

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030625\
 Data File : BF141876.D
 Acq On : 06 Mar 2025 18:58
 Operator : RC/JU
 Sample : Q1492-01MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RHL1PXIMSD

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 03/07/2025
 Supervised By :Jagrut Upadhyay 03/07/2025

Quant Time: Mar 07 00:20:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 28 01:48:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	165879	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	641339	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	343104	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	535087	20.000	ng	0.00
76) Chrysene-d12	14.045	240	408916	20.000	ng	0.00
86) Perylene-d12	15.521	264	392870	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1053716	101.446	ng	0.00
7) Phenol-d6	6.510	99	1349756	99.837	ng	0.00
23) Nitrobenzene-d5	7.445	82	885873	88.292	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	412077	127.930	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1701534	79.519	ng	0.00
79) Terphenyl-d14	12.992	244	1738196	68.774	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.722	88	189030	40.108	ng	96
3) Pyridine	3.493	79	439346	37.466	ng	96
4) n-Nitrosodimethylamine	3.428	42	225946	40.044	ng	# 95
6) Aniline	6.545	93	263363	18.738	ng	98
8) 2-Chlorophenol	6.669	128	496022	44.145	ng	95
9) Benzaldehyde	6.434	77	172920	21.989	ng	98
10) Phenol	6.522	94	595810	41.241	ng	99
11) bis(2-Chloroethyl)ether	6.622	93	448513	40.728	ng	95
12) 1,3-Dichlorobenzene	6.828	146	527851	43.866	ng	99
13) 1,4-Dichlorobenzene	6.904	146	525467	43.339	ng	100
14) 1,2-Dichlorobenzene	7.057	146	502115	44.349	ng	99
15) Benzyl Alcohol	7.022	79	439921	40.715	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	556085	33.251	ng	95
17) 2-Methylphenol	7.134	107	393992	42.480	ng	99
18) Hexachloroethane	7.398	117	195738	43.133	ng	98
19) n-Nitroso-di-n-propyla...	7.293	70	335961	37.803	ng	98
20) 3+4-Methylphenols	7.281	107	498449	43.160	ng	95
22) Acetophenone	7.293	105	735580	47.093	ng	99
24) Nitrobenzene	7.463	77	517248	48.141	ng	99
25) Isophorone	7.704	82	922364	42.790	ng	99
26) 2-Nitrophenol	7.781	139	253903	52.435	ng	97
27) 2,4-Dimethylphenol	7.816	122	418965	52.875	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	547974	39.852	ng	99
29) 2,4-Dichlorophenol	8.016	162	406039	44.420	ng	100
30) 1,2,4-Trichlorobenzene	8.104	180	440747	44.002	ng	100
31) Naphthalene	8.187	128	1426633	43.281	ng	99
32) Benzoic acid	7.922	122	297673	45.490	ng	97
33) 4-Chloroaniline	8.234	127	98459	8.147	ng	98
34) Hexachlorobutadiene	8.304	225	284215	45.662	ng	99
35) Caprolactam	8.598	113	130837m	46.527	ng	
36) 4-Chloro-3-methylphenol	8.710	107	437995	43.133	ng	99
37) 2-Methylnaphthalene	8.881	142	895702	41.429	ng	100
38) 1-Methylnaphthalene	8.981	142	871992	42.033	ng	98
40) 1,2,4,5-Tetrachloroben...	9.045	216	501259	50.585	ng	99
41) Hexachlorocyclopentadiene	9.034	237	621666	150.328	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	293240	45.812	ng	99

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 Misc :
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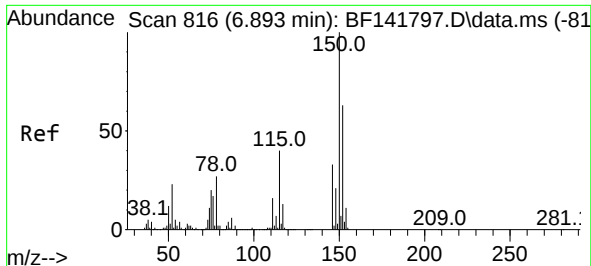
Manual Integrations
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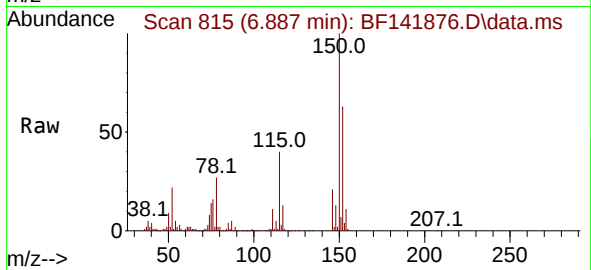
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	302356	47.702	ng	98
46) 1,1'-Biphenyl	9.345	154	1284202	49.174	ng	98
47) 2-Chloronaphthalene	9.369	162	873028	45.293	ng	99
48) 2-Nitroaniline	9.457	65	270419	50.959	ng	97
49) Acenaphthylene	9.781	152	1310365	45.342	ng	100
50) Dimethylphthalate	9.639	163	1047770	45.601	ng	100
51) 2,6-Dinitrotoluene	9.698	165	218549	49.620	ng	97
52) Acenaphthene	9.957	154	940623	48.237	ng	99
53) 3-Nitroaniline	9.869	138	123441	27.702	ng	# 92
54) 2,4-Dinitrophenol	9.975	184	175151	84.922	ng	# 1
55) Dibenzofuran	10.128	168	1220355	42.997	ng	100
56) 4-Nitrophenol	10.022	139	345342	101.763	ng	97
57) 2,4-Dinitrotoluene	10.104	165	287461	53.135	ng	91
58) Fluorene	10.469	166	943758	44.391	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	252533	45.810	ng	99
60) Diethylphthalate	10.339	149	1012899	43.974	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	479447	45.010	ng	99
62) 4-Nitroaniline	10.481	138	173517	44.221	ng	98
63) Azobenzene	10.622	77	1021007	42.098	ng	95
65) 4,6-Dinitro-2-methylph...	10.510	198	112730	45.291	ng	89
66) n-Nitrosodiphenylamine	10.581	169	822515	46.813	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	294514	47.122	ng	99
68) Hexachlorobenzene	11.016	284	325688	49.348	ng	98
69) Atrazine	11.104	200	310940	64.353	ng	100
70) Pentachlorophenol	11.210	266	399912	95.539	ng	99
71) Phenanthrene	11.433	178	1307483	45.681	ng	100
72) Anthracene	11.480	178	1306433	45.543	ng	99
73) Carbazole	11.633	167	1115639	44.042	ng	99
74) Di-n-butylphthalate	11.969	149	1414226	44.044	ng	99
75) Fluoranthene	12.616	202	1276768	43.534	ng	97
78) Pyrene	12.845	202	1302226	36.776	ng	99
80) Butylbenzylphthalate	13.469	149	536612	41.711	ng	98
81) Benzo(a)anthracene	14.039	228	1209514	44.781	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	20307	2.621	ng	# 87
83) Chrysene	14.074	228	1084992	43.577	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	725244	45.274	ng	99
85) Di-n-octyl phthalate	14.639	149	1216781	50.737	ng	96
87) Indeno(1,2,3-cd)pyrene	17.015	276	1066521	42.632	ng	95
88) Benzo(b)fluoranthene	15.092	252	1168709	43.672	ng	99
89) Benzo(k)fluoranthene	15.121	252	1105159	48.587	ng	99
90) Benzo(a)pyrene	15.463	252	1023157	47.673	ng	99
91) Dibenzo(a,h)anthracene	17.033	278	901828	44.164	ng	97
92) Benzo(g,h,i)perylene	17.462	276	791785	37.849	ng	96

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 816
 Delta R.T. -0.006 min
 Lab File: BF141876.D
 Acq: 06 Mar 2025 18:58

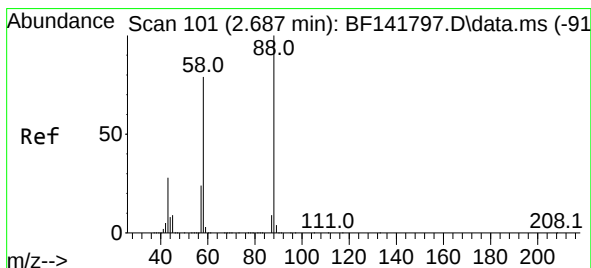
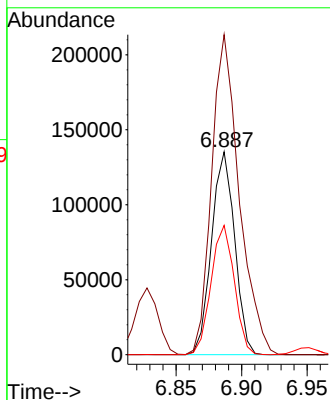
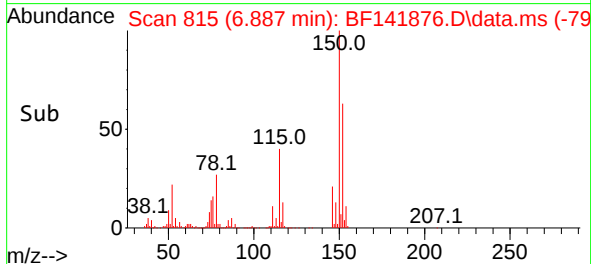
Instrument :
 BNA_F
 ClientSampleId :
 RHL1PXIMSD



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 Ion Ratio Lower Upper
 152 100
 150 157.7 127.5 191.3
 115 63.7 51.4 77.2

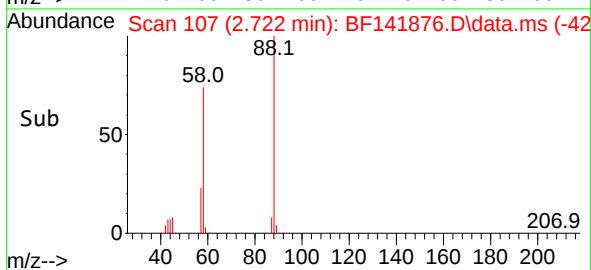
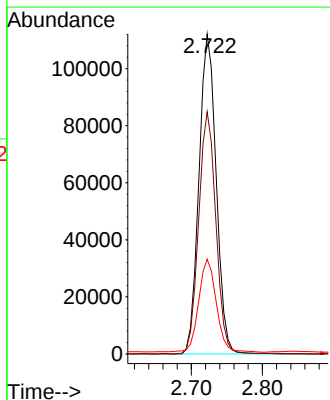
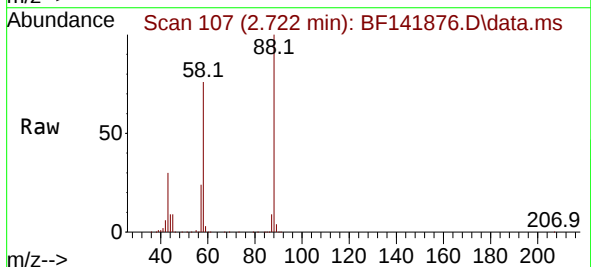
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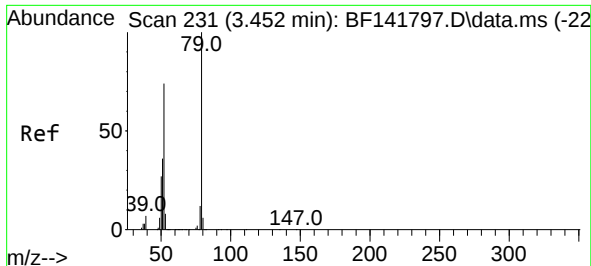
Reviewed By :Anahy Claudio 03/07/2025
 Supervised By :Jagrut Upadhyay 03/07/2025



#2
 1,4-Dioxane
 Concen: 40.108 ng
 RT: 2.722 min Scan# 107
 Delta R.T. 0.035 min
 Lab File: BF141876.D
 Acq: 06 Mar 2025 18:58

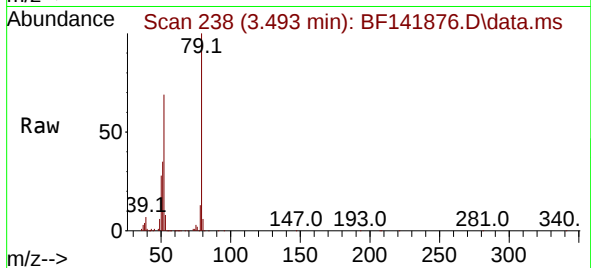
Tgt Ion: 88 Resp: 189030
 Ion Ratio Lower Upper
 88 100
 58 75.9 63.9 95.9
 43 29.9 23.0 34.6





#3
Pyridine
Concen: 37.466 ng
RT: 3.493 min Scan# 21
Delta R.T. 0.041 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

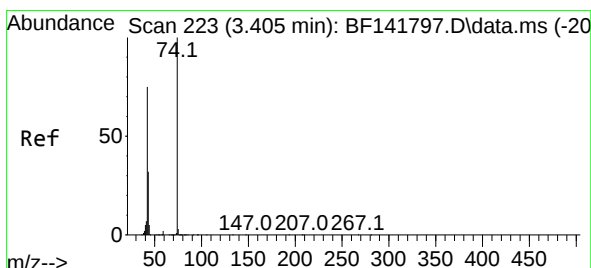
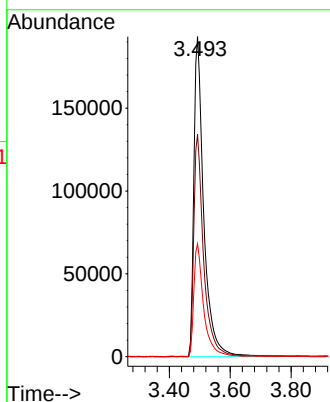
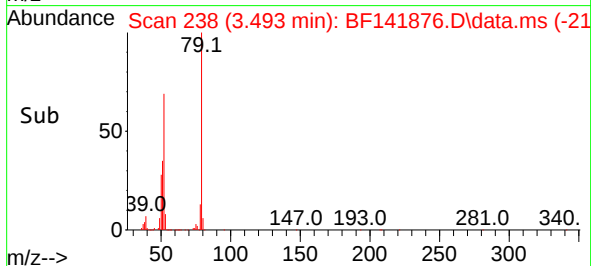
Instrument :
BNA_F
ClientSampleId :
RHL1PXIMSD



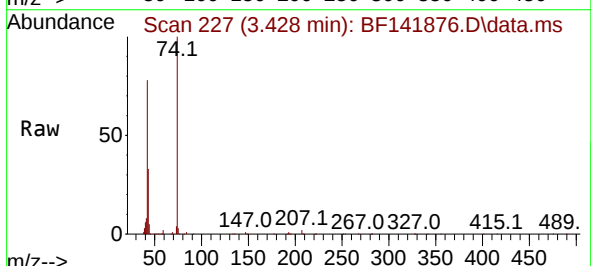
Tgt Ion: 79 Resp: 439340
Ion Ratio Lower Upper
79 100
52 69.5 59.0 88.4
51 35.3 29.0 43.4

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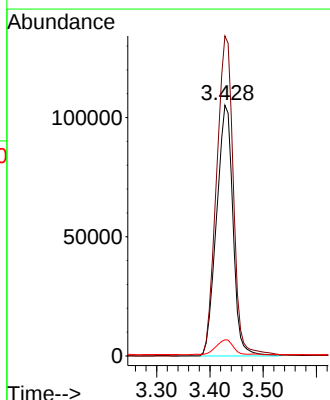
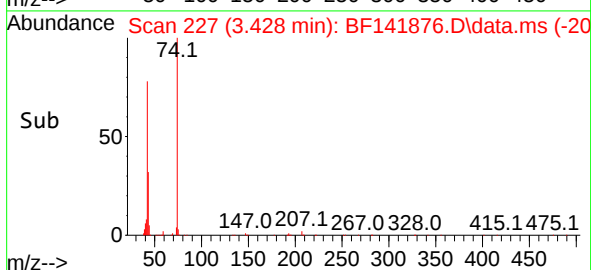
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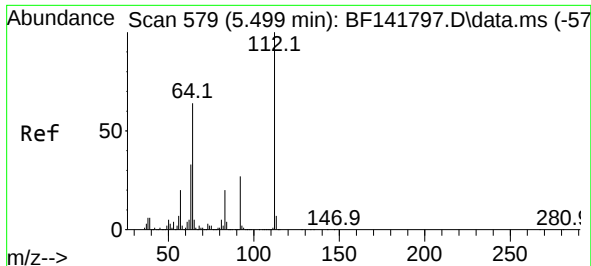


#4
n-Nitrosodimethylamine
Concen: 40.044 ng
RT: 3.428 min Scan# 227
Delta R.T. 0.023 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58



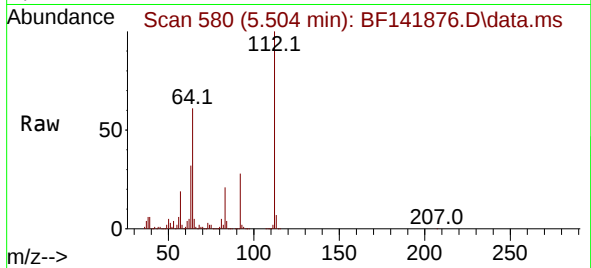
Tgt Ion: 42 Resp: 225946
Ion Ratio Lower Upper
42 100
74 127.6 107.1 160.7
44 6.5 6.6 9.8#





#5
2-Fluorophenol
Concen: 101.446 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

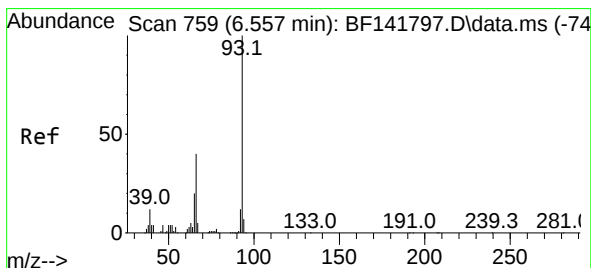
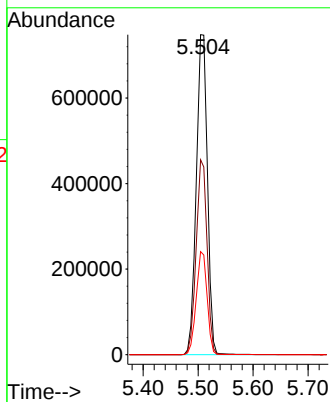
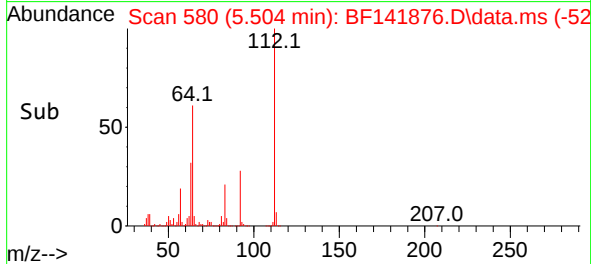
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Tgt Ion: 112 Resp: 1053710
Ion Ratio Lower Upper
112 100
64 60.9 51.3 76.9
63 32.2 26.2 39.4

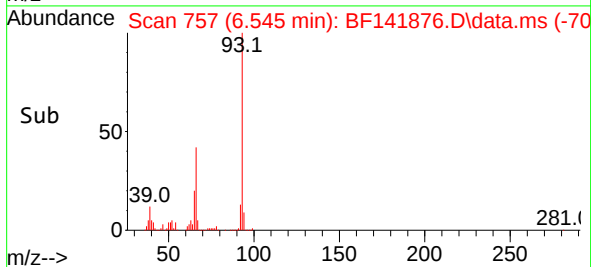
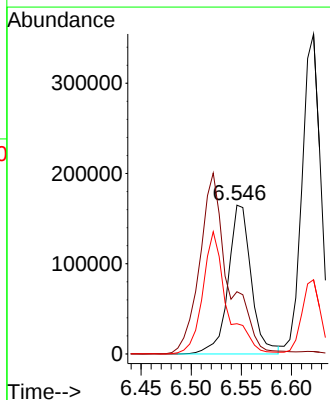
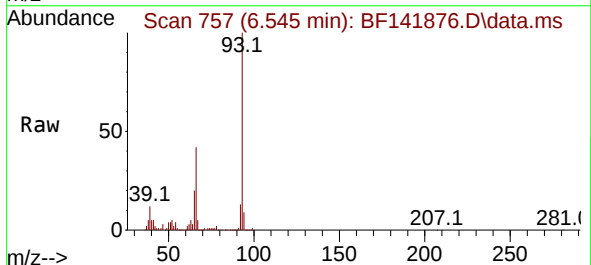
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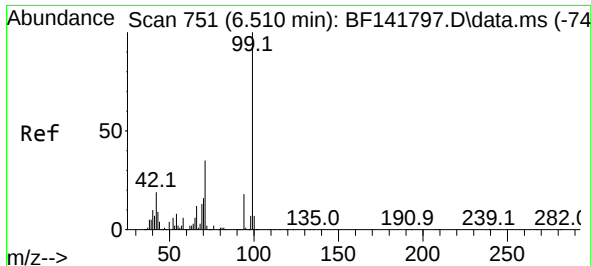
Reviewed By :Anahy Claudio 03/07/2025
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#6
Aniline
Concen: 18.738 ng
RT: 6.545 min Scan# 757
Delta R.T. -0.012 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

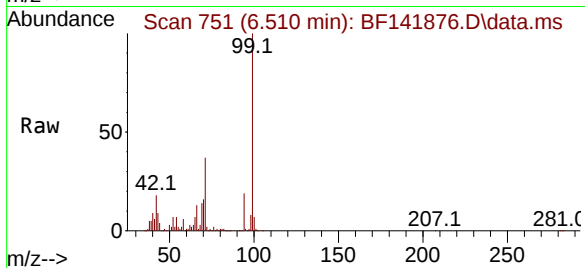
Tgt Ion: 93 Resp: 263363
Ion Ratio Lower Upper
93 100
66 41.8 32.3 48.5
65 20.3 15.9 23.9





#7
Phenol-d6
Concen: 99.837 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

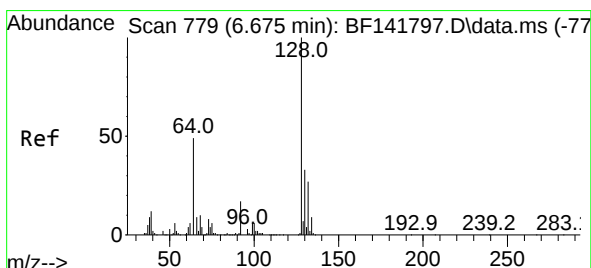
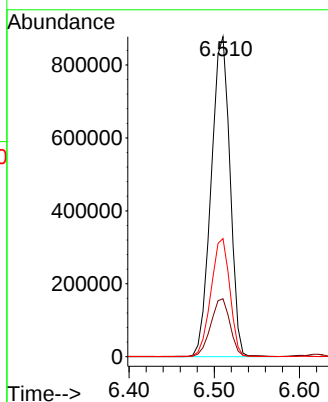
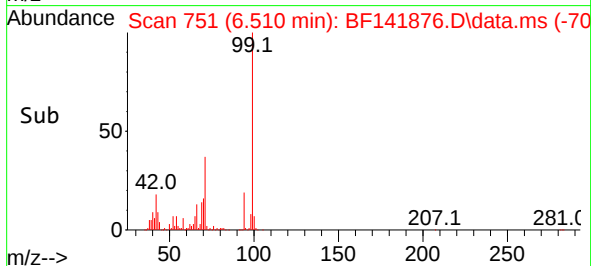
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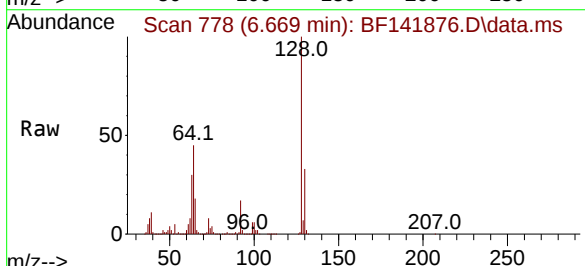
Tgt Ion: 99 Resp: 1349750
Ion Ratio Lower Upper
99 100
42 18.1 15.2 22.8
71 36.9 28.2 42.2

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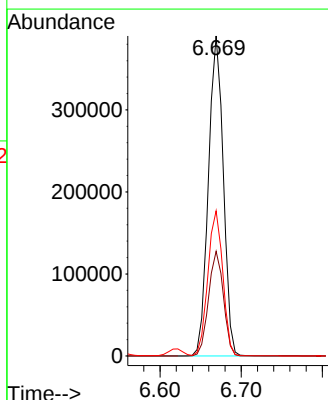
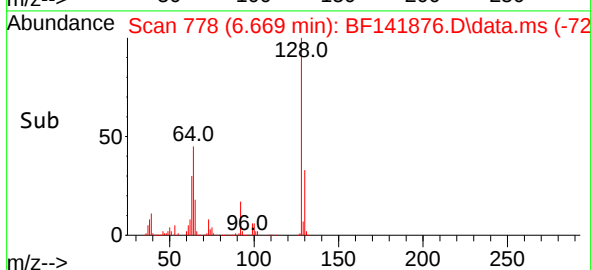
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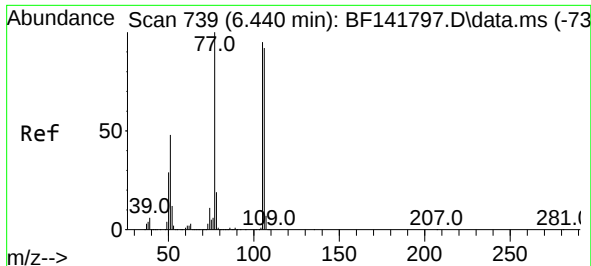


#8
2-Chlorophenol
Concen: 44.145 ng
RT: 6.669 min Scan# 778
Delta R.T. -0.006 min
Lab File: BF141876.D
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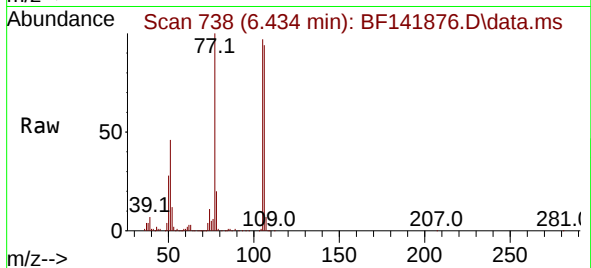
Tgt Ion:128 Resp: 496022
Ion Ratio Lower Upper
128 100
130 32.7 12.6 52.6
64 45.3 31.1 71.1





#9
Benzaldehyde
Concen: 21.989 ng
RT: 6.434 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

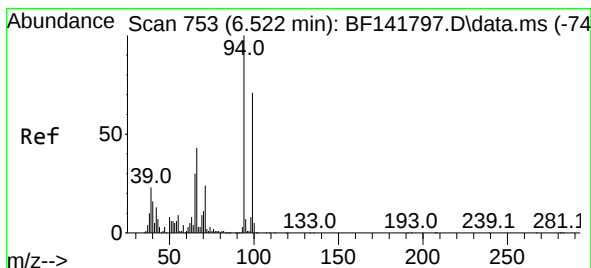
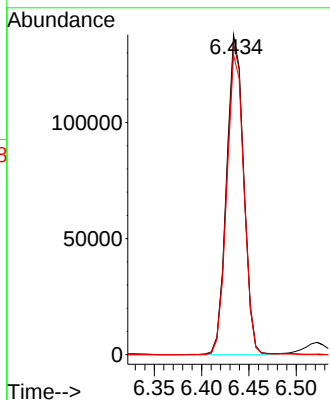
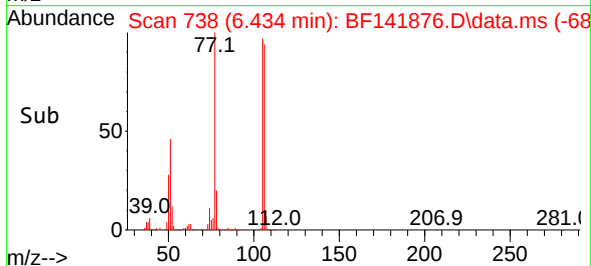
Instrument :
BNA_F
ClientSampleId :
RHL1PXIMSD



