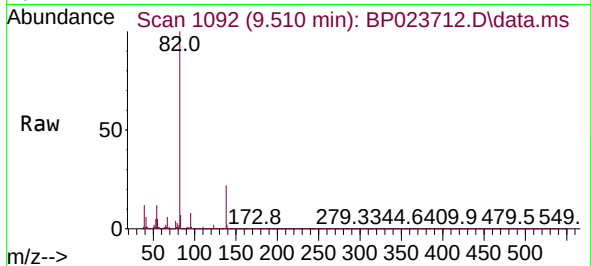
Tgt Ion: 77 Resp: 1742606
Ion Ratio Lower Upper
77 100
123 48.9 38.0 57.0
65 12.4 9.8 14.6





#23
Isophorone
Concen: 170.131 ng/ul
RT: 9.510 min Scan# 1090
Delta R.T. 0.006 min
Lab File: BP023712.D
Acq: 24 Jan 2025 11:32

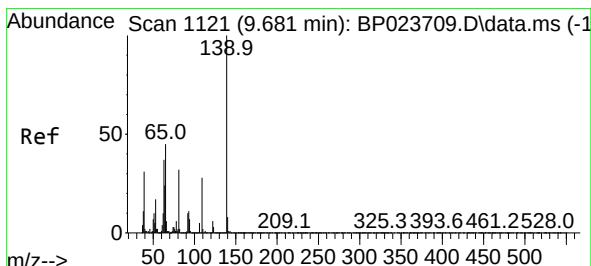
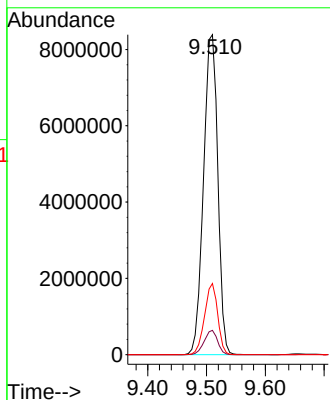
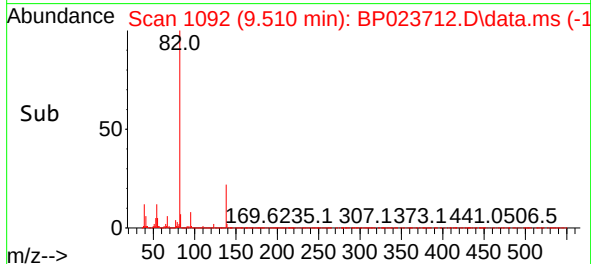
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Tgt Ion: 82 Resp: 1416461
Ion Ratio Lower Upper
82 100
95 7.6 5.2 7.8
138 22.3 14.9 22.3

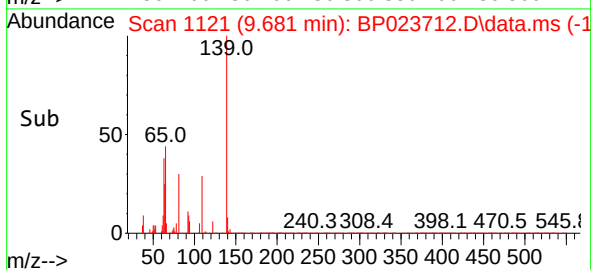
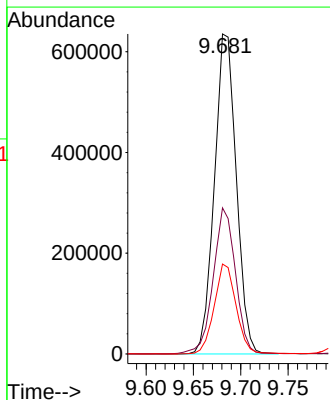
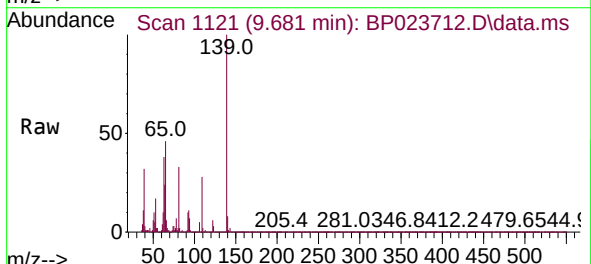
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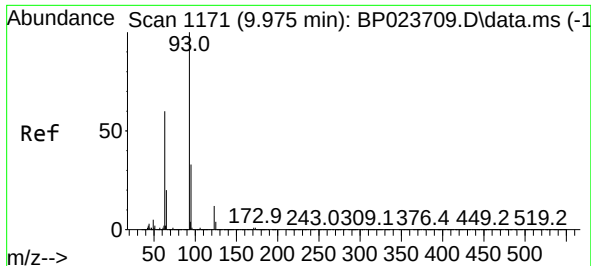
Reviewed By :Yogesh Patel 01/27/2025
Supervised By :mohammad ahmed 01/27/2025



#25
2-Nitrophenol
Concen: 50.720 ng/ul
RT: 9.681 min Scan# 1121
Delta R.T. -0.006 min
Lab File: BP023712.D
Acq: 24 Jan 2025 11:32

Tgt Ion: 139 Resp: 1022832
Ion Ratio Lower Upper
139 100
65 45.7 37.4 56.2
109 28.1 22.8 34.2





#27

Bis(2-Chloroethoxy)methane

Concen: 190.633 ng/ul

RT: 9.987 min Scan# 1171

Delta R.T. 0.006 min

Lab File: BP023712.D

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Instrument :

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ClientSampleId :

XA173

Tgt Ion: 93 Resp:1028452

Ion Ratio Lower Upper

93 100

95 33.8 25.8 38.8

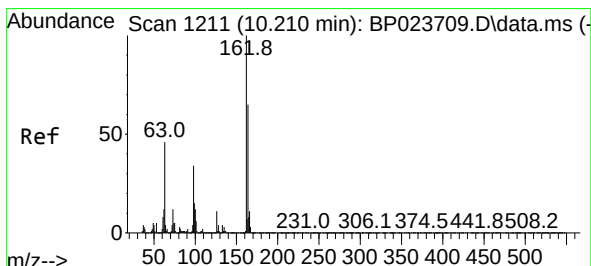
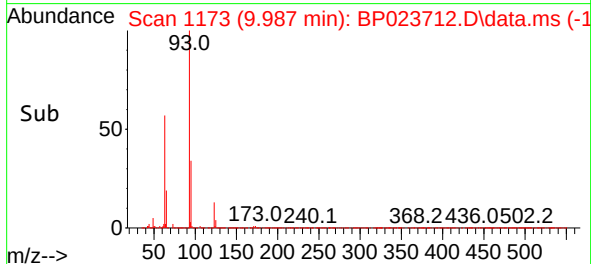
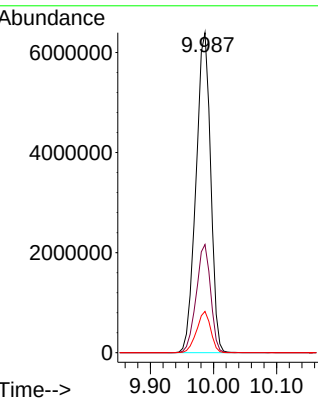
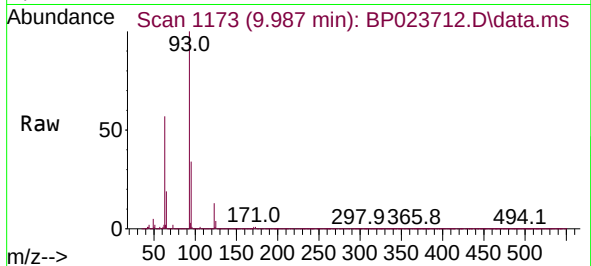
123 12.9 9.4 14.2

Manual Integrations

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#29

2,4-Dichlorophenol

Concen: 114.363 ng/ul

RT: 10.222 min Scan# 1213

Delta R.T. -0.000 min

Lab File: BP023712.D

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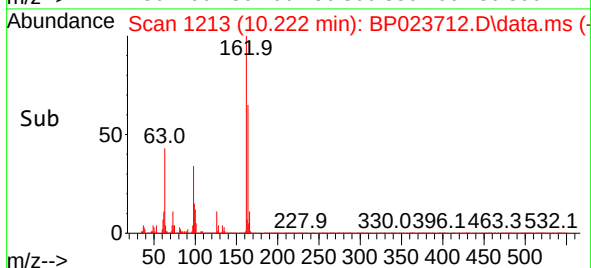
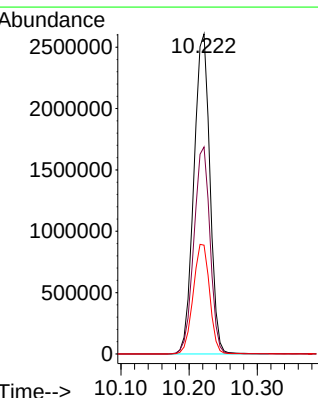
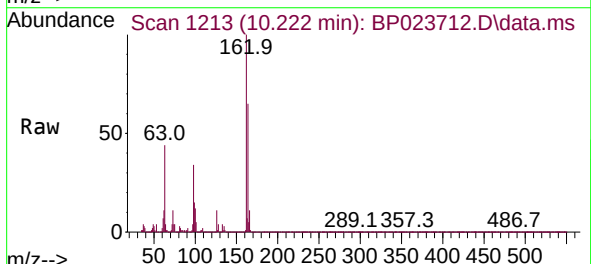
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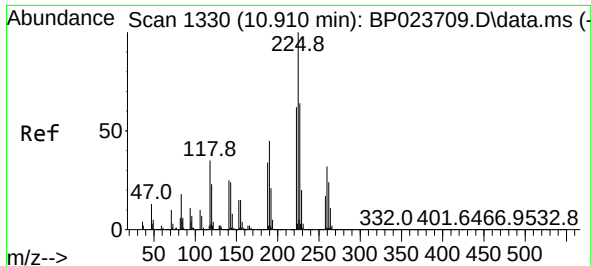
Ion Ratio Lower Upper

