

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032825\
 Data File : BF142157.D
 Acq On : 28 Mar 2025 13:38
 Operator : RC/JU
 Sample : Q1642-02MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAT-1-032525MS

Manual Integrations
 APPROVED

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

Quant Time: Mar 28 14:11:51 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	6.875	152	131841	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	535654	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	315756	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	524800	20.000	ng	0.00
76) Chrysene-d12	14.039	240	299750	20.000	ng	0.00
86) Perylene-d12	15.515	264	332592	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	982099	124.323	ng	0.01
7) Phenol-d6	6.504	99	1171517	116.477	ng	0.00
23) Nitrobenzene-d5	7.439	82	886322	93.117	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	627899	156.748	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1961602	94.479	ng	-0.01
79) Terphenyl-d14	12.980	244	2025533	99.905	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.816	88	128971	38.965	ng	# 83
3) Pyridine	3.534	79	313445	38.606	ng	97
4) n-Nitrosodimethylamine	3.469	42	172165	44.484	ng	95
6) Aniline	6.539	93	152677	15.388	ng	94
8) 2-Chlorophenol	6.657	128	463662	52.922	ng	98
9) Benzaldehyde	6.428	77	150944	26.834	ng	97
10) Phenol	6.516	94	471515	44.561	ng	98
11) bis(2-Chloroethyl)ether	6.610	93	399736	50.311	ng	97
12) 1,3-Dichlorobenzene	6.816	146	400768	42.370	ng	99
13) 1,4-Dichlorobenzene	6.892	146	412393	43.091	ng	98
14) 1,2-Dichlorobenzene	7.039	146	409862	45.469	ng	99
15) Benzyl Alcohol	7.016	79	422319	51.938	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	404334	42.153	ng	88
17) 2-Methylphenol	7.128	107	373201	53.574	ng	98
18) Hexachloroethane	7.386	117	149791	41.739	ng	94
19) n-Nitroso-di-n-propyla...	7.286	70	313596	48.523	ng	99
20) 3+4-Methylphenols	7.281	107	469650	52.636	ng	# 80
22) Acetophenone	7.281	105	625343	48.750	ng	95
24) Nitrobenzene	7.457	77	472228	49.906	ng	98
25) Isophorone	7.698	82	903521	53.700	ng	98
26) 2-Nitrophenol	7.769	139	259030	55.776	ng	98
27) 2,4-Dimethylphenol	7.804	122	454080	71.008	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	539349	51.109	ng	99
29) 2,4-Dichlorophenol	8.010	162	438638	55.262	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	437881	50.059	ng	97
31) Naphthalene	8.175	128	1322495	48.063	ng	100
32) Benzoic acid	7.886	122	50309m	8.950	ng	
33) 4-Chloroaniline	8.222	127	66212	6.817	ng	98
34) Hexachlorobutadiene	8.292	225	277001	48.558	ng	99
35) Caprolactam	8.604	113	93762m	38.746	ng	
36) 4-Chloro-3-methylphenol	8.710	107	486894	54.990	ng	97
37) 2-Methylnaphthalene	8.869	142	876601	47.663	ng	100
38) 1-Methylnaphthalene	8.969	142	911647	51.367	ng	99
40) 1,2,4,5-Tetrachloroben...	9.033	216	507925	52.835	ng	98
41) Hexachlorocyclopentadiene	9.022	237	672707	178.801	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	355878	56.643	ng	99

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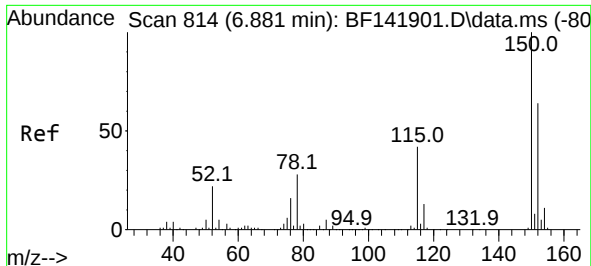
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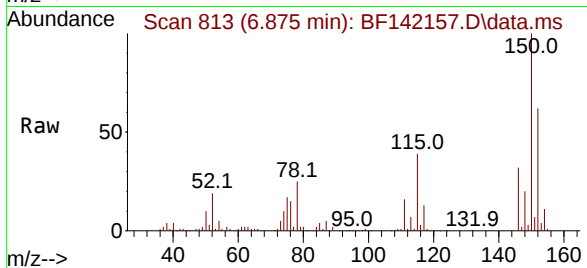
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	368896	57.973	ng	99
46) 1,1'-Biphenyl	9.333	154	1261956	52.600	ng	99
47) 2-Chloronaphthalene	9.357	162	953725	53.334	ng	99
48) 2-Nitroaniline	9.451	65	283823	54.817	ng	99
49) Acenaphthylene	9.775	152	1520545	57.300	ng	100
50) Dimethylphthalate	9.633	163	1222040	55.267	ng	100
51) 2,6-Dinitrotoluene	9.698	165	264428	57.436	ng	93
52) Acenaphthene	9.945	154	1033081	55.397	ng	99
53) 3-Nitroaniline	9.863	138	72758	15.580	ng	98
54) 2,4-Dinitrophenol	9.975	184	157925	61.986	ng	# 46
55) Dibenzofuran	10.116	168	1388299	52.100	ng	100
56) 4-Nitrophenol	10.027	139	329751	93.632	ng	96
57) 2,4-Dinitrotoluene	10.104	165	367649	61.141	ng	99
58) Fluorene	10.463	166	1113397	54.182	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	310242	53.579	ng	97
60) Diethylphthalate	10.333	149	1176925	53.380	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	600164	56.021	ng	96
62) 4-Nitroaniline	10.480	138	247947	54.536	ng	98
63) Azobenzene	10.610	77	1022011	49.858	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	147690	47.207	ng	97
66) n-Nitrosodiphenylamine	10.574	169	980838	57.755	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	392895	59.612	ng	98
68) Hexachlorobenzene	11.010	284	445370	61.611	ng	94
69) Atrazine	11.098	200	322664	61.977	ng	99
70) Pentachlorophenol	11.204	266	270351	60.701	ng	99
71) Phenanthrene	11.421	178	1597489	56.357	ng	100
72) Anthracene	11.474	178	1614316	56.765	ng	100
73) Carbazole	11.627	167	1350224	55.053	ng	99
74) Di-n-butylphthalate	11.957	149	1693504	52.039	ng	100
75) Fluoranthene	12.610	202	1454106	48.360	ng	99
77) Benzidine	12.733	184	111253	26.602	ng	# 56
78) Pyrene	12.839	202	1395745	53.830	ng	99
80) Butylbenzylphthalate	13.457	149	532988	52.518	ng	97
81) Benzo(a)anthracene	14.027	228	1109745	56.419	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	48155	8.472	ng	98
83) Chrysene	14.062	228	1017233	57.052	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	738046	52.745	ng	100
85) Di-n-octyl phthalate	14.627	149	1239364	63.657	ng	98
87) Indeno(1,2,3-cd)pyrene	17.015	276	1379563	64.121	ng	97
88) Benzo(b)fluoranthene	15.080	252	1170548	51.352	ng	99
89) Benzo(k)fluoranthene	15.109	252	994400	50.977	ng	100
90) Benzo(a)pyrene	15.451	252	1053281	59.054	ng	99
91) Dibenzo(a,h)anthracene	17.033	278	1145319	64.520	ng	98
92) Benzo(g,h,i)perylene	17.468	276	1062252	60.555	ng	97

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 814
 Delta R.T. -0.006 min
 Lab File: BF142157.D
 Acq: 28 Mar 2025 13:38

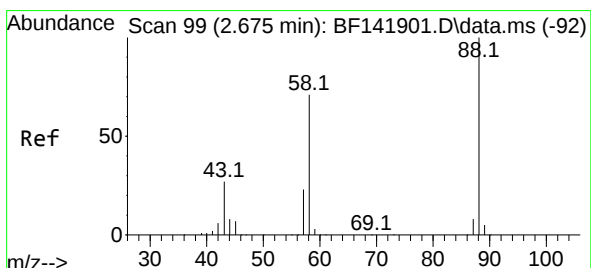
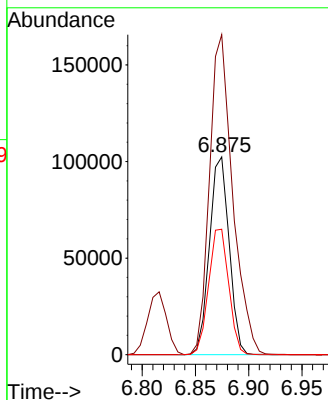
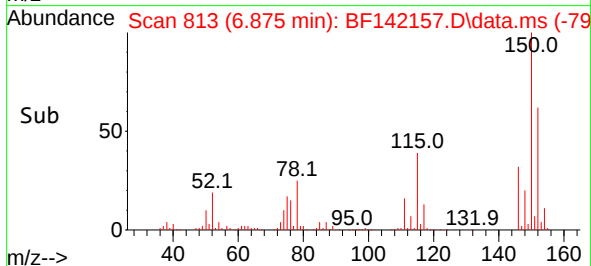
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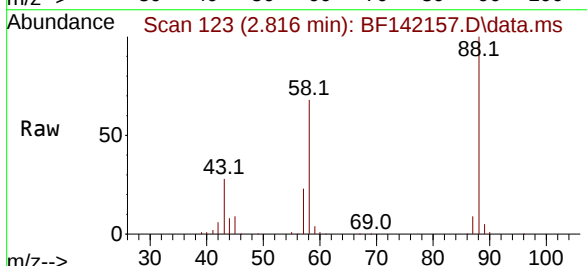
Tgt Ion:152 Resp: 13184
 Ion Ratio Lower Upper
 152 100
 150 161.8 127.4 191.2
 115 63.4 51.9 77.9

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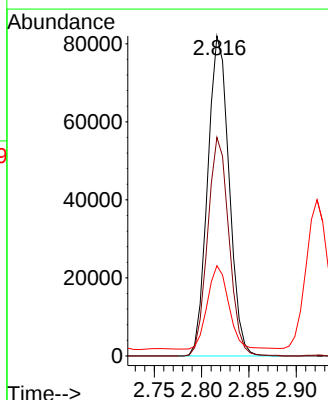
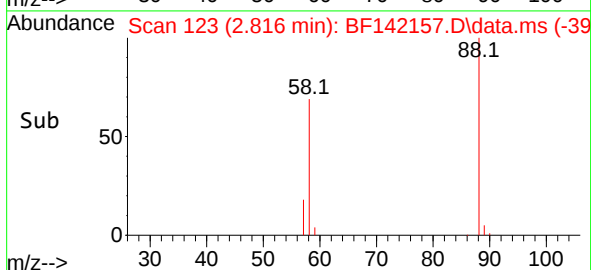
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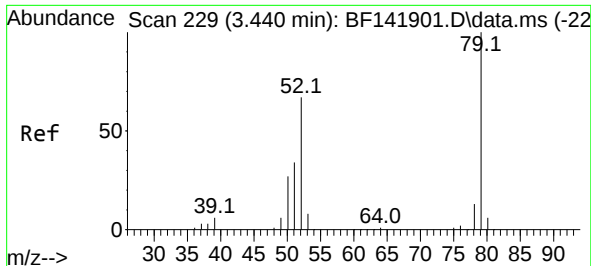


#2
 1,4-Dioxane
 Concen: 38.965 ng
 RT: 2.816 min Scan# 123
 Delta R.T. 0.141 min
 Lab File: BF142157.D
 Acq: 28 Mar 2025 13:38



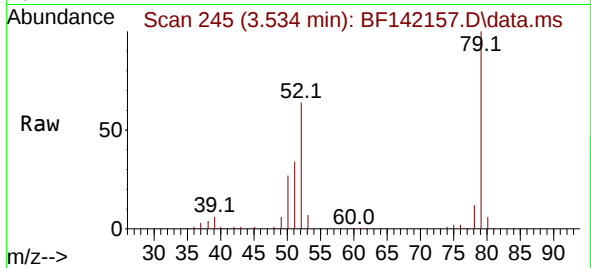
Tgt Ion: 88 Resp: 128971
 Ion Ratio Lower Upper
 88 100
 58 68.1 57.4 86.2
 43 0.0 21.5 32.3





#3
Pyridine
Concen: 38.606 ng
RT: 3.534 min Scan# 24
Delta R.T. 0.094 min
Lab File: BF142157.D
Acq: 28 Mar 2025 13:38

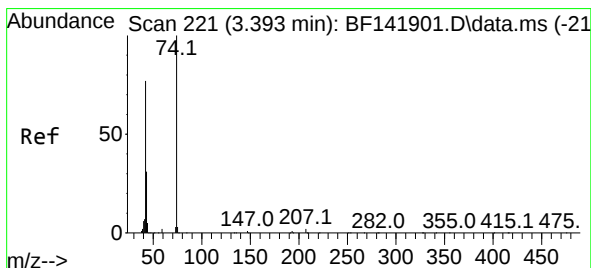
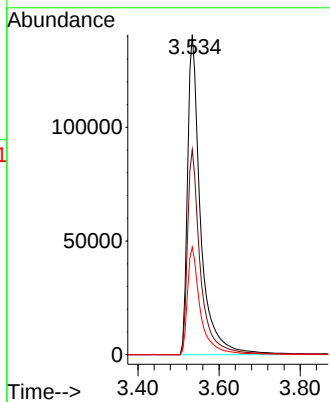
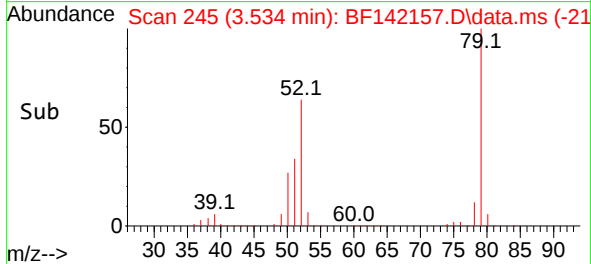
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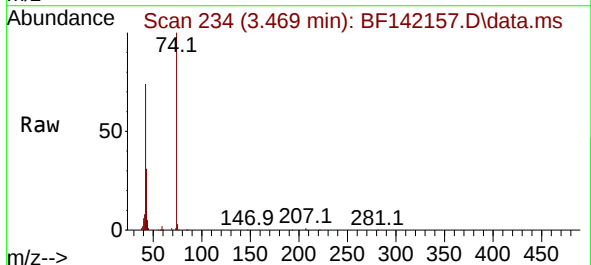
Tgt Ion: 79 Resp: 31344
Ion Ratio Lower Upper
79 100
52 64.1 53.3 79.9
51 33.6 27.6 41.4

Manual Integrations
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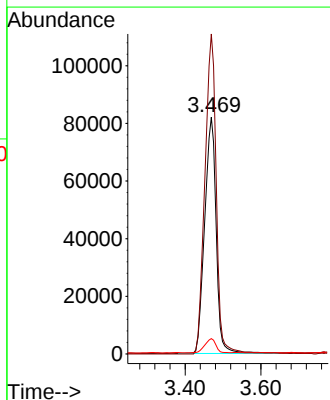
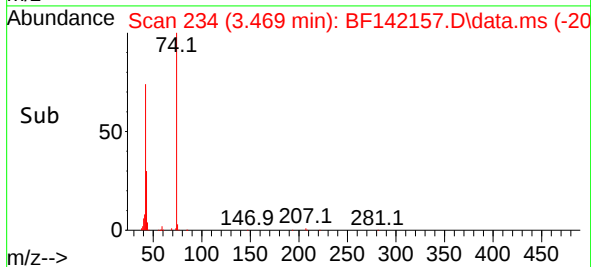
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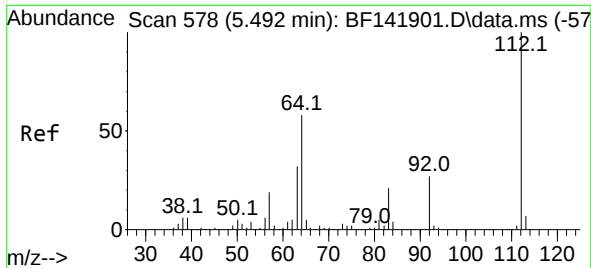


#4
n-Nitrosodimethylamine
Concen: 44.484 ng
RT: 3.469 min Scan# 234
Delta R.T. 0.076 min
Lab File: BF142157.D
Acq: 28 Mar 2025 13:38



Tgt Ion: 42 Resp: 172165
Ion Ratio Lower Upper
42 100
74 135.1 103.4 155.0
44 6.5 5.0 7.4





#5
2-Fluorophenol
Concen: 124.323 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF142157.D
Acq: 28 Mar 2025 13:38

Instrument :

BNA_F

ClientSampleId :

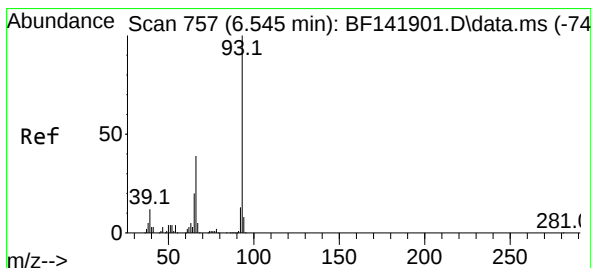
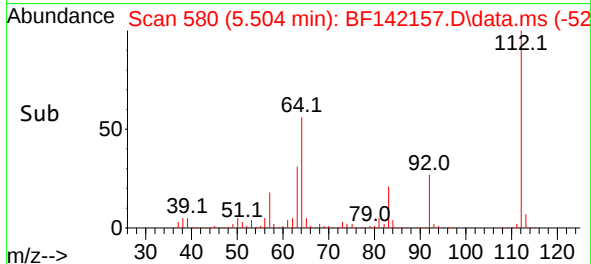
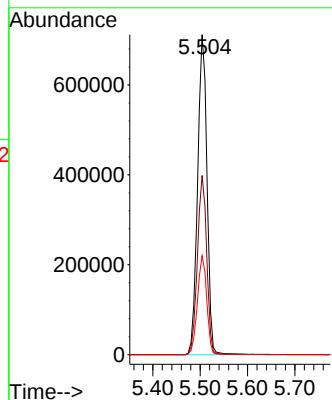
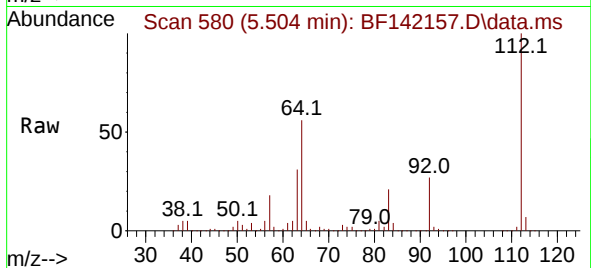
PAT-1-032525MS

Tgt Ion:112 Resp: 982099
Ion Ratio Lower Upper
112 100
64 56.0 46.5 69.7
63 31.0 25.4 38.2

Manual Integrations

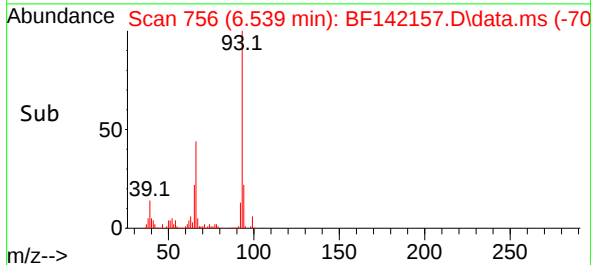
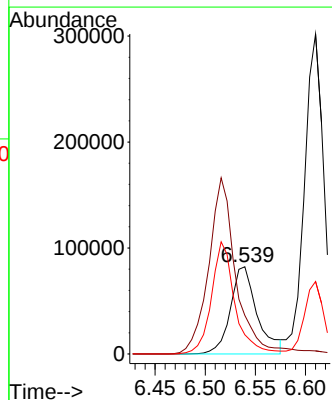
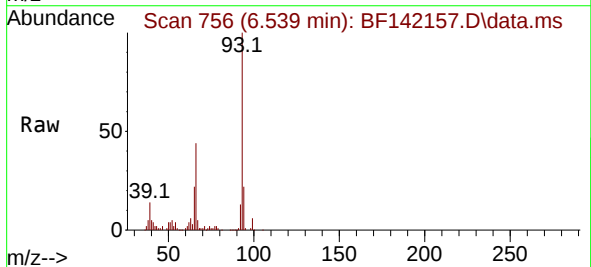
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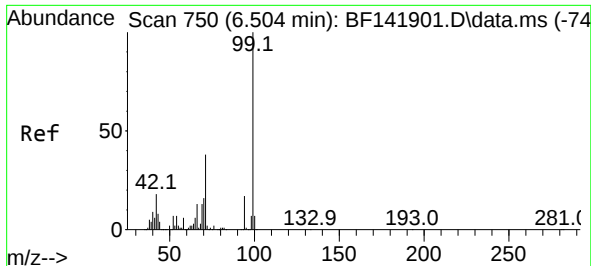
Reviewed By :Anahy Claudio 03/31/2025
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#6
Aniline
Concen: 15.388 ng
RT: 6.539 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF142157.D
Acq: 28 Mar 2025 13:38

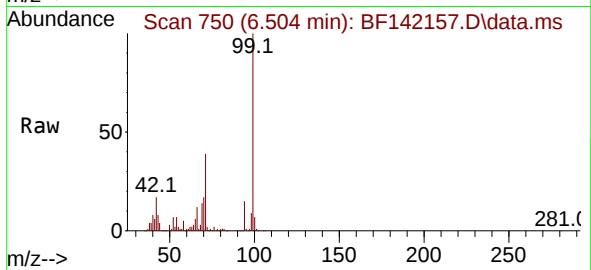
Tgt Ion: 93 Resp: 152677
Ion Ratio Lower Upper
93 100
66 44.2 31.9 47.9
65 22.1 15.8 23.6





#7
Phenol-d6
Concen: 116.477 ng
RT: 6.504 min Scan# 715
Delta R.T. -0.000 min
Lab File: BF142157.D
Acq: 28 Mar 2025 13:38

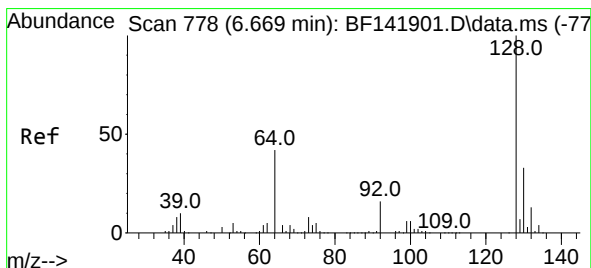
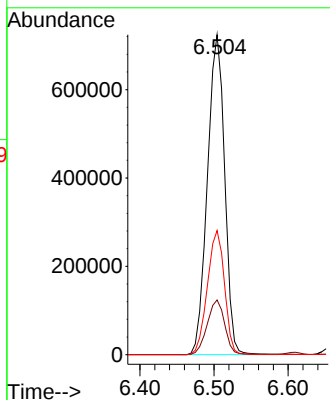
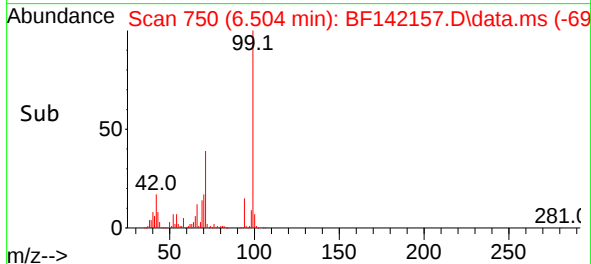
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Tgt Ion: 99 Resp: 117151
Ion Ratio Lower Upper
99 100
42 17.1 14.6 21.8
71 38.8 30.8 46.2

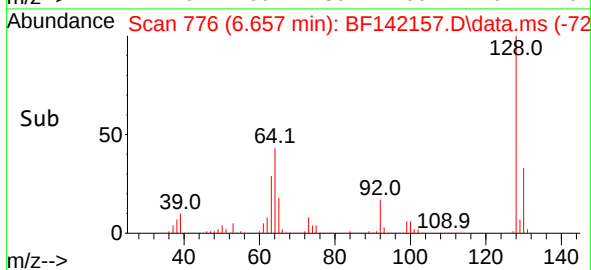
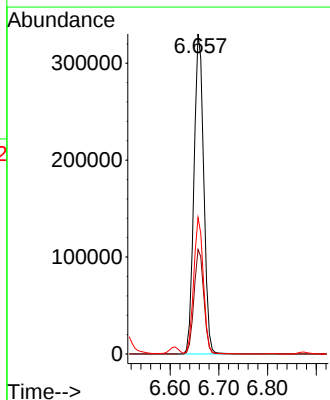
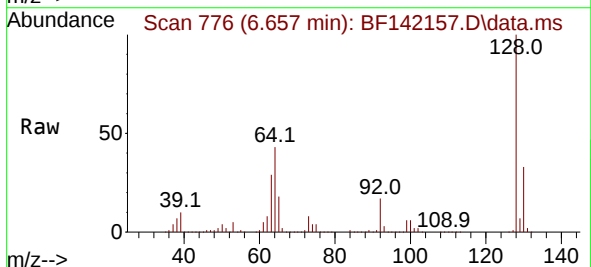
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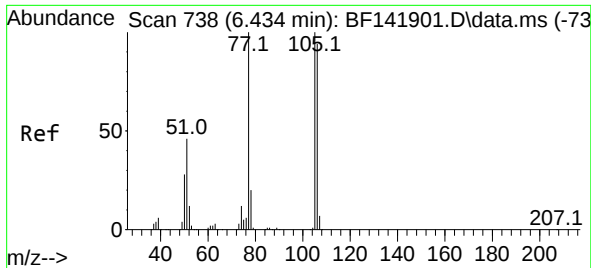
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#8
2-Chlorophenol
Concen: 52.922 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.012 min
Lab File: BF142157.D
Acq: 28 Mar 2025 13:38

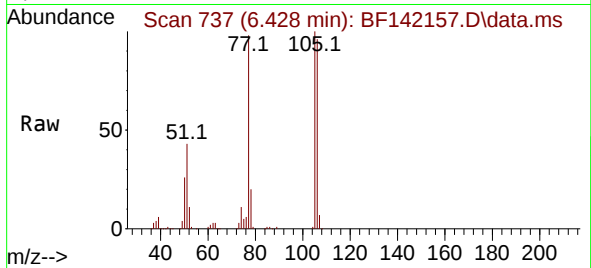
Tgt Ion:128 Resp: 463662
Ion Ratio Lower Upper
128 100
130 32.7 12.8 52.8
64 42.6 24.4 64.4





#9
Benzaldehyde
Concen: 26.834 ng
RT: 6.428 min Scan# 714
Delta R.T. -0.006 min
Lab File: BF142157.D
Acq: 28 Mar 2025 13:38

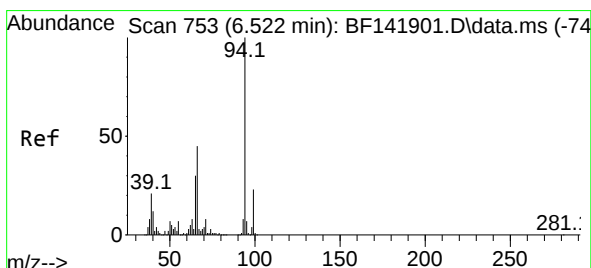
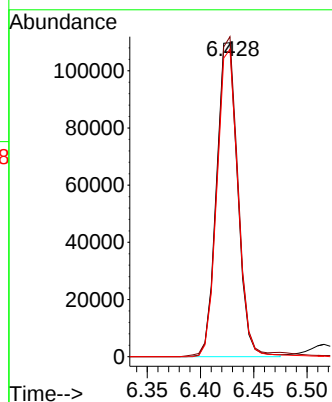
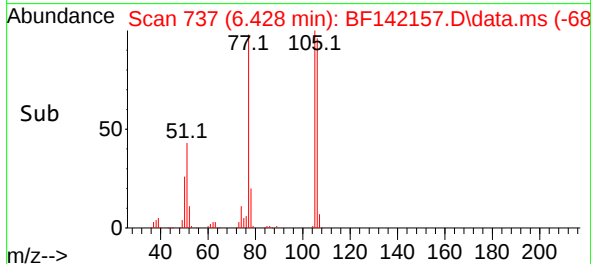
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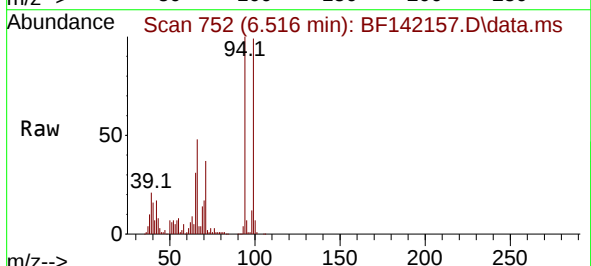
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Ion Ratio Lower Upper
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105 101.9 80.0 120.0
106 97.9 74.5 114.5

