

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051625\
 Data File : BF142418.D
 Acq On : 16 May 2025 10:43
 Operator : RC/JU
 Sample : PB168000BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168000BS

Manual Integrations
 APPROVED

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

Quant Time: May 16 12:00:42 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	174819	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	668409	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	358648	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	610277	20.000	ng	0.00
76) Chrysene-d12	14.068	240	344602	20.000	ng	0.00
86) Perylene-d12	15.562	264	361352	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1179558	115.182	ng	0.02
7) Phenol-d6	6.534	99	1435484	113.968	ng	0.01
23) Nitrobenzene-d5	7.469	82	885171	80.765	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	476281	137.547	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1806890	71.837	ng	0.00
79) Terphenyl-d14	13.015	244	1732629	74.418	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.787	88	140624	30.493	ng	99
3) Pyridine	3.534	79	399451	36.893	ng	98
4) n-Nitrosodimethylamine	3.493	42	230893	36.692	ng	97
6) Aniline	6.569	93	517267	41.869	ng	99
8) 2-Chlorophenol	6.686	128	460054	42.039	ng	99
9) Benzaldehyde	6.451	77	278725	37.810	ng	99
10) Phenol	6.545	94	562888	42.160	ng	93
11) bis(2-Chloroethyl)ether	6.639	93	429356	32.610	ng	98
12) 1,3-Dichlorobenzene	6.845	146	487594	38.946	ng	98
13) 1,4-Dichlorobenzene	6.922	146	494121	39.308	ng	99
14) 1,2-Dichlorobenzene	7.075	146	471116	39.045	ng	98
15) Benzyl Alcohol	7.045	79	370842	45.469	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	715071	36.369	ng	98
17) 2-Methylphenol	7.151	107	360224	40.658	ng	99
18) Hexachloroethane	7.416	117	172317	41.200	ng	99
19) n-Nitroso-di-n-propyla...	7.316	70	302296	38.800	ng	98
20) 3+4-Methylphenols	7.304	107	443224	40.084	ng	93
22) Acetophenone	7.310	105	586580	39.469	ng	94
24) Nitrobenzene	7.486	77	448256	43.389	ng	97
25) Isophorone	7.722	82	834329	40.201	ng	99
26) 2-Nitrophenol	7.798	139	247521	49.562	ng	99
27) 2,4-Dimethylphenol	7.833	122	435661	41.752	ng	99
28) bis(2-Chloroethoxy)met...	7.933	93	521019	39.042	ng	100
29) 2,4-Dichlorophenol	8.039	162	385692	43.477	ng	100
30) 1,2,4-Trichlorobenzene	8.128	180	412320	41.299	ng	99
31) Naphthalene	8.210	128	1297671	40.058	ng	100
32) Benzoic acid	7.951	122	308321m	53.324	ng	
33) 4-Chloroaniline	8.251	127	121269	9.174	ng	98
34) Hexachlorobutadiene	8.322	225	243783	41.236	ng	98
35) Caprolactam	8.622	113	121976m	47.178	ng	
36) 4-Chloro-3-methylphenol	8.733	107	390439	42.339	ng	99
37) 2-Methylnaphthalene	8.898	142	809310	40.205	ng	98
38) 1-Methylnaphthalene	8.998	142	835112	39.804	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	409760	40.908	ng	98
41) Hexachlorocyclopentadiene	9.051	237	562008	90.785	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	285809	45.236	ng	100

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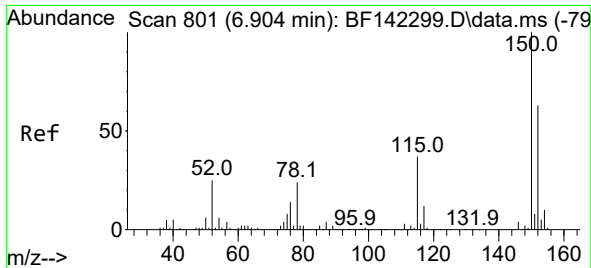
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	302375	44.979	ng	99
46) 1,1'-Biphenyl	9.363	154	1099242	39.974	ng	99
47) 2-Chloronaphthalene	9.386	162	817271	39.964	ng	99
48) 2-Nitroaniline	9.480	65	250800	47.846	ng	95
49) Acenaphthylene	9.804	152	1366081	39.931	ng	99
50) Dimethylphthalate	9.663	163	954219	41.434	ng	100
51) 2,6-Dinitrotoluene	9.722	165	212630	49.325	ng	92
52) Acenaphthene	9.975	154	925389	44.987	ng	99
53) 3-Nitroaniline	9.892	138	129278	25.571	ng	92
54) 2,4-Dinitrophenol	9.998	184	260837	112.243	ng	# 1
55) Dibenzofuran	10.151	168	1203834	39.654	ng	100
56) 4-Nitrophenol	10.051	139	379108	99.633	ng	97
57) 2,4-Dinitrotoluene	10.127	165	289718	52.395	ng	96
58) Fluorene	10.492	166	923244	39.850	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	254716	45.898	ng	99
60) Diethylphthalate	10.363	149	928901	40.389	ng	99
61) 4-Chlorophenyl-phenyle...	10.480	204	447520	40.037	ng	98
62) 4-Nitroaniline	10.510	138	221459	55.268	ng	99
63) Azobenzene	10.645	77	848301	38.599	ng	98
65) 4,6-Dinitro-2-methylph...	10.533	198	158107	54.443	ng	96
66) n-Nitrosodiphenylamine	10.604	169	819284	40.344	ng	100
67) 4-Bromophenyl-phenylether	10.974	248	286907	41.482	ng	97
68) Hexachlorobenzene	11.039	284	324064	42.595	ng	96
69) Atrazine	11.127	200	247665	46.265	ng	100
70) Pentachlorophenol	11.233	266	389996	97.442	ng	98
71) Phenanthrene	11.457	178	1287589	40.251	ng	100
72) Anthracene	11.510	178	1313620	39.965	ng	100
73) Carbazole	11.657	167	1215031	41.203	ng	100
74) Di-n-butylphthalate	11.986	149	1351382	43.581	ng	100
75) Fluoranthene	12.645	202	1281209	40.066	ng	99
77) Benzidine	12.763	184	463926	74.081	ng	97
78) Pyrene	12.874	202	1267609	41.327	ng	100
80) Butylbenzylphthalate	13.486	149	399980	44.936	ng	99
81) Benzo(a)anthracene	14.057	228	960705	43.048	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	181087	34.893	ng	99
83) Chrysene	14.098	228	822280	39.580	ng	100
84) Bis(2-ethylhexyl)phtha...	14.045	149	505347	43.761	ng	100
85) Di-n-octyl phthalate	14.662	149	936824	45.133	ng	97
87) Indeno(1,2,3-cd)pyrene	17.074	276	1056699	42.038	ng	98
88) Benzo(b)fluoranthene	15.121	252	943574	43.114	ng	99
89) Benzo(k)fluoranthene	15.151	252	757229	37.808	ng	99
90) Benzo(a)pyrene	15.498	252	838232	42.741	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	861169	41.468	ng	98
92) Benzo(g,h,i)perylene	17.527	276	849011	41.192	ng	98

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



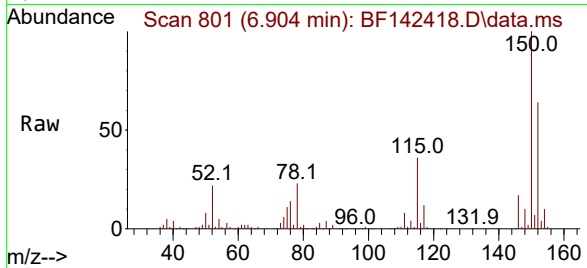
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 801
 Delta R.T. 0.000 min
 Lab File: BF142418.D
 Acq: 16 May 2025 10:43

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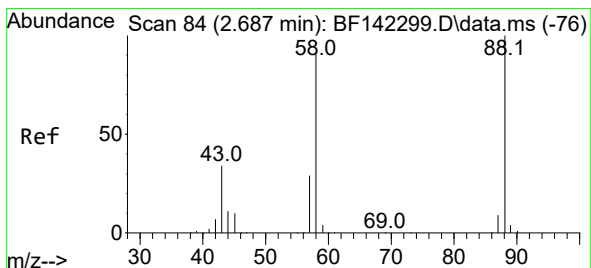
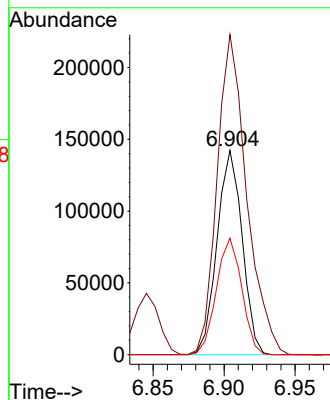
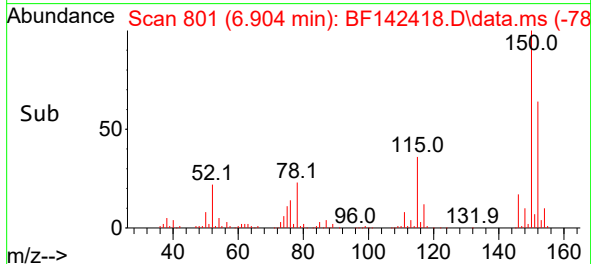
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 Ion Ratio Lower Upper
 152 100
 150 156.7 126.6 190.0
 115 57.0 47.3 70.9

Manual Integrations

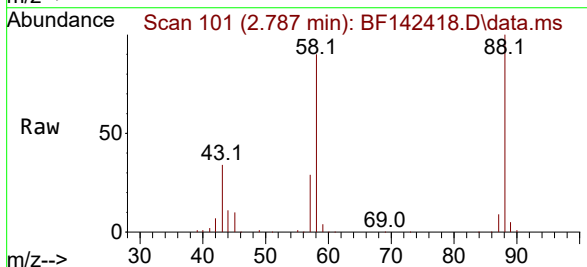
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Reviewed By :Rahul Chavli 05/19/2025

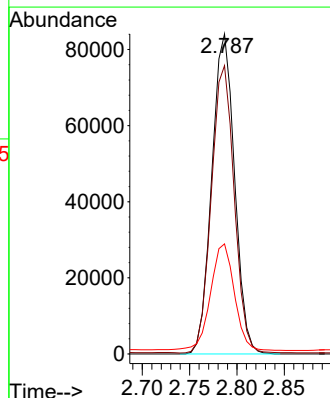
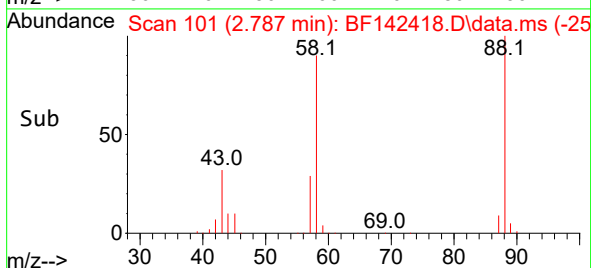
Supervised By :Jagrut Upadhyay 05/19/2025

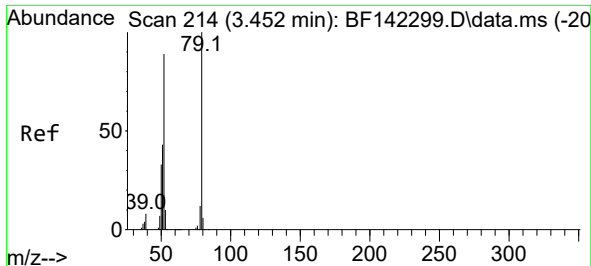


#2
 1,4-Dioxane
 Concen: 30.493 ng
 RT: 2.787 min Scan# 101
 Delta R.T. 0.100 min
 Lab File: BF142418.D
 Acq: 16 May 2025 10:43



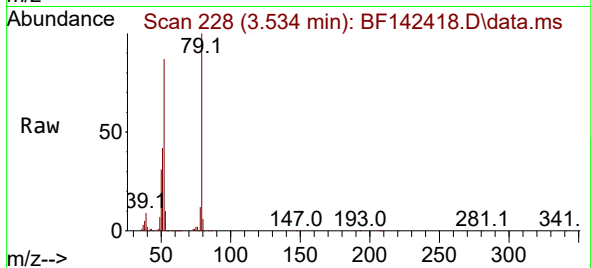
Tgt Ion: 88 Resp: 140624
 Ion Ratio Lower Upper
 88 100
 58 89.9 73.0 109.4
 43 34.9 27.8 41.6





#3
Pyridine
Concen: 36.893 ng
RT: 3.534 min Scan# 214
Delta R.T. 0.082 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

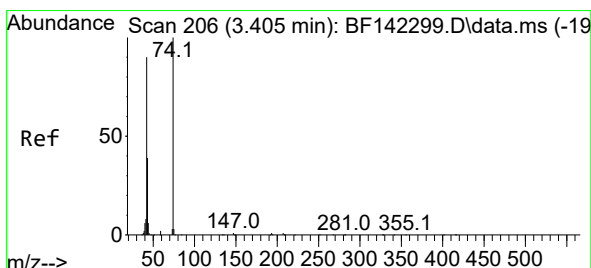
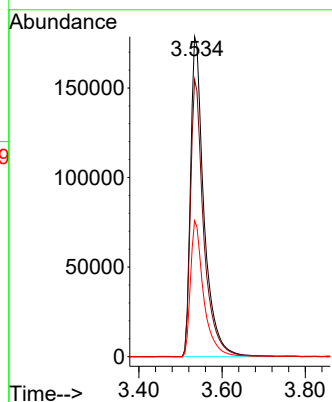
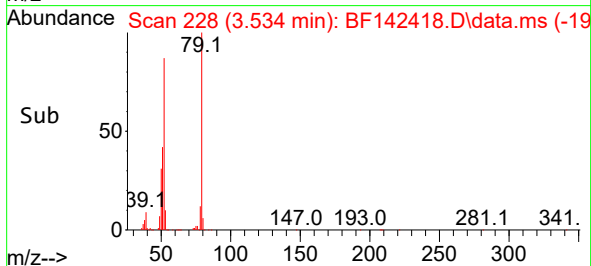
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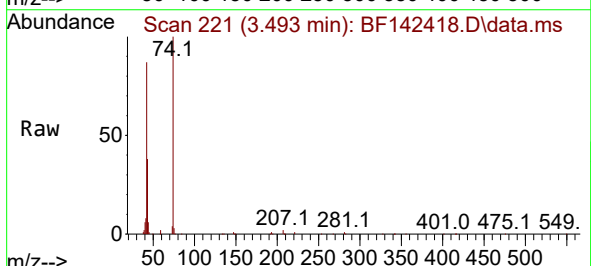
Tgt Ion: 79 Resp: 39945
Ion Ratio Lower Upper
79 100
52 86.6 71.0 106.4
51 42.5 34.9 52.3

Manual Integrations
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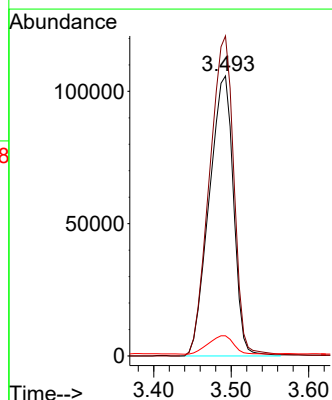
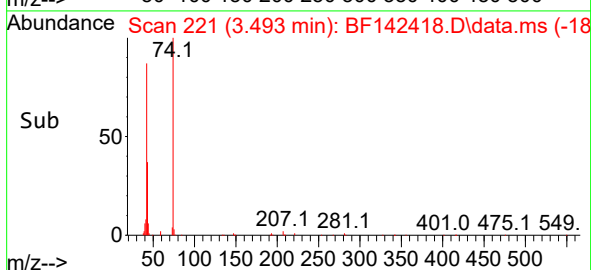
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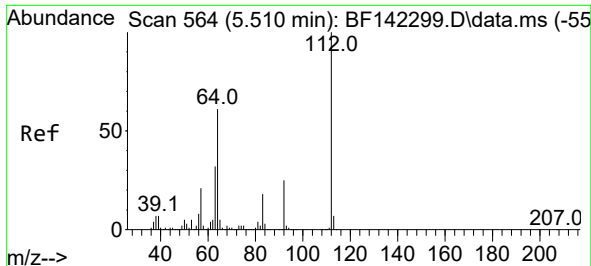


#4
n-Nitrosodimethylamine
Concen: 36.692 ng
RT: 3.493 min Scan# 221
Delta R.T. 0.088 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43



Tgt Ion: 42 Resp: 230893
Ion Ratio Lower Upper
42 100
74 114.3 88.5 132.7
44 7.2 5.8 8.8





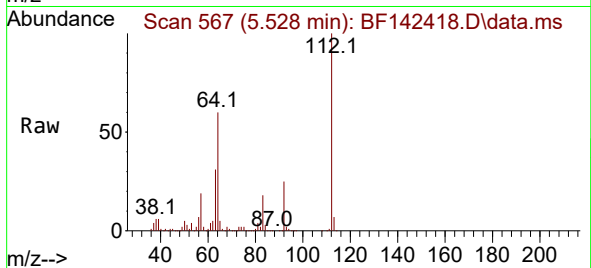
#5
2-Fluorophenol
Concen: 115.182 ng
RT: 5.528 min Scan# 50
Delta R.T. 0.017 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

Instrument :

BNA_F

ClientSampleId :

PB168000BS



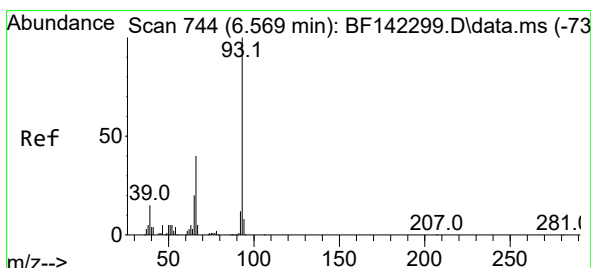
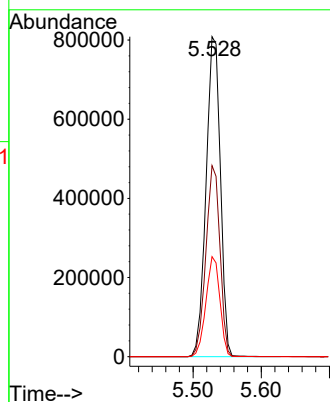
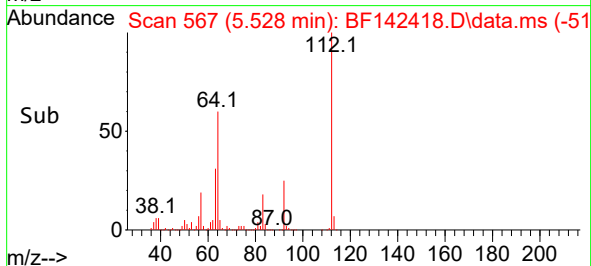
Tgt Ion:112 Resp: 1179558
Ion Ratio Lower Upper
112 100
64 59.7 48.9 73.3
63 31.2 25.6 38.4

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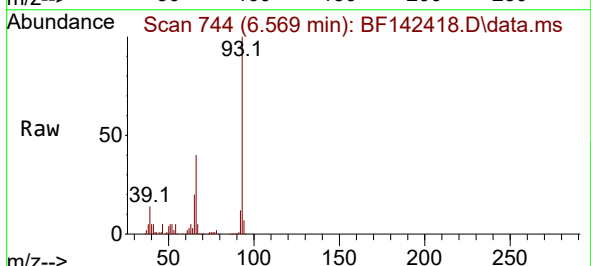
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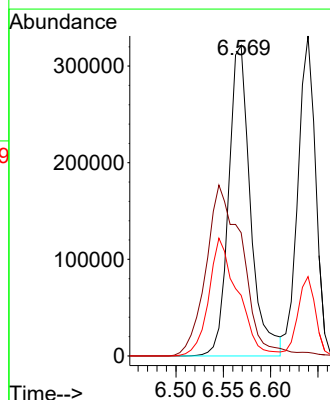
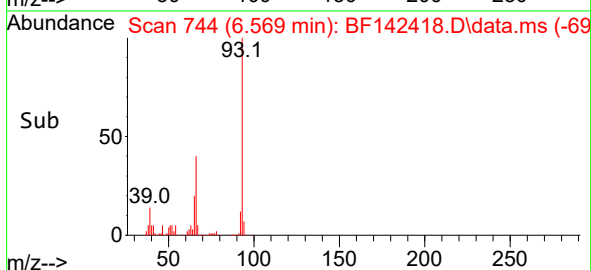
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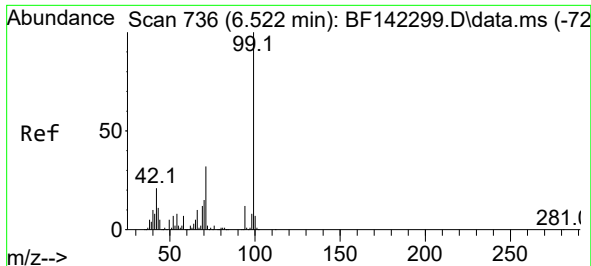


#6
Aniline
Concen: 41.869 ng
RT: 6.569 min Scan# 744
Delta R.T. -0.000 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43



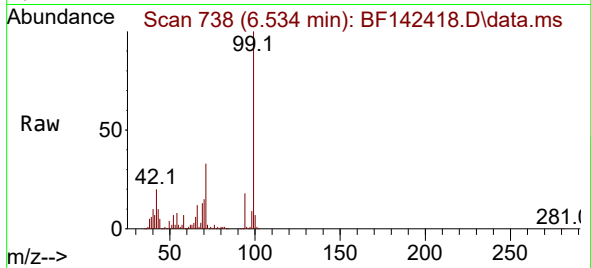
Tgt Ion: 93 Resp: 517267
Ion Ratio Lower Upper
93 100
66 39.7 32.2 48.4
65 19.5 16.3 24.5





#7
Phenol-d6
Concen: 113.968 ng
RT: 6.534 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

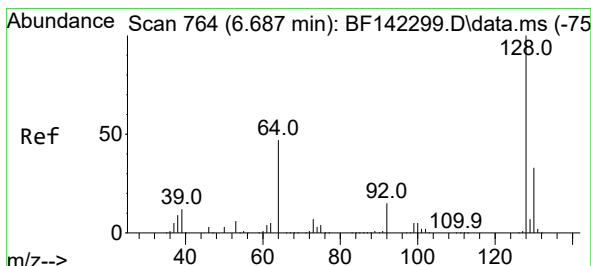
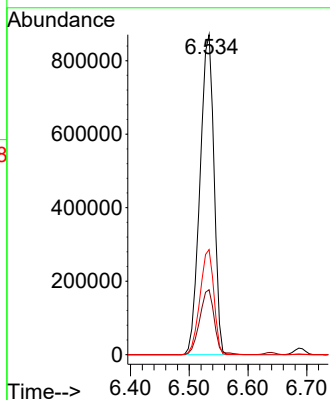
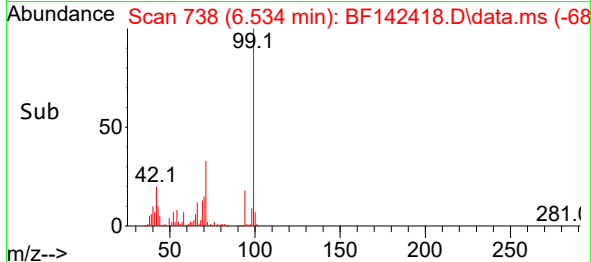
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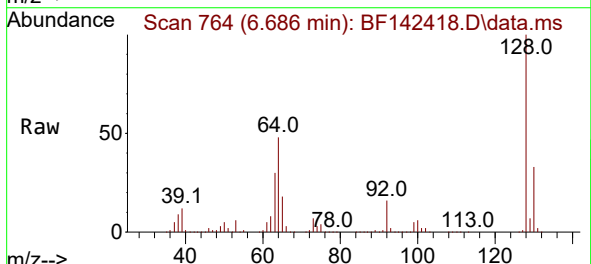
Tgt Ion: 99 Resp: 1435484
Ion Ratio Lower Upper
99 100
42 20.3 17.0 25.4
71 32.9 25.8 38.8

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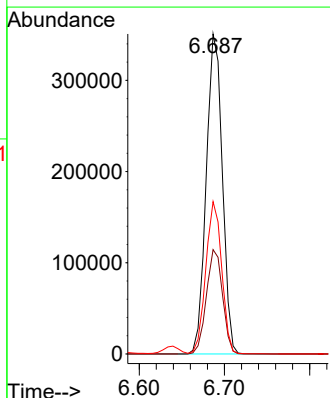
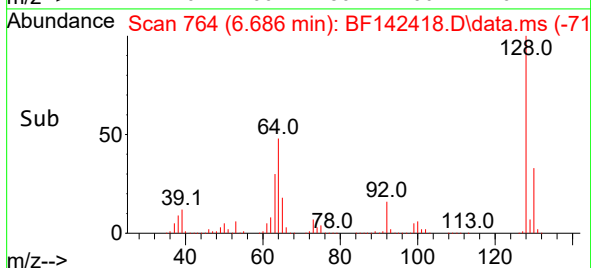
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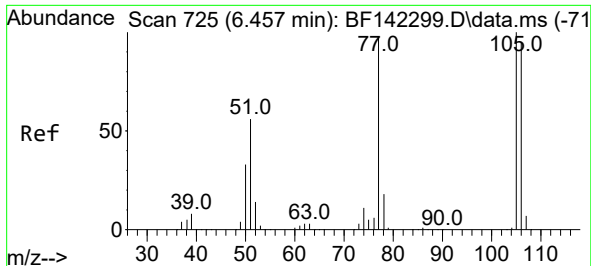


#8
2-Chlorophenol
Concen: 42.039 ng
RT: 6.686 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF142418.D
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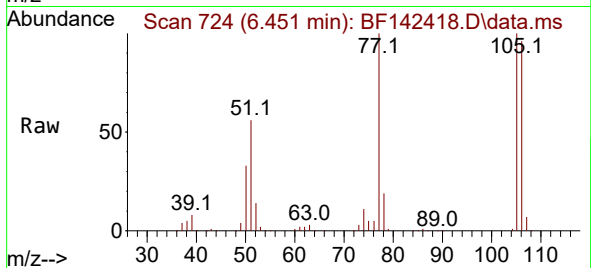
Tgt Ion:128 Resp: 460054
Ion Ratio Lower Upper
128 100
130 32.6 12.7 52.7
64 47.6 29.2 69.2





#9
Benzaldehyde
Concen: 37.810 ng
RT: 6.451 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

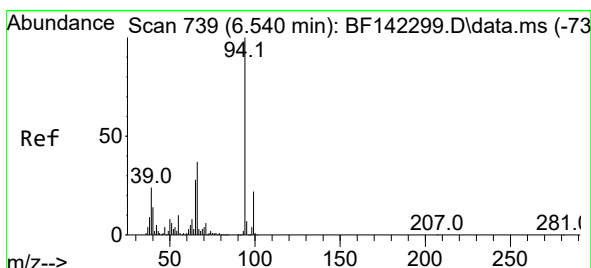
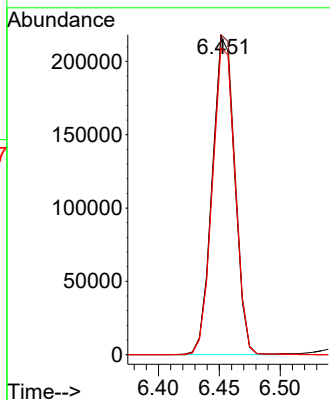
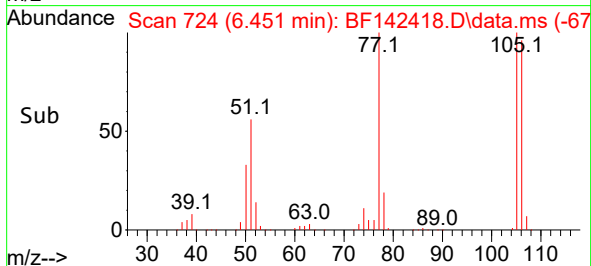
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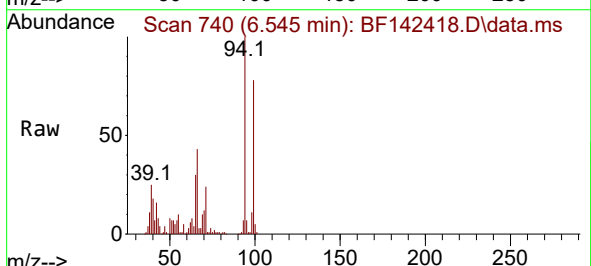
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Ion Ratio Lower Upper
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105 100.5 82.0 122.0
106 96.3 77.2 117.2

