

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052325\
 Data File : BF142535.D
 Acq On : 23 May 2025 15:07
 Operator : RC/JU
 Sample : Q2097-03MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR200044MSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/27/2025
 Supervised By :Jagrut Upadhyay 05/27/2025

Quant Time: May 23 15:40:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	110068	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	419996	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	219379	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	343496	20.000	ng	0.00
76) Chrysene-d12	14.068	240	198698	20.000	ng	0.00
86) Perylene-d12	15.562	264	216151	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	543529	83.195	ng	0.00
7) Phenol-d6	6.522	99	674801	85.805	ng	-0.01
23) Nitrobenzene-d5	7.457	82	402460	52.252	ng	-0.02
42) 2,4,6-Tribromophenol	10.733	330	217096	89.163	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	845833	51.737	ng	-0.01
79) Terphenyl-d14	13.010	244	732883	50.404	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.740	88	93442	35.742	ng	99
3) Pyridine	3.499	79	256606	38.544	ng	98
4) n-Nitrosodimethylamine	3.451	42	143244	41.440	ng	94
6) Aniline	6.557	93	344545	32.583	ng	100
8) 2-Chlorophenol	6.681	128	299473	42.084	ng	99
9) Benzaldehyde	6.445	77	180135	38.082	ng	98
10) Phenol	6.534	94	373505	42.208	ng	99
11) bis(2-Chloroethyl)ether	6.628	93	263673	41.394	ng	99
12) 1,3-Dichlorobenzene	6.840	146	318919	40.164	ng	99
13) 1,4-Dichlorobenzene	6.916	146	323908	40.496	ng	99
14) 1,2-Dichlorobenzene	7.069	146	313884	41.012	ng	99
15) Benzyl Alcohol	7.034	79	240046	41.303	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	437815	40.928	ng	100
17) 2-Methylphenol	7.145	107	231936	41.746	ng	99
18) Hexachloroethane	7.410	117	113182	40.524	ng	99
19) n-Nitroso-di-n-propyla...	7.310	70	191639	39.319	ng	98
20) 3+4-Methylphenols	7.298	107	290992	40.900	ng	96
22) Acetophenone	7.304	105	385053	41.415	ng	98
24) Nitrobenzene	7.481	77	289274	41.642	ng	100
25) Isophorone	7.716	82	527349	40.951	ng	99
26) 2-Nitrophenol	7.792	139	161790	43.587	ng	99
27) 2,4-Dimethylphenol	7.828	122	278705	42.577	ng	100
28) bis(2-Chloroethoxy)met...	7.928	93	328431	40.827	ng	99
29) 2,4-Dichlorophenol	8.034	162	249687	41.943	ng	100
30) 1,2,4-Trichlorobenzene	8.122	180	267217	41.361	ng	98
31) Naphthalene	8.204	128	858484	41.512	ng	100
32) Benzoic acid	7.945	122	187756	47.119	ng	98
33) 4-Chloroaniline	8.245	127	159218	19.000	ng	99
34) Hexachlorobutadiene	8.322	225	165421	41.006	ng	99
35) Caprolactam	8.616	113	79488m	47.542	ng	
36) 4-Chloro-3-methylphenol	8.728	107	258188	42.320	ng	100
37) 2-Methylnaphthalene	8.892	142	525947	40.425	ng	99
38) 1-Methylnaphthalene	8.992	142	546081	40.577	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	263980	41.919	ng	98
41) Hexachlorocyclopentadiene	9.045	237	359792	84.693	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	180364	42.474	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	194931	43.526	ng	99
46) 1,1'-Biphenyl	9.357	154	720742	42.347	ng	99
47) 2-Chloronaphthalene	9.386	162	526527	41.871	ng	98
48) 2-Nitroaniline	9.475	65	159351	43.842	ng	99
49) Acenaphthylene	9.798	152	884649	41.663	ng	100
50) Dimethylphthalate	9.657	163	621894	42.962	ng	100
51) 2,6-Dinitrotoluene	9.722	165	136260	43.614	ng	97
52) Acenaphthene	9.975	154	596010	45.968	ng	98
53) 3-Nitroaniline	9.886	138	101615	29.778	ng	97
54) 2,4-Dinitrophenol	9.998	184	161194	99.866	ng	93
55) Dibenzofuran	10.145	168	772348	41.395	ng	100
56) 4-Nitrophenol	10.045	139	232210	92.226	ng	98
57) 2,4-Dinitrotoluene	10.122	165	186323	45.666	ng	99
58) Fluorene	10.486	166	584961	40.582	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	156186m	41.775	ng	
60) Diethylphthalate	10.363	149	602922	42.647	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	283167	39.990	ng	99
62) 4-Nitroaniline	10.504	138	135463	43.770	ng	99
63) Azobenzene	10.639	77	602872	47.478	ng	98
65) 4,6-Dinitro-2-methylph...	10.533	198	99910	52.119	ng	97
66) n-Nitrosodiphenylamine	10.598	169	514992	43.823	ng	99
67) 4-Bromophenyl-phenylether	10.975	248	172489	42.468	ng	98
68) Hexachlorobenzene	11.039	284	188464	41.953	ng	99
69) Atrazine	11.127	200	155387	49.789	ng	98
70) Pentachlorophenol	11.233	266	224219	88.406	ng	100
71) Phenanthrene	11.457	178	772583	42.086	ng	99
72) Anthracene	11.504	178	788285	42.076	ng	99
73) Carbazole	11.657	167	699831	43.695	ng	98
74) Di-n-butylphthalate	11.986	149	818130	46.667	ng	99
75) Fluoranthene	12.645	202	748813	43.655	ng	99
77) Benzidine	12.763	184	361186	48.848	ng	99
78) Pyrene	12.874	202	738637	39.849	ng	100
80) Butylbenzylphthalate	13.486	149	265770	51.891	ng	100
81) Benzo(a)anthracene	14.057	228	585521	44.130	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	97220	24.158	ng	100
83) Chrysene	14.098	228	489364	41.046	ng	100
84) Bis(2-ethylhexyl)phtha...	14.045	149	327239	49.910	ng	99
85) Di-n-octyl phthalate	14.657	149	526860	41.096	ng	100
87) Indeno(1,2,3-cd)pyrene	17.074	276	667942	41.162	ng	99
88) Benzo(b)fluoranthene	15.121	252	512777	40.083	ng	98
89) Benzo(k)fluoranthene	15.151	252	528247	44.087	ng	99
90) Benzo(a)pyrene	15.498	252	517897	42.949	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	543744	41.314	ng	99
92) Benzo(g,h,i)perylene	17.533	276	546081	41.483	ng	99

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

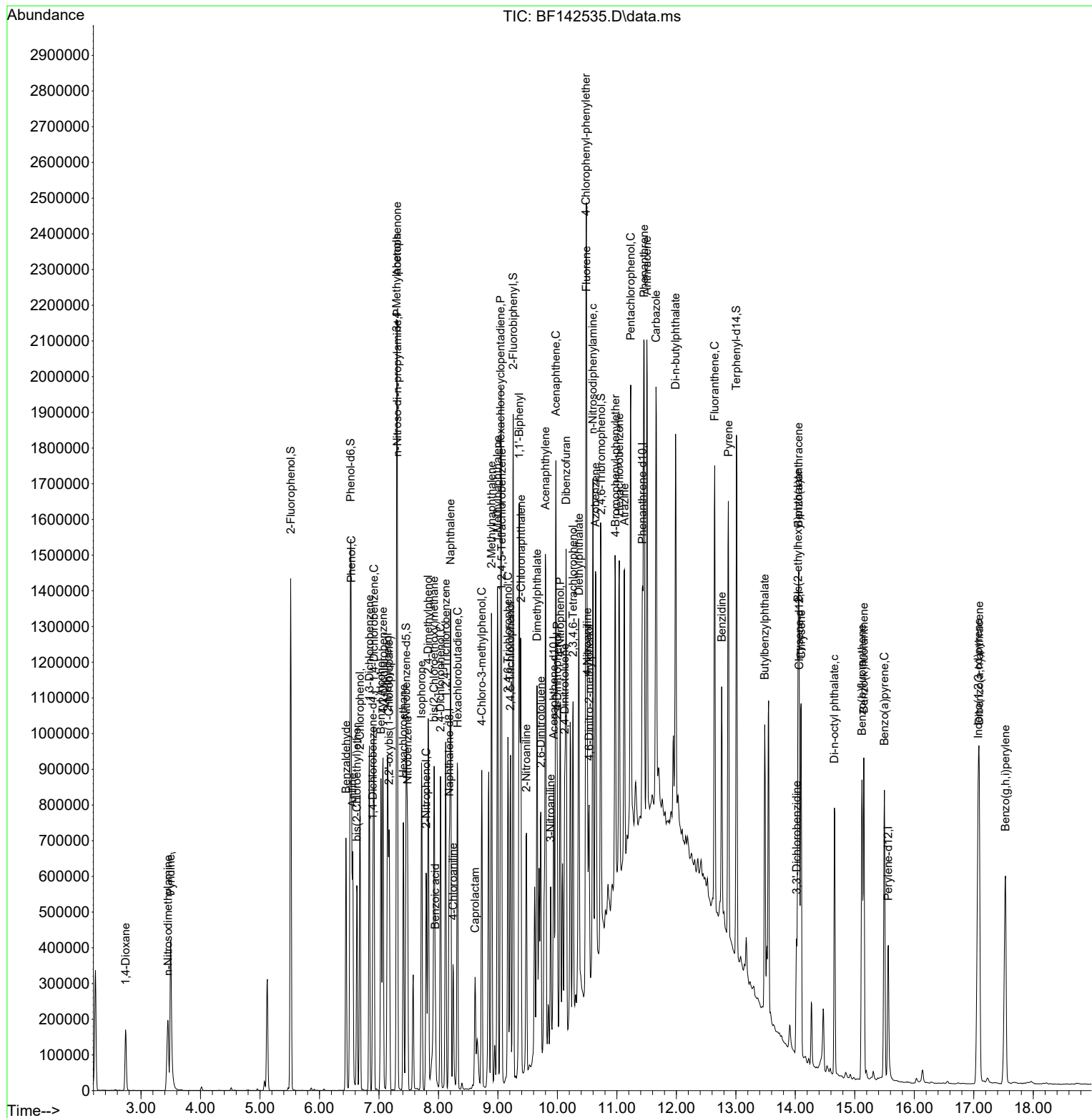
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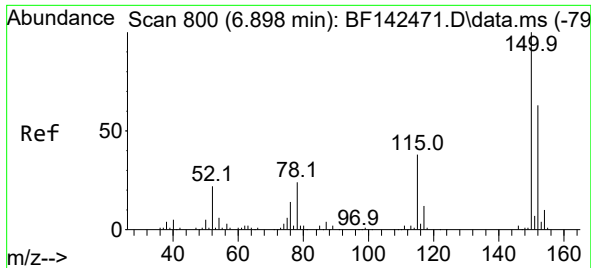
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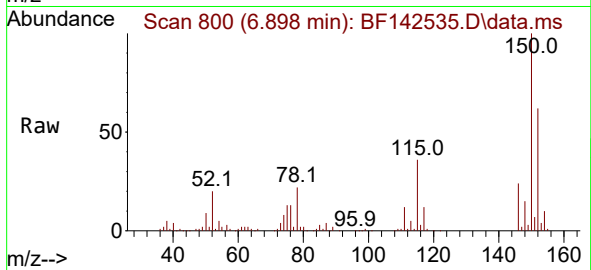
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

Instrument :

BNA_F

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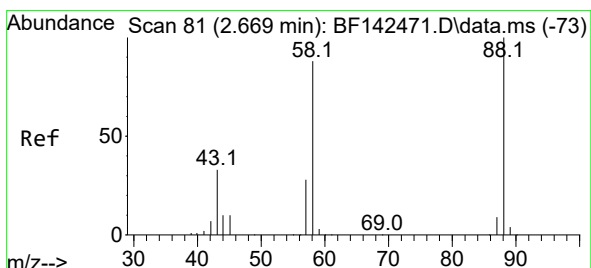
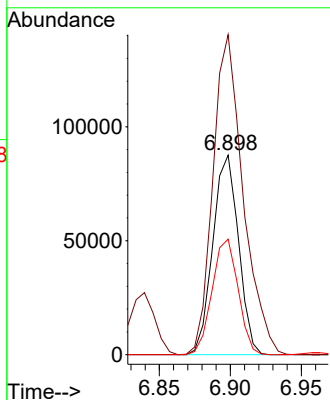
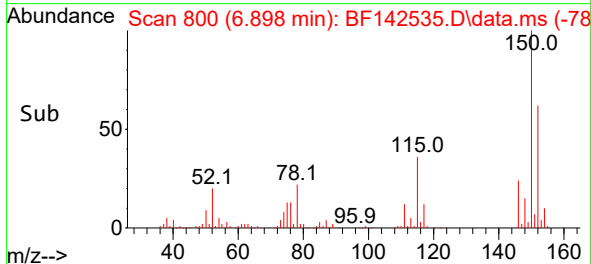
Tgt Ion:152 Resp: 11068
Ion Ratio Lower Upper
152 100
150 160.4 128.2 192.4
115 57.9 48.3 72.5

Manual Integrations

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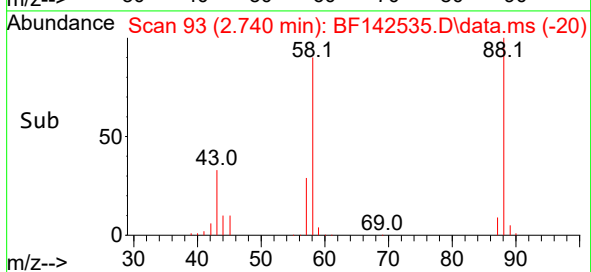
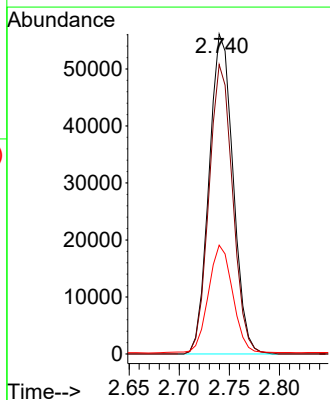
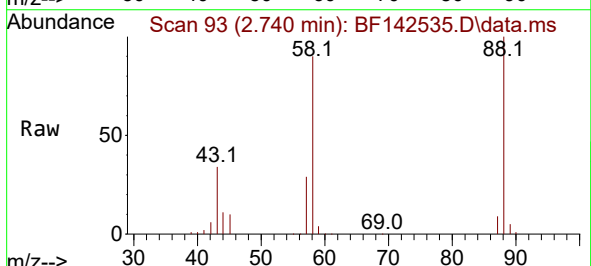
Reviewed By :Rahul Chavli 05/27/2025

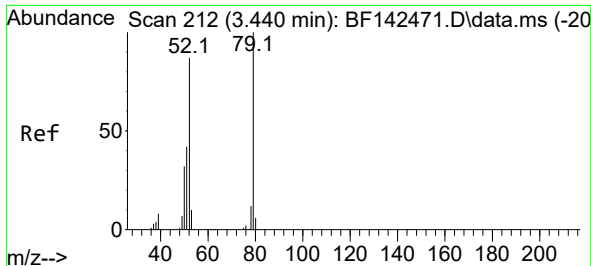
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#2
1,4-Dioxane
Concen: 35.742 ng
RT: 2.740 min Scan# 93
Delta R.T. 0.077 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

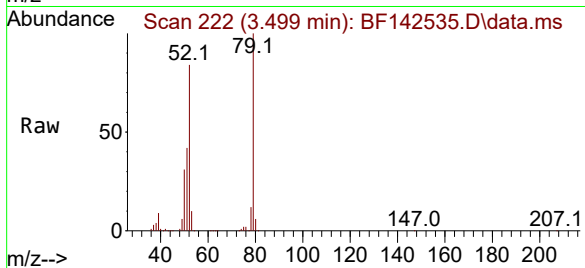
Tgt Ion: 88 Resp: 93442
Ion Ratio Lower Upper
88 100
58 89.2 70.8 106.2
43 34.4 26.6 40.0





#3
Pyridine
Concen: 38.544 ng
RT: 3.499 min Scan# 212
Delta R.T. 0.059 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

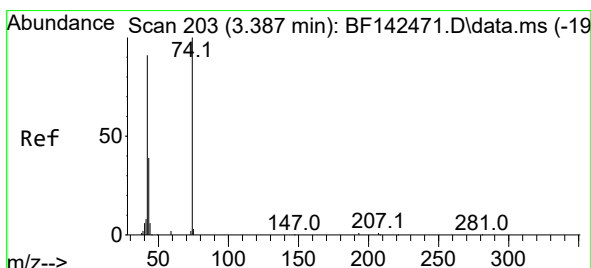
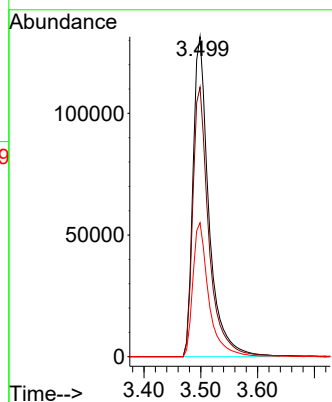
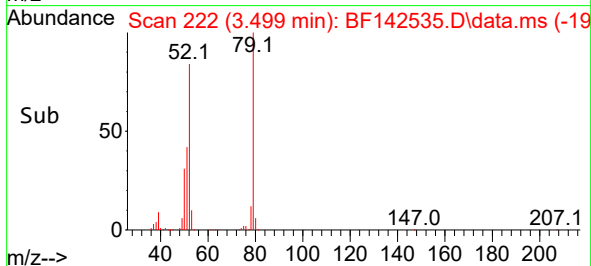
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ClientSampleId :
RBR200044MSD



Tgt Ion: 79 Resp: 256600
Ion Ratio Lower Upper
79 100
52 84.2 69.2 103.8
51 41.9 33.3 49.9

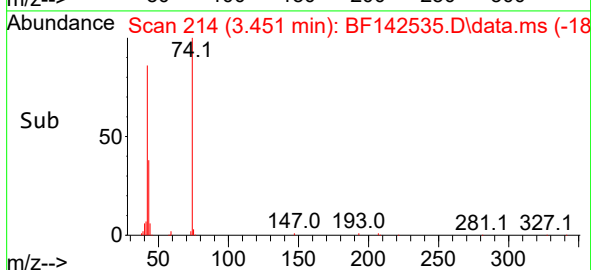
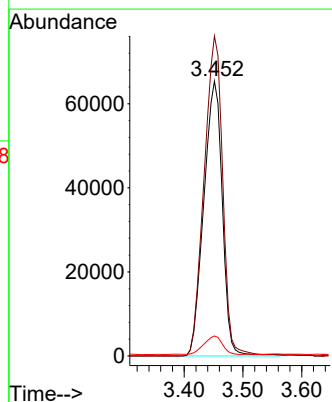
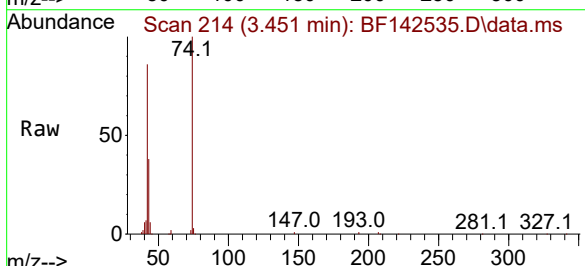
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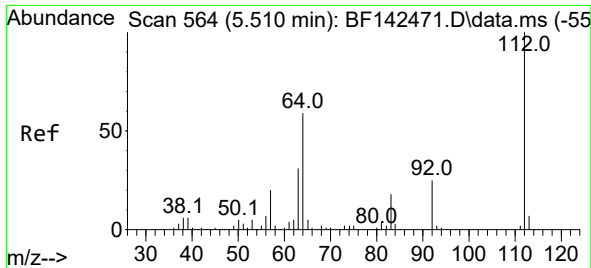
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Supervised By :Jagrut Upadhyay 05/27/2025



#4
n-Nitrosodimethylamine
Concen: 41.440 ng
RT: 3.451 min Scan# 214
Delta R.T. 0.047 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

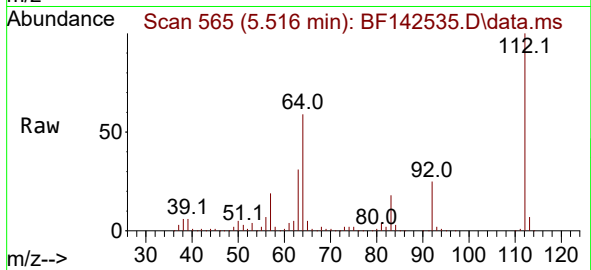
Tgt Ion: 42 Resp: 143244
Ion Ratio Lower Upper
42 100
74 116.4 88.2 132.4
44 7.3 5.4 8.2





#5
2-Fluorophenol
Concen: 83.195 ng
RT: 5.516 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

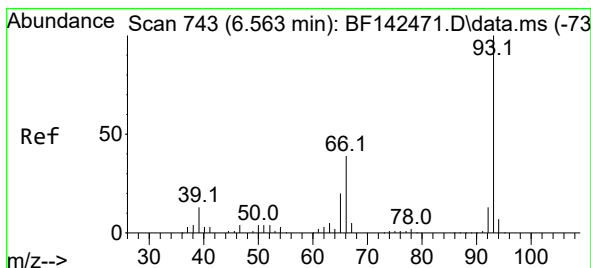
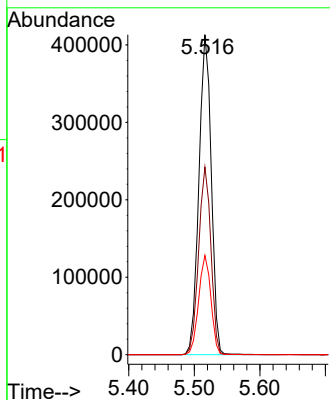
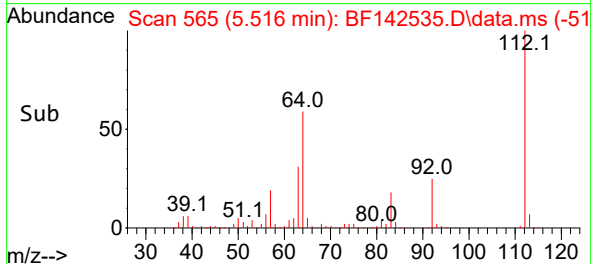
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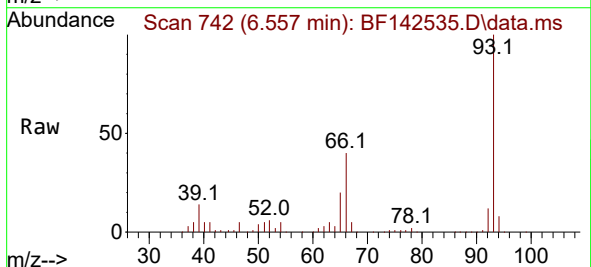
Tgt Ion: 112 Resp: 543529
Ion Ratio Lower Upper
112 100
64 58.6 47.5 71.3
63 31.0 24.9 37.3

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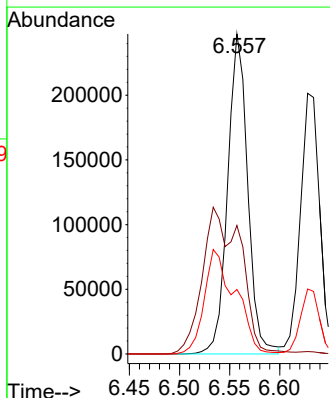
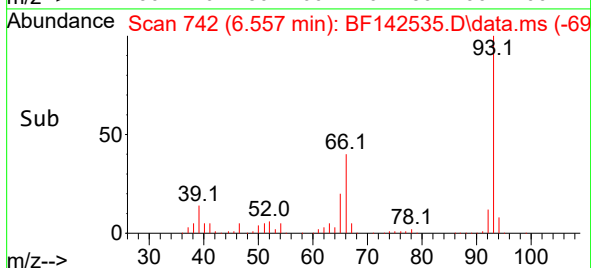
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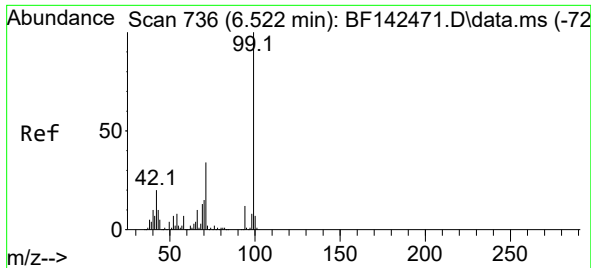


#6
Aniline
Concen: 32.583 ng
RT: 6.557 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07



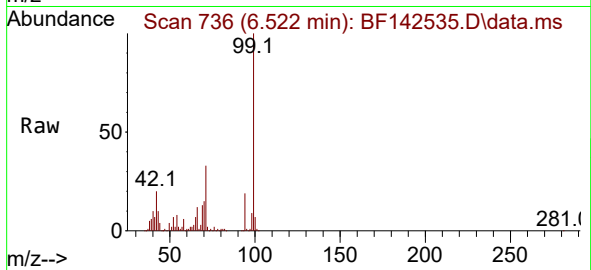
Tgt Ion: 93 Resp: 344545
Ion Ratio Lower Upper
93 100
66 40.2 32.0 48.0
65 20.2 16.1 24.1





#7
Phenol-d6
Concen: 85.805 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

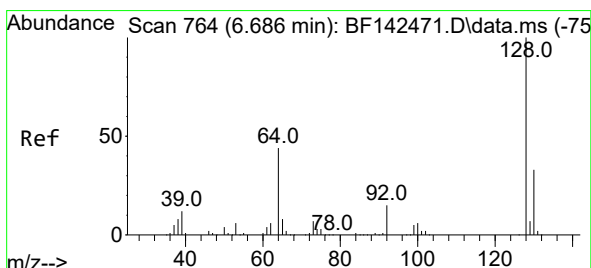
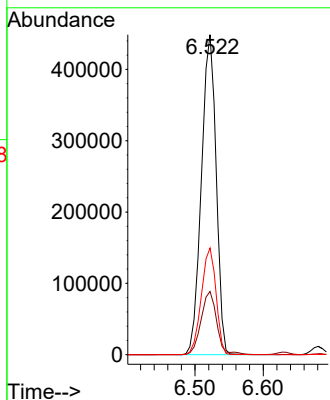
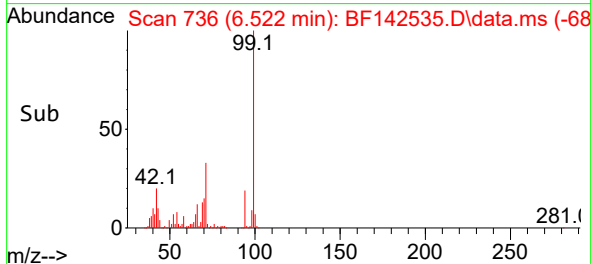
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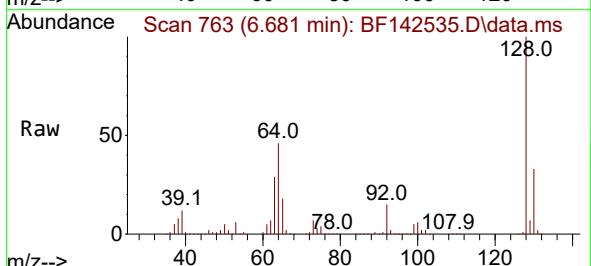
Tgt Ion: 99 Resp: 67480
Ion Ratio Lower Upper
99 100
42 19.8 16.2 24.2
71 33.4 27.3 40.9

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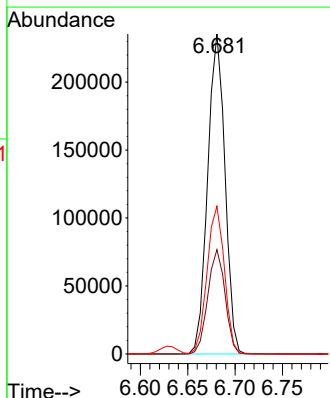
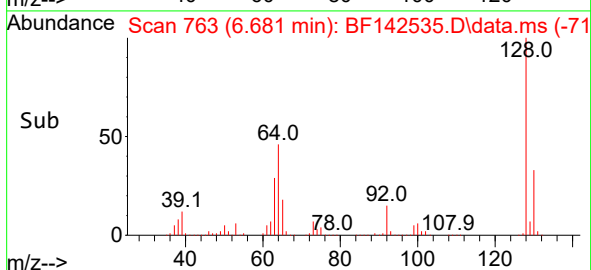
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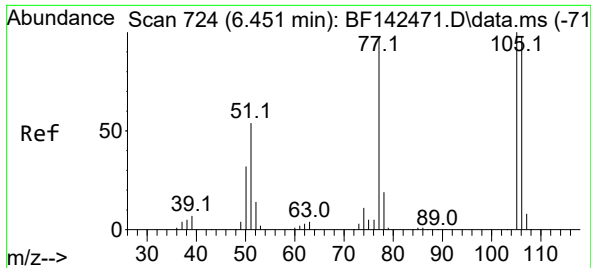