162 100

164 64.7 52.3 78.5

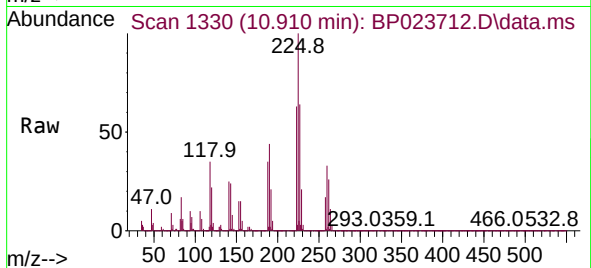
98 34.0 28.3 42.5





#33
Hexachlorobutadiene
Concen: 150.685 ng/ul
RT: 10.910 min Scan# 1330
Delta R.T. -0.012 min
Lab File: BP023712.D
Acq: 24 Jan 2025 11:32

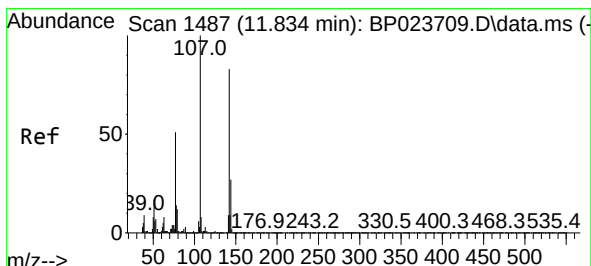
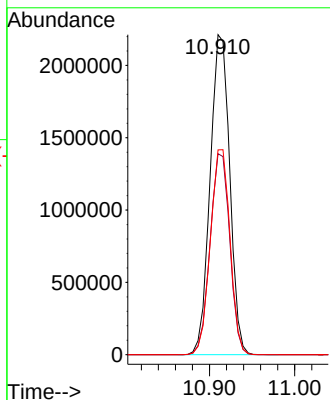
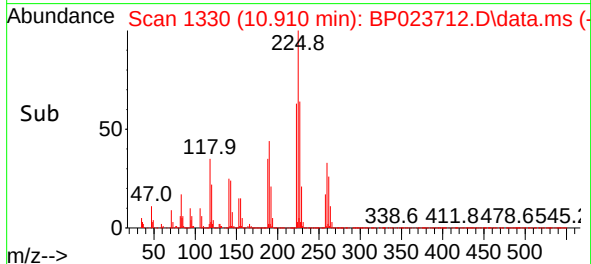
Instrument :
BNA_P
ClientSampleId :
XA173



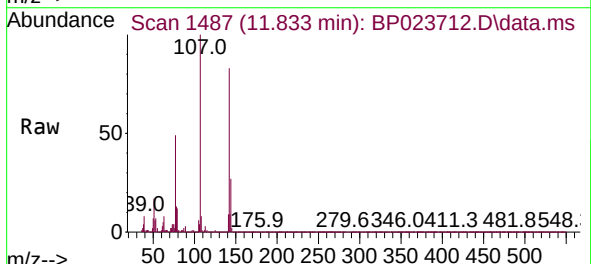
Tgt Ion:225 Resp: 3540379
Ion Ratio Lower Upper
225 100
223 62.8 50.9 76.3
227 64.0 51.8 77.8

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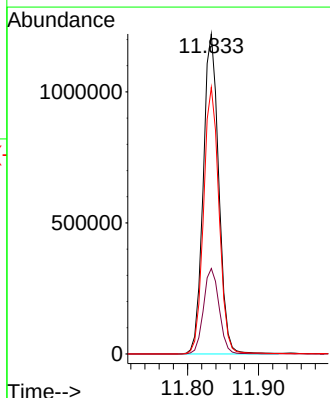
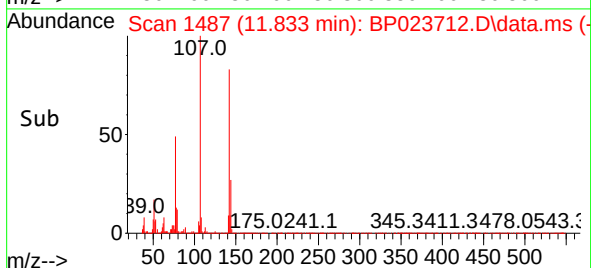
Reviewed By :Yogesh Patel 01/27/2025
Supervised By :mohammad ahmed 01/27/2025

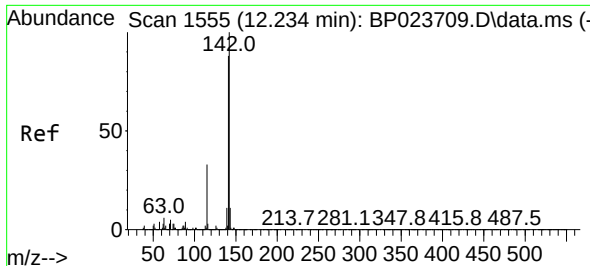


#35
4-Chloro-3-methylphenol
Concen: 47.997 ng/ul
RT: 11.833 min Scan# 1487
Delta R.T. -0.012 min
Lab File: BP023712.D
Acq: 24 Jan 2025 11:32



Tgt Ion:107 Resp: 1855816
Ion Ratio Lower Upper
107 100
144 26.7 21.3 31.9
142 83.3 65.5 98.3





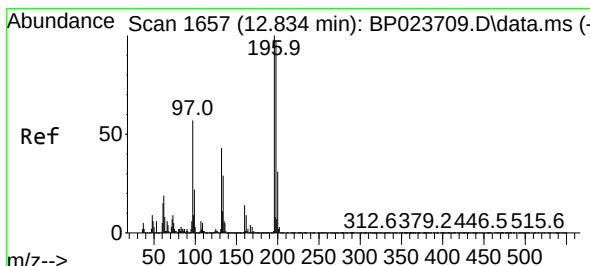
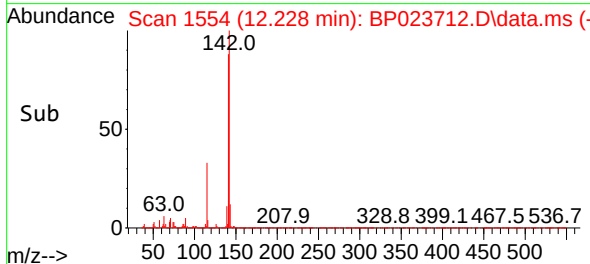
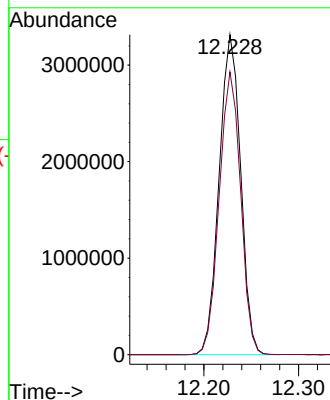
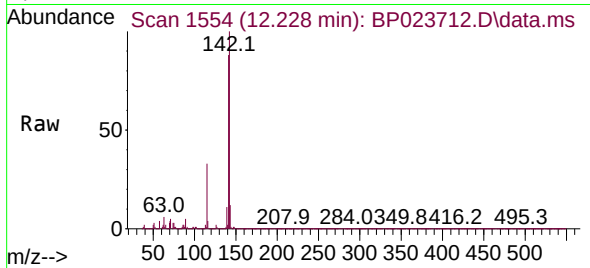
#36
2-Methylnaphthalene
Concen: 57.867 ng/ul
RT: 12.228 min Scan# 1554
Delta R.T. -0.006 min
Lab File: BP023712.D
Acq: 24 Jan 2025 11:32

Instrument :
BNA_P
ClientSampleId :
XA173

Tgt Ion:142 Resp: 522928
Ion Ratio Lower Upper
142 100
141 88.4 70.5 105.7

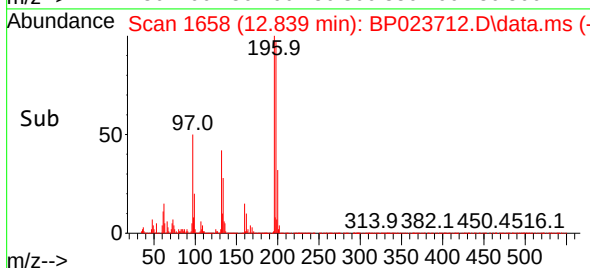
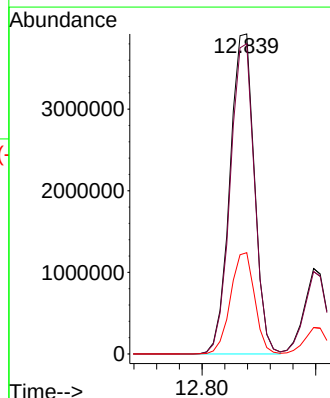
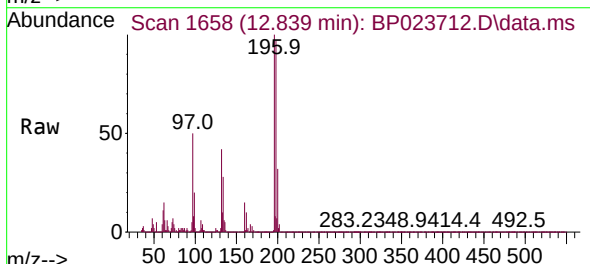
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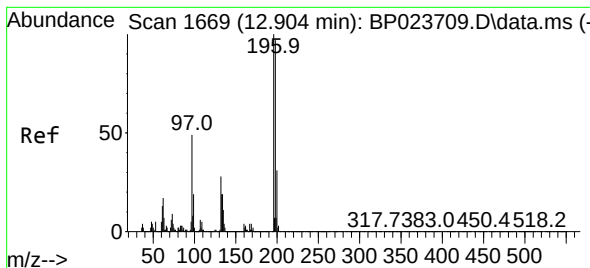
Reviewed By :Yogesh Patel 01/27/2025
Supervised By :mohammad ahmed 01/27/2025



#41
2,4,6-Trichlorophenol
Concen: 217.466 ng/ul
RT: 12.839 min Scan# 1658
Delta R.T. -0.000 min
Lab File: BP023712.D
Acq: 24 Jan 2025 11:32

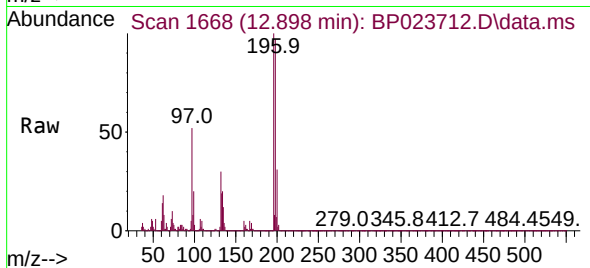
Tgt Ion:196 Resp: 5860312
Ion Ratio Lower Upper
196 100
198 97.0 77.6 116.4
200 31.6 24.5 36.7





