

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032825\
 Data File : BF142154.D
 Acq On : 28 Mar 2025 12:02
 Operator : RC/JU
 Sample : PB167349BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167349BS

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 03/31/2025
 Supervised By :Jagrut Upadhyay 03/31/2025

Quant Time: Mar 28 12:30:03 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	135917	20.000	ng	-0.01
21) Naphthalene-d8	8.157	136	522245	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	326129	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	541194	20.000	ng	0.00
76) Chrysene-d12	14.039	240	339098	20.000	ng	0.00
86) Perylene-d12	15.515	264	340958	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1046363	128.486	ng	0.00
7) Phenol-d6	6.498	99	1306945	126.045	ng	0.00
23) Nitrobenzene-d5	7.433	82	855976	92.238	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	636883	153.934	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1899544	88.580	ng	-0.01
79) Terphenyl-d14	12.980	244	2210262	96.367	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.710	88	126392	37.040	ng	97
3) Pyridine	3.469	79	344755	41.189	ng	98
4) n-Nitrosodimethylamine	3.422	42	160906	40.328	ng	93
6) Aniline	6.534	93	384589	37.599	ng	97
8) 2-Chlorophenol	6.657	128	450168	49.841	ng	97
9) Benzaldehyde	6.422	77	278104	47.957	ng	98
10) Phenol	6.516	94	510283	46.779	ng	97
11) bis(2-Chloroethyl)ether	6.604	93	374936	45.775	ng	98
12) 1,3-Dichlorobenzene	6.810	146	466779	47.869	ng	98
13) 1,4-Dichlorobenzene	6.886	146	469926	47.630	ng	99
14) 1,2-Dichlorobenzene	7.039	146	451904	48.629	ng	98
15) Benzyl Alcohol	7.010	79	390226	46.552	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	402222	40.675	ng	96
17) 2-Methylphenol	7.122	107	354691	49.390	ng	99
18) Hexachloroethane	7.381	117	174610	47.196	ng	97
19) n-Nitroso-di-n-propyla...	7.286	70	290082	43.539	ng	98
20) 3+4-Methylphenols	7.275	107	447654	48.666	ng	# 89
22) Acetophenone	7.281	105	590005	47.176	ng	97
24) Nitrobenzene	7.457	77	445293	48.268	ng	97
25) Isophorone	7.692	82	817988	49.865	ng	100
26) 2-Nitrophenol	7.769	139	246539	54.449	ng	98
27) 2,4-Dimethylphenol	7.804	122	415305	66.612	ng	100
28) bis(2-Chloroethoxy)met...	7.904	93	491701	47.790	ng	99
29) 2,4-Dichlorophenol	8.010	162	375312	48.498	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	408068	47.849	ng	98
31) Naphthalene	8.175	128	1228587	45.797	ng	100
32) Benzoic acid	7.928	122	293628	53.577	ng	95
33) 4-Chloroaniline	8.222	127	91292	9.640	ng	96
34) Hexachlorobutadiene	8.292	225	271849	48.878	ng	98
35) Caprolactam	8.598	113	127922m	54.219	ng	
36) 4-Chloro-3-methylphenol	8.704	107	442122	51.215	ng	98
37) 2-Methylnaphthalene	8.869	142	773861	43.157	ng	100
38) 1-Methylnaphthalene	8.969	142	827121	47.801	ng	99
40) 1,2,4,5-Tetrachloroben...	9.033	216	458117	46.138	ng	98
41) Hexachlorocyclopentadiene	9.022	237	621272	159.877	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	312066	48.090	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	333977	50.816	ng	97
46) 1,1'-Biphenyl	9.333	154	1136844	45.878	ng	99
47) 2-Chloronaphthalene	9.357	162	856757	46.388	ng	98
48) 2-Nitroaniline	9.451	65	241595	45.177	ng	97
49) Acenaphthylene	9.774	152	1377270	50.250	ng	100
50) Dimethylphthalate	9.633	163	1094785	47.937	ng	100
51) 2,6-Dinitrotoluene	9.698	165	240638	50.606	ng	90
52) Acenaphthene	9.945	154	1010352	52.455	ng	99
53) 3-Nitroaniline	9.863	138	96585	20.024	ng	98
54) 2,4-Dinitrophenol	9.975	184	283837	102.999	ng	# 43
55) Dibenzofuran	10.116	168	1180660	42.899	ng	99
56) 4-Nitrophenol	10.027	139	373120	102.577	ng	94
57) 2,4-Dinitrotoluene	10.104	165	318259	51.244	ng	99
58) Fluorene	10.463	166	1010330	47.603	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	284936	47.644	ng	96
60) Diethylphthalate	10.333	149	999734	43.901	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	526088	47.544	ng	97
62) 4-Nitroaniline	10.480	138	230108	49.002	ng	97
63) Azobenzene	10.610	77	928430	43.852	ng	97
65) 4,6-Dinitro-2-methylph...	10.510	198	193669	60.028	ng	94
66) n-Nitrosodiphenylamine	10.569	169	897261	51.233	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	326312	48.010	ng	99
68) Hexachlorobenzene	11.010	284	383548	51.452	ng	95
69) Atrazine	11.098	200	312180	58.146	ng	98
70) Pentachlorophenol	11.204	266	444946	96.876	ng	100
71) Phenanthrene	11.421	178	1428498	48.868	ng	99
72) Anthracene	11.474	178	1480773	50.492	ng	100
73) Carbazole	11.627	167	1234919	48.827	ng	100
74) Di-n-butylphthalate	11.957	149	1550019	46.187	ng	100
75) Fluoranthene	12.610	202	1453458	46.874	ng	100
77) Benzidine	12.733	184	444068	93.862	ng	100
78) Pyrene	12.839	202	1419919	48.408	ng	100
80) Butylbenzylphthalate	13.457	149	537240	46.795	ng	97
81) Benzo(a)anthracene	14.027	228	1079150	48.497	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	118926	18.494	ng	99
83) Chrysene	14.062	228	1002295	49.691	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	719866	45.476	ng	100
85) Di-n-octyl phthalate	14.627	149	1088094	49.402	ng	97
87) Indeno(1,2,3-cd)pyrene	17.009	276	960527	43.549	ng	97
88) Benzo(b)fluoranthene	15.080	252	1081421	46.278	ng	100
89) Benzo(k)fluoranthene	15.109	252	910352	45.523	ng	99
90) Benzo(a)pyrene	15.451	252	945725	51.723	ng	100
91) Dibenzo(a,h)anthracene	17.027	278	778712	42.791	ng	98
92) Benzo(g,h,i)perylene	17.456	276	740111	41.156	ng	98

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

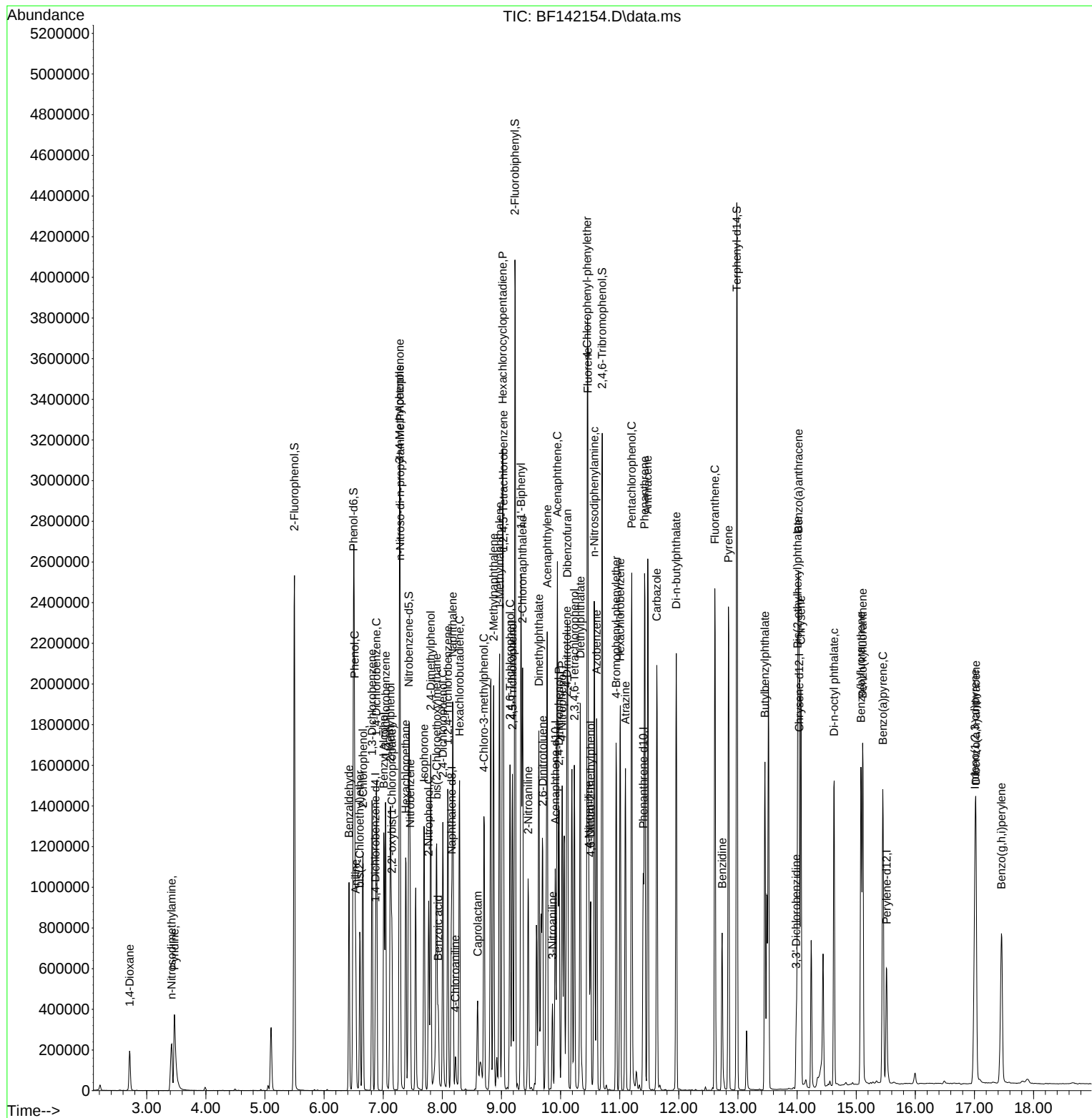
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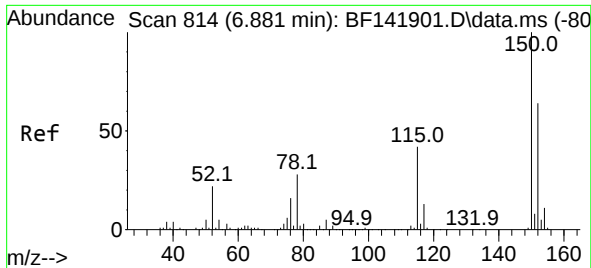
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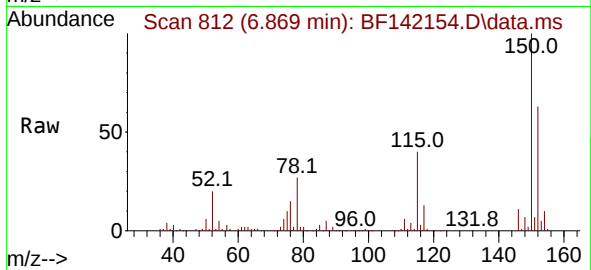
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 814
Delta R.T. -0.012 min
Lab File: BF142154.D
Acq: 28 Mar 2025 12:02

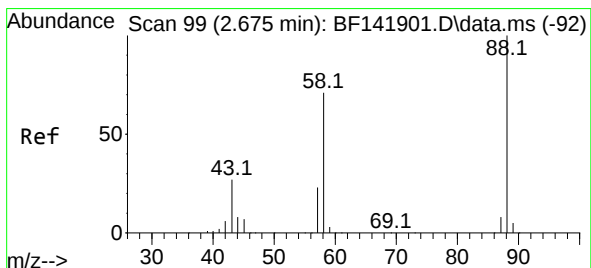
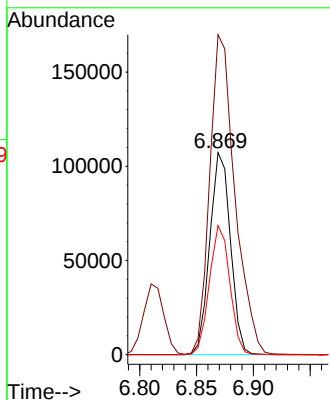
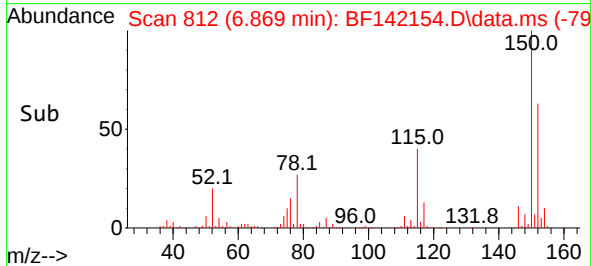
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ClientSampleId :
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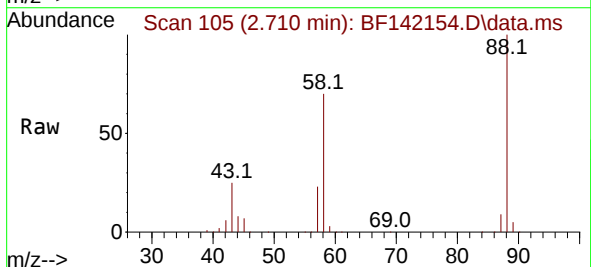
Tgt Ion:152 Resp: 135917
Ion Ratio Lower Upper
152 100
150 158.3 127.4 191.2
115 63.9 51.9 77.9

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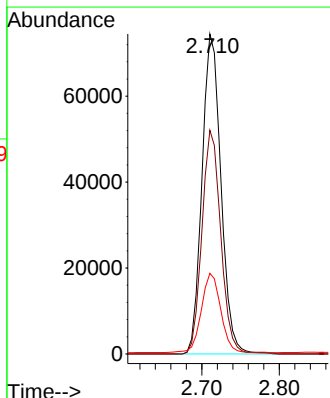
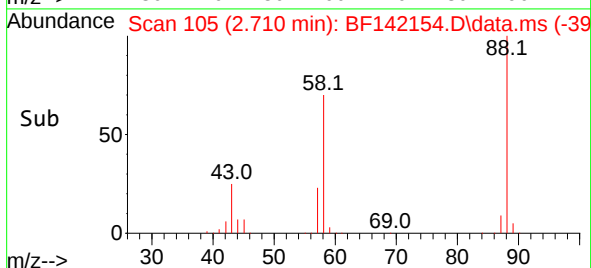
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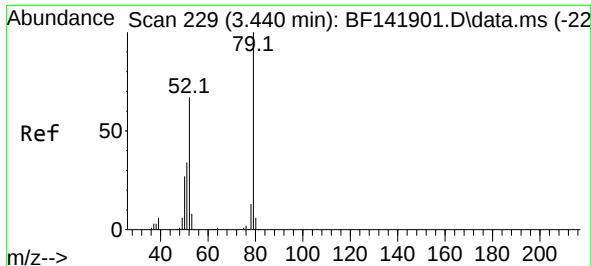


#2
1,4-Dioxane
Concen: 37.040 ng
RT: 2.710 min Scan# 105
Delta R.T. 0.035 min
Lab File: BF142154.D
Acq: 28 Mar 2025 12:02



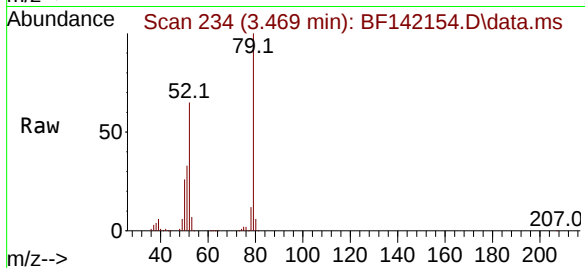
Tgt Ion: 88 Resp: 126392
Ion Ratio Lower Upper
88 100
58 69.5 57.4 86.2
43 25.1 21.5 32.3





#3
Pyridine
Concen: 41.189 ng
RT: 3.469 min Scan# 21
Delta R.T. 0.029 min
Lab File: BF142154.D
Acq: 28 Mar 2025 12:02

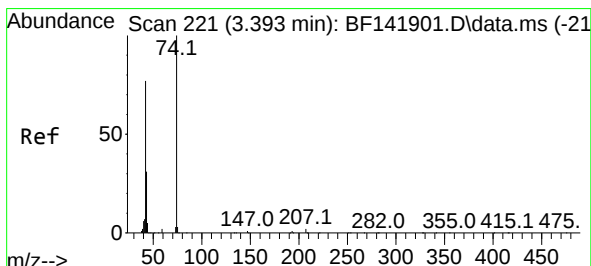
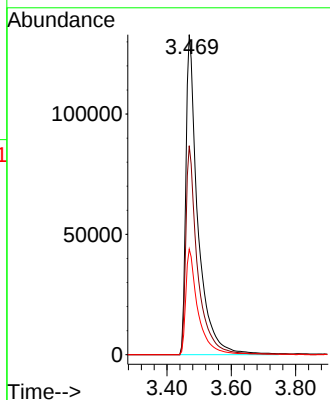
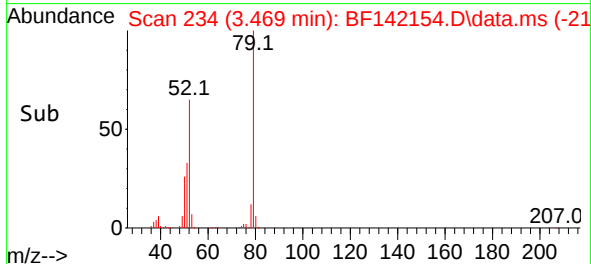
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ClientSampleId :
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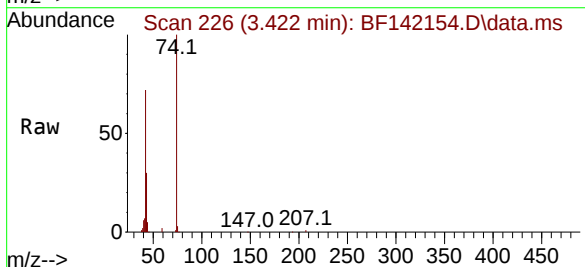
Tgt Ion: 79 Resp: 34475
Ion Ratio Lower Upper
79 100
52 65.3 53.3 79.9
51 33.0 27.6 41.4

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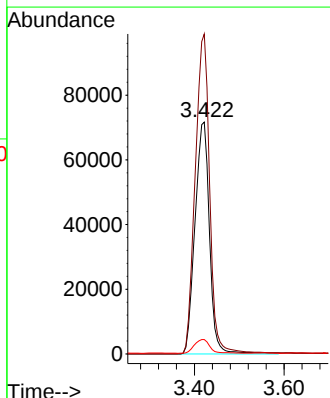
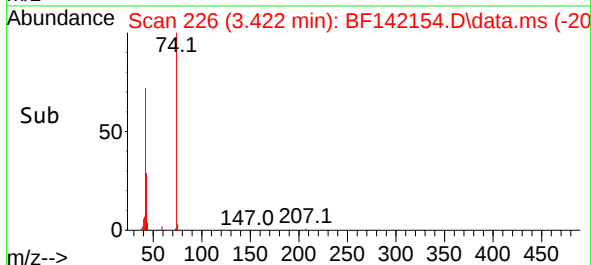
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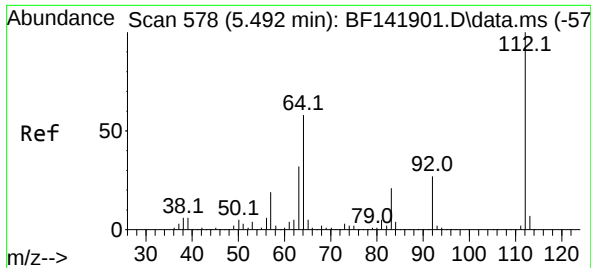


#4
n-Nitrosodimethylamine
Concen: 40.328 ng
RT: 3.422 min Scan# 226
Delta R.T. 0.029 min
Lab File: BF142154.D
Acq: 28 Mar 2025 12:02



Tgt Ion: 42 Resp: 160906
Ion Ratio Lower Upper
42 100
74 138.0 103.4 155.0
44 6.2 5.0 7.4





#5
2-Fluorophenol
Concen: 128.486 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF142154.D
Acq: 28 Mar 2025 12:02

Instrument :

BNA_F

ClientSampleId :

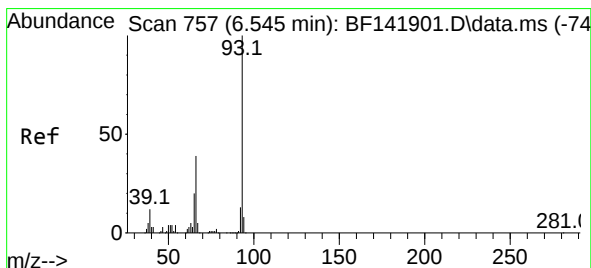
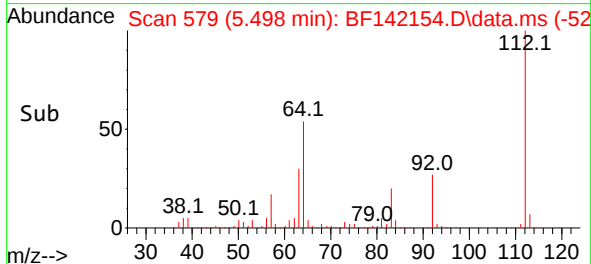
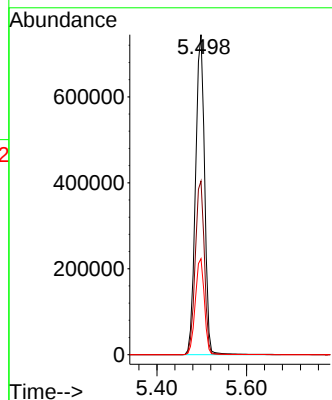
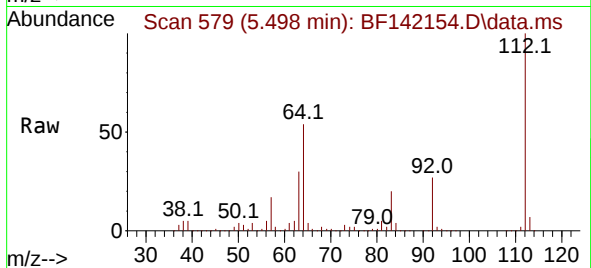
PB167349BS

Tgt Ion:112 Resp: 104636
Ion Ratio Lower Upper
112 100
64 54.3 46.5 69.7
63 30.0 25.4 38.2

Manual Integrations

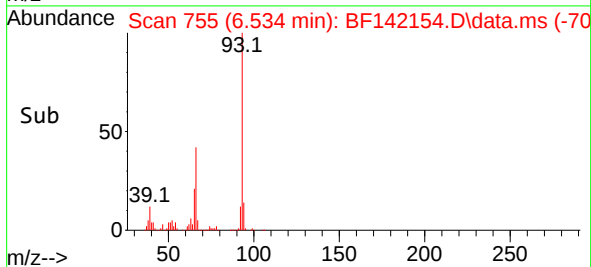
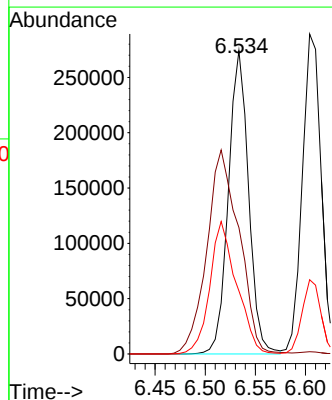
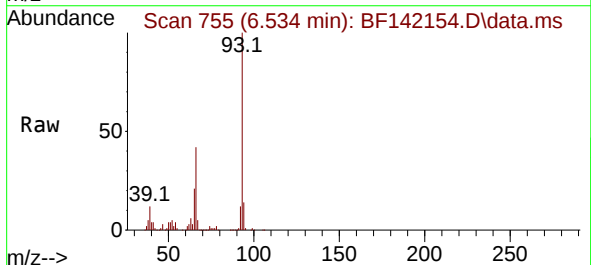
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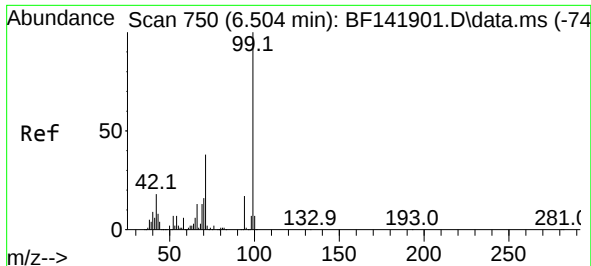
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#6
Aniline
Concen: 37.599 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF142154.D
Acq: 28 Mar 2025 12:02

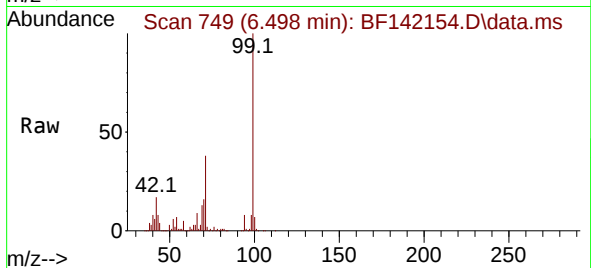
Tgt Ion: 93 Resp: 384589
Ion Ratio Lower Upper
93 100
66 41.7 31.9 47.9
65 20.8 15.8 23.6





#7
Phenol-d6
Concen: 126.045 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF142154.D
Acq: 28 Mar 2025 12:02

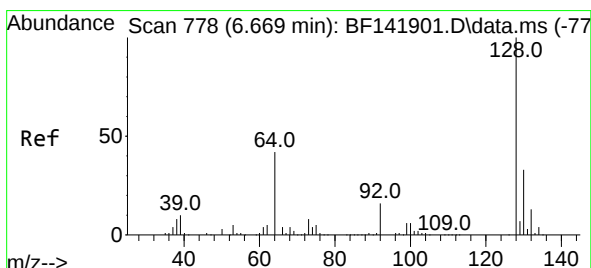
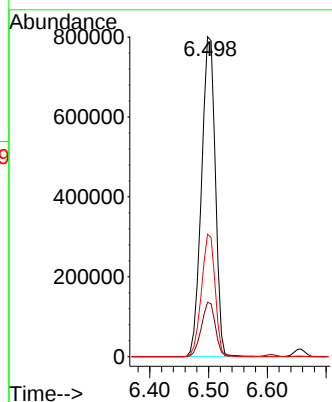
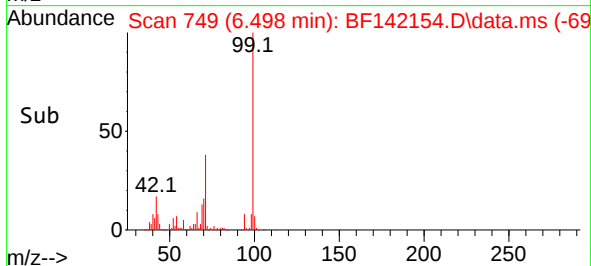
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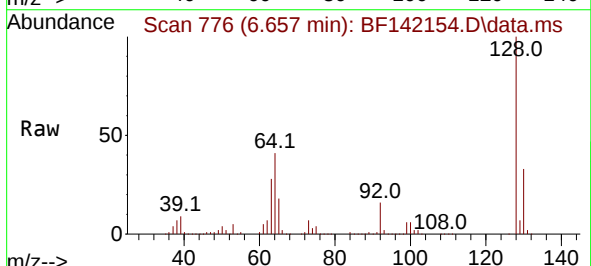
Tgt Ion: 99 Resp: 130694
Ion Ratio Lower Upper
99 100
42 17.0 14.6 21.8
71 38.3 30.8 46.2

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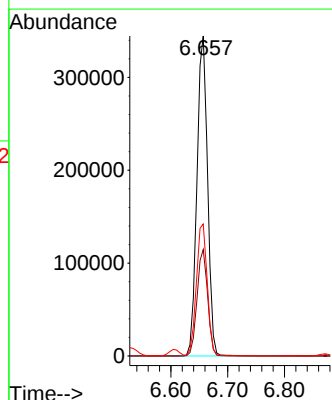
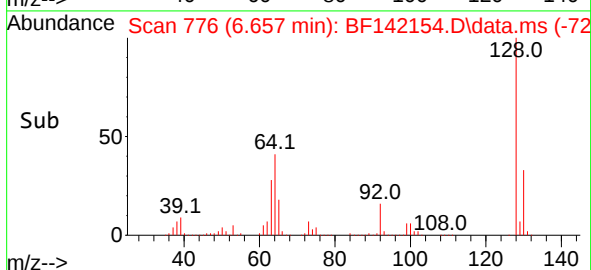
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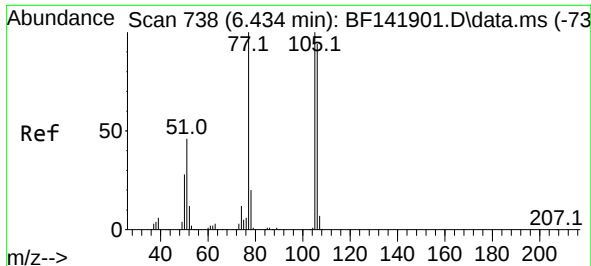