#8
2-Chlorophenol
Concen: 42.084 ng
RT: 6.681 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07



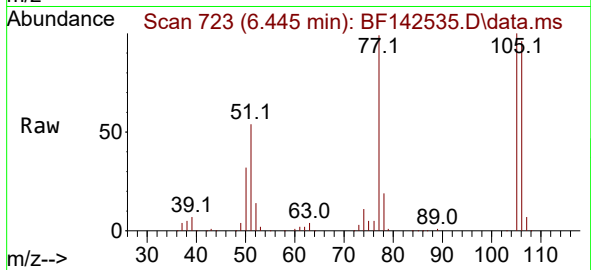
Tgt Ion:128 Resp: 299473
Ion Ratio Lower Upper
128 100
130 32.6 12.6 52.6
64 46.1 25.1 65.1





#9
Benzaldehyde
Concen: 38.082 ng
RT: 6.445 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142535.D
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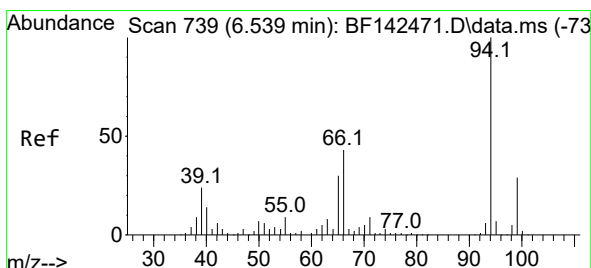
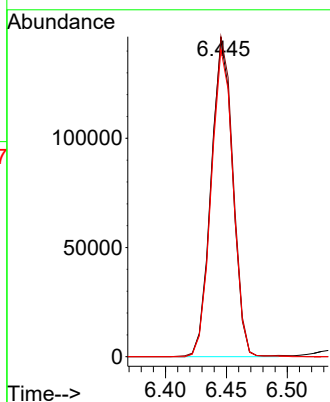
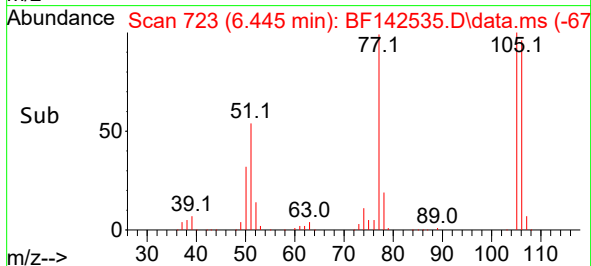
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Tgt Ion: 77 Resp: 180135
Ion Ratio Lower Upper
77 100
105 101.1 82.5 122.5
106 97.1 80.0 120.0

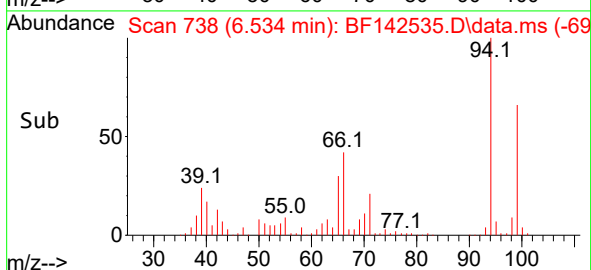
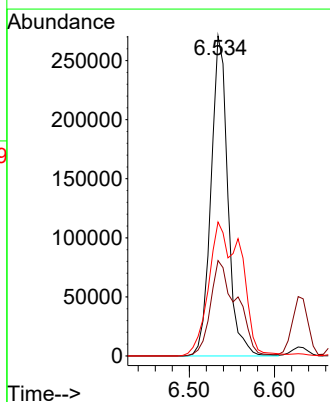
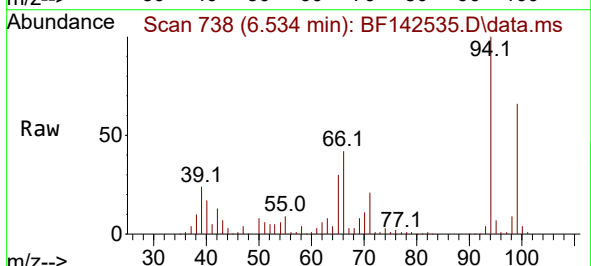
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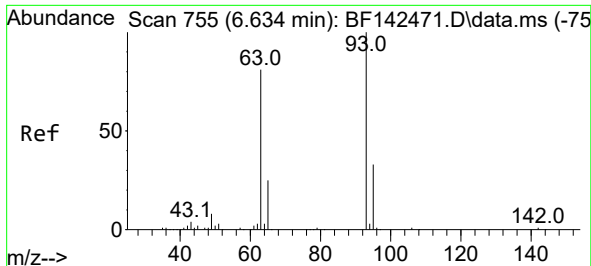
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#10
Phenol
Concen: 42.208 ng
RT: 6.534 min Scan# 738
Delta R.T. -0.018 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

Tgt Ion: 94 Resp: 373505
Ion Ratio Lower Upper
94 100
65 29.8 10.3 50.3
66 41.9 22.6 62.6





#11

bis(2-Chloroethyl)ether

Concen: 41.394 ng

RT: 6.628 min Scan# 755

Delta R.T. -0.012 min

Lab File: BF142535.D

Acq: 23 May 2025 15:07

Instrument :

BNA_F

ClientSampleId :

RBR200044MSD

Tgt Ion: 93 Resp: 26367

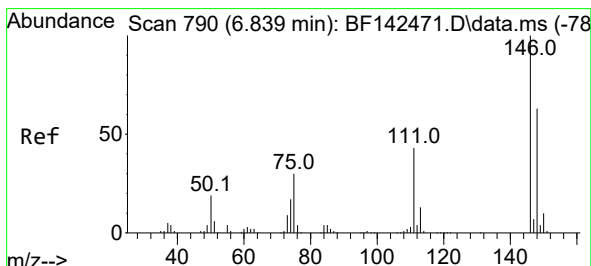
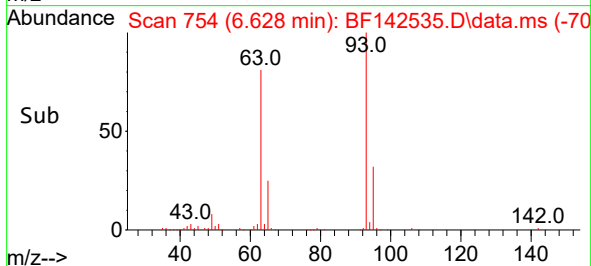
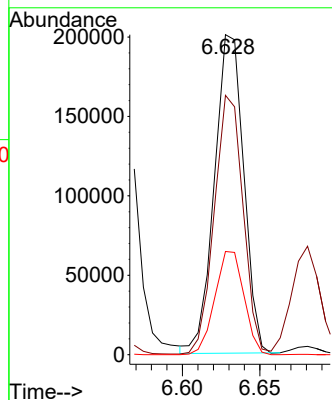
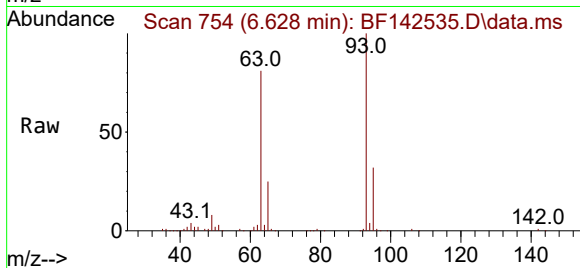
Ion	Ratio	Lower	Upper
93	100		
63	81.0	60.2	100.2
95	32.3	12.3	52.3

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Reviewed By :Rahul Chavli 05/27/2025

Supervised By :Jagrut Upadhyay 05/27/2025



#12

1,3-Dichlorobenzene

Concen: 40.164 ng

RT: 6.840 min Scan# 790

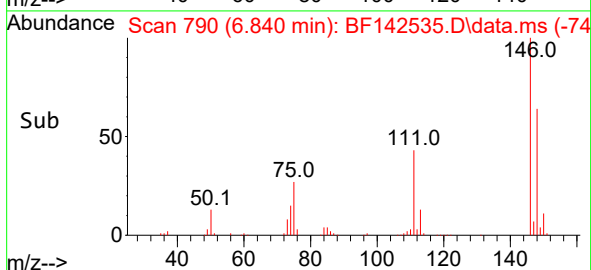
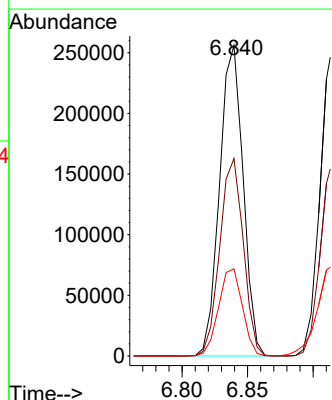
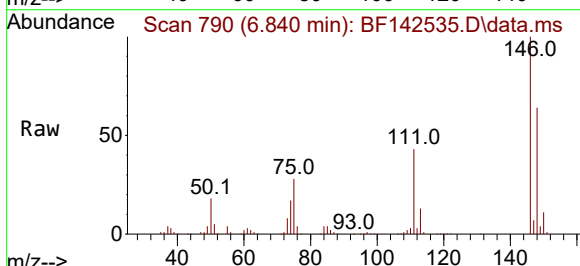
Delta R.T. -0.006 min

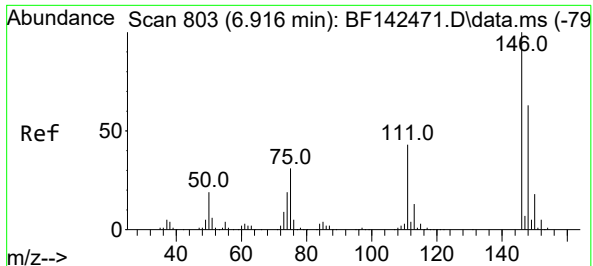
Lab File: BF142535.D

Acq: 23 May 2025 15:07

Tgt Ion:146 Resp: 318919

Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.6	75.8
75	28.0	23.8	35.6





#13

1,4-Dichlorobenzene

Concen: 40.496 ng

RT: 6.916 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF142535.D

Acq: 23 May 2025 15:07

Instrument :

BNA_F

ClientSampleId :

RBR200044MSD

Tgt Ion:146 Resp: 323908

Ion Ratio Lower Upper

146 100

148 62.9 50.4 75.6

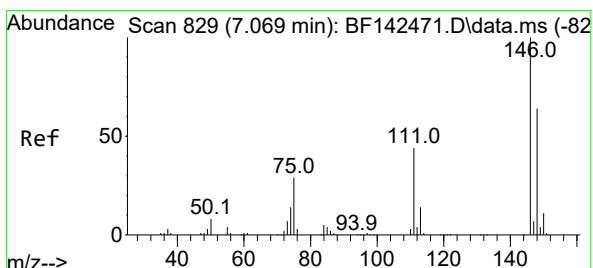
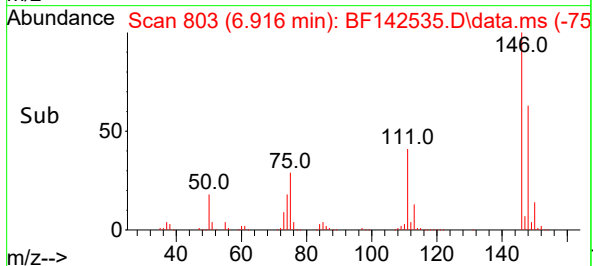
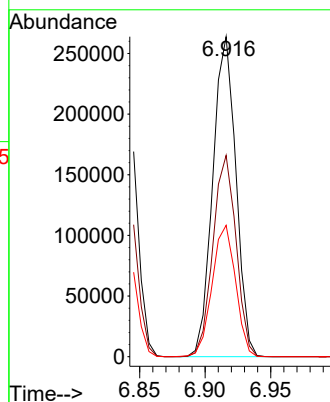
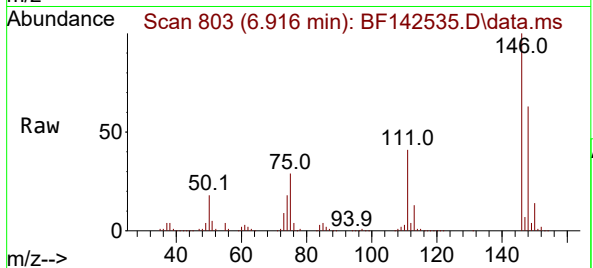
111 41.1 34.1 51.1

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Reviewed By :Rahul Chavli 05/27/2025

Supervised By :Jagrut Upadhyay 05/27/2025



#14

1,2-Dichlorobenzene

Concen: 41.012 ng

RT: 7.069 min Scan# 829

Delta R.T. -0.006 min

Lab File: BF142535.D

Acq: 23 May 2025 15:07

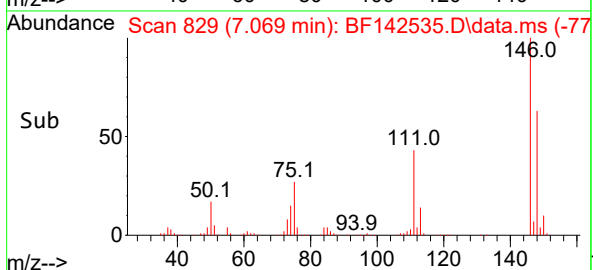
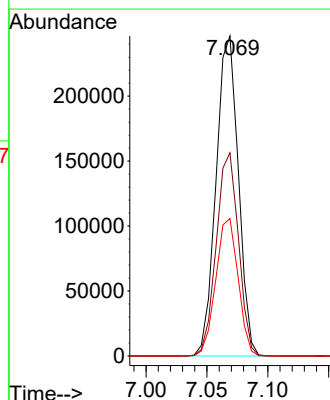
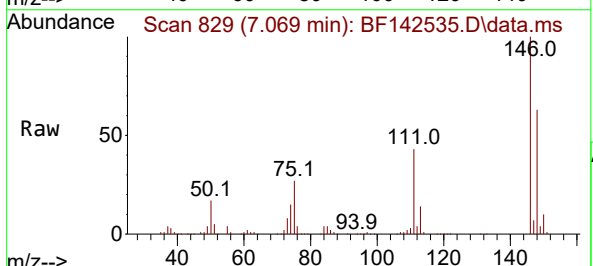
Tgt Ion:146 Resp: 313884

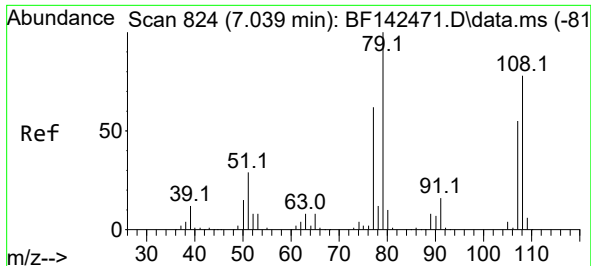
Ion Ratio Lower Upper

146 100

148 63.5 51.0 76.4

111 43.0 35.0 52.6





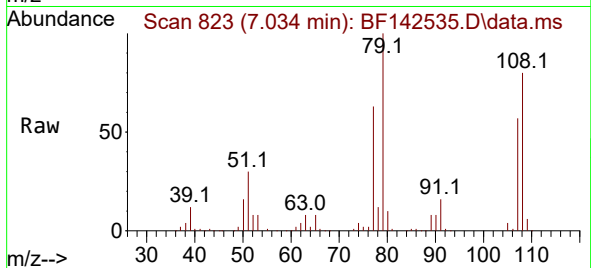
#15
Benzyl Alcohol
Concen: 41.303 ng
RT: 7.034 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

Instrument :

BNA_F

ClientSampleId :

RBR200044MSD



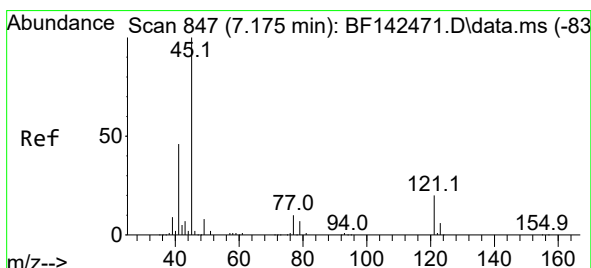
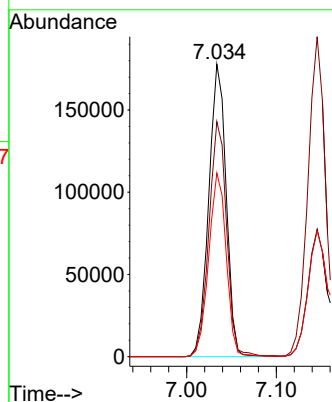
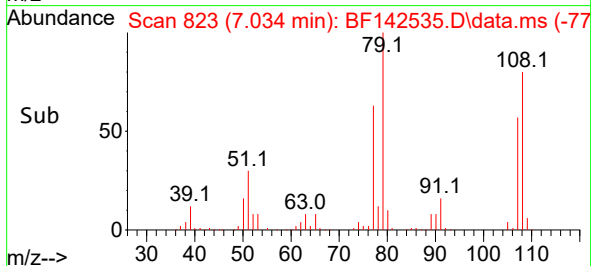
Tgt Ion: 79 Resp: 240040
Ion Ratio Lower Upper
79 100
108 80.4 62.1 93.1
77 62.8 49.5 74.3

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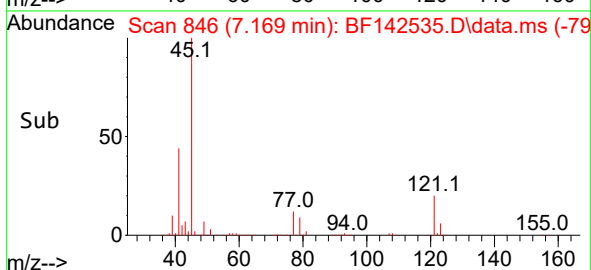
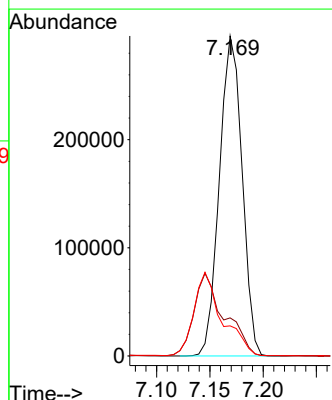
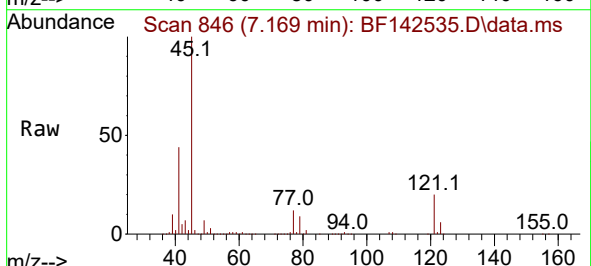
Reviewed By :Rahul Chavli 05/27/2025

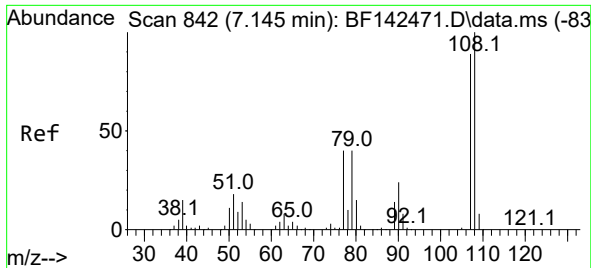
Supervised By :Jagrut Upadhyay 05/27/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.928 ng
RT: 7.169 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

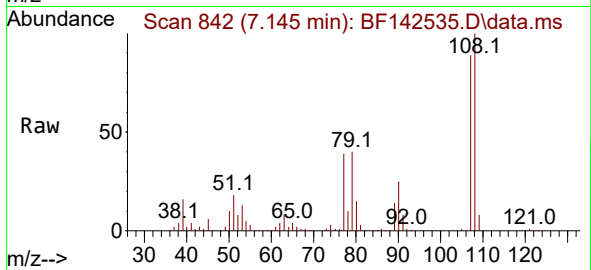
Tgt Ion: 45 Resp: 437815
Ion Ratio Lower Upper
45 100
77 11.9 0.0 32.0
79 9.4 0.0 29.2





#17
2-Methylphenol
Concen: 41.746 ng
RT: 7.145 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

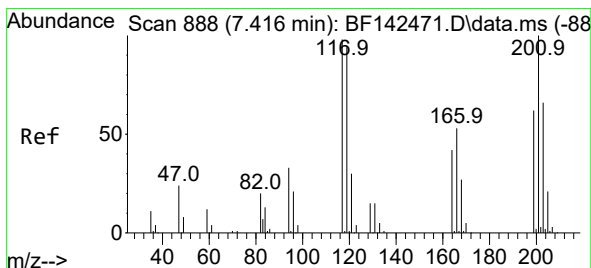
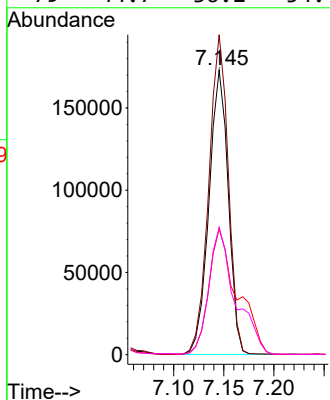
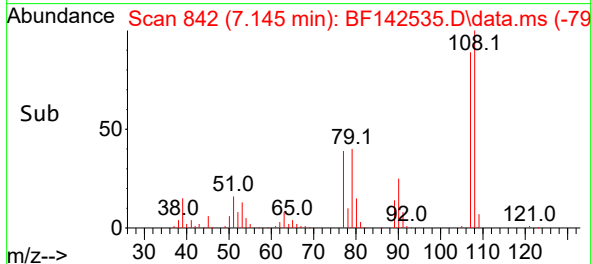
Instrument :
BNA_F
ClientSampleId :
RBR200044MSD



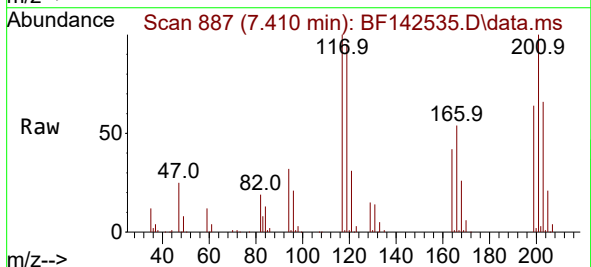
Tgt Ion:107 Resp: 231930
Ion Ratio Lower Upper
107 100
108 112.4 90.2 135.2
77 44.2 36.1 54.1
79 44.7 36.2 54.4

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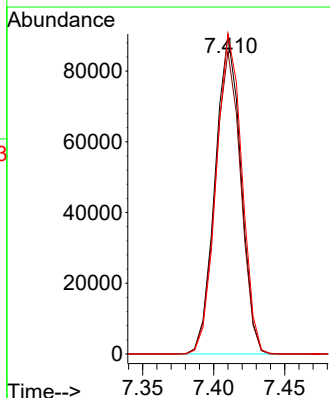
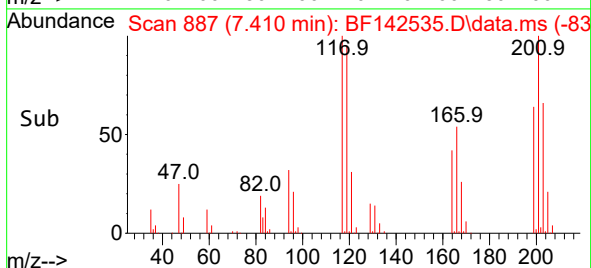
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

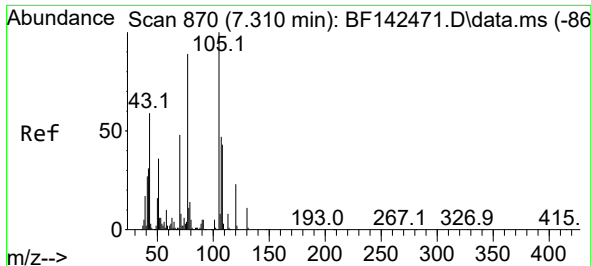


#18
Hexachloroethane
Concen: 40.524 ng
RT: 7.410 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07



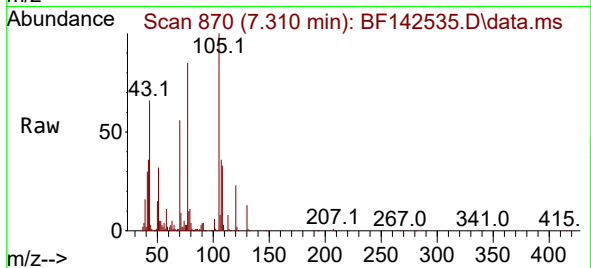
Tgt Ion:117 Resp: 113182
Ion Ratio Lower Upper
117 100
119 94.8 76.6 114.8
201 100.3 81.3 121.9





#19
n-Nitroso-di-n-propylamine
Concen: 39.319 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

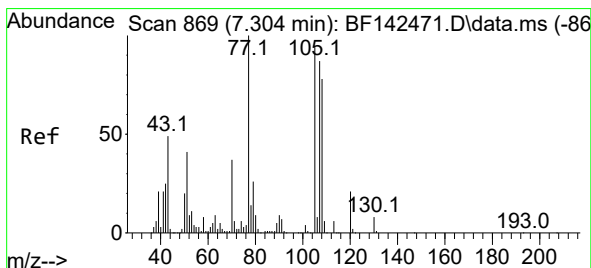
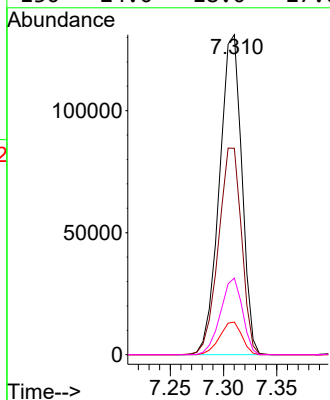
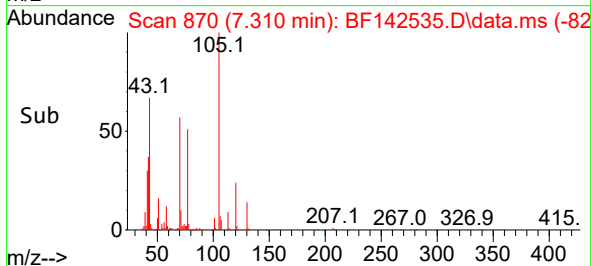
Instrument :
BNA_F
ClientSampleId :
RBR200044MSD



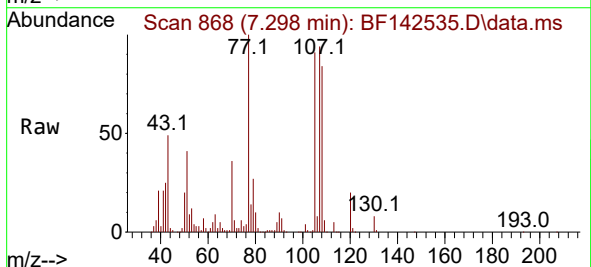
Tgt Ion: 70 Resp: 191639
Ion Ratio Lower Upper
70 100
42 64.5 52.4 78.6
101 10.2 7.8 11.8
130 24.0 18.0 27.0

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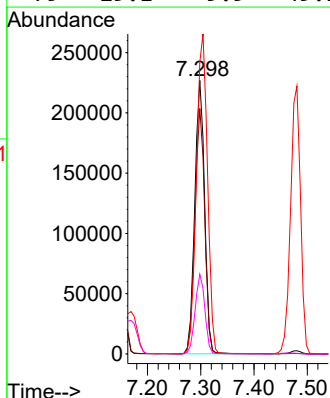
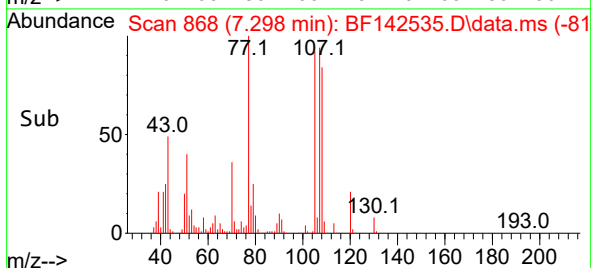
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

