

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032525\
 Data File : BF142086.D
 Acq On : 25 Mar 2025 19:08
 Operator : RC/JU
 Sample : Q1627-01MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GRID-LINE-1.2-NORTHMS

Quant Time: Mar 25 21:49:49 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 03/26/2025
 Supervised By :Jagrut Upadhyay 03/26/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	146933	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	568677	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	316885	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	518084	20.000	ng	0.00
76) Chrysene-d12	14.033	240	312206	20.000	ng	0.00
86) Perylene-d12	15.504	264	310091	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1268309	144.063	ng	0.02
7) Phenol-d6	6.510	99	1509407	134.657	ng	0.00
23) Nitrobenzene-d5	7.439	82	1089492	107.815	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	720328	179.181	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	2259840	108.455	ng	0.00
79) Terphenyl-d14	12.980	244	2406993	113.983	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.863	88	151446	41.055	ng	# 84
3) Pyridine	3.563	79	366307	40.483	ng	97
4) n-Nitrosodimethylamine	3.504	42	196013	45.444	ng	95
6) Aniline	6.540	93	183049	16.554	ng	# 79
8) 2-Chlorophenol	6.663	128	509273	52.157	ng	97
9) Benzaldehyde	6.428	77	203274	32.425	ng	99
10) Phenol	6.522	94	529693	44.918	ng	96
11) bis(2-Chloroethyl)ether	6.610	93	448774	50.681	ng	98
12) 1,3-Dichlorobenzene	6.816	146	479092	45.448	ng	99
13) 1,4-Dichlorobenzene	6.892	146	488512	45.802	ng	99
14) 1,2-Dichlorobenzene	7.045	146	472132	46.997	ng	98
15) Benzyl Alcohol	7.016	79	449377	49.589	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	449981	42.093	ng	86
17) 2-Methylphenol	7.128	107	405943	52.289	ng	98
18) Hexachloroethane	7.386	117	178215	44.559	ng	95
19) n-Nitroso-di-n-propyla...	7.292	70	333411	46.290	ng	98
20) 3+4-Methylphenols	7.281	107	507226	51.008	ng	# 82
22) Acetophenone	7.287	105	672931	49.413	ng	98
24) Nitrobenzene	7.457	77	512957	51.062	ng	98
25) Isophorone	7.698	82	952044	53.298	ng	98
26) 2-Nitrophenol	7.769	139	278126	56.410	ng	99
27) 2,4-Dimethylphenol	7.804	122	483286	71.186	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	564703	50.404	ng	100
29) 2,4-Dichlorophenol	8.010	162	458791	54.444	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	470179	50.630	ng	98
31) Naphthalene	8.175	128	1422153	48.684	ng	100
32) Benzoic acid	7.886	122	75657	12.678	ng	95
33) 4-Chloroaniline	8.222	127	103216	10.009	ng	97
34) Hexachlorobutadiene	8.292	225	302949	50.023	ng	99
35) Caprolactam	8.598	113	98996m	38.533	ng	
36) 4-Chloro-3-methylphenol	8.710	107	498429	53.024	ng	97
37) 2-Methylnaphthalene	8.869	142	906891	46.446	ng	99
38) 1-Methylnaphthalene	8.969	142	951247	50.485	ng	99
40) 1,2,4,5-Tetrachloroben...	9.033	216	522066	54.112	ng	98
41) Hexachlorocyclopentadiene	9.022	237	642920	170.275	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	358467	56.852	ng	99

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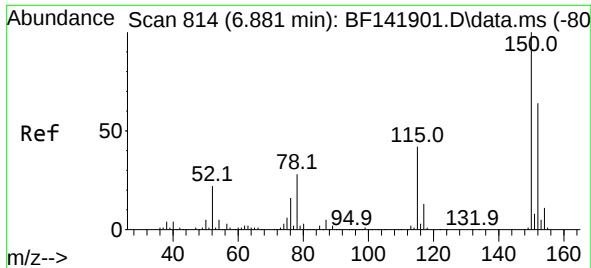
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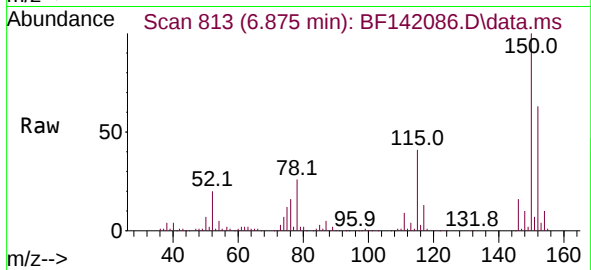
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44) 2,4,5-Trichlorophenol	9.186	196	379160	59.374	ng	98
46) 1,1'-Biphenyl	9.333	154	1300049	53.995	ng	99
47) 2-Chloronaphthalene	9.357	162	986031	54.944	ng	99
48) 2-Nitroaniline	9.451	65	287819	55.391	ng	99
49) Acenaphthylene	9.775	152	1557783	58.494	ng	100
50) Dimethylphthalate	9.633	163	1213224	54.673	ng	100
51) 2,6-Dinitrotoluene	9.698	165	263762	57.088	ng	92
52) Acenaphthene	9.945	154	1015525	54.262	ng	100
53) 3-Nitroaniline	9.863	138	120897	25.796	ng	97
54) 2,4-Dinitrophenol	9.969	184	122940	49.557	ng	# 49
55) Dibenzofuran	10.116	168	1404534	52.522	ng	100
56) 4-Nitrophenol	10.028	139	327646	92.703	ng	96
57) 2,4-Dinitrotoluene	10.098	165	361487	59.903	ng	100
58) Fluorene	10.463	166	1119768	54.298	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	314773	54.168	ng	97
60) Diethylphthalate	10.333	149	1147622	51.865	ng	99
61) 4-Chlorophenyl-phenylether	10.451	204	591499	55.015	ng	97
62) 4-Nitroaniline	10.480	138	228701	50.123	ng	96
63) Azobenzene	10.610	77	1019407	49.554	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	125290	40.566	ng	98
66) n-Nitrosodiphenylamine	10.569	169	968937	57.794	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	384118	59.036	ng	99
68) Hexachlorobenzene	11.010	284	439777	61.626	ng	94
69) Atrazine	11.098	200	325948	63.419	ng	99
70) Pentachlorophenol	11.204	266	348412	79.242	ng	100
71) Phenanthrene	11.422	178	1589931	56.817	ng	100
72) Anthracene	11.474	178	1604976	57.168	ng	100
73) Carbazole	11.627	167	1290645	53.306	ng	100
74) Di-n-butylphthalate	11.957	149	1624422	50.563	ng	99
75) Fluoranthene	12.610	202	1487505	50.112	ng	99
77) Benzidine	12.733	184	76495	17.561	ng	# 91
78) Pyrene	12.839	202	1422899	52.688	ng	99
80) Butylbenzylphthalate	13.451	149	522765	49.456	ng	99
81) Benzo(a)anthracene	14.027	228	1164345	56.833	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	101558	17.154	ng	100
83) Chrysene	14.063	228	1025756	55.235	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	706132	48.451	ng	100
85) Di-n-octyl phthalate	14.621	149	1175417	57.964	ng	98
87) Indeno(1,2,3-cd)pyrene	16.998	276	1047831	52.237	ng	97
88) Benzo(b)fluoranthene	15.074	252	1148776	54.054	ng	99
89) Benzo(k)fluoranthene	15.104	252	989040	54.381	ng	100
90) Benzo(a)pyrene	15.445	252	982295	59.071	ng	100
91) Dibenzo(a,h)anthracene	17.015	278	843735	50.979	ng	98
92) Benzo(g,h,i)perylene	17.445	276	795340	48.629	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF142086.D
Acq: 25 Mar 2025 19:08

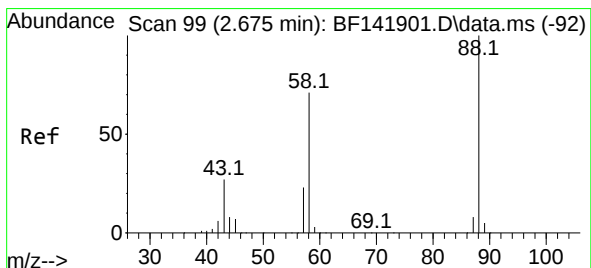
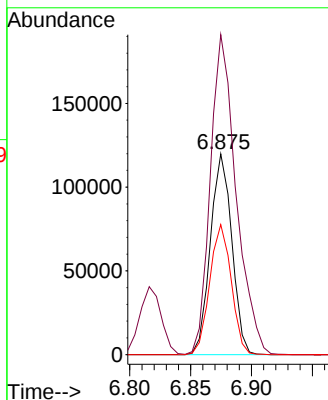
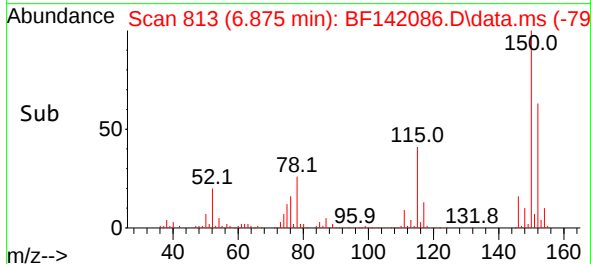
Instrument :
BNA_F
ClientSampleId :
GRID-LINE-1.2-NORTHMS



Tgt Ion:152 Resp: 146933
Ion Ratio Lower Upper
152 100
150 159.4 127.4 191.2
115 64.8 51.9 77.9

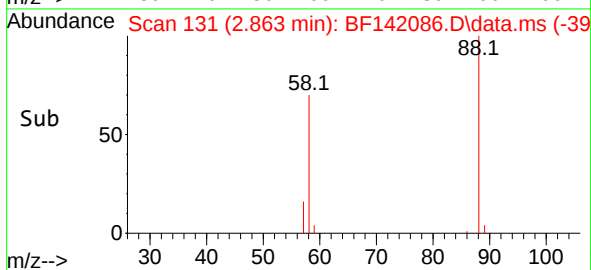
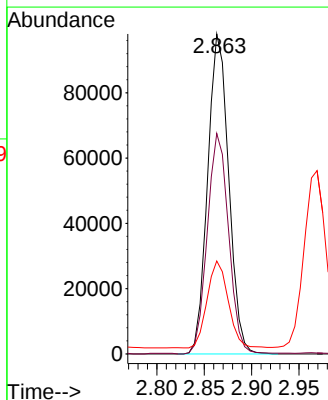
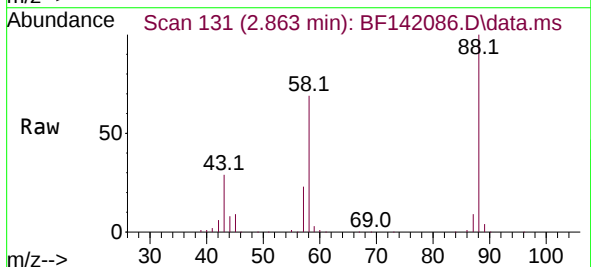
Manual Integrations
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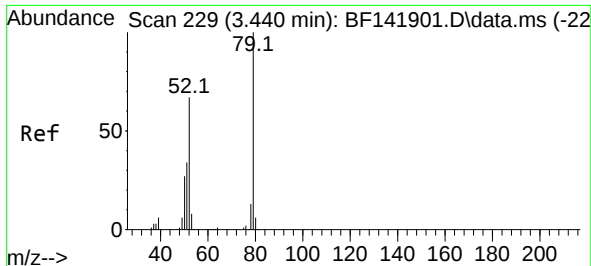
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#2
1,4-Dioxane
Concen: 41.055 ng
RT: 2.863 min Scan# 131
Delta R.T. 0.188 min
Lab File: BF142086.D
Acq: 25 Mar 2025 19:08

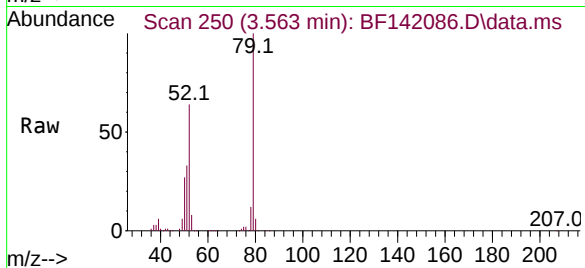
Tgt Ion: 88 Resp: 151446
Ion Ratio Lower Upper
88 100
58 70.0 57.4 86.2
43 0.0 21.5 32.3





#3
Pyridine
Concen: 40.483 ng
RT: 3.563 min Scan# 21
Delta R.T. 0.124 min
Lab File: BF142086.D
Acq: 25 Mar 2025 19:08

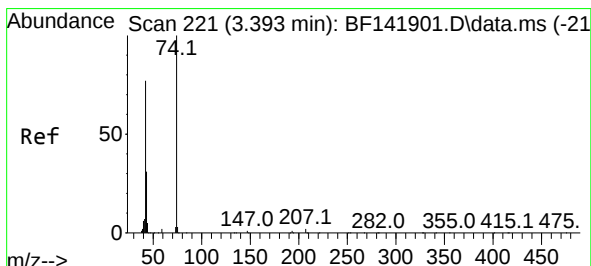
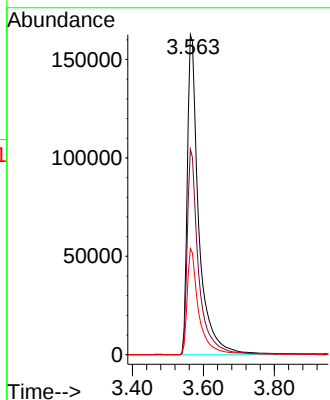
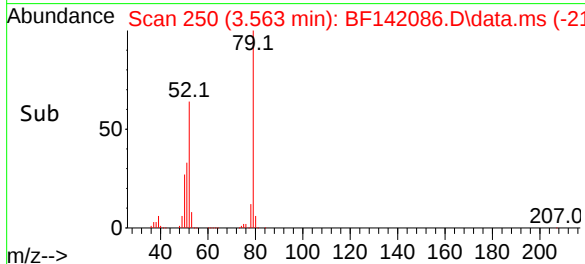
Instrument :
BNA_F
ClientSampleId :
GRID-LINE-1.2-NORTHMS



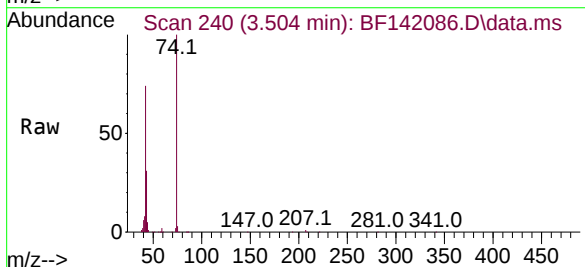
Tgt Ion: 79 Resp: 366307
Ion Ratio Lower Upper
79 100
52 64.2 53.3 79.9
51 33.2 27.6 41.4

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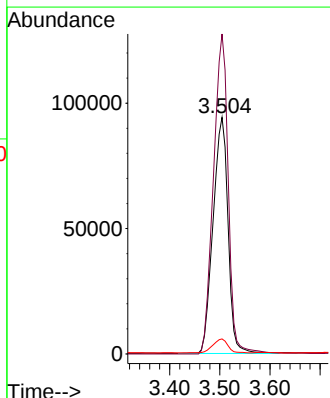
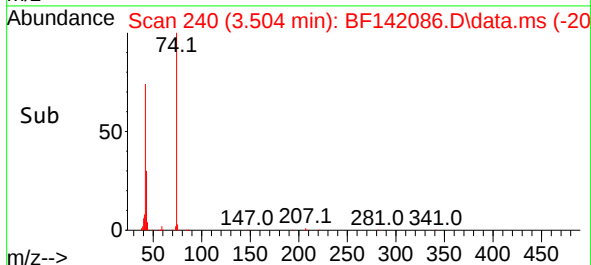
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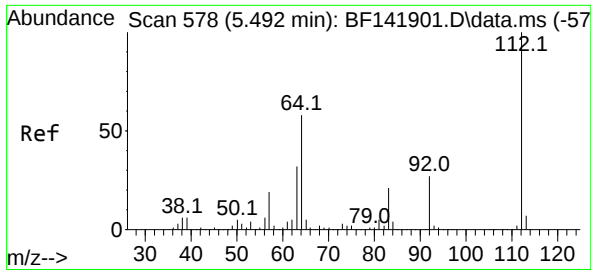


#4
n-Nitrosodimethylamine
Concen: 45.444 ng
RT: 3.504 min Scan# 240
Delta R.T. 0.112 min
Lab File: BF142086.D
Acq: 25 Mar 2025 19:08



Tgt Ion: 42 Resp: 196013
Ion Ratio Lower Upper
42 100
74 135.3 103.4 155.0
44 6.3 5.0 7.4





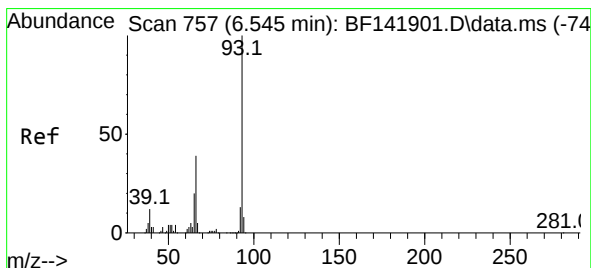
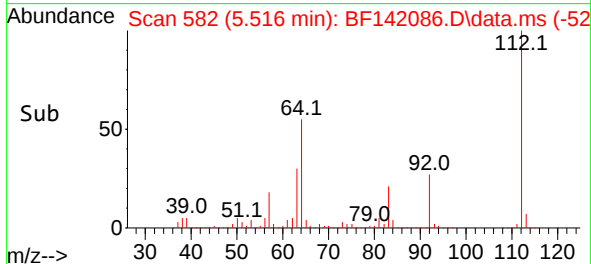
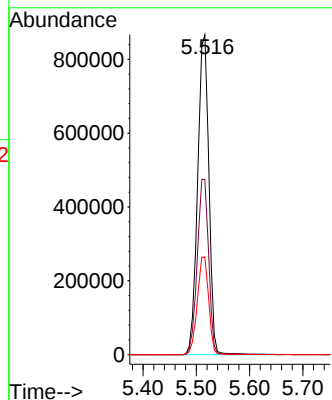
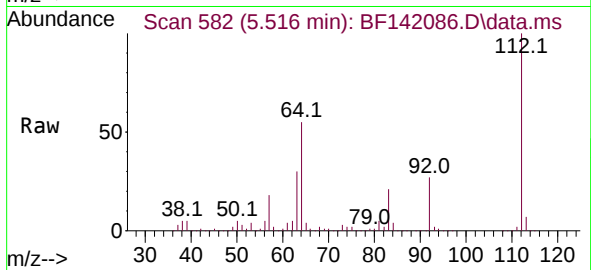
#5
2-Fluorophenol
Concen: 144.063 ng
RT: 5.516 min Scan# 581
Delta R.T. 0.024 min
Lab File: BF142086.D
Acq: 25 Mar 2025 19:08

Instrument :
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ClientSampleId :
GRID-LINE-1.2-NORTHMS

Tgt Ion: 112 Resp: 1268309
Ion Ratio Lower Upper
112 100
64 54.7 46.5 69.7
63 30.5 25.4 38.2

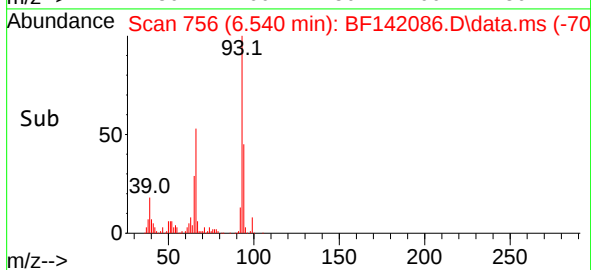
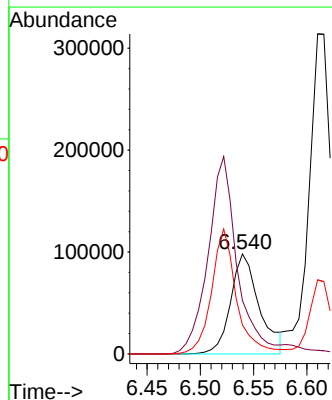
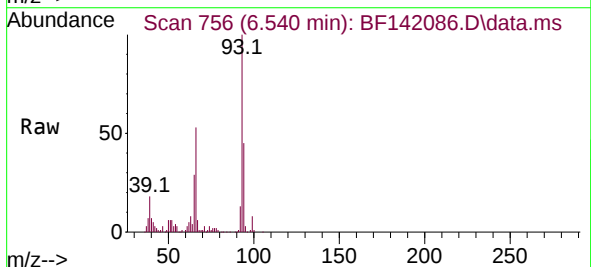
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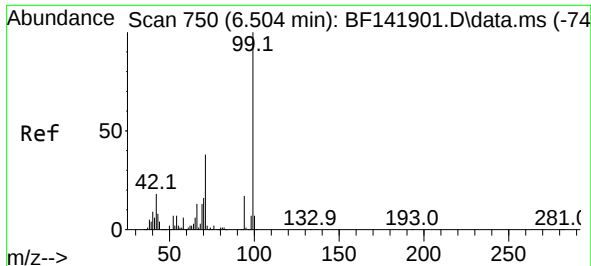
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#6
Aniline
Concen: 16.554 ng
RT: 6.540 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF142086.D
Acq: 25 Mar 2025 19:08

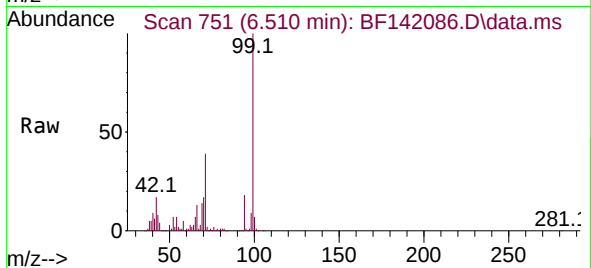
Tgt Ion: 93 Resp: 183049
Ion Ratio Lower Upper
93 100
66 53.4 31.9 47.9#
65 28.8 15.8 23.6#





#7
Phenol-d6
Concen: 134.657 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF142086.D
Acq: 25 Mar 2025 19:08

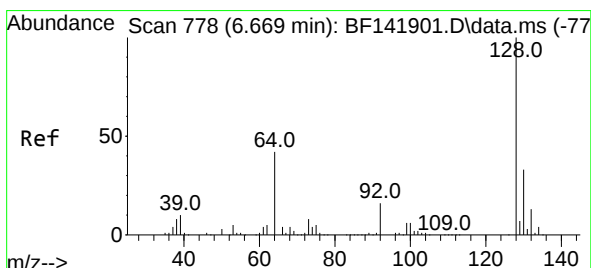
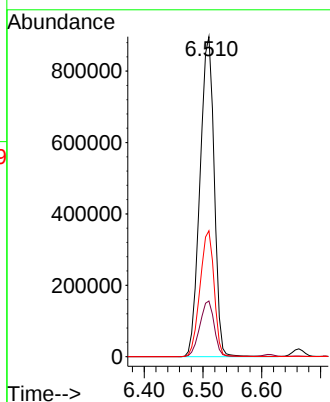
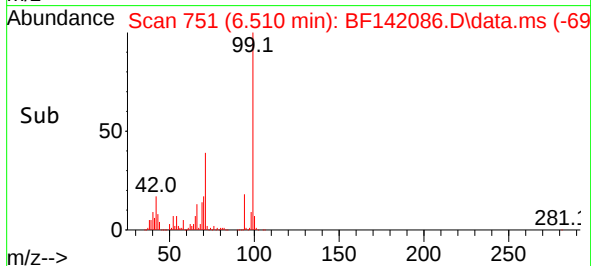
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Tgt Ion: 99 Resp: 150940
Ion Ratio Lower Upper
99 100
42 17.4 14.6 21.8
71 39.3 30.8 46.2

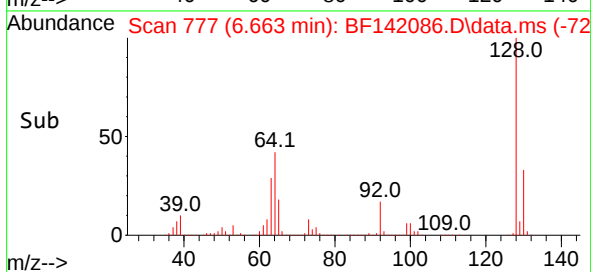
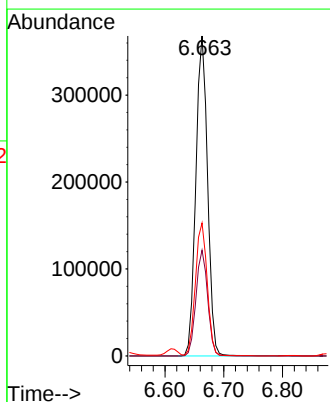
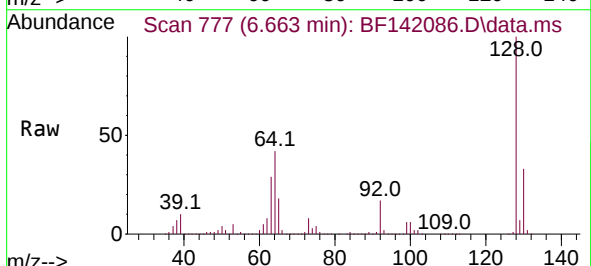
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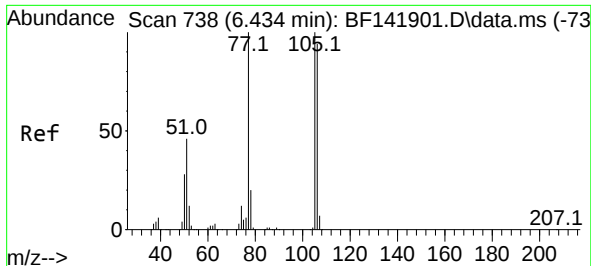
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#8
2-Chlorophenol
Concen: 52.157 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.006 min
Lab File: BF142086.D
Acq: 25 Mar 2025 19:08

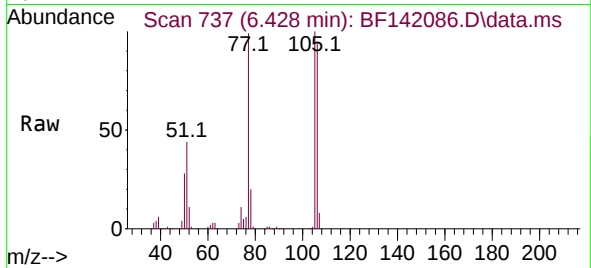
Tgt Ion:128 Resp: 509273
Ion Ratio Lower Upper
128 100
130 33.0 12.8 52.8
64 41.5 24.4 64.4





#9
Benzaldehyde
Concen: 32.425 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF142086.D
Acq: 25 Mar 2025 19:08

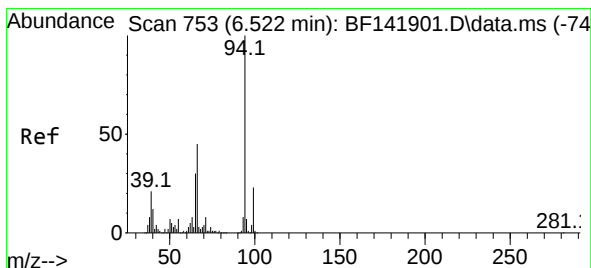
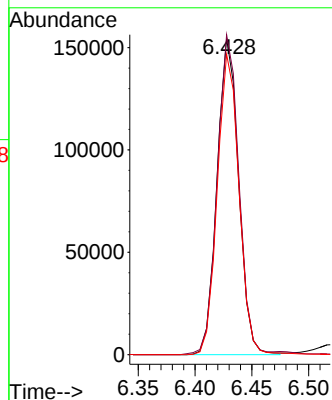
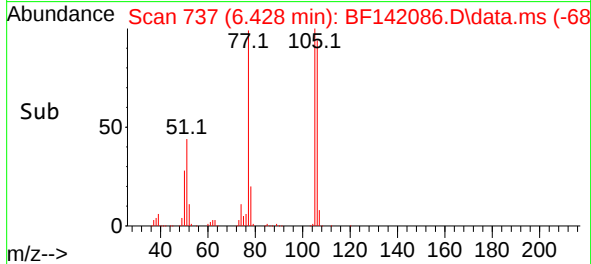
Instrument :
BNA_F
ClientSampleId :
GRID-LINE-1.2-NORTHMS



