

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051625\
 Data File : BF142421.D
 Acq On : 16 May 2025 12:11
 Operator : RC/JU
 Sample : PB167970BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167970BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/19/2025
 Supervised By :Jagrut Upadhyay 05/19/2025

Quant Time: May 16 12:57:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 05 18:41:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	167037	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	659711	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	356050	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	608621	20.000	ng	0.00
76) Chrysene-d12	14.069	240	331822	20.000	ng	0.00
86) Perylene-d12	15.557	264	355407	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1164348	118.993	ng	0.02
7) Phenol-d6	6.534	99	1420182	118.007	ng	0.01
23) Nitrobenzene-d5	7.469	82	871100	80.529	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	484546	140.955	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1801941	72.162	ng	0.00
79) Terphenyl-d14	13.016	244	1735001	77.390	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.775	88	133682	30.338	ng	98
3) Pyridine	3.528	79	384444	37.161	ng	97
4) n-Nitrosodimethylamine	3.481	42	225409	37.489	ng	96
6) Aniline	6.569	93	576888	48.871	ng	98
8) 2-Chlorophenol	6.687	128	461216	44.109	ng	98
9) Benzaldehyde	6.451	77	167403	23.766	ng	99
10) Phenol	6.546	94	562336	44.081	ng	93
11) bis(2-Chloroethyl)ether	6.640	93	423625	33.674	ng	98
12) 1,3-Dichlorobenzene	6.846	146	480111	40.134	ng	99
13) 1,4-Dichlorobenzene	6.922	146	489445	40.750	ng	99
14) 1,2-Dichlorobenzene	7.075	146	472138	40.953	ng	99
15) Benzyl Alcohol	7.045	79	370977	47.604	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	713809	37.996	ng	98
17) 2-Methylphenol	7.151	107	363135	42.896	ng	99
18) Hexachloroethane	7.416	117	169570	42.432	ng	100
19) n-Nitroso-di-n-propyla...	7.316	70	304020	40.840	ng	97
20) 3+4-Methylphenols	7.304	107	445069	42.126	ng	92
22) Acetophenone	7.310	105	582610	39.719	ng	94
24) Nitrobenzene	7.487	77	449567	44.090	ng	97
25) Isophorone	7.722	82	839557	40.986	ng	99
26) 2-Nitrophenol	7.798	139	248326	50.311	ng	100
27) 2,4-Dimethylphenol	7.834	122	439703	42.695	ng	99
28) bis(2-Chloroethoxy)met...	7.934	93	521371	39.583	ng	100
29) 2,4-Dichlorophenol	8.040	162	395052	45.119	ng	100
30) 1,2,4-Trichlorobenzene	8.128	180	411341	41.744	ng	99
31) Naphthalene	8.210	128	1293585	40.458	ng	99
32) Benzoic acid	7.957	122	312828m	54.459	ng	
33) 4-Chloroaniline	8.251	127	241926m	18.543	ng	
34) Hexachlorobutadiene	8.322	225	248948	42.665	ng	99
35) Caprolactam	8.622	113	126640m	49.628	ng	
36) 4-Chloro-3-methylphenol	8.734	107	401914	44.158	ng	99
37) 2-Methylnaphthalene	8.898	142	817950	41.170	ng	99
38) 1-Methylnaphthalene	8.998	142	847951	40.949	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	407313	40.960	ng	99
41) Hexachlorocyclopentadiene	9.051	237	560730	91.239	ng	98
43) 2,4,6-Trichlorophenol	9.175	196	290741	46.352	ng	98

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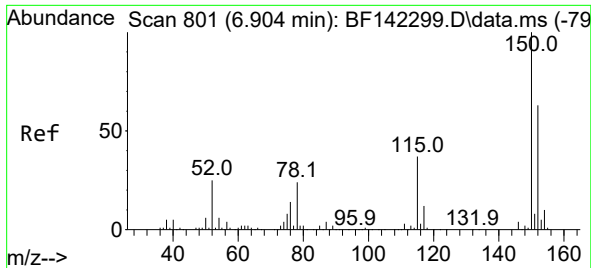
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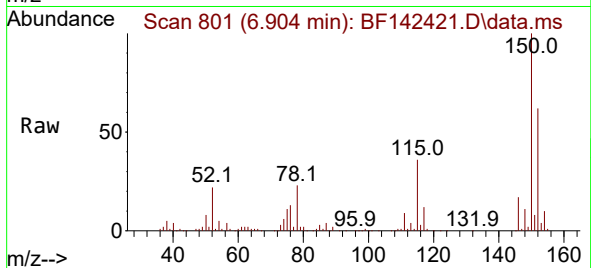
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	312749	46.861	ng	98
46) 1,1'-Biphenyl	9.363	154	1113691	40.795	ng	99
47) 2-Chloronaphthalene	9.387	162	830419	40.903	ng	99
48) 2-Nitroaniline	9.481	65	261101	50.174	ng	94
49) Acenaphthylene	9.804	152	1405448	41.382	ng	100
50) Dimethylphthalate	9.663	163	985285	43.095	ng	100
51) 2,6-Dinitrotoluene	9.722	165	223276	52.173	ng	91
52) Acenaphthene	9.975	154	950791	46.559	ng	99
53) 3-Nitroaniline	9.892	138	164392	32.753	ng	94
54) 2,4-Dinitrophenol	9.998	184	271892	117.470	ng	# 1
55) Dibenzofuran	10.151	168	1232277	40.887	ng	100
56) 4-Nitrophenol	10.051	139	392129	103.808	ng	97
57) 2,4-Dinitrotoluene	10.128	165	301581	54.938	ng	95
58) Fluorene	10.492	166	942612	40.983	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.263	232	266546	48.380	ng	99
60) Diethylphthalate	10.363	149	970248	42.495	ng	99
61) 4-Chlorophenyl-phenyle...	10.481	204	466522	42.042	ng	99
62) 4-Nitroaniline	10.510	138	232693	58.495	ng	99
63) Azobenzene	10.639	77	882138	40.432	ng	99
65) 4,6-Dinitro-2-methylph...	10.534	198	164675	56.540	ng	96
66) n-Nitrosodiphenylamine	10.604	169	854210	42.178	ng	100
67) 4-Bromophenyl-phenylether	10.975	248	300785	43.607	ng	96
68) Hexachlorobenzene	11.039	284	335112	44.167	ng	95
69) Atrazine	11.128	200	256837	48.109	ng	100
70) Pentachlorophenol	11.233	266	411154	103.008	ng	99
71) Phenanthrene	11.457	178	1335202	41.853	ng	100
72) Anthracene	11.504	178	1371181	41.830	ng	100
73) Carbazole	11.657	167	1235690	42.018	ng	100
74) Di-n-butylphthalate	11.986	149	1397108	45.178	ng	100
75) Fluoranthene	12.639	202	1318375	41.341	ng	99
77) Benzidine	12.763	184	434342	72.028	ng	98
78) Pyrene	12.875	202	1300702	44.039	ng	99
80) Butylbenzylphthalate	13.486	149	405465	47.114	ng	98
81) Benzo(a)anthracene	14.057	228	937637	43.633	ng	99
82) 3,3'-Dichlorobenzidine	14.022	252	221534	44.331	ng	97
83) Chrysene	14.098	228	874922	43.735	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	534825	47.678	ng	99
85) Di-n-octyl phthalate	14.663	149	1001777	49.255	ng	97
87) Indeno(1,2,3-cd)pyrene	17.068	276	1111678	44.965	ng	98
88) Benzo(b)fluoranthene	15.121	252	902016	41.905	ng	99
89) Benzo(k)fluoranthene	15.151	252	869422	44.136	ng	100
90) Benzo(a)pyrene	15.498	252	864988	44.843	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	906023	44.358	ng	98
92) Benzo(g,h,i)perylene	17.527	276	890132	43.909	ng	97

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF142421.D
 Acq: 16 May 2025 12:11

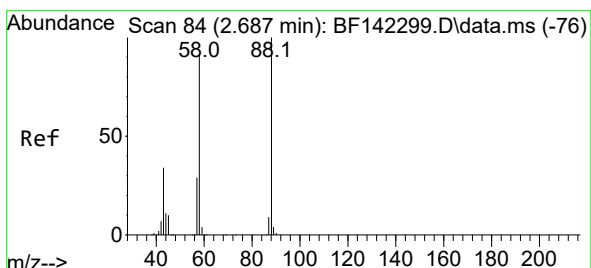
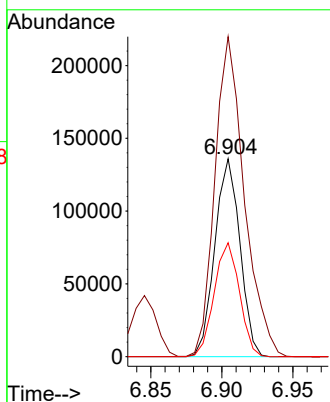
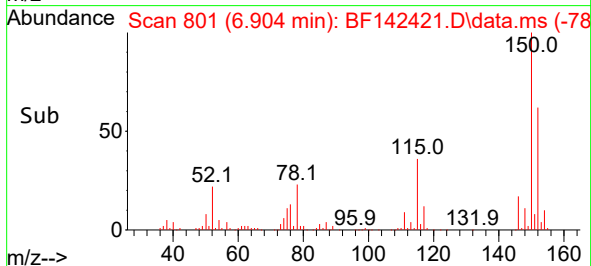
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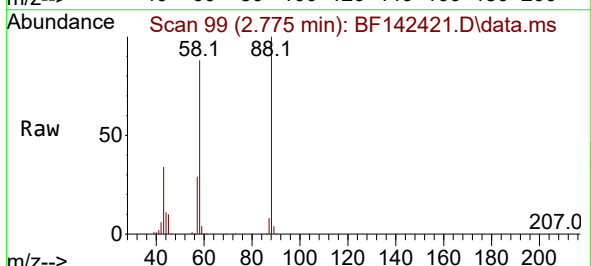
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 Ion Ratio Lower Upper
 152 100
 150 161.7 126.6 190.0
 115 57.5 47.3 70.9

Manual Integrations
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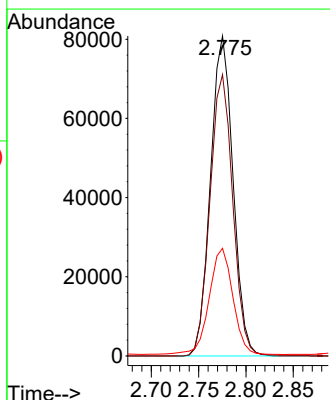
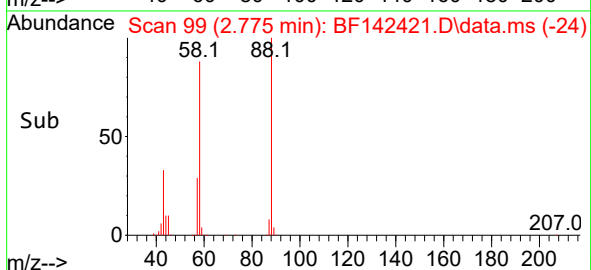
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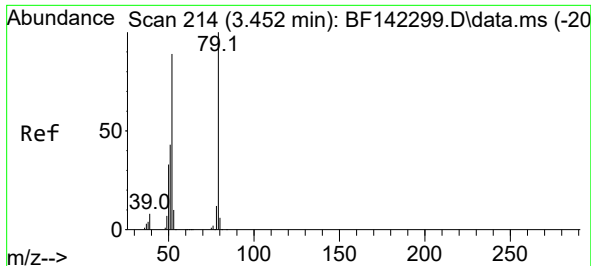


#2
 1,4-Dioxane
 Concen: 30.338 ng
 RT: 2.775 min Scan# 99
 Delta R.T. 0.088 min
 Lab File: BF142421.D
 Acq: 16 May 2025 12:11



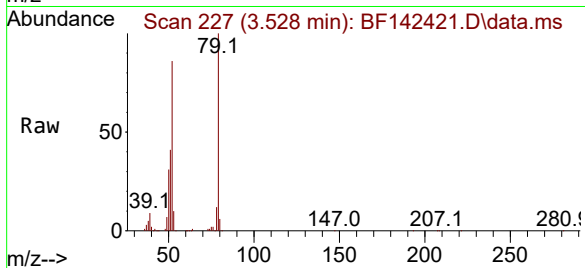
Tgt Ion: 88 Resp: 133682
 Ion Ratio Lower Upper
 88 100
 58 89.3 73.0 109.4
 43 34.8 27.8 41.6





#3
Pyridine
Concen: 37.161 ng
RT: 3.528 min Scan# 214
Delta R.T. 0.076 min
Lab File: BF142421.D
Acq: 16 May 2025 12:11

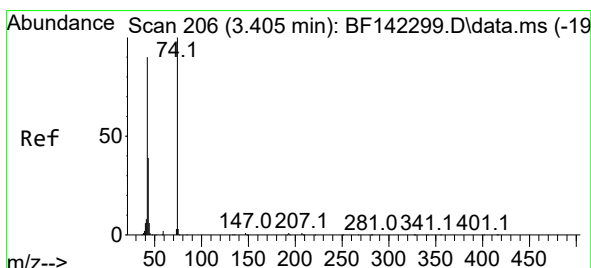
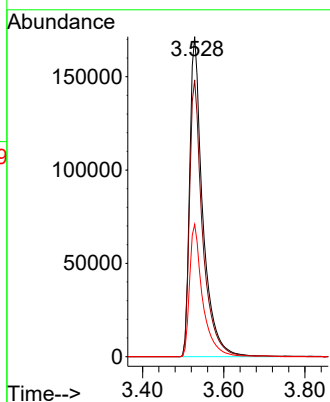
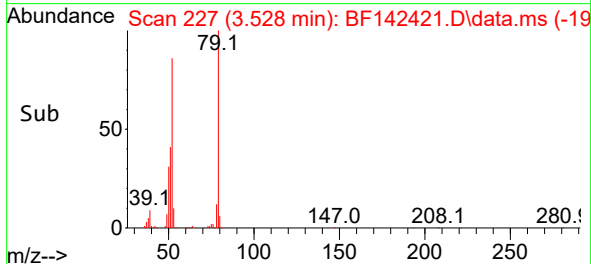
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ClientSampleId :
PB167970BS



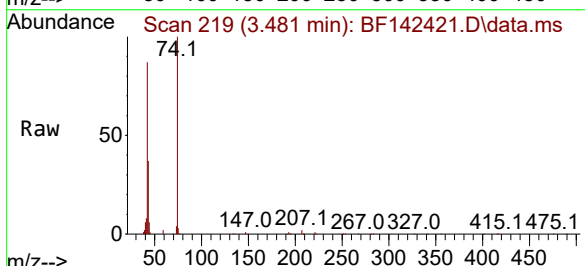
Tgt Ion: 79 Resp: 38444
Ion Ratio Lower Upper
79 100
52 86.5 71.0 106.4
51 41.4 34.9 52.3

Manual Integrations
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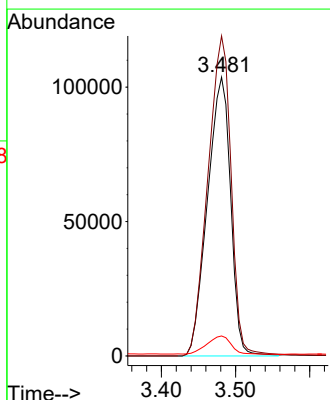
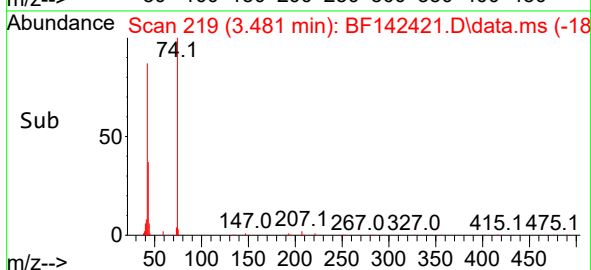
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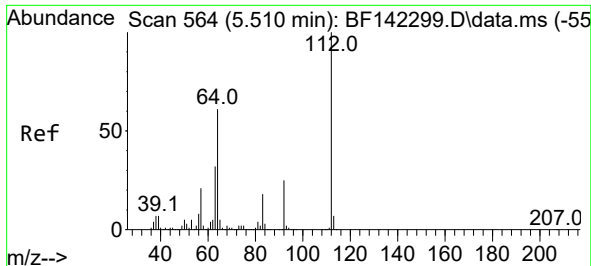


#4
n-Nitrosodimethylamine
Concen: 37.489 ng
RT: 3.481 min Scan# 219
Delta R.T. 0.076 min
Lab File: BF142421.D
Acq: 16 May 2025 12:11



Tgt Ion: 42 Resp: 225409
Ion Ratio Lower Upper
42 100
74 114.8 88.5 132.7
44 7.2 5.8 8.8





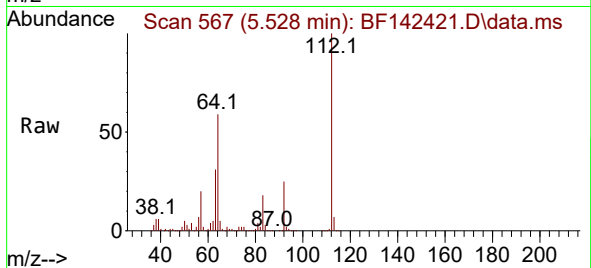
#5
2-Fluorophenol
Concen: 118.993 ng
RT: 5.528 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF142421.D
Acq: 16 May 2025 12:11

Instrument :

BNA_F

ClientSampleId :

PB167970BS



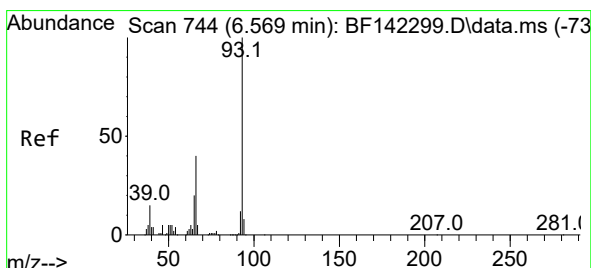
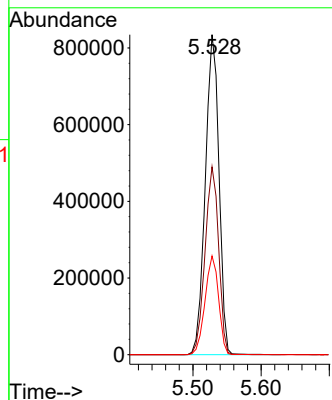
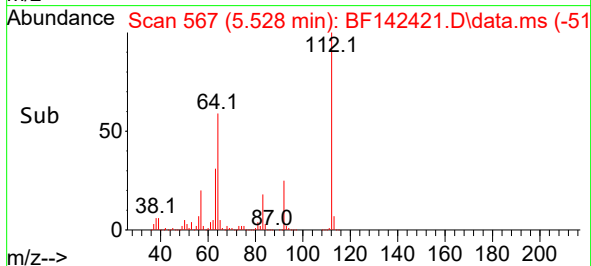
Tgt Ion:112 Resp: 116434
Ion Ratio Lower Upper
112 100
64 58.7 48.9 73.3
63 30.8 25.6 38.4

Manual Integrations

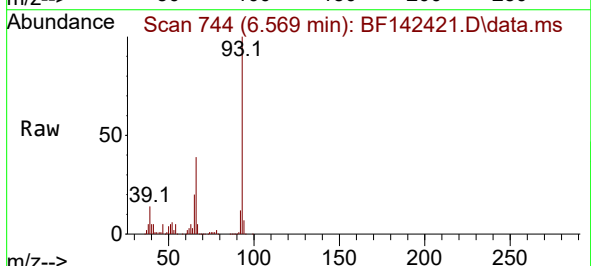
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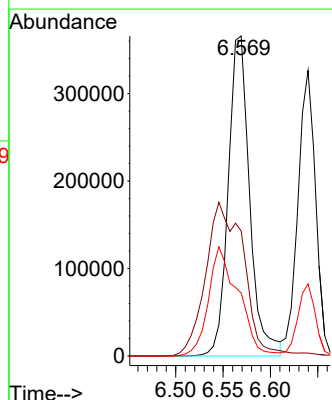
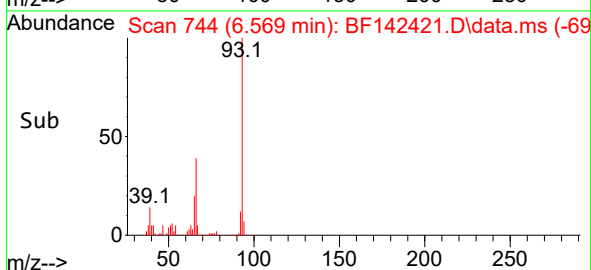
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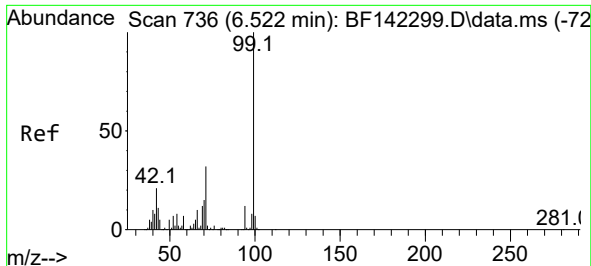


#6
Aniline
Concen: 48.871 ng
RT: 6.569 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF142421.D
Acq: 16 May 2025 12:11



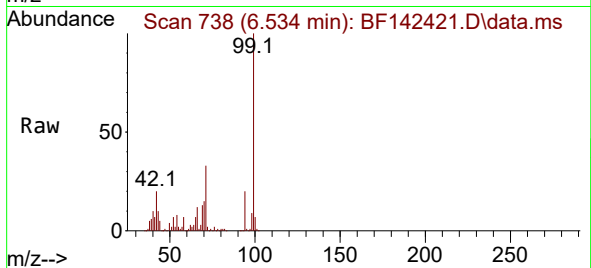
Tgt Ion: 93 Resp: 576888
Ion Ratio Lower Upper
93 100
66 39.0 32.2 48.4
65 19.7 16.3 24.5





#7
Phenol-d6
Concen: 118.007 ng
RT: 6.534 min Scan# 738
Delta R.T. 0.012 min
Lab File: BF142421.D
Acq: 16 May 2025 12:11

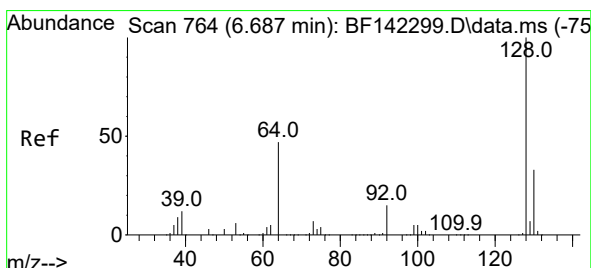
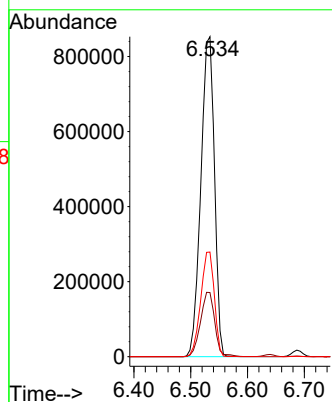
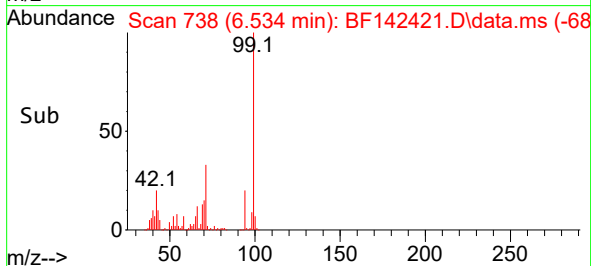
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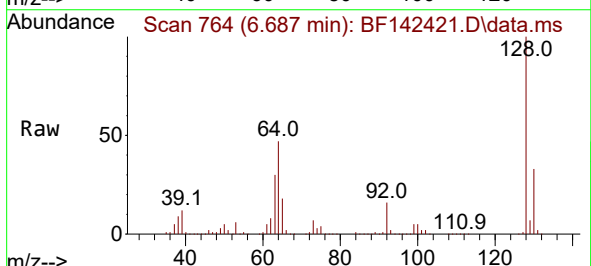
Tgt Ion: 99 Resp: 142018
Ion Ratio Lower Upper
99 100
42 20.0 17.0 25.4
71 32.7 25.8 38.8

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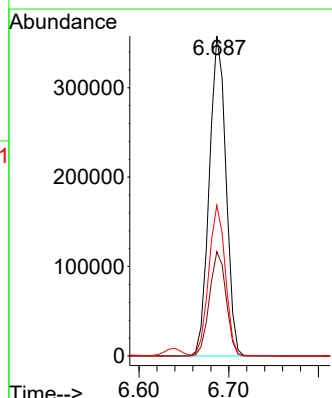
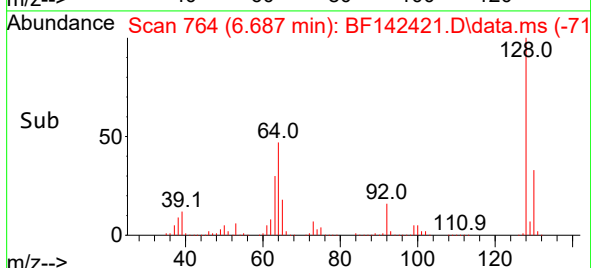
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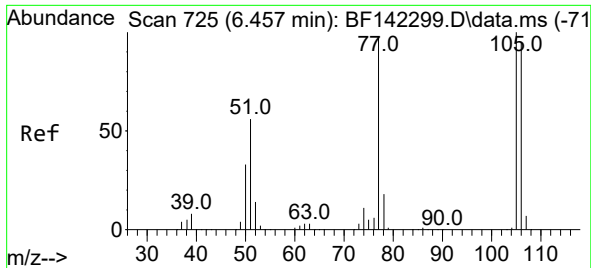


#8
2-Chlorophenol
Concen: 44.109 ng
RT: 6.687 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF142421.D
Acq: 16 May 2025 12:11



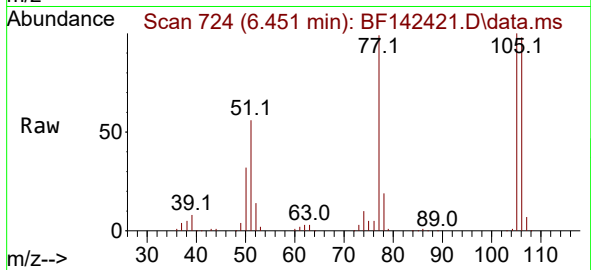
Tgt Ion:128 Resp: 461216
Ion Ratio Lower Upper
128 100
130 32.6 12.7 52.7
64 47.1 29.2 69.2





#9
Benzaldehyde
Concen: 23.766 ng
RT: 6.451 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142421.D
Acq: 16 May 2025 12:11

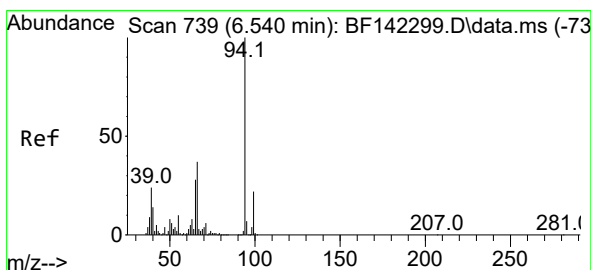
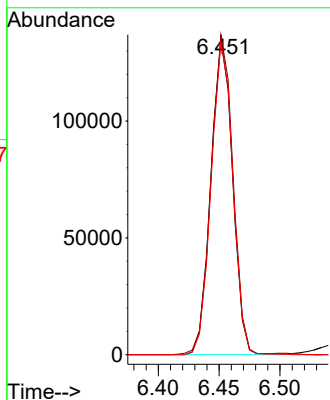
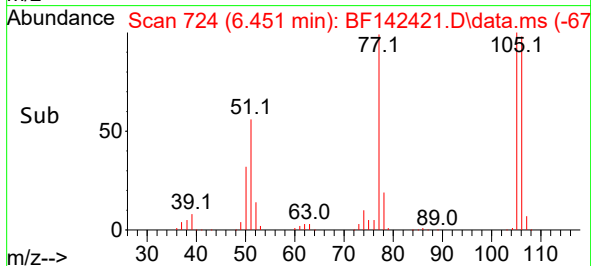
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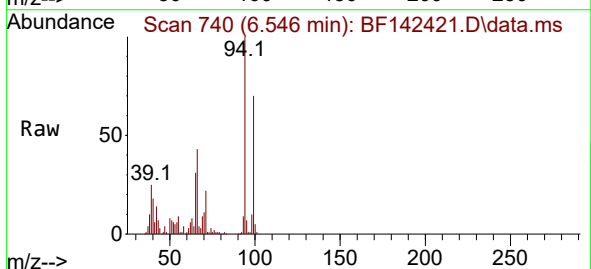
Tgt Ion: 77 Resp: 16740
Ion Ratio Lower Upper
77 100
105 101.2 82.0 122.0
106 98.9 77.2 117.2