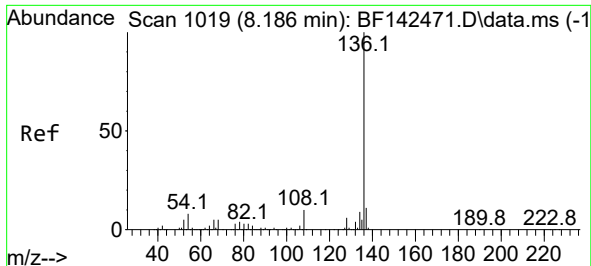


#20
3+4-Methylphenols
Concen: 40.900 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07



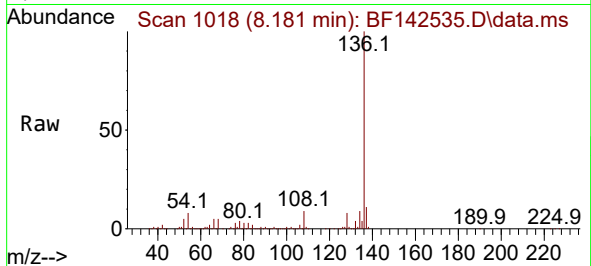
Tgt Ion:107 Resp: 290992
Ion Ratio Lower Upper
107 100
108 89.7 70.4 110.4
77 106.7 95.4 135.4
79 29.1 9.9 49.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

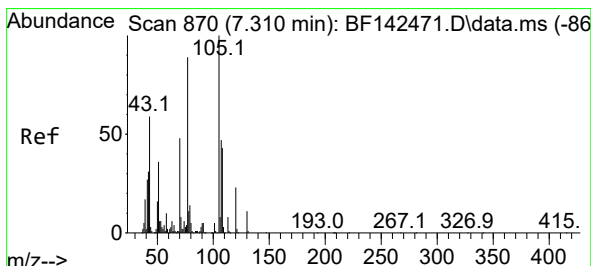
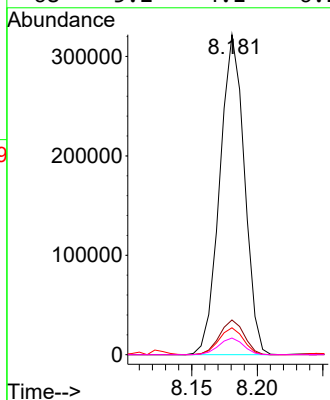
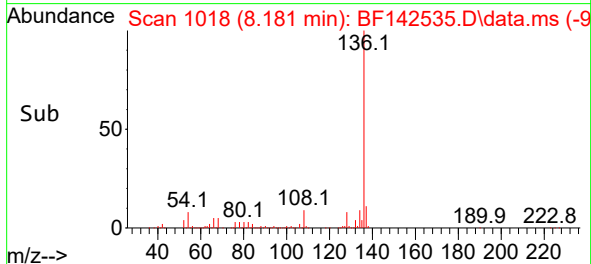
Instrument :
BNA_F
ClientSampleId :
RBR200044MSD



Tgt Ion:136 Resp: 419990
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.4 6.6 10.0
68 5.2 4.1 6.1

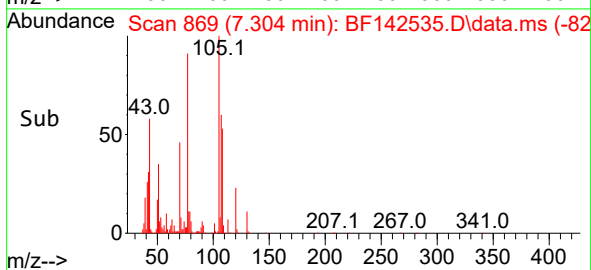
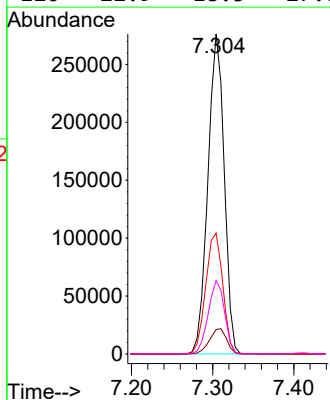
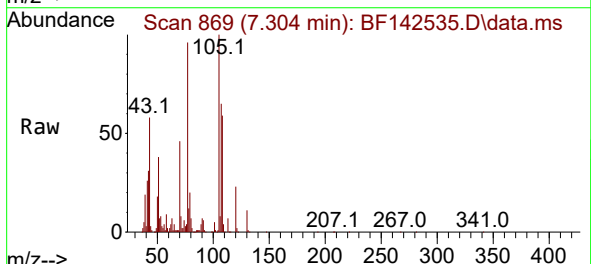
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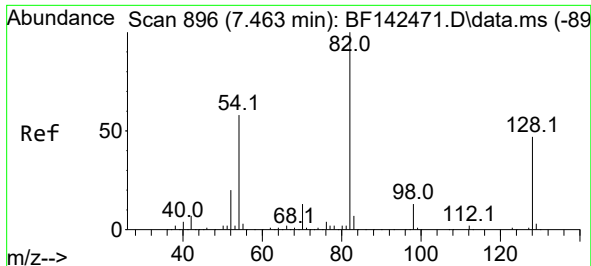
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#22
Acetophenone
Concen: 41.415 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

Tgt Ion:105 Resp: 385053
Ion Ratio Lower Upper
105 100
71 7.7 6.4 9.6
51 37.7 28.6 42.8
120 22.9 18.5 27.7





#23

Nitrobenzene-d5

Concen: 52.252 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.018 min

Lab File: BF142535.D

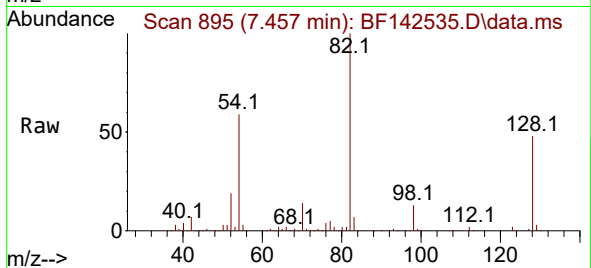
Acq: 23 May 2025 15:07

Instrument :

BNA_F

ClientSampleId :

RBR200044MSD



Tgt Ion: 82 Resp: 402460

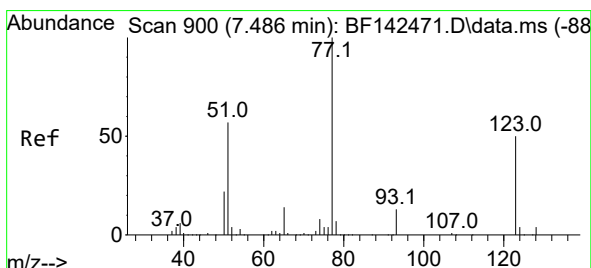
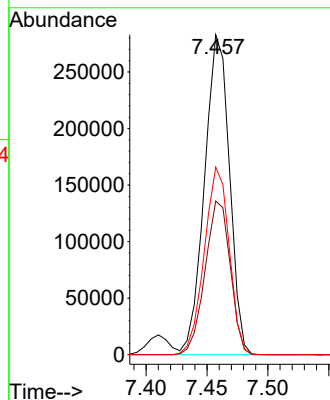
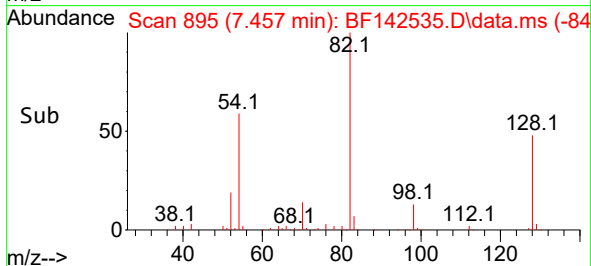
Ion	Ratio	Lower	Upper
82	100		
128	48.0	37.4	56.2
54	58.6	46.6	70.0

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Reviewed By :Rahul Chavli 05/27/2025

Supervised By :Jagrut Upadhyay 05/27/2025



#24

Nitrobenzene

Concen: 41.642 ng

RT: 7.481 min Scan# 899

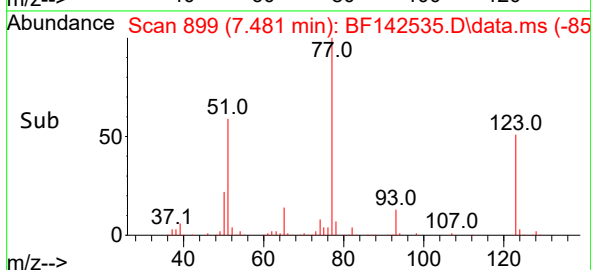
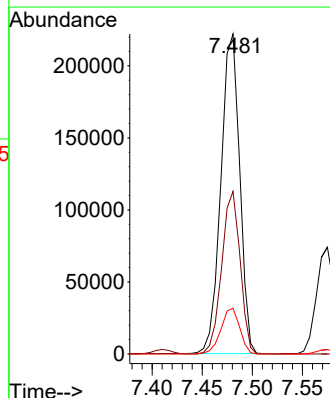
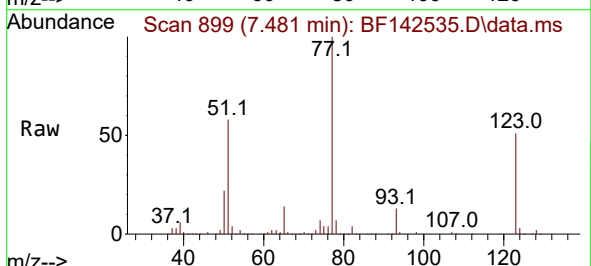
Delta R.T. -0.012 min

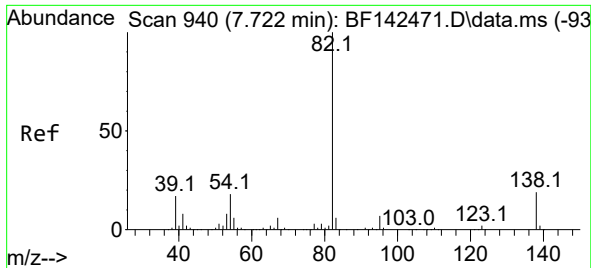
Lab File: BF142535.D

Acq: 23 May 2025 15:07

Tgt Ion: 77 Resp: 289274

Ion	Ratio	Lower	Upper
77	100		
123	50.8	40.6	61.0
65	14.3	11.4	17.2





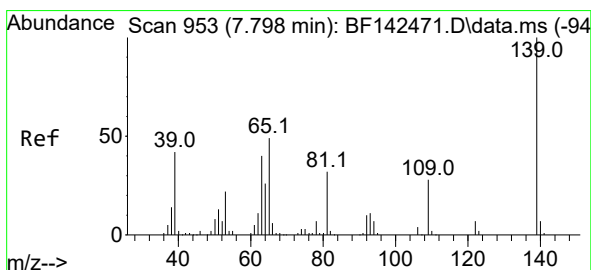
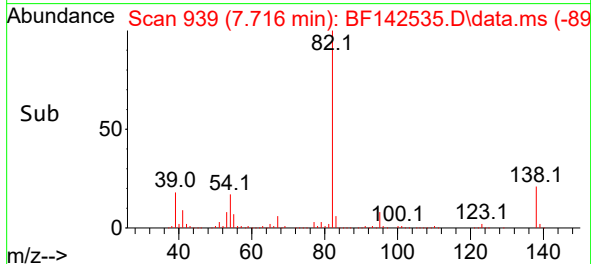
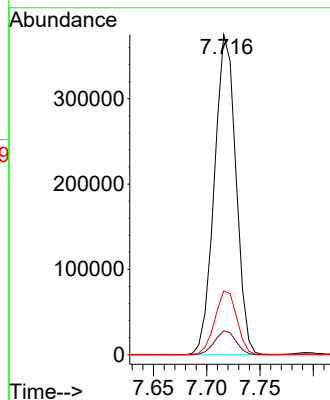
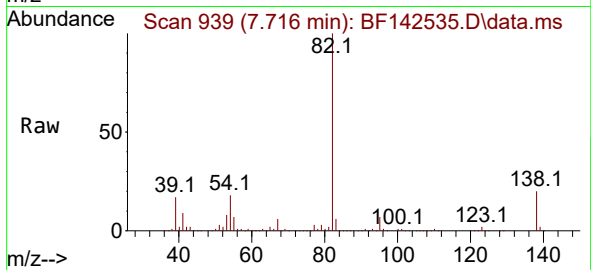
#25
Isophorone
Concen: 40.951 ng
RT: 7.716 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

Instrument :
BNA_F
ClientSampleId :
RBR200044MSD

Tgt Ion: 82 Resp: 527349
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 19.9 15.5 23.3

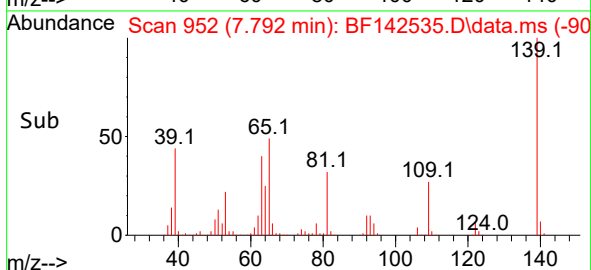
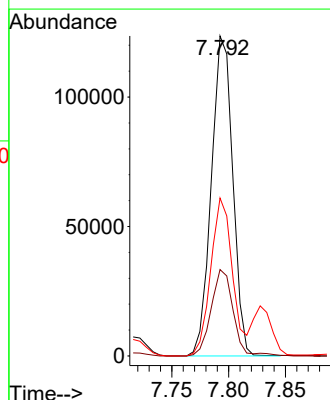
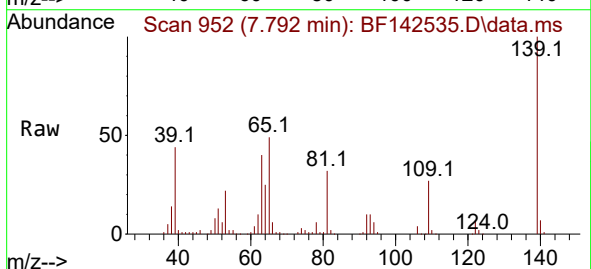
Manual Integrations
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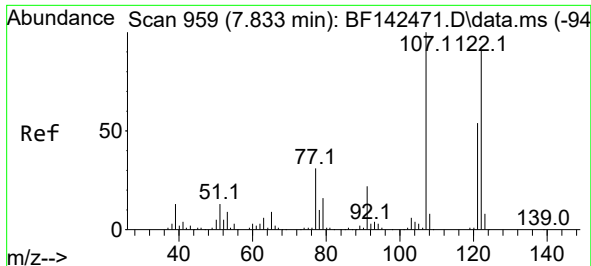
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#26
2-Nitrophenol
Concen: 43.587 ng
RT: 7.792 min Scan# 952
Delta R.T. -0.012 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

Tgt Ion:139 Resp: 161790
Ion Ratio Lower Upper
139 100
109 27.0 22.6 33.8
65 49.3 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 42.577 ng

RT: 7.828 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF142535.D

Acq: 23 May 2025 15:07

Instrument :

BNA_F

ClientSampleId :

RBR200044MSD

Tgt Ion:122 Resp: 27870

Ion Ratio Lower Upper

122 100

107 110.2 88.1 132.1

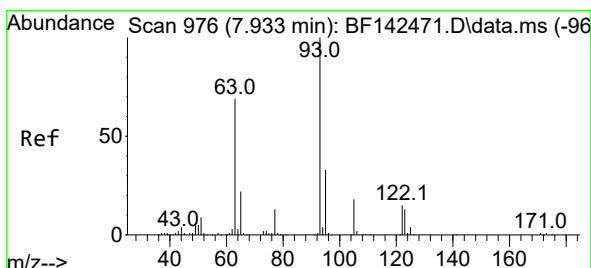
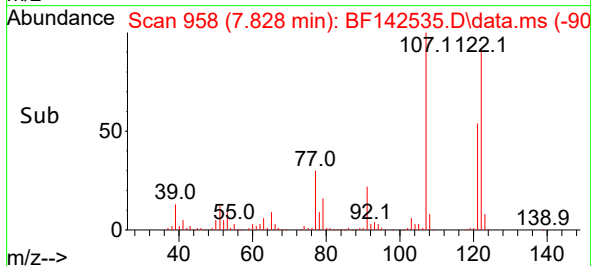
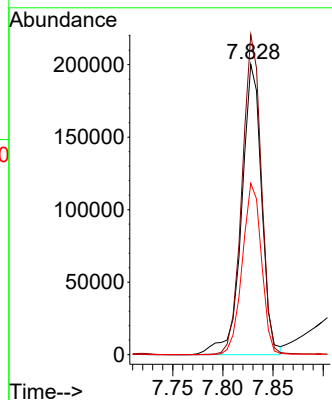
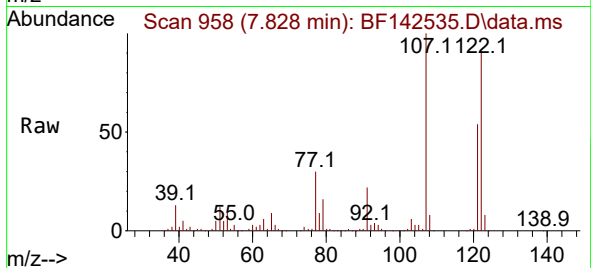
121 59.0 47.3 70.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/27/2025

Supervised By :Jagrut Upadhyay 05/27/2025



#28

bis(2-Chloroethoxy)methane

Concen: 40.827 ng

RT: 7.928 min Scan# 975

Delta R.T. -0.012 min

Lab File: BF142535.D

Acq: 23 May 2025 15:07

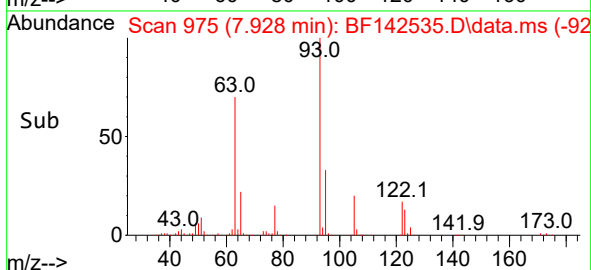
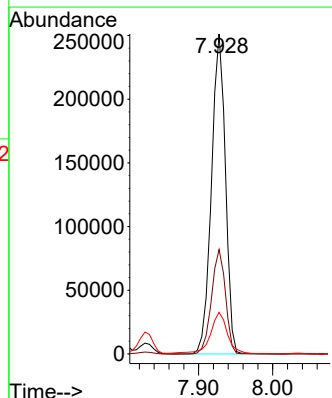
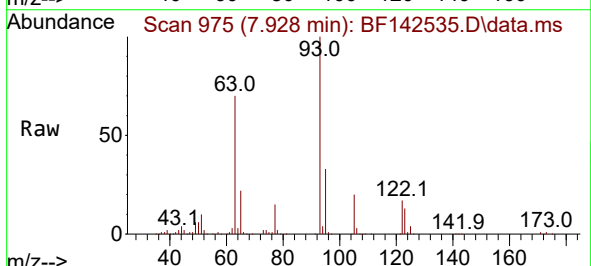
Tgt Ion: 93 Resp: 328431

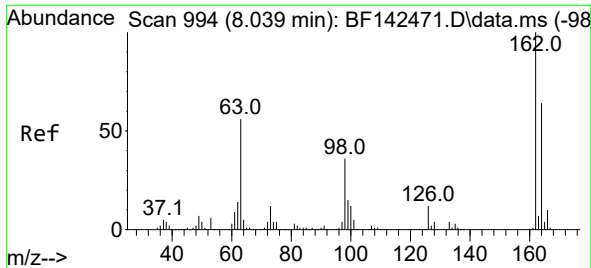
Ion Ratio Lower Upper

93 100

95 32.6 26.4 39.6

123 13.0 10.6 15.8





#29

2,4-Dichlorophenol

Concen: 41.943 ng

RT: 8.034 min Scan# 994

Delta R.T. -0.012 min

Lab File: BF142535.D

Acq: 23 May 2025 15:07

Instrument :

BNA_F

ClientSampleId :

RBR200044MSD

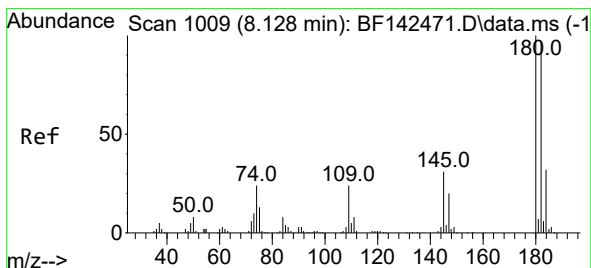
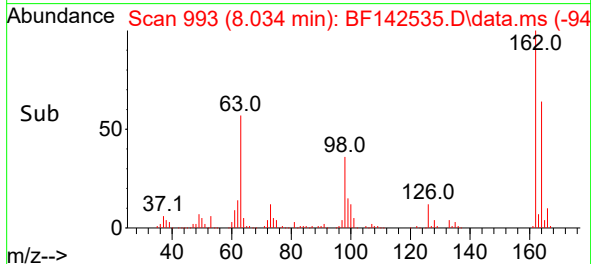
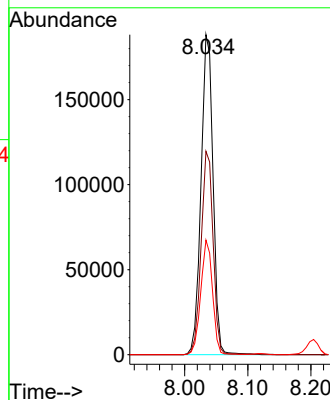
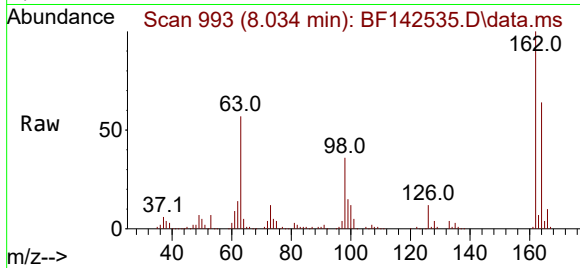
Tgt Ion:162 Resp: 24968
 Ion Ratio Lower Upper
 162 100
 164 63.6 43.7 83.7
 98 35.8 15.5 55.5

Manual Integrations

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Reviewed By :Rahul Chavli 05/27/2025

Supervised By :Jagrut Upadhyay 05/27/2025



#30

1,2,4-Trichlorobenzene

Concen: 41.361 ng

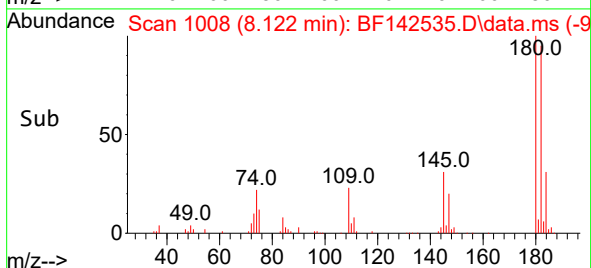
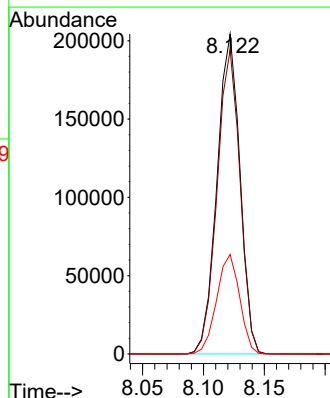
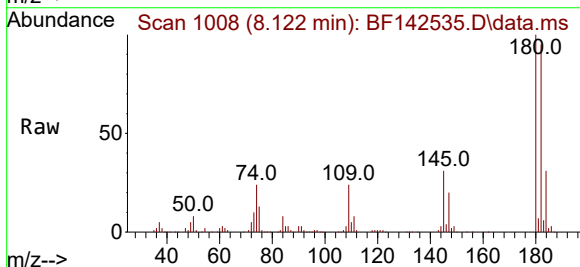
RT: 8.122 min Scan# 1008

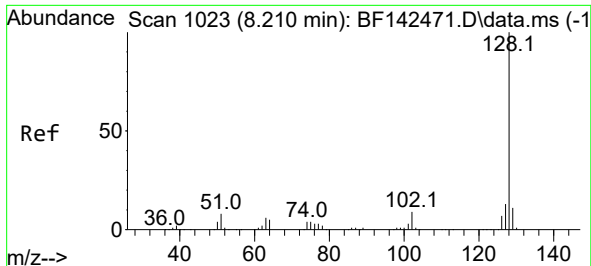
Delta R.T. -0.006 min

Lab File: BF142535.D

Acq: 23 May 2025 15:07

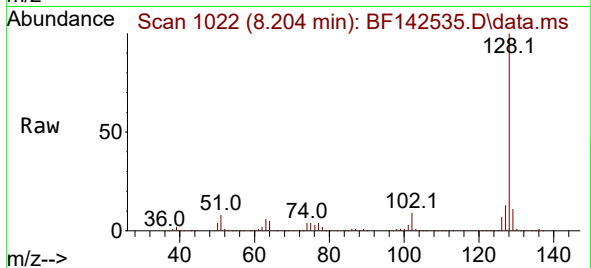
Tgt Ion:180 Resp: 267217
 Ion Ratio Lower Upper
 180 100
 182 95.0 78.0 117.0
 145 31.1 25.0 37.6





#31
Naphthalene
Concen: 41.512 ng
RT: 8.204 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

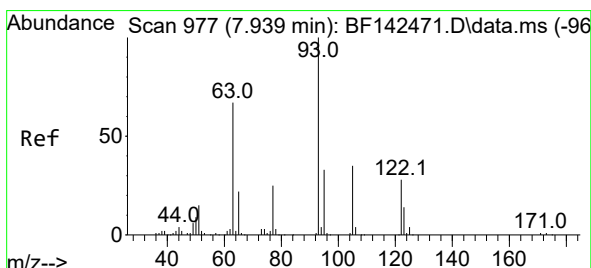
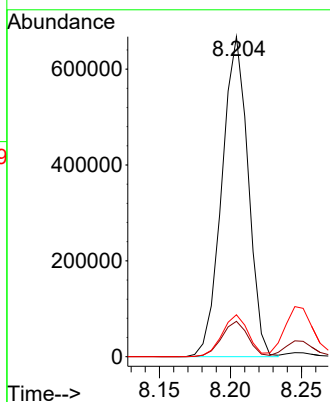
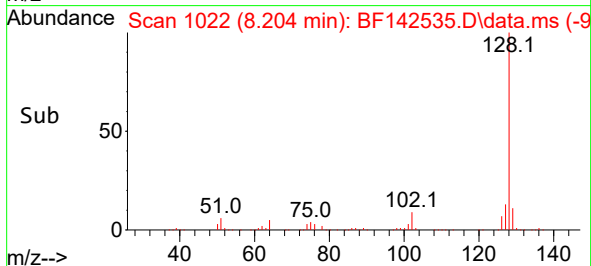
Instrument :
BNA_F
ClientSampleId :
RBR200044MSD



Tgt Ion:128 Resp: 858484
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.1 10.5 15.7

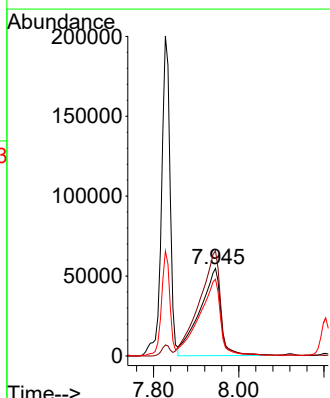
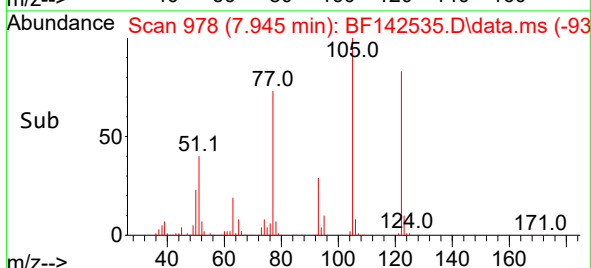
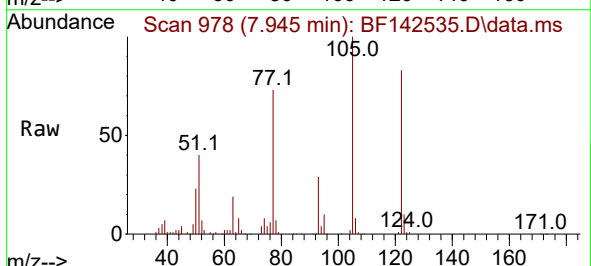
Manual Integrations
APPROVED

