

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
 Data File : BF143588.D
 Acq On : 26 Aug 2025 10:37
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/27/2025
 Supervised By :Jagrut Upadhyay 08/27/2025

Quant Time: Aug 26 16:12:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 26 14:38:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	126189	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	488557	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	269663	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	435462	20.000	ng	0.00
76) Chrysene-d12	14.051	240	257613	20.000	ng	0.00
86) Perylene-d12	15.527	264	236871	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	313716	42.313	ng	0.00
7) Phenol-d6	6.504	99	383824	41.797	ng	0.00
23) Nitrobenzene-d5	7.451	82	253620	37.066	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	89576	42.477	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	687949	43.618	ng	0.00
79) Terphenyl-d14	12.998	244	629061	43.819	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	74760	20.611	ng	100
3) Pyridine	3.440	79	192454	21.130	ng	100
4) n-Nitrosodimethylamine	3.375	42	86200	19.889	ng	100
6) Aniline	6.551	93	271443	21.174	ng	100
8) 2-Chlorophenol	6.675	128	162297	20.690	ng	98
9) Benzaldehyde	6.440	77	128481	18.594	ng	98
10) Phenol	6.516	94	217020	21.071	ng	99
11) bis(2-Chloroethyl)ether	6.622	93	169267	21.447	ng	99
12) 1,3-Dichlorobenzene	6.834	146	192269	21.339	ng	99
13) 1,4-Dichlorobenzene	6.910	146	193768	21.327	ng	99
14) 1,2-Dichlorobenzene	7.063	146	183912	21.341	ng	98
15) Benzyl Alcohol	7.022	79	143246	20.814	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	313039	21.488	ng	99
17) 2-Methylphenol	7.128	107	139460	20.943	ng	99
18) Hexachloroethane	7.410	117	61025	21.139	ng	100
19) n-Nitroso-di-n-propyla...	7.298	70	122088	20.986	ng	99
20) 3+4-Methylphenols	7.281	107	178040	21.769	ng	# 87
22) Acetophenone	7.298	105	233899	21.258	ng	98
24) Nitrobenzene	7.469	77	149004	20.312	ng	100
25) Isophorone	7.710	82	333517	20.828	ng	99
26) 2-Nitrophenol	7.787	139	39289	18.004	ng	99
27) 2,4-Dimethylphenol	7.816	122	144884	20.796	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	206931	21.360	ng	99
29) 2,4-Dichlorophenol	8.022	162	141331	21.055	ng	100
30) 1,2,4-Trichlorobenzene	8.110	180	144742	20.652	ng	99
31) Naphthalene	8.192	128	503723	21.340	ng	100
32) Benzoic acid	7.892	122	44690m	19.212	ng	
33) 4-Chloroaniline	8.239	127	175911	21.095	ng	98
34) Hexachlorobutadiene	8.316	225	92307	20.901	ng	100
35) Caprolactam	8.587	113	38224	20.044	ng	98
36) 4-Chloro-3-methylphenol	8.710	107	146566	20.885	ng	99
37) 2-Methylnaphthalene	8.887	142	334216	21.440	ng	100
38) 1-Methylnaphthalene	8.987	142	320083	21.276	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	149310	21.287	ng	98
41) Hexachlorocyclopentadiene	9.039	237	67112	19.450	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	96167	20.748	ng	99

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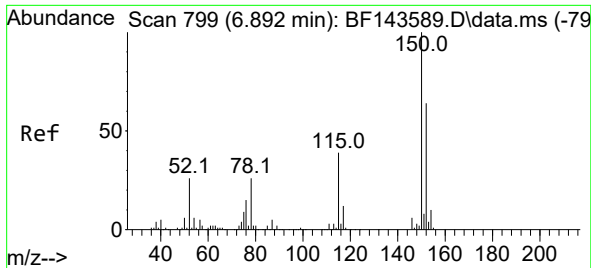
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	97036	20.719	ng	100
46) 1,1'-Biphenyl	9.345	154	399040	21.326	ng	99
47) 2-Chloronaphthalene	9.375	162	308140	20.847	ng	98
48) 2-Nitroaniline	9.463	65	60748	17.775	ng	96
49) Acenaphthylene	9.786	152	461493	21.459	ng	99
50) Dimethylphthalate	9.639	163	352224	21.235	ng	99
51) 2,6-Dinitrotoluene	9.704	165	39185	17.446	ng	97
52) Acenaphthene	9.963	154	300626	21.341	ng	99
53) 3-Nitroaniline	9.869	138	52343	18.640	ng	# 94
54) 2,4-Dinitrophenol	9.975	184	8735	18.641	ng	# 1
55) Dibenzofuran	10.134	168	444398	21.517	ng	98
56) 4-Nitrophenol	10.016	139	43472	19.508	ng	98
57) 2,4-Dinitrotoluene	10.104	165	50144	17.175	ng	95
58) Fluorene	10.475	166	331877	21.402	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	73703	21.286	ng	100
60) Diethylphthalate	10.345	149	331543	21.329	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	162506	21.428	ng	98
62) 4-Nitroaniline	10.481	138	51496	18.883	ng	97
63) Azobenzene	10.628	77	340432	21.601	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	15397	18.075	ng	98
66) n-Nitrosodiphenylamine	10.581	169	288398	20.821	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	99160	21.052	ng	98
68) Hexachlorobenzene	11.022	284	105499	20.940	ng	98
69) Atrazine	11.110	200	81959	20.585	ng	99
70) Pentachlorophenol	11.210	266	54701	19.003	ng	99
71) Phenanthrene	11.439	178	490642	21.044	ng	99
72) Anthracene	11.486	178	501308	21.336	ng	99
73) Carbazole	11.639	167	431428	21.242	ng	100
74) Di-n-butylphthalate	11.975	149	440920	21.314	ng	100
75) Fluoranthene	12.622	202	463951	21.794	ng	99
77) Benzidine	12.745	184	168467	27.609	ng	99
78) Pyrene	12.851	202	466310	21.629	ng	99
80) Butylbenzylphthalate	13.474	149	99354	18.739	ng	99
81) Benzo(a)anthracene	14.039	228	331781	20.471	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	87340	20.100	ng	98
83) Chrysene	14.074	228	320345	21.209	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	136406	19.370	ng	99
85) Di-n-octyl phthalate	14.651	149	216458	18.941	ng	99
87) Indeno(1,2,3-cd)pyrene	17.015	276	346199	21.482	ng	100
88) Benzo(b)fluoranthene	15.092	252	267822	19.789	ng	99
89) Benzo(k)fluoranthene	15.121	252	275954	21.807	ng	99
90) Benzo(a)pyrene	15.463	252	245034	20.491	ng	100
91) Dibenzo(a,h)anthracene	17.039	278	282029	21.382	ng	99
92) Benzo(g,h,i)perylene	17.468	276	273261	20.926	ng	100