Manual Integrations
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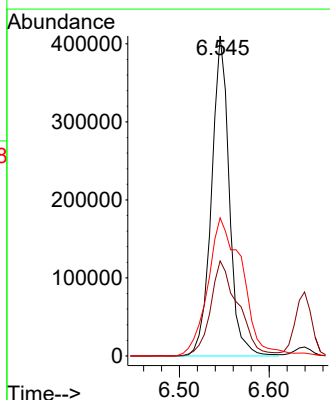
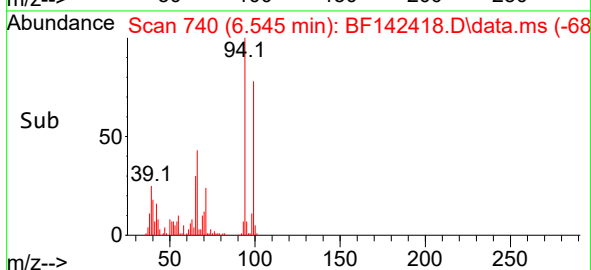
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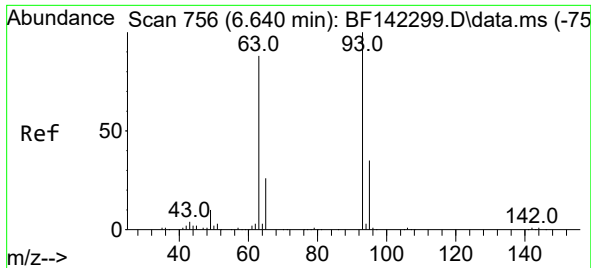


#10
Phenol
Concen: 42.160 ng
RT: 6.545 min Scan# 740
Delta R.T. 0.006 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43



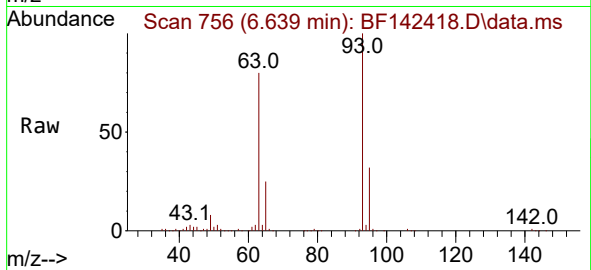
Tgt Ion: 94 Resp: 562888
Ion Ratio Lower Upper
94 100
65 29.7 8.5 48.5
66 43.1 17.3 57.3





#11
bis(2-Chloroethyl)ether
Concen: 32.610 ng
RT: 6.639 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

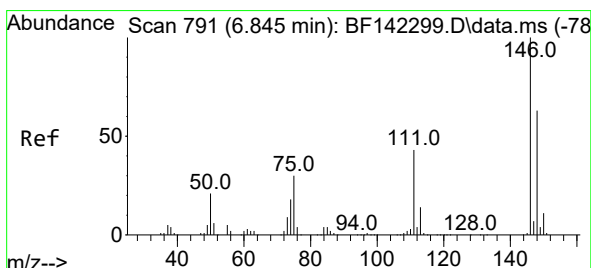
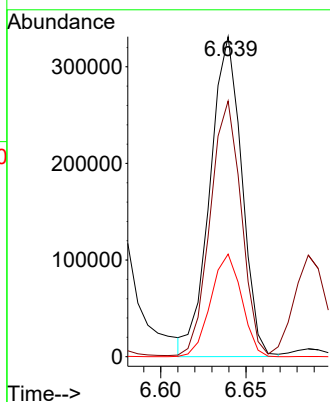
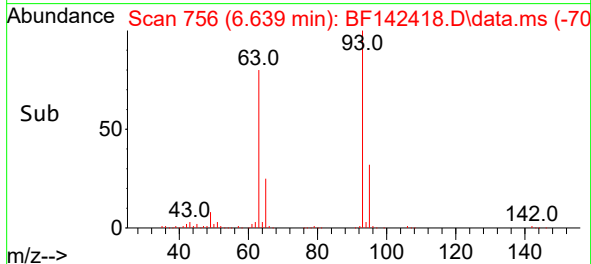
Instrument :
BNA_F
ClientSampleId :
PB168000BS



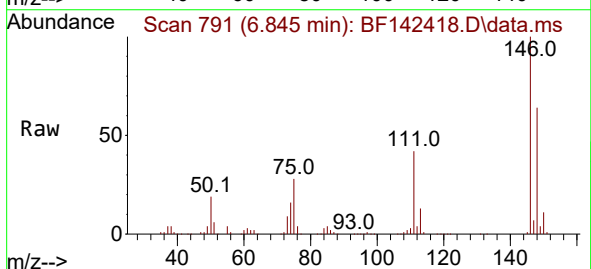
Tgt Ion: 93 Resp: 429350
Ion Ratio Lower Upper
93 100
63 79.9 58.4 98.4
95 32.0 10.6 50.6

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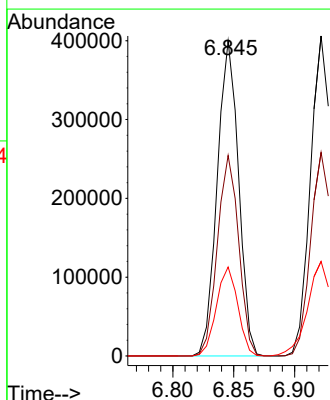
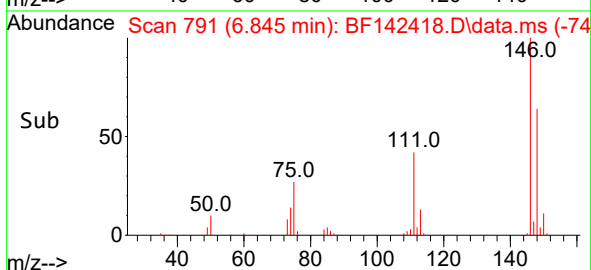
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

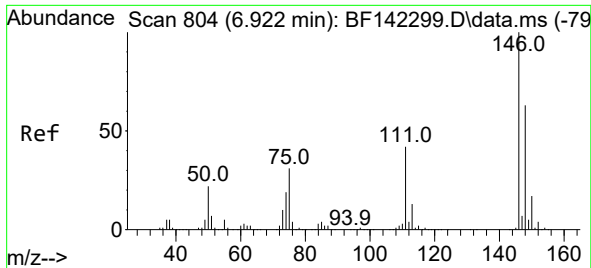


#12
1,3-Dichlorobenzene
Concen: 38.946 ng
RT: 6.845 min Scan# 791
Delta R.T. -0.000 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43



Tgt Ion:146 Resp: 487594
Ion Ratio Lower Upper
146 100
148 63.6 50.6 76.0
75 28.2 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 39.308 ng

RT: 6.922 min Scan# 804

Delta R.T. -0.000 min

Lab File: BF142418.D

Acq: 16 May 2025 10:43

Instrument :

BNA_F

ClientSampleId :

PB168000BS

Tgt Ion:146 Resp: 49412

Ion Ratio Lower Upper

146 100

148 63.6 50.5 75.7

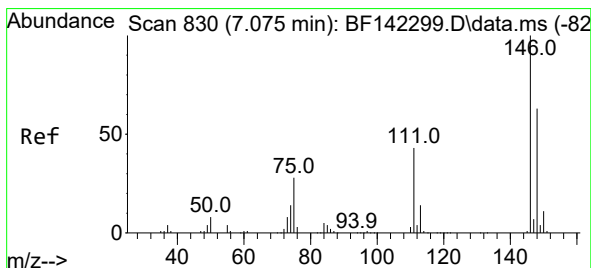
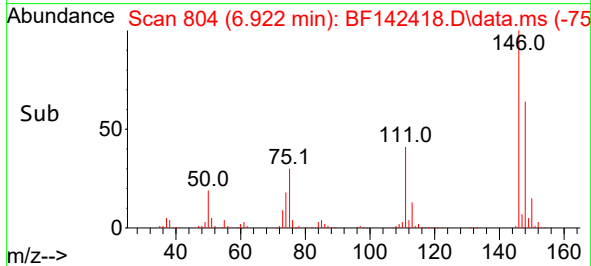
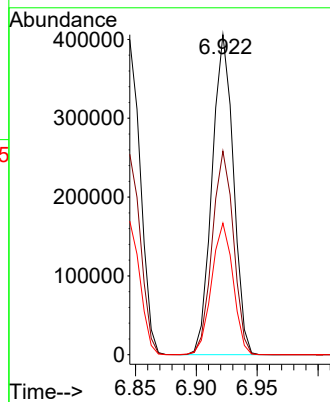
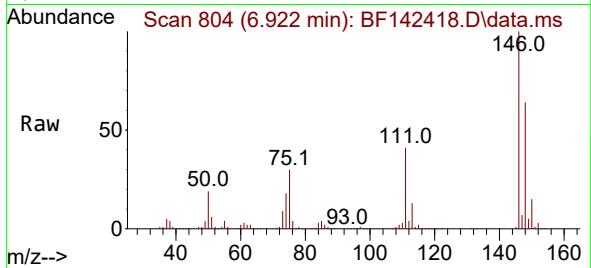
111 41.1 33.4 50.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/19/2025

Supervised By :Jagrut Upadhyay 05/19/2025



#14

1,2-Dichlorobenzene

Concen: 39.045 ng

RT: 7.075 min Scan# 830

Delta R.T. -0.000 min

Lab File: BF142418.D

Acq: 16 May 2025 10:43

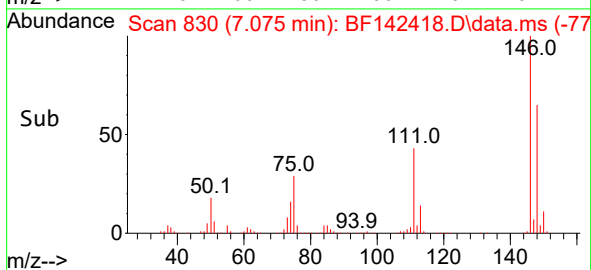
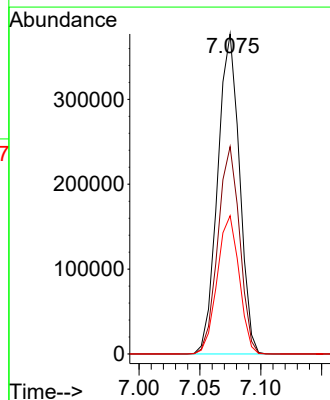
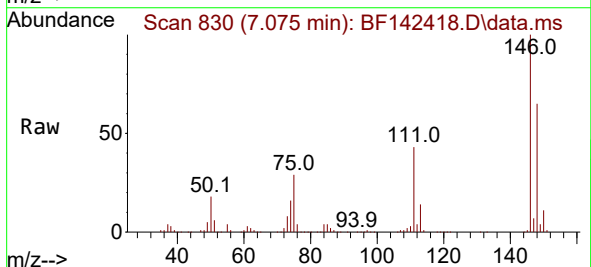
Tgt Ion:146 Resp: 471116

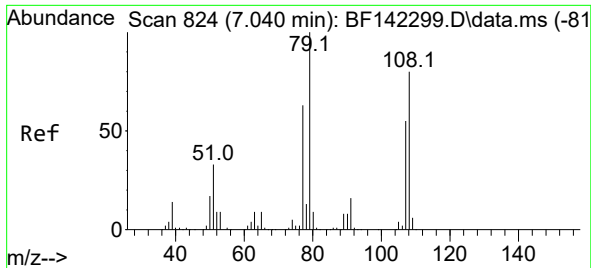
Ion Ratio Lower Upper

146 100

148 64.8 50.3 75.5

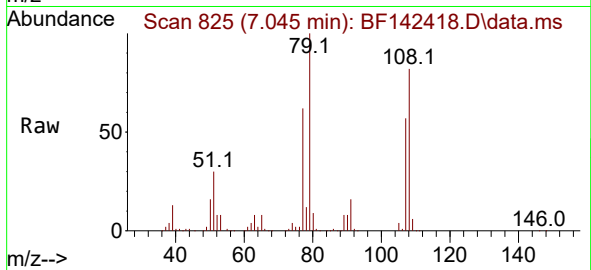
111 43.2 34.5 51.7





#15
Benzyl Alcohol
Concen: 45.469 ng
RT: 7.045 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

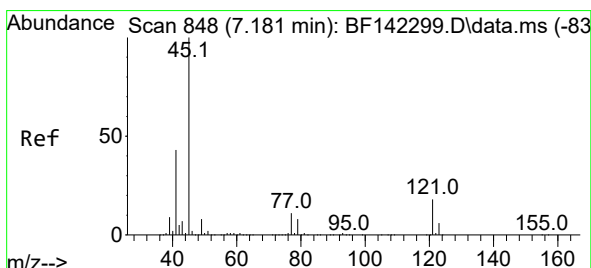
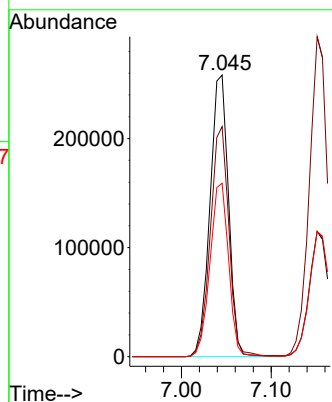
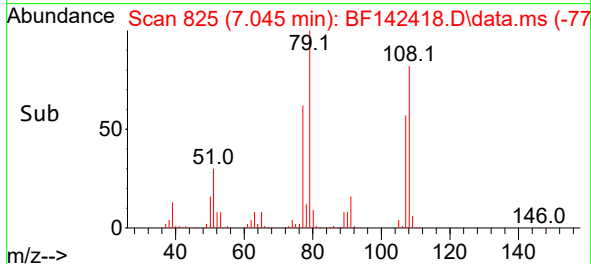
Instrument :
BNA_F
ClientSampleId :
PB168000BS



Tgt Ion: 79 Resp: 37084
Ion Ratio Lower Upper
79 100
108 81.7 63.9 95.9
77 61.6 50.7 76.1

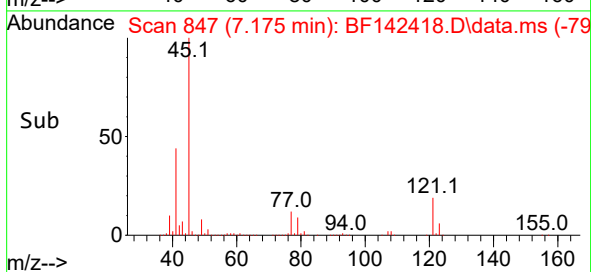
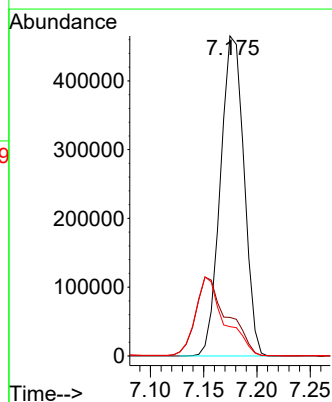
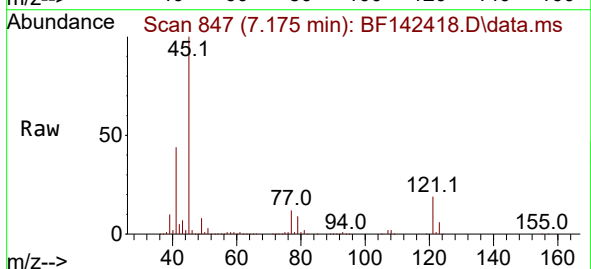
Manual Integrations
APPROVED

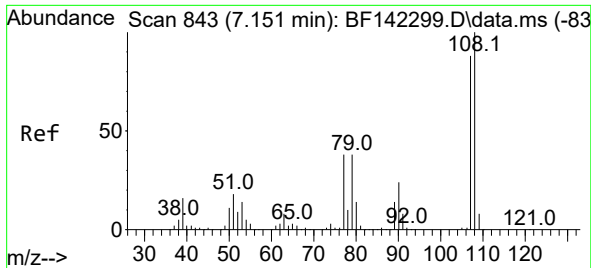
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.369 ng
RT: 7.175 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

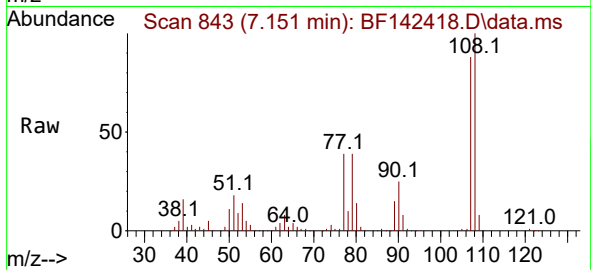
Tgt Ion: 45 Resp: 715071
Ion Ratio Lower Upper
45 100
77 12.0 0.0 31.2
79 9.1 0.0 28.5





#17
2-Methylphenol
Concen: 40.658 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

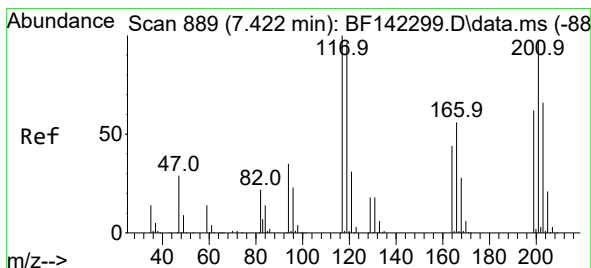
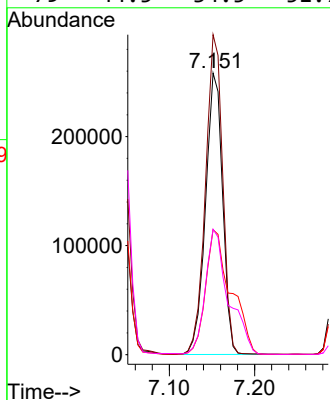
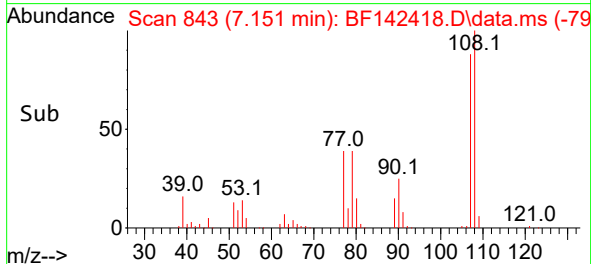
Instrument :
BNA_F
ClientSampleId :
PB168000BS



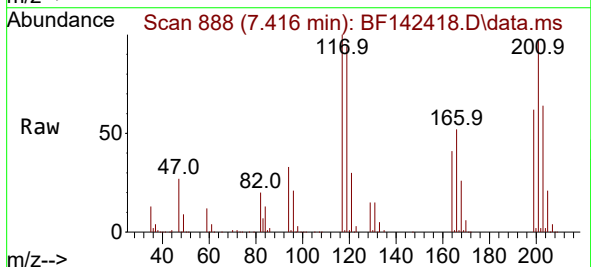
Tgt Ion:107 Resp: 360224
Ion Ratio Lower Upper
107 100
108 113.6 91.1 136.7
77 44.4 34.7 52.1
79 44.5 34.5 51.7

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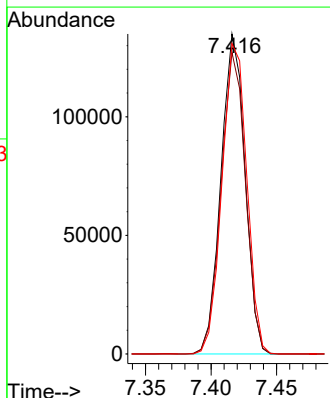
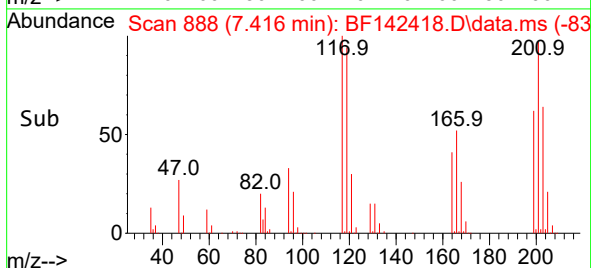
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

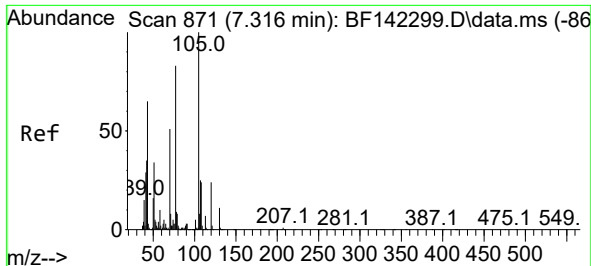


#18
Hexachloroethane
Concen: 41.200 ng
RT: 7.416 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43



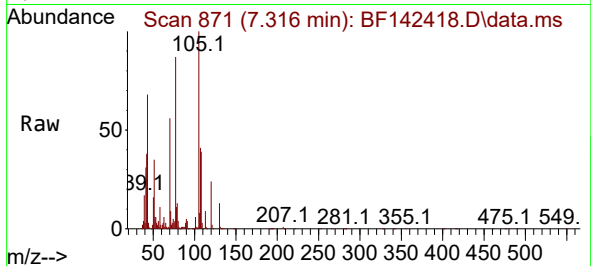
Tgt Ion:117 Resp: 172317
Ion Ratio Lower Upper
117 100
119 94.2 76.9 115.3
201 97.0 78.0 117.0





#19
n-Nitroso-di-n-propylamine
Concen: 38.800 ng
RT: 7.316 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

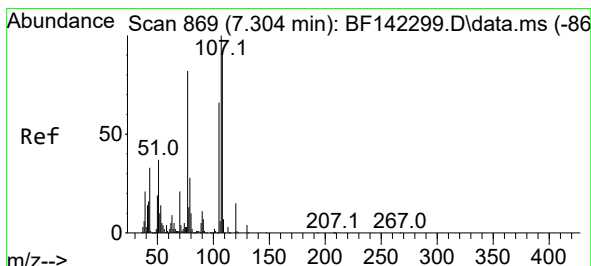
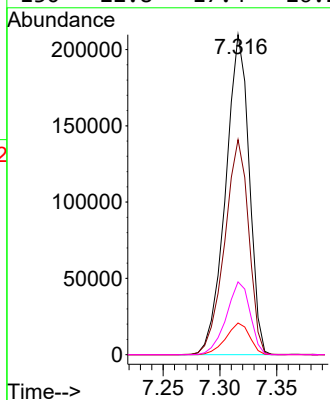
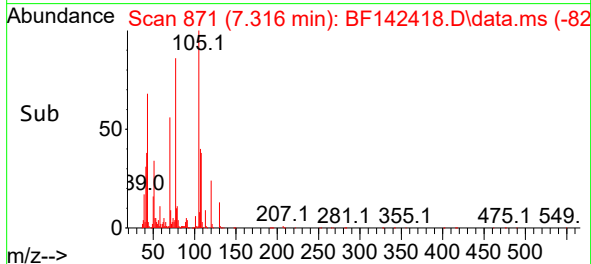
Instrument :
BNA_F
ClientSampleId :
PB168000BS



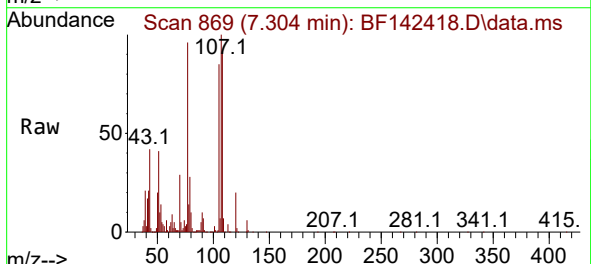
Tgt Ion: 70 Resp: 302290
Ion Ratio Lower Upper
70 100
42 67.2 54.8 82.2
101 9.9 7.7 11.5
130 22.8 17.4 26.2

Manual Integrations
APPROVED

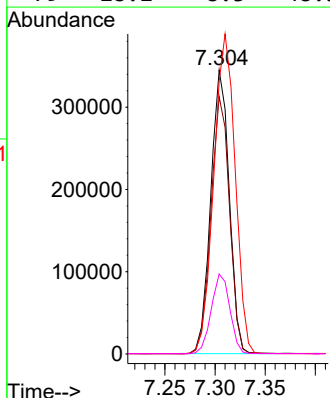
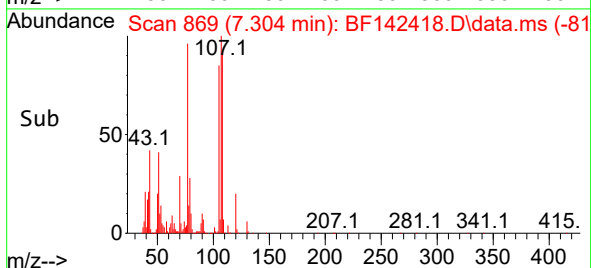
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

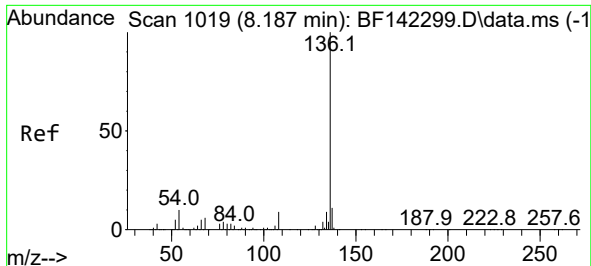


#20
3+4-Methylphenols
Concen: 40.084 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43



Tgt Ion:107 Resp: 443224
Ion Ratio Lower Upper
107 100
108 90.6 71.5 111.5
77 96.0 61.6 101.6
79 28.2 8.3 48.3





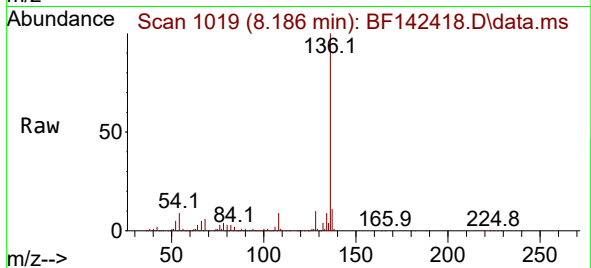
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

Instrument :

BNA_F

ClientSampleId :

PB168000BS



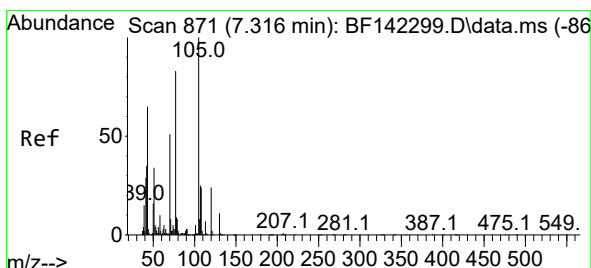
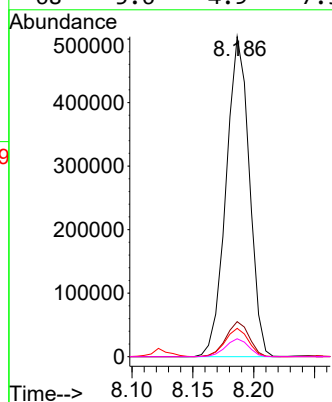
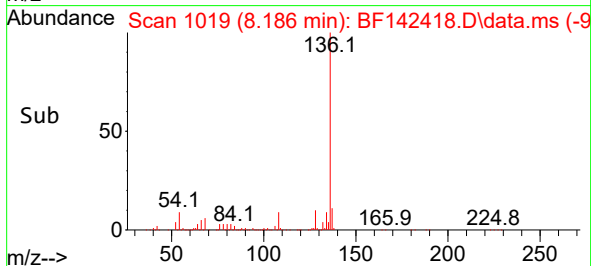
Tgt Ion:136 Resp: 668409
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 8.8 7.7 11.5
68 5.6 4.9 7.3