Tgt Ion: 77 Resp: 172920
Ion Ratio Lower Upper
77 100
105 97.3 75.3 115.3
106 93.7 72.3 112.3

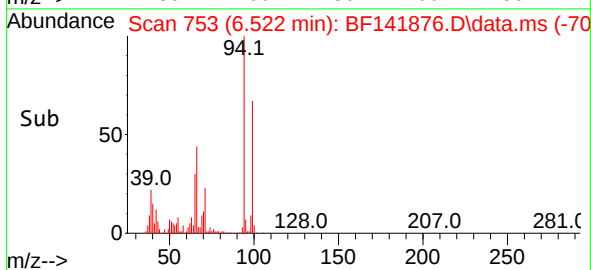
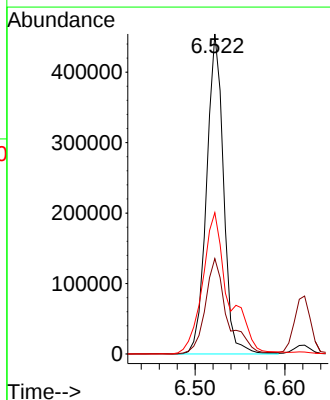
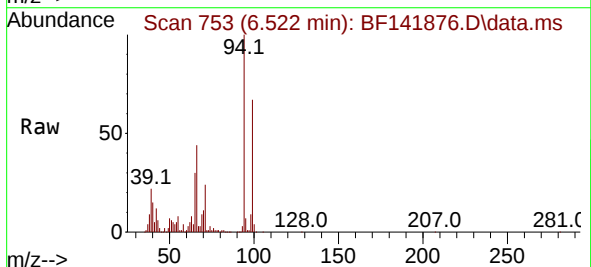
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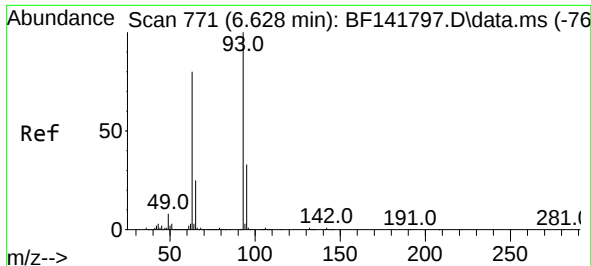
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025



#10
Phenol
Concen: 41.241 ng
RT: 6.522 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

Tgt Ion: 94 Resp: 595810
Ion Ratio Lower Upper
94 100
65 29.8 10.2 50.2
66 44.1 23.2 63.2





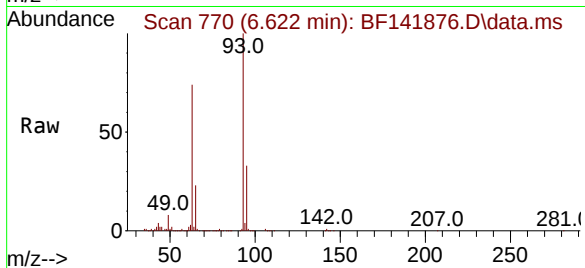
#11
bis(2-Chloroethyl)ether
Concen: 40.728 ng
RT: 6.622 min Scan# 771
Delta R.T. -0.006 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

Instrument :

BNA_F

ClientSampleId :

RHL1PXIMSD

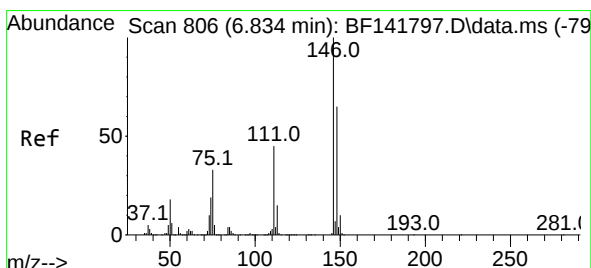
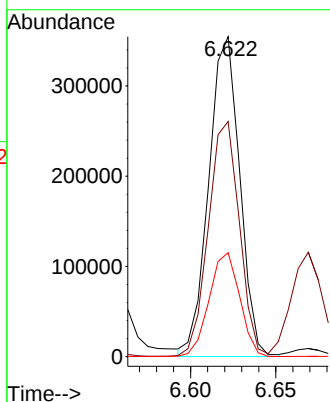
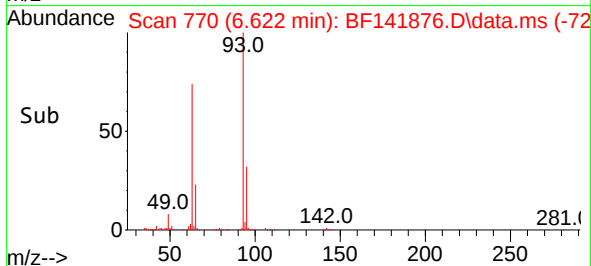


Tgt Ion: 93 Resp: 448511
Ion Ratio Lower Upper
93 100
63 73.5 59.3 99.3
95 32.5 13.2 53.2

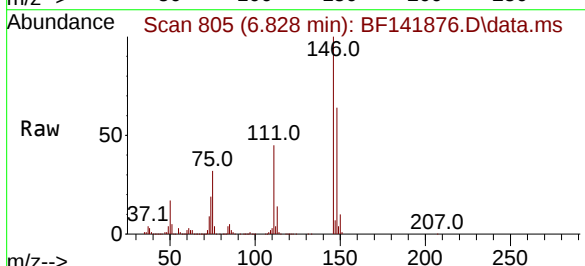
Manual Integrations

APPROVED

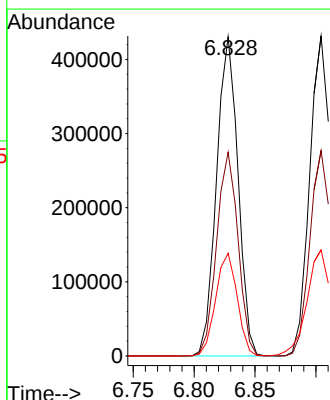
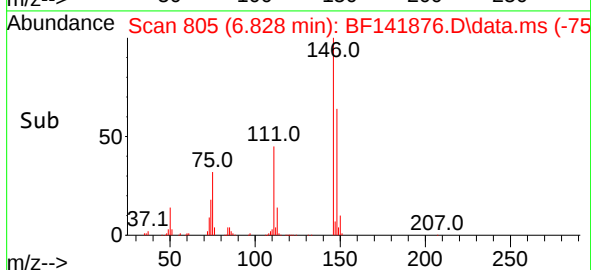
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025

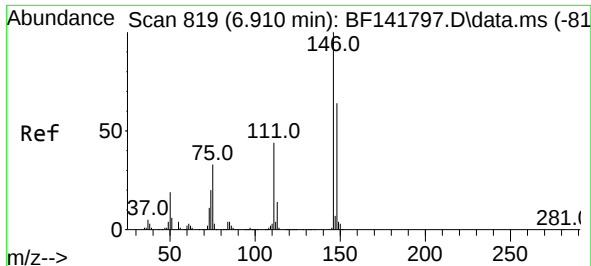


#12
1,3-Dichlorobenzene
Concen: 43.866 ng
RT: 6.828 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58



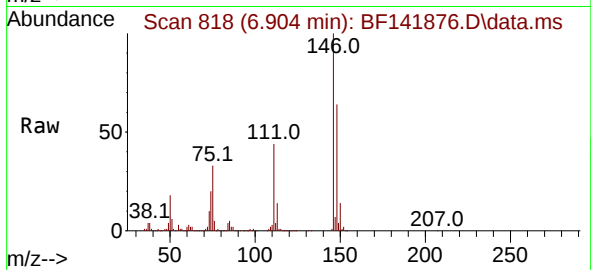
Tgt Ion:146 Resp: 527851
Ion Ratio Lower Upper
146 100
148 63.8 51.8 77.6
75 32.2 26.2 39.4





#13
1,4-Dichlorobenzene
Concen: 43.339 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

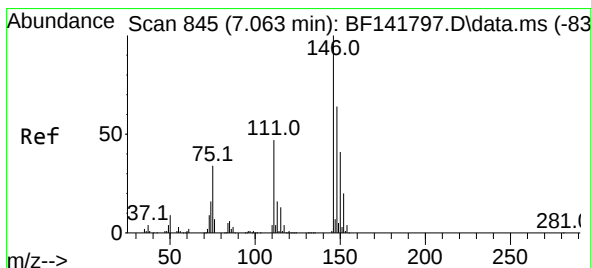
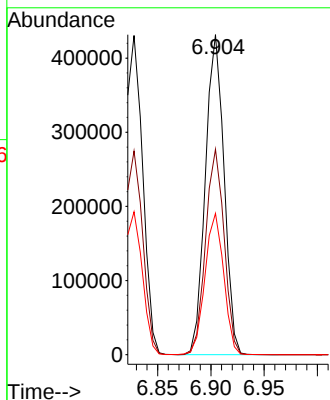
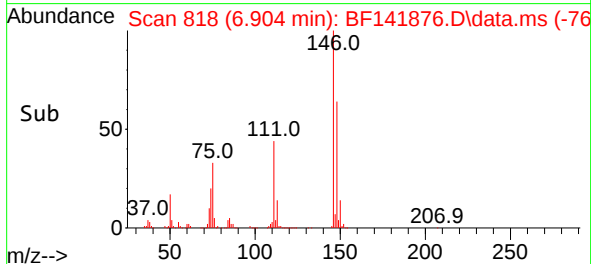
Instrument :
BNA_F
ClientSampleId :
RHL1PXIMSD



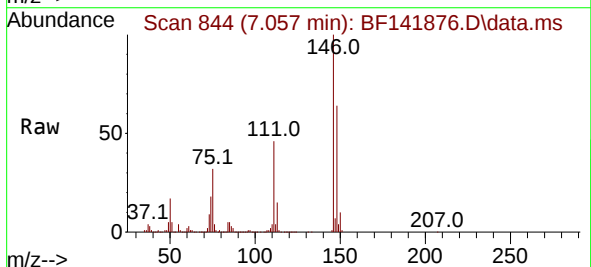
Tgt Ion:146 Resp: 52546
Ion Ratio Lower Upper
146 100
148 64.2 51.4 77.2
111 44.1 35.5 53.3

Manual Integrations
APPROVED

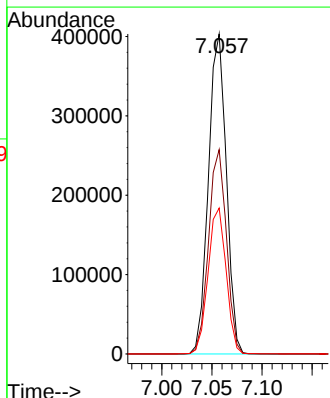
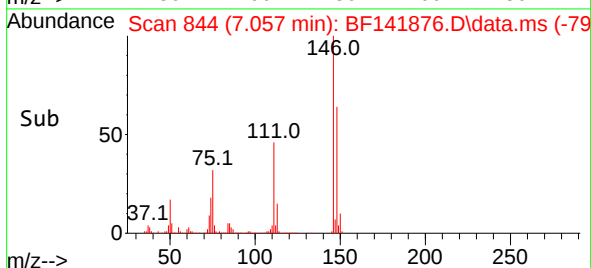
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025

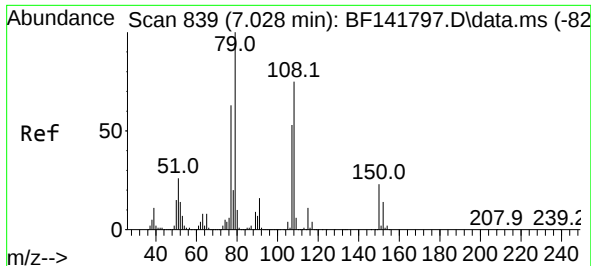


#14
1,2-Dichlorobenzene
Concen: 44.349 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58



Tgt Ion:146 Resp: 502115
Ion Ratio Lower Upper
146 100
148 63.8 51.2 76.8
111 45.6 37.8 56.6





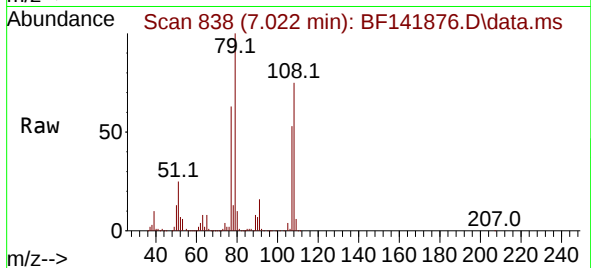
#15
Benzyl Alcohol
Concen: 40.715 ng
RT: 7.022 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

Instrument :

BNA_F

ClientSampleId :

RHL1PXIMSD

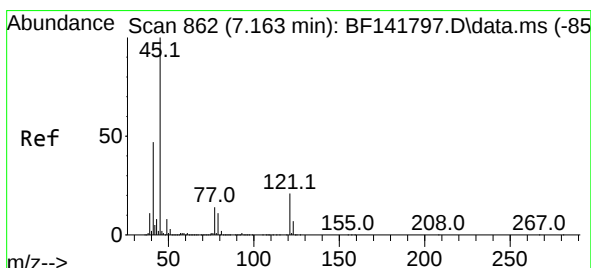
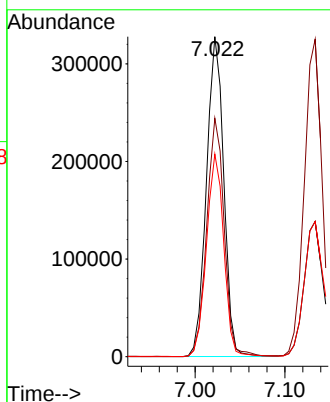
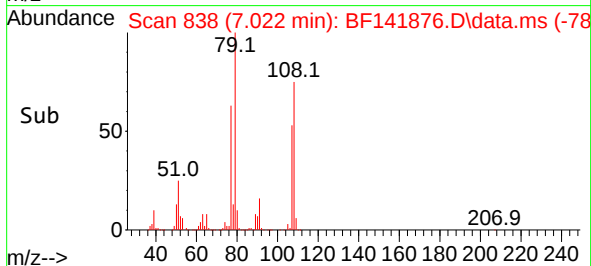


Tgt Ion: 79 Resp: 43992
Ion Ratio Lower Upper
79 100
108 74.5 60.2 90.2
77 63.3 50.2 75.2

Manual Integrations

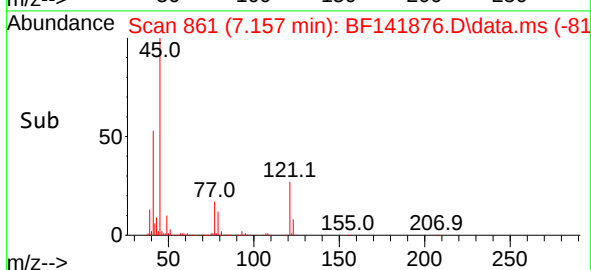
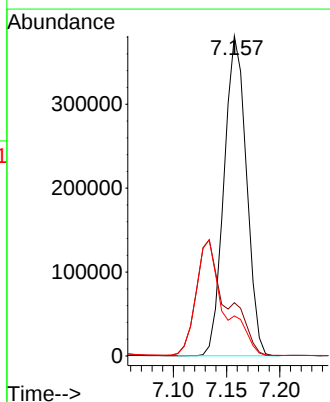
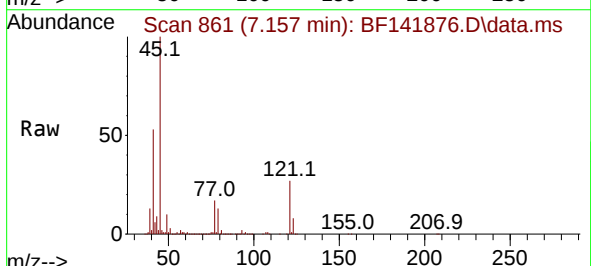
APPROVED

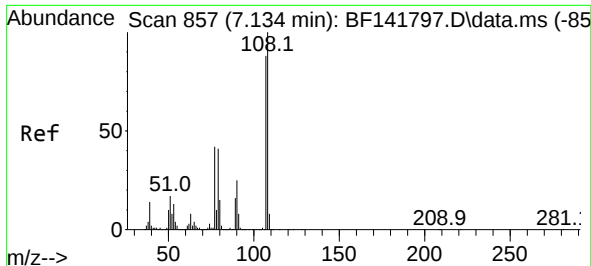
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.251 ng
RT: 7.157 min Scan# 861
Delta R.T. -0.006 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

Tgt Ion: 45 Resp: 556085
Ion Ratio Lower Upper
45 100
77 16.6 0.0 34.4
79 12.5 0.0 30.9





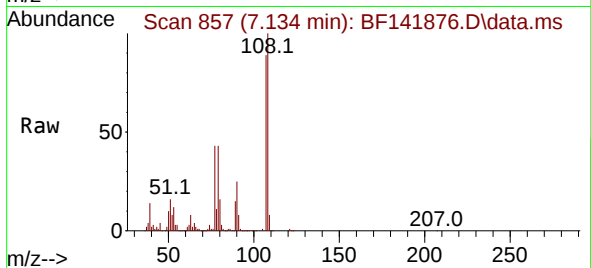
#17
2-Methylphenol
Concen: 42.480 ng
RT: 7.134 min Scan# 857
Delta R.T. -0.000 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

Instrument :

BNA_F

ClientSampleId :

RHL1PXIMSD

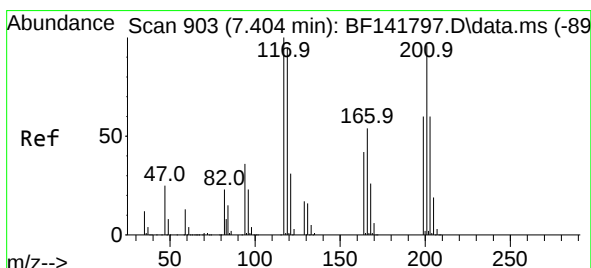
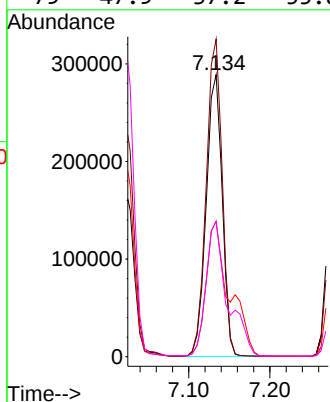
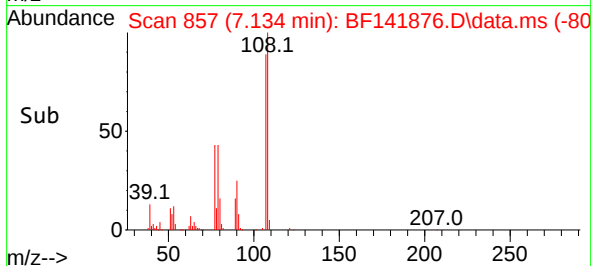


Tgt Ion:107 Resp: 393992
Ion Ratio Lower Upper
107 100
108 112.6 90.6 135.8
77 47.9 37.7 56.5
79 47.9 37.2 55.8

Manual Integrations

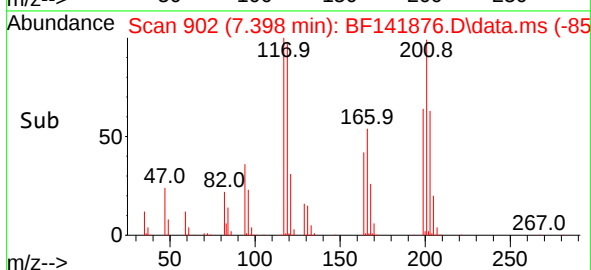
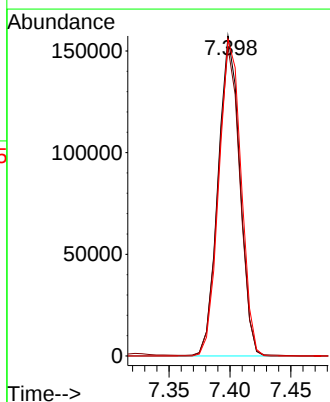
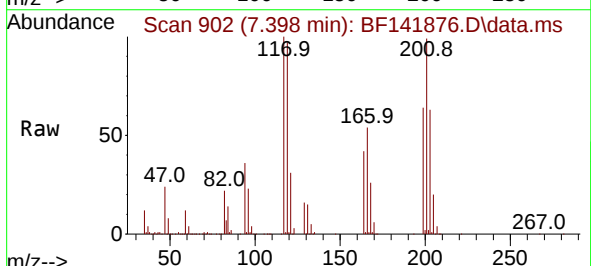
APPROVED

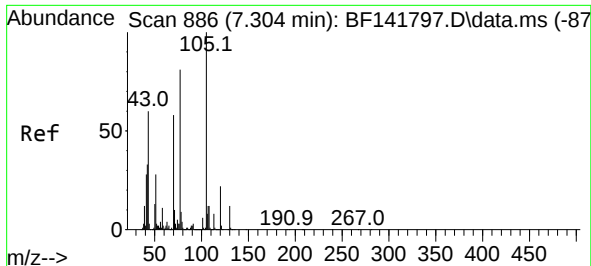
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025



#18
Hexachloroethane
Concen: 43.133 ng
RT: 7.398 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

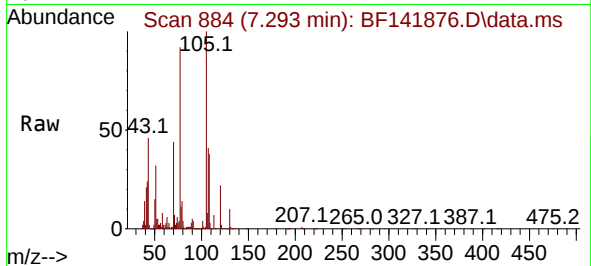
Tgt Ion:117 Resp: 195738
Ion Ratio Lower Upper
117 100
119 96.5 75.8 113.8
201 98.9 76.7 115.1





#19
n-Nitroso-di-n-propylamine
Concen: 37.803 ng
RT: 7.293 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

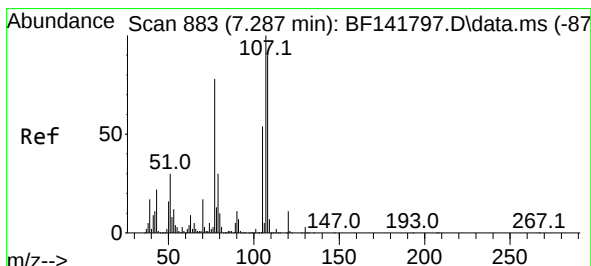
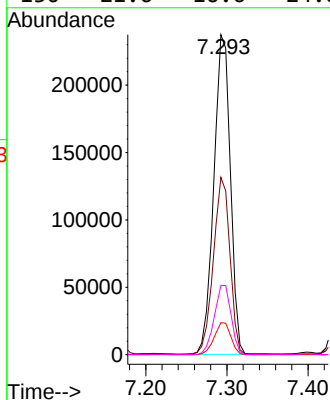
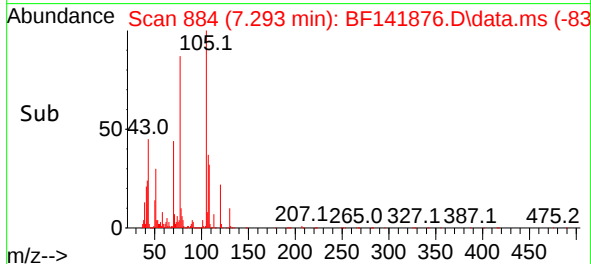
Instrument :
BNA_F
ClientSampleId :
RHL1PXIMSD



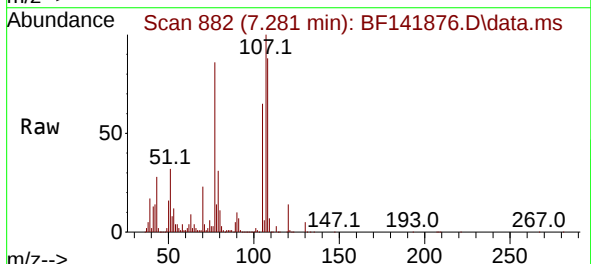
Tgt Ion: 70 Resp: 33596
Ion Ratio Lower Upper
70 100
42 55.4 45.4 68.0
101 10.0 7.8 11.8
130 21.6 16.6 24.8

Manual Integrations
APPROVED

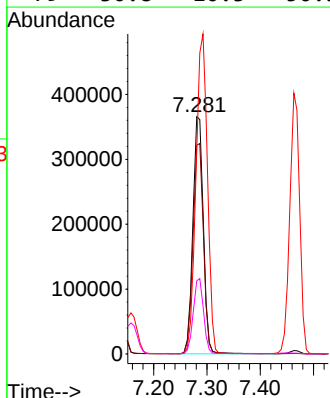
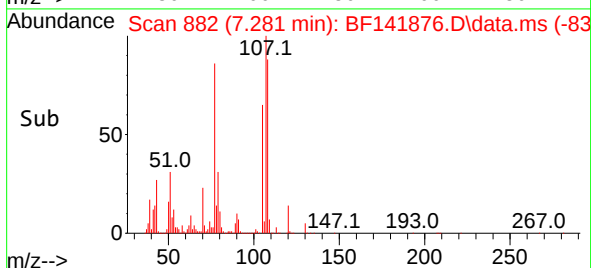
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025

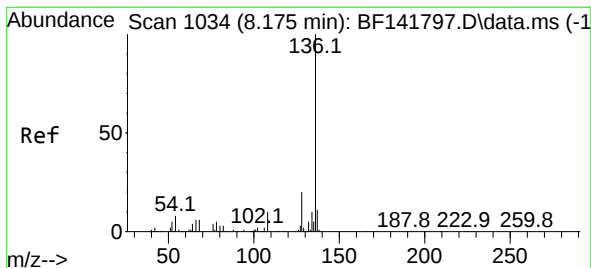


#20
3+4-Methylphenols
Concen: 43.160 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58



Tgt Ion:107 Resp: 498449
Ion Ratio Lower Upper
107 100
108 88.0 69.7 109.7
77 86.1 58.3 98.3
79 30.8 10.3 50.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 1033

Delta R.T. -0.006 min

Lab File: BF141876.D

Acq: 06 Mar 2025 18:58

Instrument :

BNA_F

ClientSampleId :

RHL1PXIMSD

Tgt Ion:136 Resp: 641339

Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.2 6.9 10.3

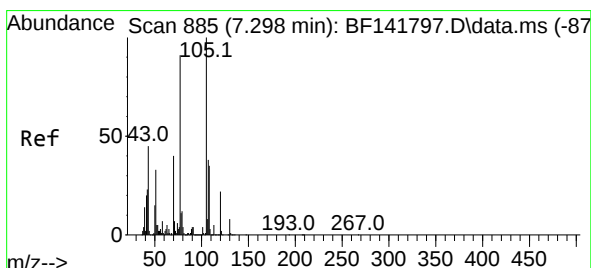
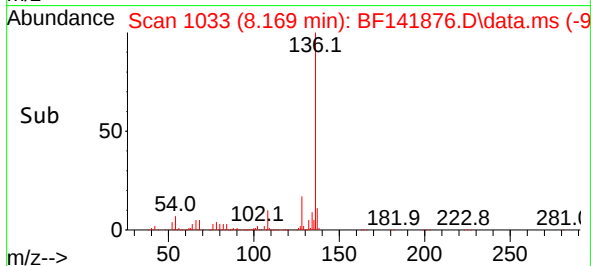
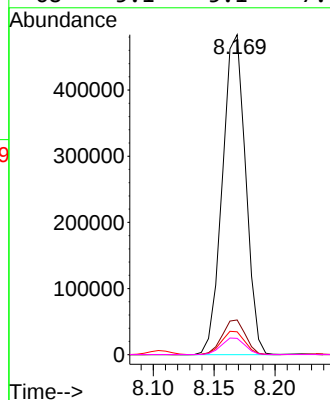
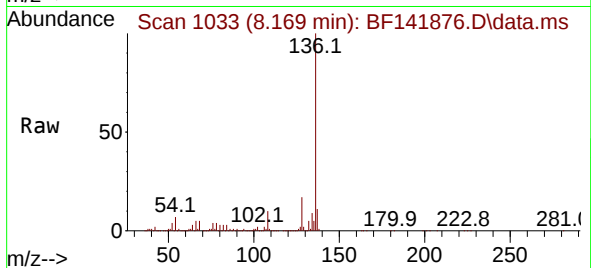
68 5.1 5.1 7.7#