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



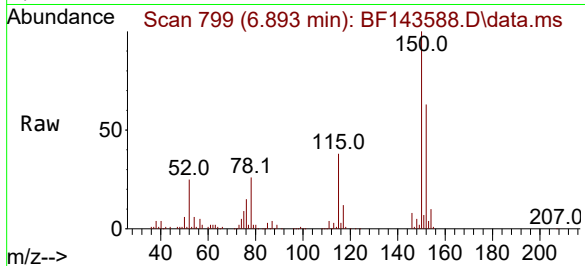
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 799
Delta R.T. 0.001 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Instrument :

BNA_F

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SSTDICC020

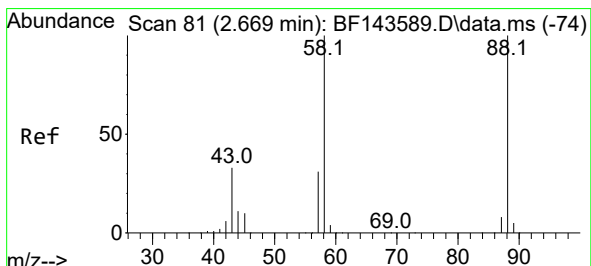
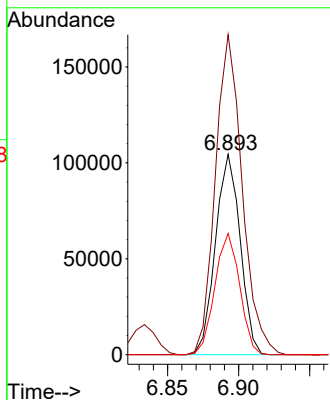
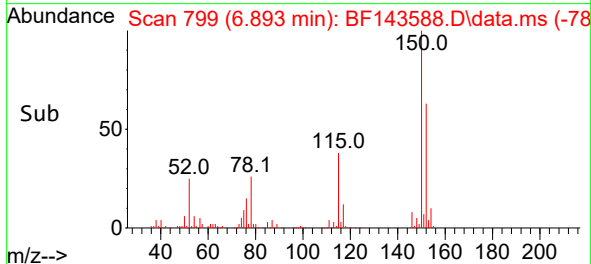


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Ion Ratio Lower Upper
152 100
150 159.8 124.9 187.3
115 60.5 48.0 72.0

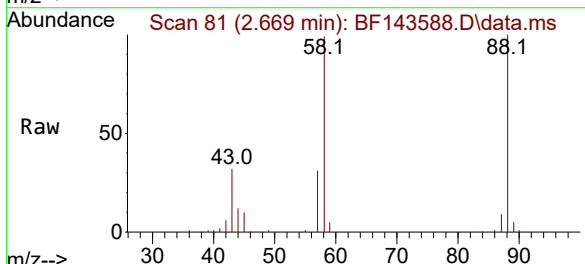
Manual Integrations

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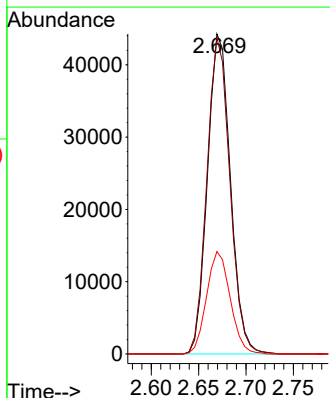
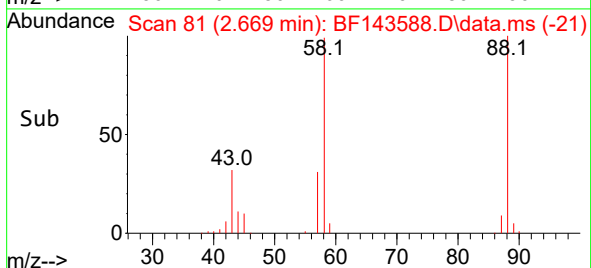
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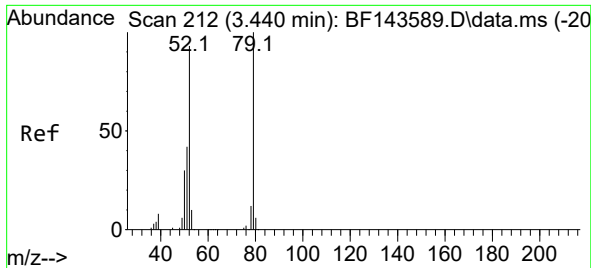