Manual Integrations

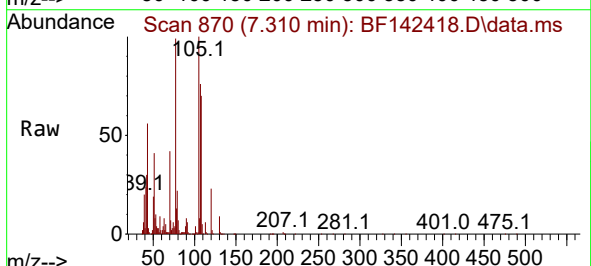
APPROVED

Reviewed By :Rahul Chavli 05/19/2025

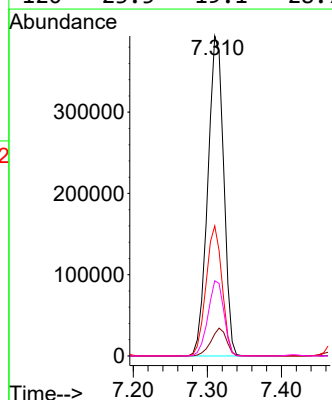
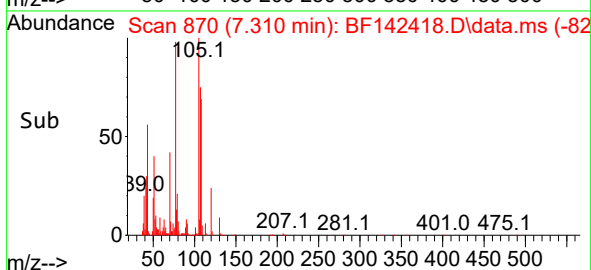
Supervised By :Jagrut Upadhyay 05/19/2025

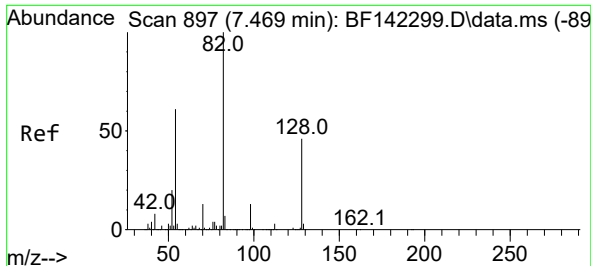


#22
Acetophenone
Concen: 39.469 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43



Tgt Ion:105 Resp: 586580
Ion Ratio Lower Upper
105 100
71 6.9 6.7 10.1
51 40.7 27.6 41.4
120 23.5 19.1 28.7





#23

Nitrobenzene-d5

Concen: 80.765 ng

RT: 7.469 min Scan# 897

Delta R.T. -0.000 min

Lab File: BF142418.D

Acq: 16 May 2025 10:43

Instrument :

BNA_F

ClientSampleId :

PB168000BS

Tgt Ion: 82 Resp: 88517

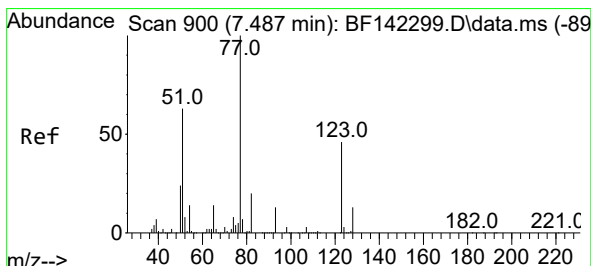
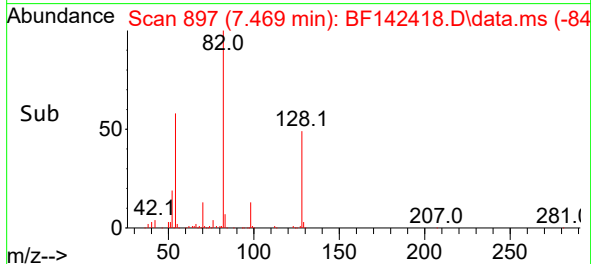
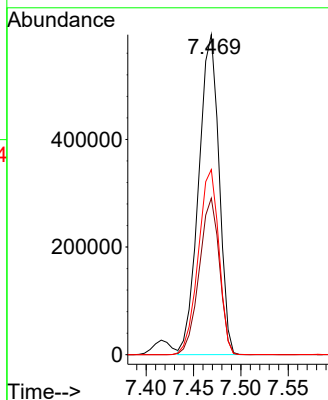
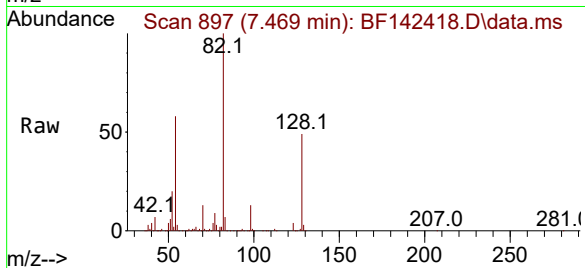
Ion	Ratio	Lower	Upper
82	100		
128	48.9	37.0	55.6
54	57.9	48.6	73.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/19/2025

Supervised By :Jagrut Upadhyay 05/19/2025



#24

Nitrobenzene

Concen: 43.389 ng

RT: 7.486 min Scan# 900

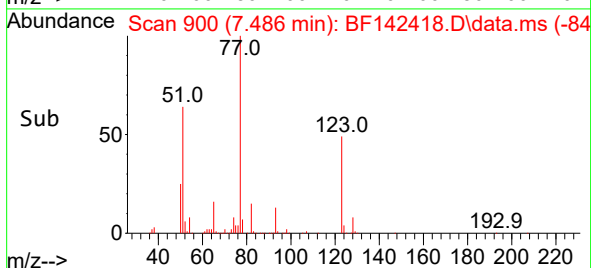
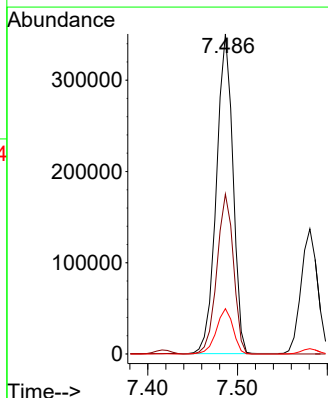
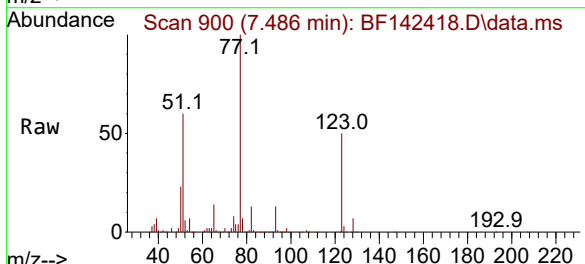
Delta R.T. -0.000 min

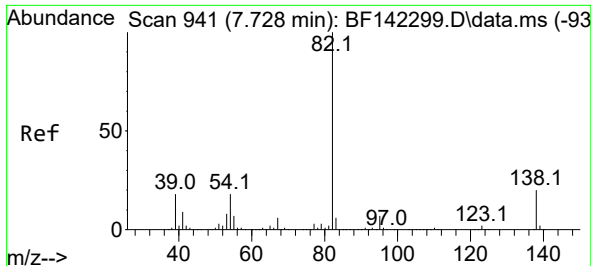
Lab File: BF142418.D

Acq: 16 May 2025 10:43

Tgt Ion: 77 Resp: 448256

Ion	Ratio	Lower	Upper
77	100		
123	50.0	37.8	56.8
65	14.1	11.4	17.0





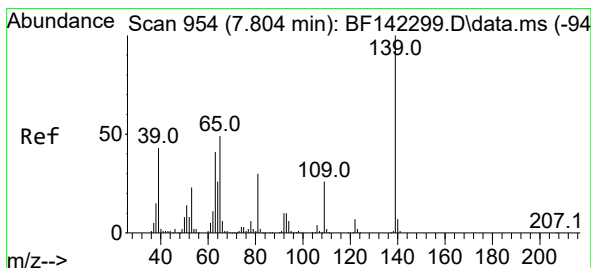
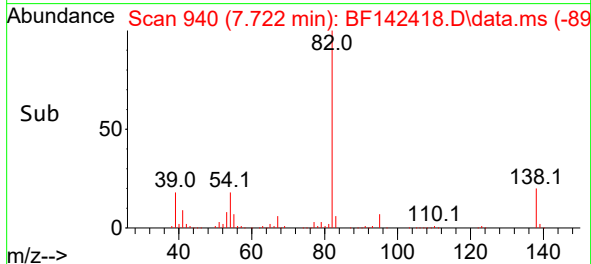
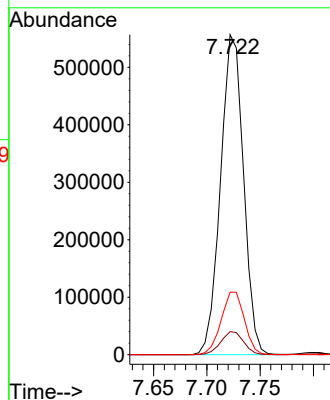
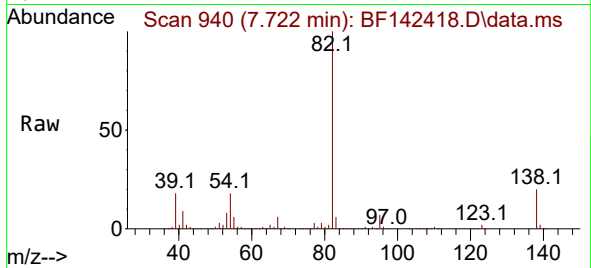
#25
Isophorone
Concen: 40.201 ng
RT: 7.722 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

Instrument :
BNA_F
ClientSampleId :
PB168000BS

Tgt Ion: 82 Resp: 834329
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.8
138 19.5 16.1 24.1

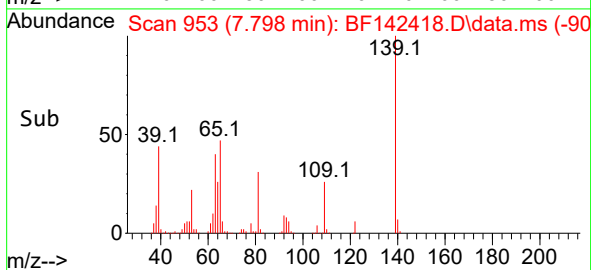
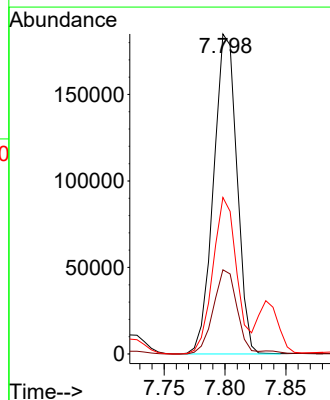
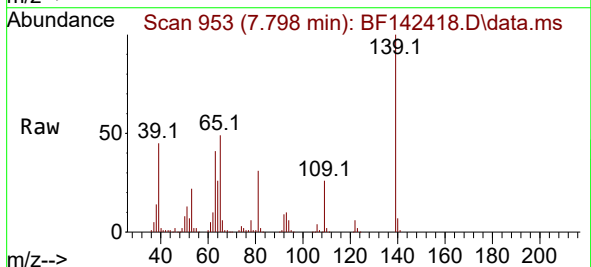
Manual Integrations
APPROVED

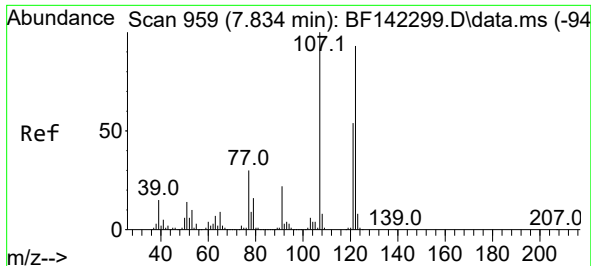
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025



#26
2-Nitrophenol
Concen: 49.562 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

Tgt Ion:139 Resp: 247521
Ion Ratio Lower Upper
139 100
109 26.3 20.8 31.2
65 48.9 38.9 58.3





#27

2,4-Dimethylphenol

Concen: 41.752 ng

RT: 7.833 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF142418.D

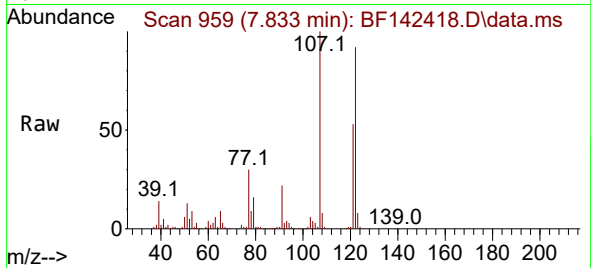
Acq: 16 May 2025 10:43

Instrument :

BNA_F

ClientSampleId :

PB168000BS



Tgt Ion:122 Resp: 43566

Ion Ratio Lower Upper

122 100

107 108.5 86.0 129.0

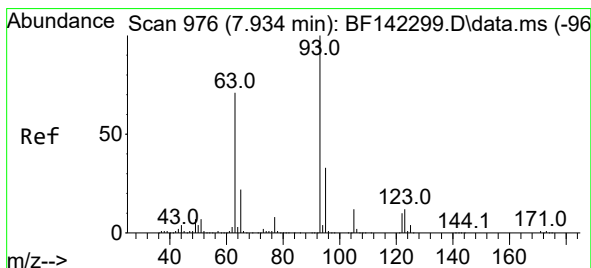
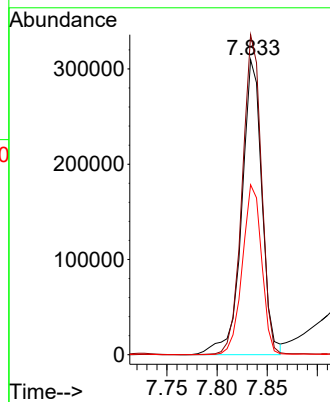
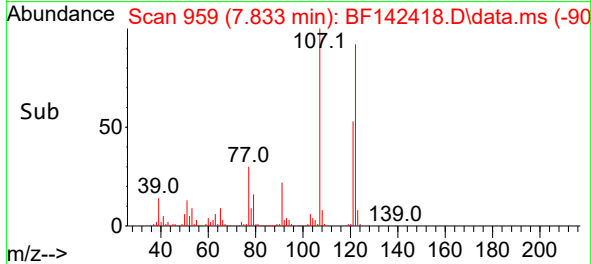
121 57.6 46.2 69.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/19/2025

Supervised By :Jagrut Upadhyay 05/19/2025



#28

bis(2-Chloroethoxy)methane

Concen: 39.042 ng

RT: 7.933 min Scan# 976

Delta R.T. -0.000 min

Lab File: BF142418.D

Acq: 16 May 2025 10:43

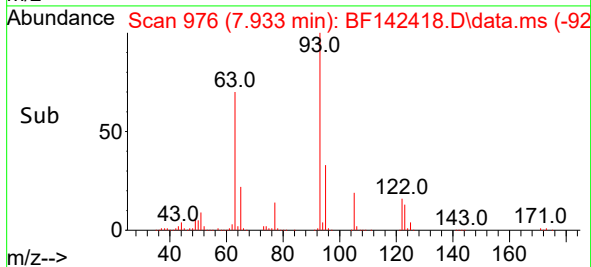
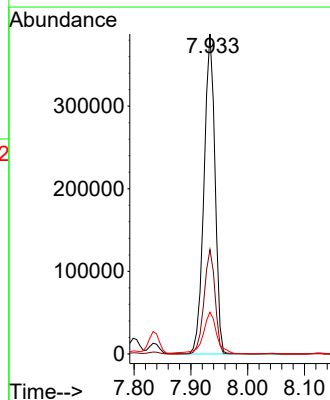
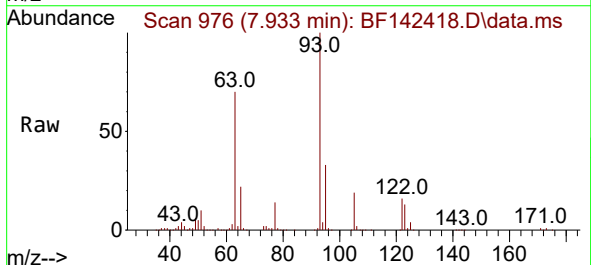
Tgt Ion: 93 Resp: 521019

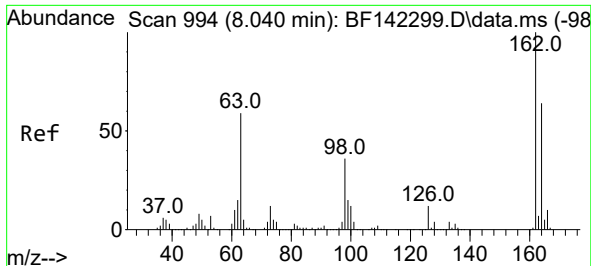
Ion Ratio Lower Upper

93 100

95 32.6 26.1 39.1

123 13.1 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 43.477 ng

RT: 8.039 min Scan# 994

Delta R.T. -0.000 min

Lab File: BF142418.D

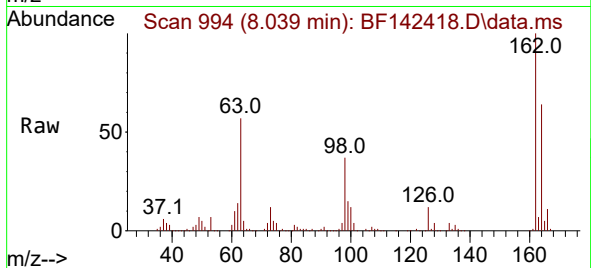
Acq: 16 May 2025 10:43

Instrument :

BNA_F

ClientSampleId :

PB168000BS



Tgt Ion:162 Resp: 385692

Ion Ratio Lower Upper

162 100

164 64.0 43.6 83.6

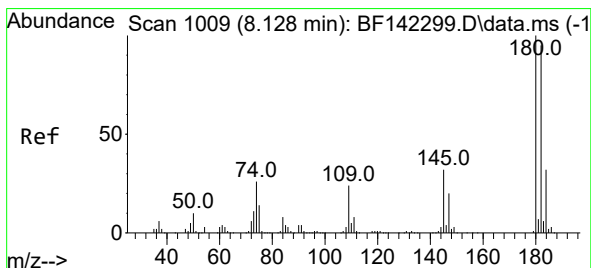
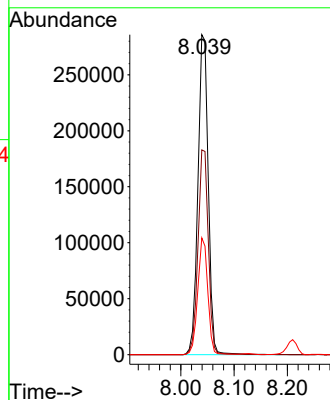
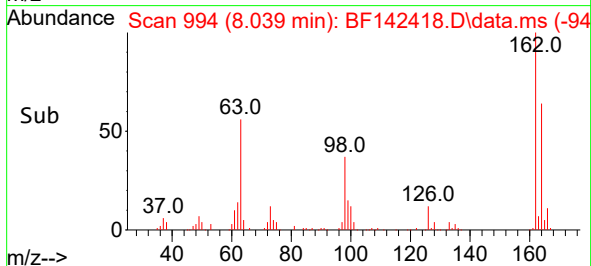
98 36.5 16.5 56.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/19/2025

Supervised By :Jagrut Upadhyay 05/19/2025



#30

1,2,4-Trichlorobenzene

Concen: 41.299 ng

RT: 8.128 min Scan# 1009

Delta R.T. -0.000 min

Lab File: BF142418.D

Acq: 16 May 2025 10:43

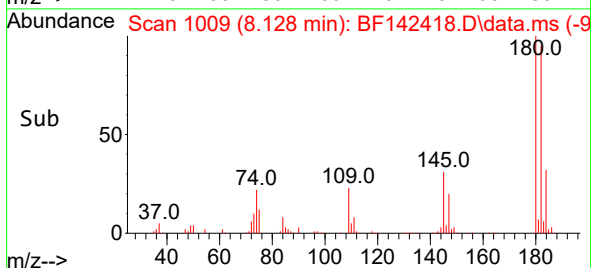
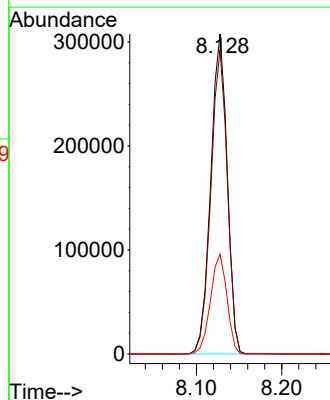
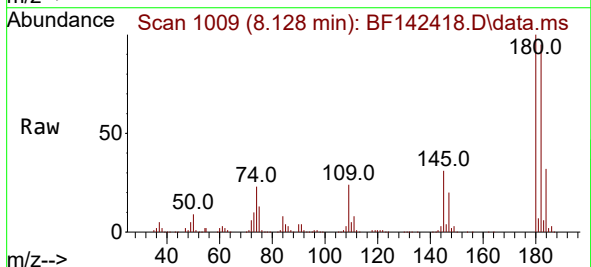
Tgt Ion:180 Resp: 412320

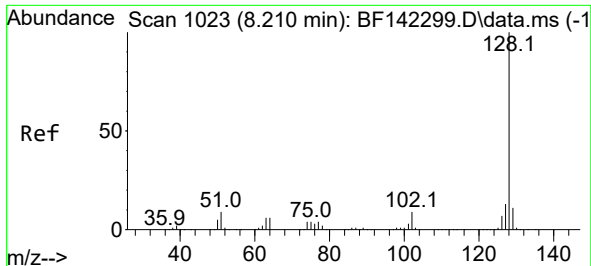
Ion Ratio Lower Upper

180 100

182 94.9 76.2 114.4

145 31.2 25.8 38.6





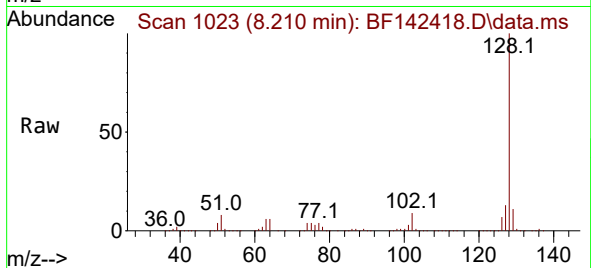
#31
Naphthalene
Concen: 40.058 ng
RT: 8.210 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

Instrument :

BNA_F

ClientSampleId :

PB168000BS



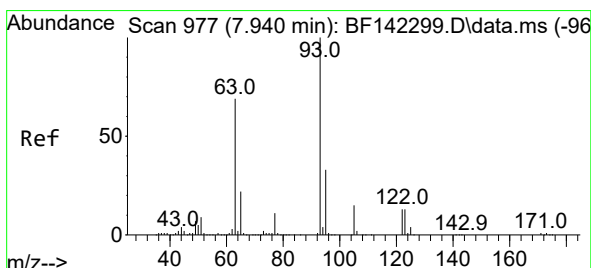
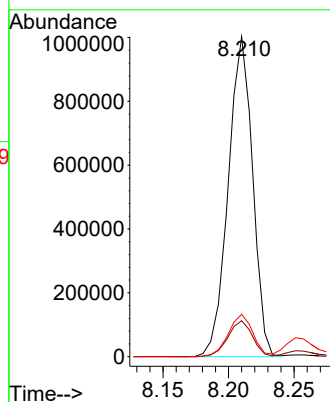
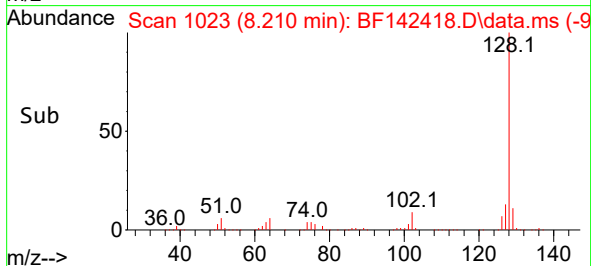
Tgt Ion:128 Resp: 129767
Ion Ratio Lower Upper
128 100
129 11.3 9.1 13.7
127 13.3 10.5 15.7

Manual Integrations

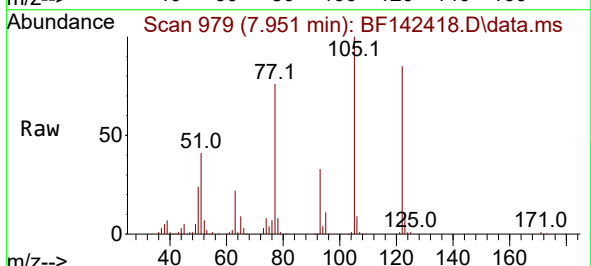
APPROVED

Reviewed By :Rahul Chavli 05/19/2025

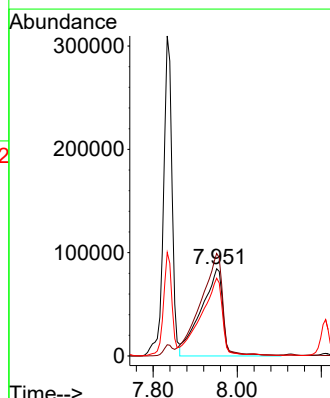
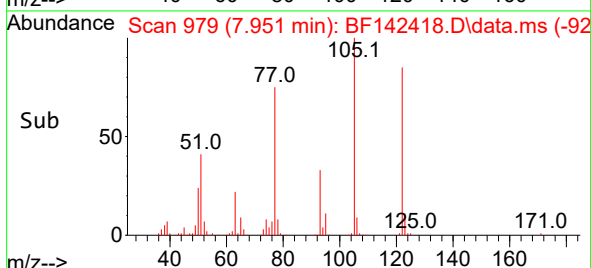
Supervised By :Jagrut Upadhyay 05/19/2025

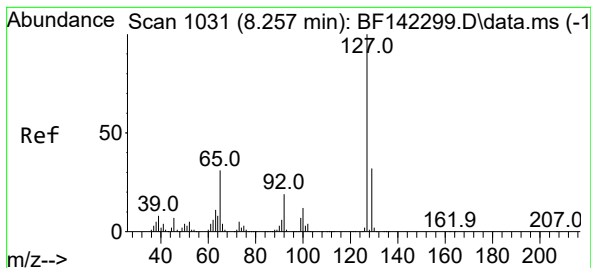


#32
Benzoic acid
Concen: 53.324 ng m
RT: 7.951 min Scan# 979
Delta R.T. 0.011 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43



Tgt Ion:122 Resp: 308321
Ion Ratio Lower Upper
122 100
105 117.7 97.9 137.9
77 89.2 67.7 107.7





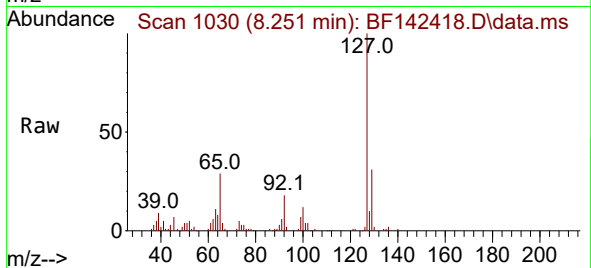
#33
4-Chloroaniline
Concen: 9.174 ng
RT: 8.251 min Scan# 1030
Delta R.T. -0.016 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

Instrument :

BNA_F

ClientSampleId :