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/07/2025

Supervised By :Jagrut Upadhyay 03/07/2025



#22

Acetophenone

Concen: 47.093 ng

RT: 7.293 min Scan# 884

Delta R.T. -0.006 min

Lab File: BF141876.D

Acq: 06 Mar 2025 18:58

Tgt Ion:105 Resp: 735580

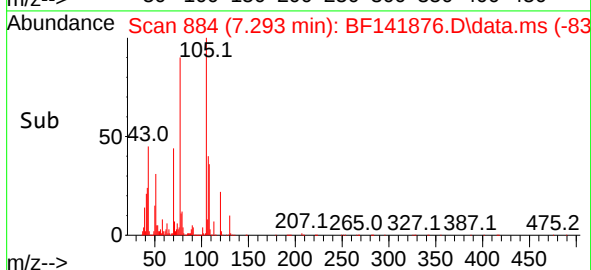
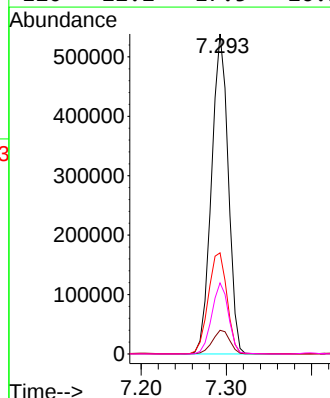
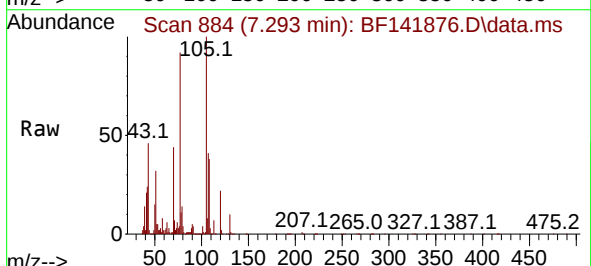
Ion Ratio Lower Upper

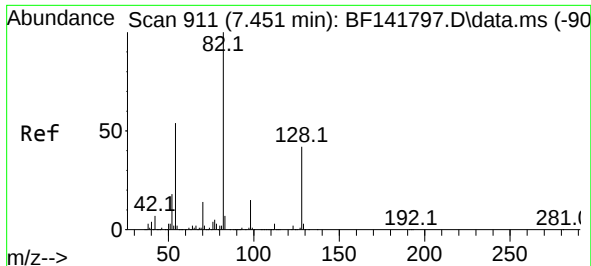
105 100

71 7.4 5.4 8.0

51 31.6 26.1 39.1

120 22.2 17.5 26.3





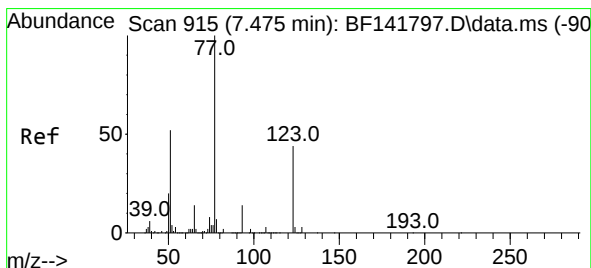
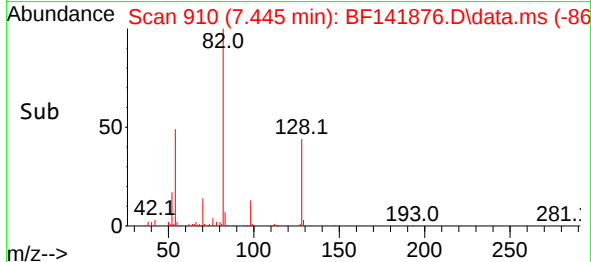
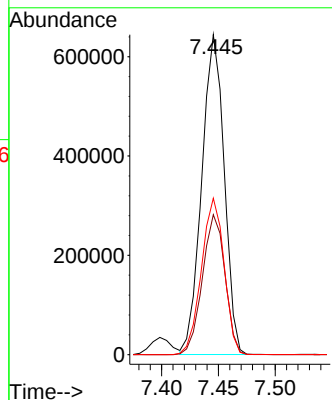
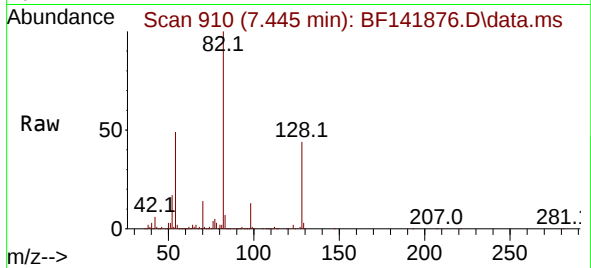
#23
Nitrobenzene-d5
Concen: 88.292 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

Instrument :
BNA_F
ClientSampleId :
RHL1PXIMSD

Tgt Ion: 82 Resp: 88587
Ion Ratio Lower Upper
82 100
128 43.8 33.5 50.3
54 48.9 42.7 64.1

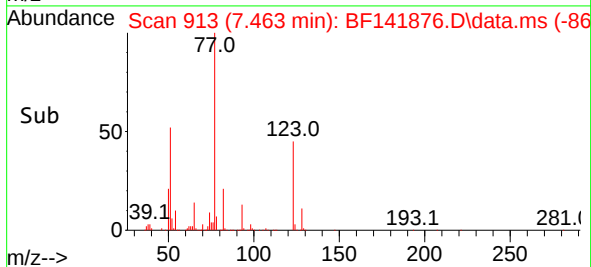
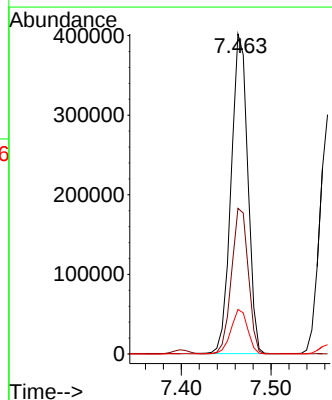
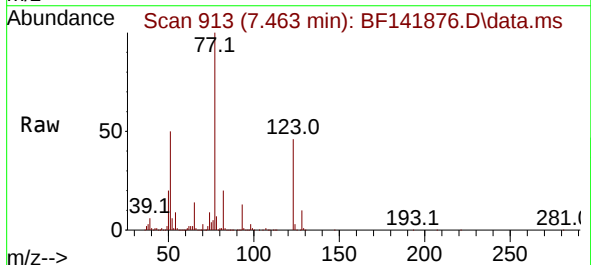
Manual Integrations
APPROVED

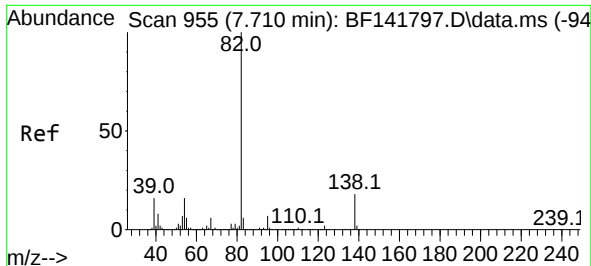
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025



#24
Nitrobenzene
Concen: 48.141 ng
RT: 7.463 min Scan# 913
Delta R.T. -0.012 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

Tgt Ion: 77 Resp: 517248
Ion Ratio Lower Upper
77 100
123 45.5 35.8 53.8
65 13.9 11.2 16.8





#25
Isophorone
Concen: 42.790 ng
RT: 7.704 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

Instrument :

BNA_F

ClientSampleId :

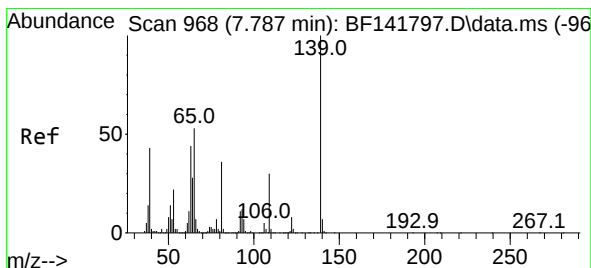
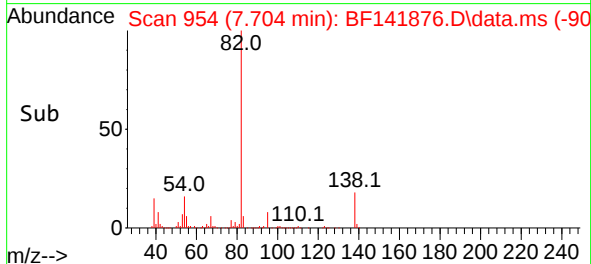
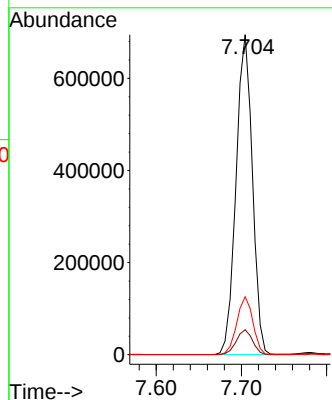
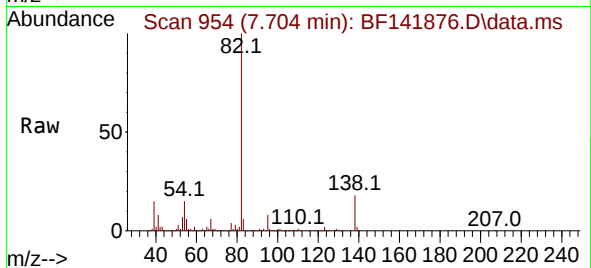
RHL1PXIMSD

Tgt Ion: 82 Resp: 922364
Ion Ratio Lower Upper
82 100
95 7.8 5.8 8.8
138 18.1 14.0 21.0

Manual Integrations

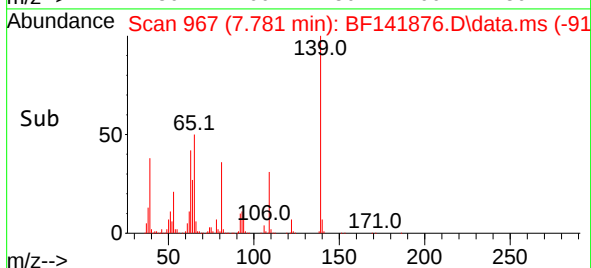
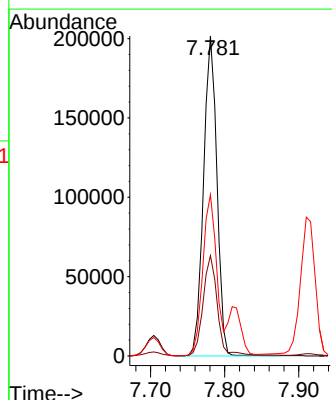
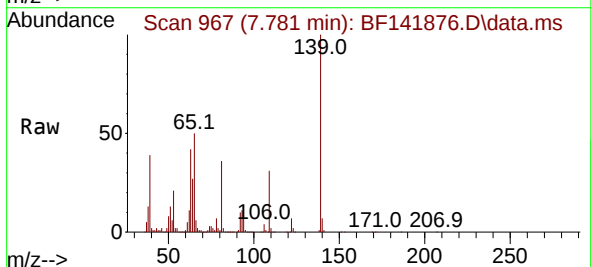
APPROVED

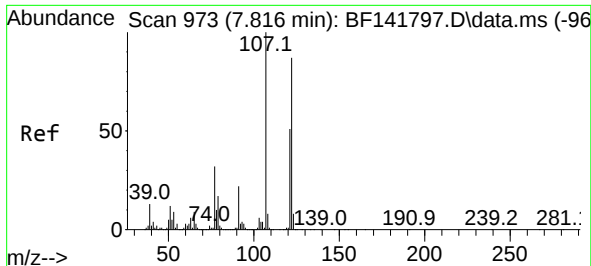
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025



#26
2-Nitrophenol
Concen: 52.435 ng
RT: 7.781 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

Tgt Ion:139 Resp: 253903
Ion Ratio Lower Upper
139 100
109 31.4 24.1 36.1
65 50.4 42.3 63.5





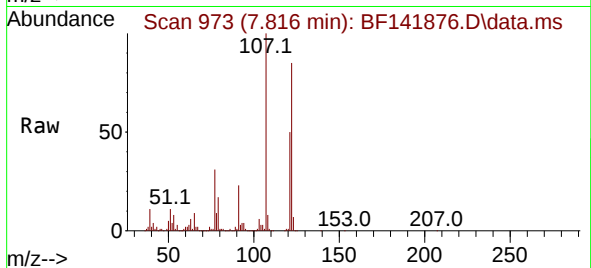
#27
2,4-Dimethylphenol
Concen: 52.875 ng
RT: 7.816 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

Instrument :

BNA_F

ClientSampleId :

RHL1PXIMSD

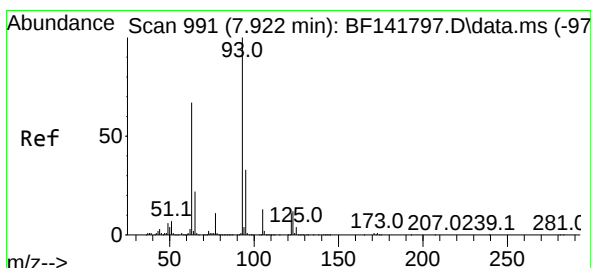
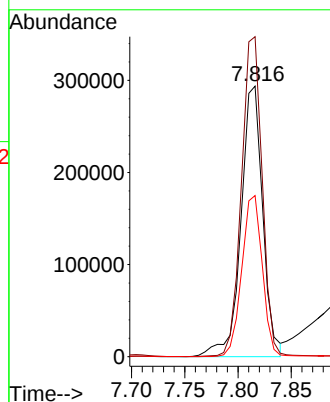
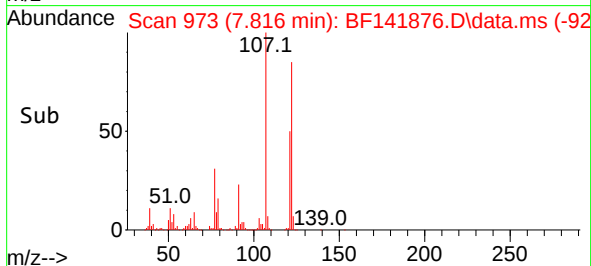


Tgt Ion:122 Resp: 41896
Ion Ratio Lower Upper
122 100
107 118.3 92.5 138.7
121 59.6 47.1 70.7

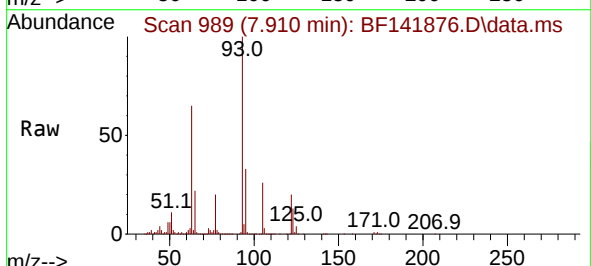
Manual Integrations

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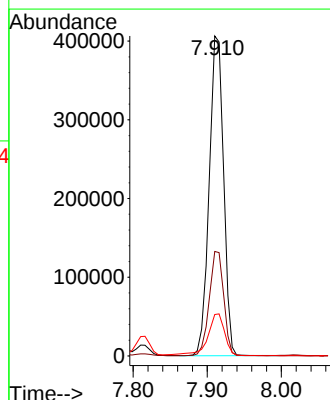
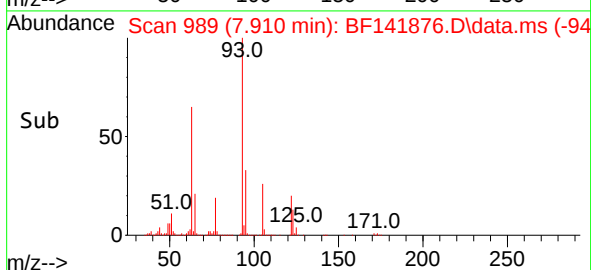
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025

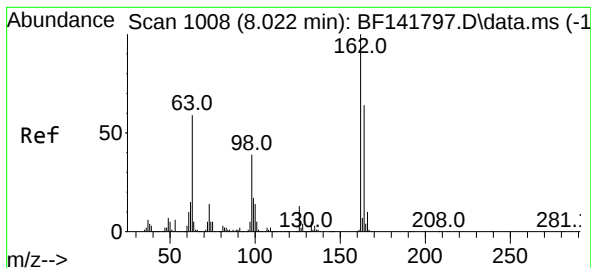


#28
bis(2-Chloroethoxy)methane
Concen: 39.852 ng
RT: 7.910 min Scan# 989
Delta R.T. -0.012 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58



Tgt Ion: 93 Resp: 547974
Ion Ratio Lower Upper
93 100
95 32.7 26.5 39.7
123 13.0 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 44.420 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BF141876.D

Acq: 06 Mar 2025 18:58

Instrument :

BNA_F

ClientSampleId :

RHL1PXIMSD

Tgt Ion:162 Resp: 406039

Ion Ratio Lower Upper

162 100

164 64.2 44.3 84.3

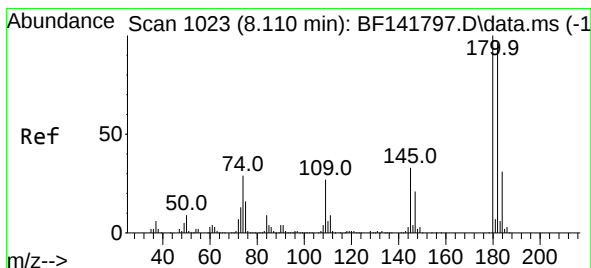
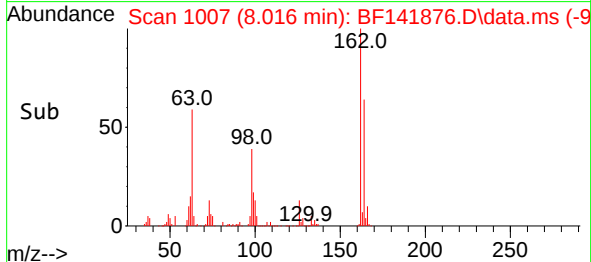
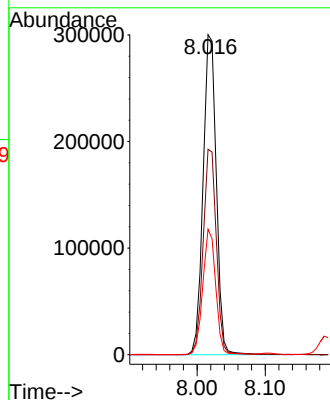
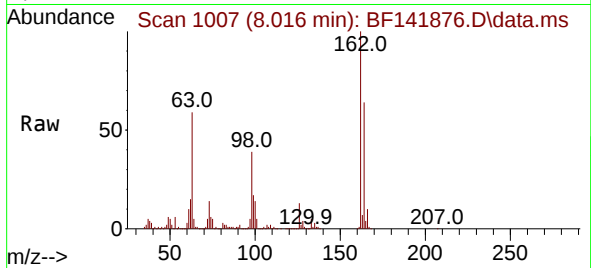
98 39.2 19.6 59.6

Manual Integrations

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Reviewed By :Anahy Claudio 03/07/2025

Supervised By :Jagrut Upadhyay 03/07/2025



#30

1,2,4-Trichlorobenzene

Concen: 44.002 ng

RT: 8.104 min Scan# 1022

Delta R.T. -0.006 min

Lab File: BF141876.D

Acq: 06 Mar 2025 18:58

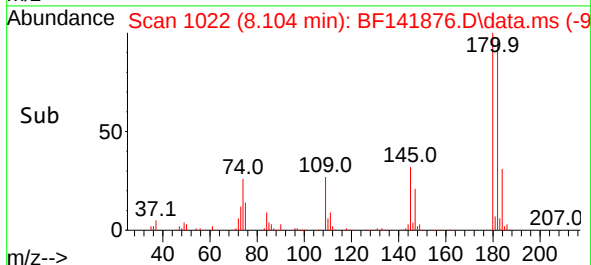
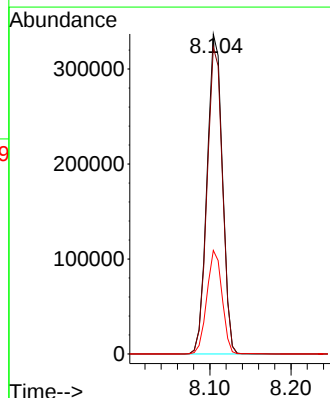
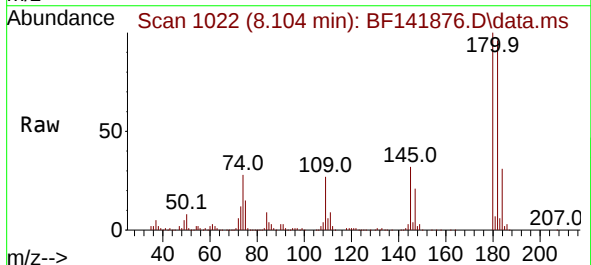
Tgt Ion:180 Resp: 440747

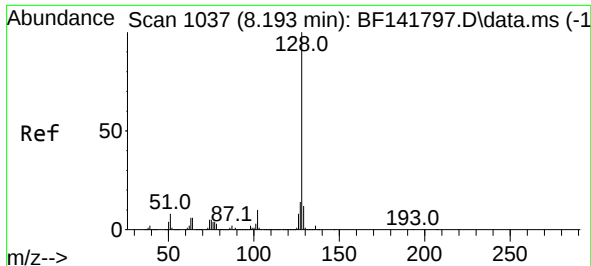
Ion Ratio Lower Upper

180 100

182 95.9 76.8 115.2

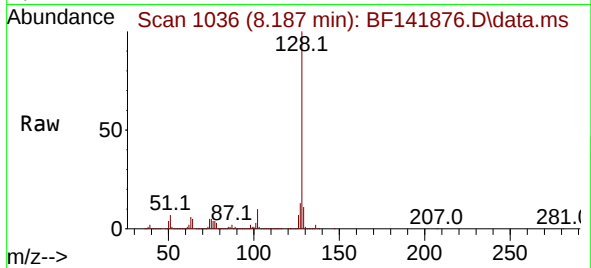
145 32.3 26.4 39.6





#31
Naphthalene
Concen: 43.281 ng
RT: 8.187 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

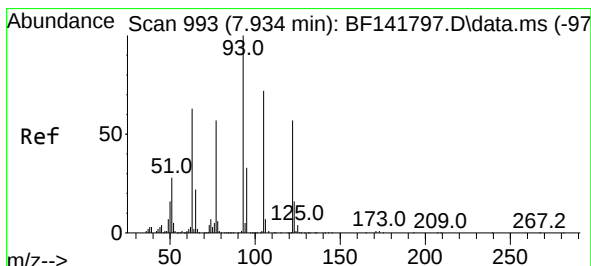
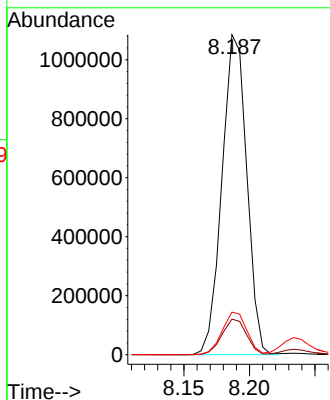
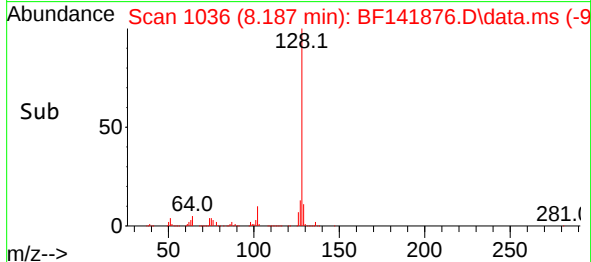
Instrument :
BNA_F
ClientSampleId :
RHL1PXIMSD



Tgt Ion:128 Resp: 142663
Ion Ratio Lower Upper
128 100
129 11.1 9.2 13.8
127 13.3 11.0 16.4

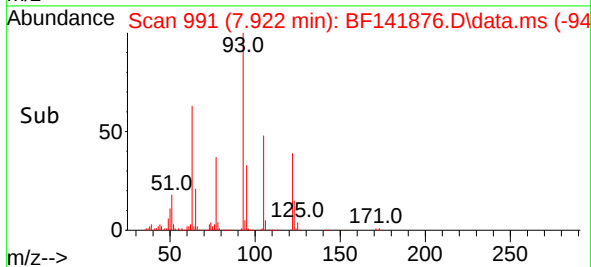
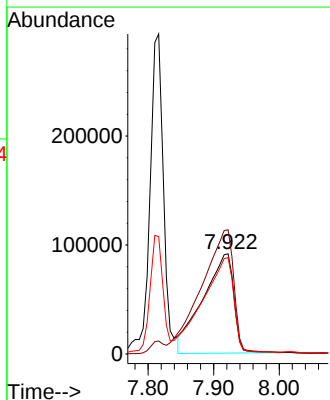
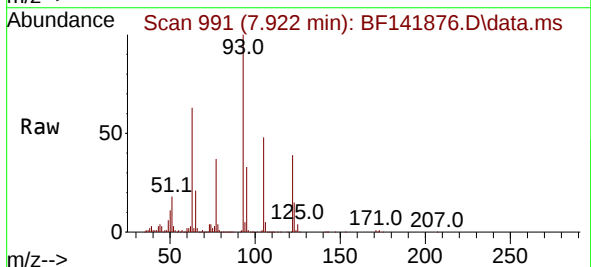
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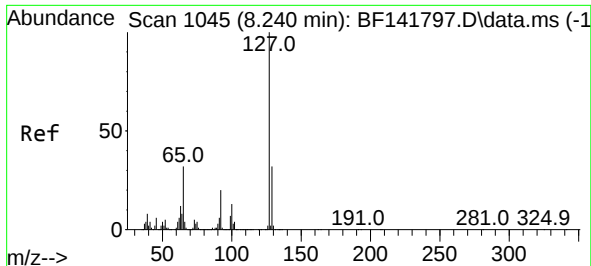
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025



#32
Benzoic acid
Concen: 45.490 ng
RT: 7.922 min Scan# 991
Delta R.T. -0.012 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

Tgt Ion:122 Resp: 297673
Ion Ratio Lower Upper
122 100
105 124.0 105.8 145.8
77 96.1 79.9 119.9





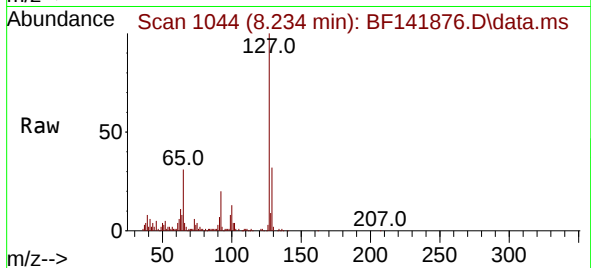
#33
4-Chloroaniline
Concen: 8.147 ng
RT: 8.234 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