Manual Integrations
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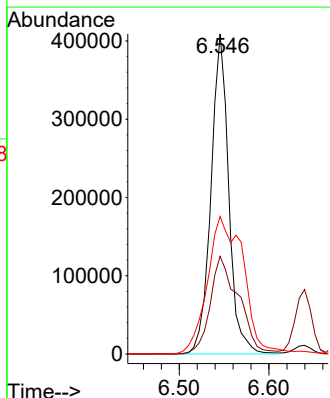
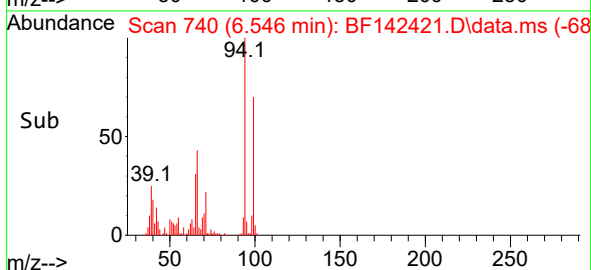
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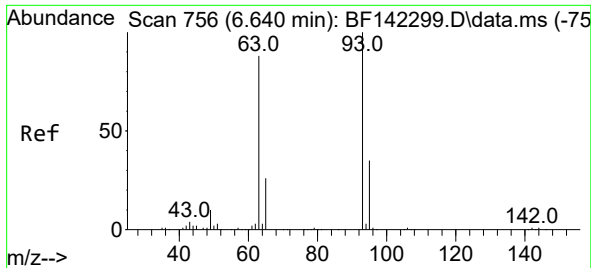


#10
Phenol
Concen: 44.081 ng
RT: 6.546 min Scan# 740
Delta R.T. 0.006 min
Lab File: BF142421.D
Acq: 16 May 2025 12:11



Tgt Ion: 94 Resp: 562336
Ion Ratio Lower Upper
94 100
65 30.5 8.5 48.5
66 43.0 17.3 57.3





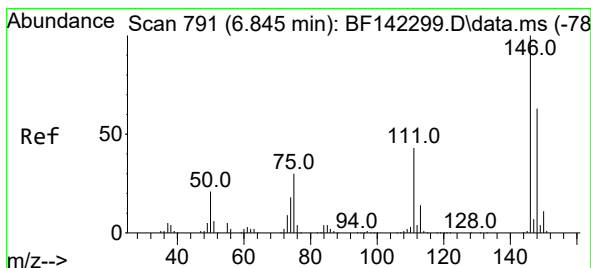
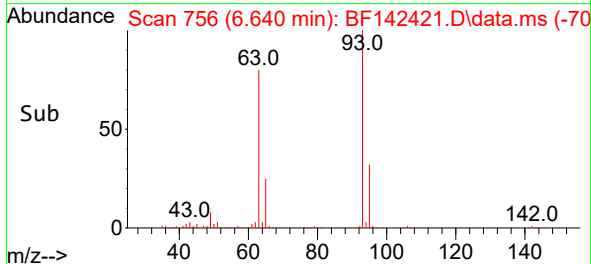
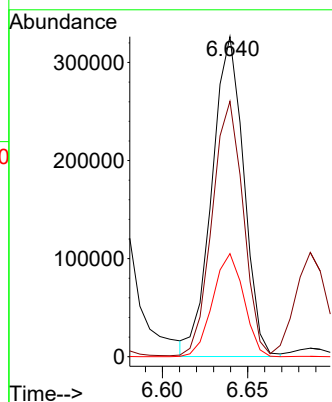
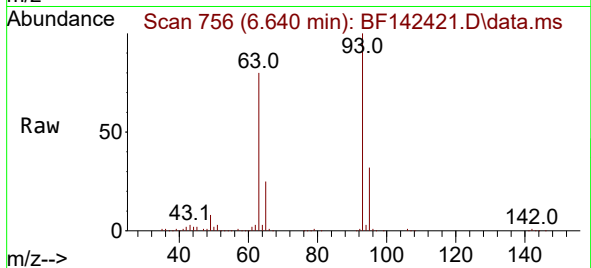
#11
bis(2-Chloroethyl)ether
Concen: 33.674 ng
RT: 6.640 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF142421.D
Acq: 16 May 2025 12:11

Instrument :
BNA_F
ClientSampleId :
PB167970BS

Tgt Ion: 93 Resp: 423625
Ion Ratio Lower Upper
93 100
63 79.8 58.4 98.4
95 32.2 10.6 50.6

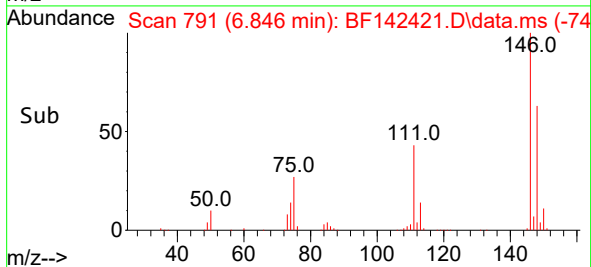
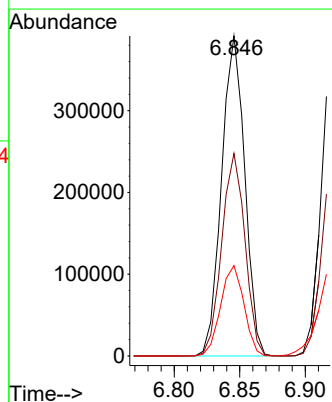
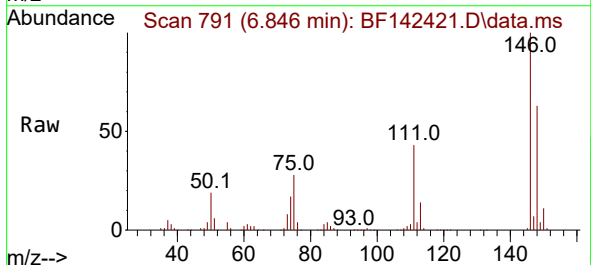
Manual Integrations
APPROVED

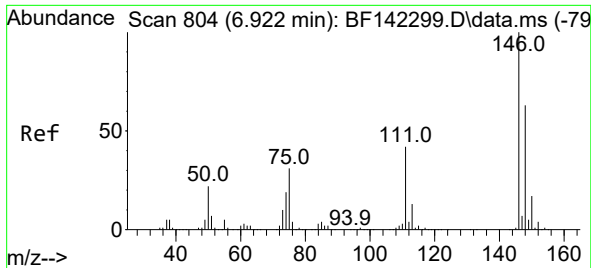
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025



#12
1,3-Dichlorobenzene
Concen: 40.134 ng
RT: 6.846 min Scan# 791
Delta R.T. 0.000 min
Lab File: BF142421.D
Acq: 16 May 2025 12:11

Tgt Ion:146 Resp: 480111
Ion Ratio Lower Upper
146 100
148 63.3 50.6 76.0
75 28.3 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 40.750 ng

RT: 6.922 min Scan# 804

Delta R.T. 0.000 min

Lab File: BF142421.D

Acq: 16 May 2025 12:11

Instrument :

BNA_F

ClientSampleId :

PB167970BS

Tgt Ion:146 Resp: 48944

Ion Ratio Lower Upper

146 100

148 63.0 50.5 75.7

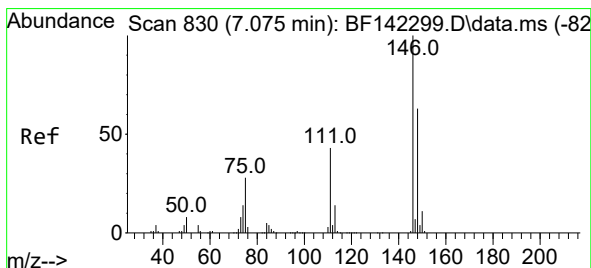
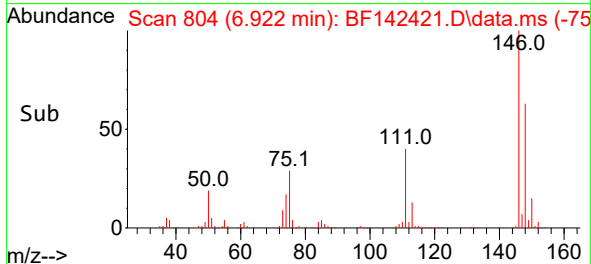
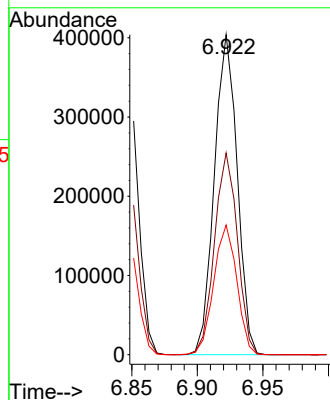
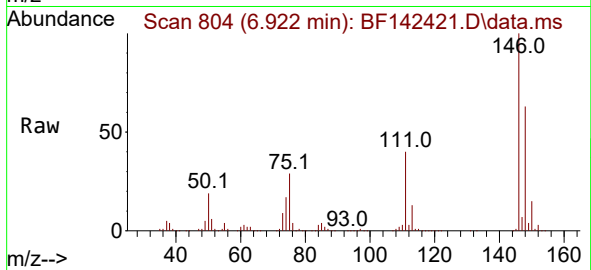
111 40.5 33.4 50.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/19/2025

Supervised By :Jagrut Upadhyay 05/19/2025



#14

1,2-Dichlorobenzene

Concen: 40.953 ng

RT: 7.075 min Scan# 830

Delta R.T. 0.000 min

Lab File: BF142421.D

Acq: 16 May 2025 12:11

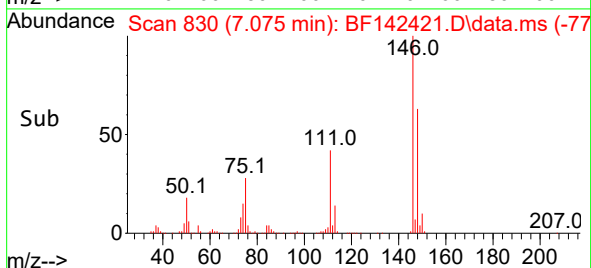
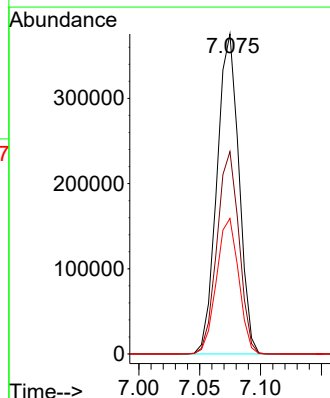
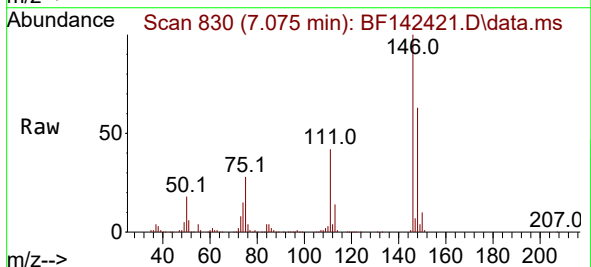
Tgt Ion:146 Resp: 472138

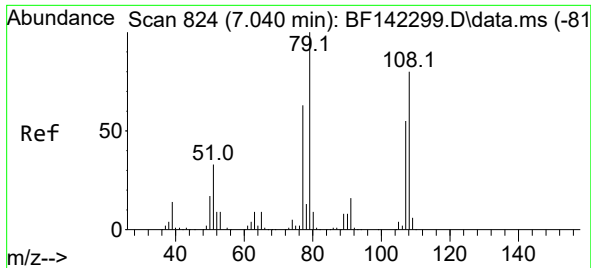
Ion Ratio Lower Upper

146 100

148 63.3 50.3 75.5

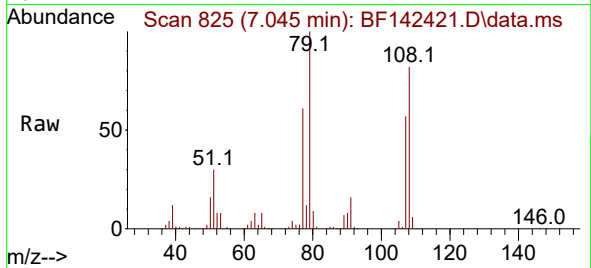
111 42.4 34.5 51.7





#15
Benzyl Alcohol
Concen: 47.604 ng
RT: 7.045 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF142421.D
Acq: 16 May 2025 12:11

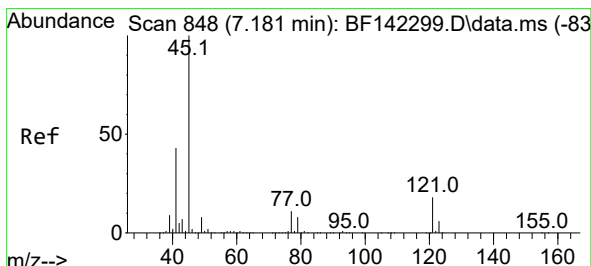
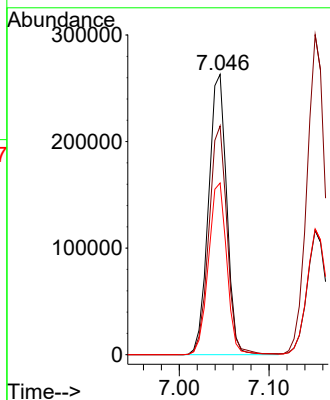
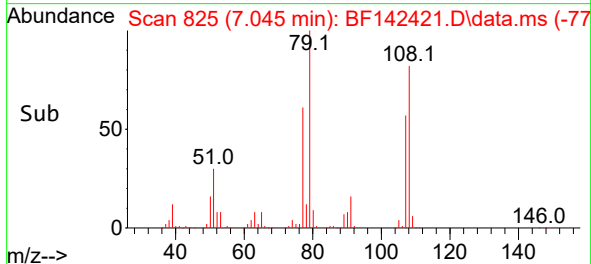
Instrument :
BNA_F
ClientSampleId :
PB167970BS



Tgt Ion: 79 Resp: 37097
Ion Ratio Lower Upper
79 100
108 81.6 63.9 95.9
77 61.2 50.7 76.1

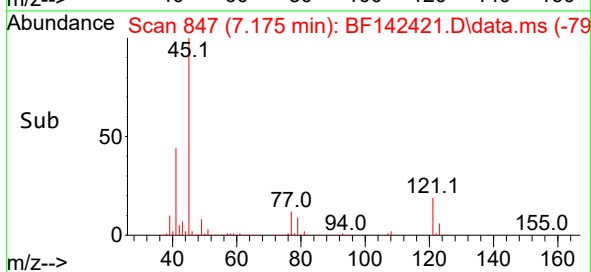
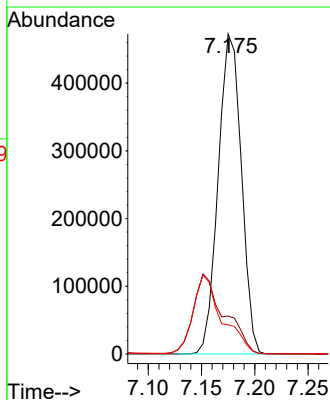
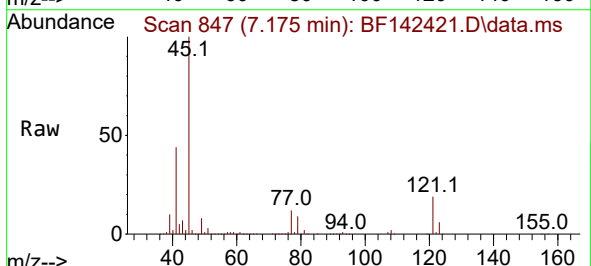
Manual Integrations
APPROVED

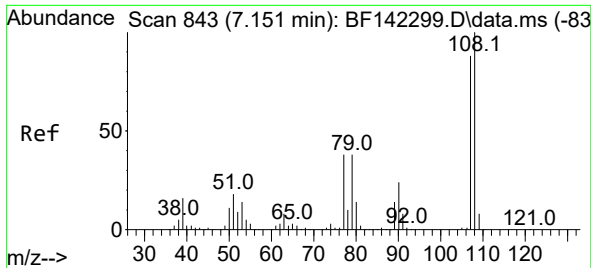
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.996 ng
RT: 7.175 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF142421.D
Acq: 16 May 2025 12:11

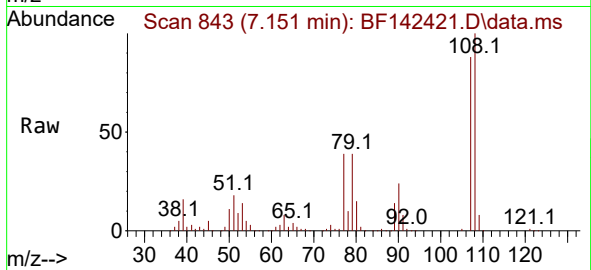
Tgt Ion: 45 Resp: 713809
Ion Ratio Lower Upper
45 100
77 11.9 0.0 31.2
79 9.1 0.0 28.5





#17
2-Methylphenol
Concen: 42.896 ng
RT: 7.151 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF142421.D
Acq: 16 May 2025 12:11

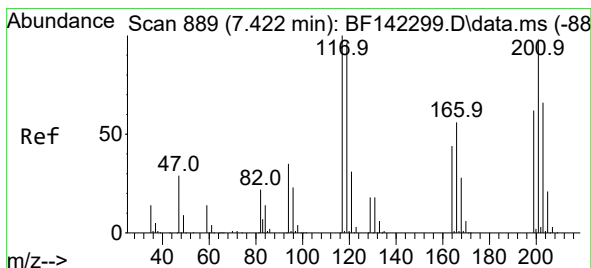
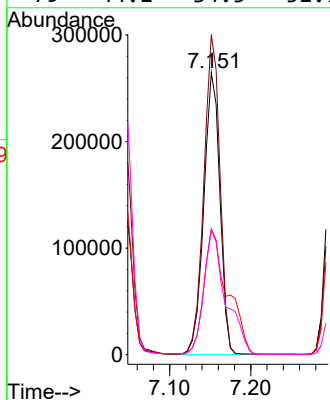
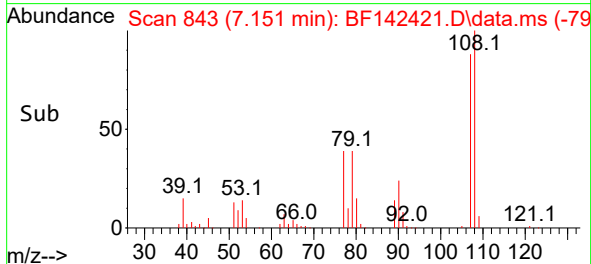
Instrument :
BNA_F
ClientSampleId :
PB167970BS



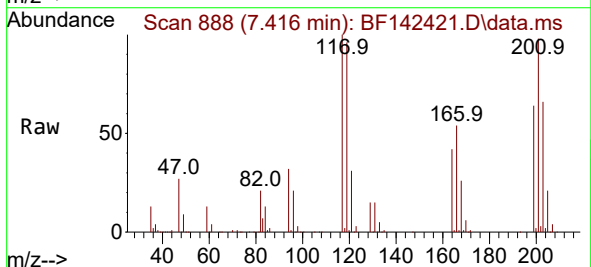
Tgt Ion:107 Resp: 363135
Ion Ratio Lower Upper
107 100
108 113.4 91.1 136.7
77 44.6 34.7 52.1
79 44.1 34.5 51.7

Manual Integrations
APPROVED

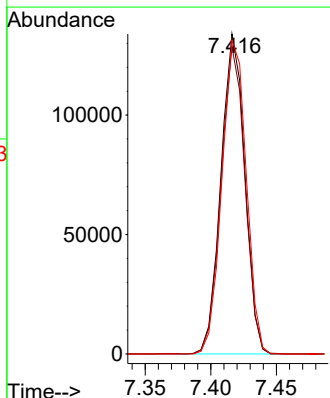
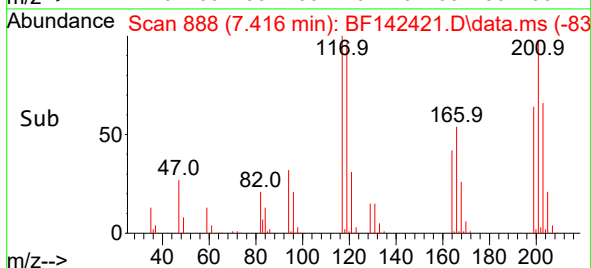
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

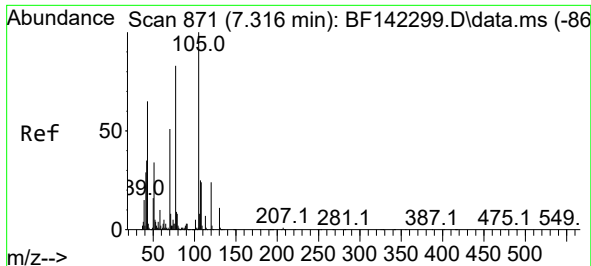


#18
Hexachloroethane
Concen: 42.432 ng
RT: 7.416 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF142421.D
Acq: 16 May 2025 12:11



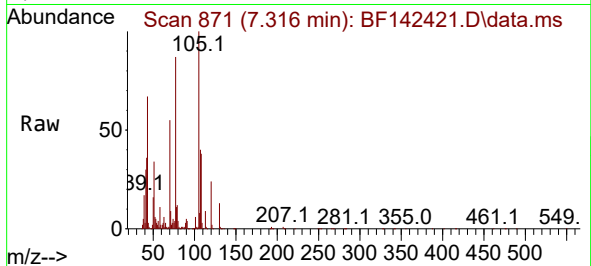
Tgt Ion:117 Resp: 169570
Ion Ratio Lower Upper
117 100
119 96.0 76.9 115.3
201 98.1 78.0 117.0





#19
n-Nitroso-di-n-propylamine
Concen: 40.840 ng
RT: 7.316 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF142421.D
Acq: 16 May 2025 12:11

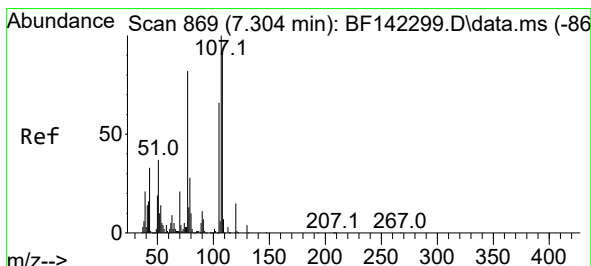
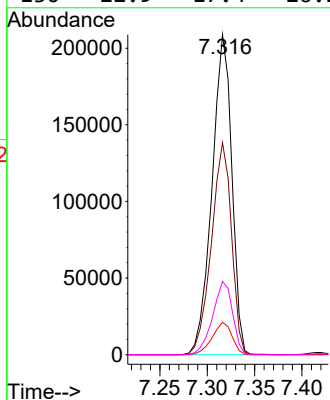
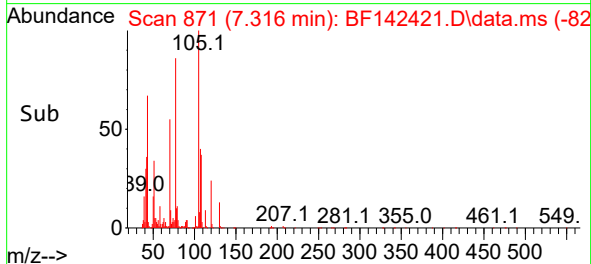
Instrument :
BNA_F
ClientSampleId :
PB167970BS



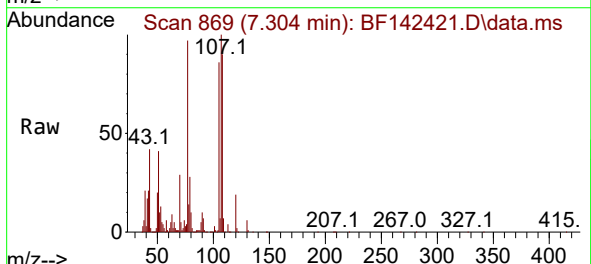
Tgt Ion: 70 Resp: 304020
Ion Ratio Lower Upper
70 100
42 66.2 54.8 82.2
101 10.1 7.7 11.5
130 22.9 17.4 26.2

Manual Integrations
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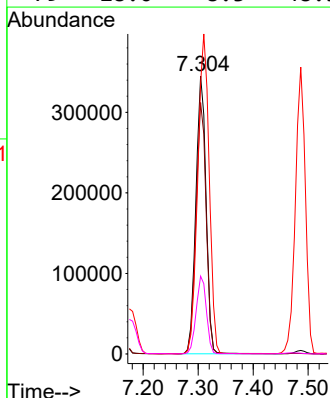
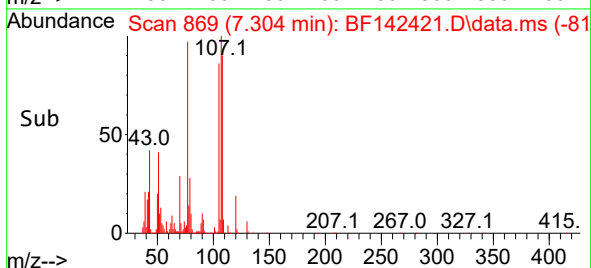
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

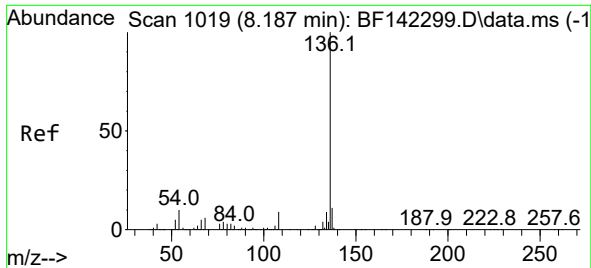


#20
3+4-Methylphenols
Concen: 42.126 ng
RT: 7.304 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF142421.D
Acq: 16 May 2025 12:11



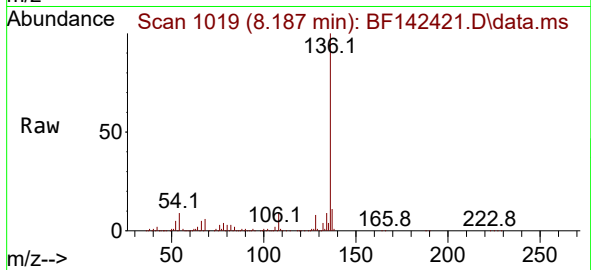
Tgt Ion:107 Resp: 445069
Ion Ratio Lower Upper
107 100
108 90.4 71.5 111.5
77 97.2 61.6 101.6
79 28.0 8.3 48.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF142421.D
Acq: 16 May 2025 12:11

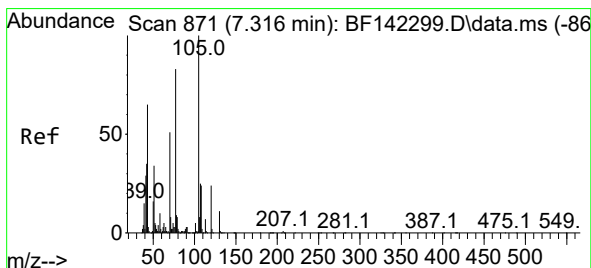
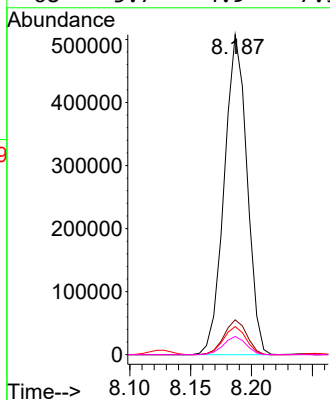
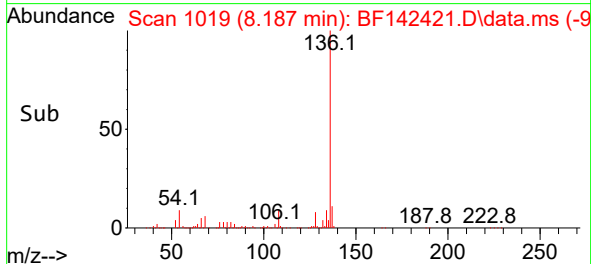
Instrument :
BNA_F
ClientSampleId :
PB167970BS