Tgt Ion: 77 Resp: 203274
Ion Ratio Lower Upper
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105 101.2 80.0 120.0
106 95.1 74.5 114.5

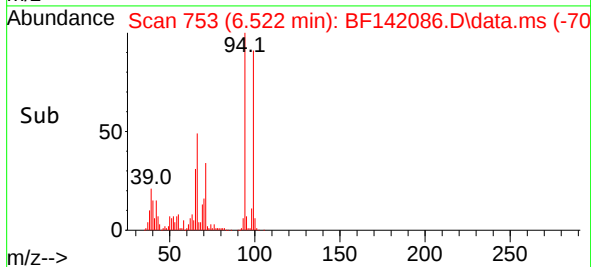
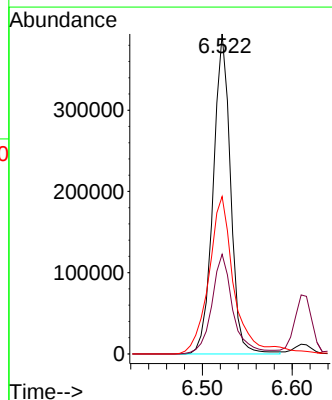
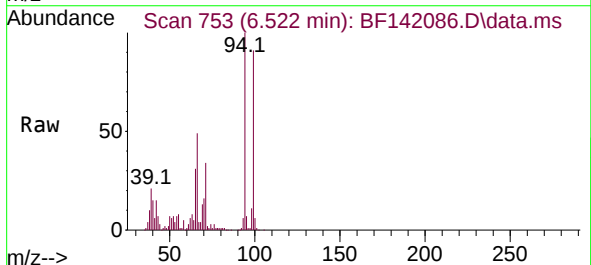
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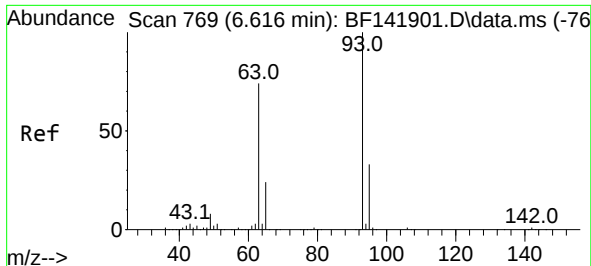
Reviewed By :Anahy Claudio 03/26/2025
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#10
Phenol
Concen: 44.918 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF142086.D
Acq: 25 Mar 2025 19:08

Tgt Ion: 94 Resp: 529693
Ion Ratio Lower Upper
94 100
65 31.1 10.5 50.5
66 49.2 25.8 65.8





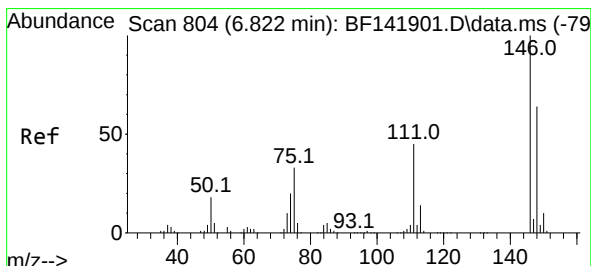
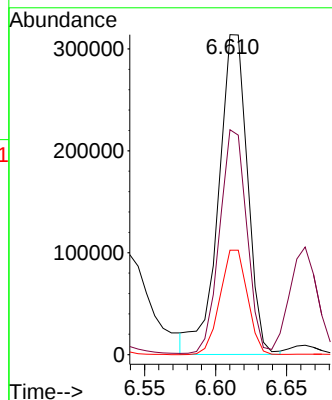
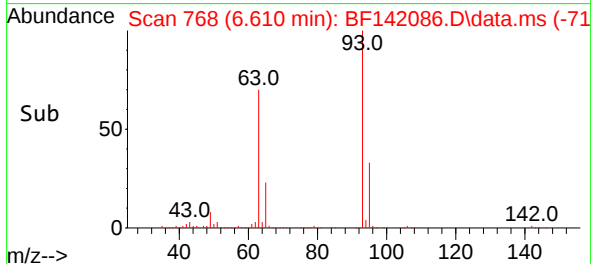
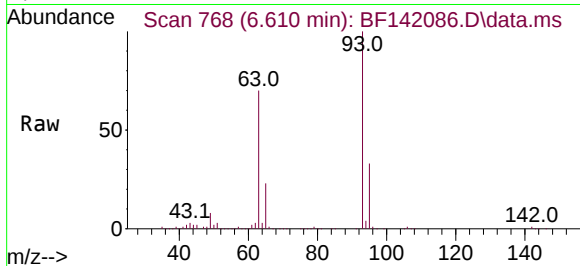
#11
bis(2-Chloroethyl)ether
Concen: 50.681 ng
RT: 6.610 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF142086.D
Acq: 25 Mar 2025 19:08

Instrument :
BNA_F
ClientSampleId :
GRID-LINE-1.2-NORTHMS

Tgt Ion: 93 Resp: 448774
Ion Ratio Lower Upper
93 100
63 70.3 53.0 93.0
95 32.6 12.9 52.9

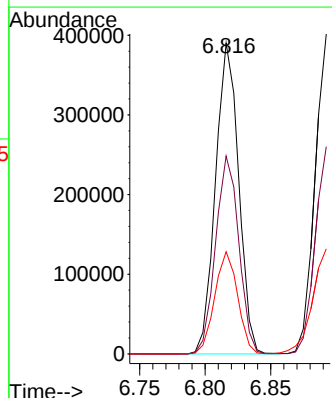
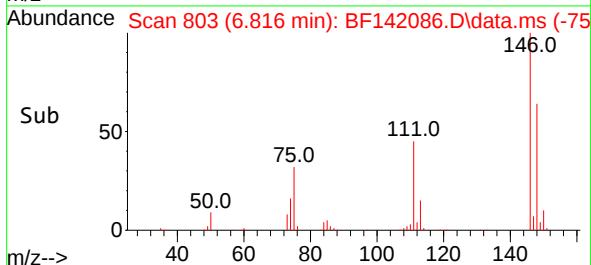
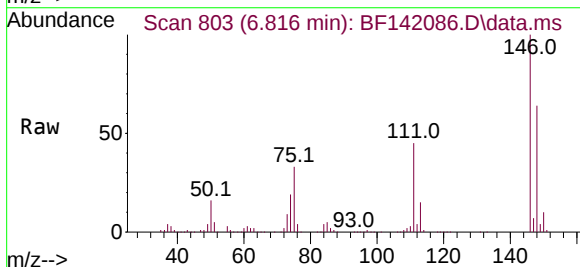
Manual Integrations
APPROVED

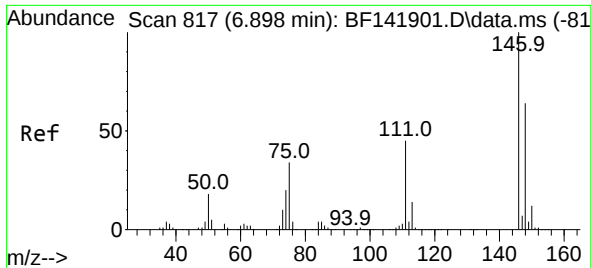
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#12
1,3-Dichlorobenzene
Concen: 45.448 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF142086.D
Acq: 25 Mar 2025 19:08

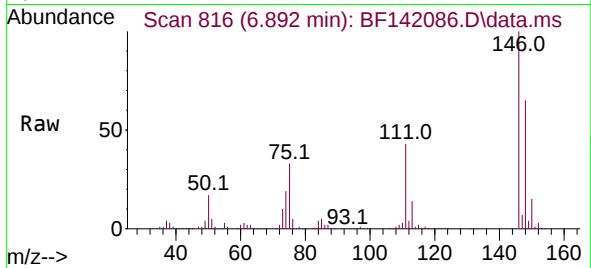
Tgt Ion:146 Resp: 479092
Ion Ratio Lower Upper
146 100
148 63.7 51.3 76.9
75 32.9 26.6 40.0





#13
1,4-Dichlorobenzene
Concen: 45.802 ng
RT: 6.892 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142086.D
Acq: 25 Mar 2025 19:08

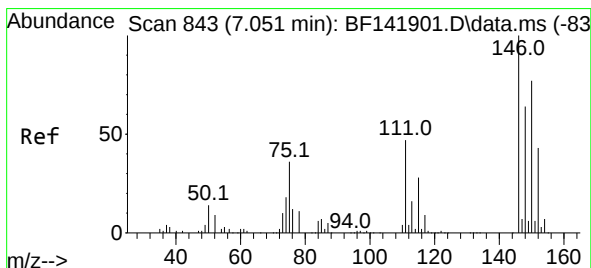
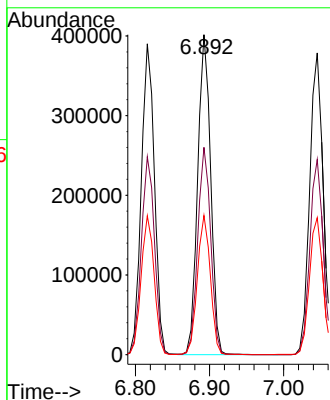
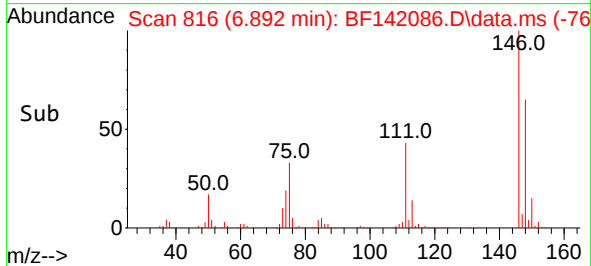
Instrument :
BNA_F
ClientSampleId :
GRID-LINE-1.2-NORTHMS



Tgt Ion:146 Resp: 488512
Ion Ratio Lower Upper
146 100
148 64.8 51.0 76.6
111 43.5 35.7 53.5

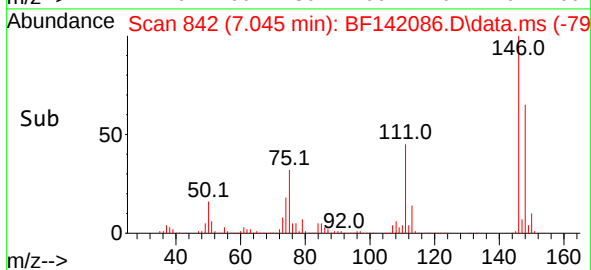
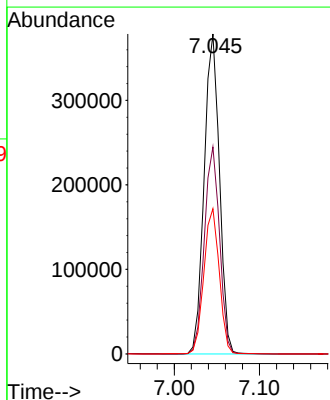
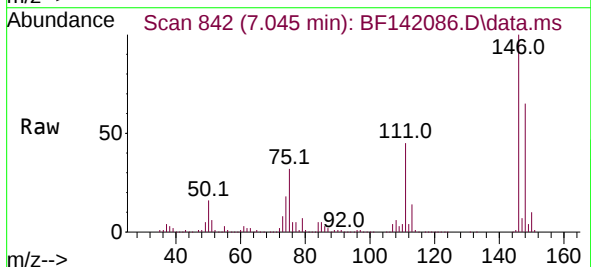
Manual Integrations
APPROVED

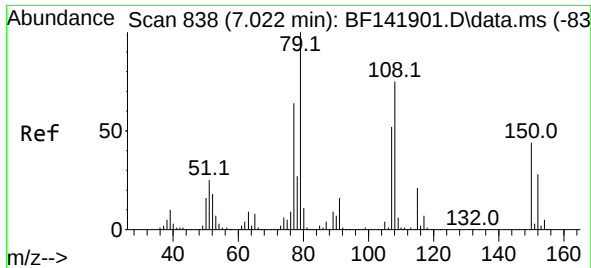
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#14
1,2-Dichlorobenzene
Concen: 46.997 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF142086.D
Acq: 25 Mar 2025 19:08

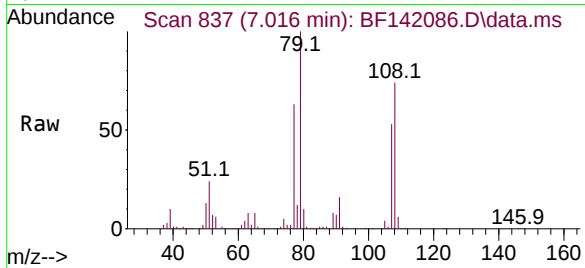
Tgt Ion:146 Resp: 472132
Ion Ratio Lower Upper
146 100
148 64.7 50.8 76.2
111 45.4 38.0 57.0





#15
Benzyl Alcohol
Concen: 49.589 ng
RT: 7.016 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF142086.D
Acq: 25 Mar 2025 19:08

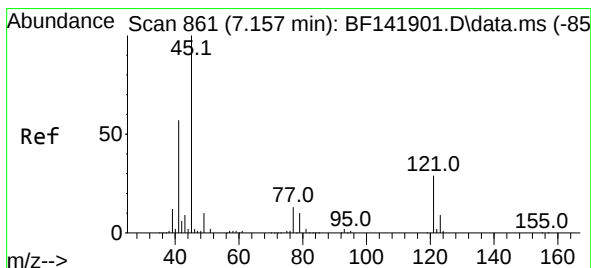
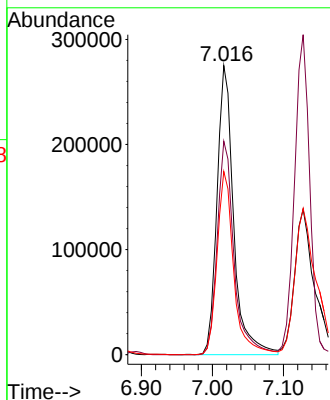
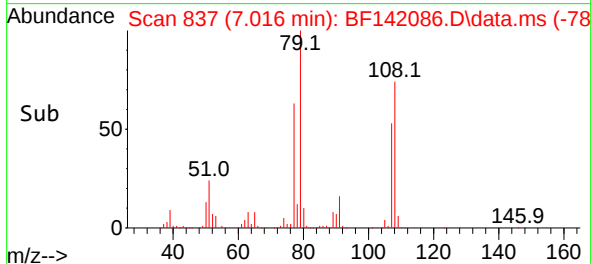
Instrument :
BNA_F
ClientSampleId :
GRID-LINE-1.2-NORTHMS



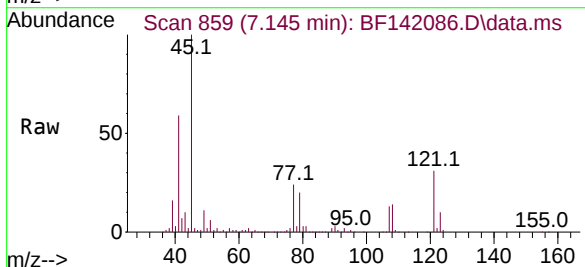
Tgt Ion: 79 Resp: 449372
Ion Ratio Lower Upper
79 100
108 73.8 59.7 89.5
77 63.4 51.0 76.6

Manual Integrations
APPROVED

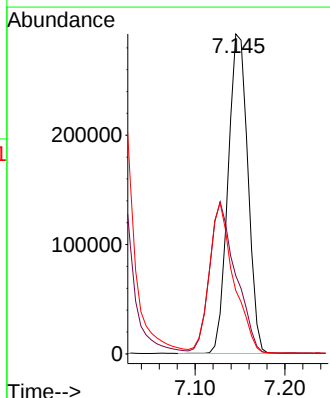
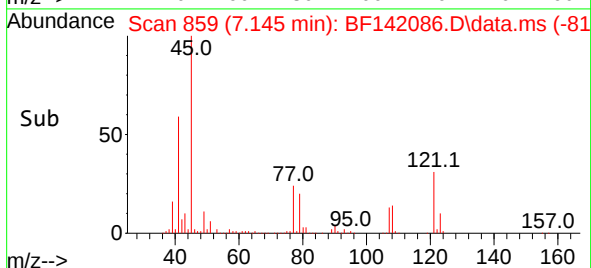
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025

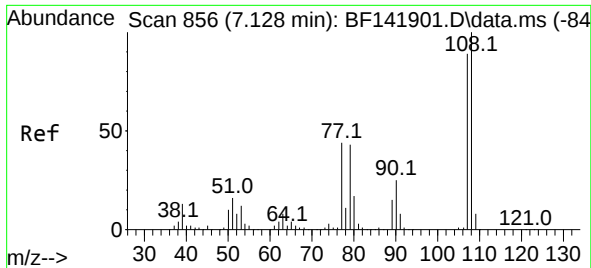


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.093 ng
RT: 7.145 min Scan# 859
Delta R.T. -0.012 min
Lab File: BF142086.D
Acq: 25 Mar 2025 19:08



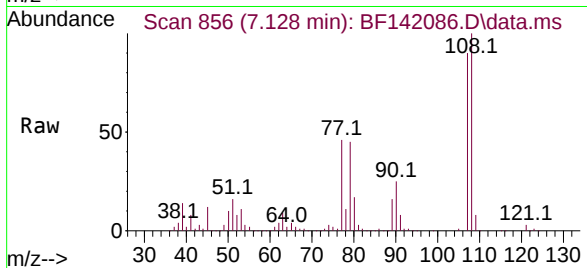
Tgt Ion: 45 Resp: 449981
Ion Ratio Lower Upper
45 100
77 24.4 0.0 37.8
79 19.8 0.0 34.2





#17
2-Methylphenol
Concen: 52.289 ng
RT: 7.128 min Scan# 856
Delta R.T. 0.000 min
Lab File: BF142086.D
Acq: 25 Mar 2025 19:08

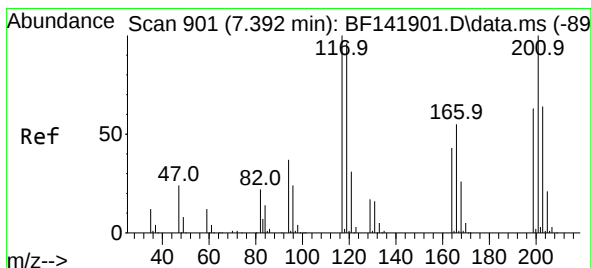
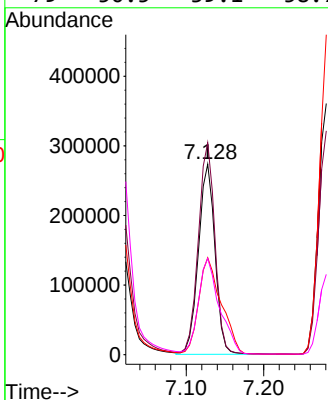
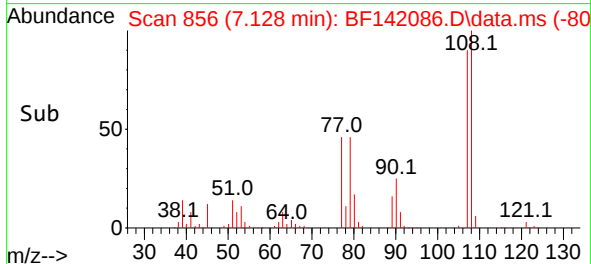
Instrument :
BNA_F
Client SampleId :
GRID-LINE-1.2-NORTHMS



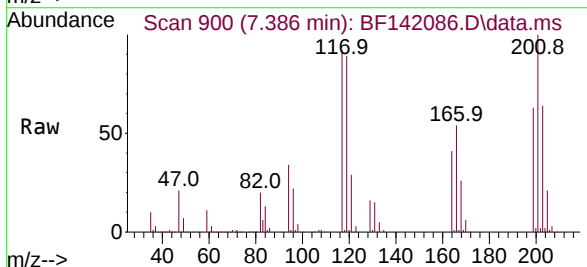
Tgt Ion:107 Resp: 405943
Ion Ratio Lower Upper
107 100
108 111.3 90.2 135.2
77 50.8 39.6 59.4
79 50.5 39.1 58.7

Manual Integrations
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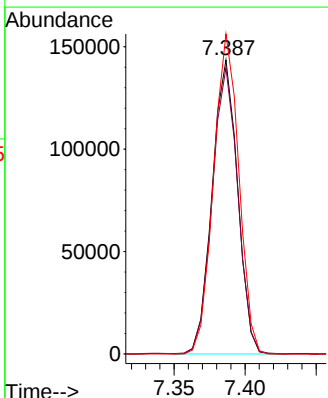
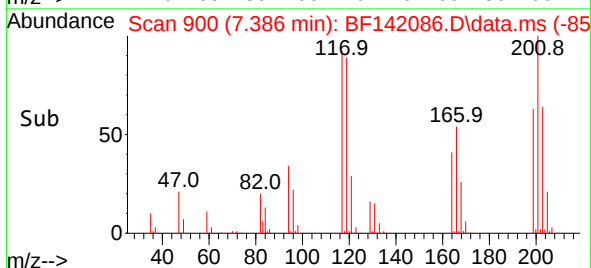
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025

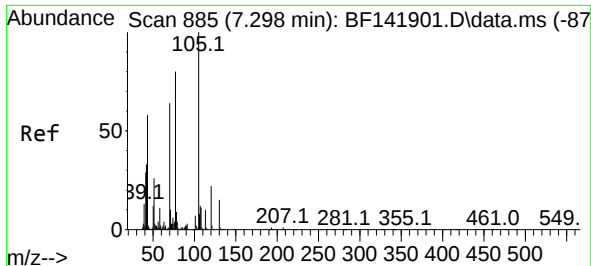


#18
Hexachloroethane
Concen: 44.559 ng
RT: 7.386 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF142086.D
Acq: 25 Mar 2025 19:08



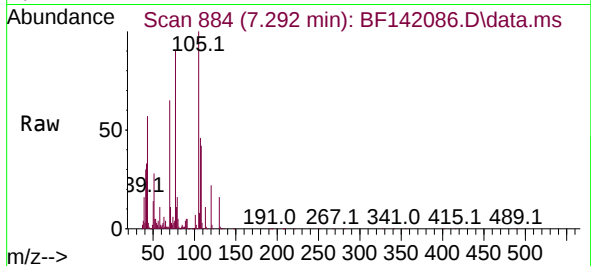
Tgt Ion:117 Resp: 178215
Ion Ratio Lower Upper
117 100
119 97.3 76.9 115.3
201 108.9 79.9 119.9





#19
n-Nitroso-di-n-propylamine
Concen: 46.290 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF142086.D
Acq: 25 Mar 2025 19:08

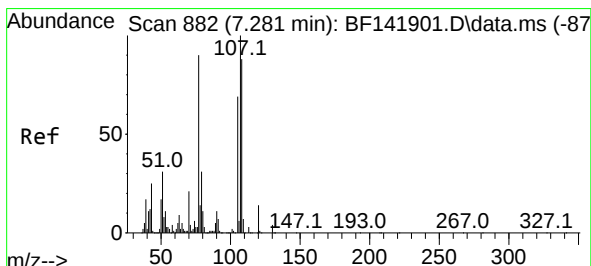
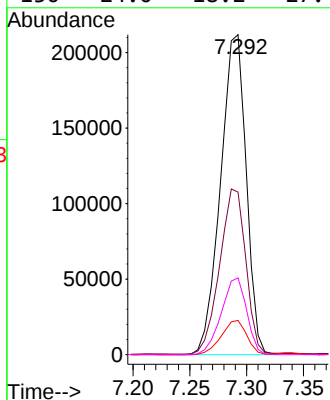
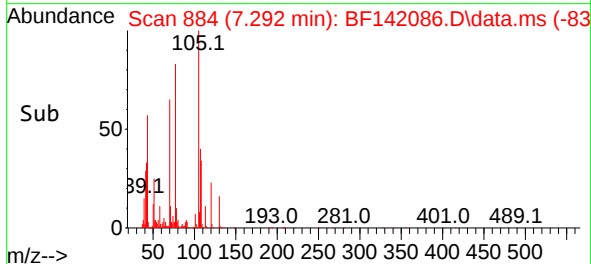
Instrument :
BNA_F
ClientSampleId :
GRID-LINE-1.2-NORTHMS



Tgt Ion: 70 Resp: 33341
Ion Ratio Lower Upper
70 100
42 50.8 41.4 62.0
101 10.7 8.2 12.2
130 24.0 18.2 27.4

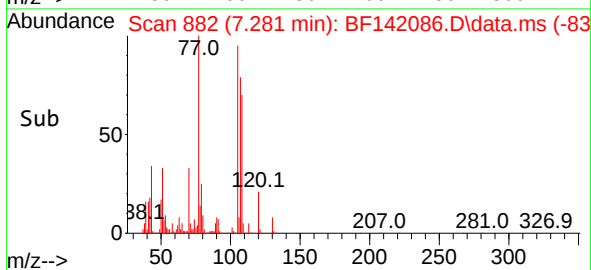
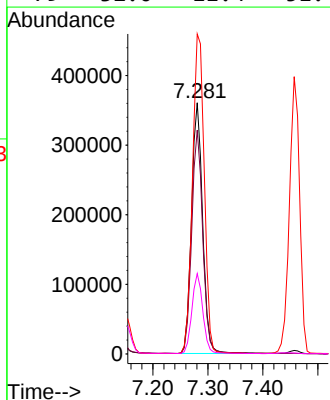
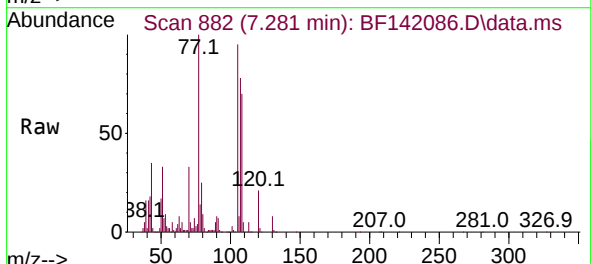
Manual Integrations
APPROVED

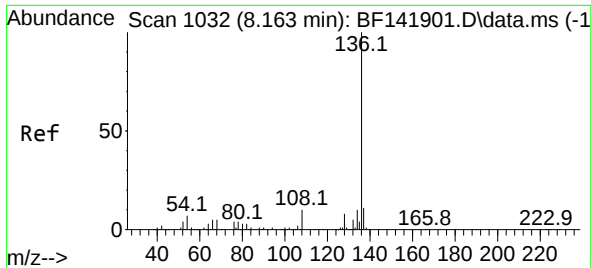
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#20
3+4-Methylphenols
Concen: 51.008 ng
RT: 7.281 min Scan# 882
Delta R.T. 0.000 min
Lab File: BF142086.D
Acq: 25 Mar 2025 19:08

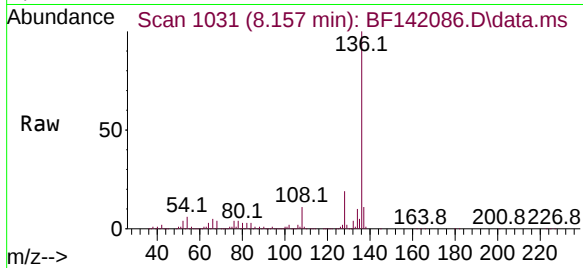
Tgt Ion:107 Resp: 507226
Ion Ratio Lower Upper
107 100
108 89.1 68.4 108.4
77 127.4 69.7 109.7#
79 32.0 11.4 51.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF142086.D
Acq: 25 Mar 2025 19:08

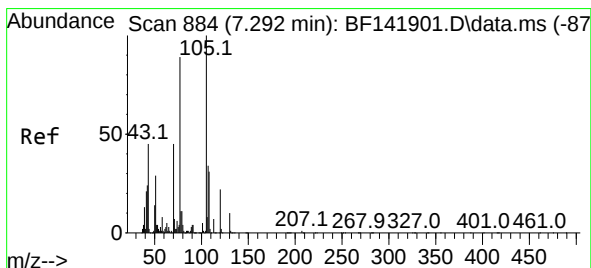
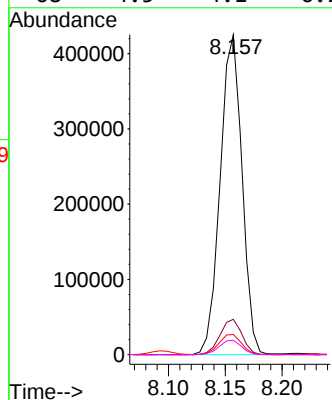
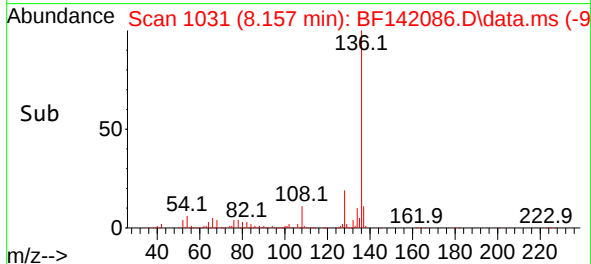
Instrument :
BNA_F
ClientSampleId :
GRID-LINE-1.2-NORTHMS