Instrument :

BNA_F

ClientSampleId :

RHL1PXIMSD

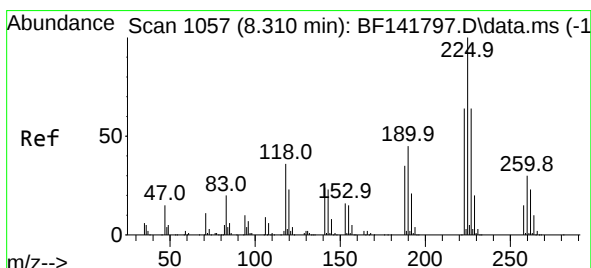
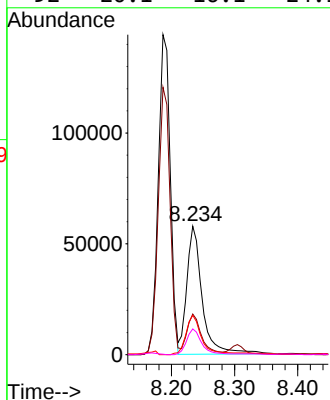
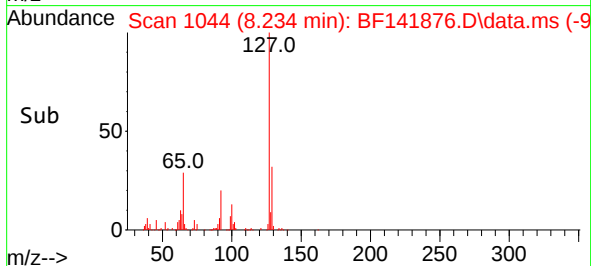


Tgt Ion:127 Resp: 98459
Ion Ratio Lower Upper
127 100
129 31.6 26.1 39.1
65 30.6 25.7 38.5
92 20.1 16.1 24.1

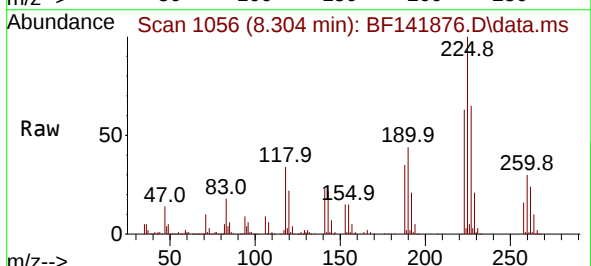
Manual Integrations

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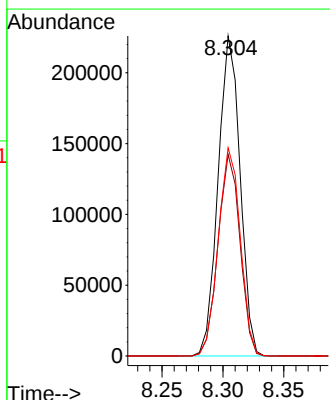
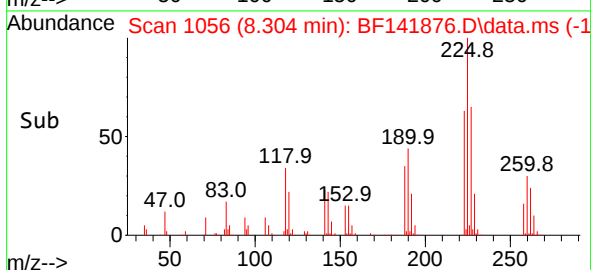
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025

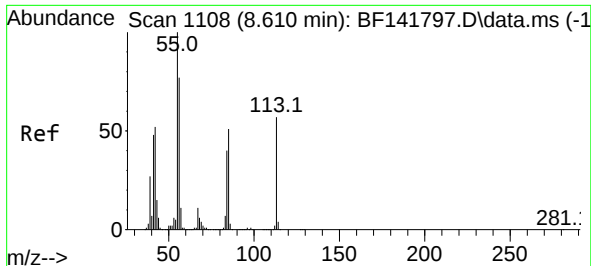


#34
Hexachlorobutadiene
Concen: 45.662 ng
RT: 8.304 min Scan# 1056
Delta R.T. -0.006 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58



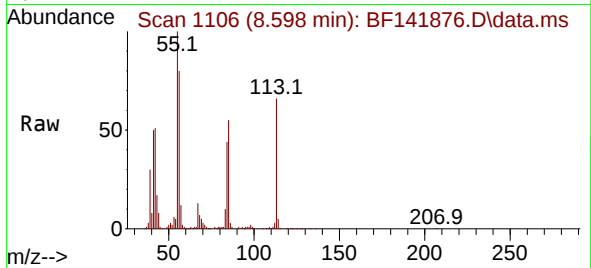
Tgt Ion:225 Resp: 284215
Ion Ratio Lower Upper
225 100
223 62.9 51.4 77.2
227 65.1 51.6 77.4





#35
 Caprolactam
 Concen: 46.527 ng m
 RT: 8.598 min Scan# 1106
 Delta R.T. -0.012 min
 Lab File: BF141876.D
 Acq: 06 Mar 2025 18:58

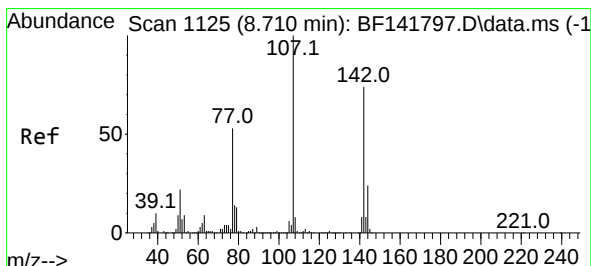
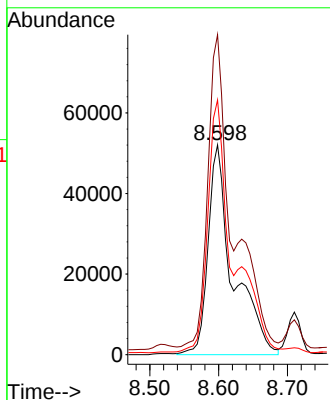
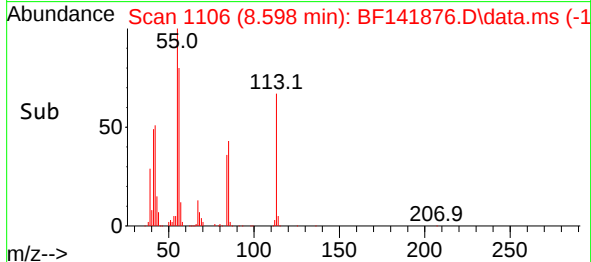
Instrument :
 BNA_F
 ClientSampleId :
 RHL1PXIMSD



Tgt Ion:113 Resp: 13083
 Ion Ratio Lower Upper
 113 100
 55 152.6 155.6 195.6
 56 121.5 114.6 154.6

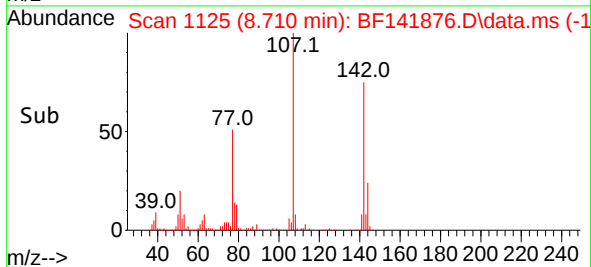
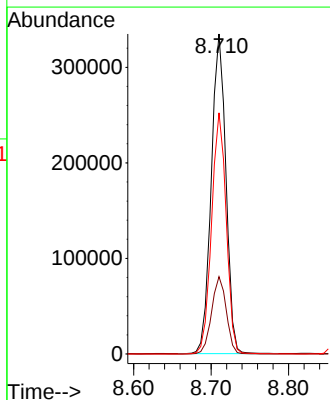
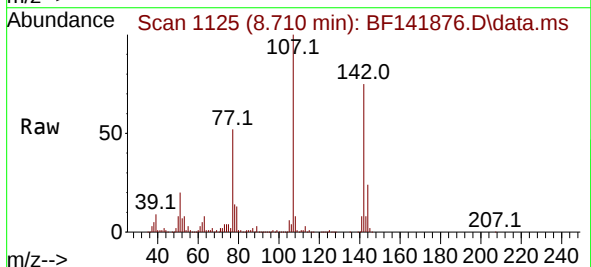
Manual Integrations
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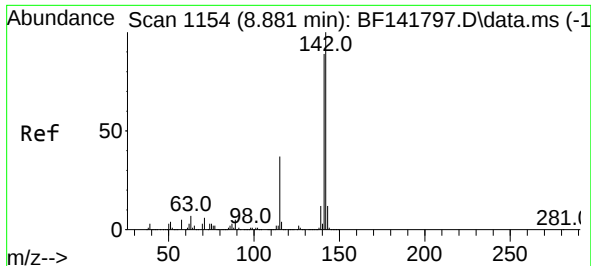
Reviewed By :Anahy Claudio 03/07/2025
 Supervised By :Jagrut Upadhyay 03/07/2025



#36
 4-Chloro-3-methylphenol
 Concen: 43.133 ng
 RT: 8.710 min Scan# 1125
 Delta R.T. -0.000 min
 Lab File: BF141876.D
 Acq: 06 Mar 2025 18:58

Tgt Ion:107 Resp: 437995
 Ion Ratio Lower Upper
 107 100
 144 24.2 19.4 29.0
 142 75.3 59.4 89.0





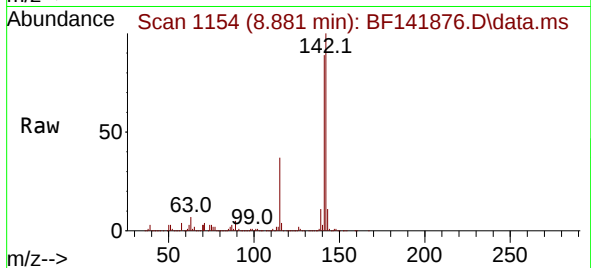
#37
2-Methylnaphthalene
Concen: 41.429 ng
RT: 8.881 min Scan# 1154
Delta R.T. -0.000 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

Instrument :

BNA_F

ClientSampleId :

RHL1PXIMSD

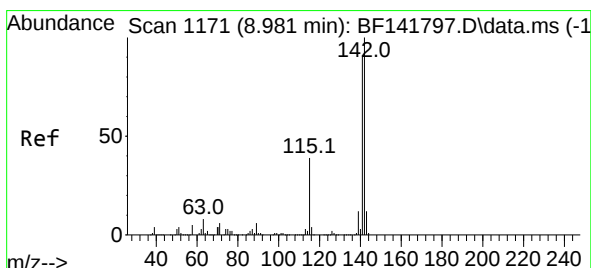
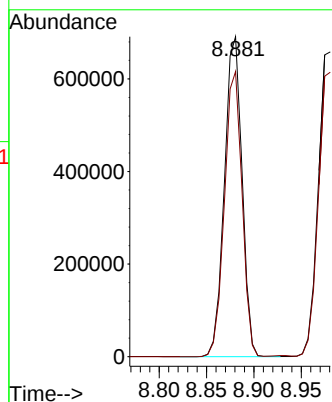
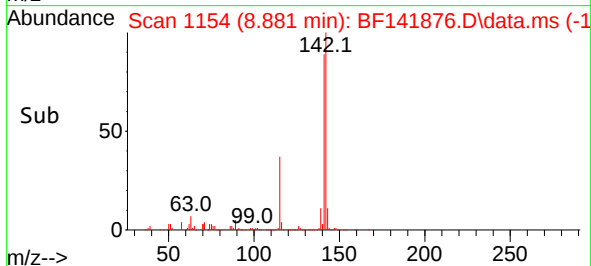


Tgt Ion:142 Resp: 895702
Ion Ratio Lower Upper
142 100
141 89.1 71.1 106.7

Manual Integrations

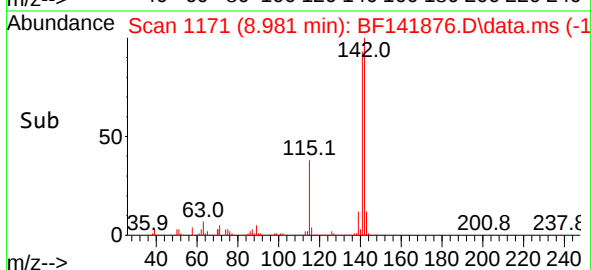
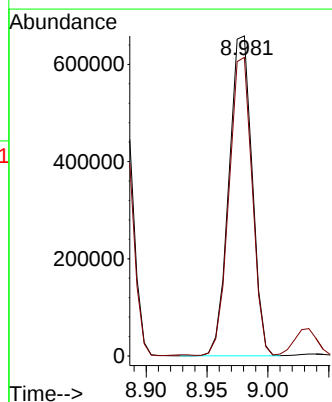
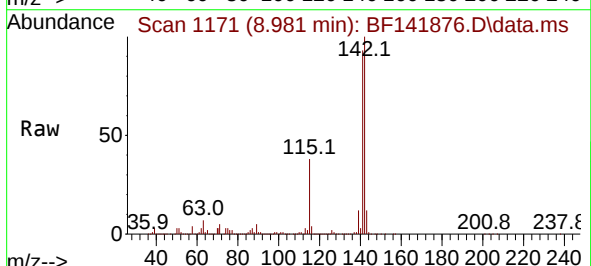
APPROVED

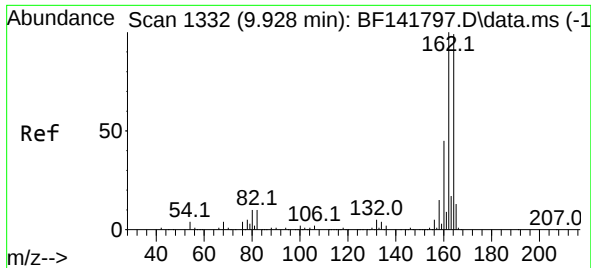
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025



#38
1-Methylnaphthalene
Concen: 42.033 ng
RT: 8.981 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

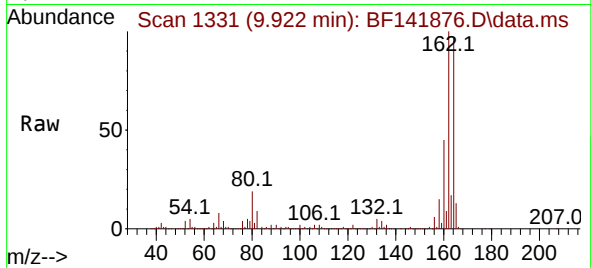
Tgt Ion:142 Resp: 871992
Ion Ratio Lower Upper
142 100
141 93.3 73.1 109.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1131
Delta R.T. -0.006 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

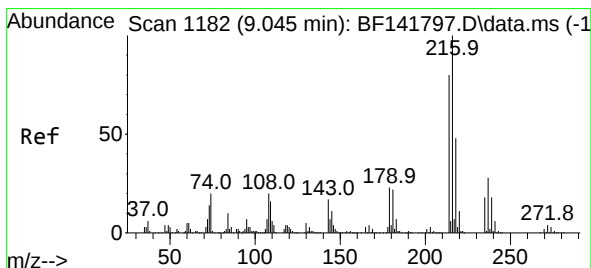
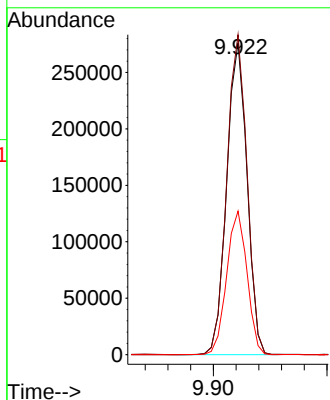
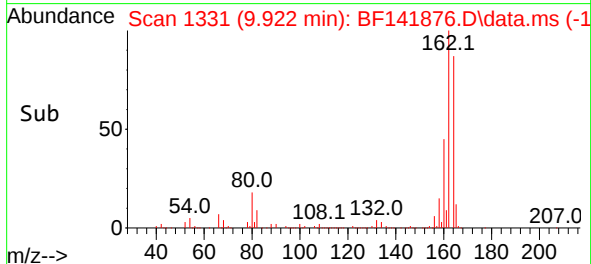
Instrument :
BNA_F
ClientSampleId :
RHL1PXIMSD



Tgt Ion:164 Resp: 343104
Ion Ratio Lower Upper
164 100
162 102.7 80.6 120.8
160 46.1 36.3 54.5

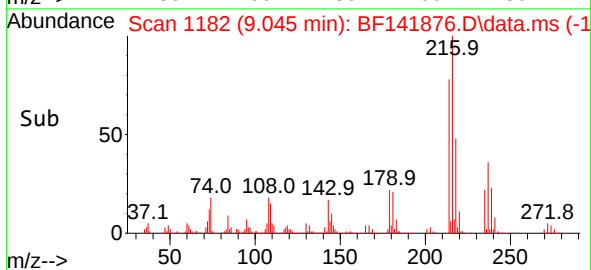
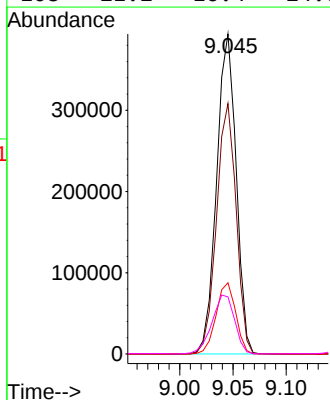
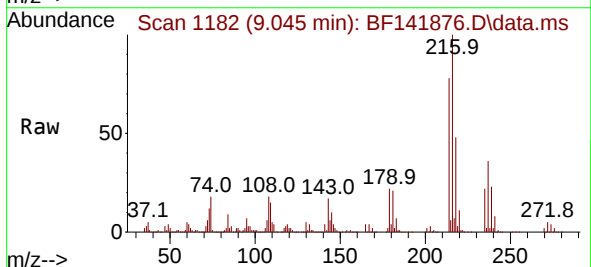
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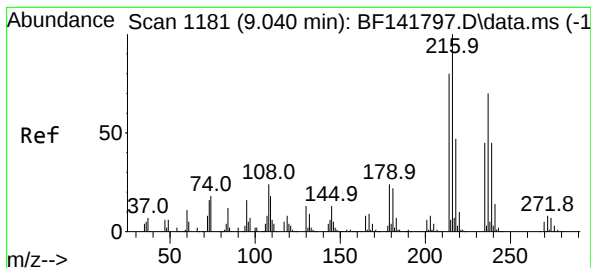
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.585 ng
RT: 9.045 min Scan# 1182
Delta R.T. -0.000 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

Tgt Ion:216 Resp: 501259
Ion Ratio Lower Upper
216 100
214 78.5 63.5 95.3
179 22.4 18.1 27.1
108 21.2 16.4 24.6





#41

Hexachlorocyclopentadiene

Concen: 150.328 ng

RT: 9.034 min Scan# 1181

Delta R.T. -0.006 min

Lab File: BF141876.D

Acq: 06 Mar 2025 18:58

Instrument :

BNA_F

ClientSampleId :

RHL1PXIMSD

Tgt Ion:237 Resp: 621660

Ion Ratio Lower Upper

237 100

235 63.3 43.3 83.3

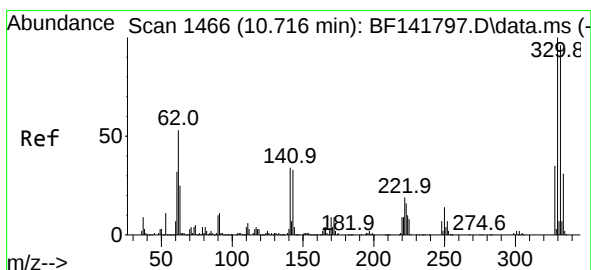
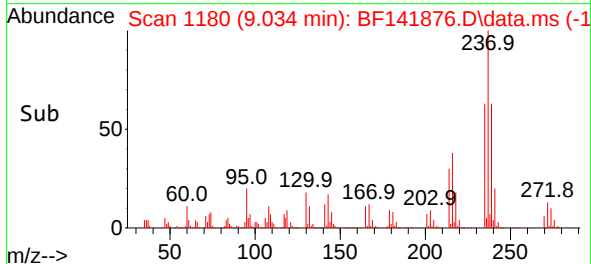
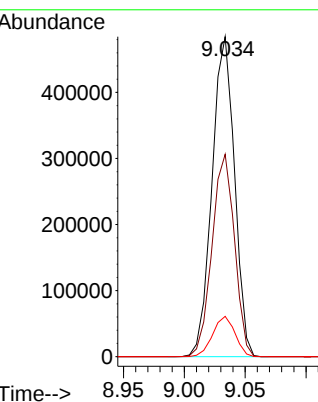
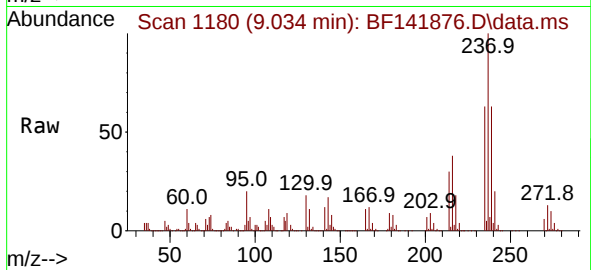
272 12.6 0.0 31.9

Manual Integrations

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Reviewed By :Anahy Claudio 03/07/2025

Supervised By :Jagrut Upadhyay 03/07/2025



#42

2,4,6-Tribromophenol

Concen: 127.930 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.006 min

Lab File: BF141876.D

Acq: 06 Mar 2025 18:58

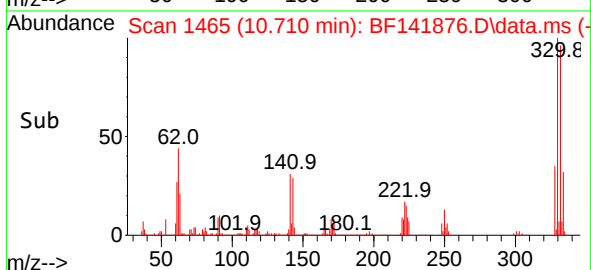
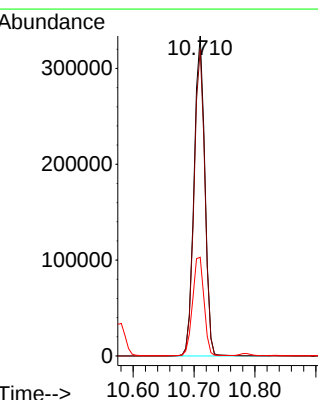
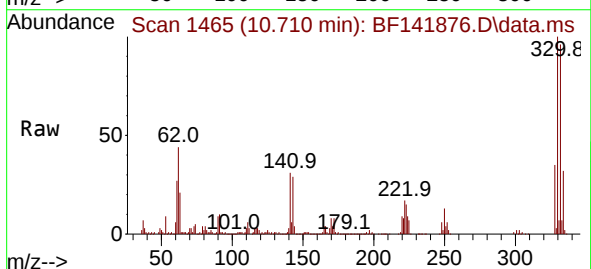
Tgt Ion:330 Resp: 412077

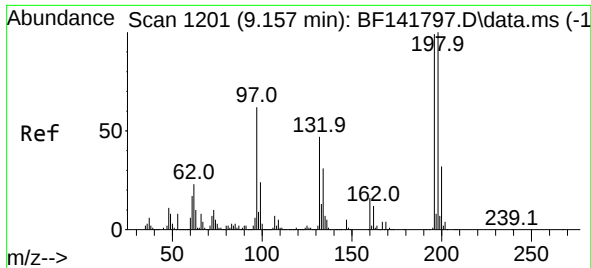
Ion Ratio Lower Upper

330 100

332 95.8 76.6 115.0

141 32.5 29.0 43.4





#43
2,4,6-Trichlorophenol
Concen: 45.812 ng
RT: 9.151 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

Instrument :

BNA_F

ClientSampleId :

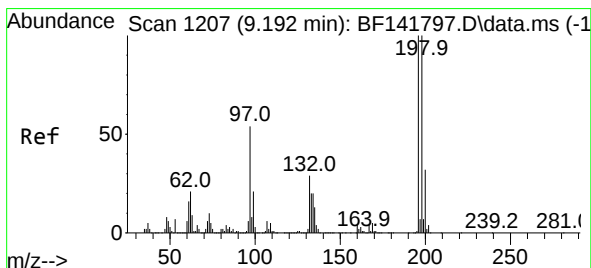
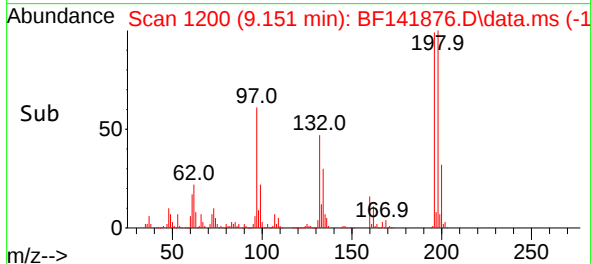
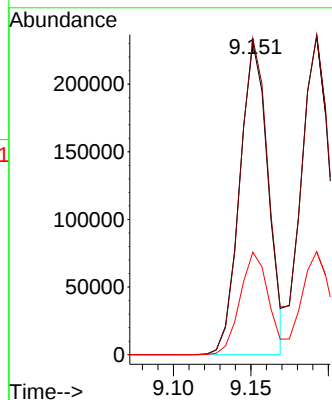
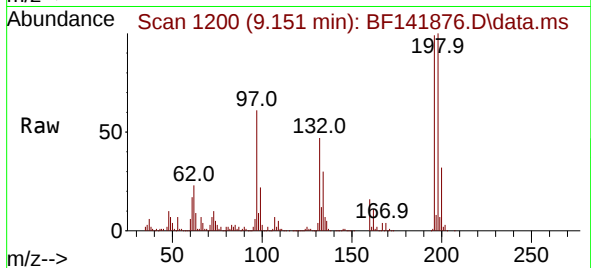
RHL1PXIMSD

Tgt Ion:196 Resp: 293240
Ion Ratio Lower Upper
196 100
198 101.3 80.4 120.6
200 32.8 25.7 38.5

Manual Integrations

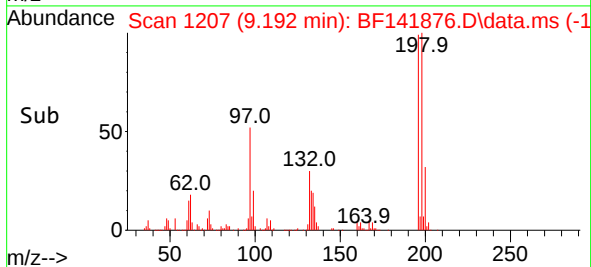
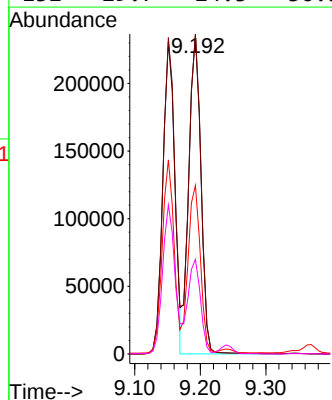
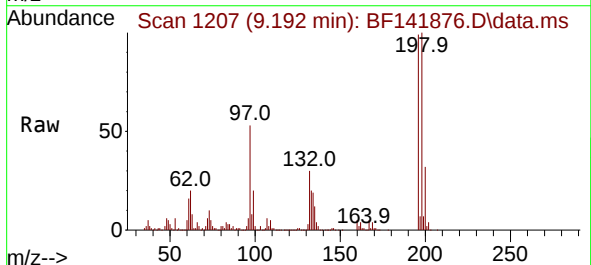
APPROVED