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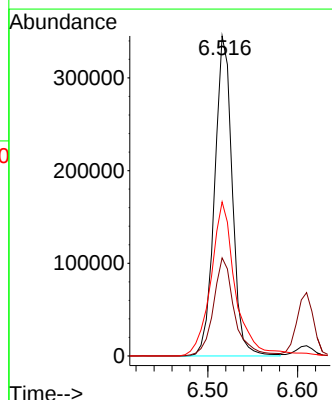
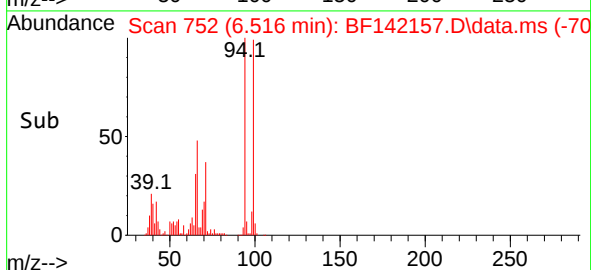
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025

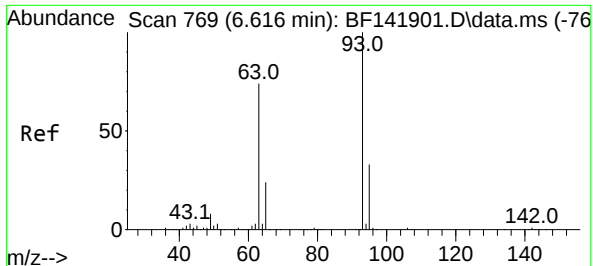


#10
Phenol
Concen: 44.561 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF142157.D
Acq: 28 Mar 2025 13:38



Tgt Ion: 94 Resp: 471515
Ion Ratio Lower Upper
94 100
65 30.6 10.5 50.5
66 48.1 25.8 65.8





#11

bis(2-Chloroethyl)ether

Concen: 50.311 ng

RT: 6.610 min Scan# 769

Delta R.T. -0.006 min

Lab File: BF142157.D

Acq: 28 Mar 2025 13:38

Instrument :

BNA_F

ClientSampleId :

PAT-1-032525MS

Tgt Ion: 93 Resp: 399730

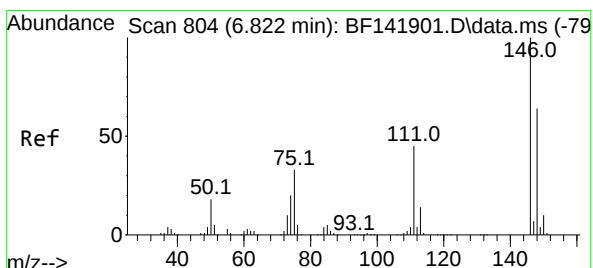
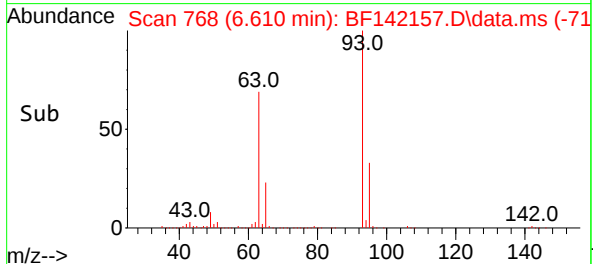
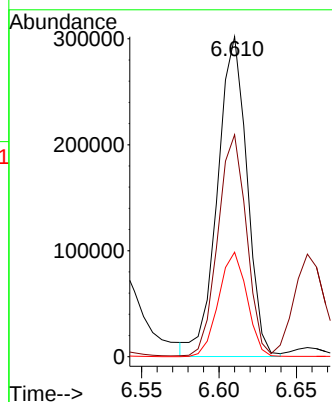
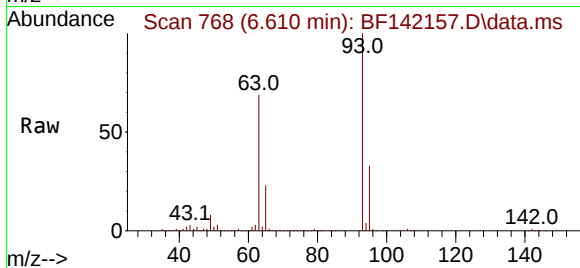
Ion	Ratio	Lower	Upper
93	100		
63	69.4	53.0	93.0
95	32.6	12.9	52.9

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/31/2025

Supervised By :Jagrut Upadhyay 03/31/2025



#12

1,3-Dichlorobenzene

Concen: 42.370 ng

RT: 6.816 min Scan# 803

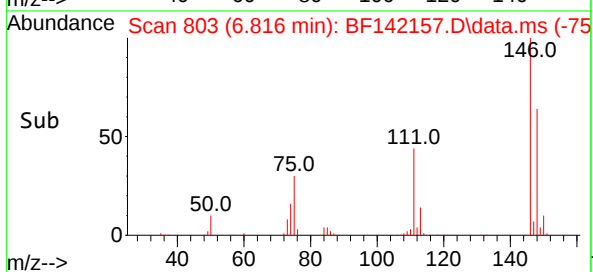
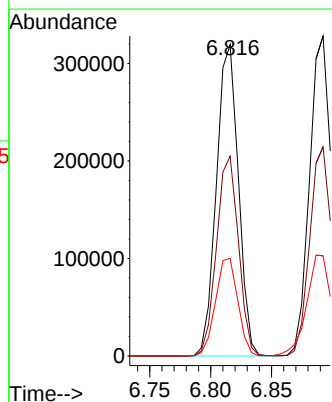
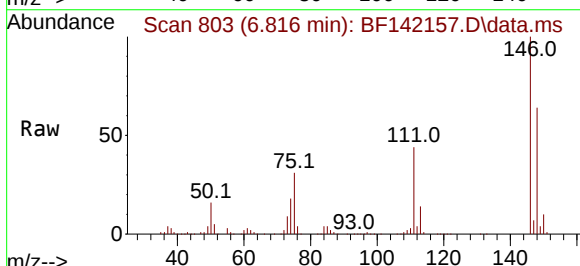
Delta R.T. -0.006 min

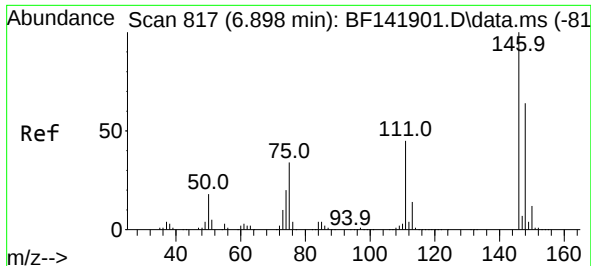
Lab File: BF142157.D

Acq: 28 Mar 2025 13:38

Tgt Ion:146 Resp: 400768

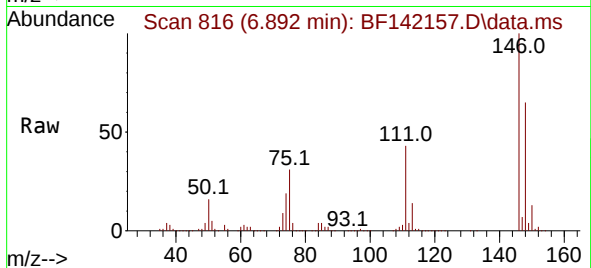
Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.3	76.9
75	31.4	26.6	40.0





#13
1,4-Dichlorobenzene
Concen: 43.091 ng
RT: 6.892 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142157.D
Acq: 28 Mar 2025 13:38

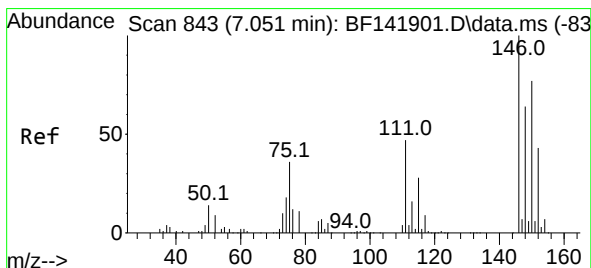
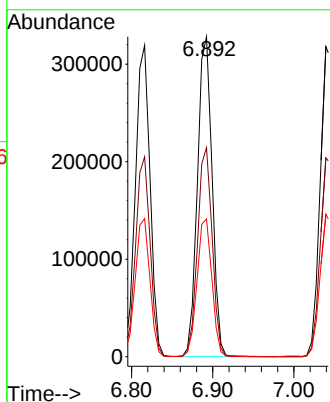
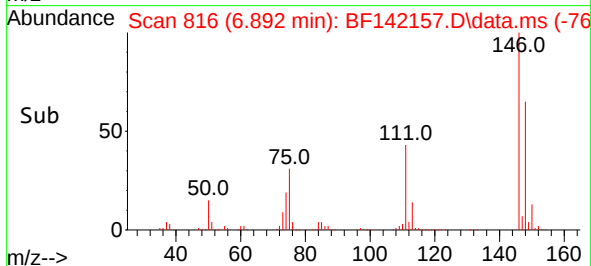
Instrument :
BNA_F
ClientSampleId :
PAT-1-032525MS



Tgt Ion:146 Resp: 41239
Ion Ratio Lower Upper
146 100
148 65.4 51.0 76.6
111 43.1 35.7 53.5

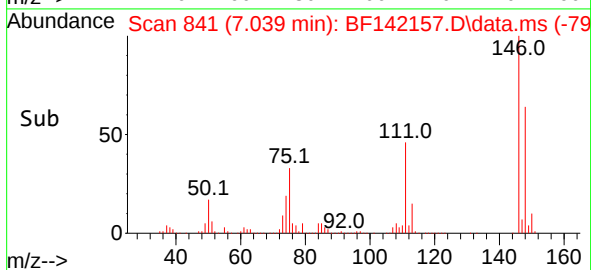
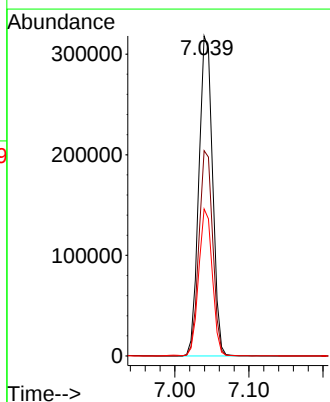
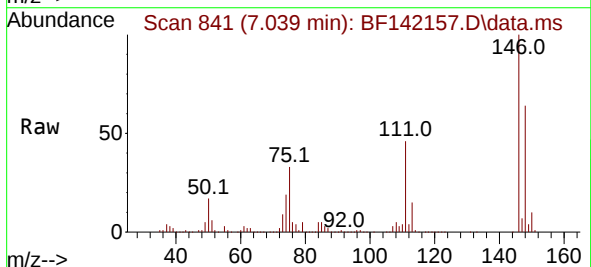
Manual Integrations
APPROVED

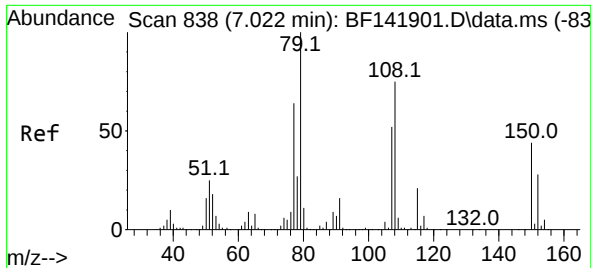
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025



#14
1,2-Dichlorobenzene
Concen: 45.469 ng
RT: 7.039 min Scan# 841
Delta R.T. -0.012 min
Lab File: BF142157.D
Acq: 28 Mar 2025 13:38

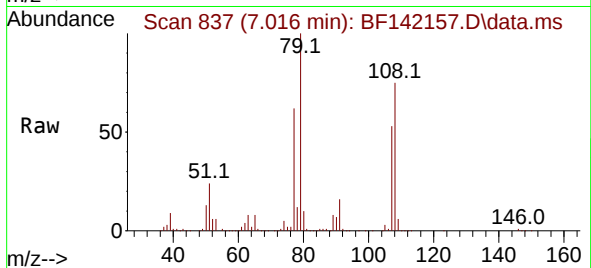
Tgt Ion:146 Resp: 409862
Ion Ratio Lower Upper
146 100
148 64.1 50.8 76.2
111 45.9 38.0 57.0





#15
Benzyl Alcohol
Concen: 51.938 ng
RT: 7.016 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF142157.D
Acq: 28 Mar 2025 13:38

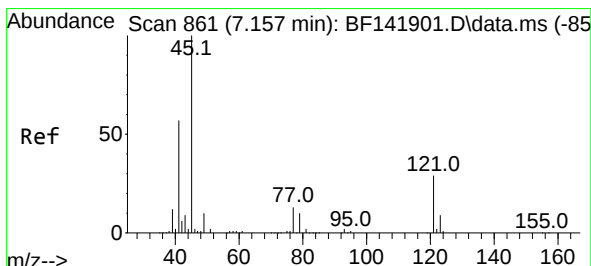
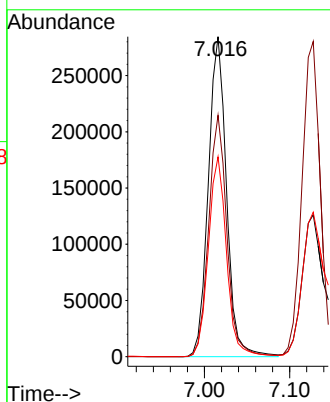
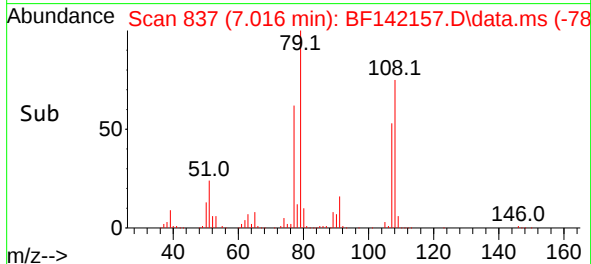
Instrument :
BNA_F
ClientSampleId :
PAT-1-032525MS



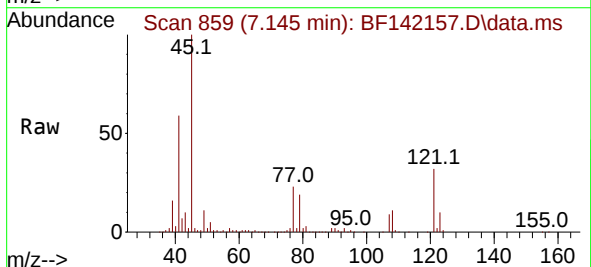
Tgt Ion: 79 Resp: 422319
Ion Ratio Lower Upper
79 100
108 75.5 59.7 89.5
77 62.5 51.0 76.6

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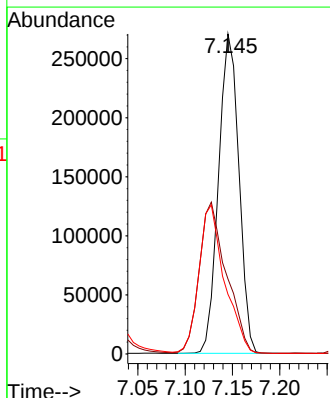
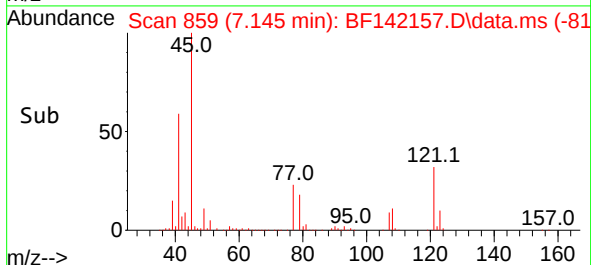
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025

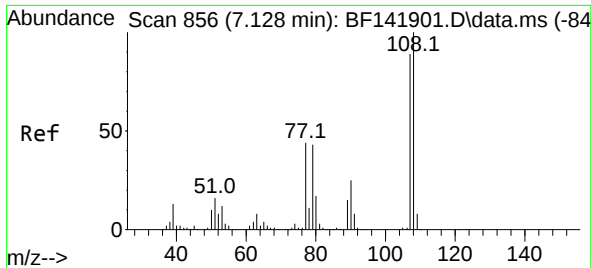


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.153 ng
RT: 7.145 min Scan# 859
Delta R.T. -0.012 min
Lab File: BF142157.D
Acq: 28 Mar 2025 13:38



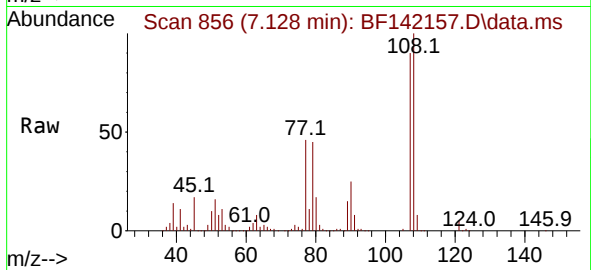
Tgt Ion: 45 Resp: 404334
Ion Ratio Lower Upper
45 100
77 23.5 0.0 37.8
79 18.7 0.0 34.2





#17
2-Methylphenol
Concen: 53.574 ng
RT: 7.128 min Scan# 856
Delta R.T. 0.000 min
Lab File: BF142157.D
Acq: 28 Mar 2025 13:38

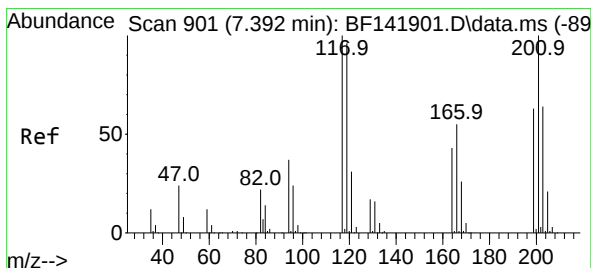
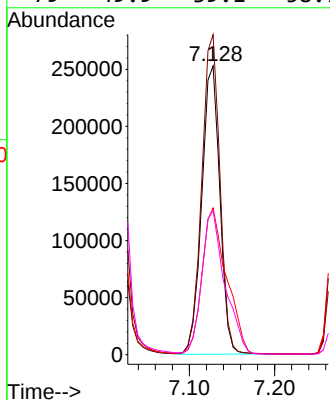
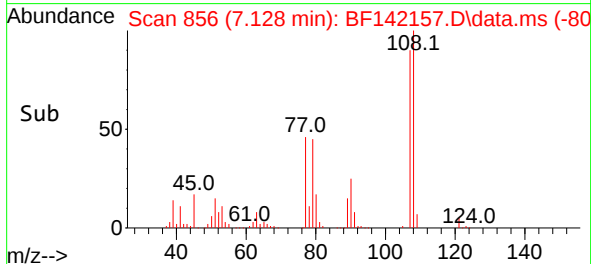
Instrument :
BNA_F
ClientSampleId :
PAT-1-032525MS



Tgt Ion:107 Resp: 37320
Ion Ratio Lower Upper
107 100
108 110.9 90.2 135.2
77 50.8 39.6 59.4
79 49.9 39.1 58.7

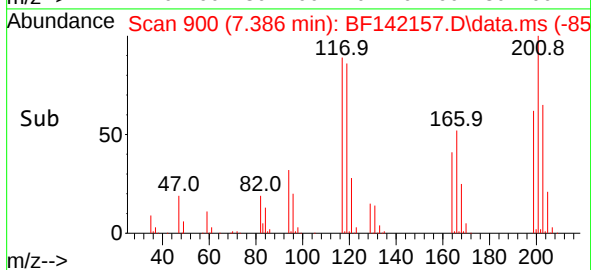
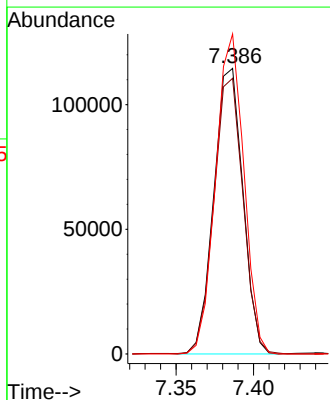
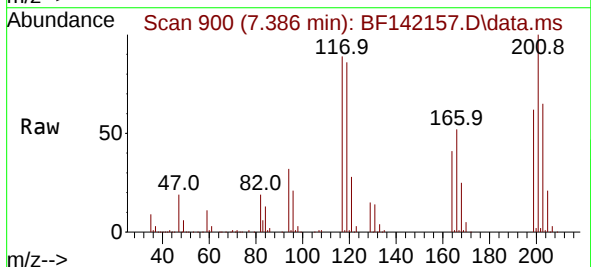
Manual Integrations
APPROVED

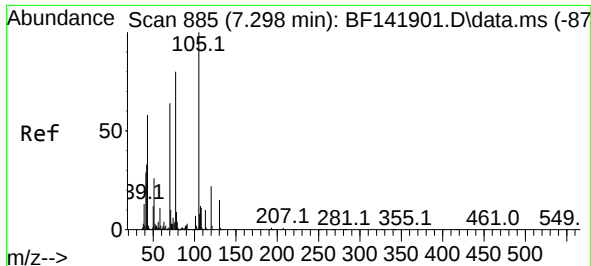
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025



#18
Hexachloroethane
Concen: 41.739 ng
RT: 7.386 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF142157.D
Acq: 28 Mar 2025 13:38

Tgt Ion:117 Resp: 149791
Ion Ratio Lower Upper
117 100
119 96.5 76.9 115.3
201 112.0 79.9 119.9





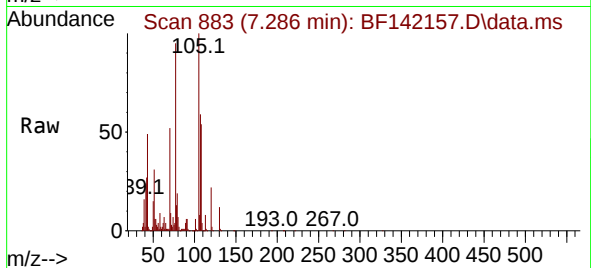
#19
n-Nitroso-di-n-propylamine
Concen: 48.523 ng
RT: 7.286 min Scan# 885
Delta R.T. -0.012 min
Lab File: BF142157.D
Acq: 28 Mar 2025 13:38

Instrument :

BNA_F

ClientSampleId :

PAT-1-032525MS

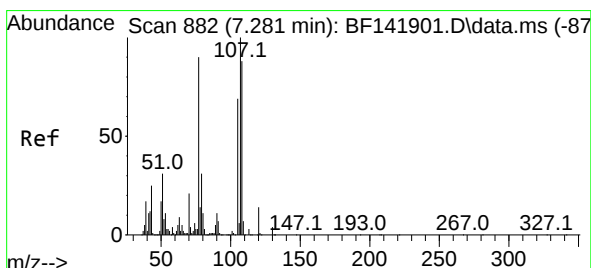
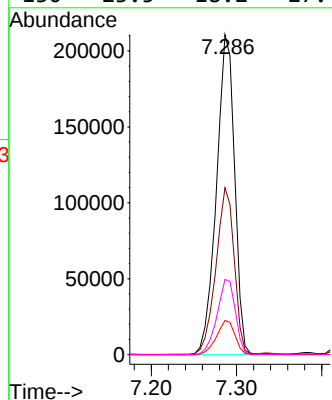
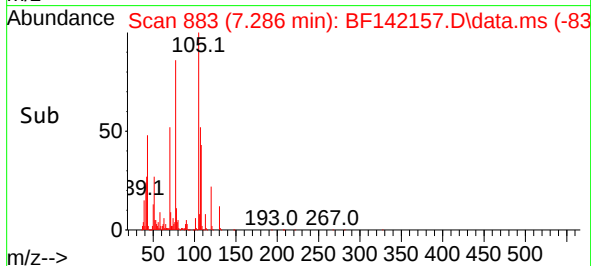


Tgt Ion: 70 Resp: 313590
Ion Ratio Lower Upper
70 100
42 52.1 41.4 62.0
101 10.7 8.2 12.2
130 23.5 18.2 27.4

Manual Integrations

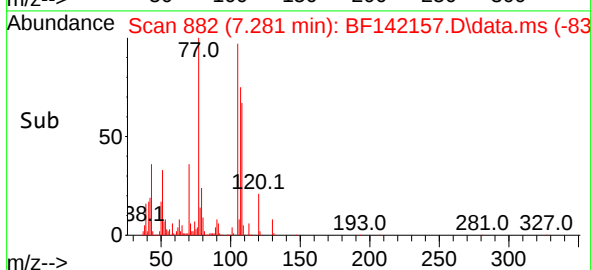
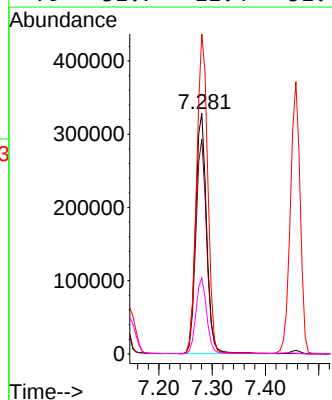
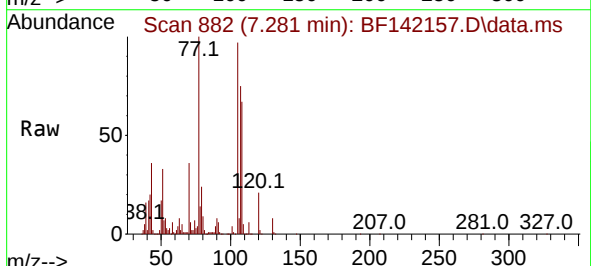
APPROVED

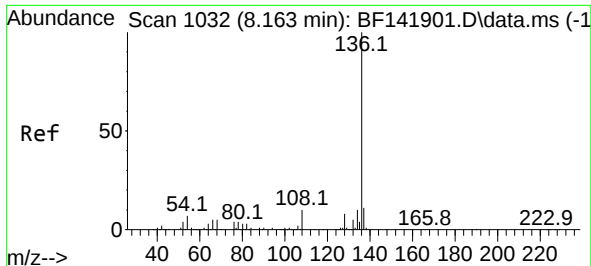
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025



#20
3+4-Methylphenols
Concen: 52.636 ng
RT: 7.281 min Scan# 882
Delta R.T. 0.000 min
Lab File: BF142157.D
Acq: 28 Mar 2025 13:38

Tgt Ion:107 Resp: 469650
Ion Ratio Lower Upper
107 100
108 89.3 68.4 108.4
77 133.1 69.7 109.7#
79 31.7 11.4 51.4





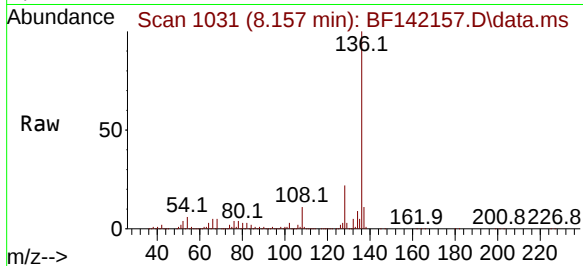
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF142157.D
Acq: 28 Mar 2025 13:38

Instrument :

BNA_F

ClientSampleId :

