

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012425\
 Data File : BP023713.D
 Acq On : 24 Jan 2025 12:49
 Operator : RC/JU
 Sample : Q1148-04DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 XA173DL

Manual Integrations
 APPROVED

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

Quant Time: Jan 24 23:02:47 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	7.758	152	598727	20.000	ng/u1	-0.04
20) Naphthalene-d8	10.540	136	2462794	20.000	ng/u1	-0.04
38) Acenaphthene-d10	14.404	164	1524950	20.000	ng/u1	-0.02
64) Phenanthrene-d10	17.222	188	3019372	20.000	ng/u1	0.01
79) Chrysene-d12	21.663	240	3334722	20.000	ng/u1	0.01
88) Perylene-d12	25.068	264	3428921	20.000	ng/u1	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	11622	0.782	ng/uL	-0.02
4) Pyridine-d5	3.699	84	15256	0.356	ng/u1	0.00
7) Phenol-d5	6.922	99	211222	4.169	ng/u1	-0.04
9) Bis-(2-Chloroethyl)eth...	7.087	67	128749	4.499	ng/u1	-0.04
11) 2-Chlorophenol-d4	7.293	132	174443	4.529	ng/u1	-0.04
15) 4-Methylphenol-d8	8.446	113	166586	4.182	ng/u1	-0.04
21) Nitrobenzene-d5	8.899	128	82866	4.466	ng/u1	-0.04
24) 2-Nitrophenol-d4	9.622	143	70775	4.160	ng/u1	-0.04
28) 2,4-Dichlorophenol-d3	10.157	165	195174	5.458	ng/u1	-0.04
31) 4-Chloroaniline-d4	10.669	131	224311	3.923	ng/u1	-0.03
46) Dimethylphthalate-d6	13.810	166	591862	5.397	ng/u1	-0.01
49) Acenaphthylene-d8	14.093	160	663616	5.228	ng/u1	-0.02
54) 4-Nitrophenol-d4	14.598	143	100060	4.541	ng/u1	0.00
60) Fluorene-d10	15.422	176	541314	5.766	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.534	200	43801	2.946	ng/u1	0.00
73) Anthracene-d10	17.328	188	929992	6.416	ng/u1	0.02
81) Pyrene-d10	19.686	212	1098612	6.474	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.833	264	1090639	6.355	ng/u1	0.02
Target Compounds						
					Qvalue	
8) Phenol	6.946	94	364479	6.875	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.181	93	1678814	40.708	ng/u1	100
12) 2-Chlorophenol	7.328	128	748382	18.330	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.552	70	1236203	41.764	ng/u1	98
19) Hexachloroethane	8.834	117	444887	26.661	ng/u1	99
22) Nitrobenzene	8.940	77	329925	7.610	ng/u1	99
23) Isophorone	9.469	82	2917895	35.387	ng/u1	99
25) 2-Nitrophenol	9.652	139	175595	8.792	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.952	93	2063754	38.625	ng/u1	100
29) 2,4-Dichlorophenol	10.181	162	810004	21.912	ng/u1	99
33) Hexachlorobutadiene	10.881	225	684950	29.436	ng/u1	98
35) 4-Chloro-3-methylphenol	11.816	107	334364	8.732	ng/u1	99
36) 2-Methylnaphthalene	12.210	142	993236	11.098	ng/u1	100
41) 2,4,6-Trichlorophenol	12.810	196	1076375	40.419	ng/u1	98
42) 2,4,5-Trichlorophenol	12.887	196	266627	9.065	ng/u1	99
48) 2,6-Dinitrotoluene	13.969	165	1060747	54.016	ng/u1	99
50) Acenaphthylene	14.122	152	563662	4.096	ng/u1	99
52) Acenaphthene	14.481	153	2377283	24.432	ng/u1	99
55) 4-Nitrophenol	14.610	109	356247	22.029	ng/u1	97
57) 2,4-Dinitrotoluene	14.769	165	1048903	35.701	ng/u1	100
61) Fluorene	15.481	166	4321361	38.747	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.481	204	674089	12.348	ng/u1	99
68) 4-Bromophenyl-phenylether	16.392	248	299331	9.260	ng/u1	97
69) Hexachlorobenzene	16.516	284	2064541	52.482	ng/u1	99

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

71) Pentachlorophenol	16.857	266	1268807	53.396	ng/ul	99
72) Phenanthrene	17.263	178	1780145	10.435	ng/ul	99
74) Anthracene	17.363	178	1732632	10.225	ng/ul	99
78) Di-n-butylphthalate	18.239	149	7465490	44.080	ng/ul	100
80) Fluoranthene	19.345	202	7399787	38.353	ng/ul	98
82) Pyrene	19.716	202	3318460	15.836	ng/ul	99
83) Butylbenzylphthalate	20.680	149	765759	10.132	ng/ul	98
85) Benzo(a)anthracene	21.651	228	6508591	30.787	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.616	149	5436853	48.241	ng/ul	98
87) Chrysene	21.722	228	9467152	47.833	ng/ul	99
90) Benzo(b)fluoranthene	24.004	252	8888656	43.637	ng/ul	99
93) Benzo(a)pyrene	24.910	252	1663032	8.675	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.915	276	1738348m	7.295	ng/ul	
95) Dibenzo(a,h)anthracene	29.027	278	3674724m	18.984	ng/ul	
96) Benzo(g,h,i)perylene	30.121	276	1245428m	6.794	ng/ul	

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

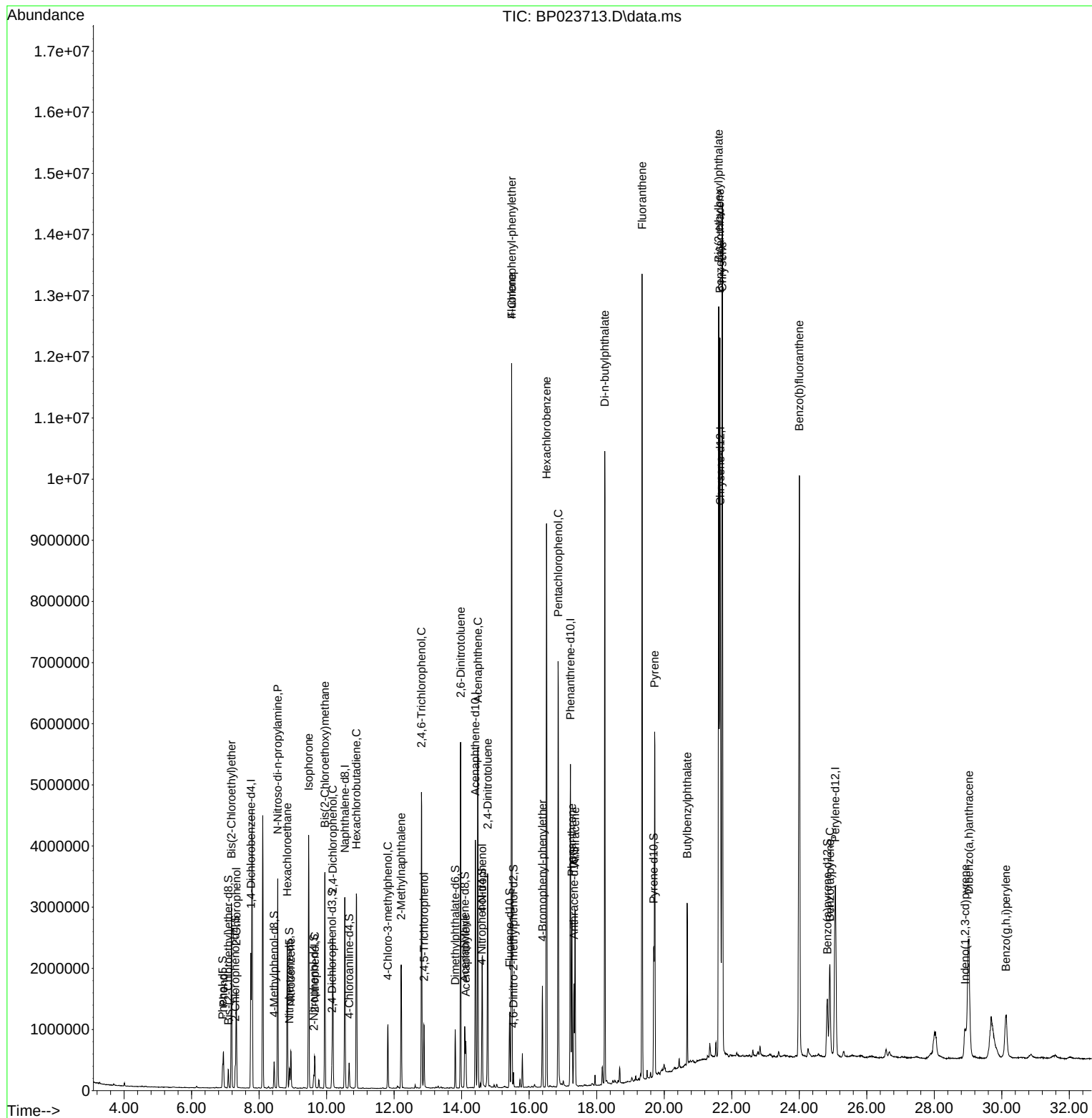
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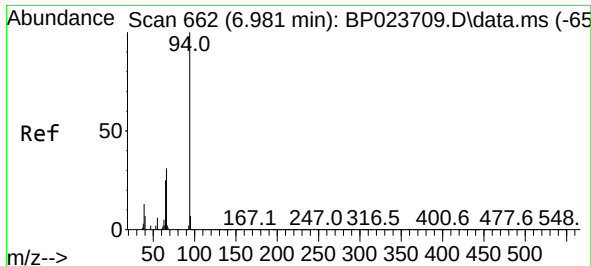
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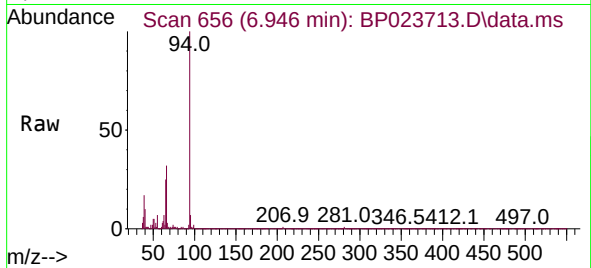
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#8
Phenol
Concen: 6.875 ng/ul
RT: 6.946 min Scan# 61
Delta R.T. -0.035 min
Lab File: BP023713.D
Acq: 24 Jan 2025 12:49

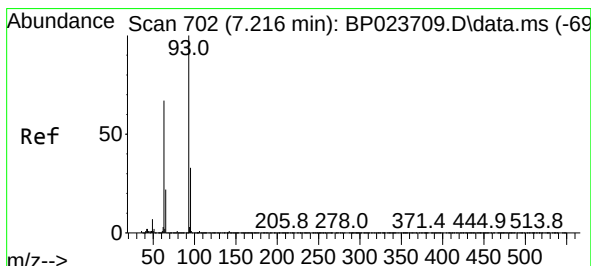
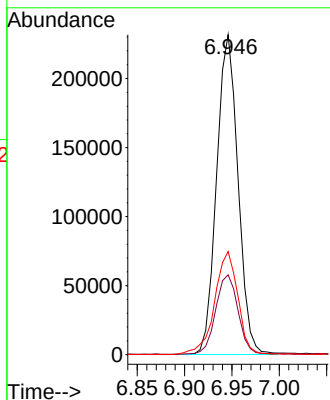
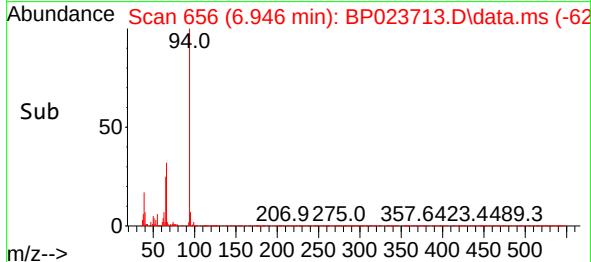
Instrument :
BNA_P
ClientSampleId :
XA173DL



Tgt Ion: 94 Resp: 364479
Ion Ratio Lower Upper
94 100
65 24.9 20.2 30.2
66 32.2 26.0 39.0

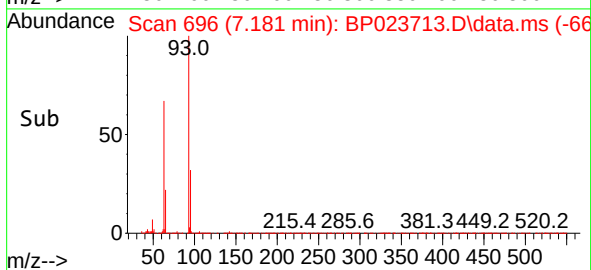
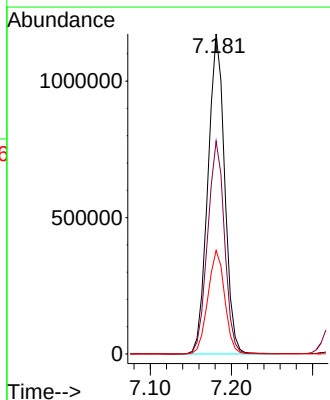
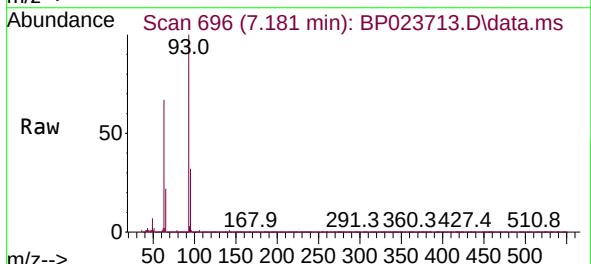
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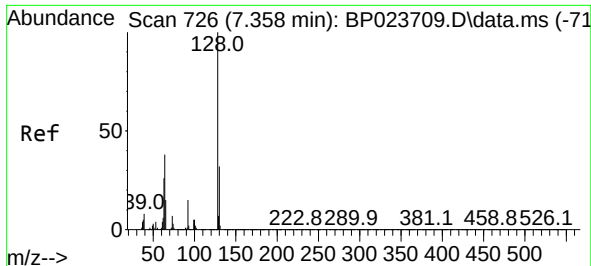
Reviewed By :Yogesh Patel 01/27/2025
Supervised By :mohammad ahmed 01/27/2025