#8
2-Chlorophenol
Concen: 49.841 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.012 min
Lab File: BF142154.D
Acq: 28 Mar 2025 12:02



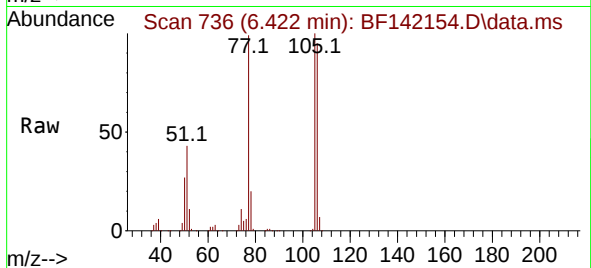
Tgt Ion:128 Resp: 450168
Ion Ratio Lower Upper
128 100
130 33.3 12.8 52.8
64 41.2 24.4 64.4





#9
Benzaldehyde
Concen: 47.957 ng
RT: 6.422 min Scan# 710
Delta R.T. -0.012 min
Lab File: BF142154.D
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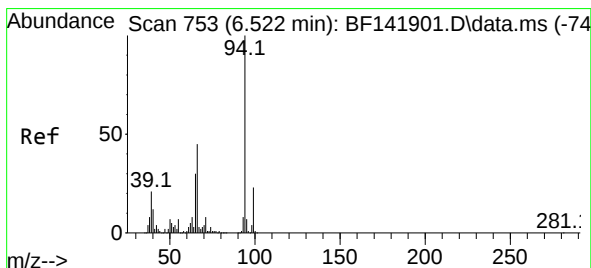
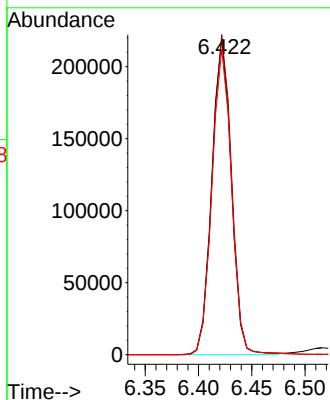
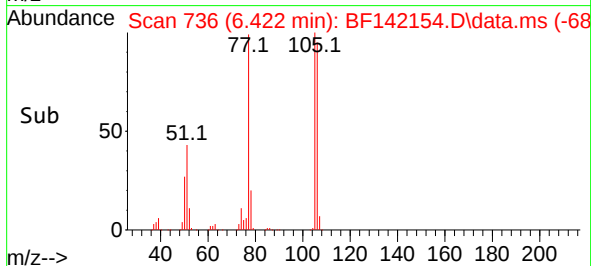
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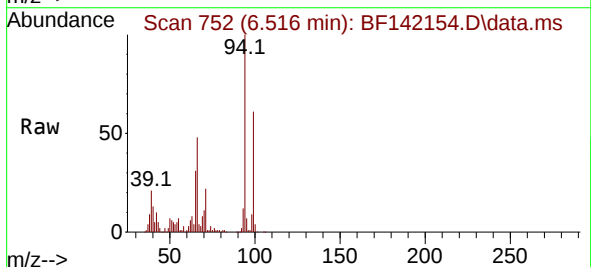
Tgt Ion: 77 Resp: 278104
Ion Ratio Lower Upper
77 100
105 101.1 80.0 120.0
106 96.5 74.5 114.5

Manual Integrations
APPROVED

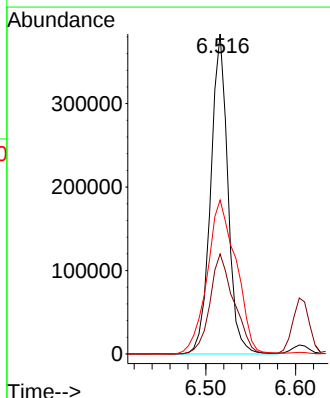
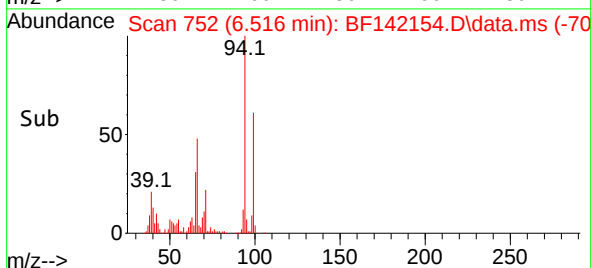
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025

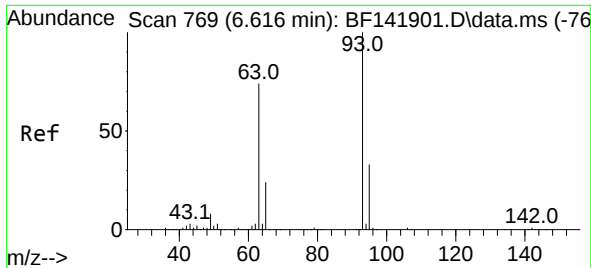


#10
Phenol
Concen: 46.779 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF142154.D
Acq: 28 Mar 2025 12:02



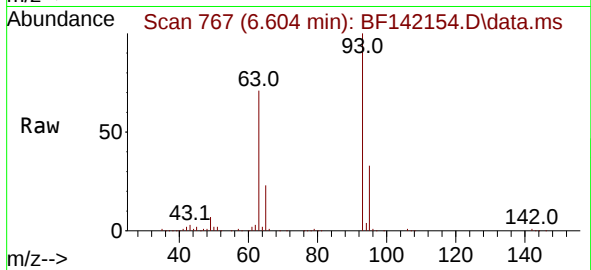
Tgt Ion: 94 Resp: 510283
Ion Ratio Lower Upper
94 100
65 31.3 10.5 50.5
66 48.1 25.8 65.8





#11
bis(2-Chloroethyl)ether
Concen: 45.775 ng
RT: 6.604 min Scan# 70
Delta R.T. -0.012 min
Lab File: BF142154.D
Acq: 28 Mar 2025 12:02

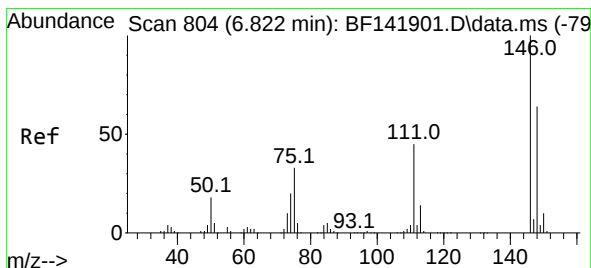
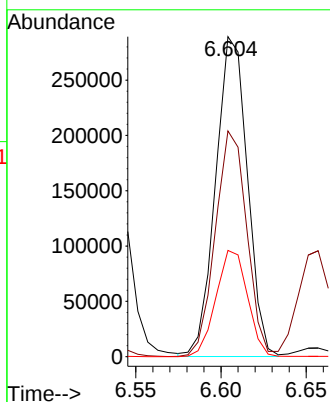
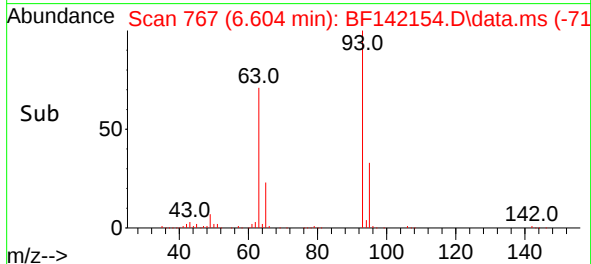
Instrument :
BNA_F
ClientSampleId :
PB167349BS



Tgt Ion: 93 Resp: 374930
Ion Ratio Lower Upper
93 100
63 70.5 53.0 93.0
95 33.2 12.9 52.9

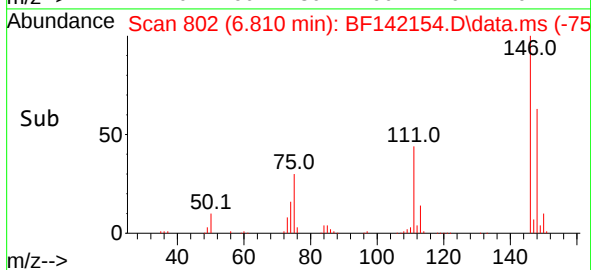
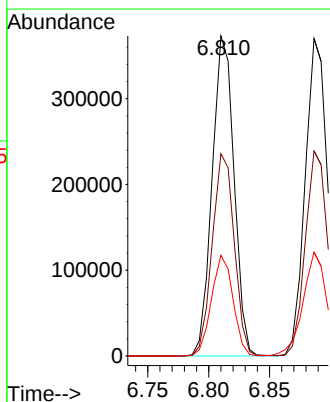
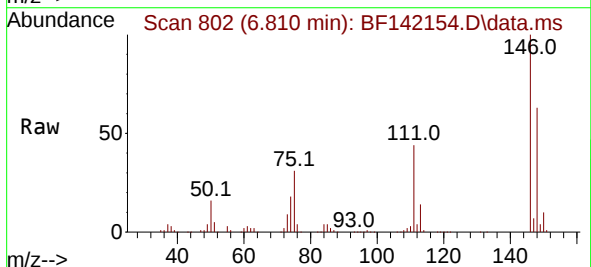
Manual Integrations
APPROVED

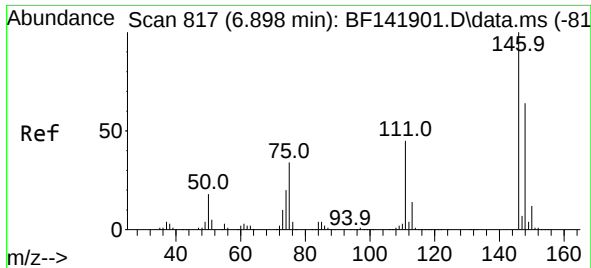
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025



#12
1,3-Dichlorobenzene
Concen: 47.869 ng
RT: 6.810 min Scan# 802
Delta R.T. -0.012 min
Lab File: BF142154.D
Acq: 28 Mar 2025 12:02

Tgt Ion:146 Resp: 466779
Ion Ratio Lower Upper
146 100
148 63.2 51.3 76.9
75 31.4 26.6 40.0





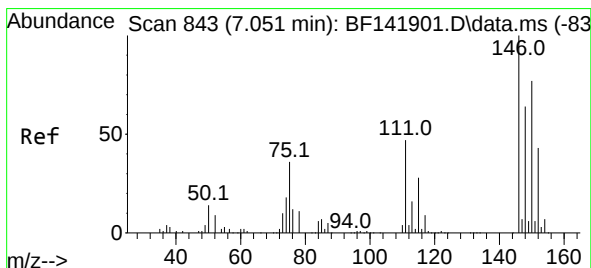
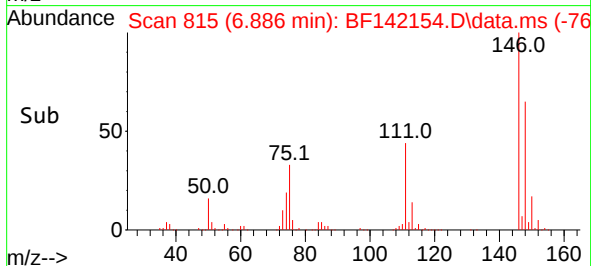
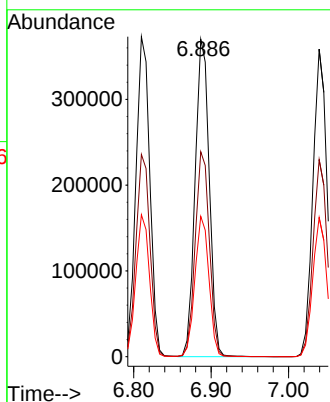
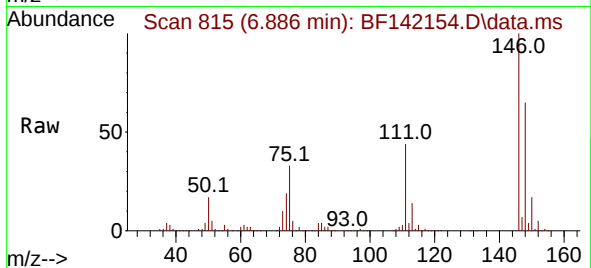
#13
1,4-Dichlorobenzene
Concen: 47.630 ng
RT: 6.886 min Scan# 817
Delta R.T. -0.012 min
Lab File: BF142154.D
Acq: 28 Mar 2025 12:02

Instrument :
BNA_F
ClientSampleId :
PB167349BS

Tgt Ion:146 Resp: 469920
Ion Ratio Lower Upper
146 100
148 64.5 51.0 76.6
111 44.2 35.7 53.5

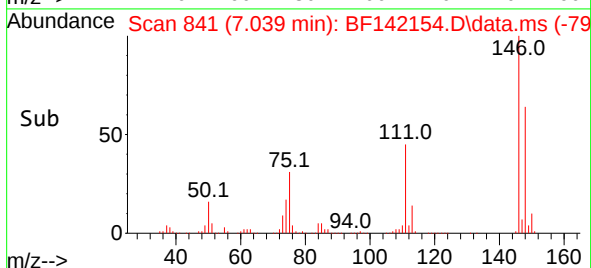
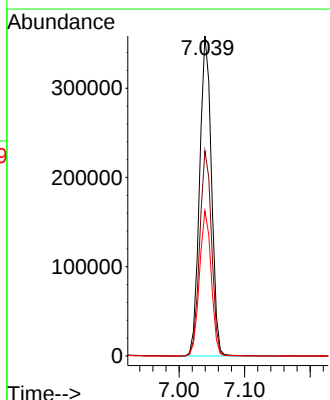
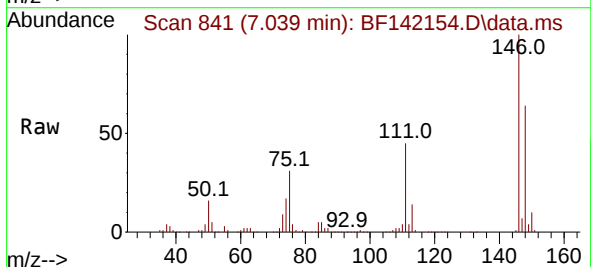
Manual Integrations
APPROVED

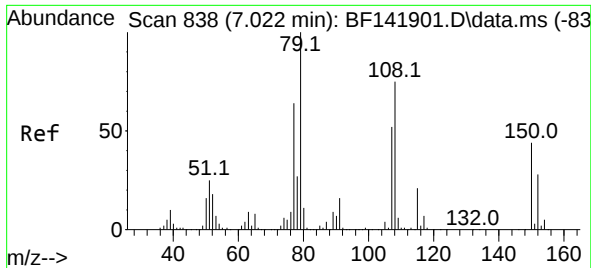
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025



#14
1,2-Dichlorobenzene
Concen: 48.629 ng
RT: 7.039 min Scan# 841
Delta R.T. -0.012 min
Lab File: BF142154.D
Acq: 28 Mar 2025 12:02

Tgt Ion:146 Resp: 451904
Ion Ratio Lower Upper
146 100
148 64.1 50.8 76.2
111 45.3 38.0 57.0





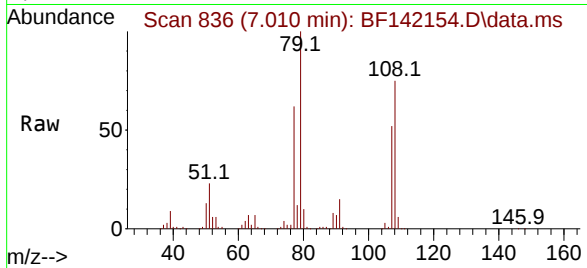
#15
Benzyl Alcohol
Concen: 46.552 ng
RT: 7.010 min Scan# 810
Delta R.T. -0.012 min
Lab File: BF142154.D
Acq: 28 Mar 2025 12:02

Instrument :

BNA_F

ClientSampleId :

PB167349BS

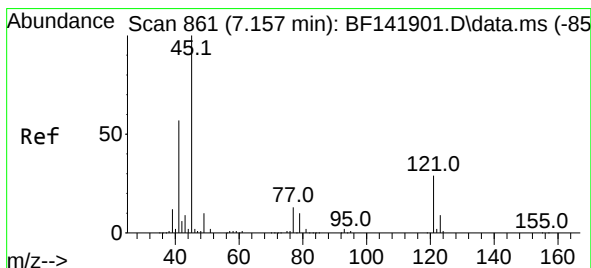
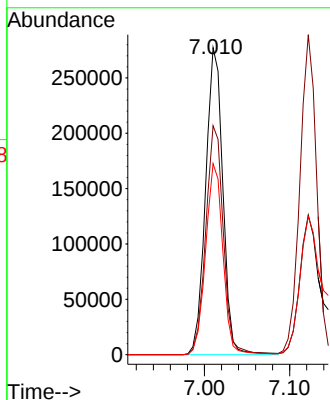
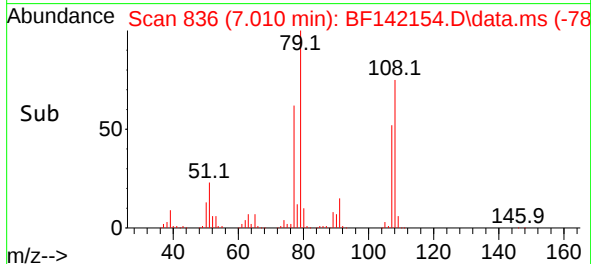


Tgt Ion: 79 Resp: 390220
Ion Ratio Lower Upper
79 100
108 74.5 59.7 89.5
77 62.2 51.0 76.6

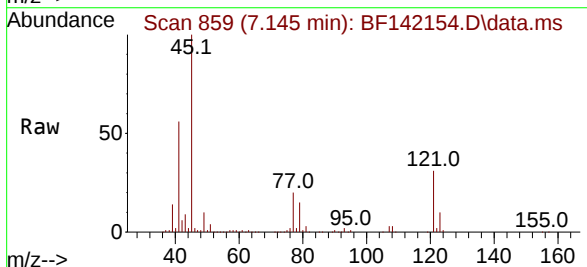
Manual Integrations

APPROVED

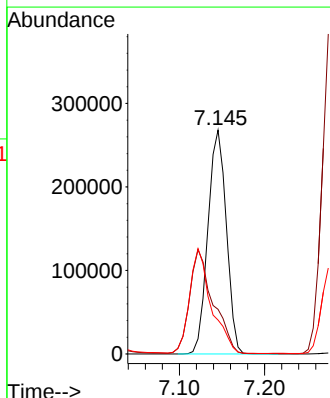
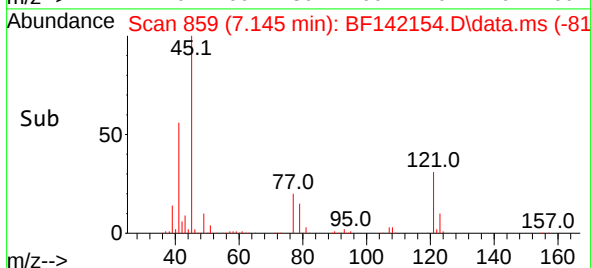
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025

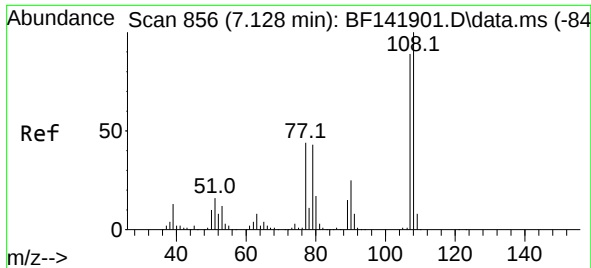


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.675 ng
RT: 7.145 min Scan# 859
Delta R.T. -0.012 min
Lab File: BF142154.D
Acq: 28 Mar 2025 12:02



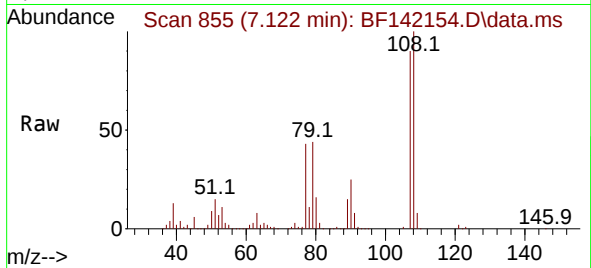
Tgt Ion: 45 Resp: 402222
Ion Ratio Lower Upper
45 100
77 19.9 0.0 37.8
79 15.2 0.0 34.2





#17
2-Methylphenol
Concen: 49.390 ng
RT: 7.122 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF142154.D
Acq: 28 Mar 2025 12:02

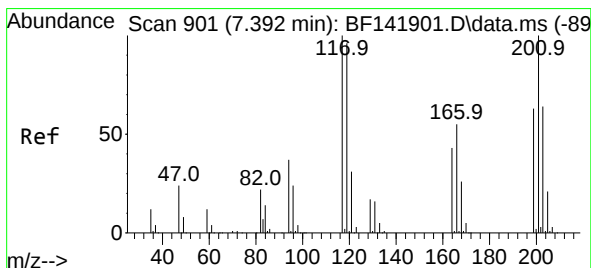
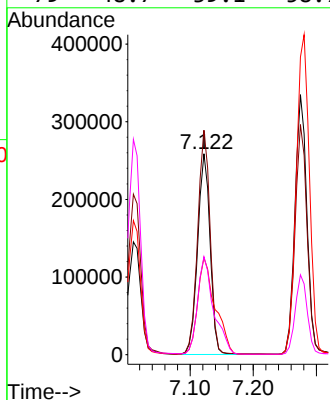
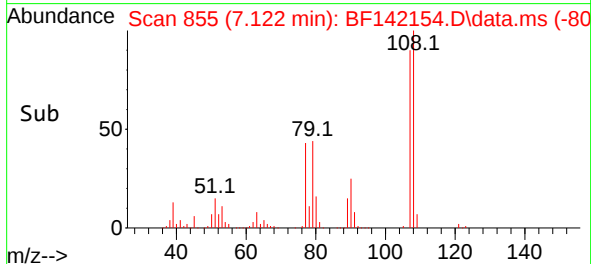
Instrument :
BNA_F
ClientSampleId :
PB167349BS



Tgt Ion:107 Resp: 35469
Ion Ratio Lower Upper
107 100
108 111.7 90.2 135.2
77 48.3 39.6 59.4
79 48.7 39.1 58.7

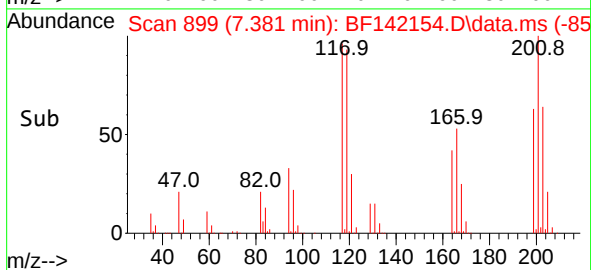
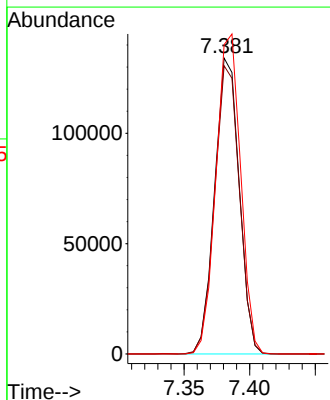
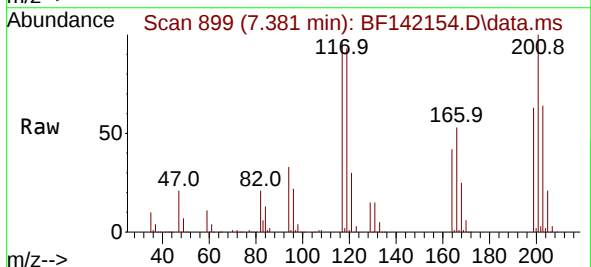
Manual Integrations
APPROVED

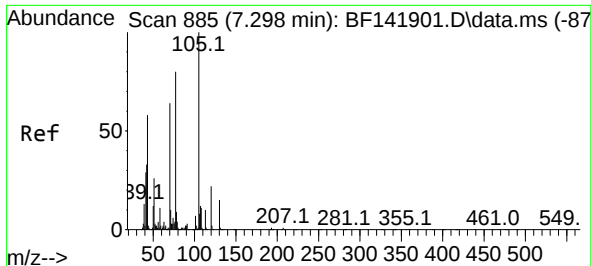
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025



#18
Hexachloroethane
Concen: 47.196 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF142154.D
Acq: 28 Mar 2025 12:02

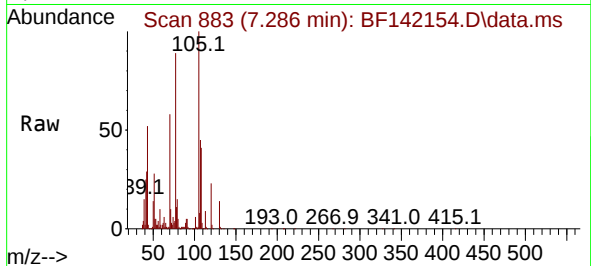
Tgt Ion:117 Resp: 174610
Ion Ratio Lower Upper
117 100
119 97.4 76.9 115.3
201 104.5 79.9 119.9





#19
n-Nitroso-di-n-propylamine
Concen: 43.539 ng
RT: 7.286 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF142154.D
Acq: 28 Mar 2025 12:02

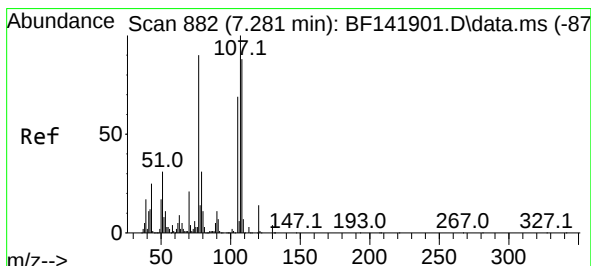
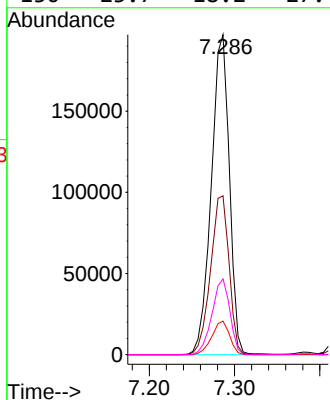
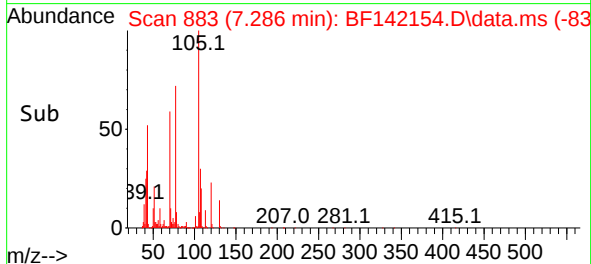
Instrument :
BNA_F
ClientSampleId :
PB167349BS



Tgt Ion: 70 Resp: 29008
Ion Ratio Lower Upper
70 100
42 49.7 41.4 62.0
101 10.5 8.2 12.2
130 23.7 18.2 27.4

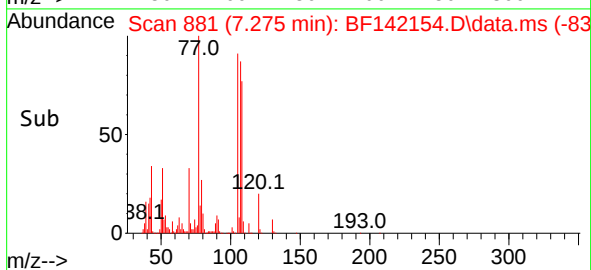
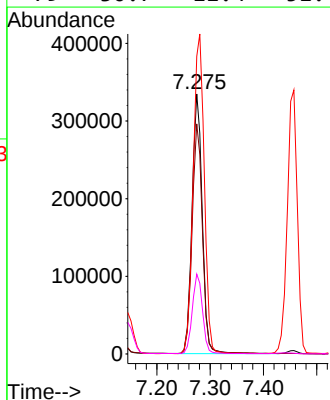
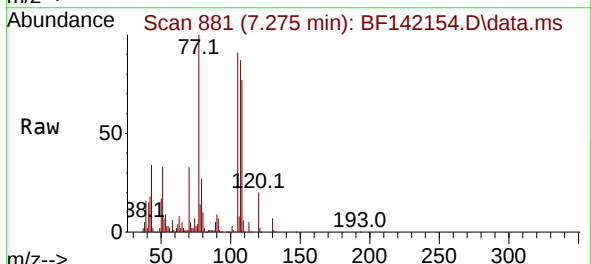
Manual Integrations
APPROVED