PAT-1-032525MS

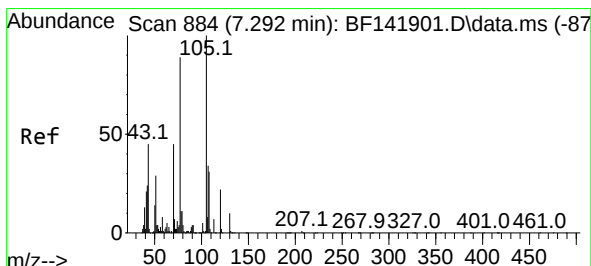
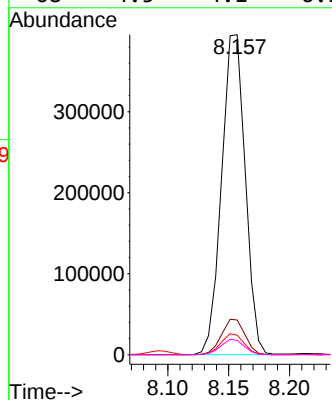
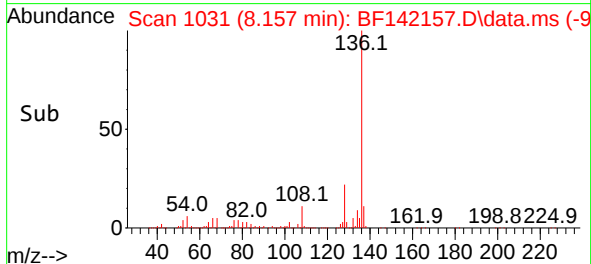


Tgt Ion:136 Resp: 535654
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.1 5.8 8.8
68 4.5 4.1 6.1

Manual Integrations

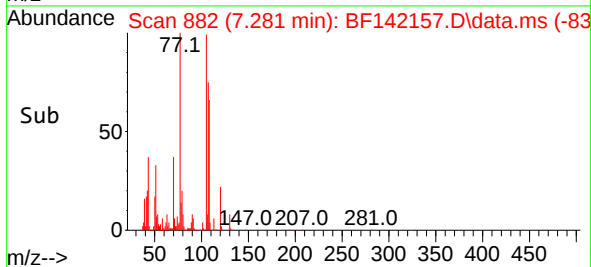
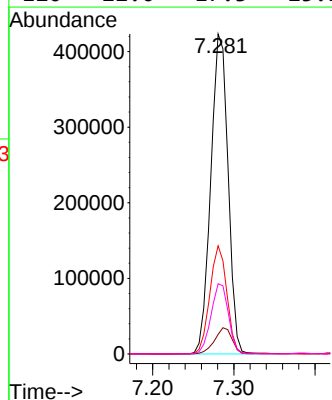
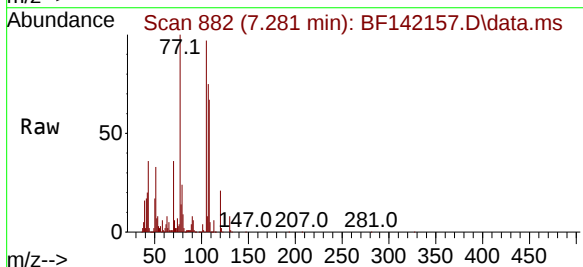
APPROVED

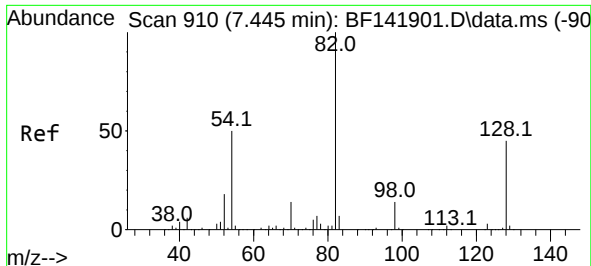
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025



#22
Acetophenone
Concen: 48.750 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.012 min
Lab File: BF142157.D
Acq: 28 Mar 2025 13:38

Tgt Ion:105 Resp: 625343
Ion Ratio Lower Upper
105 100
71 6.1 5.8 8.8
51 33.8 23.4 35.0
120 22.0 17.3 25.9





#23

Nitrobenzene-d5

Concen: 93.117 ng

RT: 7.439 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF142157.D

Acq: 28 Mar 2025 13:38

Instrument :

BNA_F

ClientSampleId :

PAT-1-032525MS

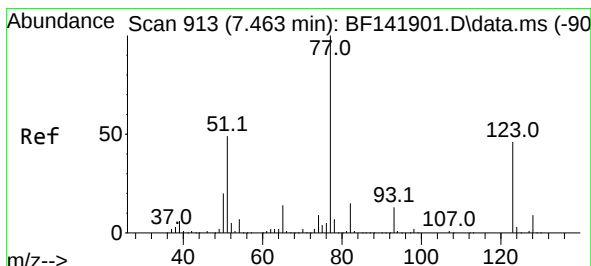
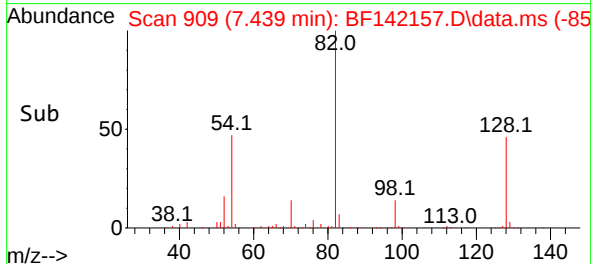
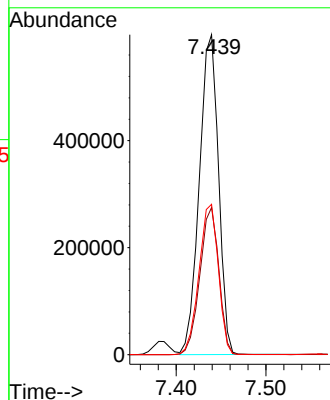
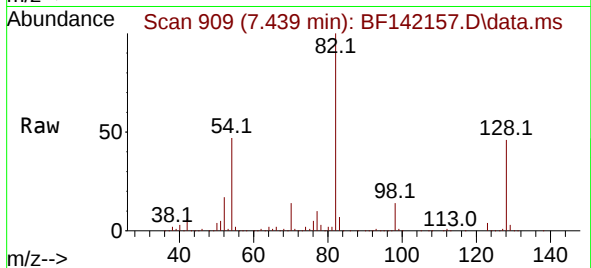
Tgt Ion: 82 Resp: 88632

Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.0	54.0
54	47.0	39.6	59.4

Manual Integrations

APPROVED

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



#24

Nitrobenzene

Concen: 49.906 ng

RT: 7.457 min Scan# 912

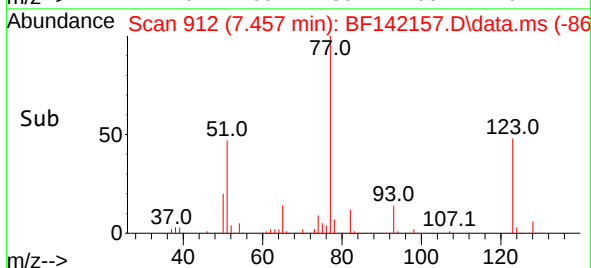
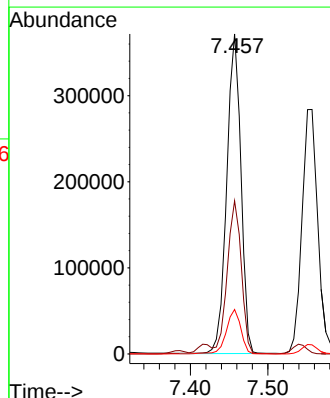
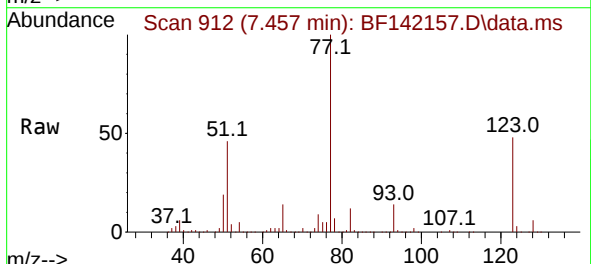
Delta R.T. -0.006 min

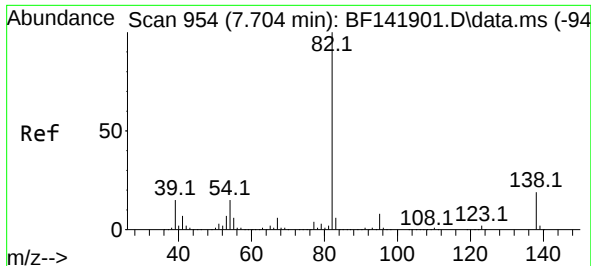
Lab File: BF142157.D

Acq: 28 Mar 2025 13:38

Tgt Ion: 77 Resp: 472228

Ion	Ratio	Lower	Upper
77	100		
123	47.9	37.0	55.4
65	13.9	11.3	16.9





#25
Isophorone
Concen: 53.700 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142157.D
Acq: 28 Mar 2025 13:38

Instrument :

BNA_F

ClientSampleId :

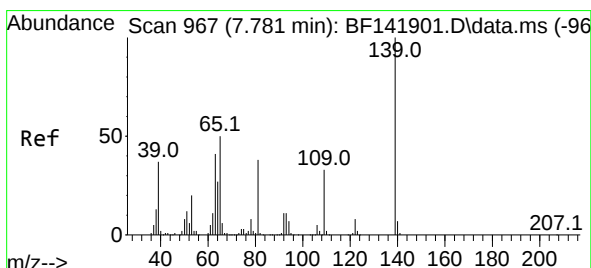
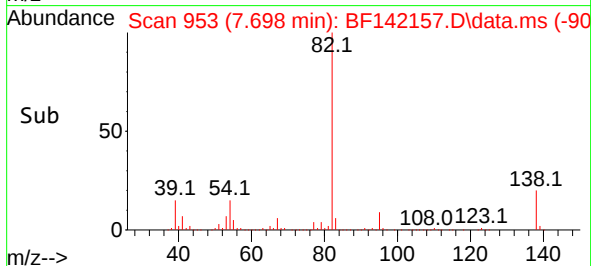
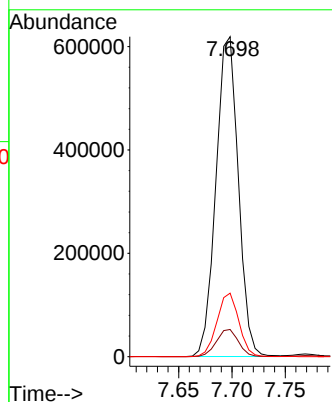
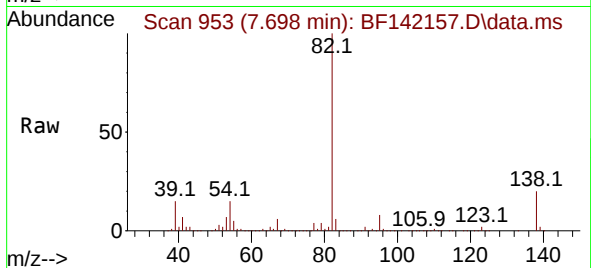
PAT-1-032525MS

Tgt Ion: 82 Resp: 90352
Ion Ratio Lower Upper
82 100
95 8.5 6.4 9.6
138 19.9 14.9 22.3

Manual Integrations

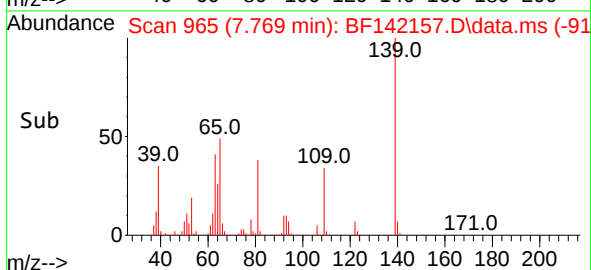
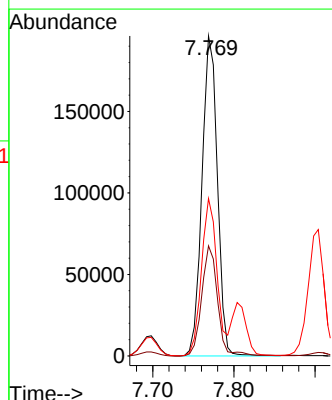
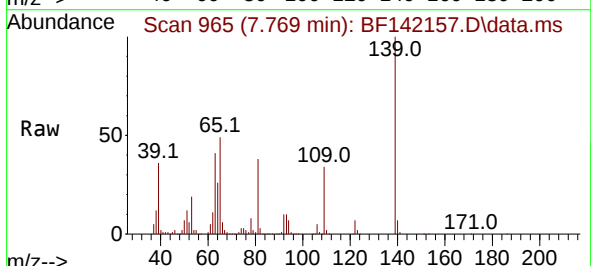
APPROVED

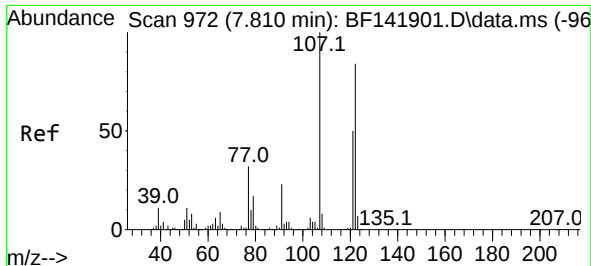
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025



#26
2-Nitrophenol
Concen: 55.776 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.012 min
Lab File: BF142157.D
Acq: 28 Mar 2025 13:38

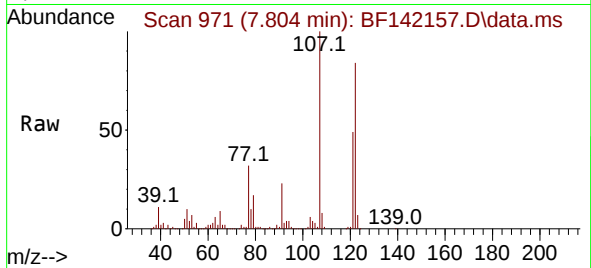
Tgt Ion:139 Resp: 259030
Ion Ratio Lower Upper
139 100
109 34.4 26.5 39.7
65 49.2 40.3 60.5





#27
2,4-Dimethylphenol
Concen: 71.008 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142157.D
Acq: 28 Mar 2025 13:38

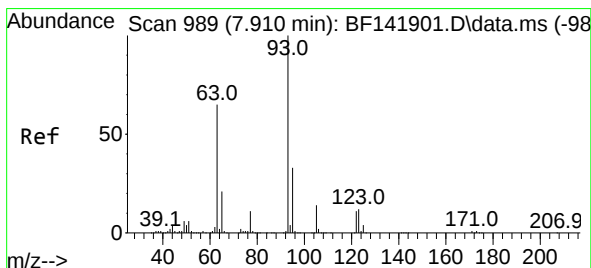
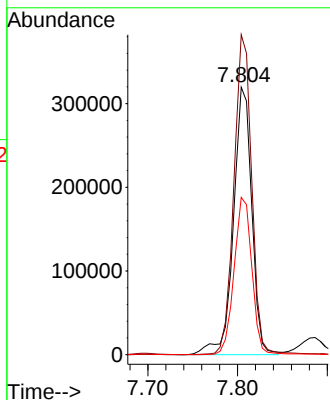
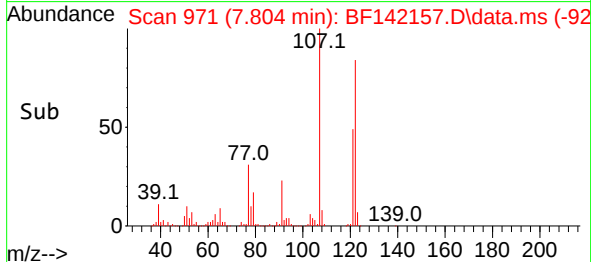
Instrument :
BNA_F
ClientSampleId :
PAT-1-032525MS



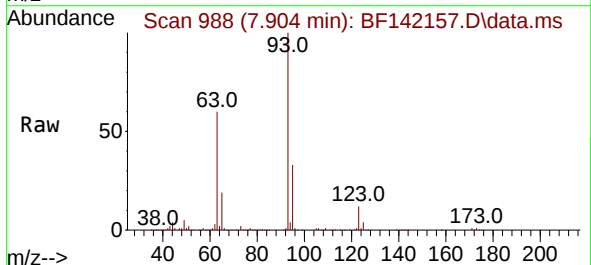
Tgt Ion:122 Resp: 454080
Ion Ratio Lower Upper
122 100
107 119.6 94.8 142.2
121 58.8 47.8 71.6

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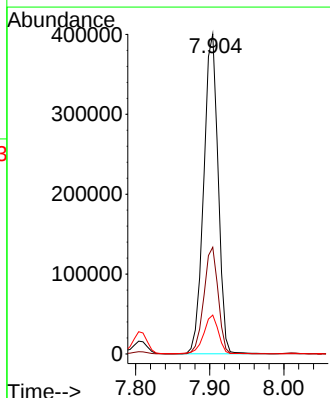
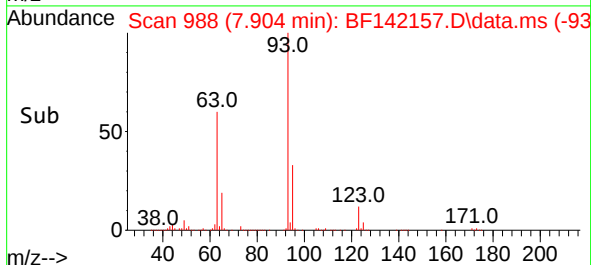
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025

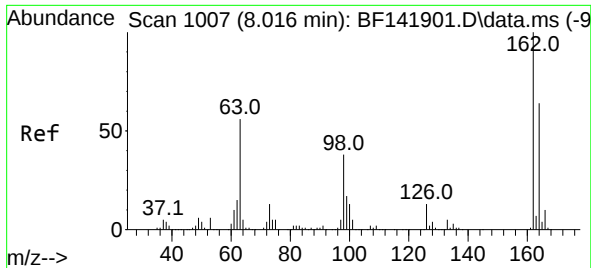


#28
bis(2-Chloroethoxy)methane
Concen: 51.109 ng
RT: 7.904 min Scan# 988
Delta R.T. -0.006 min
Lab File: BF142157.D
Acq: 28 Mar 2025 13:38



Tgt Ion: 93 Resp: 539349
Ion Ratio Lower Upper
93 100
95 33.3 26.6 40.0
123 12.1 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 55.262 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF142157.D

Acq: 28 Mar 2025 13:38

Instrument :

BNA_F

ClientSampleId :

PAT-1-032525MS

Tgt Ion:162 Resp: 438638

Ion Ratio Lower Upper

162 100

164 63.9 43.8 83.8

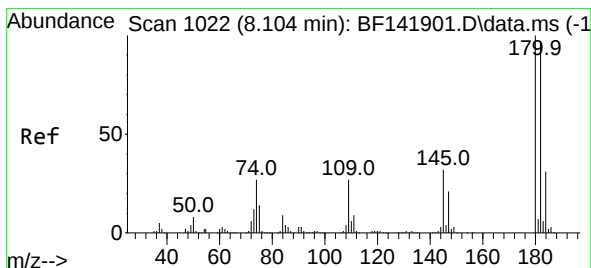
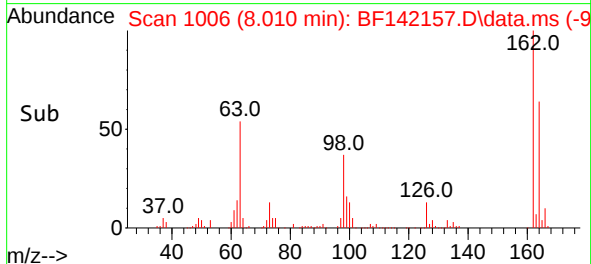
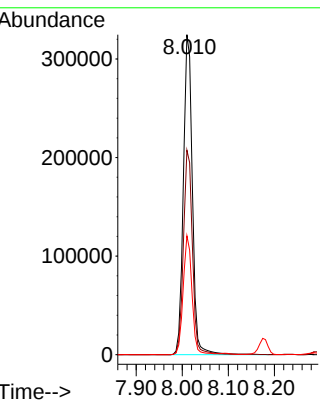
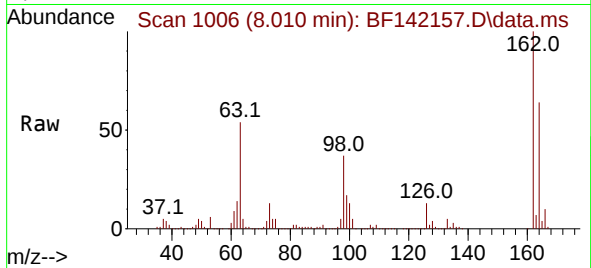
98 37.2 18.1 58.1

Manual Integrations

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Reviewed By :Anahy Claudio 03/31/2025

Supervised By :Jagrut Upadhyay 03/31/2025



#30

1,2,4-Trichlorobenzene

Concen: 50.059 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.012 min

Lab File: BF142157.D

Acq: 28 Mar 2025 13:38

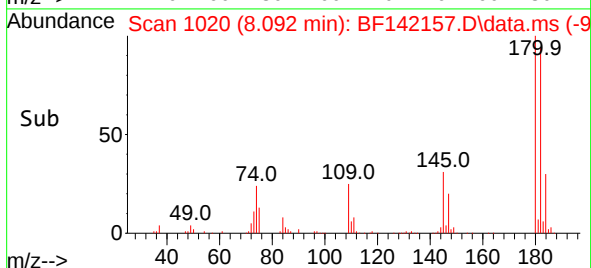
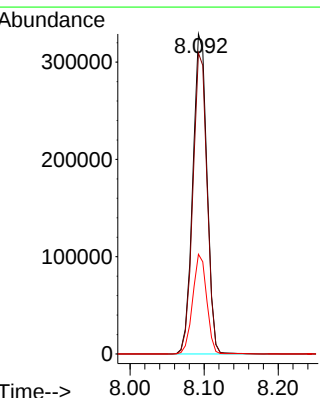
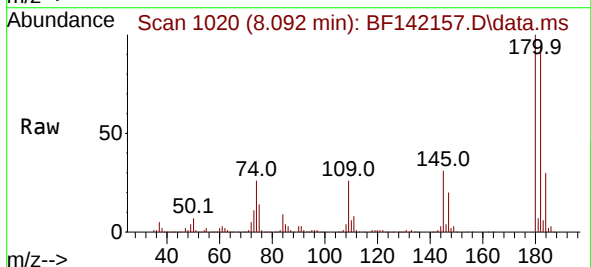
Tgt Ion:180 Resp: 437881

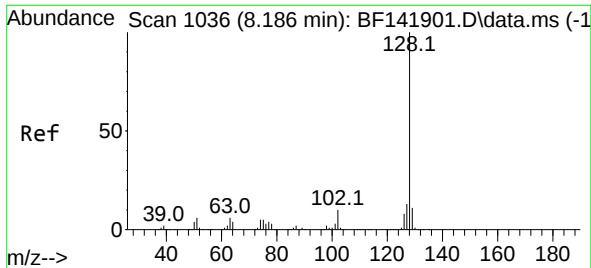
Ion Ratio Lower Upper

180 100

182 94.0 77.5 116.3

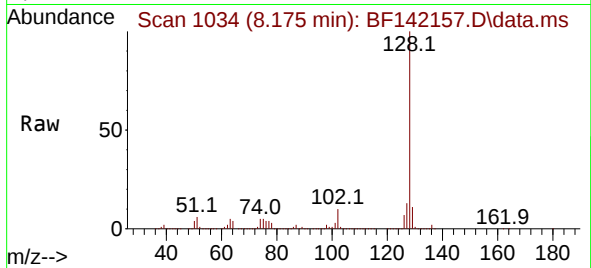
145 31.2 25.8 38.6





#31
Naphthalene
Concen: 48.063 ng
RT: 8.175 min Scan# 1036
Delta R.T. -0.012 min
Lab File: BF142157.D
Acq: 28 Mar 2025 13:38

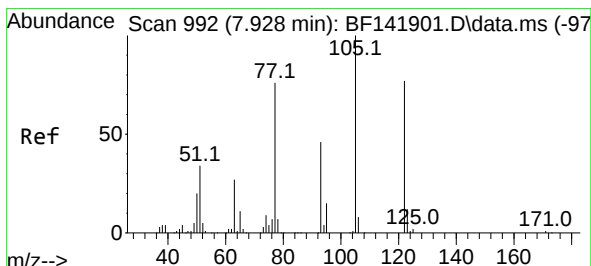
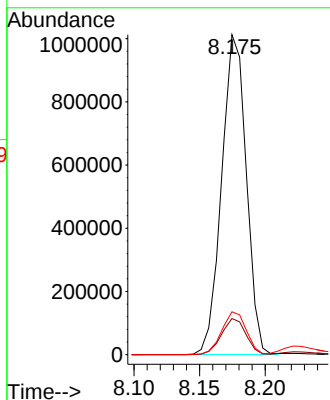
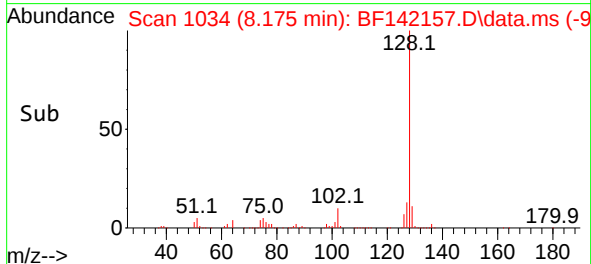
Instrument :
BNA_F
ClientSampleId :
PAT-1-032525MS



Tgt Ion:128 Resp: 132249
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.4 10.8 16.2

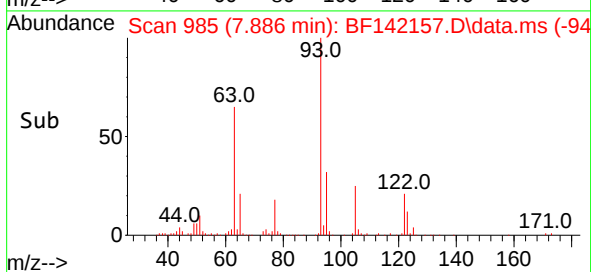
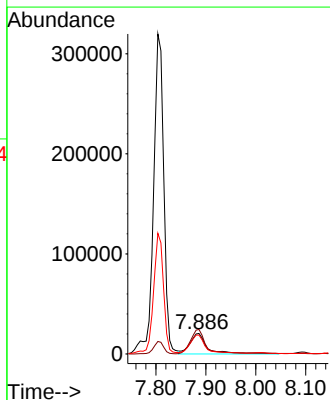
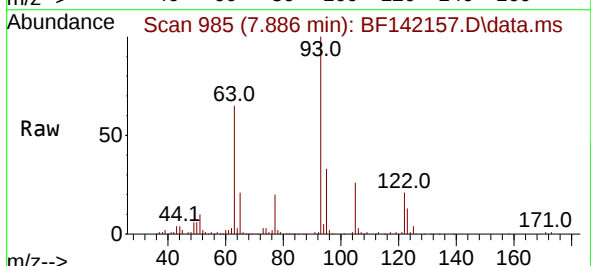
Manual Integrations
APPROVED

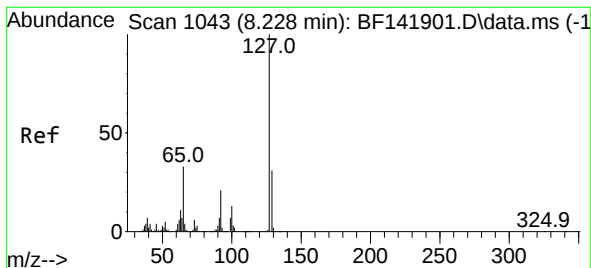
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025



#32
Benzoic acid
Concen: 8.950 ng m
RT: 7.886 min Scan# 985
Delta R.T. -0.042 min
Lab File: BF142157.D
Acq: 28 Mar 2025 13:38

Tgt Ion:122 Resp: 50309
Ion Ratio Lower Upper
122 100
105 119.6 107.9 147.9
77 92.2 79.0 119.0