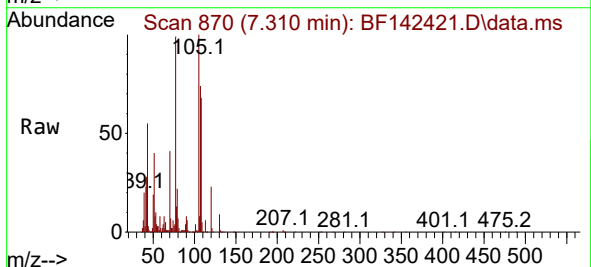
Tgt Ion:	136	Resp:	65971
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	8.8	7.7	11.5
68	5.7	4.9	7.3

Manual Integrations
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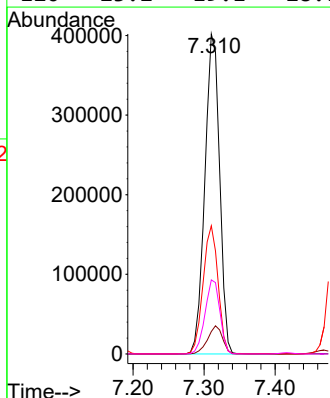
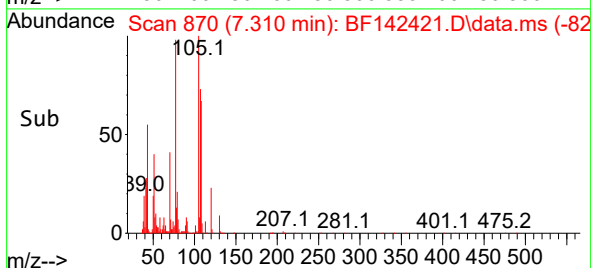
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

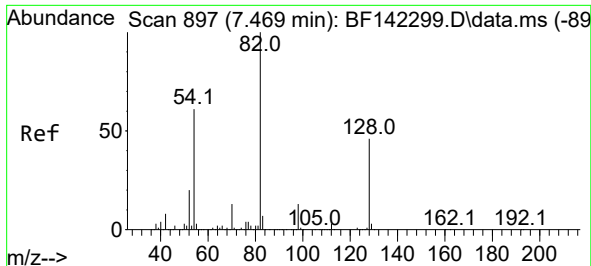


#22
Acetophenone
Concen: 39.719 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF142421.D
Acq: 16 May 2025 12:11



Tgt Ion:	105	Resp:	582610
Ion Ratio	Lower	Upper	
105	100		
71	7.0	6.7	10.1
51	40.0	27.6	41.4
120	23.2	19.1	28.7





#23

Nitrobenzene-d5

Concen: 80.529 ng

RT: 7.469 min Scan# 897

Delta R.T. 0.000 min

Lab File: BF142421.D

Acq: 16 May 2025 12:11

Instrument :

BNA_F

ClientSampleId :

PB167970BS

Tgt Ion: 82 Resp: 871100

Ion Ratio Lower Upper

82 100

128 49.2 37.0 55.6

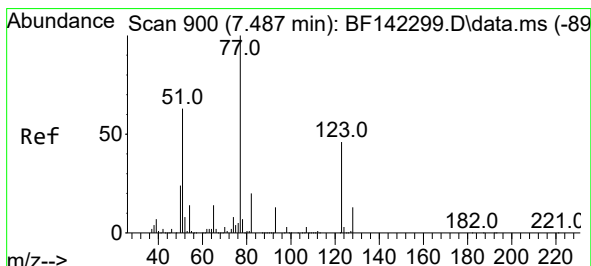
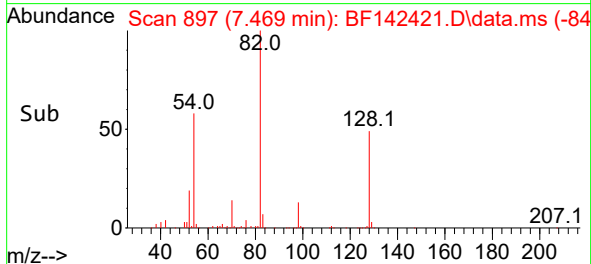
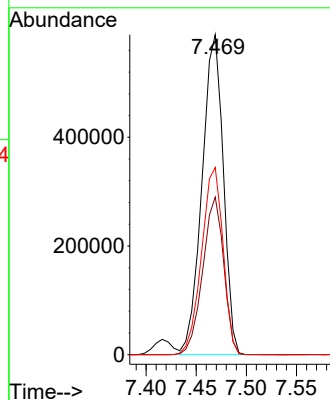
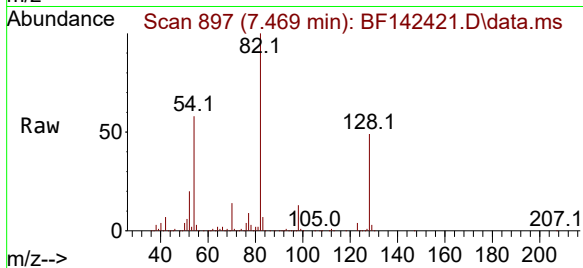
54 58.5 48.6 73.0

Manual Integrations

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Reviewed By :Rahul Chavli 05/19/2025

Supervised By :Jagrut Upadhyay 05/19/2025



#24

Nitrobenzene

Concen: 44.090 ng

RT: 7.487 min Scan# 900

Delta R.T. 0.000 min

Lab File: BF142421.D

Acq: 16 May 2025 12:11

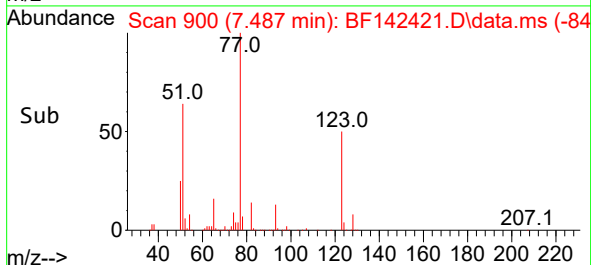
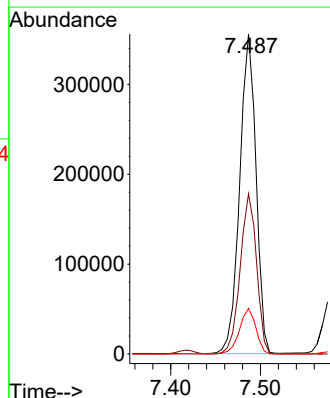
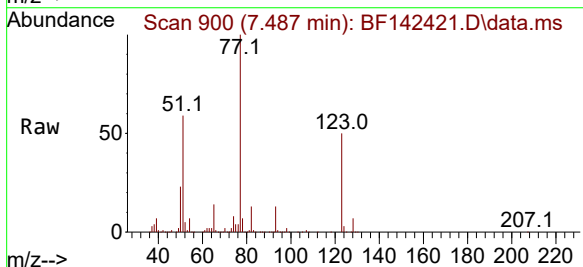
Tgt Ion: 77 Resp: 449567

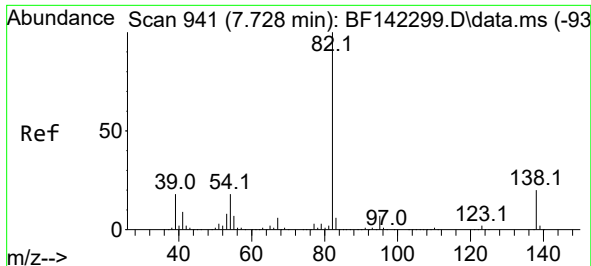
Ion Ratio Lower Upper

77 100

123 50.0 37.8 56.8

65 14.2 11.4 17.0





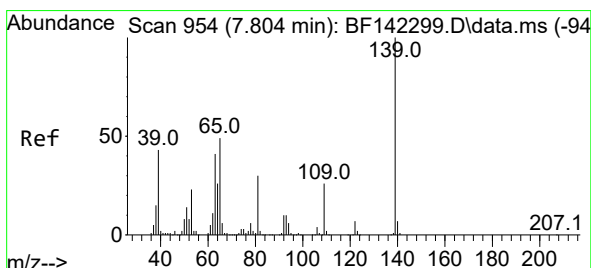
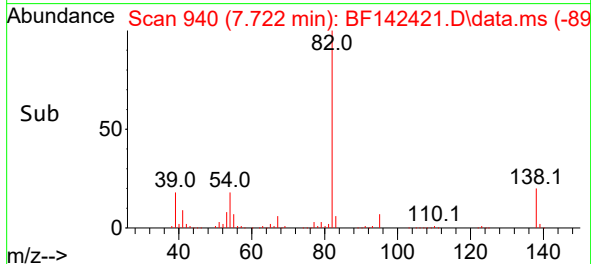
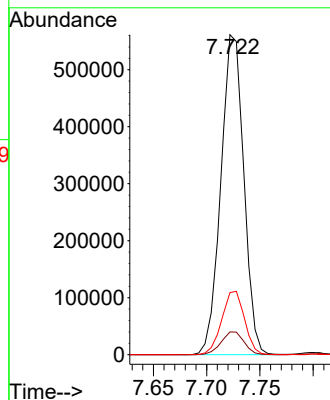
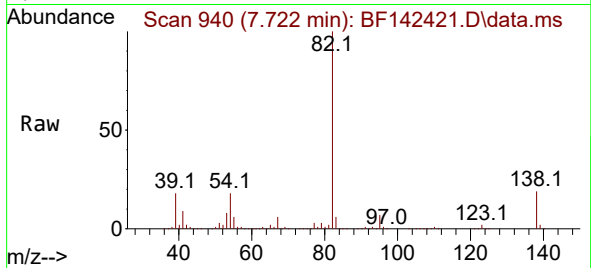
#25
Isophorone
Concen: 40.986 ng
RT: 7.722 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF142421.D
Acq: 16 May 2025 12:11

Instrument :
BNA_F
ClientSampleId :
PB167970BS

Tgt Ion: 82 Resp: 83955
Ion Ratio Lower Upper
82 100
95 7.1 5.8 8.8
138 19.4 16.1 24.1

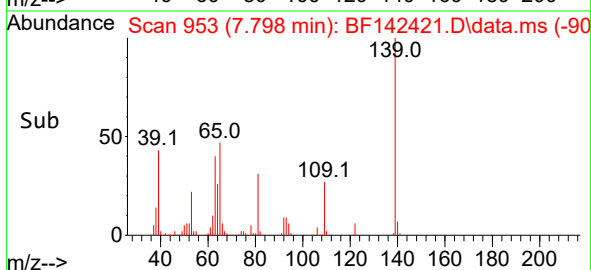
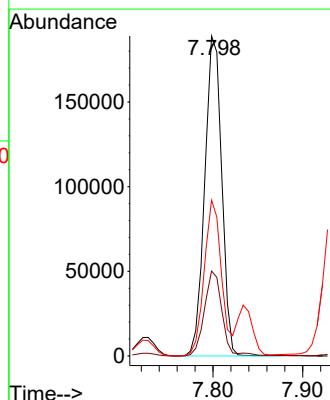
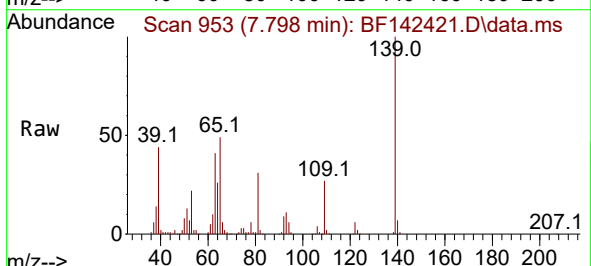
Manual Integrations
APPROVED

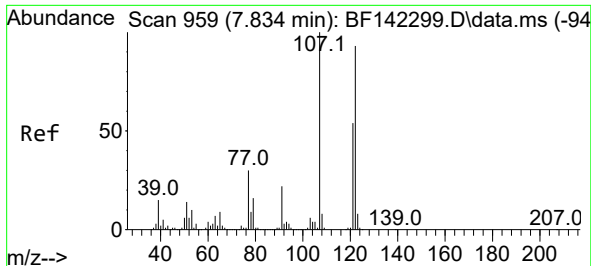
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025



#26
2-Nitrophenol
Concen: 50.311 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142421.D
Acq: 16 May 2025 12:11

Tgt Ion:139 Resp: 248326
Ion Ratio Lower Upper
139 100
109 26.5 20.8 31.2
65 48.7 38.9 58.3





#27

2,4-Dimethylphenol

Concen: 42.695 ng

RT: 7.834 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF142421.D

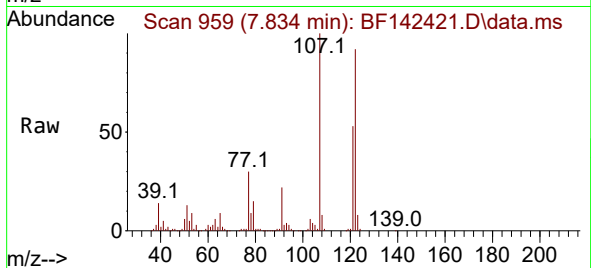
Acq: 16 May 2025 12:11

Instrument :

BNA_F

ClientSampleId :

PB167970BS



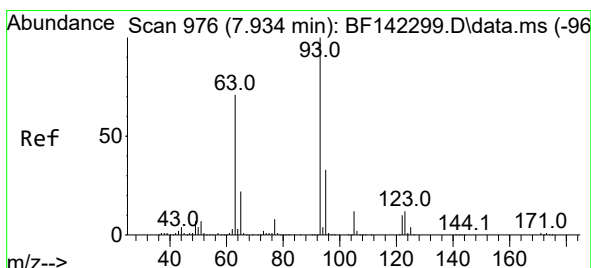
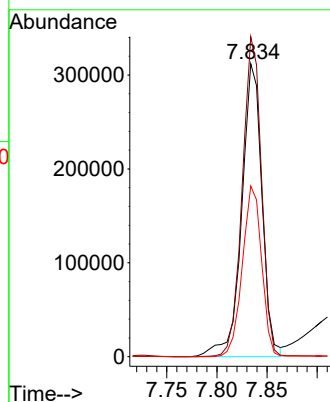
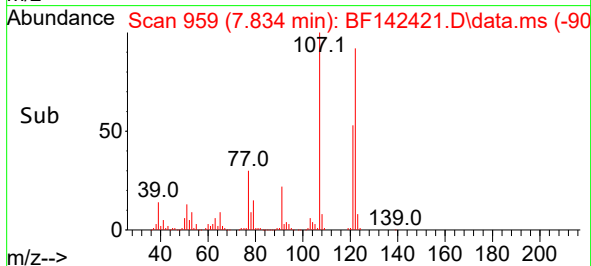
Tgt Ion:	122	Resp:	43970
Ion Ratio	Lower	Upper	
122	100		
107	109.2	86.0	129.0
121	58.3	46.2	69.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/19/2025

Supervised By :Jagrut Upadhyay 05/19/2025



#28

bis(2-Chloroethoxy)methane

Concen: 39.583 ng

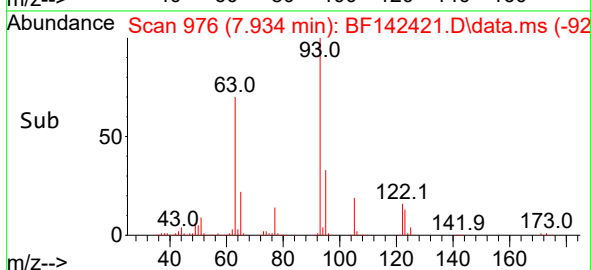
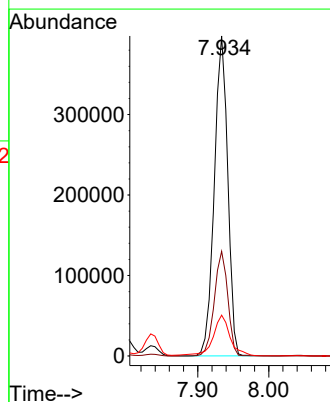
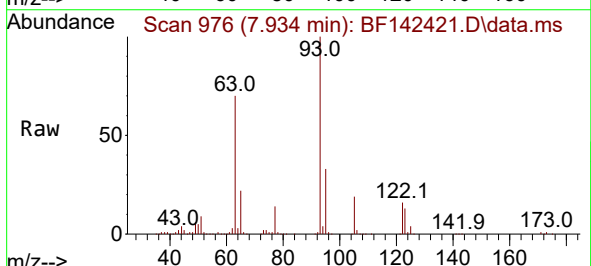
RT: 7.934 min Scan# 976

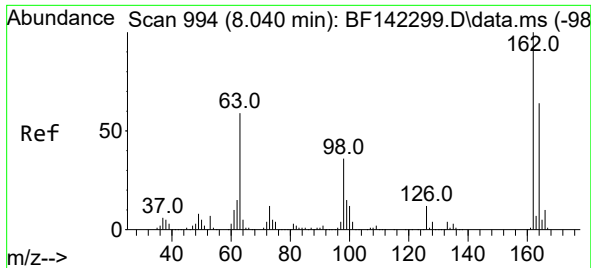
Delta R.T. 0.000 min

Lab File: BF142421.D

Acq: 16 May 2025 12:11

Tgt Ion:	93	Resp:	521371
Ion Ratio	Lower	Upper	
93	100		
95	32.7	26.1	39.1
123	12.8	10.2	15.4





#29

2,4-Dichlorophenol

Concen: 45.119 ng

RT: 8.040 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF142421.D

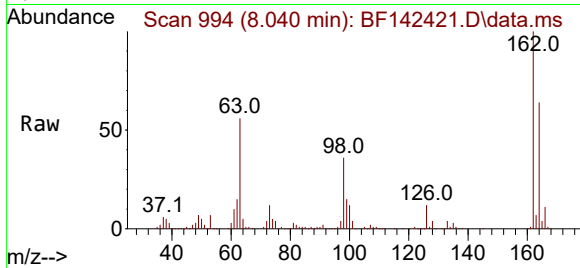
Acq: 16 May 2025 12:11

Instrument :

BNA_F

ClientSampleId :

PB167970BS



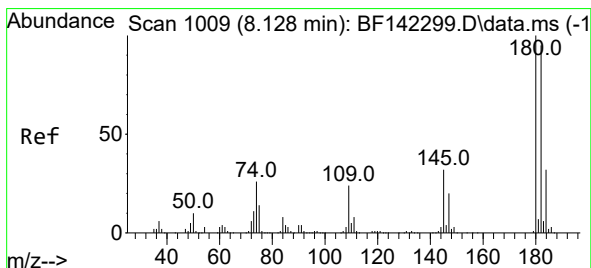
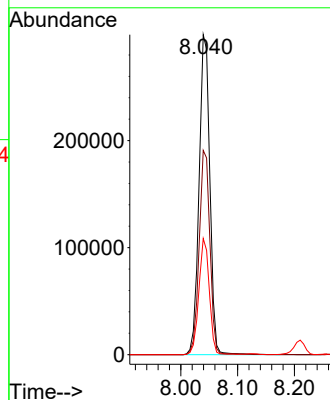
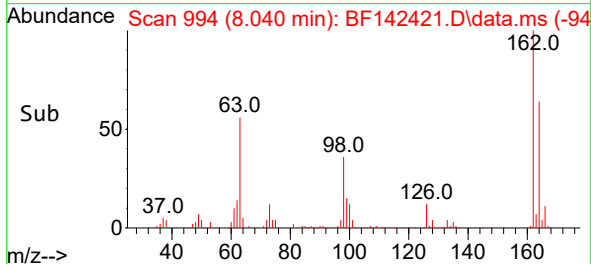
Tgt Ion:162	Resp:	395052
Ion Ratio	Lower	Upper
162	100	
164	63.8	43.6 83.6
98	36.3	16.5 56.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/19/2025

Supervised By :Jagrut Upadhyay 05/19/2025



#30

1,2,4-Trichlorobenzene

Concen: 41.744 ng

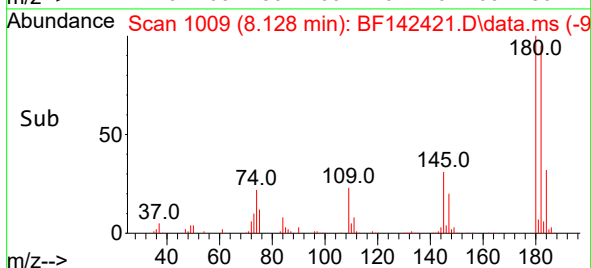
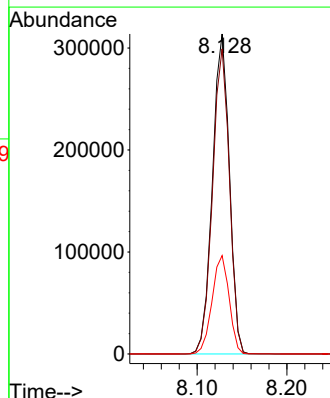
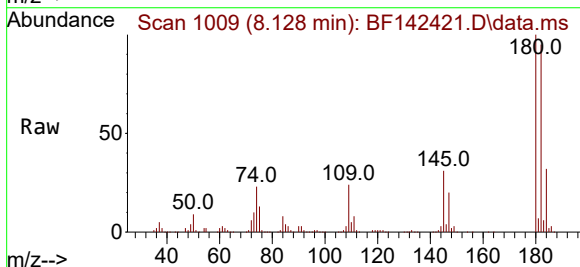
RT: 8.128 min Scan# 1009

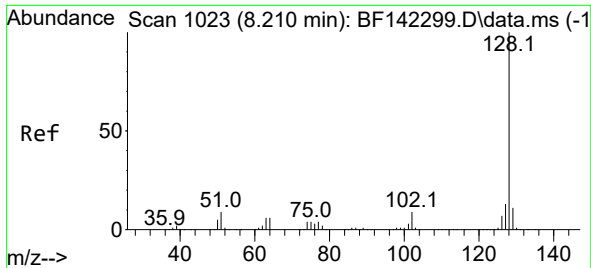
Delta R.T. 0.000 min

Lab File: BF142421.D

Acq: 16 May 2025 12:11

Tgt Ion:180	Resp:	411341
Ion Ratio	Lower	Upper
180	100	
182	95.3	76.2 114.4
145	30.8	25.8 38.6





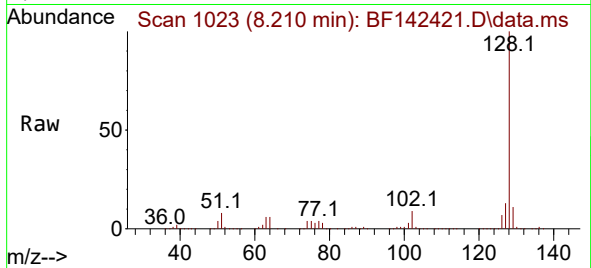
#31
Naphthalene
Concen: 40.458 ng
RT: 8.210 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF142421.D
Acq: 16 May 2025 12:11

Instrument :

BNA_F

ClientSampleId :

PB167970BS



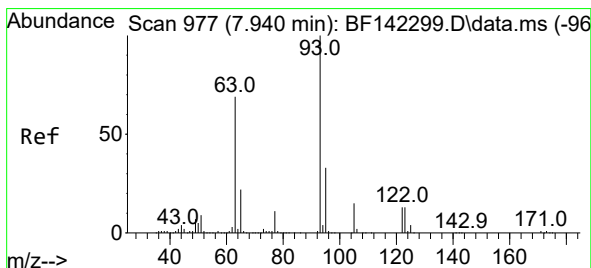
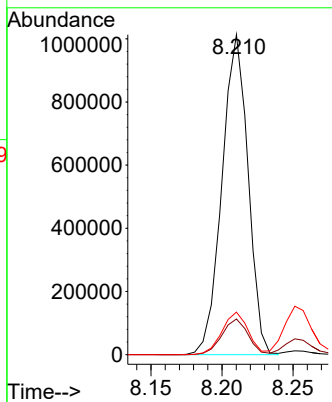
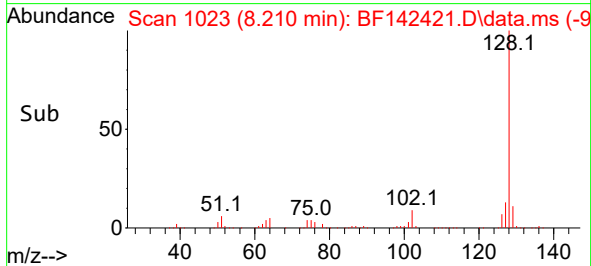
Tgt Ion:128 Resp: 129358
Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 13.3 10.5 15.7

Manual Integrations

APPROVED

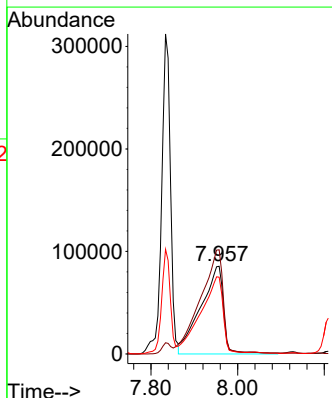
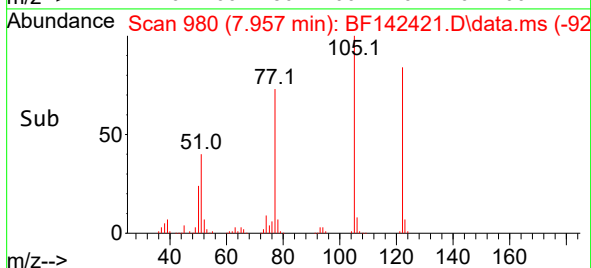
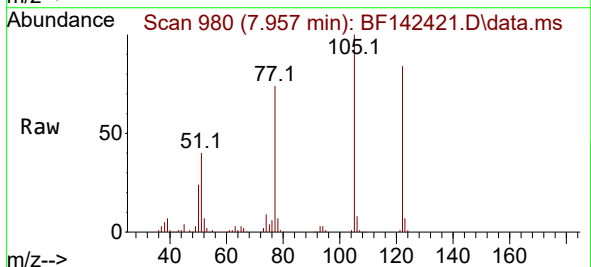
Reviewed By :Rahul Chavli 05/19/2025

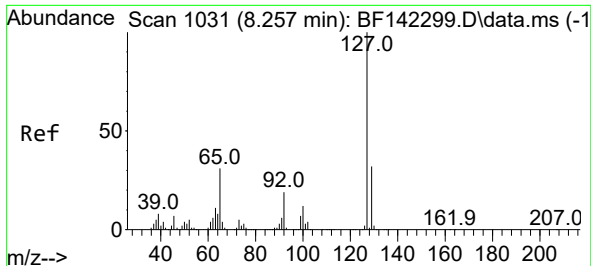
Supervised By :Jagrut Upadhyay 05/19/2025



#32
Benzoic acid
Concen: 54.459 ng m
RT: 7.957 min Scan# 980
Delta R.T. 0.017 min
Lab File: BF142421.D
Acq: 16 May 2025 12:11

Tgt Ion:122 Resp: 312828
Ion Ratio Lower Upper
122 100
105 118.8 97.9 137.9
77 87.7 67.7 107.7





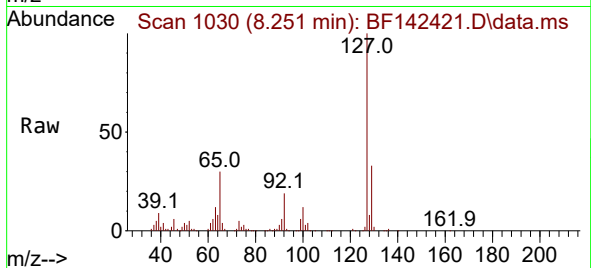
#33
4-Chloroaniline
Concen: 18.543 ng m
RT: 8.251 min Scan# 1030
Delta R.T. -0.016 min
Lab File: BF142421.D
Acq: 16 May 2025 12:11

Instrument :

BNA_F

ClientSampleId :