#42
2,4,5-Trichlorophenol
Concen: 48.334 ng/ul
RT: 12.898 min Scan# 1668
Delta R.T. -0.012 min
Lab File: BP023712.D
Acq: 24 Jan 2025 11:32

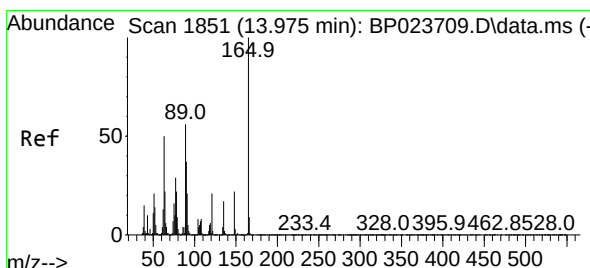
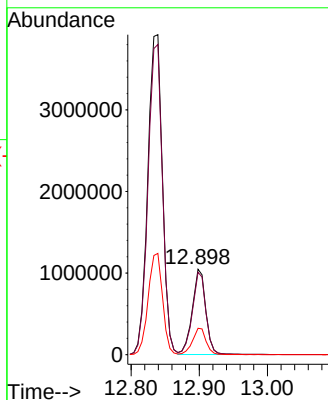
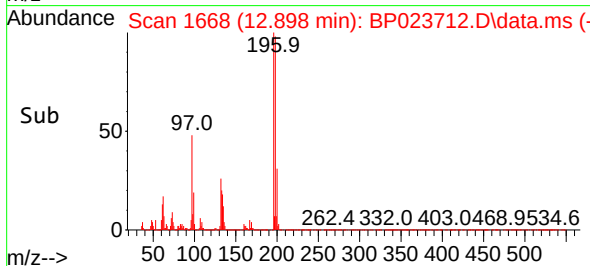
Instrument :
BNA_P
ClientSampleId :
XA173



Tgt Ion:196 Resp: 1438650
Ion Ratio Lower Upper
196 100
198 96.6 77.4 116.2
200 30.9 25.0 37.4

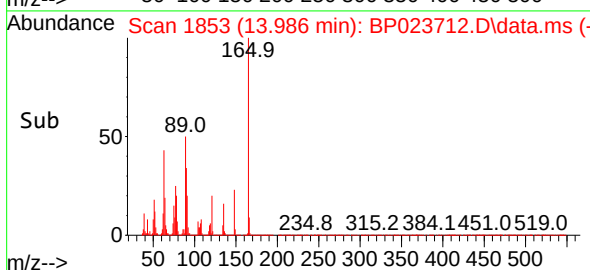
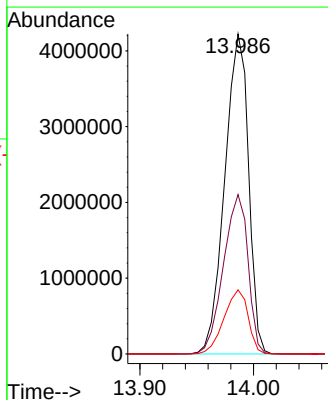
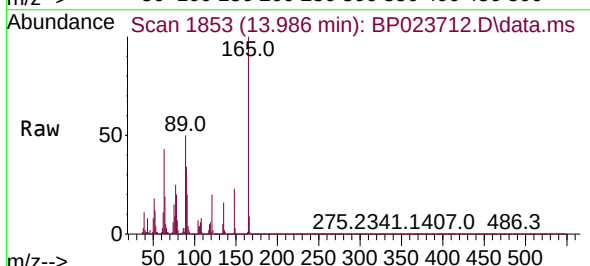
Manual Integrations
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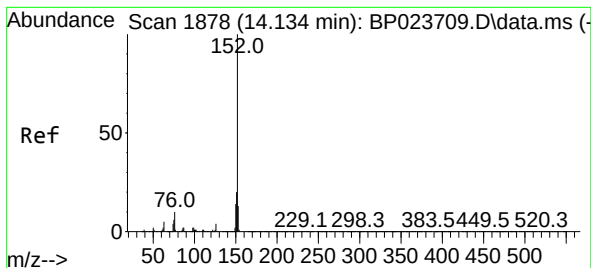
Reviewed By :Yogesh Patel 01/27/2025
Supervised By :mohammad ahmed 01/27/2025



#48
2,6-Dinitrotoluene
Concen: 308.563 ng/ul
RT: 13.986 min Scan# 1853
Delta R.T. -0.000 min
Lab File: BP023712.D
Acq: 24 Jan 2025 11:32

Tgt Ion:165 Resp: 6131712
Ion Ratio Lower Upper
165 100
89 49.8 44.8 67.2
121 20.0 17.0 25.4





#50

Acenaphthylene

Concen: 21.189 ng/ul

RT: 14.133 min Scan# 1878

Delta R.T. -0.006 min

Lab File: BP023712.D

Acq: 24 Jan 2025 11:32

Instrument :

BNA_P

ClientSampleId :

XA173

Tgt Ion:152 Resp: 2950828

Ion Ratio Lower Upper

152 100

151 19.8 15.8 23.8

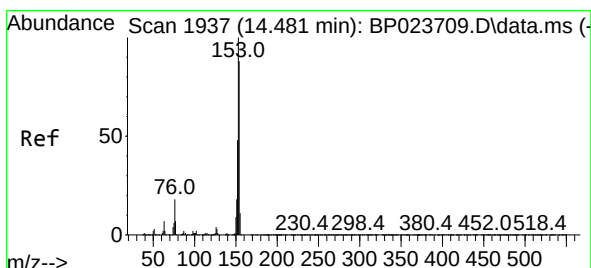
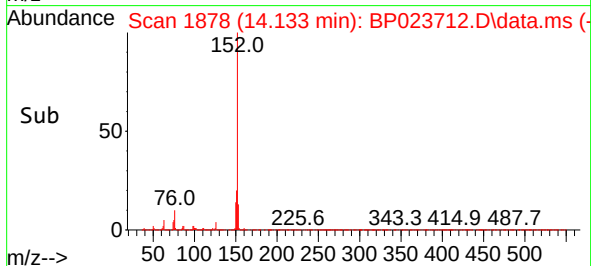
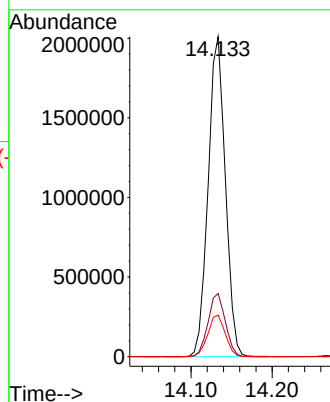
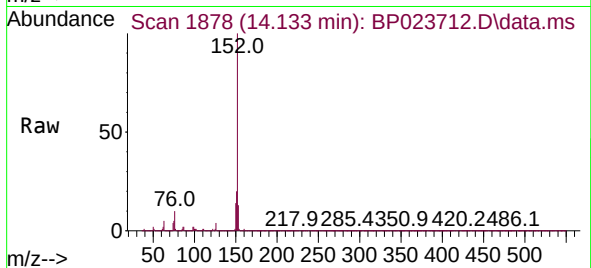
153 13.0 10.6 15.8

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Reviewed By :Yogesh Patel 01/27/2025

Supervised By :mohammad ahmed 01/27/2025



#52

Acenaphthene

Concen: 117.975 ng/ul

RT: 14.486 min Scan# 1938

Delta R.T. -0.000 min

Lab File: BP023712.D

Acq: 24 Jan 2025 11:32

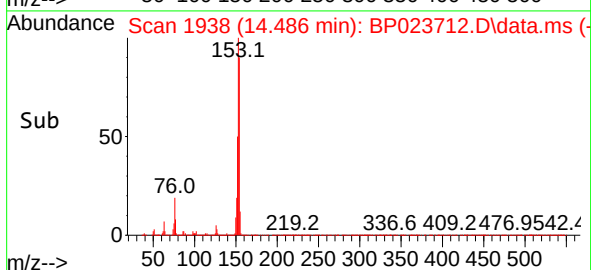
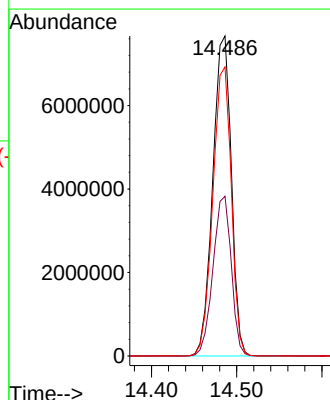
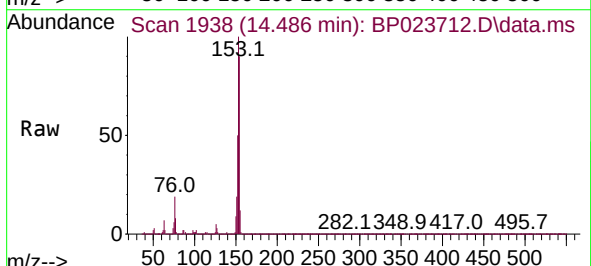
Tgt Ion:153 Resp:11616250

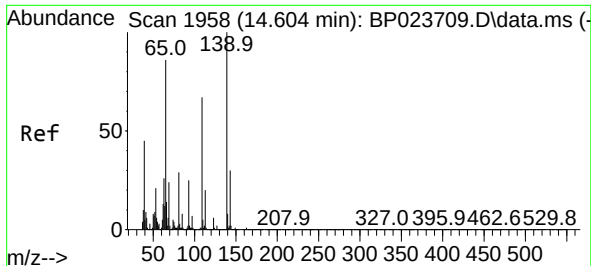
Ion Ratio Lower Upper

153 100

152 49.9 39.1 58.7

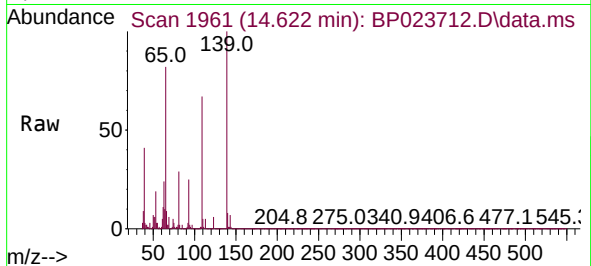
154 90.4 71.4 107.0





#55
4-Nitrophenol
Concen: 113.947 ng/ul
RT: 14.622 min Scan# 1958
Delta R.T. 0.006 min
Lab File: BP023712.D
Acq: 24 Jan 2025 11:32