#2
1,4-Dioxane
Concen: 20.611 ng
RT: 2.669 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37



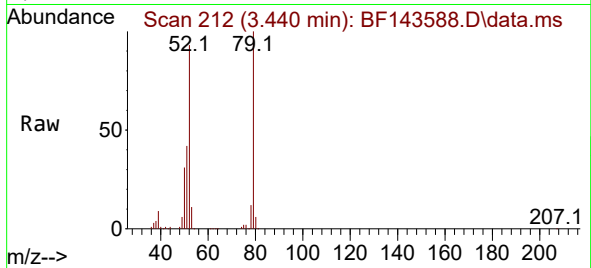
Tgt Ion: 88 Resp: 74760
Ion Ratio Lower Upper
88 100
58 99.0 79.2 118.8
43 32.9 26.2 39.2





#3
Pyridine
Concen: 21.130 ng
RT: 3.440 min Scan# 212
Delta R.T. 0.000 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

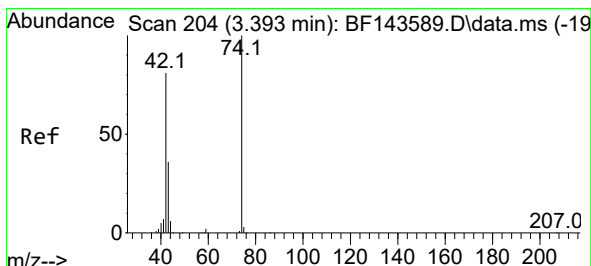
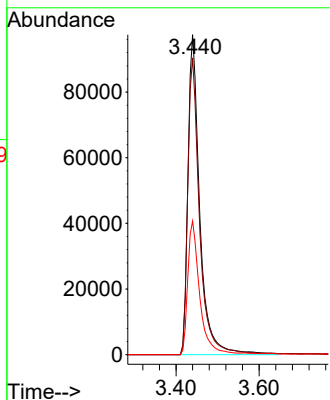
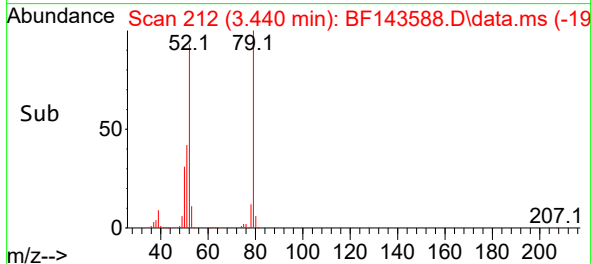
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



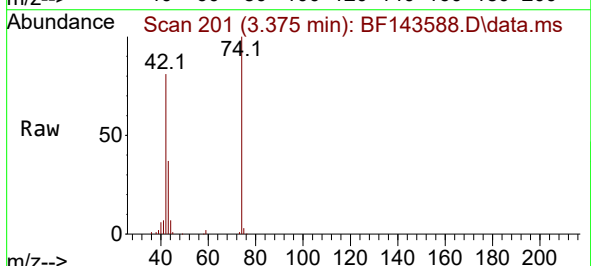
Tgt Ion: 79 Resp: 192454
Ion Ratio Lower Upper
79 100
52 92.8 74.3 111.5
51 41.7 33.5 50.3

Manual Integrations
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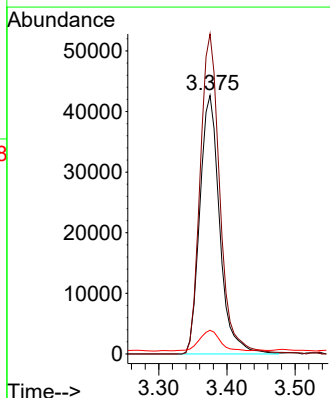
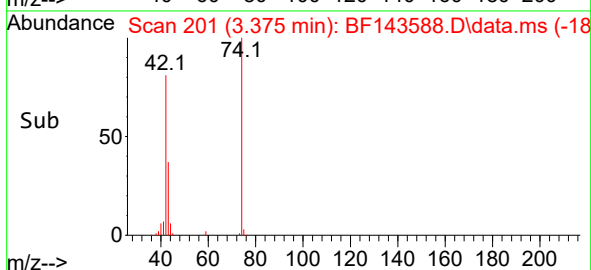
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Supervised By :Jagrut Upadhyay 08/27/2025

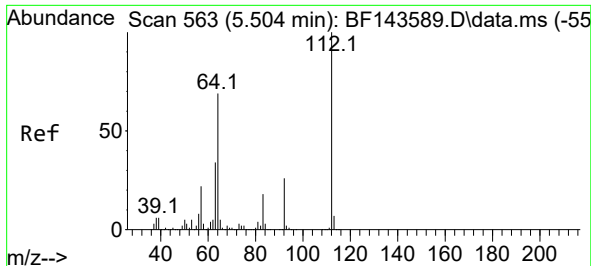


#4
n-Nitrosodimethylamine
Concen: 19.889 ng
RT: 3.375 min Scan# 201
Delta R.T. -0.017 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37



Tgt Ion: 42 Resp: 86200
Ion Ratio Lower Upper
42 100
74 123.7 98.9 148.3
44 9.1 7.0 10.4





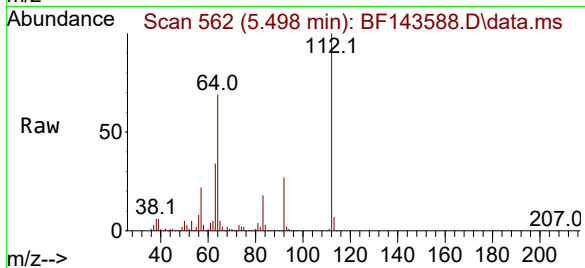
#5
2-Fluorophenol
Concen: 42.313 ng
RT: 5.498 min Scan# 50
Delta R.T. -0.006 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