Tgt Ion:136 Resp: 568672
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.3 5.8 8.8
68 4.5 4.1 6.1

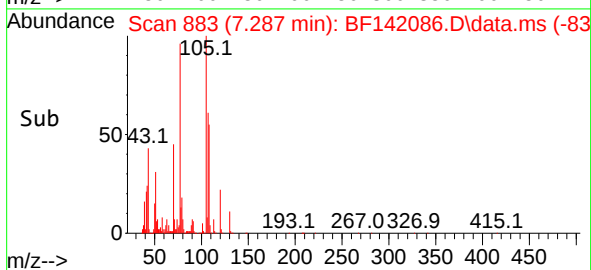
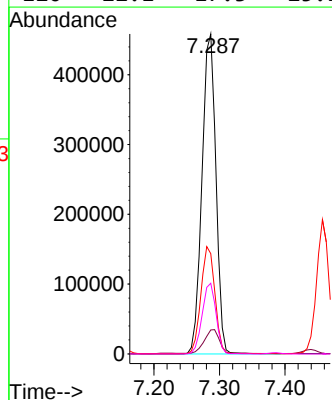
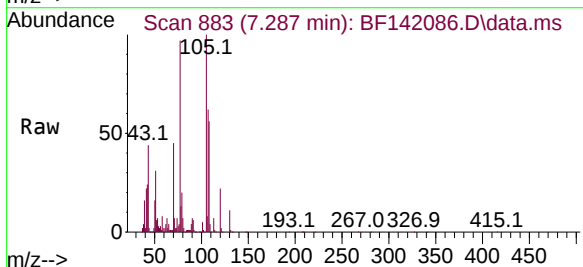
Manual Integrations
APPROVED

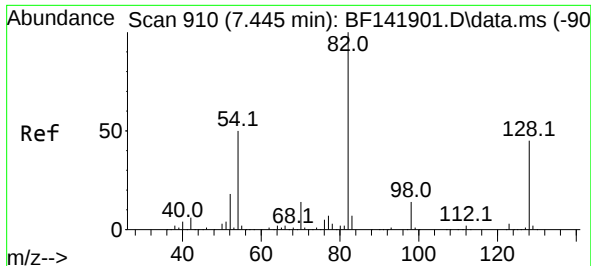
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#22
Acetophenone
Concen: 49.413 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF142086.D
Acq: 25 Mar 2025 19:08

Tgt Ion:105 Resp: 672931
Ion Ratio Lower Upper
105 100
71 7.5 5.8 8.8
51 31.3 23.4 35.0
120 22.1 17.3 25.9





#23

Nitrobenzene-d5

Concen: 107.815 ng

RT: 7.439 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF142086.D

Acq: 25 Mar 2025 19:08

Instrument :

BNA_F

ClientSampleId :

GRID-LINE-1.2-NORTHMS

Tgt Ion: 82 Resp: 1089492

Ion Ratio Lower Upper

82 100

128 46.1 36.0 54.0

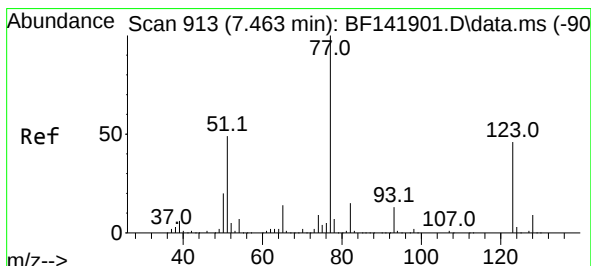
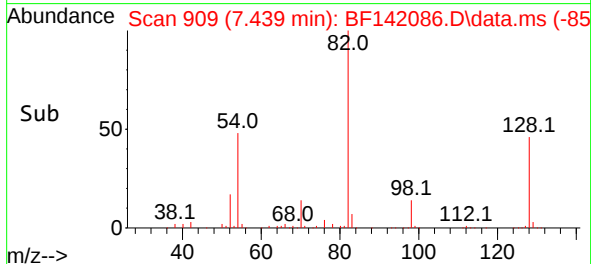
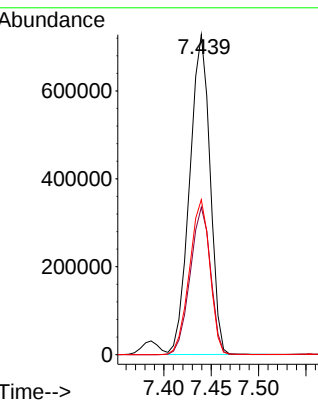
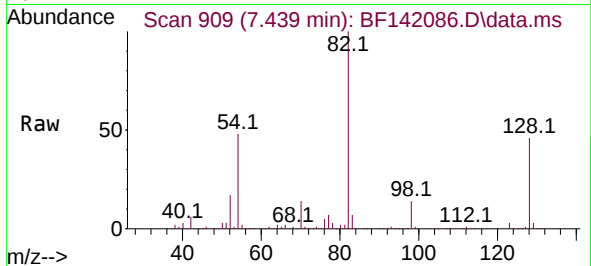
54 48.4 39.6 59.4

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/26/2025

Supervised By :Jagrut Upadhyay 03/26/2025



#24

Nitrobenzene

Concen: 51.062 ng

RT: 7.457 min Scan# 912

Delta R.T. -0.006 min

Lab File: BF142086.D

Acq: 25 Mar 2025 19:08

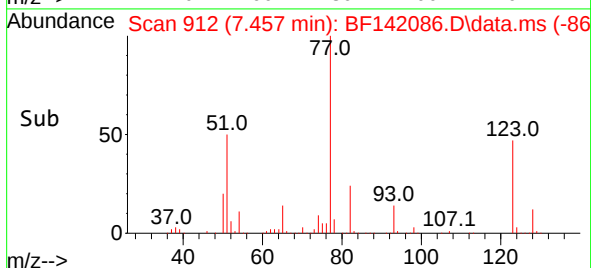
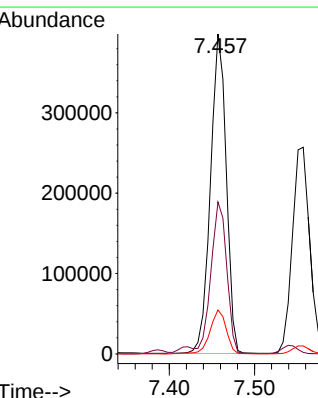
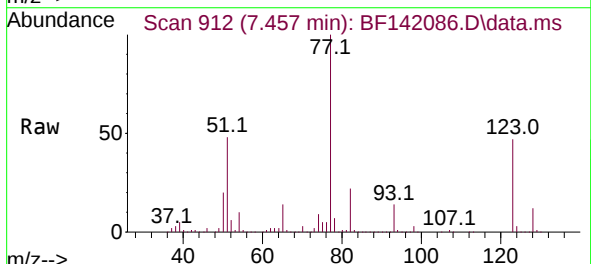
Tgt Ion: 77 Resp: 512957

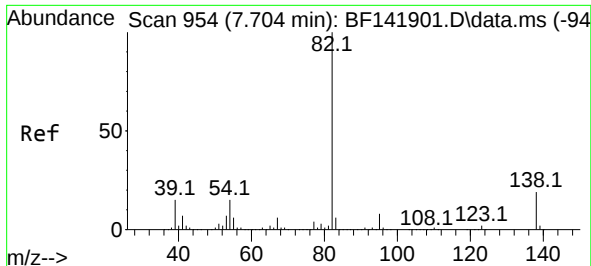
Ion Ratio Lower Upper

77 100

123 47.5 37.0 55.4

65 13.8 11.3 16.9





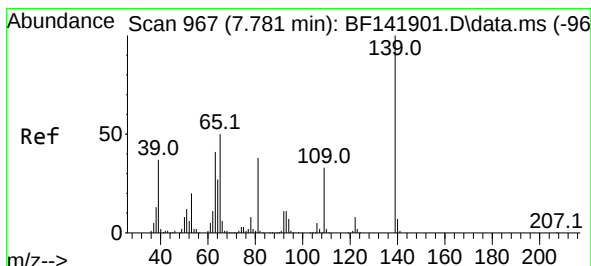
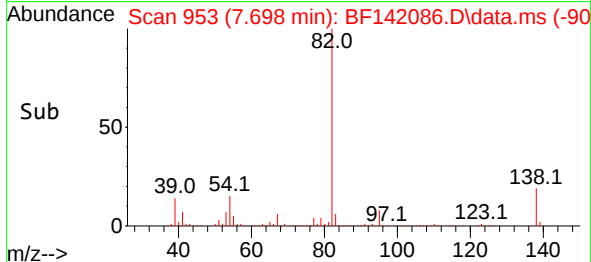
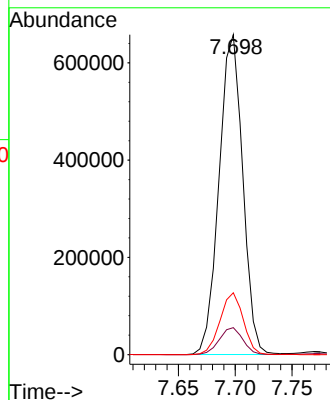
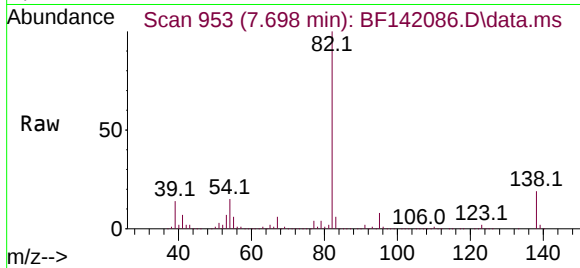
#25
Isophorone
Concen: 53.298 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142086.D
Acq: 25 Mar 2025 19:08

Instrument :
BNA_F
ClientSampleId :
GRID-LINE-1.2-NORTHMS

Tgt Ion: 82 Resp: 952044
Ion Ratio Lower Upper
82 100
95 8.4 6.4 9.6
138 19.3 14.9 22.3

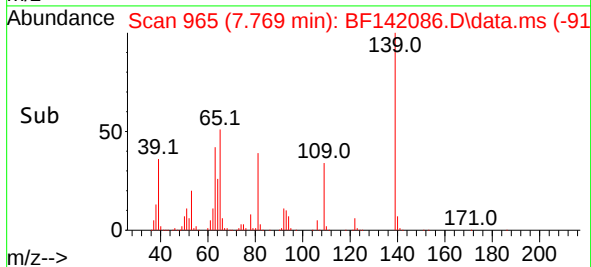
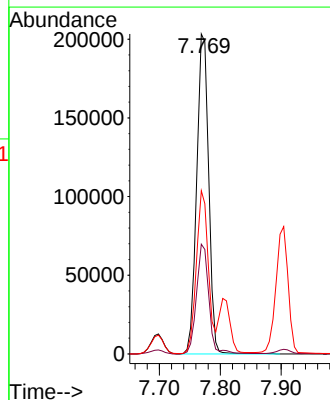
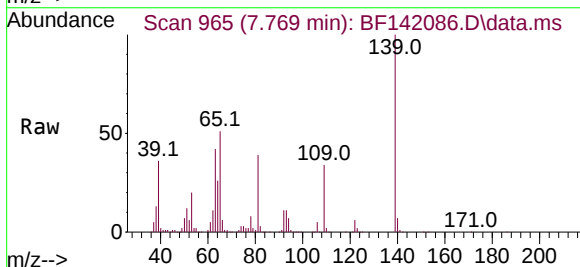
Manual Integrations
APPROVED

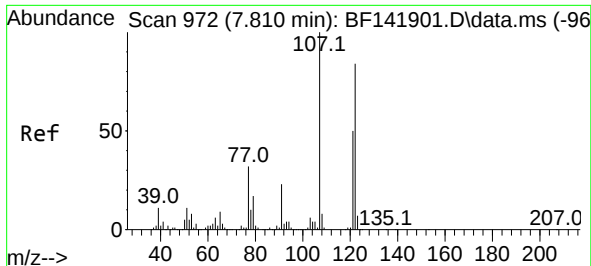
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#26
2-Nitrophenol
Concen: 56.410 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.012 min
Lab File: BF142086.D
Acq: 25 Mar 2025 19:08

Tgt Ion:139 Resp: 278126
Ion Ratio Lower Upper
139 100
109 34.3 26.5 39.7
65 51.0 40.3 60.5





#27

2,4-Dimethylphenol

Concen: 71.186 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142086.D

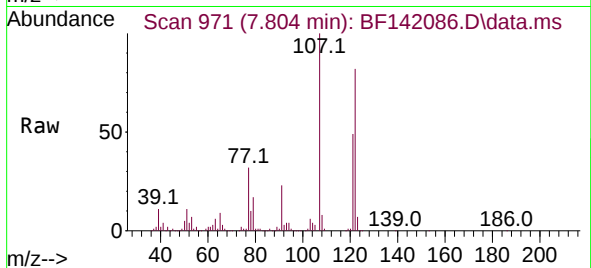
Acq: 25 Mar 2025 19:08

Instrument :

BNA_F

ClientSampleId :

GRID-LINE-1.2-NORTHMS



Tgt Ion:122 Resp: 483286

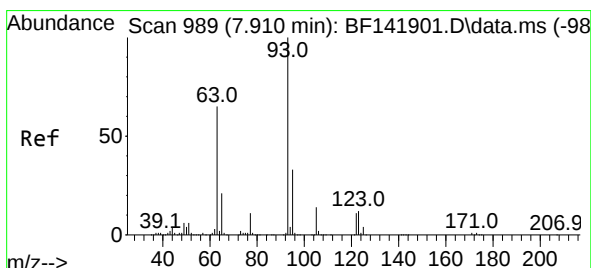
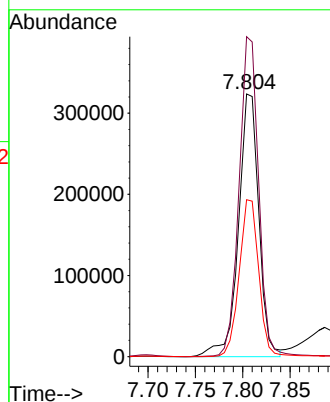
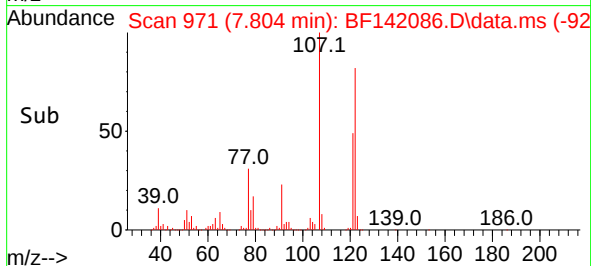
Ion	Ratio	Lower	Upper
122	100		
107	121.9	94.8	142.2
121	59.8	47.8	71.6

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/26/2025

Supervised By :Jagrut Upadhyay 03/26/2025



#28

bis(2-Chloroethoxy)methane

Concen: 50.404 ng

RT: 7.904 min Scan# 988

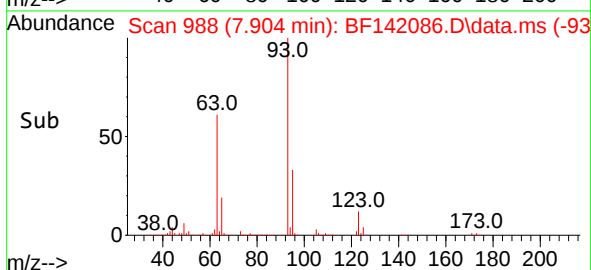
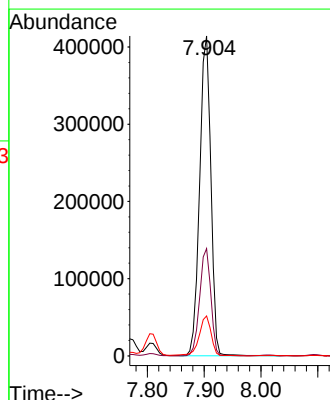
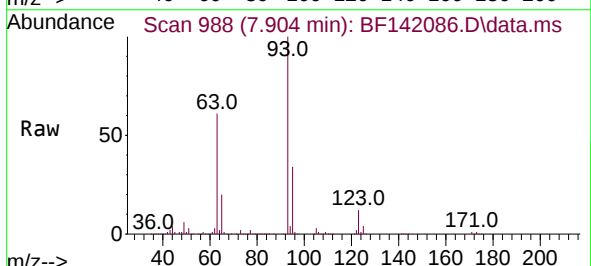
Delta R.T. -0.006 min

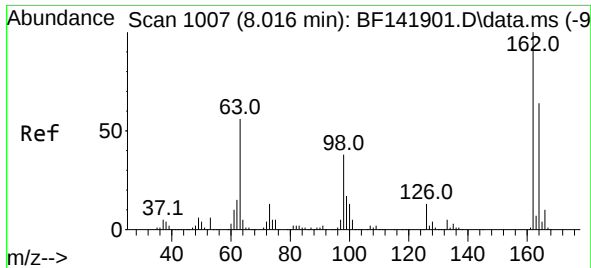
Lab File: BF142086.D

Acq: 25 Mar 2025 19:08

Tgt Ion: 93 Resp: 564703

Ion	Ratio	Lower	Upper
93	100		
95	33.5	26.6	40.0
123	12.5	10.2	15.4





#29

2,4-Dichlorophenol

Concen: 54.444 ng

RT: 8.010 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BF142086.D

Acq: 25 Mar 2025 19:08

Instrument :

BNA_F

ClientSampleId :

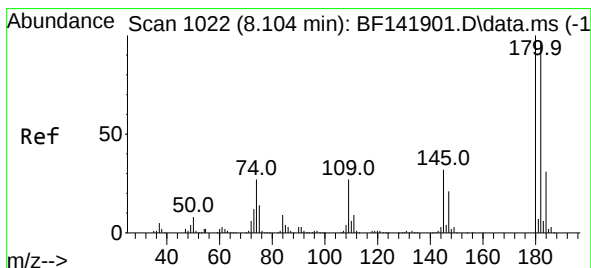
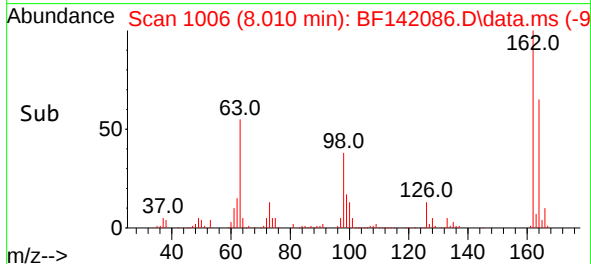
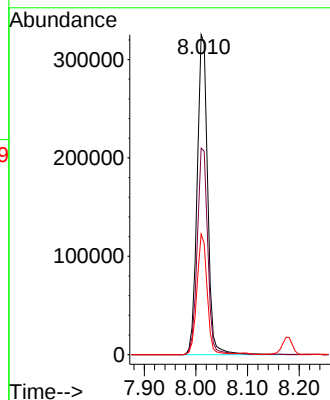
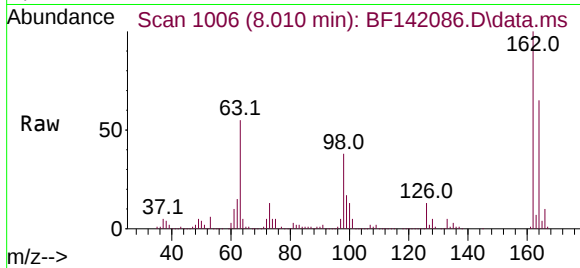
GRID-LINE-1.2-NORTHMS

Tgt Ion:162	Resp: 458791
Ion Ratio	Lower Upper
162 100	
164 64.5	43.8 83.8
98 37.7	18.1 58.1

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#30

1,2,4-Trichlorobenzene

Concen: 50.630 ng

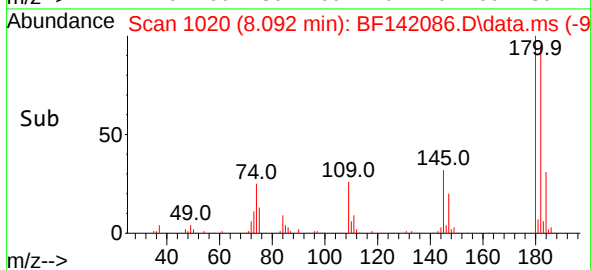
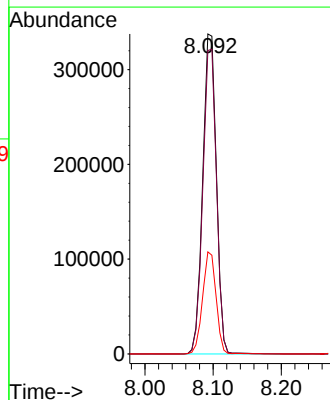
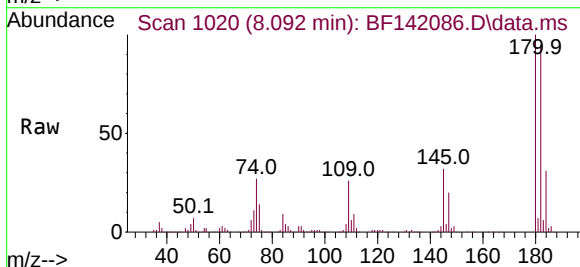
RT: 8.092 min Scan# 1020

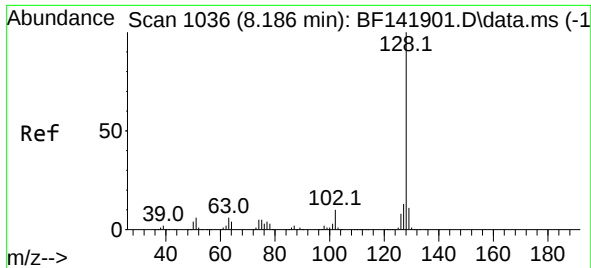
Delta R.T. -0.012 min

Lab File: BF142086.D

Acq: 25 Mar 2025 19:08

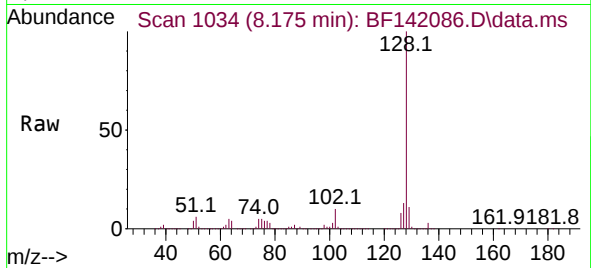
Tgt Ion:180	Resp: 470179
Ion Ratio	Lower Upper
180 100	
182 94.8	77.5 116.3
145 31.9	25.8 38.6





#31
Naphthalene
Concen: 48.684 ng
RT: 8.175 min Scan# 1036
Delta R.T. -0.012 min
Lab File: BF142086.D
Acq: 25 Mar 2025 19:08

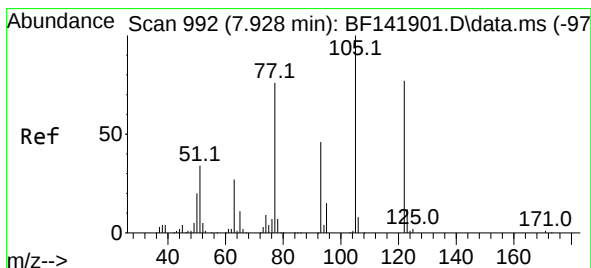
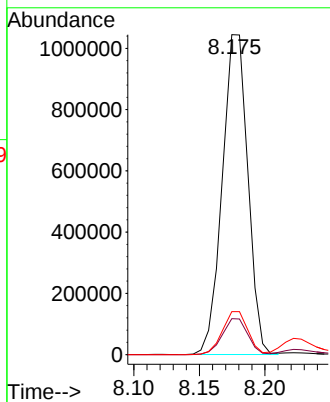
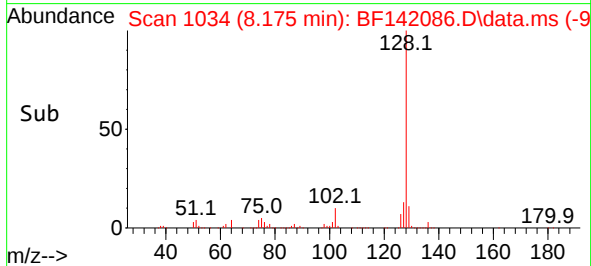
Instrument :
BNA_F
ClientSampleId :
GRID-LINE-1.2-NORTHMS



Tgt Ion:128 Resp: 142215
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.4 10.8 16.2

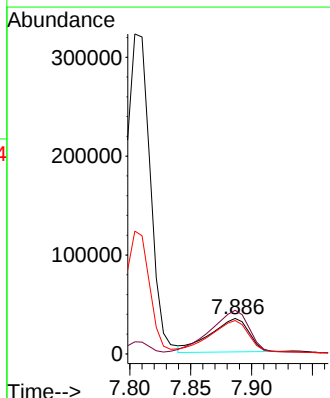
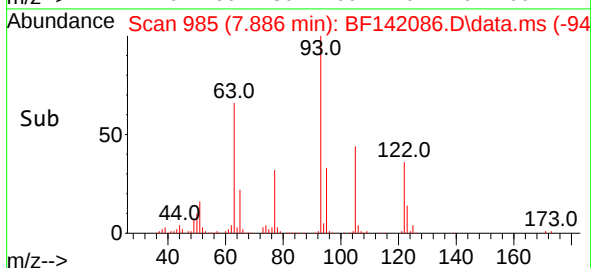
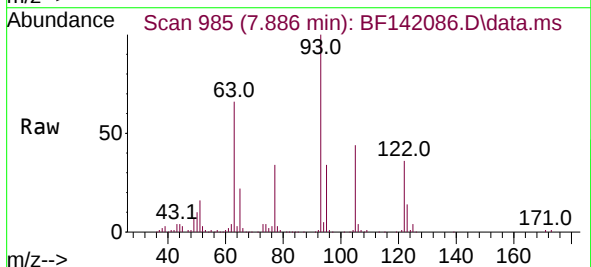
Manual Integrations
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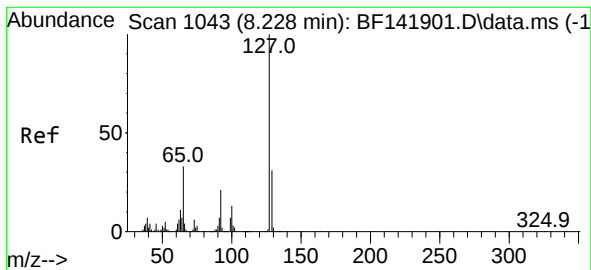
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#32
Benzoic acid
Concen: 12.678 ng
RT: 7.886 min Scan# 985
Delta R.T. -0.042 min
Lab File: BF142086.D
Acq: 25 Mar 2025 19:08

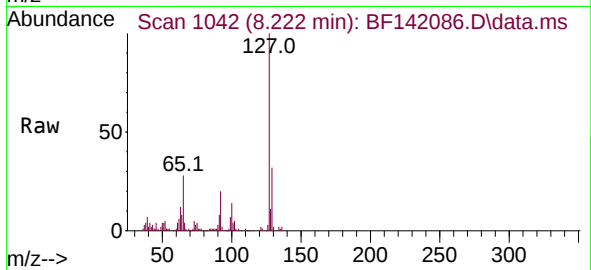
Tgt Ion:122 Resp: 75657
Ion Ratio Lower Upper
122 100
105 122.6 107.9 147.9
77 93.9 79.0 119.0





#33
4-Chloroaniline
Concen: 10.009 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142086.D
Acq: 25 Mar 2025 19:08