#10
Bis(2-Chloroethyl)ether
Concen: 40.708 ng/ul
RT: 7.181 min Scan# 696
Delta R.T. -0.041 min
Lab File: BP023713.D
Acq: 24 Jan 2025 12:49

Tgt Ion: 93 Resp: 1678814
Ion Ratio Lower Upper
93 100
63 66.5 52.9 79.3
95 32.4 26.1 39.1





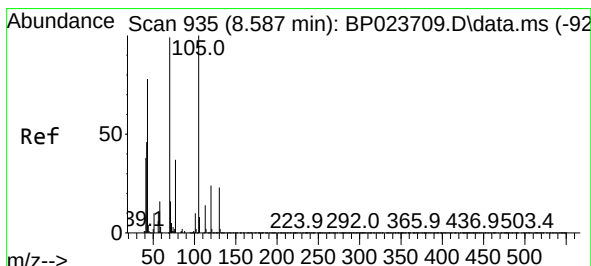
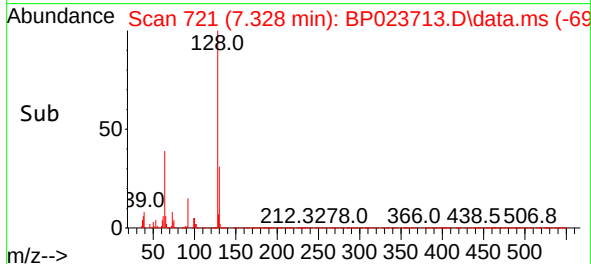
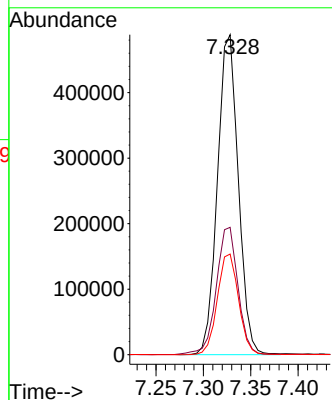
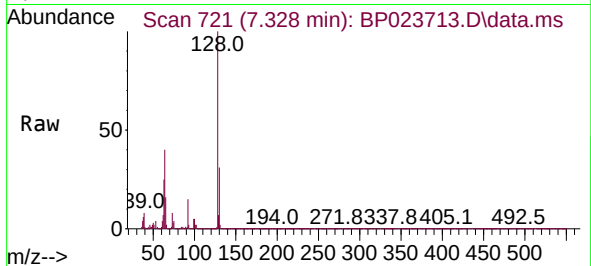
#12
2-Chlorophenol
Concen: 18.330 ng/ul
RT: 7.328 min Scan# 71
Delta R.T. -0.035 min
Lab File: BP023713.D
Acq: 24 Jan 2025 12:49

Instrument :
BNA_P
ClientSampleId :
XA173DL

Tgt Ion:128 Resp: 74838
Ion Ratio Lower Upper
128 100
64 39.8 32.4 48.6
130 31.5 26.2 39.4

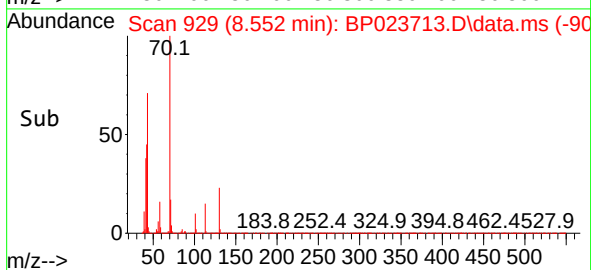
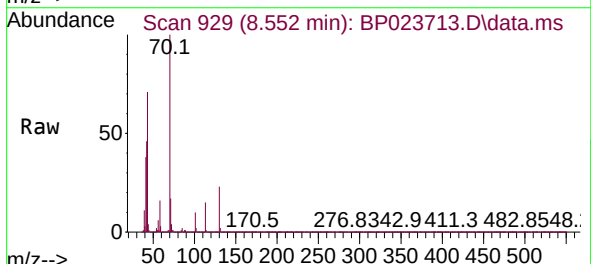
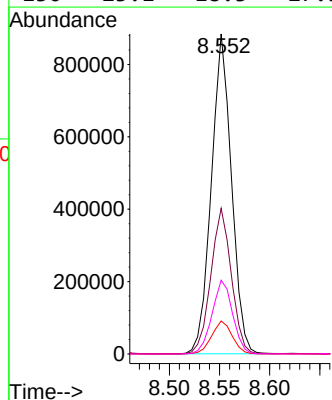
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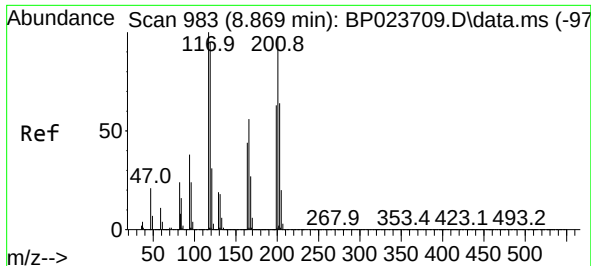
Reviewed By :Yogesh Patel 01/27/2025
Supervised By :mohammad ahmed 01/27/2025



#17
N-Nitroso-di-n-propylamine
Concen: 41.764 ng/ul
RT: 8.552 min Scan# 929
Delta R.T. -0.041 min
Lab File: BP023713.D
Acq: 24 Jan 2025 12:49

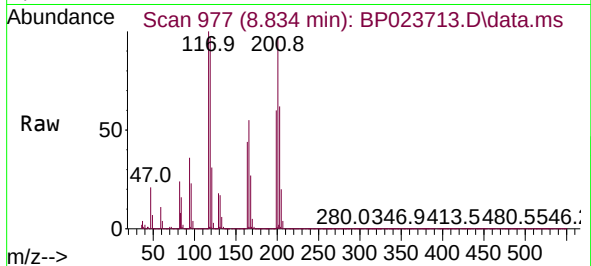
Tgt Ion: 70 Resp: 1236203
Ion Ratio Lower Upper
70 100
42 45.5 37.7 56.5
101 10.3 8.4 12.6
130 23.1 18.3 27.5





#19
Hexachloroethane
Concen: 26.661 ng/ul
RT: 8.834 min Scan# 911
Delta R.T. -0.041 min
Lab File: BP023713.D
Acq: 24 Jan 2025 12:49

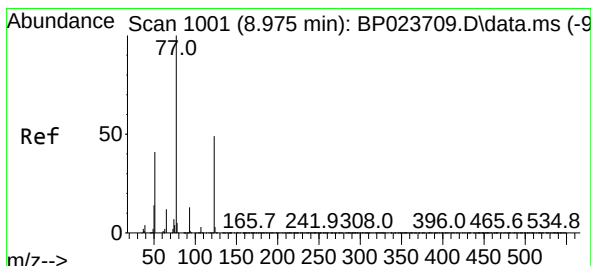
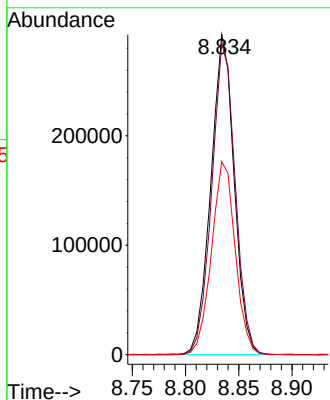
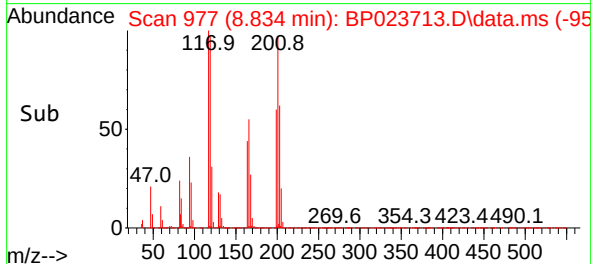
Instrument :
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Tgt Ion:117 Resp: 44488
Ion Ratio Lower Upper
117 100
201 97.3 76.6 114.8
199 60.3 48.7 73.1

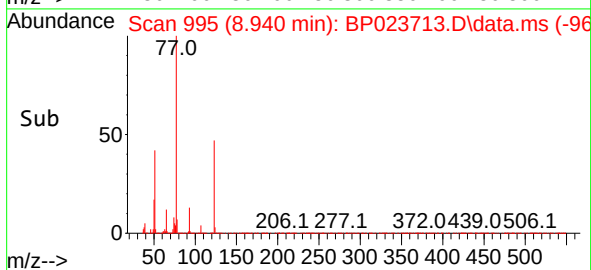
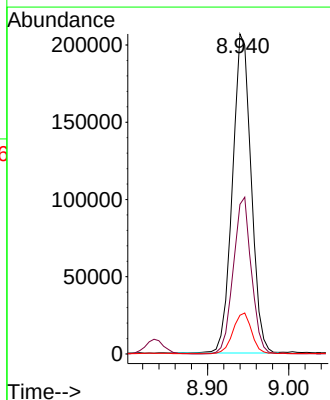
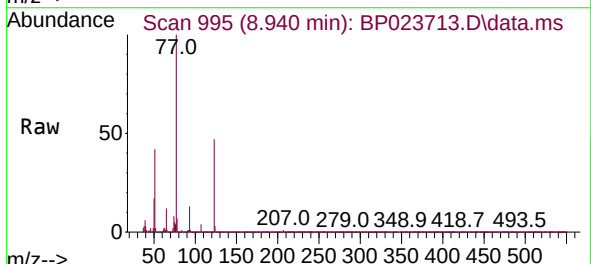
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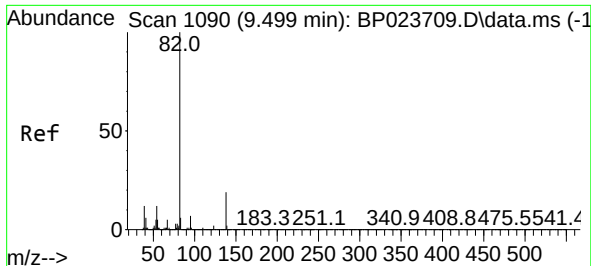
Reviewed By :Yogesh Patel 01/27/2025
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#22
Nitrobenzene
Concen: 7.610 ng/ul
RT: 8.940 min Scan# 995
Delta R.T. -0.041 min
Lab File: BP023713.D
Acq: 24 Jan 2025 12:49

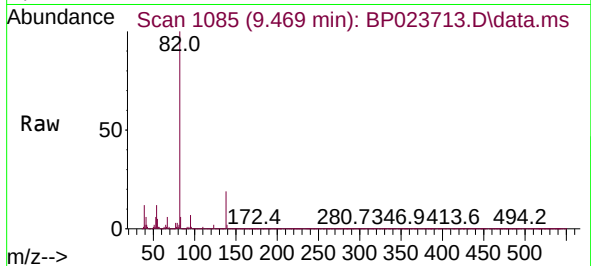
Tgt Ion: 77 Resp: 329925
Ion Ratio Lower Upper
77 100
123 46.7 38.0 57.0
65 12.1 9.8 14.6





#23
Isophorone
Concen: 35.387 ng/uI
RT: 9.469 min Scan# 1085
Delta R.T. -0.035 min
Lab File: BP023713.D
Acq: 24 Jan 2025 12:49

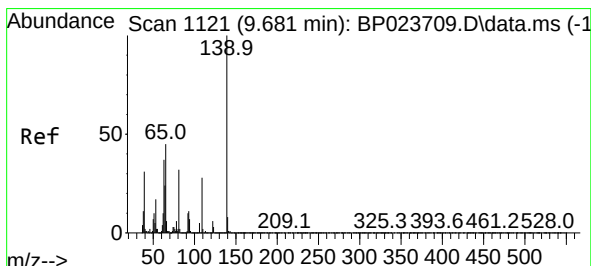
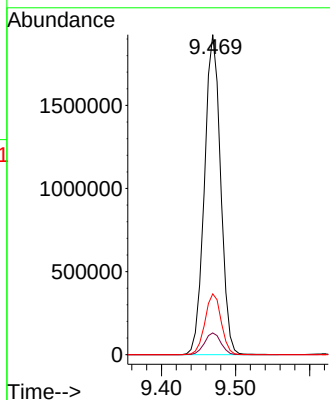
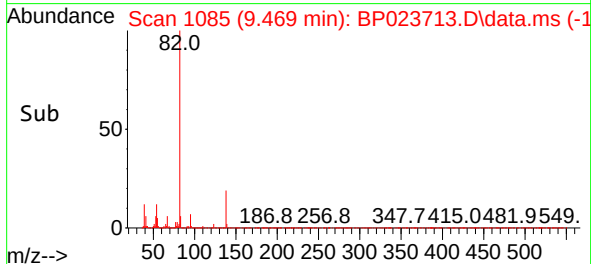
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Tgt Ion: 82 Resp: 291789
Ion Ratio Lower Upper
82 100
95 6.8 5.2 7.8
138 19.0 14.9 22.3