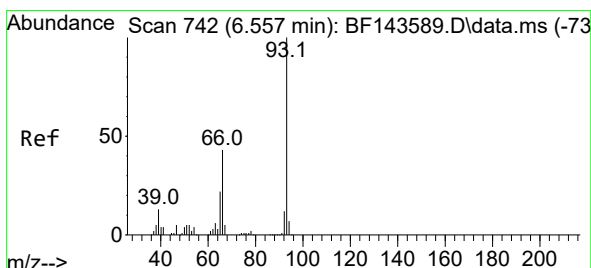
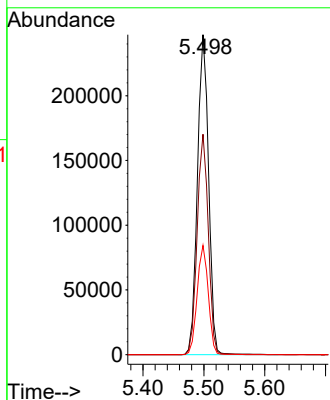
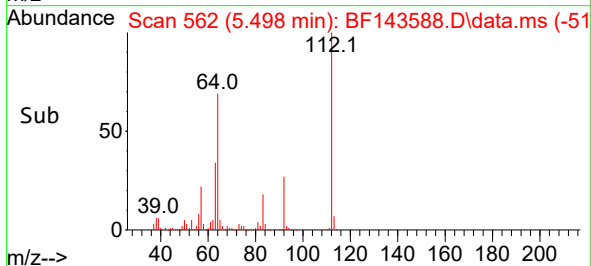
Tgt Ion:112 Resp: 313710
Ion Ratio Lower Upper
112 100
64 68.9 54.8 82.2
63 34.2 27.6 41.4

Manual Integrations

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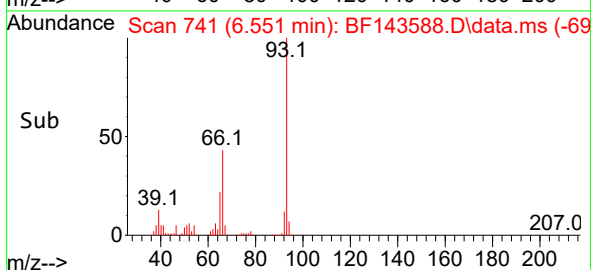
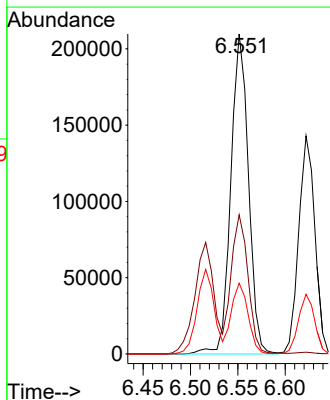
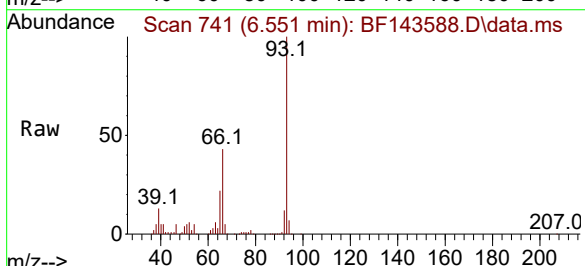
Reviewed By :Rahul Chavli 08/27/2025

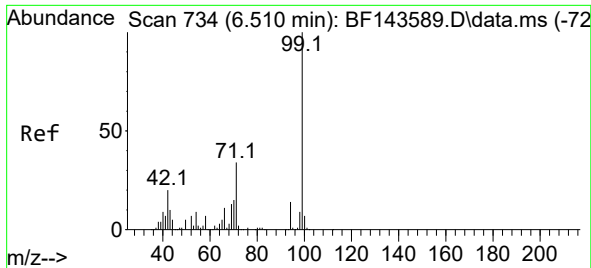
Supervised By :Jagrut Upadhyay 08/27/2025



#6
Aniline
Concen: 21.174 ng
RT: 6.551 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

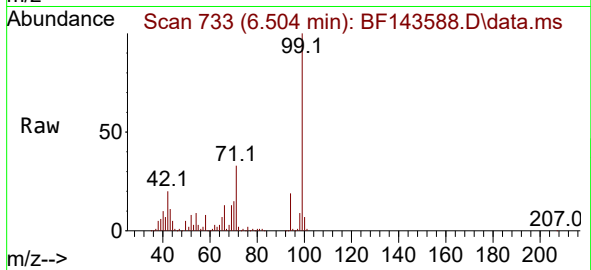
Tgt Ion: 93 Resp: 271443
Ion Ratio Lower Upper
93 100
66 43.5 35.0 52.4
65 22.1 17.5 26.3





#7
Phenol-d6
Concen: 41.797 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