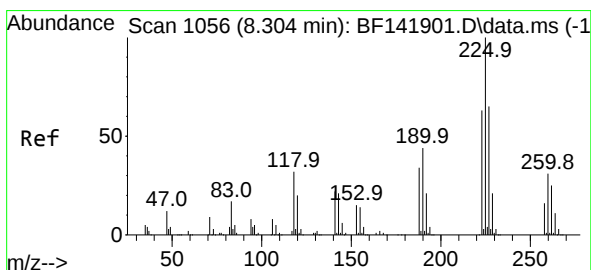
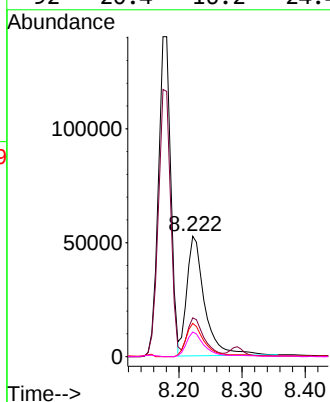
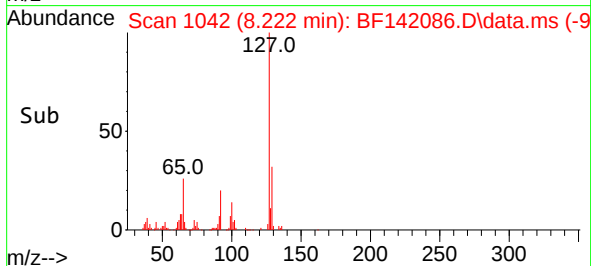
Instrument :
BNA_F
ClientSampleId :
GRID-LINE-1.2-NORTHMS



Tgt Ion:127 Resp: 103216
Ion Ratio Lower Upper
127 100
129 32.2 26.2 39.4
65 27.5 25.4 38.2
92 20.4 16.2 24.4

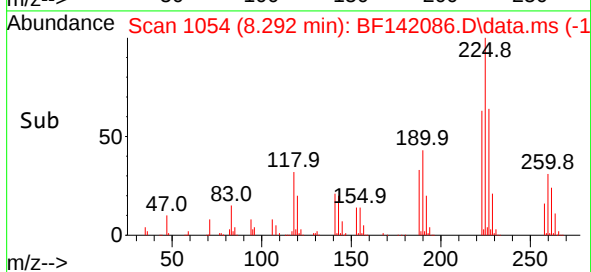
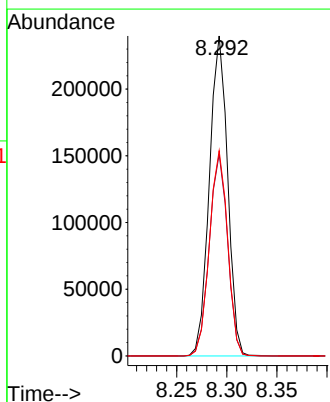
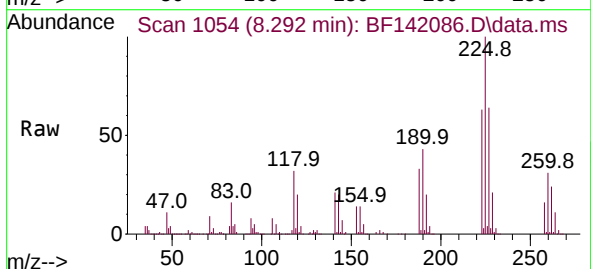
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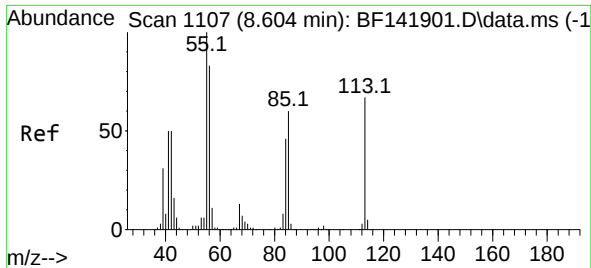
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#34
Hexachlorobutadiene
Concen: 50.023 ng
RT: 8.292 min Scan# 1054
Delta R.T. -0.012 min
Lab File: BF142086.D
Acq: 25 Mar 2025 19:08

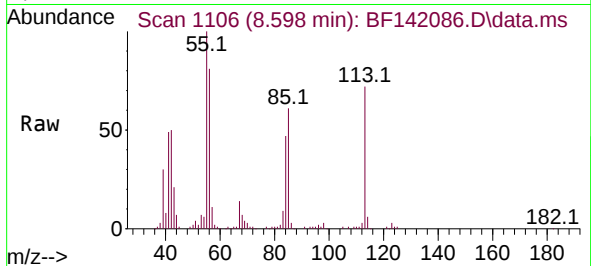
Tgt Ion:225 Resp: 302949
Ion Ratio Lower Upper
225 100
223 63.0 50.6 75.8
227 64.2 52.2 78.2





#35
 Caprolactam
 Concen: 38.533 ng m
 RT: 8.598 min Scan# 1106
 Delta R.T. -0.006 min
 Lab File: BF142086.D
 Acq: 25 Mar 2025 19:08

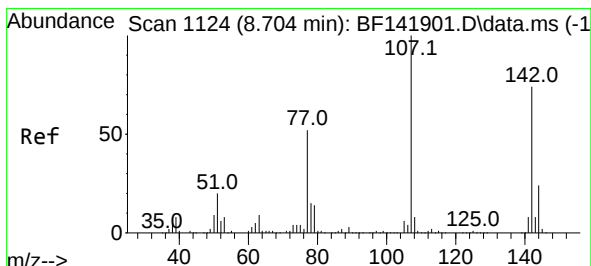
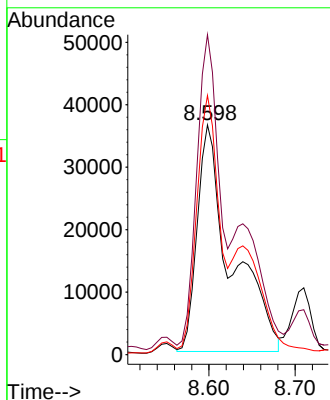
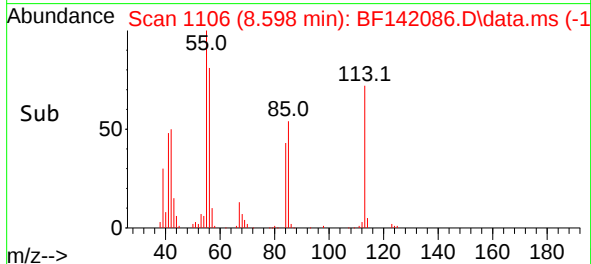
Instrument :
 BNA_F
 ClientSampleId :
 GRID-LINE-1.2-NORTHMS



Tgt Ion:113 Resp: 98996
 Ion Ratio Lower Upper
 113 100
 55 139.3 129.6 169.6
 56 112.8 104.0 144.0

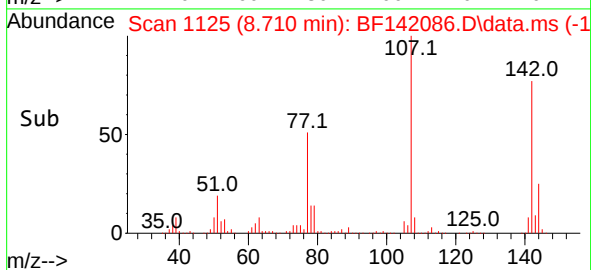
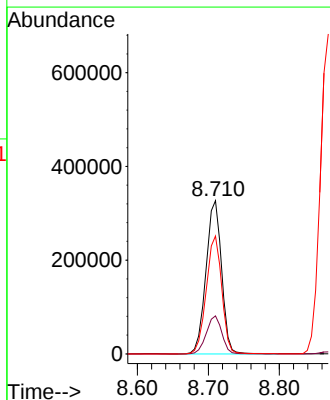
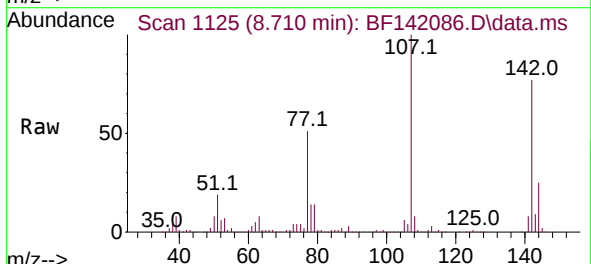
Manual Integrations
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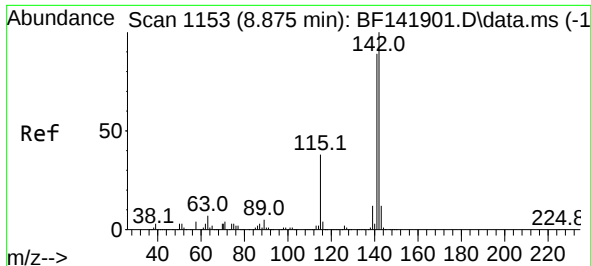
Reviewed By :Anahy Claudio 03/26/2025
 Supervised By :Jagrut Upadhyay 03/26/2025



#36
 4-Chloro-3-methylphenol
 Concen: 53.024 ng
 RT: 8.710 min Scan# 1125
 Delta R.T. 0.006 min
 Lab File: BF142086.D
 Acq: 25 Mar 2025 19:08

Tgt Ion:107 Resp: 498429
 Ion Ratio Lower Upper
 107 100
 144 24.8 19.0 28.6
 142 76.9 59.2 88.8





#37

2-Methylnaphthalene

Concen: 46.446 ng

RT: 8.869 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF142086.D

Acq: 25 Mar 2025 19:08

Instrument :

BNA_F

ClientSampleId :

GRID-LINE-1.2-NORTHMS

Tgt Ion:142 Resp: 90689

Ion Ratio Lower Upper

142 100

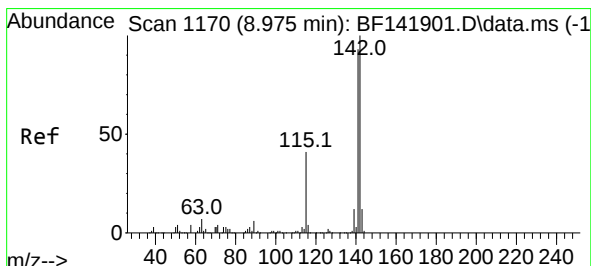
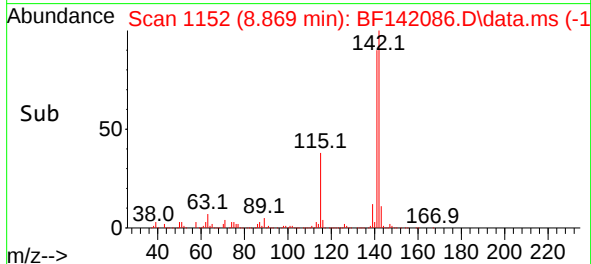
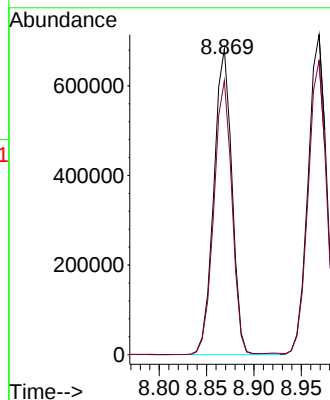
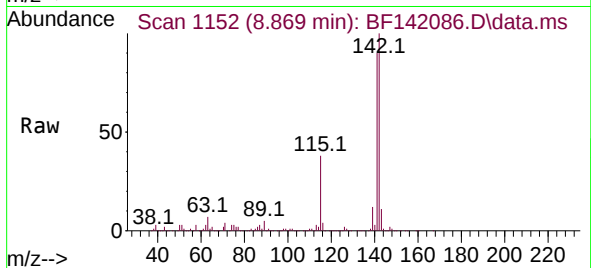
141 89.6 71.2 106.8

Manual Integrations

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Reviewed By :Anahy Claudio 03/26/2025

Supervised By :Jagrut Upadhyay 03/26/2025



#38

1-Methylnaphthalene

Concen: 50.485 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF142086.D

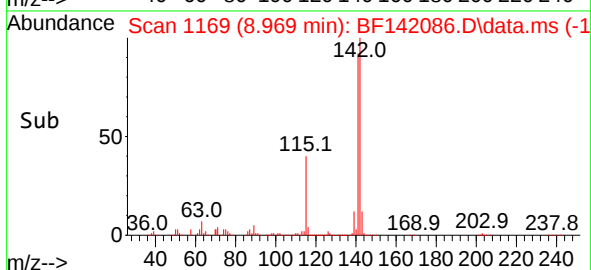
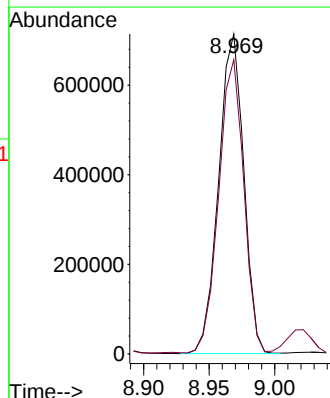
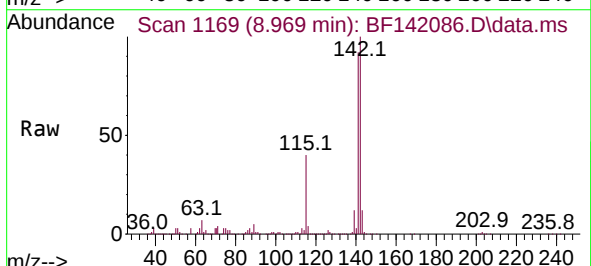
Acq: 25 Mar 2025 19:08

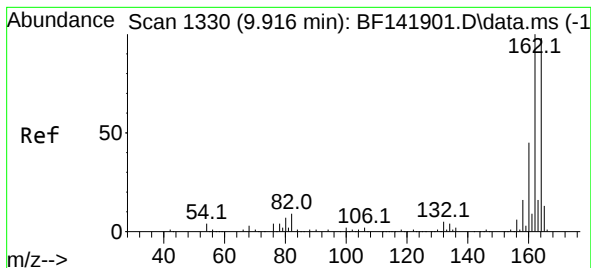
Tgt Ion:142 Resp: 951247

Ion Ratio Lower Upper

142 100

141 91.9 74.2 111.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1330

Delta R.T. -0.006 min

Lab File: BF142086.D

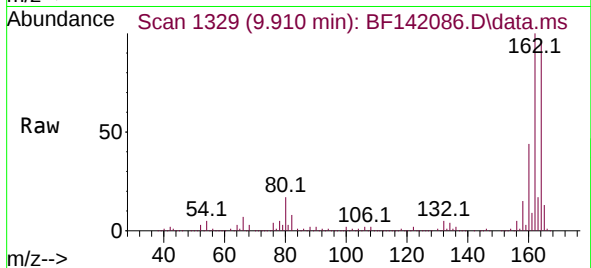
Acq: 25 Mar 2025 19:08

Instrument :

BNA_F

ClientSampleId :

GRID-LINE-1.2-NORTHMS



Tgt Ion:164 Resp: 31688

Ion Ratio Lower Upper

164 100

162 103.9 81.8 122.6

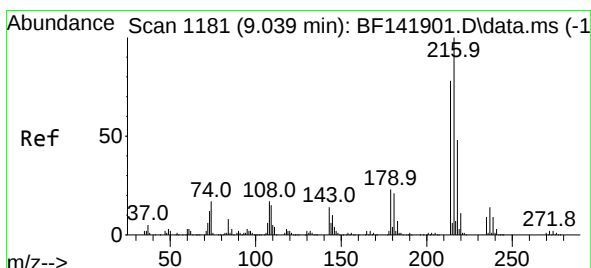
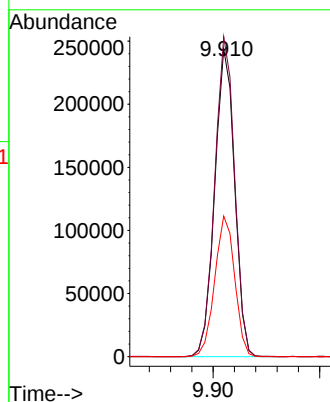
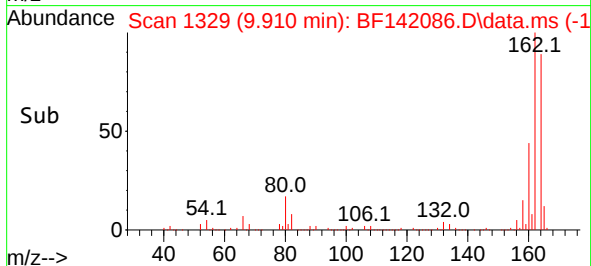
160 45.7 36.7 55.1

Manual Integrations

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Reviewed By :Anahy Claudio 03/26/2025

Supervised By :Jagrut Upadhyay 03/26/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 54.112 ng

RT: 9.033 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF142086.D

Acq: 25 Mar 2025 19:08

Tgt Ion:216 Resp: 522066

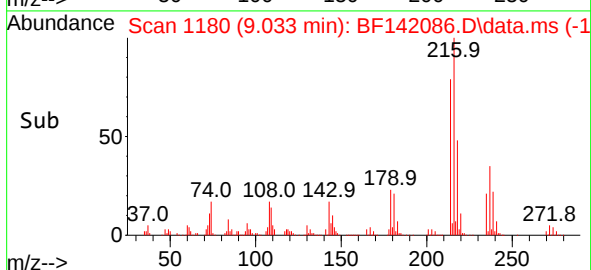
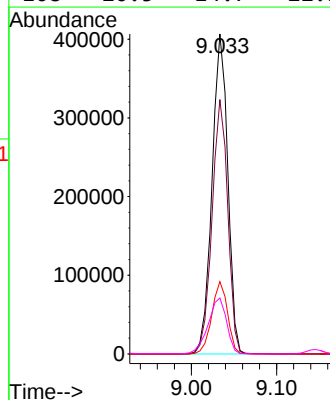
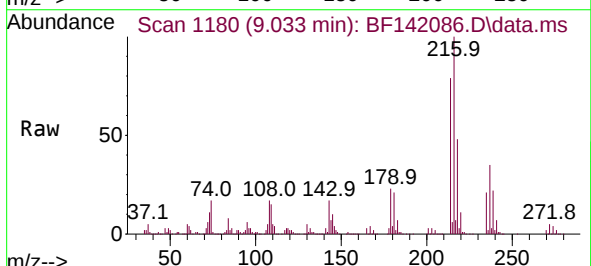
Ion Ratio Lower Upper

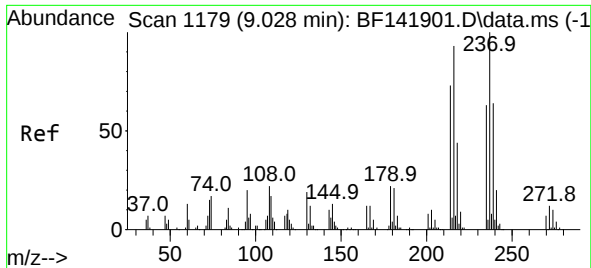
216 100

214 79.3 61.9 92.9

179 22.5 18.1 27.1

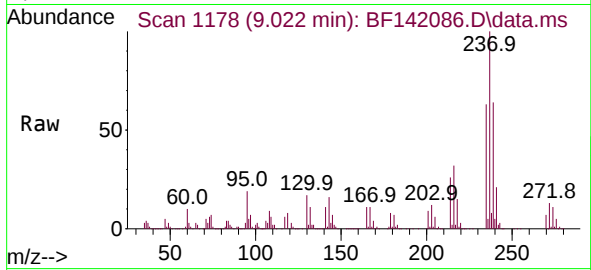
108 20.5 14.7 22.1





#41
Hexachlorocyclopentadiene
Concen: 170.275 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF142086.D
Acq: 25 Mar 2025 19:08

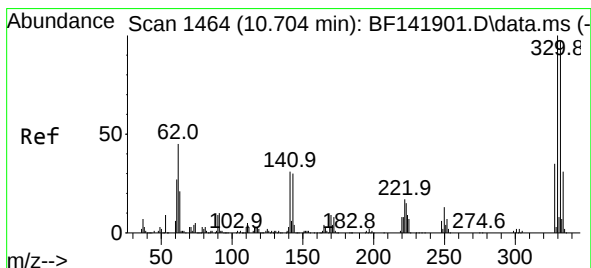
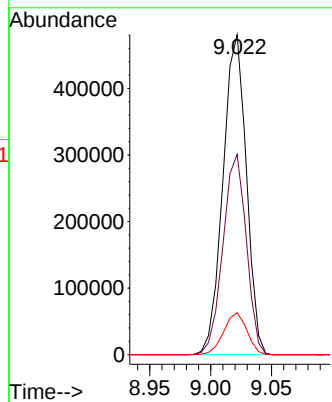
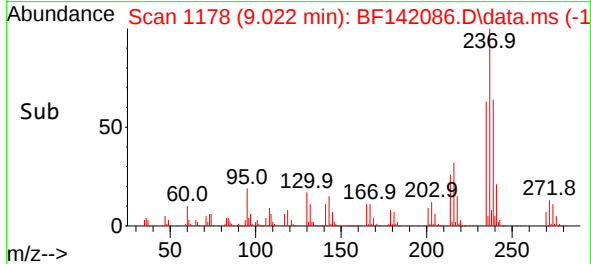
Instrument :
BNA_F
ClientSampleId :
GRID-LINE-1.2-NORTHMS



Tgt Ion: 237 Resp: 642920
Ion Ratio Lower Upper
237 100
235 62.6 43.1 83.1
272 13.1 0.0 32.0

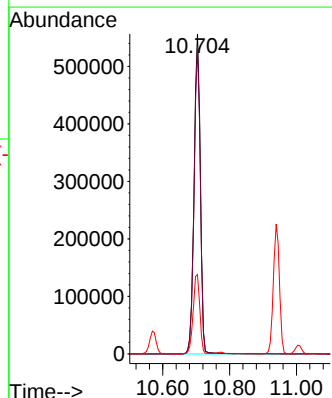
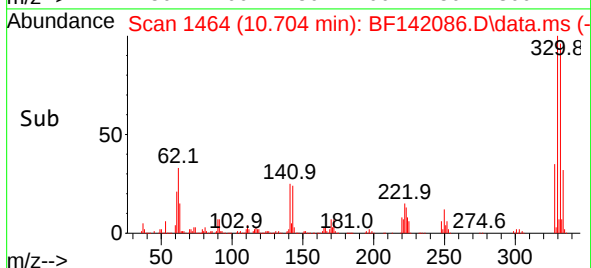
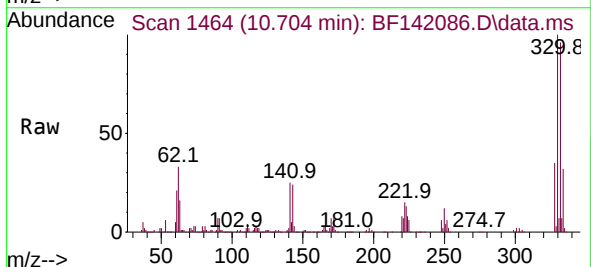
Manual Integrations
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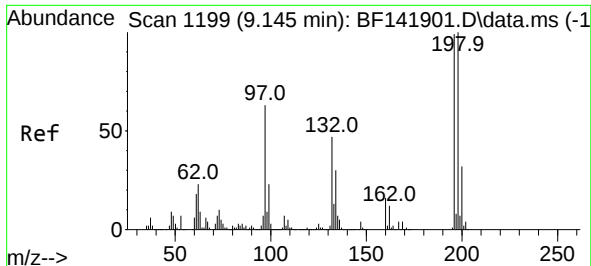
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#42
2,4,6-Tribromophenol
Concen: 179.181 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF142086.D
Acq: 25 Mar 2025 19:08

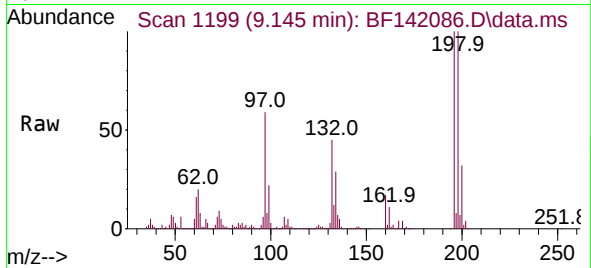
Tgt Ion: 330 Resp: 720328
Ion Ratio Lower Upper
330 100
332 96.0 77.6 116.4
141 26.4 24.7 37.1





#43
2,4,6-Trichlorophenol
Concen: 56.852 ng
RT: 9.145 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF142086.D
Acq: 25 Mar 2025 19:08

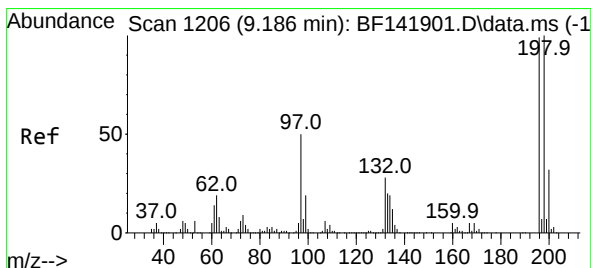
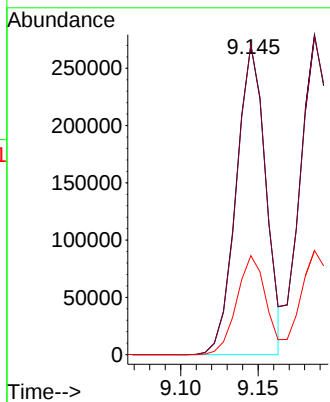
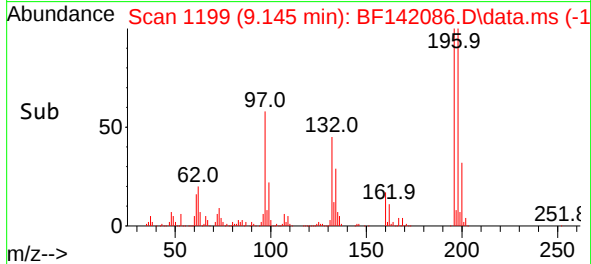
Instrument :
BNA_F
ClientSampleId :
GRID-LINE-1.2-NORTHMS



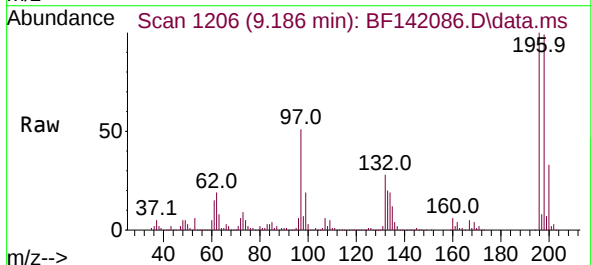
Tgt Ion:196 Resp: 358462
Ion Ratio Lower Upper
196 100
198 100.1 80.6 121.0
200 32.0 25.8 38.6

Manual Integrations
APPROVED

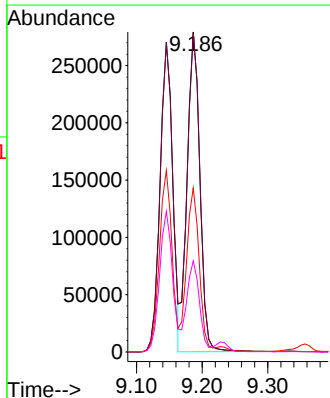
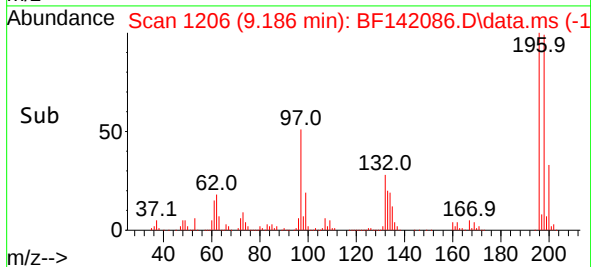
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025

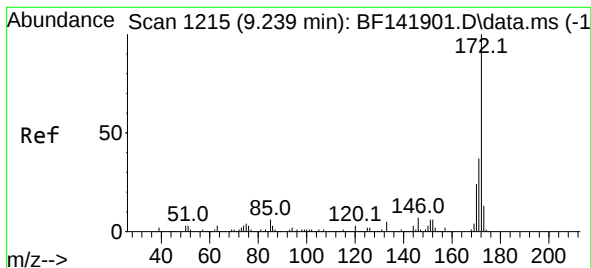


#44
2,4,5-Trichlorophenol
Concen: 59.374 ng
RT: 9.186 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF142086.D
Acq: 25 Mar 2025 19:08



Tgt Ion:196 Resp: 379160
Ion Ratio Lower Upper
196 100
198 99.4 80.7 121.1
97 51.2 42.1 63.1
132 28.4 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 108.455 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF142086.D