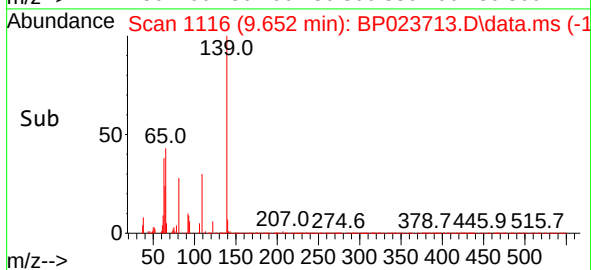
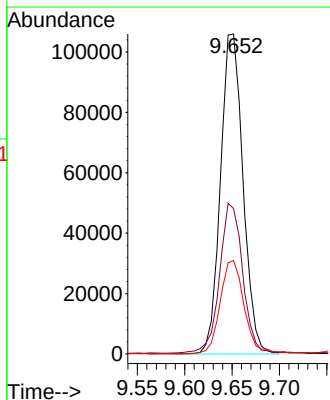
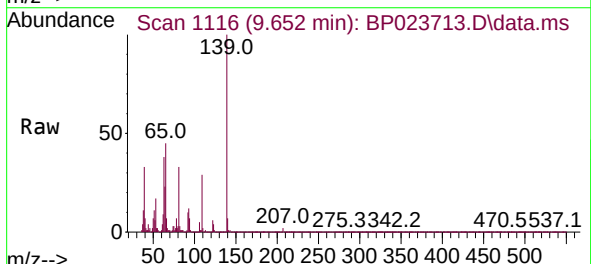
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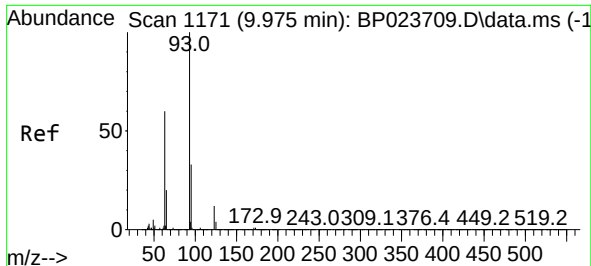
Reviewed By :Yogesh Patel 01/27/2025
Supervised By :mohammad ahmed 01/27/2025



#25
2-Nitrophenol
Concen: 8.792 ng/uI
RT: 9.652 min Scan# 1116
Delta R.T. -0.035 min
Lab File: BP023713.D
Acq: 24 Jan 2025 12:49

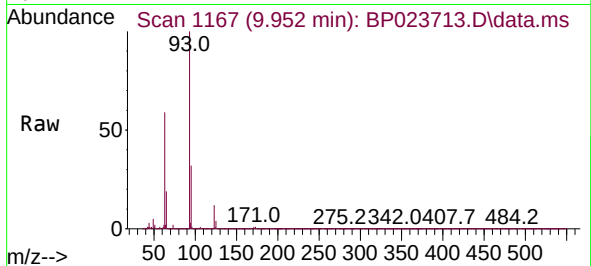
Tgt Ion:139 Resp: 175595
Ion Ratio Lower Upper
139 100
65 45.5 37.4 56.2
109 29.2 22.8 34.2





#27
 Bis(2-Chloroethoxy)methane
 Concen: 38.625 ng/ul
 RT: 9.952 min Scan# 1167
 Delta R.T. -0.029 min
 Lab File: BP023713.D
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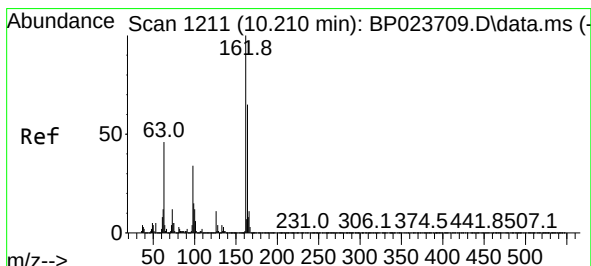
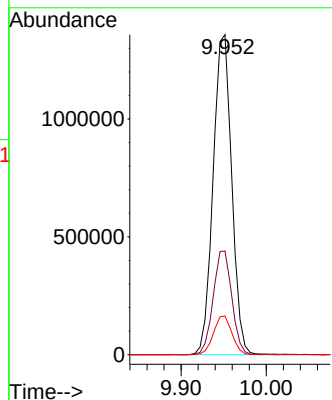
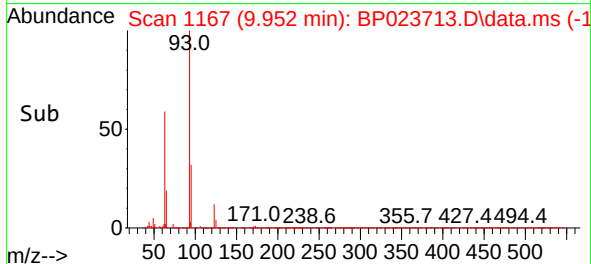
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Tgt Ion: 93 Resp: 2063754
 Ion Ratio Lower Upper
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 95 32.4 25.8 38.8
 123 12.1 9.4 14.2

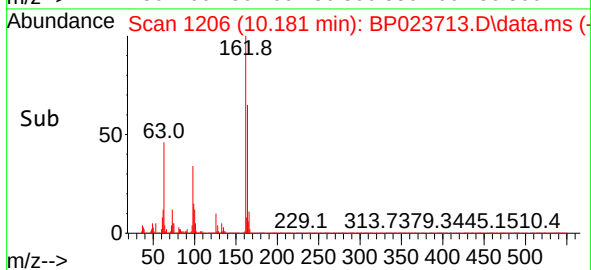
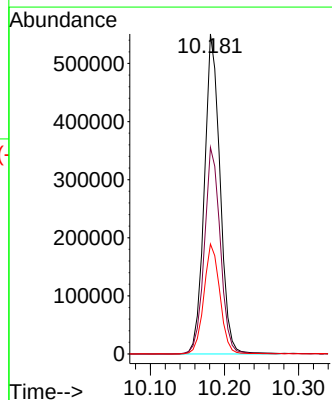
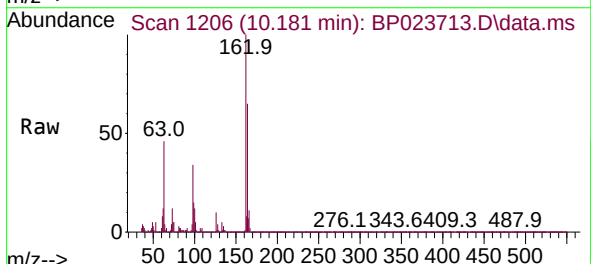
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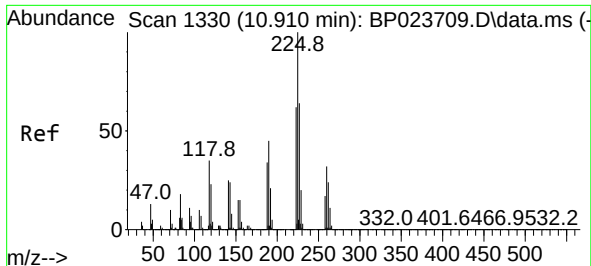
Reviewed By :Yogesh Patel 01/27/2025
 Supervised By :mohammad ahmed 01/27/2025



#29
 2,4-Dichlorophenol
 Concen: 21.912 ng/ul
 RT: 10.181 min Scan# 1206
 Delta R.T. -0.041 min
 Lab File: BP023713.D
 Acq: 24 Jan 2025 12:49

Tgt Ion:162 Resp: 810004
 Ion Ratio Lower Upper
 162 100
 164 64.5 52.3 78.5
 98 34.4 28.3 42.5





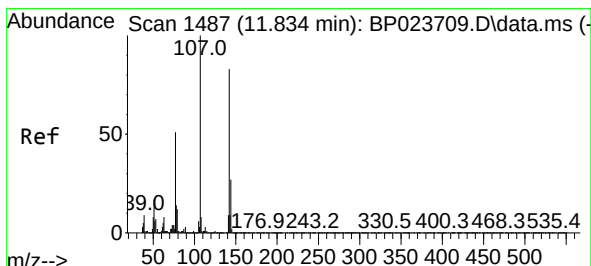
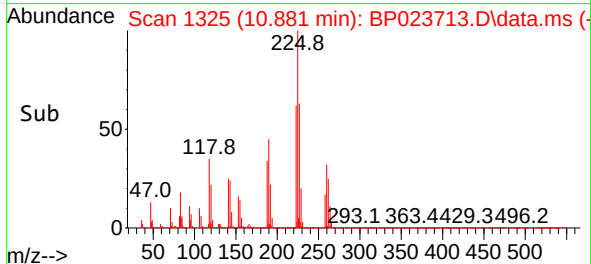
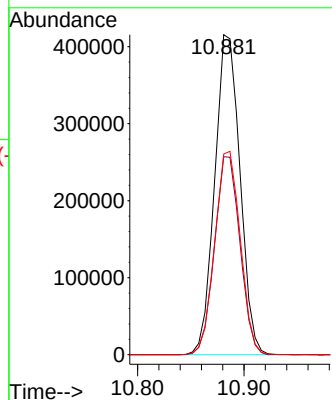
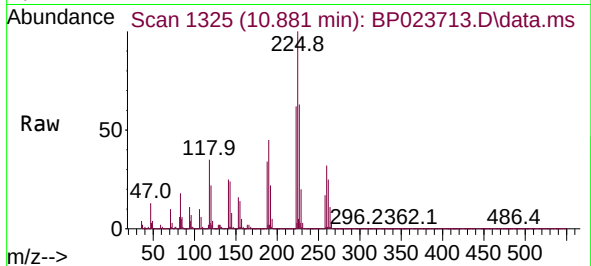
#33
Hexachlorobutadiene
Concen: 29.436 ng/ul
RT: 10.881 min Scan# 11
Delta R.T. -0.041 min
Lab File: BP023713.D
Acq: 24 Jan 2025 12:49

Instrument :
BNA_P
ClientSampleId :
XA173DL

Tgt Ion:225 Resp: 684950
Ion Ratio Lower Upper
225 100
223 61.9 50.9 76.3
227 62.7 51.8 77.8

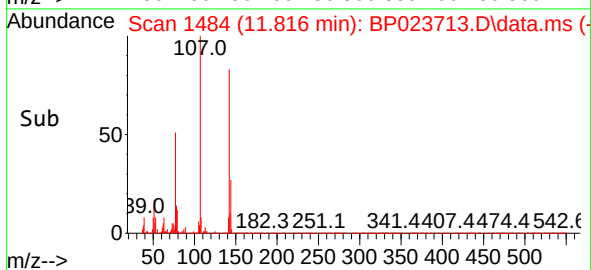
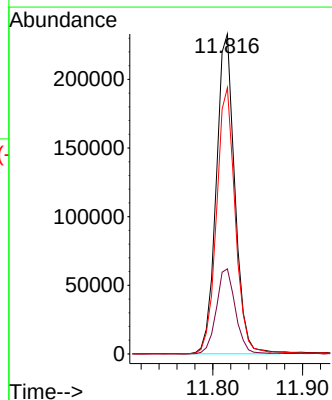
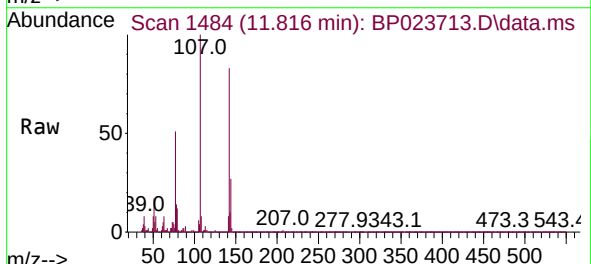
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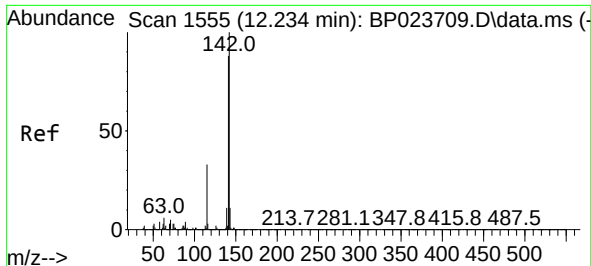
Reviewed By :Yogesh Patel 01/27/2025
Supervised By :mohammad ahmed 01/27/2025



#35
4-Chloro-3-methylphenol
Concen: 8.732 ng/ul
RT: 11.816 min Scan# 1484
Delta R.T. -0.029 min
Lab File: BP023713.D
Acq: 24 Jan 2025 12:49