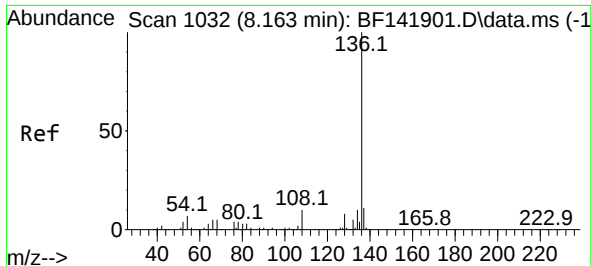
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025



#20
3+4-Methylphenols
Concen: 48.666 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF142154.D
Acq: 28 Mar 2025 12:02

Tgt Ion:107 Resp: 447654
Ion Ratio Lower Upper
107 100
108 88.5 68.4 108.4
77 114.4 69.7 109.7#
79 30.7 11.4 51.4





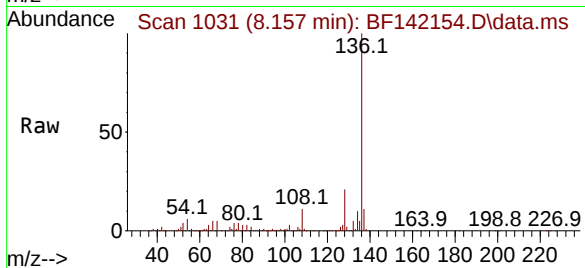
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF142154.D
Acq: 28 Mar 2025 12:02

Instrument :

BNA_F

ClientSampleId :

PB167349BS

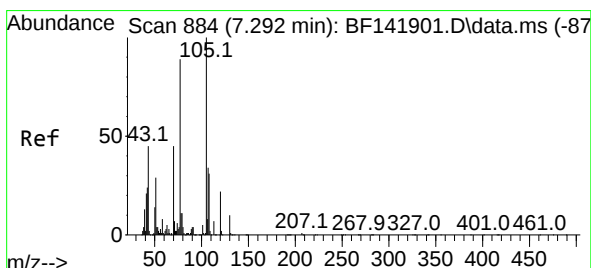
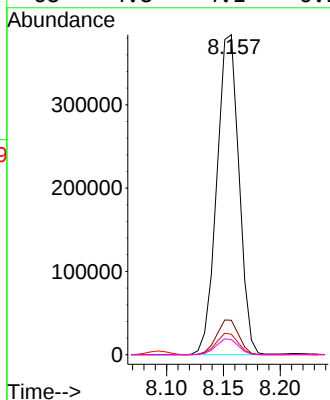
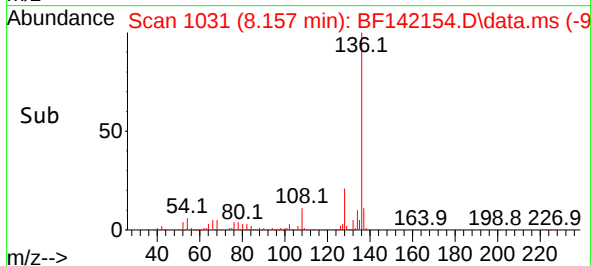


Tgt Ion:136 Resp: 522249
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.4 5.8 8.8
68 4.8 4.1 6.1

Manual Integrations

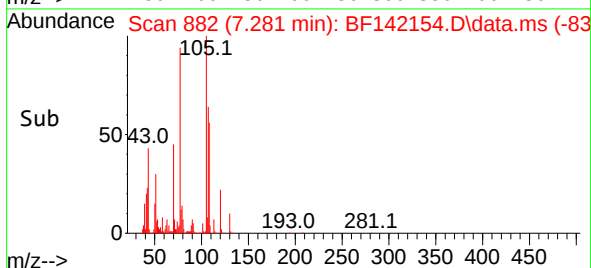
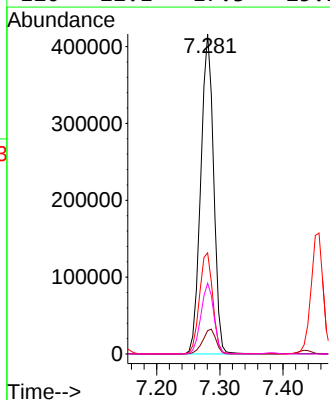
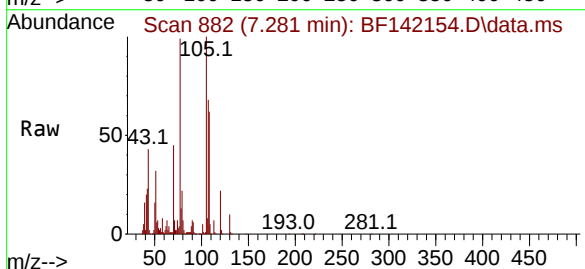
APPROVED

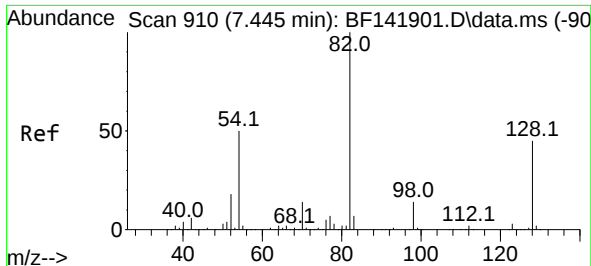
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025



#22
Acetophenone
Concen: 47.176 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.012 min
Lab File: BF142154.D
Acq: 28 Mar 2025 12:02

Tgt Ion:105 Resp: 590005
Ion Ratio Lower Upper
105 100
71 7.3 5.8 8.8
51 31.6 23.4 35.0
120 22.1 17.3 25.9





#23

Nitrobenzene-d5

Concen: 92.238 ng

RT: 7.433 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF142154.D

Acq: 28 Mar 2025 12:02

Instrument :

BNA_F

ClientSampleId :

PB167349BS

Tgt Ion: 82 Resp: 855970

Ion Ratio Lower Upper

82 100

128 46.2 36.0 54.0

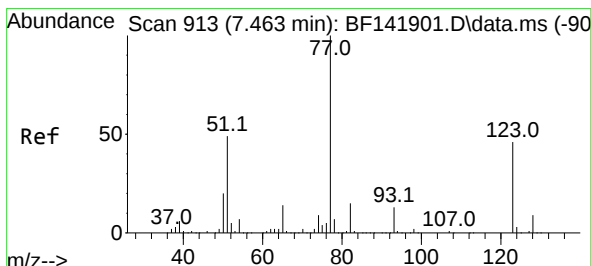
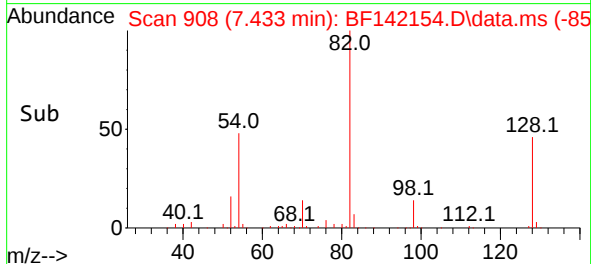
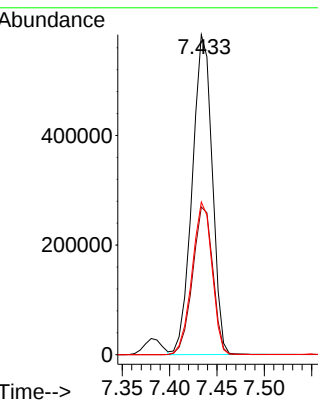
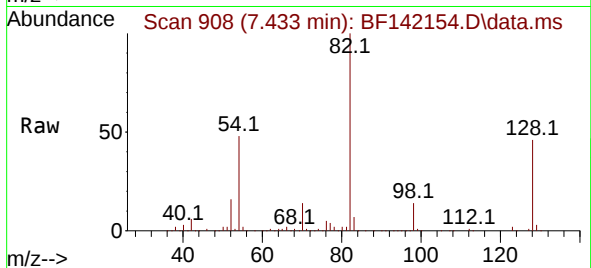
54 47.7 39.6 59.4

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/31/2025

Supervised By :Jagrut Upadhyay 03/31/2025



#24

Nitrobenzene

Concen: 48.268 ng

RT: 7.457 min Scan# 912

Delta R.T. -0.006 min

Lab File: BF142154.D

Acq: 28 Mar 2025 12:02

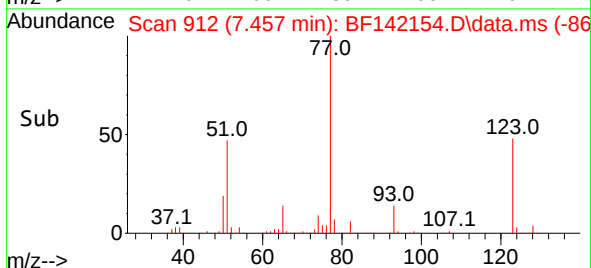
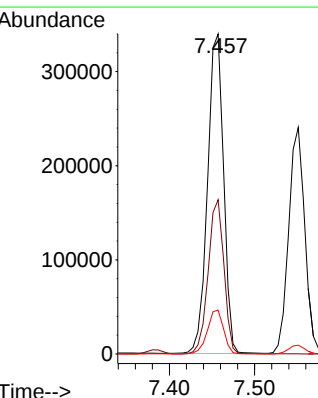
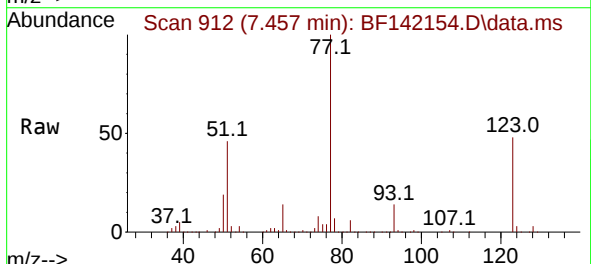
Tgt Ion: 77 Resp: 445293

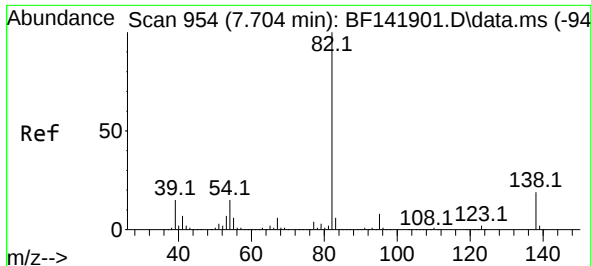
Ion Ratio Lower Upper

77 100

123 48.2 37.0 55.4

65 13.7 11.3 16.9





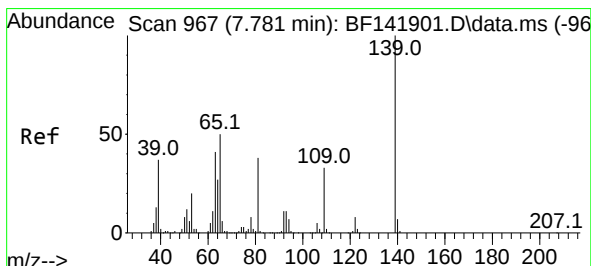
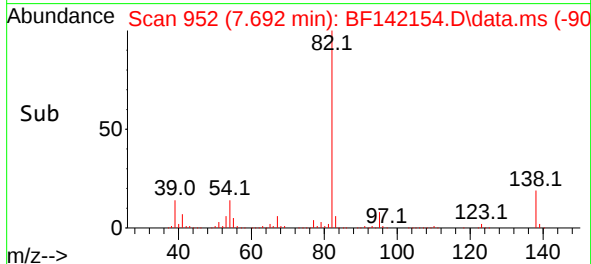
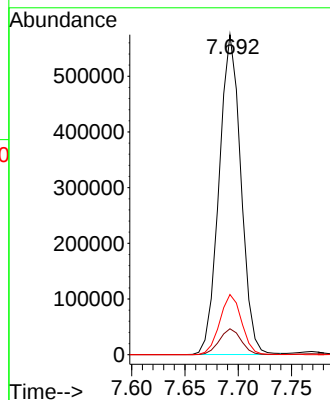
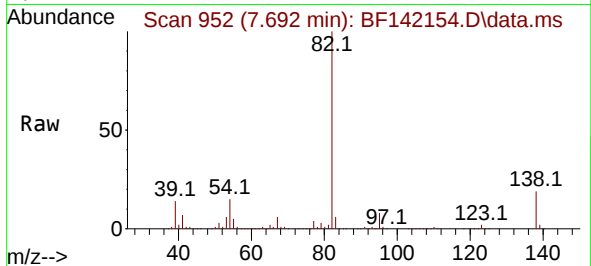
#25
Isophorone
Concen: 49.865 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF142154.D
Acq: 28 Mar 2025 12:02

Instrument :
BNA_F
ClientSampleId :
PB167349BS

Tgt Ion: 82 Resp: 81798
Ion Ratio Lower Upper
82 100
95 8.1 6.4 9.6
138 18.8 14.9 22.3

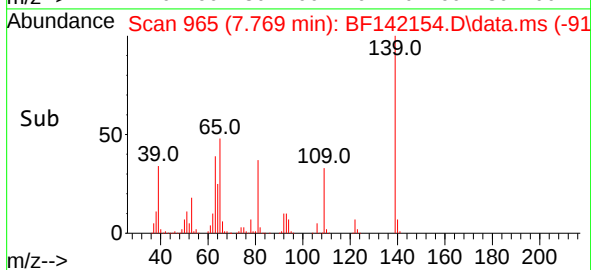
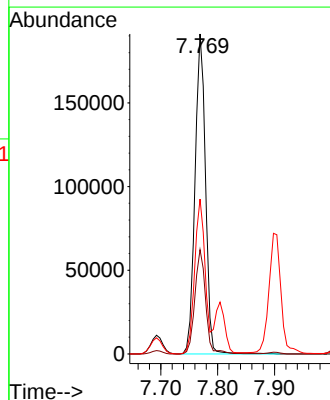
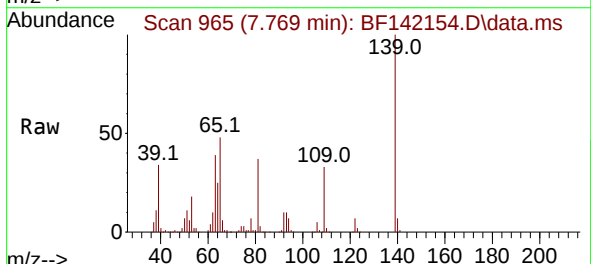
Manual Integrations
APPROVED

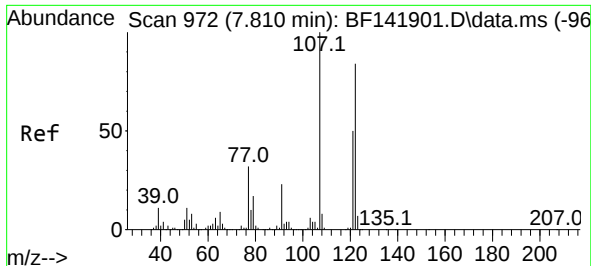
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025



#26
2-Nitrophenol
Concen: 54.449 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.012 min
Lab File: BF142154.D
Acq: 28 Mar 2025 12:02

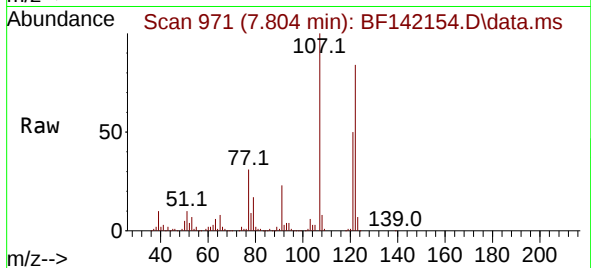
Tgt Ion:139 Resp: 246539
Ion Ratio Lower Upper
139 100
109 32.6 26.5 39.7
65 48.4 40.3 60.5





#27
2,4-Dimethylphenol
Concen: 66.612 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142154.D
Acq: 28 Mar 2025 12:02

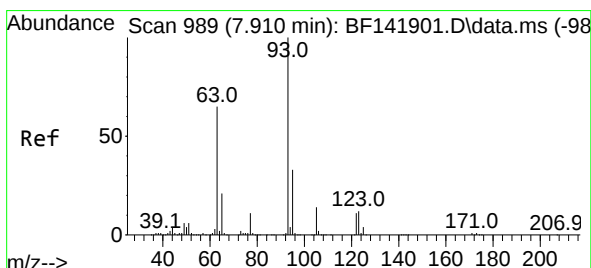
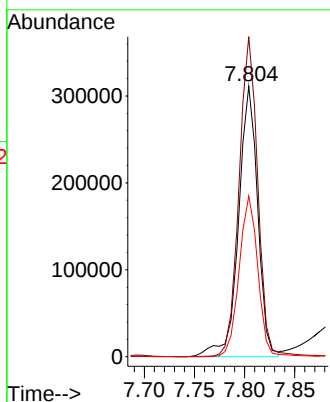
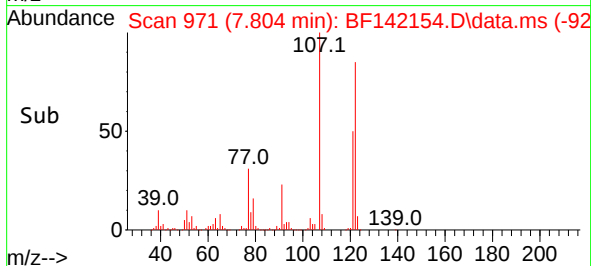
Instrument :
BNA_F
ClientSampleId :
PB167349BS



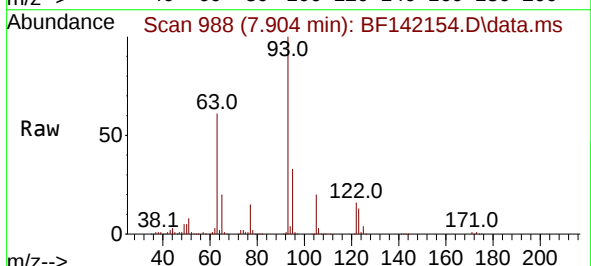
Tgt Ion:122 Resp: 41530
Ion Ratio Lower Upper
122 100
107 118.4 94.8 142.2
121 59.4 47.8 71.6

Manual Integrations
APPROVED

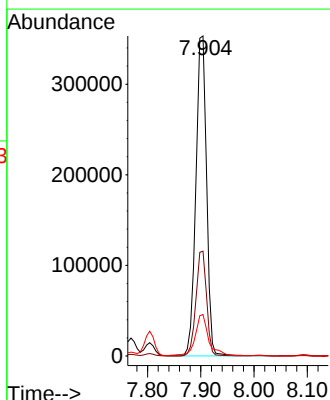
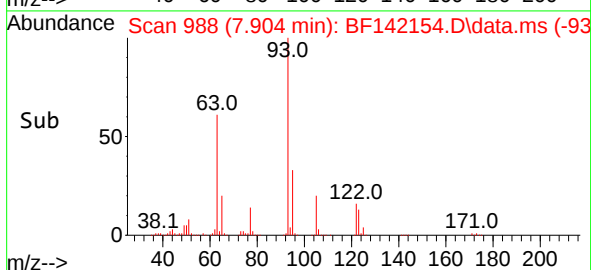
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025

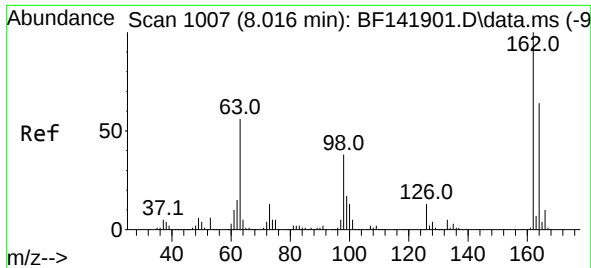


#28
bis(2-Chloroethoxy)methane
Concen: 47.790 ng
RT: 7.904 min Scan# 988
Delta R.T. -0.006 min
Lab File: BF142154.D
Acq: 28 Mar 2025 12:02



Tgt Ion: 93 Resp: 491701
Ion Ratio Lower Upper
93 100
95 32.7 26.6 40.0
123 13.0 10.2 15.4





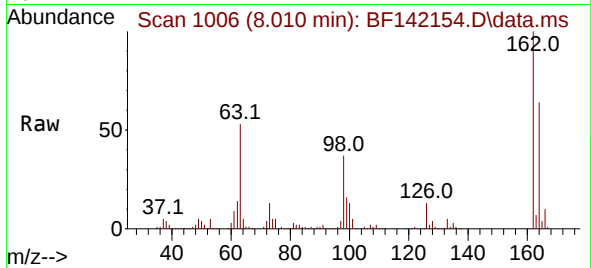
#29
2,4-Dichlorophenol
Concen: 48.498 ng
RT: 8.010 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF142154.D
Acq: 28 Mar 2025 12:02

Instrument :

BNA_F

ClientSampleId :

PB167349BS

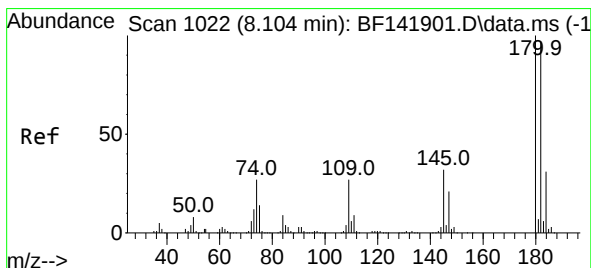
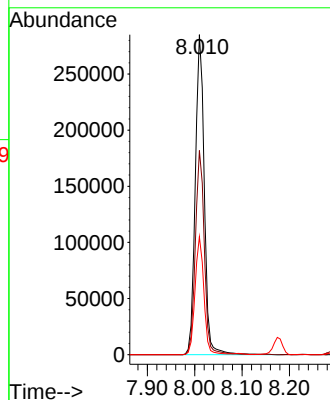
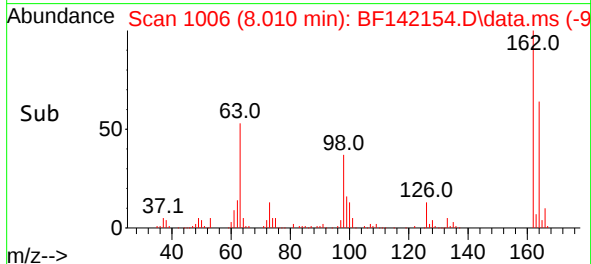


Tgt Ion:162 Resp: 375312
Ion Ratio Lower Upper
162 100
164 63.8 43.8 83.8
98 36.9 18.1 58.1

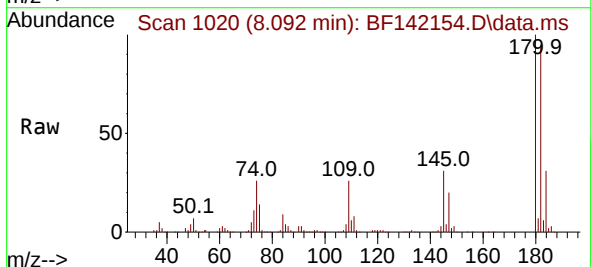
Manual Integrations

APPROVED

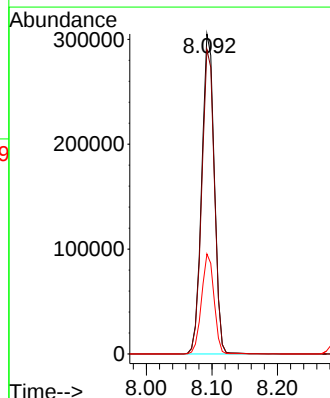
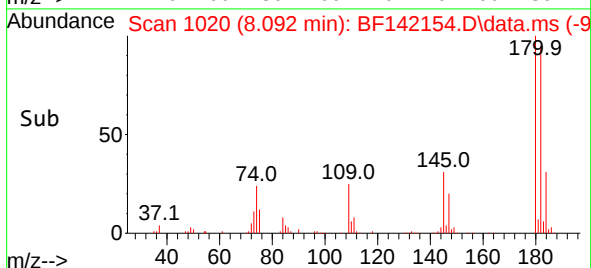
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025

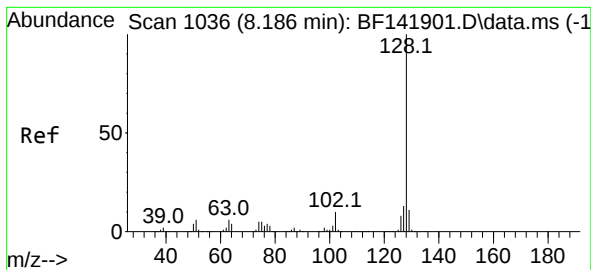


#30
1,2,4-Trichlorobenzene
Concen: 47.849 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.012 min
Lab File: BF142154.D
Acq: 28 Mar 2025 12:02



Tgt Ion:180 Resp: 408068
Ion Ratio Lower Upper
180 100
182 95.2 77.5 116.3
145 31.3 25.8 38.6





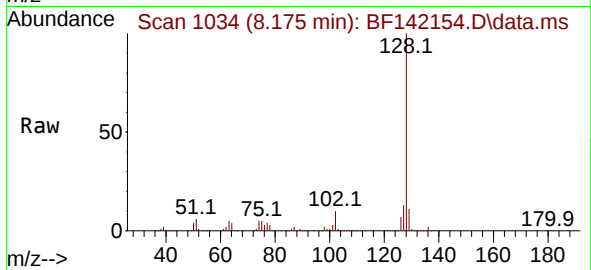
#31
Naphthalene
Concen: 45.797 ng
RT: 8.175 min Scan# 1036
Delta R.T. -0.012 min
Lab File: BF142154.D
Acq: 28 Mar 2025 12:02

Instrument :

BNA_F

ClientSampleId :

PB167349BS

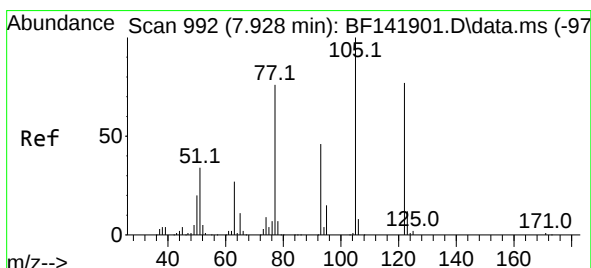
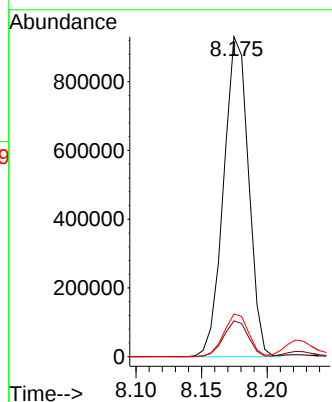
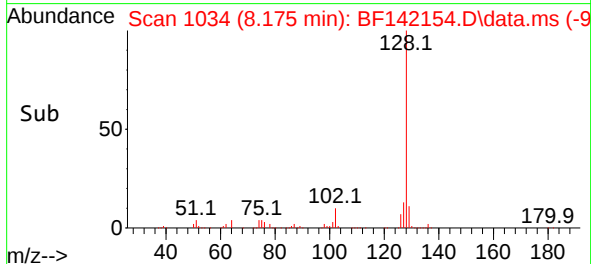


Tgt Ion:128 Resp: 122858
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.4 10.8 16.2

Manual Integrations

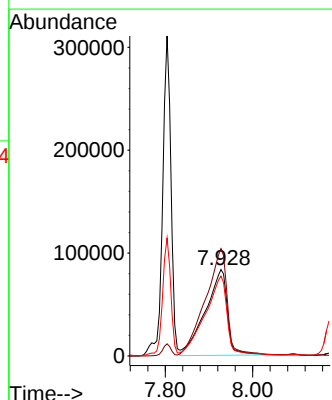
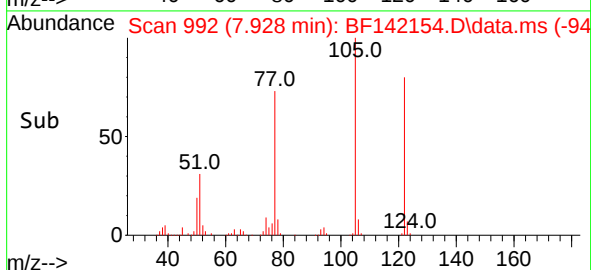
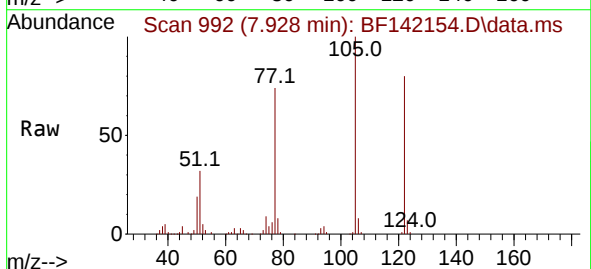
APPROVED