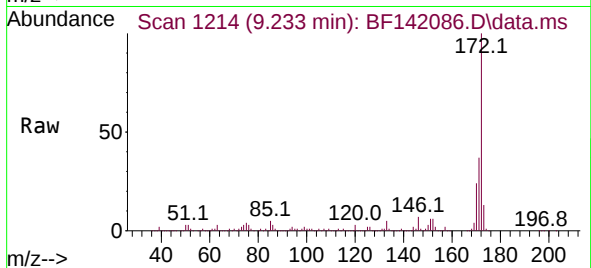
Acq: 25 Mar 2025 19:08

Instrument :

BNA_F

ClientSampleId :

GRID-LINE-1.2-NORTHMS



Tgt Ion:172 Resp: 2259840

Ion Ratio Lower Upper

172 100

171 36.7 29.3 43.9

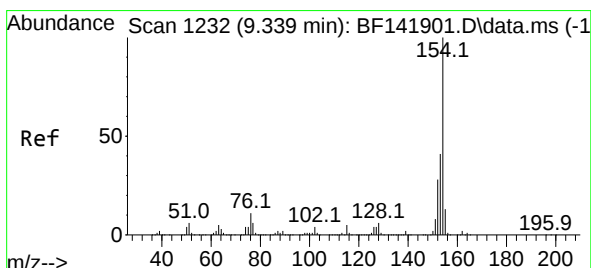
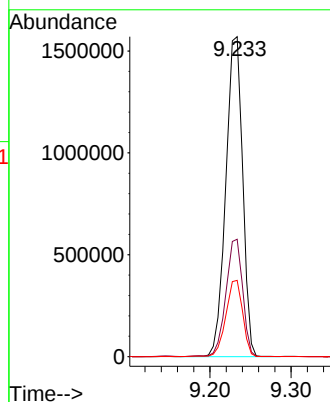
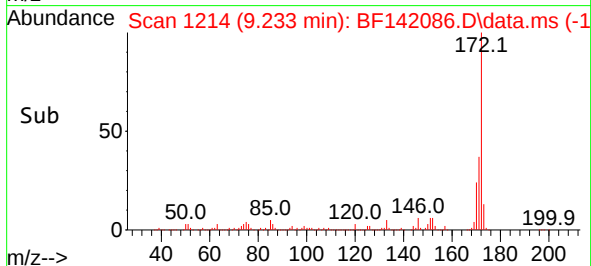
170 23.8 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/26/2025

Supervised By :Jagrut Upadhyay 03/26/2025



#46

1,1'-Biphenyl

Concen: 53.995 ng

RT: 9.333 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BF142086.D

Acq: 25 Mar 2025 19:08

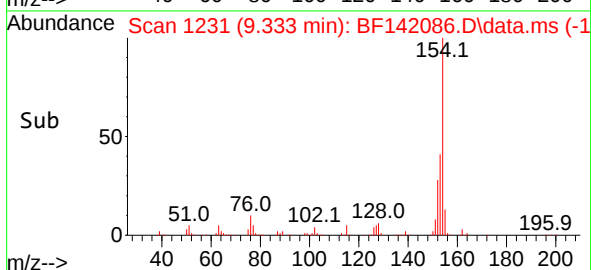
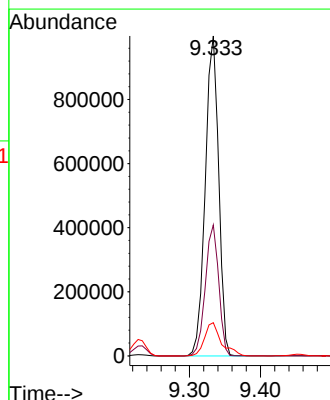
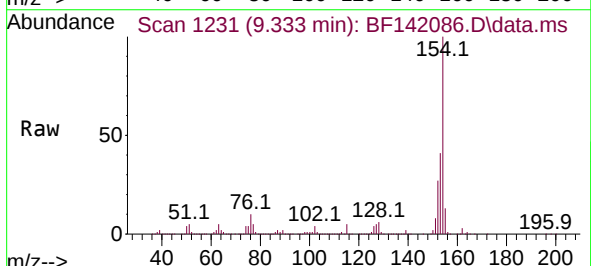
Tgt Ion:154 Resp: 1300049

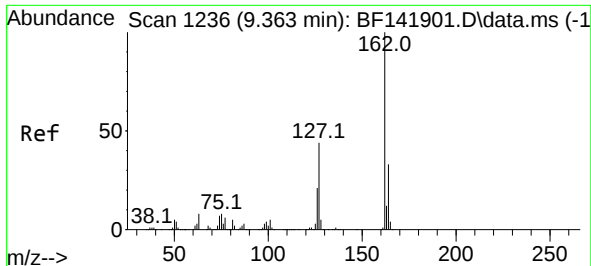
Ion Ratio Lower Upper

154 100

153 40.9 21.1 61.1

76 10.4 0.0 31.3





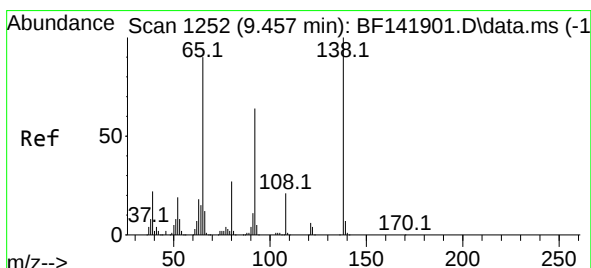
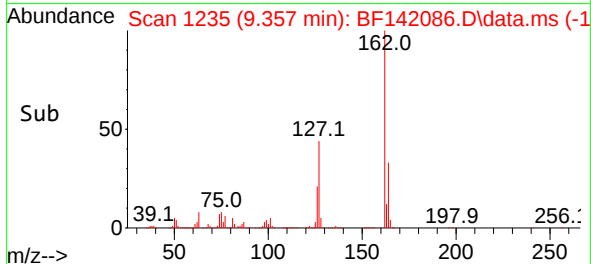
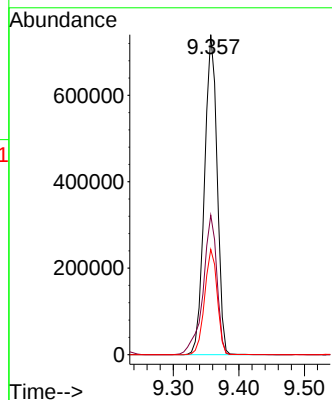
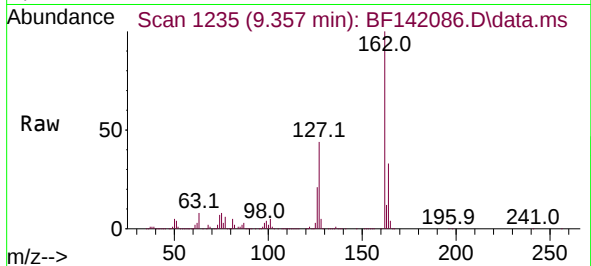
#47
2-Chloronaphthalene
Concen: 54.944 ng
RT: 9.357 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BF142086.D
Acq: 25 Mar 2025 19:08

Instrument : BNA_F
ClientSampleId : GRID-LINE-1.2-NORTHMS

Tgt Ion:162 Resp: 986031
Ion Ratio Lower Upper
162 100
127 43.6 35.5 53.3
164 32.9 26.6 40.0

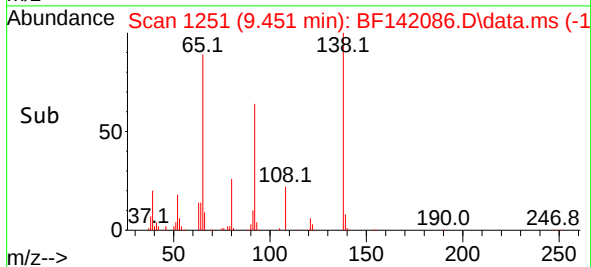
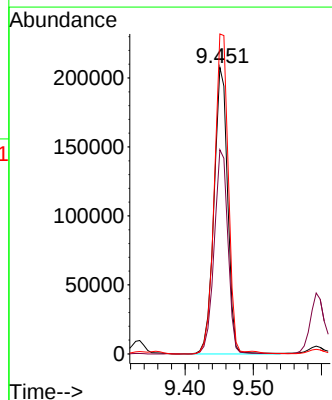
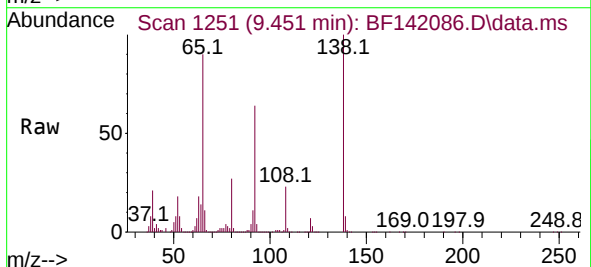
Manual Integrations
APPROVED

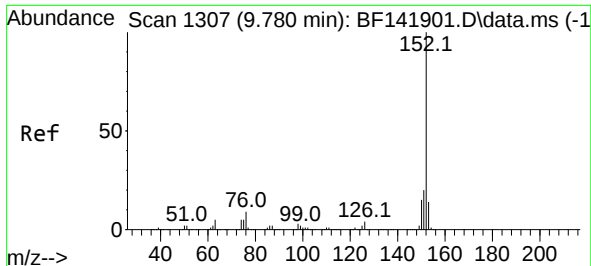
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#48
2-Nitroaniline
Concen: 55.391 ng
RT: 9.451 min Scan# 1251
Delta R.T. -0.006 min
Lab File: BF142086.D
Acq: 25 Mar 2025 19:08

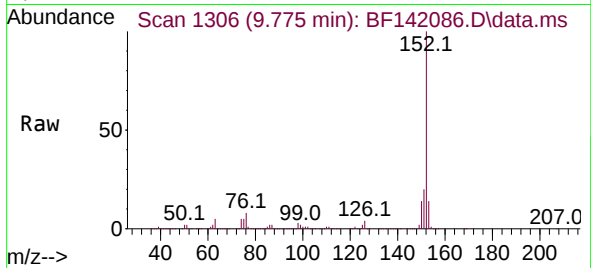
Tgt Ion: 65 Resp: 287819
Ion Ratio Lower Upper
65 100
92 71.2 56.6 84.8
138 111.7 88.6 133.0





#49
Acenaphthylene
Concen: 58.494 ng
RT: 9.775 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF142086.D
Acq: 25 Mar 2025 19:08

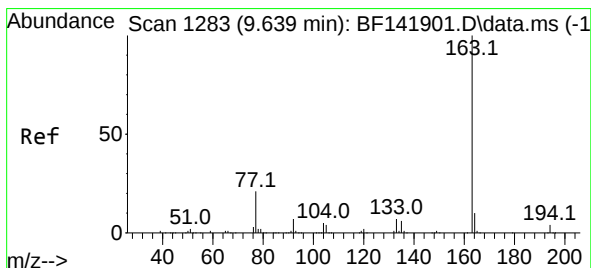
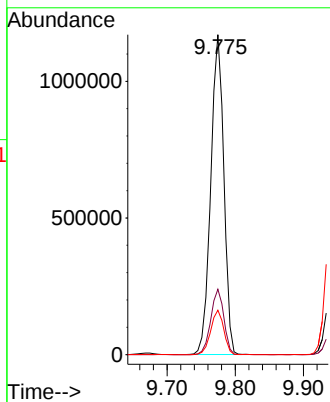
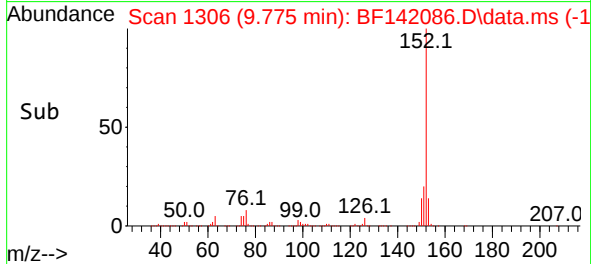
Instrument :
BNA_F
ClientSampleId :
GRID-LINE-1.2-NORTHMS



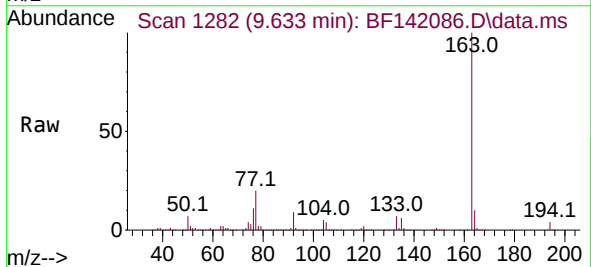
Tgt Ion:152 Resp: 1557783
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 13.9 11.1 16.7

Manual Integrations
APPROVED

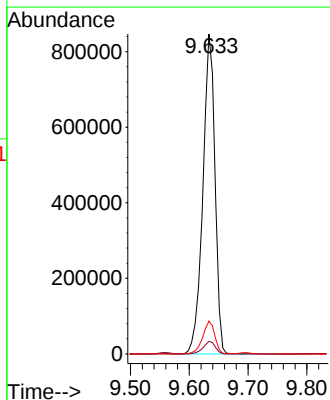
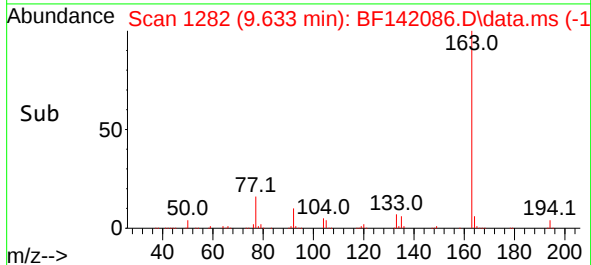
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025

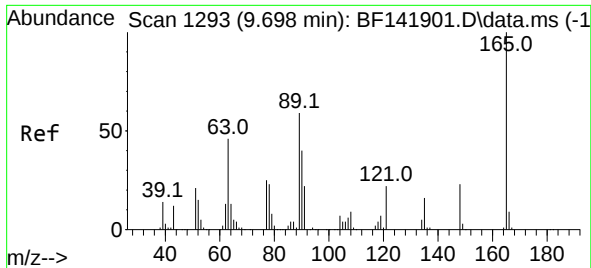


#50
Dimethylphthalate
Concen: 54.673 ng
RT: 9.633 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BF142086.D
Acq: 25 Mar 2025 19:08



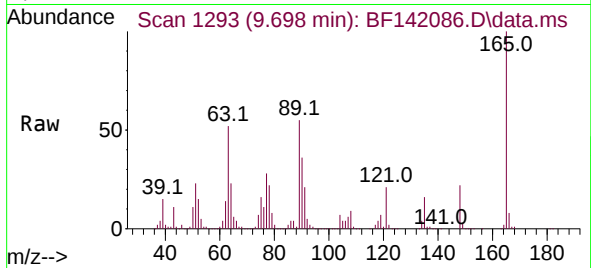
Tgt Ion:163 Resp: 1213224
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.2 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 57.088 ng
RT: 9.698 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF142086.D
Acq: 25 Mar 2025 19:08

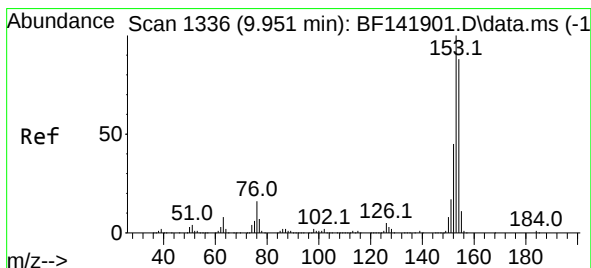
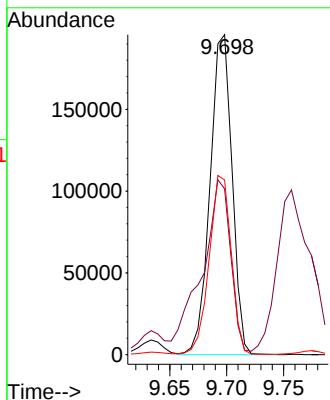
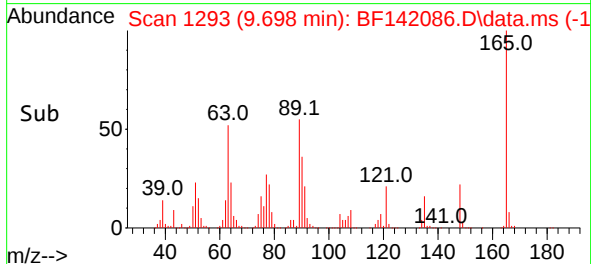
Instrument :
BNA_F
ClientSampleId :
GRID-LINE-1.2-NORTHMS



Tgt Ion:165 Resp: 263762
Ion Ratio Lower Upper
165 100
63 51.8 47.0 70.4
89 54.6 47.4 71.2

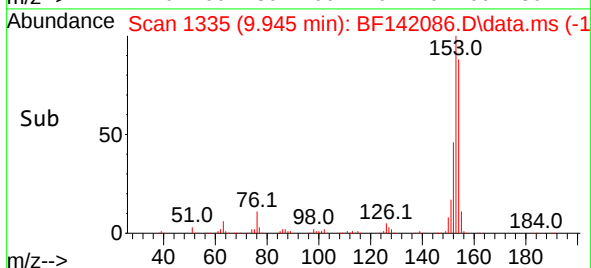
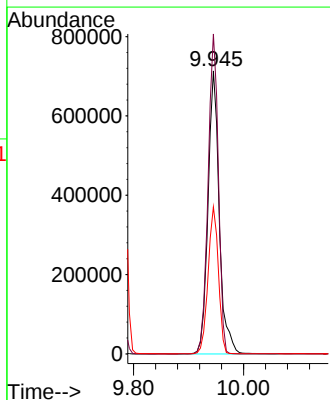
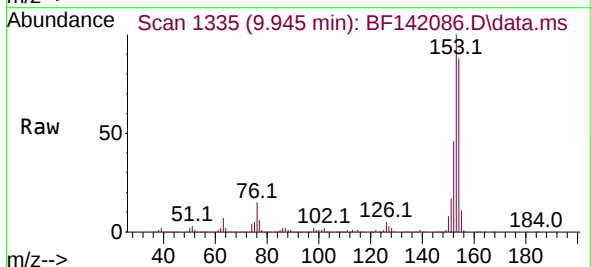
Manual Integrations
APPROVED

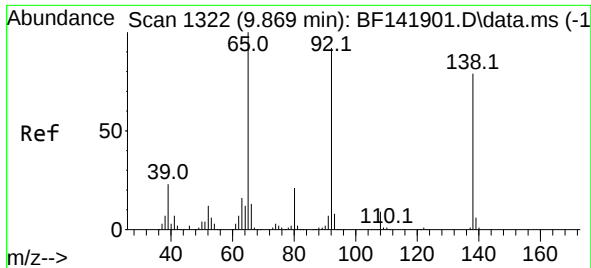
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#52
Acenaphthene
Concen: 54.262 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF142086.D
Acq: 25 Mar 2025 19:08

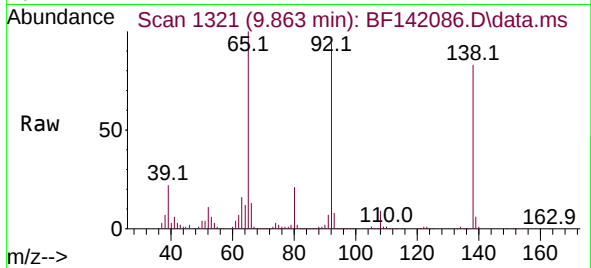
Tgt Ion:154 Resp: 1015525
Ion Ratio Lower Upper
154 100
153 113.1 90.7 136.1
152 51.9 41.1 61.7





#53
3-Nitroaniline
Concen: 25.796 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF142086.D
Acq: 25 Mar 2025 19:08

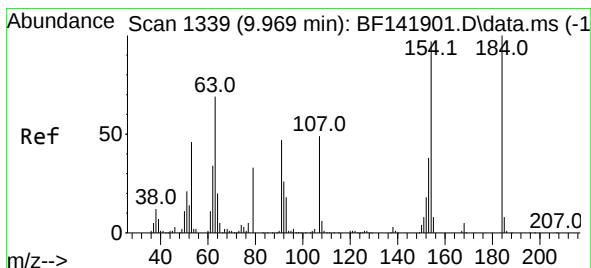
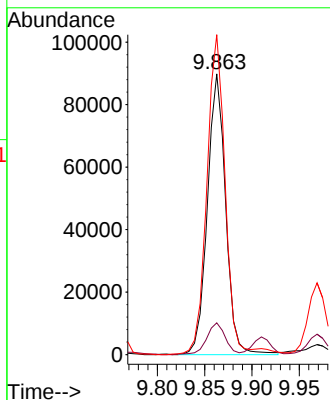
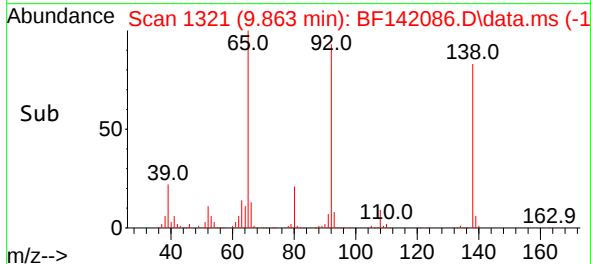
Instrument :
BNA_F
ClientSampleId :
GRID-LINE-1.2-NORTHMS



Tgt Ion:138 Resp: 120897
Ion Ratio Lower Upper
138 100
108 11.3 9.3 13.9
92 114.0 93.5 140.3

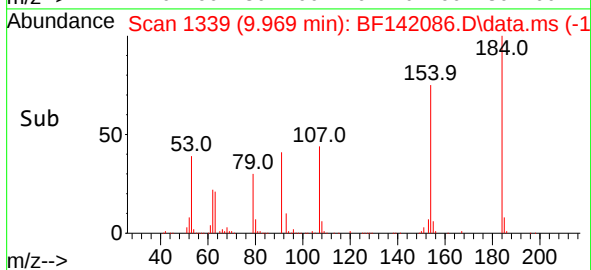
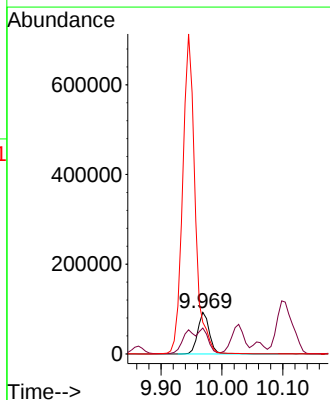
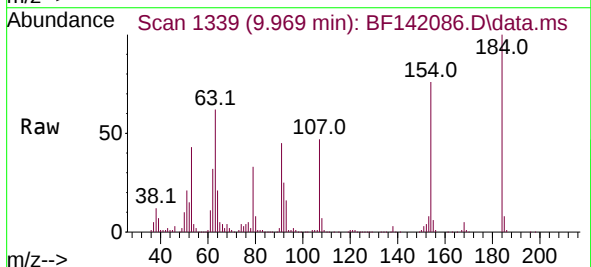
Manual Integrations
APPROVED

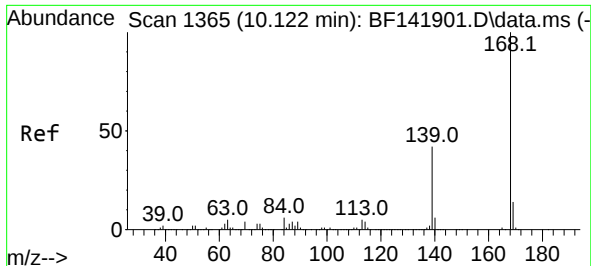
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#54
2,4-Dinitrophenol
Concen: 49.557 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF142086.D
Acq: 25 Mar 2025 19:08

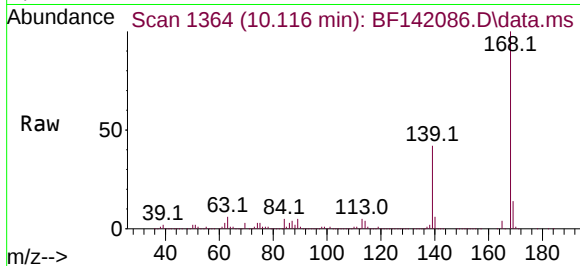
Tgt Ion:184 Resp: 122940
Ion Ratio Lower Upper
184 100
63 62.2 60.2 90.4
154 75.7 132.9 199.3#





#55
Dibenzofuran
Concen: 52.522 ng
RT: 10.116 min Scan# 1364
Delta R.T. -0.006 min
Lab File: BF142086.D
Acq: 25 Mar 2025 19:08

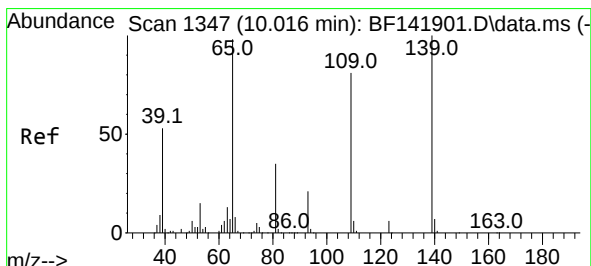
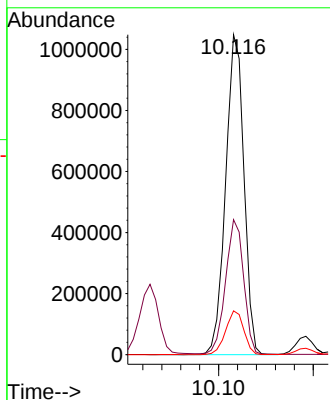
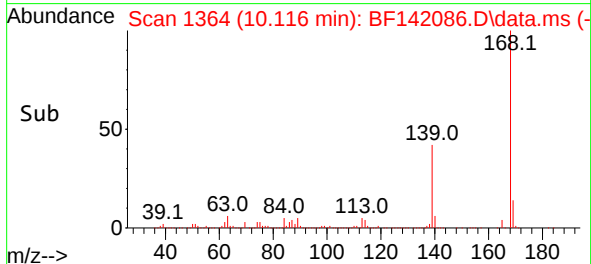
Instrument :
BNA_F
ClientSampleId :
GRID-LINE-1.2-NORTHMS



Tgt Ion:168 Resp: 1404534
Ion Ratio Lower Upper
168 100
139 42.2 33.9 50.9
169 13.7 11.0 16.4

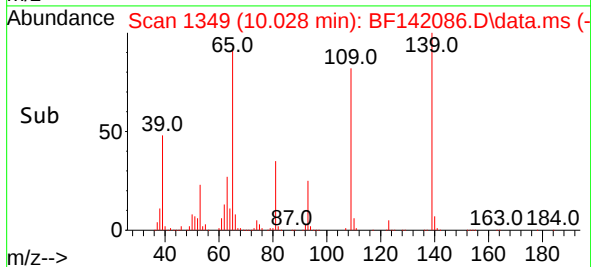
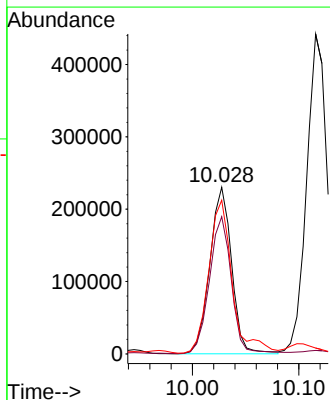
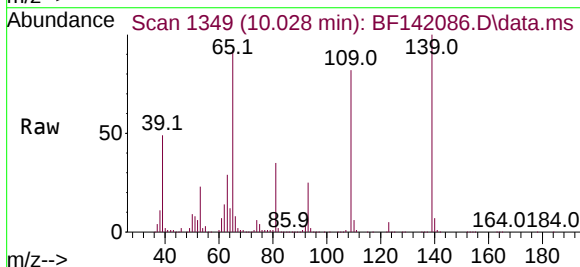
Manual Integrations
APPROVED

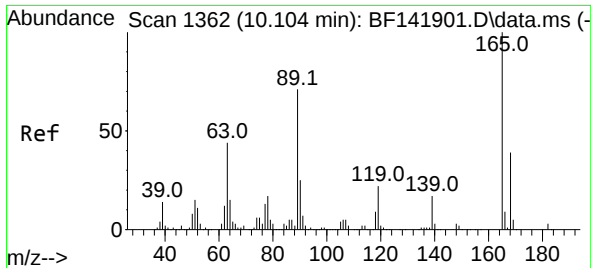
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#56
4-Nitrophenol
Concen: 92.703 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.012 min
Lab File: BF142086.D
Acq: 25 Mar 2025 19:08