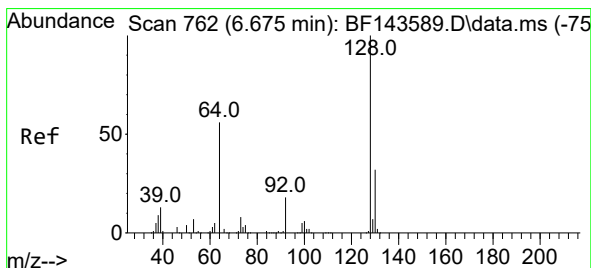
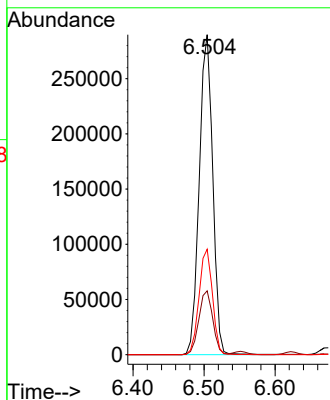
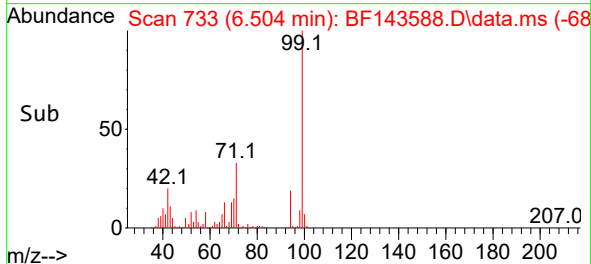
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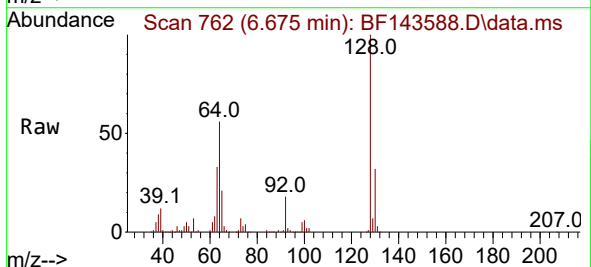
Tgt Ion: 99 Resp: 383824
Ion Ratio Lower Upper
99 100
42 20.0 15.9 23.9
71 32.9 27.2 40.8

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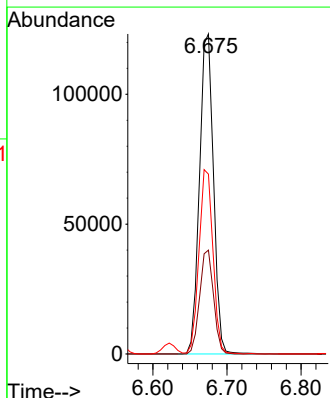
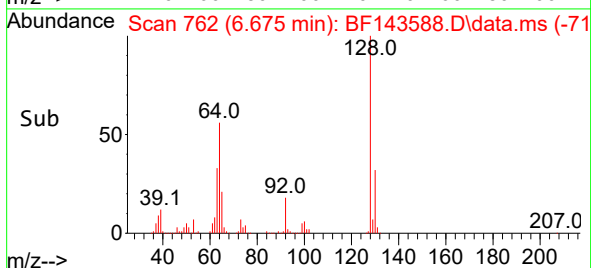
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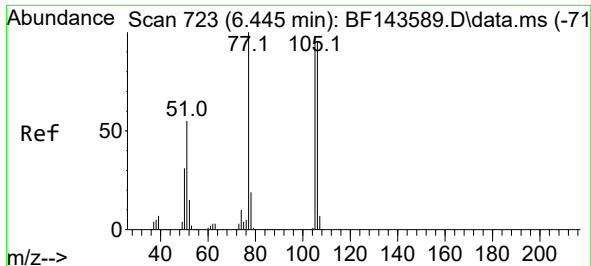


#8
2-Chlorophenol
Concen: 20.690 ng
RT: 6.675 min Scan# 762
Delta R.T. 0.000 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37



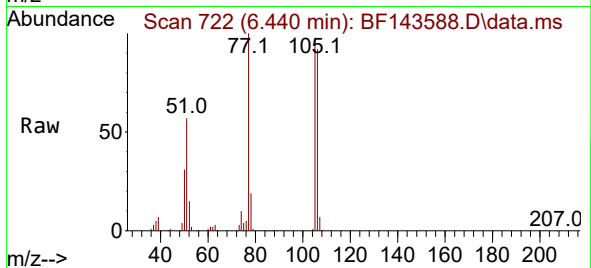
Tgt Ion:128 Resp: 162297
Ion Ratio Lower Upper
128 100
130 32.5 12.3 52.3
64 56.2 38.4 78.4





#9
Benzaldehyde
Concen: 18.594 ng
RT: 6.440 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

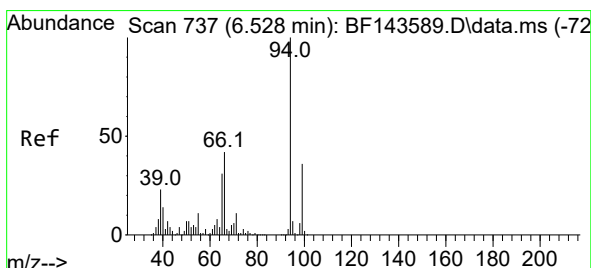
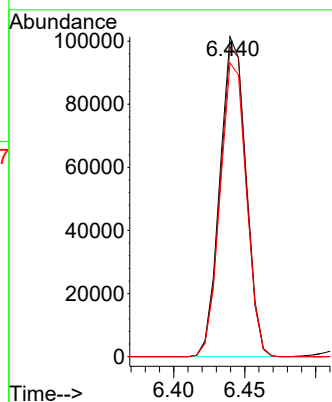
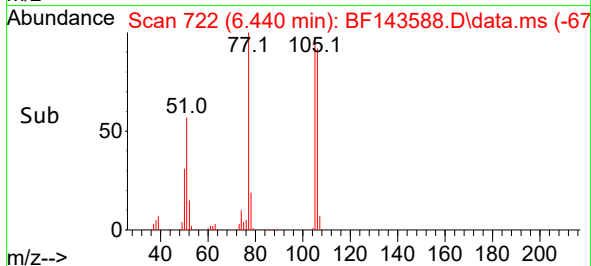
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion: 77 Resp: 12848
Ion Ratio Lower Upper
77 100
105 96.8 77.9 117.9
106 91.8 74.9 114.9