PB168000BS



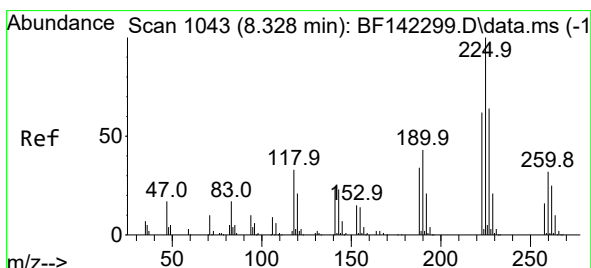
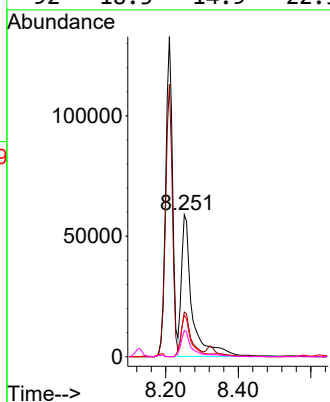
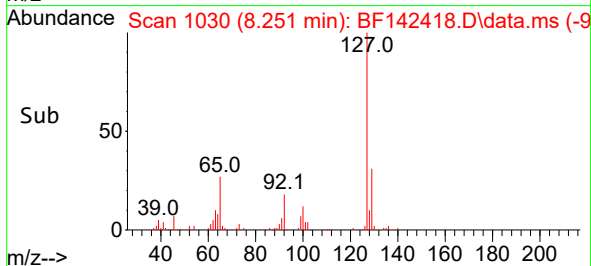
Tgt Ion:127 Resp: 121269
Ion Ratio Lower Upper
127 100
129 31.4 25.7 38.5
65 29.2 24.9 37.3
92 18.5 14.9 22.3

Manual Integrations

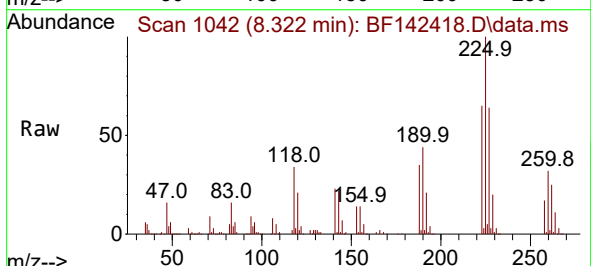
APPROVED

Reviewed By :Rahul Chavli 05/19/2025

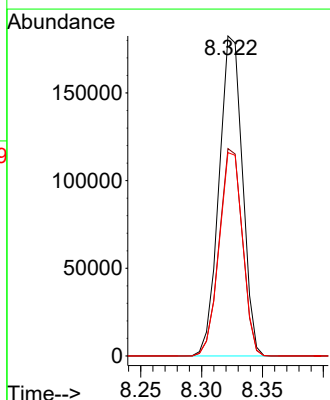
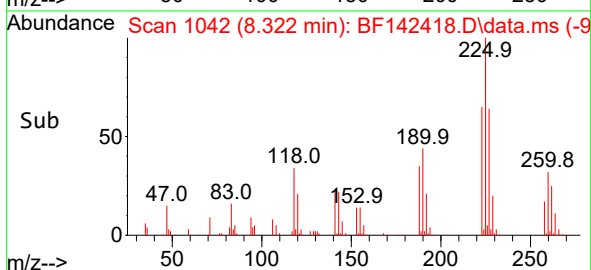
Supervised By :Jagrut Upadhyay 05/19/2025

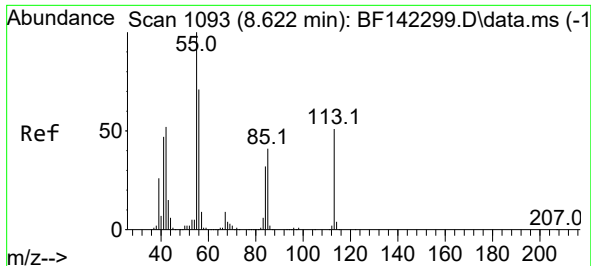


#34
Hexachlorobutadiene
Concen: 41.236 ng
RT: 8.322 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43



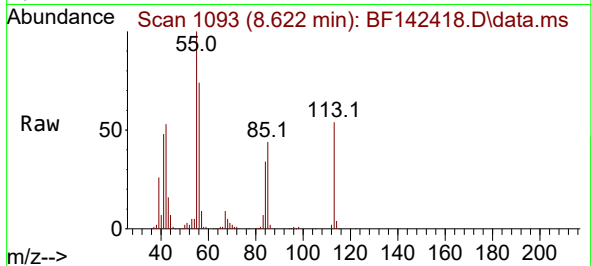
Tgt Ion:225 Resp: 243783
Ion Ratio Lower Upper
225 100
223 64.8 49.8 74.6
227 63.6 50.9 76.3





#35
Caprolactam
Concen: 47.178 ng m
RT: 8.622 min Scan# 1093
Delta R.T. -0.000 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

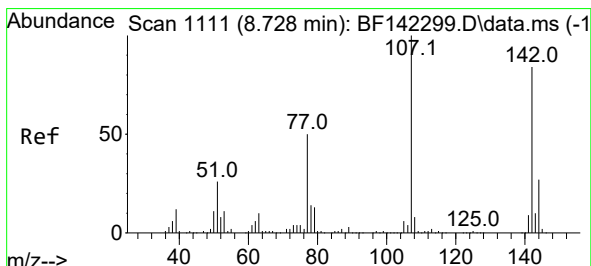
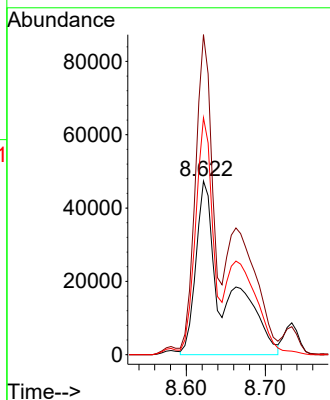
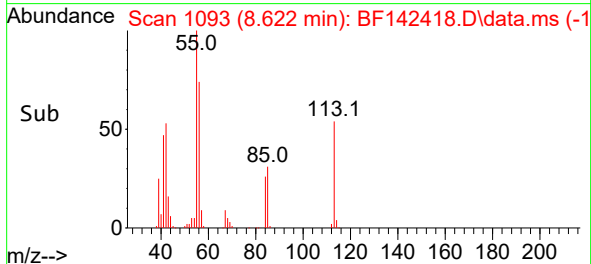
Instrument :
BNA_F
ClientSampleId :
PB168000BS



Tgt Ion:113 Resp: 121970
Ion Ratio Lower Upper
113 100
55 184.4 176.4 216.4
56 136.5 120.3 160.3

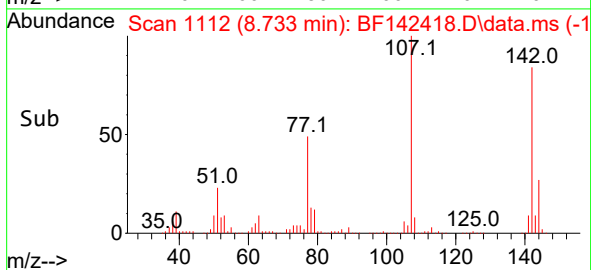
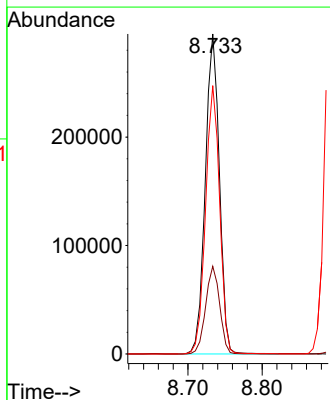
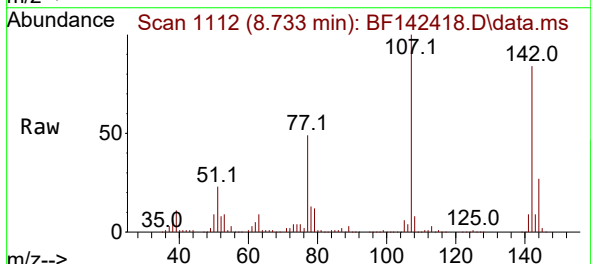
Manual Integrations
APPROVED

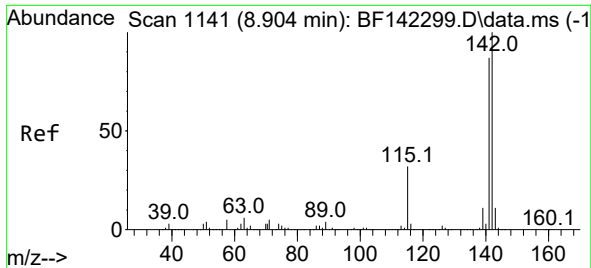
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025



#36
4-Chloro-3-methylphenol
Concen: 42.339 ng
RT: 8.733 min Scan# 1112
Delta R.T. 0.006 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

Tgt Ion:107 Resp: 390439
Ion Ratio Lower Upper
107 100
144 27.4 21.3 31.9
142 83.8 66.9 100.3





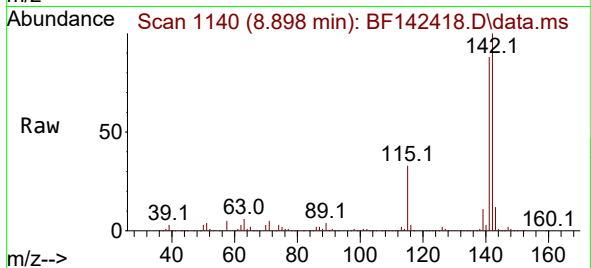
#37
2-Methylnaphthalene
Concen: 40.205 ng
RT: 8.898 min Scan# 1140
Delta R.T. -0.006 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

Instrument :

BNA_F

ClientSampleId :

PB168000BS

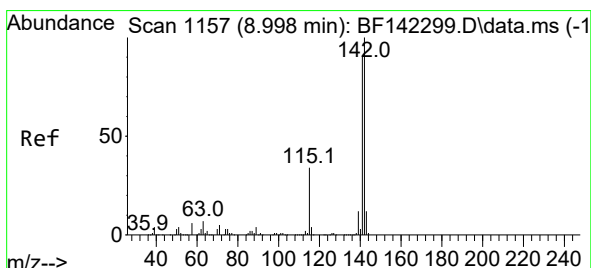
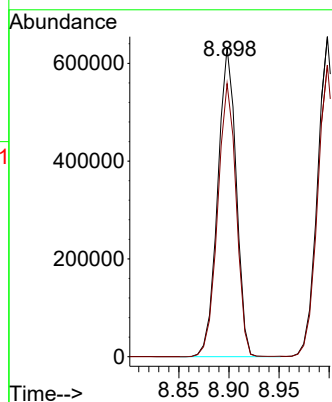
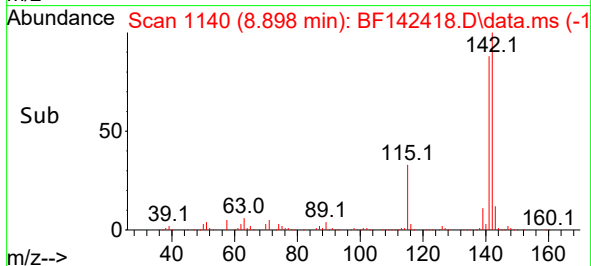


Tgt Ion:142 Resp: 809310
Ion Ratio Lower Upper
142 100
141 88.3 69.4 104.2

Manual Integrations

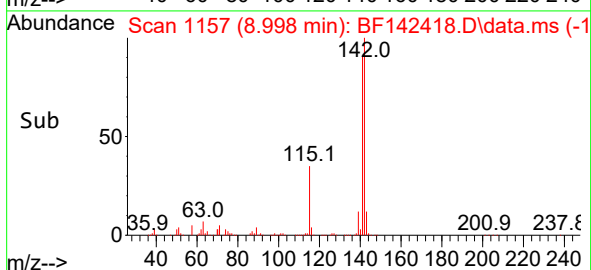
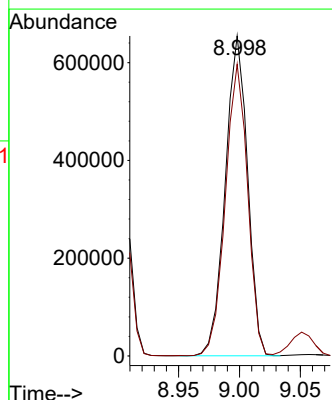
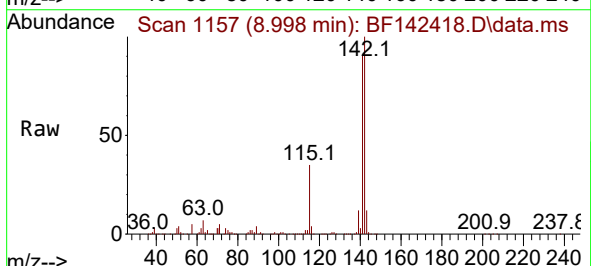
APPROVED

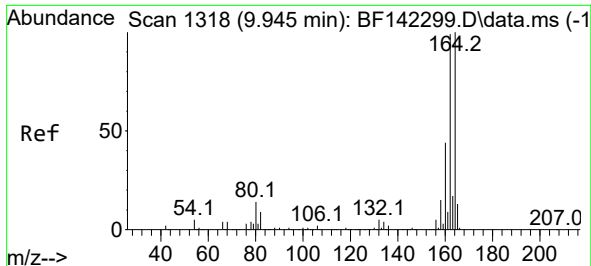
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025



#38
1-Methylnaphthalene
Concen: 39.804 ng
RT: 8.998 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

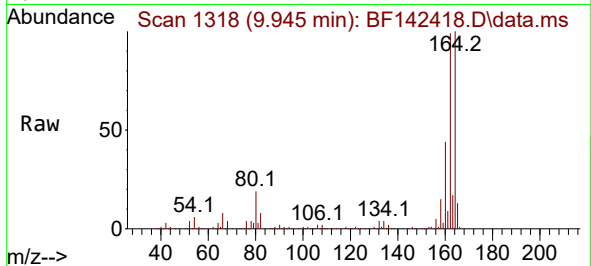
Tgt Ion:142 Resp: 835112
Ion Ratio Lower Upper
142 100
141 91.2 72.5 108.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

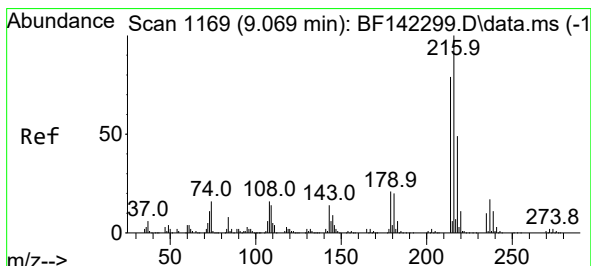
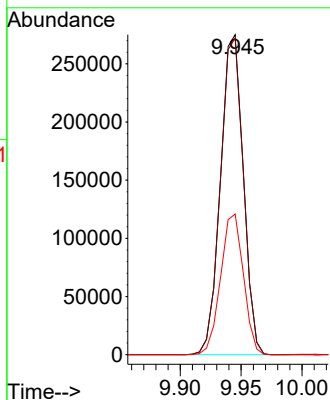
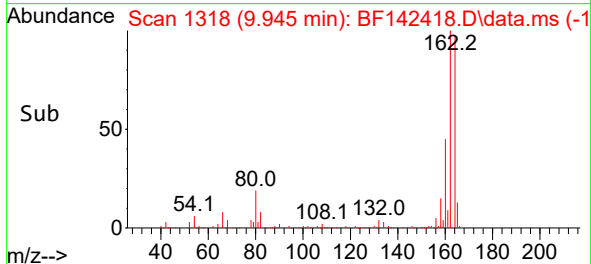
Instrument :
BNA_F
ClientSampleId :
PB168000BS



Tgt Ion:164 Resp: 358648
Ion Ratio Lower Upper
164 100
162 98.9 79.2 118.8
160 44.0 35.3 52.9

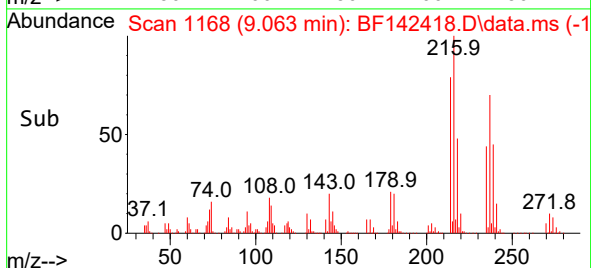
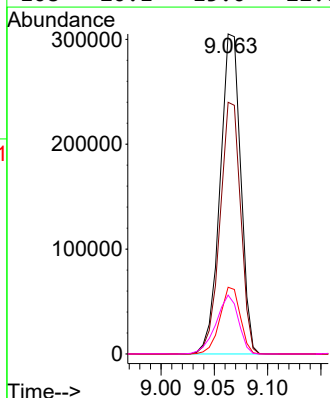
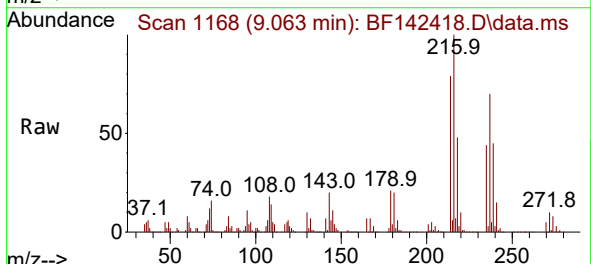
Manual Integrations
APPROVED

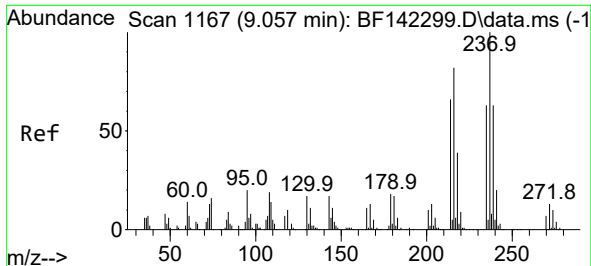
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.908 ng
RT: 9.063 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

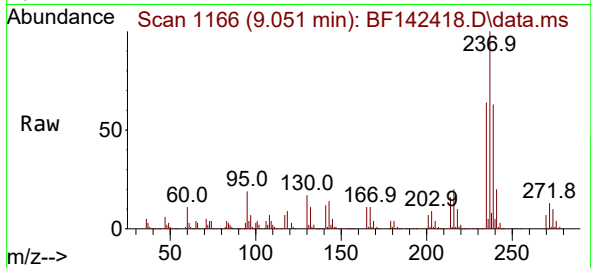
Tgt Ion:216 Resp: 409760
Ion Ratio Lower Upper
216 100
214 78.6 63.8 95.6
179 20.6 17.0 25.6
108 20.1 15.0 22.6





#41
Hexachlorocyclopentadiene
Concen: 90.785 ng
RT: 9.051 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

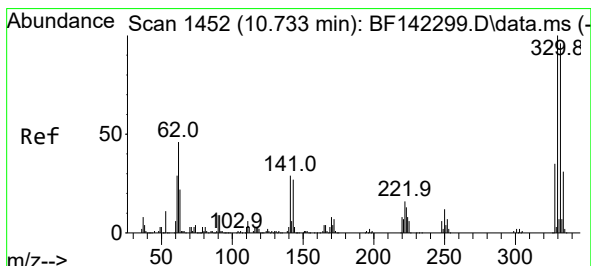
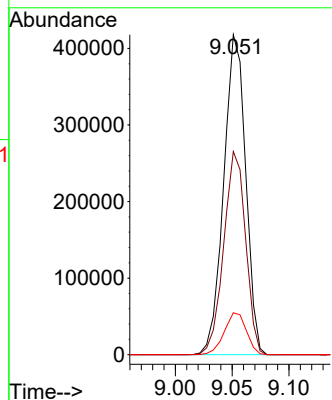
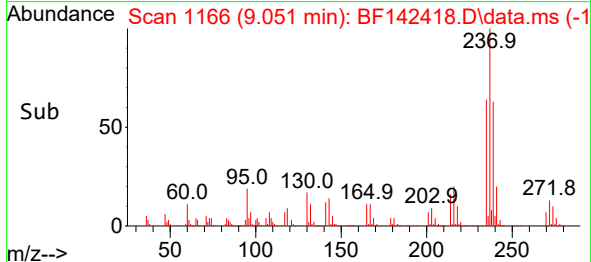
Instrument :
BNA_F
ClientSampleId :
PB168000BS



Tgt Ion:237 Resp: 562008
Ion Ratio Lower Upper
237 100
235 63.5 42.8 82.8
272 13.1 0.0 33.0

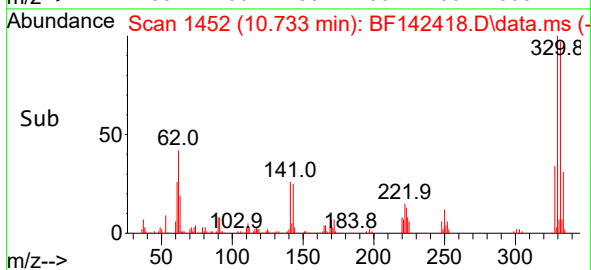
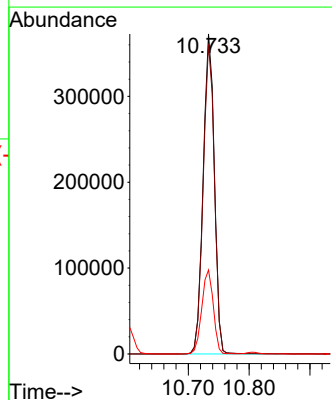
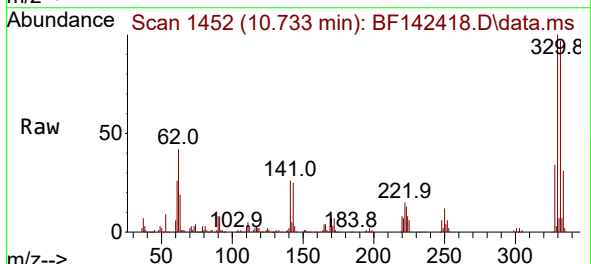
Manual Integrations
APPROVED

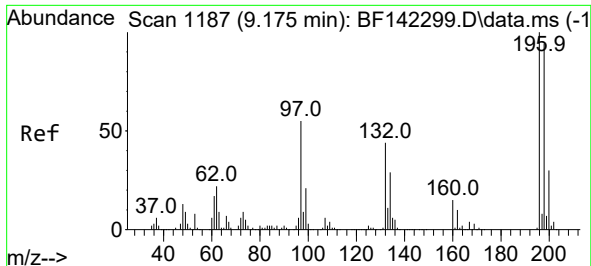
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025



#42
2,4,6-Tribromophenol
Concen: 137.547 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

Tgt Ion:330 Resp: 476281
Ion Ratio Lower Upper
330 100
332 96.7 76.8 115.2
141 26.9 24.9 37.3





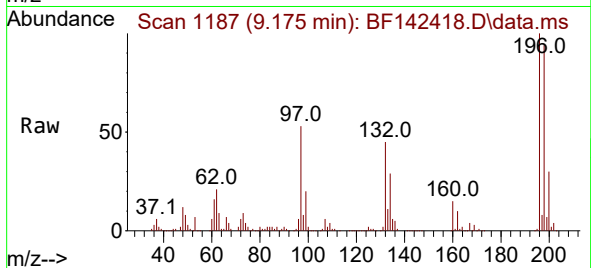
#43
2,4,6-Trichlorophenol
Concen: 45.236 ng
RT: 9.175 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

Instrument :

BNA_F

ClientSampleId :

PB168000BS



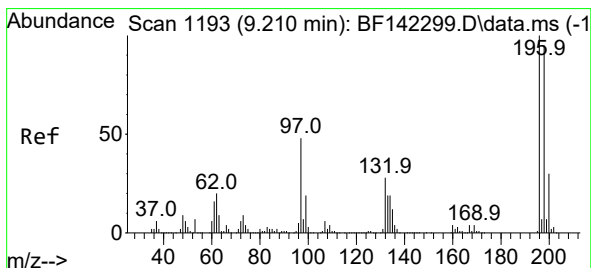
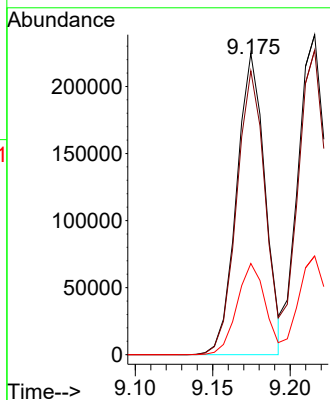
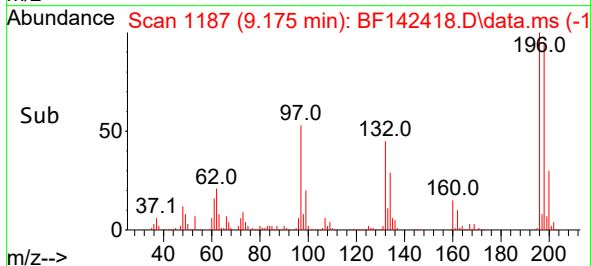
Tgt Ion:196 Resp: 285809
Ion Ratio Lower Upper
196 100
198 94.2 75.4 113.0
200 30.3 24.3 36.5

Manual Integrations

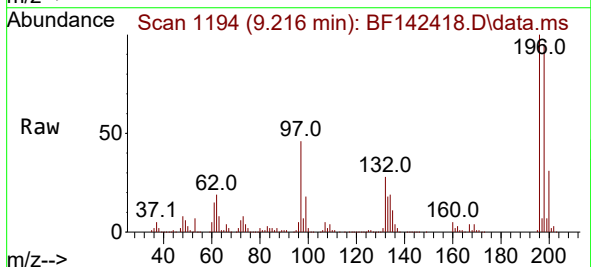
APPROVED

Reviewed By :Rahul Chavli 05/19/2025

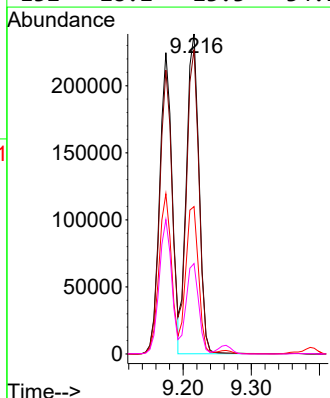
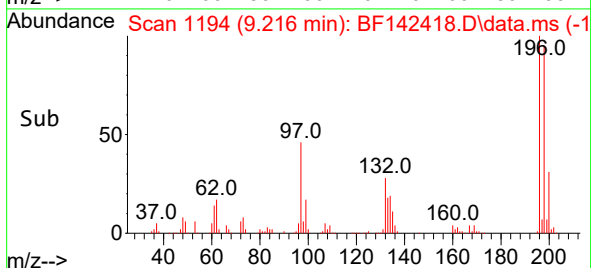
Supervised By :Jagrut Upadhyay 05/19/2025

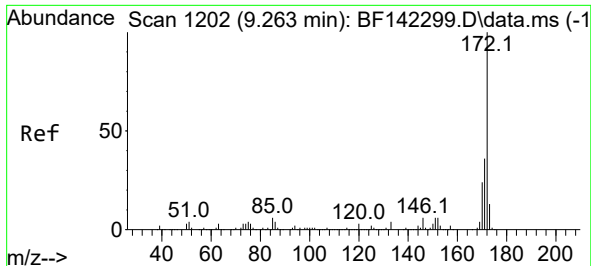


#44
2,4,5-Trichlorophenol
Concen: 44.979 ng
RT: 9.216 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43



Tgt Ion:196 Resp: 302375
Ion Ratio Lower Upper
196 100
198 95.1 76.1 114.1
97 46.0 39.0 58.4
132 28.2 23.3 34.9





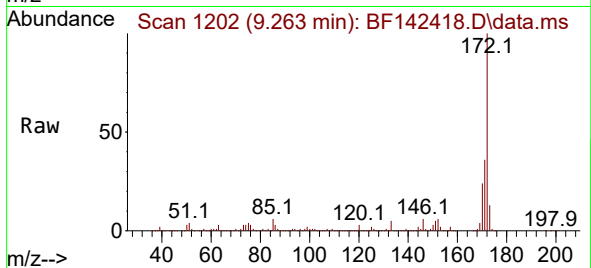
#45
2-Fluorobiphenyl
Concen: 71.837 ng
RT: 9.263 min Scan# 1202
Delta R.T. -0.000 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