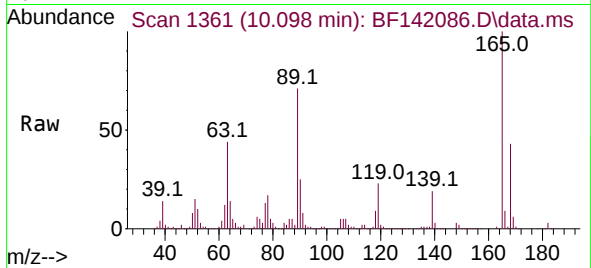
Tgt Ion:139 Resp: 327646
Ion Ratio Lower Upper
139 100
109 82.3 61.6 101.6
65 92.2 79.4 119.4





#57
2,4-Dinitrotoluene
Concen: 59.903 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.006 min
Lab File: BF142086.D
Acq: 25 Mar 2025 19:08

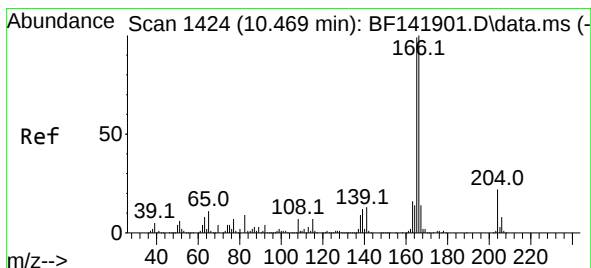
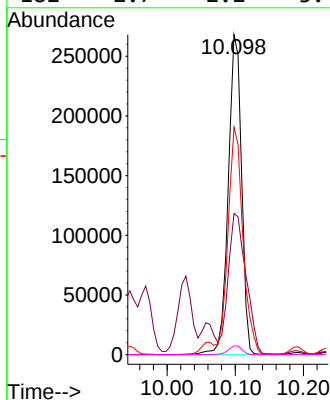
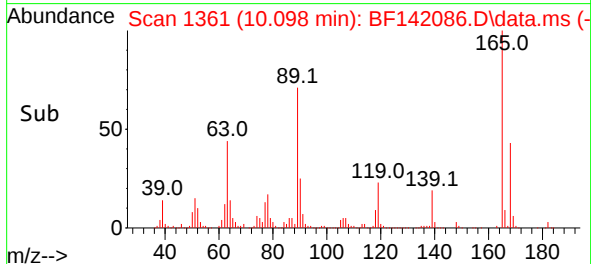
Instrument :
BNA_F
ClientSampleId :
GRID-LINE-1.2-NORTHMS



Tgt Ion:165 Resp: 361487
Ion Ratio Lower Upper
165 100
63 44.1 35.4 53.2
89 71.1 56.6 84.8
182 2.7 2.2 3.4

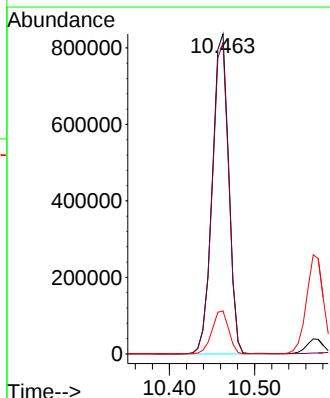
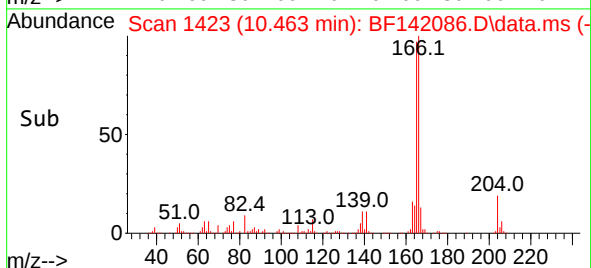
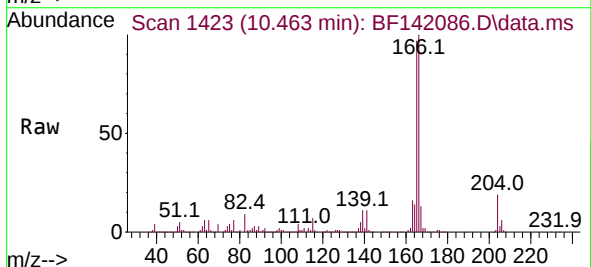
Manual Integrations
APPROVED

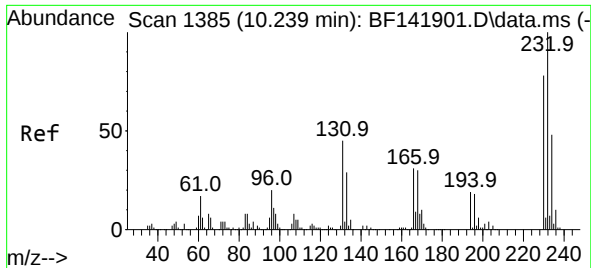
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#58
Fluorene
Concen: 54.298 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF142086.D
Acq: 25 Mar 2025 19:08

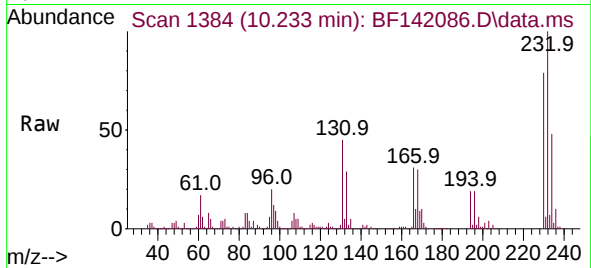
Tgt Ion:166 Resp: 1119768
Ion Ratio Lower Upper
166 100
165 97.1 79.0 118.4
167 13.4 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 54.168 ng
RT: 10.233 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF142086.D
Acq: 25 Mar 2025 19:08

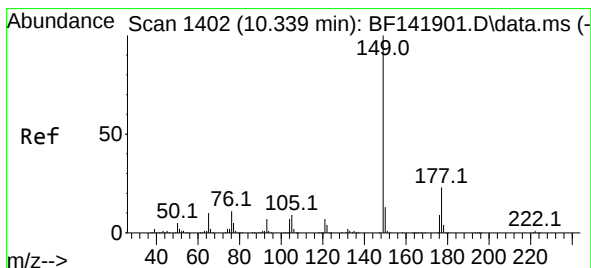
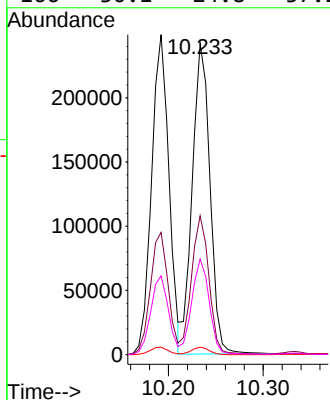
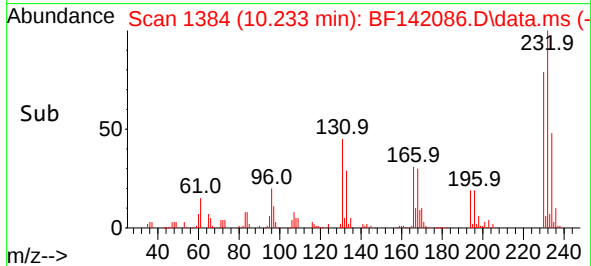
Instrument :
BNA_F
ClientSampleId :
GRID-LINE-1.2-NORTHMS



Tgt Ion:232 Resp: 314773
Ion Ratio Lower Upper
232 100
131 44.2 37.3 55.9
130 2.4 1.9 2.9
166 30.1 24.8 37.2

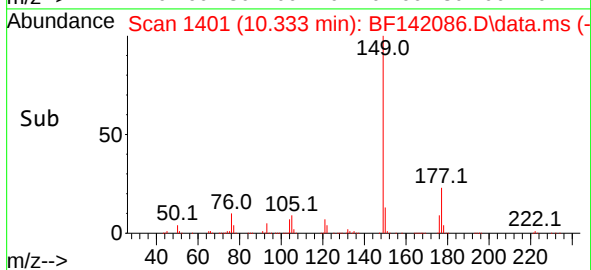
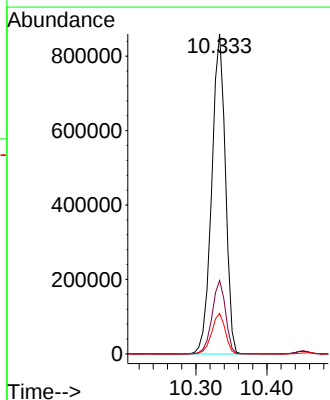
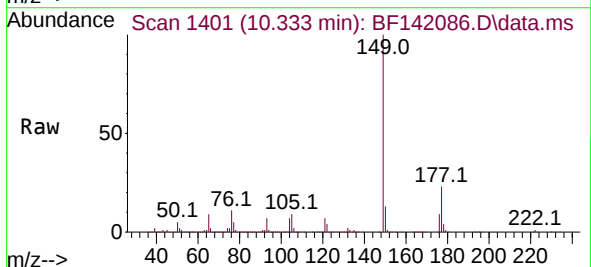
Manual Integrations
APPROVED

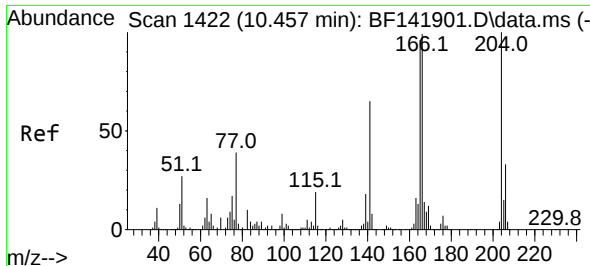
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#60
Diethylphthalate
Concen: 51.865 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF142086.D
Acq: 25 Mar 2025 19:08

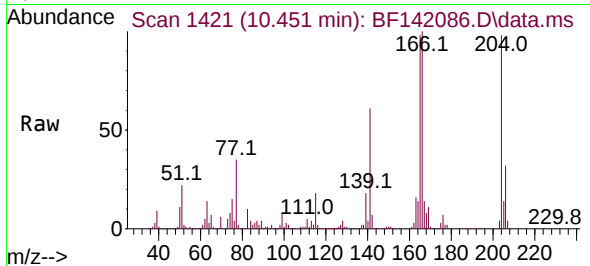
Tgt Ion:149 Resp: 1147622
Ion Ratio Lower Upper
149 100
177 22.9 18.0 27.0
150 12.6 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 55.015 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF142086.D
Acq: 25 Mar 2025 19:08

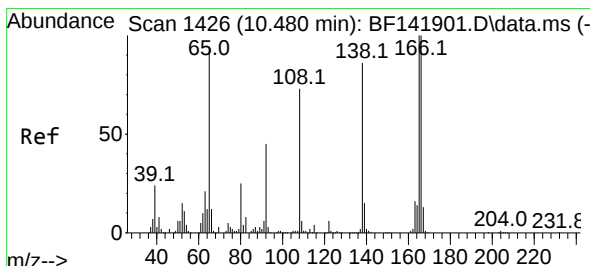
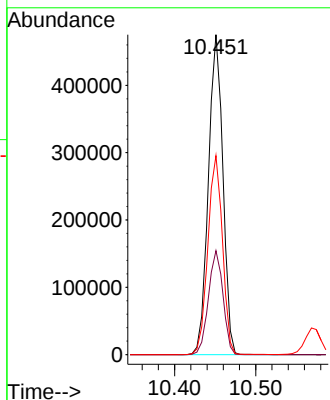
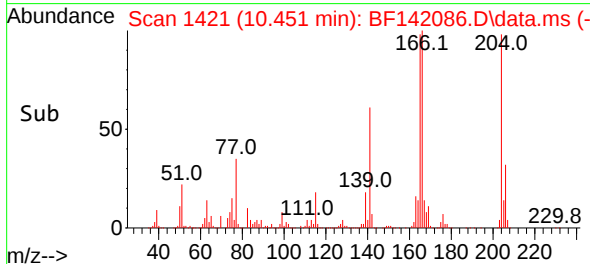
Instrument :
BNA_F
ClientSampleId :
GRID-LINE-1.2-NORTHMS



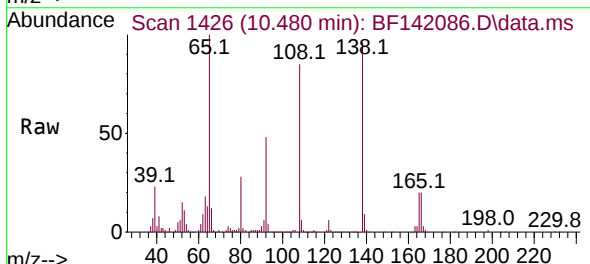
Tgt Ion:204 Resp: 591499
Ion Ratio Lower Upper
204 100
206 32.5 26.8 40.2
141 62.2 52.4 78.6

Manual Integrations
APPROVED

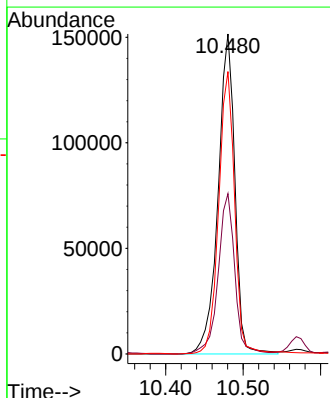
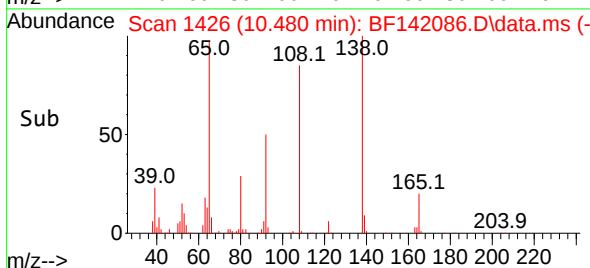
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025

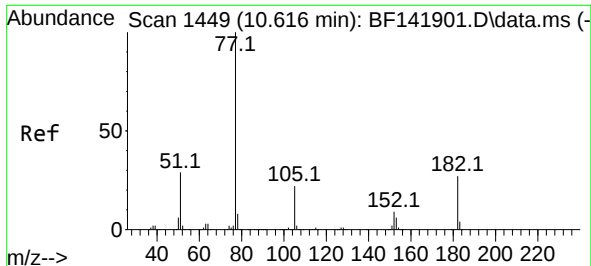


#62
4-Nitroaniline
Concen: 50.123 ng
RT: 10.480 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF142086.D
Acq: 25 Mar 2025 19:08



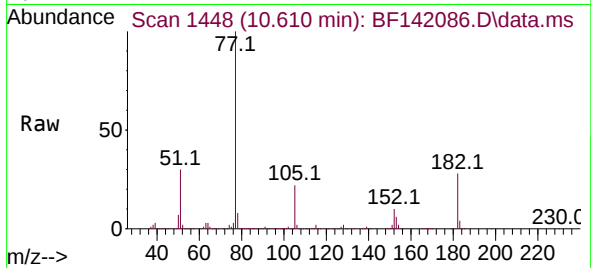
Tgt Ion:138 Resp: 228701
Ion Ratio Lower Upper
138 100
92 50.1 32.6 72.6
108 88.2 65.0 105.0





#63
Azobenzene
Concen: 49.554 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF142086.D
Acq: 25 Mar 2025 19:08

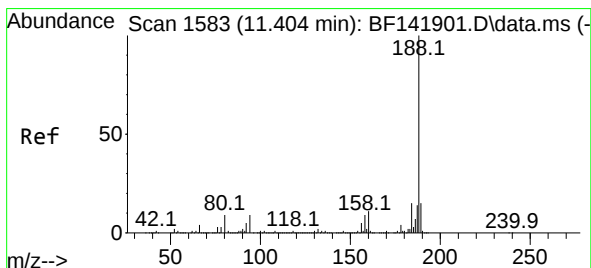
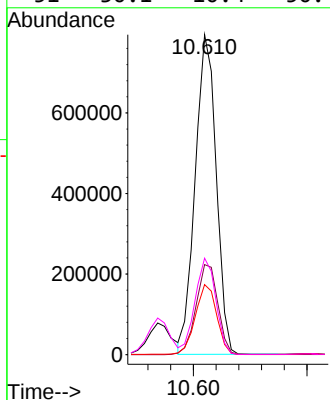
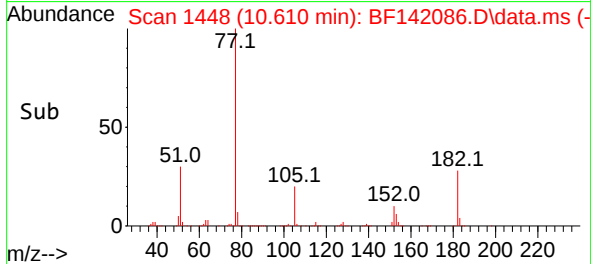
Instrument :
BNA_F
ClientSampleId :
GRID-LINE-1.2-NORTHMS



Tgt Ion: 77 Resp: 101940
Ion Ratio Lower Upper
77 100
182 28.1 6.6 46.6
105 21.9 1.3 41.3
51 30.1 10.4 50.4

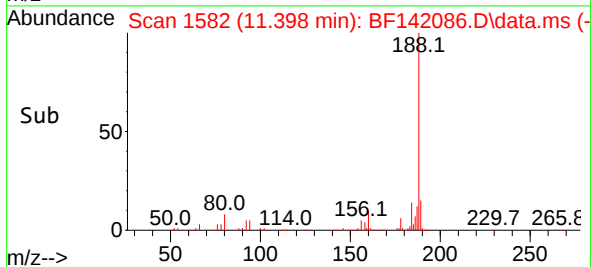
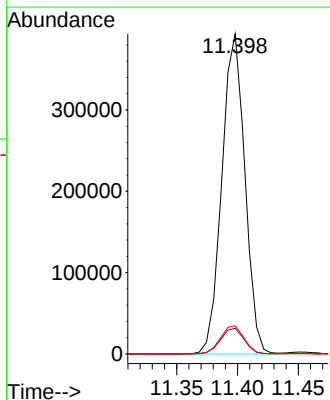
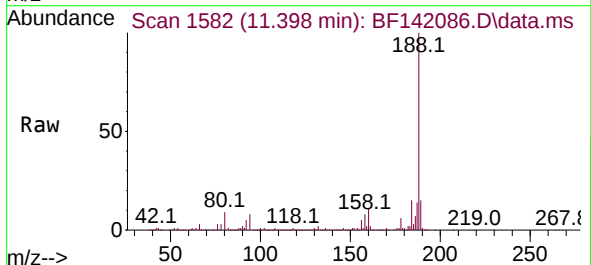
Manual Integrations
APPROVED

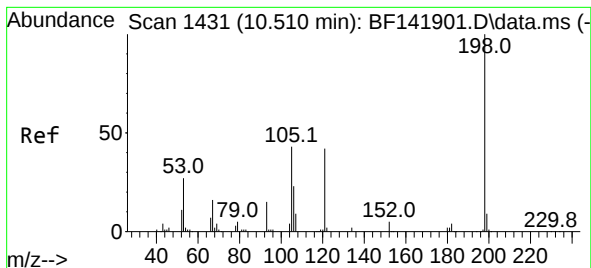
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF142086.D
Acq: 25 Mar 2025 19:08

Tgt Ion:188 Resp: 518084
Ion Ratio Lower Upper
188 100
94 8.0 6.8 10.2
80 8.8 7.6 11.4





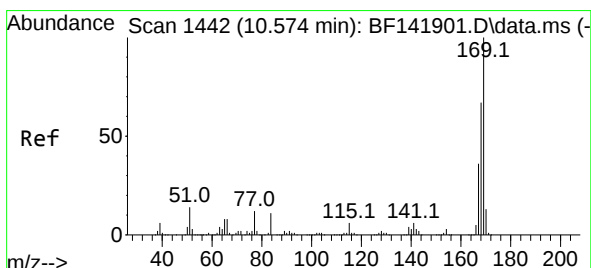
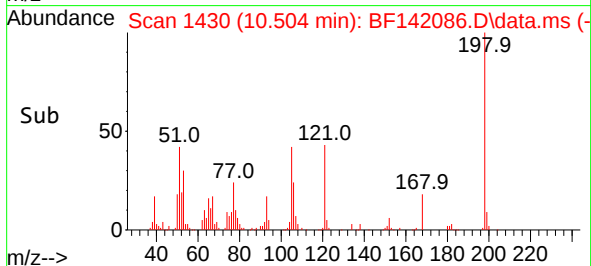
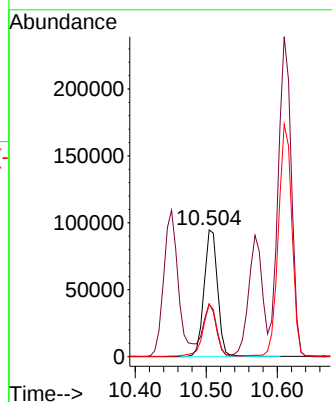
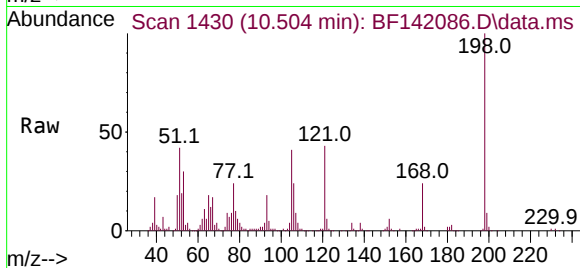
#65
4,6-Dinitro-2-methylphenol
Concen: 40.566 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF142086.D
Acq: 25 Mar 2025 19:08

Instrument :
BNA_F
ClientSampleId :
GRID-LINE-1.2-NORTHMS

Tgt Ion:198 Resp: 125290
Ion Ratio Lower Upper
198 100
51 41.6 22.3 62.3
105 41.2 23.0 63.0

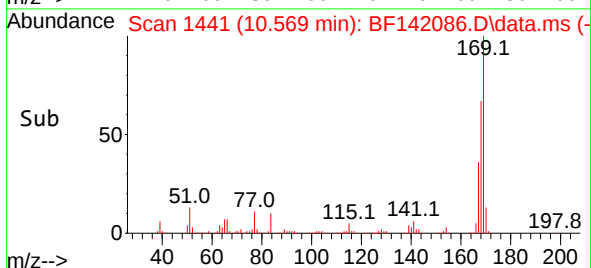
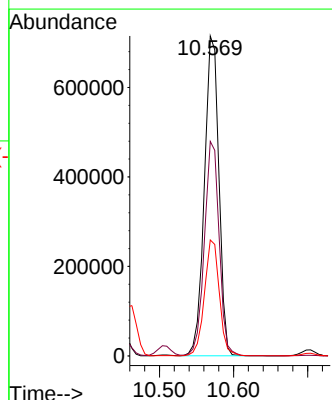
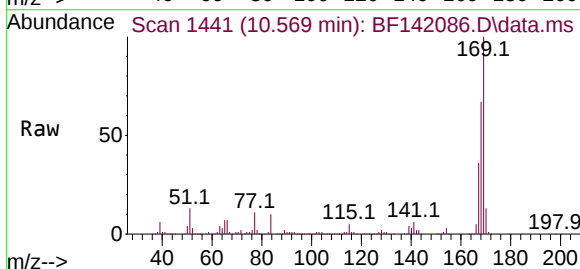
Manual Integrations
APPROVED

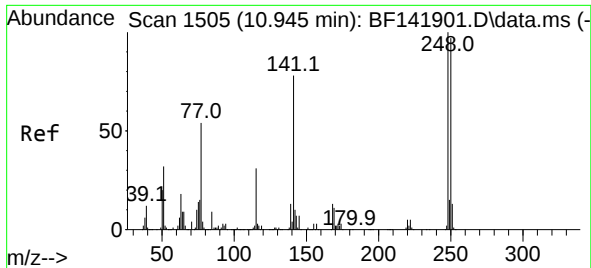
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#66
n-Nitrosodiphenylamine
Concen: 57.794 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF142086.D
Acq: 25 Mar 2025 19:08

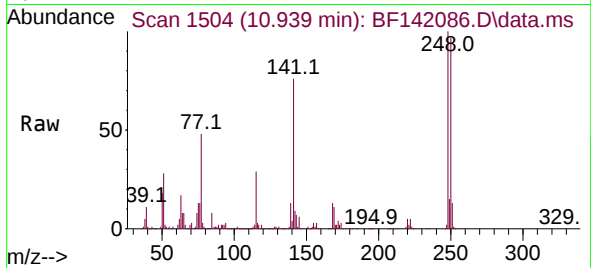
Tgt Ion:169 Resp: 968937
Ion Ratio Lower Upper
169 100
168 67.0 53.7 80.5
167 36.2 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 59.036 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142086.D
Acq: 25 Mar 2025 19:08

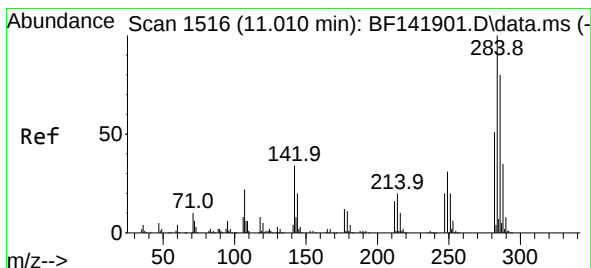
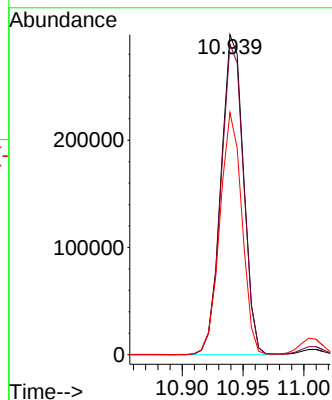
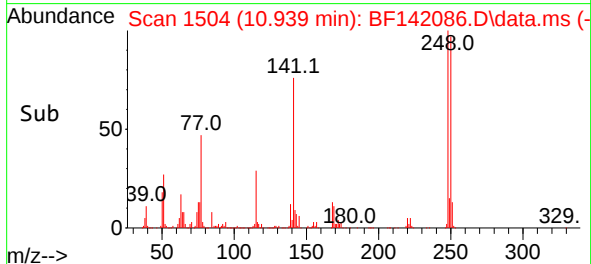
Instrument :
BNA_F
ClientSampleId :
GRID-LINE-1.2-NORTHMS



Tgt Ion:248 Resp: 384118
Ion Ratio Lower Upper
248 100
250 97.0 77.8 116.8
141 75.6 62.6 93.8

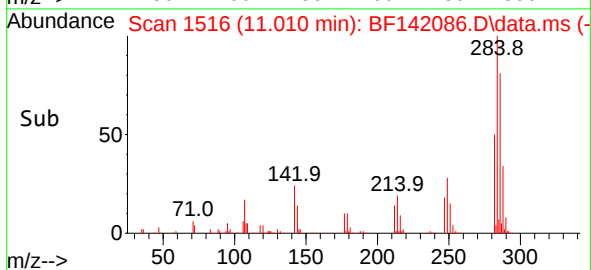
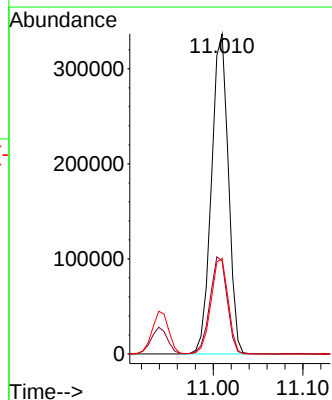
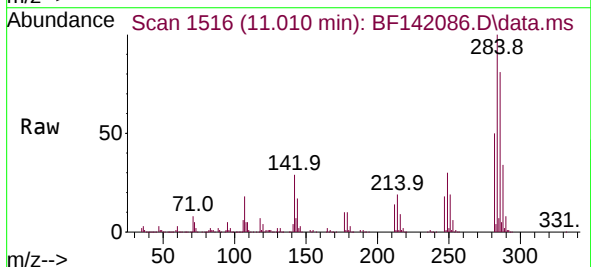
Manual Integrations
APPROVED