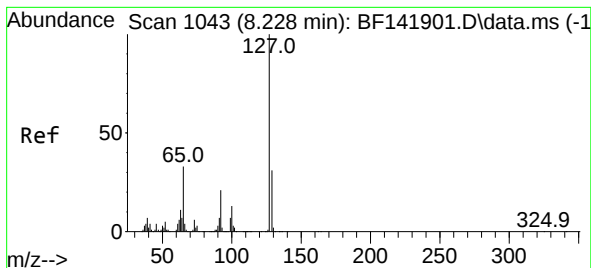
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025



#32
Benzoic acid
Concen: 53.577 ng
RT: 7.928 min Scan# 992
Delta R.T. -0.000 min
Lab File: BF142154.D
Acq: 28 Mar 2025 12:02

Tgt Ion:122 Resp: 293628
Ion Ratio Lower Upper
122 100
105 124.3 107.9 147.9
77 92.5 79.0 119.0





#33
4-Chloroaniline
Concen: 9.640 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142154.D
Acq: 28 Mar 2025 12:02

Instrument :

BNA_F

ClientSampleId :

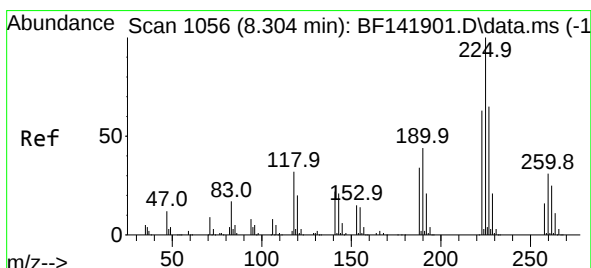
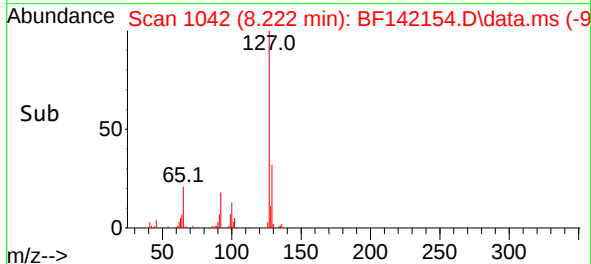
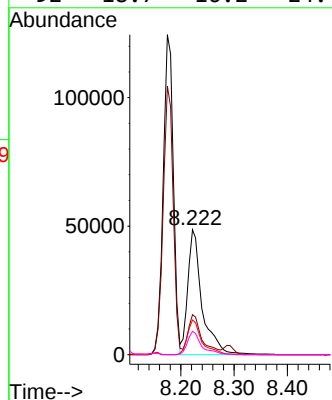
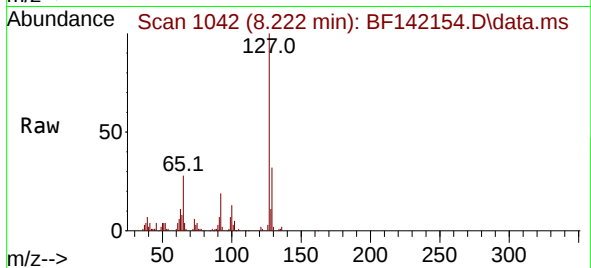
PB167349BS

Tgt Ion:127 Resp: 9129
Ion Ratio Lower Upper
127 100
129 32.0 26.2 39.4
65 27.7 25.4 38.2
92 18.7 16.2 24.4

Manual Integrations

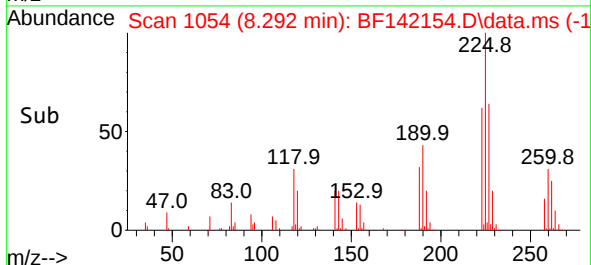
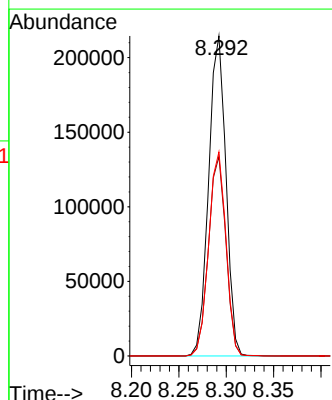
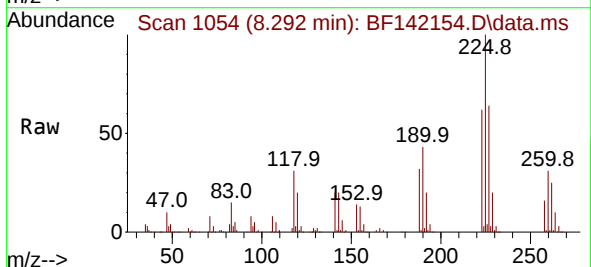
APPROVED

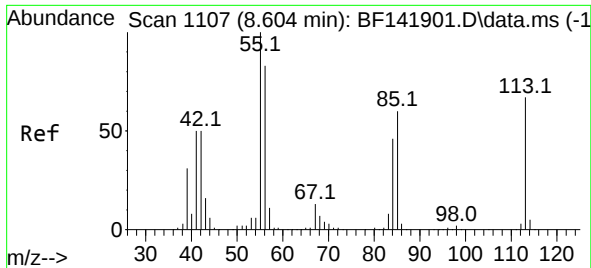
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025



#34
Hexachlorobutadiene
Concen: 48.878 ng
RT: 8.292 min Scan# 1054
Delta R.T. -0.012 min
Lab File: BF142154.D
Acq: 28 Mar 2025 12:02

Tgt Ion:225 Resp: 271849
Ion Ratio Lower Upper
225 100
223 62.3 50.6 75.8
227 63.8 52.2 78.2





#35
 Caprolactam
 Concen: 54.219 ng m
 RT: 8.598 min Scan# 1106
 Delta R.T. -0.006 min
 Lab File: BF142154.D
 Acq: 28 Mar 2025 12:02

Instrument :

BNA_F

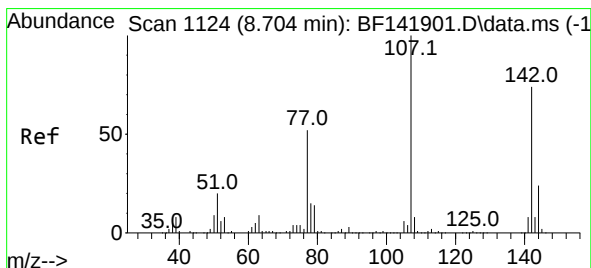
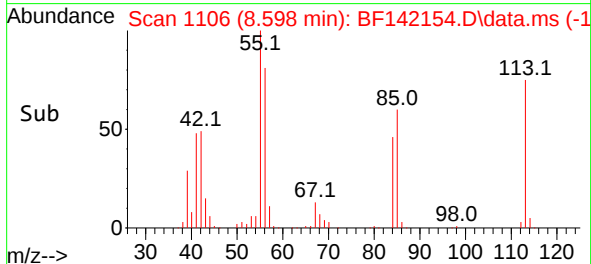
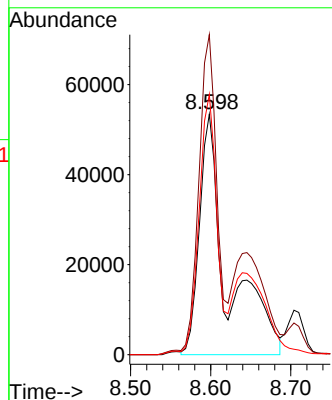
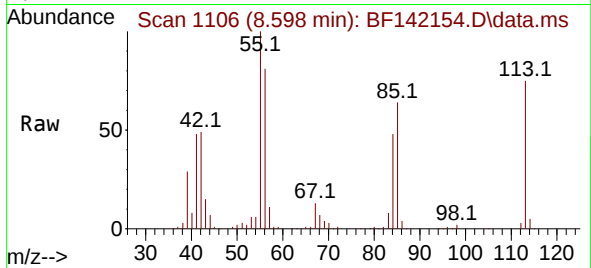
ClientSampleId :

PB167349BS

Tgt Ion:113 Resp: 12792
 Ion Ratio Lower Upper
 113 100
 55 133.1 129.6 169.6
 56 108.3 104.0 144.0

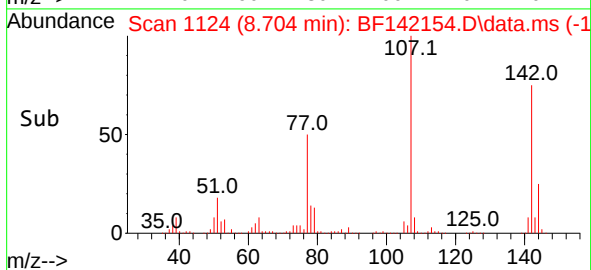
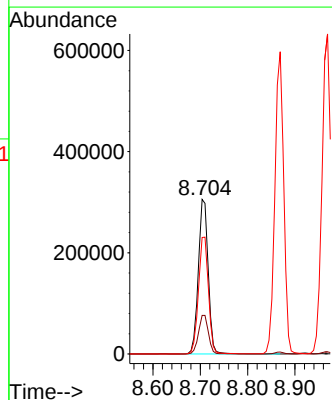
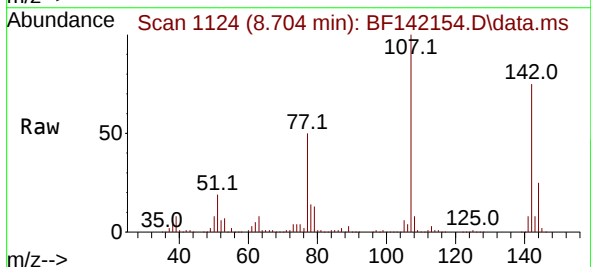
Manual Integrations
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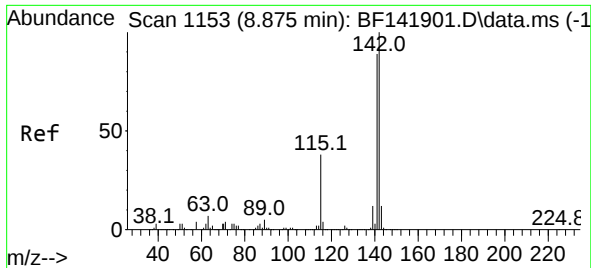
Reviewed By :Anahy Claudio 03/31/2025
 Supervised By :Jagrut Upadhyay 03/31/2025



#36
 4-Chloro-3-methylphenol
 Concen: 51.215 ng
 RT: 8.704 min Scan# 1124
 Delta R.T. -0.000 min
 Lab File: BF142154.D
 Acq: 28 Mar 2025 12:02

Tgt Ion:107 Resp: 442122
 Ion Ratio Lower Upper
 107 100
 144 25.0 19.0 28.6
 142 75.4 59.2 88.8





#37

2-Methylnaphthalene

Concen: 43.157 ng

RT: 8.869 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF142154.D

Acq: 28 Mar 2025 12:02

Instrument :

BNA_F

ClientSampleId :

PB167349BS

Tgt Ion:142 Resp: 77386

Ion Ratio Lower Upper

142 100

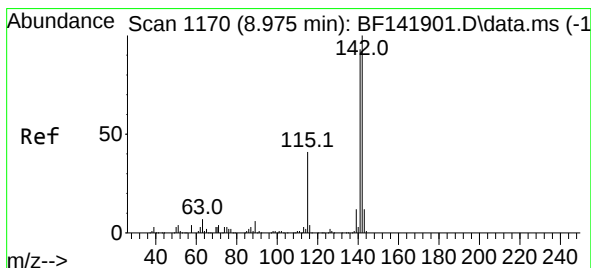
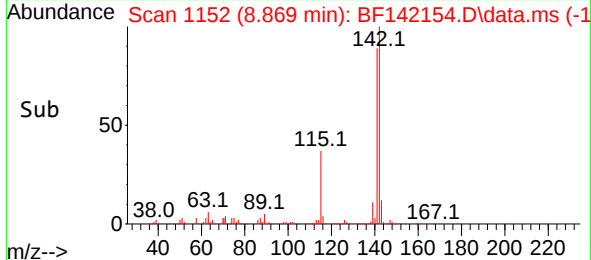
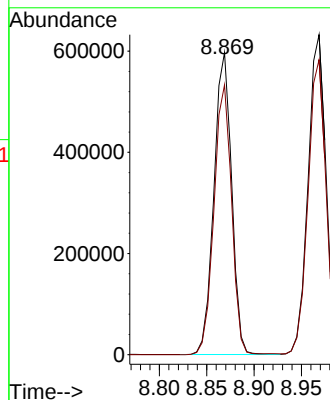
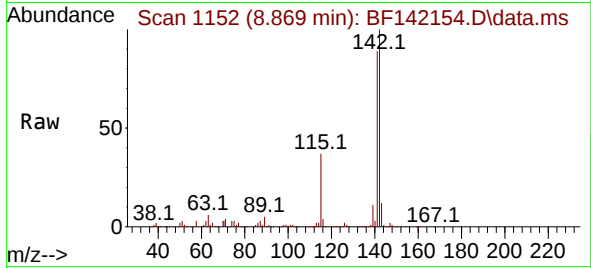
141 89.2 71.2 106.8

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/31/2025

Supervised By :Jagrut Upadhyay 03/31/2025



#38

1-Methylnaphthalene

Concen: 47.801 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF142154.D

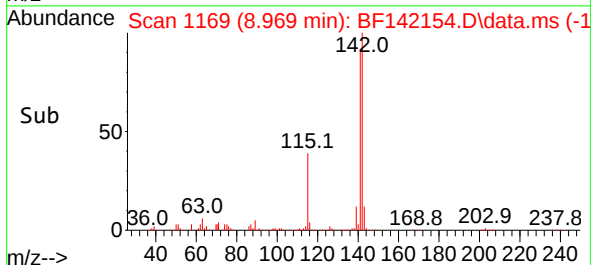
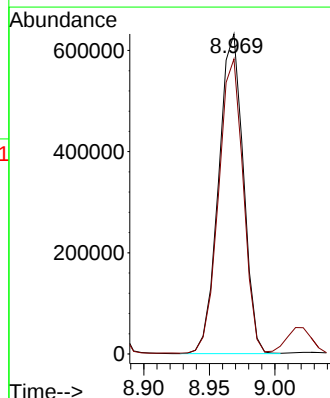
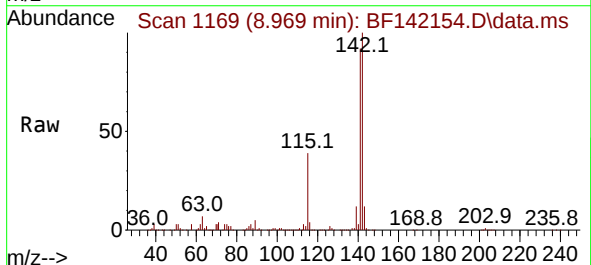
Acq: 28 Mar 2025 12:02

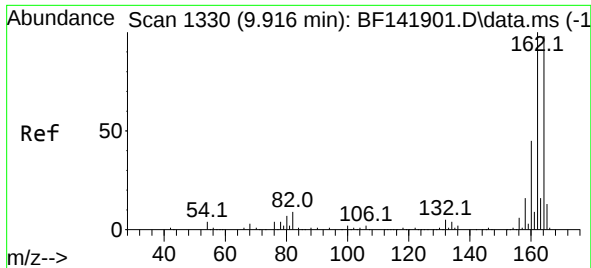
Tgt Ion:142 Resp: 827121

Ion Ratio Lower Upper

142 100

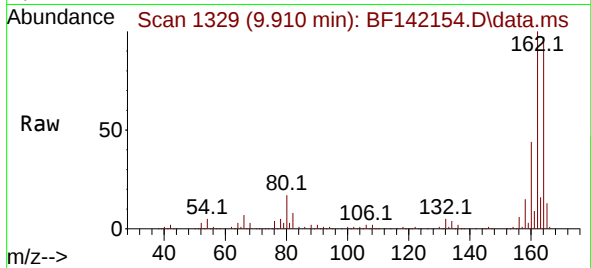
141 92.2 74.2 111.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF142154.D
Acq: 28 Mar 2025 12:02

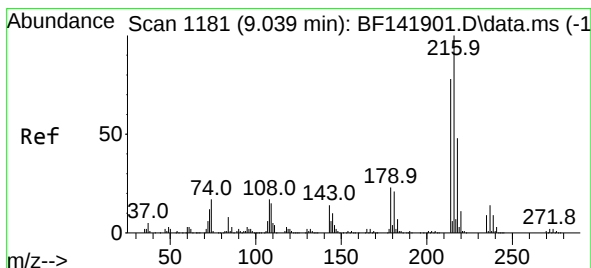
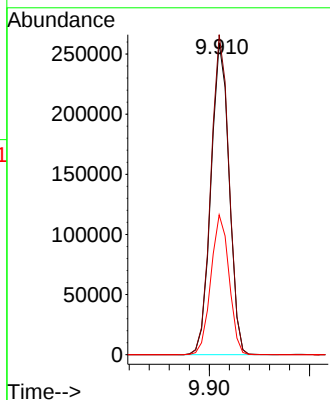
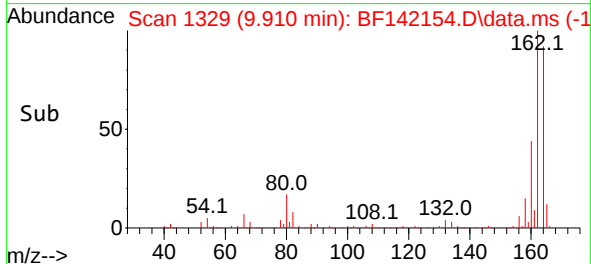
Instrument :
BNA_F
ClientSampleId :
PB167349BS



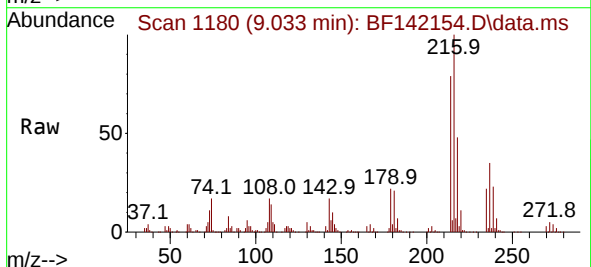
Tgt Ion:164 Resp: 326129
Ion Ratio Lower Upper
164 100
162 102.6 81.8 122.6
160 44.8 36.7 55.1

Manual Integrations
APPROVED

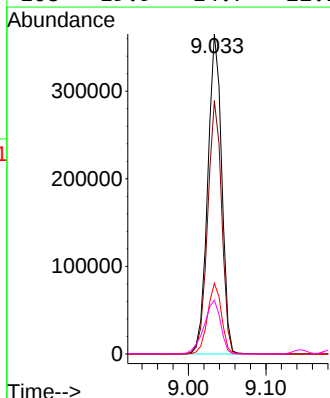
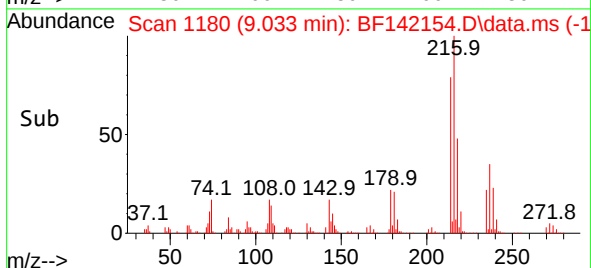
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025

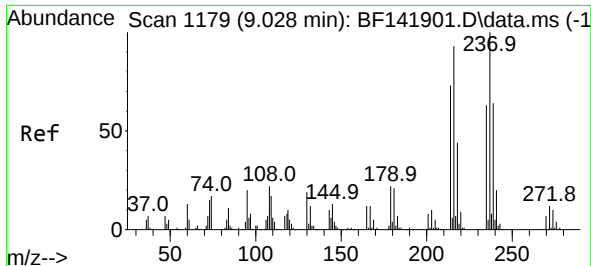


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.138 ng
RT: 9.033 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF142154.D
Acq: 28 Mar 2025 12:02



Tgt Ion:216 Resp: 458117
Ion Ratio Lower Upper
216 100
214 79.0 61.9 92.9
179 21.9 18.1 27.1
108 19.9 14.7 22.1





#41
Hexachlorocyclopentadiene
Concen: 159.877 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF142154.D
Acq: 28 Mar 2025 12:02

Instrument :

BNA_F

ClientSampleId :

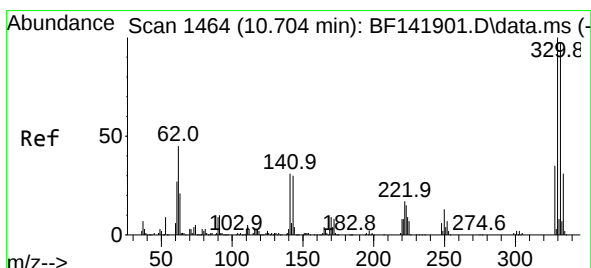
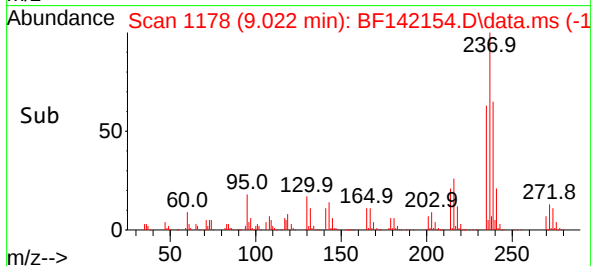
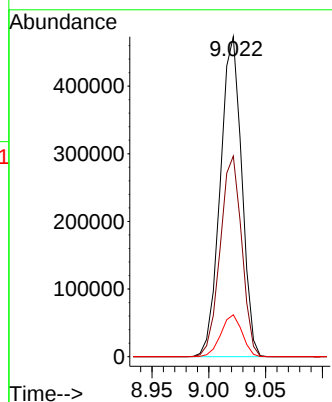
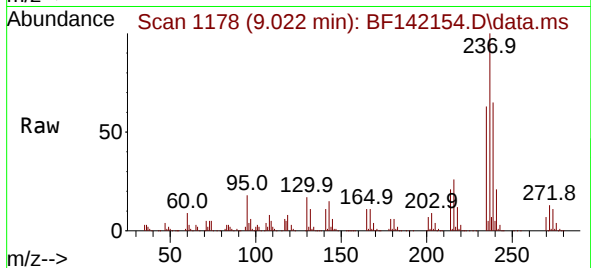
PB167349BS

Tgt Ion:237 Resp: 621272
Ion Ratio Lower Upper
237 100
235 62.7 43.1 83.1
272 13.1 0.0 32.0

Manual Integrations

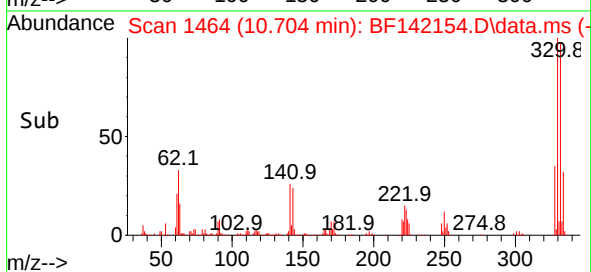
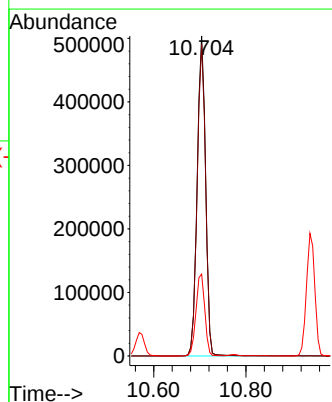
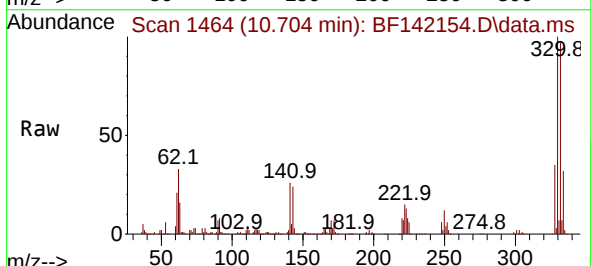
APPROVED

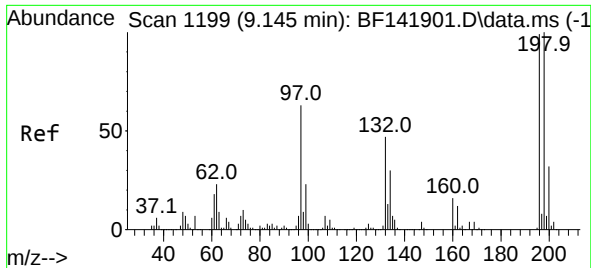
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025



#42
2,4,6-Tribromophenol
Concen: 153.934 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF142154.D
Acq: 28 Mar 2025 12:02

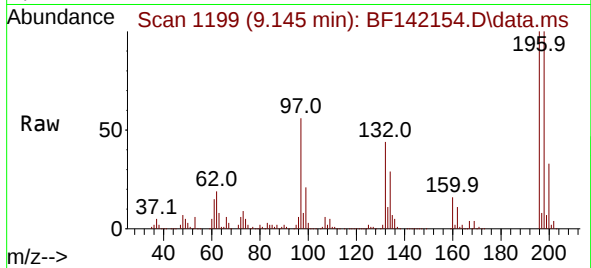
Tgt Ion:330 Resp: 636883
Ion Ratio Lower Upper
330 100
332 97.2 77.6 116.4
141 26.9 24.7 37.1





#43
2,4,6-Trichlorophenol
Concen: 48.090 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.000 min
Lab File: BF142154.D
Acq: 28 Mar 2025 12:02

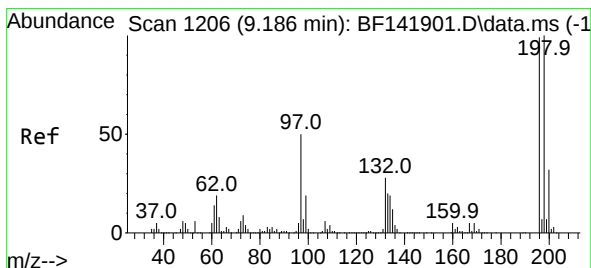
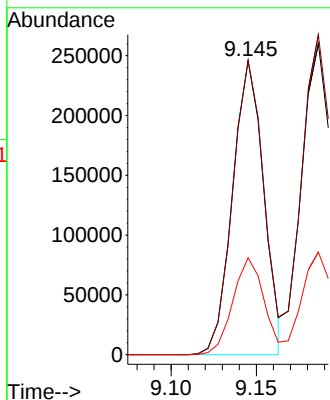
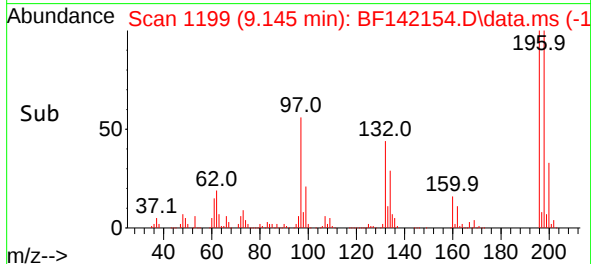
Instrument :
BNA_F
ClientSampleId :
PB167349BS



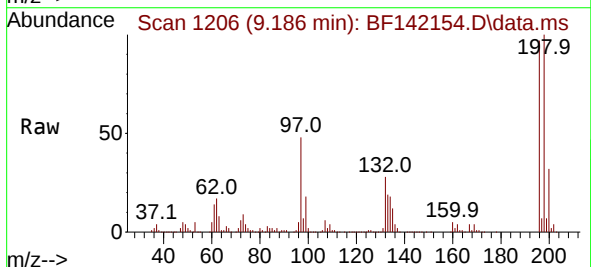
Tgt Ion:196 Resp: 312060
Ion Ratio Lower Upper
196 100
198 100.1 80.6 121.0
200 33.0 25.8 38.6