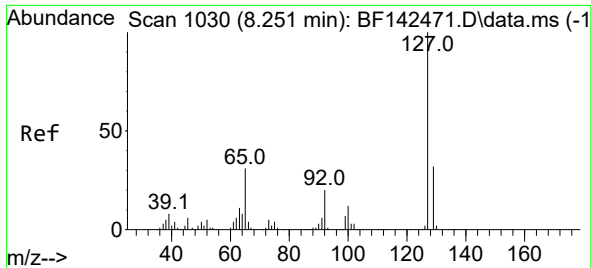
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#32
Benzoic acid
Concen: 47.119 ng
RT: 7.945 min Scan# 978
Delta R.T. -0.030 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

Tgt Ion:122 Resp: 187756
Ion Ratio Lower Upper
122 100
105 120.2 101.7 141.7
77 87.8 69.5 109.5





#33

4-Chloroaniline

Concen: 19.000 ng

RT: 8.245 min Scan# 1029

Delta R.T. -0.012 min

Lab File: BF142535.D

Acq: 23 May 2025 15:07

Instrument :

BNA_F

ClientSampleId :

RBR200044MSD

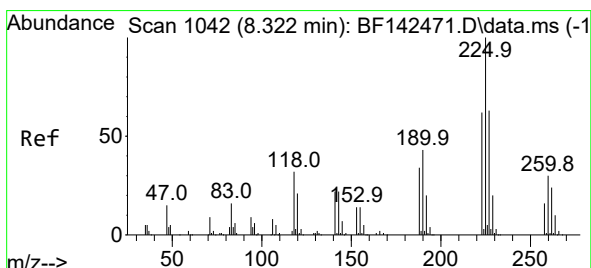
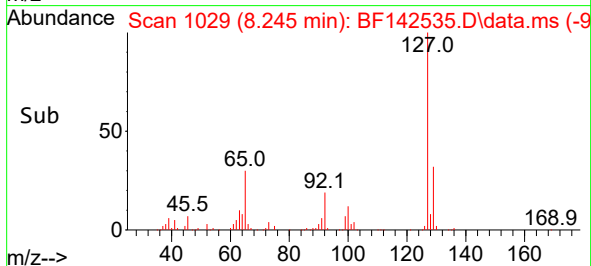
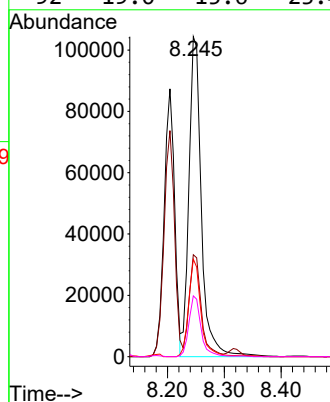
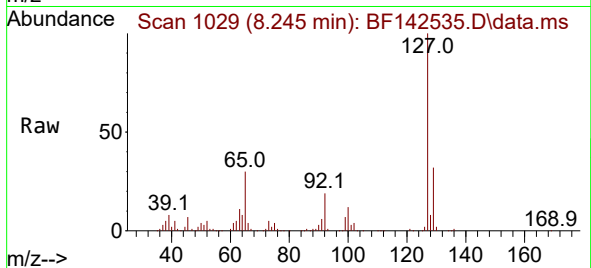
Tgt Ion:	127	Resp:	159218
Ion Ratio	Lower	Upper	
127	100		
129	31.8	26.1	39.1
65	30.5	24.9	37.3
92	19.0	15.6	23.4

Manual Integrations

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Reviewed By :Rahul Chavli 05/27/2025

Supervised By :Jagrut Upadhyay 05/27/2025



#34

Hexachlorobutadiene

Concen: 41.006 ng

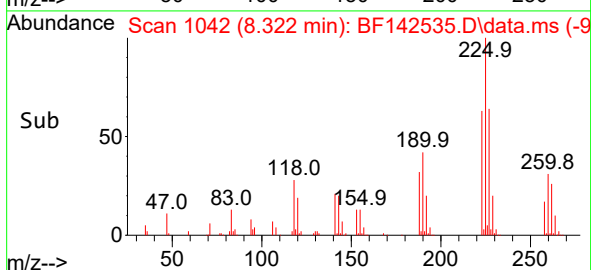
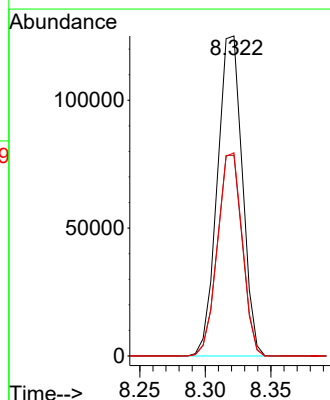
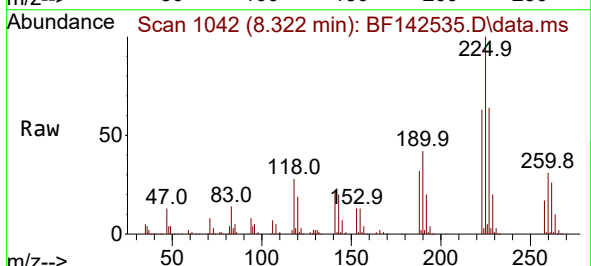
RT: 8.322 min Scan# 1042

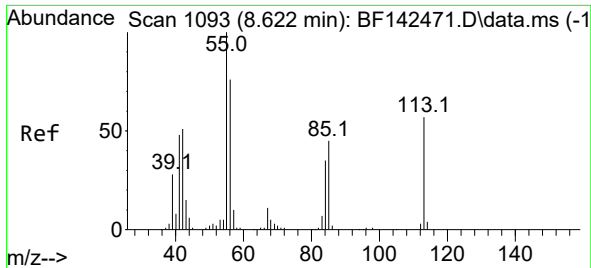
Delta R.T. -0.006 min

Lab File: BF142535.D

Acq: 23 May 2025 15:07

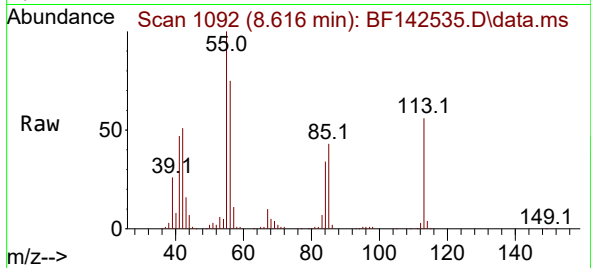
Tgt Ion:	225	Resp:	165421
Ion Ratio	Lower	Upper	
225	100		
223	62.7	49.7	74.5
227	63.5	50.3	75.5





#35
 Caprolactam
 Concen: 47.542 ng m
 RT: 8.616 min Scan# 1092
 Delta R.T. -0.029 min
 Lab File: BF142535.D
 Acq: 23 May 2025 15:07

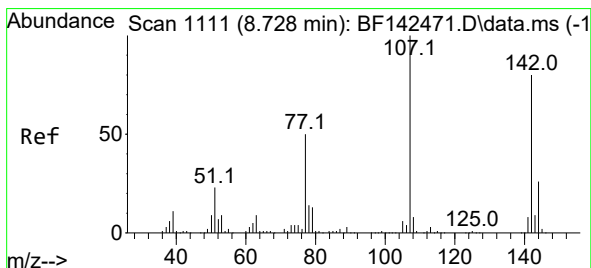
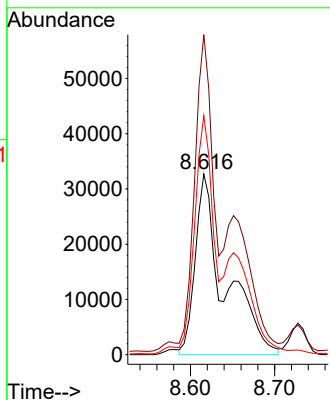
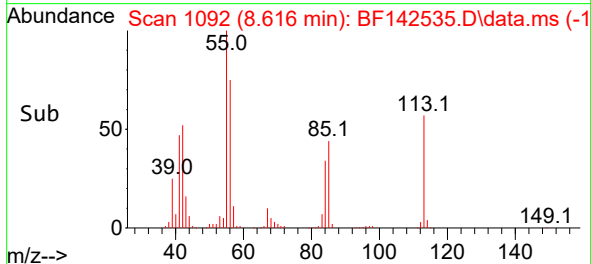
Instrument :
 BNA_F
 ClientSampleId :
 RBR200044MSD



Tgt Ion:113 Resp: 7948
 Ion Ratio Lower Upper
 113 100
 55 177.1 154.7 194.7
 56 132.3 113.2 153.2

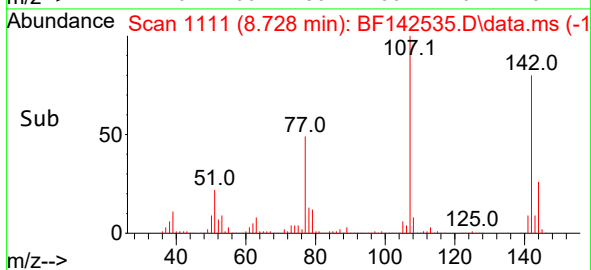
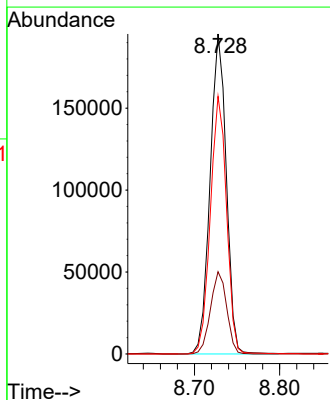
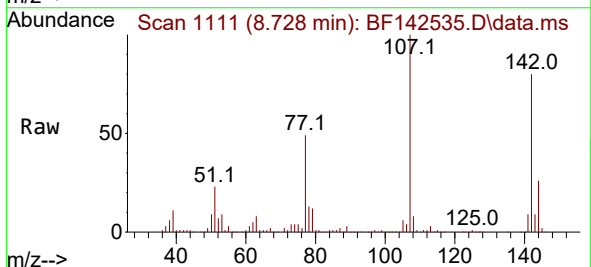
Manual Integrations
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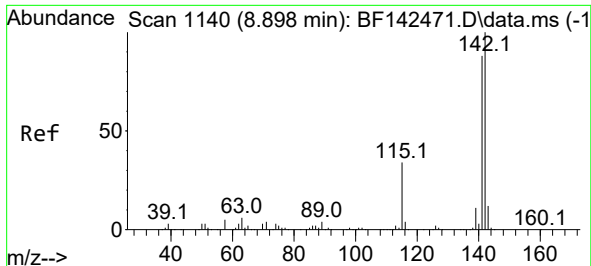
Reviewed By :Rahul Chavli 05/27/2025
 Supervised By :Jagrut Upadhyay 05/27/2025



#36
 4-Chloro-3-methylphenol
 Concen: 42.320 ng
 RT: 8.728 min Scan# 1111
 Delta R.T. -0.012 min
 Lab File: BF142535.D
 Acq: 23 May 2025 15:07

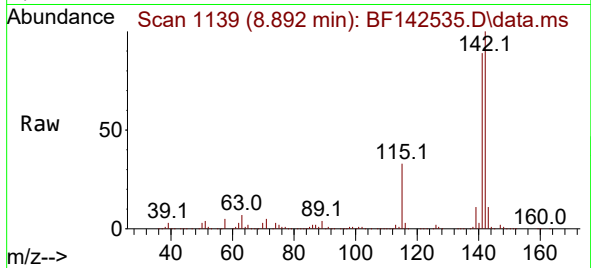
Tgt Ion:107 Resp: 258188
 Ion Ratio Lower Upper
 107 100
 144 25.7 20.9 31.3
 142 80.5 64.2 96.2





#37
2-Methylnaphthalene
Concen: 40.425 ng
RT: 8.892 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

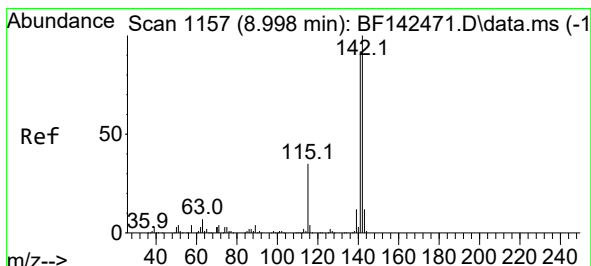
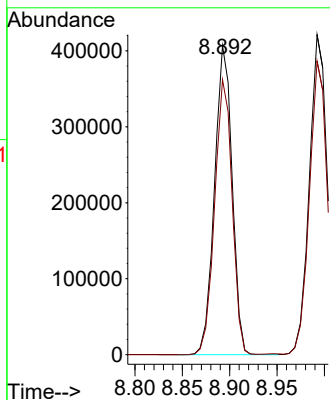
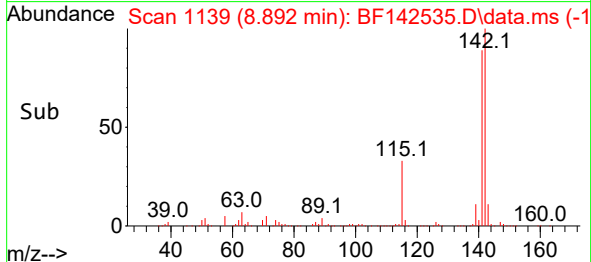
Instrument :
BNA_F
ClientSampleId :
RBR200044MSD



Tgt Ion:142 Resp: 52594
Ion Ratio Lower Upper
142 100
141 89.0 70.7 106.1

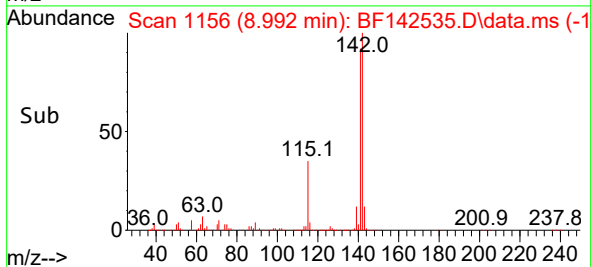
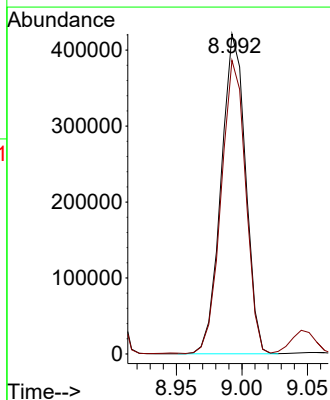
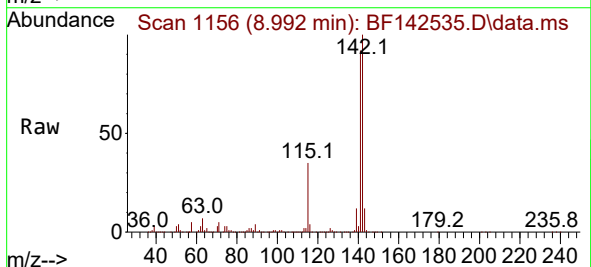
Manual Integrations
APPROVED

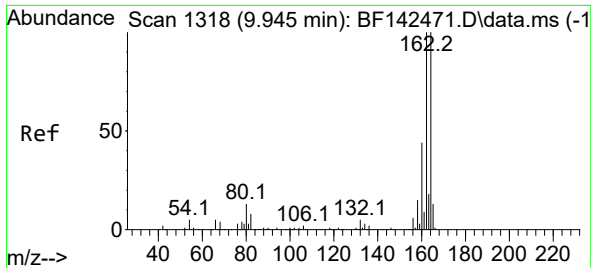
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#38
1-Methylnaphthalene
Concen: 40.577 ng
RT: 8.992 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

Tgt Ion:142 Resp: 546081
Ion Ratio Lower Upper
142 100
141 91.8 73.4 110.2





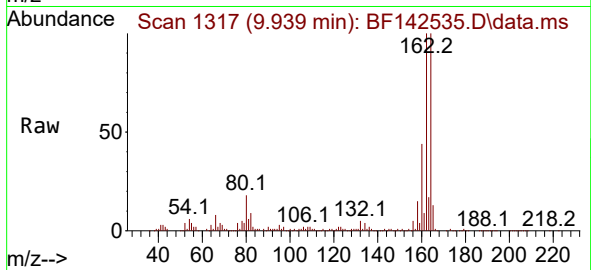
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

Instrument :

BNA_F

ClientSampleId :

RBR200044MSD



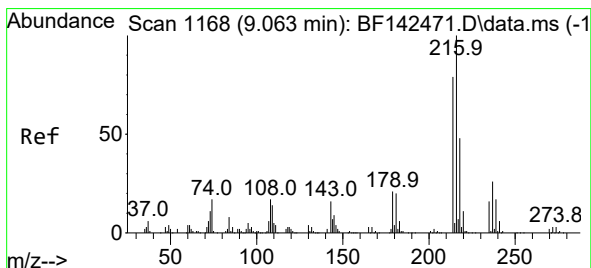
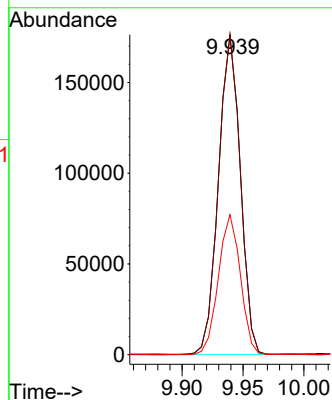
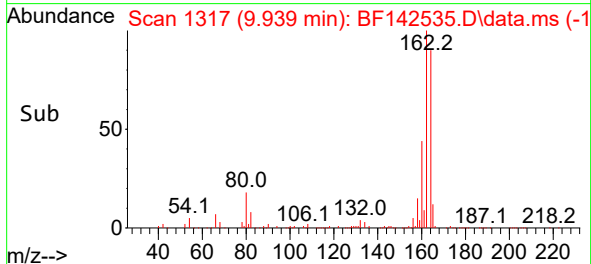
Tgt Ion:164 Resp: 219379
Ion Ratio Lower Upper
164 100
162 100.3 80.2 120.4
160 43.9 35.6 53.4

Manual Integrations

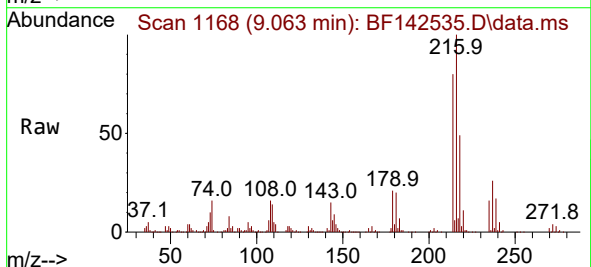
APPROVED

Reviewed By :Rahul Chavli 05/27/2025

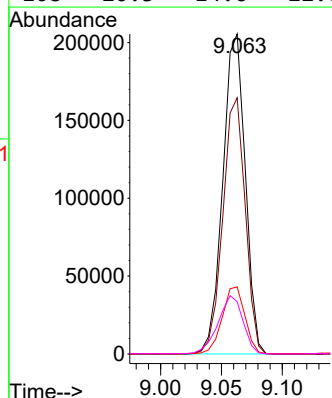
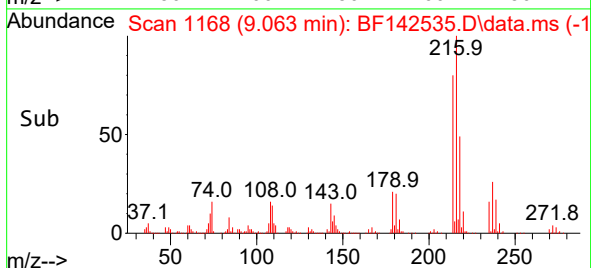
Supervised By :Jagrut Upadhyay 05/27/2025

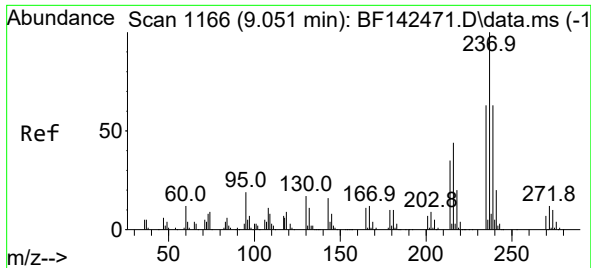


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.919 ng
RT: 9.063 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07



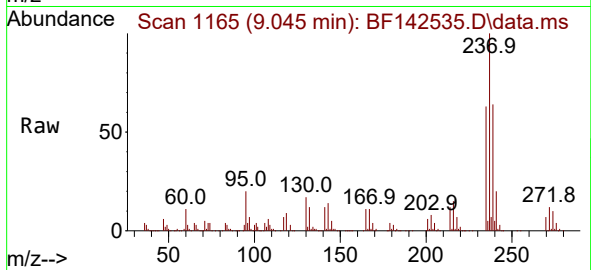
Tgt Ion:216 Resp: 263980
Ion Ratio Lower Upper
216 100
214 79.8 62.9 94.3
179 21.1 16.9 25.3
108 20.3 14.6 22.0





#41
Hexachlorocyclopentadiene
Concen: 84.693 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

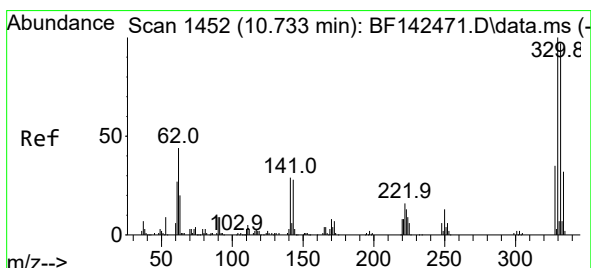
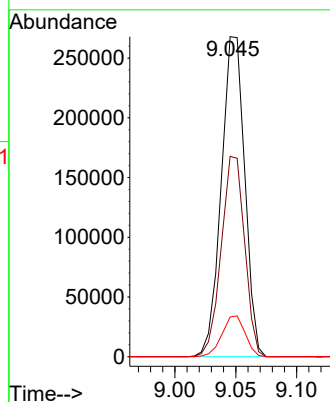
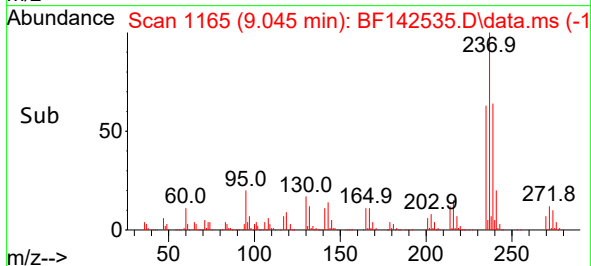
Instrument :
BNA_F
ClientSampleId :
RBR200044MSD



Tgt Ion: 237 Resp: 359792
Ion Ratio Lower Upper
237 100
235 62.6 43.3 83.3
272 12.4 0.0 32.4

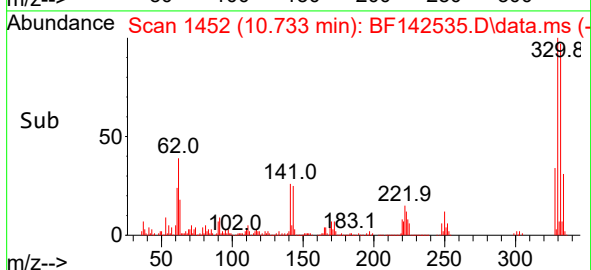
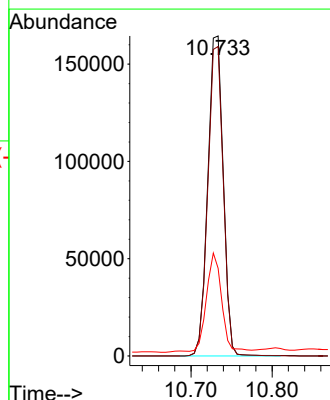
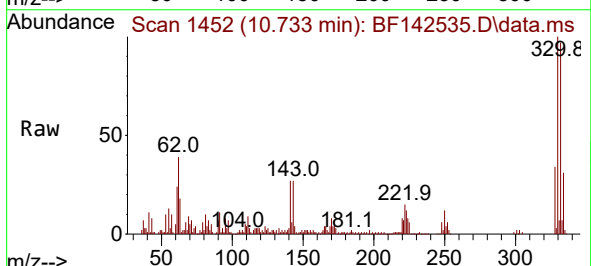
Manual Integrations
APPROVED

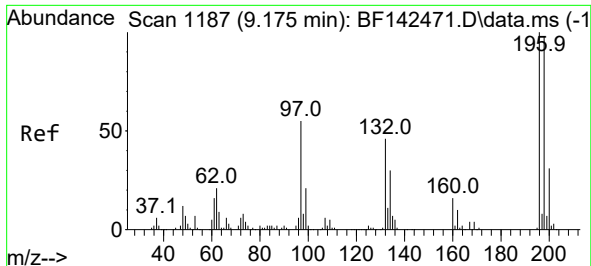
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#42
2,4,6-Tribromophenol
Concen: 89.163 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

Tgt Ion: 330 Resp: 217096
Ion Ratio Lower Upper
330 100
332 96.7 77.6 116.4
141 31.1 24.6 36.8





#43

2,4,6-Trichlorophenol

Concen: 42.474 ng

RT: 9.169 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BF142535.D

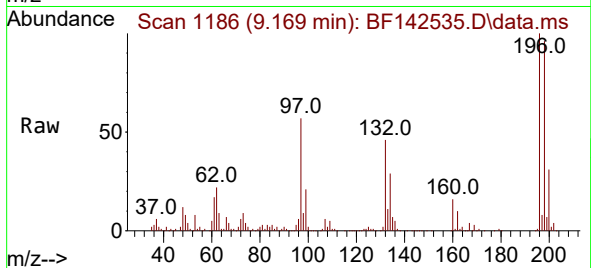
Acq: 23 May 2025 15:07

Instrument :

BNA_F

ClientSampleId :

RBR200044MSD



Tgt Ion:196 Resp: 180364

Ion Ratio Lower Upper

196 100

198 95.9 78.8 118.2

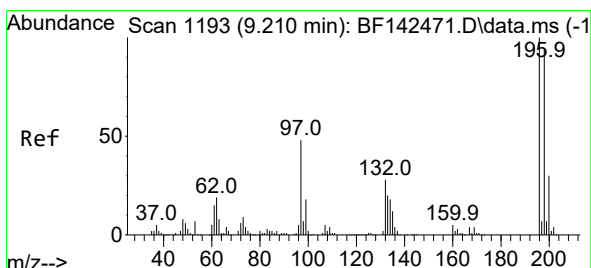
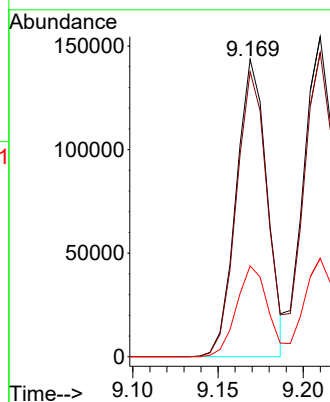
200 30.5 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/27/2025