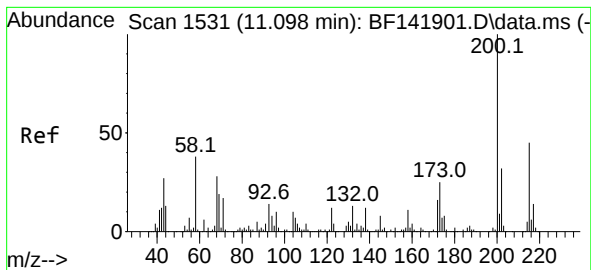
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#68
Hexachlorobenzene
Concen: 61.626 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF142086.D
Acq: 25 Mar 2025 19:08

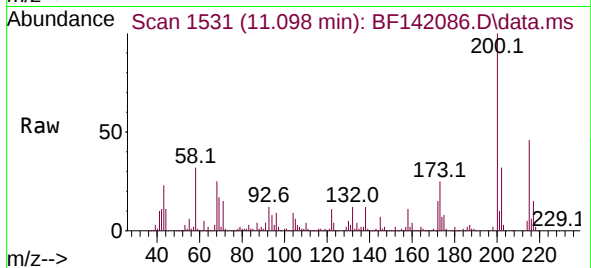
Tgt Ion:284 Resp: 439777
Ion Ratio Lower Upper
284 100
142 29.0 27.0 40.6
249 29.8 25.2 37.8





#69
 Atrazine
 Concen: 63.419 ng
 RT: 11.098 min Scan# 1531
 Delta R.T. 0.000 min
 Lab File: BF142086.D
 Acq: 25 Mar 2025 19:08

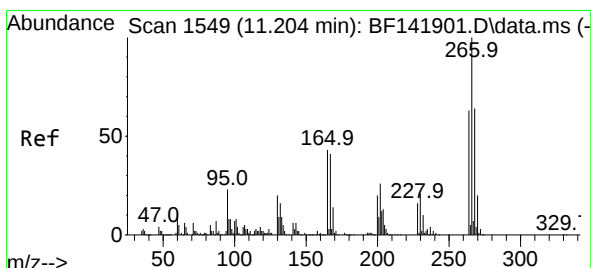
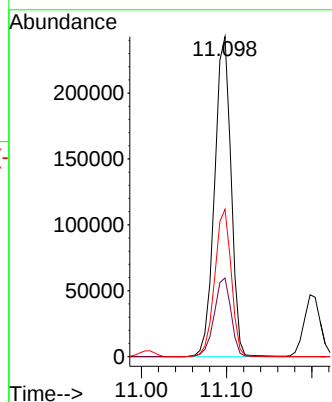
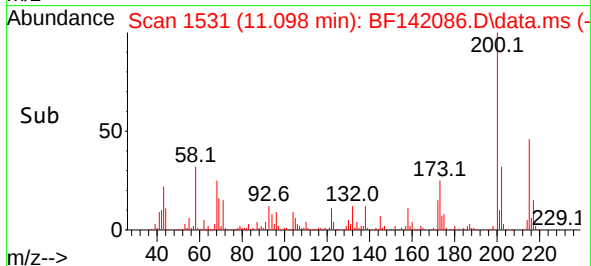
Instrument :
 BNA_F
 ClientSampleId :
 GRID-LINE-1.2-NORTHMS



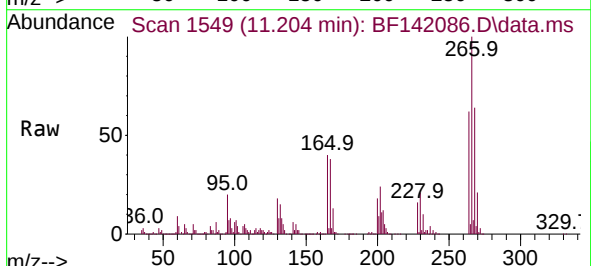
Tgt Ion:200 Resp: 325948
 Ion Ratio Lower Upper
 200 100
 173 24.6 4.7 44.7
 215 46.1 25.4 65.4

Manual Integrations
 APPROVED

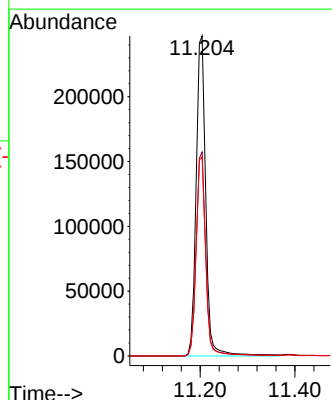
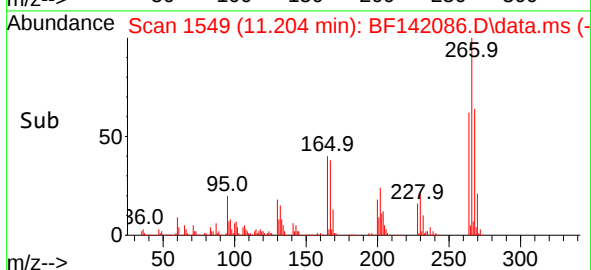
Reviewed By :Anahy Claudio 03/26/2025
 Supervised By :Jagrut Upadhyay 03/26/2025

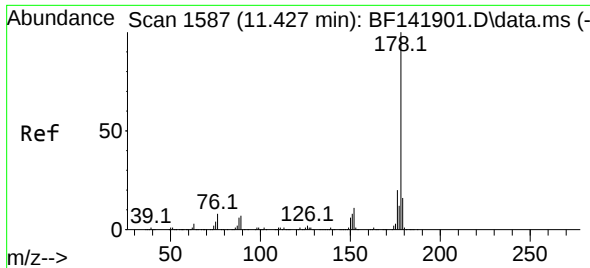


#70
 Pentachlorophenol
 Concen: 79.242 ng
 RT: 11.204 min Scan# 1549
 Delta R.T. 0.000 min
 Lab File: BF142086.D
 Acq: 25 Mar 2025 19:08



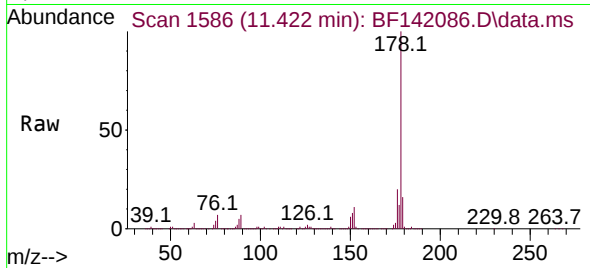
Tgt Ion:266 Resp: 348412
 Ion Ratio Lower Upper
 266 100
 268 63.7 51.0 76.6
 264 62.2 50.2 75.2





#71
Phenanthrene
Concen: 56.817 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF142086.D
Acq: 25 Mar 2025 19:08

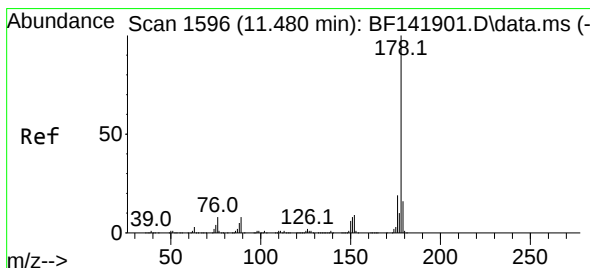
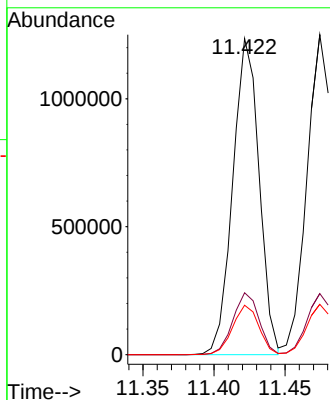
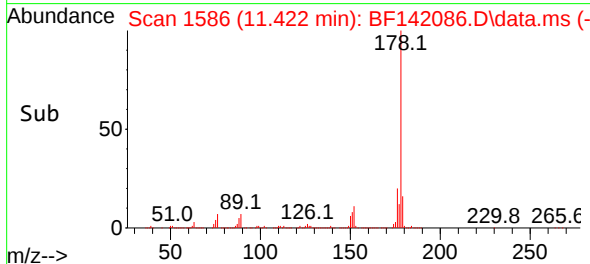
Instrument :
BNA_F
ClientSampleId :
GRID-LINE-1.2-NORTHMS



Tgt Ion:178 Resp: 158993
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.8
179 15.6 12.6 19.0

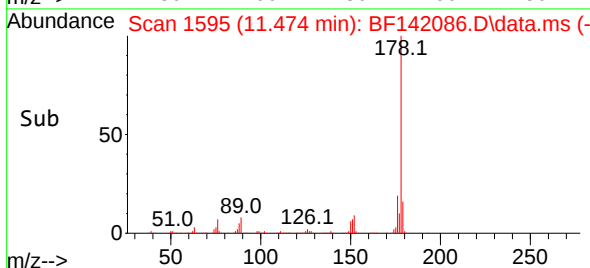
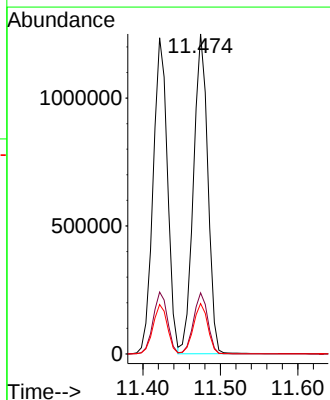
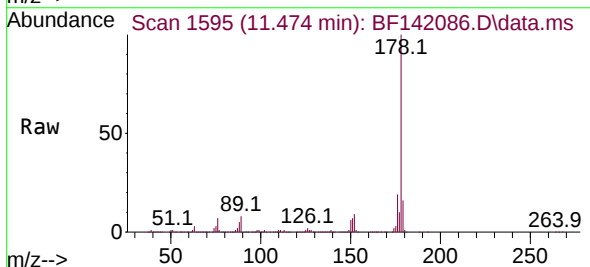
Manual Integrations
APPROVED

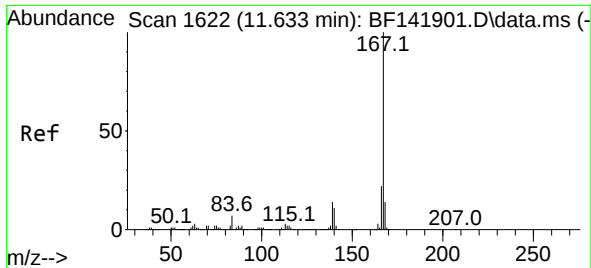
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#72
Anthracene
Concen: 57.168 ng
RT: 11.474 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF142086.D
Acq: 25 Mar 2025 19:08

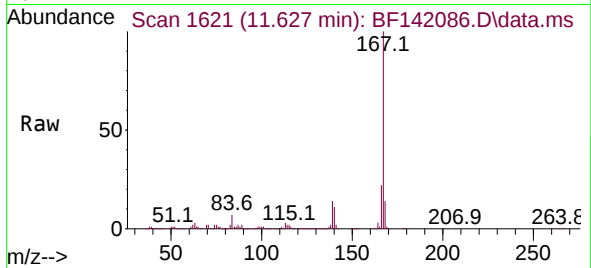
Tgt Ion:178 Resp: 1604976
Ion Ratio Lower Upper
178 100
176 19.1 15.1 22.7
179 15.7 12.6 19.0





#73
 Carbazole
 Concen: 53.306 ng
 RT: 11.627 min Scan# 1621
 Delta R.T. -0.006 min
 Lab File: BF142086.D
 Acq: 25 Mar 2025 19:08

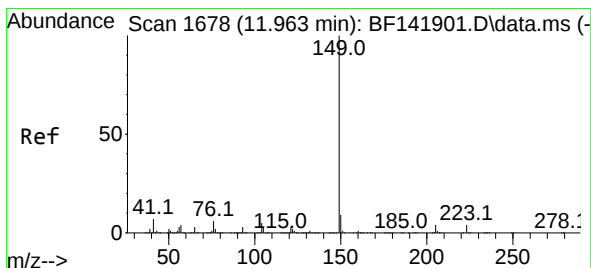
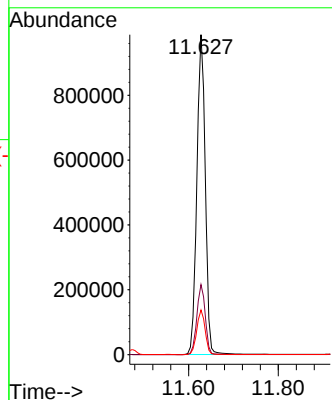
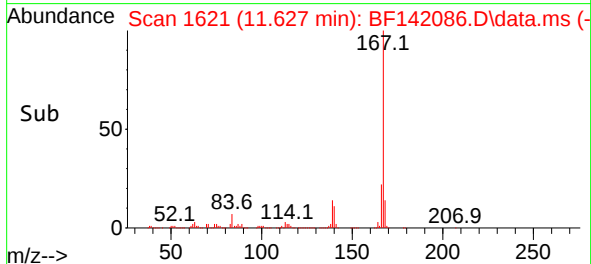
Instrument :
 BNA_F
 ClientSampleId :
 GRID-LINE-1.2-NORTHMS



Tgt Ion:167 Resp: 1290645
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.2
 139 13.9 11.0 16.6

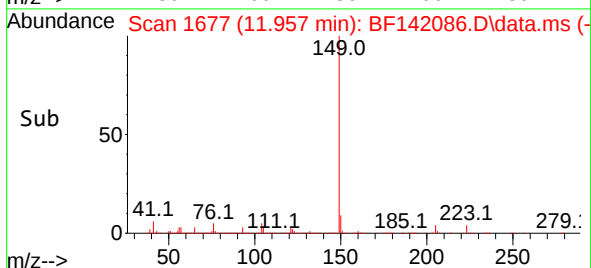
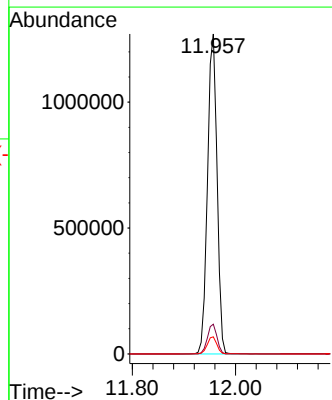
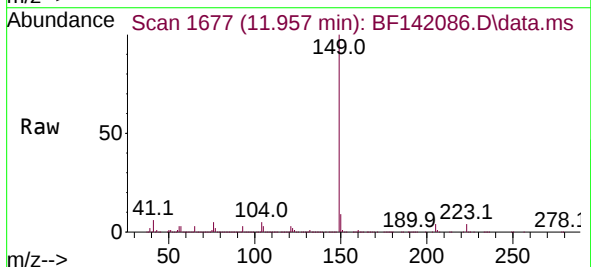
Manual Integrations
 APPROVED

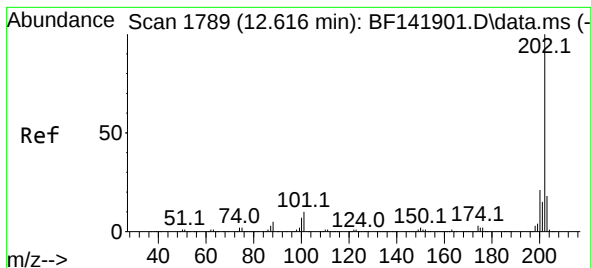
Reviewed By :Anahy Claudio 03/26/2025
 Supervised By :Jagrut Upadhyay 03/26/2025



#74
 Di-n-butylphthalate
 Concen: 50.563 ng
 RT: 11.957 min Scan# 1677
 Delta R.T. -0.006 min
 Lab File: BF142086.D
 Acq: 25 Mar 2025 19:08

Tgt Ion:149 Resp: 1624422
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.6 11.4
 104 5.3 4.4 6.6





#75

Fluoranthene

Concen: 50.112 ng

RT: 12.610 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142086.D

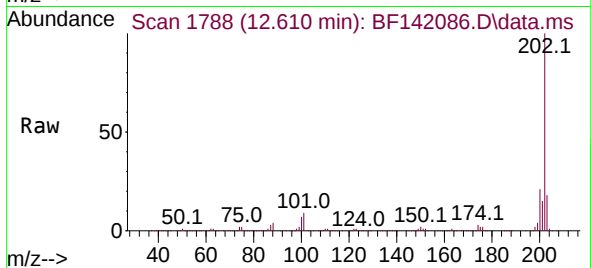
Acq: 25 Mar 2025 19:08

Instrument :

BNA_F

ClientSampleId :

GRID-LINE-1.2-NORTHMS



Tgt Ion:202 Resp: 1487505

Ion Ratio Lower Upper

202 100

101 8.9 0.0 29.7

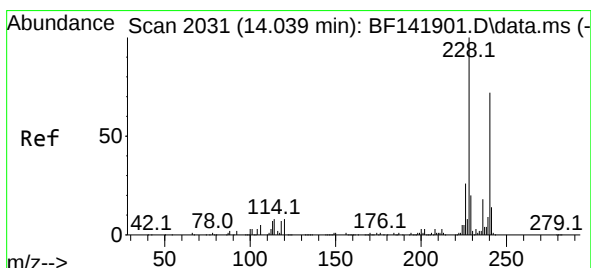
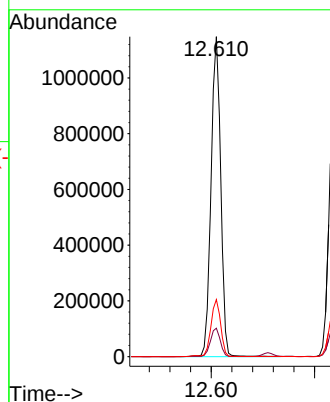
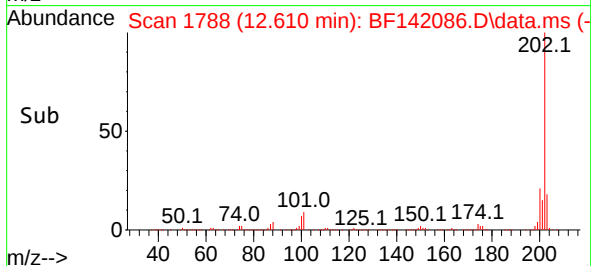
203 17.8 0.0 37.8

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/26/2025

Supervised By :Jagrut Upadhyay 03/26/2025



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF142086.D

Acq: 25 Mar 2025 19:08

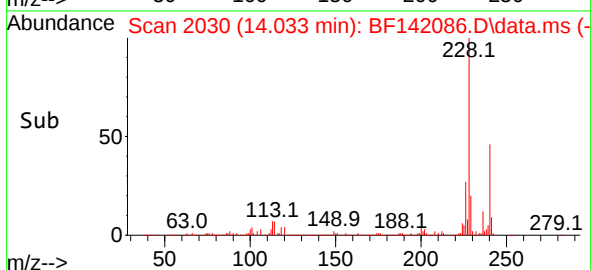
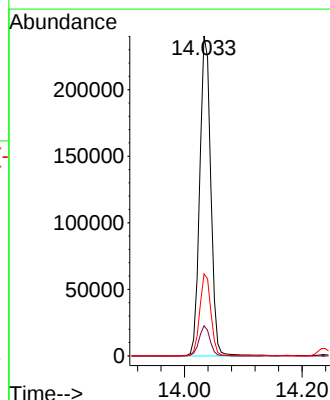
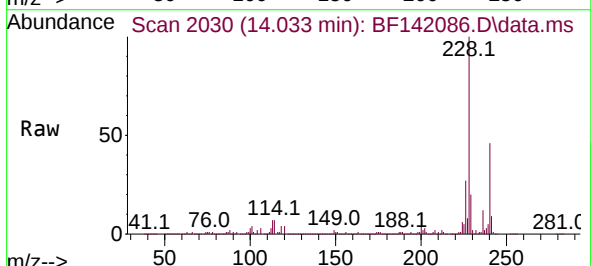
Tgt Ion:240 Resp: 312206

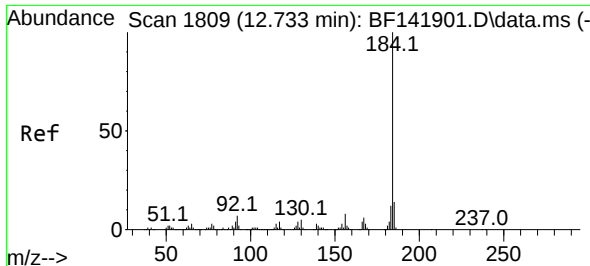
Ion Ratio Lower Upper

240 100

120 9.4 8.4 12.6

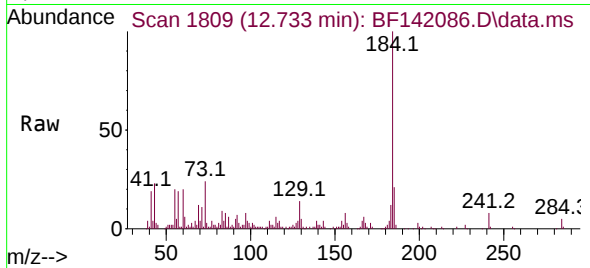
236 25.6 20.5 30.7





#77
Benzidine
Concen: 17.561 ng
RT: 12.733 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BF142086.D
Acq: 25 Mar 2025 19:08

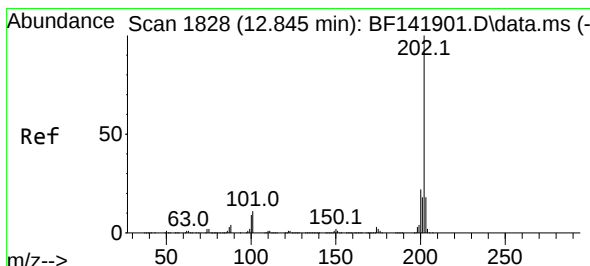
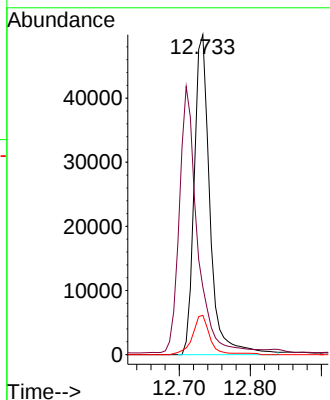
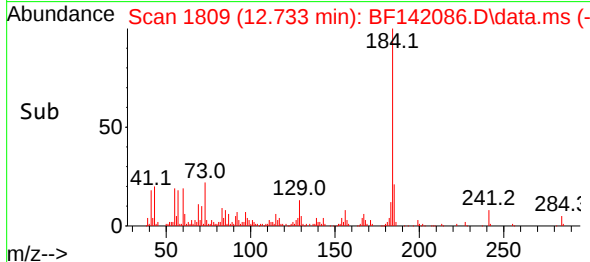
Instrument :
BNA_F
ClientSampleId :
GRID-LINE-1.2-NORTHMS



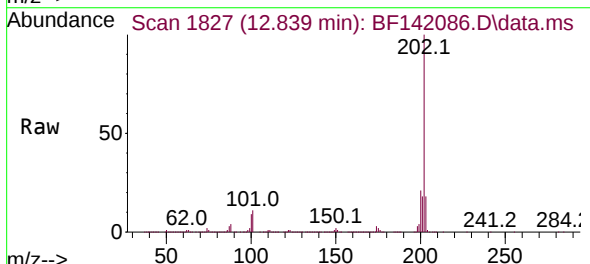
Tgt Ion:184 Resp: 76495
Ion Ratio Lower Upper
184 100
185 21.2 11.5 17.3
183 12.3 9.7 14.5

Manual Integrations
APPROVED

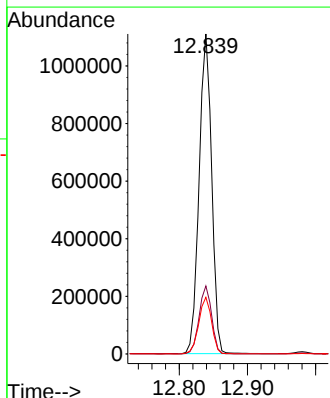
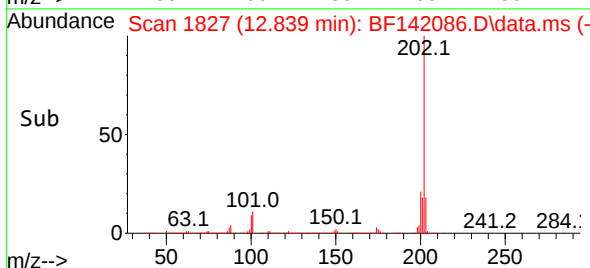
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025

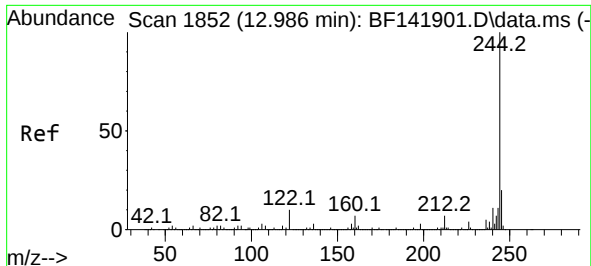


#78
Pyrene
Concen: 52.688 ng
RT: 12.839 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF142086.D
Acq: 25 Mar 2025 19:08



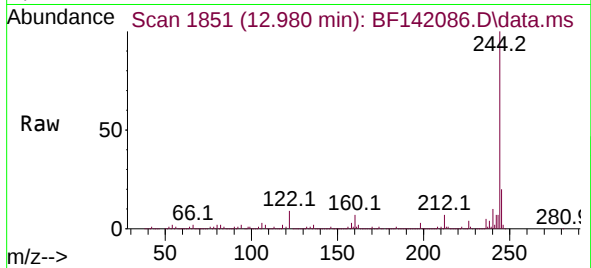
Tgt Ion:202 Resp: 1422899
Ion Ratio Lower Upper
202 100
200 21.2 17.3 25.9
203 17.7 14.4 21.6





#79
 Terphenyl-d14
 Concen: 113.983 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF142086.D
 Acq: 25 Mar 2025 19:08

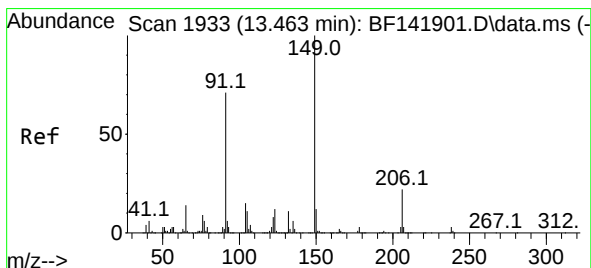
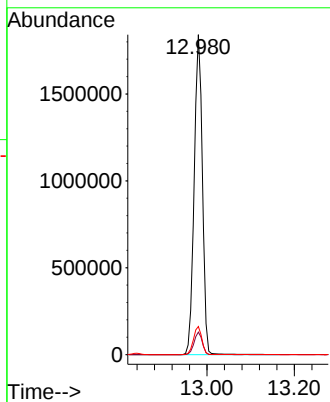
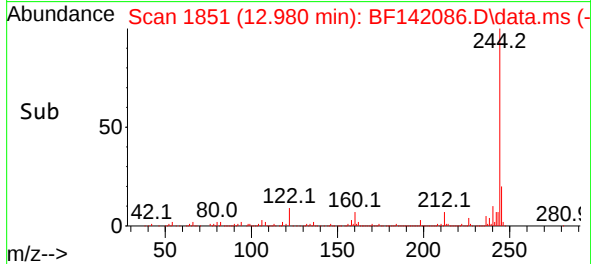
Instrument :
 BNA_F
 ClientSampleId :
 GRID-LINE-1.2-NORTHMS



Tgt Ion:244 Resp: 2406993
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 8.8 7.7 11.5

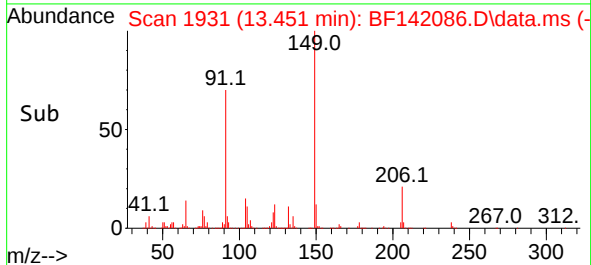
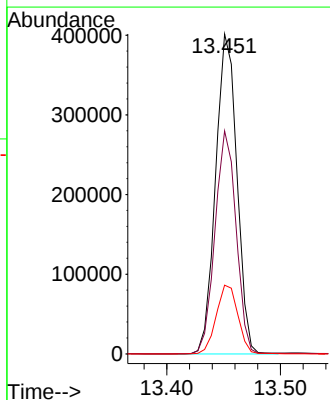
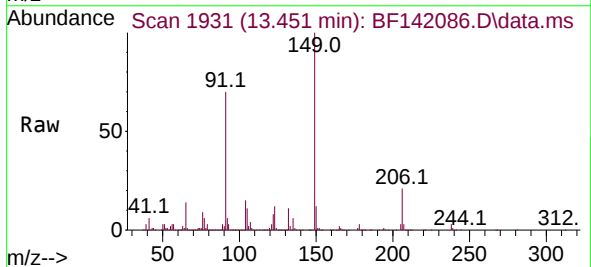
Manual Integrations
 APPROVED