PB167970BS



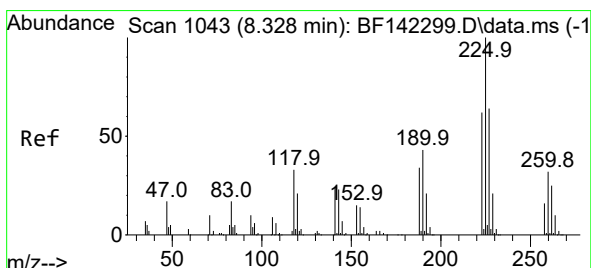
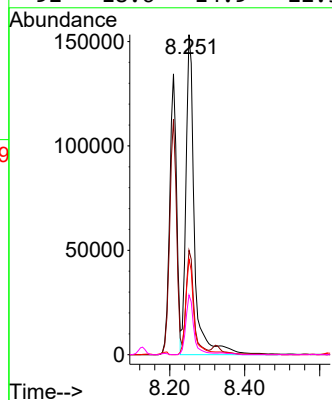
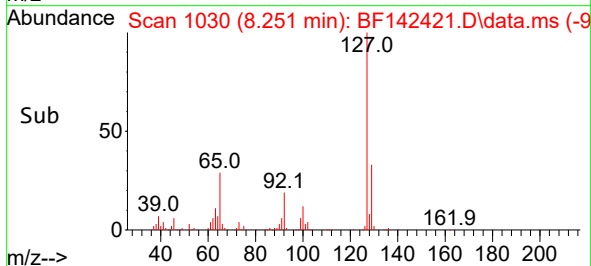
Tgt Ion:127 Resp: 241920
Ion Ratio Lower Upper
127 100
129 32.6 25.7 38.5
65 29.8 24.9 37.3
92 18.6 14.9 22.3

Manual Integrations

APPROVED

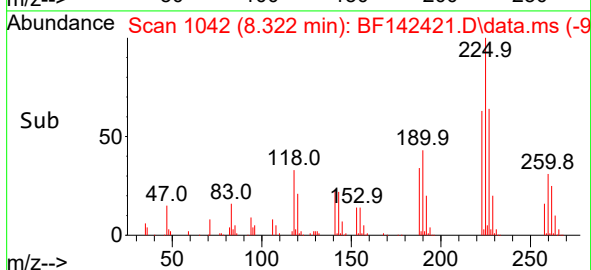
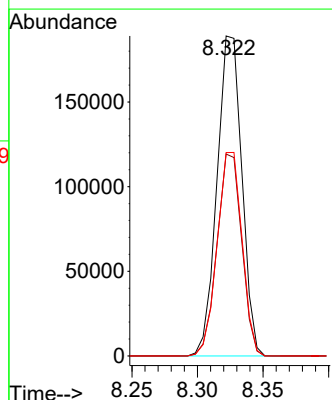
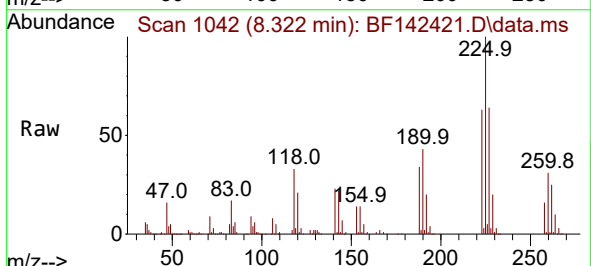
Reviewed By :Rahul Chavli 05/19/2025

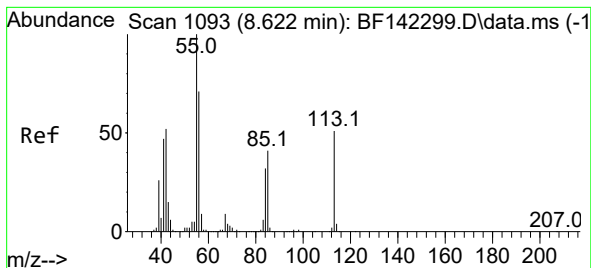
Supervised By :Jagrut Upadhyay 05/19/2025



#34
Hexachlorobutadiene
Concen: 42.665 ng
RT: 8.322 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142421.D
Acq: 16 May 2025 12:11

Tgt Ion:225 Resp: 248948
Ion Ratio Lower Upper
225 100
223 63.1 49.8 74.6
227 63.6 50.9 76.3





#35

Caprolactam

Concen: 49.628 ng/ml

RT: 8.622 min Scan# 1093

Delta R.T. 0.000 min

Lab File: BF142421.D

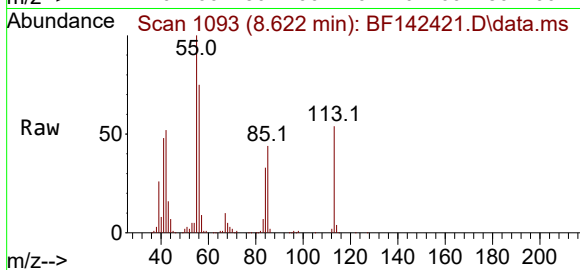
Acq: 16 May 2025 12:11

Instrument :

BNA_F

ClientSampleId :

PB167970BS



Tgt Ion:113 Resp: 126640

Ion Ratio Lower Upper

113 100

55 186.1 176.4 216.4

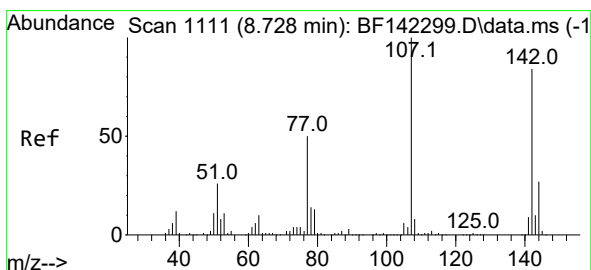
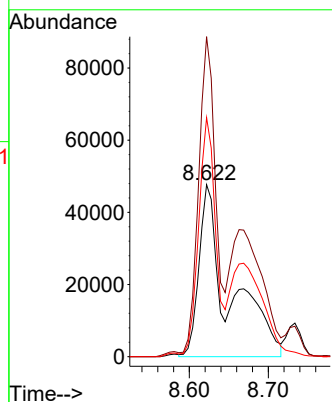
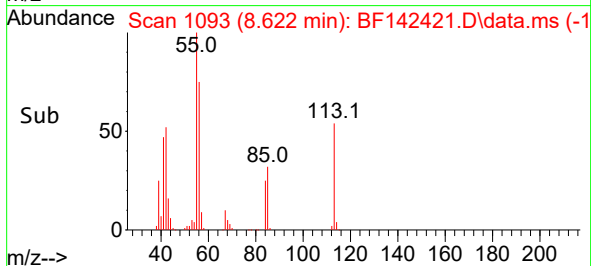
56 139.0 120.3 160.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/19/2025

Supervised By :Jagrut Upadhyay 05/19/2025



#36

4-Chloro-3-methylphenol

Concen: 44.158 ng/ml

RT: 8.734 min Scan# 1112

Delta R.T. 0.006 min

Lab File: BF142421.D

Acq: 16 May 2025 12:11

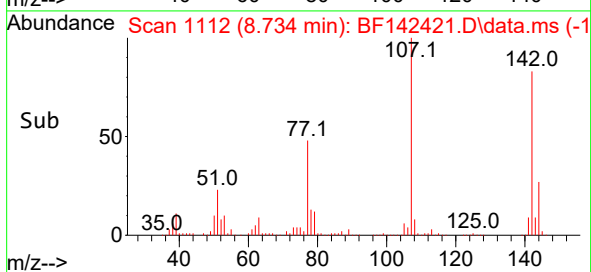
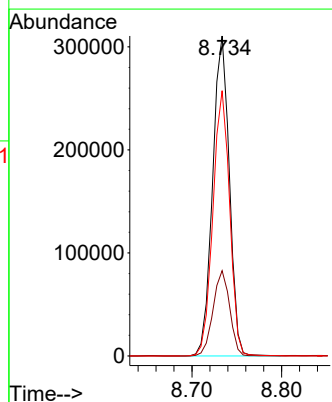
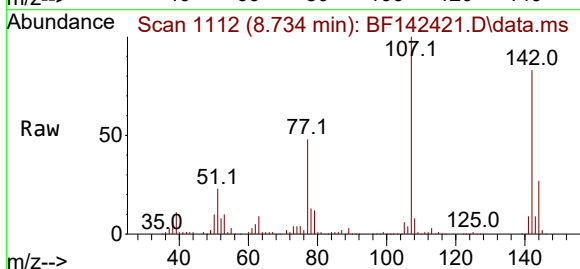
Tgt Ion:107 Resp: 401914

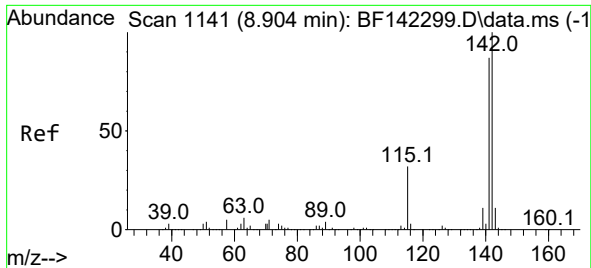
Ion Ratio Lower Upper

107 100

144 26.7 21.3 31.9

142 82.9 66.9 100.3





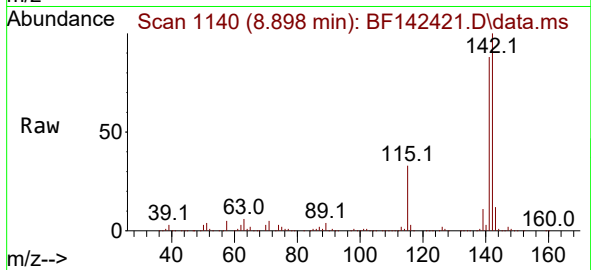
#37
2-Methylnaphthalene
Concen: 41.170 ng
RT: 8.898 min Scan# 1141
Delta R.T. -0.006 min
Lab File: BF142421.D
Acq: 16 May 2025 12:11

Instrument :

BNA_F

ClientSampleId :

PB167970BS



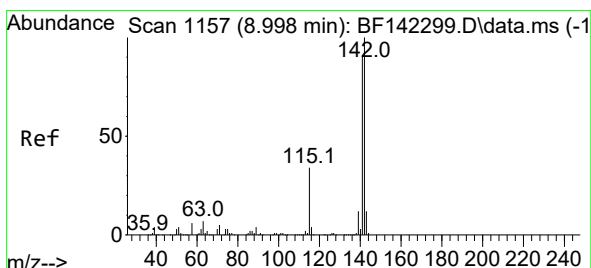
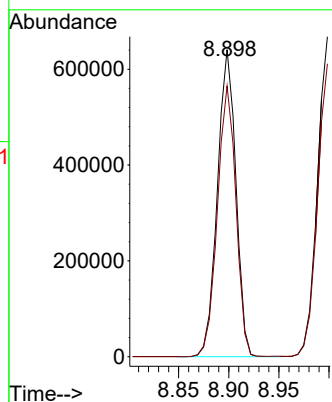
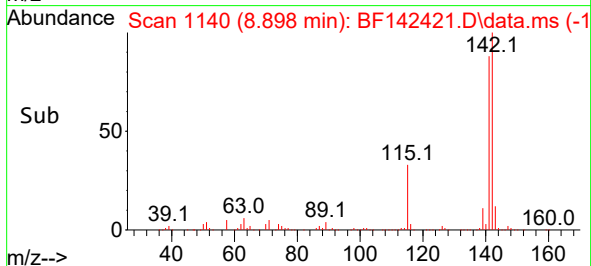
Tgt Ion:142 Resp: 817950
Ion Ratio Lower Upper
142 100
141 88.2 69.4 104.2

Manual Integrations

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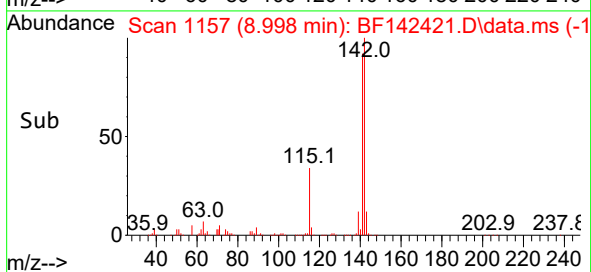
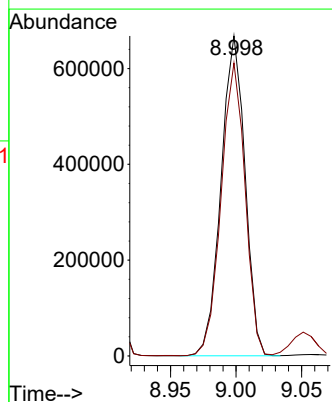
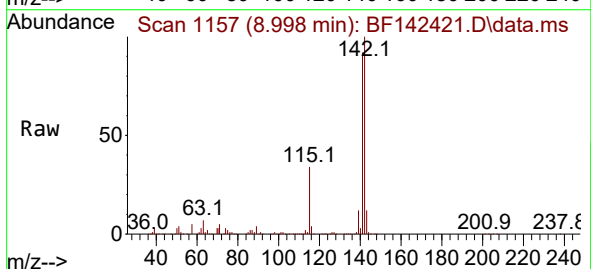
Reviewed By :Rahul Chavli 05/19/2025

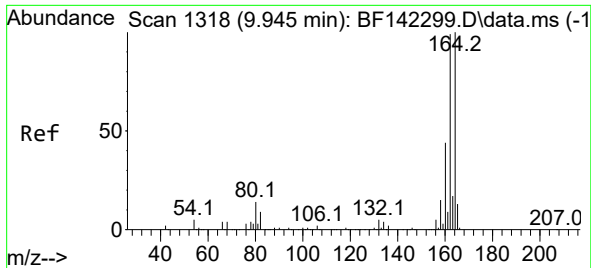
Supervised By :Jagrut Upadhyay 05/19/2025



#38
1-Methylnaphthalene
Concen: 40.949 ng
RT: 8.998 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF142421.D
Acq: 16 May 2025 12:11

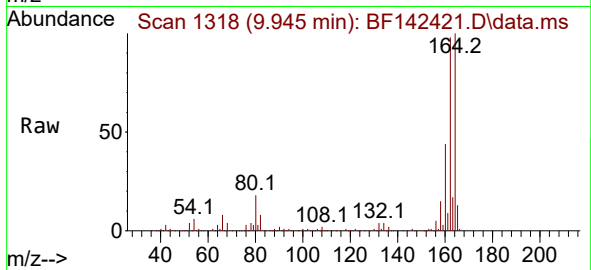
Tgt Ion:142 Resp: 847951
Ion Ratio Lower Upper
142 100
141 91.6 72.5 108.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1118
Delta R.T. 0.000 min
Lab File: BF142421.D
Acq: 16 May 2025 12:11

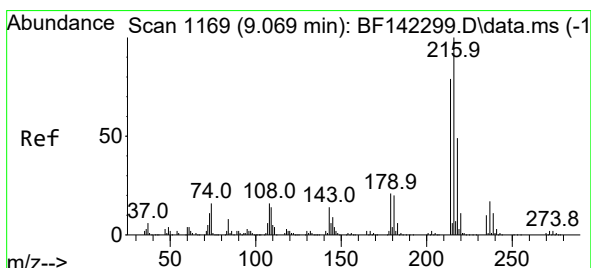
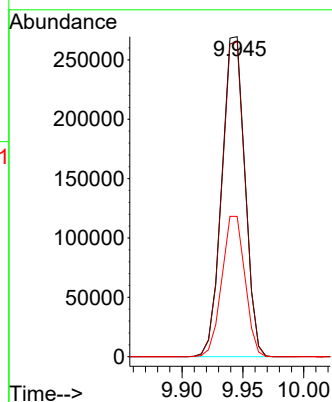
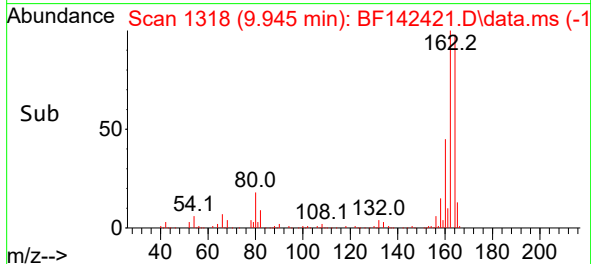
Instrument :
BNA_F
ClientSampleId :
PB167970BS



Tgt Ion:164 Resp: 356050
Ion Ratio Lower Upper
164 100
162 98.4 79.2 118.8
160 43.8 35.3 52.9

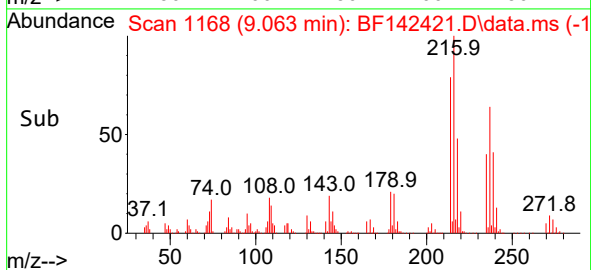
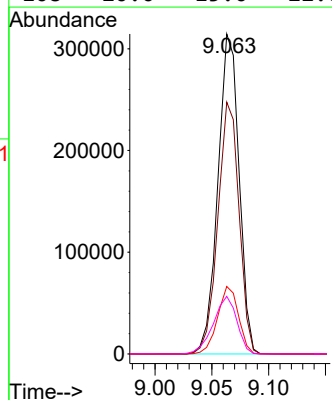
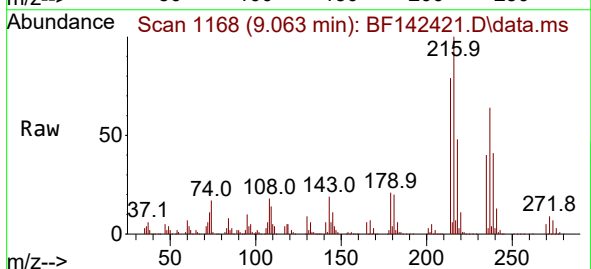
Manual Integrations
APPROVED

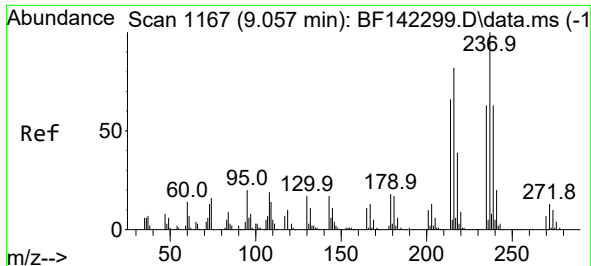
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.960 ng
RT: 9.063 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF142421.D
Acq: 16 May 2025 12:11

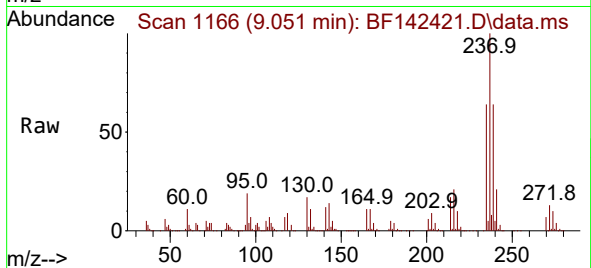
Tgt Ion:216 Resp: 407313
Ion Ratio Lower Upper
216 100
214 78.8 63.8 95.6
179 20.9 17.0 25.6
108 20.0 15.0 22.6





#41
Hexachlorocyclopentadiene
Concen: 91.239 ng
RT: 9.051 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF142421.D
Acq: 16 May 2025 12:11

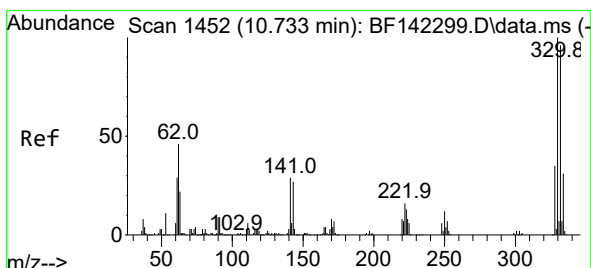
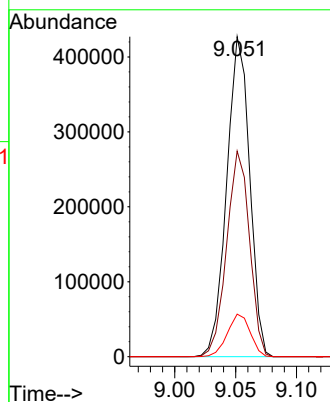
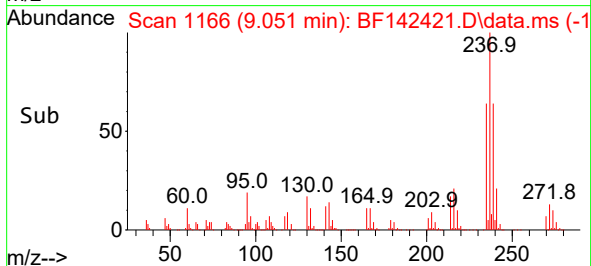
Instrument :
BNA_F
ClientSampleId :
PB167970BS



Tgt Ion:237 Resp: 560730
Ion Ratio Lower Upper
237 100
235 64.2 42.8 82.8
272 13.3 0.0 33.0

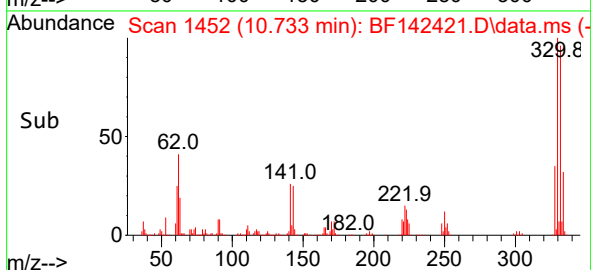
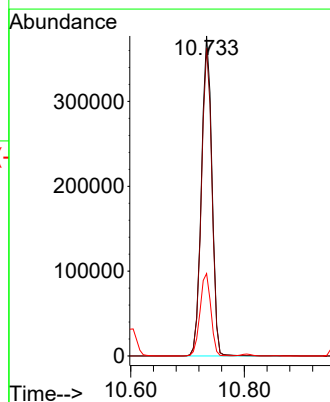
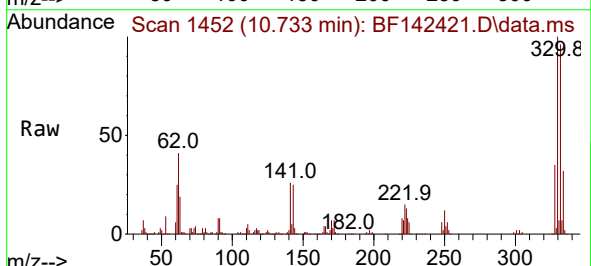
Manual Integrations
APPROVED

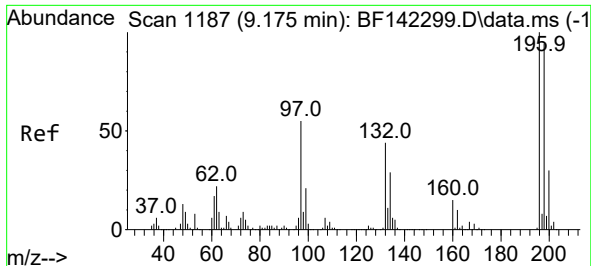
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025



#42
2,4,6-Tribromophenol
Concen: 140.955 ng
RT: 10.733 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BF142421.D
Acq: 16 May 2025 12:11

Tgt Ion:330 Resp: 484546
Ion Ratio Lower Upper
330 100
332 96.0 76.8 115.2
141 26.7 24.9 37.3





#43

2,4,6-Trichlorophenol

Concen: 46.352 ng

RT: 9.175 min Scan# 1187

Delta R.T. 0.000 min

Lab File: BF142421.D

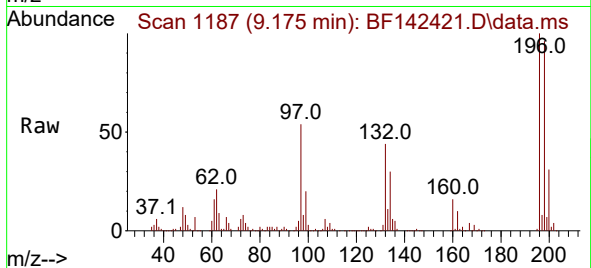
Acq: 16 May 2025 12:11

Instrument :

BNA_F

ClientSampleId :

PB167970BS



Tgt Ion:196 Resp: 29074

Ion Ratio Lower Upper

196 100

198 96.1 75.4 113.0

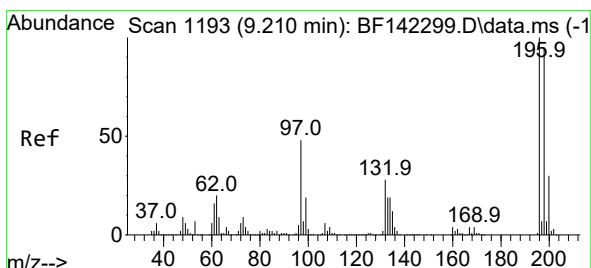
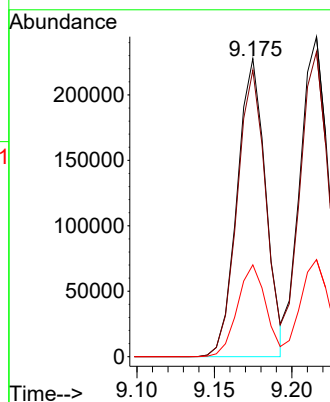
200 30.8 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/19/2025

Supervised By :Jagrut Upadhyay 05/19/2025



#44

2,4,5-Trichlorophenol

Concen: 46.861 ng

RT: 9.216 min Scan# 1194

Delta R.T. 0.006 min

Lab File: BF142421.D

Acq: 16 May 2025 12:11

Tgt Ion:196 Resp: 312749

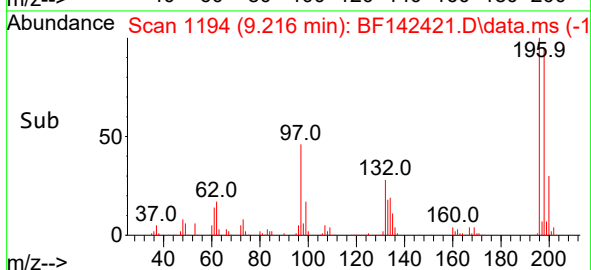
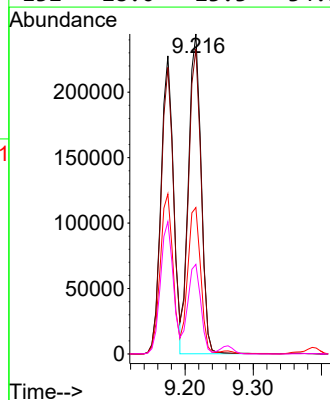
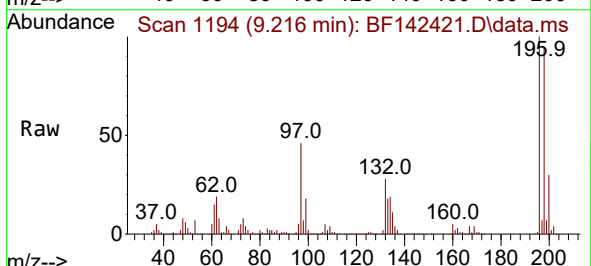
Ion Ratio Lower Upper

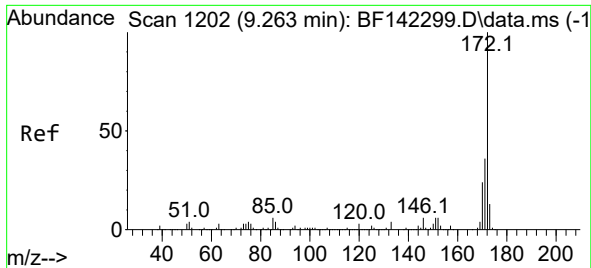
196 100

198 95.3 76.1 114.1

97 45.8 39.0 58.4

132 28.0 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 72.162 ng

RT: 9.263 min Scan# 1202

Delta R.T. 0.000 min

Lab File: BF142421.D

Acq: 16 May 2025 12:11

Instrument :

BNA_F

ClientSampleId :