Supervised By :Jagrut Upadhyay 05/27/2025



#44

2,4,5-Trichlorophenol

Concen: 43.526 ng

RT: 9.210 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF142535.D

Acq: 23 May 2025 15:07

Tgt Ion:196 Resp: 194931

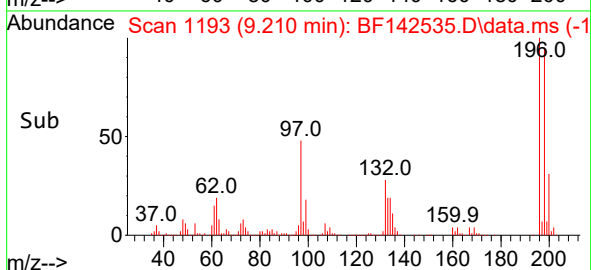
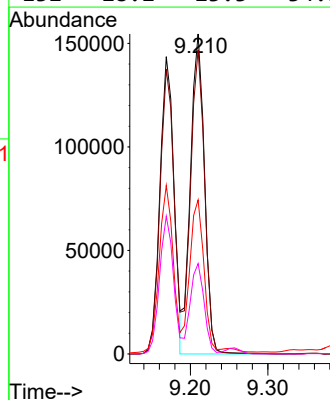
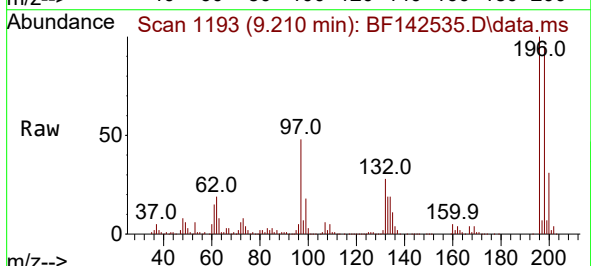
Ion Ratio Lower Upper

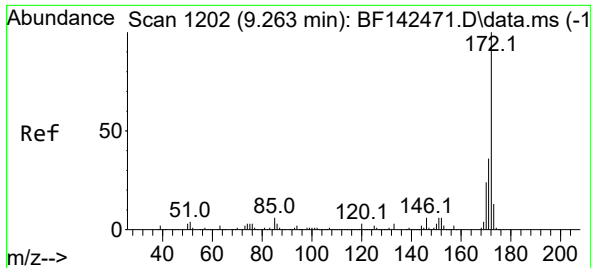
196 100

198 95.1 75.5 113.3

97 48.2 39.3 58.9

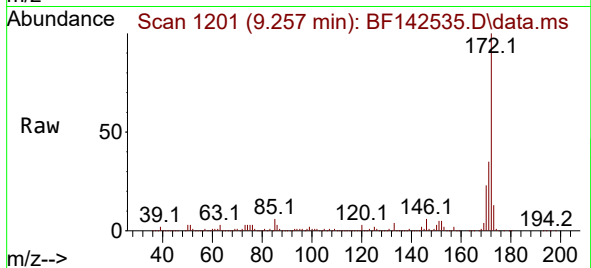
132 28.2 23.3 34.9





#45
2-Fluorobiphenyl
Concen: 51.737 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

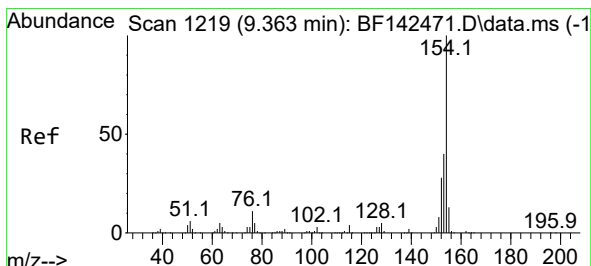
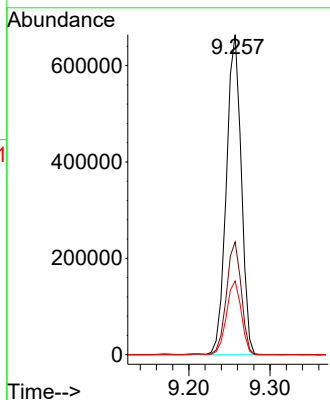
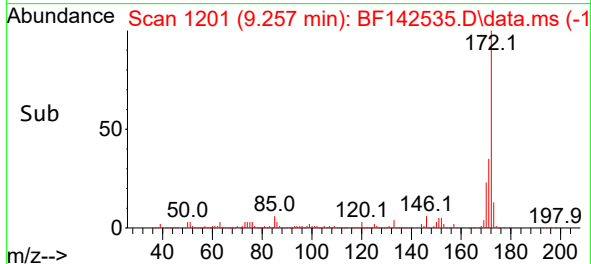
Instrument :
BNA_F
ClientSampleId :
RBR200044MSD



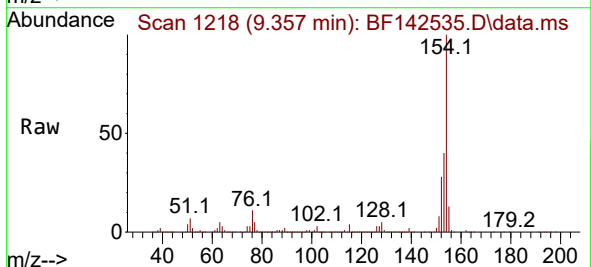
Tgt Ion:172 Resp: 84583
Ion Ratio Lower Upper
172 100
171 35.2 28.6 42.8
170 23.1 18.9 28.3

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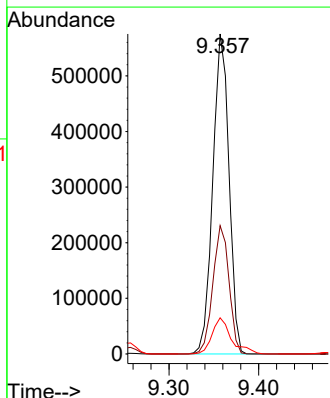
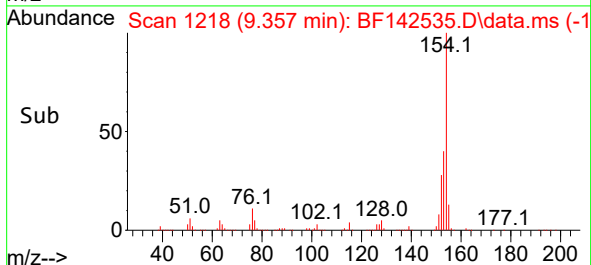
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

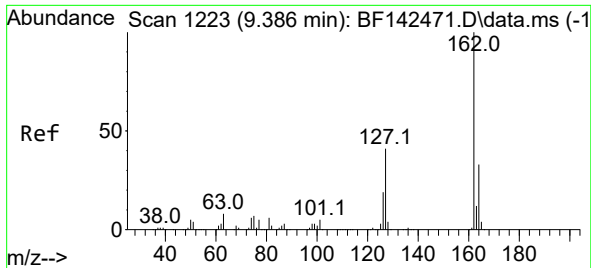


#46
1,1'-Biphenyl
Concen: 42.347 ng
RT: 9.357 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07



Tgt Ion:154 Resp: 720742
Ion Ratio Lower Upper
154 100
153 40.1 20.4 60.4
76 11.3 0.0 30.8





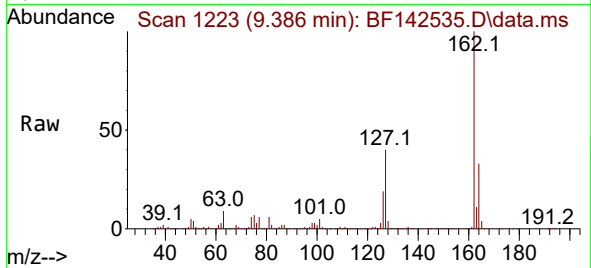
#47
2-Chloronaphthalene
Concen: 41.871 ng
RT: 9.386 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

Instrument :

BNA_F

ClientSampleId :

RBR200044MSD



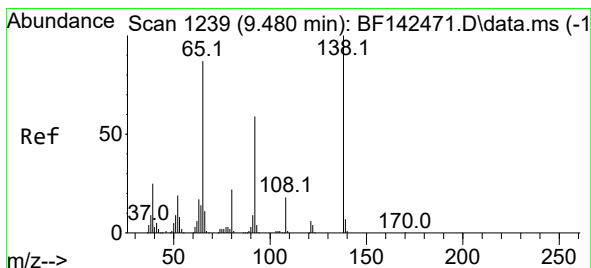
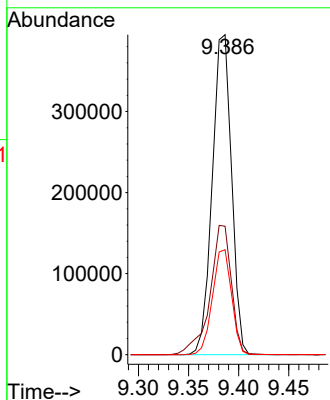
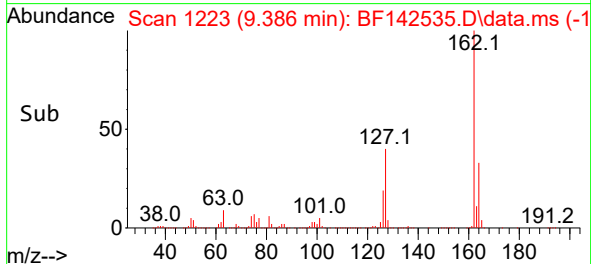
Tgt Ion:162 Resp: 52652
Ion Ratio Lower Upper
162 100
127 40.2 33.5 50.3
164 32.8 26.1 39.1

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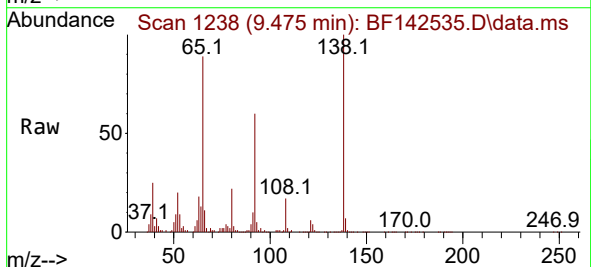
APPROVED

Reviewed By :Rahul Chavli 05/27/2025

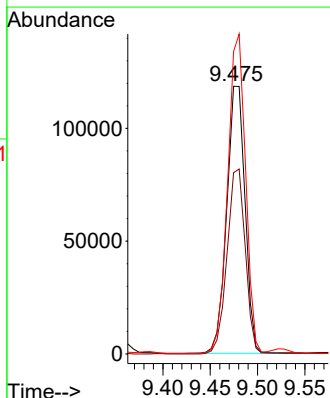
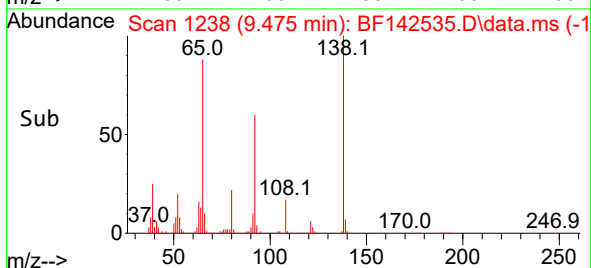
Supervised By :Jagrut Upadhyay 05/27/2025

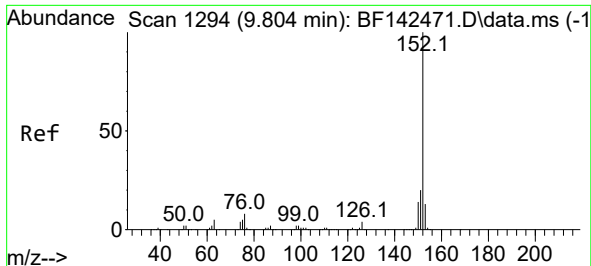


#48
2-Nitroaniline
Concen: 43.842 ng
RT: 9.475 min Scan# 1238
Delta R.T. -0.011 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07



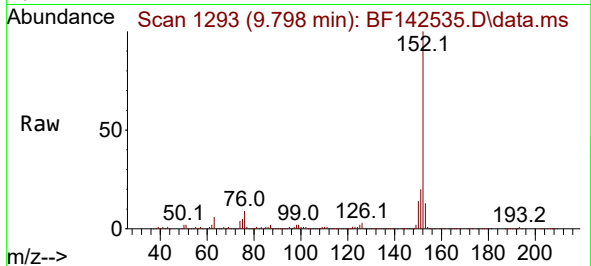
Tgt Ion: 65 Resp: 159351
Ion Ratio Lower Upper
65 100
92 67.7 54.4 81.6
138 113.0 91.4 137.2





#49
Acenaphthylene
Concen: 41.663 ng
RT: 9.798 min Scan# 1294
Delta R.T. -0.012 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

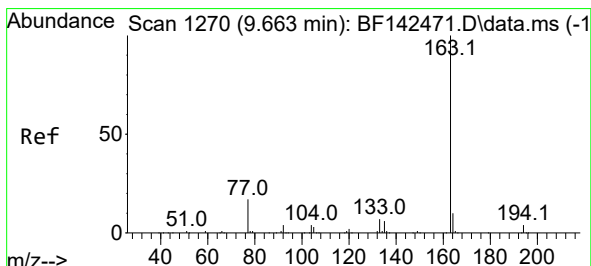
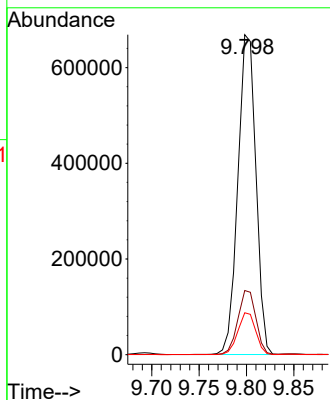
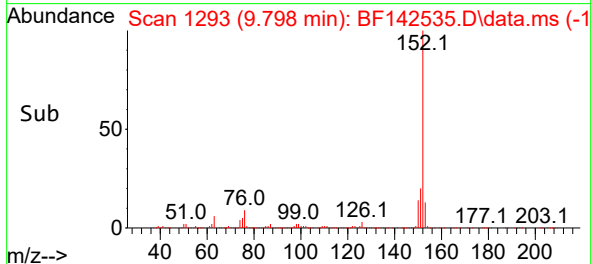
Instrument :
BNA_F
ClientSampleId :
RBR200044MSD



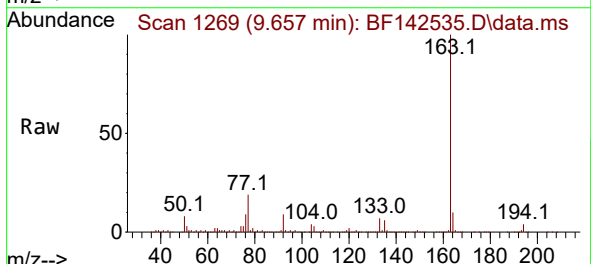
Tgt Ion:152 Resp: 884649
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.8
153 13.1 10.6 15.8

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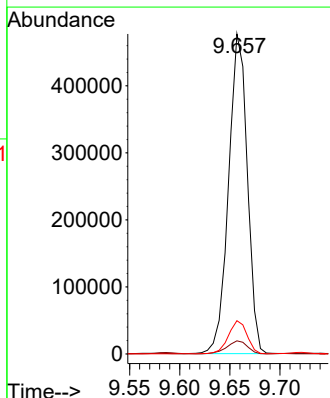
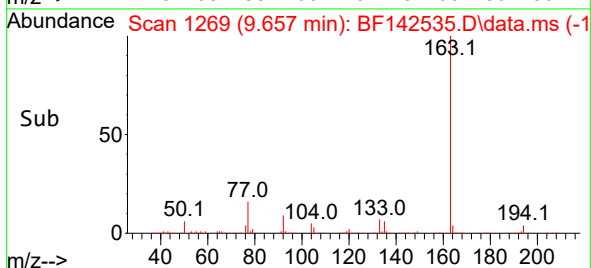
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

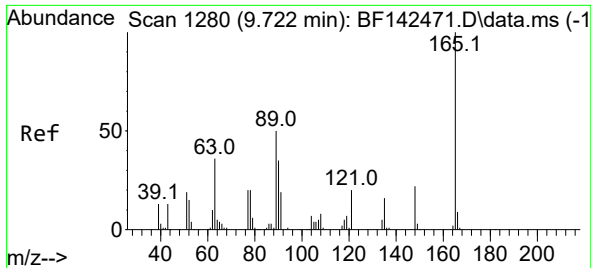


#50
Dimethylphthalate
Concen: 42.962 ng
RT: 9.657 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07



Tgt Ion:163 Resp: 621894
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.4 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 43.614 ng
RT: 9.722 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

Instrument :

BNA_F

ClientSampleId :

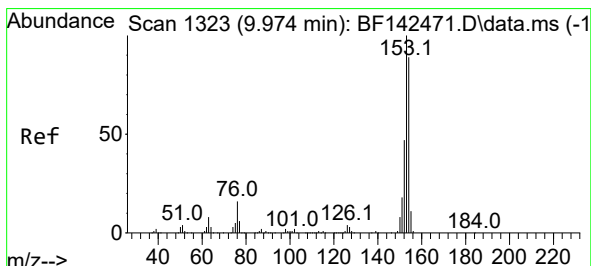
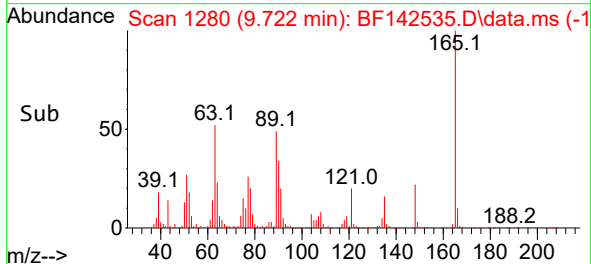
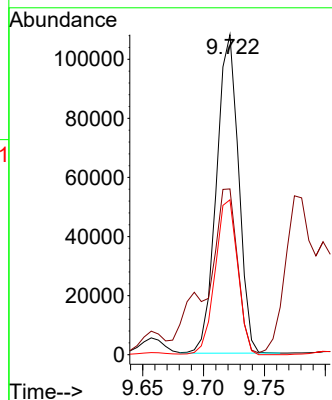
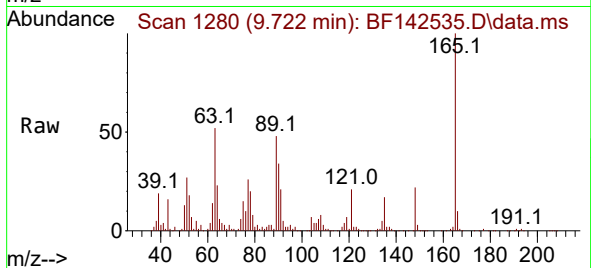
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Tgt Ion:165 Resp: 136260
Ion Ratio Lower Upper
165 100
63 51.8 42.9 64.3
89 48.4 40.2 60.4

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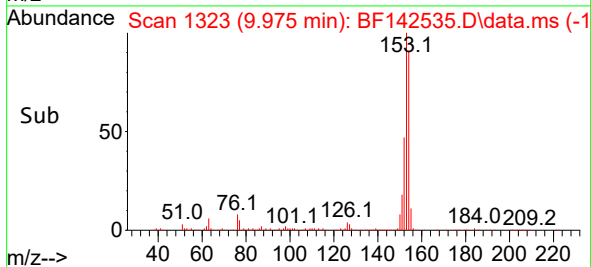
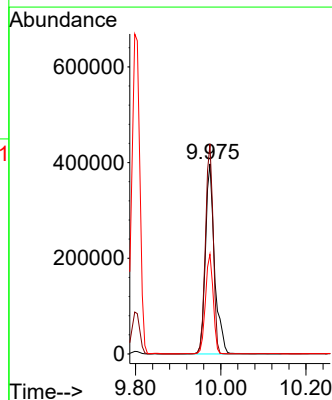
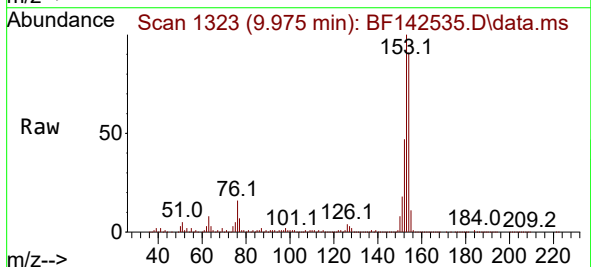
APPROVED

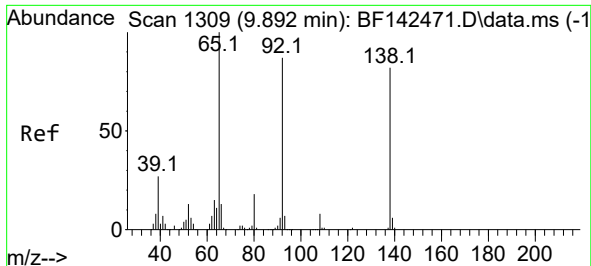
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#52
Acenaphthene
Concen: 45.968 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

Tgt Ion:154 Resp: 596010
Ion Ratio Lower Upper
154 100
153 110.5 90.0 135.0
152 52.4 42.6 64.0





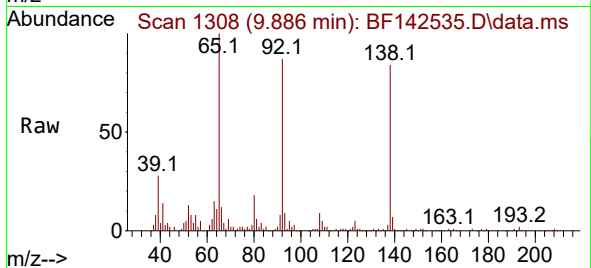
#53
3-Nitroaniline
Concen: 29.778 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

Instrument :

BNA_F

ClientSampleId :

RBR200044MSD



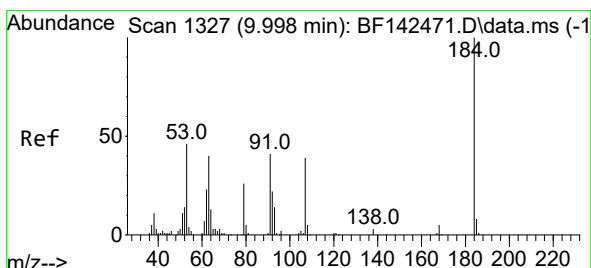
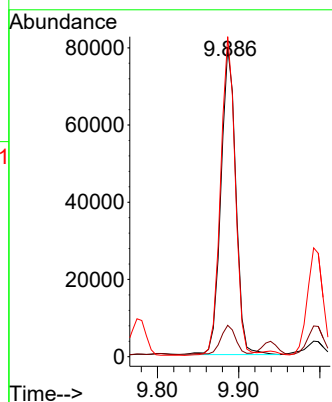
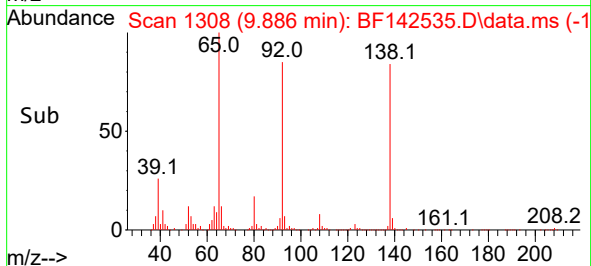
Tgt Ion:138 Resp: 10161
Ion Ratio Lower Upper
138 100
108 10.2 8.1 12.1
92 103.5 85.2 127.8

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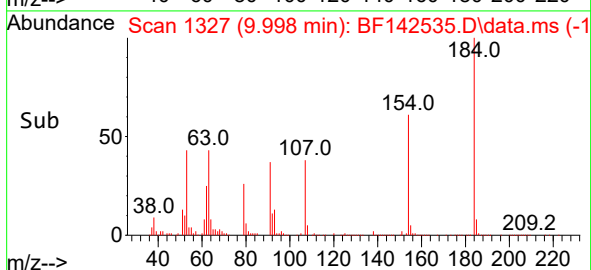
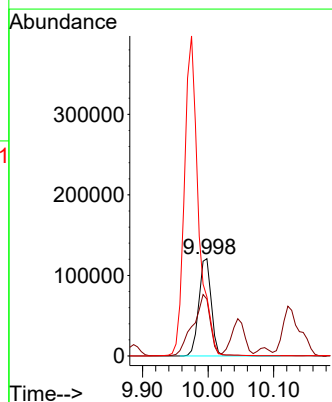
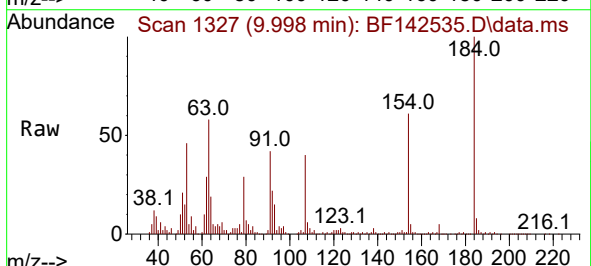
Reviewed By :Rahul Chavli 05/27/2025

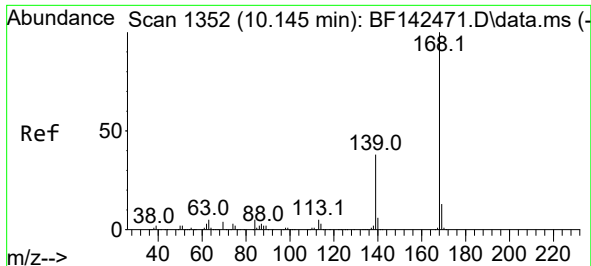
Supervised By :Jagrut Upadhyay 05/27/2025



#54
2,4-Dinitrophenol
Concen: 99.866 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

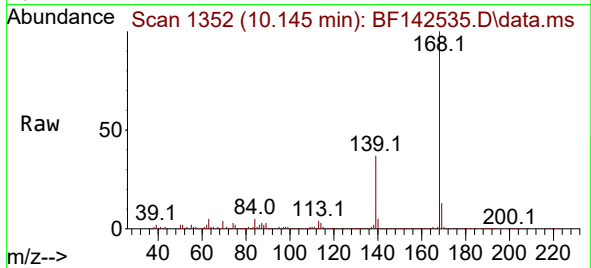
Tgt Ion:184 Resp: 161194
Ion Ratio Lower Upper
184 100
63 58.3 46.3 69.5
154 60.6 56.8 85.2





#55
Dibenzofuran
Concen: 41.395 ng
RT: 10.145 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

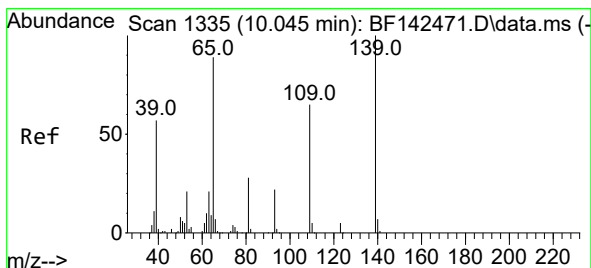
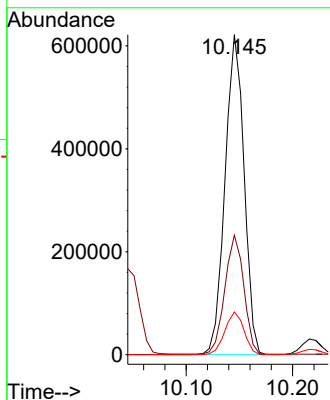
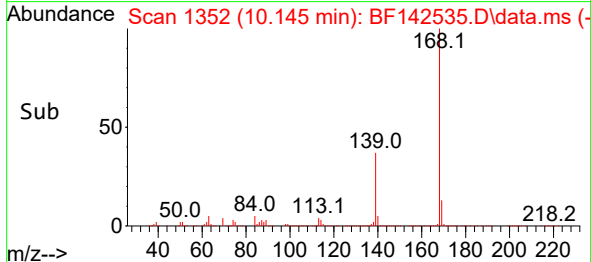
Instrument :
BNA_F
ClientSampleId :
RBR200044MSD



Tgt Ion:168 Resp: 772348
Ion Ratio Lower Upper
168 100
139 37.3 30.2 45.2
169 13.4 10.7 16.1