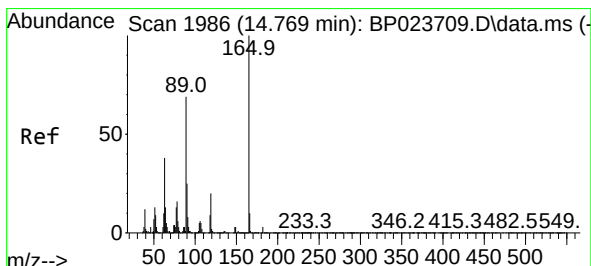
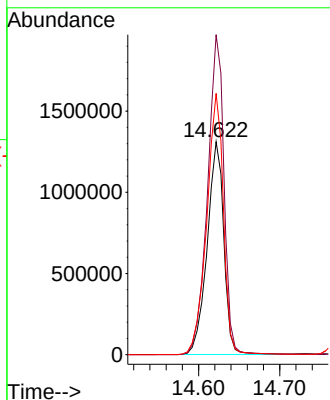
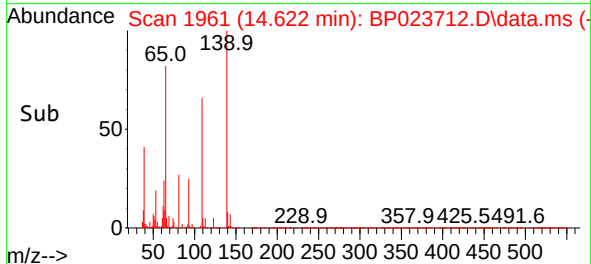
Instrument :
BNA_P
ClientSampleId :
XA173



Tgt Ion:109 Resp: 186466
Ion Ratio Lower Upper
109 100
139 150.2 114.3 171.5
65 122.7 103.0 154.6

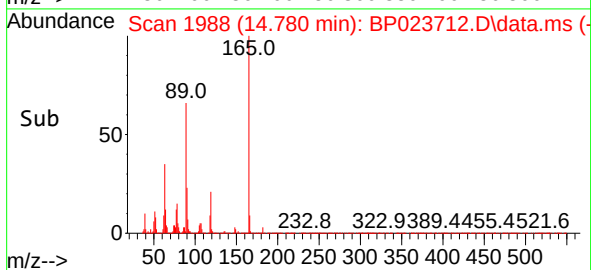
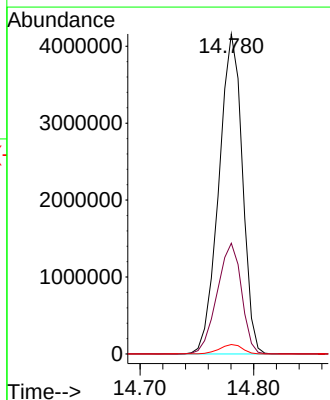
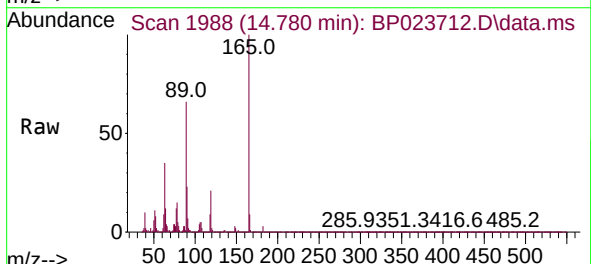
Manual Integrations
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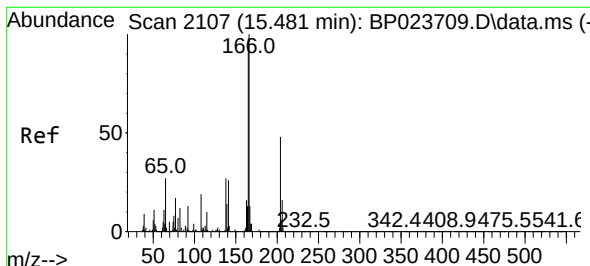
Reviewed By :Yogesh Patel 01/27/2025
Supervised By :mohammad ahmed 01/27/2025



#57
2,4-Dinitrotoluene
Concen: 201.269 ng/ul
RT: 14.780 min Scan# 1988
Delta R.T. 0.006 min
Lab File: BP023712.D
Acq: 24 Jan 2025 11:32

Tgt Ion:165 Resp: 5983757
Ion Ratio Lower Upper
165 100
63 34.6 31.0 46.6
182 3.0 2.2 3.4





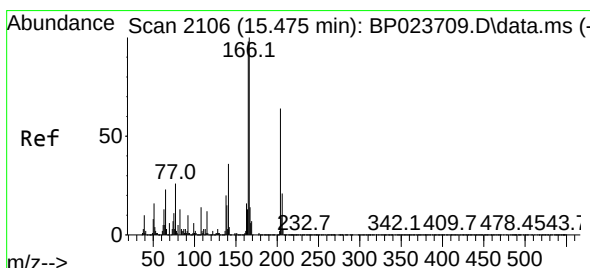
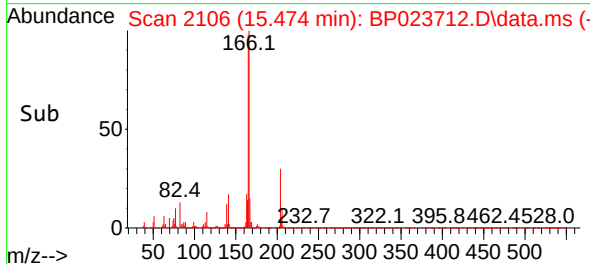
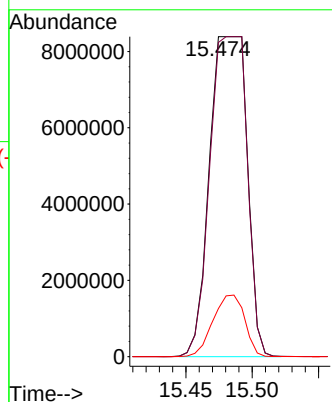
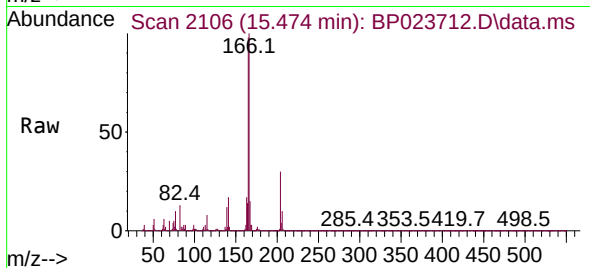
#61
Fluorene
Concen: 146.533 ng/ul m
RT: 15.474 min Scan# 2106
Delta R.T. -0.006 min
Lab File: BP023712.D
Acq: 24 Jan 2025 11:32

Instrument :
BNA_P
ClientSampleId :
XA173

Tgt Ion:166 Resp:1653749
Ion Ratio Lower Upper
166 100
165 98.2 77.8 116.8
167 15.0 10.6 16.0

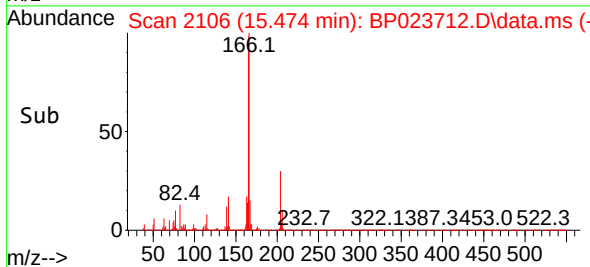
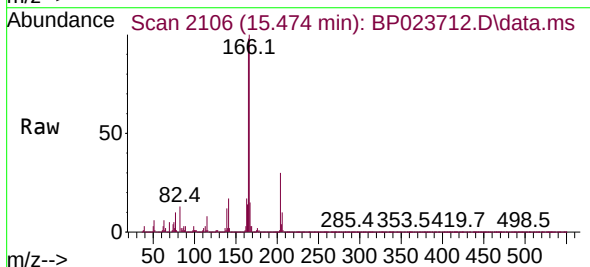
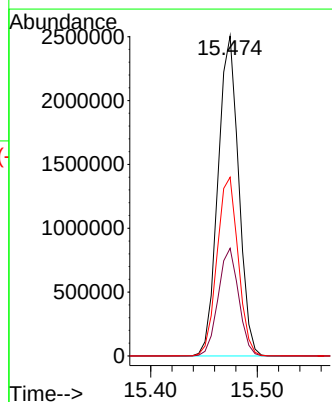
Manual Integrations
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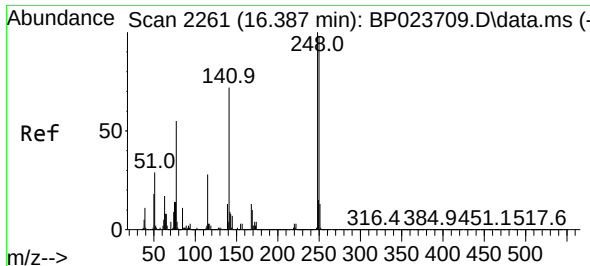
Reviewed By :Yogesh Patel 01/27/2025
Supervised By :mohammad ahmed 01/27/2025



#62
4-Chlorophenyl-phenylether
Concen: 61.013 ng/ul
RT: 15.474 min Scan# 2106
Delta R.T. -0.006 min
Lab File: BP023712.D
Acq: 24 Jan 2025 11:32

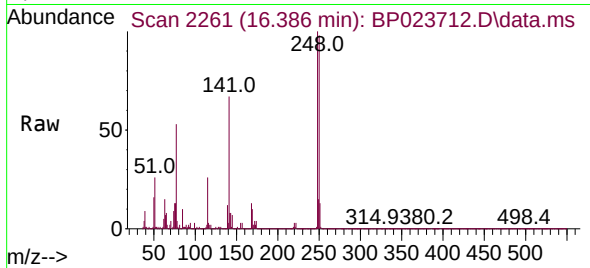
Tgt Ion:204 Resp: 3370391
Ion Ratio Lower Upper
204 100
206 33.6 26.2 39.2
141 55.8 45.4 68.2