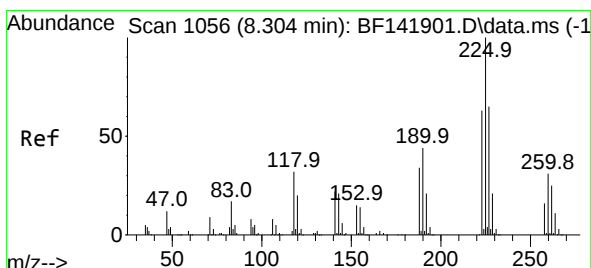
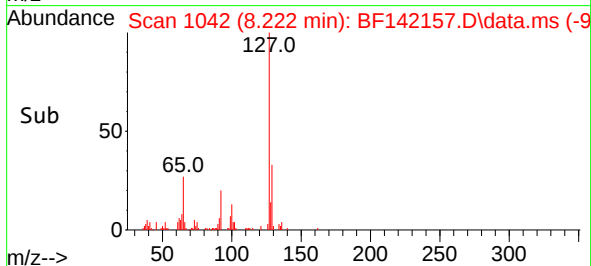
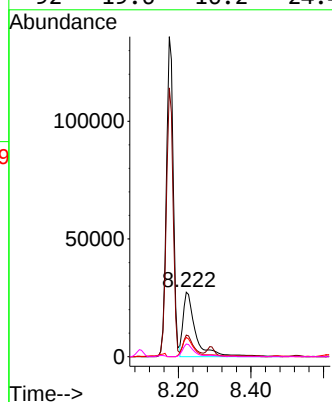
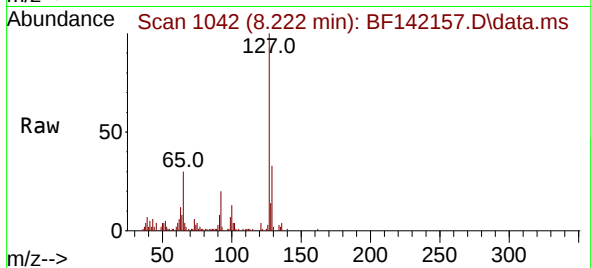
#33
4-Chloroaniline
Concen: 6.817 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142157.D
Acq: 28 Mar 2025 13:38

Instrument :
BNA_F
ClientSampleId :
PAT-1-032525MS

Tgt Ion:127	Resp: 6621
Ion Ratio	Lower Upper
127 100	
129 33.4	26.2 39.4
65 29.8	25.4 38.2
92 19.6	16.2 24.4

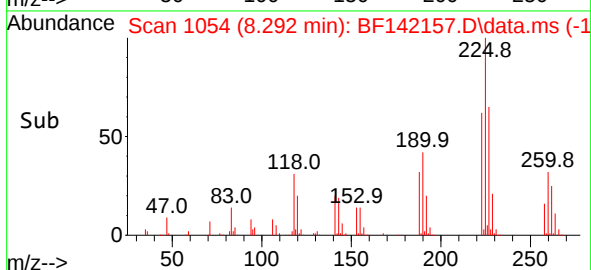
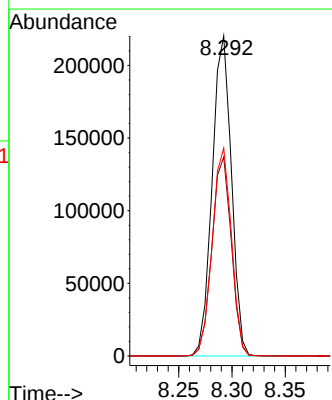
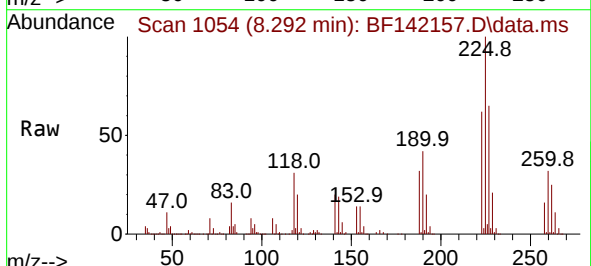
Manual Integrations
APPROVED

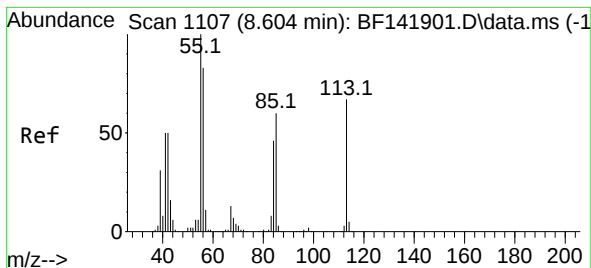
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025



#34
Hexachlorobutadiene
Concen: 48.558 ng
RT: 8.292 min Scan# 1054
Delta R.T. -0.012 min
Lab File: BF142157.D
Acq: 28 Mar 2025 13:38

Tgt Ion:225	Resp: 277001
Ion Ratio	Lower Upper
225 100	
223 62.2	50.6 75.8
227 65.0	52.2 78.2





#35

Caprolactam

Concen: 38.746 ng m

RT: 8.604 min Scan# 1107

Delta R.T. 0.000 min

Lab File: BF142157.D

Acq: 28 Mar 2025 13:38

Instrument :

BNA_F

ClientSampleId :

PAT-1-032525MS

Tgt Ion:113 Resp: 93762

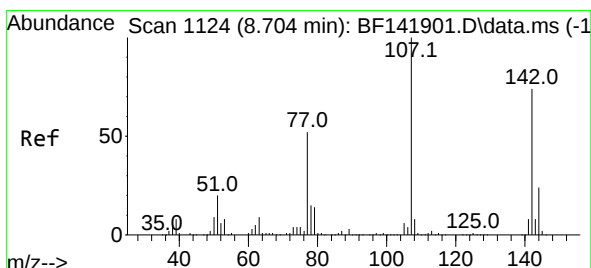
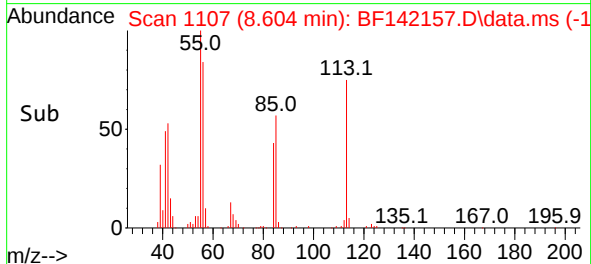
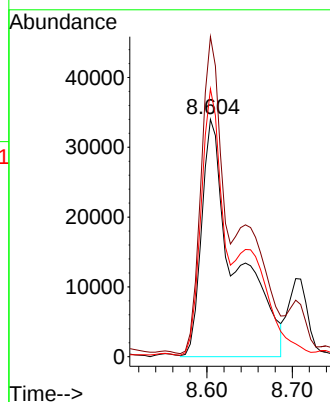
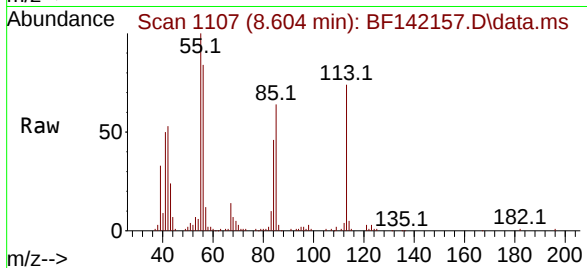
Ion	Ratio	Lower	Upper
113	100		
55	134.8	129.6	169.6
56	112.9	104.0	144.0

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: 54.990 ng

RT: 8.710 min Scan# 1125

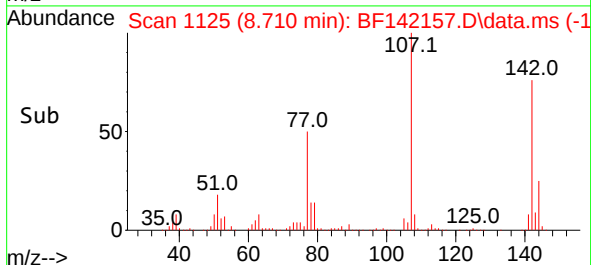
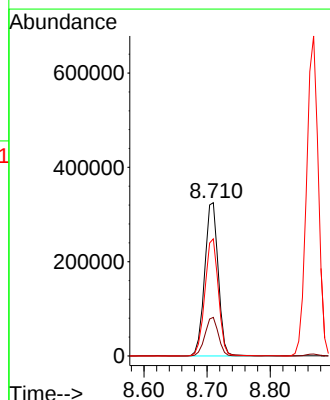
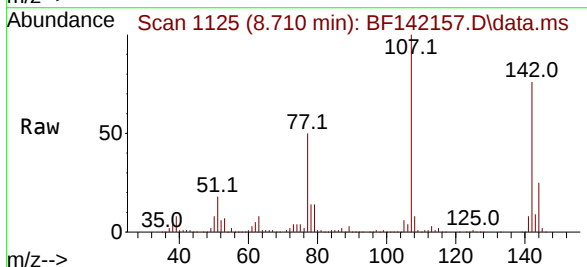
Delta R.T. 0.006 min

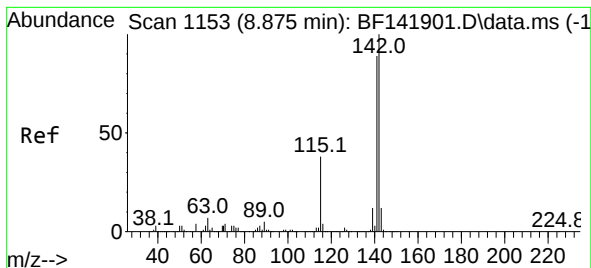
Lab File: BF142157.D

Acq: 28 Mar 2025 13:38

Tgt Ion:107 Resp: 486894

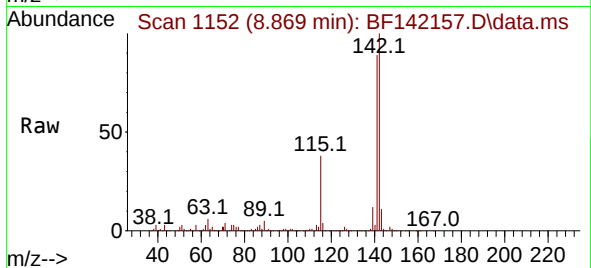
Ion	Ratio	Lower	Upper
107	100		
144	25.2	19.0	28.6
142	76.4	59.2	88.8





#37
2-Methylnaphthalene
Concen: 47.663 ng
RT: 8.869 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF142157.D
Acq: 28 Mar 2025 13:38

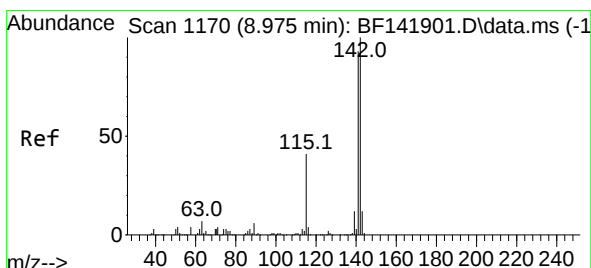
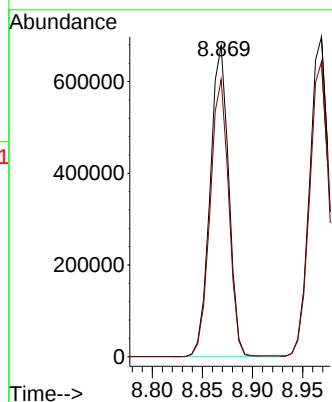
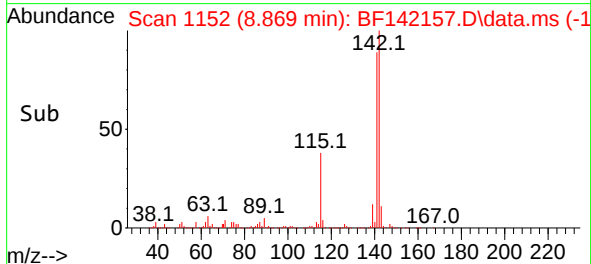
Instrument :
BNA_F
ClientSampleId :
PAT-1-032525MS



Tgt Ion:142 Resp: 87660
Ion Ratio Lower Upper
142 100
141 89.0 71.2 106.8

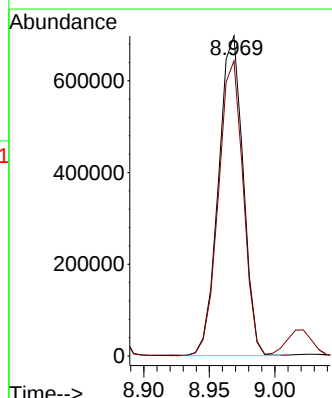
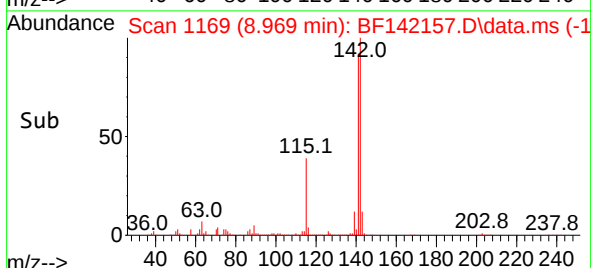
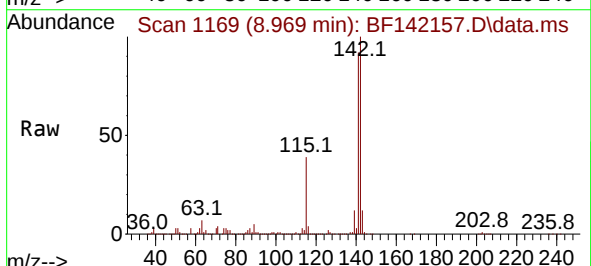
Manual Integrations
APPROVED

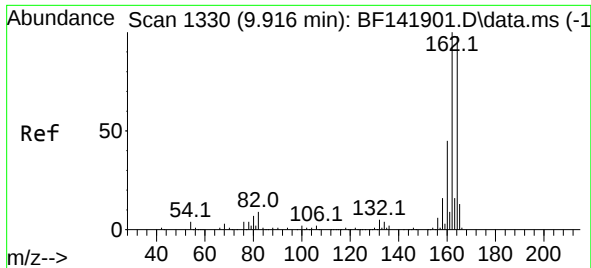
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025



#38
1-Methylnaphthalene
Concen: 51.367 ng
RT: 8.969 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF142157.D
Acq: 28 Mar 2025 13:38

Tgt Ion:142 Resp: 911647
Ion Ratio Lower Upper
142 100
141 92.2 74.2 111.4





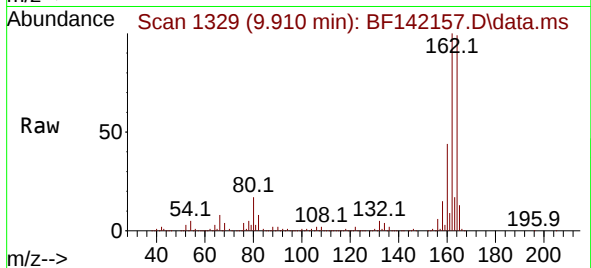
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF142157.D
Acq: 28 Mar 2025 13:38

Instrument :

BNA_F

ClientSampleId :

PAT-1-032525MS

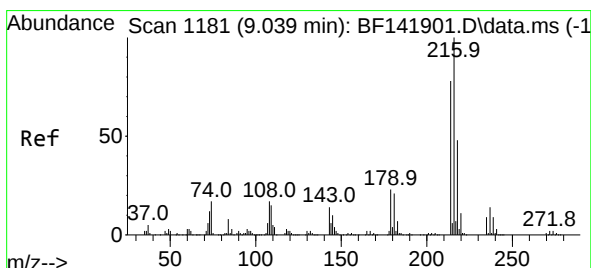
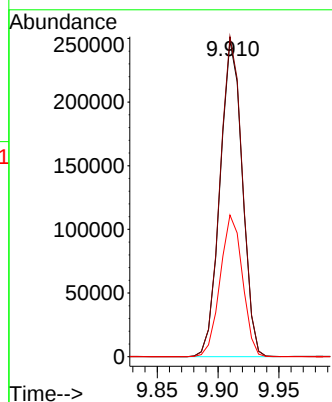
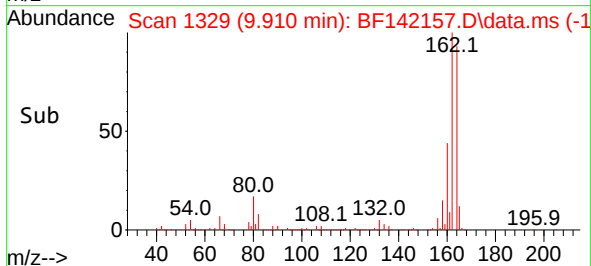


Tgt Ion:164 Resp: 315750
Ion Ratio Lower Upper
164 100
162 101.2 81.8 122.6
160 44.8 36.7 55.1

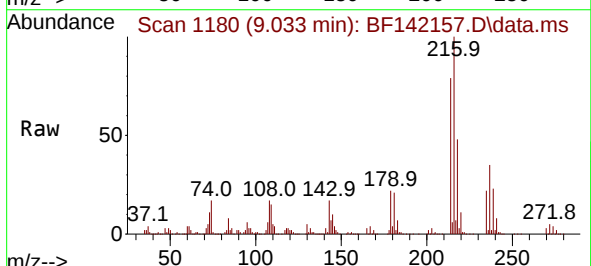
Manual Integrations

APPROVED

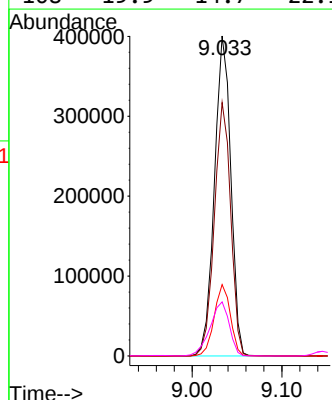
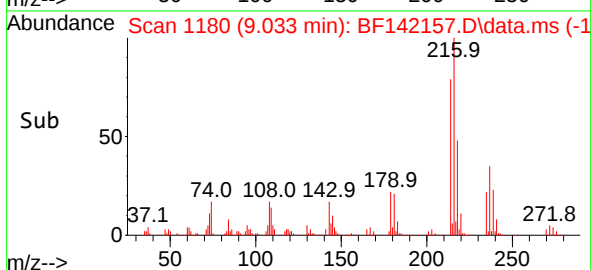
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025

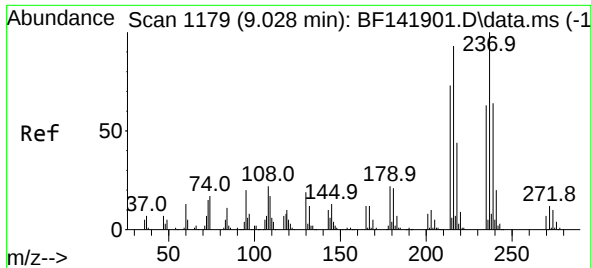


#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.835 ng
RT: 9.033 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF142157.D
Acq: 28 Mar 2025 13:38



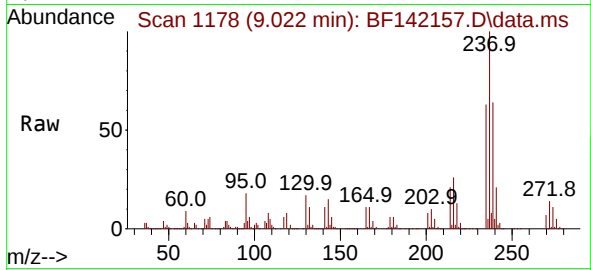
Tgt Ion:216 Resp: 507925
Ion Ratio Lower Upper
216 100
214 78.9 61.9 92.9
179 22.1 18.1 27.1
108 19.9 14.7 22.1





#41
Hexachlorocyclopentadiene
Concen: 178.801 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF142157.D
Acq: 28 Mar 2025 13:38

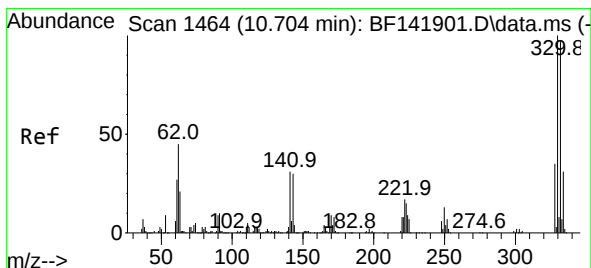
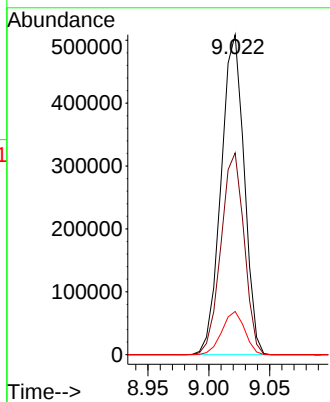
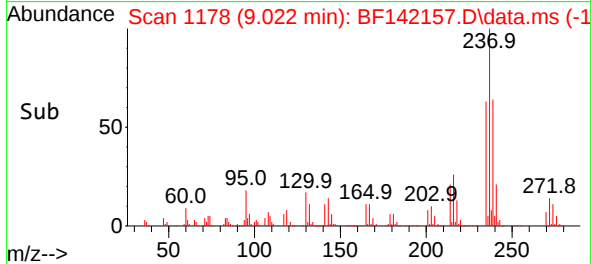
Instrument :
BNA_F
ClientSampleId :
PAT-1-032525MS



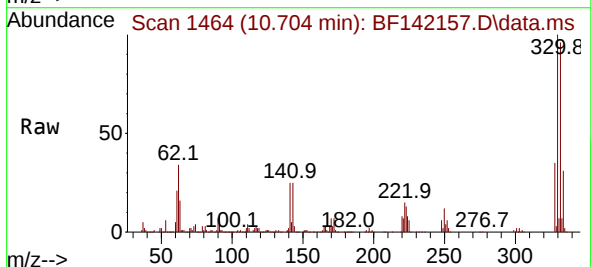
Tgt Ion:237 Resp: 67270
Ion Ratio Lower Upper
237 100
235 63.1 43.1 83.1
272 13.5 0.0 32.0

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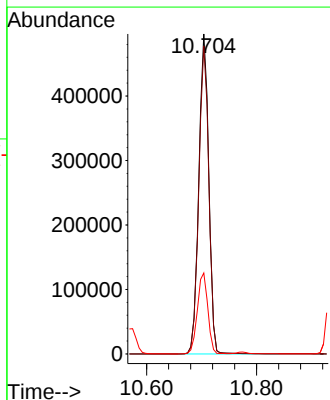
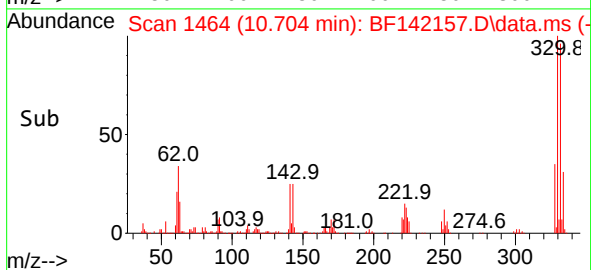
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025

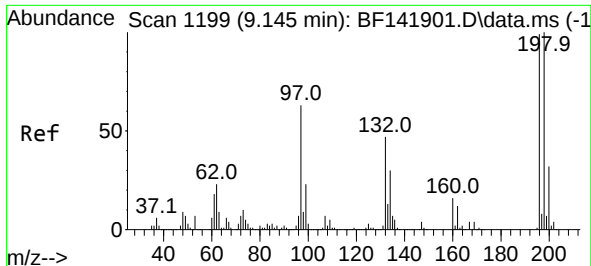


#42
2,4,6-Tribromophenol
Concen: 156.748 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF142157.D
Acq: 28 Mar 2025 13:38



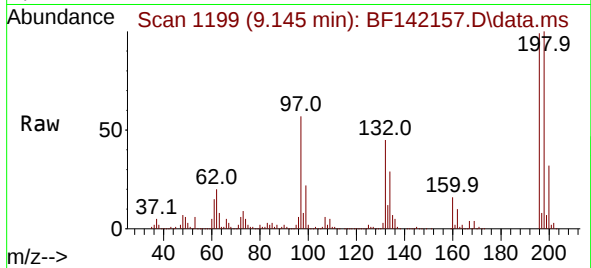
Tgt Ion:330 Resp: 627899
Ion Ratio Lower Upper
330 100
332 96.3 77.6 116.4
141 26.6 24.7 37.1





#43
2,4,6-Trichlorophenol
Concen: 56.643 ng
RT: 9.145 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF142157.D
Acq: 28 Mar 2025 13:38

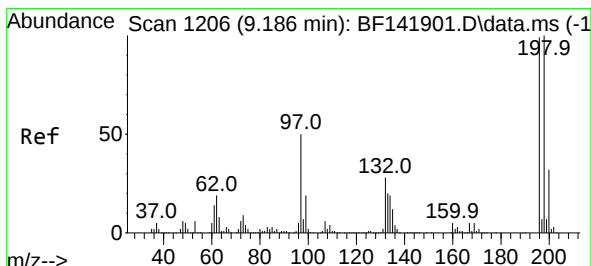
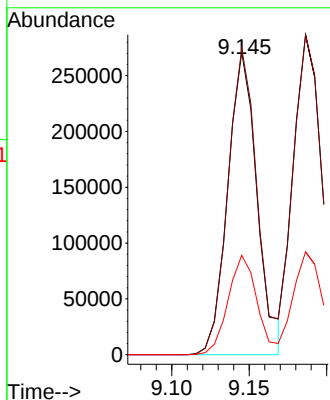
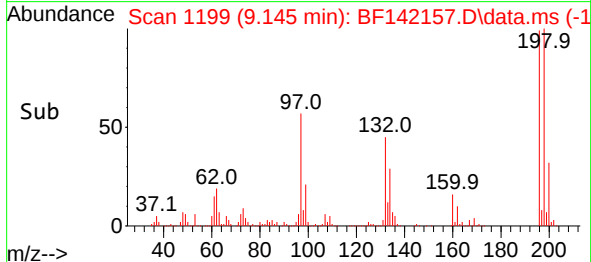
Instrument :
BNA_F
ClientSampleId :
PAT-1-032525MS



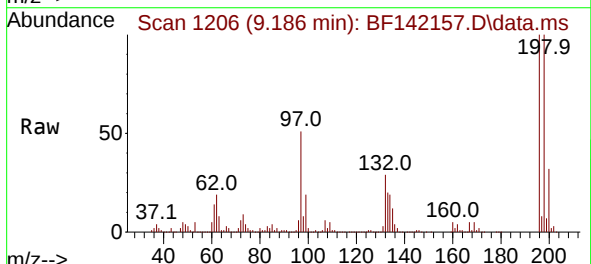
Tgt Ion:196 Resp: 355878
Ion Ratio Lower Upper
196 100
198 101.3 80.6 121.0
200 32.9 25.8 38.6

Manual Integrations
APPROVED

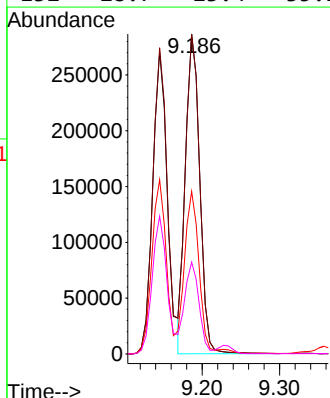
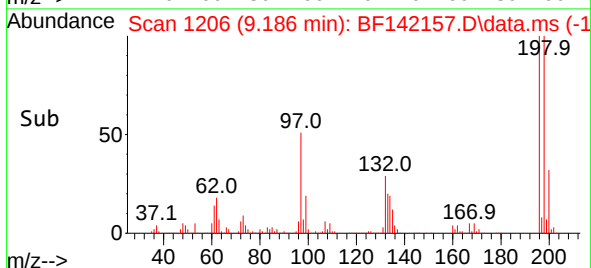
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025

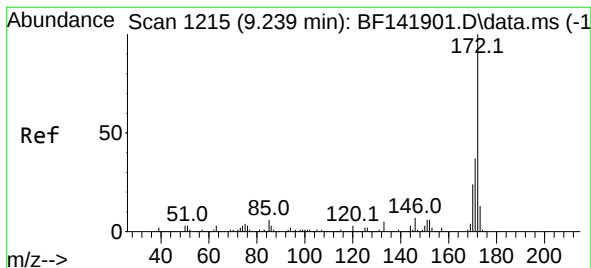


#44
2,4,5-Trichlorophenol
Concen: 57.973 ng
RT: 9.186 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF142157.D
Acq: 28 Mar 2025 13:38



Tgt Ion:196 Resp: 368896
Ion Ratio Lower Upper
196 100
198 99.9 80.7 121.1
97 50.8 42.1 63.1
132 28.7 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 94.479 ng

RT: 9.227 min Scan# 1213

Delta R.T. -0.012 min

Lab File: BF142157.D

Acq: 28 Mar 2025 13:38

Instrument :