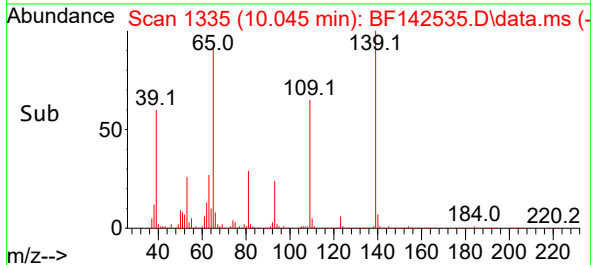
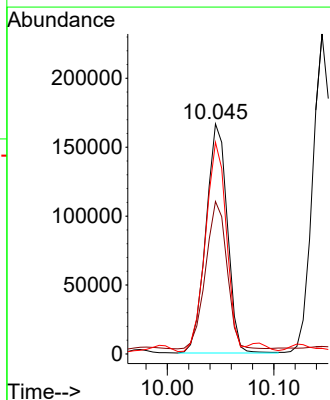
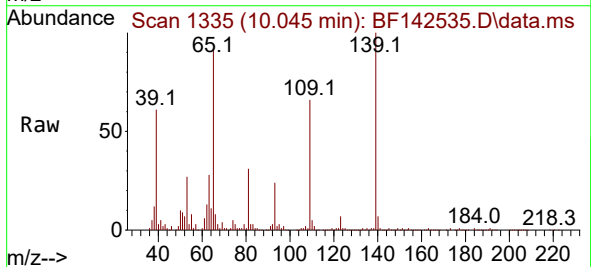
Manual Integrations
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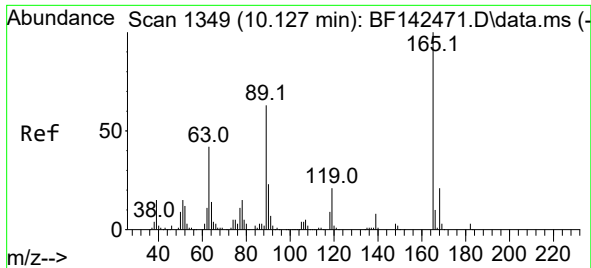
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#56
4-Nitrophenol
Concen: 92.226 ng
RT: 10.045 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

Tgt Ion:139 Resp: 232210
Ion Ratio Lower Upper
139 100
109 66.3 45.1 85.1
65 92.0 69.7 109.7





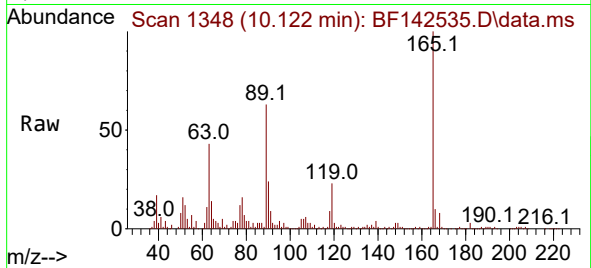
#57
2,4-Dinitrotoluene
Concen: 45.666 ng
RT: 10.122 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

Instrument :

BNA_F

ClientSampleId :

RBR200044MSD



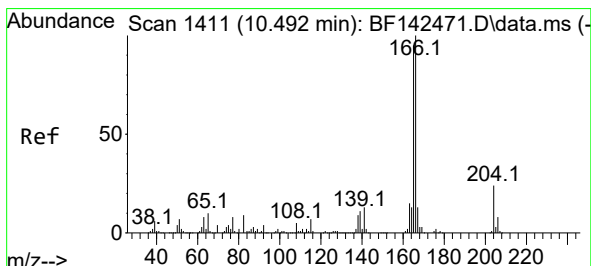
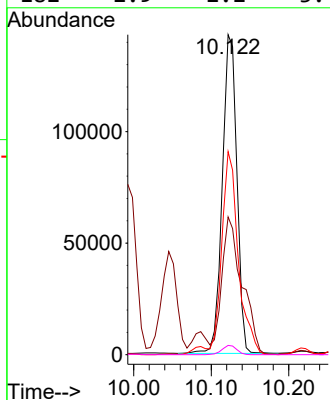
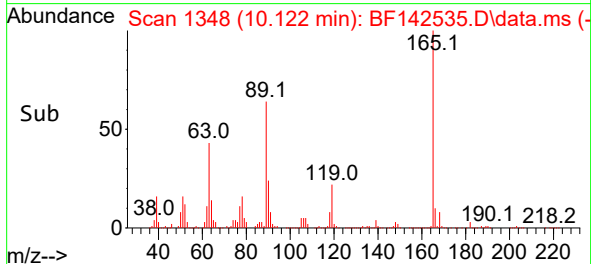
Tgt Ion:165 Resp: 18632
Ion Ratio Lower Upper
165 100
63 43.0 33.6 50.4
89 63.5 50.2 75.4
182 2.9 2.2 3.4

Manual Integrations

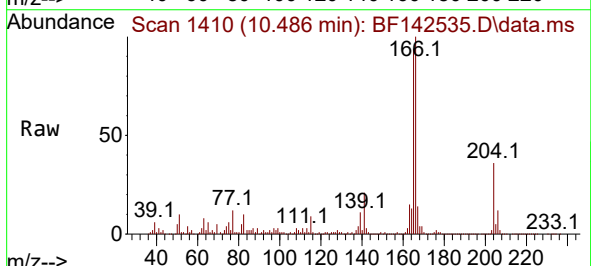
APPROVED

Reviewed By :Rahul Chavli 05/27/2025

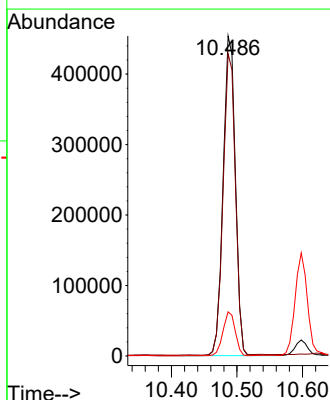
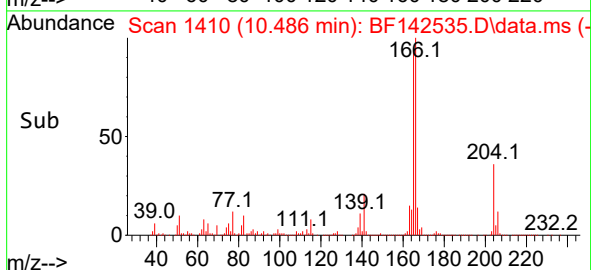
Supervised By :Jagrut Upadhyay 05/27/2025

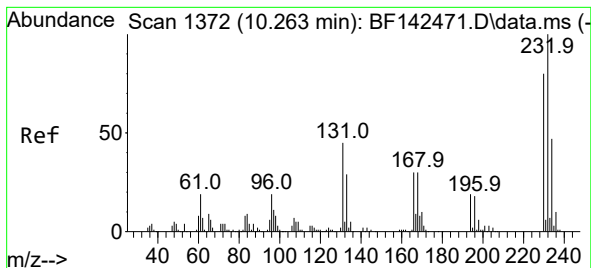


#58
Fluorene
Concen: 40.582 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07



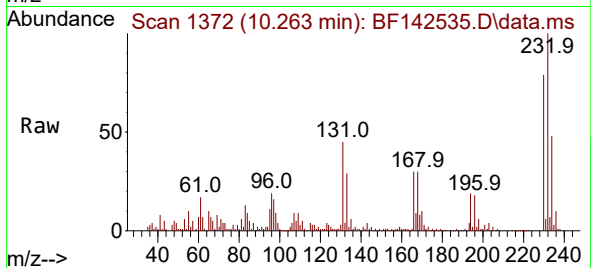
Tgt Ion:166 Resp: 584961
Ion Ratio Lower Upper
166 100
165 94.5 75.8 113.8
167 13.8 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.775 ng m
RT: 10.263 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

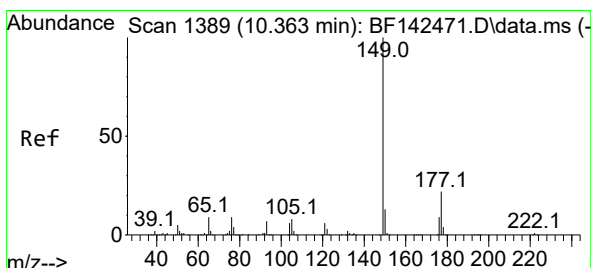
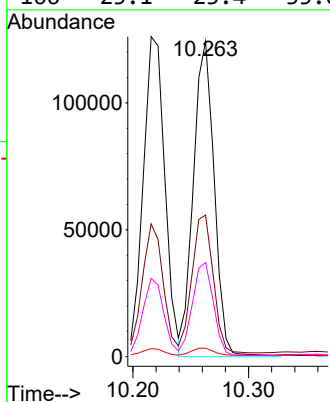
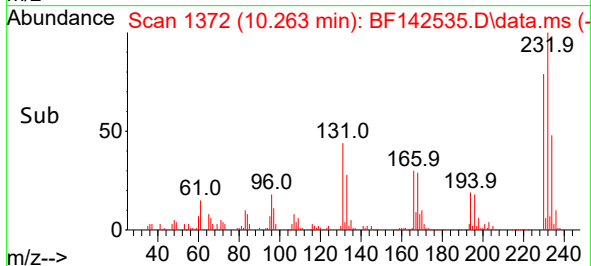
Instrument :
BNA_F
ClientSampleId :
RBR200044MSD



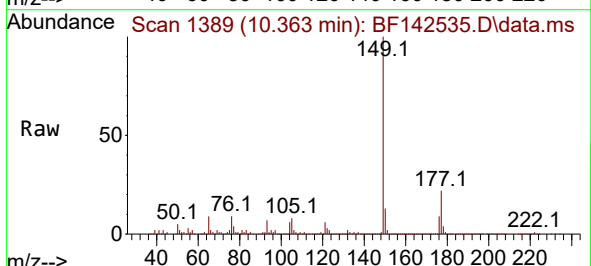
Tgt Ion:232 Resp: 156180
Ion Ratio Lower Upper
232 100
131 41.9 35.2 52.8
130 2.4 1.7 2.5
166 25.1 23.4 35.0

Manual Integrations
APPROVED

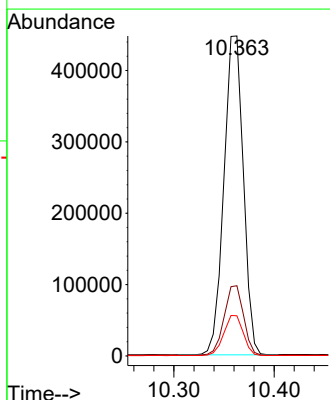
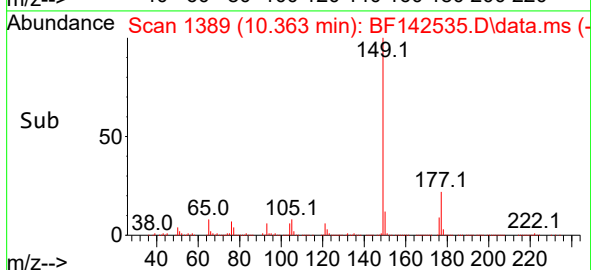
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

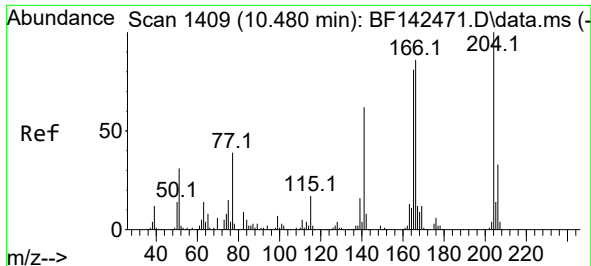


#60
Diethylphthalate
Concen: 42.647 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07



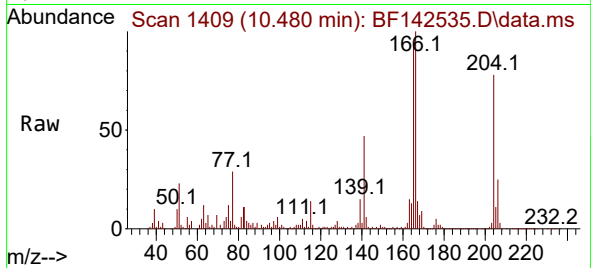
Tgt Ion:149 Resp: 602922
Ion Ratio Lower Upper
149 100
177 22.0 17.6 26.4
150 12.5 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 39.990 ng
RT: 10.480 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

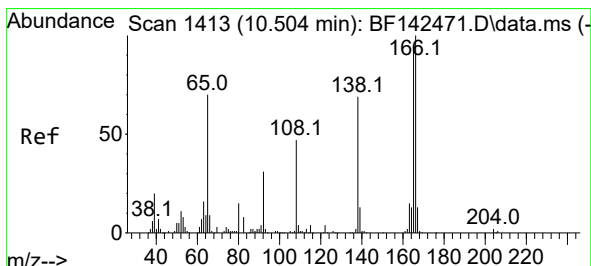
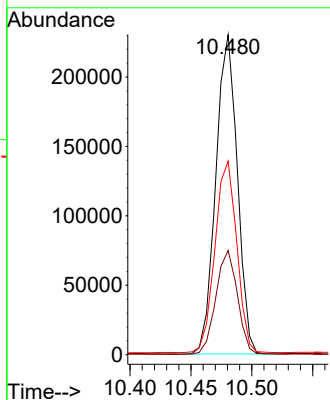
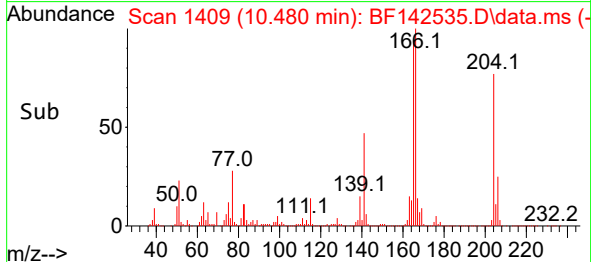
Instrument :
BNA_F
ClientSampleId :
RBR200044MSD



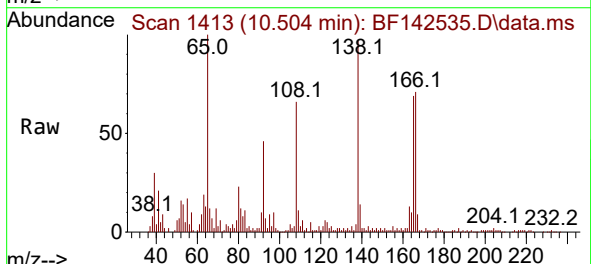
Tgt Ion:204 Resp: 28316
Ion Ratio Lower Upper
204 100
206 32.6 26.3 39.5
141 60.5 49.5 74.3

Manual Integrations
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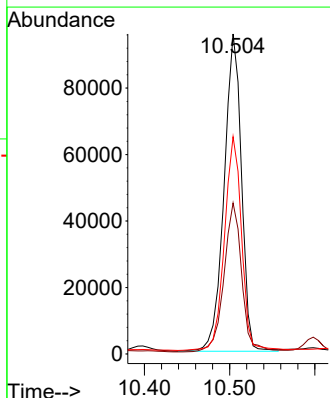
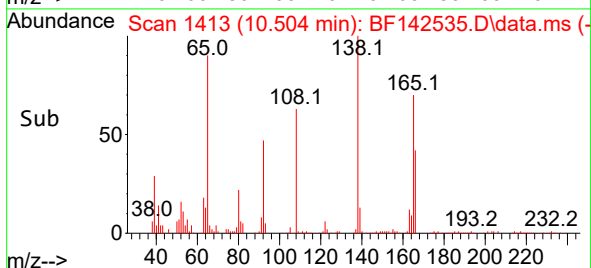
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

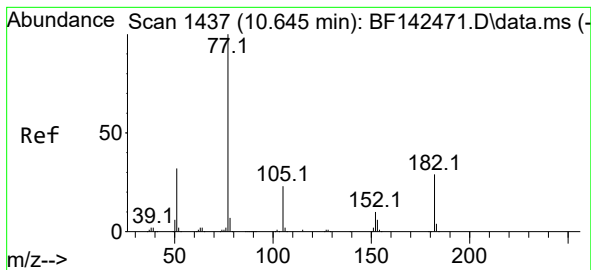


#62
4-Nitroaniline
Concen: 43.770 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07



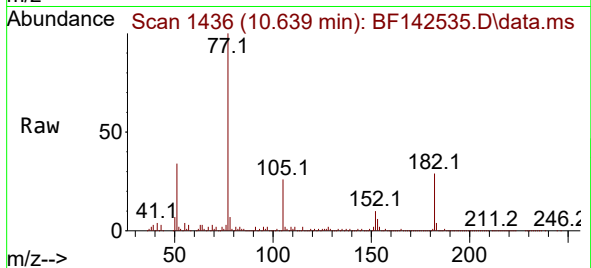
Tgt Ion:138 Resp: 135463
Ion Ratio Lower Upper
138 100
92 47.2 26.0 66.0
108 67.9 48.4 88.4





#63
Azobenzene
Concen: 47.478 ng
RT: 10.639 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

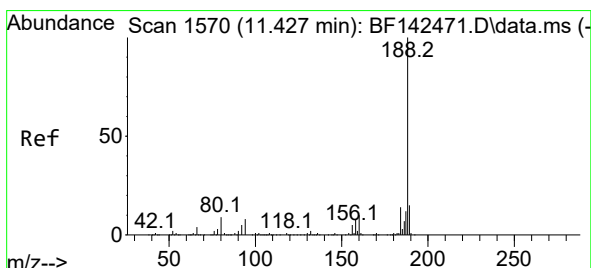
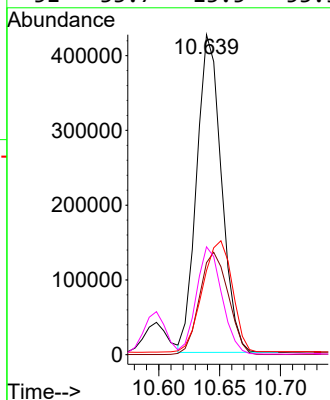
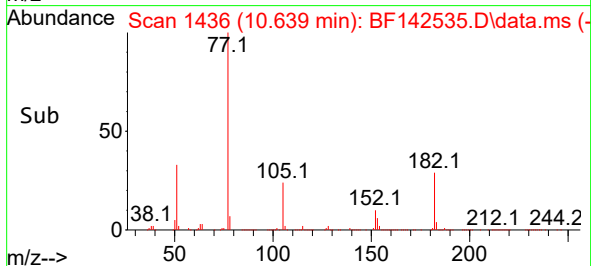
Instrument :
BNA_F
ClientSampleId :
RBR200044MSD



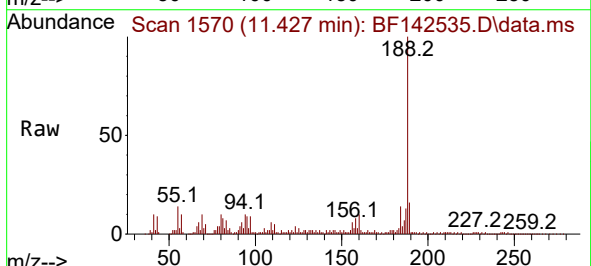
Tgt Ion: 77 Resp: 602872
Ion Ratio Lower Upper
77 100
182 28.7 9.0 49.0
105 26.3 2.4 42.4
51 33.7 13.5 53.5

Manual Integrations
APPROVED

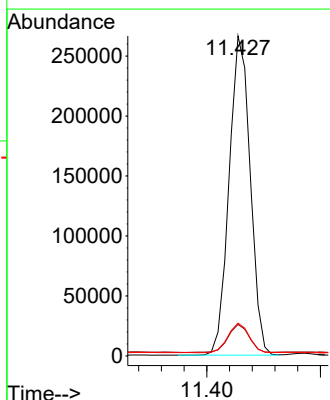
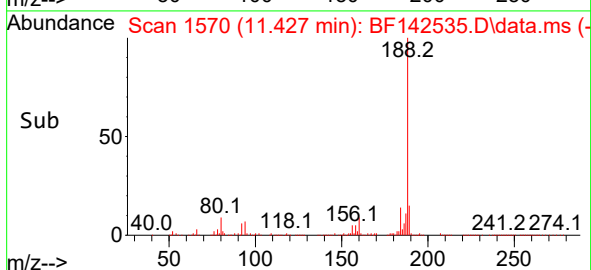
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

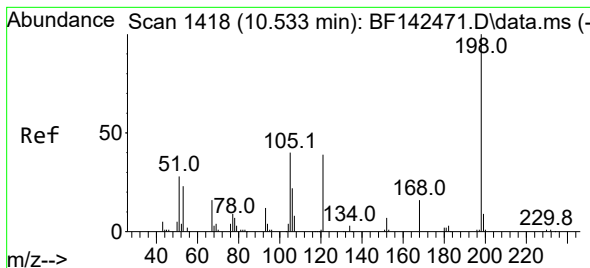


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07



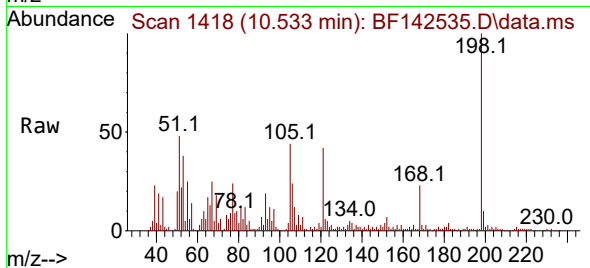
Tgt Ion:188 Resp: 343496
Ion Ratio Lower Upper
188 100
94 9.8 6.6 10.0
80 10.3 7.4 11.0





#65
4,6-Dinitro-2-methylphenol
Concen: 52.119 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

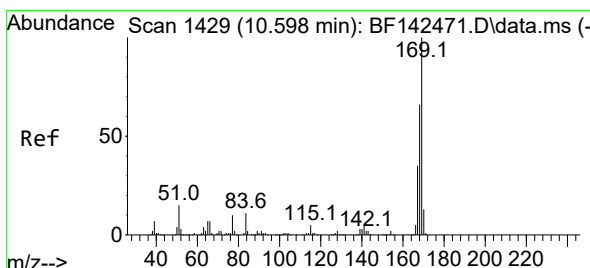
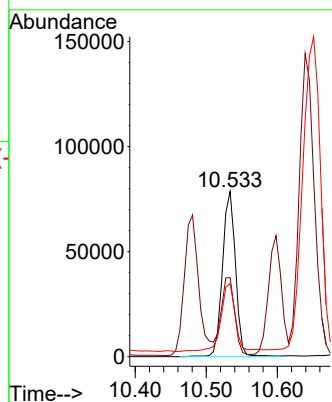
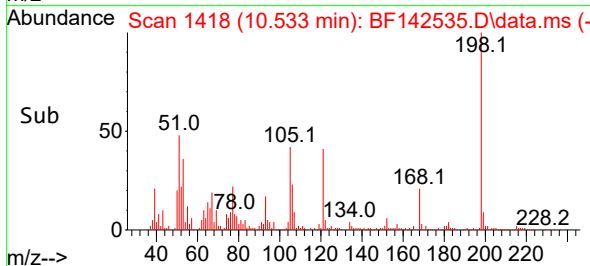
Instrument :
BNA_F
ClientSampleId :
RBR200044MSD



Tgt Ion:198 Resp: 99910
Ion Ratio Lower Upper
198 100
51 47.9 28.3 68.3
105 44.3 21.3 61.3

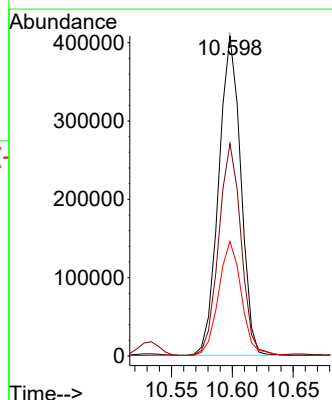
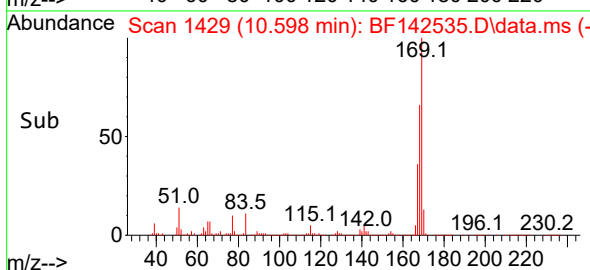
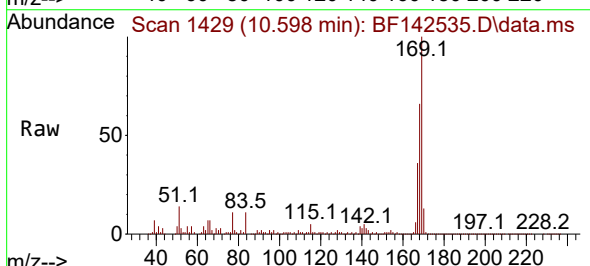
Manual Integrations
APPROVED

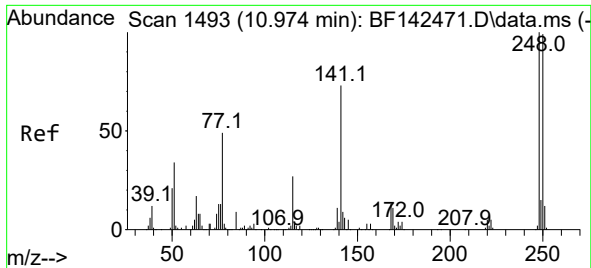
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#66
n-Nitrosodiphenylamine
Concen: 43.823 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

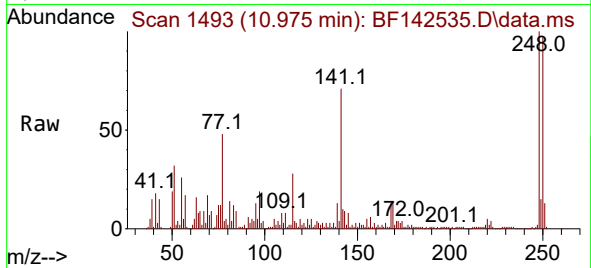
Tgt Ion:169 Resp: 514992
Ion Ratio Lower Upper
169 100
168 66.4 52.7 79.1
167 35.8 28.3 42.5





#67
4-Bromophenyl-phenylether
Concen: 42.468 ng
RT: 10.975 min Scan# 1493
Delta R.T. 0.000 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

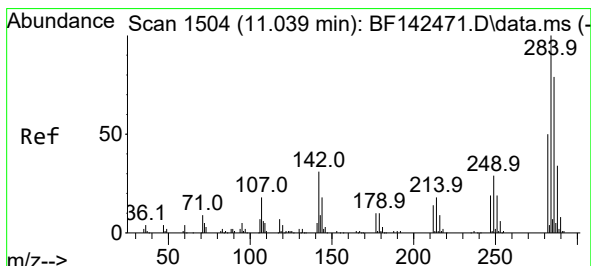
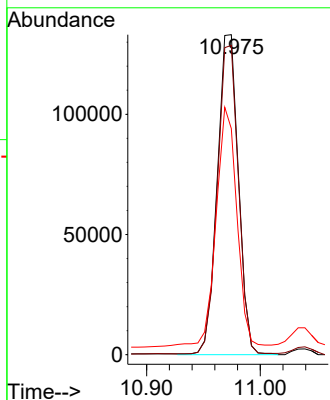
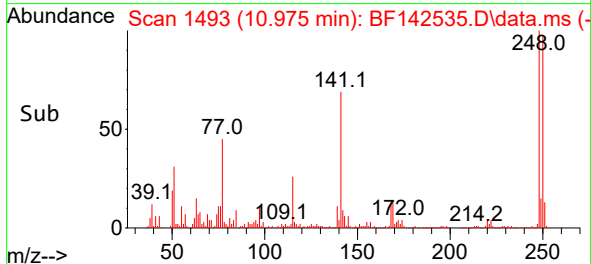
Instrument :
BNA_F
ClientSampleId :
RBR200044MSD



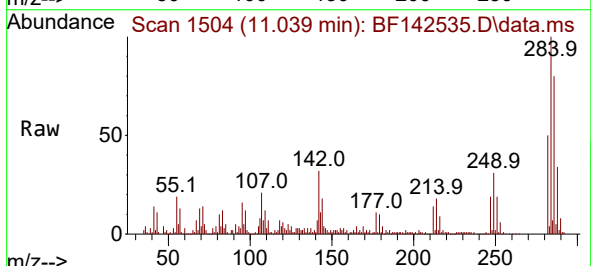
Tgt Ion:248 Resp: 172489
Ion Ratio Lower Upper
248 100
250 96.6 79.0 118.4
141 70.7 58.4 87.6

Manual Integrations
APPROVED

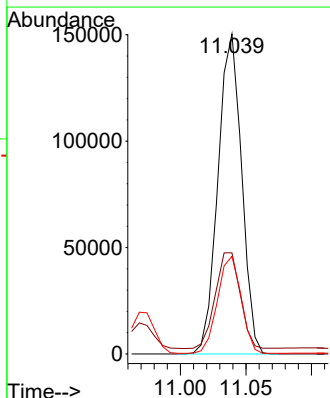
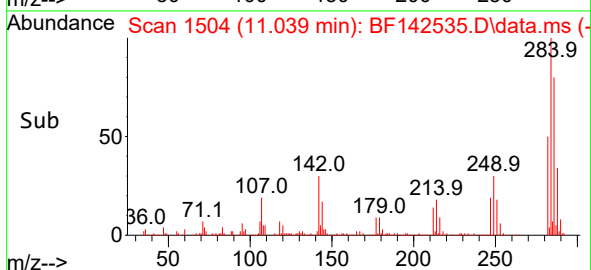
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