Tgt Ion:107 Resp: 334364
Ion Ratio Lower Upper
107 100
144 26.6 21.3 31.9
142 83.2 65.5 98.3





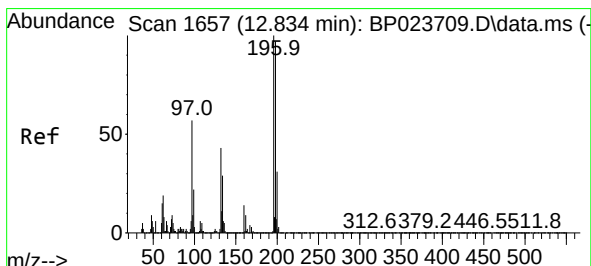
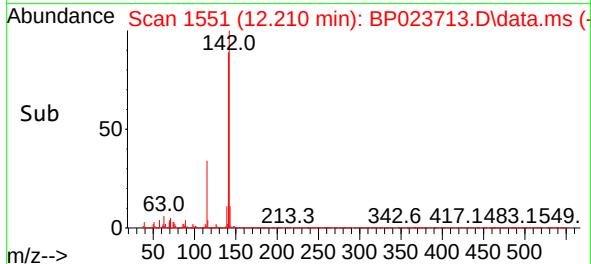
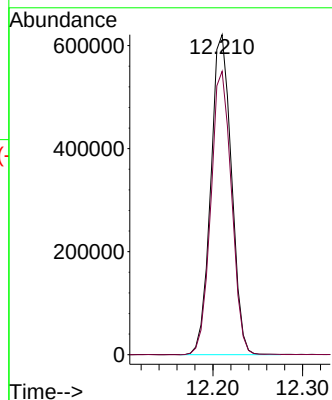
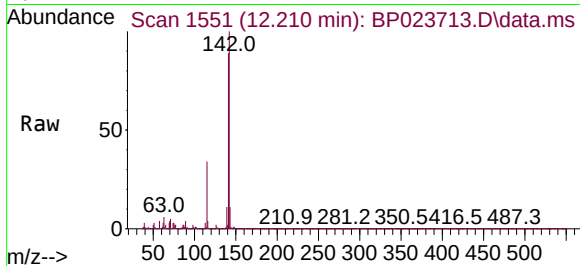
#36
2-Methylnaphthalene
Concen: 11.098 ng/ul
RT: 12.210 min Scan# 1551
Delta R.T. -0.023 min
Lab File: BP023713.D
Acq: 24 Jan 2025 12:49

Instrument :
BNA_P
ClientSampleId :
XA173DL

Tgt Ion:142 Resp: 993230
Ion Ratio Lower Upper
142 100
141 88.5 70.5 105.7

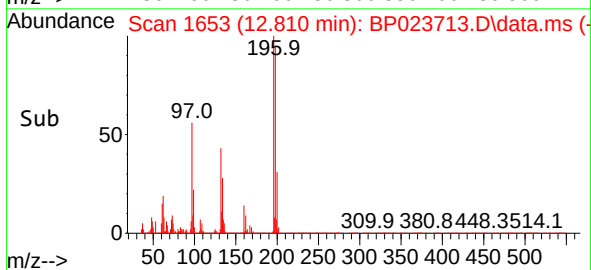
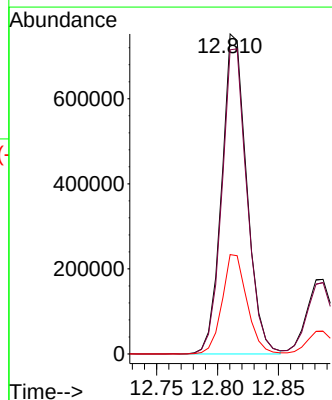
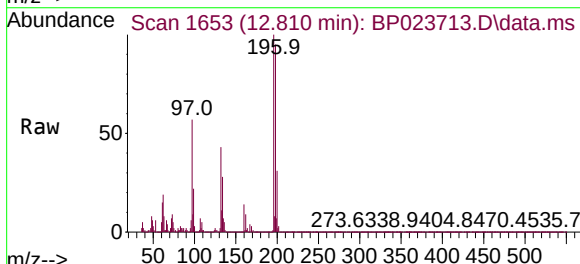
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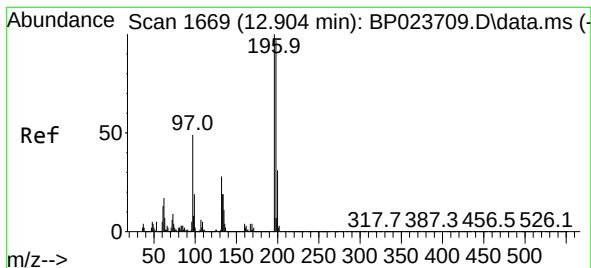
Reviewed By :Yogesh Patel 01/27/2025
Supervised By :mohammad ahmed 01/27/2025



#41
2,4,6-Trichlorophenol
Concen: 40.419 ng/ul
RT: 12.810 min Scan# 1653
Delta R.T. -0.029 min
Lab File: BP023713.D
Acq: 24 Jan 2025 12:49

Tgt Ion:196 Resp: 1076375
Ion Ratio Lower Upper
196 100
198 95.1 77.6 116.4
200 31.1 24.5 36.7





#42

2,4,5-Trichlorophenol

Concen: 9.065 ng/ul

RT: 12.887 min Scan# 1

Delta R.T. -0.023 min

Lab File: BP023713.D

Acq: 24 Jan 2025 12:49

Instrument :

BNA_P

ClientSampleId :

XA173DL

Tgt Ion:196 Resp: 26662

Ion Ratio Lower Upper

196 100

198 95.6 77.4 116.2

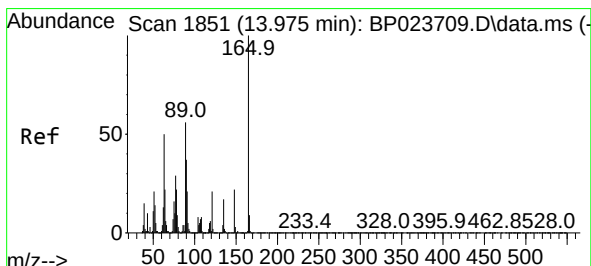
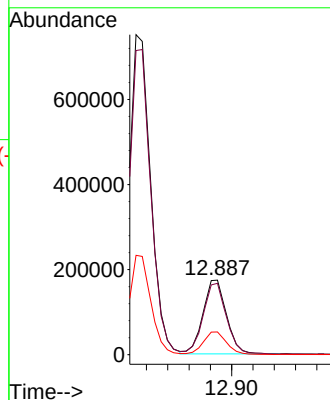
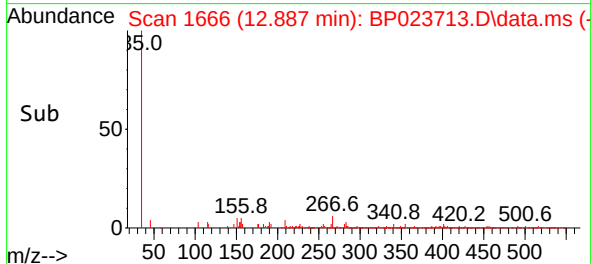
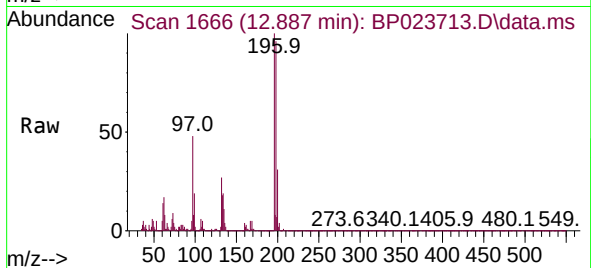
200 30.5 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/27/2025

Supervised By :mohammad ahmed 01/27/2025



#48

2,6-Dinitrotoluene

Concen: 54.016 ng/ul

RT: 13.969 min Scan# 1850

Delta R.T. -0.018 min

Lab File: BP023713.D

Acq: 24 Jan 2025 12:49

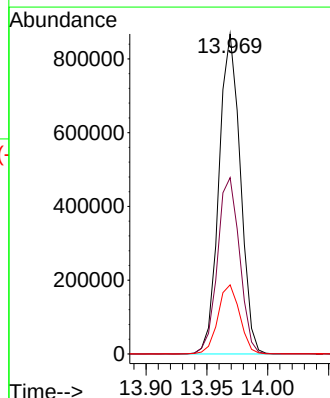
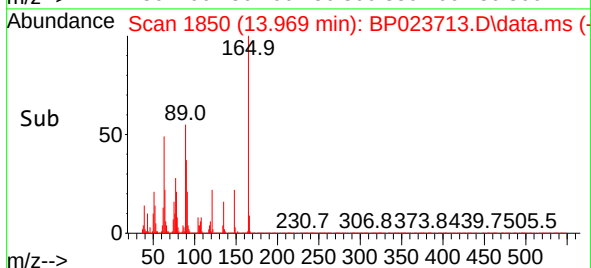
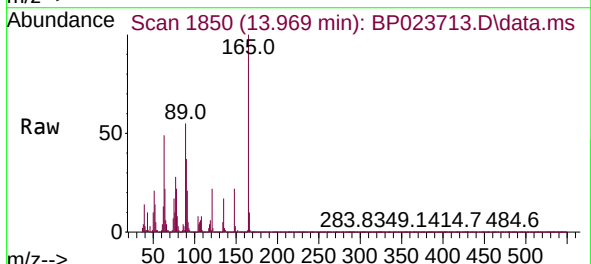
Tgt Ion:165 Resp: 1060747

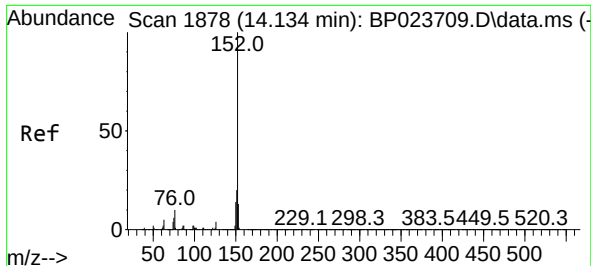
Ion Ratio Lower Upper

165 100

89 55.1 44.8 67.2

121 21.6 17.0 25.4





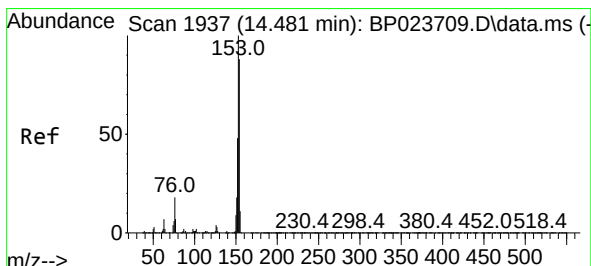
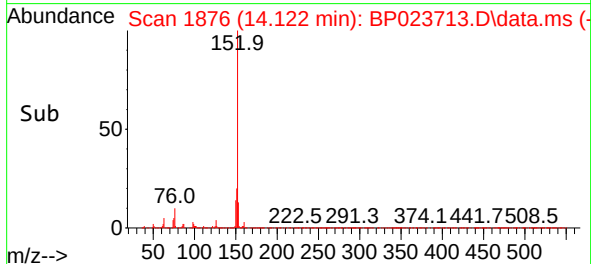
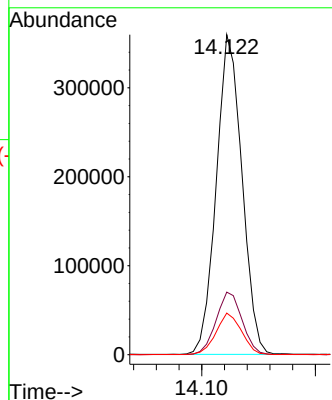
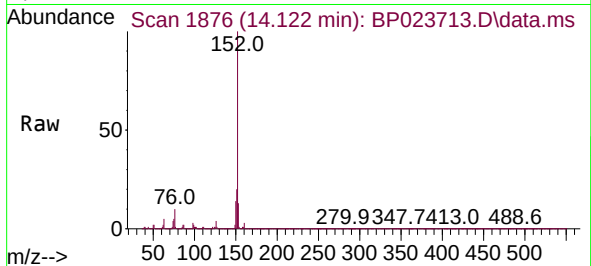
#50
Acenaphthylene
Concen: 4.096 ng/ul
RT: 14.122 min Scan# 1876
Delta R.T. -0.018 min
Lab File: BP023713.D
Acq: 24 Jan 2025 12:49

Instrument :
BNA_P
ClientSampleId :
XA173DL

Tgt Ion:152 Resp: 563662
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.8
153 13.0 10.6 15.8