PB167970BS

Tgt Ion:172 Resp: 180194

Ion Ratio Lower Upper

172 100

171 35.8 28.6 42.8

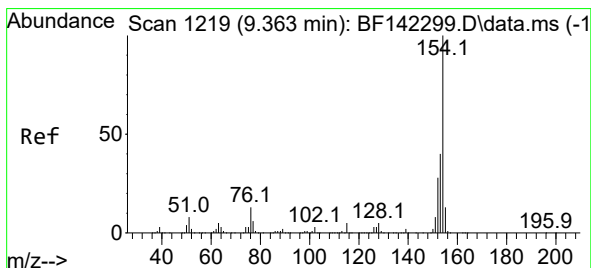
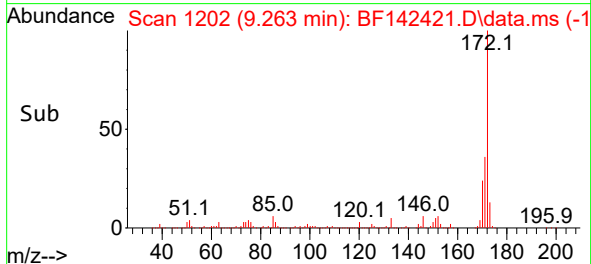
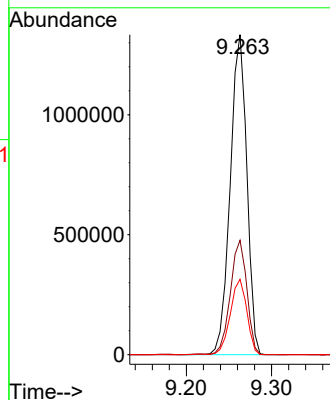
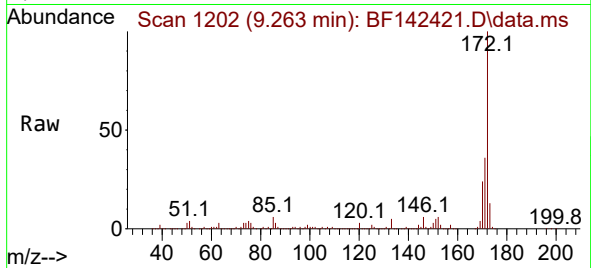
170 23.5 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/19/2025

Supervised By :Jagrut Upadhyay 05/19/2025



#46

1,1'-Biphenyl

Concen: 40.795 ng

RT: 9.363 min Scan# 1219

Delta R.T. 0.000 min

Lab File: BF142421.D

Acq: 16 May 2025 12:11

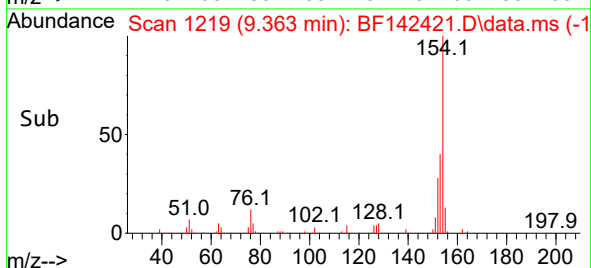
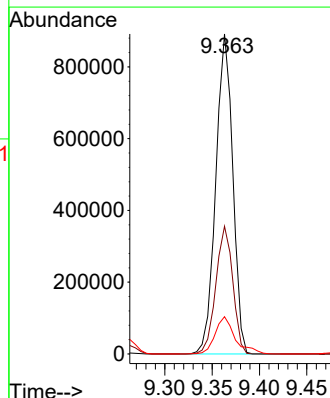
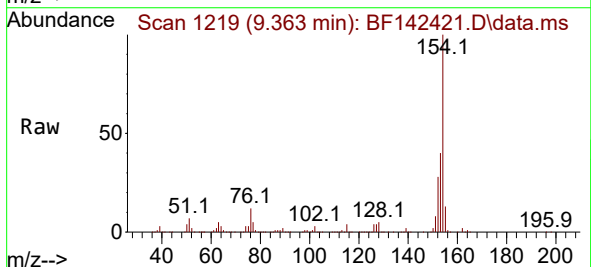
Tgt Ion:154 Resp: 1113691

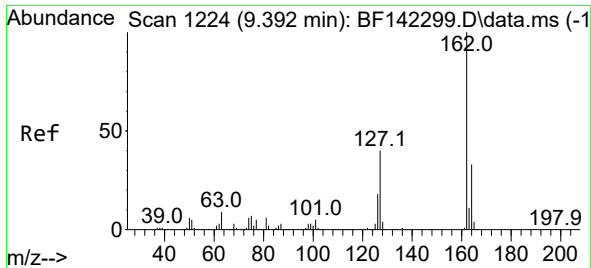
Ion Ratio Lower Upper

154 100

153 39.9 20.5 60.5

76 11.6 0.0 32.8





#47

2-Chloronaphthalene

Concen: 40.903 ng

RT: 9.387 min Scan# 1223

Delta R.T. -0.006 min

Lab File: BF142421.D

Acq: 16 May 2025 12:11

Instrument :

BNA_F

ClientSampleId :

PB167970BS

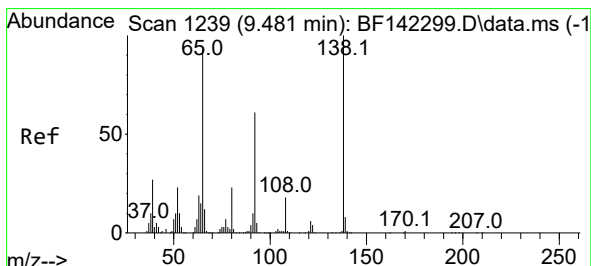
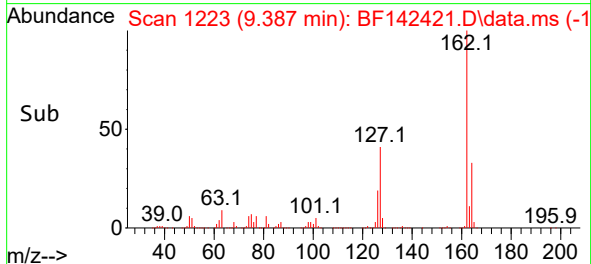
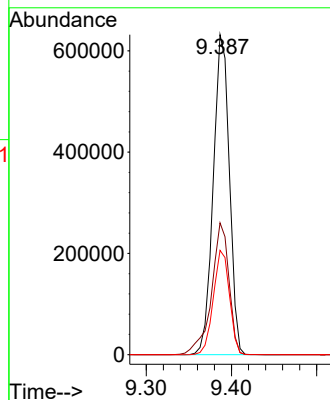
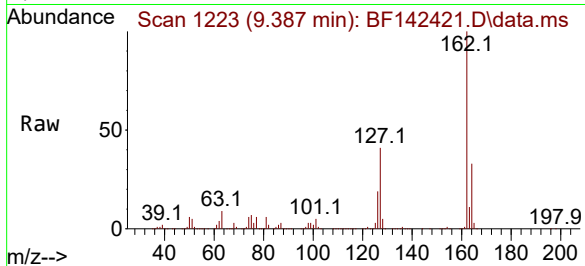
Tgt Ion:162 Resp: 830419
 Ion Ratio Lower Upper
 162 100
 127 41.2 32.3 48.5
 164 32.6 26.6 40.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/19/2025

Supervised By :Jagrut Upadhyay 05/19/2025



#48

2-Nitroaniline

Concen: 50.174 ng

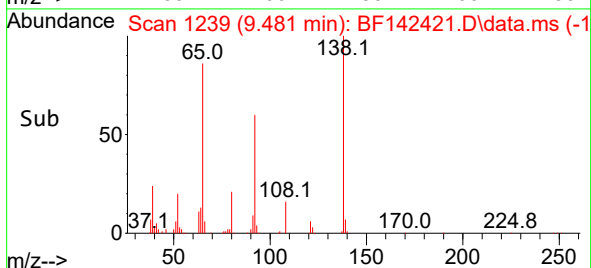
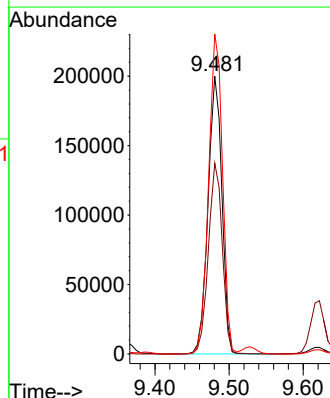
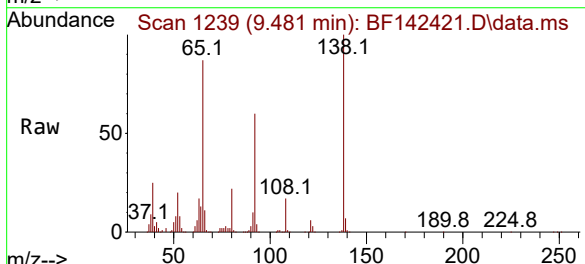
RT: 9.481 min Scan# 1239

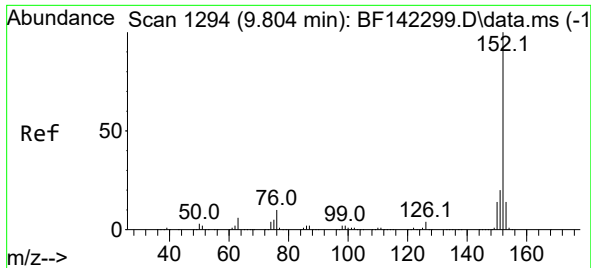
Delta R.T. 0.000 min

Lab File: BF142421.D

Acq: 16 May 2025 12:11

Tgt Ion: 65 Resp: 261101
 Ion Ratio Lower Upper
 65 100
 92 68.7 52.3 78.5
 138 115.2 85.6 128.4





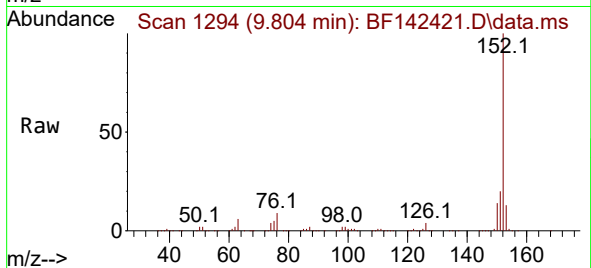
#49
Acenaphthylene
Concen: 41.382 ng
RT: 9.804 min Scan# 1294
Delta R.T. 0.000 min
Lab File: BF142421.D
Acq: 16 May 2025 12:11

Instrument :

BNA_F

ClientSampleId :

PB167970BS



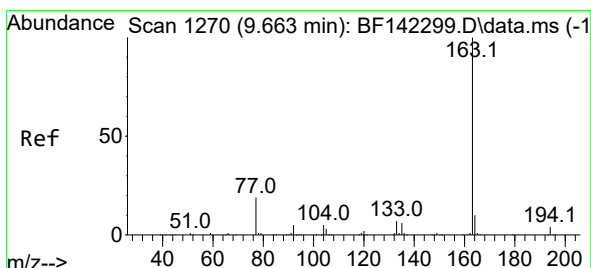
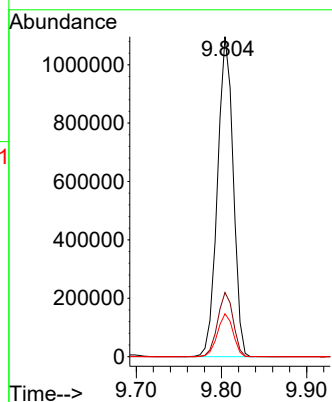
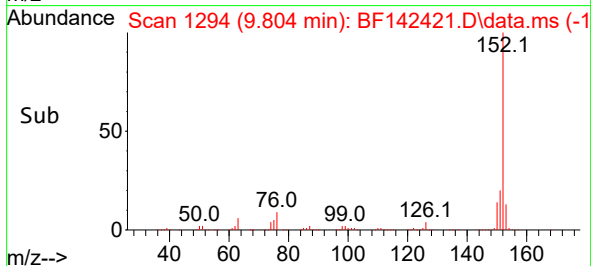
Tgt Ion:152 Resp: 140544
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 13.4 10.8 16.2

Manual Integrations

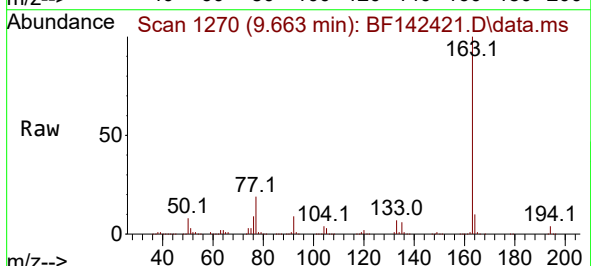
APPROVED

Reviewed By :Rahul Chavli 05/19/2025

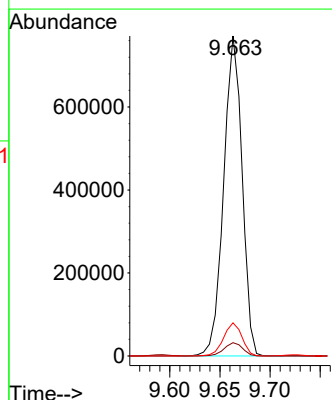
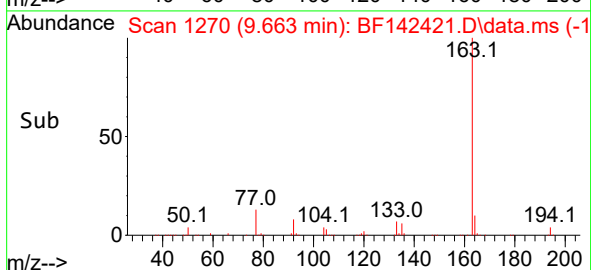
Supervised By :Jagrut Upadhyay 05/19/2025

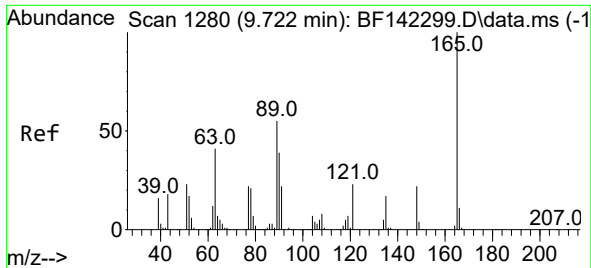


#50
Dimethylphthalate
Concen: 43.095 ng
RT: 9.663 min Scan# 1270
Delta R.T. 0.000 min
Lab File: BF142421.D
Acq: 16 May 2025 12:11



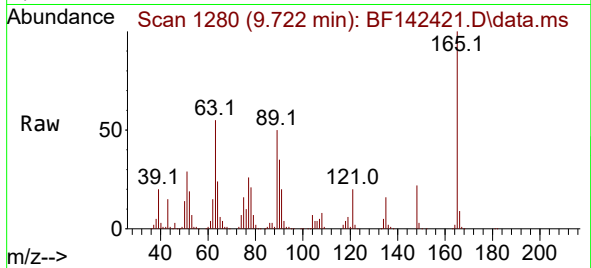
Tgt Ion:163 Resp: 985285
Ion Ratio Lower Upper
163 100
194 4.2 3.2 4.8
164 10.4 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 52.173 ng
RT: 9.722 min Scan# 1280
Delta R.T. 0.000 min
Lab File: BF142421.D
Acq: 16 May 2025 12:11

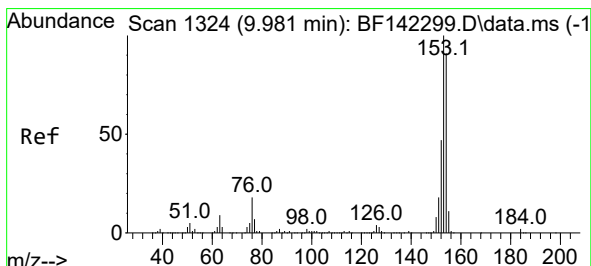
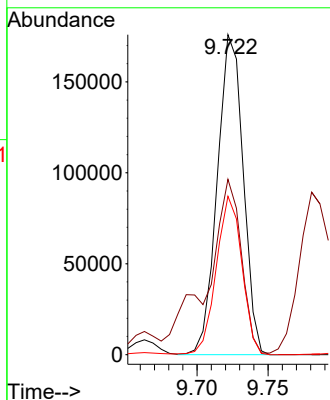
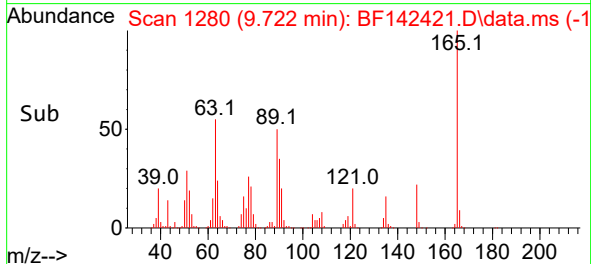
Instrument :
BNA_F
ClientSampleId :
PB167970BS



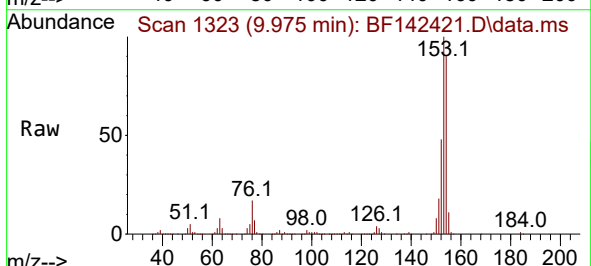
Tgt Ion:165 Resp: 223270
Ion Ratio Lower Upper
165 100
63 54.8 49.5 74.3
89 49.5 44.6 66.8

Manual Integrations
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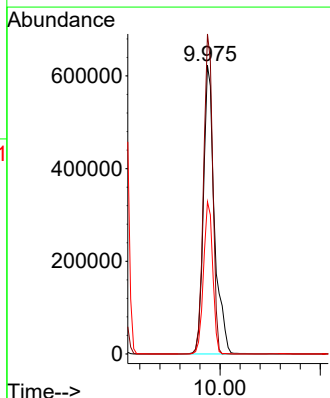
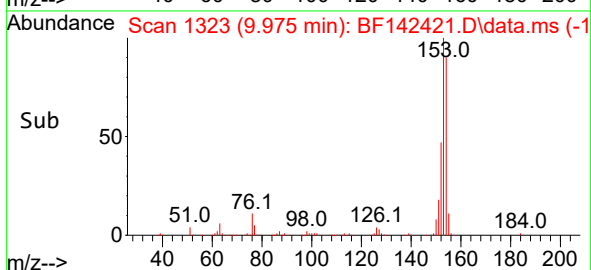
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

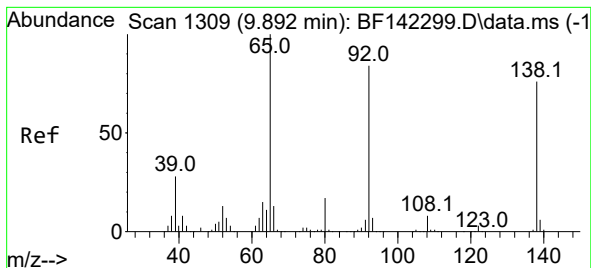


#52
Acenaphthene
Concen: 46.559 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF142421.D
Acq: 16 May 2025 12:11



Tgt Ion:154 Resp: 950791
Ion Ratio Lower Upper
154 100
153 110.9 88.0 132.0
152 52.8 41.6 62.4





#53

3-Nitroaniline

Concen: 32.753 ng

RT: 9.892 min Scan# 1309

Delta R.T. 0.000 min

Lab File: BF142421.D

Acq: 16 May 2025 12:11

Instrument :

BNA_F

ClientSampleId :

PB167970BS

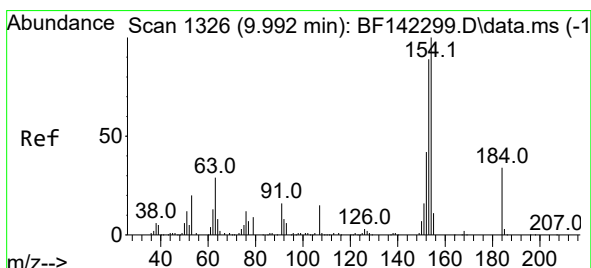
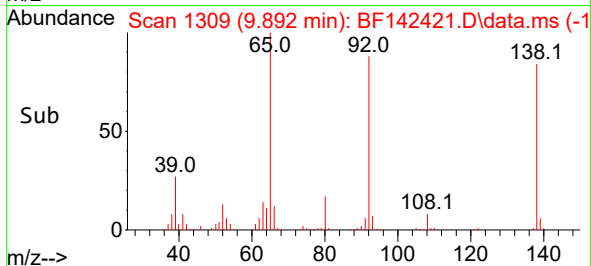
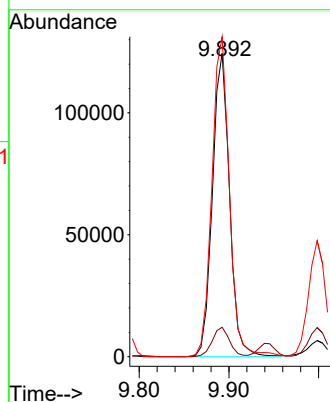
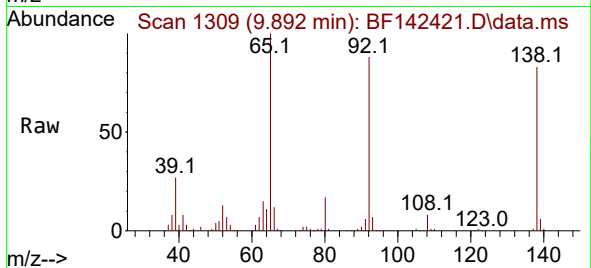
Tgt Ion:138 Resp: 164392
 Ion Ratio Lower Upper
 138 100
 108 9.7 8.7 13.1
 92 105.5 89.5 134.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/19/2025

Supervised By :Jagrut Upadhyay 05/19/2025



#54

2,4-Dinitrophenol

Concen: 117.470 ng

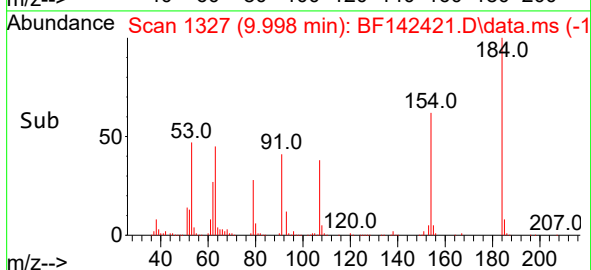
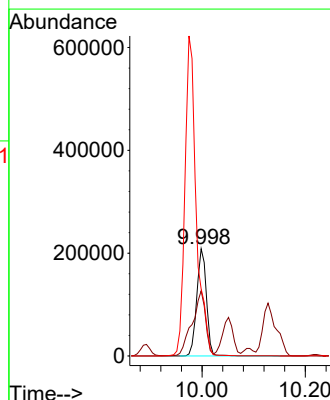
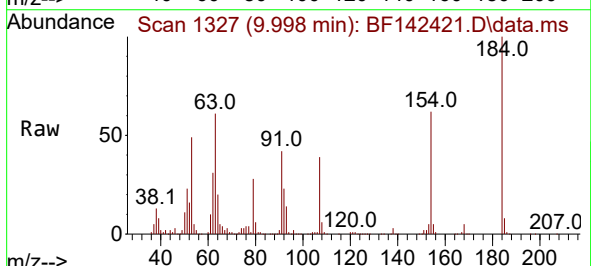
RT: 9.998 min Scan# 1327

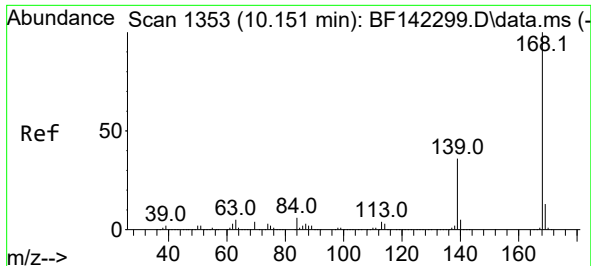
Delta R.T. 0.006 min

Lab File: BF142421.D

Acq: 16 May 2025 12:11

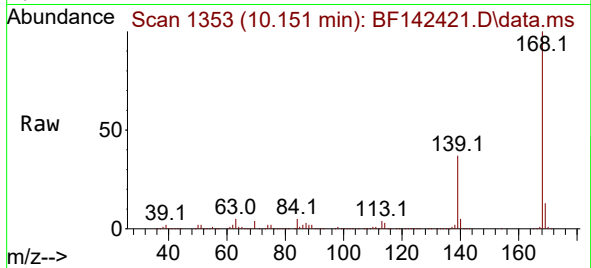
Tgt Ion:184 Resp: 271892
 Ion Ratio Lower Upper
 184 100
 63 60.6 70.6 105.8#
 154 62.5 257.2 385.8#





#55
Dibenzenofuran
Concen: 40.887 ng
RT: 10.151 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142421.D
Acq: 16 May 2025 12:11

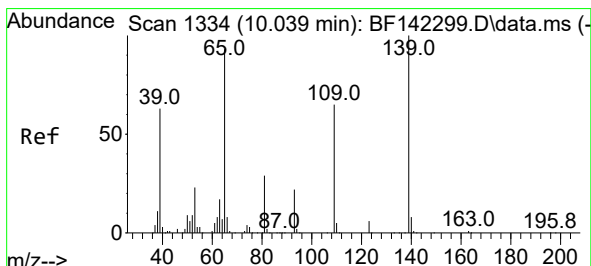
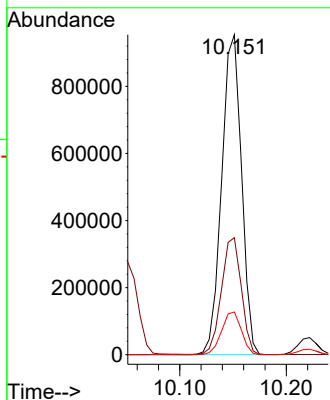
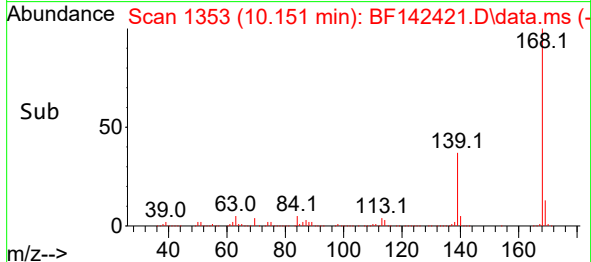
Instrument :
BNA_F
ClientSampleId :
PB167970BS



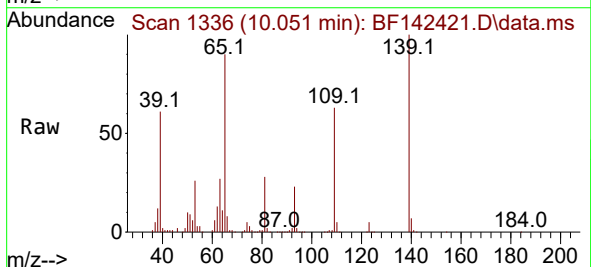
Tgt Ion:168 Resp: 123227
Ion Ratio Lower Upper
168 100
139 36.6 29.0 43.4
169 13.4 10.7 16.1

Manual Integrations
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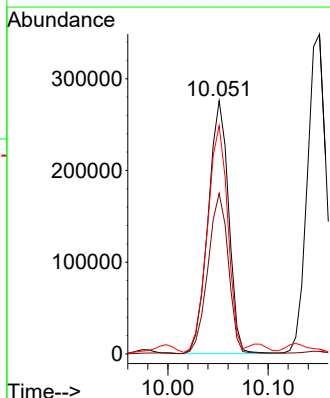
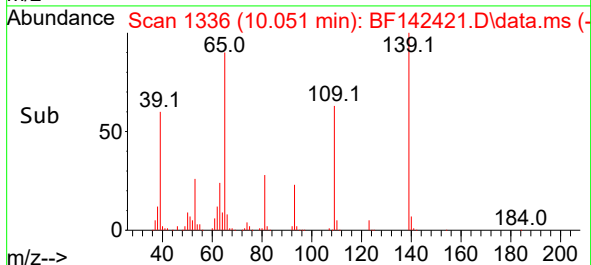
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

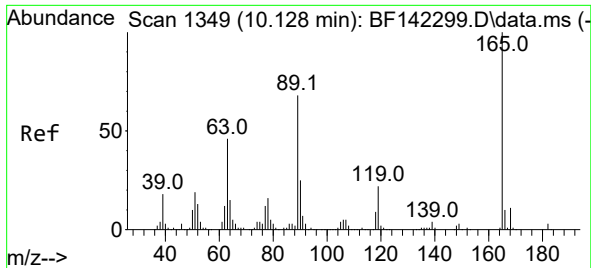


#56
4-Nitrophenol
Concen: 103.808 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.012 min
Lab File: BF142421.D
Acq: 16 May 2025 12:11