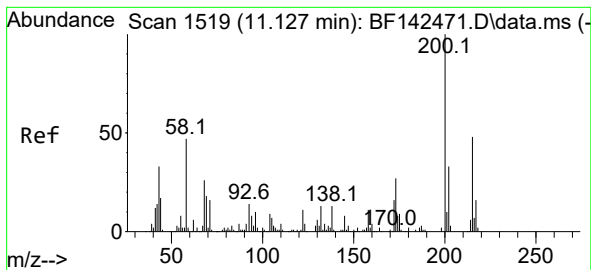


#68
Hexachlorobenzene
Concen: 41.953 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07



Tgt Ion:284 Resp: 188464
Ion Ratio Lower Upper
284 100
142 31.6 24.8 37.2
249 30.5 23.6 35.4





#69

Atrazine

Concen: 49.789 ng

RT: 11.127 min Scan# 1519

Delta R.T. 0.000 min

Lab File: BF142535.D

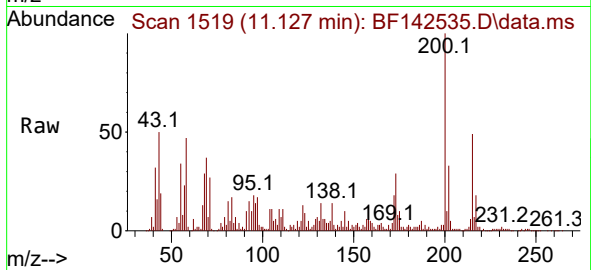
Acq: 23 May 2025 15:07

Instrument :

BNA_F

ClientSampleId :

RBR200044MSD



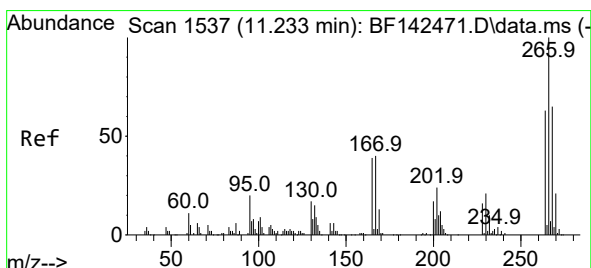
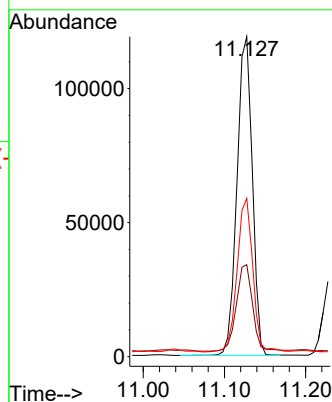
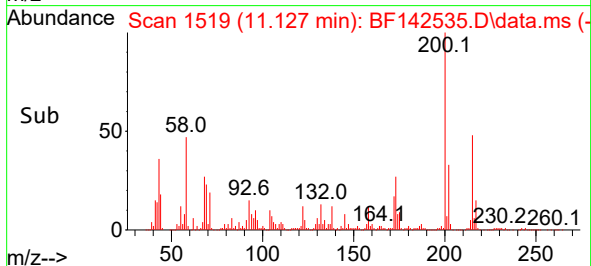
Tgt Ion:	200	Resp:	15538
Ion Ratio	Lower	Upper	
200	100		
173	28.7	7.4	47.4
215	49.5	28.5	68.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/27/2025

Supervised By :Jagrut Upadhyay 05/27/2025



#70

Pentachlorophenol

Concen: 88.406 ng

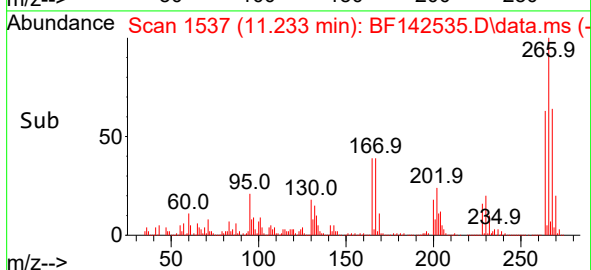
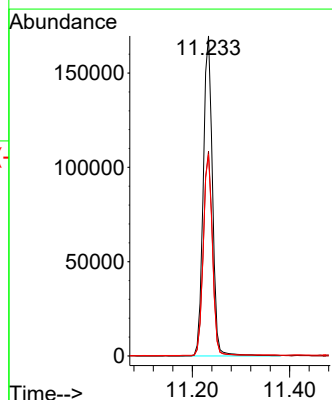
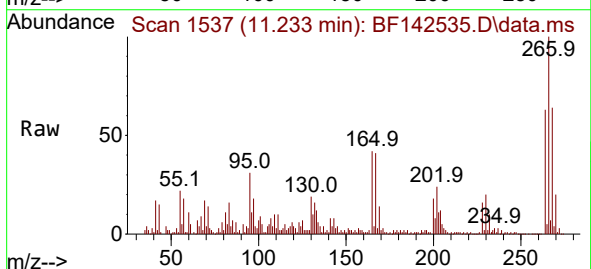
RT: 11.233 min Scan# 1537

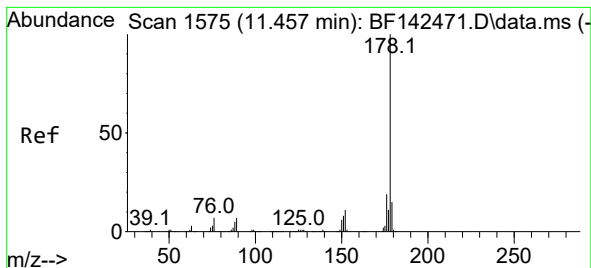
Delta R.T. 0.000 min

Lab File: BF142535.D

Acq: 23 May 2025 15:07

Tgt Ion:	266	Resp:	224219
Ion Ratio	Lower	Upper	
266	100		
268	63.9	51.7	77.5
264	63.0	50.4	75.6





#71

Phenanthrene

Concen: 42.086 ng

RT: 11.457 min Scan# 1575

Delta R.T. 0.000 min

Lab File: BF142535.D

Acq: 23 May 2025 15:07

Instrument :

BNA_F

ClientSampleId :

RBR200044MSD

Tgt Ion:178 Resp: 772583

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.0

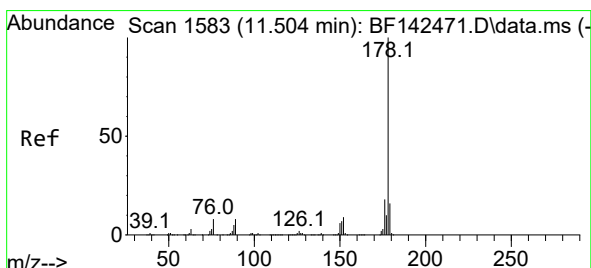
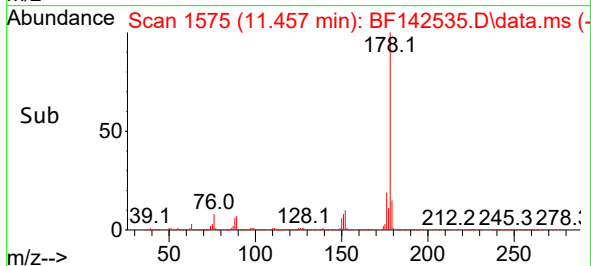
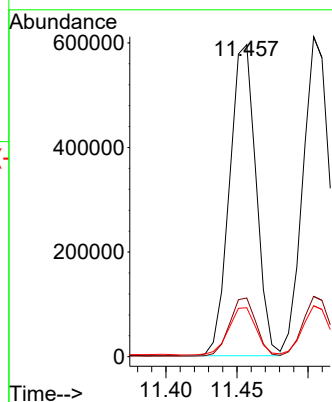
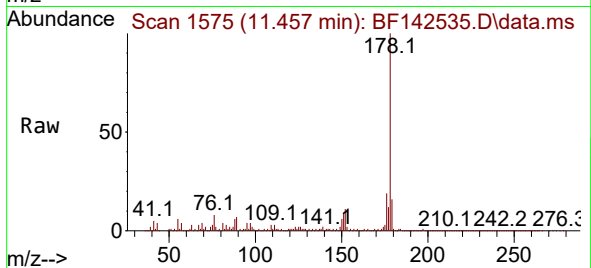
179 15.7 12.3 18.5

Manual Integrations

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Reviewed By :Rahul Chavli 05/27/2025

Supervised By :Jagrut Upadhyay 05/27/2025



#72

Anthracene

Concen: 42.076 ng

RT: 11.504 min Scan# 1583

Delta R.T. -0.006 min

Lab File: BF142535.D

Acq: 23 May 2025 15:07

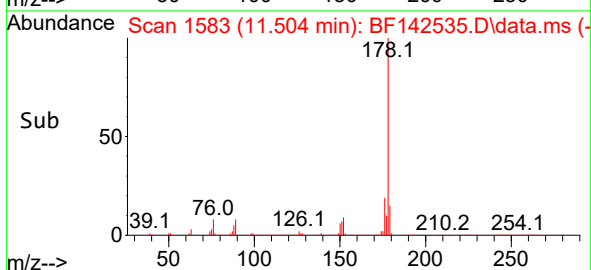
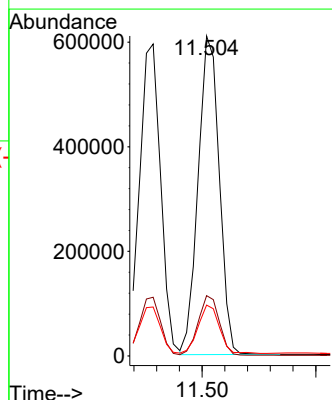
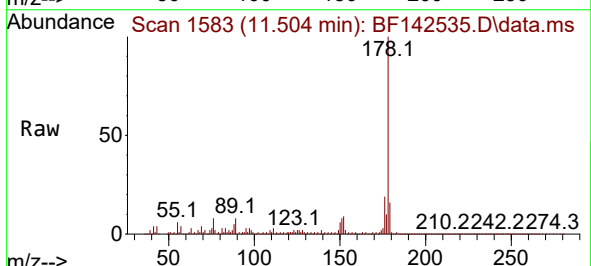
Tgt Ion:178 Resp: 788285

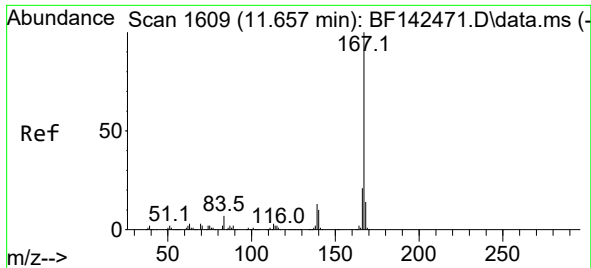
Ion Ratio Lower Upper

178 100

176 18.9 14.6 21.8

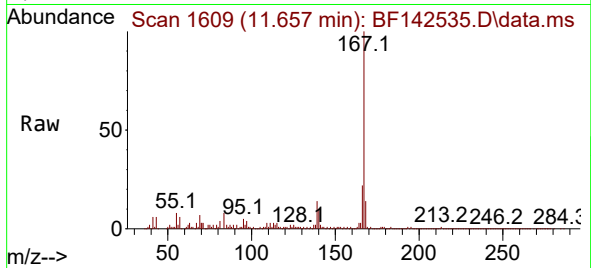
179 15.9 12.4 18.6





#73
 Carbazole
 Concen: 43.695 ng
 RT: 11.657 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF142535.D
 Acq: 23 May 2025 15:07

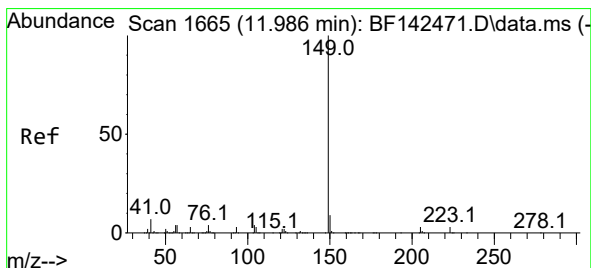
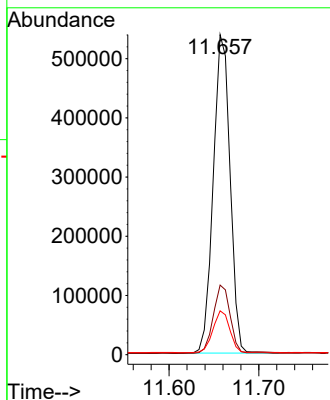
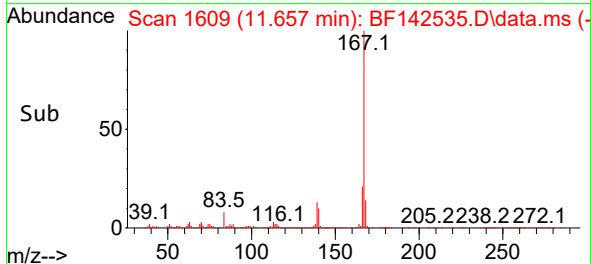
Instrument :
 BNA_F
 ClientSampleId :
 RBR200044MSD



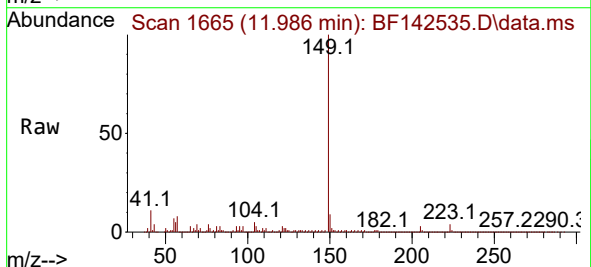
Tgt Ion:167 Resp: 699833
 Ion Ratio Lower Upper
 167 100
 166 21.7 16.9 25.3
 139 13.7 10.2 15.4

Manual Integrations
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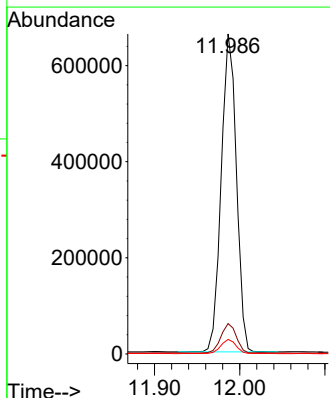
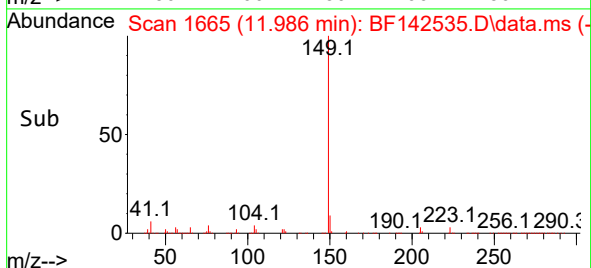
Reviewed By :Rahul Chavli 05/27/2025
 Supervised By :Jagrut Upadhyay 05/27/2025

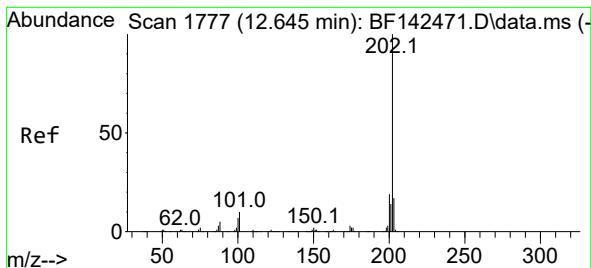


#74
 Di-n-butylphthalate
 Concen: 46.667 ng
 RT: 11.986 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF142535.D
 Acq: 23 May 2025 15:07



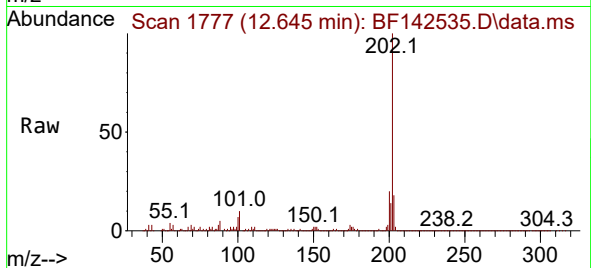
Tgt Ion:149 Resp: 818130
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.3 10.9
 104 4.5 3.6 5.4





#75
Fluoranthene
Concen: 43.655 ng
RT: 12.645 min Scan# 1777
Delta R.T. 0.000 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

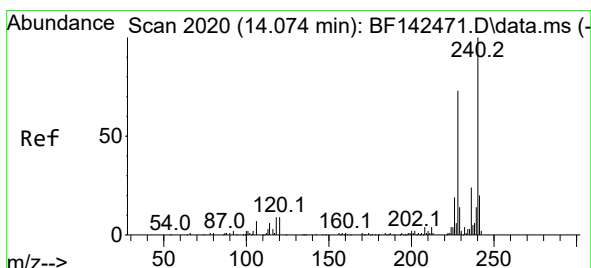
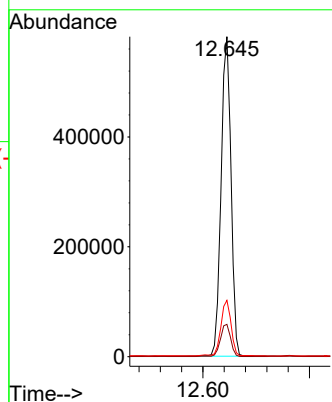
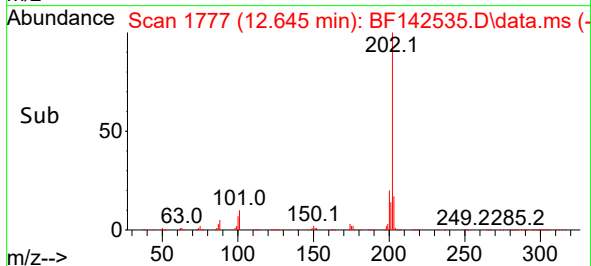
Instrument :
BNA_F
ClientSampleId :
RBR200044MSD



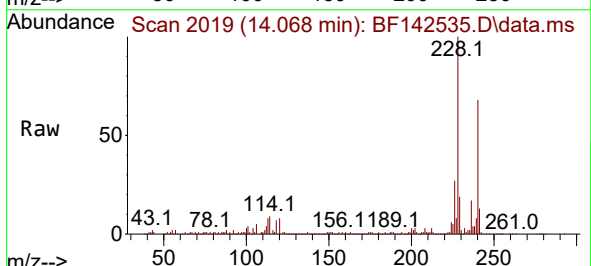
Tgt Ion:202 Resp: 74881
Ion Ratio Lower Upper
202 100
101 10.1 0.0 29.6
203 17.6 0.0 37.2

Manual Integrations
APPROVED

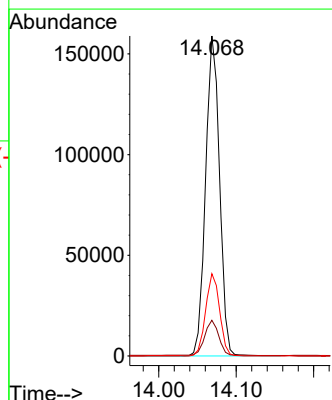
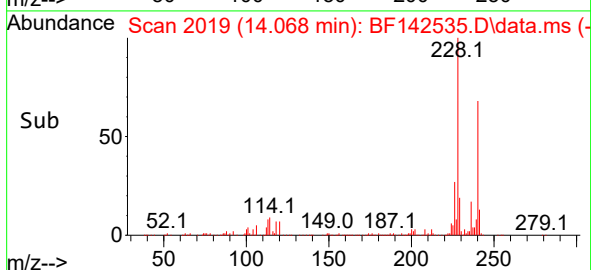
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

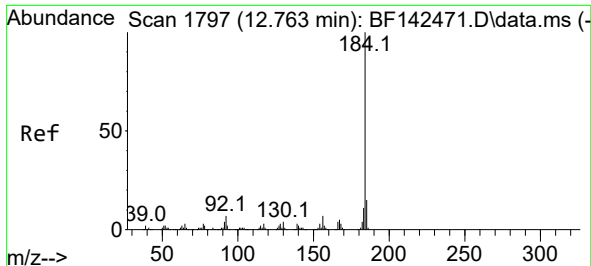


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07



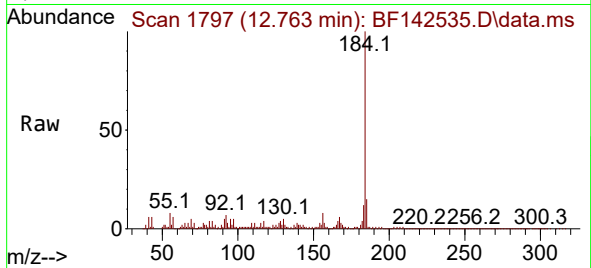
Tgt Ion:240 Resp: 198698
Ion Ratio Lower Upper
240 100
120 11.2 7.5 11.3
236 25.7 19.6 29.4





#77
Benzidine
Concen: 48.848 ng
RT: 12.763 min Scan# 1797
Delta R.T. 0.000 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

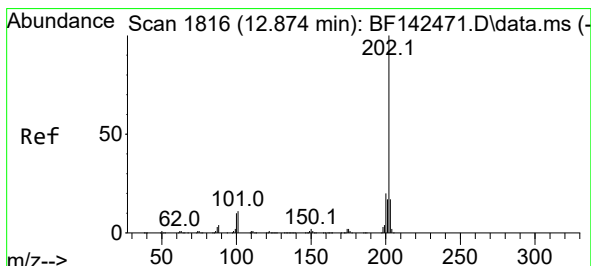
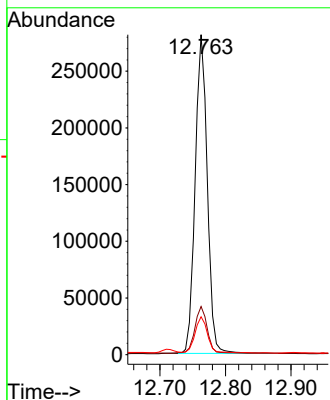
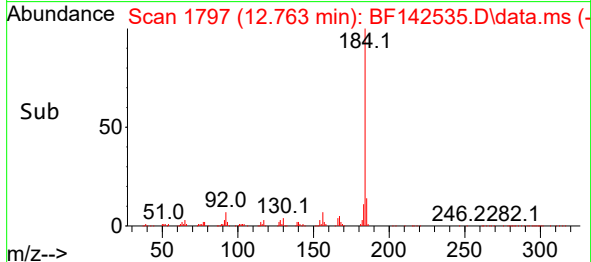
Instrument :
BNA_F
ClientSampleId :
RBR200044MSD



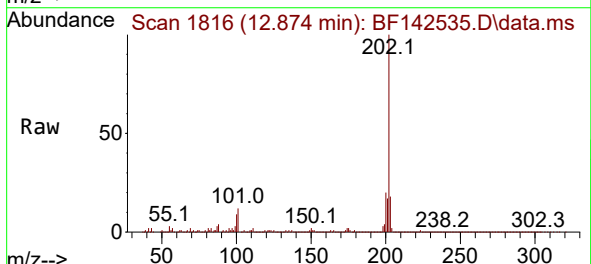
Tgt Ion:184 Resp: 361180
Ion Ratio Lower Upper
184 100
185 15.0 11.6 17.4
183 11.8 9.0 13.4

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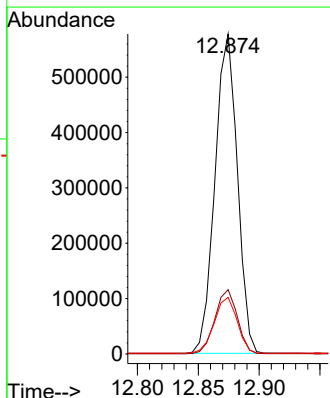
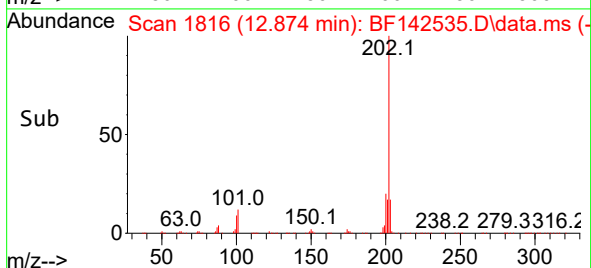
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

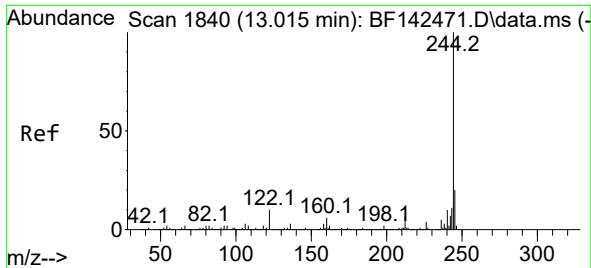


#78
Pyrene
Concen: 39.849 ng
RT: 12.874 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07



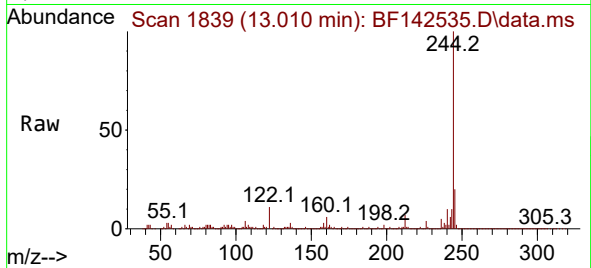
Tgt Ion:202 Resp: 738637
Ion Ratio Lower Upper
202 100
200 20.1 16.1 24.1
203 17.7 13.9 20.9





#79
 Terphenyl-d14
 Concen: 50.404 ng
 RT: 13.010 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF142535.D
 Acq: 23 May 2025 15:07

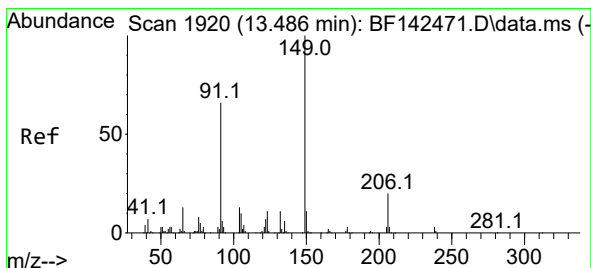
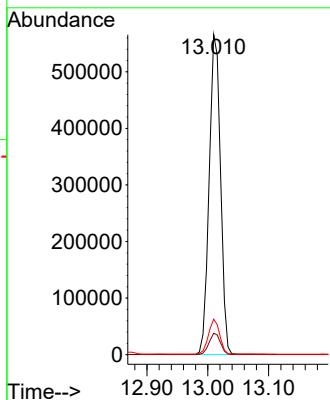
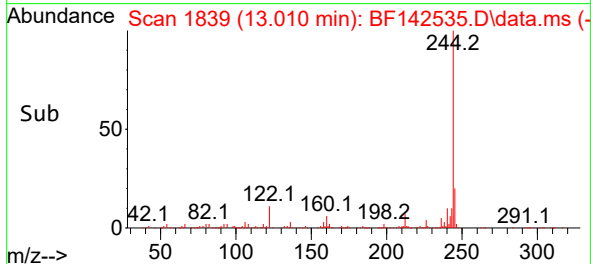
Instrument :
 BNA_F
 ClientSampleId :
 RBR200044MSD



Tgt Ion:244 Resp: 73288
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.3 7.9
 122 11.1 8.2 12.2