Instrument :

BNA_F

ClientSampleId :

PB168000BS



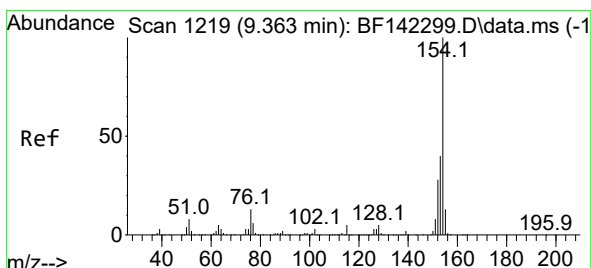
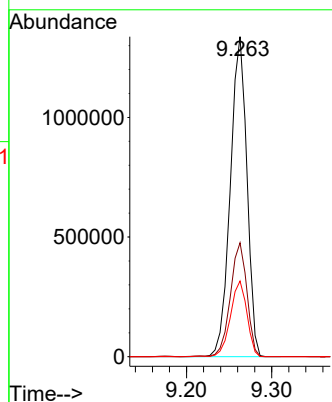
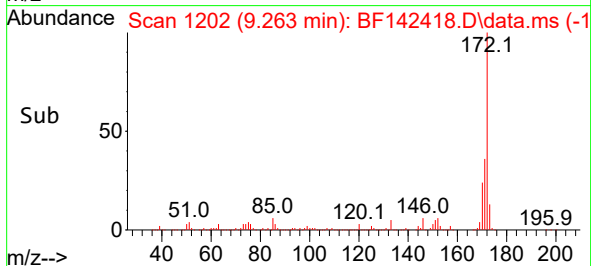
Tgt Ion:172 Resp: 1806890
Ion Ratio Lower Upper
172 100
171 35.6 28.6 42.8
170 23.6 19.0 28.4

Manual Integrations

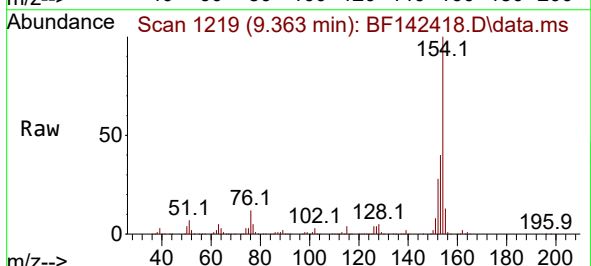
APPROVED

Reviewed By :Rahul Chavli 05/19/2025

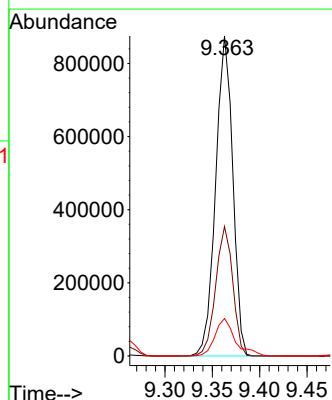
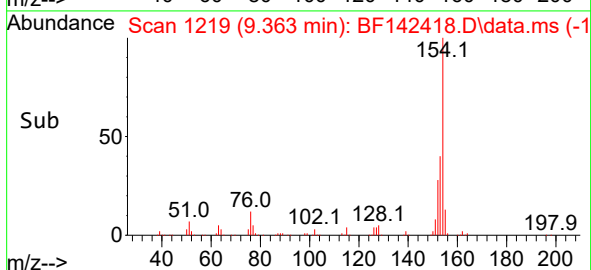
Supervised By :Jagrut Upadhyay 05/19/2025

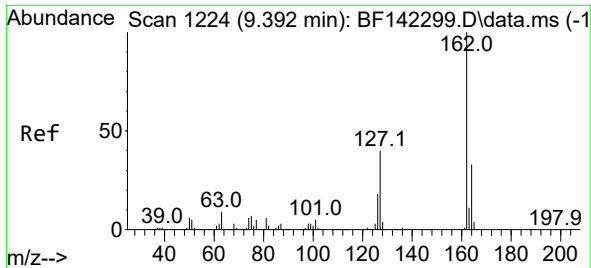


#46
1,1'-Biphenyl
Concen: 39.974 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43



Tgt Ion:154 Resp: 1099242
Ion Ratio Lower Upper
154 100
153 40.5 20.5 60.5
76 11.7 0.0 32.8





#47
2-Chloronaphthalene
Concen: 39.964 ng
RT: 9.386 min Scan# 1224
Delta R.T. -0.006 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

Instrument :

BNA_F

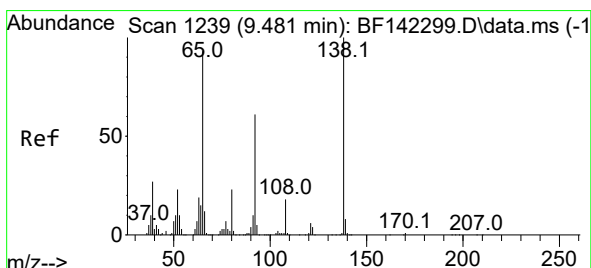
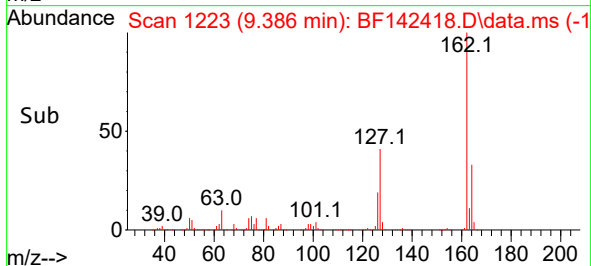
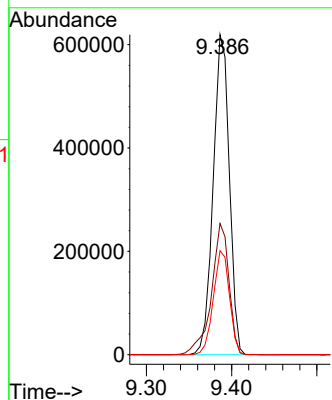
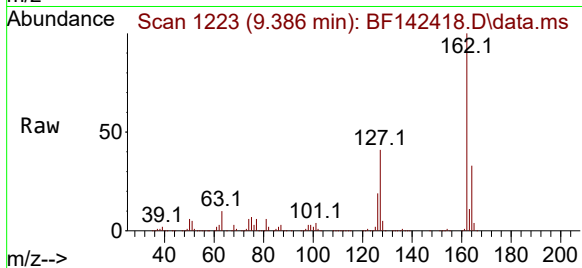
ClientSampleId :

PB168000BS

Tgt Ion:162 Resp: 81727
Ion Ratio Lower Upper
162 100
127 41.0 32.3 48.5
164 32.5 26.6 40.0

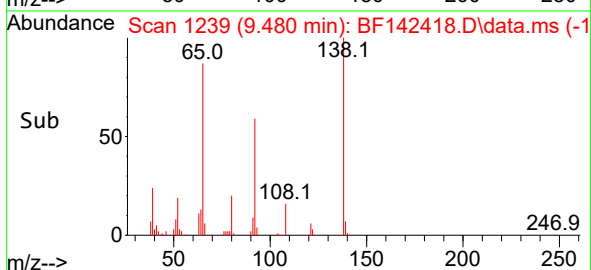
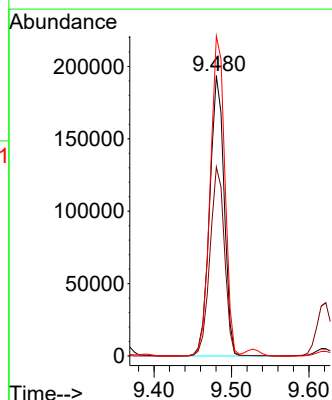
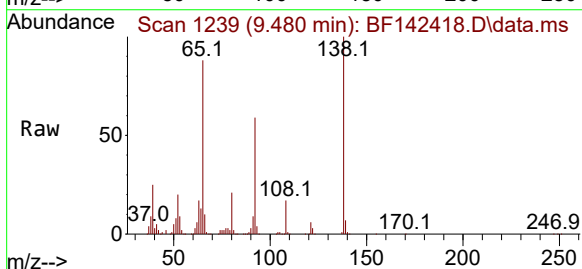
Manual Integrations
APPROVED

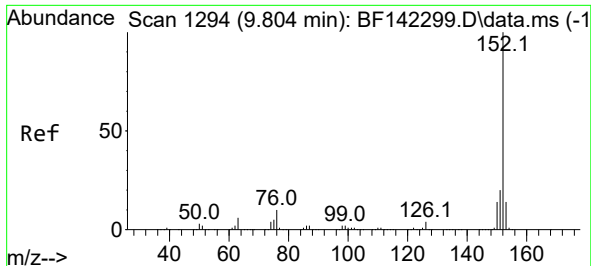
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025



#48
2-Nitroaniline
Concen: 47.846 ng
RT: 9.480 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

Tgt Ion: 65 Resp: 250800
Ion Ratio Lower Upper
65 100
92 67.4 52.3 78.5
138 114.2 85.6 128.4





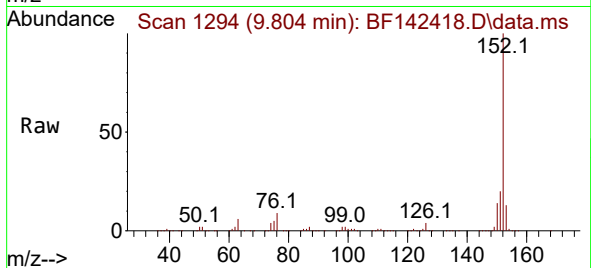
#49
Acenaphthylene
Concen: 39.931 ng
RT: 9.804 min Scan# 1294
Delta R.T. -0.000 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

Instrument :

BNA_F

ClientSampleId :

PB168000BS



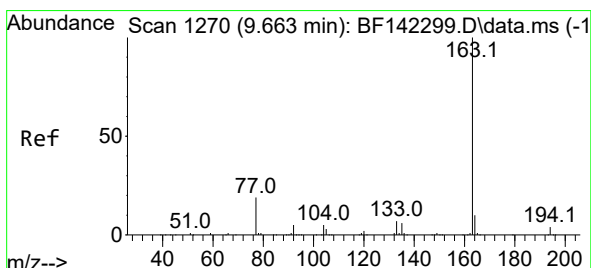
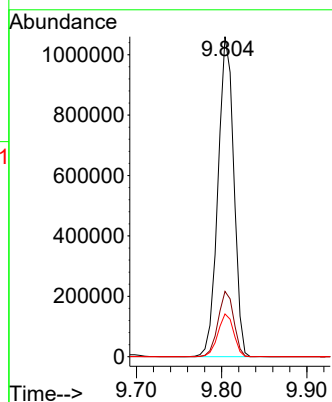
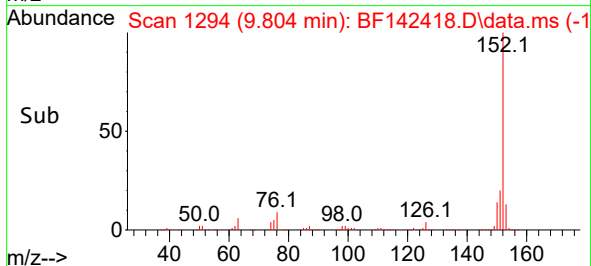
Tgt Ion:152 Resp: 136608
Ion Ratio Lower Upper
152 100
151 20.4 16.0 24.0
153 13.4 10.8 16.2

Manual Integrations

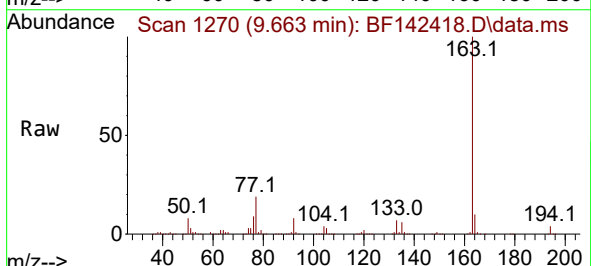
APPROVED

Reviewed By :Rahul Chavli 05/19/2025

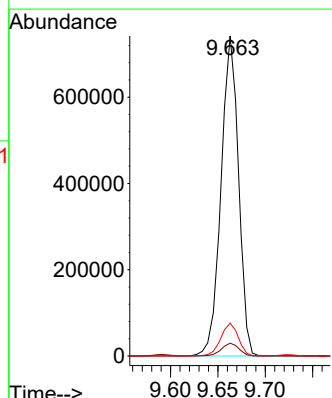
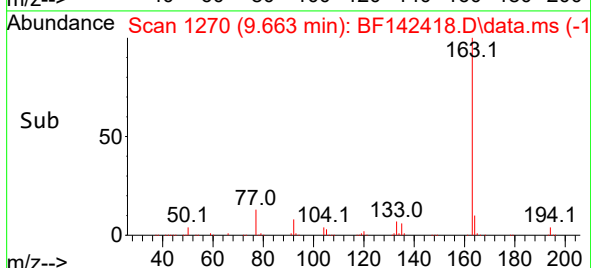
Supervised By :Jagrut Upadhyay 05/19/2025

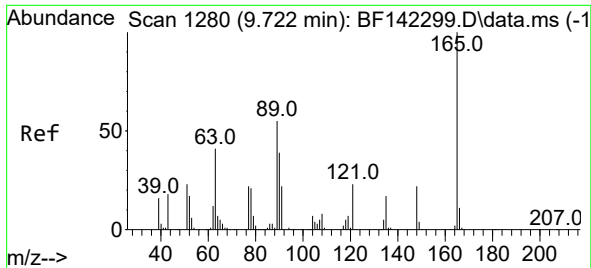


#50
Dimethylphthalate
Concen: 41.434 ng
RT: 9.663 min Scan# 1270
Delta R.T. -0.000 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43



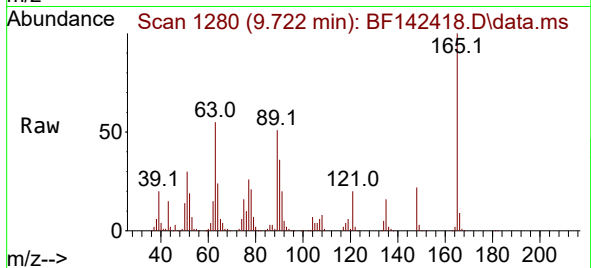
Tgt Ion:163 Resp: 954219
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.3 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 49.325 ng
RT: 9.722 min Scan# 1280
Delta R.T. -0.000 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

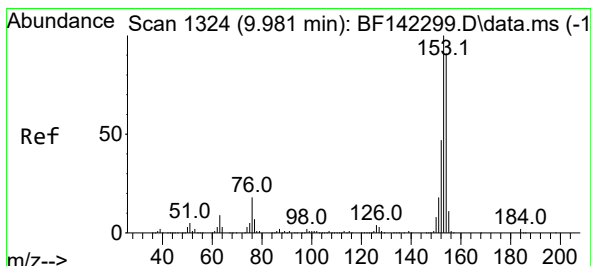
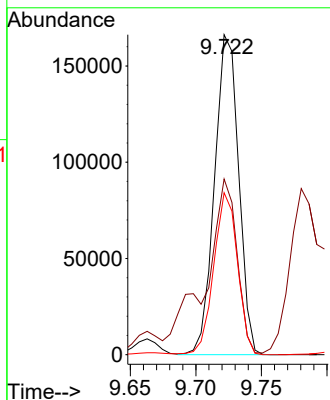
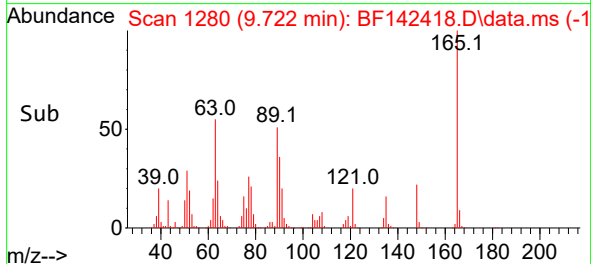
Instrument :
BNA_F
ClientSampleId :
PB168000BS



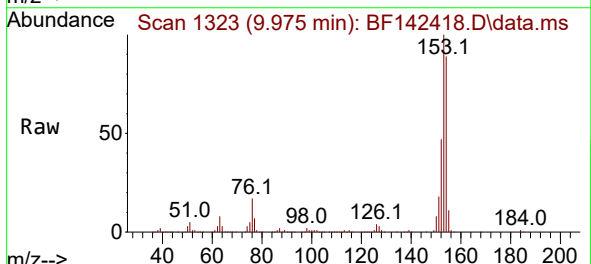
Tgt Ion:165 Resp: 212630
Ion Ratio Lower Upper
165 100
63 54.9 49.5 74.3
89 50.6 44.6 66.8

Manual Integrations
APPROVED

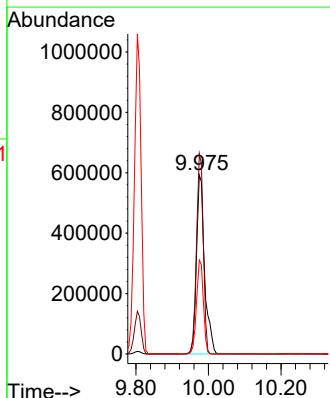
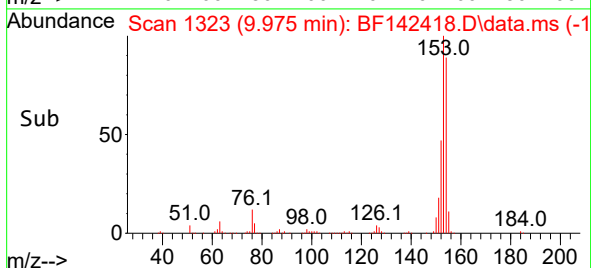
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

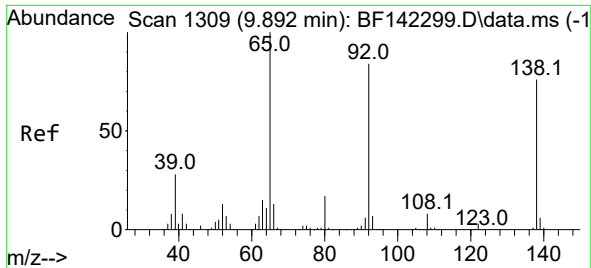


#52
Acenaphthene
Concen: 44.987 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43



Tgt Ion:154 Resp: 925389
Ion Ratio Lower Upper
154 100
153 111.9 88.0 132.0
152 52.5 41.6 62.4





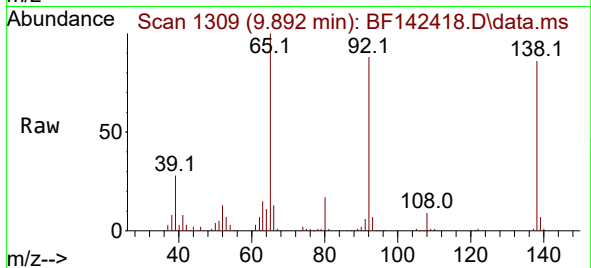
#53
3-Nitroaniline
Concen: 25.571 ng
RT: 9.892 min Scan# 1309
Delta R.T. -0.000 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

Instrument :

BNA_F

ClientSampleId :

PB168000BS



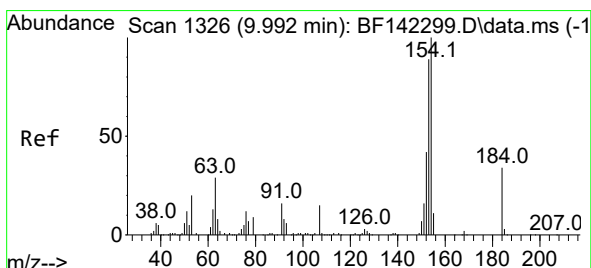
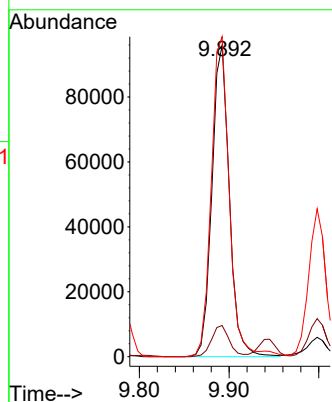
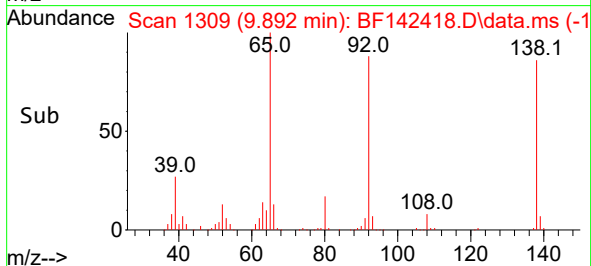
Tgt Ion:138 Resp: 129278
Ion Ratio Lower Upper
138 100
108 10.0 8.7 13.1
92 102.8 89.5 134.3

Manual Integrations

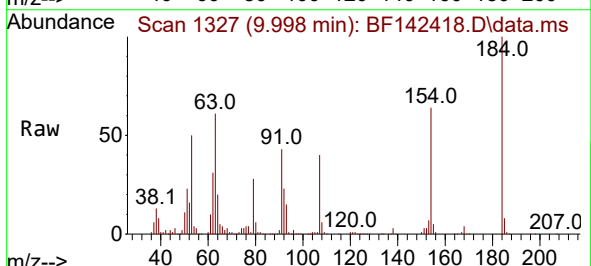
APPROVED

Reviewed By :Rahul Chavli 05/19/2025

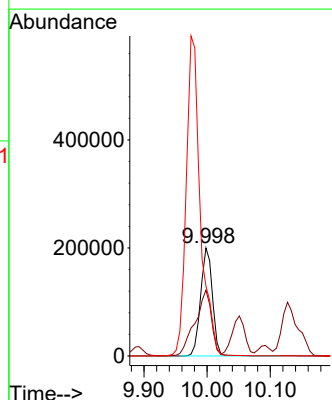
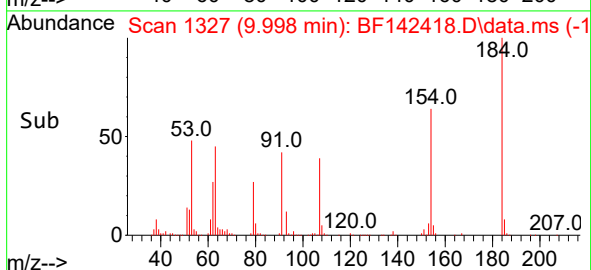
Supervised By :Jagrut Upadhyay 05/19/2025

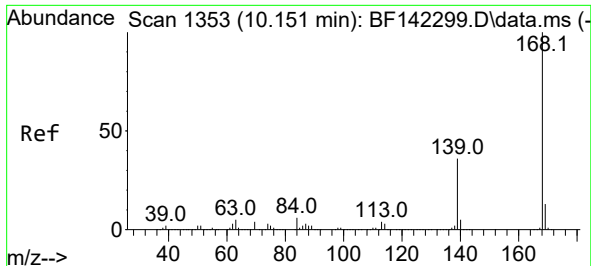


#54
2,4-Dinitrophenol
Concen: 112.243 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43



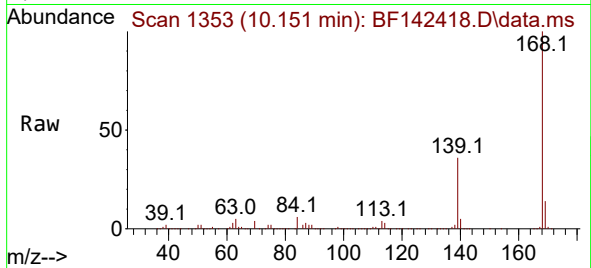
Tgt Ion:184 Resp: 260837
Ion Ratio Lower Upper
184 100
63 60.9 70.6 105.8#
154 64.5 257.2 385.8#





#55
Dibenzofuran
Concen: 39.654 ng
RT: 10.151 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

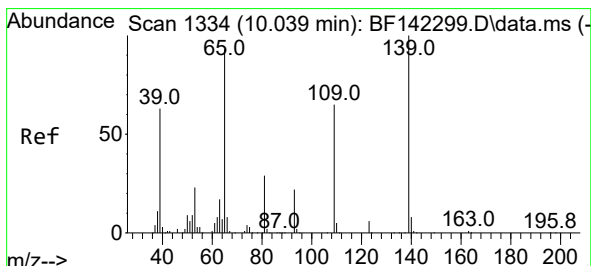
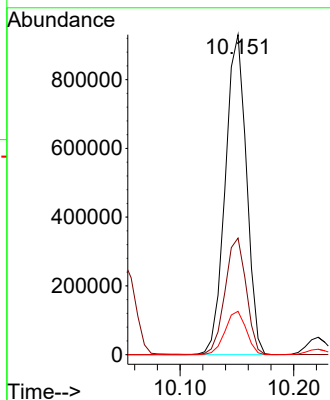
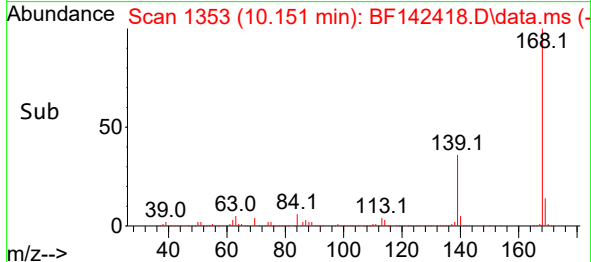
Instrument :
BNA_F
ClientSampleId :
PB168000BS



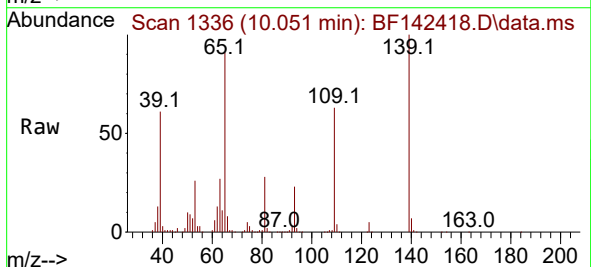
Tgt Ion:168 Resp: 1203834
Ion Ratio Lower Upper
168 100
139 36.5 29.0 43.4
169 13.6 10.7 16.1

Manual Integrations
APPROVED

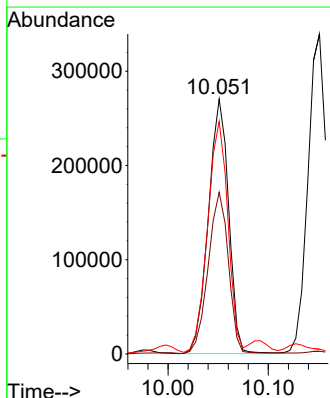
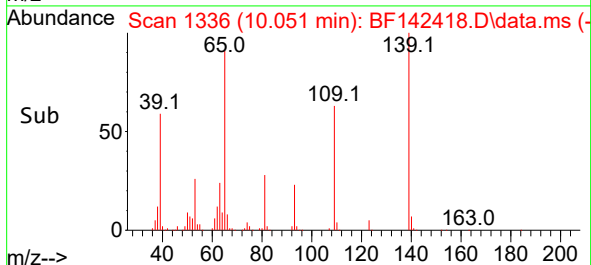
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

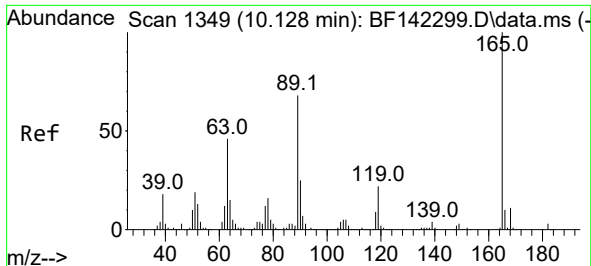


#56
4-Nitrophenol
Concen: 99.633 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.012 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43



Tgt Ion:139 Resp: 379108
Ion Ratio Lower Upper
139 100
109 63.4 45.3 85.3
65 91.2 73.9 113.9