Manual Integrations
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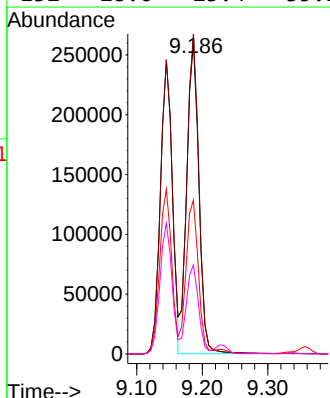
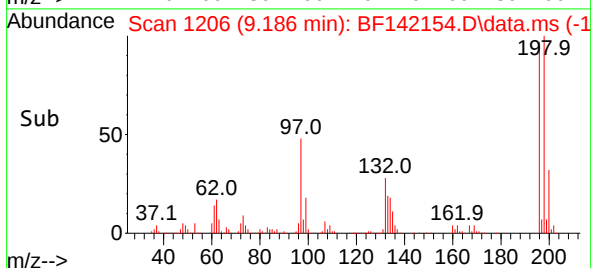
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025

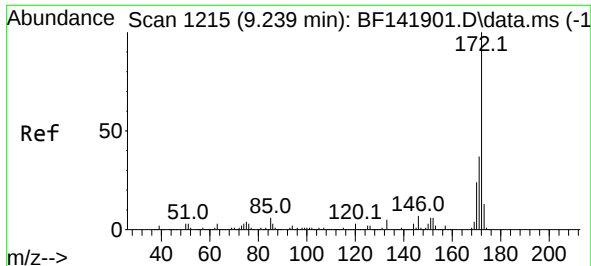


#44
2,4,5-Trichlorophenol
Concen: 50.816 ng
RT: 9.186 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF142154.D
Acq: 28 Mar 2025 12:02



Tgt Ion:196 Resp: 333977
Ion Ratio Lower Upper
196 100
198 102.8 80.7 121.1
97 49.4 42.1 63.1
132 28.6 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 88.580 ng

RT: 9.227 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF142154.D

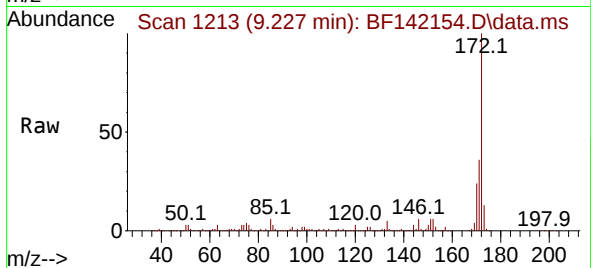
Acq: 28 Mar 2025 12:02

Instrument :

BNA_F

ClientSampleId :

PB167349BS



Tgt Ion:172 Resp: 1899544

Ion Ratio Lower Upper

172 100

171 36.1 29.3 43.9

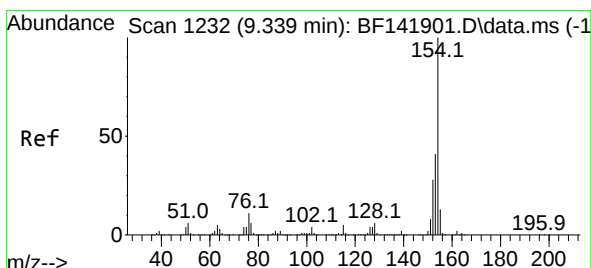
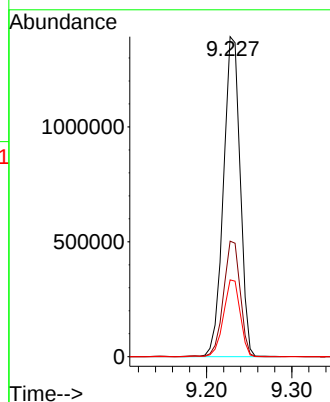
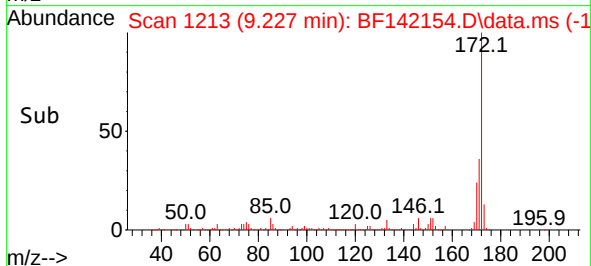
170 24.0 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/31/2025

Supervised By :Jagrut Upadhyay 03/31/2025



#46

1,1'-Biphenyl

Concen: 45.878 ng

RT: 9.333 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BF142154.D

Acq: 28 Mar 2025 12:02

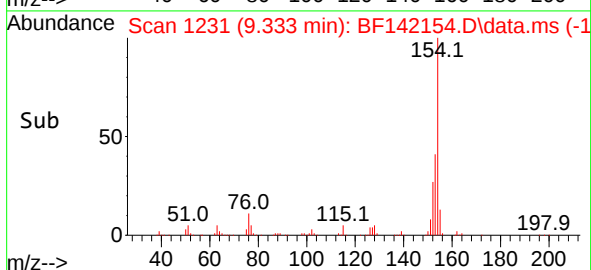
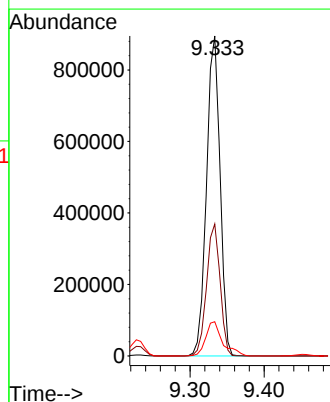
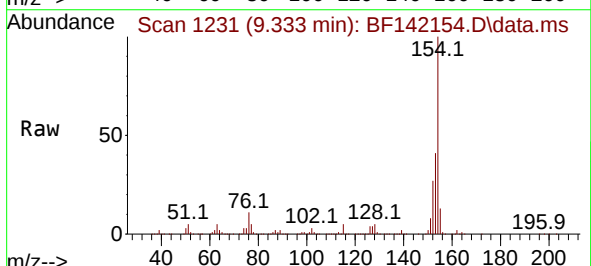
Tgt Ion:154 Resp: 1136844

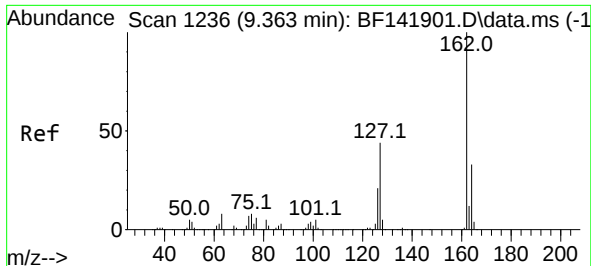
Ion Ratio Lower Upper

154 100

153 41.2 21.1 61.1

76 10.7 0.0 31.3





#47

2-Chloronaphthalene

Concen: 46.388 ng

RT: 9.357 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142154.D

Acq: 28 Mar 2025 12:02

Instrument :

BNA_F

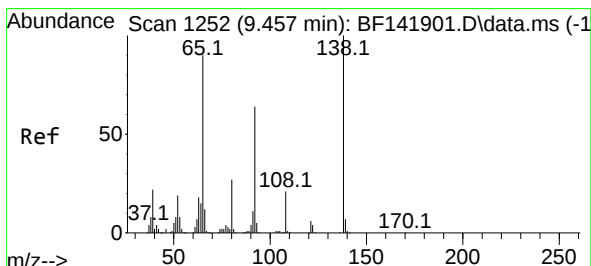
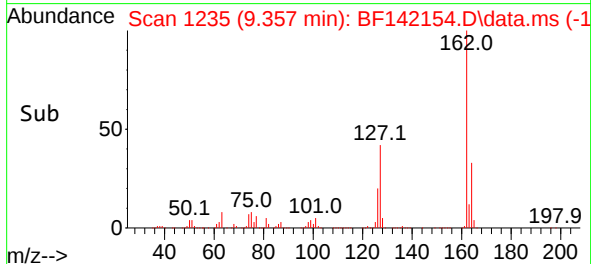
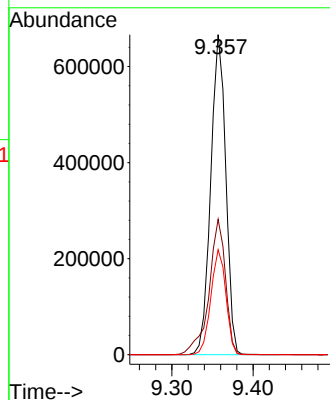
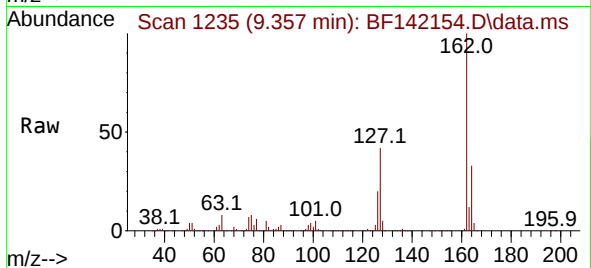
ClientSampleId :

PB167349BS

Tgt Ion:162 Resp: 85675
 Ion Ratio Lower Upper
 162 100
 127 42.3 35.5 53.3
 164 32.8 26.6 40.0

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 03/31/2025
 Supervised By :Jagrut Upadhyay 03/31/2025



#48

2-Nitroaniline

Concen: 45.177 ng

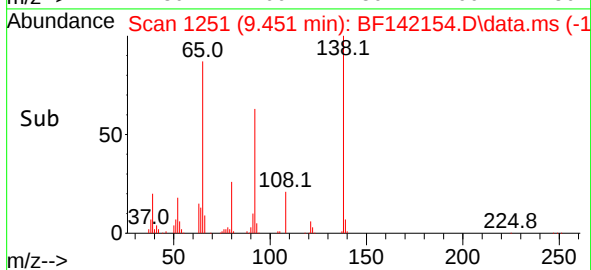
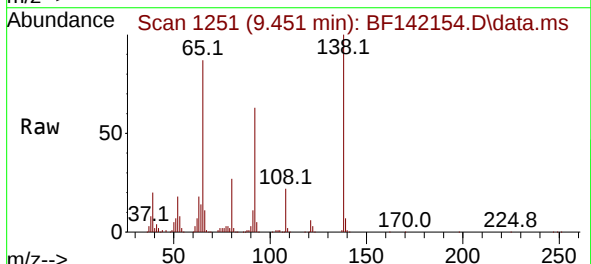
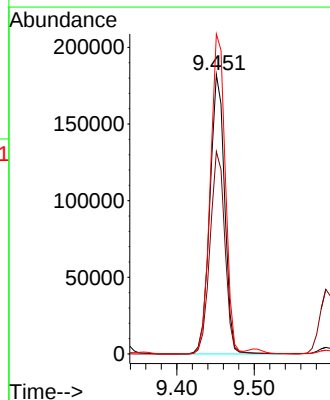
RT: 9.451 min Scan# 1251

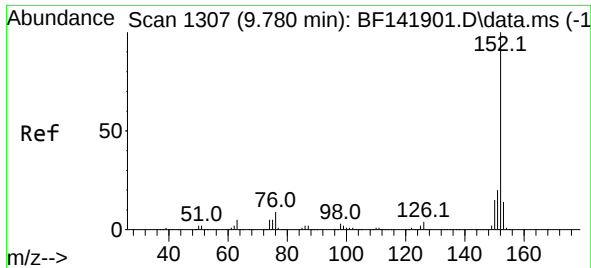
Delta R.T. -0.006 min

Lab File: BF142154.D

Acq: 28 Mar 2025 12:02

Tgt Ion: 65 Resp: 241595
 Ion Ratio Lower Upper
 65 100
 92 72.4 56.6 84.8
 138 114.5 88.6 133.0





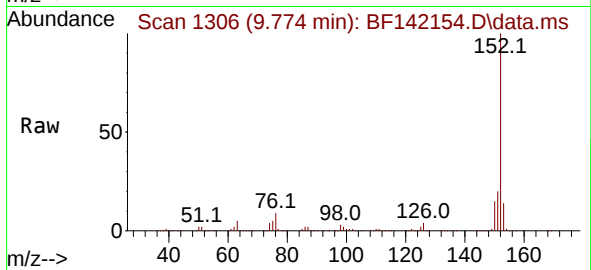
#49
Acenaphthylene
Concen: 50.250 ng
RT: 9.774 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF142154.D
Acq: 28 Mar 2025 12:02

Instrument :

BNA_F

ClientSampleId :

PB167349BS

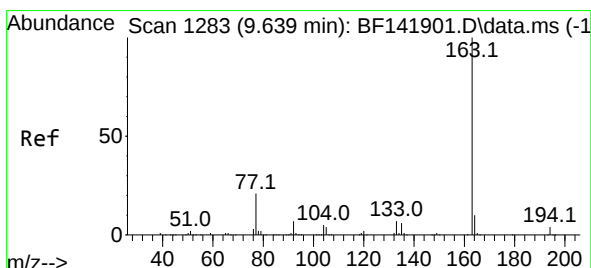
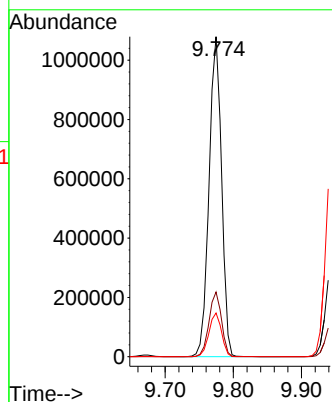
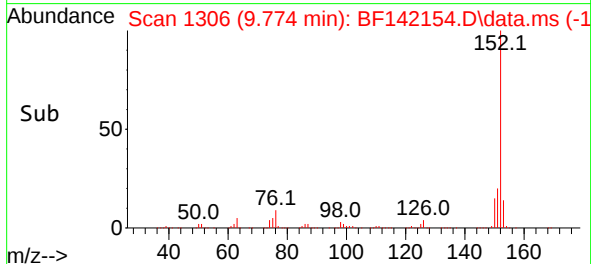


Tgt Ion:152 Resp: 1377270
Ion Ratio Lower Upper
152 100
151 20.2 16.3 24.5
153 13.7 11.1 16.7

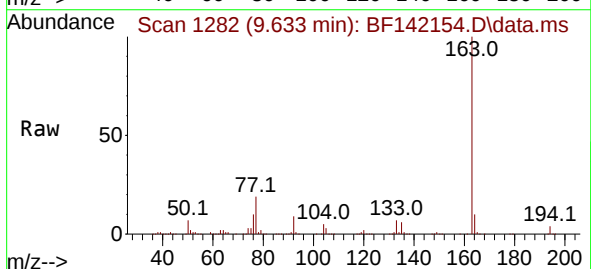
Manual Integrations

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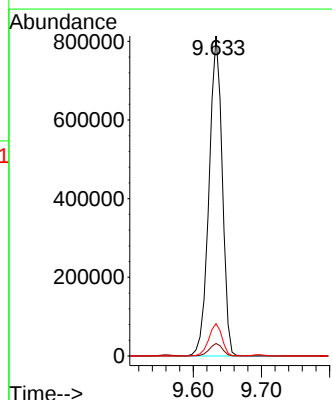
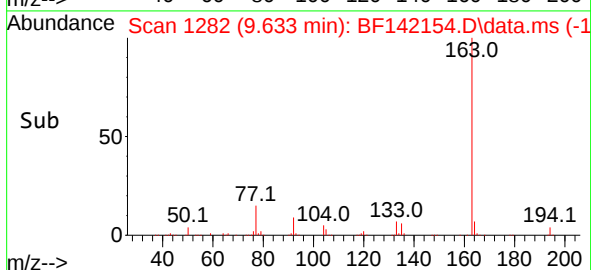
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025

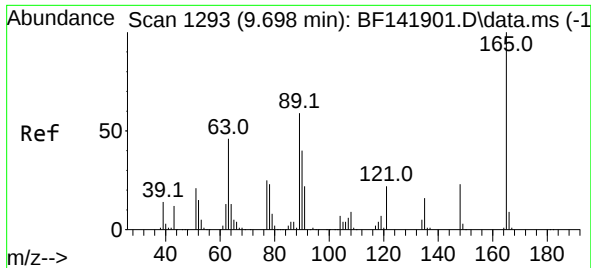


#50
Dimethylphthalate
Concen: 47.937 ng
RT: 9.633 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BF142154.D
Acq: 28 Mar 2025 12:02



Tgt Ion:163 Resp: 1094785
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.1 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 50.606 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BF142154.D
Acq: 28 Mar 2025 12:02

Instrument :

BNA_F

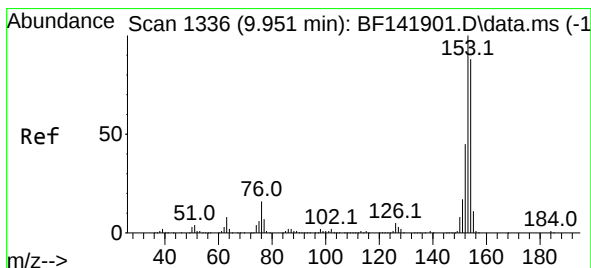
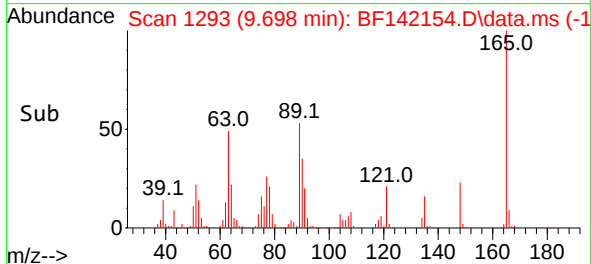
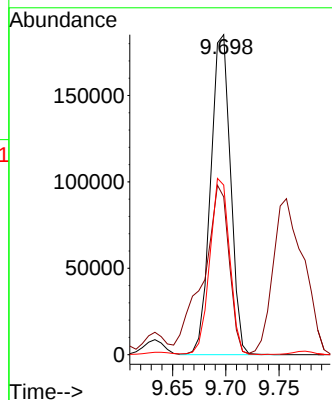
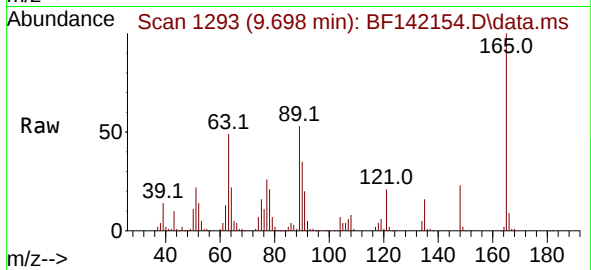
ClientSampleId :

PB167349BS

Tgt Ion:165 Resp: 240638
Ion Ratio Lower Upper
165 100
63 49.3 47.0 70.4
89 53.0 47.4 71.2

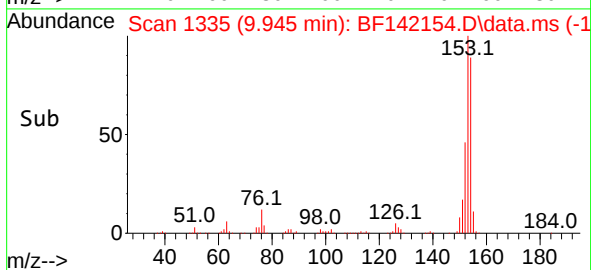
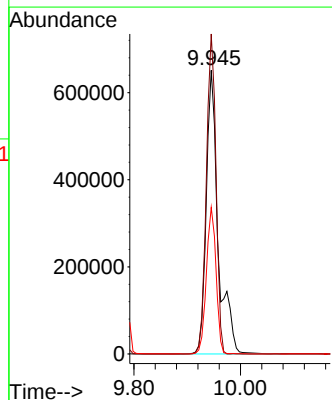
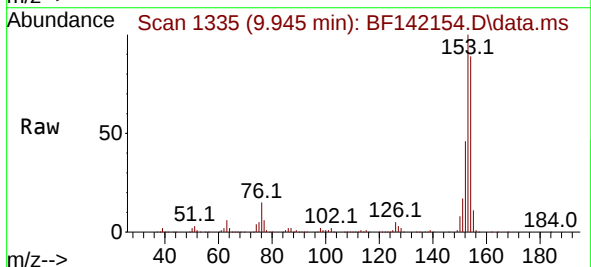
Manual Integrations
APPROVED

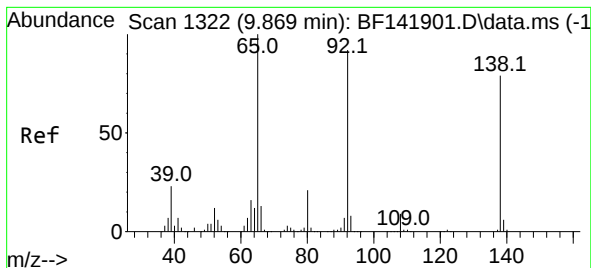
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025



#52
Acenaphthene
Concen: 52.455 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF142154.D
Acq: 28 Mar 2025 12:02

Tgt Ion:154 Resp: 1010352
Ion Ratio Lower Upper
154 100
153 112.8 90.7 136.1
152 51.7 41.1 61.7





#53

3-Nitroaniline

Concen: 20.024 ng

RT: 9.863 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142154.D

Acq: 28 Mar 2025 12:02

Instrument :

BNA_F

ClientSampleId :

PB167349BS

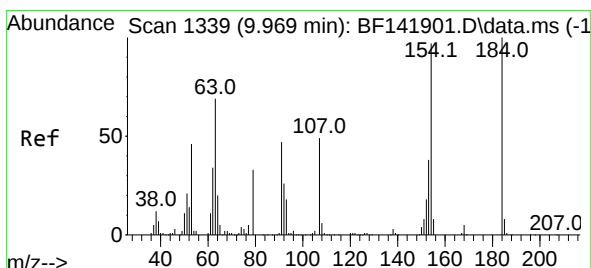
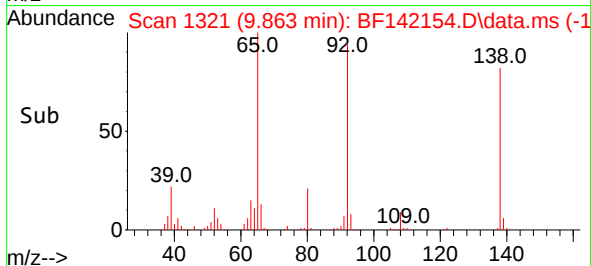
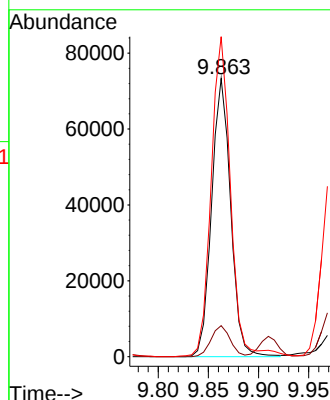
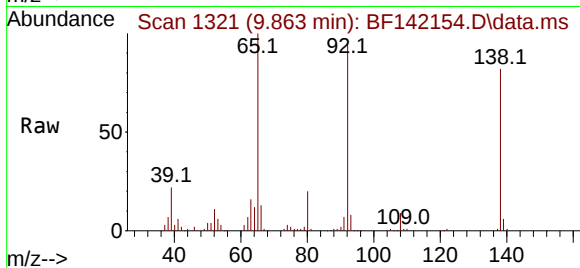
Tgt Ion:138 Resp: 9658

Ion	Ratio	Lower	Upper
138	100		
108	11.2	9.3	13.9
92	115.0	93.5	140.3

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025



#54

2,4-Dinitrophenol

Concen: 102.999 ng

RT: 9.975 min Scan# 1340

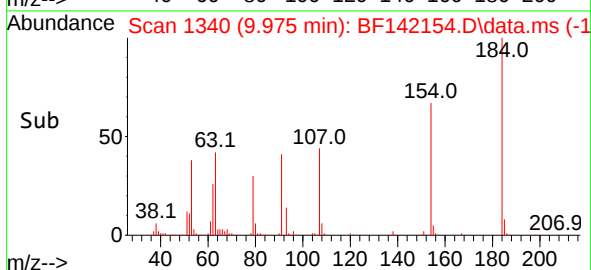
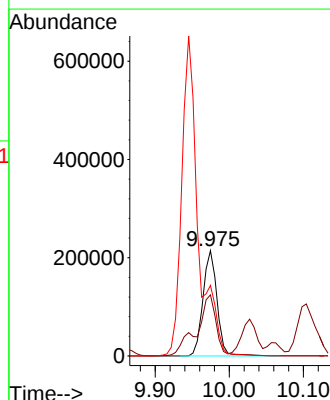
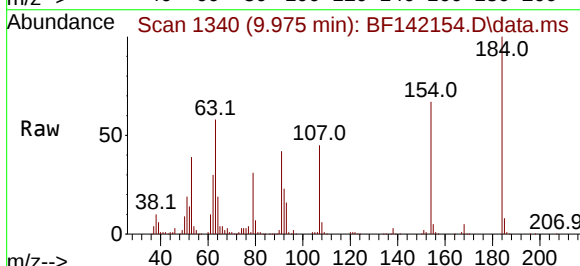
Delta R.T. 0.006 min

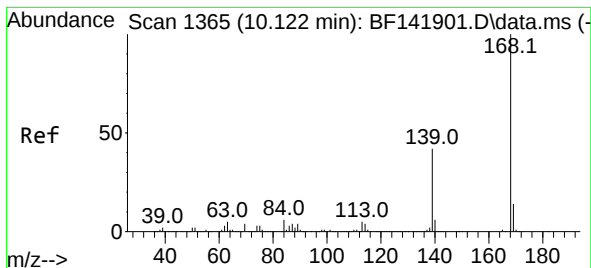
Lab File: BF142154.D

Acq: 28 Mar 2025 12:02

Tgt Ion:184 Resp: 283837

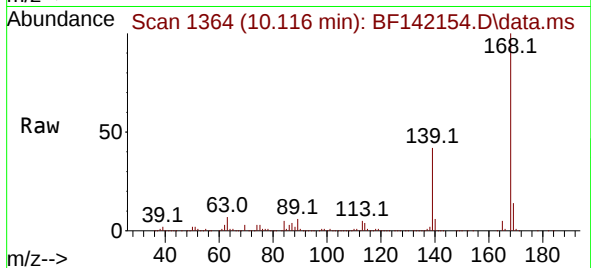
Ion	Ratio	Lower	Upper
184	100		
63	58.1	60.2	90.4#
154	67.1	132.9	199.3#





#55
Dibenzofuran
Concen: 42.899 ng
RT: 10.116 min Scan# 1180660
Delta R.T. -0.006 min
Lab File: BF142154.D
Acq: 28 Mar 2025 12:02

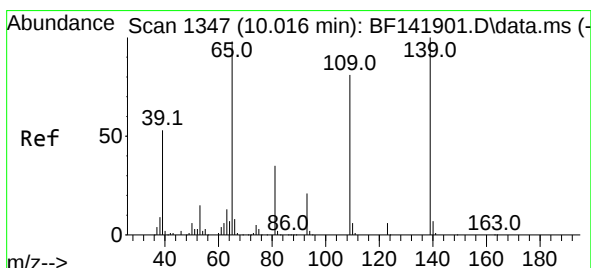
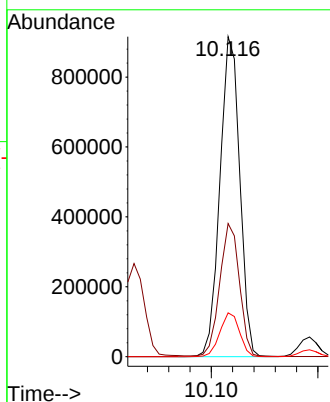
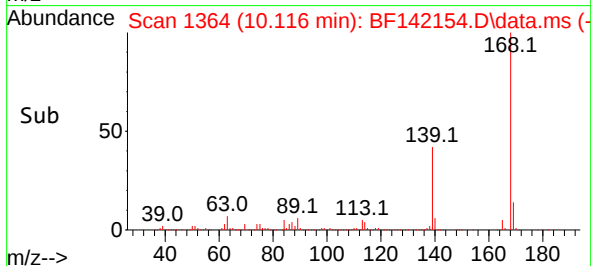
Instrument :
BNA_F
ClientSampleId :
PB167349BS



Tgt Ion:168 Resp: 1180660
Ion Ratio Lower Upper
168 100
139 41.6 33.9 50.9
169 13.7 11.0 16.4