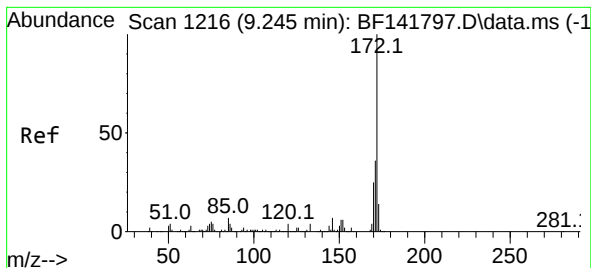
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025



#44
2,4,5-Trichlorophenol
Concen: 47.702 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.000 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

Tgt Ion:196 Resp: 302356
Ion Ratio Lower Upper
196 100
198 100.6 79.7 119.5
97 52.9 44.2 66.2
132 29.7 24.3 36.5





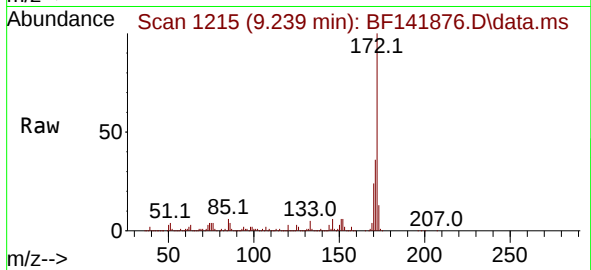
#45
2-Fluorobiphenyl
Concen: 79.519 ng
RT: 9.239 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

Instrument :

BNA_F

ClientSampleId :

RHL1PXIMSD

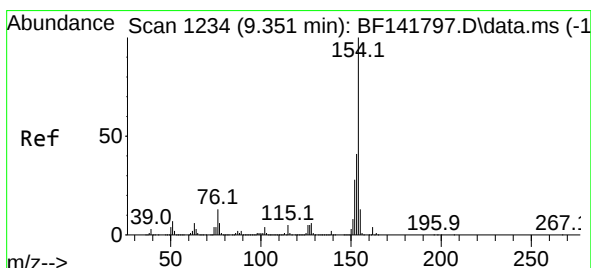
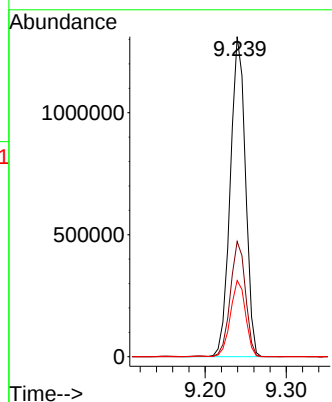
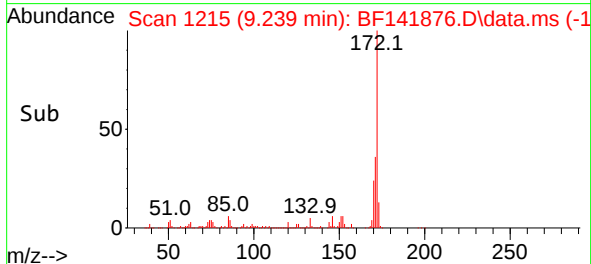


Tgt Ion:172 Resp: 1701534
Ion Ratio Lower Upper
172 100
171 36.0 29.2 43.8
170 23.8 19.7 29.5

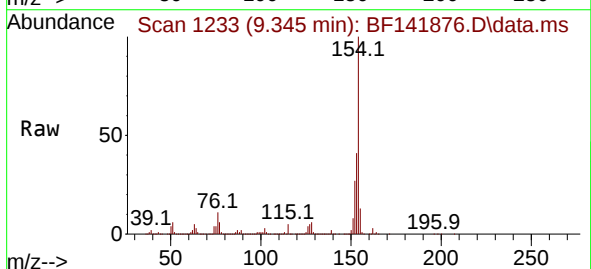
Manual Integrations

APPROVED

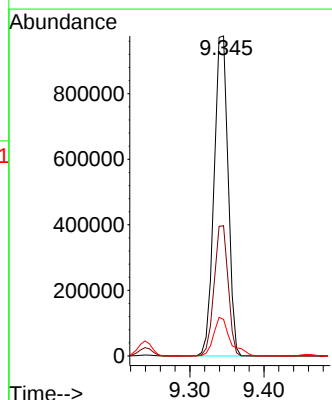
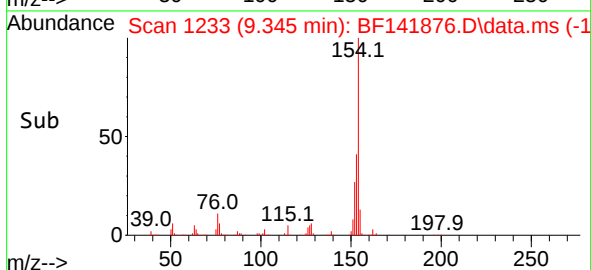
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025

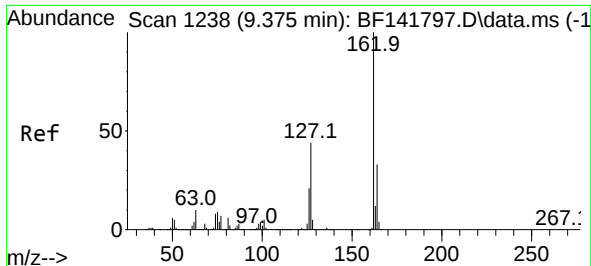


#46
1,1'-Biphenyl
Concen: 49.174 ng
RT: 9.345 min Scan# 1233
Delta R.T. -0.006 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58



Tgt Ion:154 Resp: 1284202
Ion Ratio Lower Upper
154 100
153 40.7 21.4 61.4
76 11.5 0.0 33.4





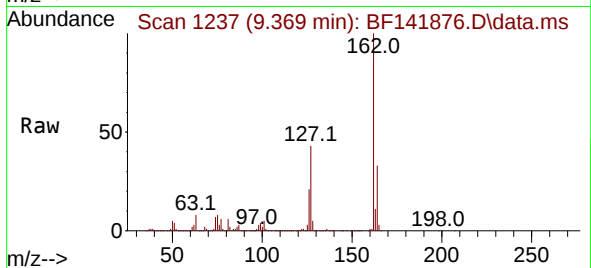
#47
2-Chloronaphthalene
Concen: 45.293 ng
RT: 9.369 min Scan# 1237
Delta R.T. -0.006 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

Instrument :

BNA_F

ClientSampleId :

RHL1PXIMSD

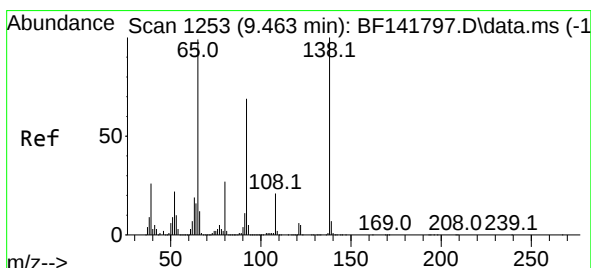
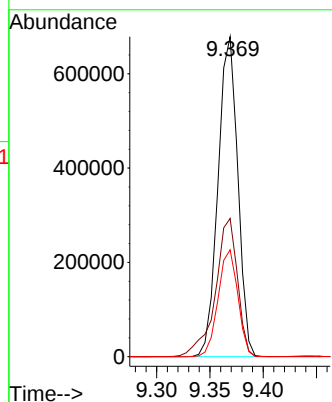
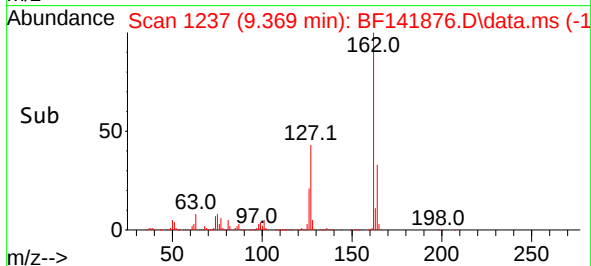


Tgt Ion:162 Resp: 873028
Ion Ratio Lower Upper
162 100
127 43.2 35.0 52.6
164 33.4 26.6 40.0

Manual Integrations

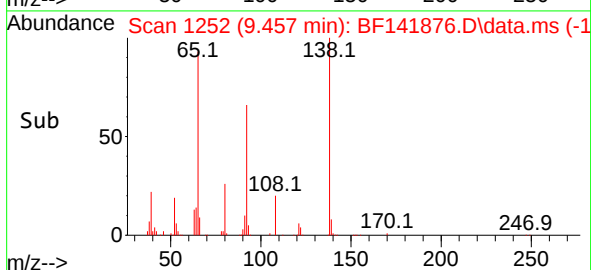
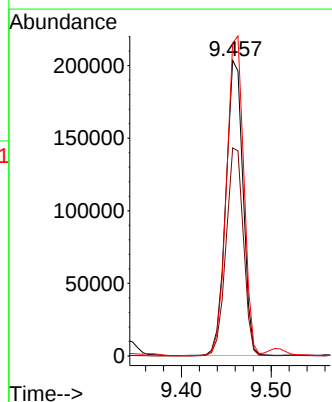
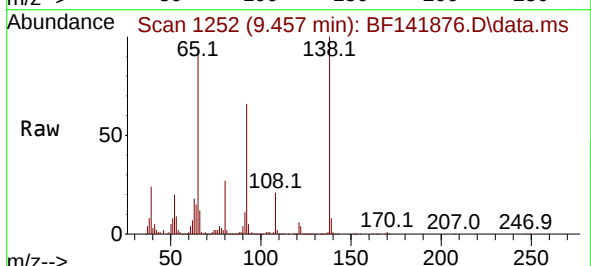
APPROVED

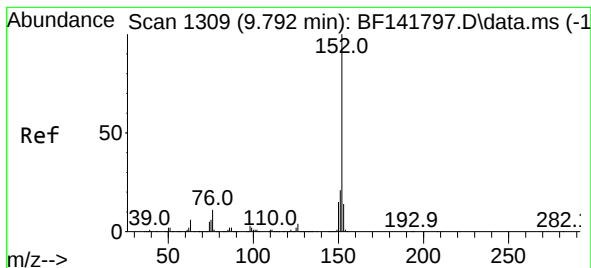
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025



#48
2-Nitroaniline
Concen: 50.959 ng
RT: 9.457 min Scan# 1252
Delta R.T. -0.006 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

Tgt Ion: 65 Resp: 270419
Ion Ratio Lower Upper
65 100
92 70.4 55.7 83.5
138 105.9 80.6 121.0





#49

Acenaphthylene

Concen: 45.342 ng

RT: 9.781 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141876.D

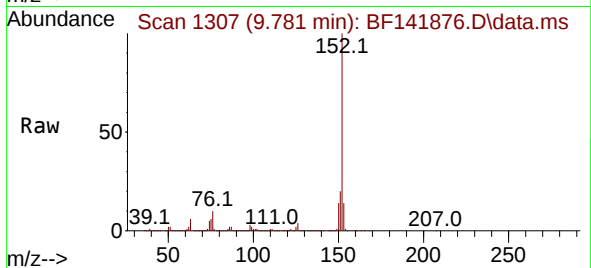
Acq: 06 Mar 2025 18:58

Instrument :

BNA_F

ClientSampleId :

RHL1PXIMSD



Tgt Ion:152 Resp: 131036

Ion Ratio Lower Upper

152 100

151 20.4 16.6 24.8

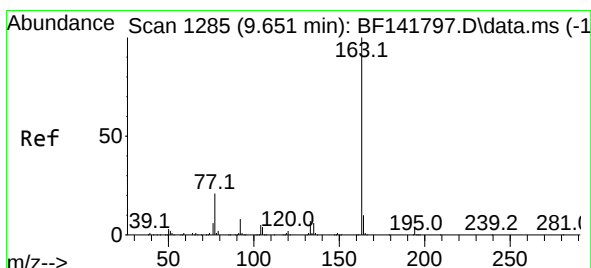
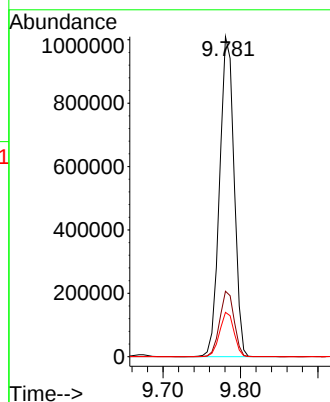
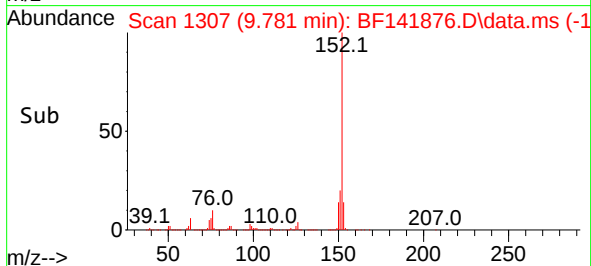
153 13.9 11.2 16.8

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/07/2025

Supervised By :Jagrut Upadhyay 03/07/2025



#50

Dimethylphthalate

Concen: 45.601 ng

RT: 9.639 min Scan# 1283

Delta R.T. -0.012 min

Lab File: BF141876.D

Acq: 06 Mar 2025 18:58

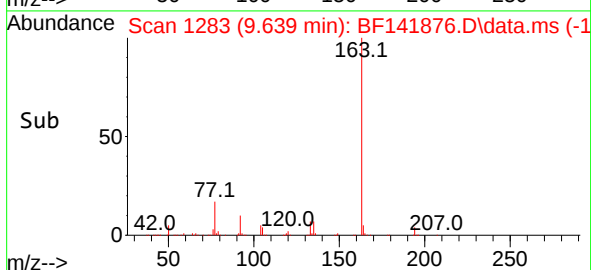
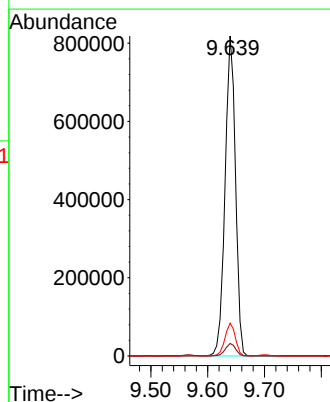
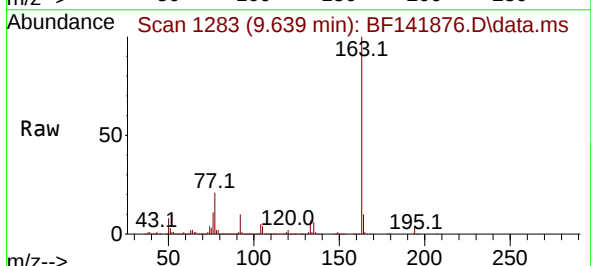
Tgt Ion:163 Resp: 1047770

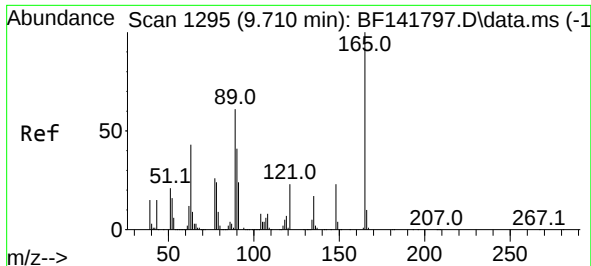
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.3 8.4 12.6





#51

2,6-Dinitrotoluene

Concen: 49.620 ng

RT: 9.698 min Scan# 1293

Delta R.T. -0.012 min

Lab File: BF141876.D

Acq: 06 Mar 2025 18:58

Instrument :

BNA_F

ClientSampleId :

RHL1PXIMSD

Tgt Ion:165 Resp: 218549

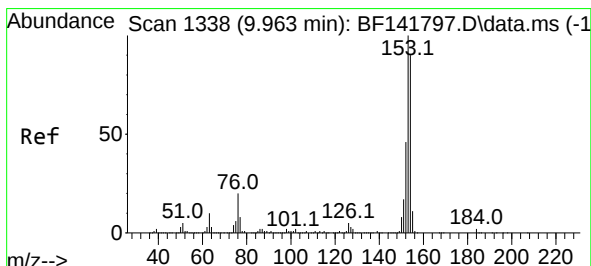
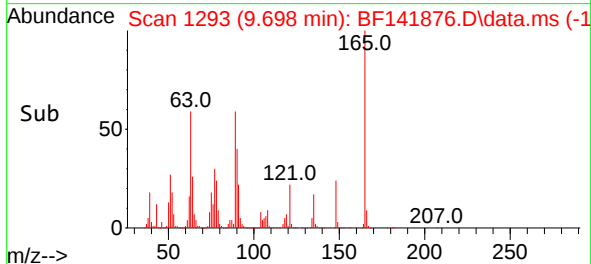
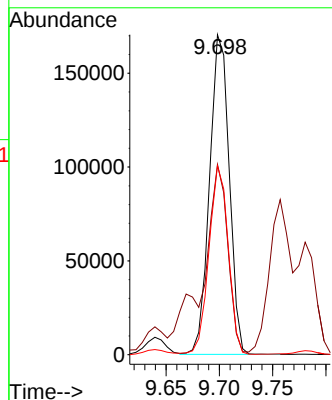
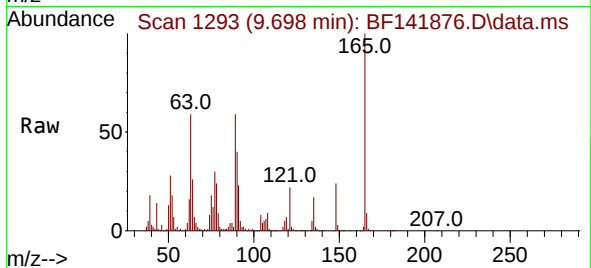
Ion	Ratio	Lower	Upper
165	100		
63	59.5	49.5	74.3
89	59.1	49.0	73.4

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/07/2025

Supervised By :Jagrut Upadhyay 03/07/2025



#52

Acenaphthene

Concen: 48.237 ng

RT: 9.957 min Scan# 1337

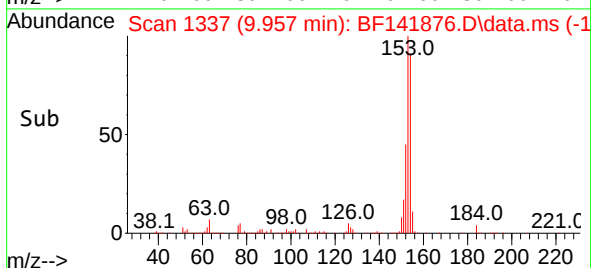
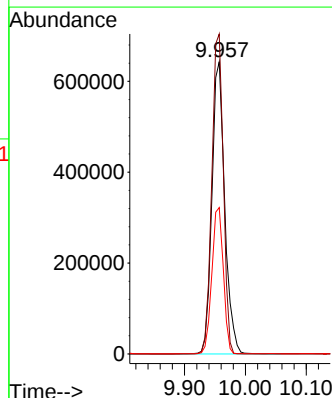
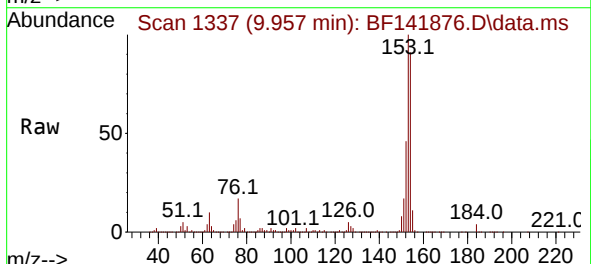
Delta R.T. -0.006 min

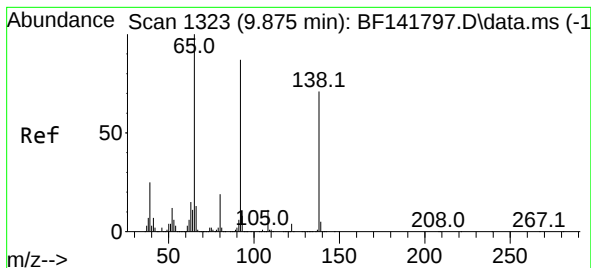
Lab File: BF141876.D

Acq: 06 Mar 2025 18:58

Tgt Ion:154 Resp: 940623

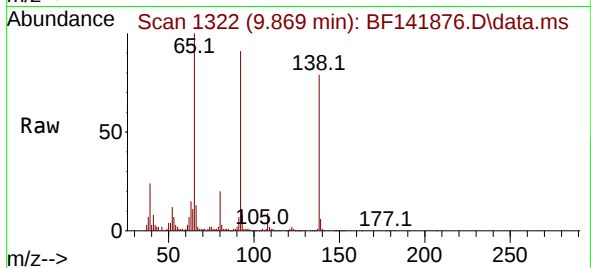
Ion	Ratio	Lower	Upper
154	100		
153	109.5	88.7	133.1
152	50.1	40.9	61.3





#53
3-Nitroaniline
Concen: 27.702 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

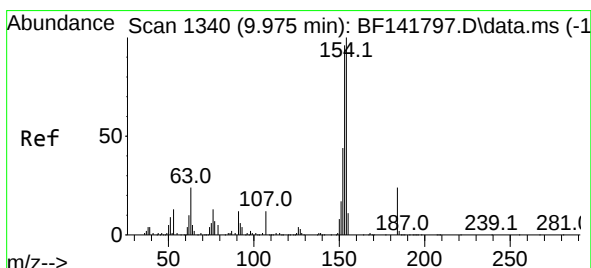
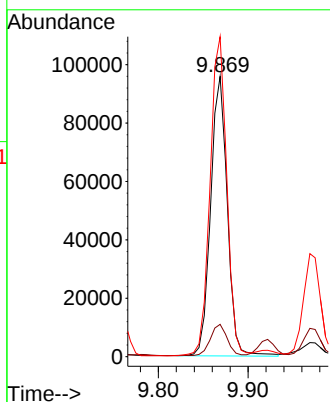
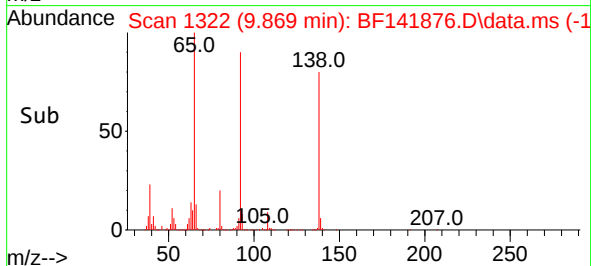
Instrument :
BNA_F
ClientSampleId :
RHL1PXIMSD



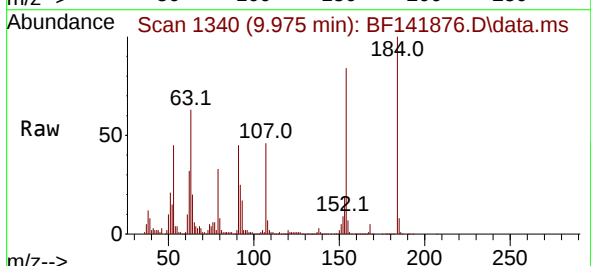
Tgt Ion:138 Resp: 12344
Ion Ratio Lower Upper
138 100
108 11.6 12.7 19.1
92 114.2 97.9 146.9

Manual Integrations
APPROVED

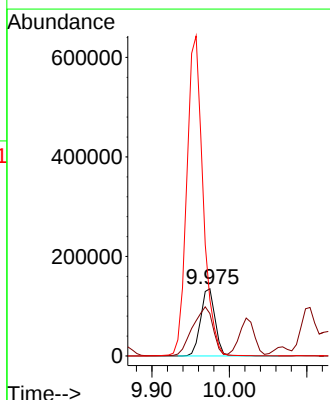
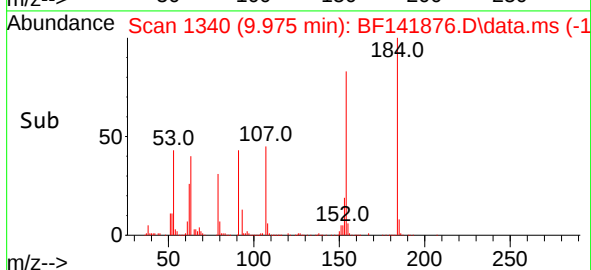
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025

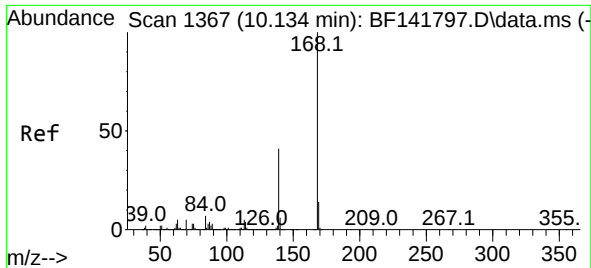


#54
2,4-Dinitrophenol
Concen: 84.922 ng
RT: 9.975 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58



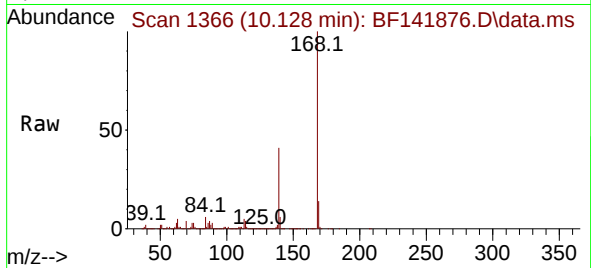
Tgt Ion:184 Resp: 175151
Ion Ratio Lower Upper
184 100
63 63.1 79.0 118.6#
154 83.6 335.8 503.8#





#55
Dibenzenofuran
Concen: 42.997 ng
RT: 10.128 min Scan# 1366
Delta R.T. -0.006 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

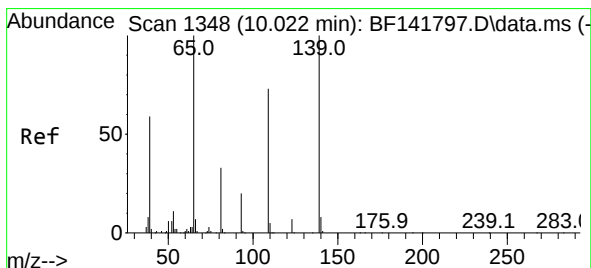
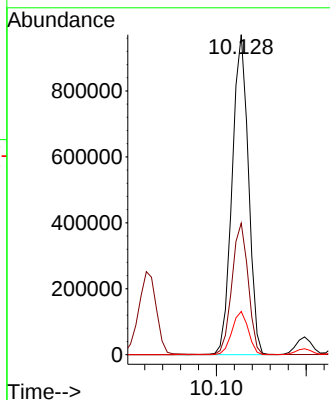
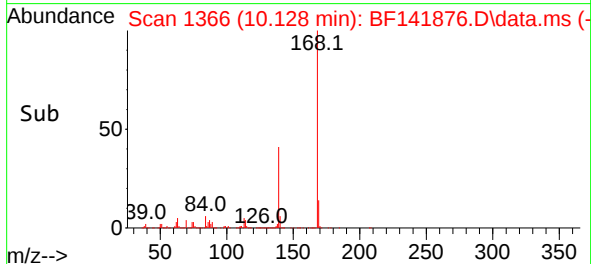
Instrument :
BNA_F
ClientSampleId :
RHL1PXIMSD



Tgt Ion:168 Resp: 122035
Ion Ratio Lower Upper
168 100
139 41.1 32.9 49.3
169 13.5 11.1 16.7