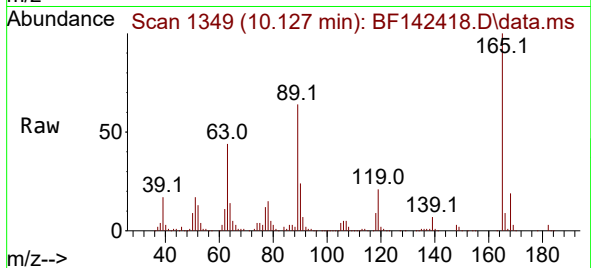
#57
2,4-Dinitrotoluene
Concen: 52.395 ng
RT: 10.127 min Scan# 1349
Delta R.T. -0.000 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

Instrument :

BNA_F

ClientSampleId :

PB168000BS



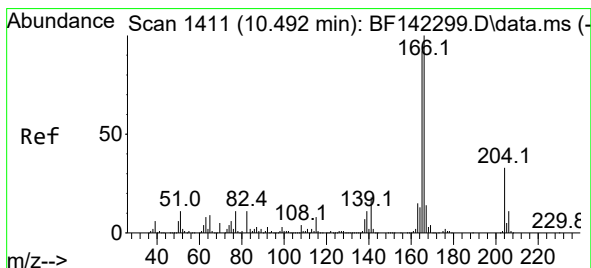
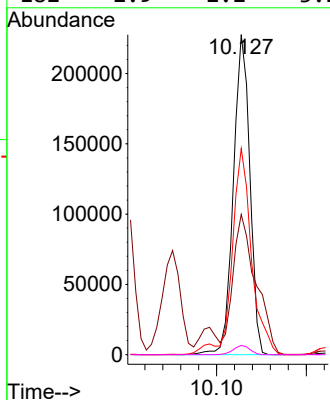
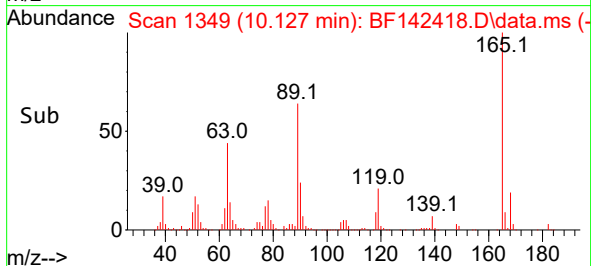
Tgt Ion:165 Resp: 289718
Ion Ratio Lower Upper
165 100
63 43.8 37.1 55.7
89 64.4 54.4 81.6
182 2.9 2.2 3.2

Manual Integrations

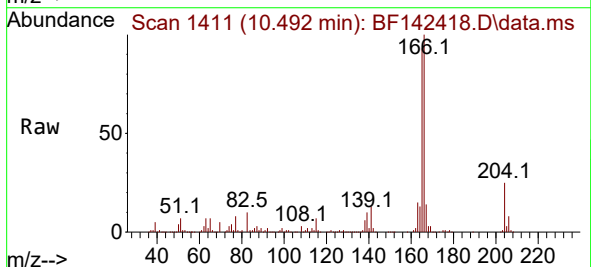
APPROVED

Reviewed By :Rahul Chavli 05/19/2025

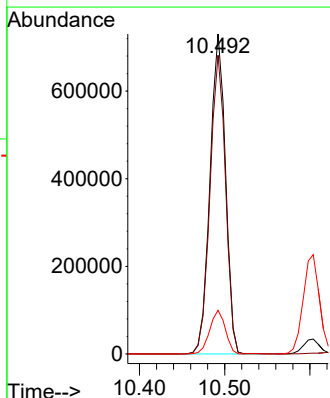
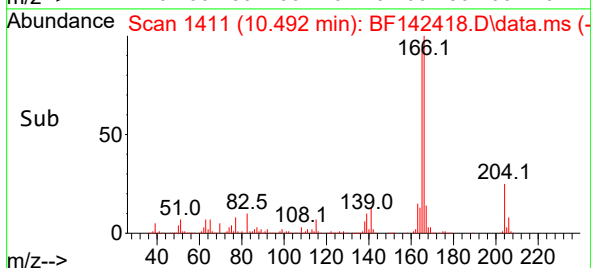
Supervised By :Jagrut Upadhyay 05/19/2025

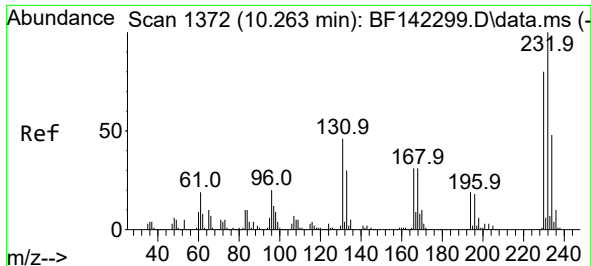


#58
Fluorene
Concen: 39.850 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43



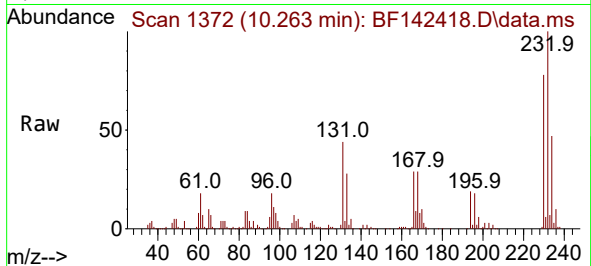
Tgt Ion:166 Resp: 923244
Ion Ratio Lower Upper
166 100
165 93.4 74.0 111.0
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.898 ng
RT: 10.263 min Scan# 1372
Delta R.T. -0.000 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

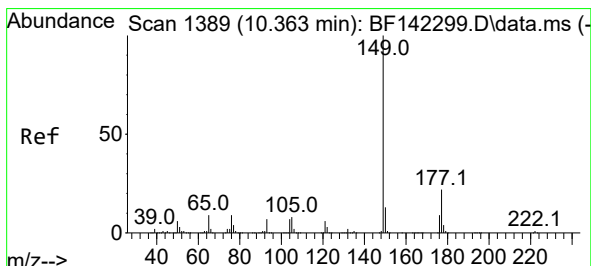
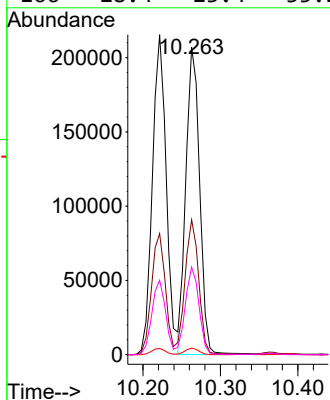
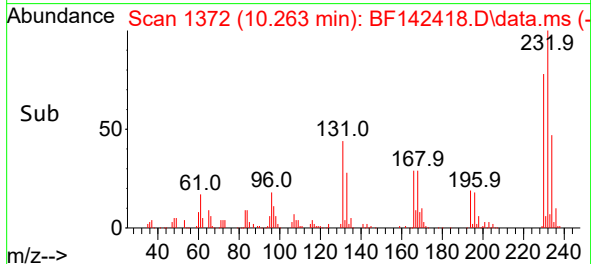
Instrument :
BNA_F
ClientSampleId :
PB168000BS



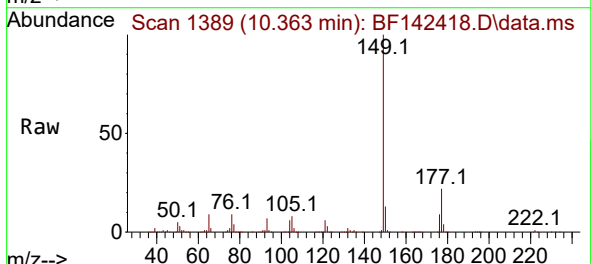
Tgt Ion:232 Resp: 254710
Ion Ratio Lower Upper
232 100
131 44.3 36.0 54.0
130 2.1 1.8 2.6
166 28.4 23.4 35.2

Manual Integrations
APPROVED

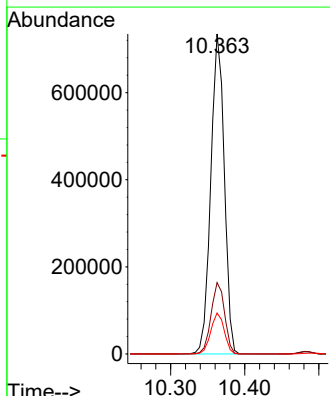
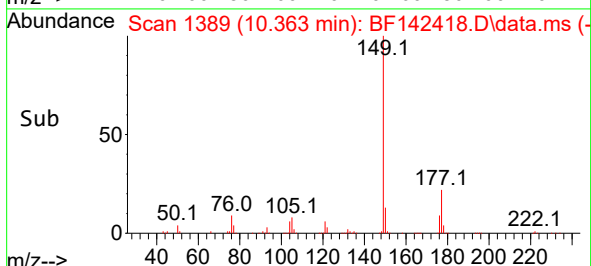
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

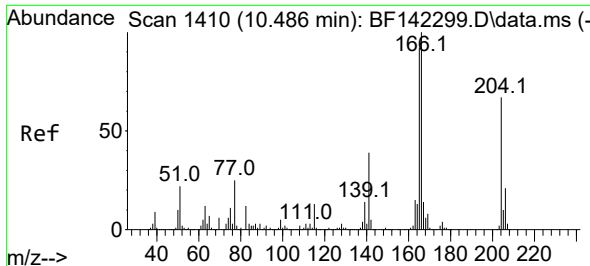


#60
Diethylphthalate
Concen: 40.389 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.000 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43



Tgt Ion:149 Resp: 928901
Ion Ratio Lower Upper
149 100
177 22.3 17.6 26.4
150 12.8 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 40.037 ng
RT: 10.480 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

Instrument :

BNA_F

ClientSampleId :

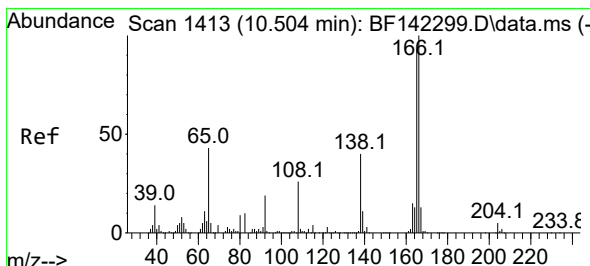
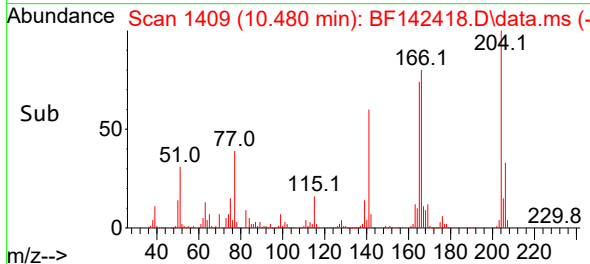
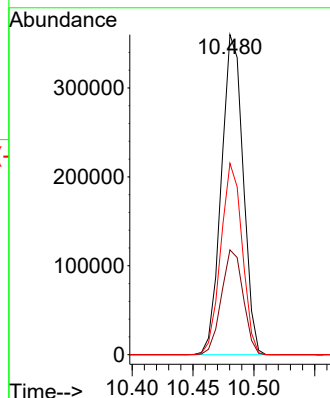
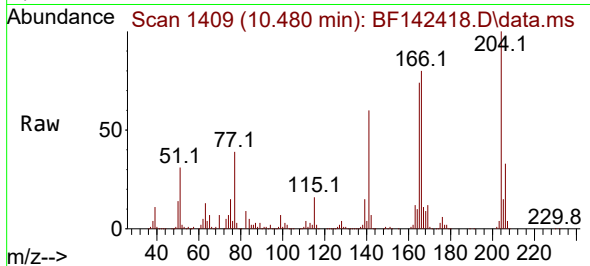
PB168000BS

Tgt Ion:204 Resp: 447520
Ion Ratio Lower Upper
204 100
206 32.8 25.5 38.3
141 59.8 46.4 69.6

Manual Integrations

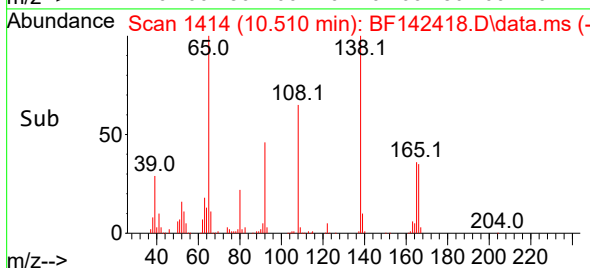
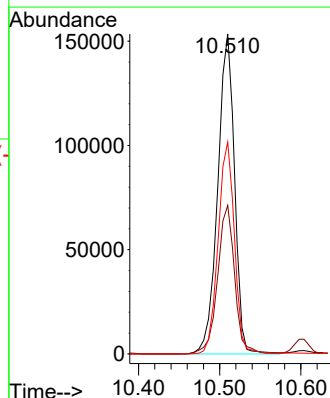
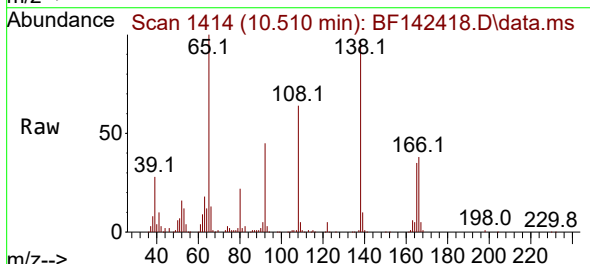
APPROVED

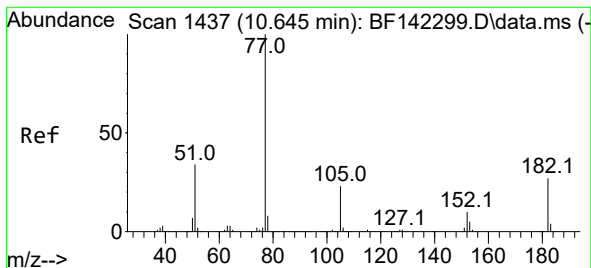
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025



#62
4-Nitroaniline
Concen: 55.268 ng
RT: 10.510 min Scan# 1414
Delta R.T. 0.006 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

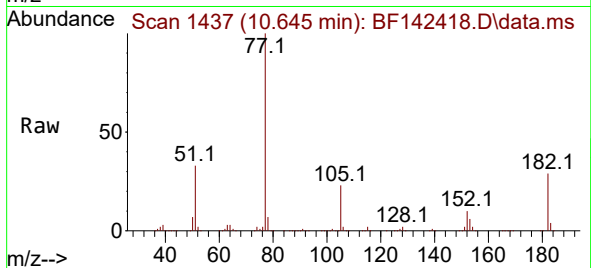
Tgt Ion:138 Resp: 221459
Ion Ratio Lower Upper
138 100
92 46.4 27.3 67.3
108 66.2 45.1 85.1





#63
Azobenzene
Concen: 38.599 ng
RT: 10.645 min Scan# 1437
Delta R.T. -0.000 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

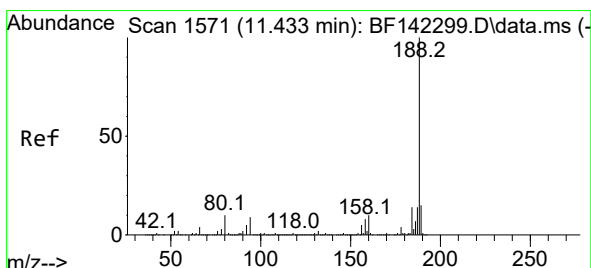
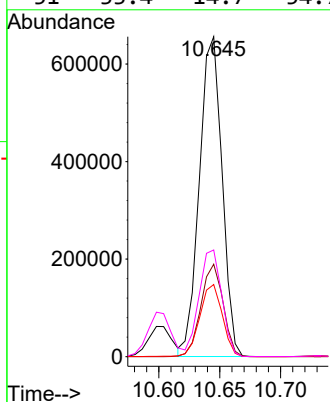
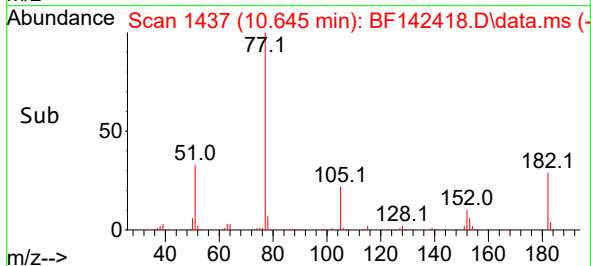
Instrument :
BNA_F
ClientSampleId :
PB168000BS



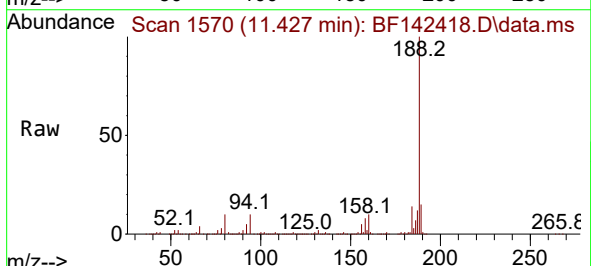
Tgt Ion: 77 Resp: 84830
Ion Ratio Lower Upper
77 100
182 28.9 6.9 46.9
105 22.6 2.7 42.7
51 33.4 14.7 54.7

Manual Integrations
APPROVED

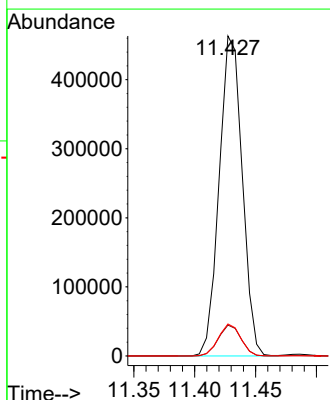
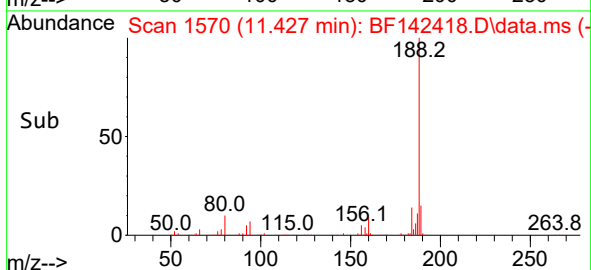
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

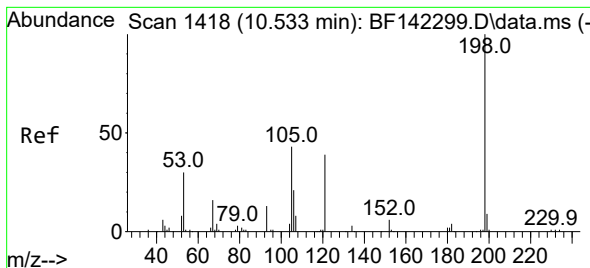


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43



Tgt Ion:188 Resp: 610277
Ion Ratio Lower Upper
188 100
94 9.7 7.5 11.3
80 10.0 7.9 11.9





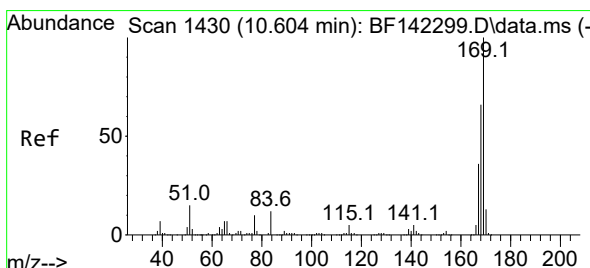
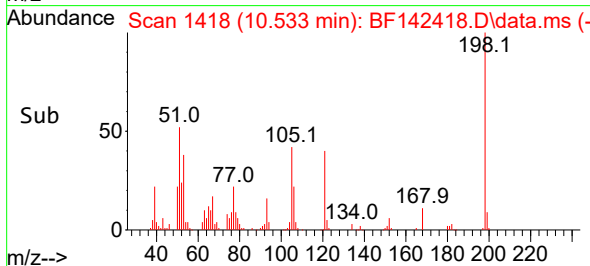
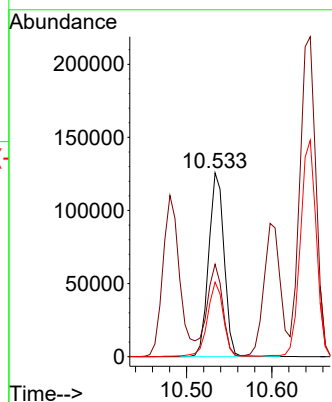
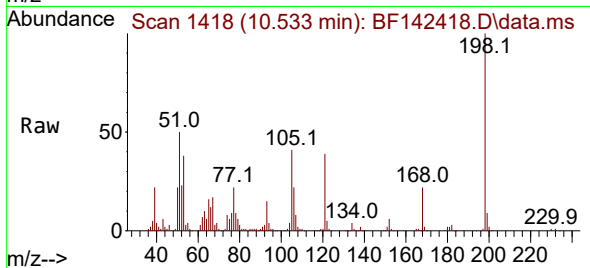
#65
4,6-Dinitro-2-methylphenol
Concen: 54.443 ng
RT: 10.533 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

Instrument :
BNA_F
ClientSampleId :
PB168000BS

Tgt Ion:198 Resp: 158107
Ion Ratio Lower Upper
198 100
51 50.3 32.9 72.9
105 40.5 23.7 63.7

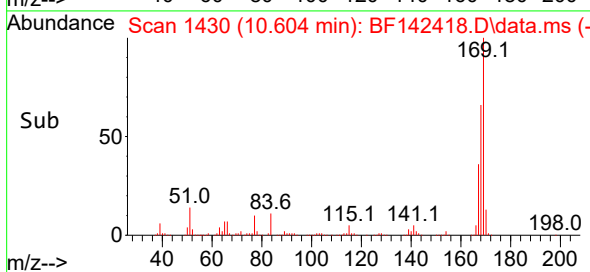
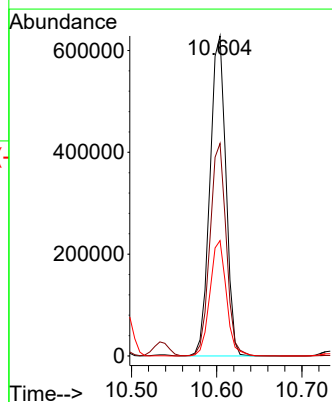
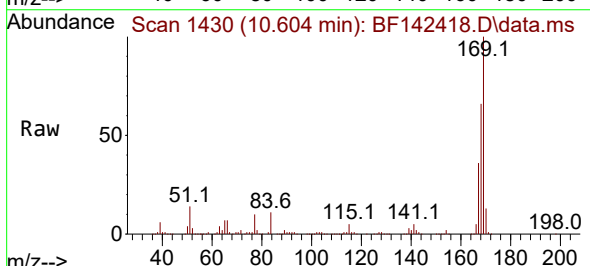
Manual Integrations
APPROVED

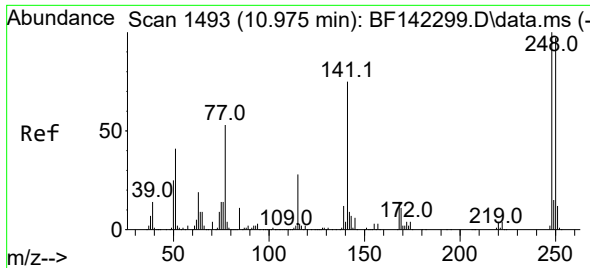
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025



#66
n-Nitrosodiphenylamine
Concen: 40.344 ng
RT: 10.604 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

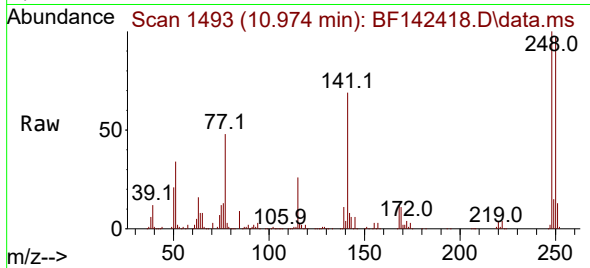
Tgt Ion:169 Resp: 819284
Ion Ratio Lower Upper
169 100
168 66.4 53.2 79.8
167 36.1 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 41.482 ng
RT: 10.974 min Scan# 1493
Delta R.T. -0.000 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

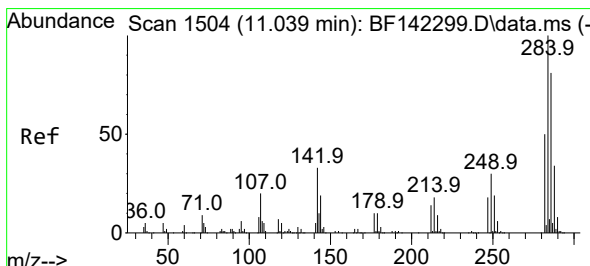
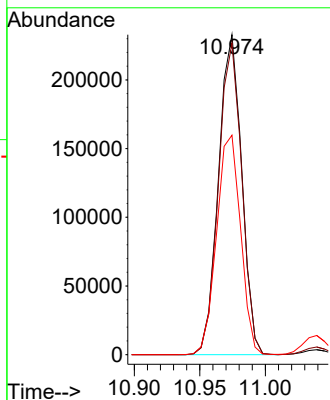
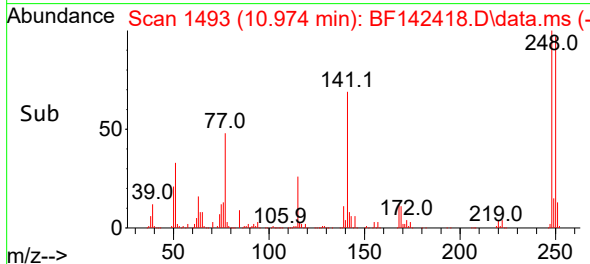
Instrument :
BNA_F
ClientSampleId :
PB168000BS



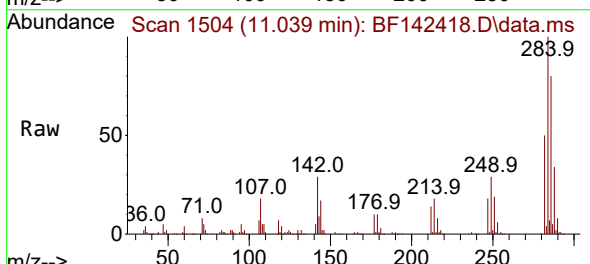
Tgt Ion:248 Resp: 286907
Ion Ratio Lower Upper
248 100
250 97.4 77.9 116.9
141 68.6 59.8 89.8

Manual Integrations
APPROVED

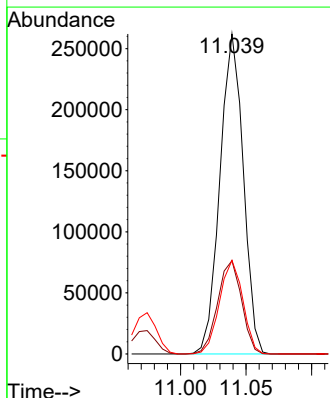
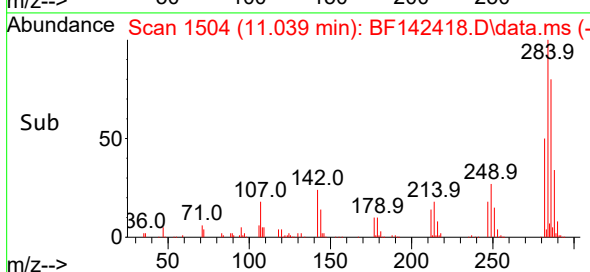
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

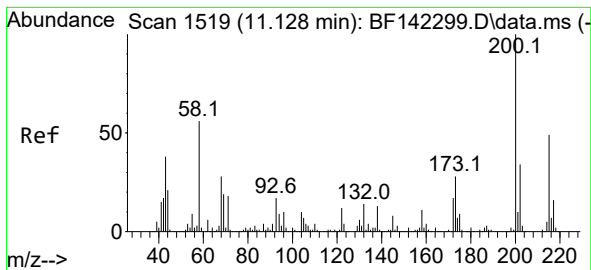


#68
Hexachlorobenzene
Concen: 42.595 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43