BNA_F

ClientSampleId :

PAT-1-032525MS

Tgt Ion:172 Resp: 196160

Ion Ratio Lower Upper

172 100

171 36.2 29.3 43.9

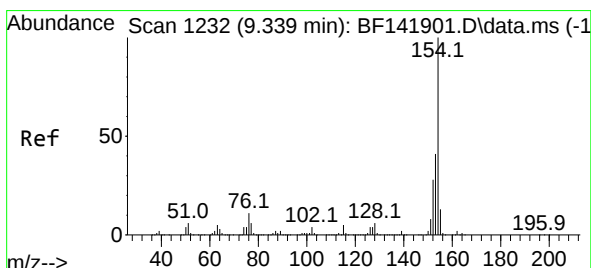
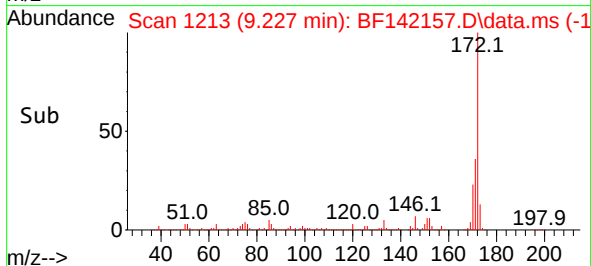
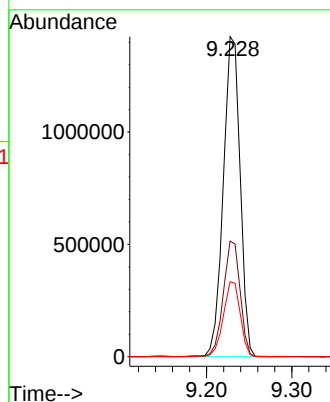
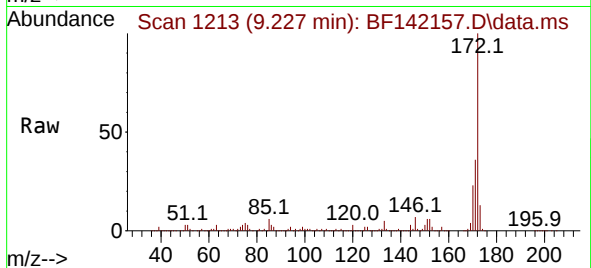
170 23.4 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/31/2025

Supervised By :Jagrut Upadhyay 03/31/2025



#46

1,1'-Biphenyl

Concen: 52.600 ng

RT: 9.333 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BF142157.D

Acq: 28 Mar 2025 13:38

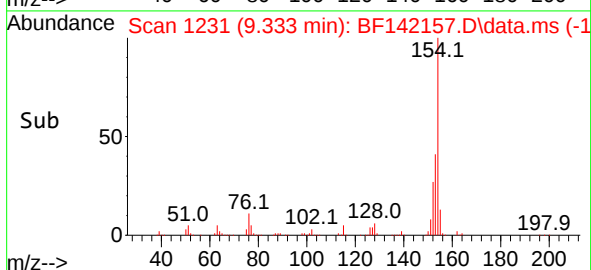
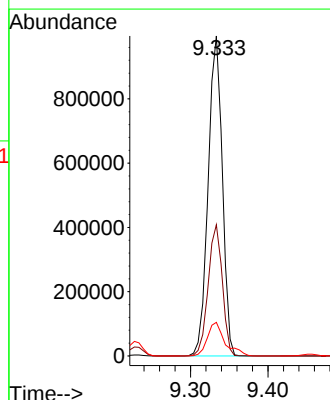
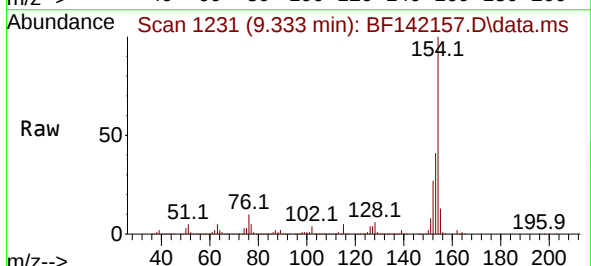
Tgt Ion:154 Resp: 1261956

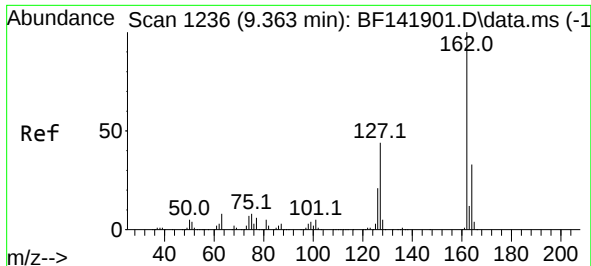
Ion Ratio Lower Upper

154 100

153 41.0 21.1 61.1

76 10.5 0.0 31.3





#47

2-Chloronaphthalene

Concen: 53.334 ng

RT: 9.357 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142157.D

Acq: 28 Mar 2025 13:38

Instrument :

BNA_F

ClientSampleId :

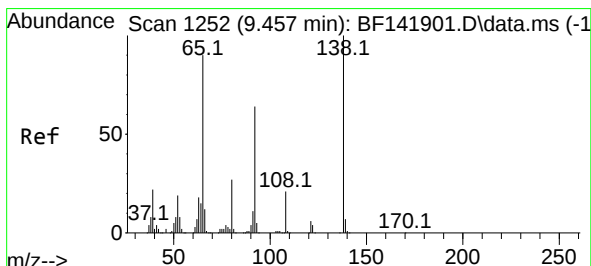
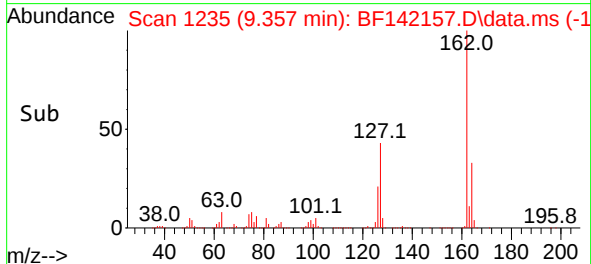
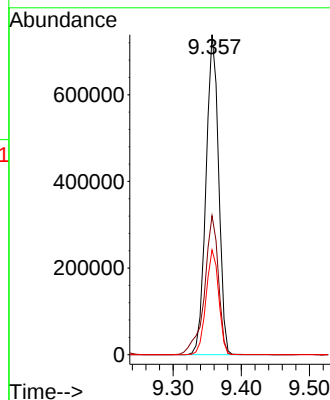
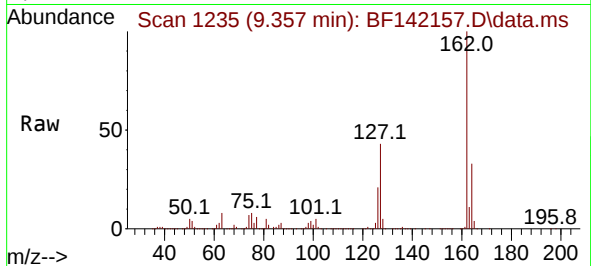
PAT-1-032525MS

Tgt Ion:162 Resp: 953725
 Ion Ratio Lower Upper
 162 100
 127 43.4 35.5 53.3
 164 32.7 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: 54.817 ng

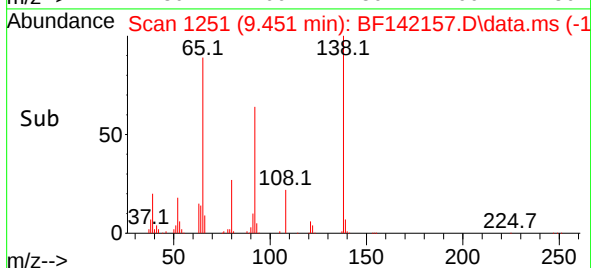
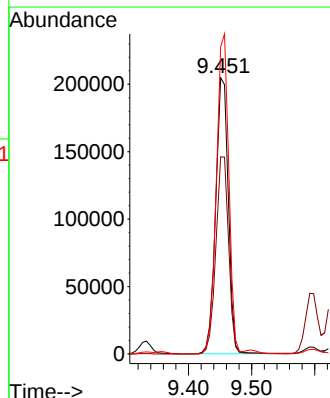
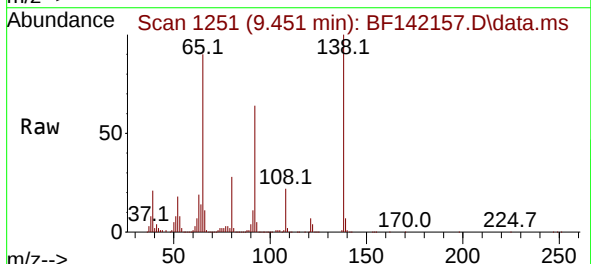
RT: 9.451 min Scan# 1251

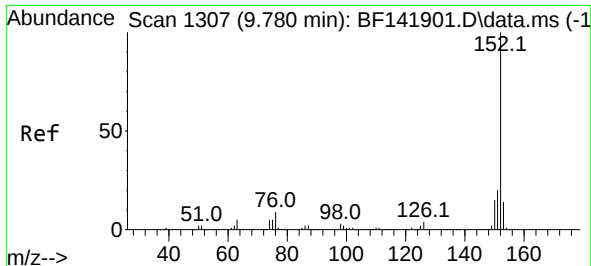
Delta R.T. -0.006 min

Lab File: BF142157.D

Acq: 28 Mar 2025 13:38

Tgt Ion: 65 Resp: 283823
 Ion Ratio Lower Upper
 65 100
 92 71.4 56.6 84.8
 138 111.3 88.6 133.0





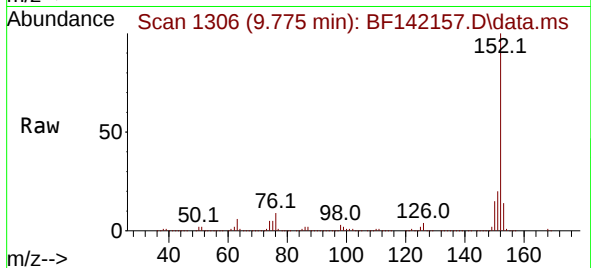
#49
Acenaphthylene
Concen: 57.300 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142157.D
Acq: 28 Mar 2025 13:38

Instrument :

BNA_F

ClientSampleId :

PAT-1-032525MS

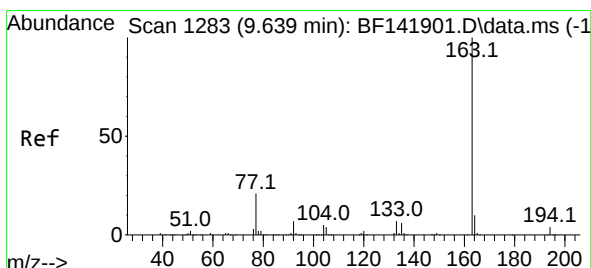
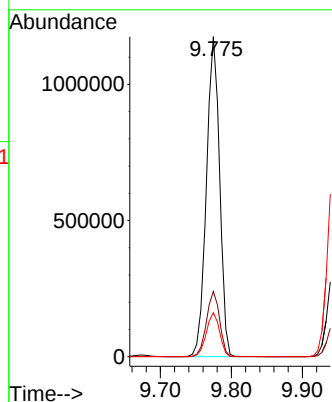
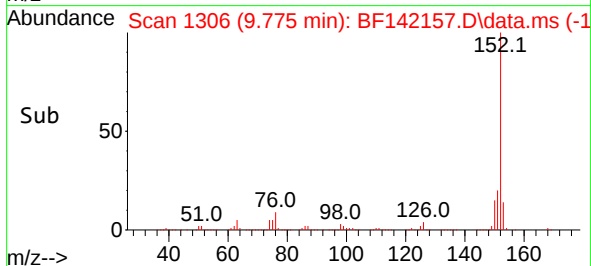


Tgt Ion:152 Resp: 1520549
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 13.8 11.1 16.7

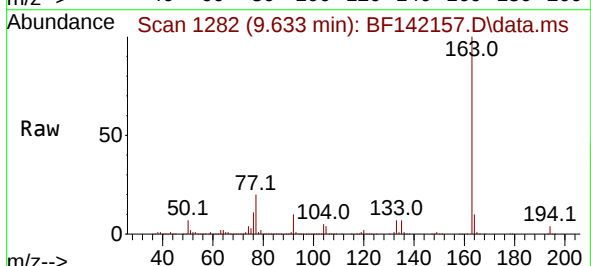
Manual Integrations

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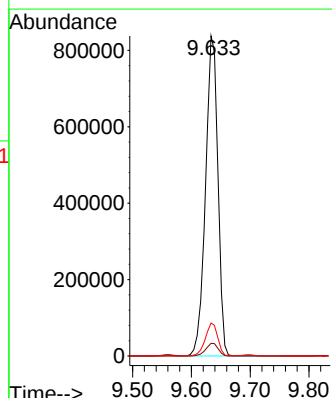
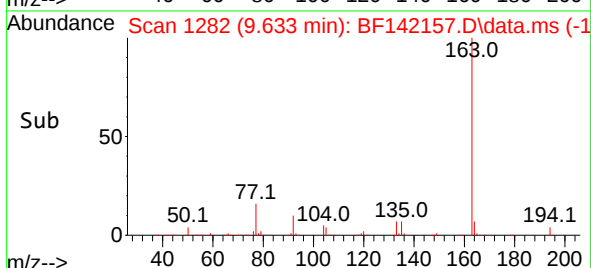
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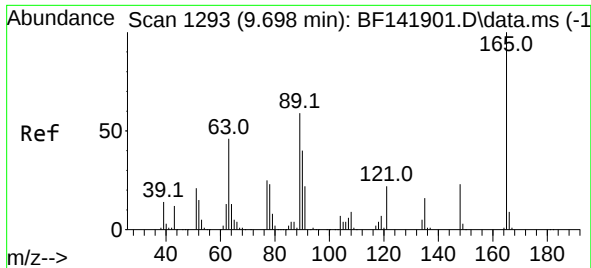


#50
Dimethylphthalate
Concen: 55.267 ng
RT: 9.633 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BF142157.D
Acq: 28 Mar 2025 13:38



Tgt Ion:163 Resp: 1222040
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.3 8.2 12.4





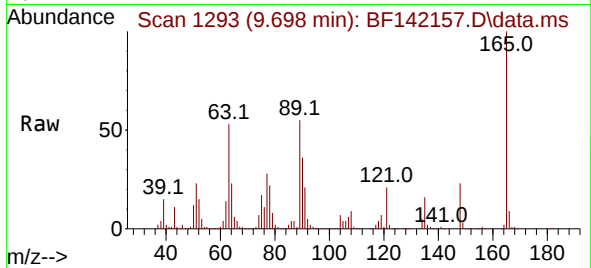
#51
2,6-Dinitrotoluene
Concen: 57.436 ng
RT: 9.698 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF142157.D
Acq: 28 Mar 2025 13:38

Instrument :

BNA_F

ClientSampleId :

PAT-1-032525MS

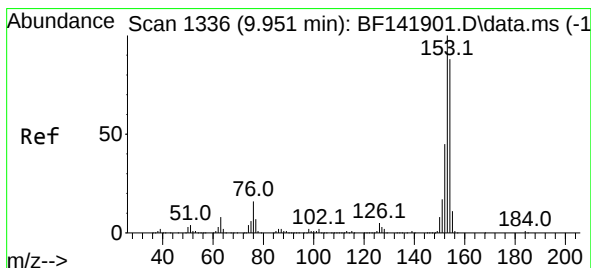
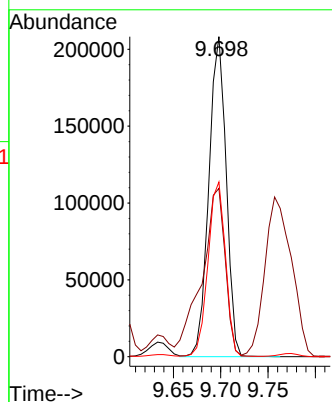
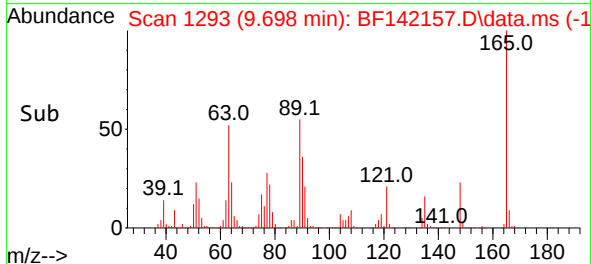


Tgt Ion:165 Resp: 264428
Ion Ratio Lower Upper
165 100
63 52.6 47.0 70.4
89 54.6 47.4 71.2

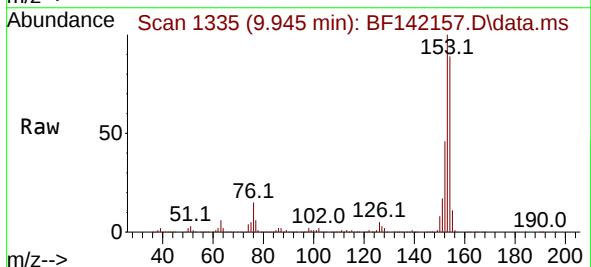
Manual Integrations

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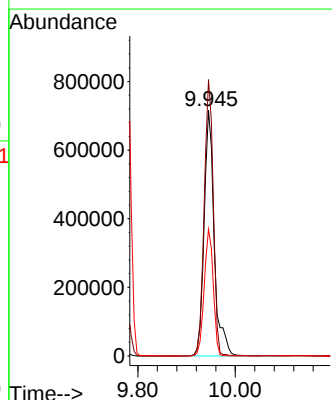
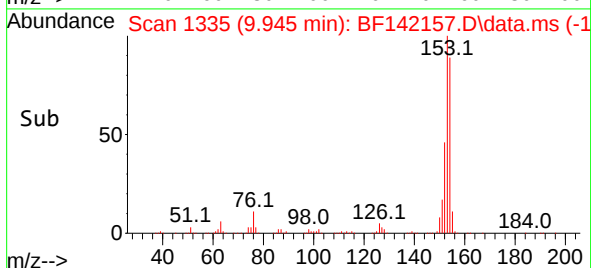
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025

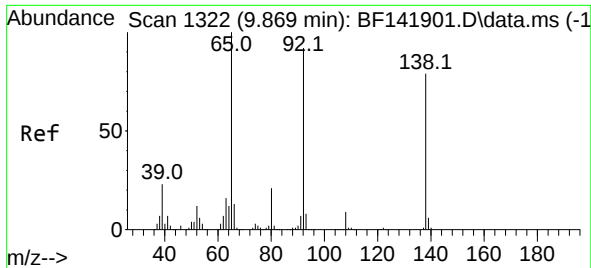


#52
Acenaphthene
Concen: 55.397 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF142157.D
Acq: 28 Mar 2025 13:38



Tgt Ion:154 Resp: 1033081
Ion Ratio Lower Upper
154 100
153 112.6 90.7 136.1
152 51.6 41.1 61.7





#53
3-Nitroaniline
Concen: 15.580 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142157.D
Acq: 28 Mar 2025 13:38

Instrument :

BNA_F

ClientSampleId :

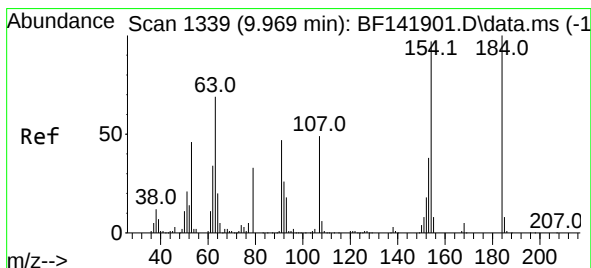
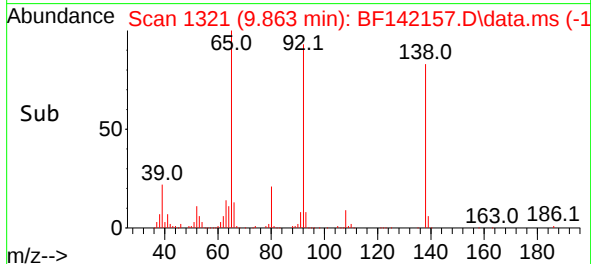
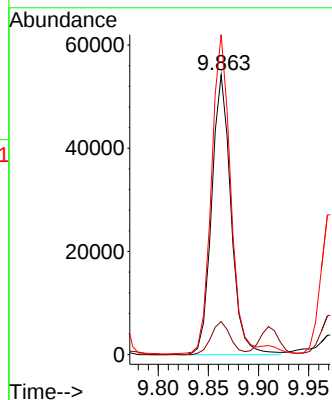
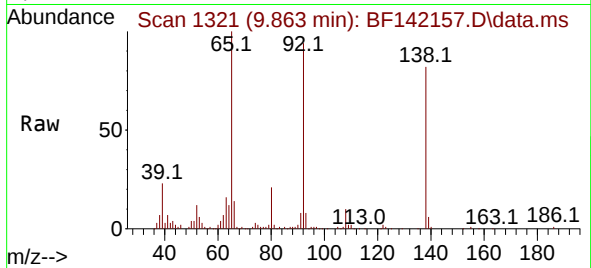
PAT-1-032525MS

Tgt Ion:138 Resp: 72758
Ion Ratio Lower Upper
138 100
108 11.9 9.3 13.9
92 114.3 93.5 140.3

Manual Integrations

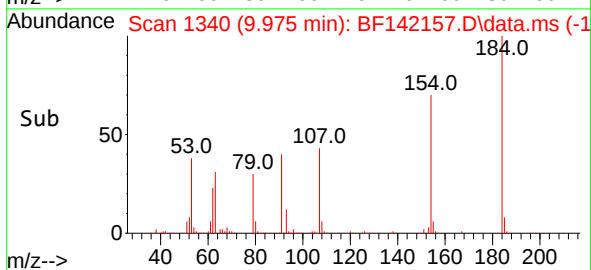
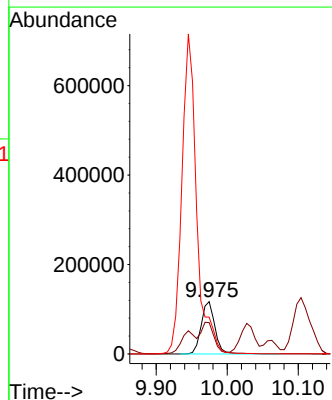
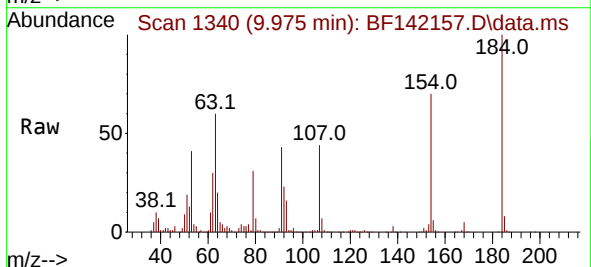
APPROVED

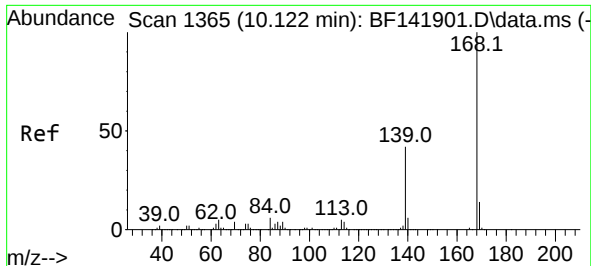
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025



#54
2,4-Dinitrophenol
Concen: 61.986 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF142157.D
Acq: 28 Mar 2025 13:38

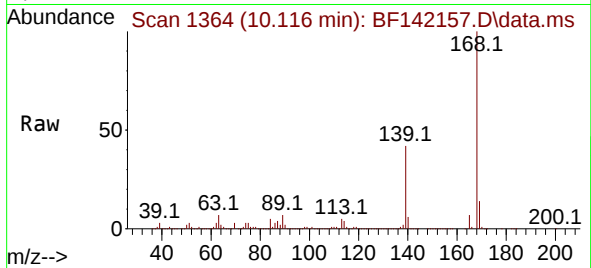
Tgt Ion:184 Resp: 157925
Ion Ratio Lower Upper
184 100
63 60.0 60.2 90.4#
154 70.2 132.9 199.3#





#55
Dibenzenofuran
Concen: 52.100 ng
RT: 10.116 min Scan# 1364
Delta R.T. -0.006 min
Lab File: BF142157.D
Acq: 28 Mar 2025 13:38

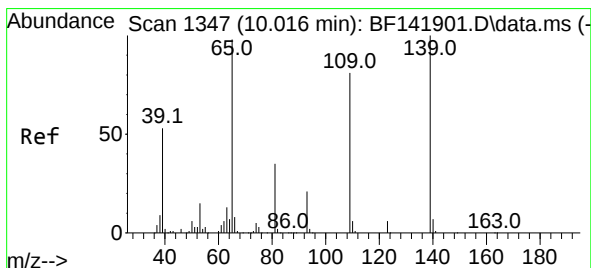
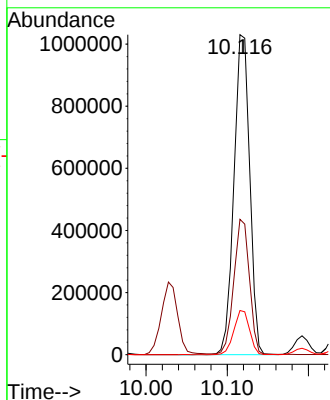
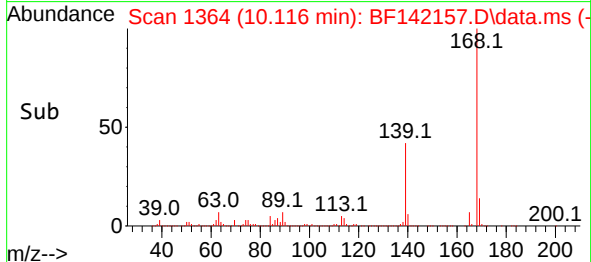
Instrument :
BNA_F
ClientSampleId :
PAT-1-032525MS



Tgt Ion:168 Resp: 1388299
Ion Ratio Lower Upper
168 100
139 42.3 33.9 50.9
169 13.8 11.0 16.4

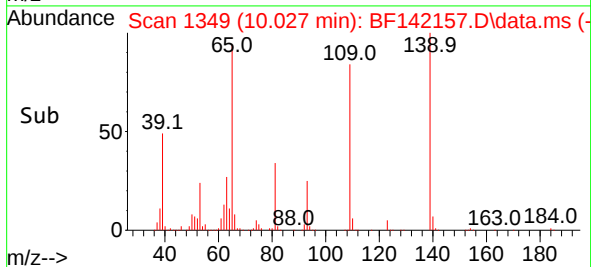
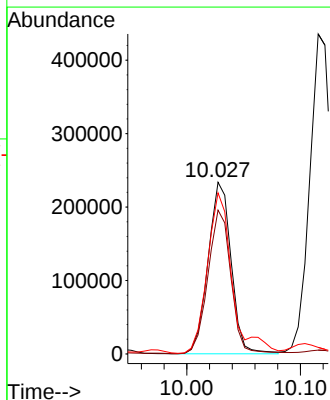
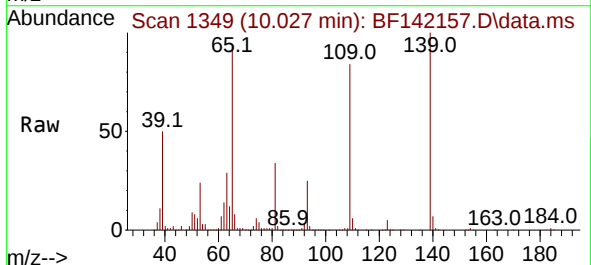
Manual Integrations
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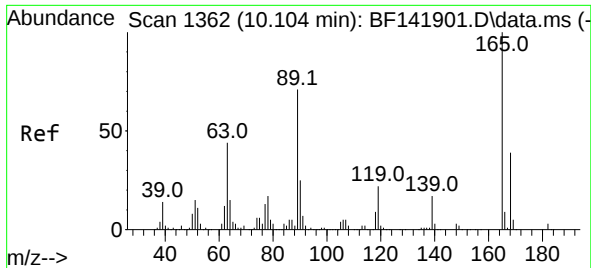
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025