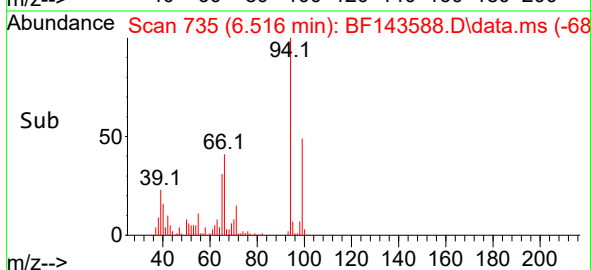
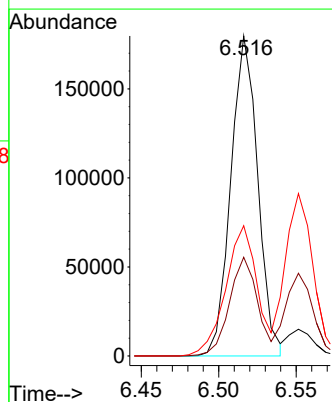
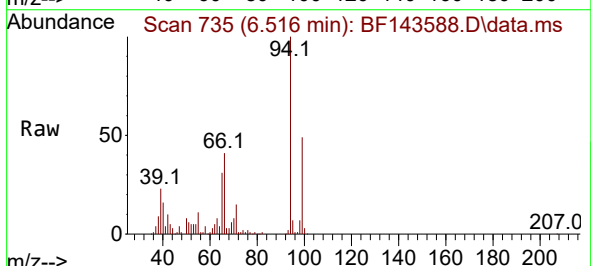
Manual Integrations
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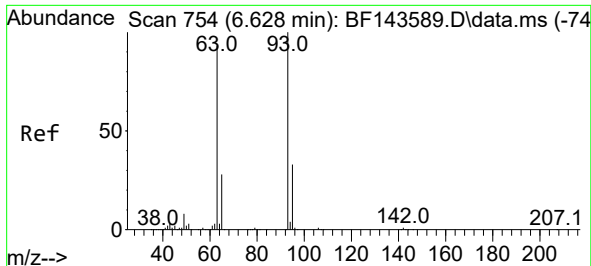
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025



#10
Phenol
Concen: 21.071 ng
RT: 6.516 min Scan# 735
Delta R.T. -0.012 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion: 94 Resp: 217020
Ion Ratio Lower Upper
94 100
65 30.8 11.0 51.0
66 40.7 22.1 62.1





#11

bis(2-Chloroethyl)ether

Concen: 21.447 ng

RT: 6.622 min Scan# 754

Delta R.T. -0.006 min

Lab File: BF143588.D

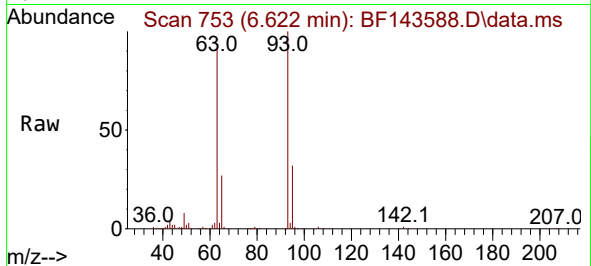
Acq: 26 Aug 2025 10:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion: 93 Resp: 16926

Ion Ratio Lower Upper

93 100

63 90.7 72.1 112.1

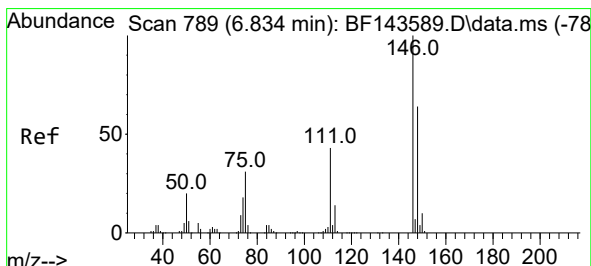
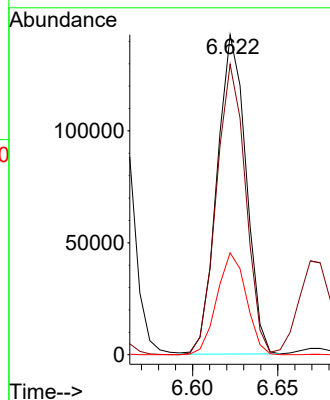
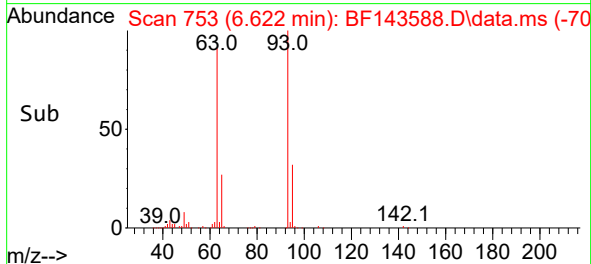
95 31.8 12.8 52.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/27/2025