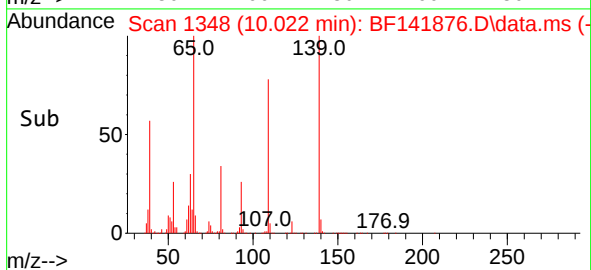
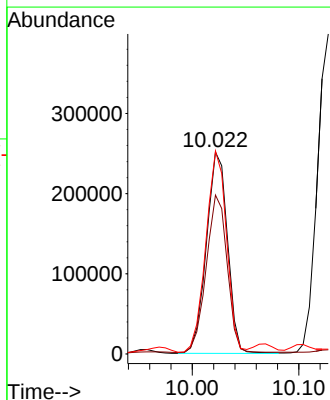
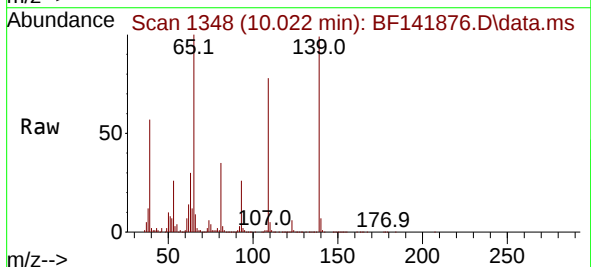
Manual Integrations
APPROVED

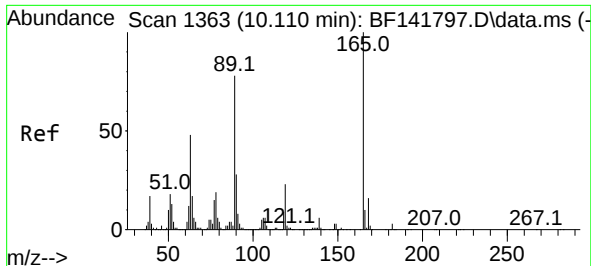
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025



#56
4-Nitrophenol
Concen: 101.763 ng
RT: 10.022 min Scan# 1348
Delta R.T. -0.000 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

Tgt Ion:139 Resp: 345342
Ion Ratio Lower Upper
139 100
109 78.7 53.4 93.4
65 100.6 82.1 122.1





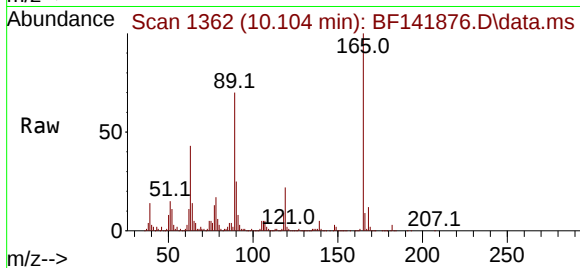
#57
2,4-Dinitrotoluene
Concen: 53.135 ng
RT: 10.104 min Scan# 1362
Delta R.T. -0.006 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

Instrument :

BNA_F

ClientSampleId :

RHL1PXIMSD

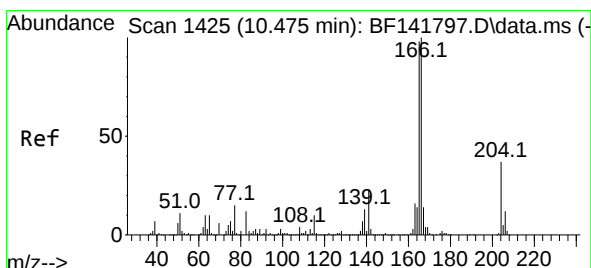
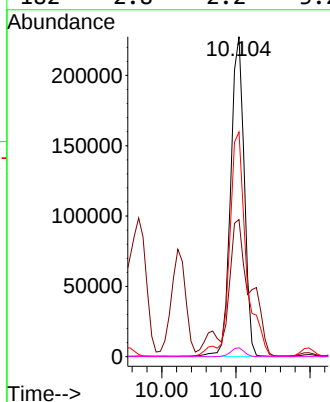
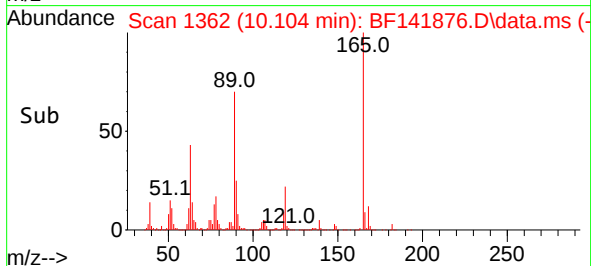


Tgt Ion:165 Resp: 287463
Ion Ratio Lower Upper
165 100
63 42.9 38.8 58.2
89 70.2 62.6 94.0
182 2.8 2.2 3.2

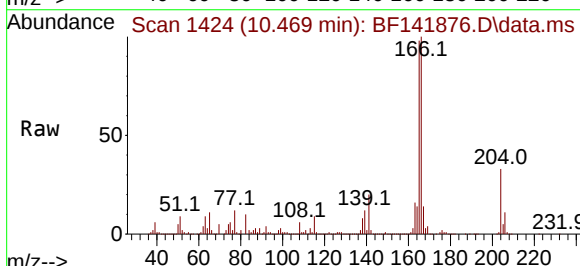
Manual Integrations

APPROVED

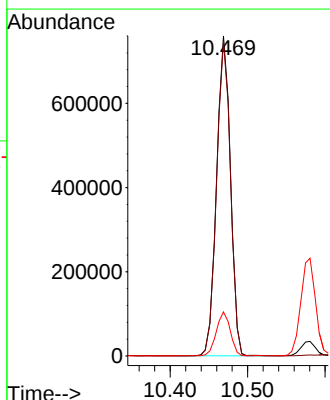
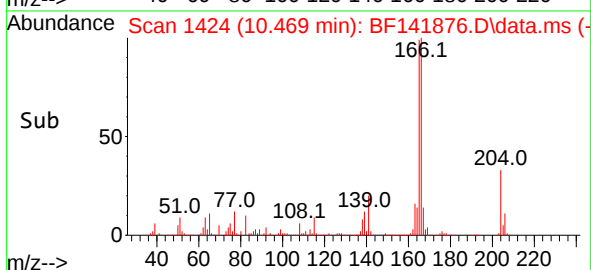
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025

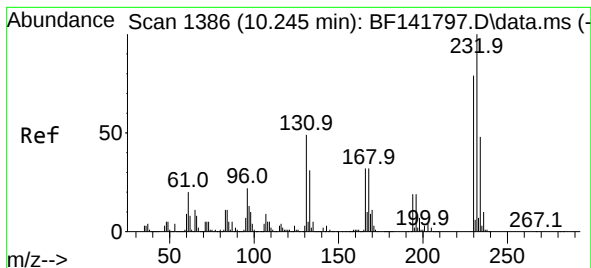


#58
Fluorene
Concen: 44.391 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58



Tgt Ion:166 Resp: 943758
Ion Ratio Lower Upper
166 100
165 98.4 78.6 117.8
167 13.7 11.0 16.4





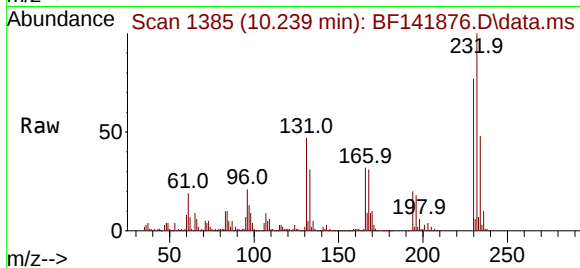
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.810 ng
RT: 10.239 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

Instrument :

BNA_F

ClientSampleId :

RHL1PXIMSD

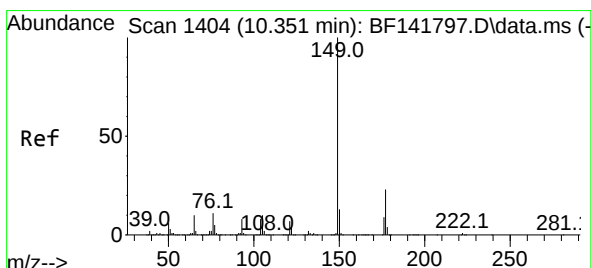
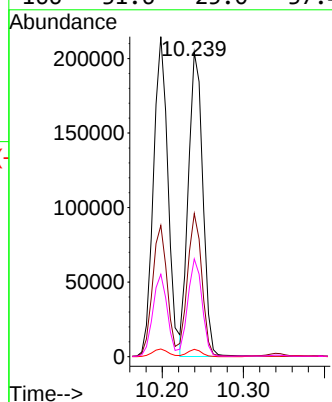
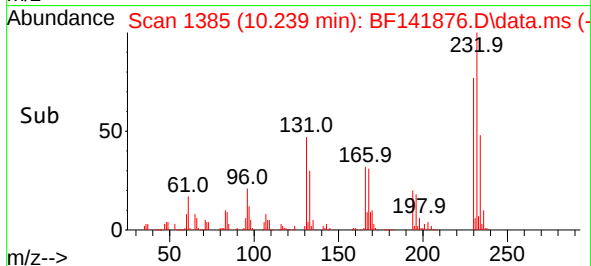


Tgt Ion:232 Resp: 252531
Ion Ratio Lower Upper
232 100
131 46.6 37.8 56.8
130 2.4 2.0 3.0
166 31.6 25.0 37.4

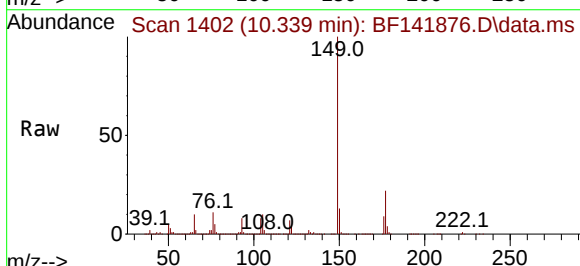
Manual Integrations

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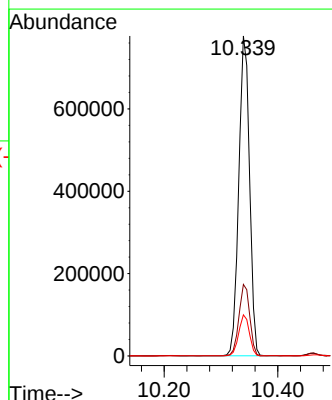
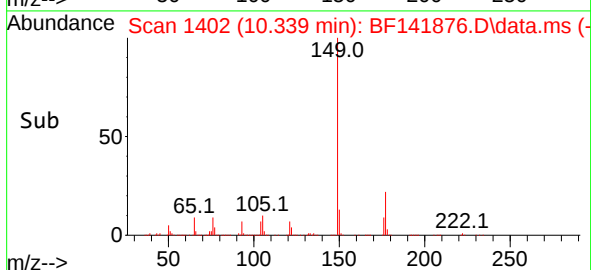
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025

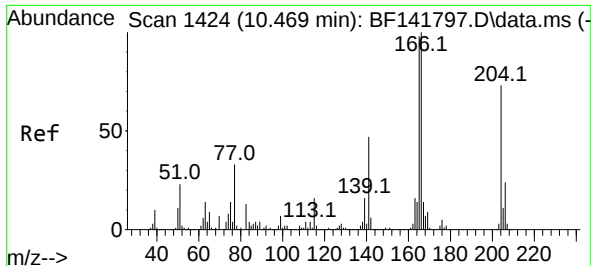


#60
Diethylphthalate
Concen: 43.974 ng
RT: 10.339 min Scan# 1402
Delta R.T. -0.012 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58



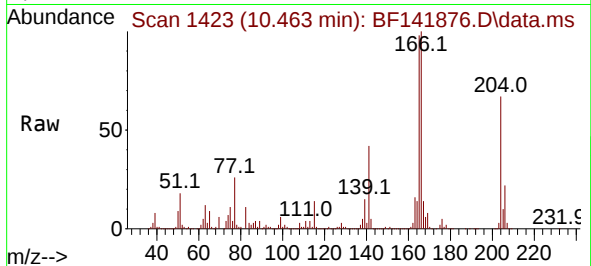
Tgt Ion:149 Resp: 1012899
Ion Ratio Lower Upper
149 100
177 22.4 18.3 27.5
150 12.8 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 45.010 ng
RT: 10.463 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

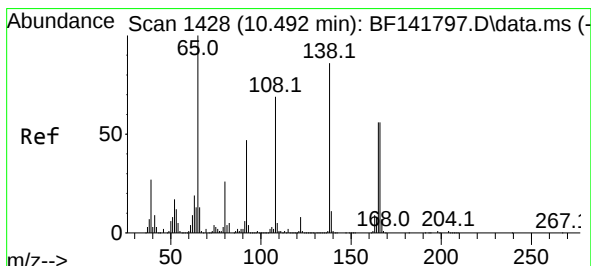
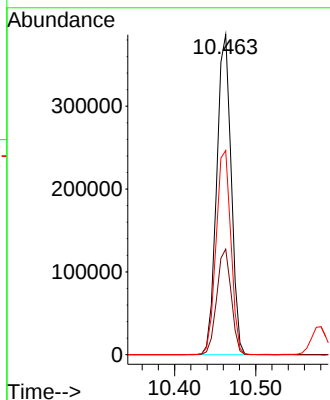
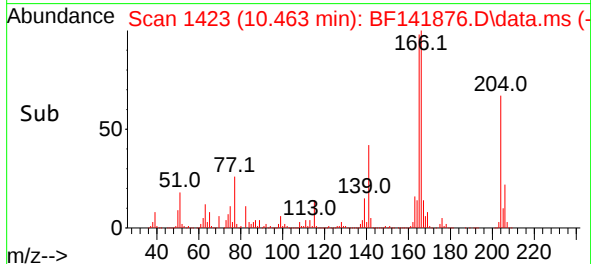
Instrument :
BNA_F
ClientSampleId :
RHL1PXIMSD



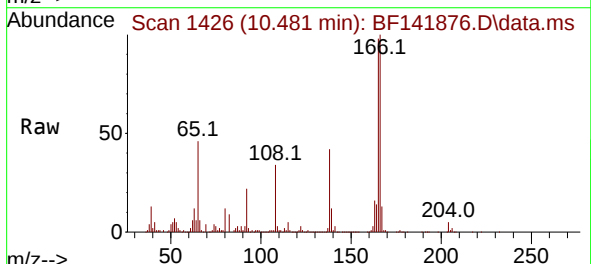
Tgt Ion:204 Resp: 47944
Ion Ratio Lower Upper
204 100
206 33.0 26.2 39.4
141 63.8 51.7 77.5

Manual Integrations
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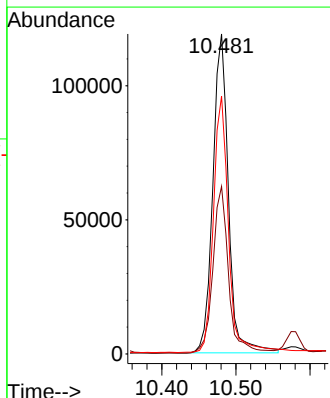
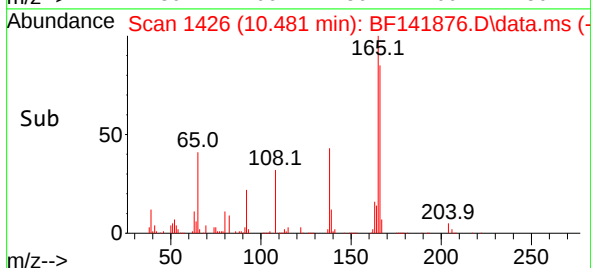
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025

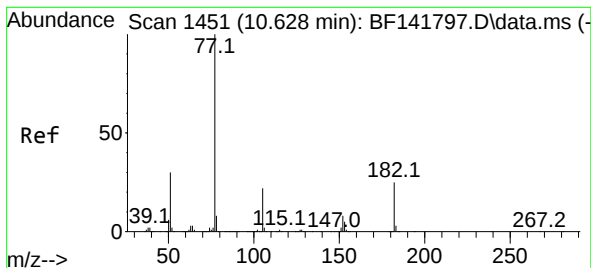


#62
4-Nitroaniline
Concen: 44.221 ng
RT: 10.481 min Scan# 1426
Delta R.T. -0.012 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58



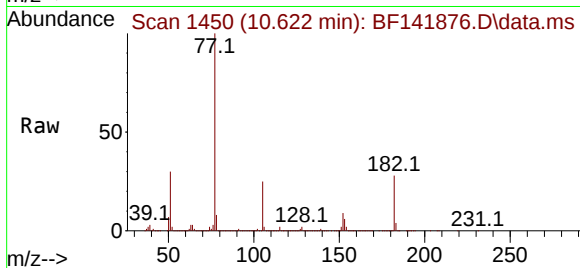
Tgt Ion:138 Resp: 173517
Ion Ratio Lower Upper
138 100
92 52.3 34.9 74.9
108 80.6 59.6 99.6





#63
Azobenzene
Concen: 42.098 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

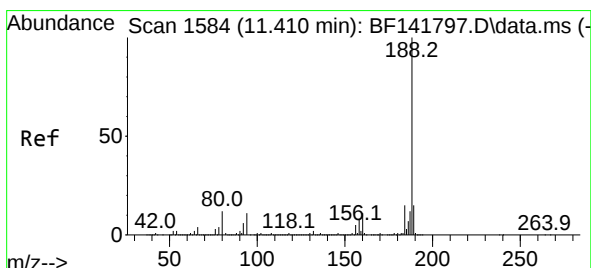
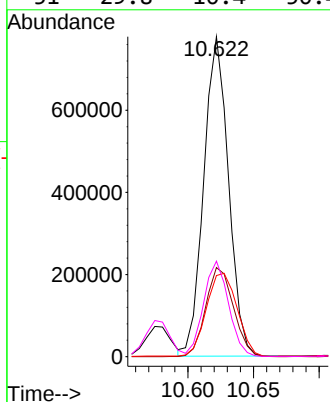
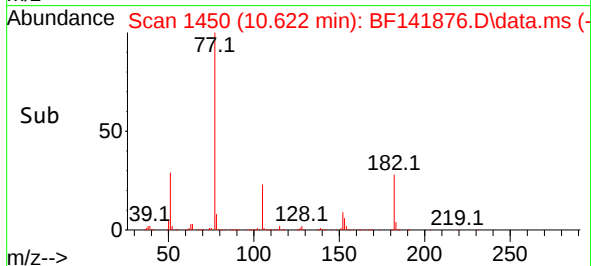
Instrument :
BNA_F
ClientSampleId :
RHL1PXIMSD



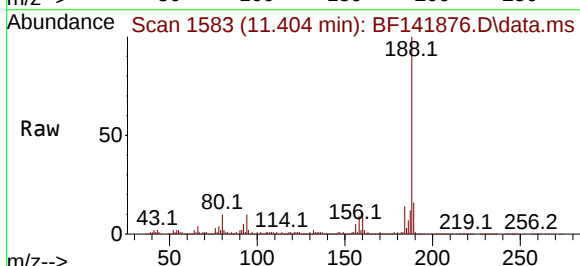
Tgt Ion: 77 Resp: 102100
Ion Ratio Lower Upper
77 100
182 27.9 4.2 44.2
105 25.3 1.5 41.5
51 29.8 10.4 50.4

Manual Integrations
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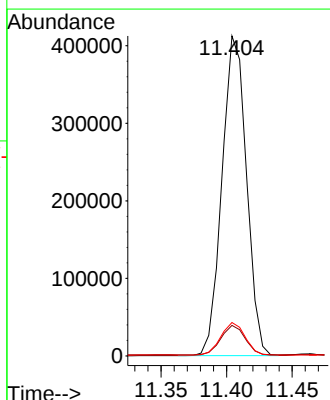
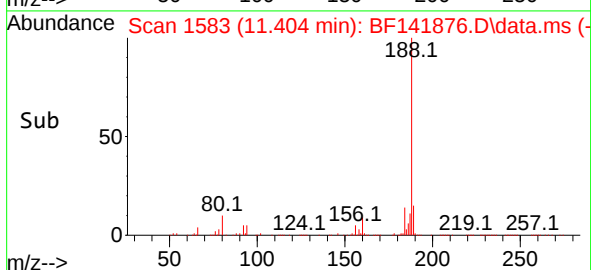
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025

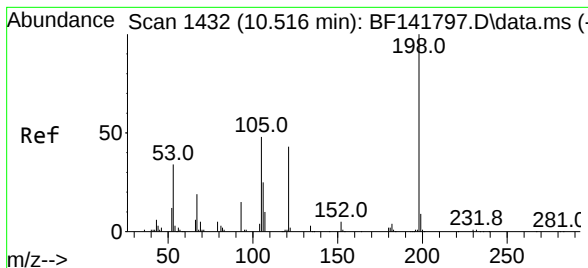


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58



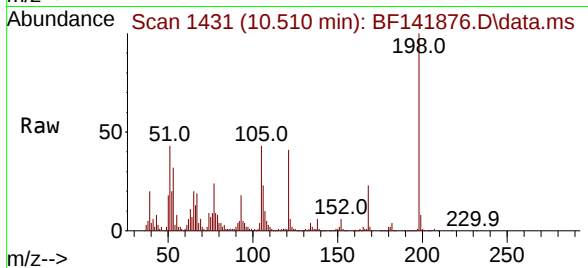
Tgt Ion:188 Resp: 535087
Ion Ratio Lower Upper
188 100
94 9.5 8.9 13.3
80 10.5 9.7 14.5





#65
4,6-Dinitro-2-methylphenol
Concen: 45.291 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

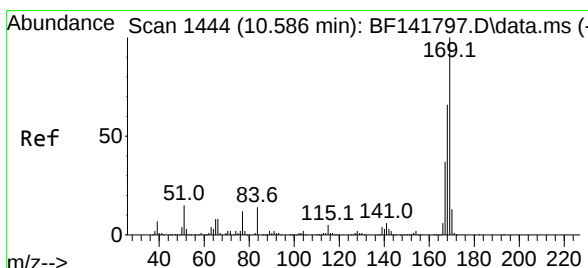
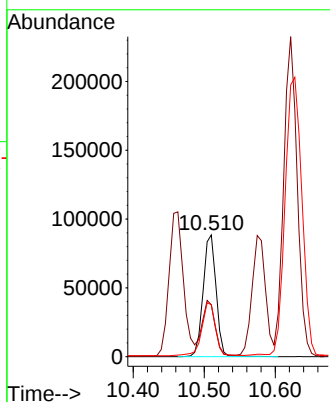
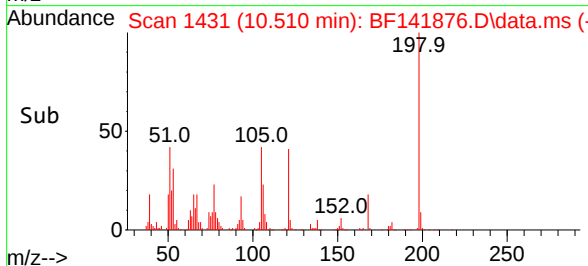
Instrument :
BNA_F
ClientSampleId :
RHL1PXIMSD



Tgt Ion:198 Resp: 112730
Ion Ratio Lower Upper
198 100
51 42.6 32.1 72.1
105 42.7 28.5 68.5

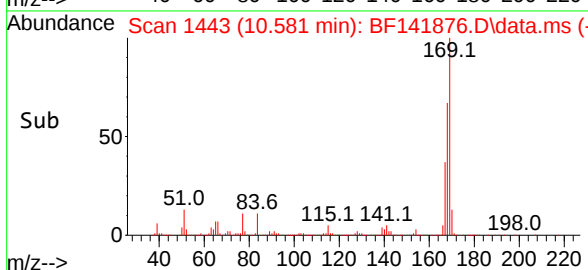
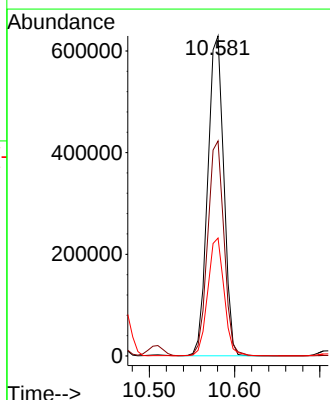
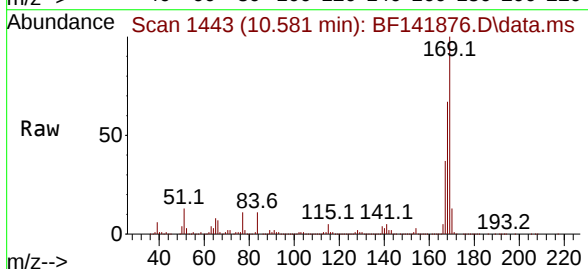
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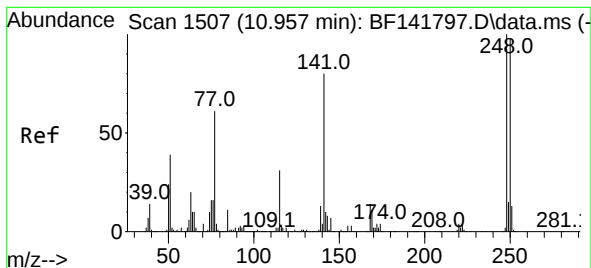
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025



#66
n-Nitrosodiphenylamine
Concen: 46.813 ng
RT: 10.581 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

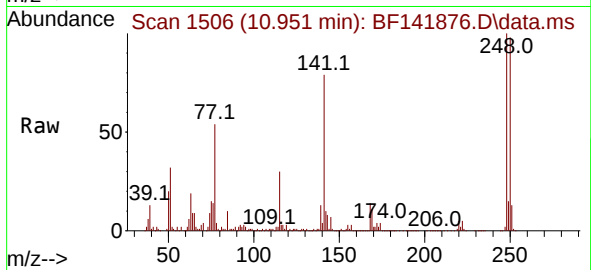
Tgt Ion:169 Resp: 822515
Ion Ratio Lower Upper
169 100
168 67.2 53.0 79.6
167 36.9 29.3 43.9





#67
4-Bromophenyl-phenylether
Concen: 47.122 ng
RT: 10.951 min Scan# 1506
Delta R.T. -0.006 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

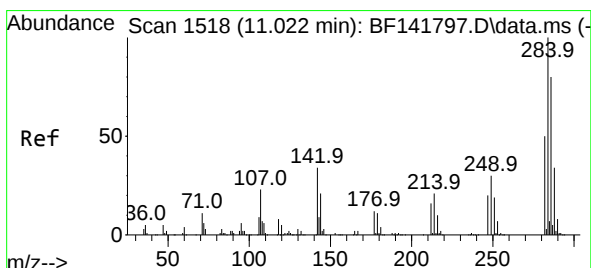
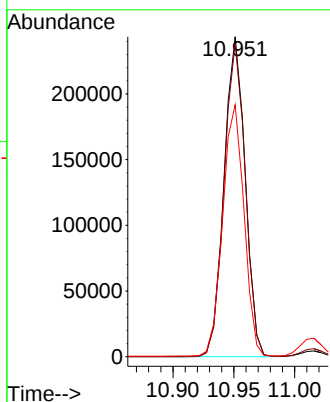
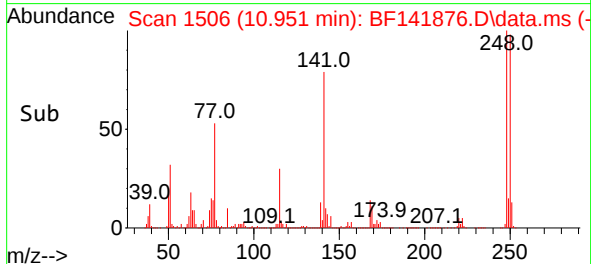
Instrument :
BNA_F
ClientSampleId :
RHL1PXIMSD



Tgt Ion:248 Resp: 294514
Ion Ratio Lower Upper
248 100
250 97.8 78.1 117.1
141 78.7 64.3 96.5