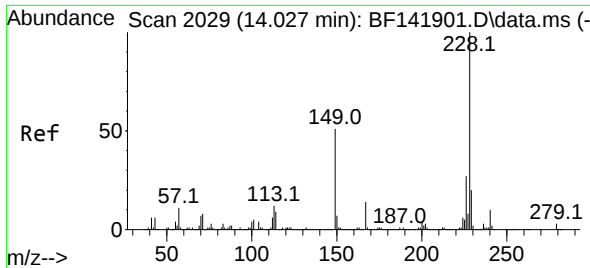
Reviewed By :Anahy Claudio 03/26/2025
 Supervised By :Jagrut Upadhyay 03/26/2025



#80
 Butylbenzylphthalate
 Concen: 49.456 ng
 RT: 13.451 min Scan# 1931
 Delta R.T. -0.012 min
 Lab File: BF142086.D
 Acq: 25 Mar 2025 19:08

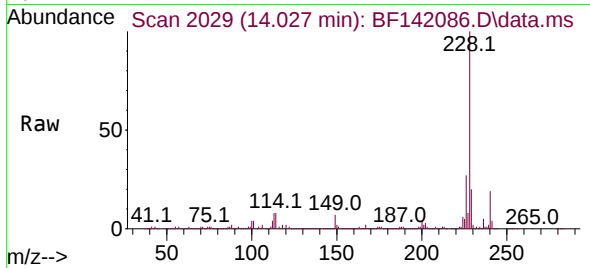
Tgt Ion:149 Resp: 522765
 Ion Ratio Lower Upper
 149 100
 91 69.7 56.5 84.7
 206 21.5 17.3 25.9





#81
Benzo(a)anthracene
Concen: 56.833 ng
RT: 14.027 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF142086.D
Acq: 25 Mar 2025 19:08

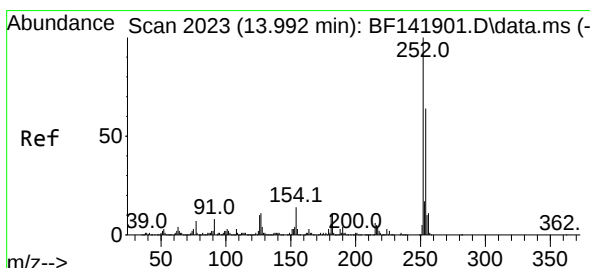
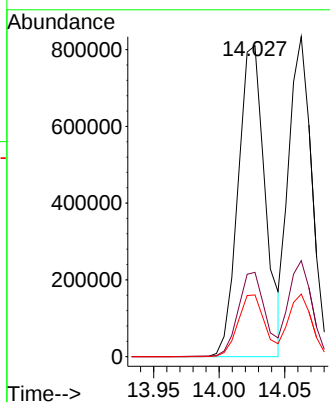
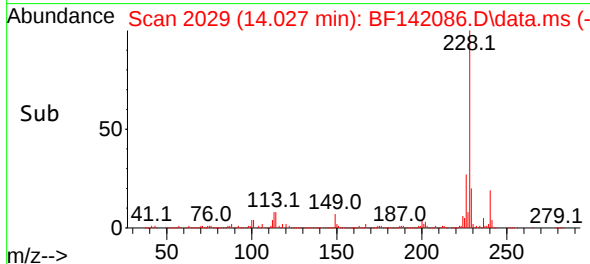
Instrument :
BNA_F
ClientSampleId :
GRID-LINE-1.2-NORTHMS



Tgt Ion:228 Resp: 1164345
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.8
229 19.9 16.0 24.0

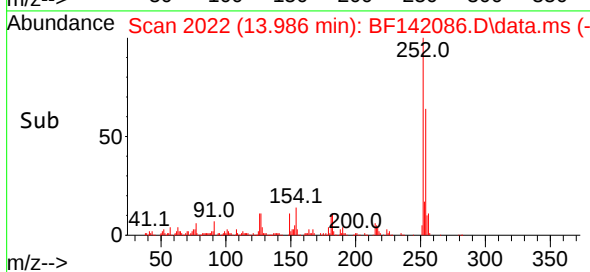
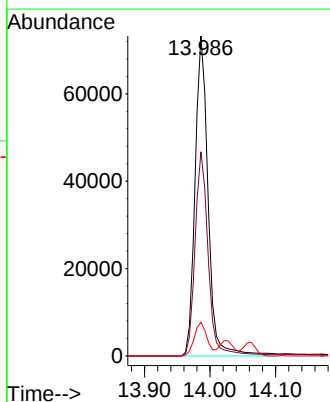
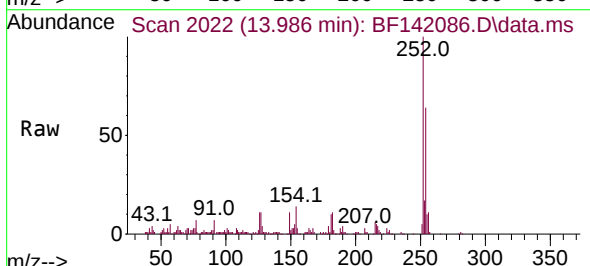
Manual Integrations
APPROVED

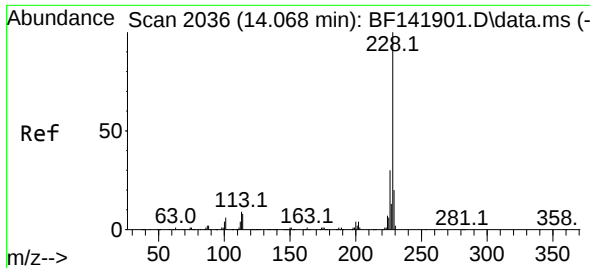
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#82
3,3'-Dichlorobenzidine
Concen: 17.154 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF142086.D
Acq: 25 Mar 2025 19:08

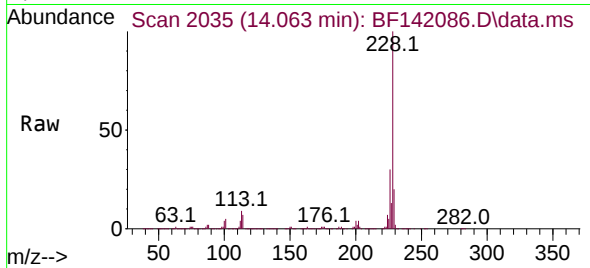
Tgt Ion:252 Resp: 101558
Ion Ratio Lower Upper
252 100
254 63.8 51.0 76.6
126 10.5 8.4 12.6





#83
Chrysene
Concen: 55.235 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF142086.D
Acq: 25 Mar 2025 19:08

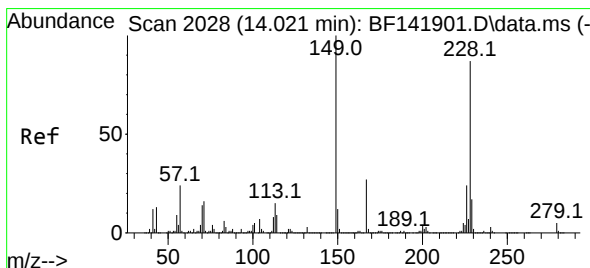
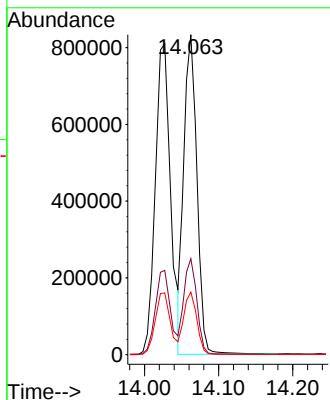
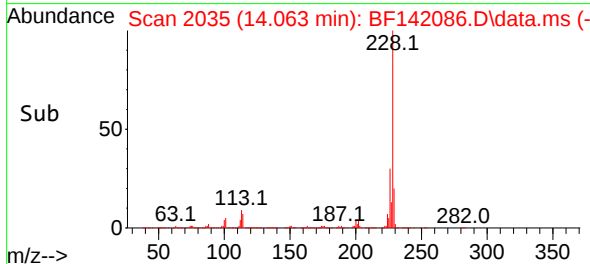
Instrument :
BNA_F
ClientSampleId :
GRID-LINE-1.2-NORTHMS



Tgt Ion:228 Resp: 1025756
Ion Ratio Lower Upper
228 100
226 30.0 24.1 36.1
229 19.5 15.7 23.5

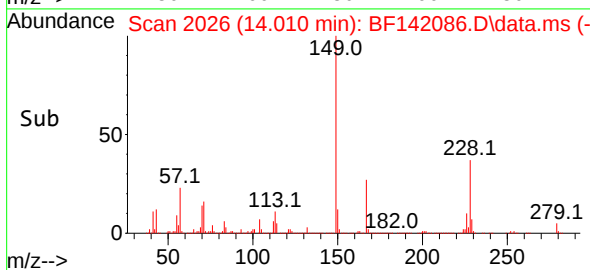
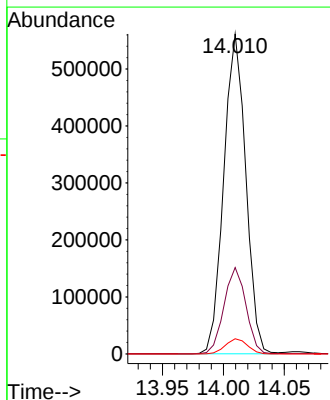
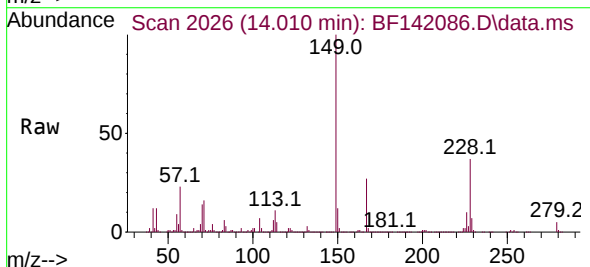
Manual Integrations
APPROVED

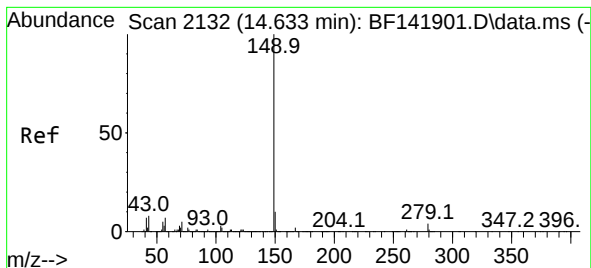
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 48.451 ng
RT: 14.010 min Scan# 2026
Delta R.T. -0.012 min
Lab File: BF142086.D
Acq: 25 Mar 2025 19:08

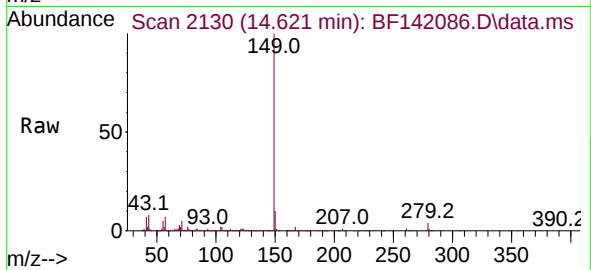
Tgt Ion:149 Resp: 706132
Ion Ratio Lower Upper
149 100
167 27.0 21.4 32.0
279 4.8 3.8 5.6





#85
Di-n-octyl phthalate
Concen: 57.964 ng
RT: 14.621 min Scan# 2132
Delta R.T. -0.012 min
Lab File: BF142086.D
Acq: 25 Mar 2025 19:08

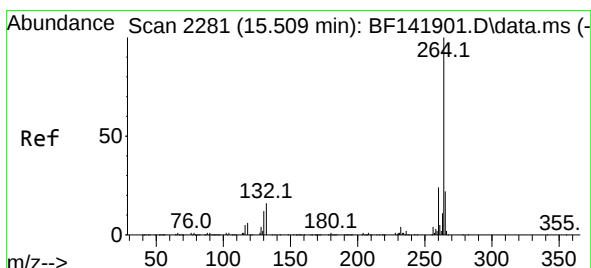
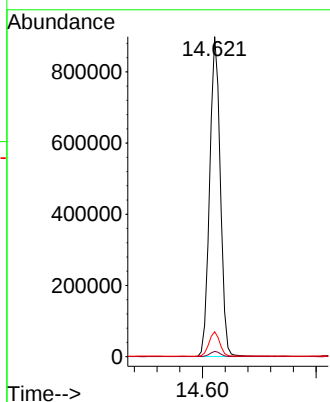
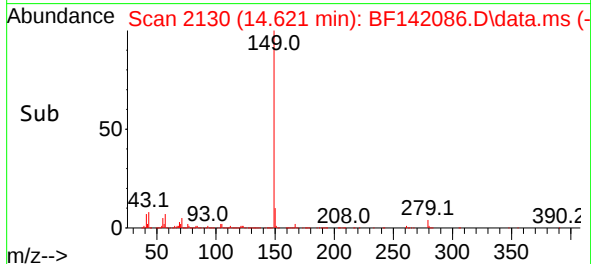
Instrument :
BNA_F
ClientSampleId :
GRID-LINE-1.2-NORTHMS



Tgt Ion:149 Resp: 1175417
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.7 6.9 10.3

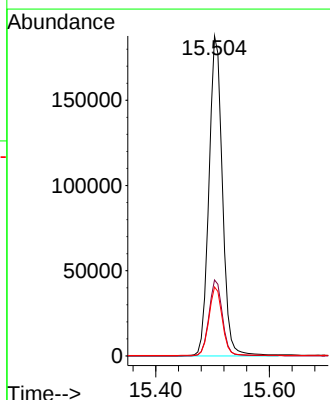
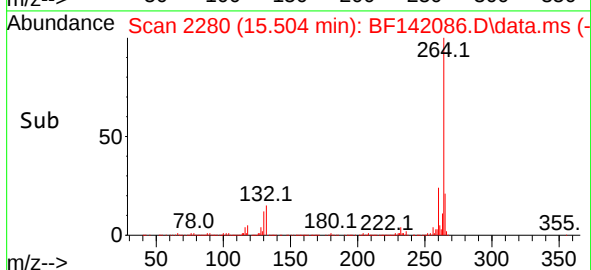
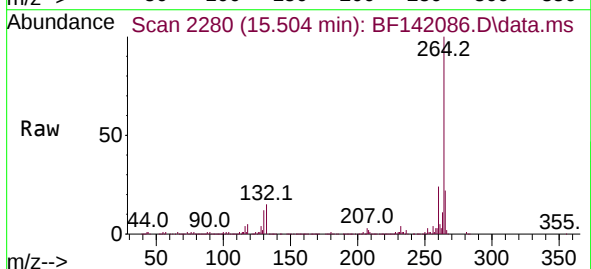
Manual Integrations
APPROVED

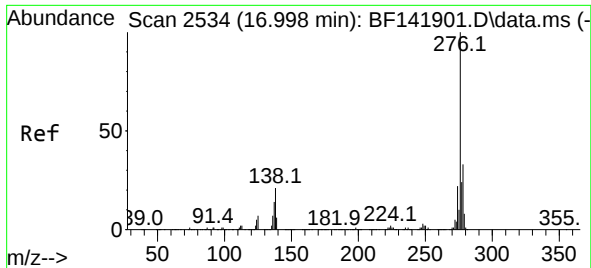
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2280
Delta R.T. -0.006 min
Lab File: BF142086.D
Acq: 25 Mar 2025 19:08

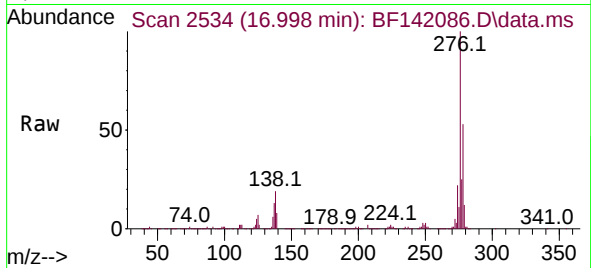
Tgt Ion:264 Resp: 310091
Ion Ratio Lower Upper
264 100
260 23.7 19.1 28.7
265 21.5 17.5 26.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 52.237 ng
RT: 16.998 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF142086.D
Acq: 25 Mar 2025 19:08

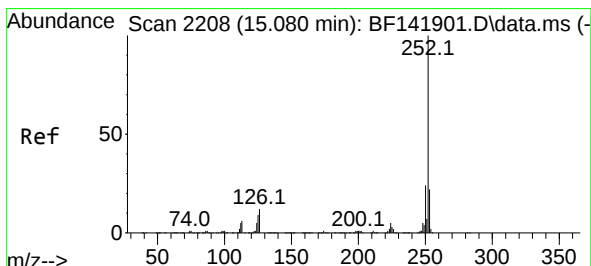
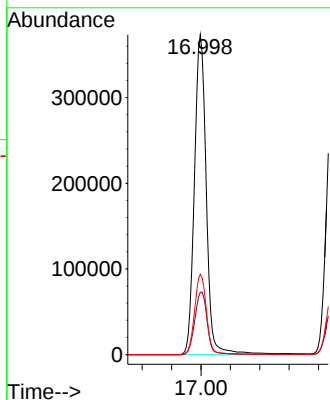
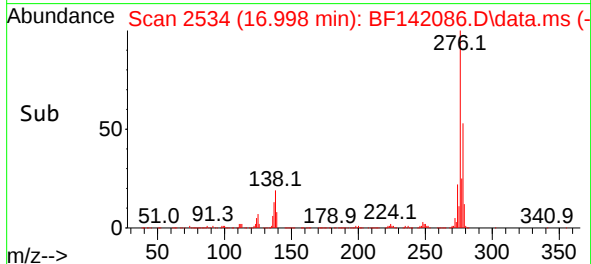
Instrument :
BNA_F
ClientSampleId :
GRID-LINE-1.2-NORTHMS



Tgt Ion:276 Resp: 1047831
Ion Ratio Lower Upper
276 100
138 20.6 18.4 27.6
277 25.2 20.3 30.5

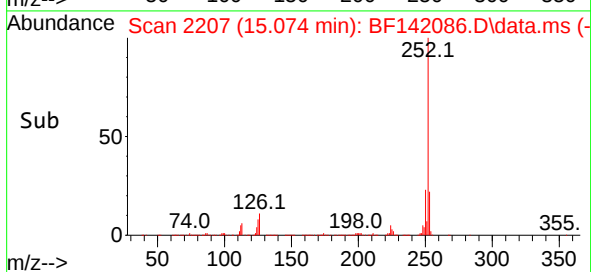
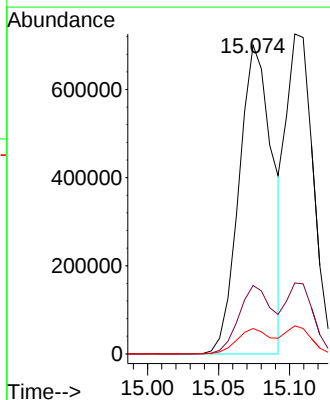
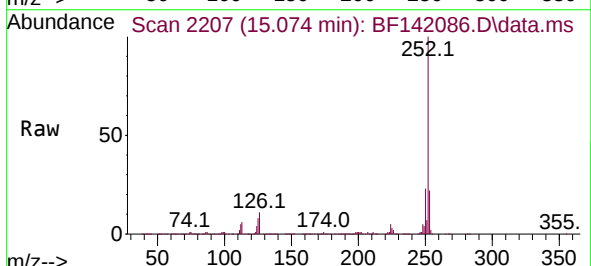
Manual Integrations
APPROVED

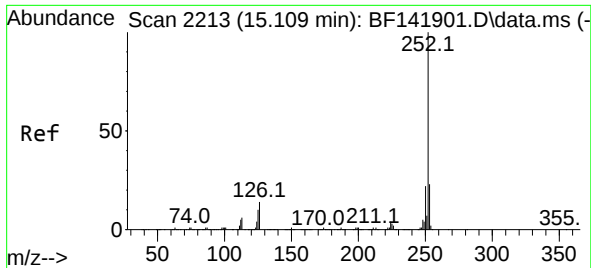
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#88
Benzo(b)fluoranthene
Concen: 54.054 ng
RT: 15.074 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BF142086.D
Acq: 25 Mar 2025 19:08

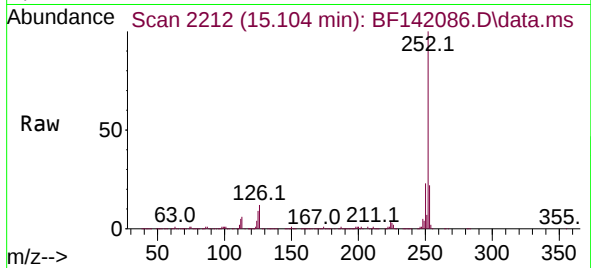
Tgt Ion:252 Resp: 1148776
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 8.2 7.0 10.4





#89
Benzo(k)fluoranthene
Concen: 54.381 ng
RT: 15.104 min Scan# 2213
Delta R.T. -0.006 min
Lab File: BF142086.D
Acq: 25 Mar 2025 19:08

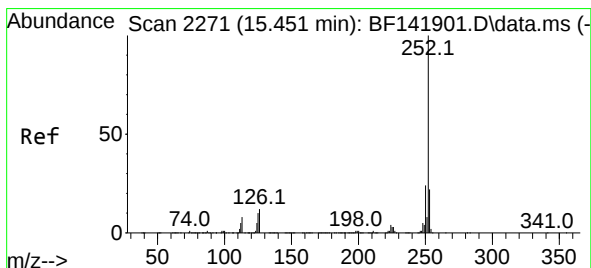
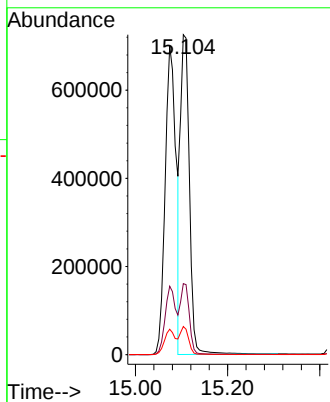
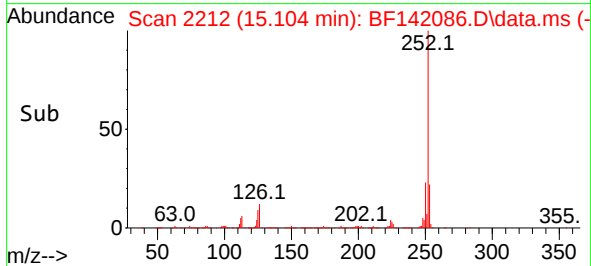
Instrument :
BNA_F
ClientSampleId :
GRID-LINE-1.2-NORTHMS



Tgt Ion:252 Resp: 989040
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 8.8 7.2 10.8

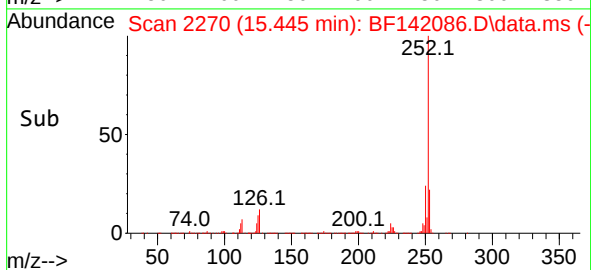
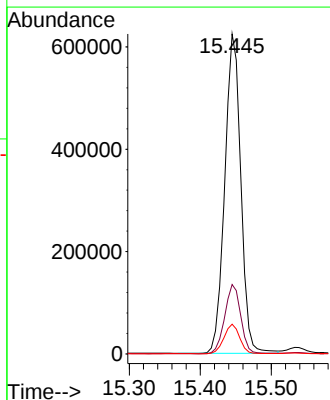
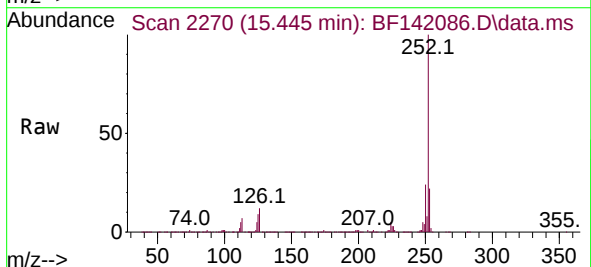
Manual Integrations
APPROVED

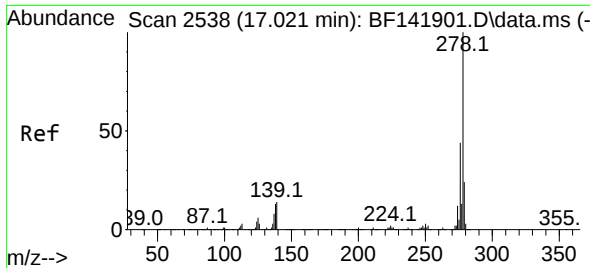
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#90
Benzo(a)pyrene
Concen: 59.071 ng
RT: 15.445 min Scan# 2270
Delta R.T. -0.006 min
Lab File: BF142086.D
Acq: 25 Mar 2025 19:08

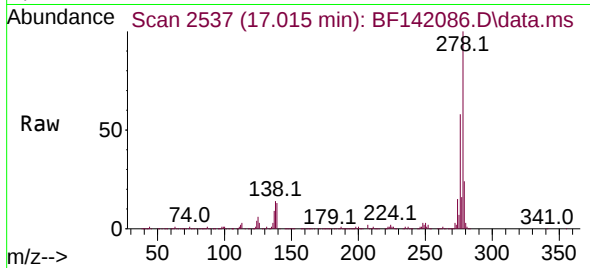
Tgt Ion:252 Resp: 982295
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 9.3 7.8 11.8





#91
Dibenzo(a,h)anthracene
Concen: 50.979 ng
RT: 17.015 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142086.D
Acq: 25 Mar 2025 19:08

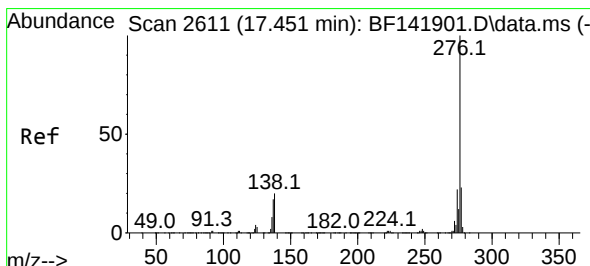
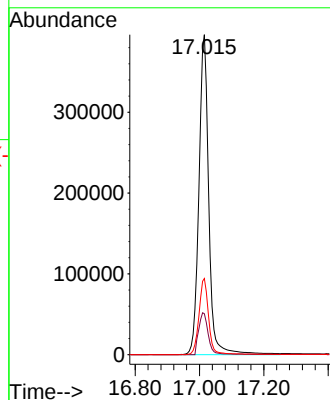
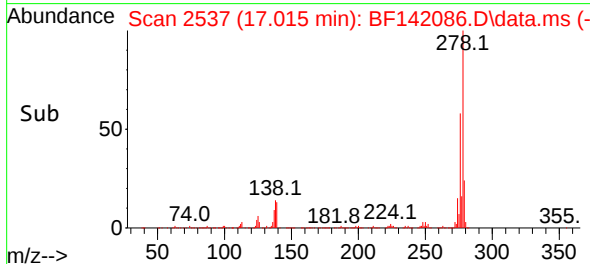
Instrument :
BNA_F
ClientSampleId :
GRID-LINE-1.2-NORTHMS



Tgt Ion:278 Resp: 843735
Ion Ratio Lower Upper
278 100
139 12.8 11.4 17.2
279 23.8 18.8 28.2

Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#92
Benzo(g,h,i)perylene
Concen: 48.629 ng
RT: 17.445 min Scan# 2610
Delta R.T. -0.006 min
Lab File: BF142086.D
Acq: 25 Mar 2025 19:08

Tgt Ion:276 Resp: 795340
Ion Ratio Lower Upper
276 100
277 23.8 18.7 28.1
138 17.9 15.8 23.8