#68
4-Bromophenyl-phenylether
Concen: 49.571 ng/ul
RT: 16.386 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP023712.D
Acq: 24 Jan 2025 11:32

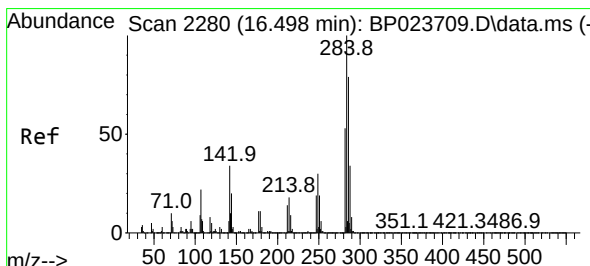
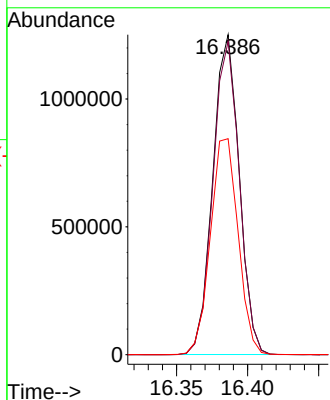
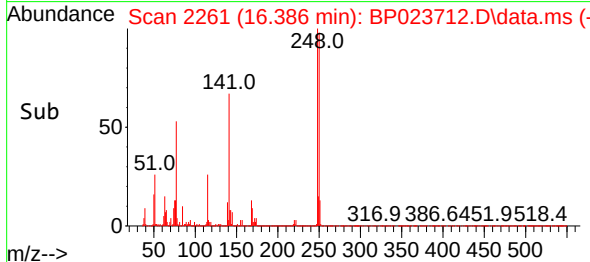
Instrument :
BNA_P
ClientSampleId :
XA173



Tgt Ion:248 Resp: 162021
Ion Ratio Lower Upper
248 100
250 97.8 77.7 116.5
141 67.5 55.0 82.6

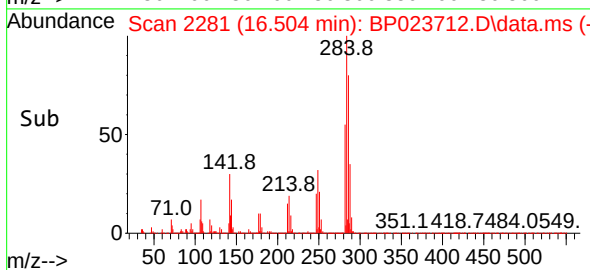
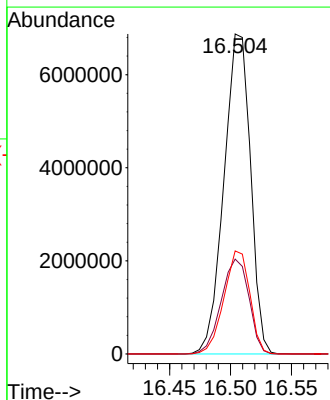
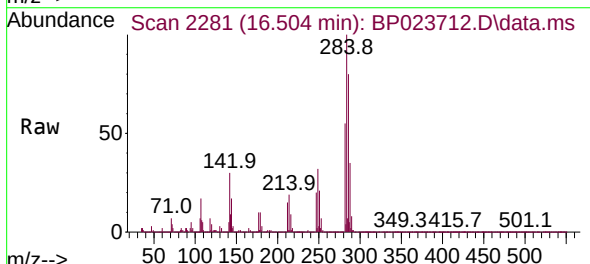
Manual Integrations
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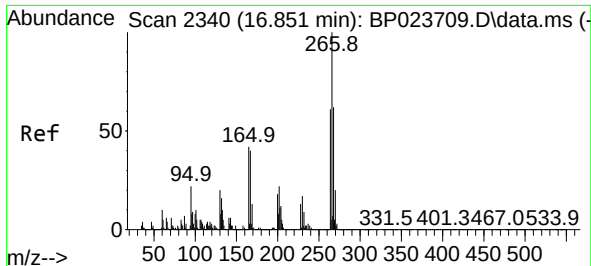
Reviewed By :Yogesh Patel 01/27/2025
Supervised By :mohammad ahmed 01/27/2025



#69
Hexachlorobenzene
Concen: 262.245 ng/ul
RT: 16.504 min Scan# 2281
Delta R.T. -0.000 min
Lab File: BP023712.D
Acq: 24 Jan 2025 11:32

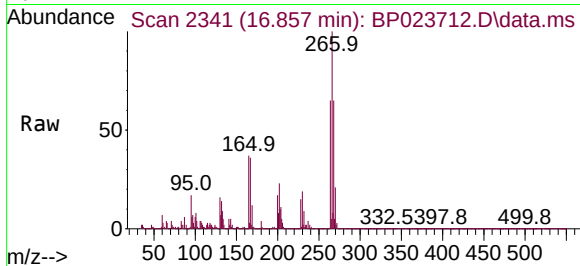
Tgt Ion:284 Resp:10430387
Ion Ratio Lower Upper
284 100
142 29.7 28.1 42.1
249 32.2 23.8 35.8





#71
Pentachlorophenol
Concen: 296.777 ng/ul
RT: 16.857 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP023712.D
Acq: 24 Jan 2025 11:32

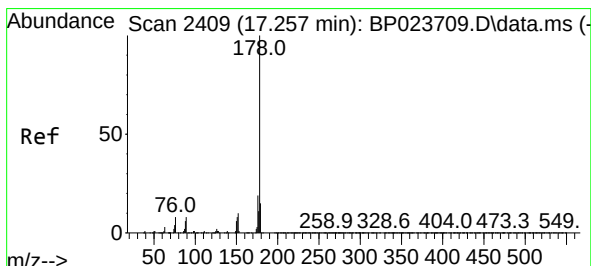
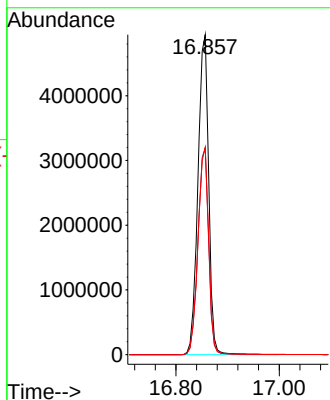
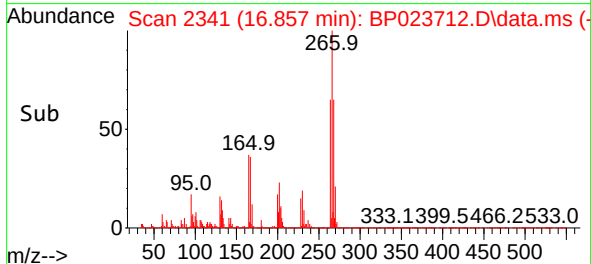
Instrument :
BNA_P
ClientSampleId :
XA173



Tgt Ion:266 Resp: 713010
Ion Ratio Lower Upper
266 100
264 64.6 50.9 76.3
268 64.7 52.2 78.4

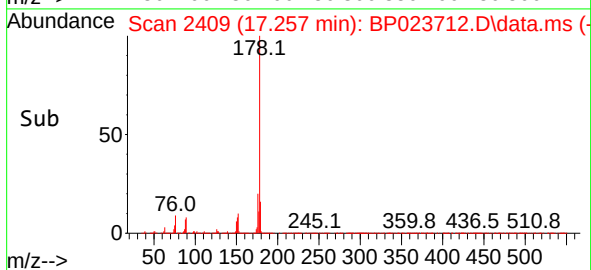
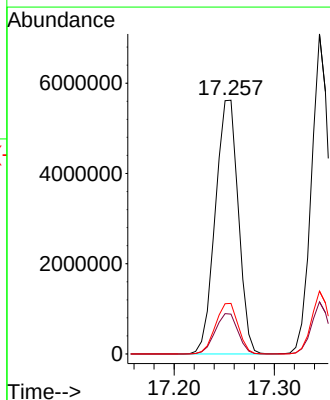
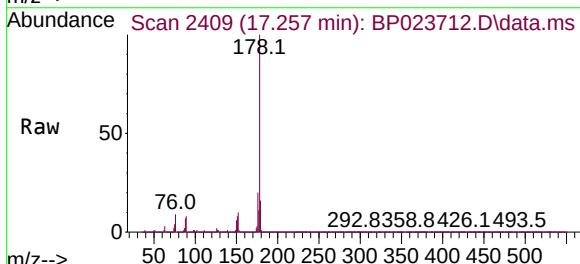
Manual Integrations
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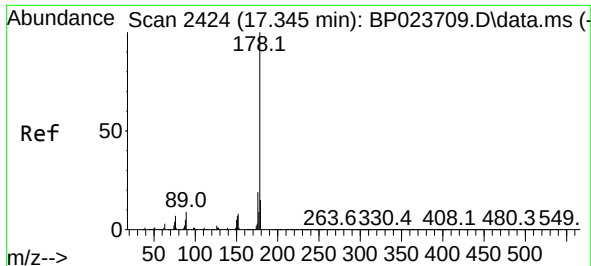
Reviewed By :Yogesh Patel 01/27/2025
Supervised By :mohammad ahmed 01/27/2025



#72
Phenanthrene
Concen: 51.845 ng/ul
RT: 17.257 min Scan# 2409
Delta R.T. 0.006 min
Lab File: BP023712.D
Acq: 24 Jan 2025 11:32

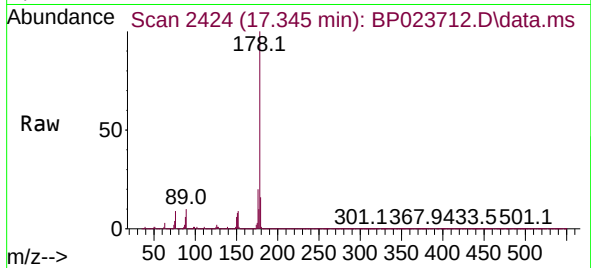
Tgt Ion:178 Resp: 8942133
Ion Ratio Lower Upper
178 100
179 15.7 12.5 18.7
176 19.9 15.7 23.5





#74
 Anthracene
 Concen: 51.348 ng/ul
 RT: 17.345 min Scan# 2424
 Delta R.T. -0.000 min
 Lab File: BP023712.D
 Acq: 24 Jan 2025 11:32