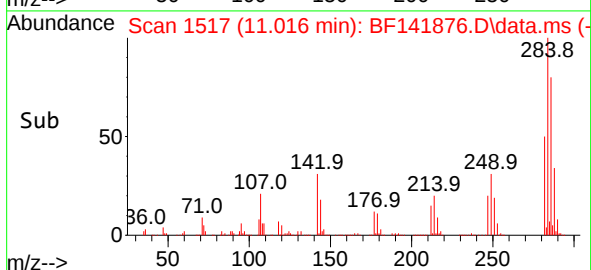
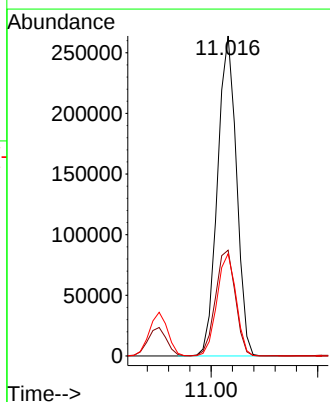
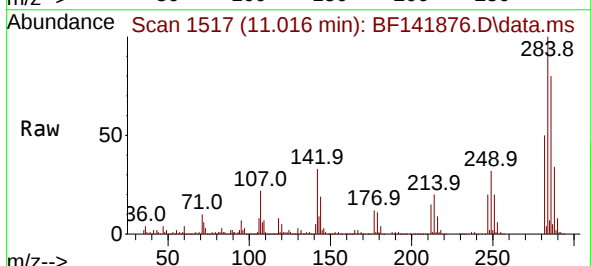
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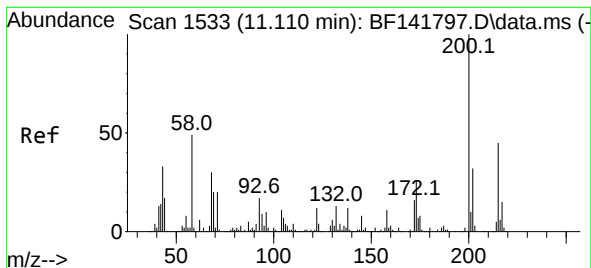
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025



#68
Hexachlorobenzene
Concen: 49.348 ng
RT: 11.016 min Scan# 1517
Delta R.T. -0.006 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

Tgt Ion:284 Resp: 325688
Ion Ratio Lower Upper
284 100
142 33.0 28.2 42.2
249 32.0 25.5 38.3





#69

Atrazine

Concen: 64.353 ng

RT: 11.104 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141876.D

Acq: 06 Mar 2025 18:58

Instrument :

BNA_F

ClientSampleId :

RHL1PXIMSD

Tgt Ion:200 Resp: 310940

Ion Ratio Lower Upper

200 100

173 25.4 5.6 45.6

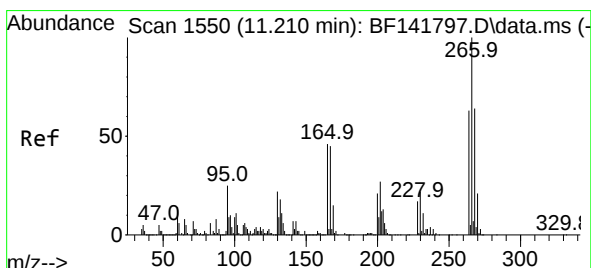
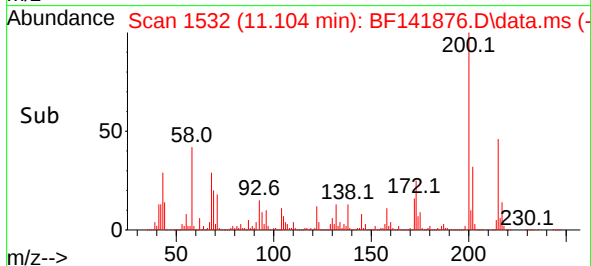
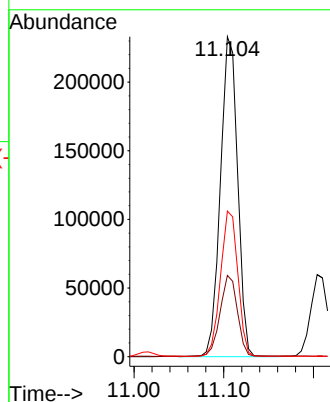
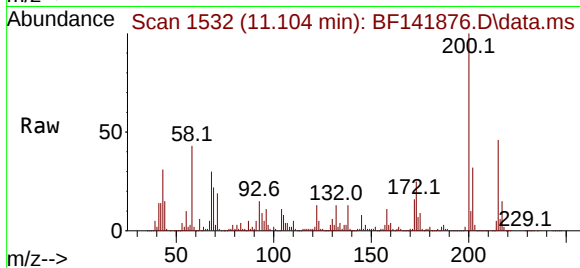
215 45.5 25.3 65.3

Manual Integrations

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Reviewed By :Anahy Claudio 03/07/2025

Supervised By :Jagrut Upadhyay 03/07/2025



#70

Pentachlorophenol

Concen: 95.539 ng

RT: 11.210 min Scan# 1550

Delta R.T. -0.000 min

Lab File: BF141876.D

Acq: 06 Mar 2025 18:58

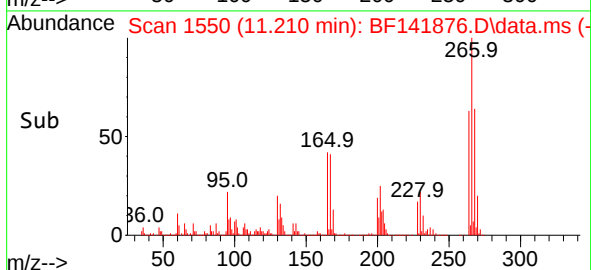
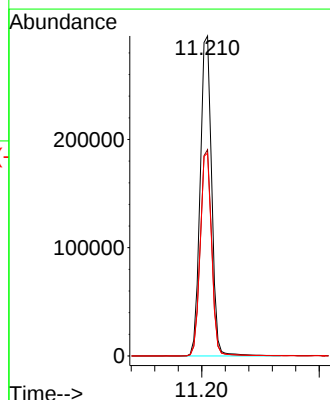
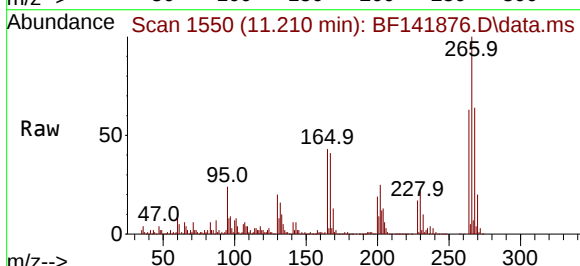
Tgt Ion:266 Resp: 399912

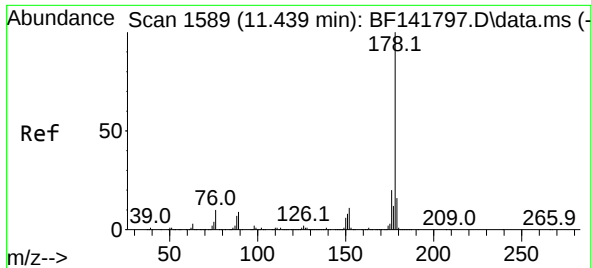
Ion Ratio Lower Upper

266 100

268 64.5 50.9 76.3

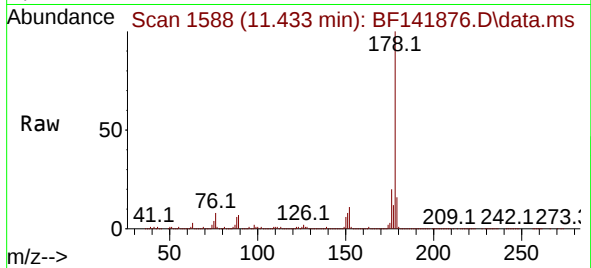
264 63.4 50.2 75.4





#71
Phenanthrene
Concen: 45.681 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

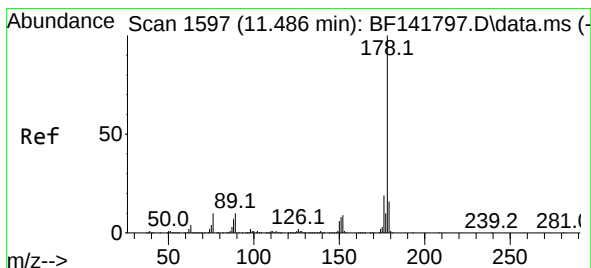
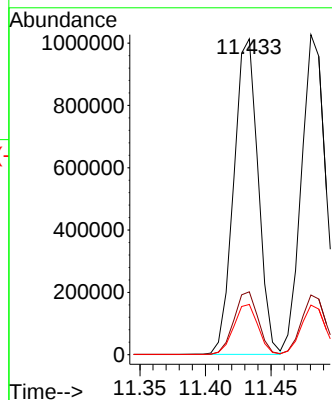
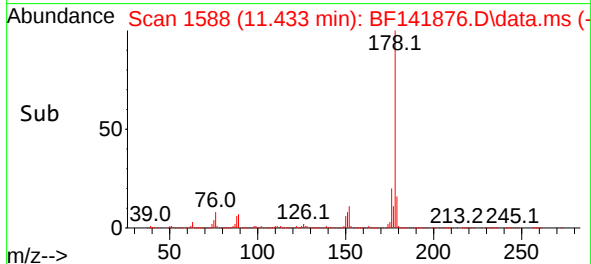
Instrument :
BNA_F
ClientSampleId :
RHL1PXIMSD



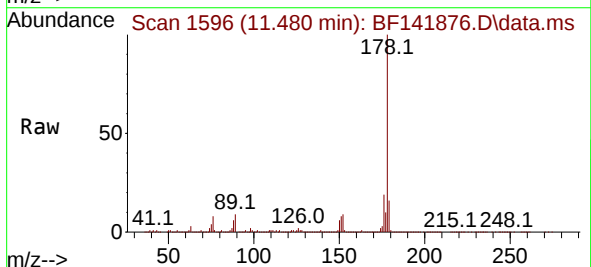
Tgt Ion:178 Resp: 1307483
Ion Ratio Lower Upper
178 100
176 19.9 16.0 24.0
179 15.9 12.6 19.0

Manual Integrations
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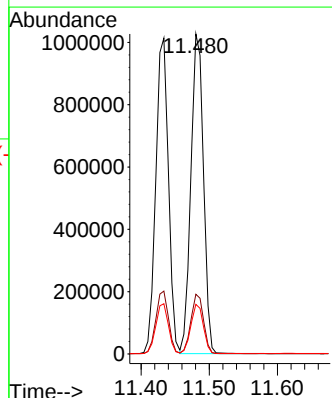
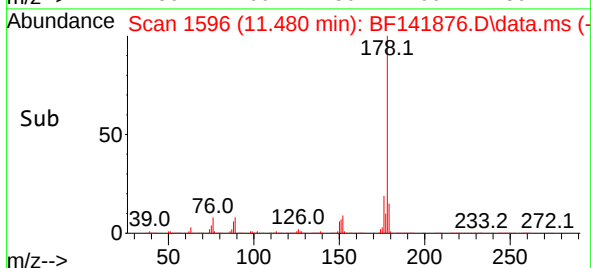
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025

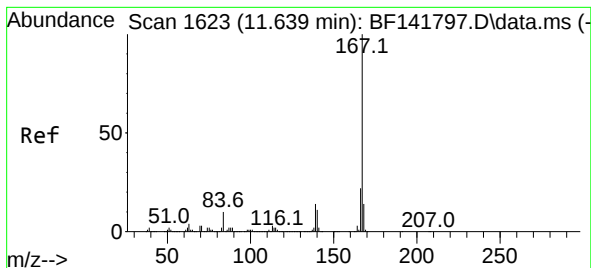


#72
Anthracene
Concen: 45.543 ng
RT: 11.480 min Scan# 1596
Delta R.T. -0.006 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58



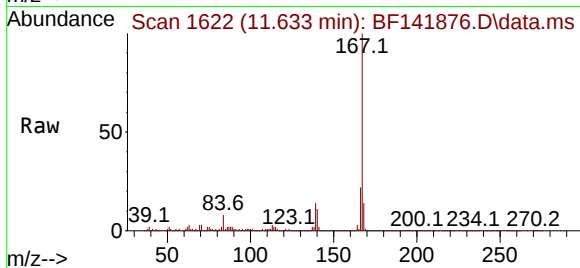
Tgt Ion:178 Resp: 1306433
Ion Ratio Lower Upper
178 100
176 18.6 15.4 23.0
179 15.5 12.8 19.2





#73
 Carbazole
 Concen: 44.042 ng
 RT: 11.633 min Scan# 1622
 Delta R.T. -0.006 min
 Lab File: BF141876.D
 Acq: 06 Mar 2025 18:58

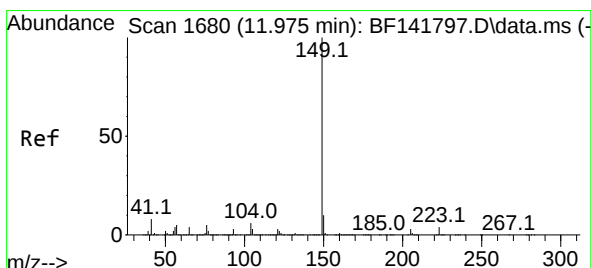
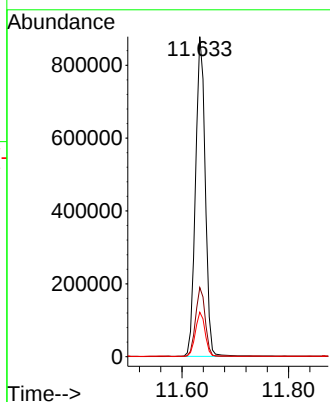
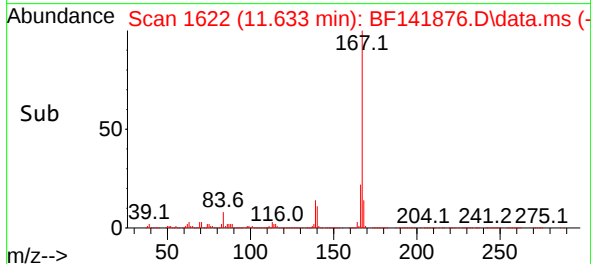
Instrument :
 BNA_F
 ClientSampleId :
 RHL1PXIMSD



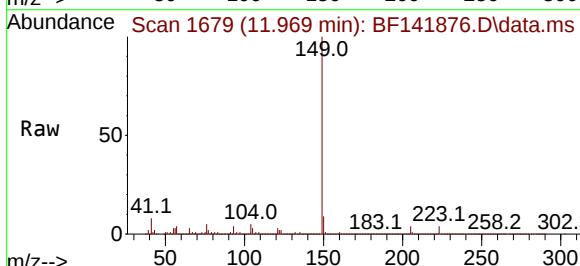
Tgt Ion:167 Resp: 1115639
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.5 26.3
 139 13.9 11.3 16.9

Manual Integrations
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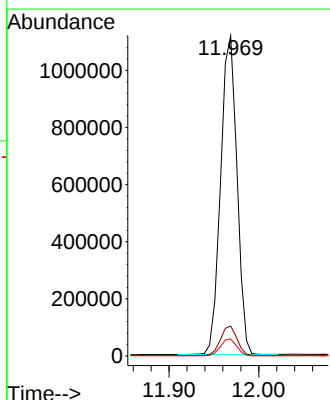
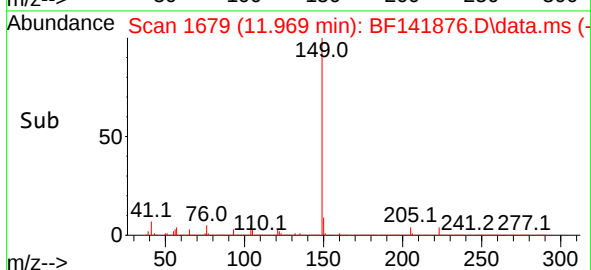
Reviewed By :Anahy Claudio 03/07/2025
 Supervised By :Jagrut Upadhyay 03/07/2025

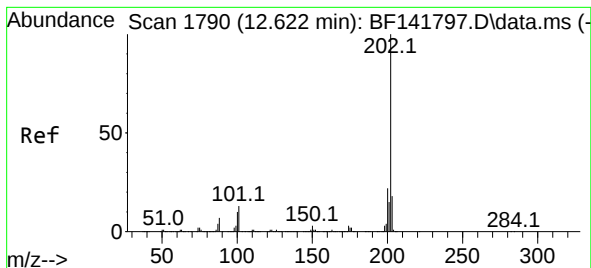


#74
 Di-n-butylphthalate
 Concen: 44.044 ng
 RT: 11.969 min Scan# 1679
 Delta R.T. -0.006 min
 Lab File: BF141876.D
 Acq: 06 Mar 2025 18:58



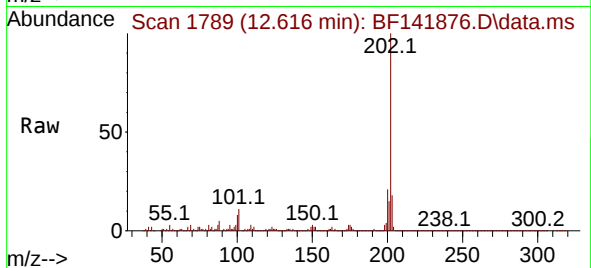
Tgt Ion:149 Resp: 1414226
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.7 11.5
 104 5.3 4.4 6.6





#75
Fluoranthene
Concen: 43.534 ng
RT: 12.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

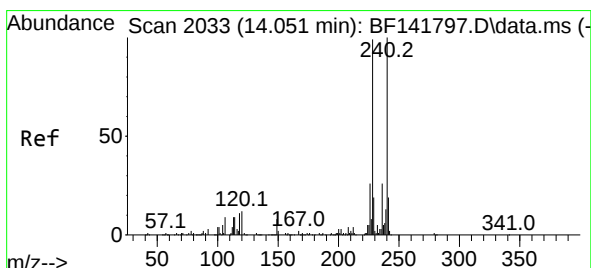
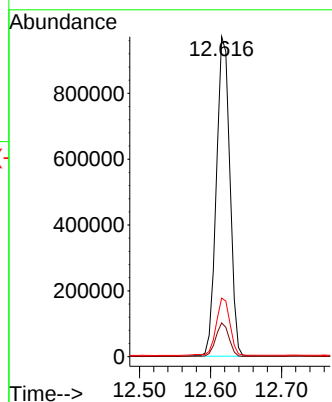
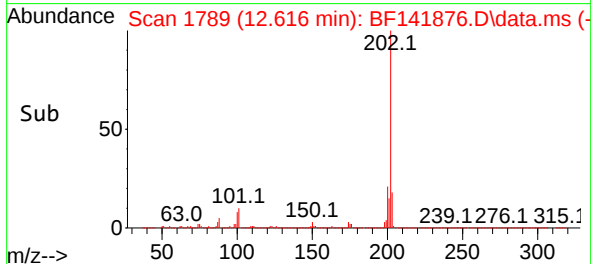
Instrument :
BNA_F
ClientSampleId :
RHL1PXIMSD



Tgt Ion:202 Resp: 1276768
Ion Ratio Lower Upper
202 100
101 10.6 0.0 32.8
203 18.3 0.0 38.0

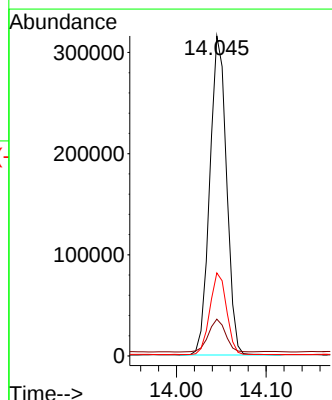
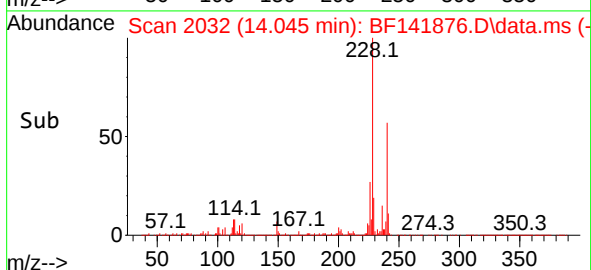
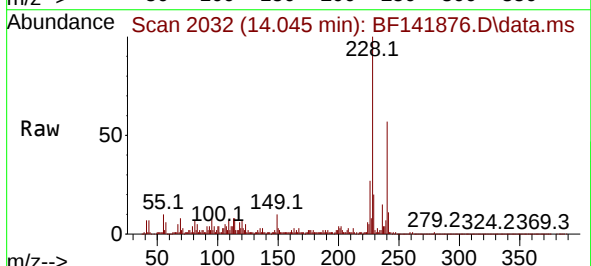
Manual Integrations
APPROVED

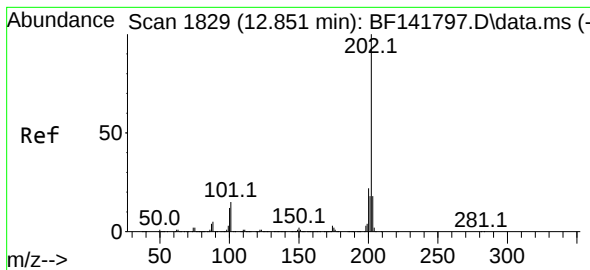
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

Tgt Ion:240 Resp: 408916
Ion Ratio Lower Upper
240 100
120 11.5 9.7 14.5
236 25.9 21.0 31.4





#78

Pyrene

Concen: 36.776 ng

RT: 12.845 min Scan# 1828

Delta R.T. -0.006 min

Lab File: BF141876.D

Acq: 06 Mar 2025 18:58

Instrument :

BNA_F

ClientSampleId :

RHL1PXIMSD

Tgt Ion:202 Resp: 1302220

Ion Ratio Lower Upper

202 100

200 21.2 17.4 26.0

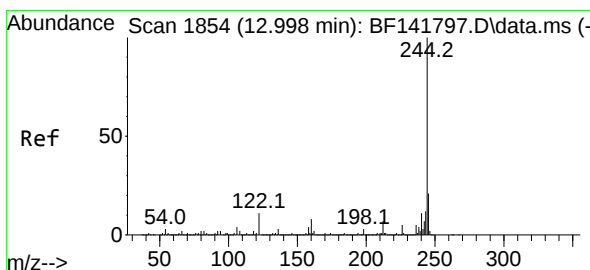
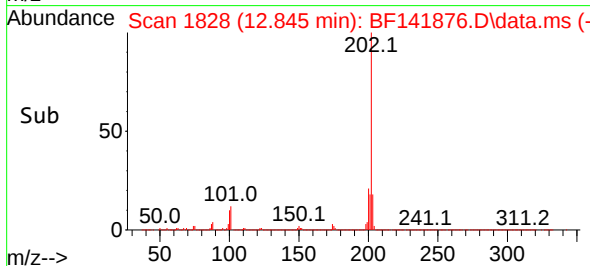
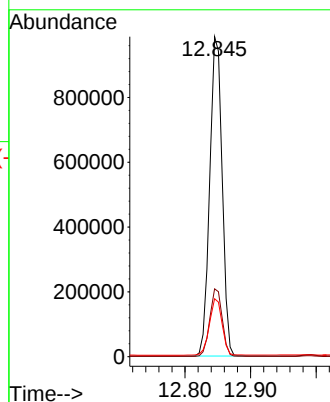
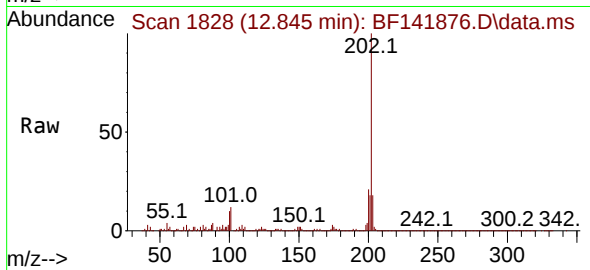
203 18.1 14.6 22.0

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/07/2025

Supervised By :Jagrut Upadhyay 03/07/2025



#79

Terphenyl-d14

Concen: 68.774 ng

RT: 12.992 min Scan# 1853

Delta R.T. -0.006 min

Lab File: BF141876.D

Acq: 06 Mar 2025 18:58

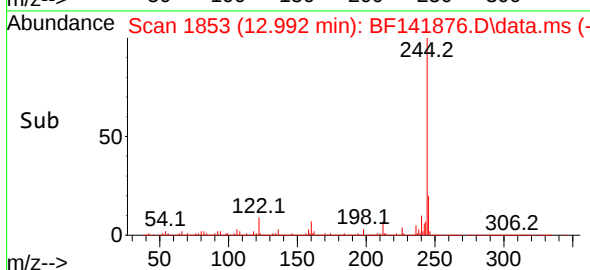
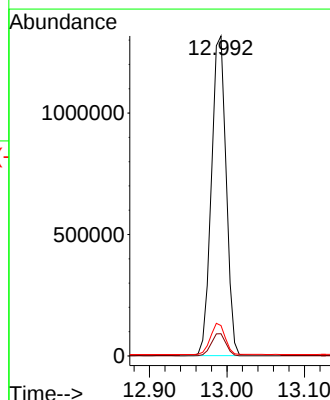
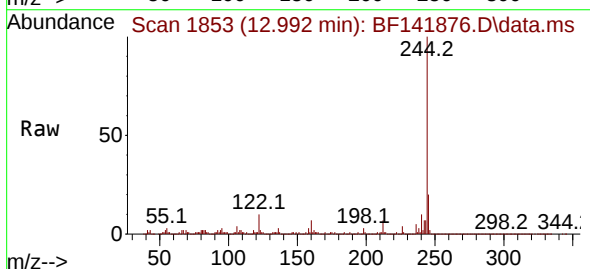
Tgt Ion:244 Resp: 1738196

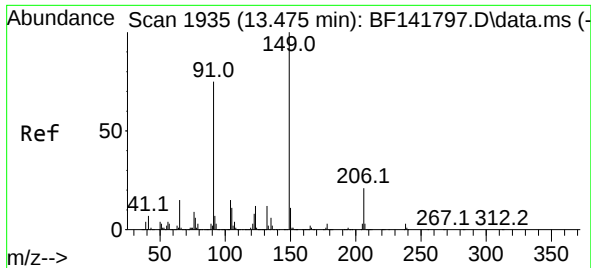
Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

122 9.5 9.0 13.6





#80
Butylbenzylphthalate
Concen: 41.711 ng
RT: 13.469 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

Instrument :

BNA_F

ClientSampleId :

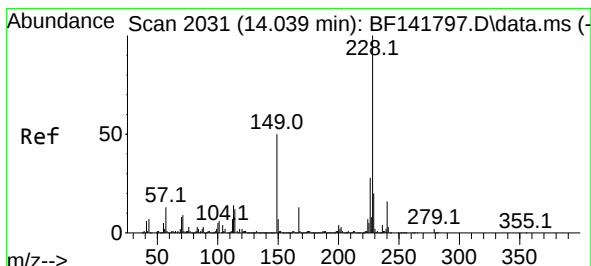
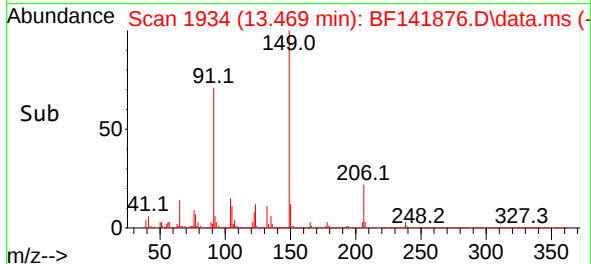
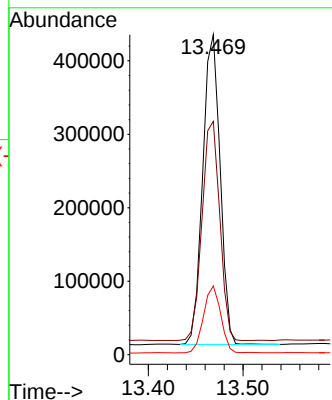
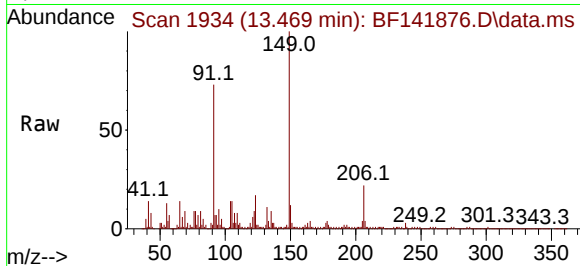
RHL1PXIMSD