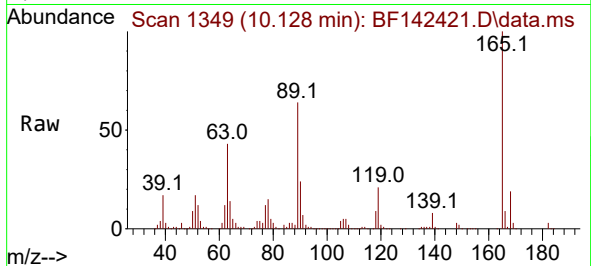
Tgt Ion:139 Resp: 392129
Ion Ratio Lower Upper
139 100
109 63.4 45.3 85.3
65 90.1 73.9 113.9





#57
2,4-Dinitrotoluene
Concen: 54.938 ng
RT: 10.128 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BF142421.D
Acq: 16 May 2025 12:11

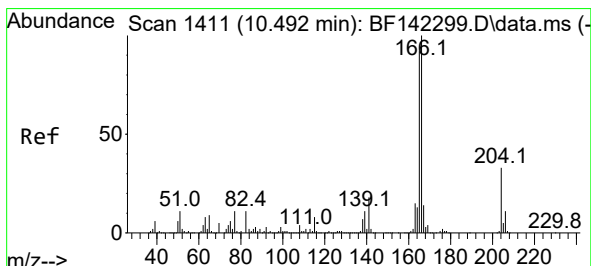
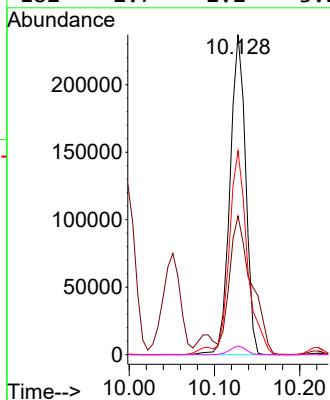
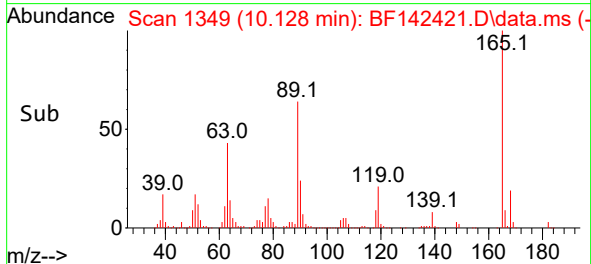
Instrument :
BNA_F
ClientSampleId :
PB167970BS



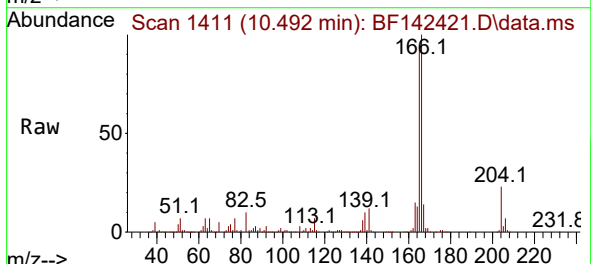
Tgt Ion:165 Resp: 30158
Ion Ratio Lower Upper
165 100
63 43.3 37.1 55.7
89 63.7 54.4 81.6
182 2.7 2.2 3.2

Manual Integrations
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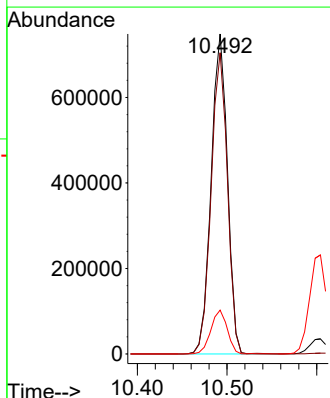
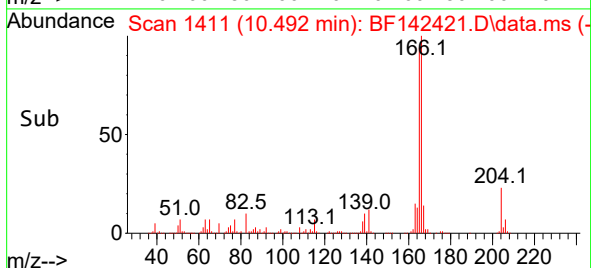
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

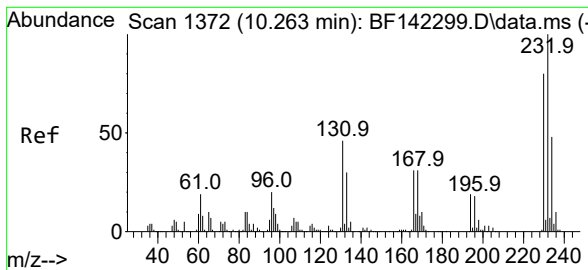


#58
Fluorene
Concen: 40.983 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF142421.D
Acq: 16 May 2025 12:11



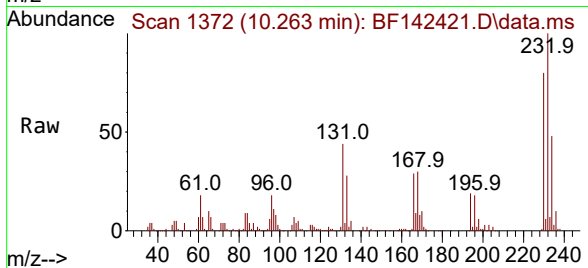
Tgt Ion:166 Resp: 942612
Ion Ratio Lower Upper
166 100
165 94.2 74.0 111.0
167 13.7 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.380 ng
RT: 10.263 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BF142421.D
Acq: 16 May 2025 12:11

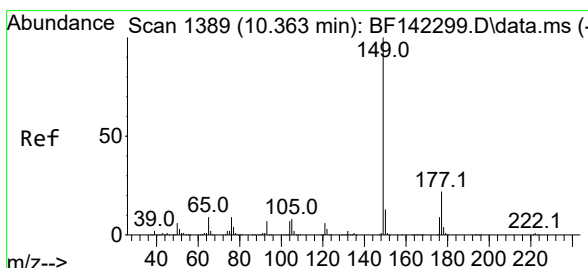
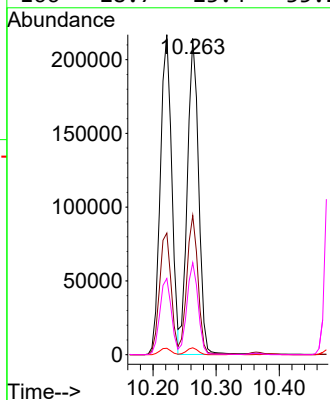
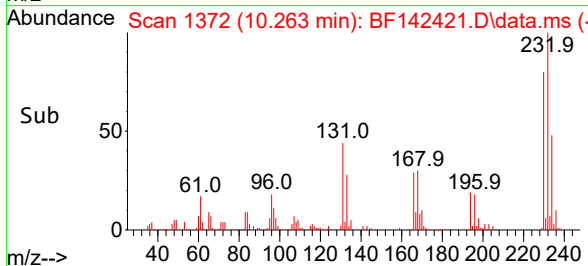
Instrument :
BNA_F
ClientSampleId :
PB167970BS



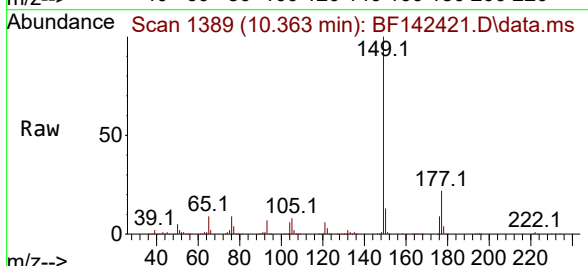
Tgt Ion:232 Resp: 266540
Ion Ratio Lower Upper
232 100
131 43.9 36.0 54.0
130 2.2 1.8 2.6
166 28.7 23.4 35.2

Manual Integrations
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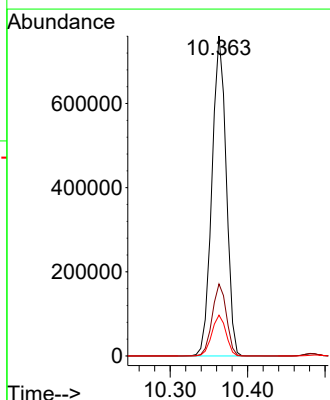
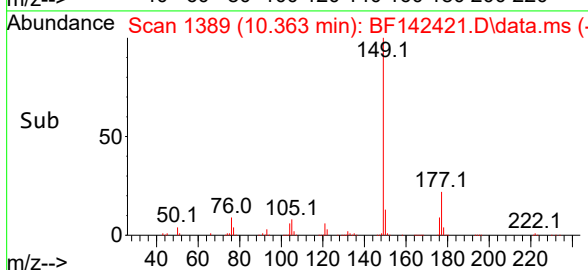
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

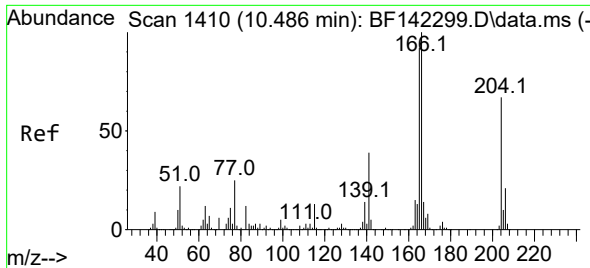


#60
Diethylphthalate
Concen: 42.495 ng
RT: 10.363 min Scan# 1389
Delta R.T. 0.000 min
Lab File: BF142421.D
Acq: 16 May 2025 12:11



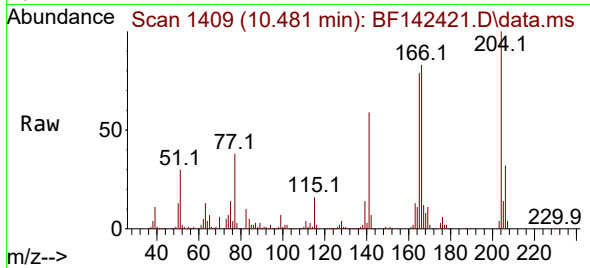
Tgt Ion:149 Resp: 970248
Ion Ratio Lower Upper
149 100
177 22.5 17.6 26.4
150 12.8 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 42.042 ng
RT: 10.481 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF142421.D
Acq: 16 May 2025 12:11

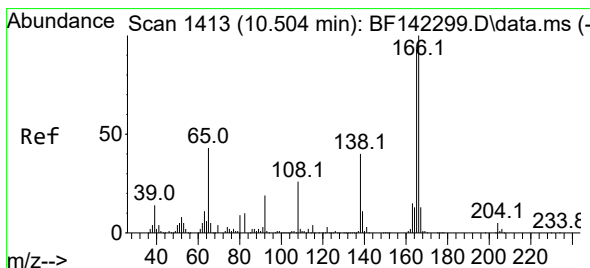
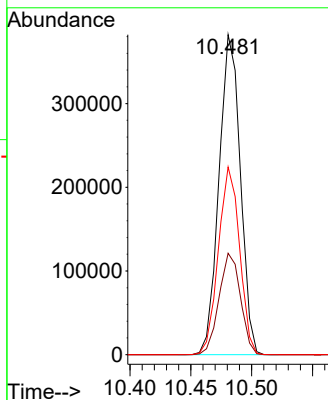
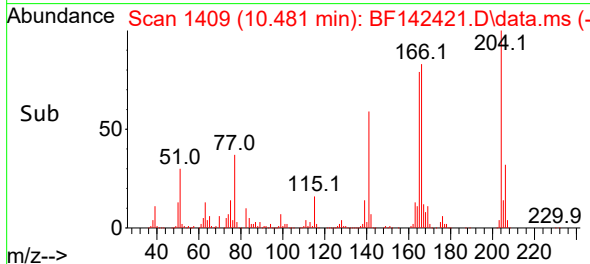
Instrument :
BNA_F
ClientSampleId :
PB167970BS



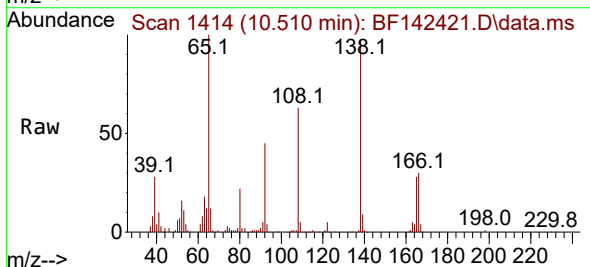
Tgt Ion:204 Resp: 46652
Ion Ratio Lower Upper
204 100
206 31.7 25.5 38.3
141 58.7 46.4 69.6

Manual Integrations
APPROVED

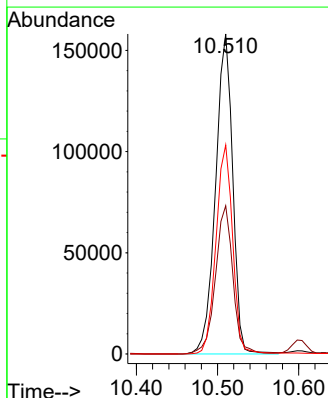
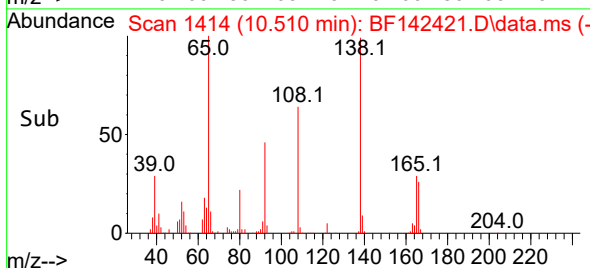
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

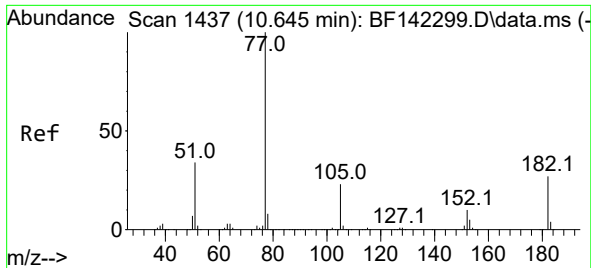


#62
4-Nitroaniline
Concen: 58.495 ng
RT: 10.510 min Scan# 1414
Delta R.T. 0.006 min
Lab File: BF142421.D
Acq: 16 May 2025 12:11



Tgt Ion:138 Resp: 232693
Ion Ratio Lower Upper
138 100
92 46.3 27.3 67.3
108 65.3 45.1 85.1





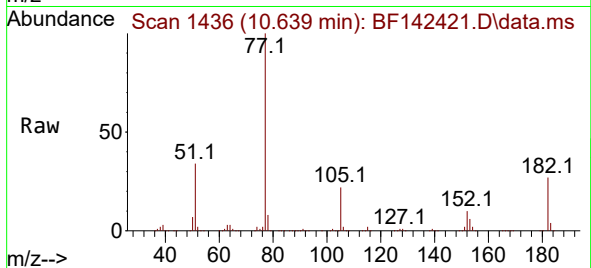
#63
Azobenzene
Concen: 40.432 ng
RT: 10.639 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF142421.D
Acq: 16 May 2025 12:11

Instrument :

BNA_F

ClientSampleId :

PB167970BS



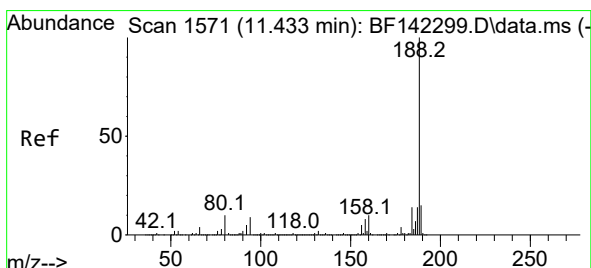
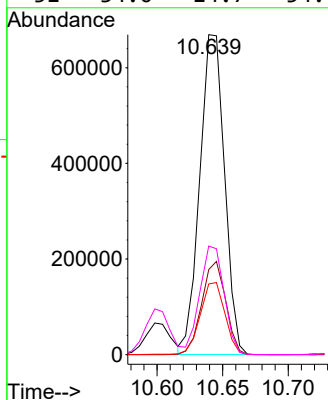
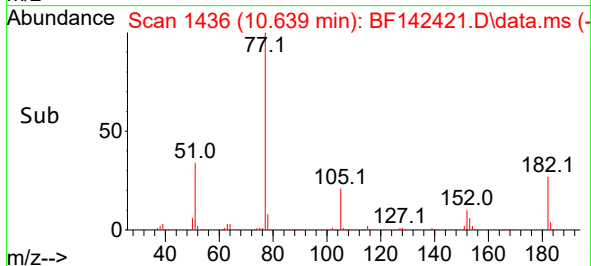
Tgt Ion: 77 Resp: 882138
Ion Ratio Lower Upper
77 100
182 26.6 6.9 46.9
105 22.1 2.7 42.7
51 34.0 14.7 54.7

Manual Integrations

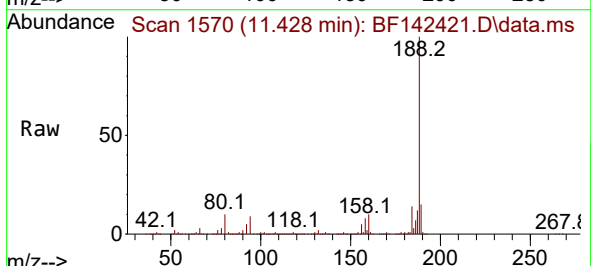
APPROVED

Reviewed By :Rahul Chavli 05/19/2025

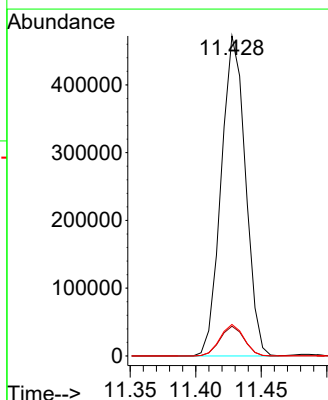
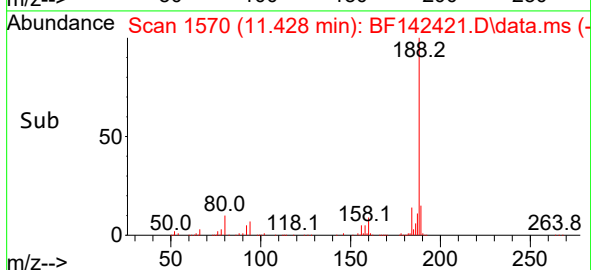
Supervised By :Jagrut Upadhyay 05/19/2025

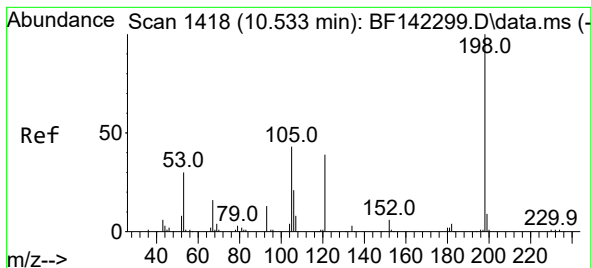


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142421.D
Acq: 16 May 2025 12:11



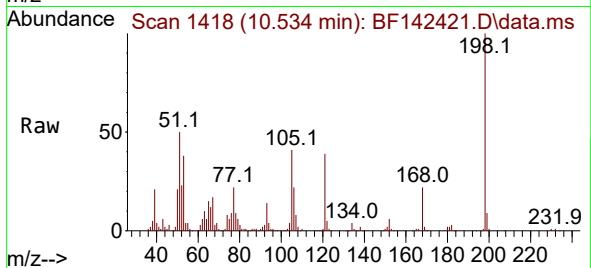
Tgt Ion:188 Resp: 608621
Ion Ratio Lower Upper
188 100
94 9.3 7.5 11.3
80 9.8 7.9 11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 56.540 ng
RT: 10.534 min Scan# 1418
Delta R.T. 0.001 min
Lab File: BF142421.D
Acq: 16 May 2025 12:11

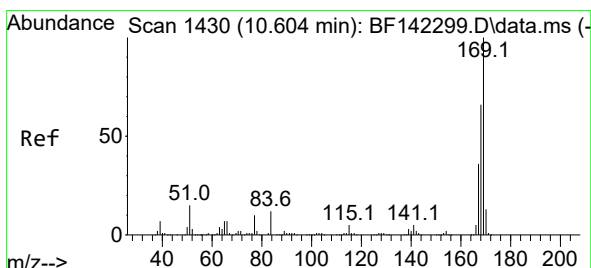
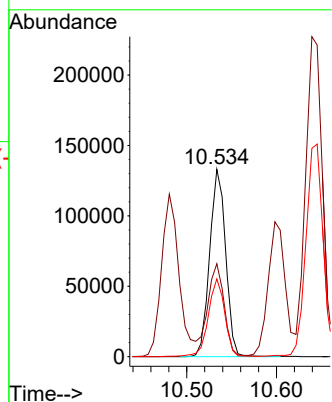
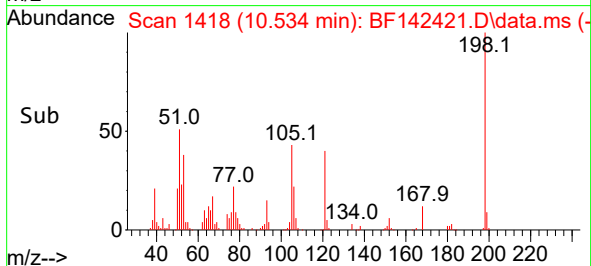
Instrument :
BNA_F
ClientSampleId :
PB167970BS



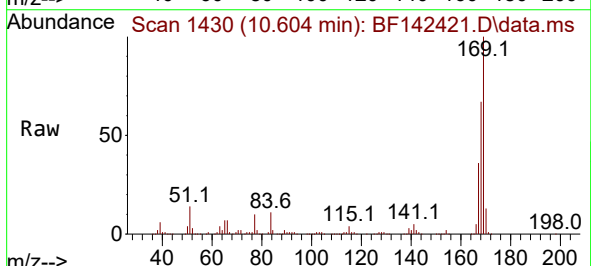
Tgt Ion:198 Resp: 164675
Ion Ratio Lower Upper
198 100
51 49.6 32.9 72.9
105 41.5 23.7 63.7

Manual Integrations
APPROVED

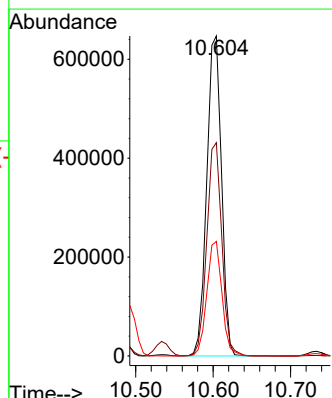
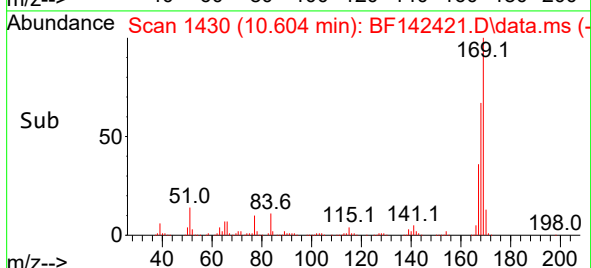
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

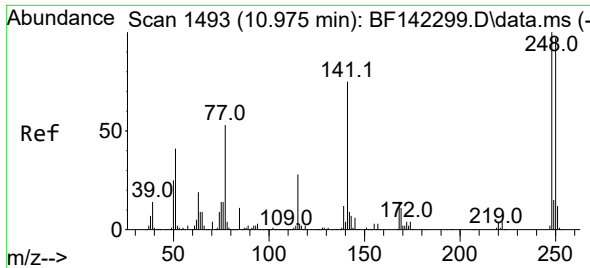


#66
n-Nitrosodiphenylamine
Concen: 42.178 ng
RT: 10.604 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF142421.D
Acq: 16 May 2025 12:11



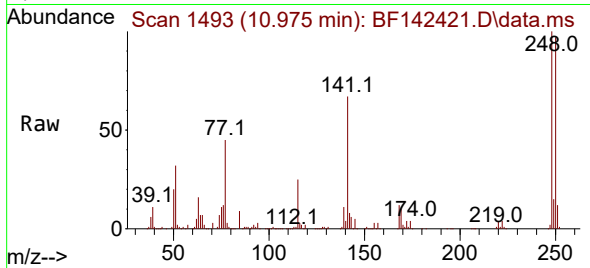
Tgt Ion:169 Resp: 854210
Ion Ratio Lower Upper
169 100
168 66.6 53.2 79.8
167 35.8 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 43.607 ng
RT: 10.975 min Scan# 1493
Delta R.T. 0.000 min
Lab File: BF142421.D
Acq: 16 May 2025 12:11

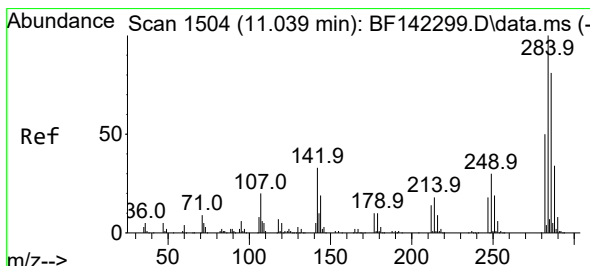
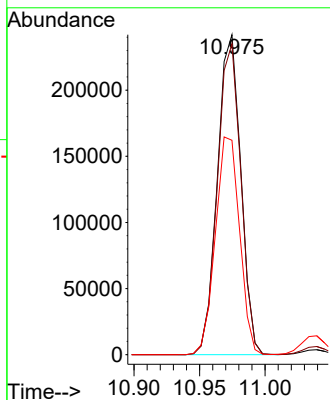
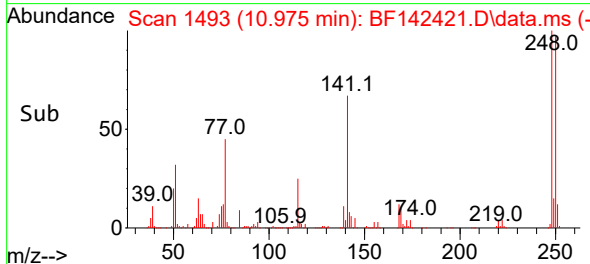
Instrument :
BNA_F
ClientSampleId :
PB167970BS



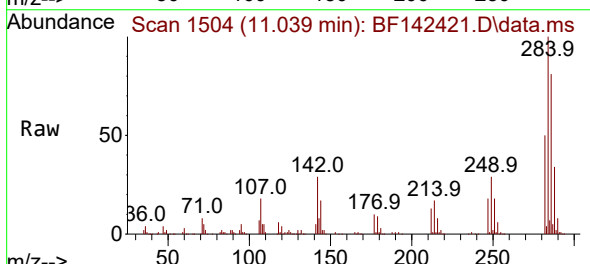
Tgt Ion:248 Resp: 300785
Ion Ratio Lower Upper
248 100
250 97.1 77.9 116.9
141 67.0 59.8 89.8

Manual Integrations
APPROVED

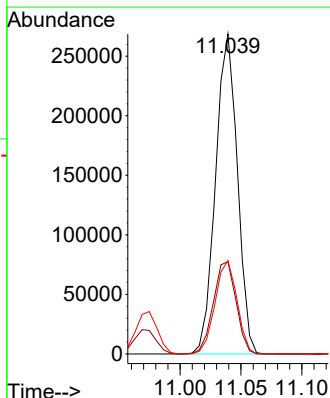
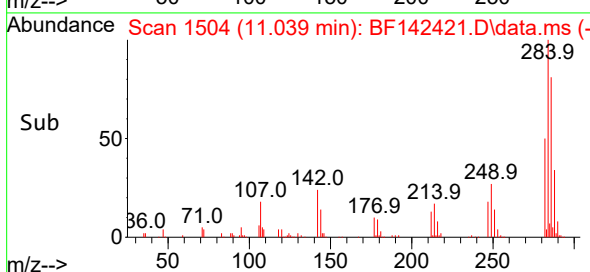
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