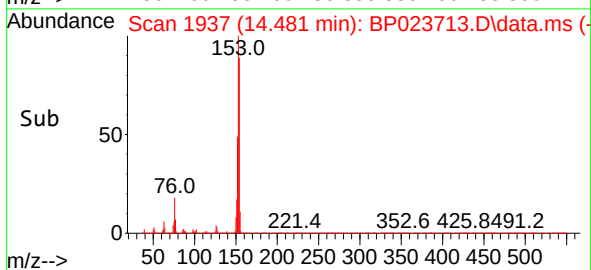
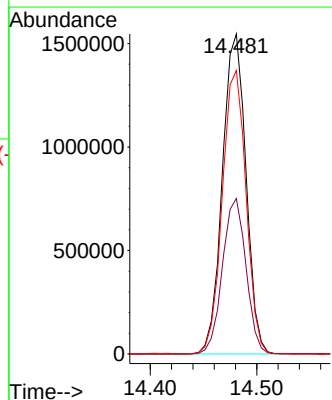
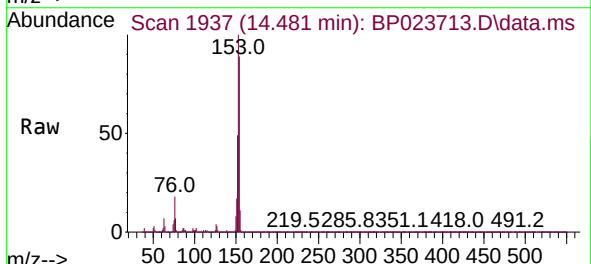
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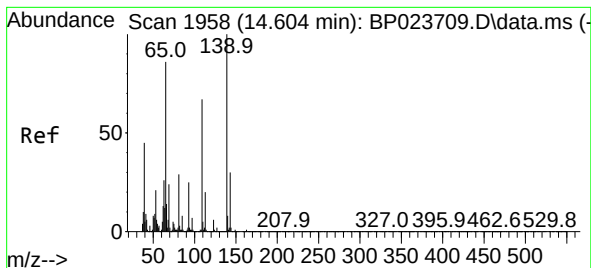
Reviewed By :Yogesh Patel 01/27/2025
Supervised By :mohammad ahmed 01/27/2025



#52
Acenaphthene
Concen: 24.432 ng/ul
RT: 14.481 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BP023713.D
Acq: 24 Jan 2025 12:49

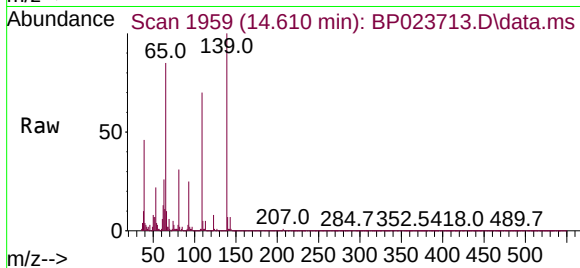
Tgt Ion:153 Resp: 2377283
Ion Ratio Lower Upper
153 100
152 48.6 39.1 58.7
154 88.6 71.4 107.0





#55
4-Nitrophenol
Concen: 22.029 ng/ul
RT: 14.610 min Scan# 1959
Delta R.T. -0.006 min
Lab File: BP023713.D
Acq: 24 Jan 2025 12:49

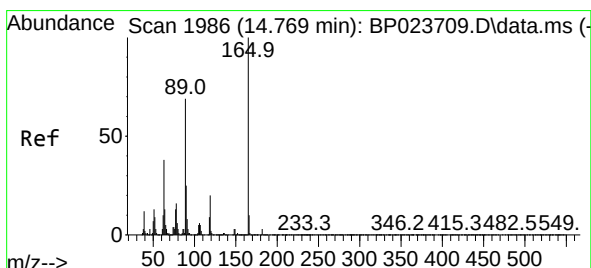
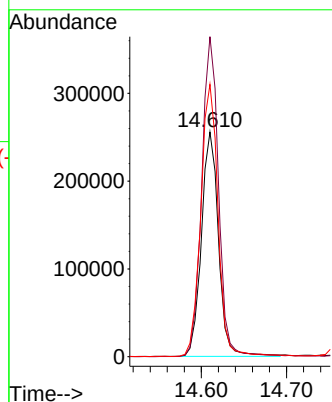
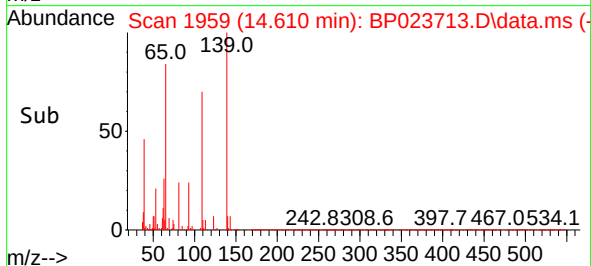
Instrument :
BNA_P
ClientSampleId :
XA173DL



Tgt Ion:109 Resp: 35624
Ion Ratio Lower Upper
109 100
139 142.5 114.3 171.5
65 121.3 103.0 154.6

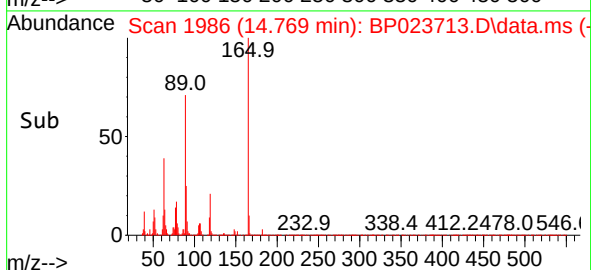
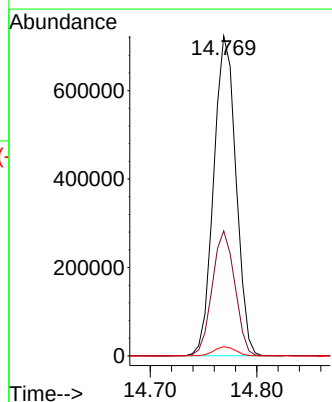
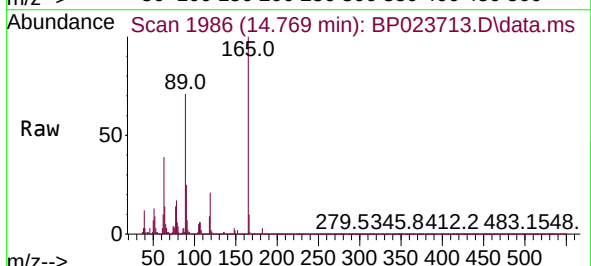
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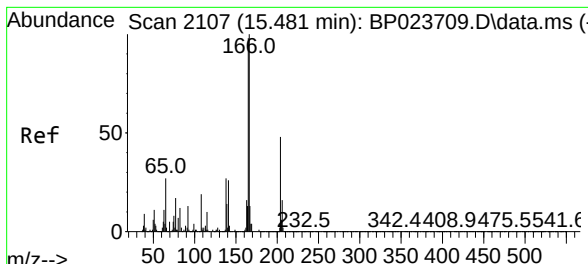
Reviewed By :Yogesh Patel 01/27/2025
Supervised By :mohammad ahmed 01/27/2025



#57
2,4-Dinitrotoluene
Concen: 35.701 ng/ul
RT: 14.769 min Scan# 1986
Delta R.T. -0.006 min
Lab File: BP023713.D
Acq: 24 Jan 2025 12:49

Tgt Ion:165 Resp: 1048903
Ion Ratio Lower Upper
165 100
63 39.1 31.0 46.6
182 2.9 2.2 3.4





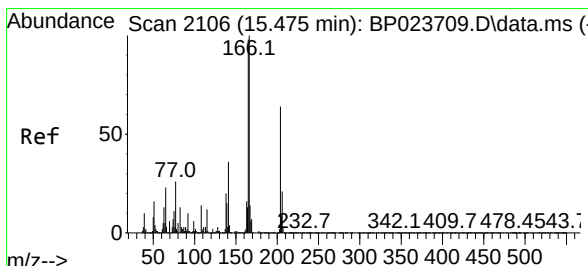
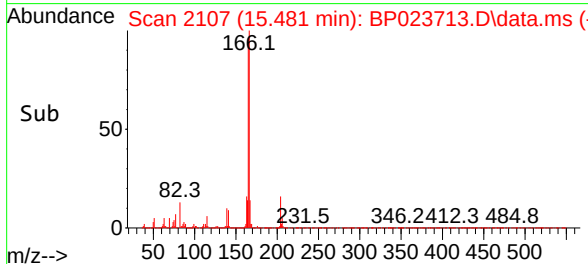
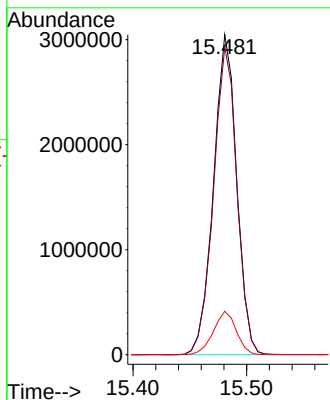
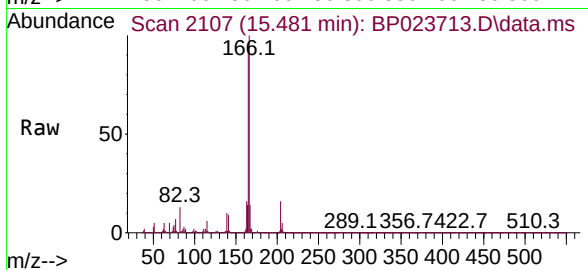
#61
 Fluorene
 Concen: 38.747 ng/ul
 RT: 15.481 min Scan# 2107
 Delta R.T. 0.000 min
 Lab File: BP023713.D
 Acq: 24 Jan 2025 12:49

Instrument :
 BNA_P
 ClientSampleId :
 XA173DL

Tgt Ion:166 Resp: 432136
 Ion Ratio Lower Upper
 166 100
 165 96.1 77.8 116.8
 167 13.5 10.6 16.0

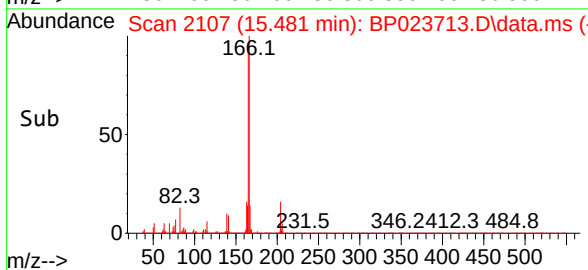
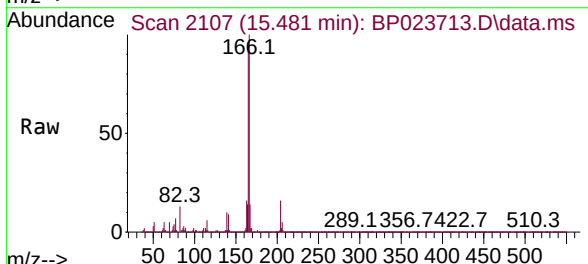
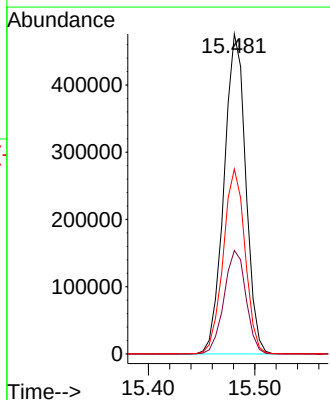
Manual Integrations
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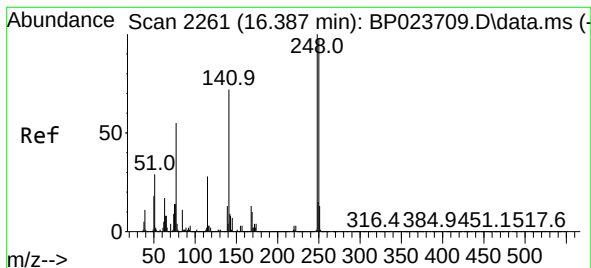
Reviewed By :Yogesh Patel 01/27/2025
 Supervised By :mohammad ahmed 01/27/2025



#62
 4-Chlorophenyl-phenylether
 Concen: 12.348 ng/ul
 RT: 15.481 min Scan# 2107
 Delta R.T. 0.000 min
 Lab File: BP023713.D
 Acq: 24 Jan 2025 12:49

Tgt Ion:204 Resp: 674089
 Ion Ratio Lower Upper
 204 100
 206 32.4 26.2 39.2
 141 57.8 45.4 68.2





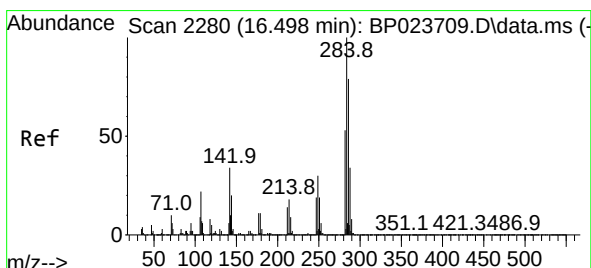
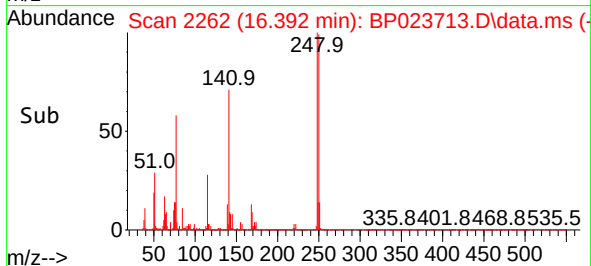
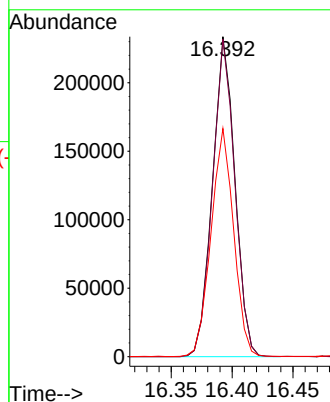
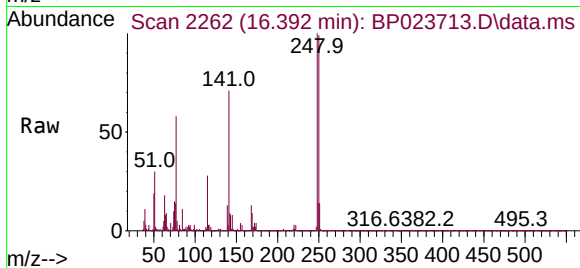
#68
4-Bromophenyl-phenylether
Concen: 9.260 ng/ul
RT: 16.392 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP023713.D
Acq: 24 Jan 2025 12:49