Tgt Ion:284 Resp: 324064
Ion Ratio Lower Upper
284 100
142 29.1 26.6 39.8
249 29.3 24.1 36.1





#69

Atrazine

Concen: 46.265 ng

RT: 11.127 min Scan# 1519

Delta R.T. -0.000 min

Lab File: BF142418.D

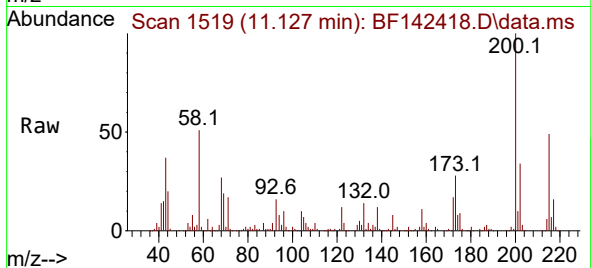
Acq: 16 May 2025 10:43

Instrument :

BNA_F

ClientSampleId :

PB168000BS



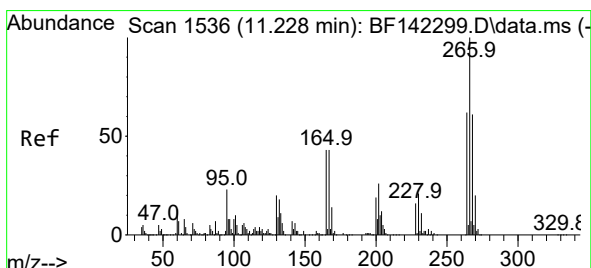
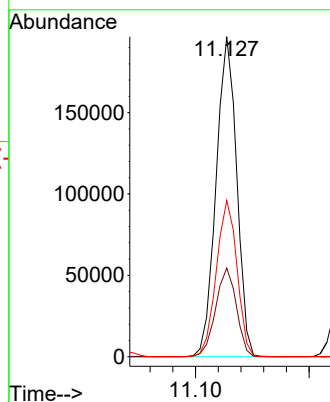
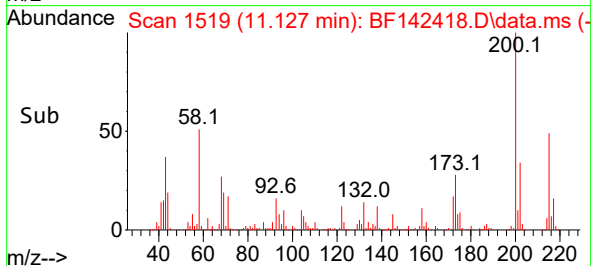
Tgt Ion:	200	Resp:	24766
Ion Ratio	Lower	Upper	
200	100		
173	27.7	8.1	48.1
215	48.9	28.8	68.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/19/2025

Supervised By :Jagrut Upadhyay 05/19/2025



#70

Pentachlorophenol

Concen: 97.442 ng

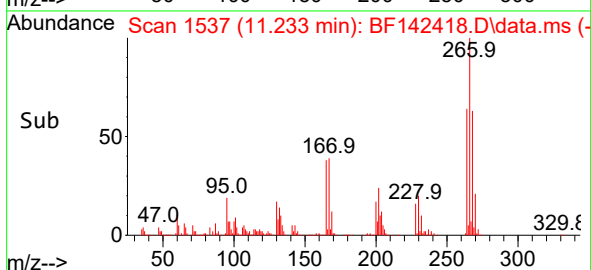
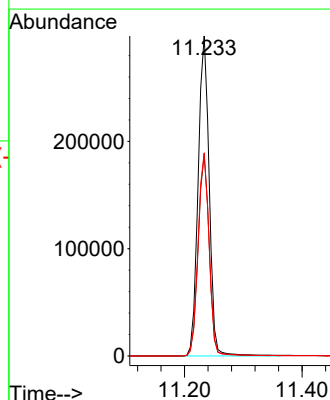
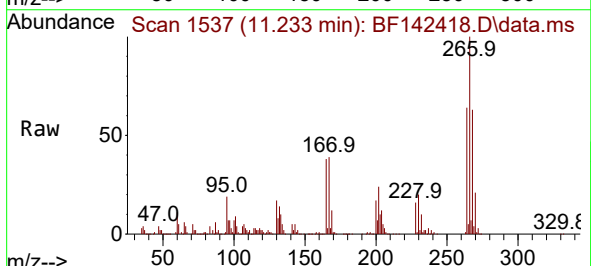
RT: 11.233 min Scan# 1537

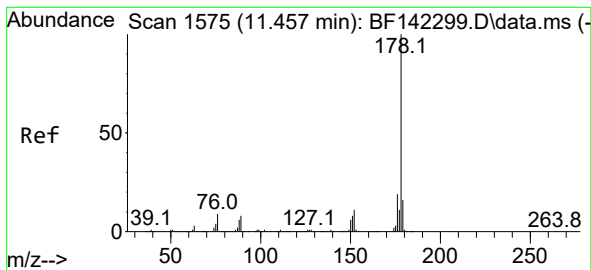
Delta R.T. 0.006 min

Lab File: BF142418.D

Acq: 16 May 2025 10:43

Tgt Ion:	266	Resp:	389996
Ion Ratio	Lower	Upper	
266	100		
268	63.0	48.7	73.1
264	63.5	49.8	74.6





#71

Phenanthrene

Concen: 40.251 ng

RT: 11.457 min Scan# 1575

Delta R.T. -0.000 min

Lab File: BF142418.D

Acq: 16 May 2025 10:43

Instrument :

BNA_F

ClientSampleId :

PB168000BS

Tgt Ion:178 Resp: 1287589

Ion Ratio Lower Upper

178 100

176 19.5 15.5 23.3

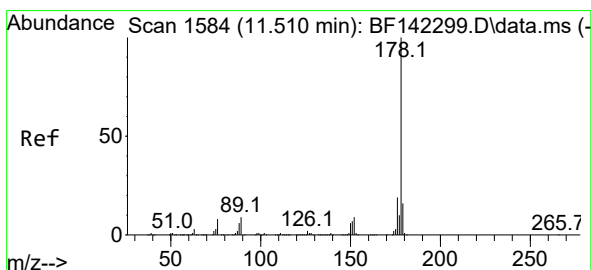
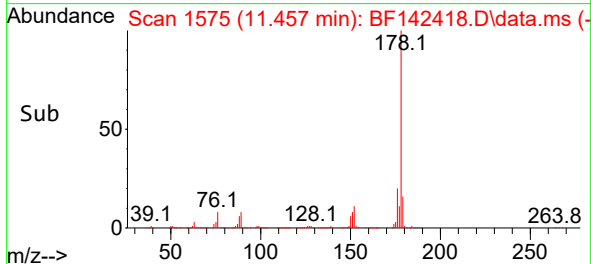
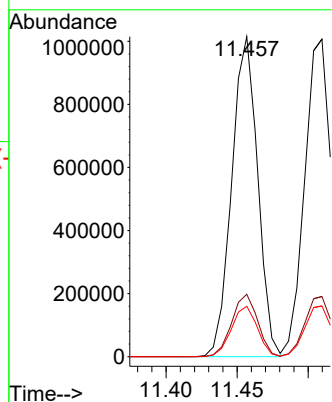
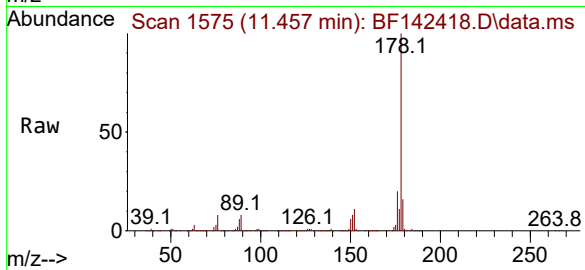
179 15.8 12.6 18.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/19/2025

Supervised By :Jagrut Upadhyay 05/19/2025



#72

Anthracene

Concen: 39.965 ng

RT: 11.510 min Scan# 1584

Delta R.T. -0.000 min

Lab File: BF142418.D

Acq: 16 May 2025 10:43

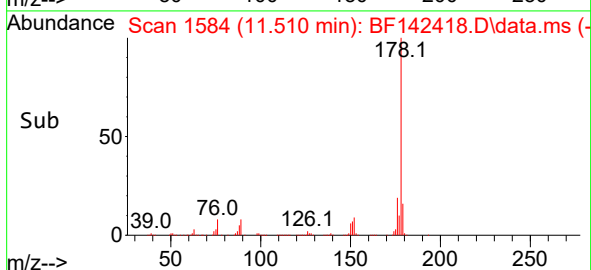
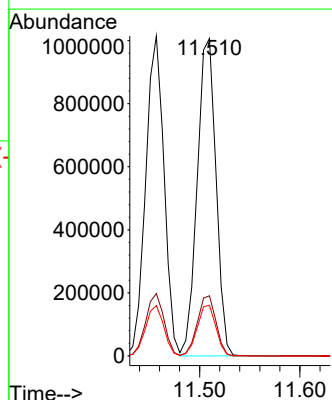
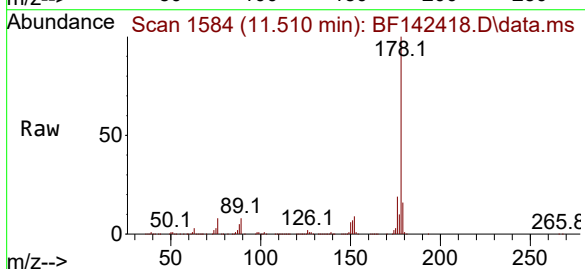
Tgt Ion:178 Resp: 1313620

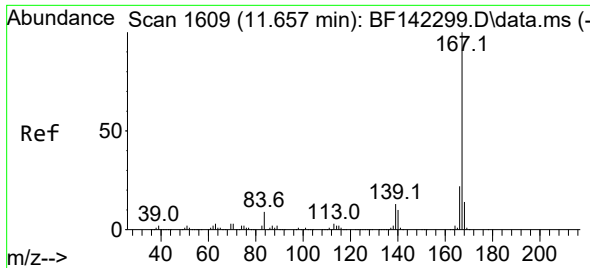
Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

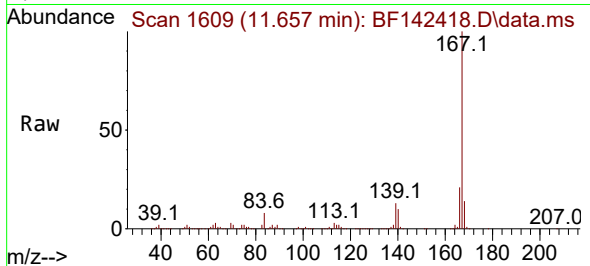
179 16.0 12.6 18.8





#73
 Carbazole
 Concen: 41.203 ng
 RT: 11.657 min Scan# 1609
 Delta R.T. -0.000 min
 Lab File: BF142418.D
 Acq: 16 May 2025 10:43

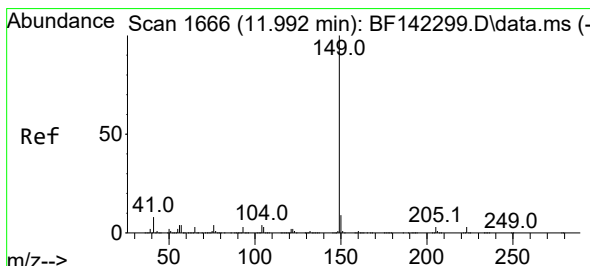
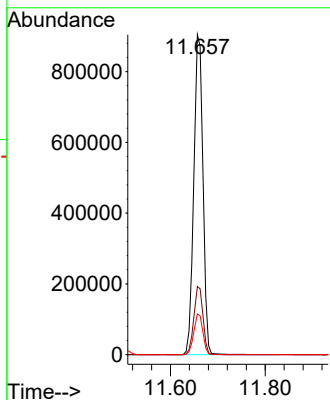
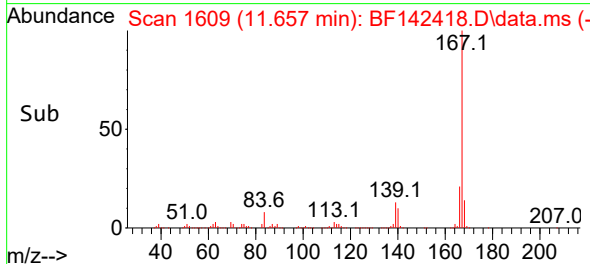
Instrument :
 BNA_F
 ClientSampleId :
 PB168000BS



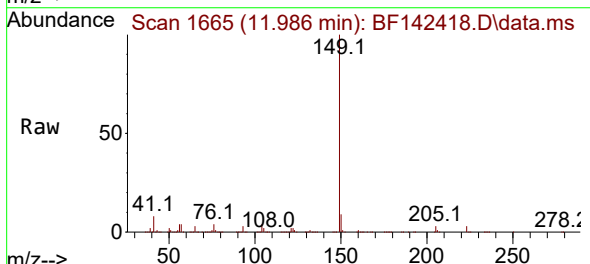
Tgt Ion:167 Resp: 121503
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.2 25.8
 139 12.8 10.3 15.5

Manual Integrations
 APPROVED

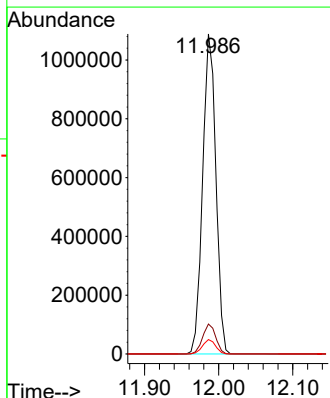
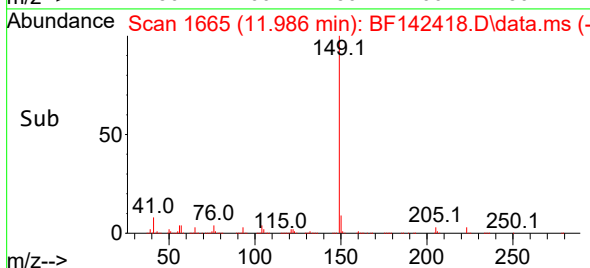
Reviewed By :Rahul Chavli 05/19/2025
 Supervised By :Jagrut Upadhyay 05/19/2025

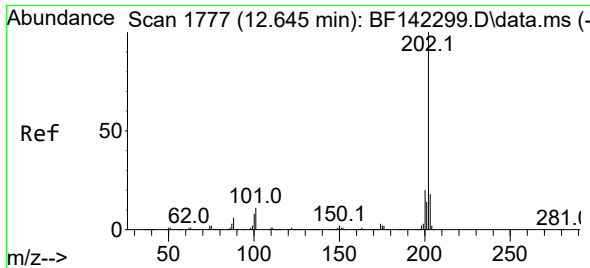


#74
 Di-n-butylphthalate
 Concen: 43.581 ng
 RT: 11.986 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF142418.D
 Acq: 16 May 2025 10:43



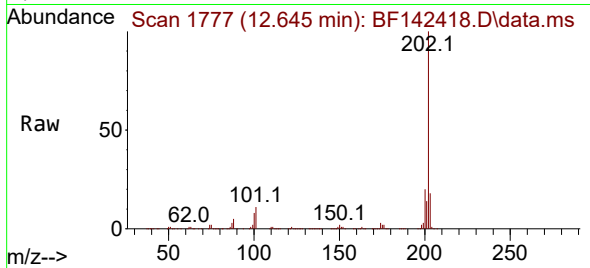
Tgt Ion:149 Resp: 1351382
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 4.5 3.6 5.4





#75
Fluoranthene
Concen: 40.066 ng
RT: 12.645 min Scan# 1777
Delta R.T. -0.000 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

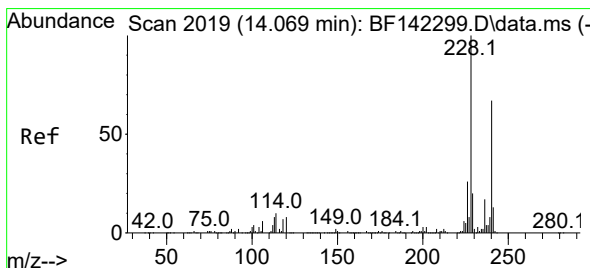
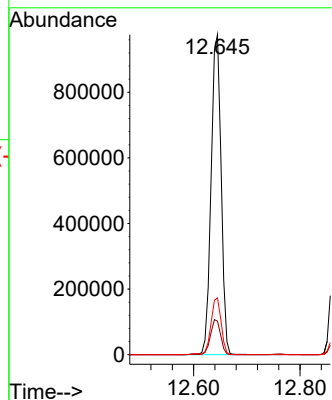
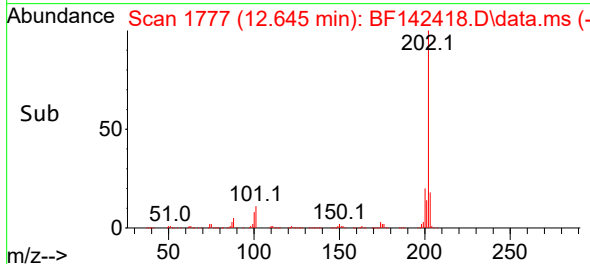
Instrument :
BNA_F
ClientSampleId :
PB168000BS



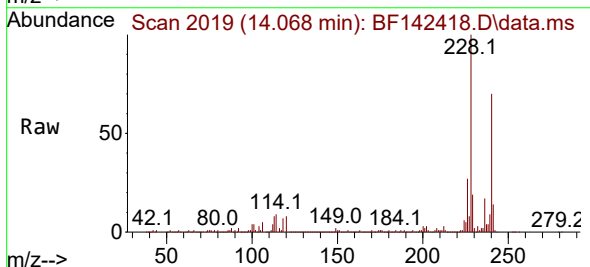
Tgt Ion:202 Resp: 1281209
Ion Ratio Lower Upper
202 100
101 10.5 0.0 31.4
203 17.8 0.0 37.9

Manual Integrations
APPROVED

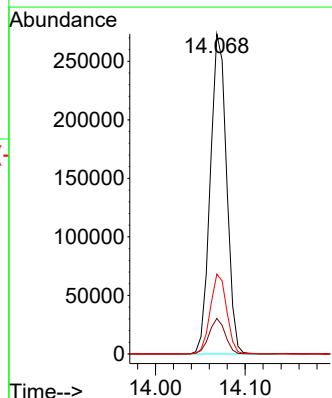
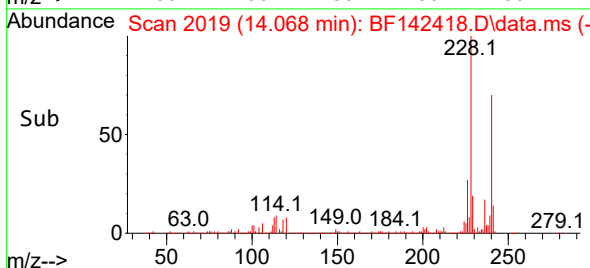
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

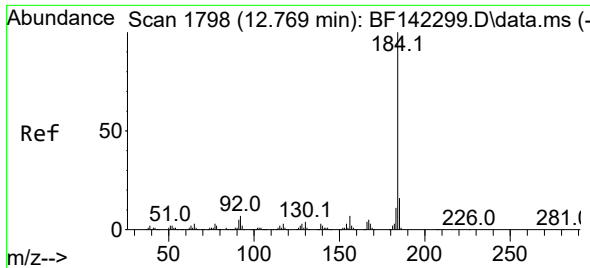


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43



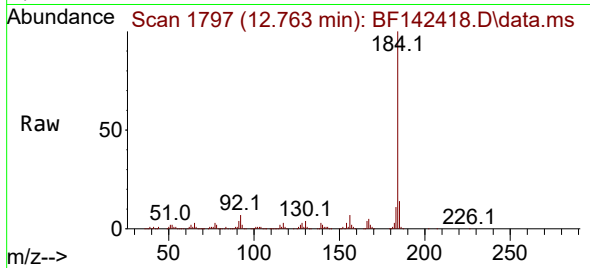
Tgt Ion:240 Resp: 344602
Ion Ratio Lower Upper
240 100
120 11.1 9.7 14.5
236 24.9 20.0 30.0





#77
Benzidine
Concen: 74.081 ng
RT: 12.763 min Scan# 1798
Delta R.T. -0.006 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

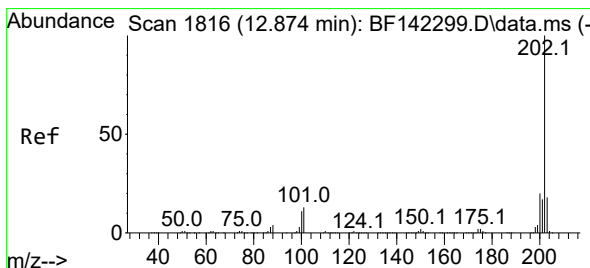
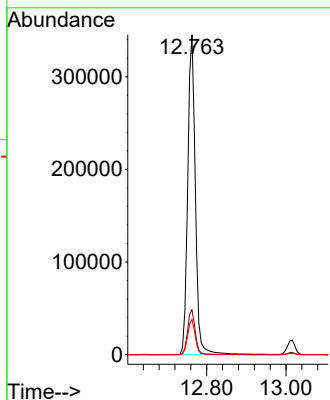
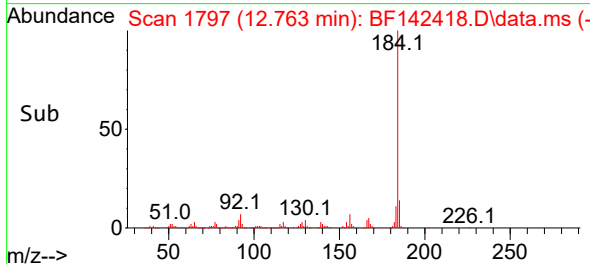
Instrument :
BNA_F
ClientSampleId :
PB168000BS



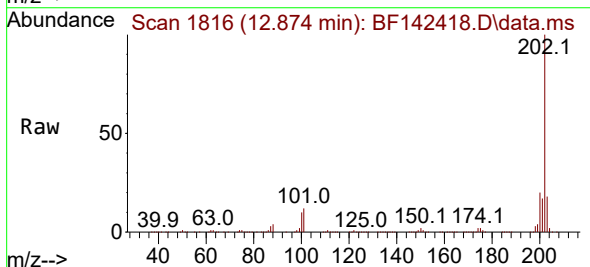
Tgt Ion:184 Resp: 463920
Ion Ratio Lower Upper
184 100
185 14.0 12.6 18.8
183 11.0 8.6 12.8

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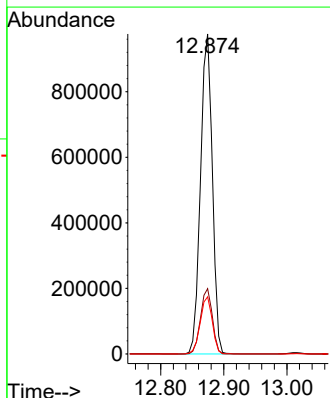
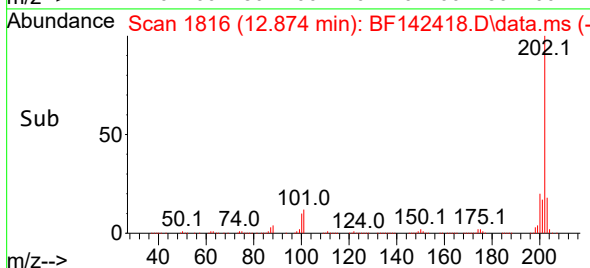
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

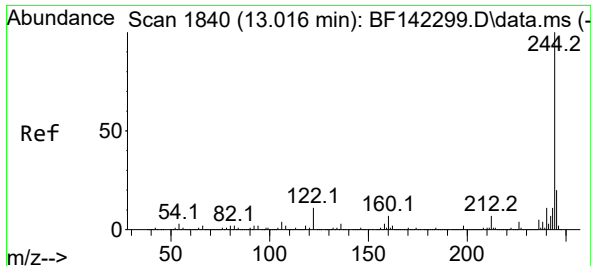


#78
Pyrene
Concen: 41.327 ng
RT: 12.874 min Scan# 1816
Delta R.T. -0.000 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43



Tgt Ion:202 Resp: 1267609
Ion Ratio Lower Upper
202 100
200 20.4 16.2 24.4
203 17.9 14.3 21.5





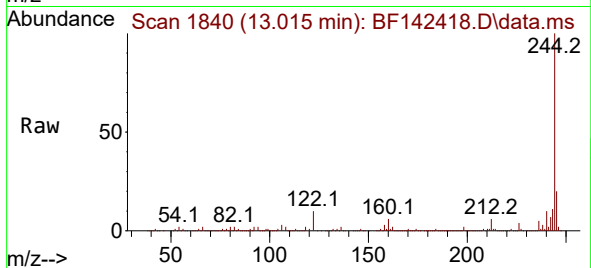
#79
 Terphenyl-d14
 Concen: 74.418 ng
 RT: 13.015 min Scan# 1840
 Delta R.T. -0.000 min
 Lab File: BF142418.D
 Acq: 16 May 2025 10:43

Instrument :

BNA_F

ClientSampleId :

PB168000BS



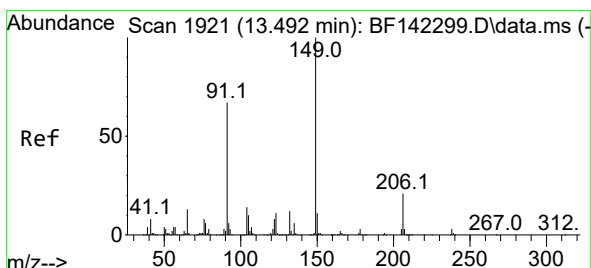
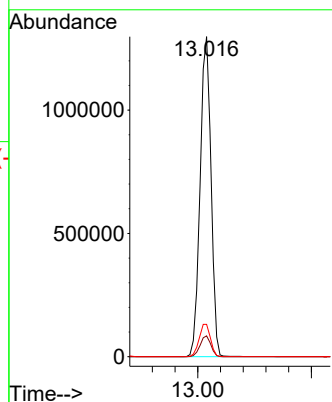
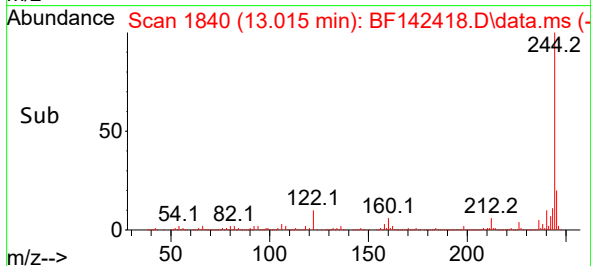
Tgt Ion:244 Resp: 1732629
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.2
 122 10.1 9.0 13.4

Manual Integrations

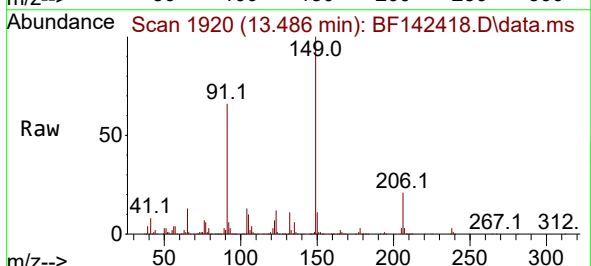
APPROVED

Reviewed By :Rahul Chavli 05/19/2025

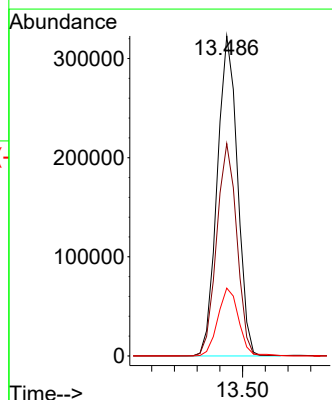
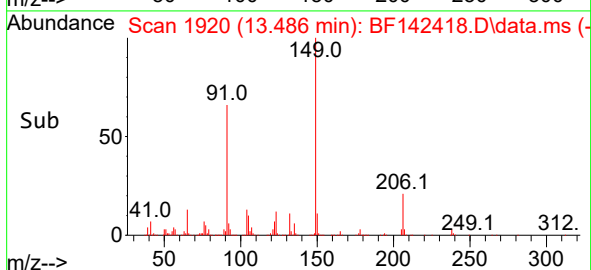
Supervised By :Jagrut Upadhyay 05/19/2025