#56
4-Nitrophenol
Concen: 93.632 ng
RT: 10.027 min Scan# 1349
Delta R.T. 0.012 min
Lab File: BF142157.D
Acq: 28 Mar 2025 13:38

Tgt Ion:139 Resp: 329751
Ion Ratio Lower Upper
139 100
109 83.7 61.6 101.6
65 93.8 79.4 119.4





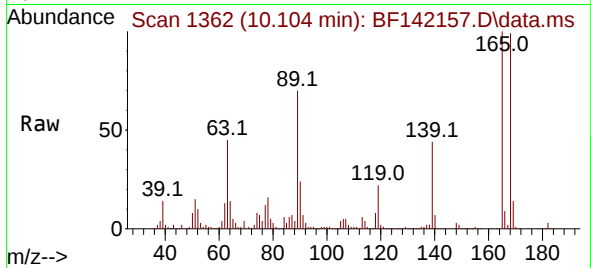
#57
2,4-Dinitrotoluene
Concen: 61.141 ng
RT: 10.104 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142157.D
Acq: 28 Mar 2025 13:38

Instrument :

BNA_F

ClientSampleId :

PAT-1-032525MS

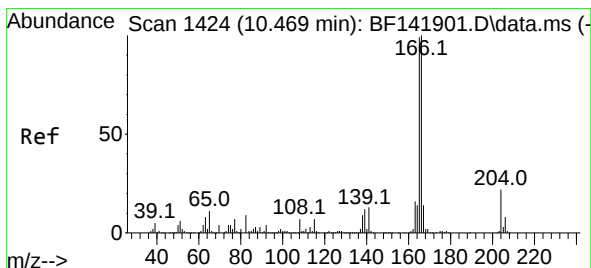
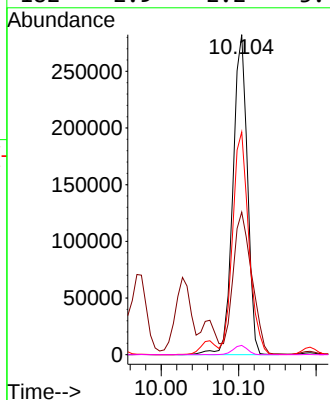
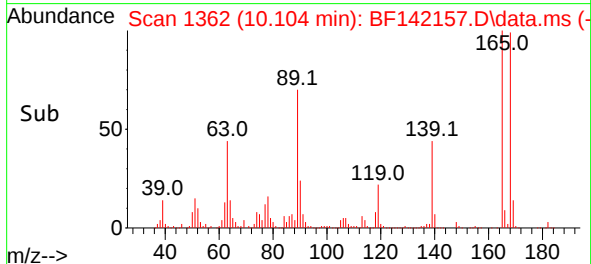


Tgt Ion:165 Resp: 367649
Ion Ratio Lower Upper
165 100
63 44.6 35.4 53.2
89 69.6 56.6 84.8
182 2.9 2.2 3.4

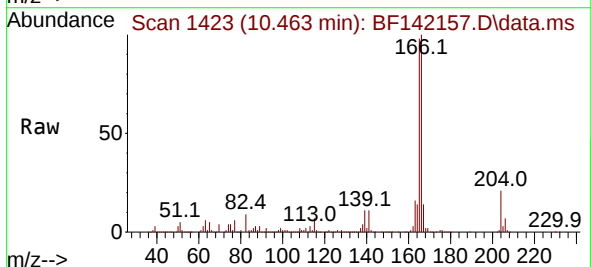
Manual Integrations

APPROVED

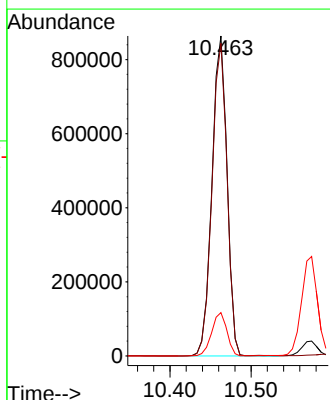
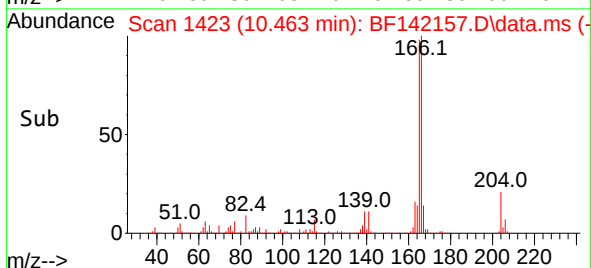
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025

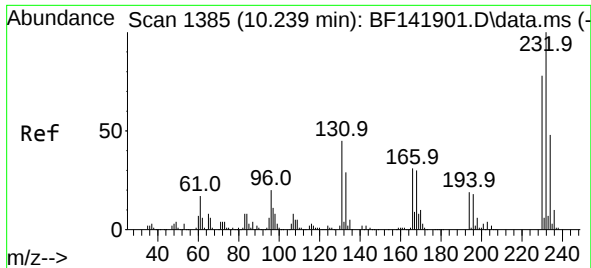


#58
Fluorene
Concen: 54.182 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF142157.D
Acq: 28 Mar 2025 13:38



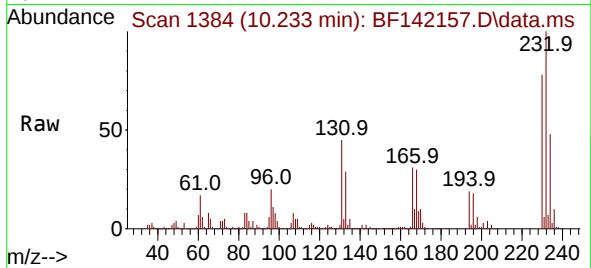
Tgt Ion:166 Resp: 1113397
Ion Ratio Lower Upper
166 100
165 97.7 79.0 118.4
167 13.6 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 53.579 ng
RT: 10.233 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF142157.D
Acq: 28 Mar 2025 13:38

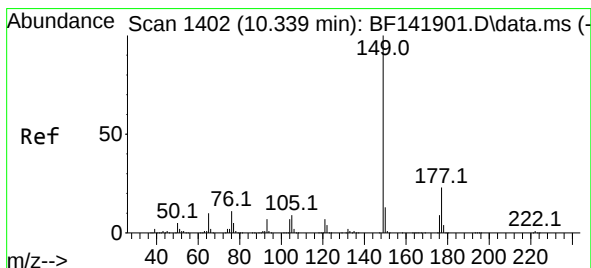
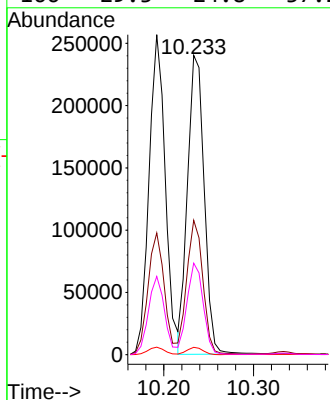
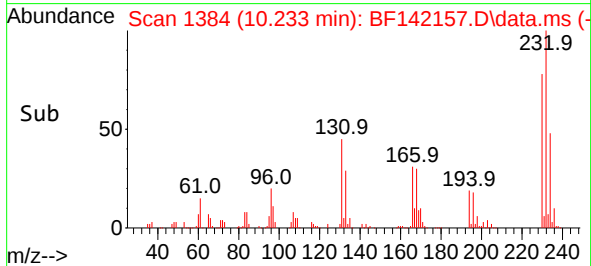
Instrument :
BNA_F
ClientSampleId :
PAT-1-032525MS



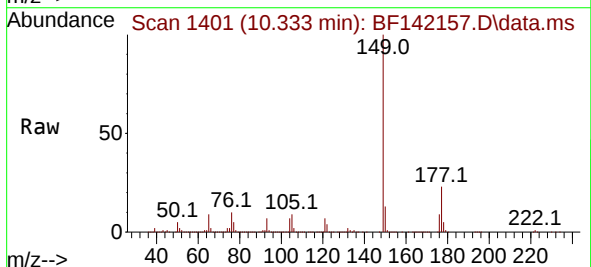
Tgt Ion:232 Resp: 31024
Ion Ratio Lower Upper
232 100
131 44.3 37.3 55.9
130 2.3 1.9 2.9
166 29.3 24.8 37.2

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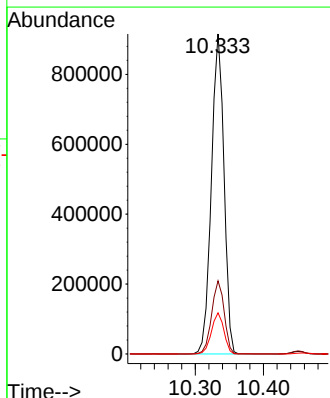
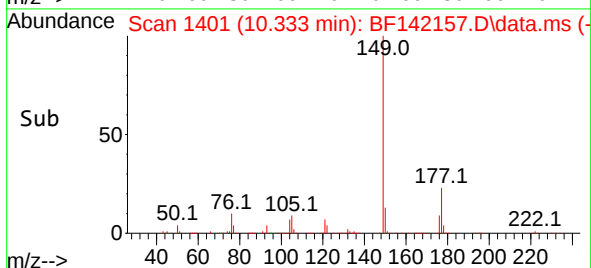
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025

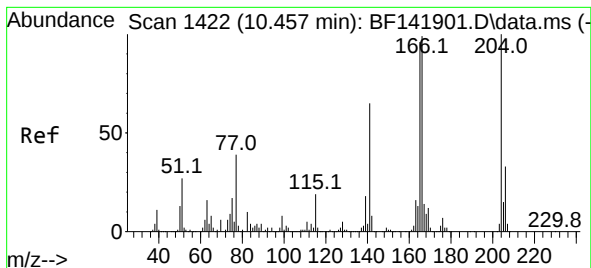


#60
Diethylphthalate
Concen: 53.380 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF142157.D
Acq: 28 Mar 2025 13:38



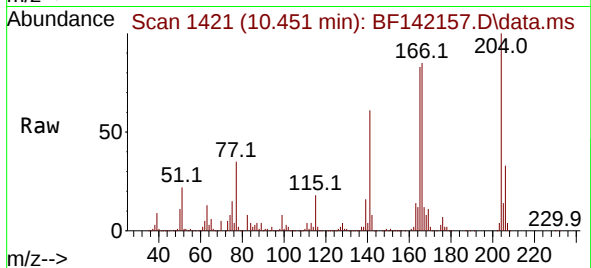
Tgt Ion:149 Resp: 1176925
Ion Ratio Lower Upper
149 100
177 22.9 18.0 27.0
150 12.8 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 56.021 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF142157.D
Acq: 28 Mar 2025 13:38

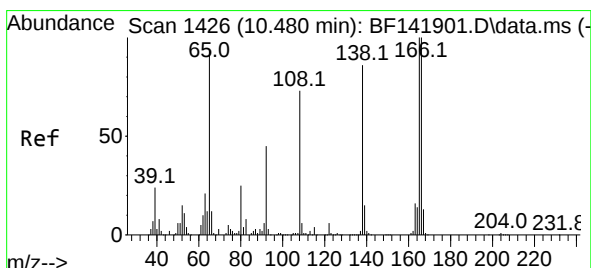
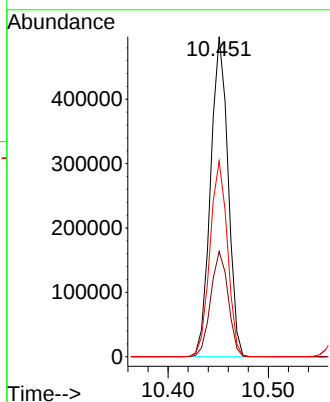
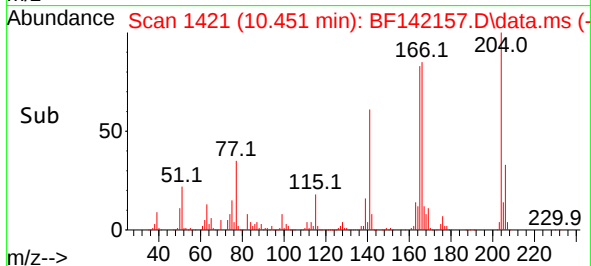
Instrument :
BNA_F
ClientSampleId :
PAT-1-032525MS



Tgt Ion:204 Resp: 600164
Ion Ratio Lower Upper
204 100
206 32.9 26.8 40.2
141 61.1 52.4 78.6

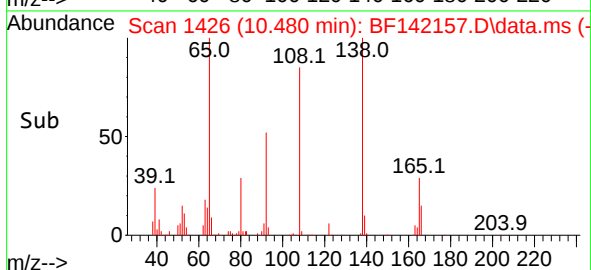
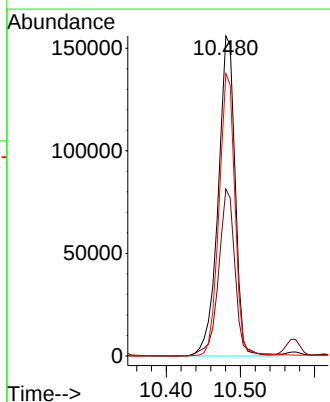
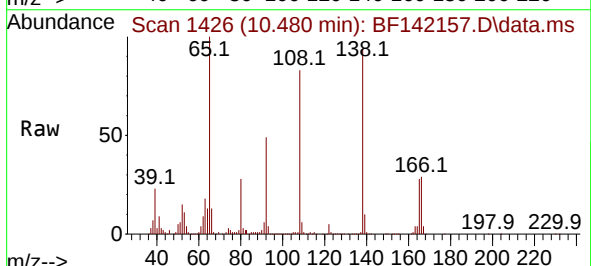
Manual Integrations
APPROVED

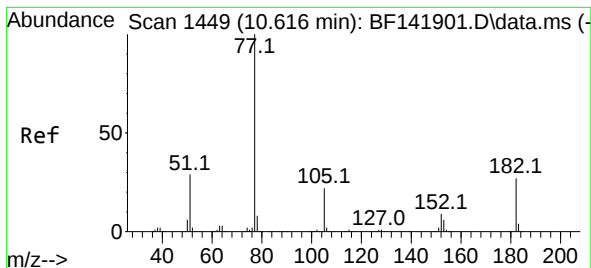
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025



#62
4-Nitroaniline
Concen: 54.536 ng
RT: 10.480 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF142157.D
Acq: 28 Mar 2025 13:38

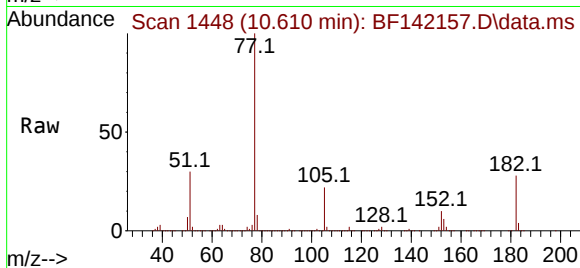
Tgt Ion:138 Resp: 247947
Ion Ratio Lower Upper
138 100
92 52.1 32.6 72.6
108 88.2 65.0 105.0





#63
Azobenzene
Concen: 49.858 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF142157.D
Acq: 28 Mar 2025 13:38

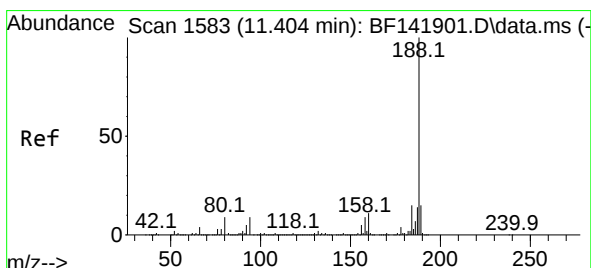
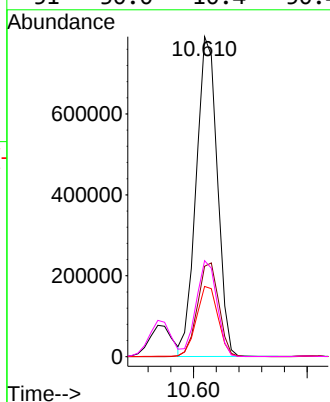
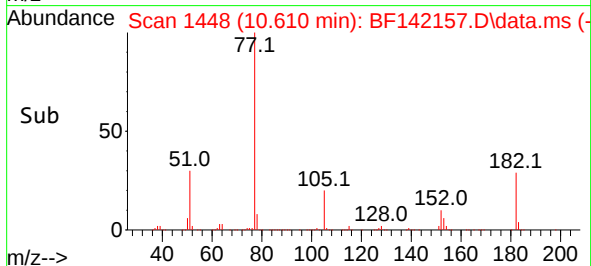
Instrument :
BNA_F
ClientSampleId :
PAT-1-032525MS



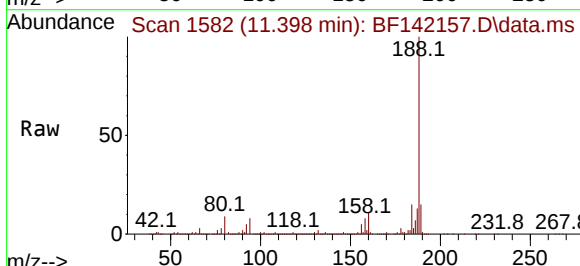
Tgt Ion: 77 Resp: 102201
Ion Ratio Lower Upper
77 100
182 28.3 6.6 46.6
105 21.9 1.3 41.3
51 30.0 10.4 50.4

Manual Integrations
APPROVED

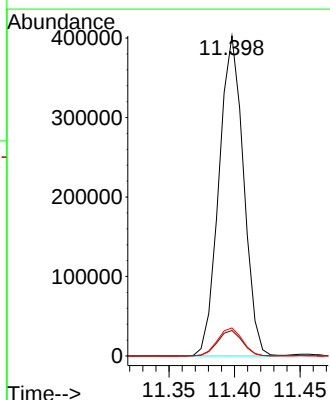
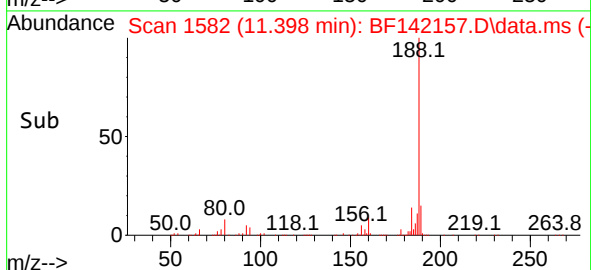
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025

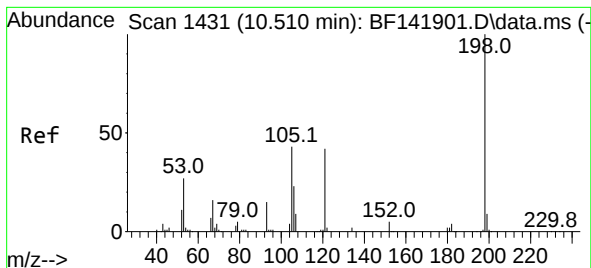


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF142157.D
Acq: 28 Mar 2025 13:38



Tgt Ion:188 Resp: 524800
Ion Ratio Lower Upper
188 100
94 7.9 6.8 10.2
80 8.8 7.6 11.4





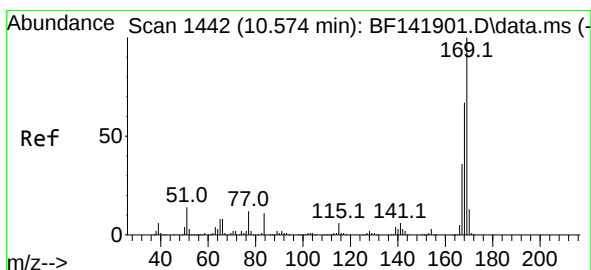
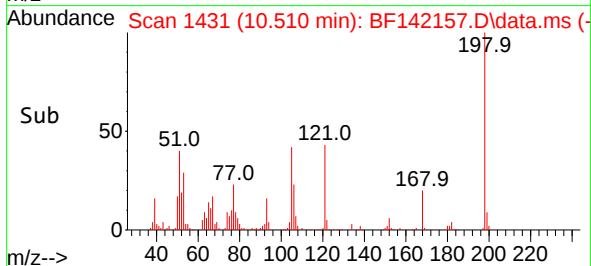
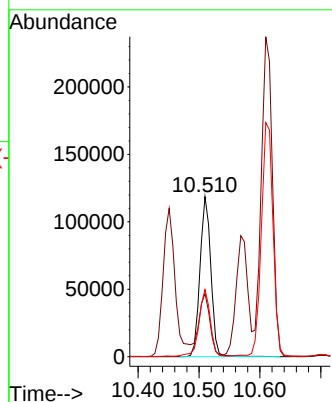
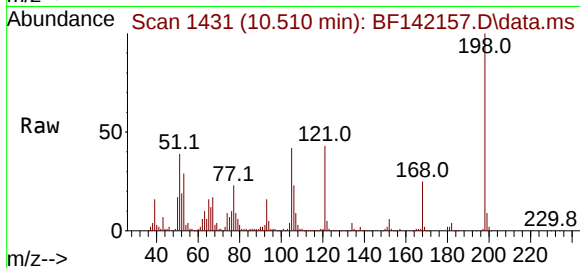
#65
4,6-Dinitro-2-methylphenol
Concen: 47.207 ng
RT: 10.510 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BF142157.D
Acq: 28 Mar 2025 13:38

Instrument :
BNA_F
ClientSampleId :
PAT-1-032525MS

Tgt Ion:198 Resp: 147690
Ion Ratio Lower Upper
198 100
51 39.5 22.3 62.3
105 42.0 23.0 63.0

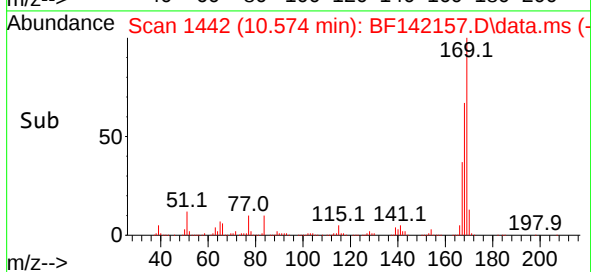
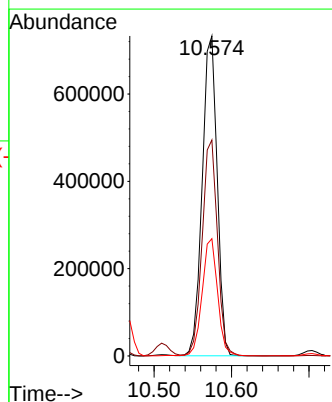
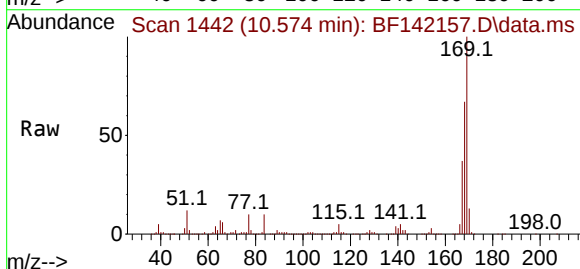
Manual Integrations
APPROVED

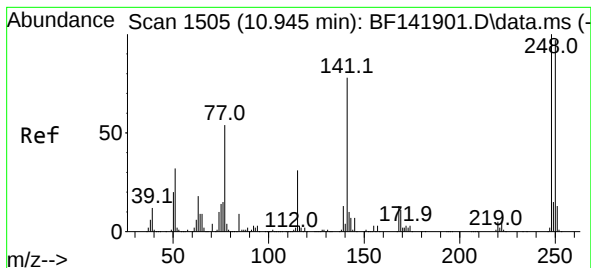
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025



#66
n-Nitrosodiphenylamine
Concen: 57.755 ng
RT: 10.574 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF142157.D
Acq: 28 Mar 2025 13:38

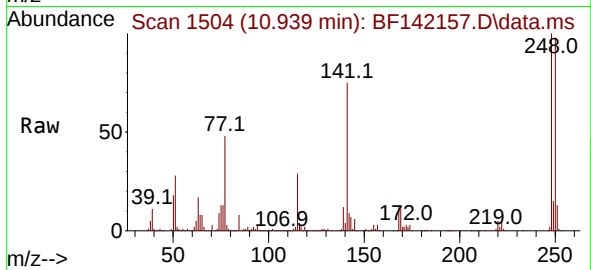
Tgt Ion:169 Resp: 980838
Ion Ratio Lower Upper
169 100
168 67.5 53.7 80.5
167 36.6 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 59.612 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142157.D
Acq: 28 Mar 2025 13:38

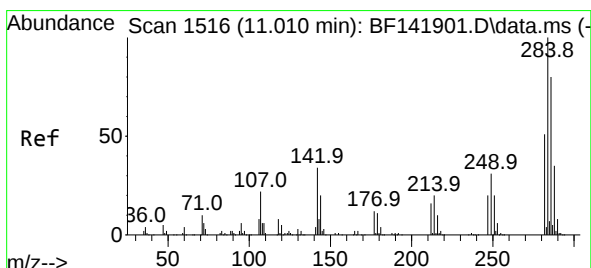
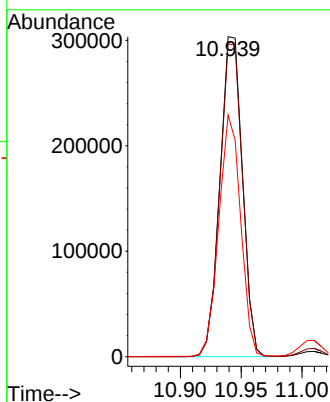
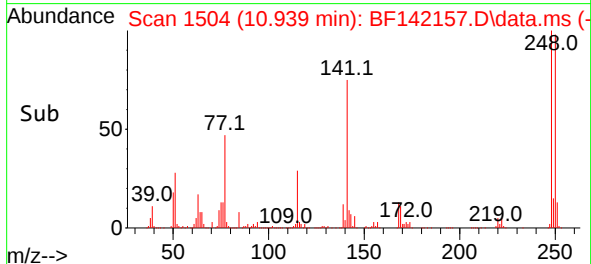
Instrument :
BNA_F
ClientSampleId :
PAT-1-032525MS



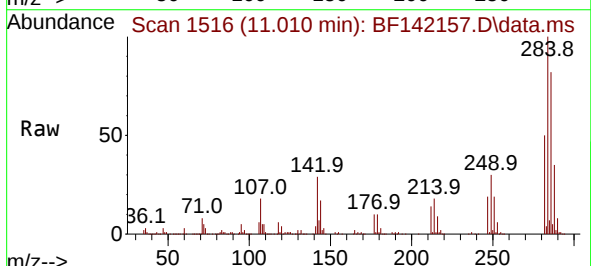
Tgt Ion:248 Resp: 392895
Ion Ratio Lower Upper
248 100
250 97.8 77.8 116.8
141 75.5 62.6 93.8

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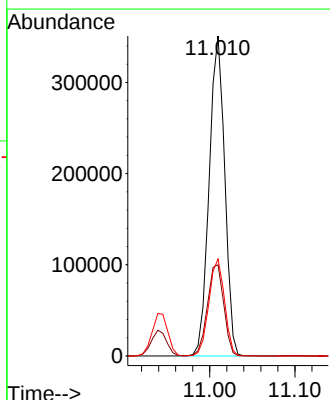
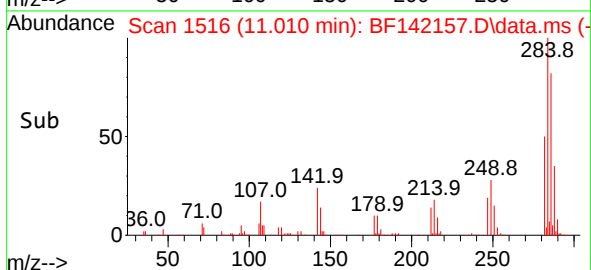
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025