Instrument :
BNA_P
ClientSampleId :
XA173DL

Tgt Ion:248 Resp: 29933
Ion Ratio Lower Upper
248 100
250 99.2 77.7 116.5
141 71.3 55.0 82.6

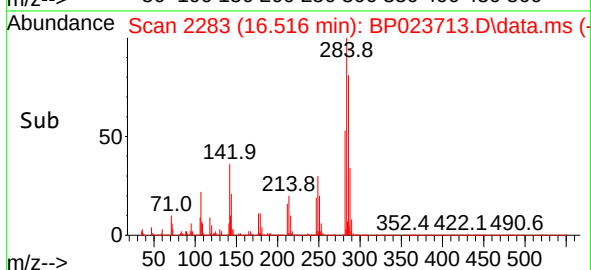
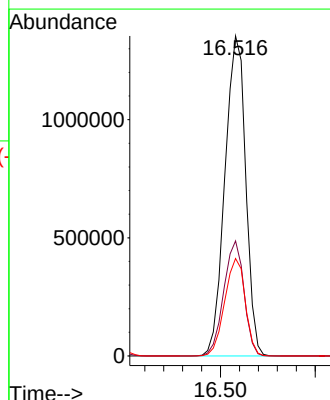
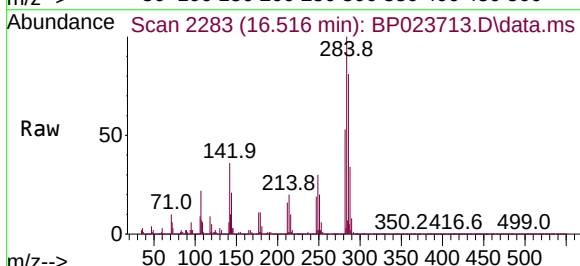
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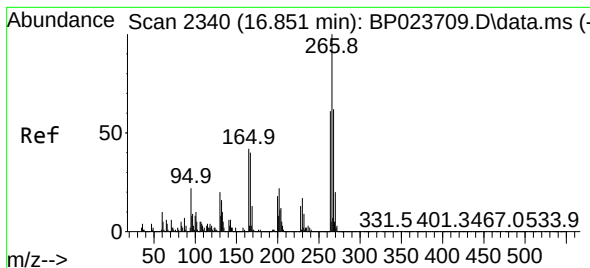
Reviewed By :Yogesh Patel 01/27/2025
Supervised By :mohammad ahmed 01/27/2025



#69
Hexachlorobenzene
Concen: 52.482 ng/ul
RT: 16.516 min Scan# 2283
Delta R.T. 0.012 min
Lab File: BP023713.D
Acq: 24 Jan 2025 12:49

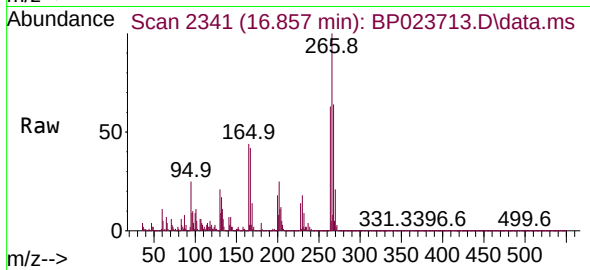
Tgt Ion:284 Resp: 2064541
Ion Ratio Lower Upper
284 100
142 35.9 28.1 42.1
249 30.5 23.8 35.8





#71
Pentachlorophenol
Concen: 53.396 ng/ul
RT: 16.857 min Scan# 2410
Delta R.T. 0.006 min
Lab File: BP023713.D
Acq: 24 Jan 2025 12:49

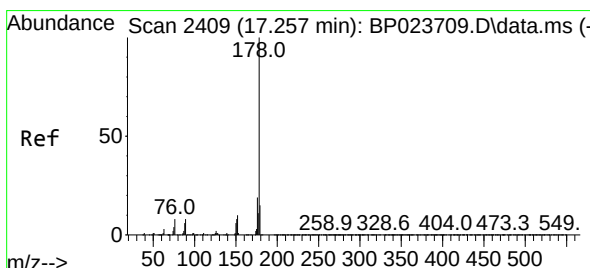
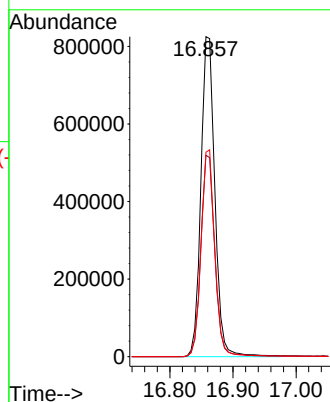
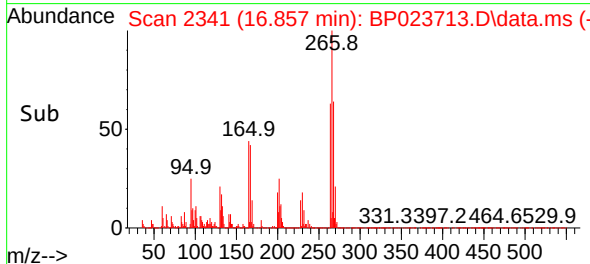
Instrument :
BNA_P
ClientSampleId :
XA173DL



Tgt Ion:266 Resp: 126880
Ion Ratio Lower Upper
266 100
264 62.9 50.9 76.3
268 63.9 52.2 78.4

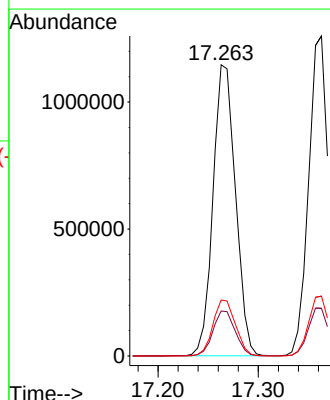
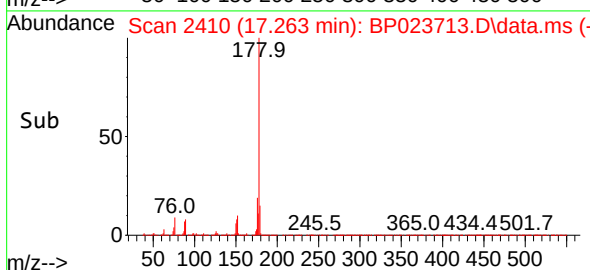
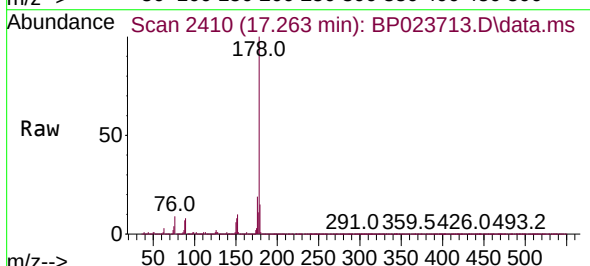
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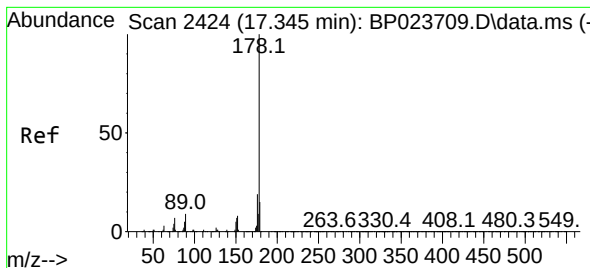
Reviewed By :Yogesh Patel 01/27/2025
Supervised By :mohammad ahmed 01/27/2025



#72
Phenanthrene
Concen: 10.435 ng/ul
RT: 17.263 min Scan# 2410
Delta R.T. 0.012 min
Lab File: BP023713.D
Acq: 24 Jan 2025 12:49

Tgt Ion:178 Resp: 1780145
Ion Ratio Lower Upper
178 100
179 15.4 12.5 18.7
176 19.2 15.7 23.5





#74

Anthracene

Concen: 10.225 ng/ul

RT: 17.363 min Scan# 2427

Delta R.T. 0.018 min

Lab File: BP023713.D

Acq: 24 Jan 2025 12:49

Instrument :

BNA_P

ClientSampleId :

XA173DL

Tgt Ion:178 Resp: 173263

Ion Ratio Lower Upper

178 100

179 14.9 12.4 18.6

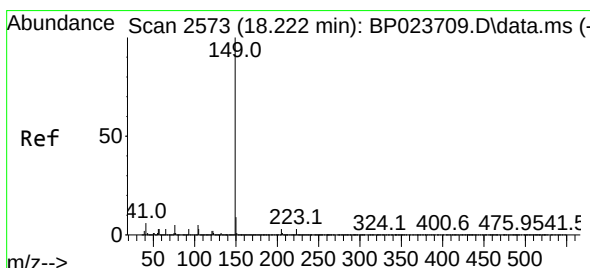
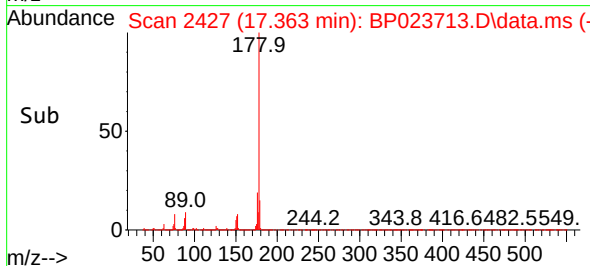
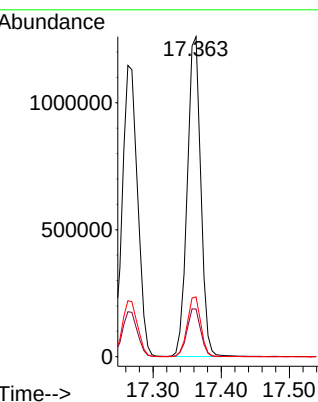
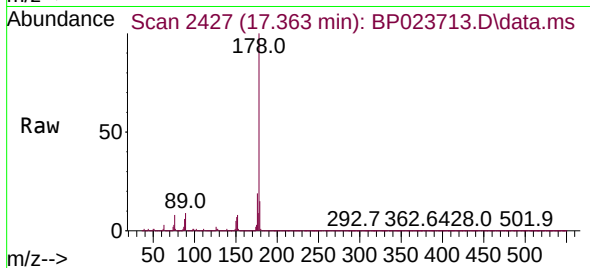
176 18.7 15.0 22.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/27/2025

Supervised By :mohammad ahmed 01/27/2025



#78

Di-n-butylphthalate

Concen: 44.080 ng/ul

RT: 18.239 min Scan# 2576

Delta R.T. 0.018 min

Lab File: BP023713.D

Acq: 24 Jan 2025 12:49

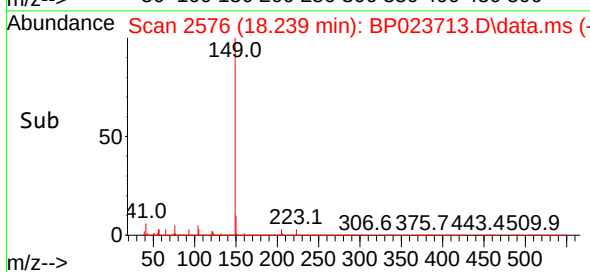
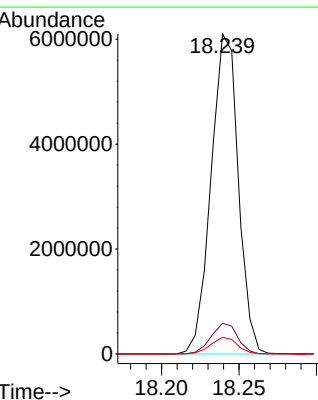
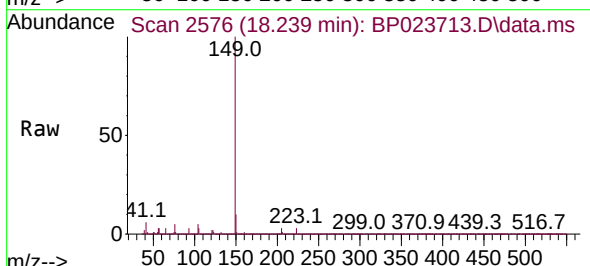
Tgt Ion:149 Resp: 7465490