Tgt Ion:149 Resp: 536612
Ion Ratio Lower Upper
149 100
91 72.9 60.1 90.1
206 21.5 16.8 25.2

Manual Integrations

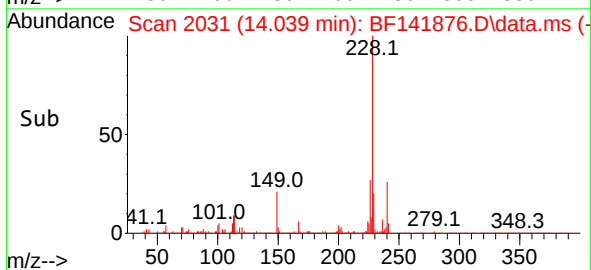
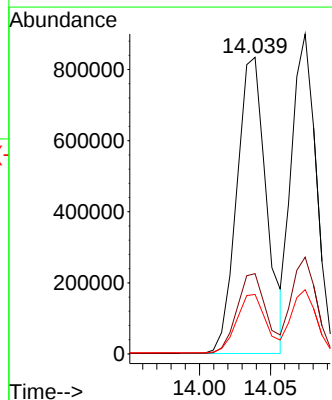
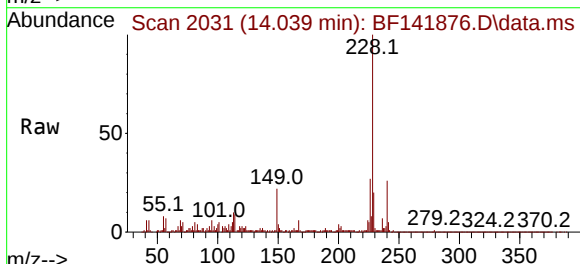
APPROVED

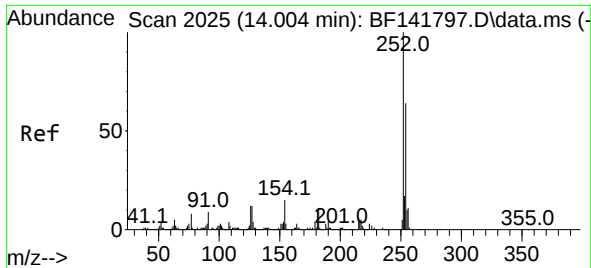
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025



#81
Benzo(a)anthracene
Concen: 44.781 ng
RT: 14.039 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

Tgt Ion:228 Resp: 1209514
Ion Ratio Lower Upper
228 100
226 27.1 22.1 33.1
229 20.0 16.1 24.1





#82
 3,3'-Dichlorobenzidine
 Concen: 2.621 ng
 RT: 13.998 min Scan# 2024
 Delta R.T. -0.006 min
 Lab File: BF141876.D
 Acq: 06 Mar 2025 18:58

Instrument :

BNA_F

ClientSampleId :

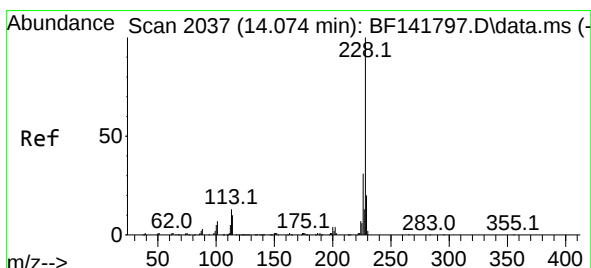
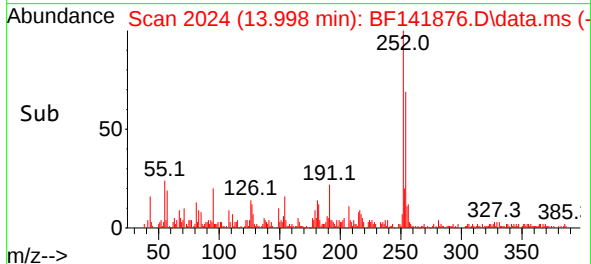
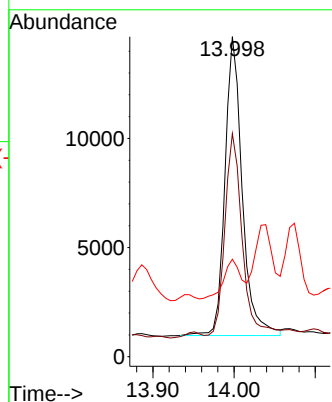
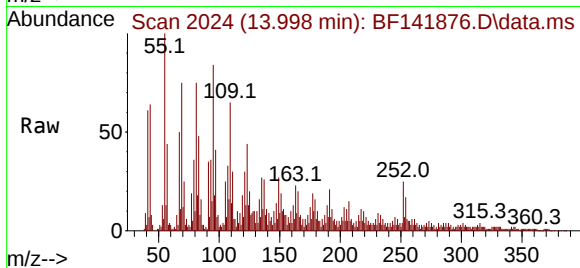
RHL1PXIMSD

Tgt Ion:252 Resp: 2030
 Ion Ratio Lower Upper
 252 100
 254 69.7 51.4 77.0
 126 30.4 9.8 14.6

Manual Integrations

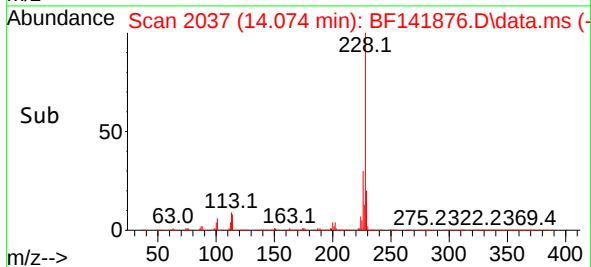
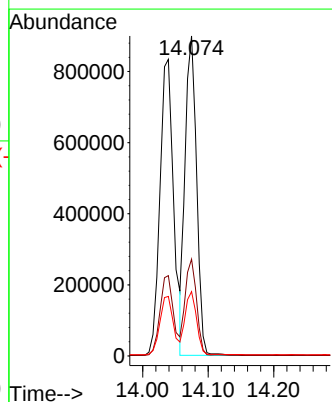
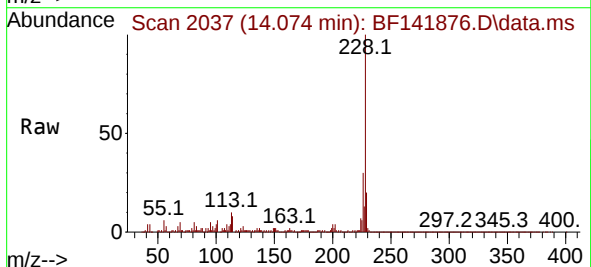
APPROVED

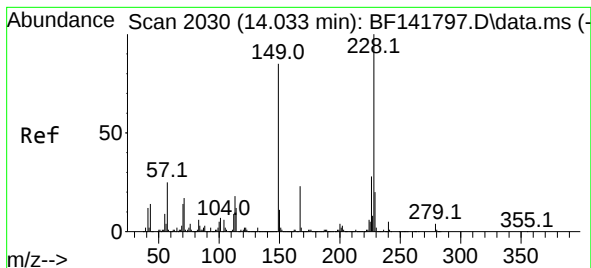
Reviewed By :Anahy Claudio 03/07/2025
 Supervised By :Jagrut Upadhyay 03/07/2025



#83
 Chrysene
 Concen: 43.577 ng
 RT: 14.074 min Scan# 2037
 Delta R.T. -0.000 min
 Lab File: BF141876.D
 Acq: 06 Mar 2025 18:58

Tgt Ion:228 Resp: 1084992
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.6 37.0
 229 20.1 16.1 24.1





#84
Bis(2-ethylhexyl)phthalate
Concen: 45.274 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

Instrument :

BNA_F

ClientSampleId :

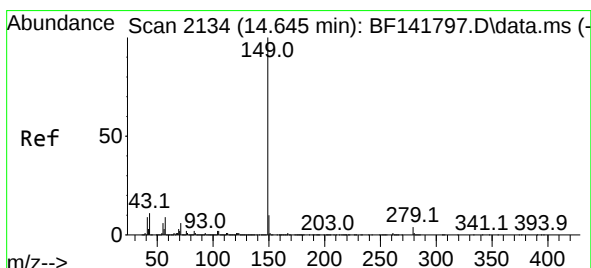
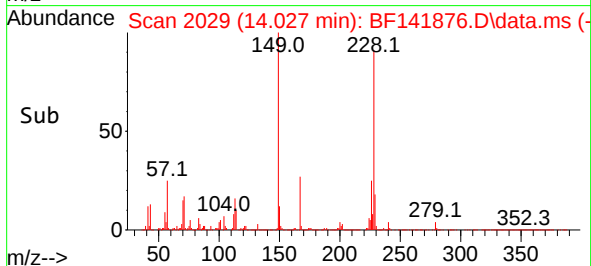
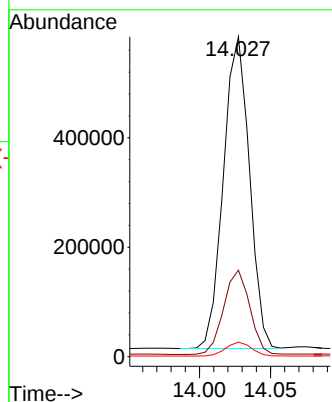
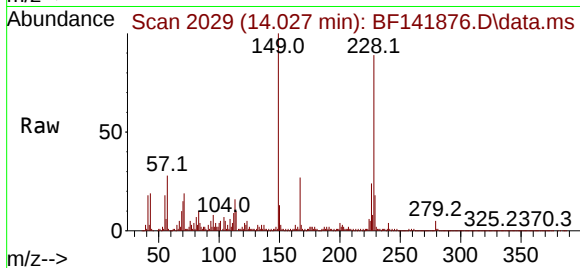
RHL1PXIMSD

Tgt Ion:149 Resp: 725244
Ion Ratio Lower Upper
149 100
167 27.0 21.2 31.8
279 4.5 3.3 4.9

Manual Integrations

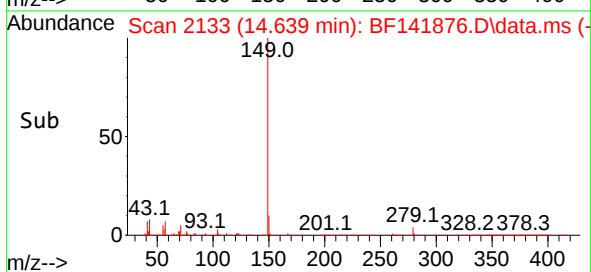
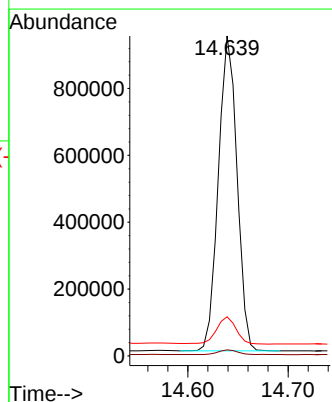
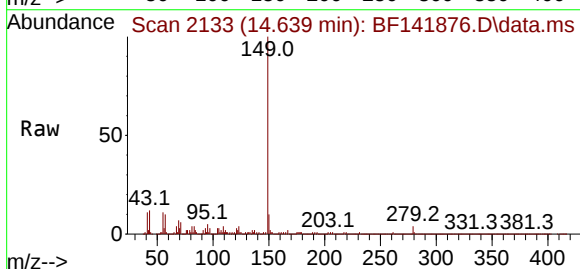
APPROVED

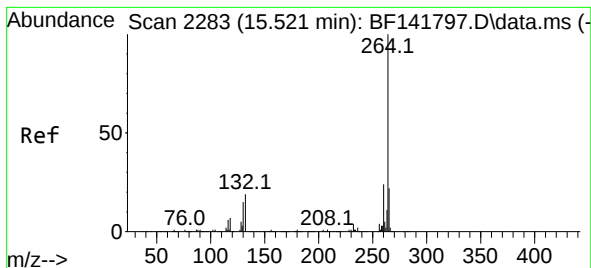
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025



#85
Di-n-octyl phthalate
Concen: 50.737 ng
RT: 14.639 min Scan# 2133
Delta R.T. -0.006 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

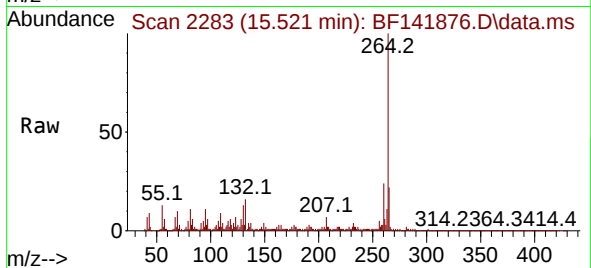
Tgt Ion:149 Resp: 1216781
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 9.0 8.6 12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2283
Delta R.T. -0.000 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

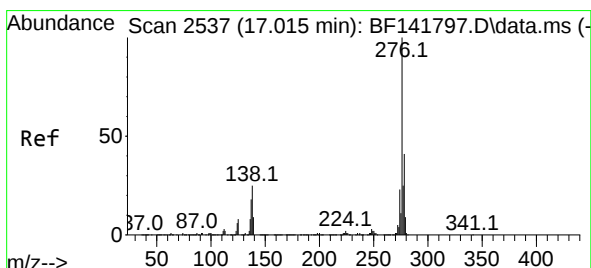
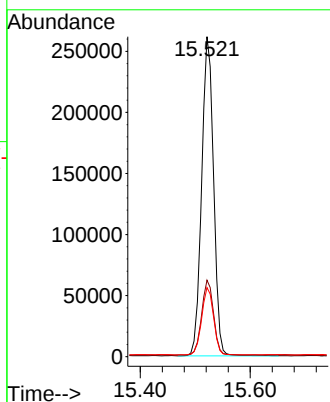
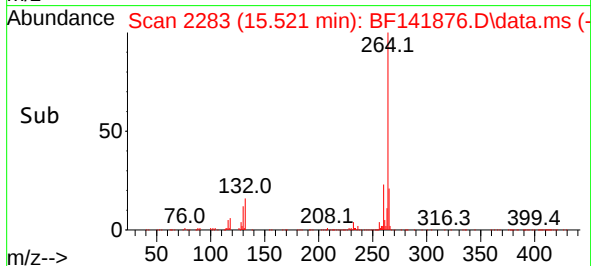
Instrument :
BNA_F
ClientSampleId :
RHL1PXIMSD



Tgt Ion:264 Resp: 392870
Ion Ratio Lower Upper
264 100
260 23.9 18.9 28.3
265 21.6 17.4 26.0

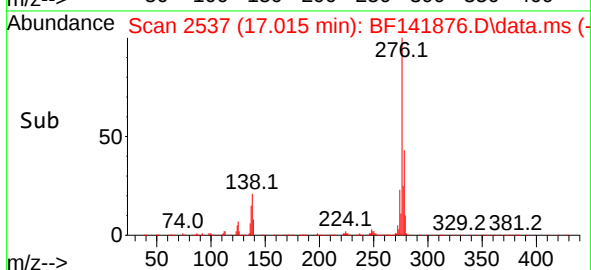
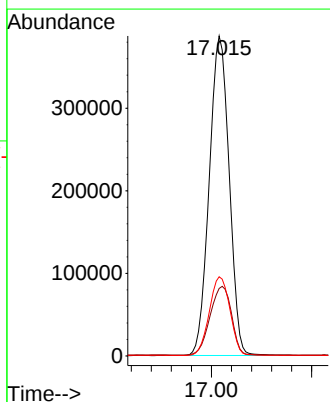
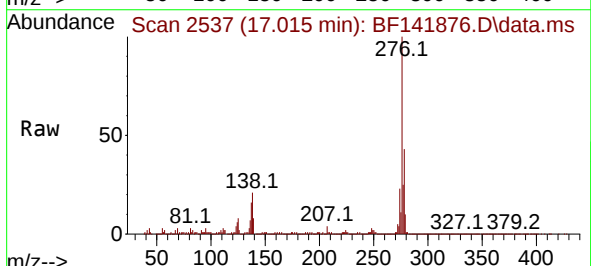
Manual Integrations
APPROVED

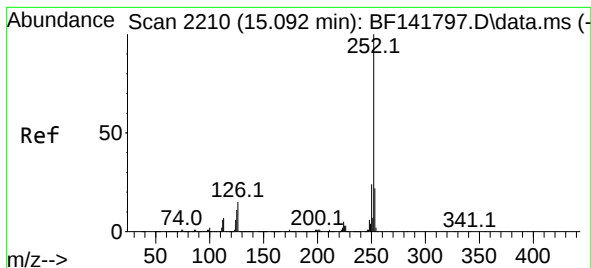
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025



#87
Indeno(1,2,3-cd)pyrene
Concen: 42.632 ng
RT: 17.015 min Scan# 2537
Delta R.T. -0.000 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

Tgt Ion:276 Resp: 1066521
Ion Ratio Lower Upper
276 100
138 23.3 22.5 33.7
277 25.5 20.3 30.5





#88

Benzo(b)fluoranthene

Concen: 43.672 ng

RT: 15.092 min Scan# 2210

Delta R.T. -0.000 min

Lab File: BF141876.D

Acq: 06 Mar 2025 18:58

Instrument :

BNF_F

ClientSampleId :

RHL1PXIMSD

Tgt Ion:252 Resp: 1168709

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

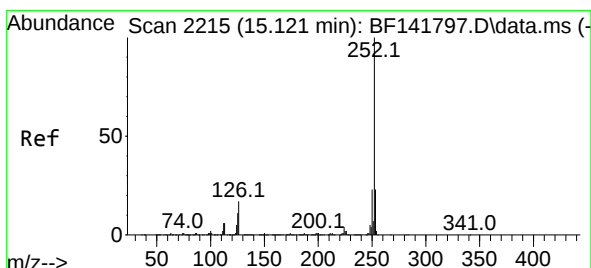
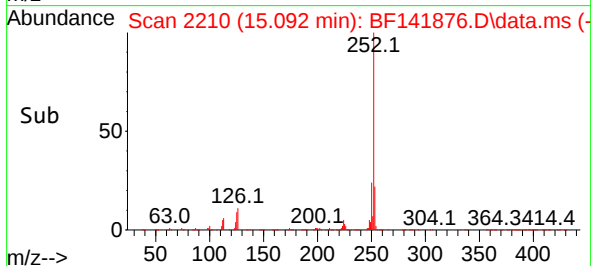
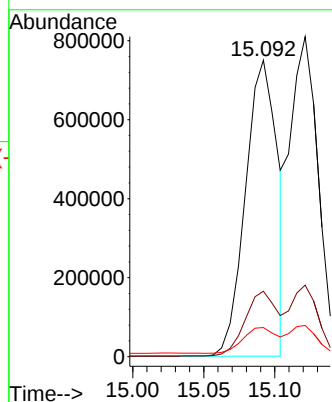
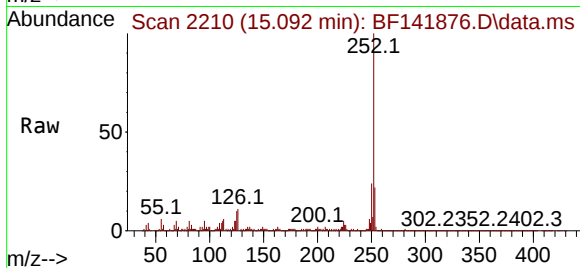
125 9.8 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/07/2025

Supervised By :Jagrut Upadhyay 03/07/2025



#89

Benzo(k)fluoranthene

Concen: 48.587 ng

RT: 15.121 min Scan# 2215

Delta R.T. -0.000 min

Lab File: BF141876.D

Acq: 06 Mar 2025 18:58

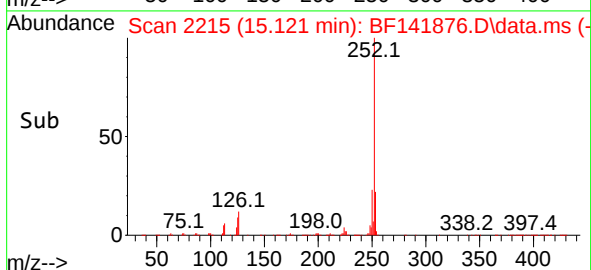
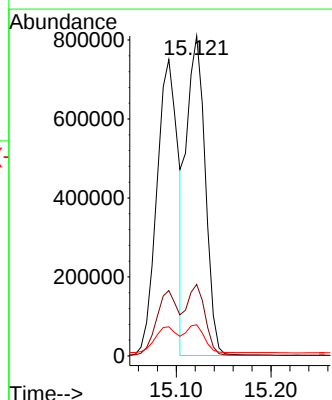
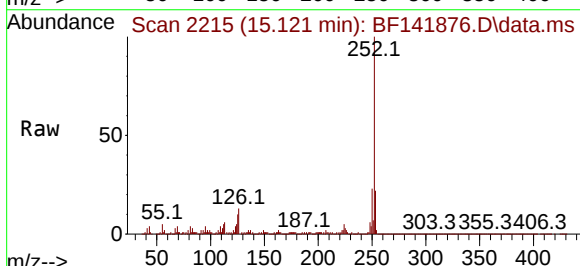
Tgt Ion:252 Resp: 1105159

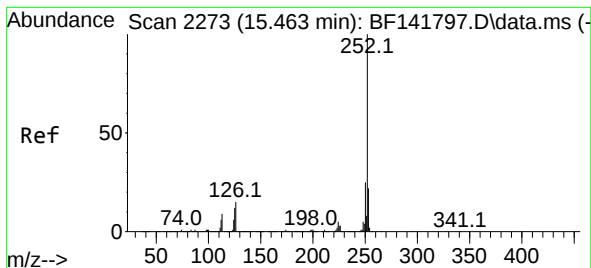
Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

125 9.7 8.8 13.2





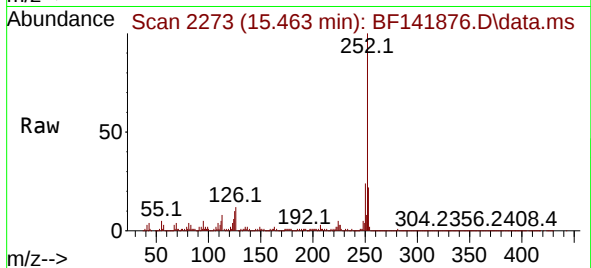
#90
Benzo(a)pyrene
Concen: 47.673 ng
RT: 15.463 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

Instrument :

BNA_F

ClientSampleId :

RHL1PXIMSD

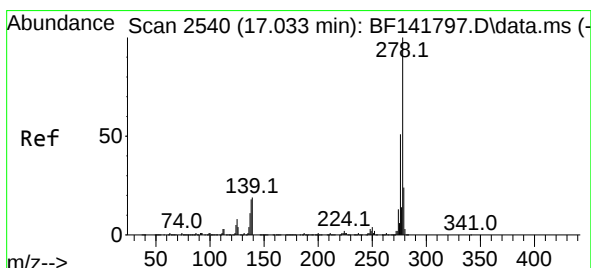
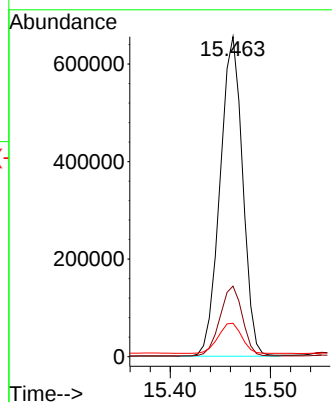
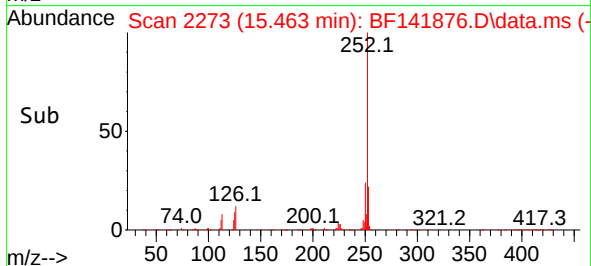


Tgt Ion:252 Resp: 102315
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 10.5 9.4 14.2

Manual Integrations

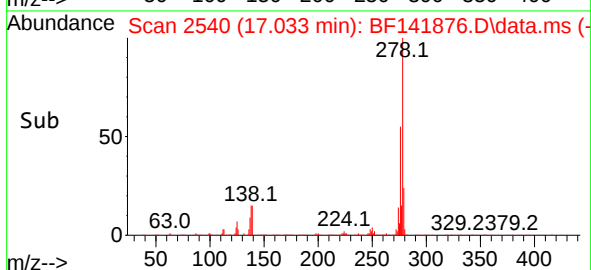
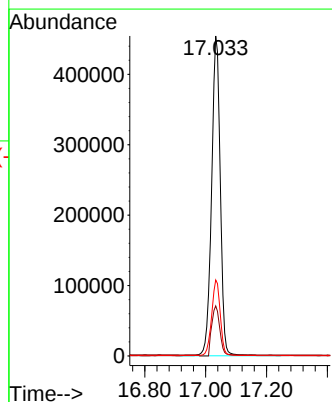
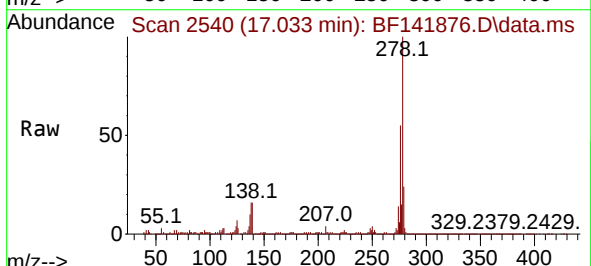
APPROVED

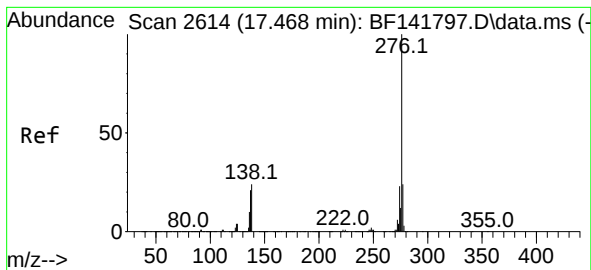
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025



#91
Dibenzo(a,h)anthracene
Concen: 44.164 ng
RT: 17.033 min Scan# 2540
Delta R.T. -0.000 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

Tgt Ion:278 Resp: 901828
Ion Ratio Lower Upper
278 100
139 15.6 14.9 22.3
279 23.7 19.3 28.9





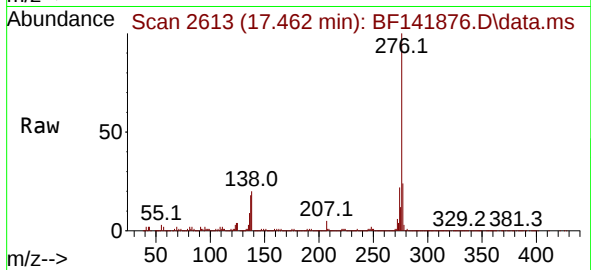
#92
 Benzo(g,h,i)perylene
 Concen: 37.849 ng
 RT: 17.462 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: BF141876.D
 Acq: 06 Mar 2025 18:58

Instrument :

BNA_F

ClientSampleId :

RHL1PXIMSD



Tgt Ion:276 Resp: 791785
 Ion Ratio Lower Upper
 276 100
 277 23.9 19.4 29.0
 138 20.3 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/07/2025
 Supervised By :Jagrut Upadhyay 03/07/2025