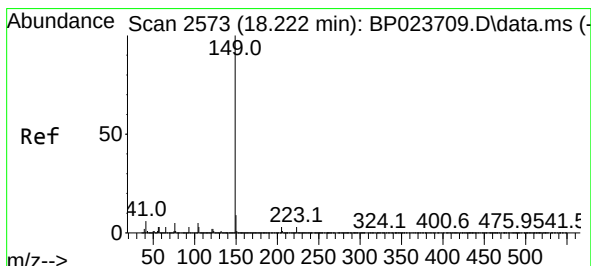
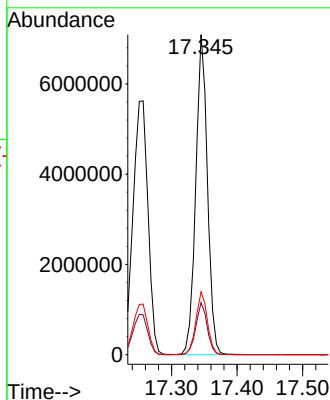
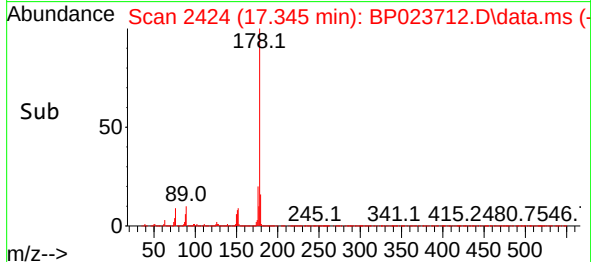
Instrument :
 BNA_P
 ClientSampleId :
 XA173



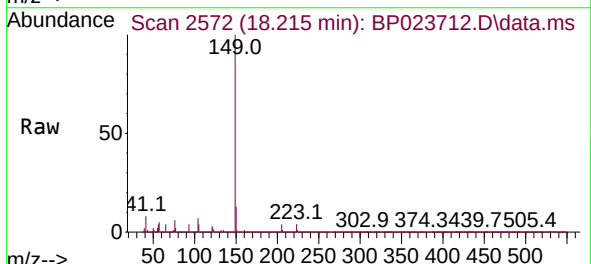
Tgt Ion:178 Resp: 8797324
 Ion Ratio Lower Upper
 178 100
 179 16.3 12.4 18.6
 176 19.7 15.0 22.6

Manual Integrations
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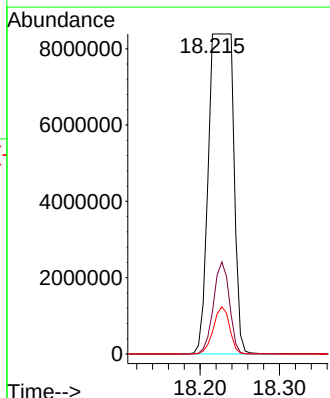
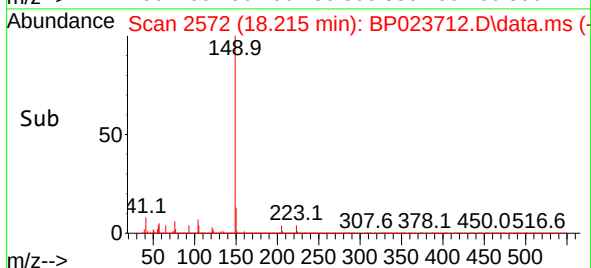
Reviewed By :Yogesh Patel 01/27/2025
 Supervised By :mohammad ahmed 01/27/2025

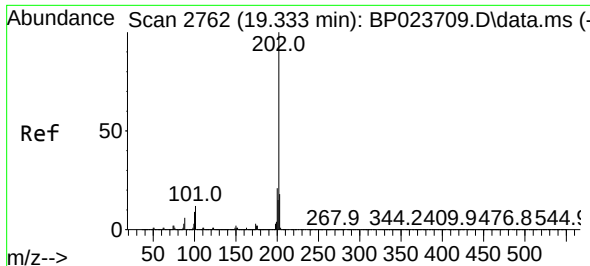


#78
 Di-n-butylphthalate
 Concen: 106.820 ng/ul m
 RT: 18.215 min Scan# 2572
 Delta R.T. -0.006 min
 Lab File: BP023712.D
 Acq: 24 Jan 2025 11:32



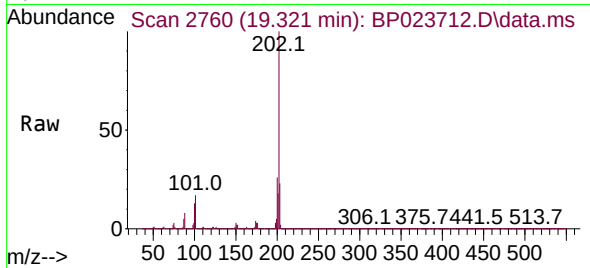
Tgt Ion:149 Resp:18291315
 Ion Ratio Lower Upper
 149 100
 150 13.3 7.5 11.3#
 104 6.8 4.2 6.2#





#80
Fluoranthene
Concen: 103.109 ng/ul m
RT: 19.321 min Scan# 2760
Delta R.T. -0.012 min
Lab File: BP023712.D
Acq: 24 Jan 2025 11:32

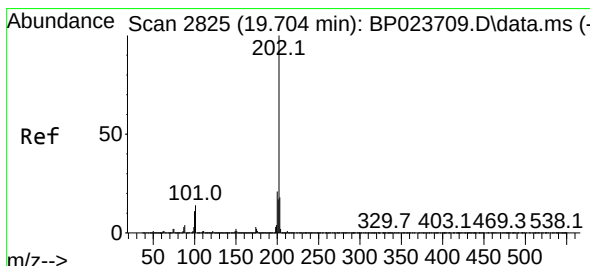
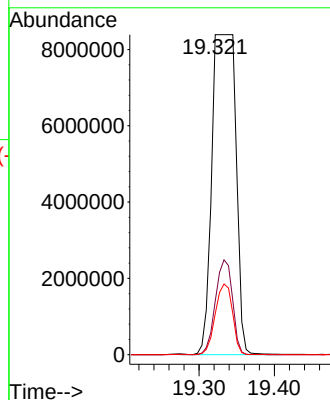
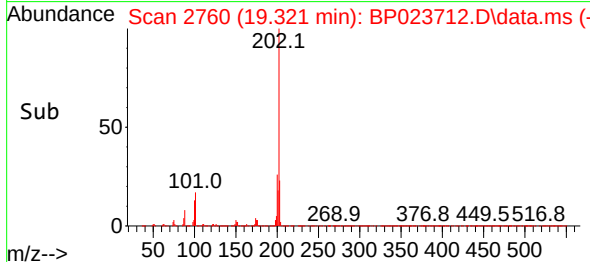
Instrument :
BNA_P
ClientSampleId :
XA173



Tgt Ion:202 Resp:18656509
Ion Ratio Lower Upper
202 100
101 16.7 9.2 13.8#
100 12.8 7.0 10.6#

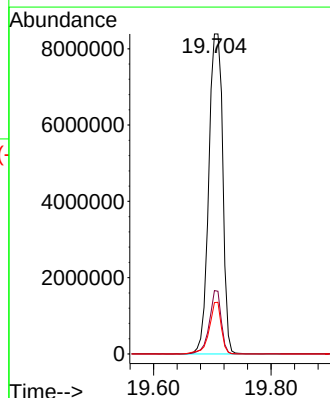
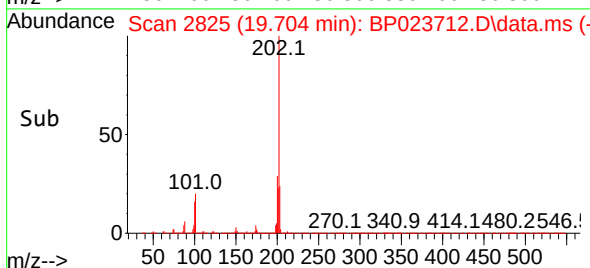
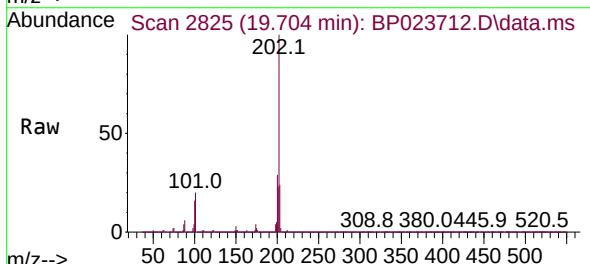
Manual Integrations
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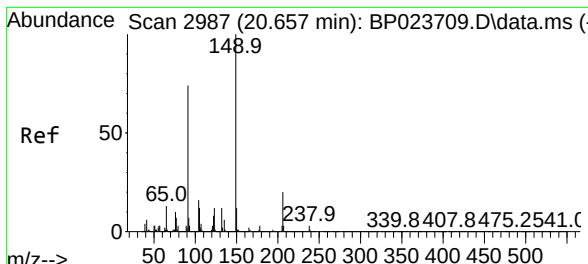
Reviewed By :Yogesh Patel 01/27/2025
Supervised By :mohammad ahmed 01/27/2025



#82
Pyrene
Concen: 69.671 ng/ul
RT: 19.704 min Scan# 2825
Delta R.T. -0.000 min
Lab File: BP023712.D
Acq: 24 Jan 2025 11:32

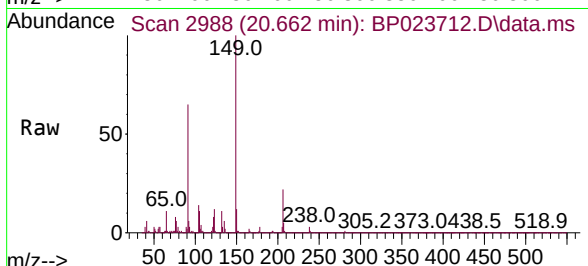
Tgt Ion:202 Resp:13691808
Ion Ratio Lower Upper
202 100
101 19.8 11.6 17.4#
100 16.1 9.6 14.4#





#83
 Butylbenzylphthalate
 Concen: 59.737 ng/ul
 RT: 20.662 min Scan# 2987
 Delta R.T. -0.000 min
 Lab File: BP023712.D
 Acq: 24 Jan 2025 11:32