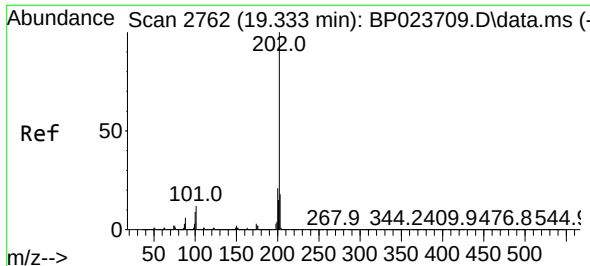
Ion Ratio Lower Upper

149 100

150 9.6 7.5 11.3

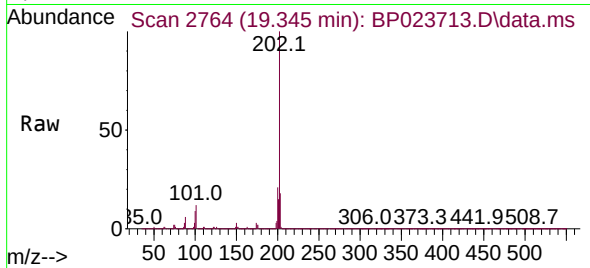
104 5.2 4.2 6.2





#80
Fluoranthene
Concen: 38.353 ng/u1
RT: 19.345 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP023713.D
Acq: 24 Jan 2025 12:49

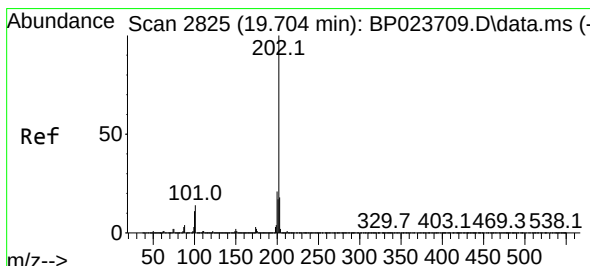
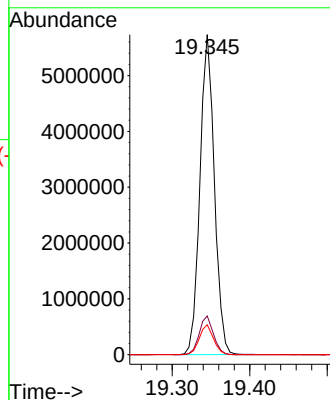
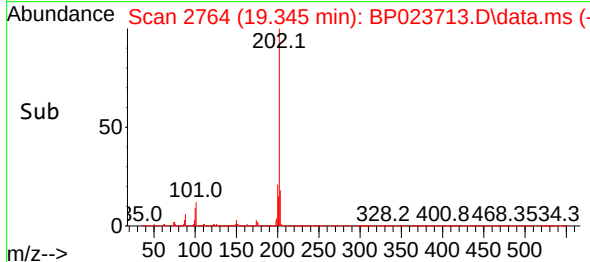
Instrument :
BNA_P
ClientSampleId :
XA173DL



Tgt Ion:202 Resp: 739978
Ion Ratio Lower Upper
202 100
101 12.1 9.2 13.8
100 9.3 7.0 10.6

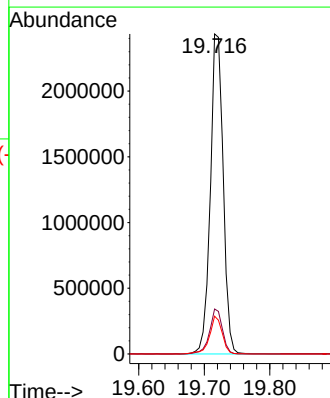
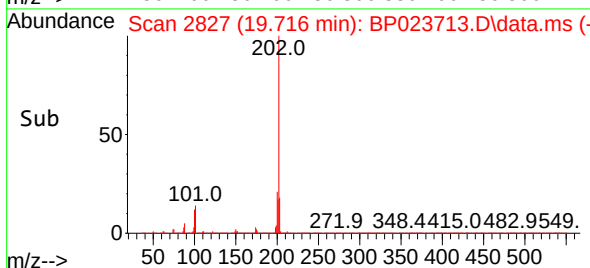
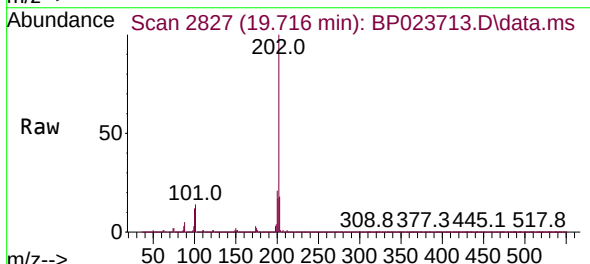
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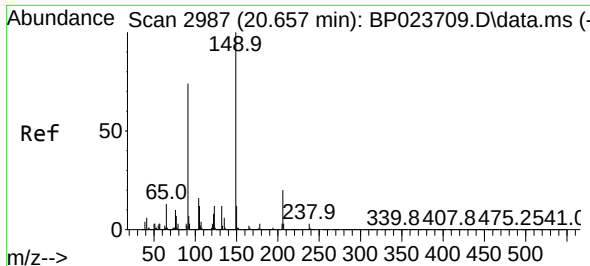
Reviewed By :Yogesh Patel 01/27/2025
Supervised By :mohammad ahmed 01/27/2025



#82
Pyrene
Concen: 15.836 ng/u1
RT: 19.716 min Scan# 2827
Delta R.T. 0.012 min
Lab File: BP023713.D
Acq: 24 Jan 2025 12:49

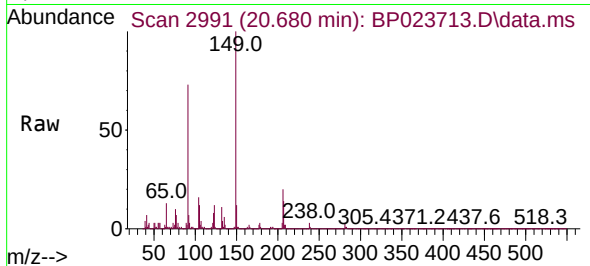
Tgt Ion:202 Resp: 3318460
Ion Ratio Lower Upper
202 100
101 14.0 11.6 17.4
100 11.8 9.6 14.4





#83
Butylbenzylphthalate
Concen: 10.132 ng/ul
RT: 20.680 min Scan# 2987
Delta R.T. 0.018 min
Lab File: BP023713.D
Acq: 24 Jan 2025 12:49

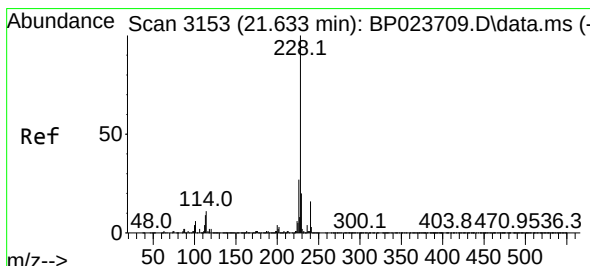
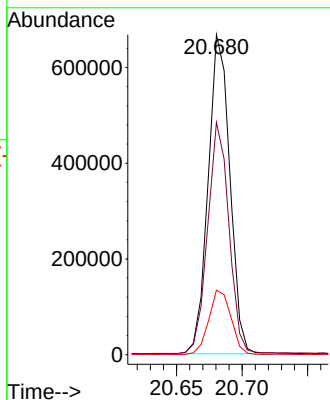
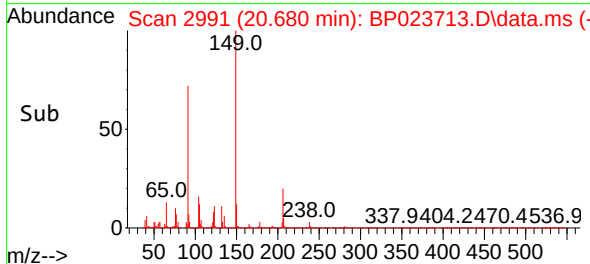
Instrument :
BNA_P
ClientSampleId :
XA173DL



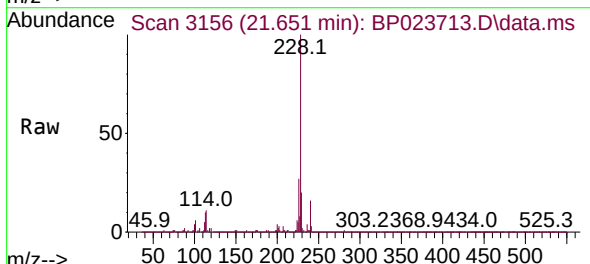
Tgt Ion:149 Resp: 765759
Ion Ratio Lower Upper
149 100
91 72.6 56.6 84.8
206 20.1 16.3 24.5

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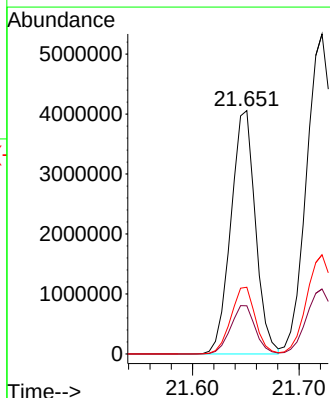
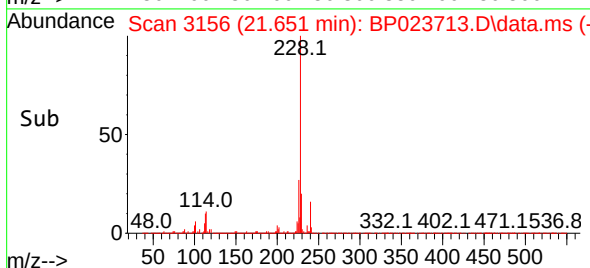
Reviewed By :Yogesh Patel 01/27/2025
Supervised By :mohammad ahmed 01/27/2025

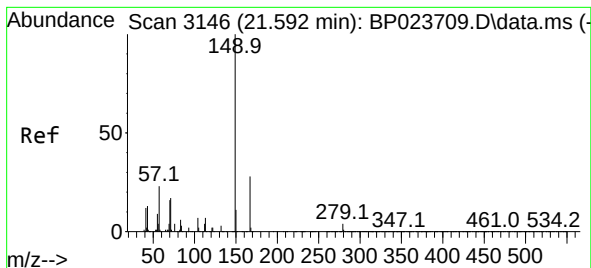


#85
Benzo(a)anthracene
Concen: 30.787 ng/ul
RT: 21.651 min Scan# 3156
Delta R.T. 0.018 min
Lab File: BP023713.D
Acq: 24 Jan 2025 12:49



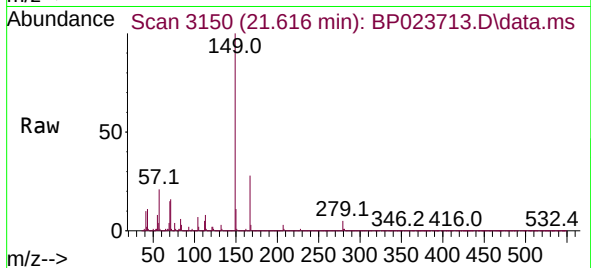
Tgt Ion:228 Resp: 6508591
Ion Ratio Lower Upper
228 100
229 19.8 15.8 23.8
226 27.4 21.8 32.8





#86
Bis(2-ethylhexyl)phthalate
Concen: 48.241 ng/ul
RT: 21.616 min Scan# 3146
Delta R.T. 0.024 min
Lab File: BP023713.D
Acq: 24 Jan 2025 12:49

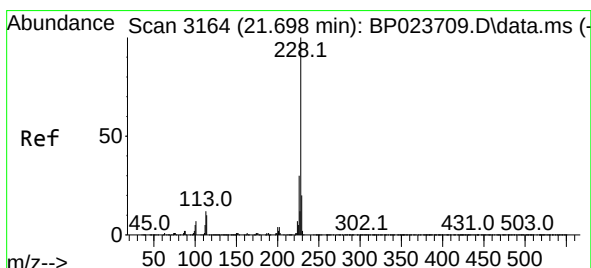
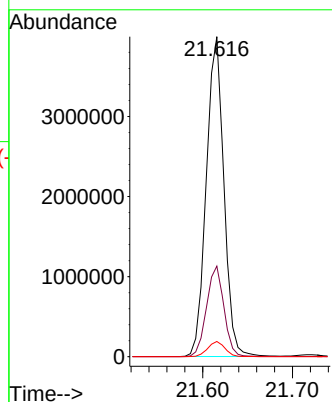
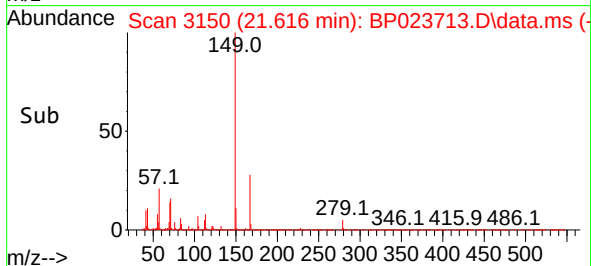
Instrument :
BNA_P
ClientSampleId :
XA173DL



Tgt Ion:149 Resp: 543685
Ion Ratio Lower Upper
149 100
167 28.3 21.7 32.5
279 4.7 3.4 5.2