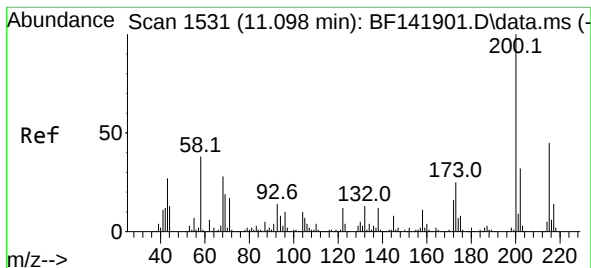


#68
Hexachlorobenzene
Concen: 61.611 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF142157.D
Acq: 28 Mar 2025 13:38



Tgt Ion:284 Resp: 445370
Ion Ratio Lower Upper
284 100
142 28.5 27.0 40.6
249 30.3 25.2 37.8





#69

Atrazine

Concen: 61.977 ng

RT: 11.098 min Scan# 1531

Delta R.T. -0.000 min

Lab File: BF142157.D

Acq: 28 Mar 2025 13:38

Instrument :

BNA_F

ClientSampleId :

PAT-1-032525MS

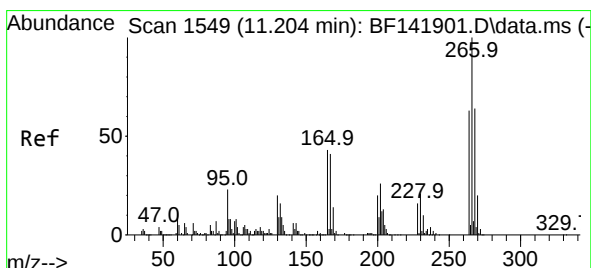
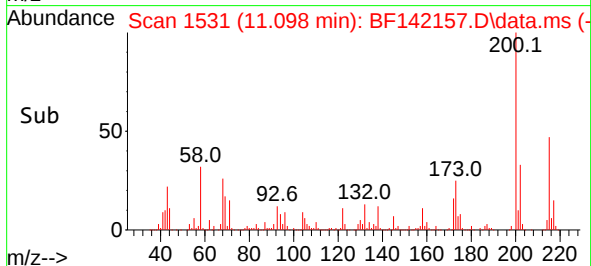
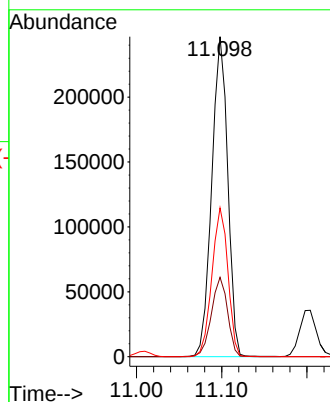
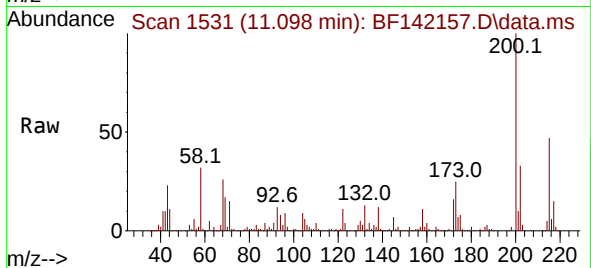
Tgt Ion:200 Resp: 322664
 Ion Ratio Lower Upper
 200 100
 173 24.8 4.7 44.7
 215 46.5 25.4 65.4

Manual Integrations

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Reviewed By :Anahy Claudio 03/31/2025

Supervised By :Jagrut Upadhyay 03/31/2025



#70

Pentachlorophenol

Concen: 60.701 ng

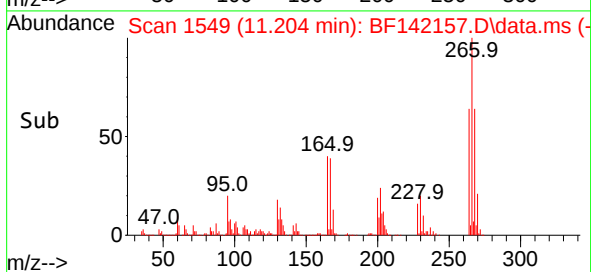
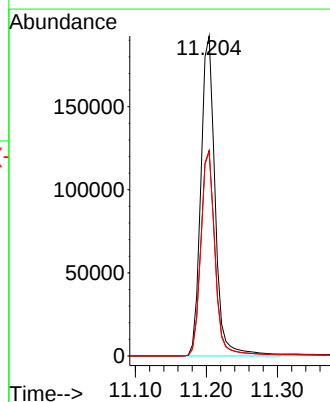
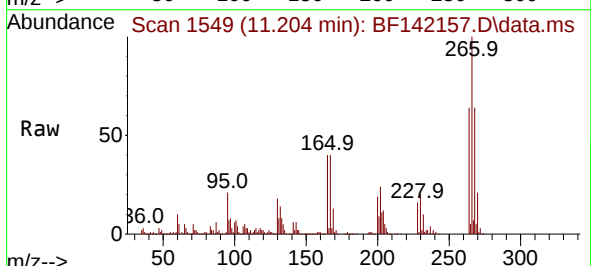
RT: 11.204 min Scan# 1549

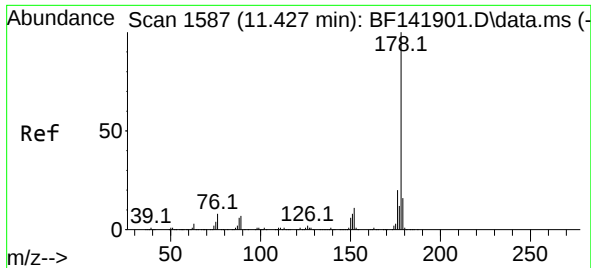
Delta R.T. 0.000 min

Lab File: BF142157.D

Acq: 28 Mar 2025 13:38

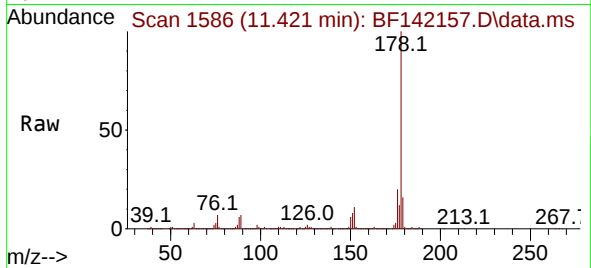
Tgt Ion:266 Resp: 270351
 Ion Ratio Lower Upper
 266 100
 268 64.2 51.0 76.6
 264 63.7 50.2 75.2





#71
Phenanthrene
Concen: 56.357 ng
RT: 11.421 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF142157.D
Acq: 28 Mar 2025 13:38

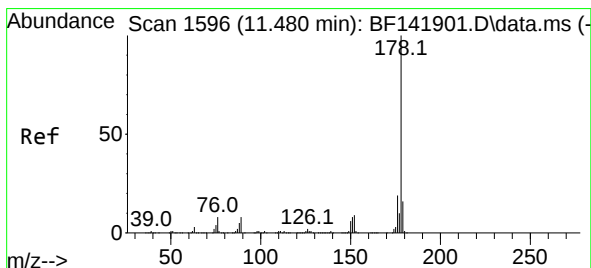
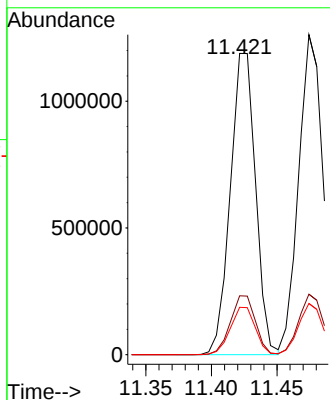
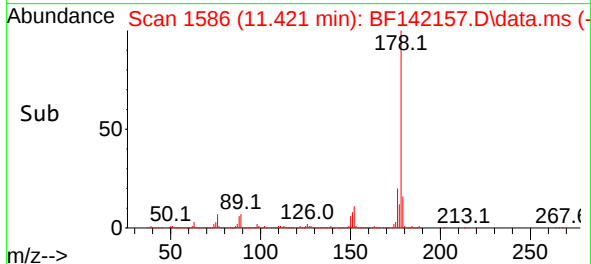
Instrument :
BNA_F
ClientSampleId :
PAT-1-032525MS



Tgt Ion:178 Resp: 1597489
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.8
179 15.7 12.6 19.0

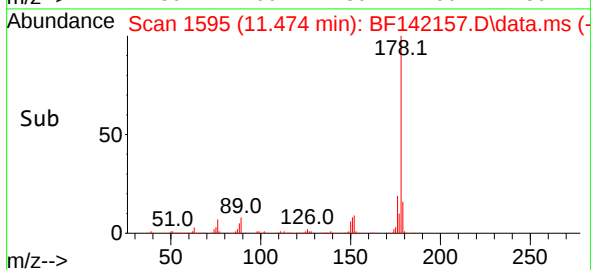
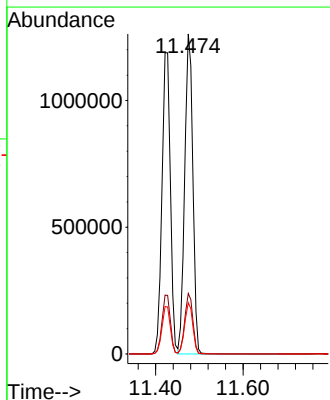
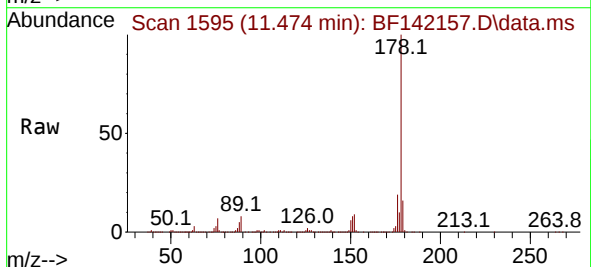
Manual Integrations
APPROVED

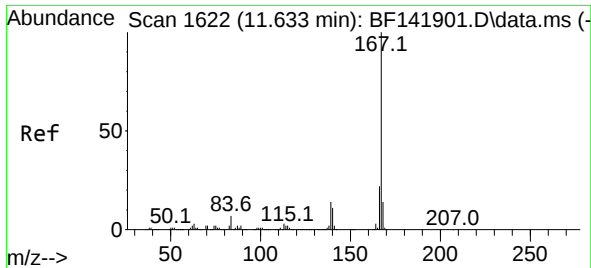
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025



#72
Anthracene
Concen: 56.765 ng
RT: 11.474 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF142157.D
Acq: 28 Mar 2025 13:38

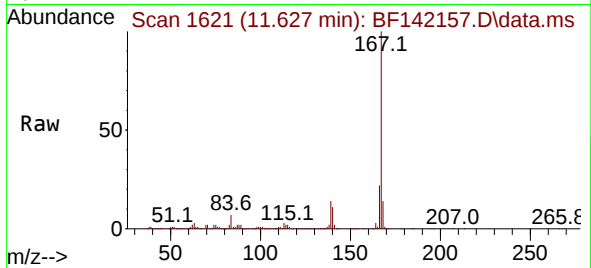
Tgt Ion:178 Resp: 1614316
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 16.0 12.6 19.0





#73
 Carbazole
 Concen: 55.053 ng
 RT: 11.627 min Scan# 1621
 Delta R.T. -0.006 min
 Lab File: BF142157.D
 Acq: 28 Mar 2025 13:38

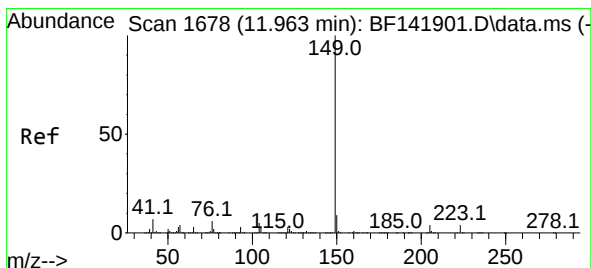
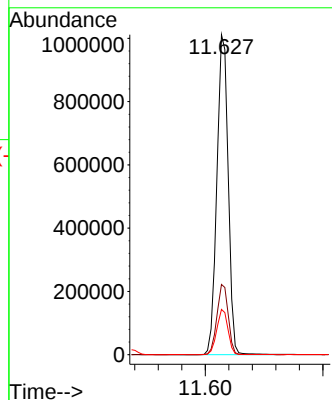
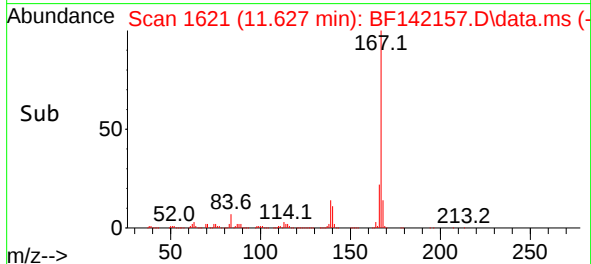
Instrument :
 BNA_F
 ClientSampleId :
 PAT-1-032525MS



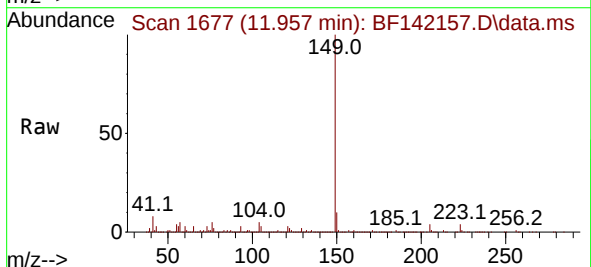
Tgt Ion:167 Resp: 1350224
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.2
 139 14.1 11.0 16.6

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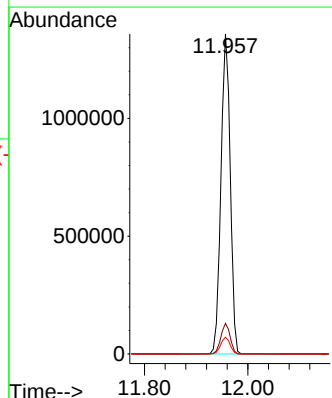
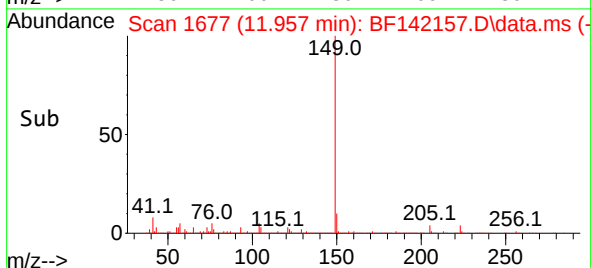
Reviewed By :Anahy Claudio 03/31/2025
 Supervised By :Jagrut Upadhyay 03/31/2025

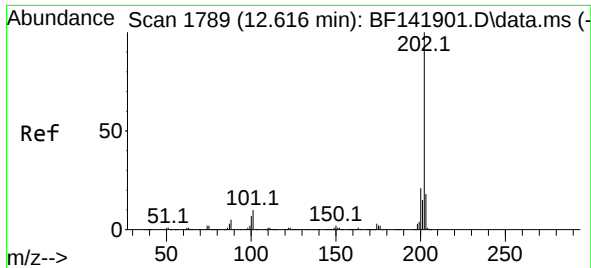


#74
 Di-n-butylphthalate
 Concen: 52.039 ng
 RT: 11.957 min Scan# 1677
 Delta R.T. -0.006 min
 Lab File: BF142157.D
 Acq: 28 Mar 2025 13:38



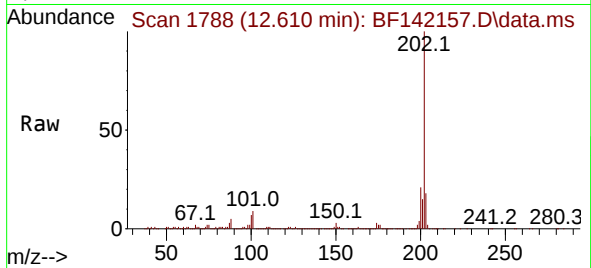
Tgt Ion:149 Resp: 1693504
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.6 11.4
 104 5.3 4.4 6.6





#75
Fluoranthene
Concen: 48.360 ng
RT: 12.610 min Scan# 1789
Delta R.T. -0.006 min
Lab File: BF142157.D
Acq: 28 Mar 2025 13:38

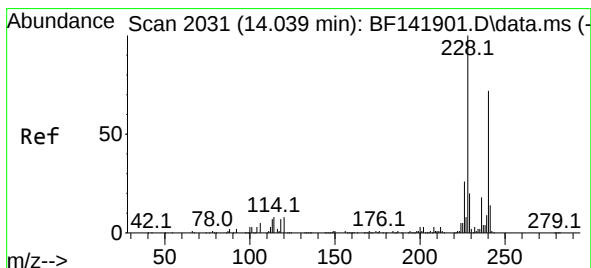
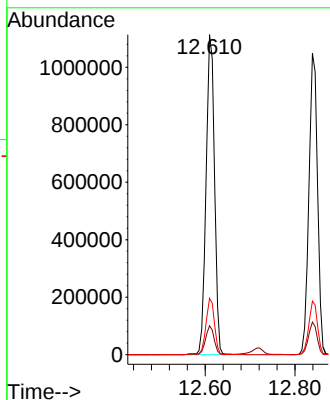
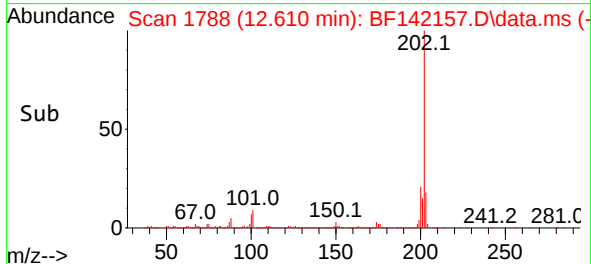
Instrument :
BNA_F
ClientSampleId :
PAT-1-032525MS



Tgt Ion:202 Resp: 1454100
Ion Ratio Lower Upper
202 100
101 9.0 0.0 29.7
203 17.6 0.0 37.8

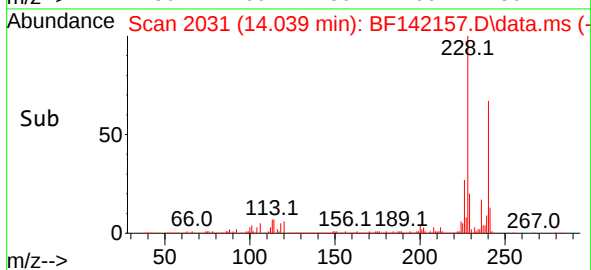
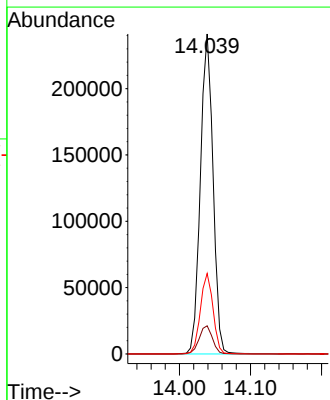
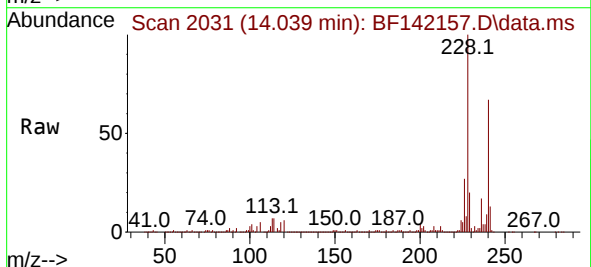
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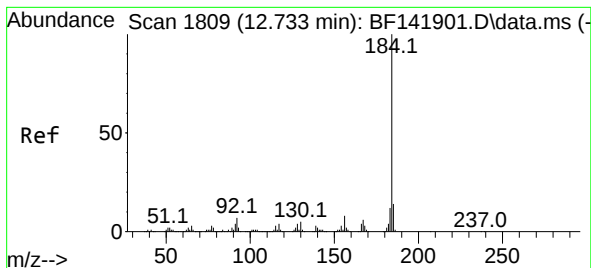
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF142157.D
Acq: 28 Mar 2025 13:38

Tgt Ion:240 Resp: 299750
Ion Ratio Lower Upper
240 100
120 8.8 8.4 12.6
236 25.2 20.5 30.7





#77

Benzidine

Concen: 26.602 ng

RT: 12.733 min Scan# 1809

Delta R.T. 0.000 min

Lab File: BF142157.D

Acq: 28 Mar 2025 13:38

Instrument :

BNA_F

ClientSampleId :

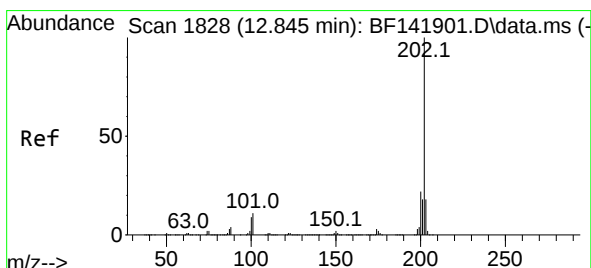
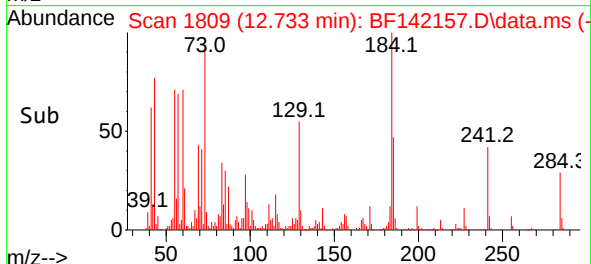
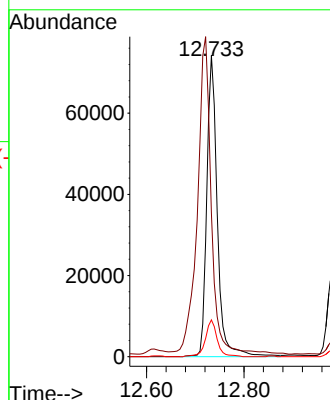
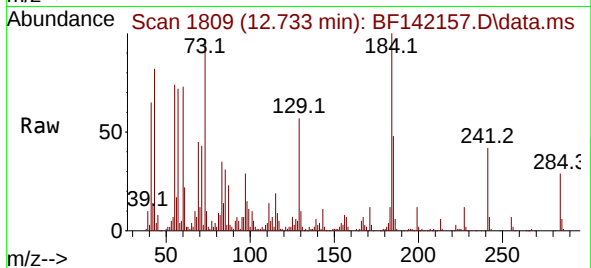
PAT-1-032525MS

Tgt Ion:184 Resp: 11125
 Ion Ratio Lower Upper
 184 100
 185 47.7 11.5 17.3
 183 12.2 9.7 14.5

Manual Integrations

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



#78

Pyrene

Concen: 53.830 ng

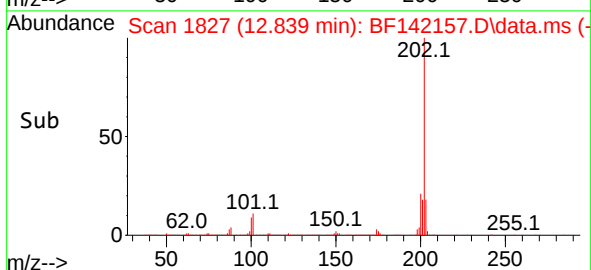
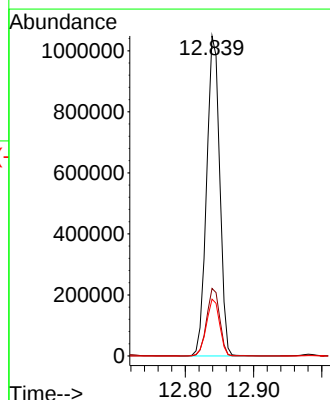
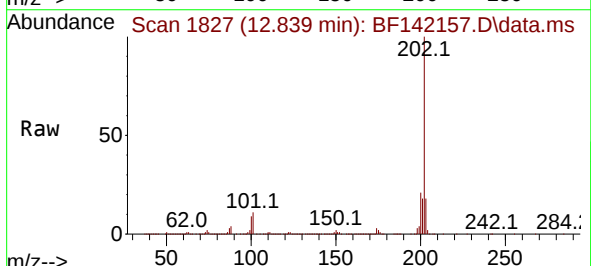
RT: 12.839 min Scan# 1827

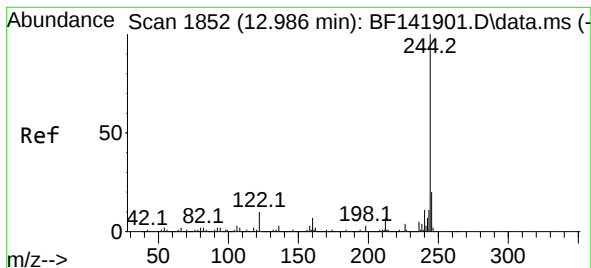
Delta R.T. -0.006 min

Lab File: BF142157.D

Acq: 28 Mar 2025 13:38

Tgt Ion:202 Resp: 1395745
 Ion Ratio Lower Upper
 202 100
 200 21.1 17.3 25.9
 203 17.8 14.4 21.6





#79

Terphenyl-d14

Concen: 99.905 ng

RT: 12.980 min Scan# 1852

Delta R.T. -0.006 min

Lab File: BF142157.D

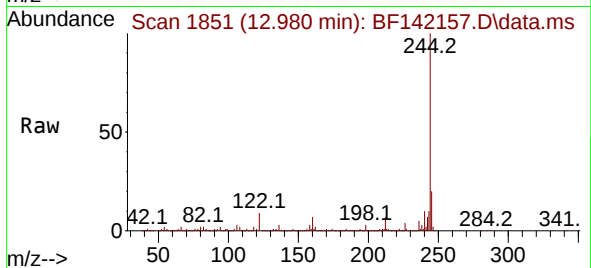
Acq: 28 Mar 2025 13:38

Instrument :

BNA_F

ClientSampleId :

PAT-1-032525MS



Tgt Ion:244 Resp: 202553

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

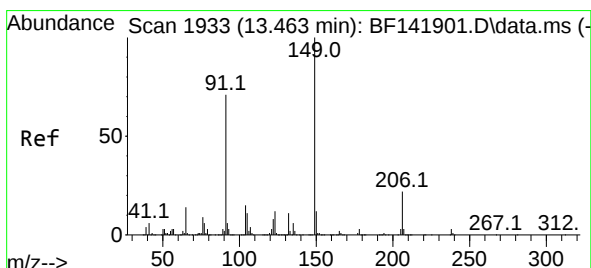
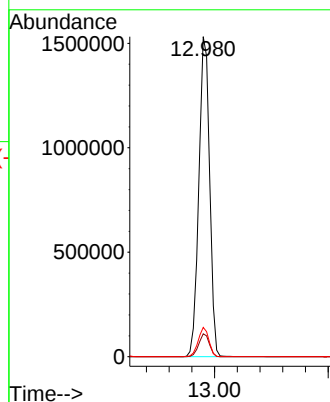
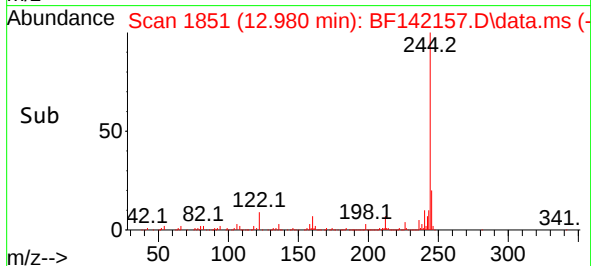
122 9.1 7.7 11.5

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/31/2025

Supervised By :Jagrut Upadhyay 03/31/2025



#80

Butylbenzylphthalate

Concen: 52.518 ng

RT: 13.457 min Scan# 1932

Delta R.T. -0.006 min

Lab File: BF142157.D

Acq: 28 Mar 2025 13:38

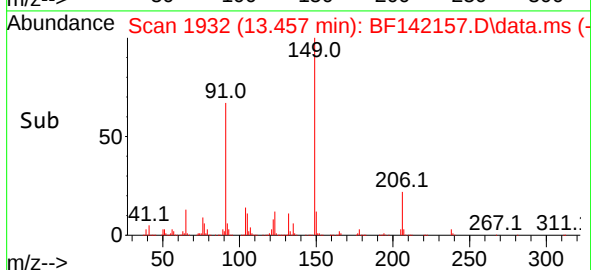
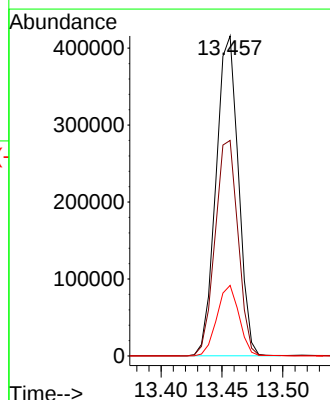
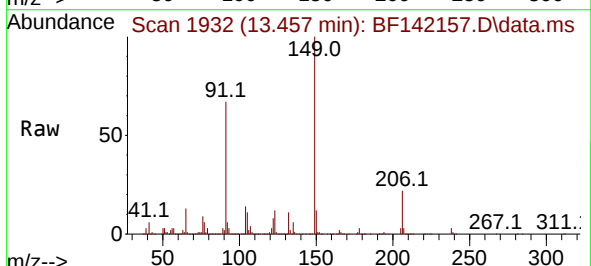
Tgt Ion:149 Resp: 532988