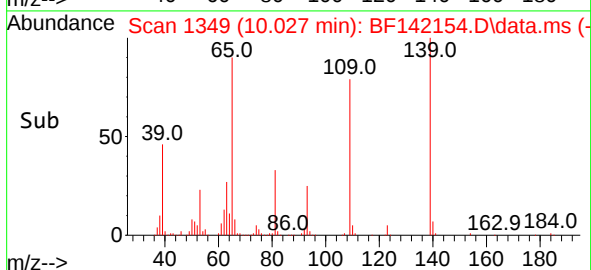
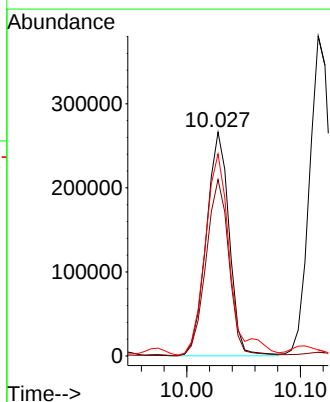
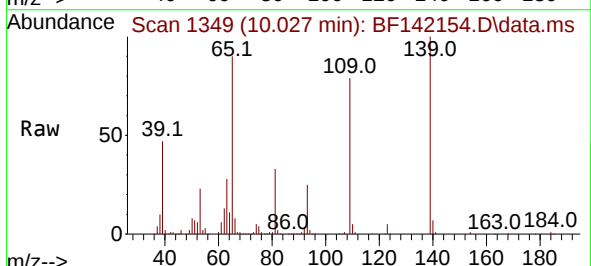
Manual Integrations
APPROVED

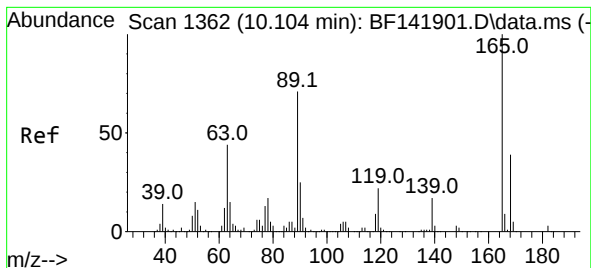
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025



#56
4-Nitrophenol
Concen: 102.577 ng
RT: 10.027 min Scan# 1349
Delta R.T. 0.012 min
Lab File: BF142154.D
Acq: 28 Mar 2025 12:02

Tgt Ion:139 Resp: 373120
Ion Ratio Lower Upper
139 100
109 78.9 61.6 101.6
65 90.3 79.4 119.4





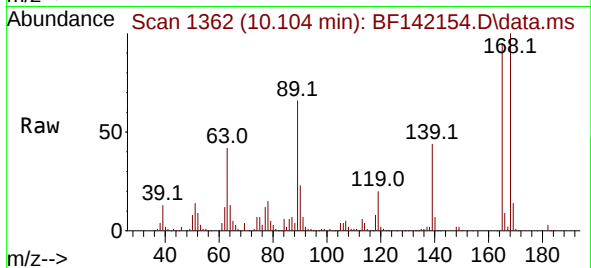
#57
2,4-Dinitrotoluene
Concen: 51.244 ng
RT: 10.104 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142154.D
Acq: 28 Mar 2025 12:02

Instrument :

BNA_F

ClientSampleId :

PB167349BS

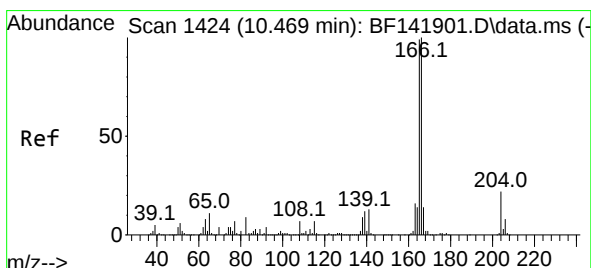
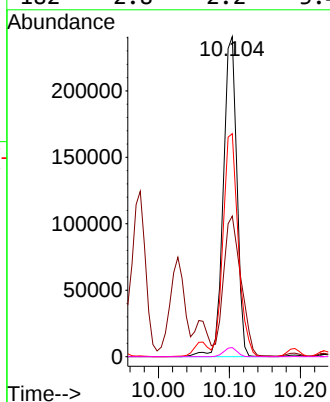
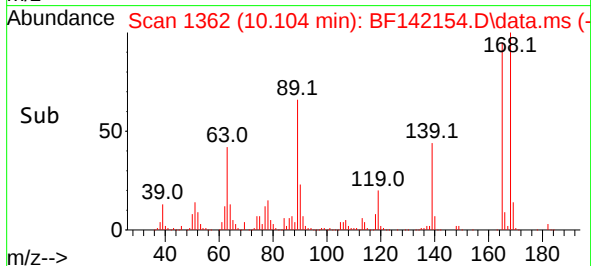


Tgt Ion:165 Resp: 318259
Ion Ratio Lower Upper
165 100
63 43.9 35.4 53.2
89 69.7 56.6 84.8
182 2.8 2.2 3.4

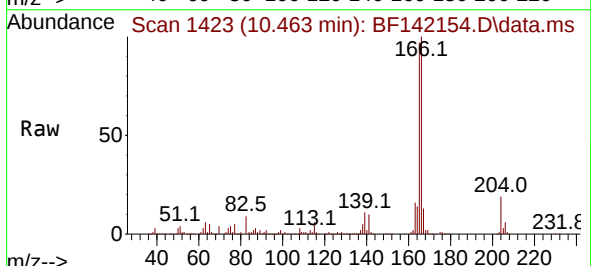
Manual Integrations

APPROVED

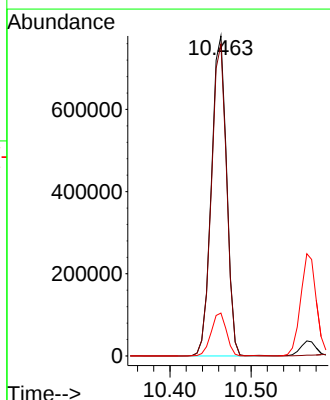
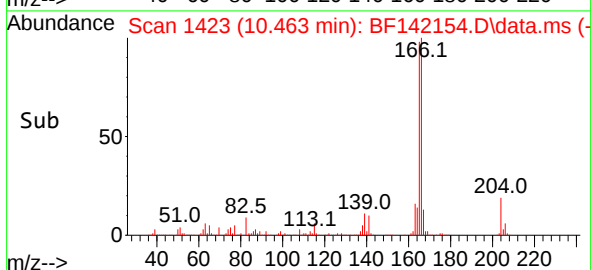
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025

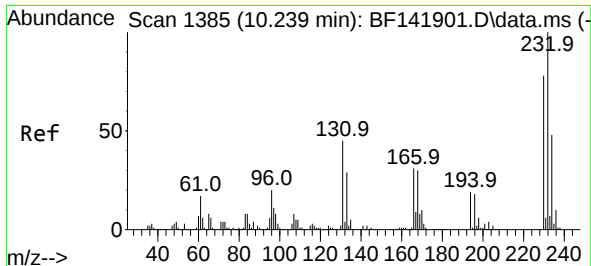


#58
Fluorene
Concen: 47.603 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF142154.D
Acq: 28 Mar 2025 12:02



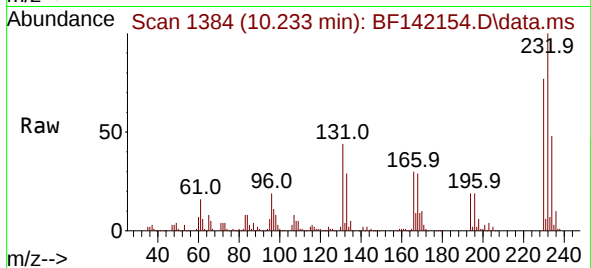
Tgt Ion:166 Resp: 1010330
Ion Ratio Lower Upper
166 100
165 97.4 79.0 118.4
167 13.4 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.644 ng
RT: 10.233 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF142154.D
Acq: 28 Mar 2025 12:02

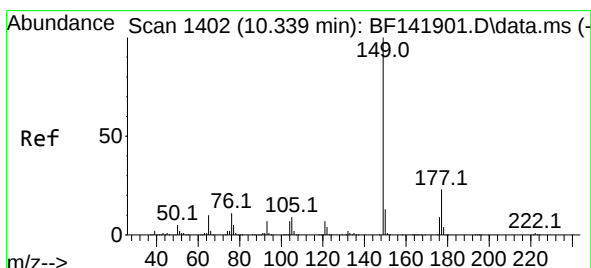
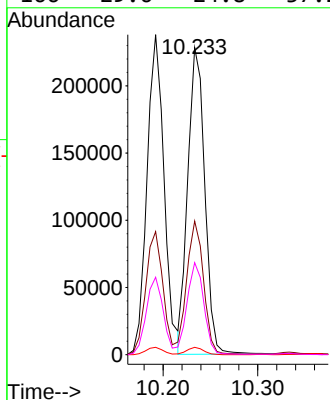
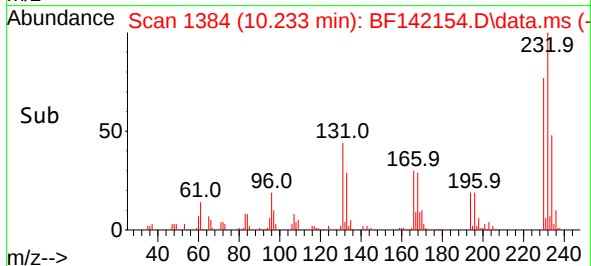
Instrument :
BNA_F
ClientSampleId :
PB167349BS



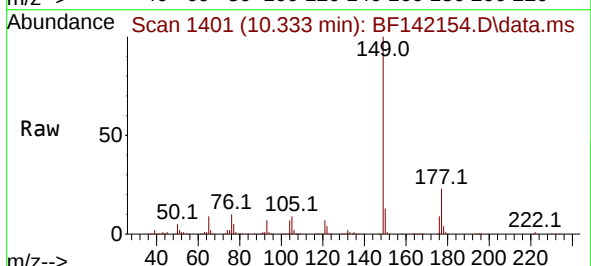
Tgt Ion:232 Resp: 284930
Ion Ratio Lower Upper
232 100
131 43.7 37.3 55.9
130 2.4 1.9 2.9
166 29.6 24.8 37.2

Manual Integrations
APPROVED

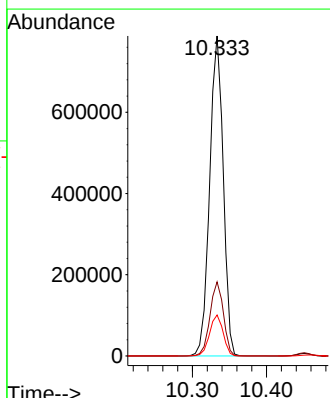
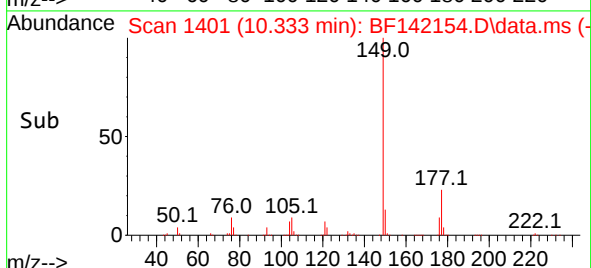
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025

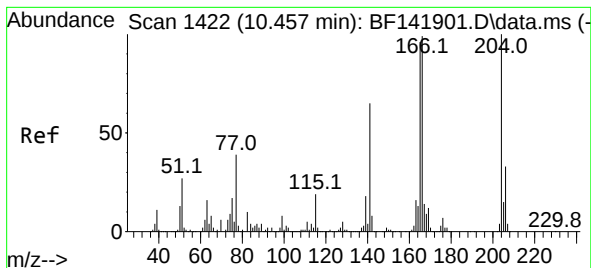


#60
Diethylphthalate
Concen: 43.901 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF142154.D
Acq: 28 Mar 2025 12:02



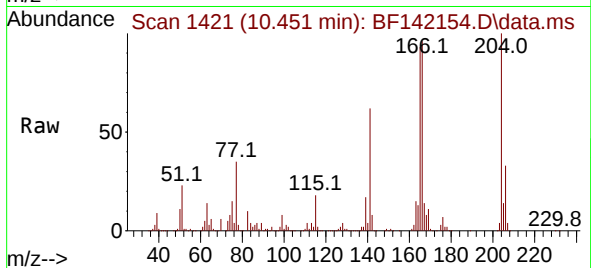
Tgt Ion:149 Resp: 999734
Ion Ratio Lower Upper
149 100
177 23.2 18.0 27.0
150 12.8 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 47.544 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF142154.D
Acq: 28 Mar 2025 12:02

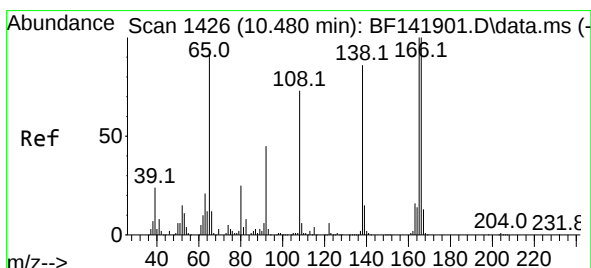
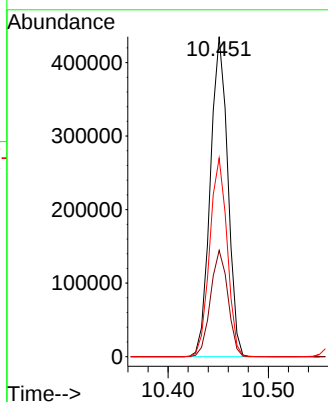
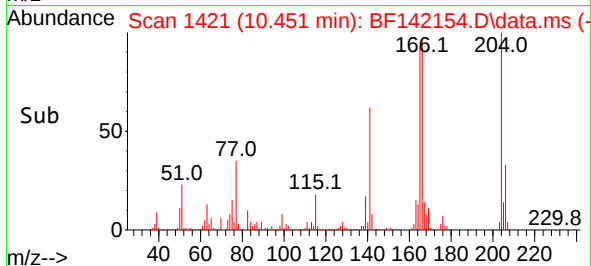
Instrument :
BNA_F
ClientSampleId :
PB167349BS



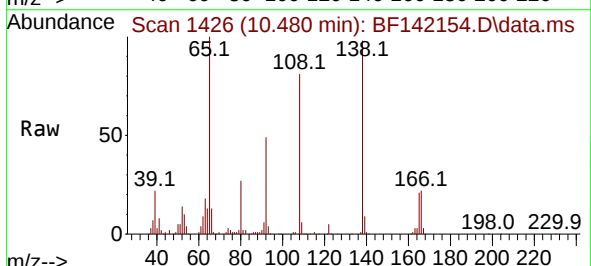
Tgt Ion:204 Resp: 526088
Ion Ratio Lower Upper
204 100
206 33.2 26.8 40.2
141 62.0 52.4 78.6

Manual Integrations
APPROVED

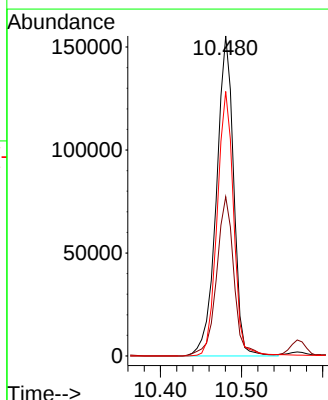
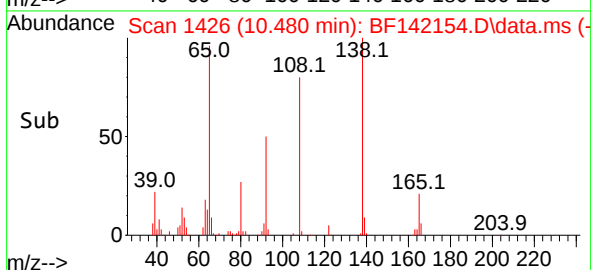
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025

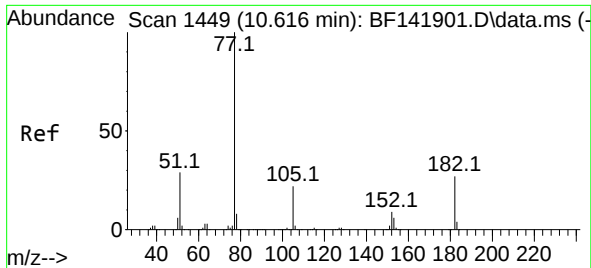


#62
4-Nitroaniline
Concen: 49.002 ng
RT: 10.480 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF142154.D
Acq: 28 Mar 2025 12:02



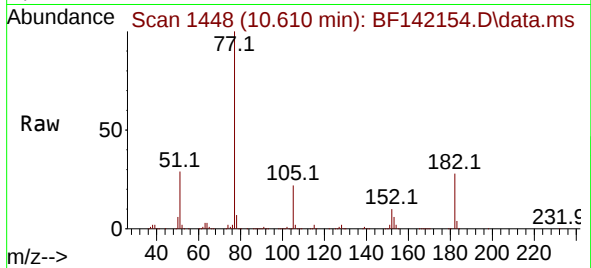
Tgt Ion:138 Resp: 230108
Ion Ratio Lower Upper
138 100
92 49.7 32.6 72.6
108 82.7 65.0 105.0





#63
Azobenzene
Concen: 43.852 ng
RT: 10.610 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF142154.D
Acq: 28 Mar 2025 12:02

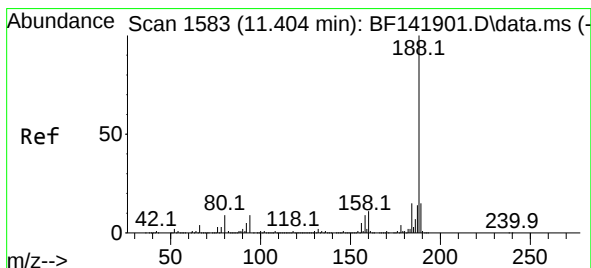
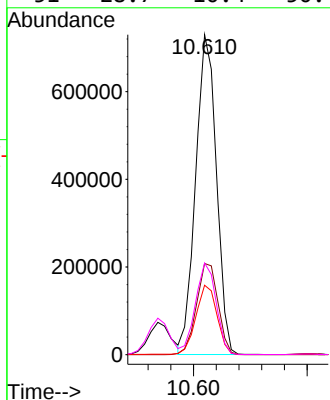
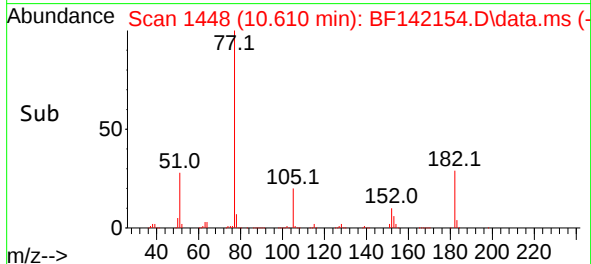
Instrument :
BNA_F
ClientSampleId :
PB167349BS



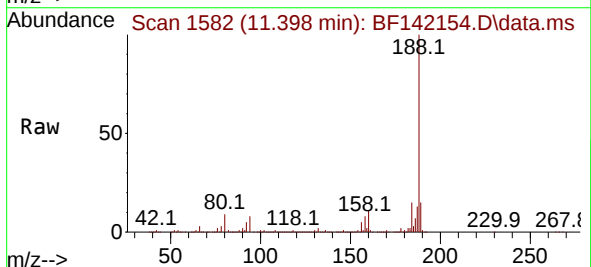
Tgt Ion: 77 Resp: 928430
Ion Ratio Lower Upper
77 100
182 28.5 6.6 46.6
105 21.7 1.3 41.3
51 28.7 10.4 50.4

Manual Integrations
APPROVED

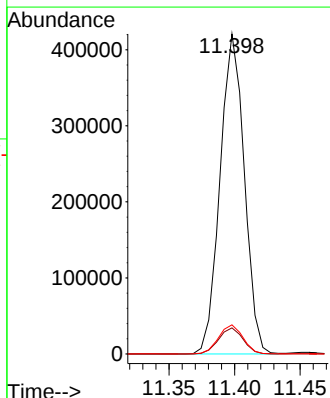
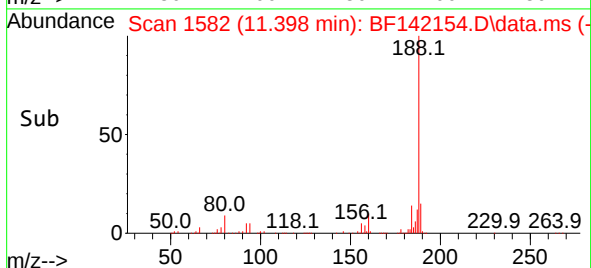
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025

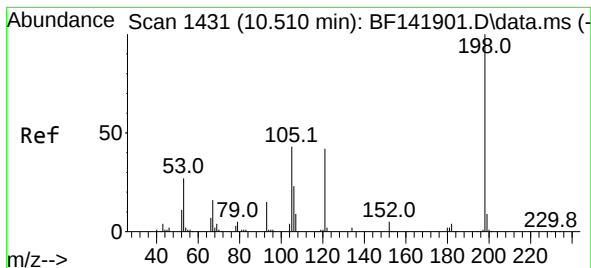


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF142154.D
Acq: 28 Mar 2025 12:02



Tgt Ion:188 Resp: 541194
Ion Ratio Lower Upper
188 100
94 8.1 6.8 10.2
80 9.1 7.6 11.4





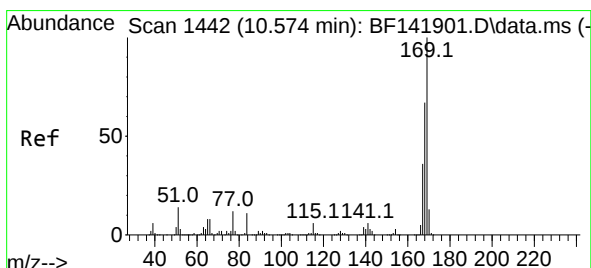
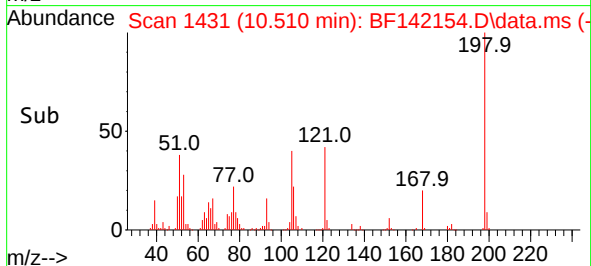
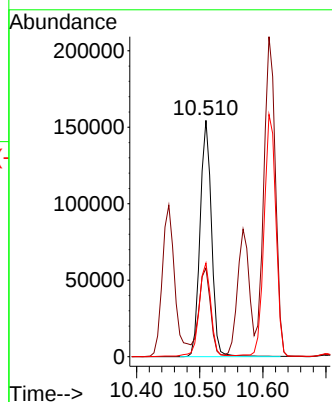
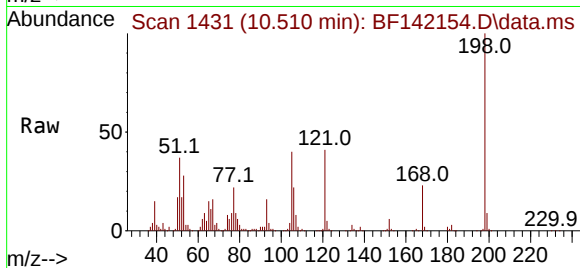
#65
4,6-Dinitro-2-methylphenol
Concen: 60.028 ng
RT: 10.510 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BF142154.D
Acq: 28 Mar 2025 12:02

Instrument :
BNA_F
ClientSampleId :
PB167349BS

Tgt Ion:198 Resp: 193669
Ion Ratio Lower Upper
198 100
51 37.5 22.3 62.3
105 39.6 23.0 63.0

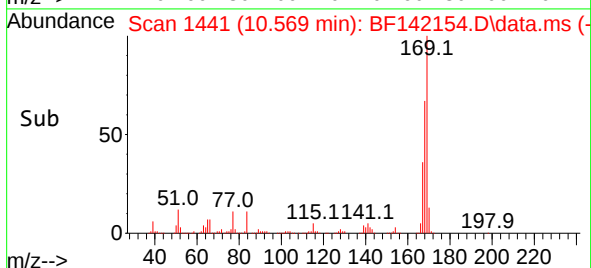
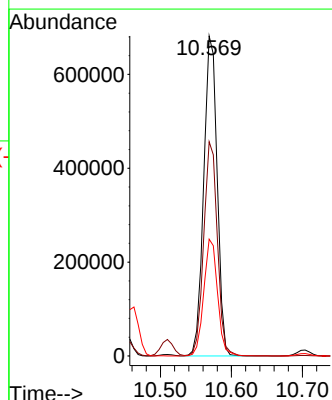
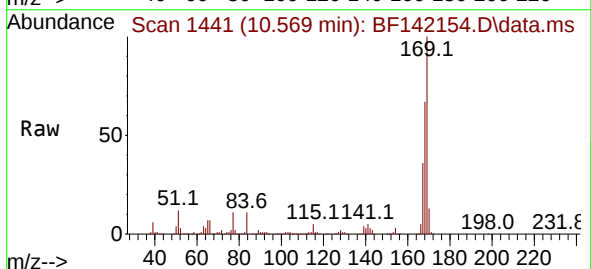
Manual Integrations
APPROVED

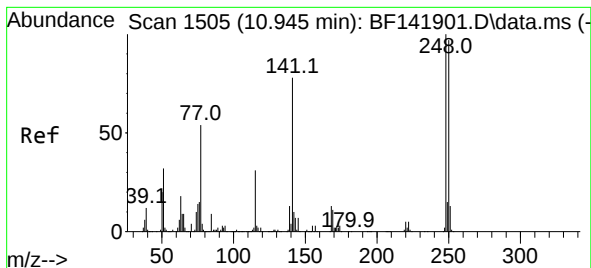
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025



#66
n-Nitrosodiphenylamine
Concen: 51.233 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF142154.D
Acq: 28 Mar 2025 12:02

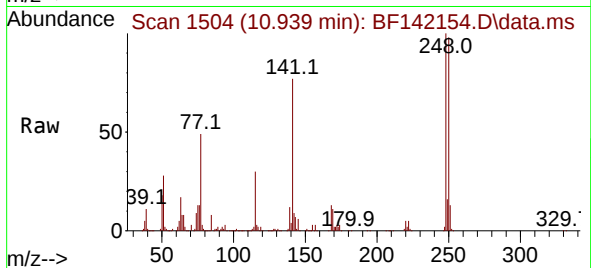
Tgt Ion:169 Resp: 897261
Ion Ratio Lower Upper
169 100
168 66.9 53.7 80.5
167 36.5 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 48.010 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142154.D
Acq: 28 Mar 2025 12:02

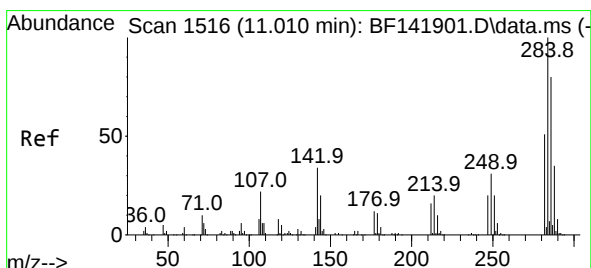
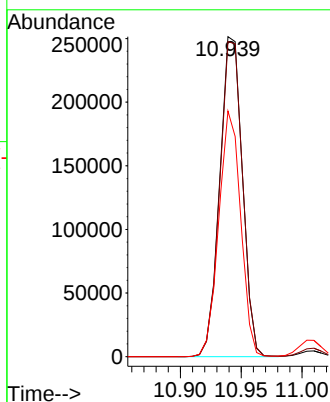
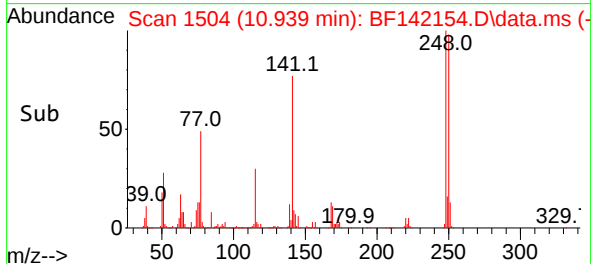
Instrument :
BNA_F
ClientSampleId :
PB167349BS



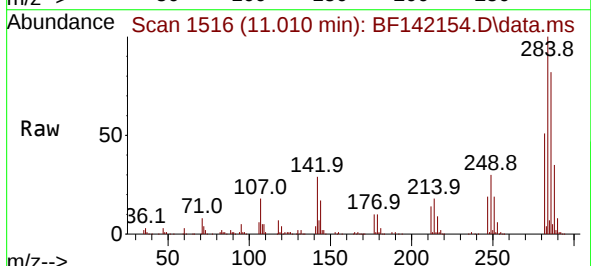
Tgt Ion:248 Resp: 326312
Ion Ratio Lower Upper
248 100
250 98.5 77.8 116.8
141 76.8 62.6 93.8