Supervised By :Jagrut Upadhyay 08/27/2025



#12

1,3-Dichlorobenzene

Concen: 21.339 ng

RT: 6.834 min Scan# 789

Delta R.T. 0.000 min

Lab File: BF143588.D

Acq: 26 Aug 2025 10:37

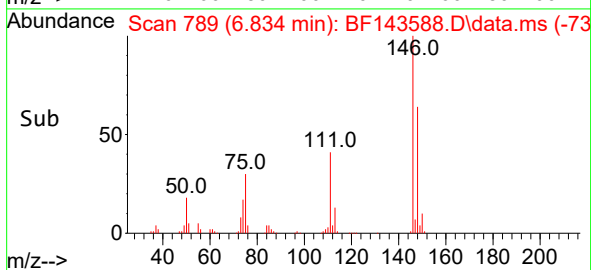
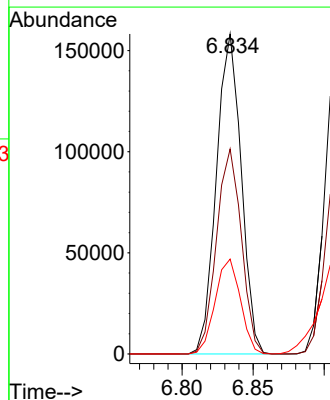
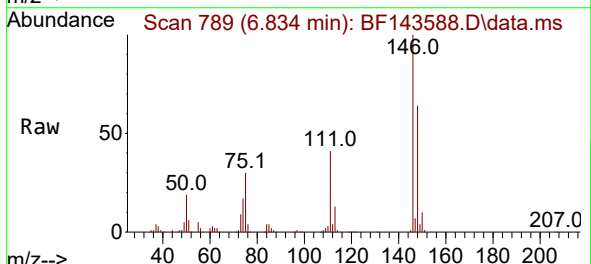
Tgt Ion:146 Resp: 192269

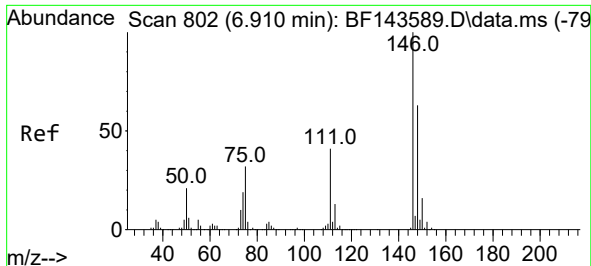
Ion Ratio Lower Upper

146 100

148 64.0 51.1 76.7

75 29.7 25.2 37.8





#13

1,4-Dichlorobenzene

Concen: 21.327 ng

RT: 6.910 min Scan# 802

Delta R.T. 0.000 min

Lab File: BF143588.D

Acq: 26 Aug 2025 10:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:146 Resp: 193768

Ion Ratio Lower Upper

146 100

148 62.4 50.6 75.8

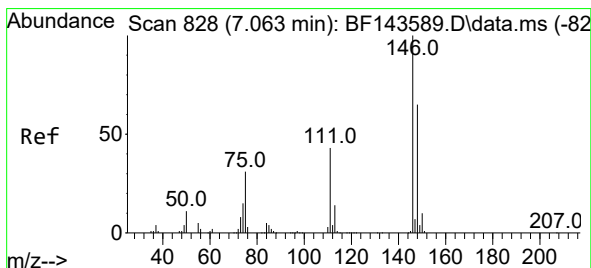
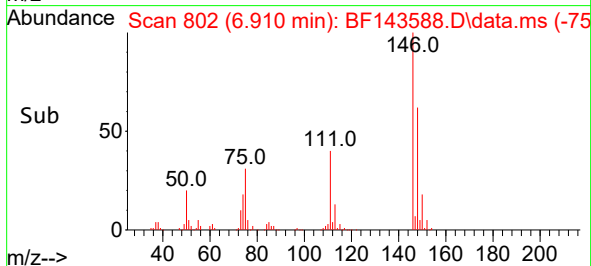
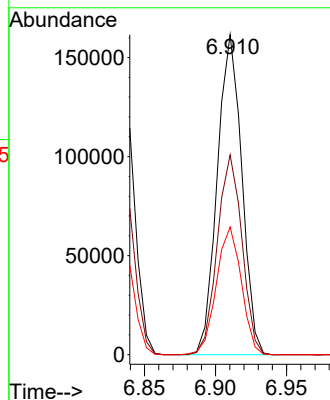
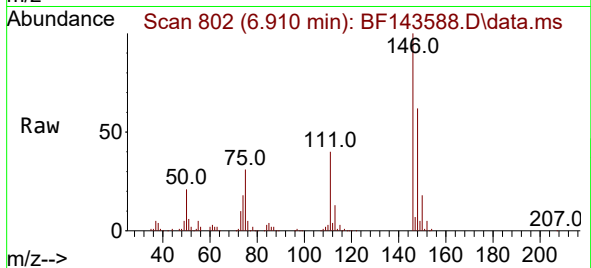
111 39.9 32.4 48.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/27/2025