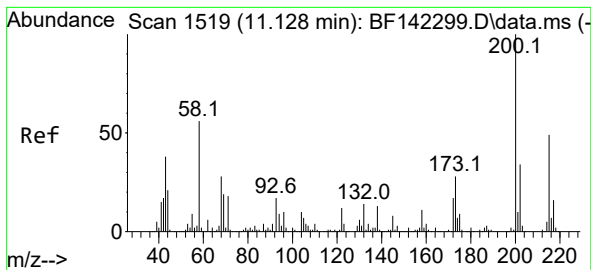


#68
Hexachlorobenzene
Concen: 44.167 ng
RT: 11.039 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BF142421.D
Acq: 16 May 2025 12:11



Tgt Ion:284 Resp: 335112
Ion Ratio Lower Upper
284 100
142 28.9 26.6 39.8
249 29.2 24.1 36.1





#69

Atrazine

Concen: 48.109 ng

RT: 11.128 min Scan# 1519

Delta R.T. 0.000 min

Lab File: BF142421.D

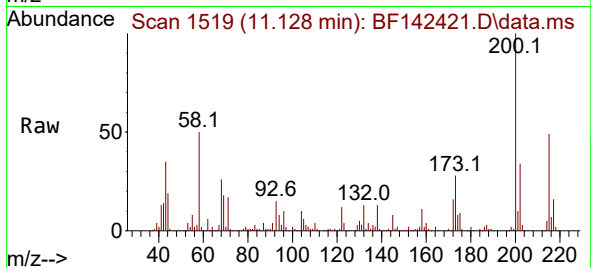
Acq: 16 May 2025 12:11

Instrument :

BNA_F

ClientSampleId :

PB167970BS



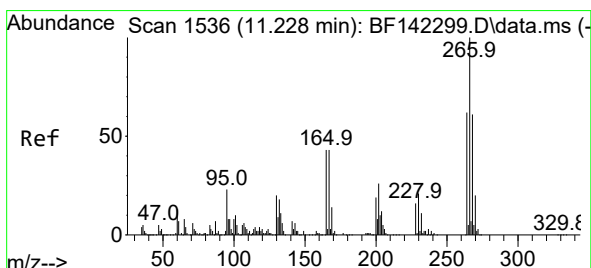
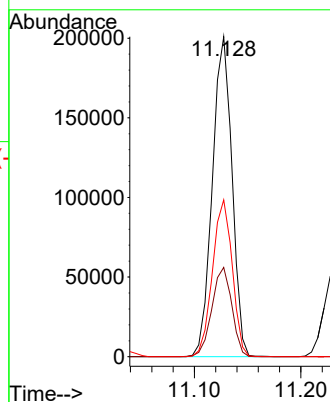
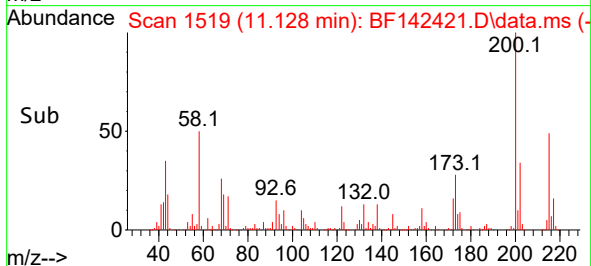
Tgt Ion:200	Resp: 25683
Ion Ratio	Lower Upper
200	100
173	27.9 8.1 48.1
215	49.0 28.8 68.8

Manual Integrations

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Reviewed By :Rahul Chavli 05/19/2025

Supervised By :Jagrut Upadhyay 05/19/2025



#70

Pentachlorophenol

Concen: 103.008 ng

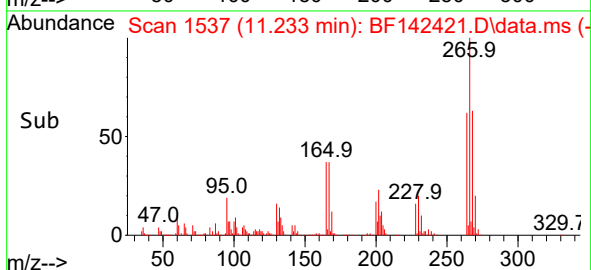
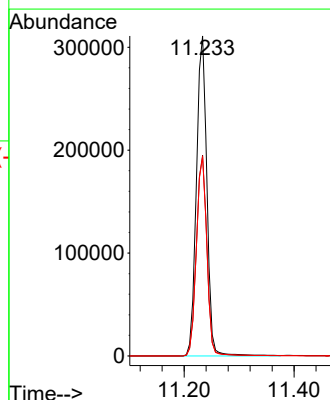
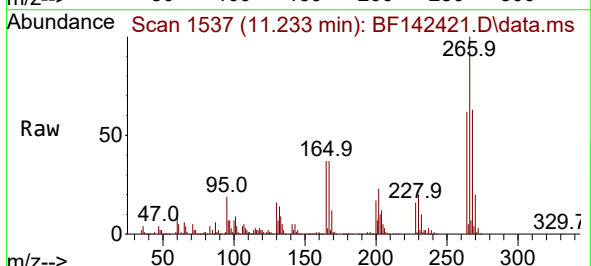
RT: 11.233 min Scan# 1537

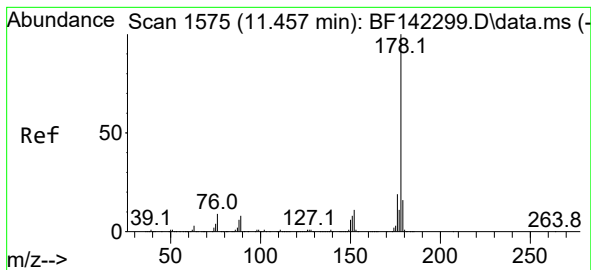
Delta R.T. 0.006 min

Lab File: BF142421.D

Acq: 16 May 2025 12:11

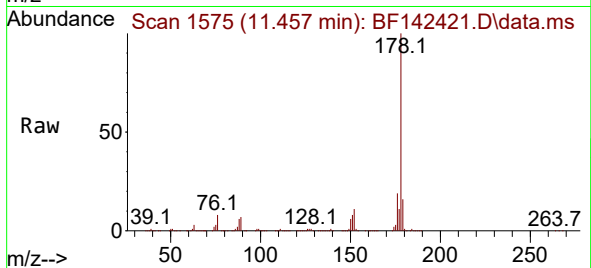
Tgt Ion:266	Resp: 411154
Ion Ratio	Lower Upper
266	100
268	62.7 48.7 73.1
264	62.3 49.8 74.6





#71
Phenanthrene
Concen: 41.853 ng
RT: 11.457 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF142421.D
Acq: 16 May 2025 12:11

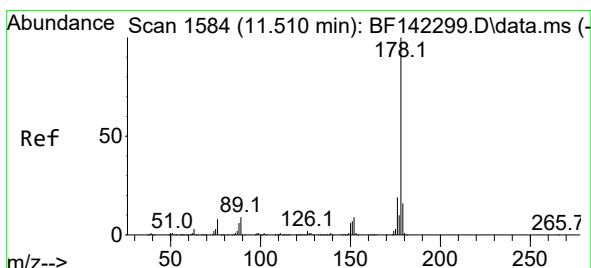
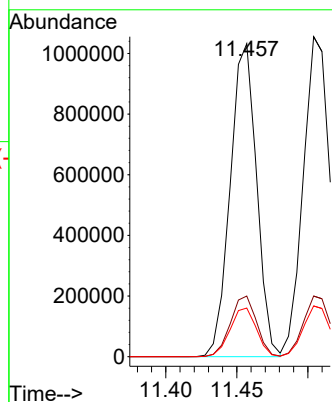
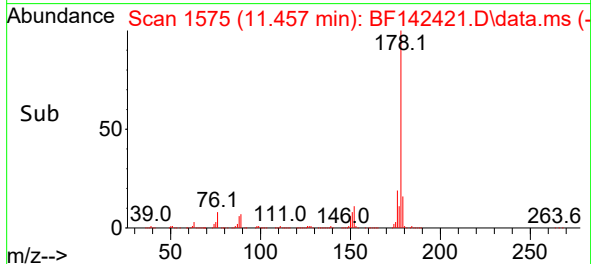
Instrument :
BNA_F
ClientSampleId :
PB167970BS



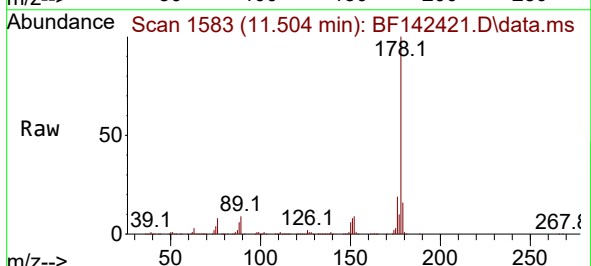
Tgt Ion:178 Resp: 133520
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.6 12.6 18.8

Manual Integrations
APPROVED

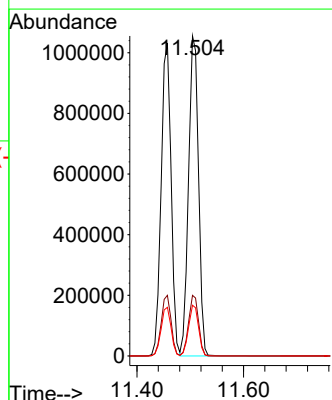
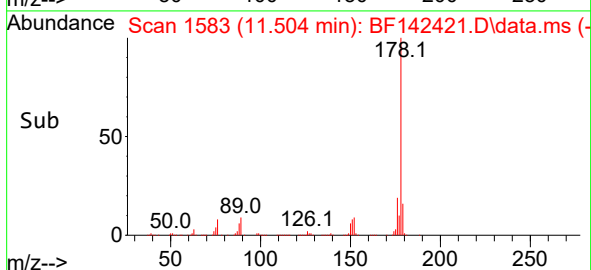
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

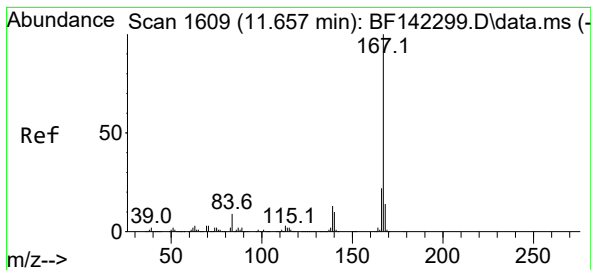


#72
Anthracene
Concen: 41.830 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142421.D
Acq: 16 May 2025 12:11



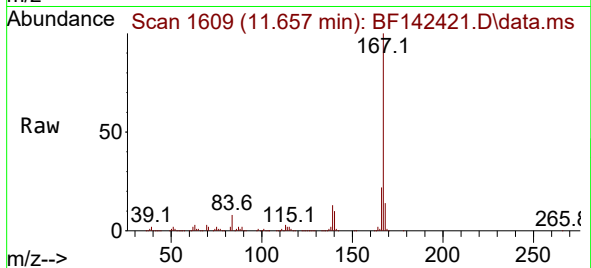
Tgt Ion:178 Resp: 1371181
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.9 12.6 18.8





#73
 Carbazole
 Concen: 42.018 ng
 RT: 11.657 min Scan# 1609
 Delta R.T. 0.000 min
 Lab File: BF142421.D
 Acq: 16 May 2025 12:11

Instrument :
 BNA_F
 ClientSampleId :
 PB167970BS

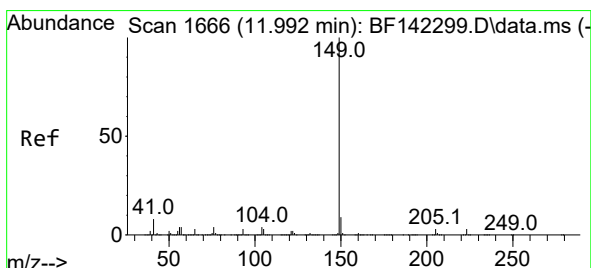
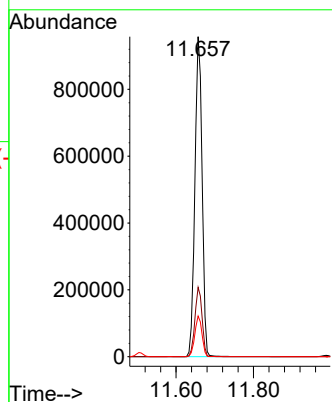
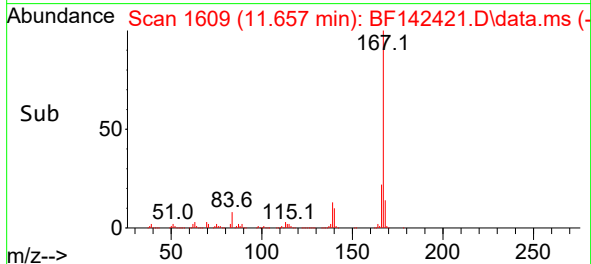


Tgt Ion:167 Resp: 1235690

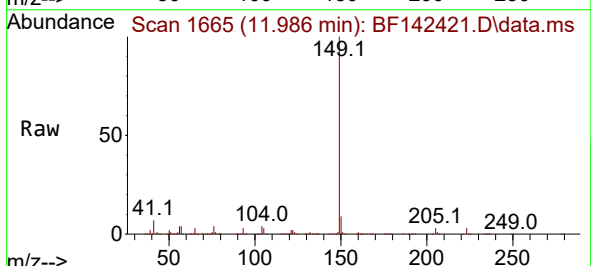
Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.2	25.8
139	12.7	10.3	15.5

Manual Integrations
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Reviewed By :Rahul Chavli 05/19/2025
 Supervised By :Jagrut Upadhyay 05/19/2025

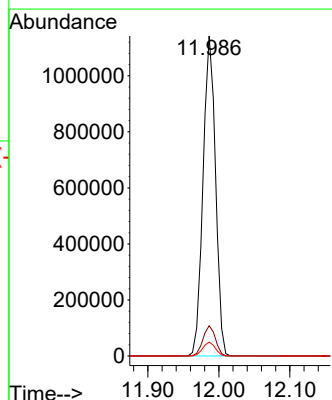
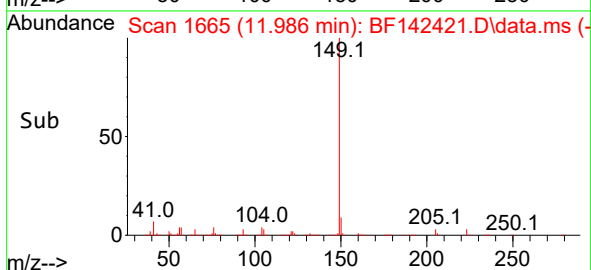


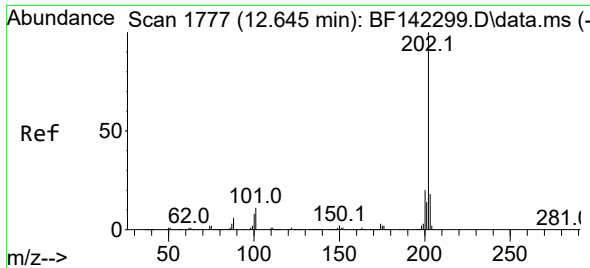
#74
 Di-n-butylphthalate
 Concen: 45.178 ng
 RT: 11.986 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF142421.D
 Acq: 16 May 2025 12:11



Tgt Ion:149 Resp: 1397108

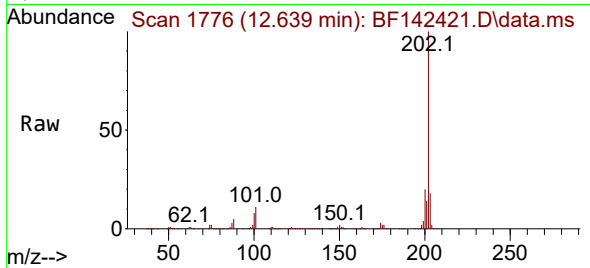
Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.5	11.3
104	4.4	3.6	5.4





#75
Fluoranthene
Concen: 41.341 ng
RT: 12.639 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF142421.D
Acq: 16 May 2025 12:11

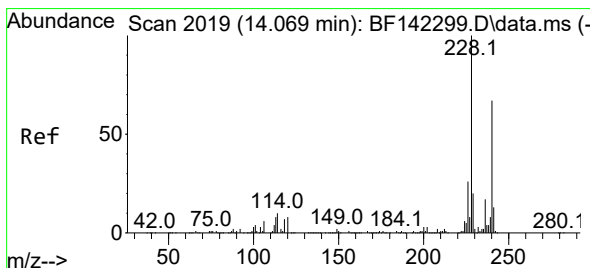
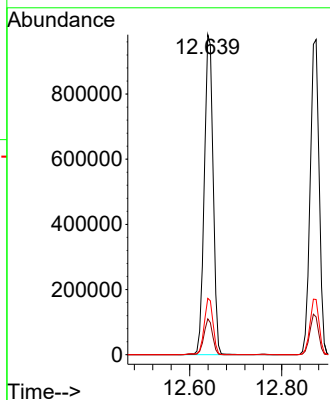
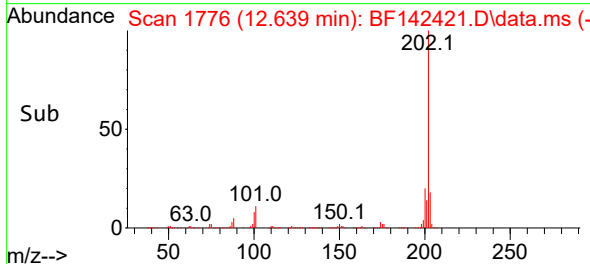
Instrument :
BNA_F
ClientSampleId :
PB167970BS



Tgt Ion:202 Resp: 131837
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.4
203 17.6 0.0 37.9

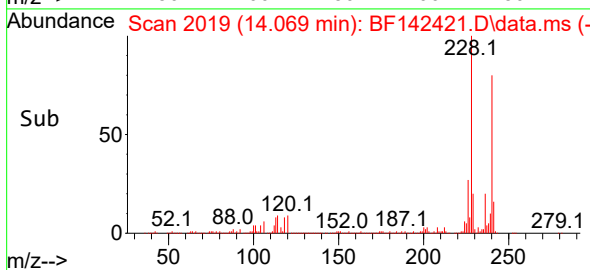
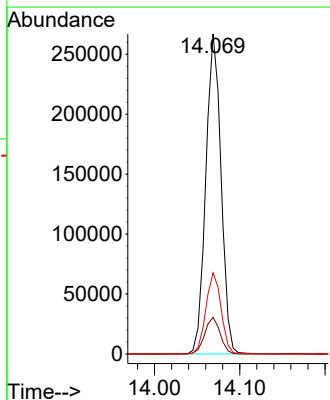
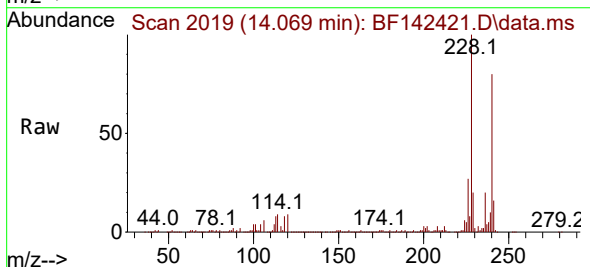
Manual Integrations
APPROVED

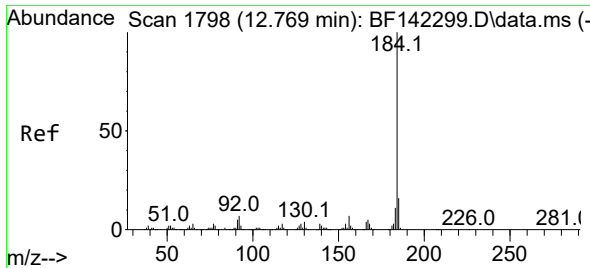
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF142421.D
Acq: 16 May 2025 12:11

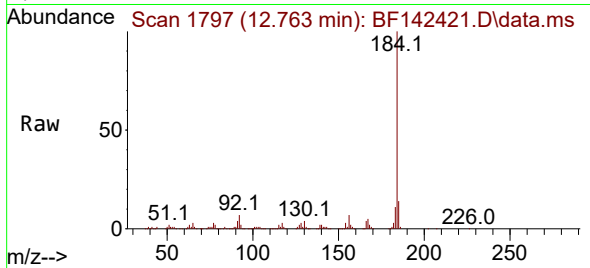
Tgt Ion:240 Resp: 331822
Ion Ratio Lower Upper
240 100
120 11.5 9.7 14.5
236 25.4 20.0 30.0





#77
Benzidine
Concen: 72.028 ng
RT: 12.763 min Scan# 1797
Delta R.T. -0.006 min
Lab File: BF142421.D
Acq: 16 May 2025 12:11

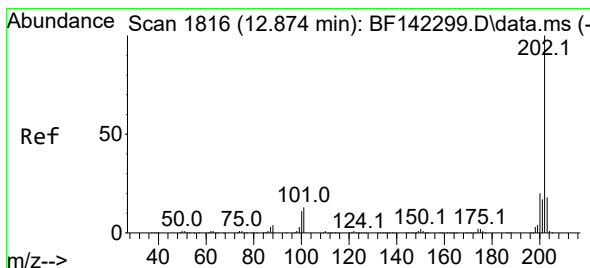
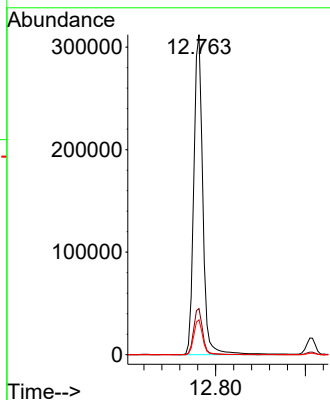
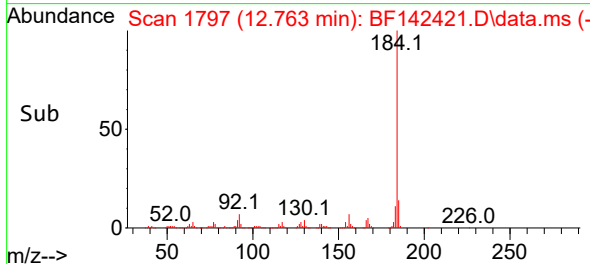
Instrument :
BNA_F
ClientSampleId :
PB167970BS



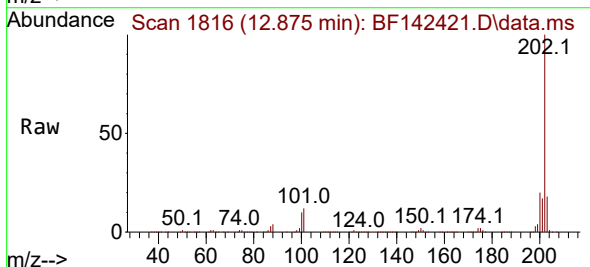
Tgt Ion:184 Resp: 434342
Ion Ratio Lower Upper
184 100
185 14.4 12.6 18.8
183 10.9 8.6 12.8

Manual Integrations
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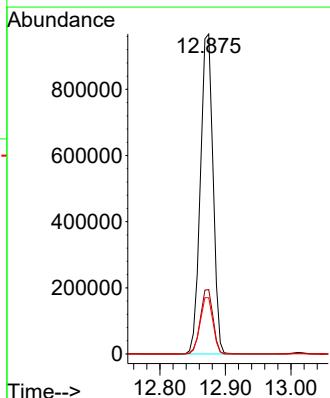
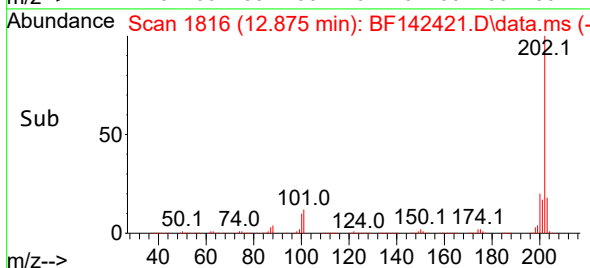
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

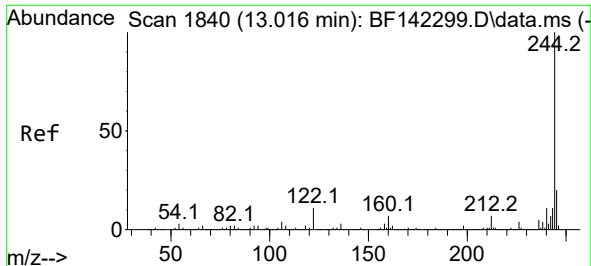


#78
Pyrene
Concen: 44.039 ng
RT: 12.875 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF142421.D
Acq: 16 May 2025 12:11



Tgt Ion:202 Resp: 1300702
Ion Ratio Lower Upper
202 100
200 20.1 16.2 24.4
203 17.5 14.3 21.5





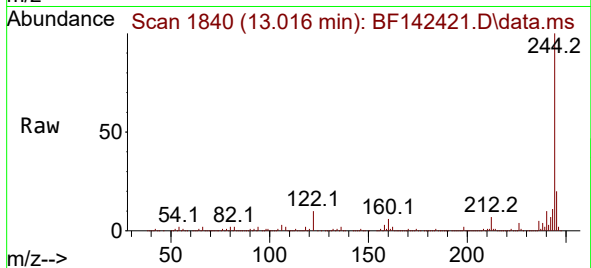
#79
 Terphenyl-d14
 Concen: 77.390 ng
 RT: 13.016 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF142421.D
 Acq: 16 May 2025 12:11

Instrument :

BNA_F

ClientSampleId :

PB167970BS



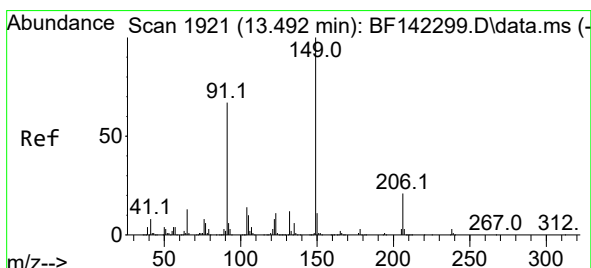
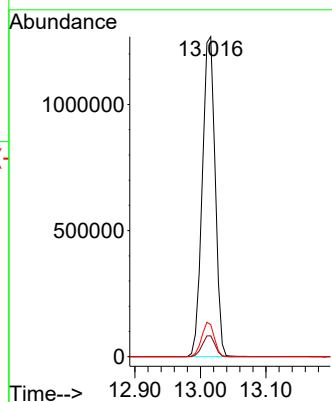
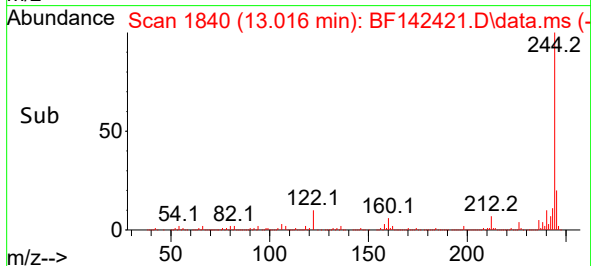
Tgt Ion:244 Resp: 173500
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.2
 122 10.0 9.0 13.4

Manual Integrations

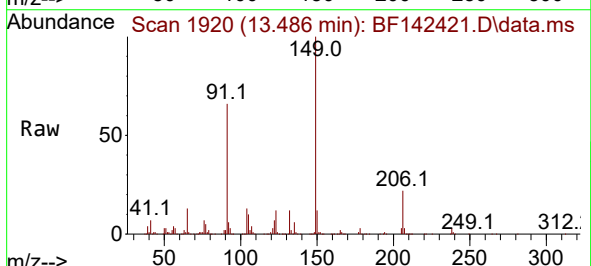
APPROVED

Reviewed By :Rahul Chavli 05/19/2025

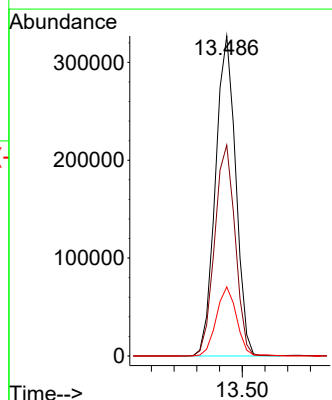
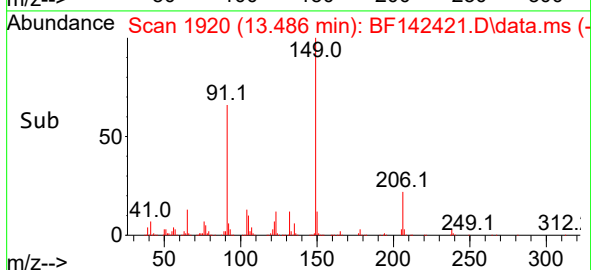
Supervised By :Jagrut Upadhyay 05/19/2025