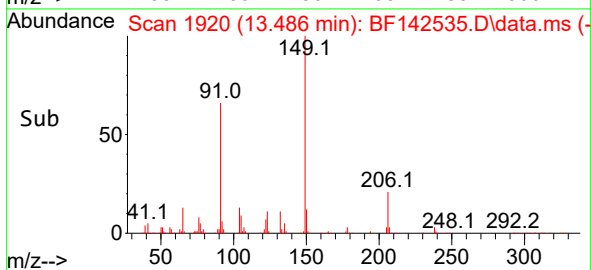
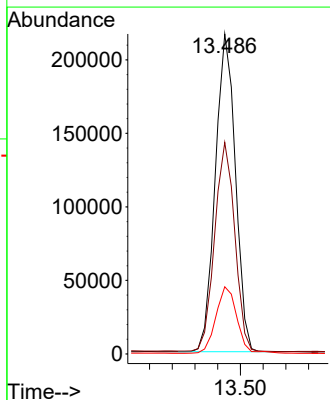
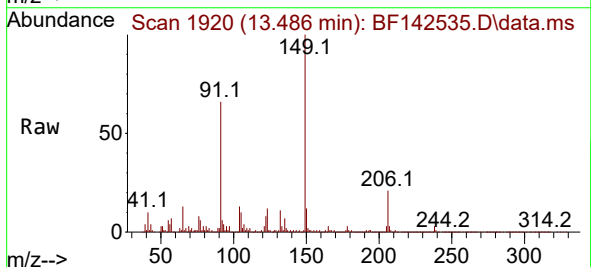
Manual Integrations
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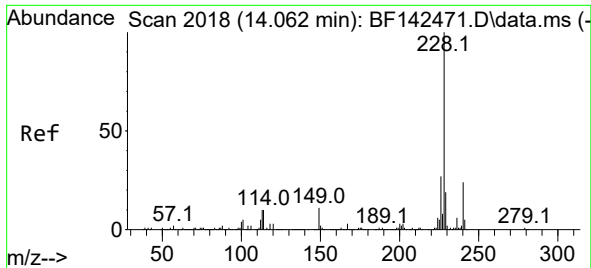
Reviewed By :Rahul Chavli 05/27/2025
 Supervised By :Jagrut Upadhyay 05/27/2025



#80
 Butylbenzylphthalate
 Concen: 51.891 ng
 RT: 13.486 min Scan# 1920
 Delta R.T. -0.006 min
 Lab File: BF142535.D
 Acq: 23 May 2025 15:07

Tgt Ion:149 Resp: 265770
 Ion Ratio Lower Upper
 149 100
 91 66.1 52.9 79.3
 206 21.0 16.2 24.2





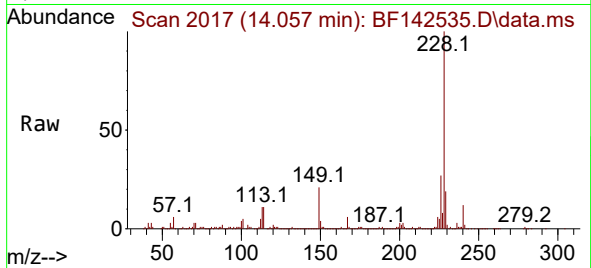
#81
Benzo(a)anthracene
Concen: 44.130 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

Instrument :

BNA_F

ClientSampleId :

RBR200044MSD

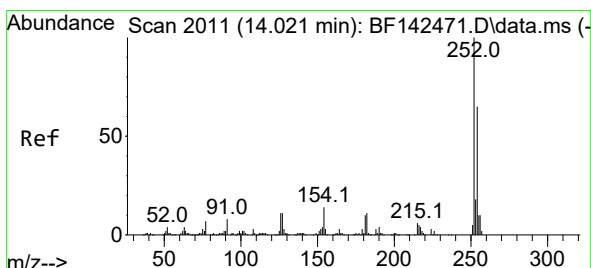
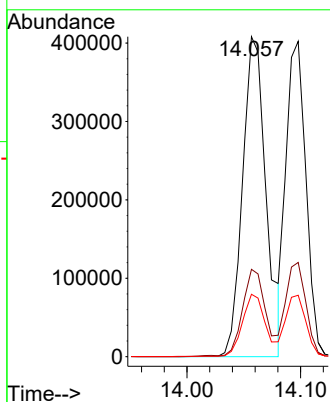
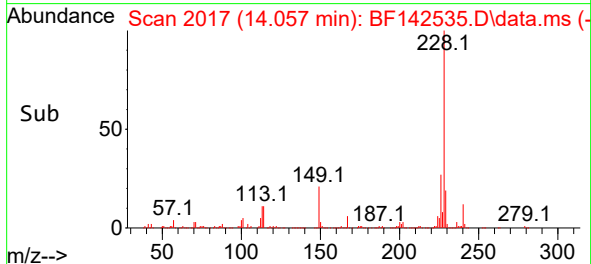


Tgt Ion:228 Resp: 58552
Ion Ratio Lower Upper
228 100
226 27.3 21.2 31.8
229 19.5 15.5 23.3

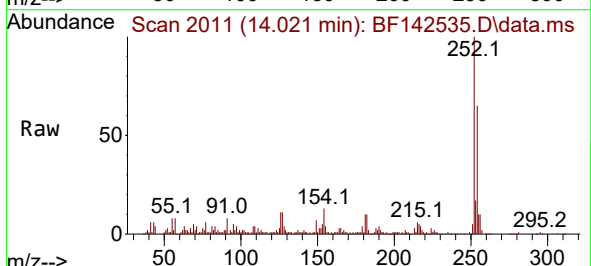
Manual Integrations

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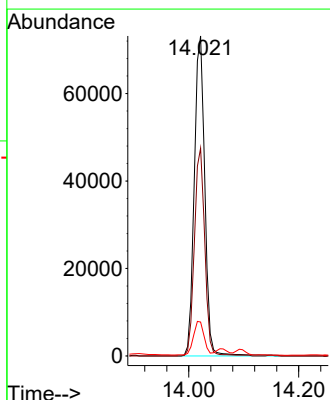
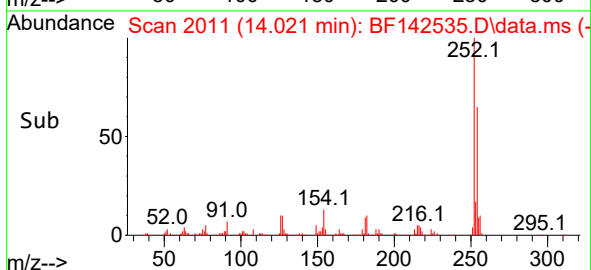
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

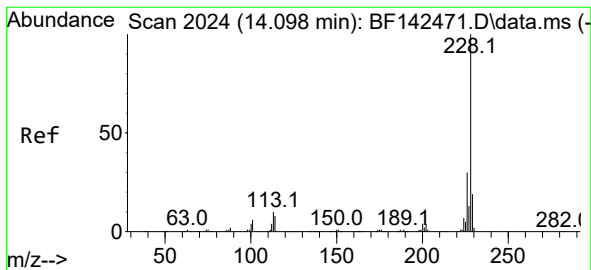


#82
3,3'-Dichlorobenzidine
Concen: 24.158 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07



Tgt Ion:252 Resp: 97220
Ion Ratio Lower Upper
252 100
254 64.9 52.0 78.0
126 10.6 8.9 13.3





#83

Chrysene

Concen: 41.046 ng

RT: 14.098 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF142535.D

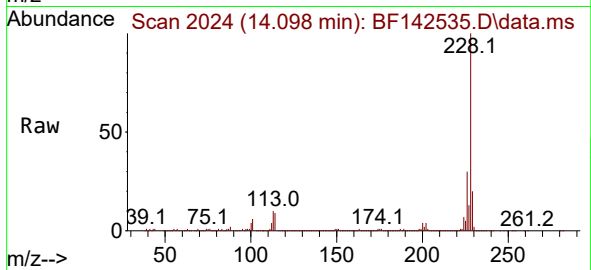
Acq: 23 May 2025 15:07

Instrument :

BNA_F

ClientSampleId :

RBR200044MSD



Tgt Ion:228 Resp: 489364

Ion Ratio Lower Upper

228 100

226 29.9 23.8 35.6

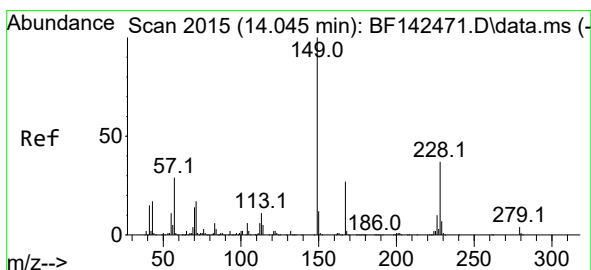
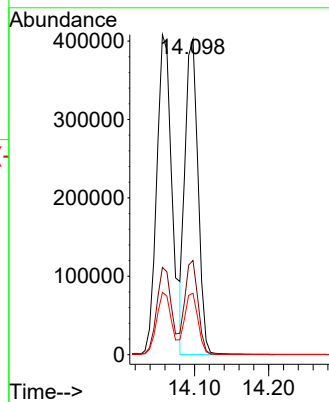
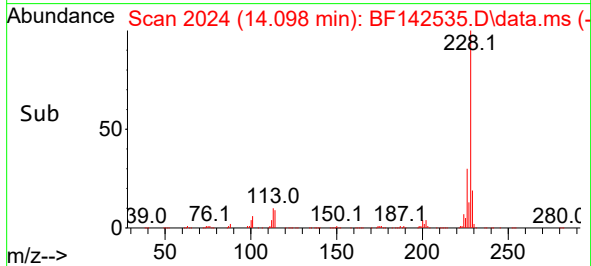
229 19.5 15.4 23.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/27/2025

Supervised By :Jagrut Upadhyay 05/27/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.910 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF142535.D

Acq: 23 May 2025 15:07

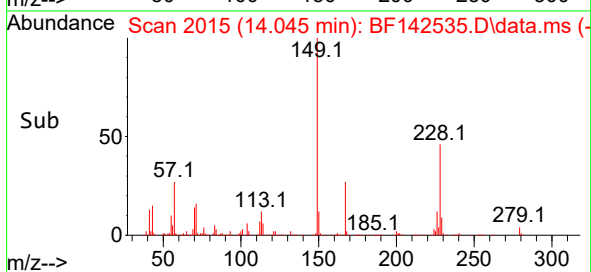
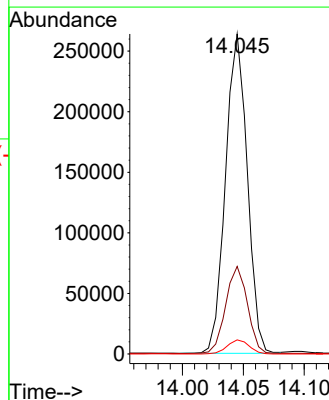
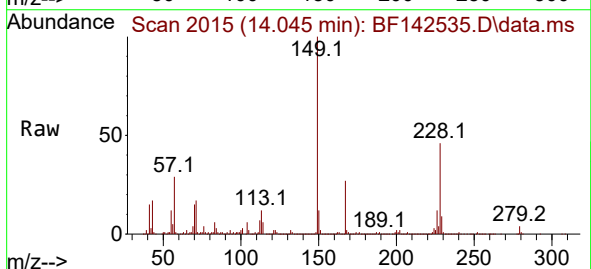
Tgt Ion:149 Resp: 327239

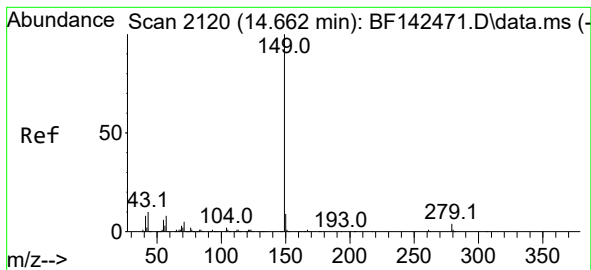
Ion Ratio Lower Upper

149 100

167 27.4 21.5 32.3

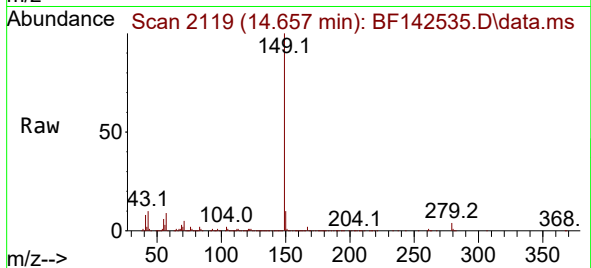
279 4.4 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 41.096 ng
RT: 14.657 min Scan# 2119
Delta R.T. -0.011 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

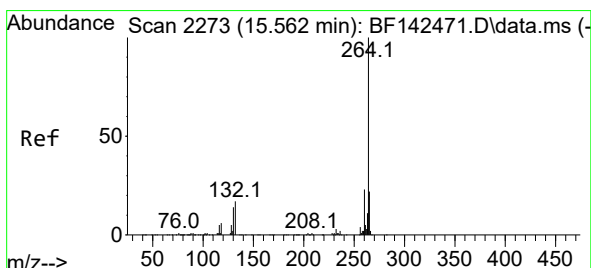
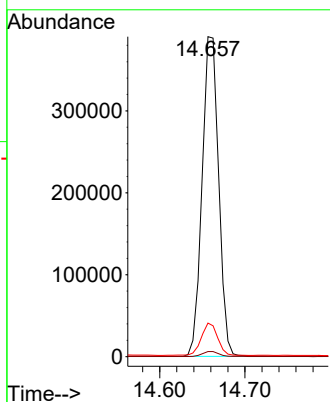
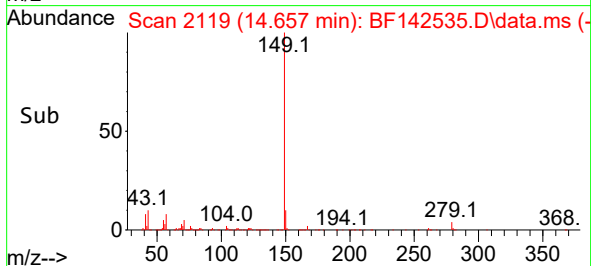
Instrument :
BNA_F
ClientSampleId :
RBR200044MSD



Tgt Ion:149 Resp: 526860
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.9 7.9 11.9

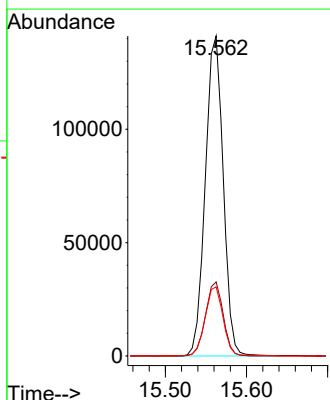
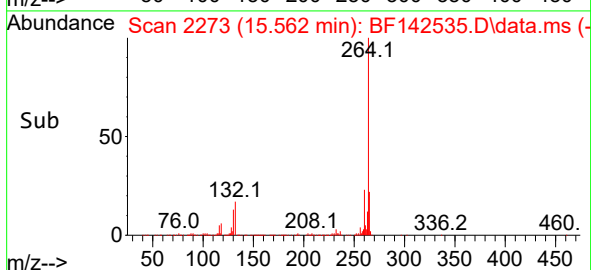
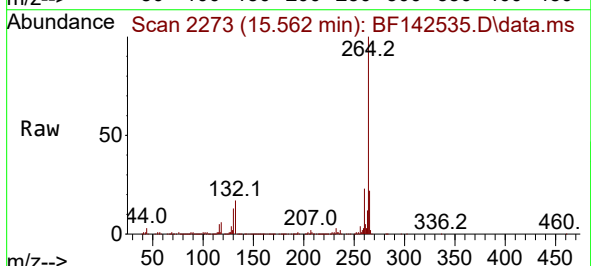
Manual Integrations
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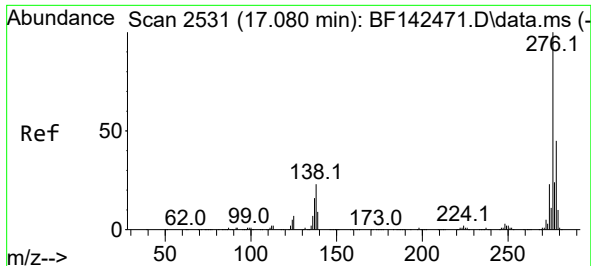
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

Tgt Ion:264 Resp: 216151
Ion Ratio Lower Upper
264 100
260 23.1 18.6 28.0
265 21.6 17.7 26.5





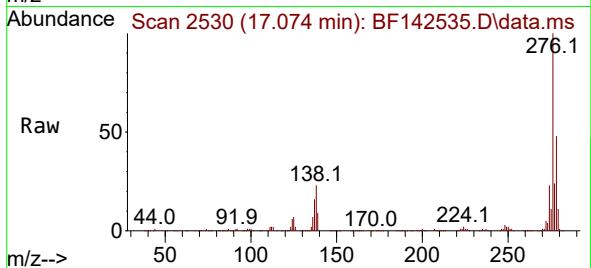
#87
Indeno(1,2,3-cd)pyrene
Concen: 41.162 ng
RT: 17.074 min Scan# 2198
Delta R.T. -0.018 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

Instrument :

BNA_F

ClientSampleId :

RBR200044MSD

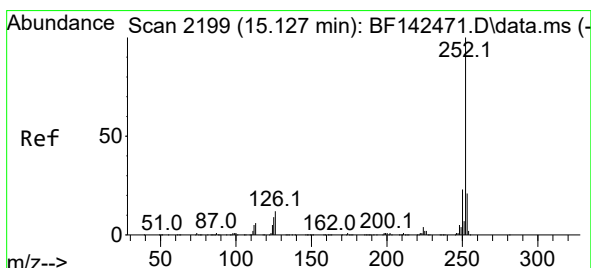
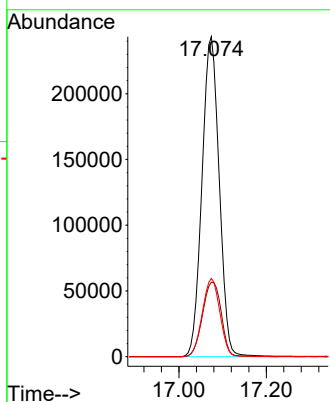
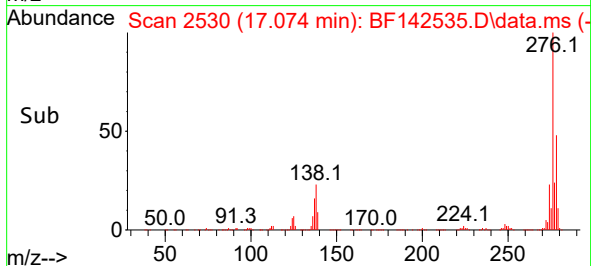


Tgt Ion:276 Resp: 66794
Ion Ratio Lower Upper
276 100
138 25.4 19.9 29.9
277 25.0 20.2 30.2

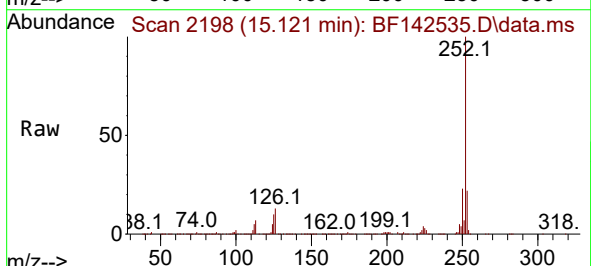
Manual Integrations

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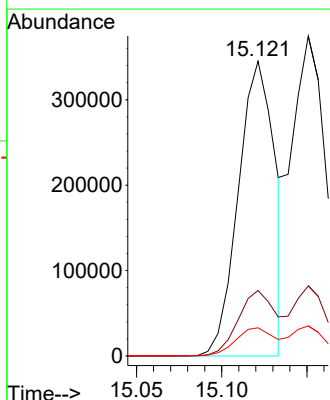
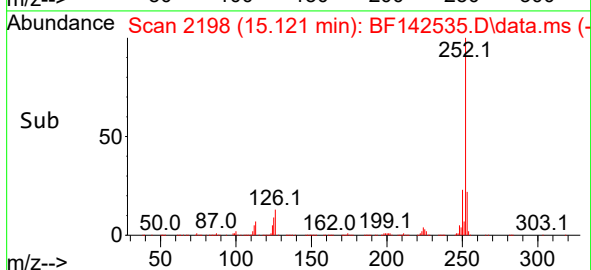
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

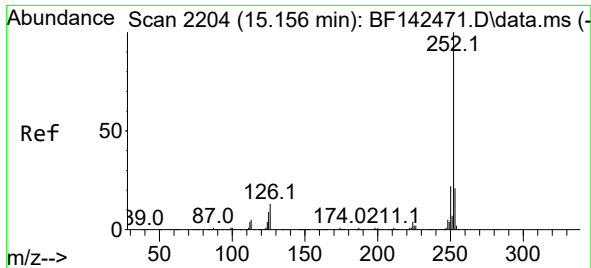


#88
Benzo(b)fluoranthene
Concen: 40.083 ng
RT: 15.121 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07



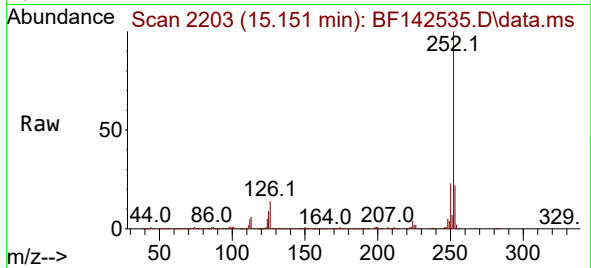
Tgt Ion:252 Resp: 512777
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.4
125 9.6 7.4 11.0





#89
Benzo(k)fluoranthene
Concen: 44.087 ng
RT: 15.151 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

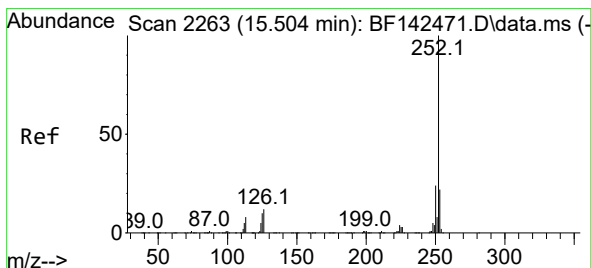
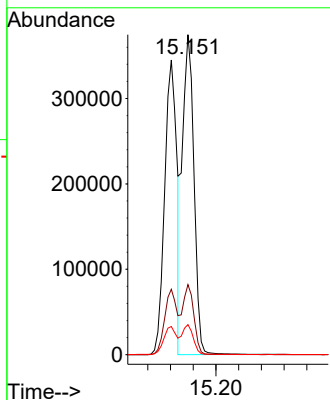
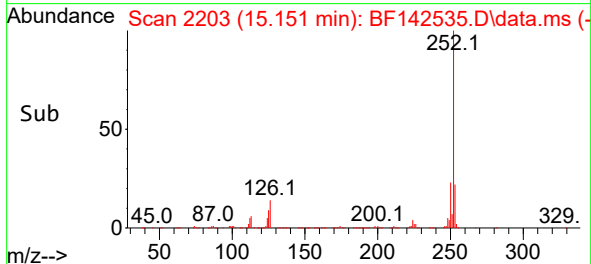
Instrument :
BNA_F
ClientSampleId :
RBR200044MSD



Tgt Ion:252 Resp: 52824
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.4
125 9.4 7.3 10.9

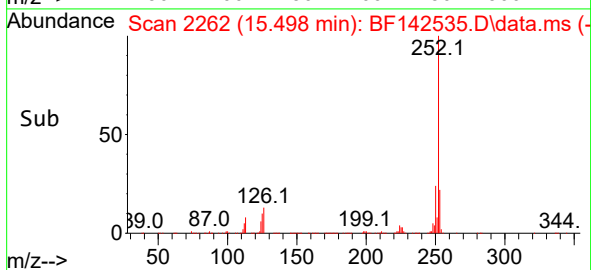
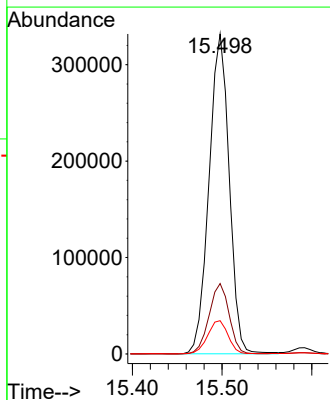
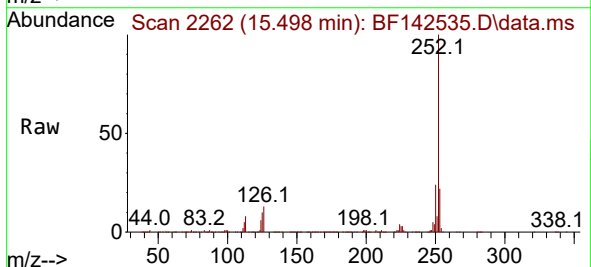
Manual Integrations
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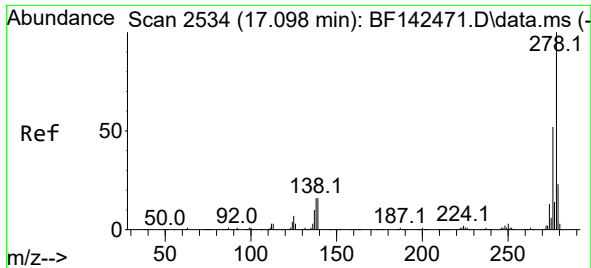
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#90
Benzo(a)pyrene
Concen: 42.949 ng
RT: 15.498 min Scan# 2262
Delta R.T. -0.012 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

Tgt Ion:252 Resp: 517897
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 10.4 7.9 11.9





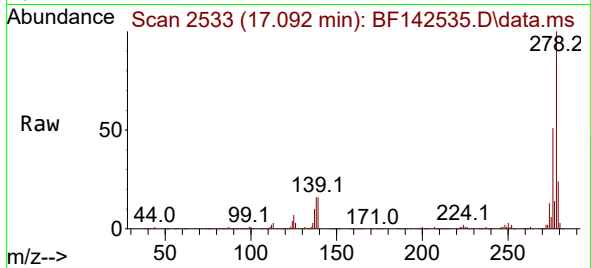
#91
Dibenzo(a,h)anthracene
Concen: 41.314 ng
RT: 17.092 min Scan# 21
Delta R.T. -0.023 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

Instrument :

BNA_F

ClientSampleId :

RBR200044MSD



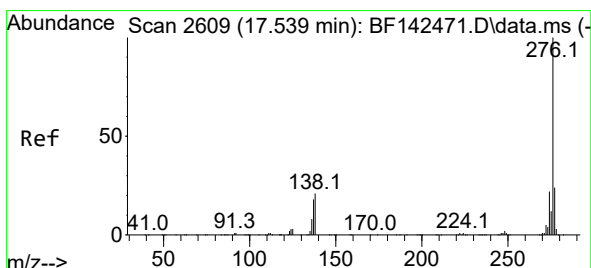
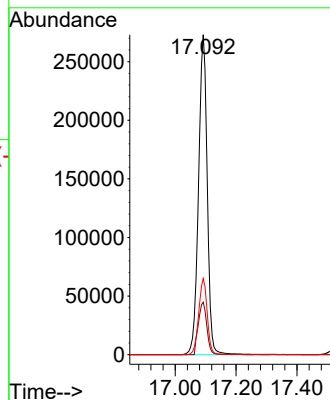
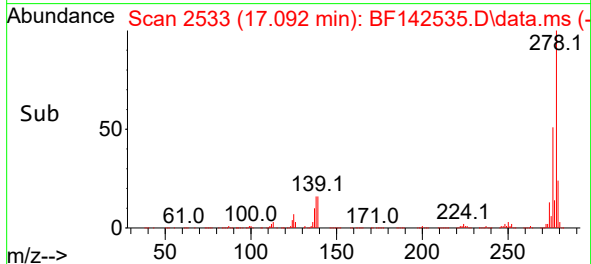
Tgt Ion:278 Resp: 543744
Ion Ratio Lower Upper
278 100
139 16.4 12.8 19.2
279 23.8 18.6 28.0

Manual Integrations

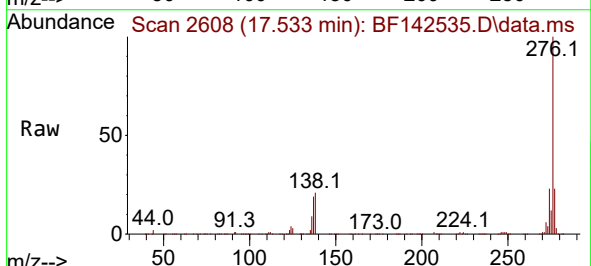
APPROVED

Reviewed By :Rahul Chavli 05/27/2025

Supervised By :Jagrut Upadhyay 05/27/2025



#92
Benzo(g,h,i)perylene
Concen: 41.483 ng
RT: 17.533 min Scan# 2608
Delta R.T. -0.023 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07



Tgt Ion:276 Resp: 546081
Ion Ratio Lower Upper
276 100
277 23.5 19.2 28.8
138 21.4 16.8 25.2