Manual Integrations
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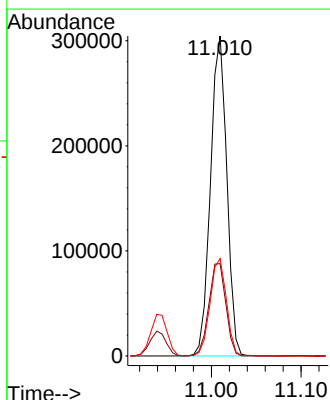
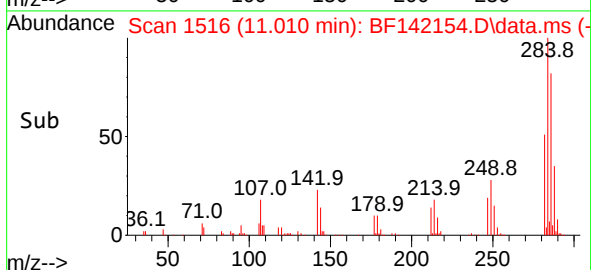
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025

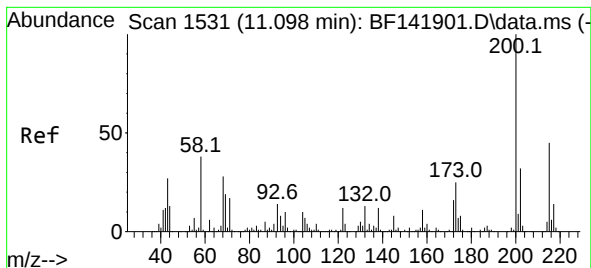


#68
Hexachlorobenzene
Concen: 51.452 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.000 min
Lab File: BF142154.D
Acq: 28 Mar 2025 12:02



Tgt Ion:284 Resp: 383548
Ion Ratio Lower Upper
284 100
142 28.8 27.0 40.6
249 30.5 25.2 37.8





#69

Atrazine

Concen: 58.146 ng

RT: 11.098 min Scan# 1531

Delta R.T. -0.000 min

Lab File: BF142154.D

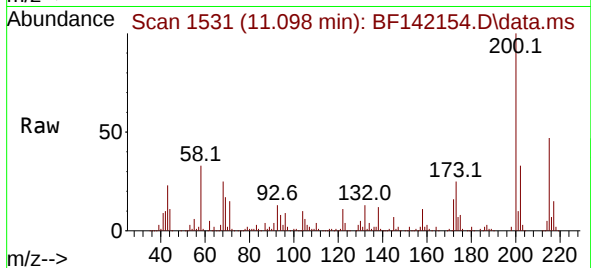
Acq: 28 Mar 2025 12:02

Instrument :

BNA_F

ClientSampleId :

PB167349BS



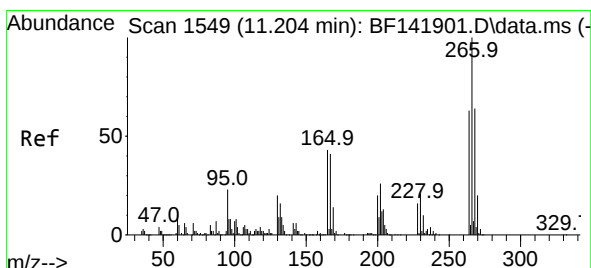
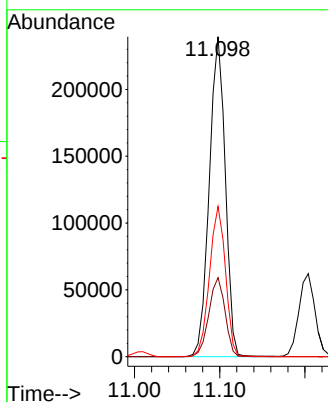
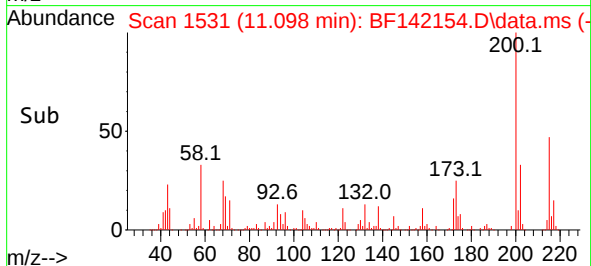
Tgt Ion:	200	Resp:	312180
Ion Ratio	Lower	Upper	
200	100		
173	24.7	4.7	44.7
215	46.9	25.4	65.4

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/31/2025

Supervised By :Jagrut Upadhyay 03/31/2025



#70

Pentachlorophenol

Concen: 96.876 ng

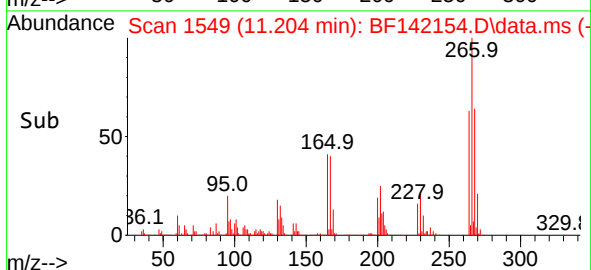
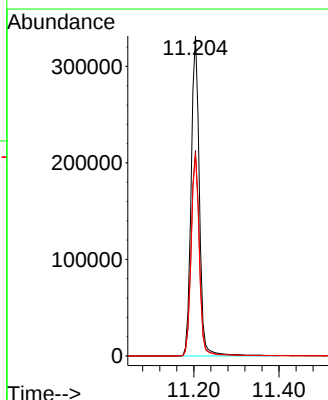
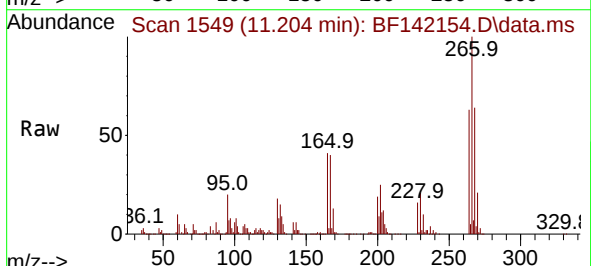
RT: 11.204 min Scan# 1549

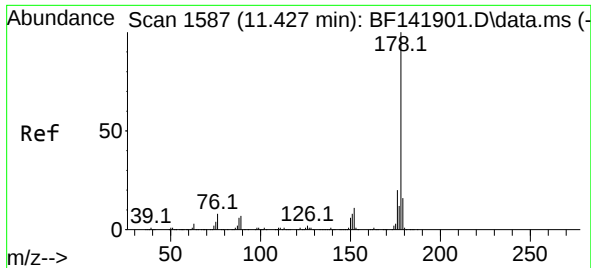
Delta R.T. 0.000 min

Lab File: BF142154.D

Acq: 28 Mar 2025 12:02

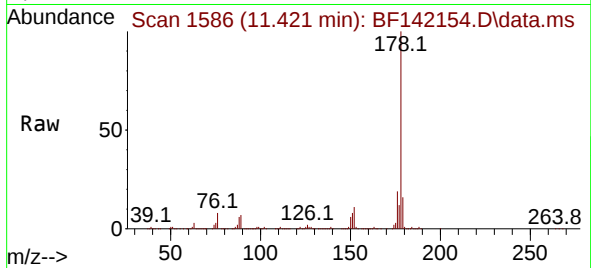
Tgt Ion:	266	Resp:	444946
Ion Ratio	Lower	Upper	
266	100		
268	64.1	51.0	76.6
264	63.0	50.2	75.2





#71
Phenanthrene
Concen: 48.868 ng
RT: 11.421 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF142154.D
Acq: 28 Mar 2025 12:02

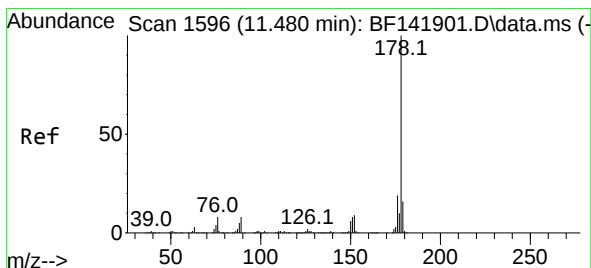
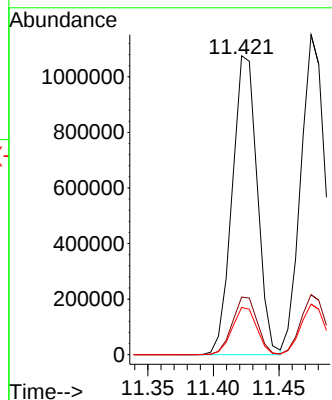
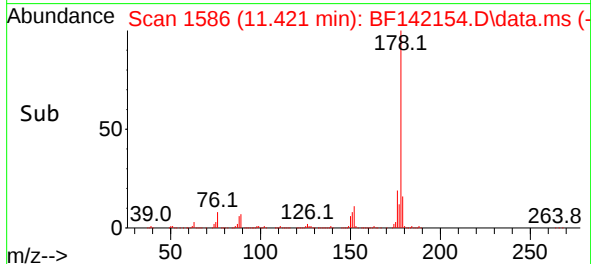
Instrument :
BNA_F
ClientSampleId :
PB167349BS



Tgt Ion:178 Resp: 1428498
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.8
179 15.8 12.6 19.0

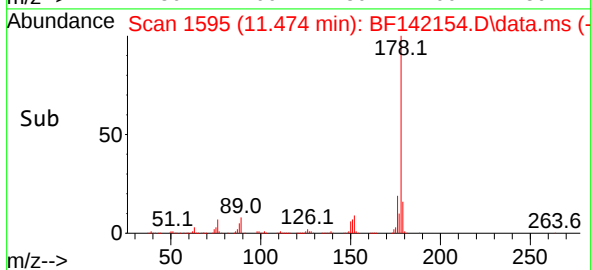
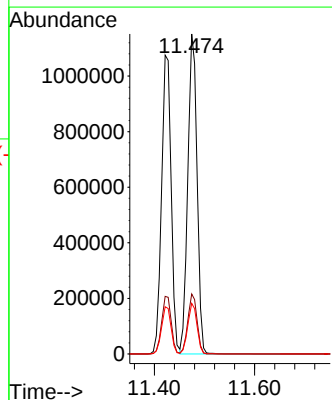
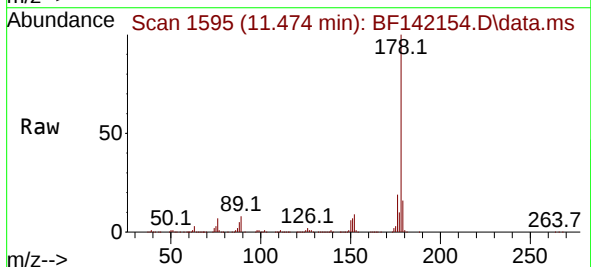
Manual Integrations
APPROVED

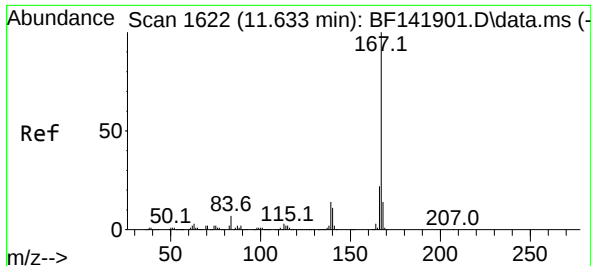
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025



#72
Anthracene
Concen: 50.492 ng
RT: 11.474 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF142154.D
Acq: 28 Mar 2025 12:02

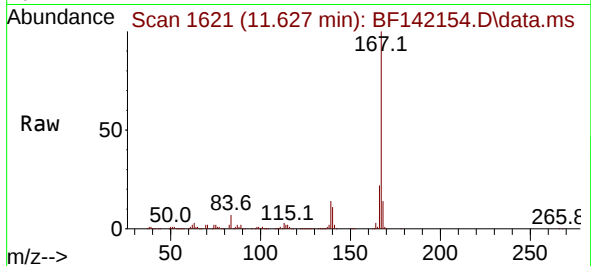
Tgt Ion:178 Resp: 1480773
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 15.8 12.6 19.0





#73
 Carbazole
 Concen: 48.827 ng
 RT: 11.627 min Scan# 1621
 Delta R.T. -0.006 min
 Lab File: BF142154.D
 Acq: 28 Mar 2025 12:02

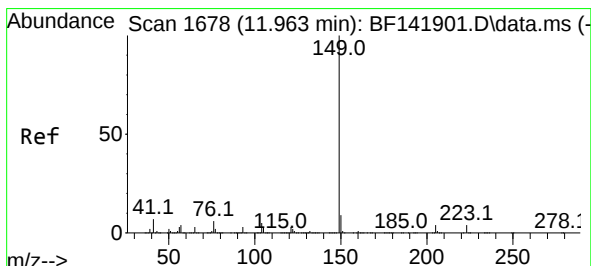
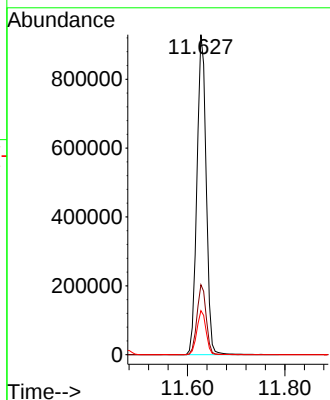
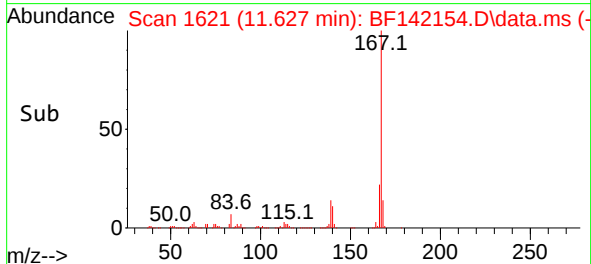
Instrument :
 BNA_F
 ClientSampleId :
 PB167349BS



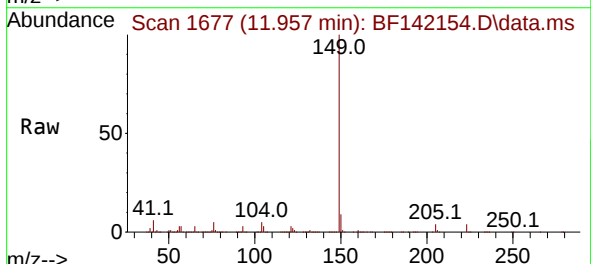
Tgt Ion:167 Resp: 1234919
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.2
 139 13.8 11.0 16.6

Manual Integrations
 APPROVED

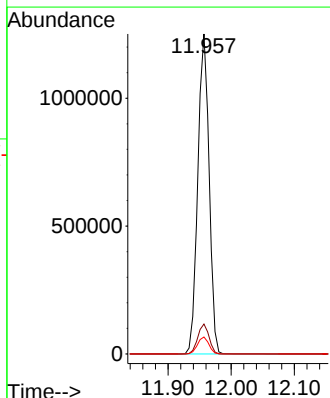
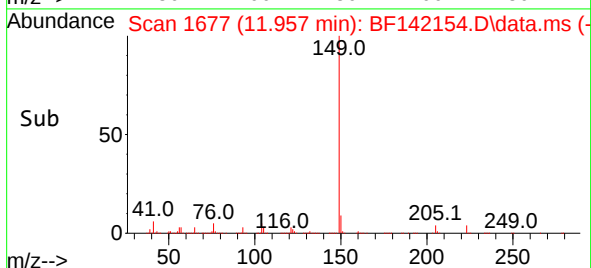
Reviewed By :Anahy Claudio 03/31/2025
 Supervised By :Jagrut Upadhyay 03/31/2025

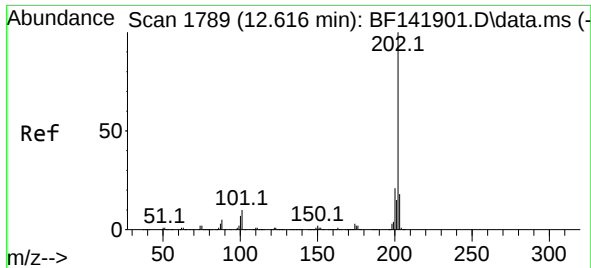


#74
 Di-n-butylphthalate
 Concen: 46.187 ng
 RT: 11.957 min Scan# 1677
 Delta R.T. -0.006 min
 Lab File: BF142154.D
 Acq: 28 Mar 2025 12:02



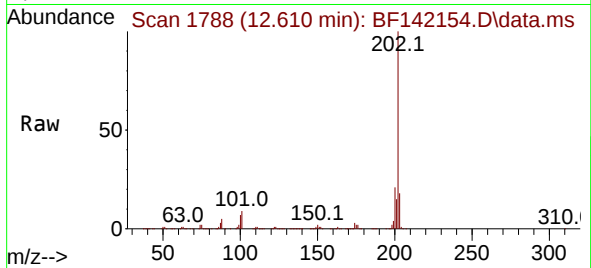
Tgt Ion:149 Resp: 1550019
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.6 11.4
 104 5.3 4.4 6.6





#75
Fluoranthene
Concen: 46.874 ng
RT: 12.610 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF142154.D
Acq: 28 Mar 2025 12:02

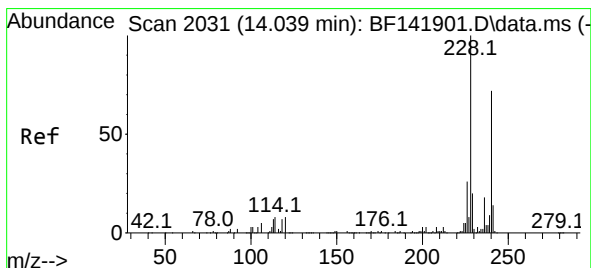
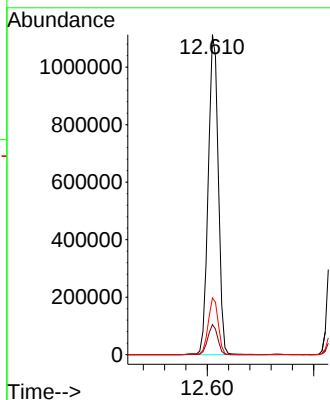
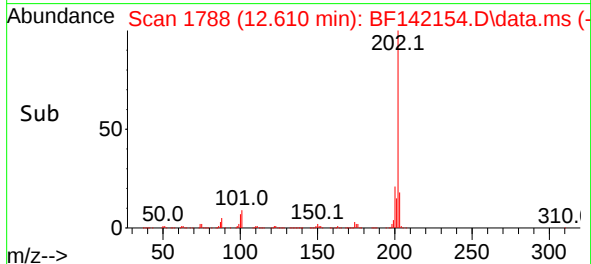
Instrument :
BNA_F
ClientSampleId :
PB167349BS



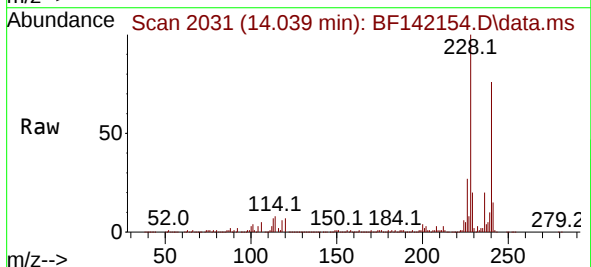
Tgt Ion:202 Resp: 1453458
Ion Ratio Lower Upper
202 100
101 9.4 0.0 29.7
203 17.8 0.0 37.8

Manual Integrations
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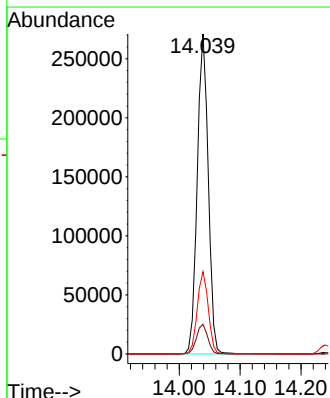
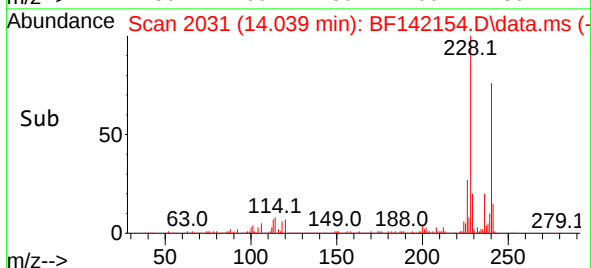
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025

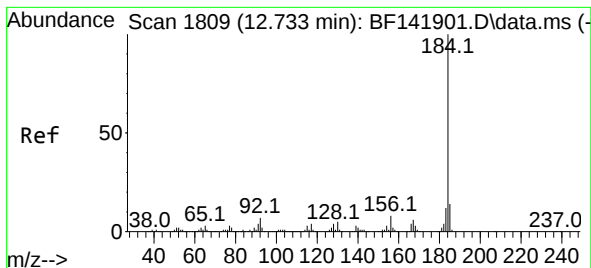


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BF142154.D
Acq: 28 Mar 2025 12:02



Tgt Ion:240 Resp: 339098
Ion Ratio Lower Upper
240 100
120 9.3 8.4 12.6
236 25.7 20.5 30.7





#77

Benzidine

Concen: 93.862 ng

RT: 12.733 min Scan# 1809

Delta R.T. -0.000 min

Lab File: BF142154.D

Acq: 28 Mar 2025 12:02

Instrument :

BNA_F

ClientSampleId :

PB167349BS

Tgt Ion:184 Resp: 444068

Ion Ratio Lower Upper

184 100

185 14.3 11.5 17.3

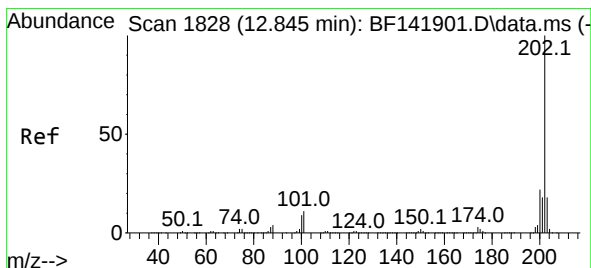
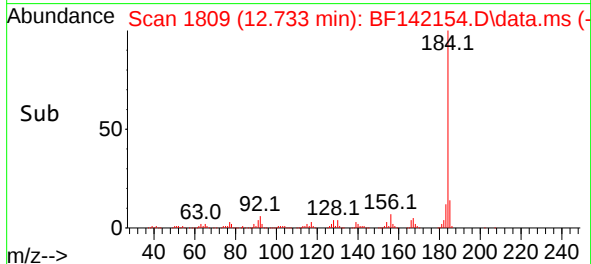
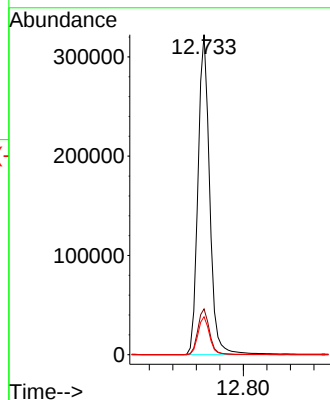
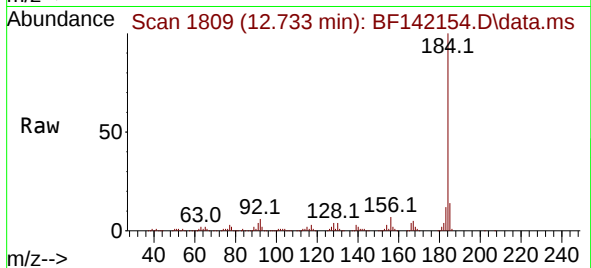
183 11.9 9.7 14.5

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/31/2025

Supervised By :Jagrut Upadhyay 03/31/2025



#78

Pyrene

Concen: 48.408 ng

RT: 12.839 min Scan# 1827

Delta R.T. -0.006 min

Lab File: BF142154.D

Acq: 28 Mar 2025 12:02

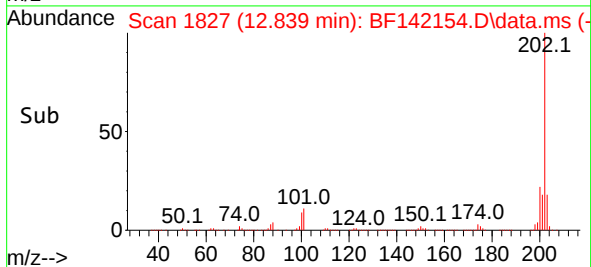
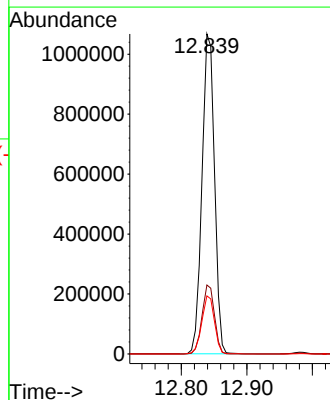
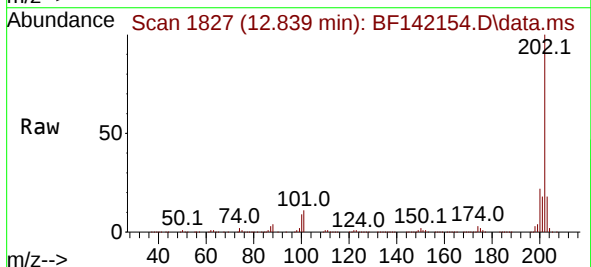
Tgt Ion:202 Resp: 1419919

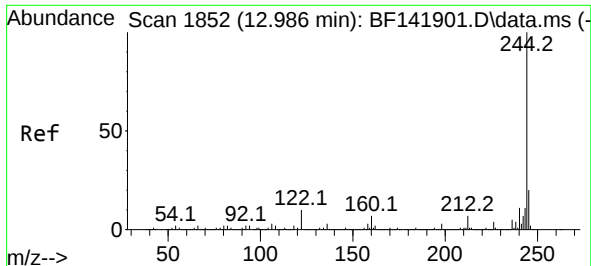
Ion Ratio Lower Upper

202 100

200 21.5 17.3 25.9

203 18.1 14.4 21.6





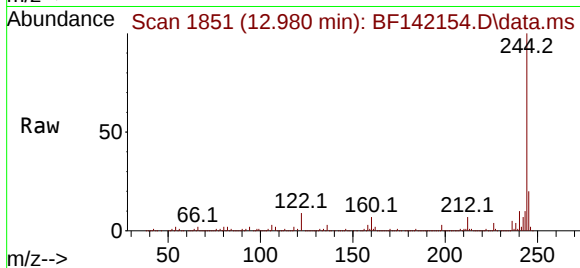
#79
 Terphenyl-d14
 Concen: 96.367 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF142154.D
 Acq: 28 Mar 2025 12:02

Instrument :

BNA_F

ClientSampleId :

PB167349BS

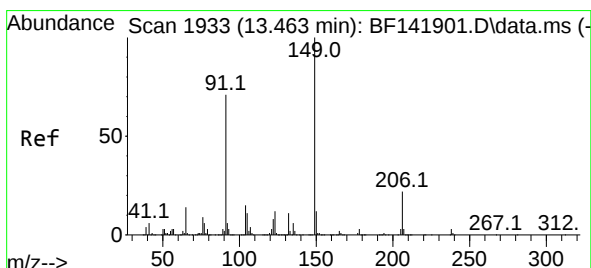
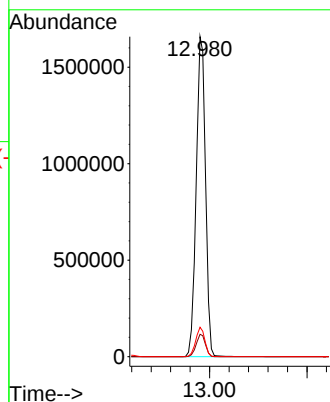
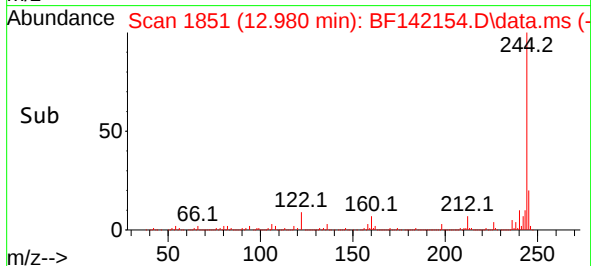


Tgt Ion:244 Resp: 221026
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 9.2 7.7 11.5