Instrument :
 BNA_P
 ClientSampleId :
 XA173

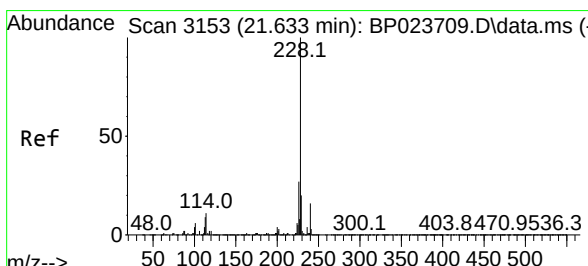
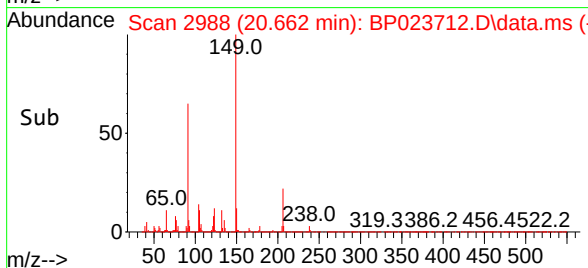
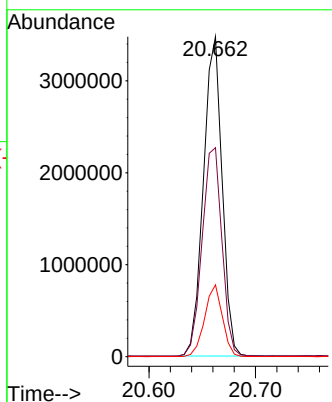


Tgt Ion:149 Resp: 4233830

Ion	Ratio	Lower	Upper
149	100		
91	65.3	56.6	84.8
206	22.5	16.3	24.5

Manual Integrations
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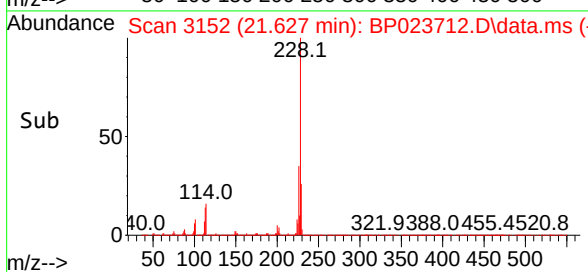
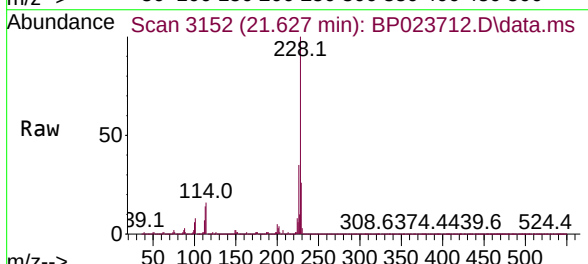
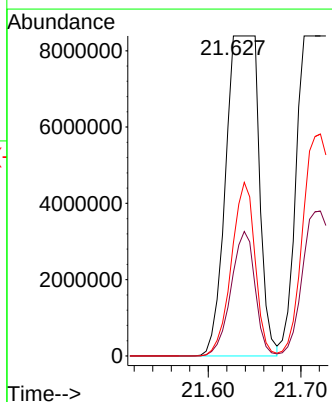
Reviewed By :Yogesh Patel 01/27/2025
 Supervised By :mohammad ahmed 01/27/2025

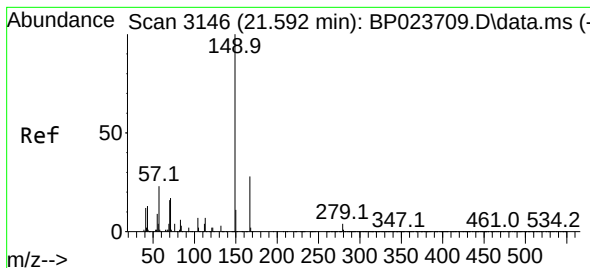


#85
 Benzo(a)anthracene
 Concen: 105.230 ng/ul m
 RT: 21.627 min Scan# 3152
 Delta R.T. -0.006 min
 Lab File: BP023712.D
 Acq: 24 Jan 2025 11:32

Tgt Ion:228 Resp:20862944

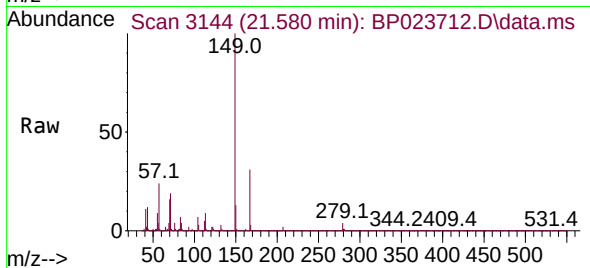
Ion	Ratio	Lower	Upper
228	100		
229	26.1	15.8	23.8#
226	35.4	21.8	32.8#





#86
Bis(2-ethylhexyl)phthalate
Concen: 163.635 ng/ul m
RT: 21.580 min Scan# 3144
Delta R.T. -0.012 min
Lab File: BP023712.D
Acq: 24 Jan 2025 11:32

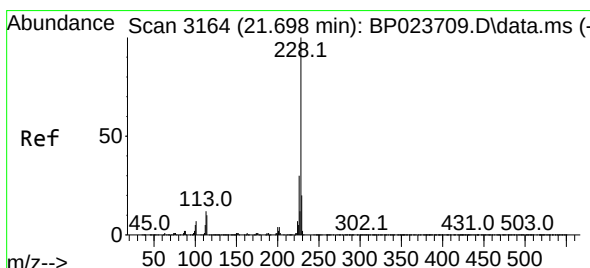
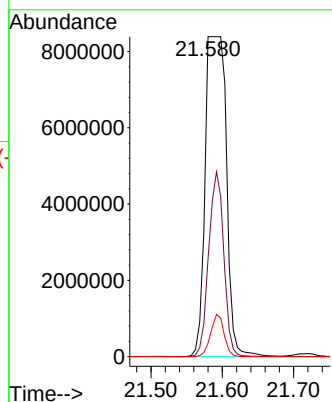
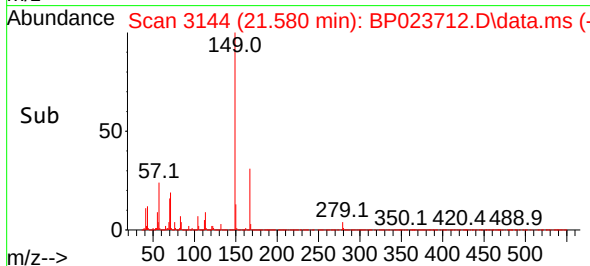
Instrument :
BNA_P
ClientSampleId :
XA173



Tgt Ion:149 Resp:17295099
Ion Ratio Lower Upper
149 100
167 30.5 21.7 32.5
279 4.3 3.4 5.2

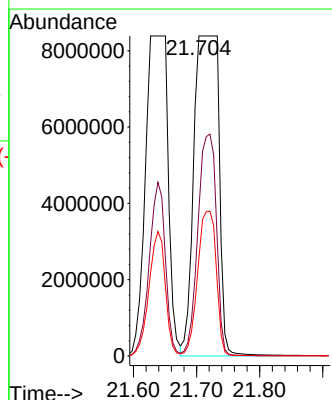
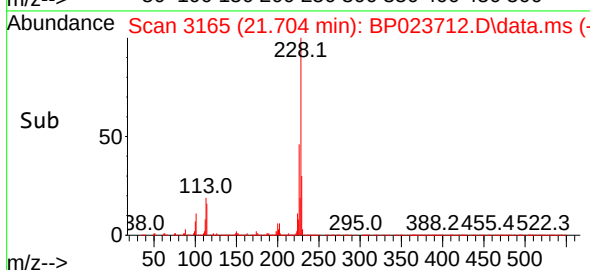
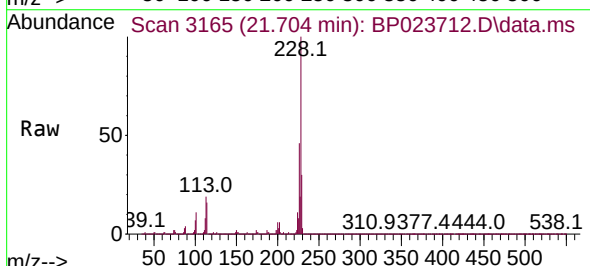
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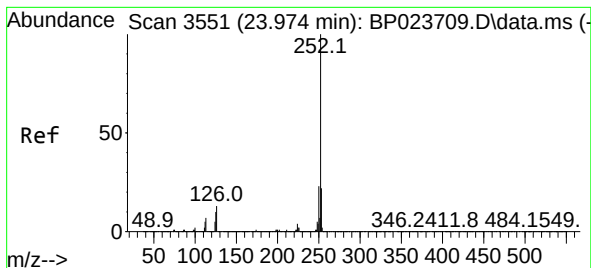
Reviewed By :Yogesh Patel 01/27/2025
Supervised By :mohammad ahmed 01/27/2025



#87
Chrysene
Concen: 124.829 ng/ul m
RT: 21.704 min Scan# 3165
Delta R.T. 0.006 min
Lab File: BP023712.D
Acq: 24 Jan 2025 11:32

Tgt Ion:228 Resp:23169594
Ion Ratio Lower Upper
228 100
226 45.6 24.3 36.5#
229 30.5 15.8 23.6#





#90

Benzo(b)fluoranthene

Concen: 153.694 ng/ul m

RT: 23.974 min Scan# 3

Delta R.T. -0.000 min

Lab File: BP023712.D

Acq: 24 Jan 2025 11:32

Instrument :

BNA_P

ClientSampleId :