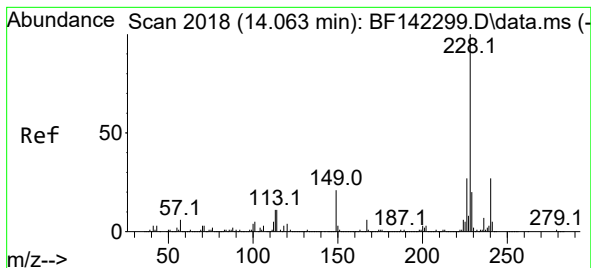


#80
 Butylbenzylphthalate
 Concen: 47.114 ng
 RT: 13.486 min Scan# 1920
 Delta R.T. -0.006 min
 Lab File: BF142421.D
 Acq: 16 May 2025 12:11



Tgt Ion:149 Resp: 405465
 Ion Ratio Lower Upper
 149 100
 91 65.9 53.8 80.6
 206 21.6 16.6 24.8





#81

Benzo(a)anthracene

Concen: 43.633 ng

RT: 14.057 min Scan# 2017

Delta R.T. -0.006 min

Lab File: BF142421.D

Acq: 16 May 2025 12:11

Instrument :

BNA_F

ClientSampleId :

PB167970BS

Tgt Ion:228 Resp: 93763

Ion Ratio Lower Upper

228 100

226 27.4 21.5 32.3

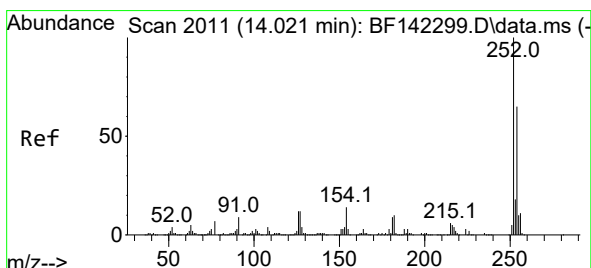
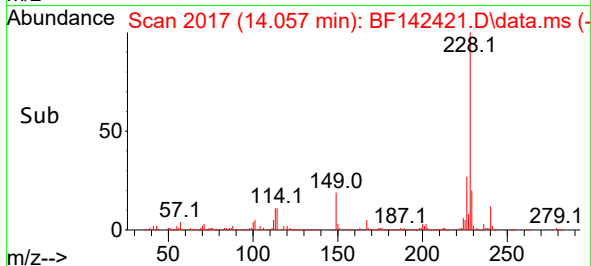
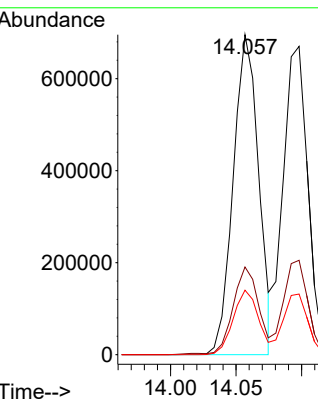
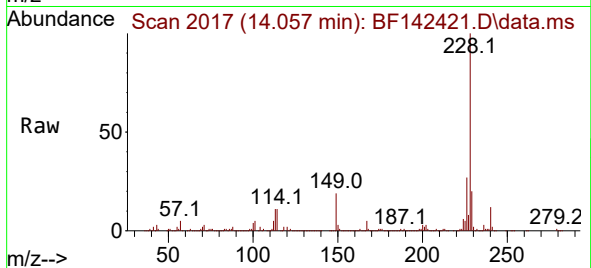
229 20.1 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/19/2025

Supervised By :Jagrut Upadhyay 05/19/2025



#82

3,3'-Dichlorobenzidine

Concen: 44.331 ng

RT: 14.022 min Scan# 2011

Delta R.T. 0.001 min

Lab File: BF142421.D

Acq: 16 May 2025 12:11

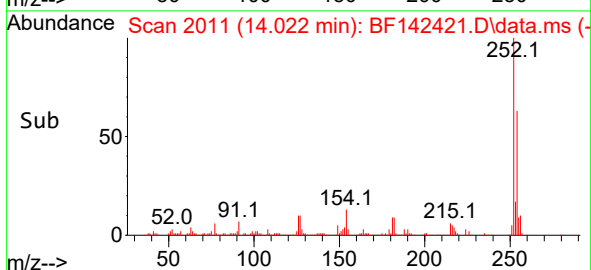
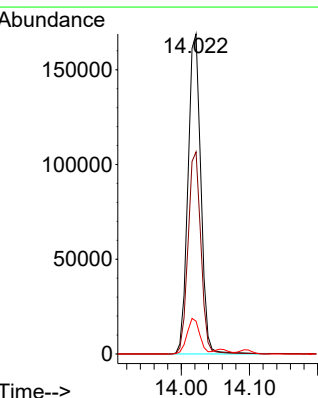
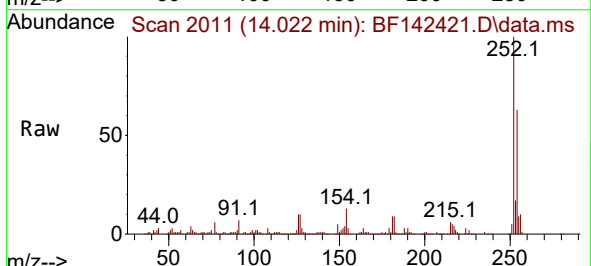
Tgt Ion:252 Resp: 221534

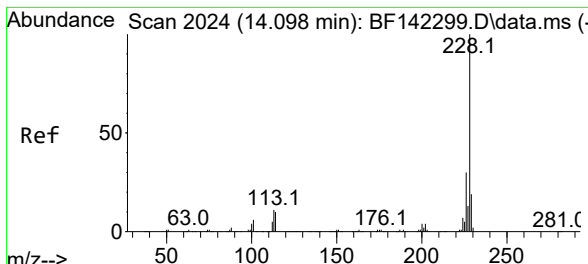
Ion Ratio Lower Upper

252 100

254 63.1 52.0 78.0

126 10.3 9.7 14.5



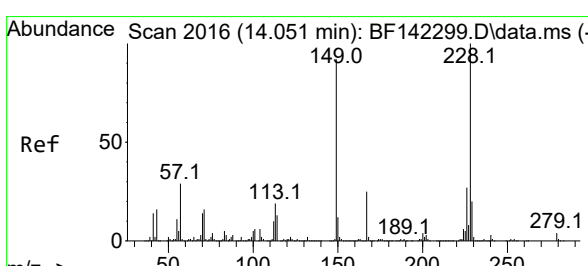
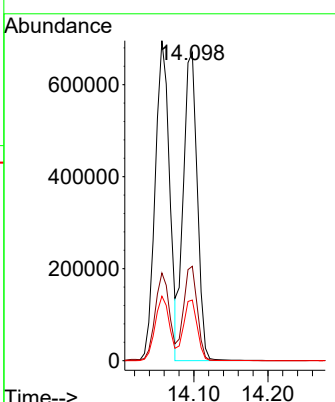
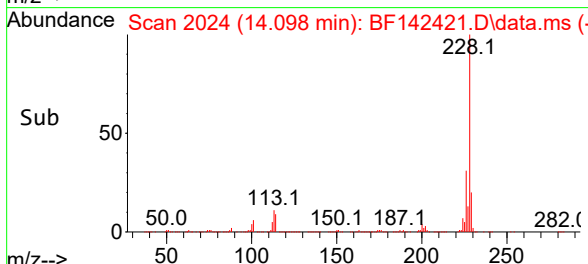
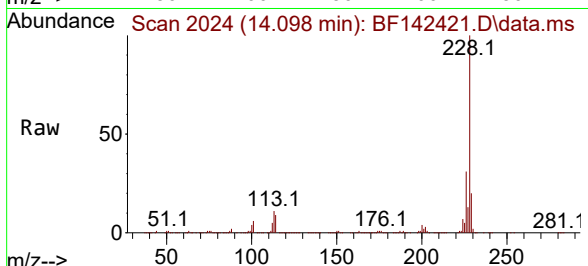


#83
 Chrysene
 Concen: 43.735 ng
 RT: 14.098 min Scan# 2015
 Delta R.T. 0.000 min
 Lab File: BF142421.D
 Acq: 16 May 2025 12:11

Instrument : BNA_F
 ClientSampleId : PB167970BS

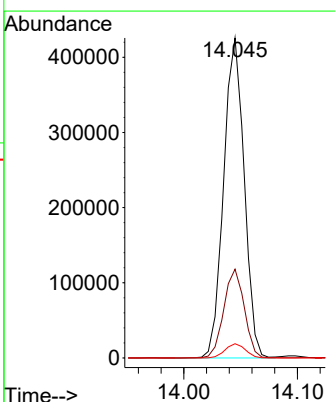
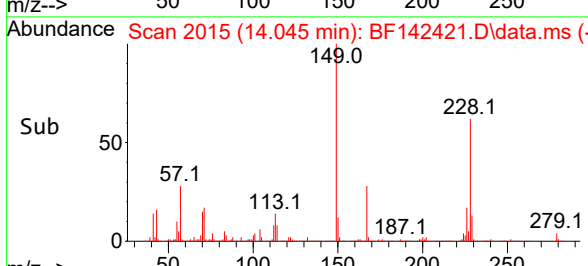
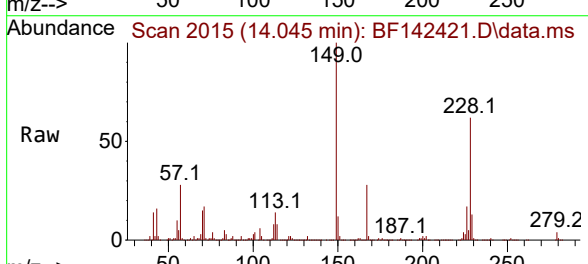
Tgt Ion:	228	Resp:	87492
Ion Ratio	100	Lower	Upper
226	30.6	23.9	35.9
229	19.7	15.4	23.2

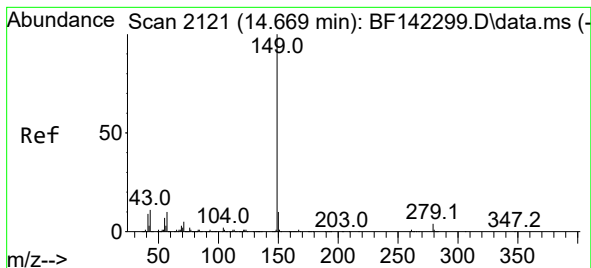
Manual Integrations
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 Reviewed By :Rahul Chavli 05/19/2025
 Supervised By :Jagrut Upadhyay 05/19/2025



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.678 ng
 RT: 14.045 min Scan# 2015
 Delta R.T. -0.006 min
 Lab File: BF142421.D
 Acq: 16 May 2025 12:11

Tgt Ion:	149	Resp:	534825
Ion Ratio	100	Lower	Upper
167	27.7	22.0	33.0
279	4.5	3.0	4.6





#85

Di-n-octyl phthalate

Concen: 49.255 ng

RT: 14.663 min Scan# 2121

Delta R.T. -0.006 min

Lab File: BF142421.D

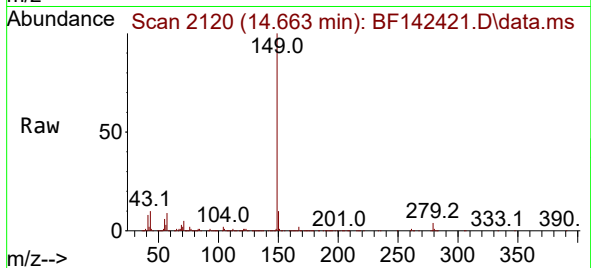
Acq: 16 May 2025 12:11

Instrument :

BNA_F

ClientSampleId :

PB167970BS



Tgt Ion:149 Resp: 100177

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

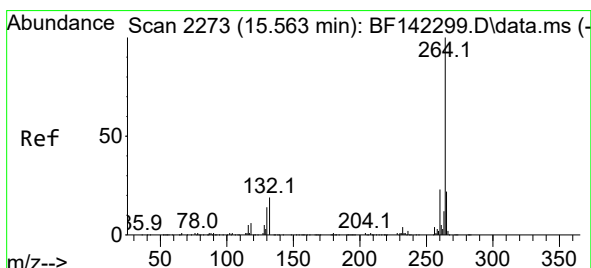
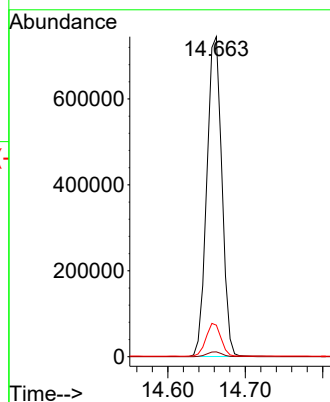
43 10.1 9.2 13.8

Manual Integrations

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Reviewed By :Rahul Chavli 05/19/2025

Supervised By :Jagrut Upadhyay 05/19/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 2272

Delta R.T. -0.006 min

Lab File: BF142421.D

Acq: 16 May 2025 12:11

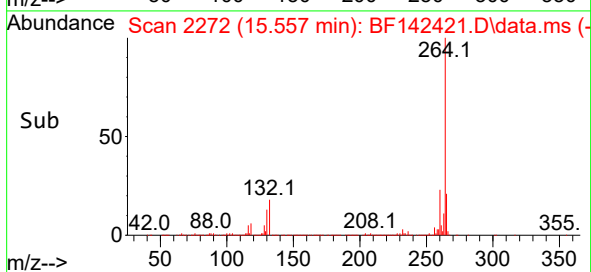
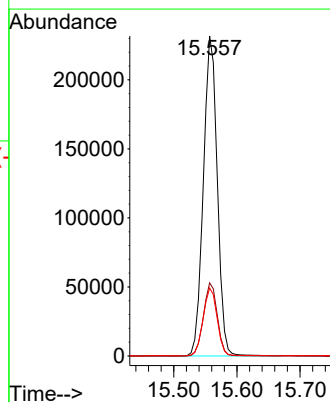
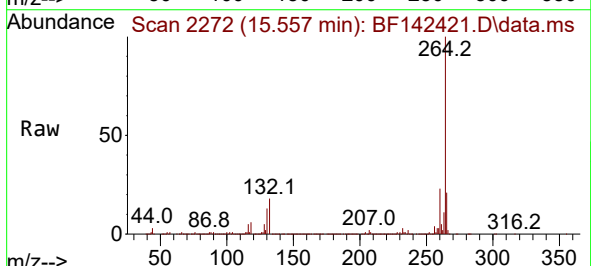
Tgt Ion:264 Resp: 355407

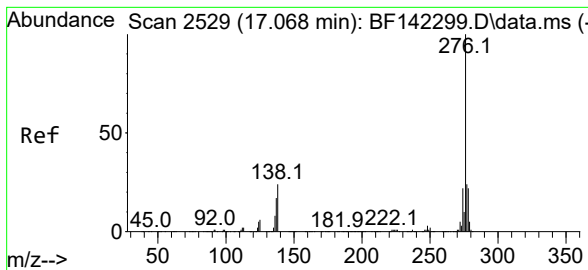
Ion Ratio Lower Upper

264 100

260 22.8 18.6 27.8

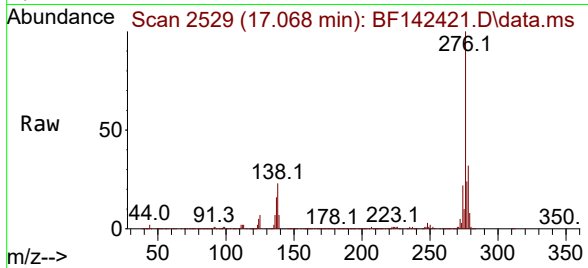
265 21.3 17.5 26.3





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 44.965 ng
 RT: 17.068 min Scan# 2111678
 Delta R.T. 0.000 min
 Lab File: BF142421.D
 Acq: 16 May 2025 12:11

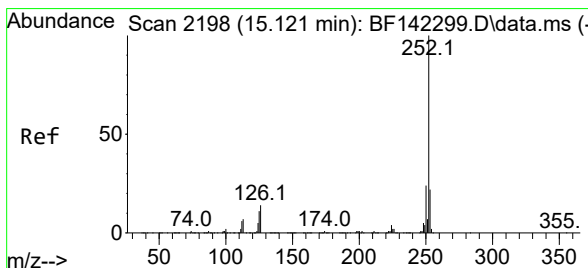
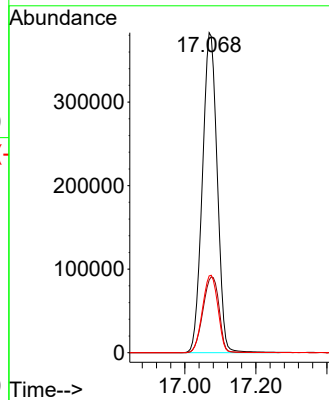
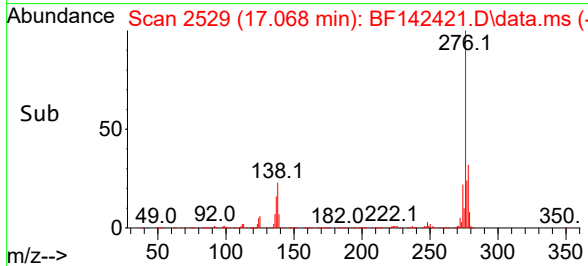
Instrument :
 BNA_F
 ClientSampleId :
 PB167970BS



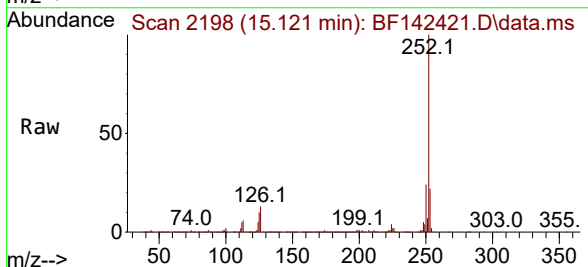
Tgt Ion:276 Resp: 1111678
 Ion Ratio Lower Upper
 276 100
 138 25.7 22.0 33.0
 277 25.3 20.1 30.1

Manual Integrations
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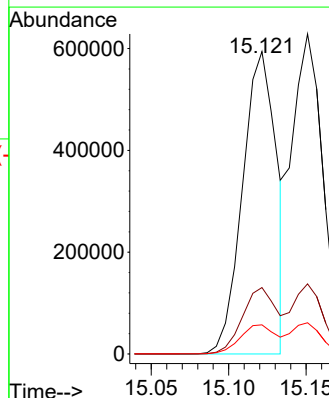
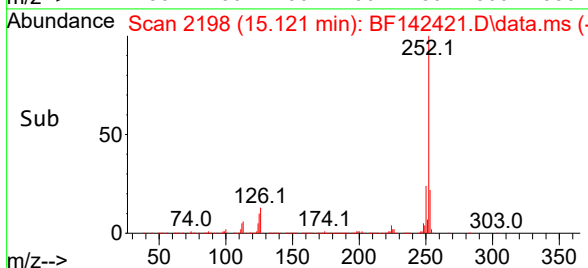
Reviewed By :Rahul Chavli 05/19/2025
 Supervised By :Jagrut Upadhyay 05/19/2025

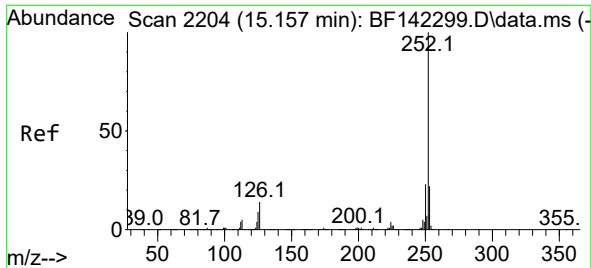


#88
 Benzo(b)fluoranthene
 Concen: 41.905 ng
 RT: 15.121 min Scan# 2198
 Delta R.T. 0.000 min
 Lab File: BF142421.D
 Acq: 16 May 2025 12:11



Tgt Ion:252 Resp: 902016
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.7 26.5
 125 9.6 8.7 13.1





#89
Benzo(k)fluoranthene
Concen: 44.136 ng
RT: 15.151 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142421.D
Acq: 16 May 2025 12:11

Instrument :

BNA_F

ClientSampleId :

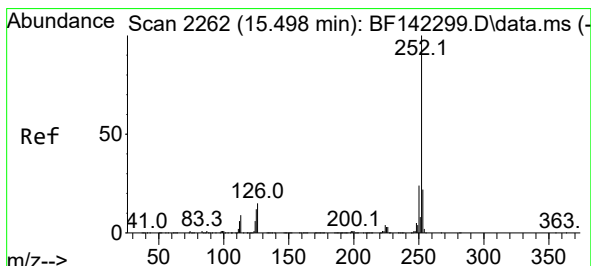
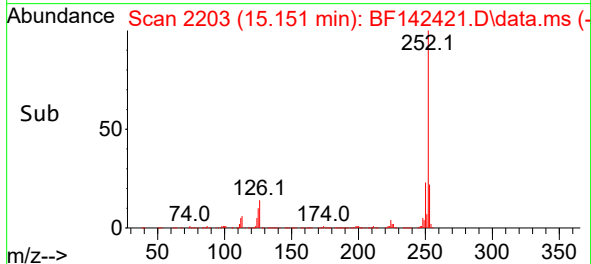
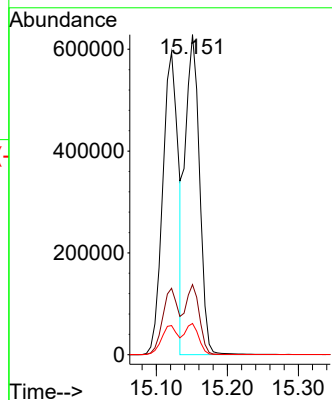
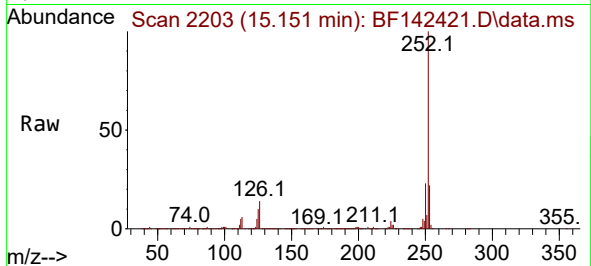
PB167970BS

Tgt Ion:252 Resp: 86942
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 9.7 8.1 12.1

Manual Integrations

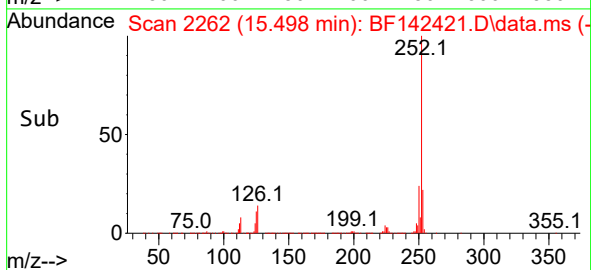
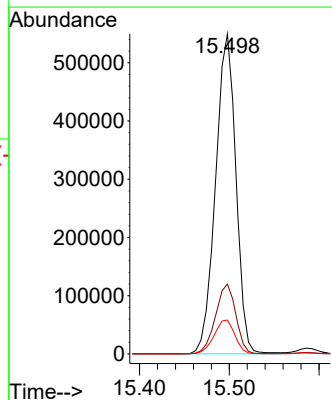
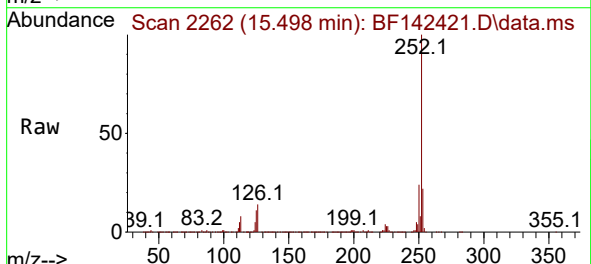
APPROVED

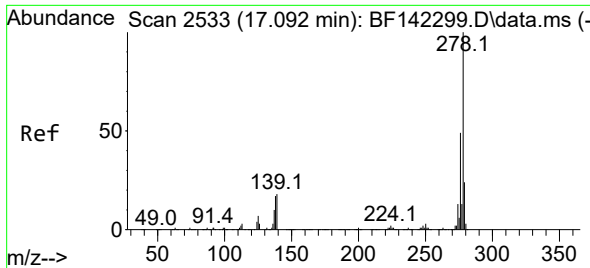
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025



#90
Benzo(a)pyrene
Concen: 44.843 ng
RT: 15.498 min Scan# 2262
Delta R.T. 0.000 min
Lab File: BF142421.D
Acq: 16 May 2025 12:11

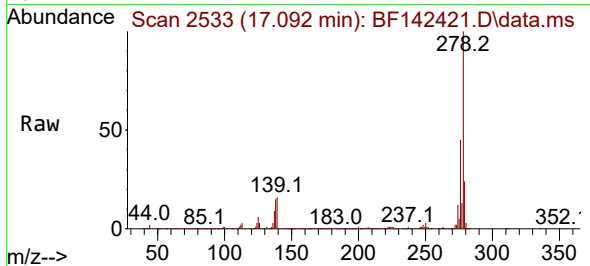
Tgt Ion:252 Resp: 864988
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.6
125 10.6 9.4 14.0





#91
Dibenzo(a,h)anthracene
Concen: 44.358 ng
RT: 17.092 min Scan# 2533
Delta R.T. 0.000 min
Lab File: BF142421.D
Acq: 16 May 2025 12:11

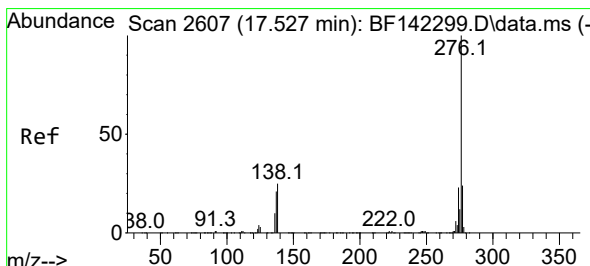
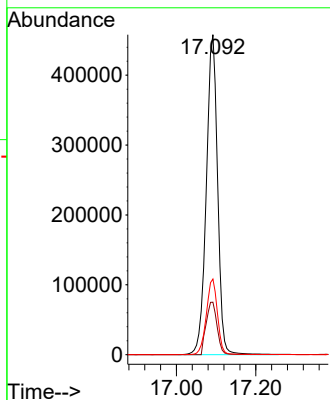
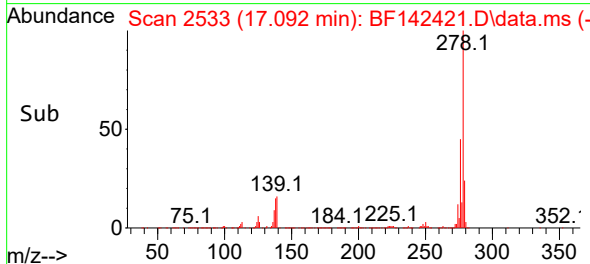
Instrument :
BNA_F
ClientSampleId :
PB167970BS



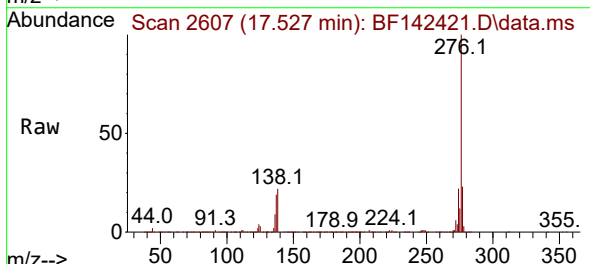
Tgt Ion:278 Resp: 90602
Ion Ratio Lower Upper
278 100
139 16.4 14.5 21.7
279 23.6 18.9 28.3

Manual Integrations
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Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025



#92
Benzo(g,h,i)perylene
Concen: 43.909 ng
RT: 17.527 min Scan# 2607
Delta R.T. 0.000 min
Lab File: BF142421.D
Acq: 16 May 2025 12:11



Tgt Ion:276 Resp: 890132
Ion Ratio Lower Upper
276 100
277 23.5 19.0 28.6
138 22.1 19.8 29.6