Manual Integrations

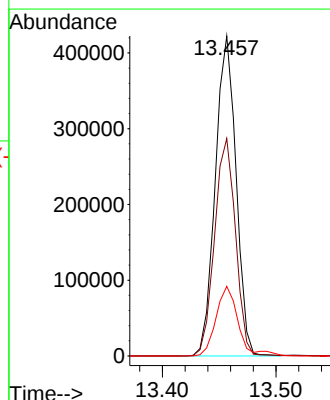
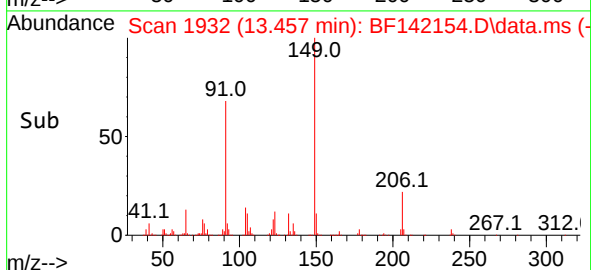
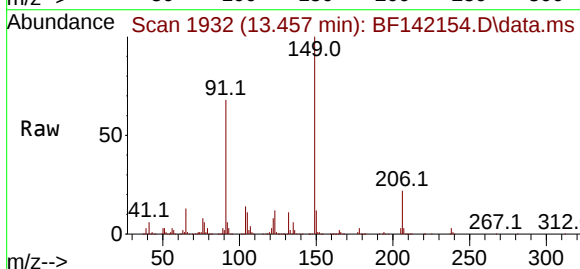
APPROVED

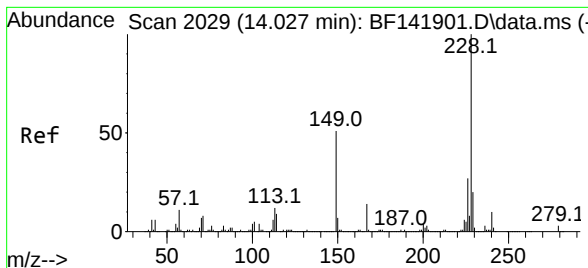
Reviewed By :Anahy Claudio 03/31/2025
 Supervised By :Jagrut Upadhyay 03/31/2025



#80
 Butylbenzylphthalate
 Concen: 46.795 ng
 RT: 13.457 min Scan# 1932
 Delta R.T. -0.006 min
 Lab File: BF142154.D
 Acq: 28 Mar 2025 12:02

Tgt Ion:149 Resp: 537240
 Ion Ratio Lower Upper
 149 100
 91 67.9 56.5 84.7
 206 21.7 17.3 25.9





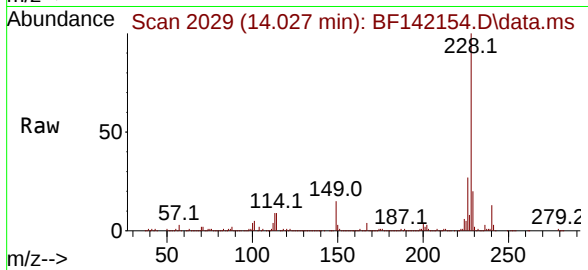
#81
Benzo(a)anthracene
Concen: 48.497 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.000 min
Lab File: BF142154.D
Acq: 28 Mar 2025 12:02

Instrument :

BNA_F

ClientSampleId :

PB167349BS

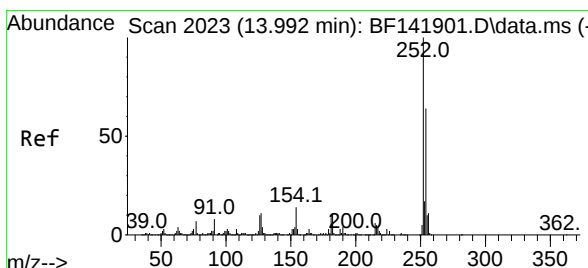
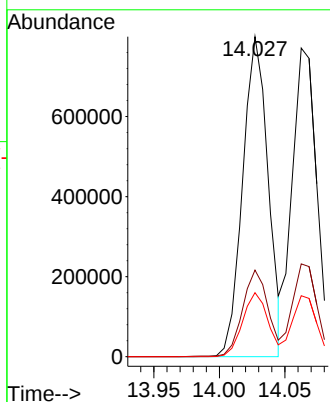
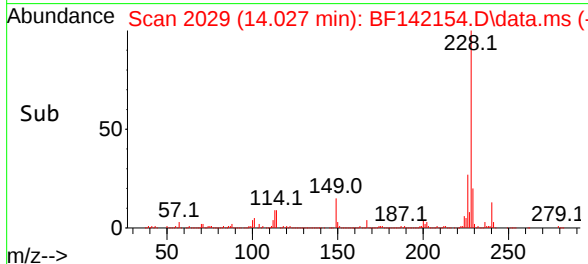


Tgt Ion:228 Resp: 1079150
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.8
229 20.0 16.0 24.0

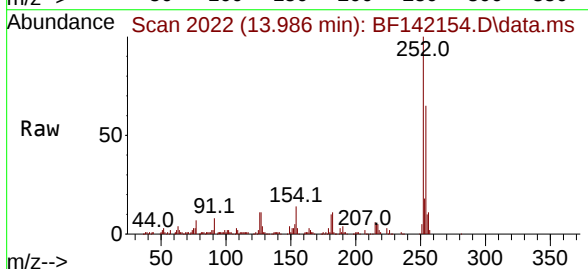
Manual Integrations

APPROVED

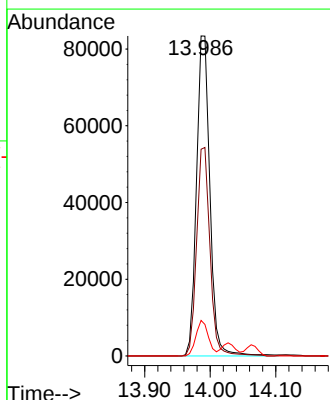
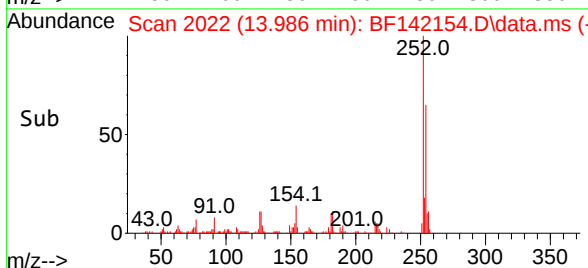
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025

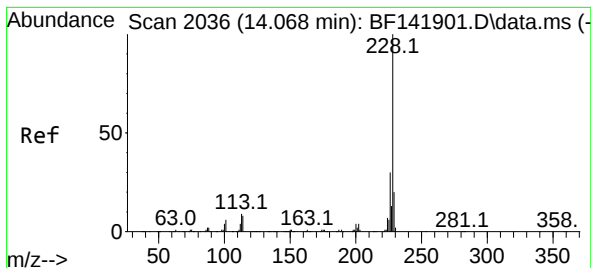


#82
3,3'-Dichlorobenzidine
Concen: 18.494 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF142154.D
Acq: 28 Mar 2025 12:02



Tgt Ion:252 Resp: 118926
Ion Ratio Lower Upper
252 100
254 64.6 51.0 76.6
126 11.1 8.4 12.6





#83

Chrysene

Concen: 49.691 ng

RT: 14.062 min Scan# 2036

Delta R.T. -0.006 min

Lab File: BF142154.D

Acq: 28 Mar 2025 12:02

Instrument :

BNA_F

ClientSampleId :

PB167349BS

Tgt Ion:228 Resp: 100229

Ion Ratio Lower Upper

228 100

226 30.1 24.1 36.1

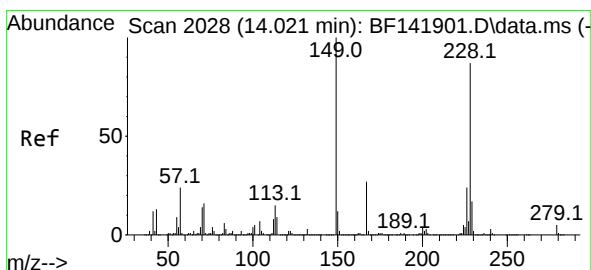
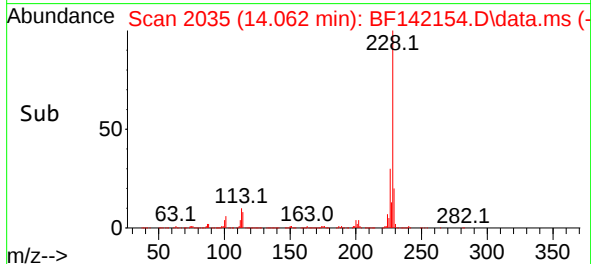
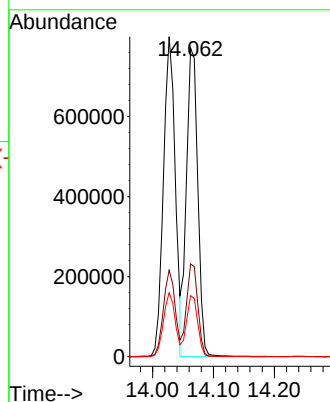
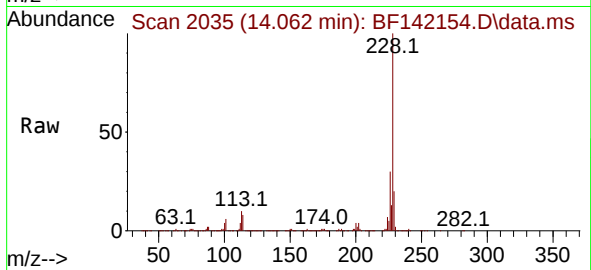
229 19.7 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/31/2025

Supervised By :Jagrut Upadhyay 03/31/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.476 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.012 min

Lab File: BF142154.D

Acq: 28 Mar 2025 12:02

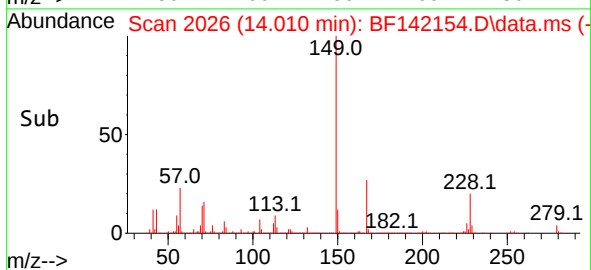
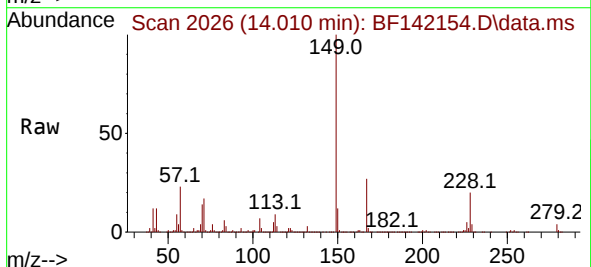
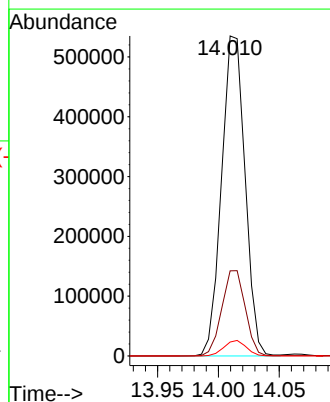
Tgt Ion:149 Resp: 719866

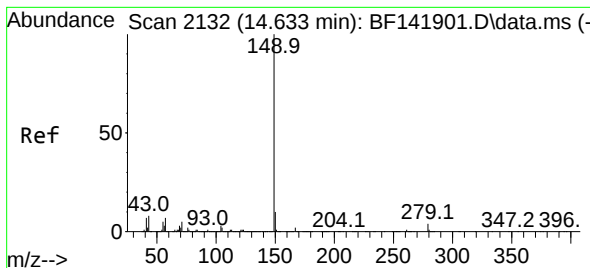
Ion Ratio Lower Upper

149 100

167 26.6 21.4 32.0

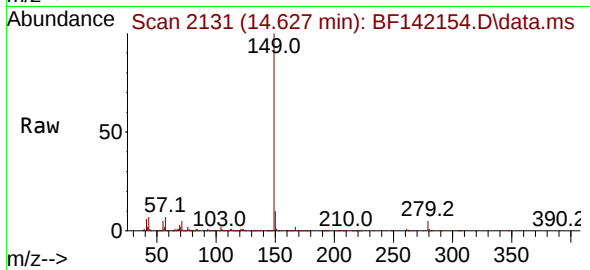
279 4.4 3.8 5.6





#85
Di-n-octyl phthalate
Concen: 49.402 ng
RT: 14.627 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BF142154.D
Acq: 28 Mar 2025 12:02

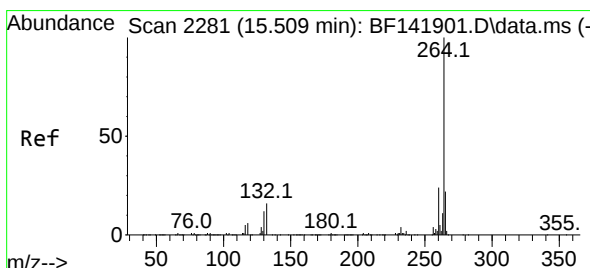
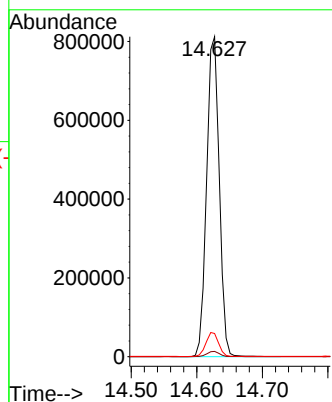
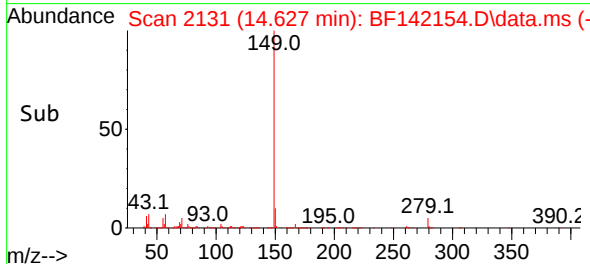
Instrument :
BNA_F
ClientSampleId :
PB167349BS



Tgt Ion:149 Resp: 1088094
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 7.6 6.9 10.3

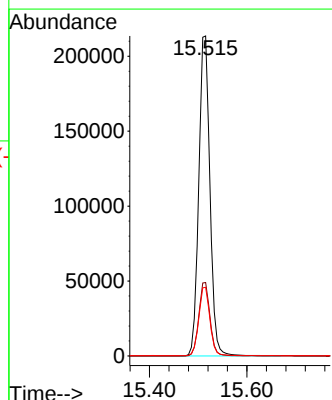
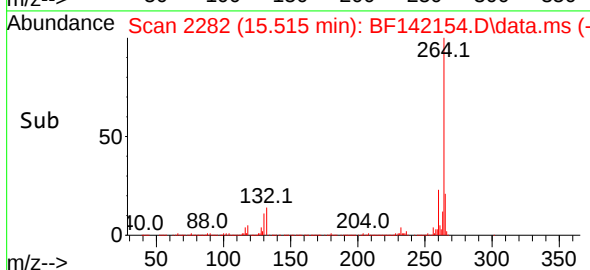
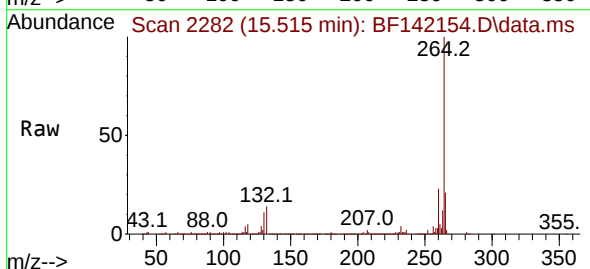
Manual Integrations
APPROVED

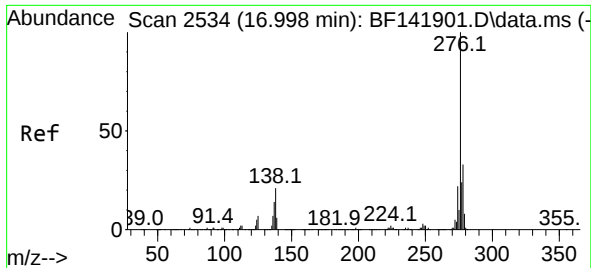
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2282
Delta R.T. 0.006 min
Lab File: BF142154.D
Acq: 28 Mar 2025 12:02

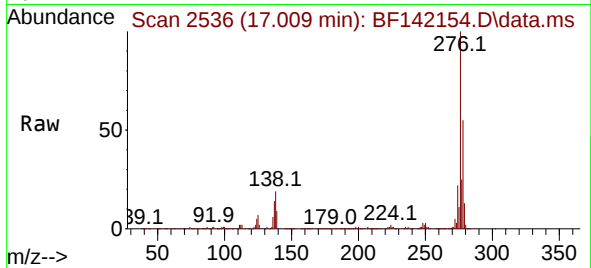
Tgt Ion:264 Resp: 340958
Ion Ratio Lower Upper
264 100
260 23.0 19.1 28.7
265 21.5 17.5 26.3





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.549 ng
 RT: 17.009 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF142154.D
 Acq: 28 Mar 2025 12:02

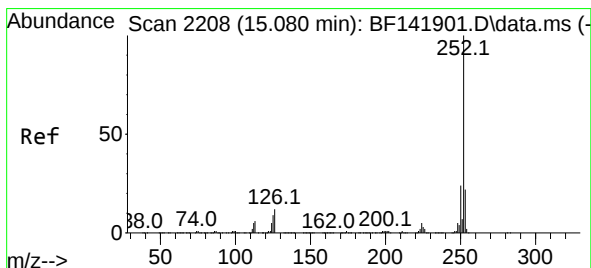
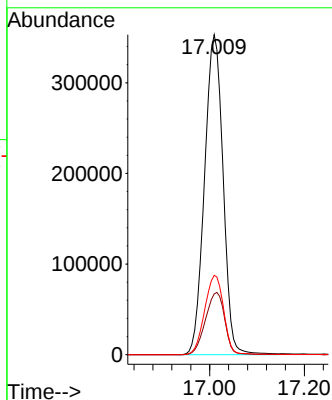
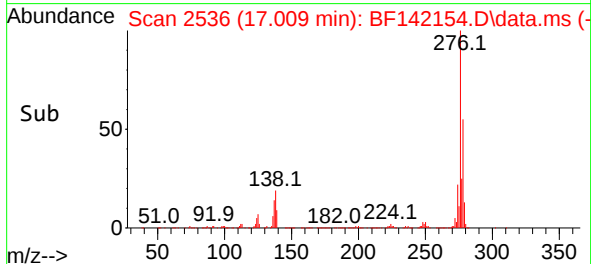
Instrument :
 BNA_F
 ClientSampleId :
 PB167349BS



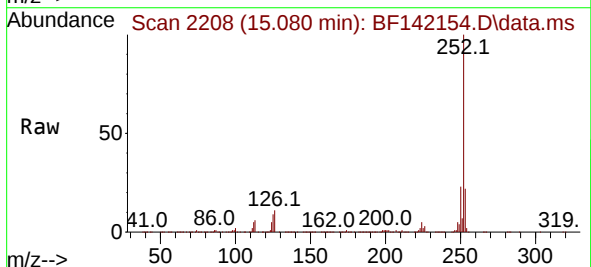
Tgt Ion:276 Resp: 96052
 Ion Ratio Lower Upper
 276 100
 138 20.2 18.4 27.6
 277 25.5 20.3 30.5

Manual Integrations
 APPROVED

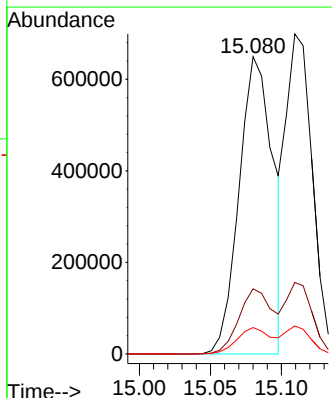
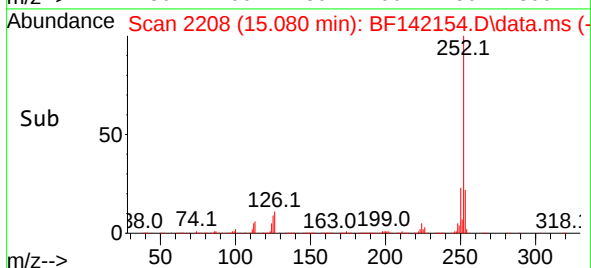
Reviewed By :Anahy Claudio 03/31/2025
 Supervised By :Jagrut Upadhyay 03/31/2025

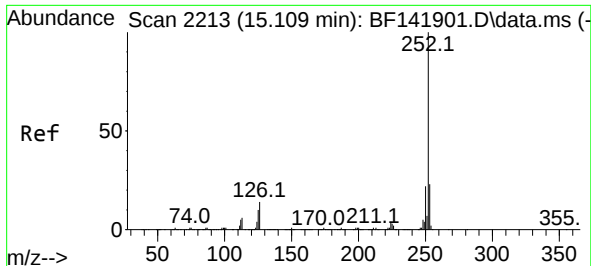


#88
 Benzo(b)fluoranthene
 Concen: 46.278 ng
 RT: 15.080 min Scan# 2208
 Delta R.T. -0.000 min
 Lab File: BF142154.D
 Acq: 28 Mar 2025 12:02



Tgt Ion:252 Resp: 1081421
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.5 26.3
 125 8.9 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 45.523 ng

RT: 15.109 min Scan# 2213

Delta R.T. -0.000 min

Lab File: BF142154.D

Acq: 28 Mar 2025 12:02

Instrument :

BNA_F

ClientSampleId :

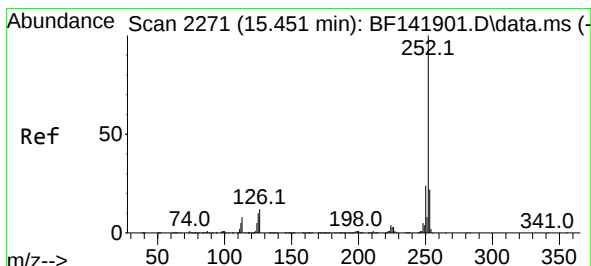
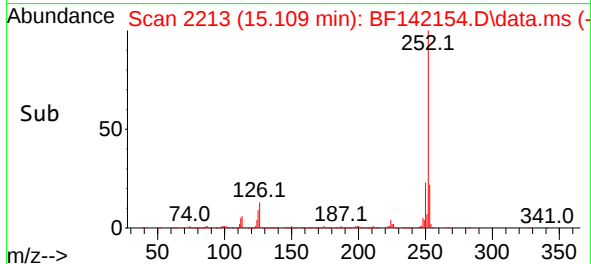
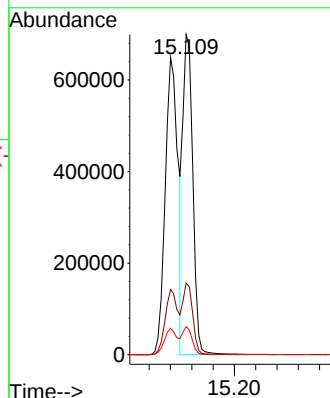
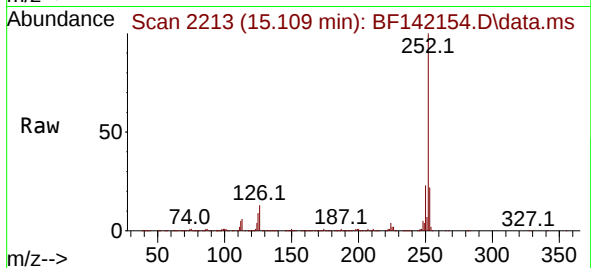
PB167349BS

Tgt Ion:252 Resp: 910352
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.7 26.5
 125 8.7 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/31/2025
 Supervised By :Jagrut Upadhyay 03/31/2025



#90

Benzo(a)pyrene

Concen: 51.723 ng

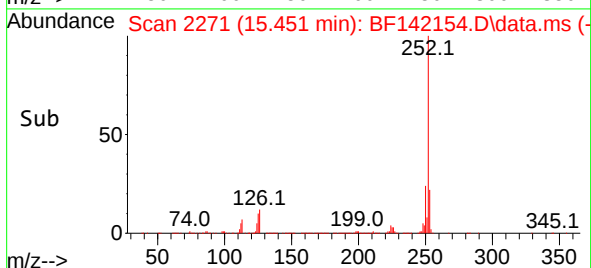
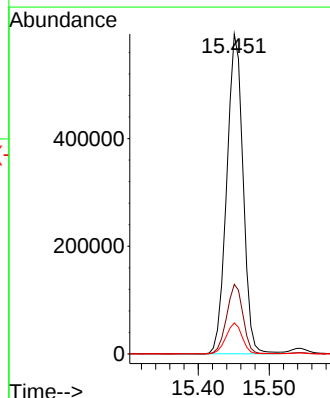
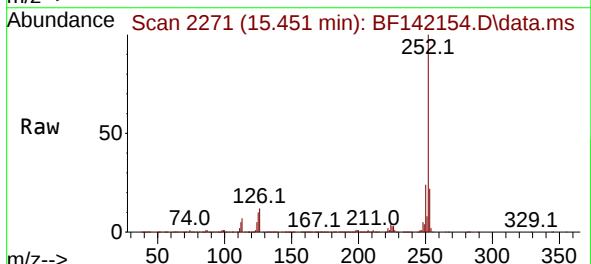
RT: 15.451 min Scan# 2271

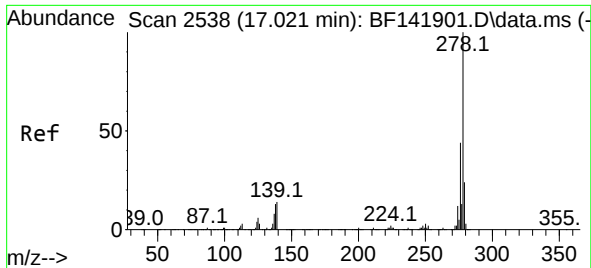
Delta R.T. 0.000 min

Lab File: BF142154.D

Acq: 28 Mar 2025 12:02

Tgt Ion:252 Resp: 945725
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.4 26.0
 125 9.7 7.8 11.8





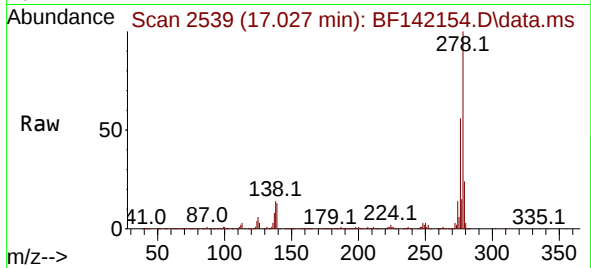
#91
Dibenzo(a,h)anthracene
Concen: 42.791 ng
RT: 17.027 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF142154.D
Acq: 28 Mar 2025 12:02

Instrument :

BNA_F

ClientSampleId :

PB167349BS

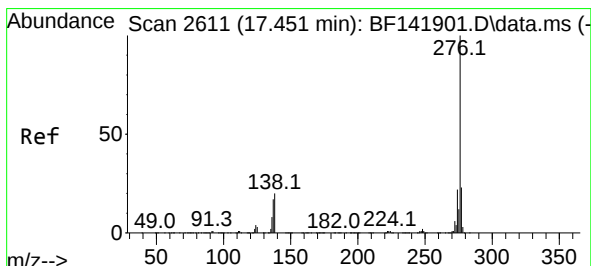
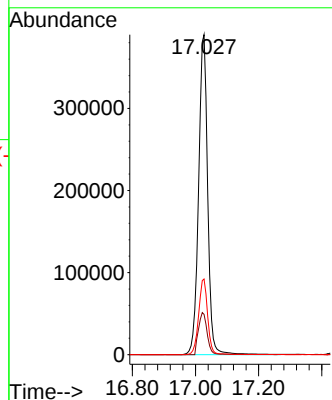
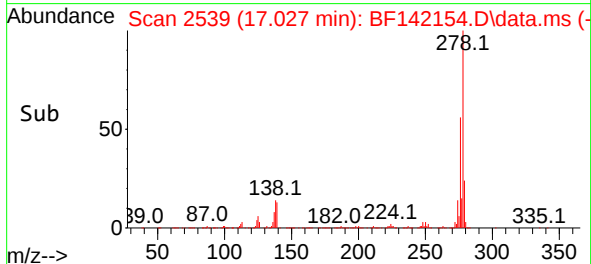


Tgt Ion:278 Resp: 778712
Ion Ratio Lower Upper
278 100
139 12.6 11.4 17.2
279 23.7 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025



#92
Benzo(g,h,i)perylene
Concen: 41.156 ng
RT: 17.456 min Scan# 2612
Delta R.T. 0.006 min
Lab File: BF142154.D
Acq: 28 Mar 2025 12:02

Tgt Ion:276 Resp: 740111
Ion Ratio Lower Upper
276 100
277 23.8 18.7 28.1
138 17.7 15.8 23.8