XA173

Tgt Ion:252 Resp:31541450

Ion Ratio Lower Upper

252 100

253 28.2 17.5 26.3

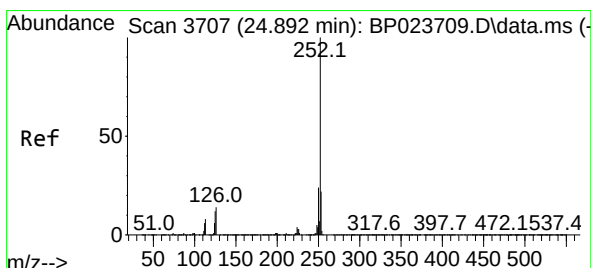
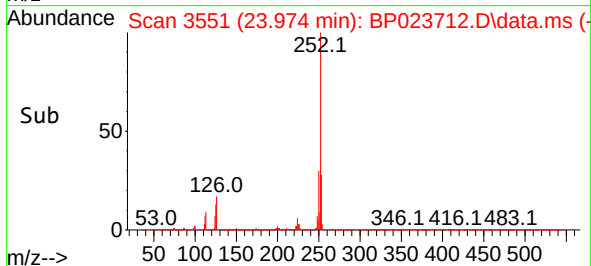
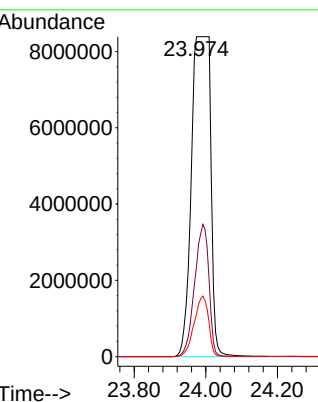
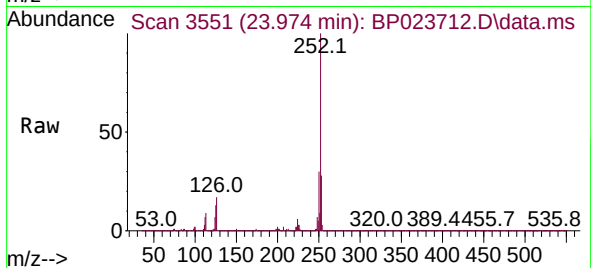
125 13.2 8.2 12.4

Manual Integrations

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Reviewed By :Yogesh Patel 01/27/2025

Supervised By :mohammad ahmed 01/27/2025



#93

Benzo(a)pyrene

Concen: 46.248 ng/ul

RT: 24.886 min Scan# 3706

Delta R.T. 0.006 min

Lab File: BP023712.D

Acq: 24 Jan 2025 11:32

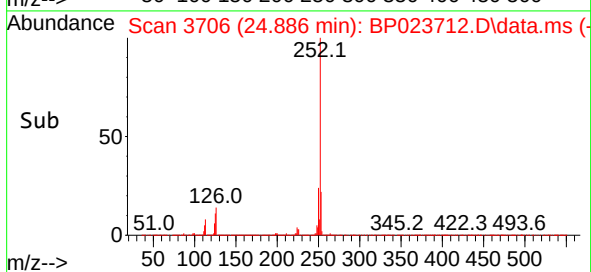
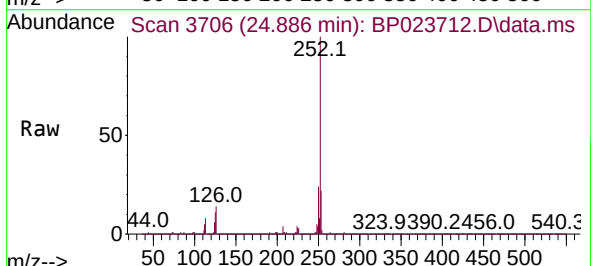
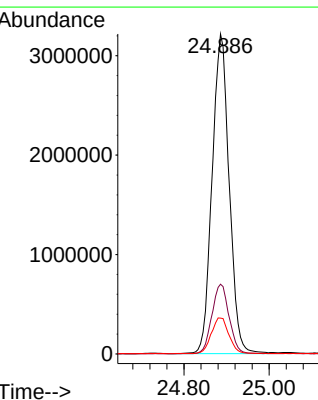
Tgt Ion:252 Resp: 8932729

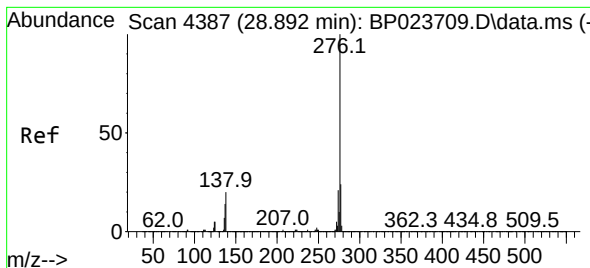
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 11.2 9.1 13.7





#94

Indeno(1,2,3-cd)pyrene

Concen: 40.435 ng/ul m

RT: 28.903 min Scan# 4389

Delta R.T. 0.017 min

Lab File: BP023712.D

Acq: 24 Jan 2025 11:32

Instrument :

BNA_P

ClientSampleId :

XA173

Tgt Ion:276 Resp: 9707088

Ion Ratio Lower Upper

276 100

138 20.4 16.6 25.0

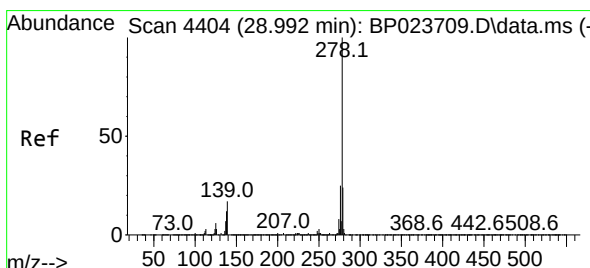
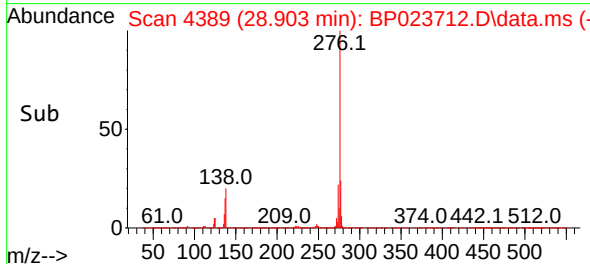
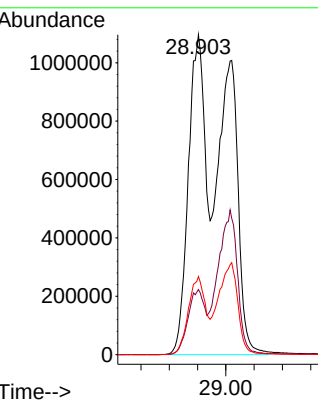
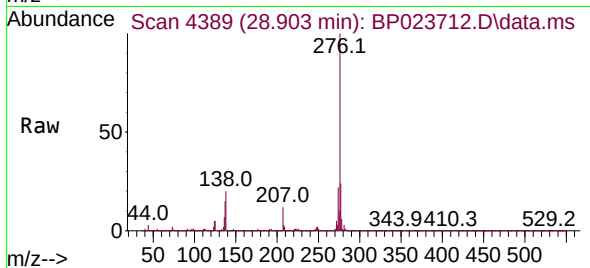
277 24.4 19.2 28.8

Manual Integrations

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Reviewed By :Yogesh Patel 01/27/2025

Supervised By :mohammad ahmed 01/27/2025



#95

Dibenzo(a,h)anthracene

Concen: 104.241 ng/ul

RT: 29.021 min Scan# 4409

Delta R.T. 0.053 min

Lab File: BP023712.D

Acq: 24 Jan 2025 11:32

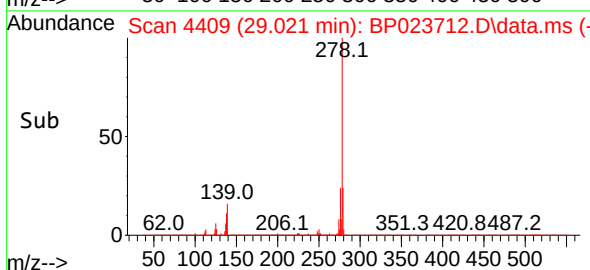
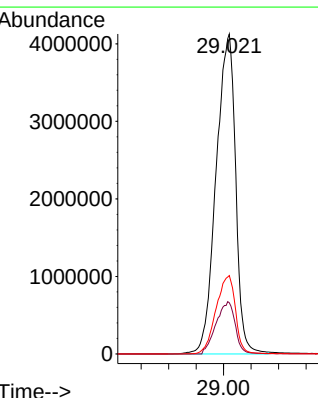
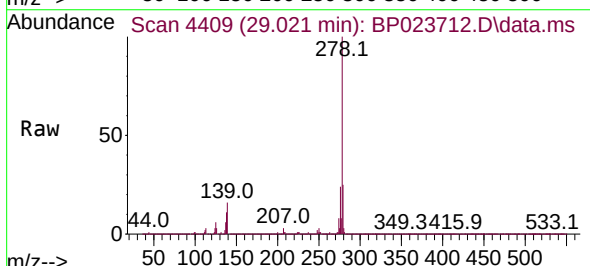
Tgt Ion:278 Resp:20329444

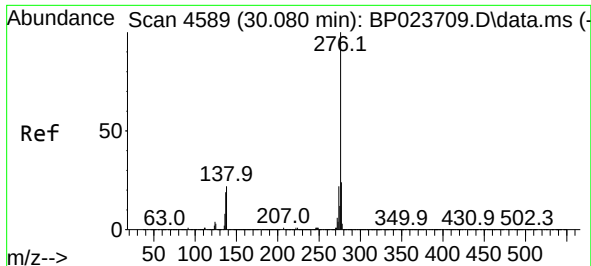
Ion Ratio Lower Upper

278 100

139 16.0 13.4 20.2

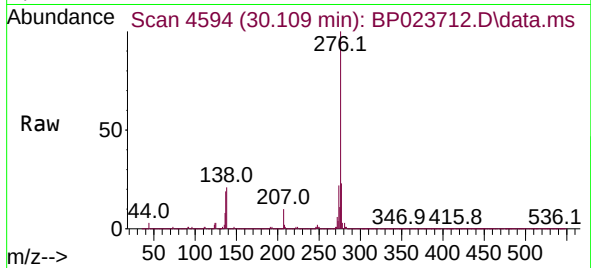
279 24.5 19.4 29.2





#96
 Benzo(g,h,i)perylene
 Concen: 36.104 ng/ul m
 RT: 30.109 min Scan# 4594
 Delta R.T. 0.041 min
 Lab File: BP023712.D
 Acq: 24 Jan 2025 11:32

Instrument :
 BNA_P
 ClientSampleId :
 XA173



Tgt Ion: 276 Resp: 666751

Ion	Ratio	Lower	Upper
276	100		
138	21.4	18.5	27.7
277	23.3	19.0	28.6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/27/2025
 Supervised By :mohammad ahmed 01/27/2025