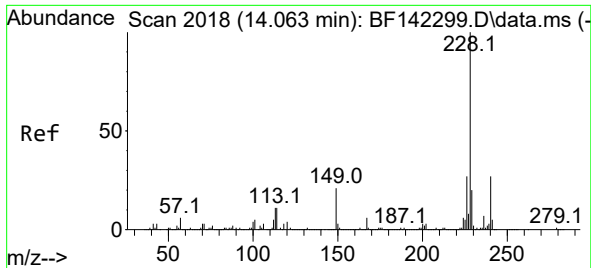


#80
 Butylbenzylphthalate
 Concen: 44.936 ng
 RT: 13.486 min Scan# 1920
 Delta R.T. -0.006 min
 Lab File: BF142418.D
 Acq: 16 May 2025 10:43



Tgt Ion:149 Resp: 399980
 Ion Ratio Lower Upper
 149 100
 91 66.3 53.8 80.6
 206 21.2 16.6 24.8





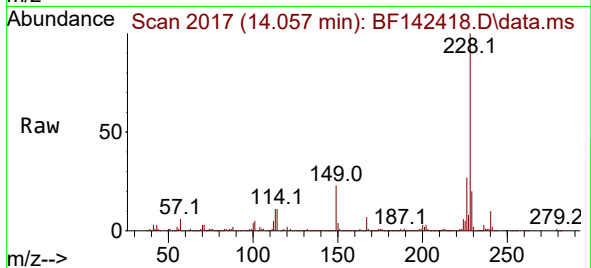
#81
Benzo(a)anthracene
Concen: 43.048 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

Instrument :

BNA_F

ClientSampleId :

PB168000BS

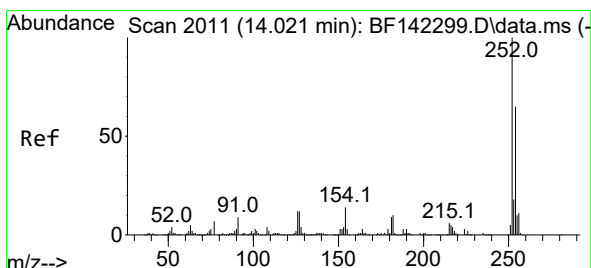
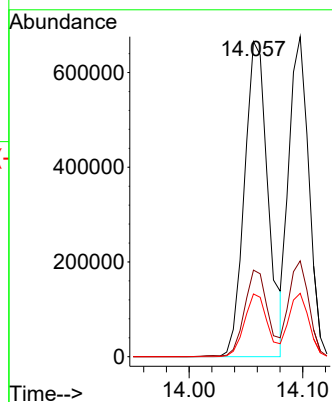
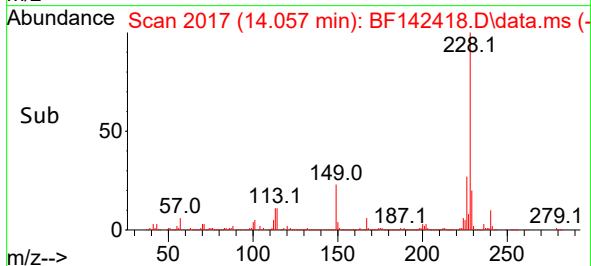


Tgt Ion:228 Resp: 96070
Ion Ratio Lower Upper
228 100
226 27.5 21.5 32.3
229 19.9 15.9 23.9

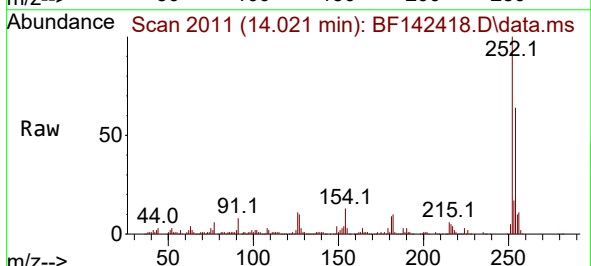
Manual Integrations

APPROVED

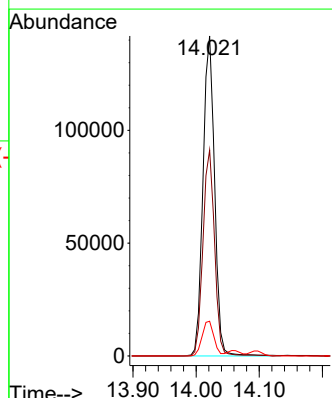
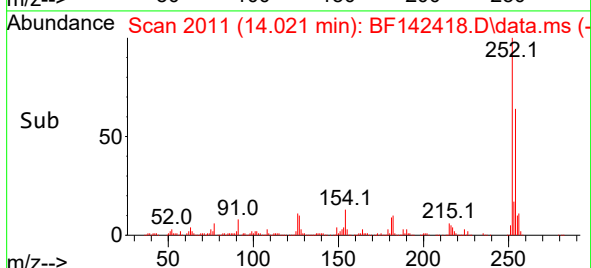
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

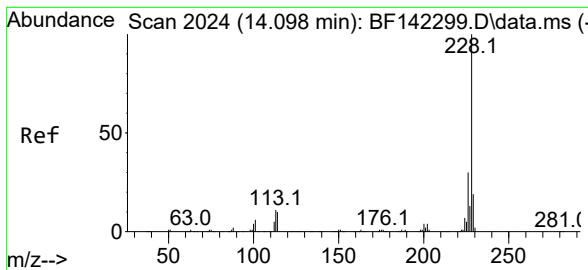


#82
3,3'-Dichlorobenzidine
Concen: 34.893 ng
RT: 14.021 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43



Tgt Ion:252 Resp: 181087
Ion Ratio Lower Upper
252 100
254 64.4 52.0 78.0
126 10.8 9.7 14.5





#83

Chrysene

Concen: 39.580 ng

RT: 14.098 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF142418.D

Acq: 16 May 2025 10:43

Instrument :

BNA_F

ClientSampleId :

PB168000BS

Tgt Ion:228 Resp: 822280

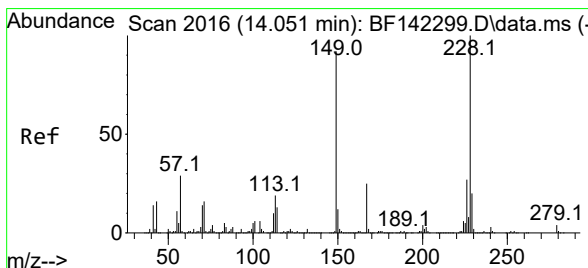
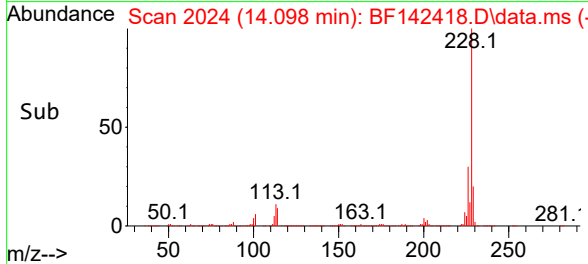
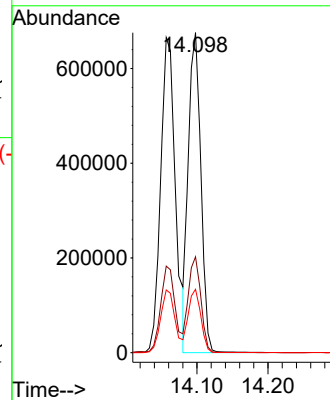
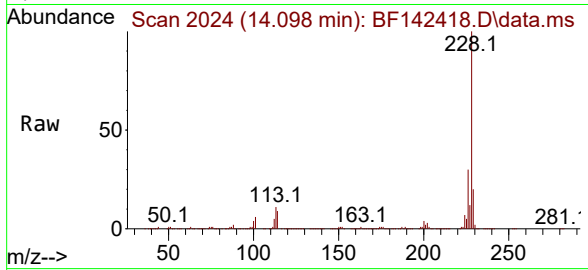
Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.9	35.9
229	19.8	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/19/2025

Supervised By :Jagrut Upadhyay 05/19/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.761 ng

RT: 14.045 min Scan# 2015

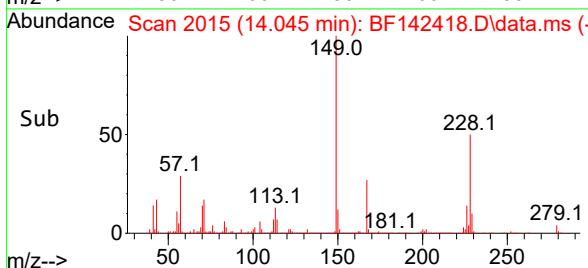
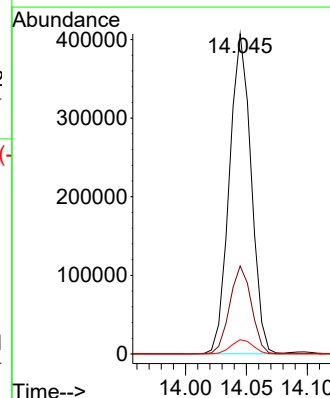
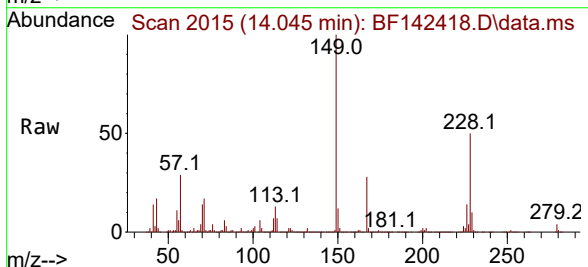
Delta R.T. -0.006 min

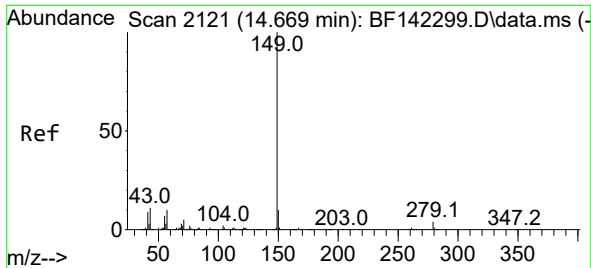
Lab File: BF142418.D

Acq: 16 May 2025 10:43

Tgt Ion:149 Resp: 505347

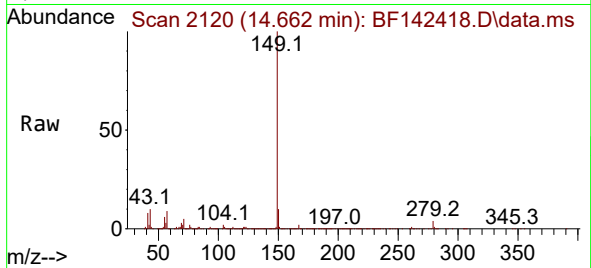
Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.0	33.0
279	4.5	3.0	4.6





#85
Di-n-octyl phthalate
Concen: 45.133 ng
RT: 14.662 min Scan# 2121
Delta R.T. -0.007 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

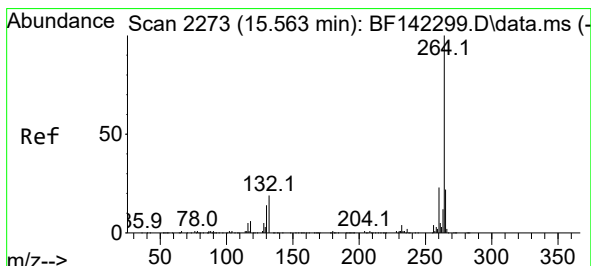
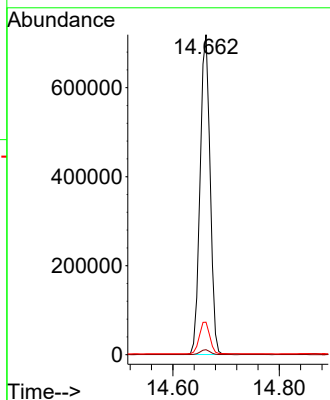
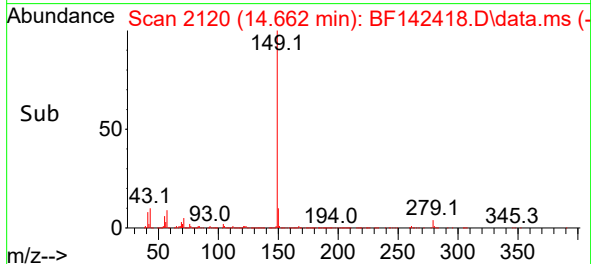
Instrument :
BNA_F
ClientSampleId :
PB168000BS



Tgt Ion:149 Resp: 936824
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 10.3 9.2 13.8

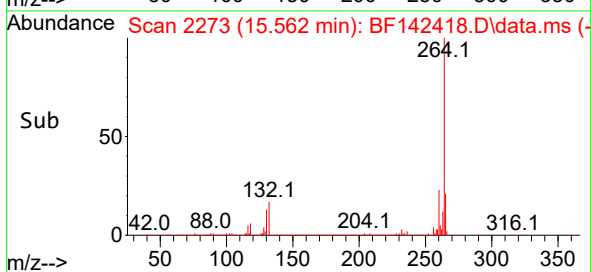
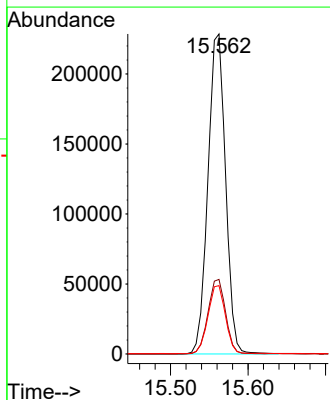
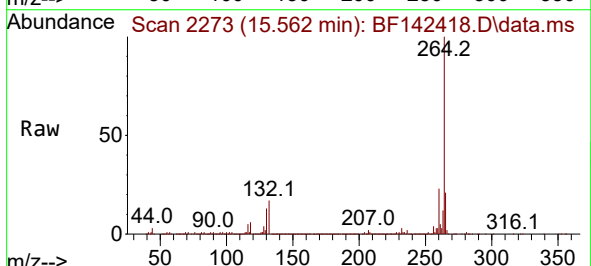
Manual Integrations
APPROVED

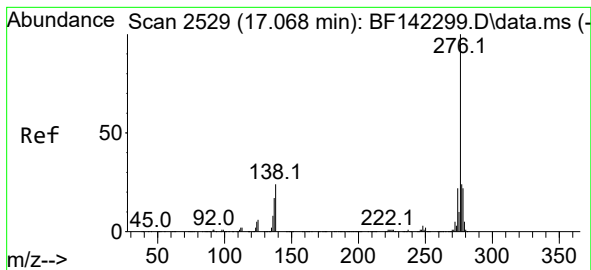
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

Tgt Ion:264 Resp: 361352
Ion Ratio Lower Upper
264 100
260 23.3 18.6 27.8
265 21.3 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.038 ng

RT: 17.074 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF142418.D

Acq: 16 May 2025 10:43

Instrument :

BNA_F

ClientSampleId :

PB168000BS

Tgt Ion:276 Resp: 105669

Ion Ratio Lower Upper

276 100

138 25.9 22.0 33.0

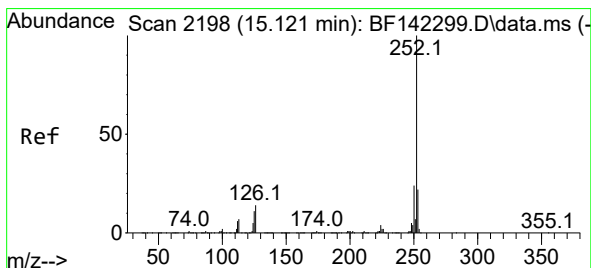
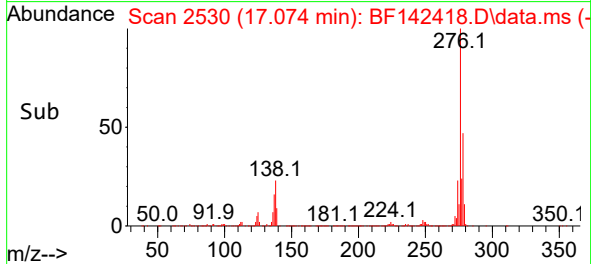
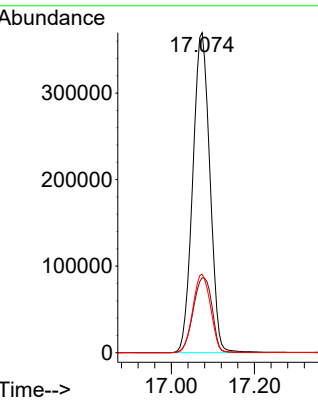
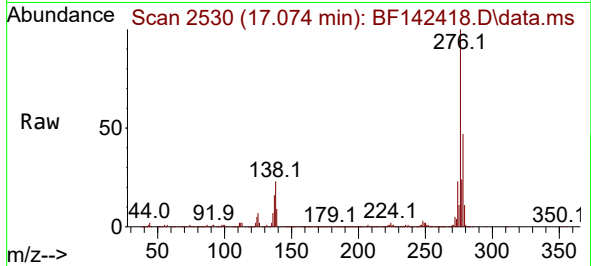
277 25.5 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/19/2025

Supervised By :Jagrut Upadhyay 05/19/2025



#88

Benzo(b)fluoranthene

Concen: 43.114 ng

RT: 15.121 min Scan# 2198

Delta R.T. -0.000 min

Lab File: BF142418.D

Acq: 16 May 2025 10:43

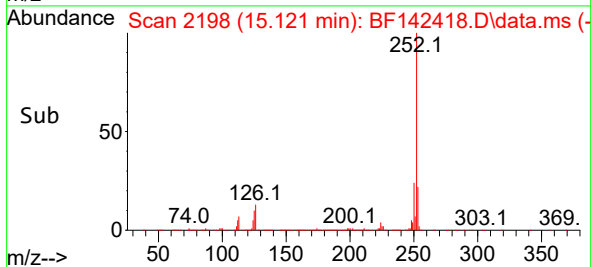
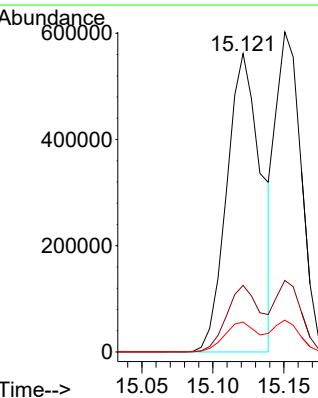
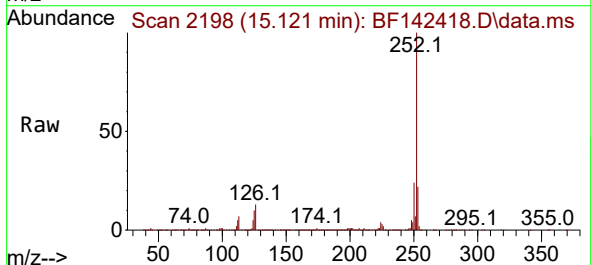
Tgt Ion:252 Resp: 943574

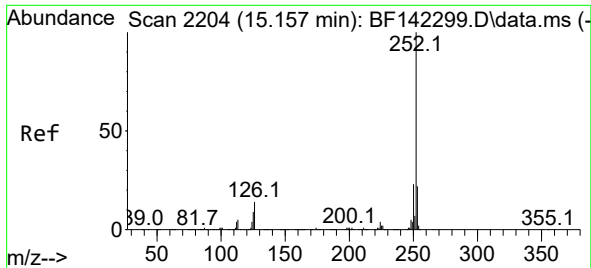
Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

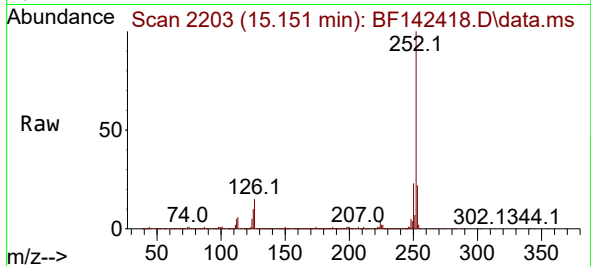
125 10.0 8.7 13.1





#89
Benzo(k)fluoranthene
Concen: 37.808 ng
RT: 15.151 min Scan# 2204
Delta R.T. -0.006 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

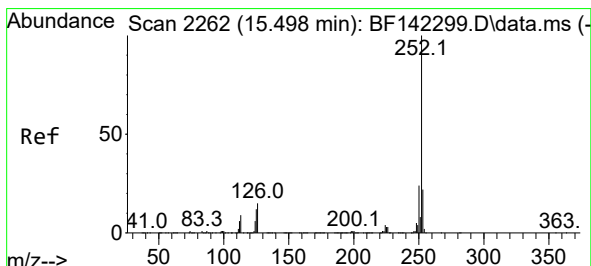
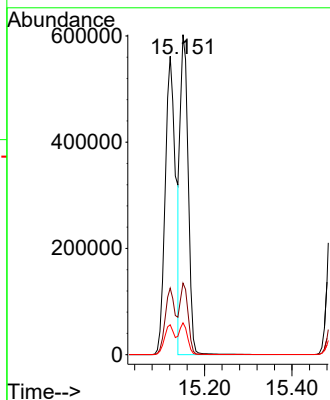
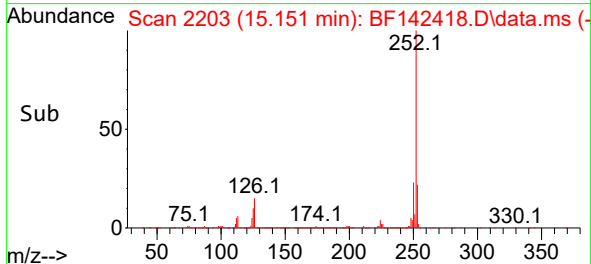
Instrument :
BNA_F
ClientSampleId :
PB168000BS



Tgt Ion:252 Resp: 757229
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 10.0 8.1 12.1

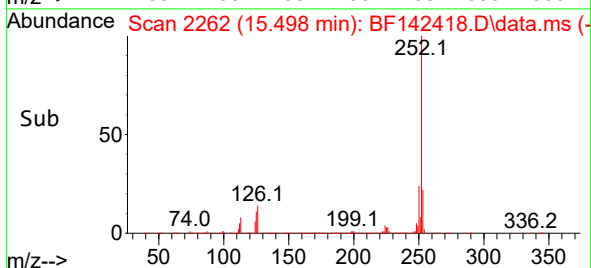
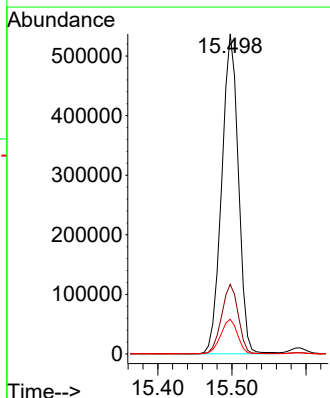
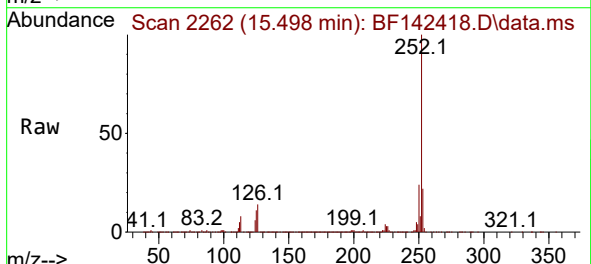
Manual Integrations
APPROVED

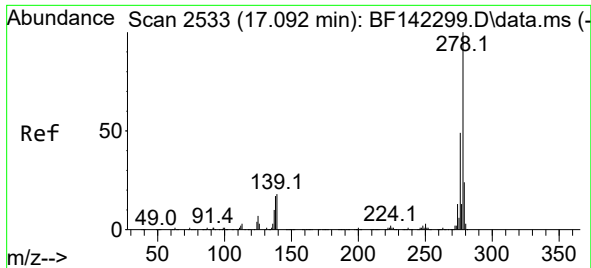
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025



#90
Benzo(a)pyrene
Concen: 42.741 ng
RT: 15.498 min Scan# 2262
Delta R.T. -0.000 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

Tgt Ion:252 Resp: 838232
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.6
125 10.9 9.4 14.0





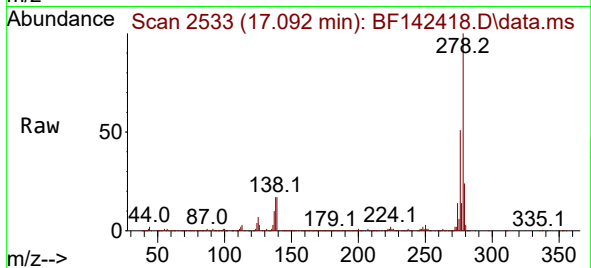
#91
Dibenzo(a,h)anthracene
Concen: 41.468 ng
RT: 17.092 min Scan# 2533
Delta R.T. -0.000 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

Instrument :

BNA_F

ClientSampleId :

PB168000BS



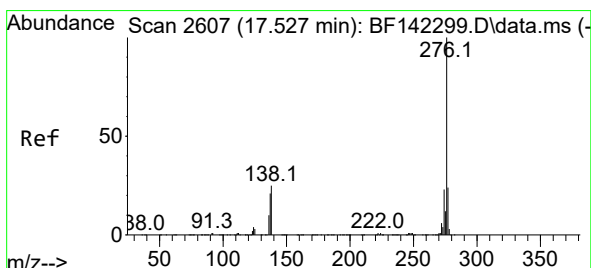
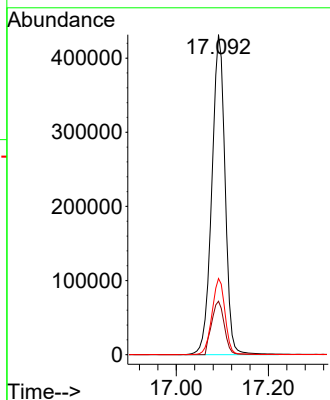
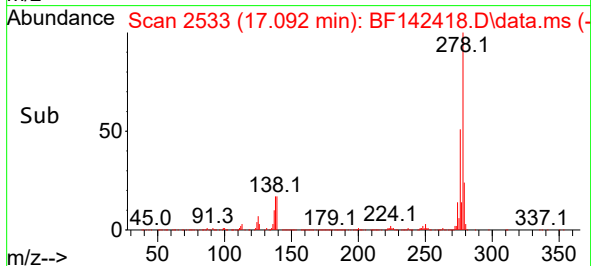
Tgt Ion:278 Resp: 861169
Ion Ratio Lower Upper
278 100
139 16.7 14.5 21.7
279 23.8 18.9 28.3

Manual Integrations

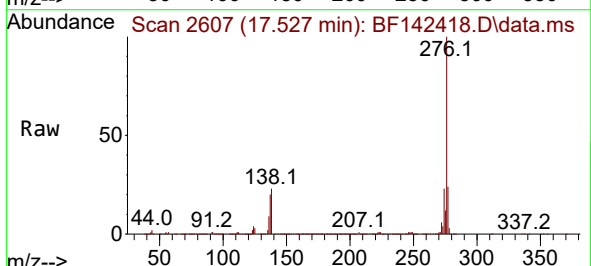
APPROVED

Reviewed By :Rahul Chavli 05/19/2025

Supervised By :Jagrut Upadhyay 05/19/2025



#92
Benzo(g,h,i)perylene
Concen: 41.192 ng
RT: 17.527 min Scan# 2607
Delta R.T. -0.000 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43



Tgt Ion:276 Resp: 849011
Ion Ratio Lower Upper
276 100
277 23.9 19.0 28.6
138 22.8 19.8 29.6