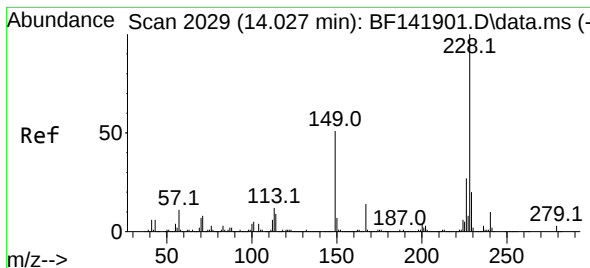
Ion Ratio Lower Upper

149 100

91 67.3 56.5 84.7

206 22.0 17.3 25.9





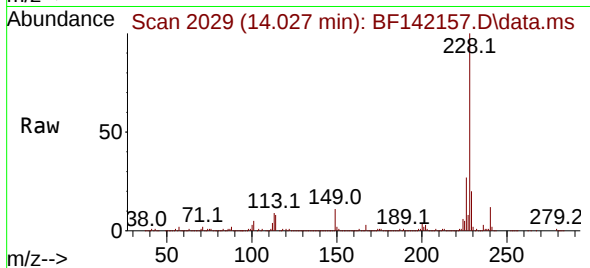
#81
Benzo(a)anthracene
Concen: 56.419 ng
RT: 14.027 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF142157.D
Acq: 28 Mar 2025 13:38

Instrument :

BNA_F

ClientSampleId :

PAT-1-032525MS

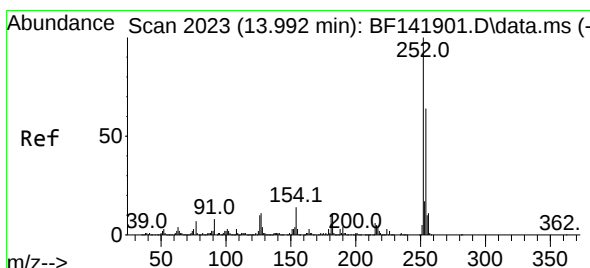
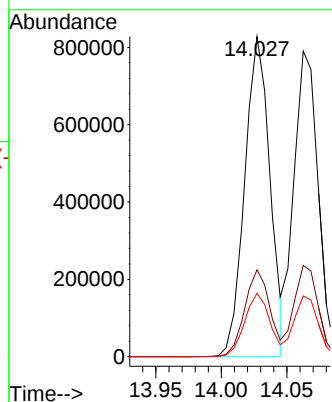
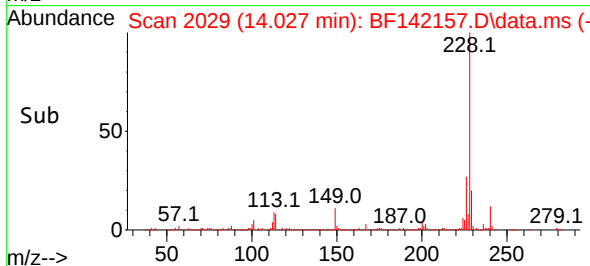


Tgt Ion:228 Resp: 110974
Ion Ratio Lower Upper
228 100
226 27.2 21.8 32.8
229 19.8 16.0 24.0

Manual Integrations

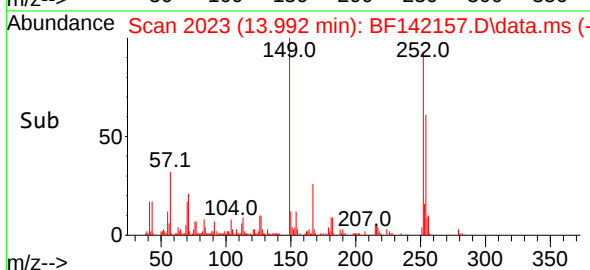
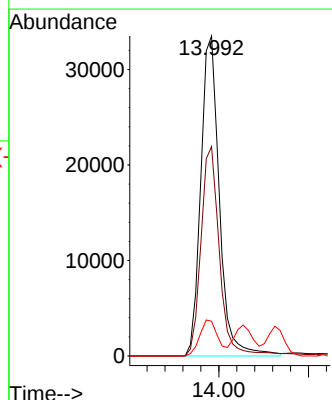
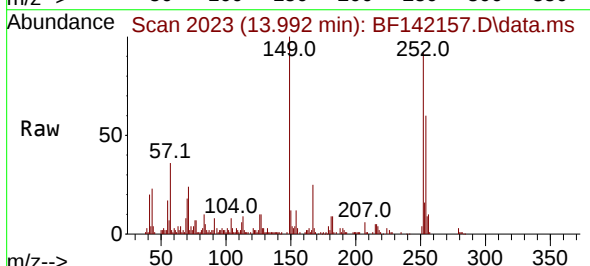
APPROVED

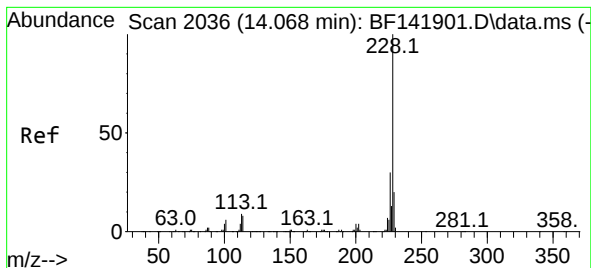
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025



#82
3,3'-Dichlorobenzidine
Concen: 8.472 ng
RT: 13.992 min Scan# 2023
Delta R.T. -0.000 min
Lab File: BF142157.D
Acq: 28 Mar 2025 13:38

Tgt Ion:252 Resp: 48155
Ion Ratio Lower Upper
252 100
254 65.4 51.0 76.6
126 10.8 8.4 12.6





#83

Chrysene

Concen: 57.052 ng

RT: 14.062 min Scan# 2036

Delta R.T. -0.006 min

Lab File: BF142157.D

Acq: 28 Mar 2025 13:38

Instrument :

BNA_F

ClientSampleId :

PAT-1-032525MS

Tgt Ion:228 Resp: 101723

Ion Ratio Lower Upper

228 100

226 29.8 24.1 36.1

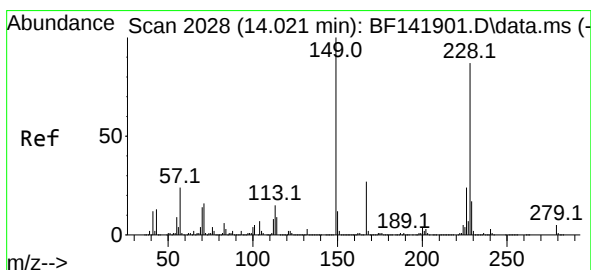
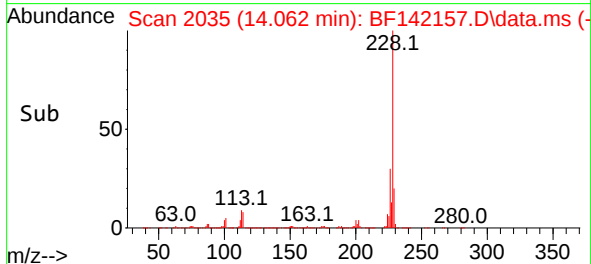
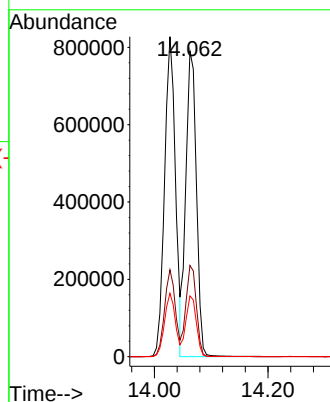
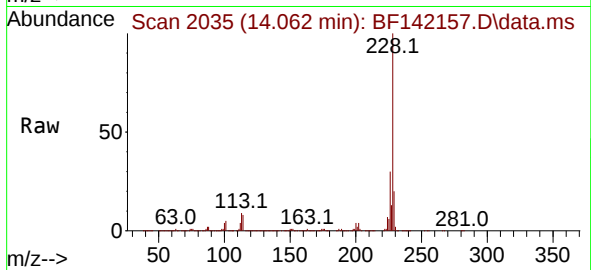
229 19.9 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/31/2025

Supervised By :Jagrut Upadhyay 03/31/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.745 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.012 min

Lab File: BF142157.D

Acq: 28 Mar 2025 13:38

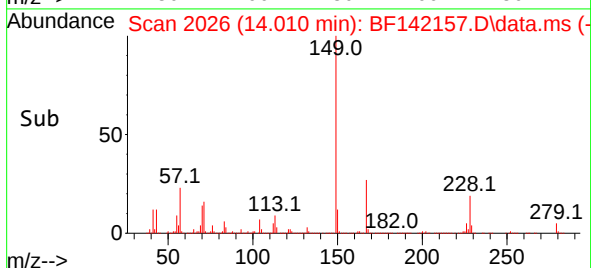
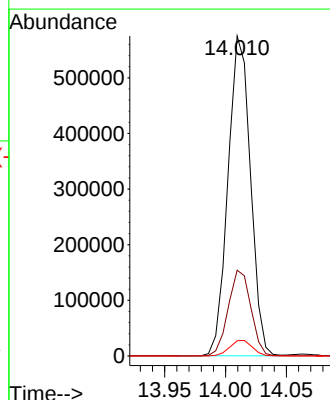
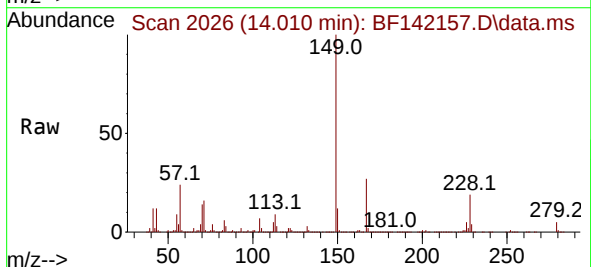
Tgt Ion:149 Resp: 738046

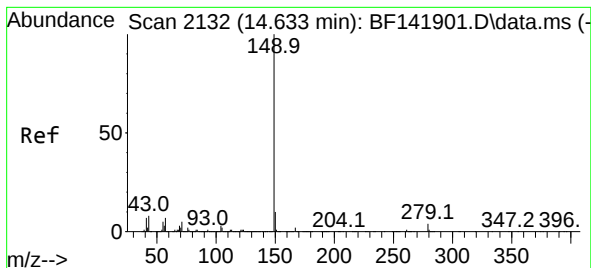
Ion Ratio Lower Upper

149 100

167 26.8 21.4 32.0

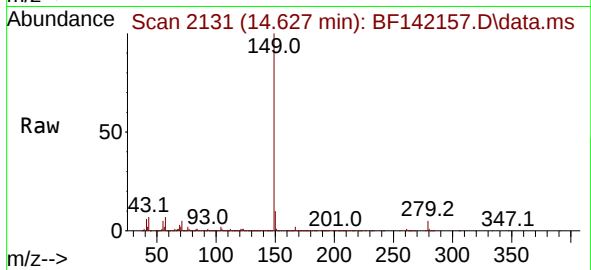
279 4.7 3.8 5.6





#85
Di-n-octyl phthalate
Concen: 63.657 ng
RT: 14.627 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BF142157.D
Acq: 28 Mar 2025 13:38

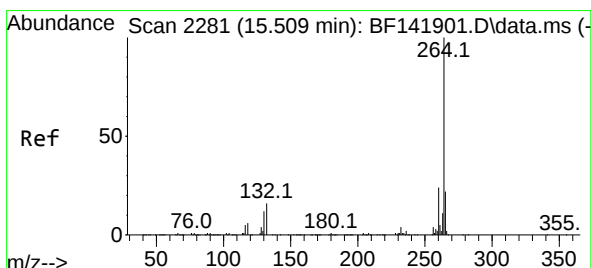
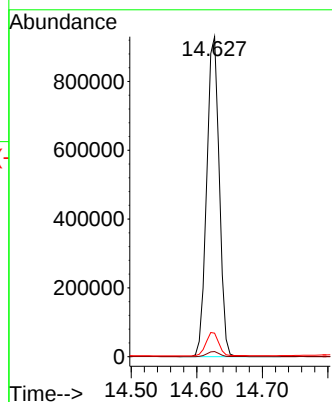
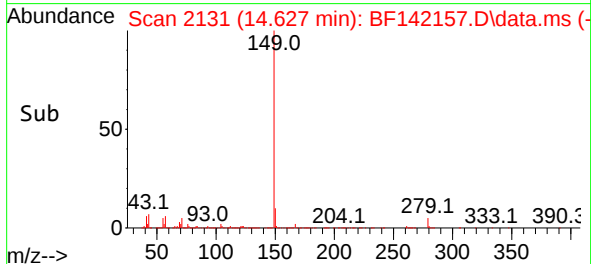
Instrument :
BNA_F
ClientSampleId :
PAT-1-032525MS



Tgt Ion:149 Resp: 1239364
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.6 6.9 10.3

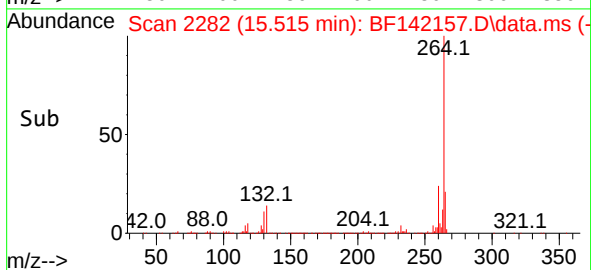
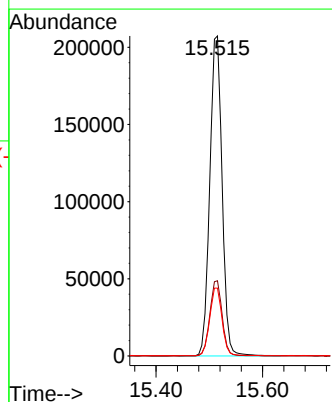
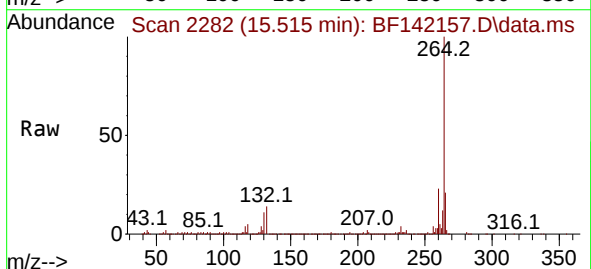
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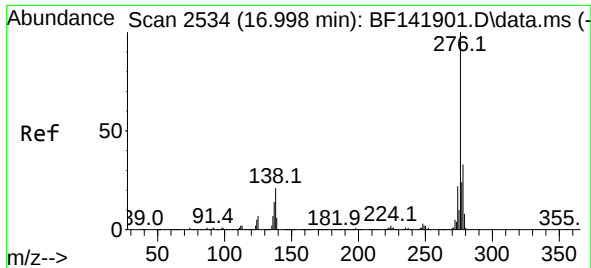
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2282
Delta R.T. 0.006 min
Lab File: BF142157.D
Acq: 28 Mar 2025 13:38

Tgt Ion:264 Resp: 332592
Ion Ratio Lower Upper
264 100
260 23.5 19.1 28.7
265 21.2 17.5 26.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 64.121 ng
RT: 17.015 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF142157.D
Acq: 28 Mar 2025 13:38

Instrument :

BNA_F

ClientSampleId :

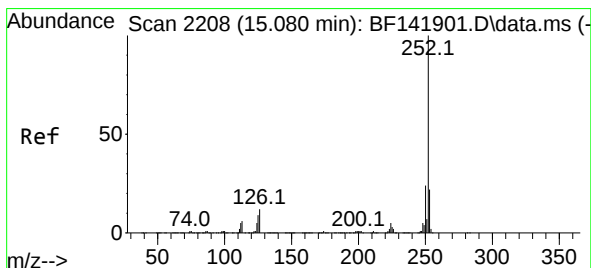
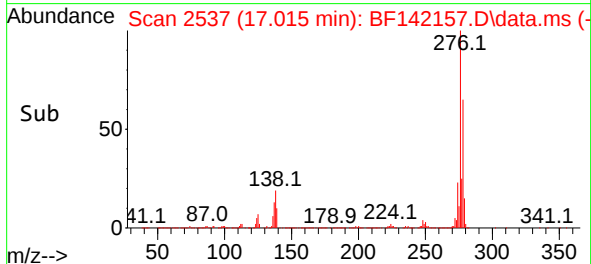
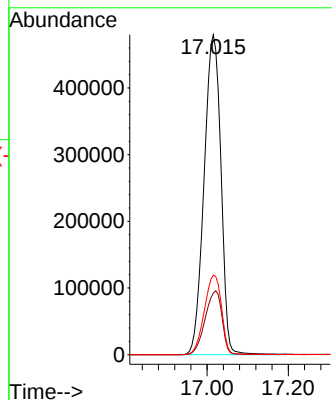
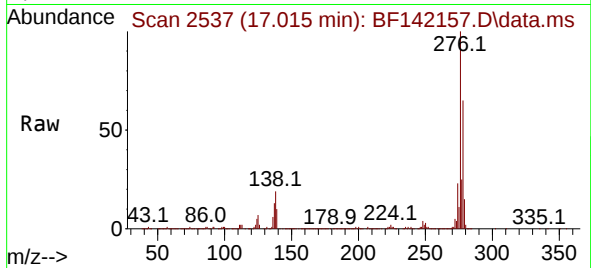
PAT-1-032525MS

Tgt Ion:276 Resp: 137956
Ion Ratio Lower Upper
276 100
138 20.1 18.4 27.6
277 25.4 20.3 30.5

Manual Integrations

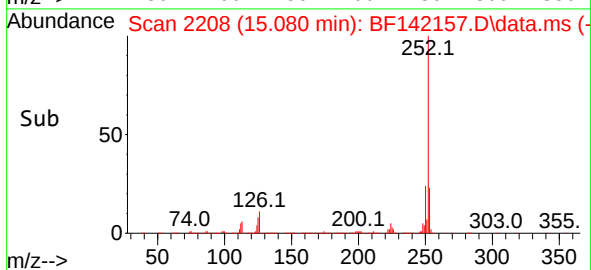
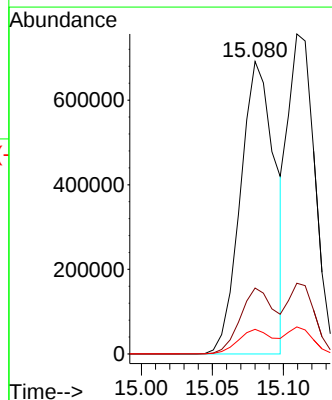
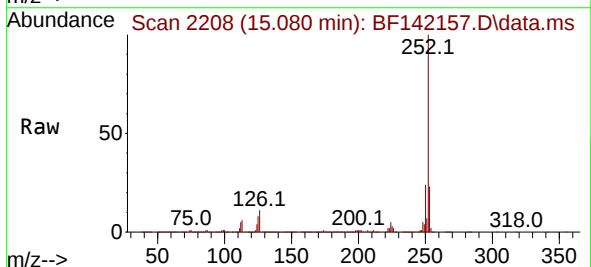
APPROVED

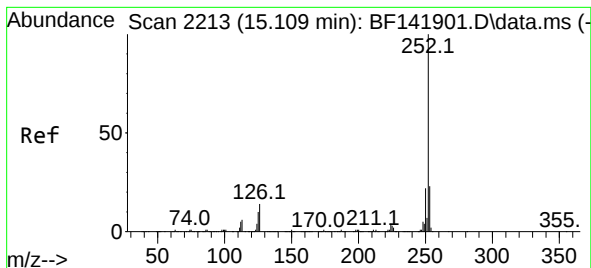
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025



#88
Benzo(b)fluoranthene
Concen: 51.352 ng
RT: 15.080 min Scan# 2208
Delta R.T. -0.000 min
Lab File: BF142157.D
Acq: 28 Mar 2025 13:38

Tgt Ion:252 Resp: 1170548
Ion Ratio Lower Upper
252 100
253 22.6 17.5 26.3
125 8.4 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 50.977 ng

RT: 15.109 min Scan# 2213

Delta R.T. 0.000 min

Lab File: BF142157.D

Acq: 28 Mar 2025 13:38

Instrument :

BNA_F

ClientSampleId :

PAT-1-032525MS

Tgt Ion:252 Resp: 994400

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

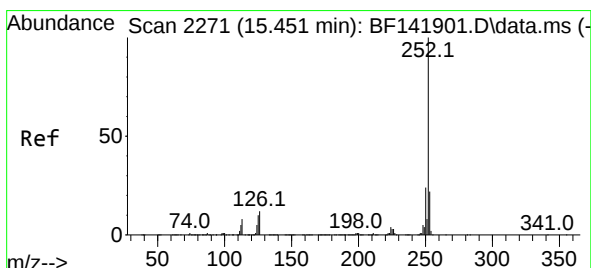
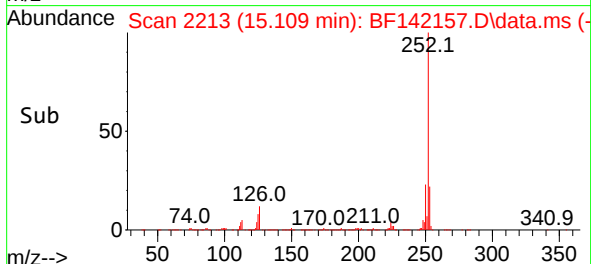
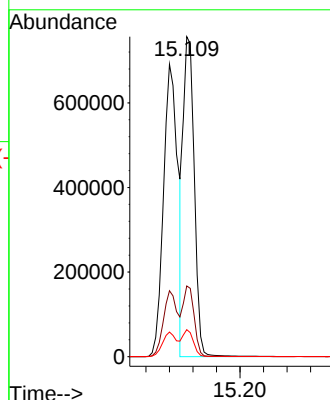
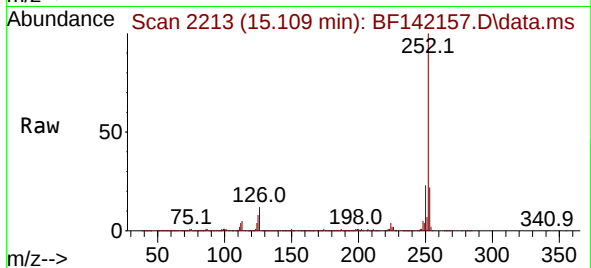
125 8.5 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/31/2025

Supervised By :Jagrut Upadhyay 03/31/2025



#90

Benzo(a)pyrene

Concen: 59.054 ng

RT: 15.451 min Scan# 2271

Delta R.T. 0.000 min

Lab File: BF142157.D

Acq: 28 Mar 2025 13:38

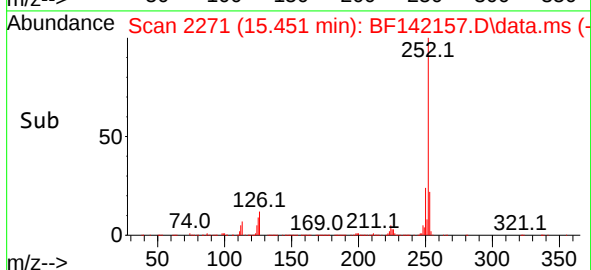
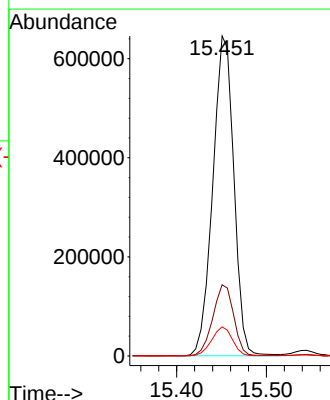
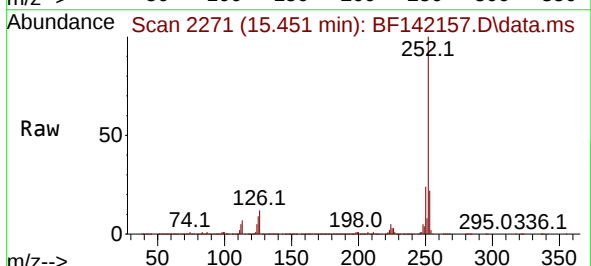
Tgt Ion:252 Resp: 1053281

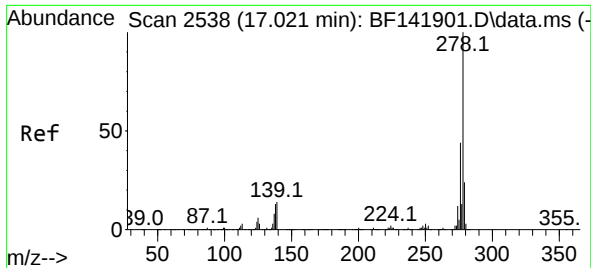
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

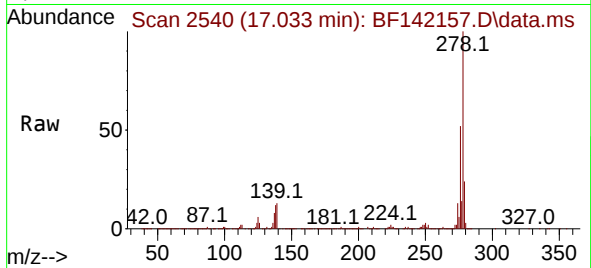
125 9.1 7.8 11.8





#91
Dibenzo(a,h)anthracene
Concen: 64.520 ng
RT: 17.033 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF142157.D
Acq: 28 Mar 2025 13:38

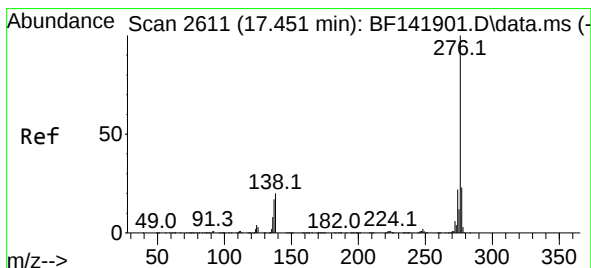
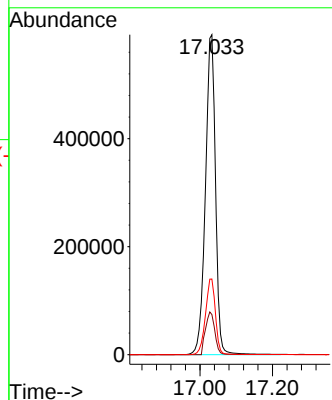
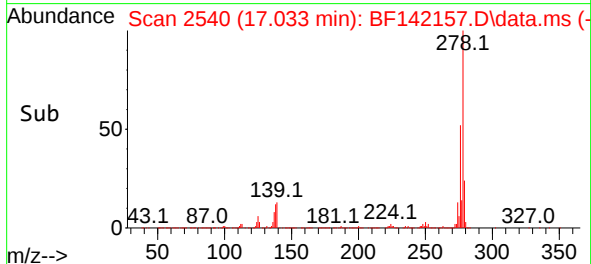
Instrument :
BNA_F
ClientSampleId :
PAT-1-032525MS



Tgt Ion:278 Resp: 1145319
Ion Ratio Lower Upper
278 100
139 12.5 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: 60.555 ng
RT: 17.468 min Scan# 2614
Delta R.T. 0.018 min
Lab File: BF142157.D
Acq: 28 Mar 2025 13:38

Tgt Ion:276 Resp: 1062252
Ion Ratio Lower Upper
276 100
277 23.6 18.7 28.1
138 17.2 15.8 23.8