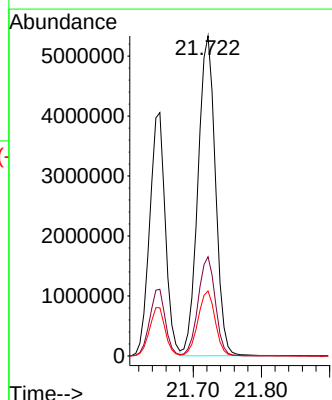
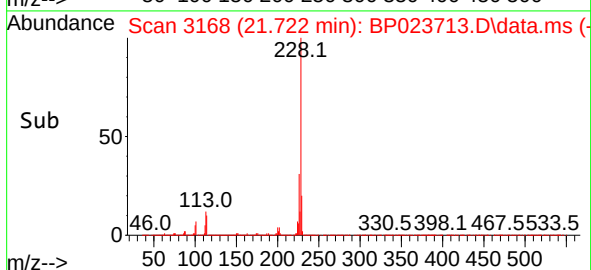
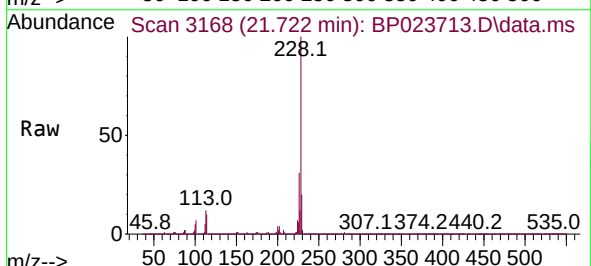
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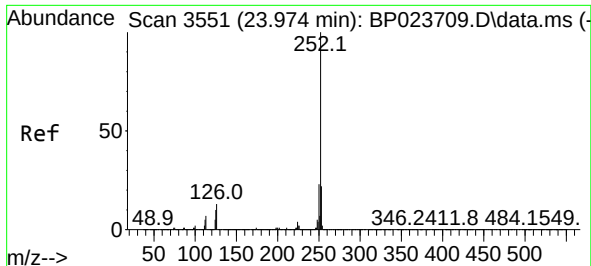
Reviewed By :Yogesh Patel 01/27/2025
Supervised By :mohammad ahmed 01/27/2025



#87
Chrysene
Concen: 47.833 ng/ul
RT: 21.722 min Scan# 3168
Delta R.T. 0.024 min
Lab File: BP023713.D
Acq: 24 Jan 2025 12:49

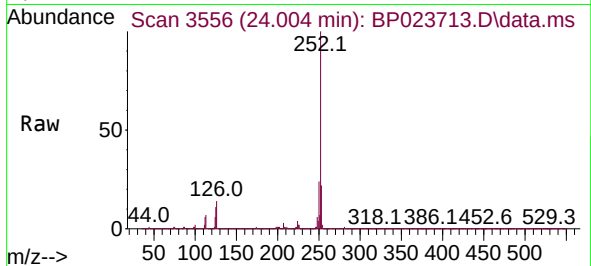
Tgt Ion:228 Resp: 9467152
Ion Ratio Lower Upper
228 100
226 31.0 24.3 36.5
229 20.3 15.8 23.6





#90
Benzo(b)fluoranthene
Concen: 43.637 ng/u1
RT: 24.004 min Scan# 31
Delta R.T. 0.030 min
Lab File: BP023713.D
Acq: 24 Jan 2025 12:49

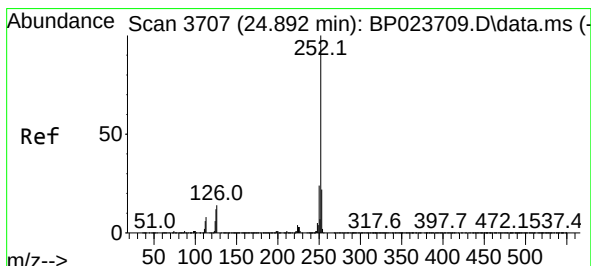
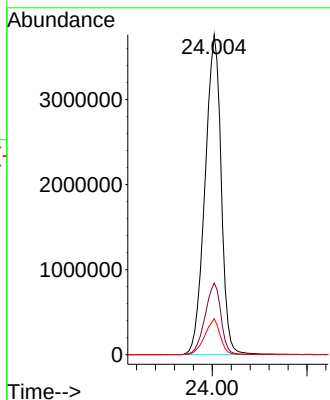
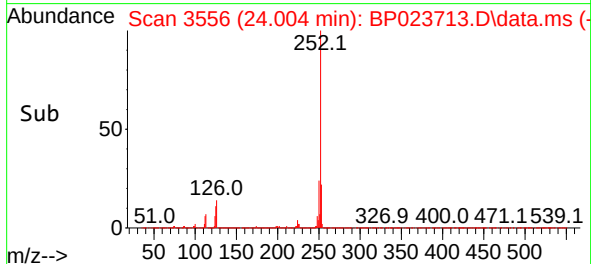
Instrument :
BNA_P
ClientSampleId :
XA173DL



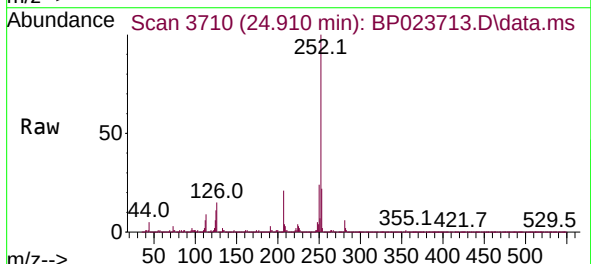
Tgt Ion:252 Resp: 888865
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 11.3 8.2 12.4

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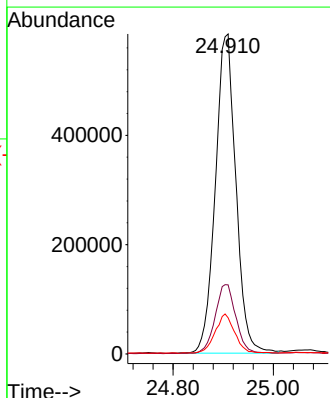
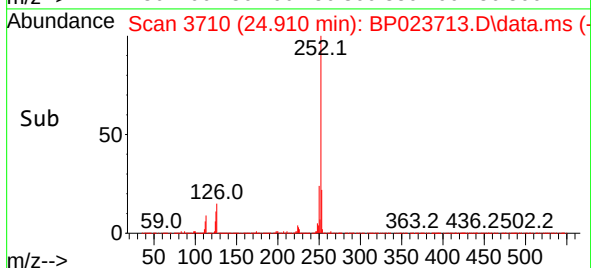
Reviewed By :Yogesh Patel 01/27/2025
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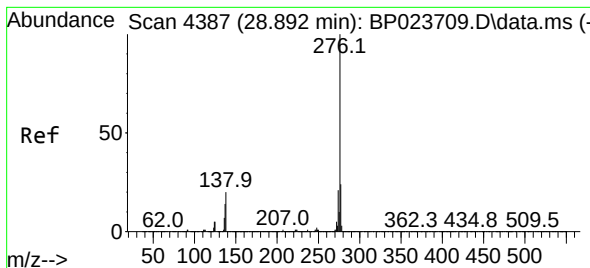


#93
Benzo(a)pyrene
Concen: 8.675 ng/u1
RT: 24.910 min Scan# 3710
Delta R.T. 0.030 min
Lab File: BP023713.D
Acq: 24 Jan 2025 12:49



Tgt Ion:252 Resp: 1663032
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 11.3 9.1 13.7





#94

Indeno(1,2,3-cd)pyrene

Concen: 7.295 ng/ul m

RT: 28.915 min Scan# 4110

Delta R.T. 0.030 min

Lab File: BP023713.D

Acq: 24 Jan 2025 12:49

Instrument :

BNA_P

ClientSampleId :

XA173DL

Tgt Ion:276 Resp: 173834

Ion Ratio Lower Upper

276 100

138 21.1 16.6 25.0

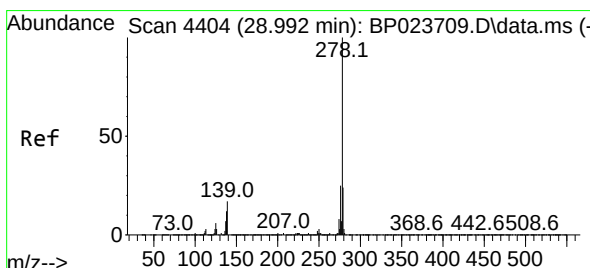
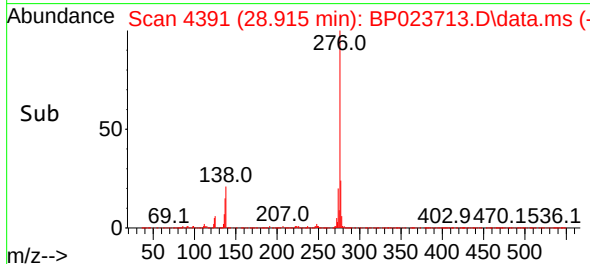
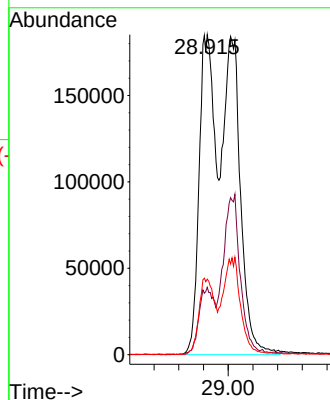
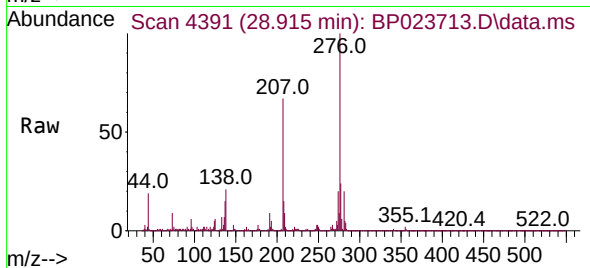
277 23.6 19.2 28.8

Manual Integrations

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#95

Dibenzo(a,h)anthracene

Concen: 18.984 ng/ul m

RT: 29.027 min Scan# 4410

Delta R.T. 0.059 min

Lab File: BP023713.D

Acq: 24 Jan 2025 12:49

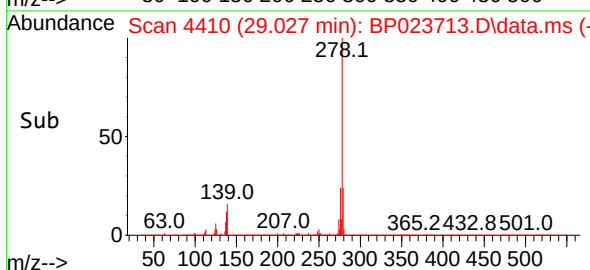
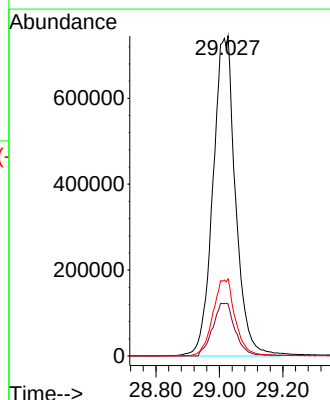
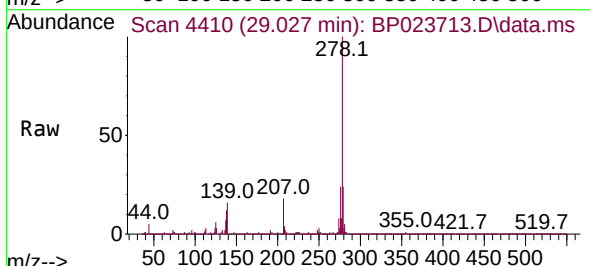
Tgt Ion:278 Resp: 3674724

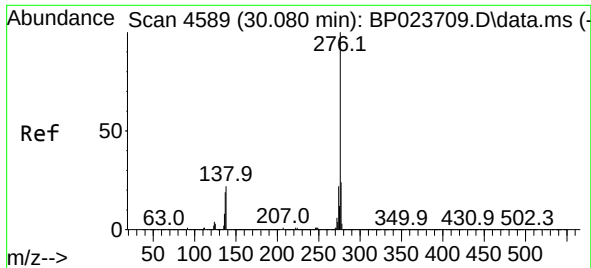
Ion Ratio Lower Upper

278 100

139 16.3 13.4 20.2

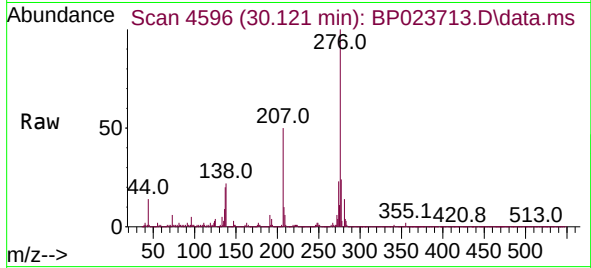
279 24.1 19.4 29.2





#96
 Benzo(g,h,i)perylene
 Concen: 6.794 ng/ul m
 RT: 30.121 min Scan# 4596
 Delta R.T. 0.053 min
 Lab File: BP023713.D
 Acq: 24 Jan 2025 12:49

Instrument :
 BNA_P
 ClientSampleId :
 XA173DL



Tgt Ion:276 Resp: 1245428
 Ion Ratio Lower Upper
 276 100
 138 22.2 18.5 27.7
 277 23.6 19.0 28.6

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