Supervised By :Jagrut Upadhyay 08/27/2025



#14

1,2-Dichlorobenzene

Concen: 21.341 ng

RT: 7.063 min Scan# 828

Delta R.T. 0.000 min

Lab File: BF143588.D

Acq: 26 Aug 2025 10:37

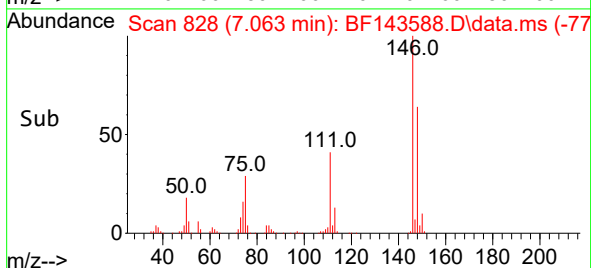
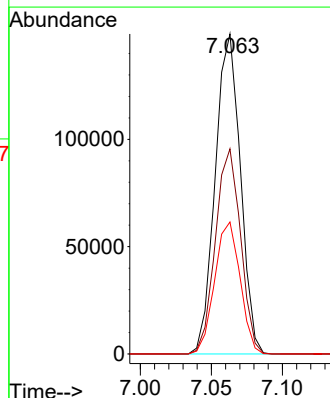
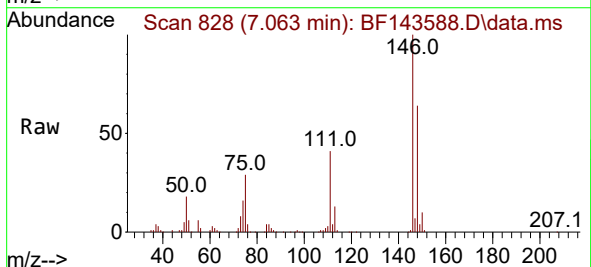
Tgt Ion:146 Resp: 183912

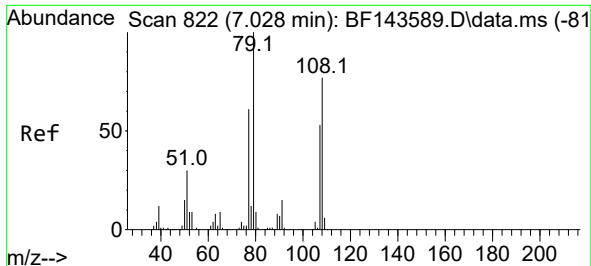
Ion Ratio Lower Upper

146 100

148 64.1 51.7 77.5

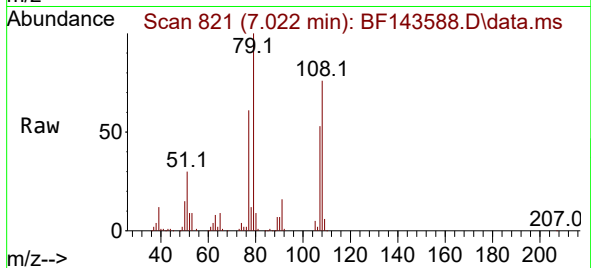
111 41.3 34.7 52.1





#15
Benzyl Alcohol
Concen: 20.814 ng
RT: 7.022 min Scan# 821
Delta R.T. -0.006 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

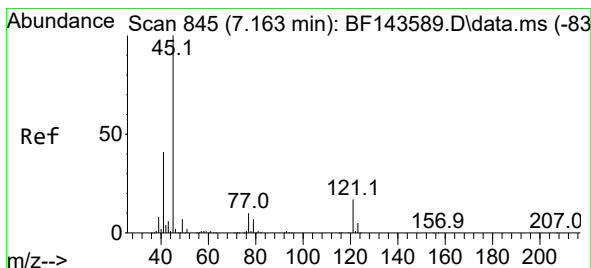
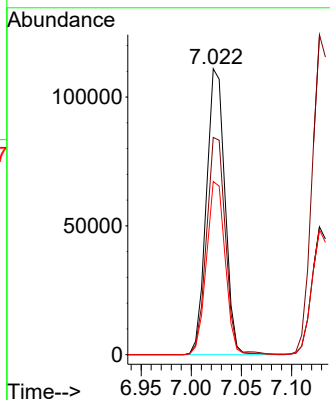
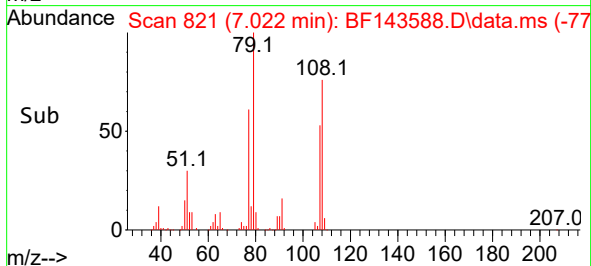
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion: 79 Resp: 143240
Ion Ratio Lower Upper
79 100
108 76.0 61.3 91.9
77 60.5 48.7 73.1

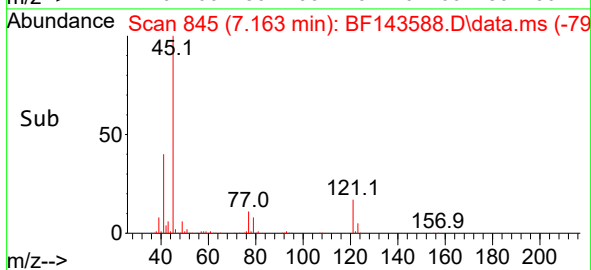
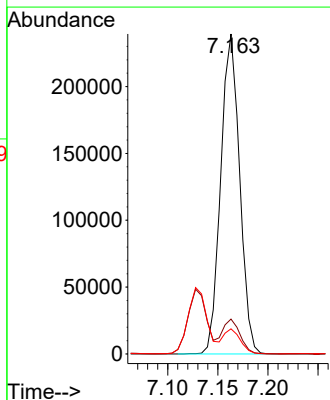
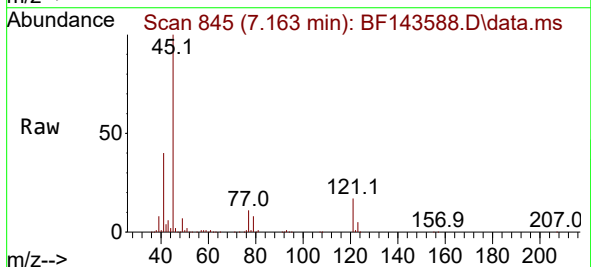
Manual Integrations
APPROVED

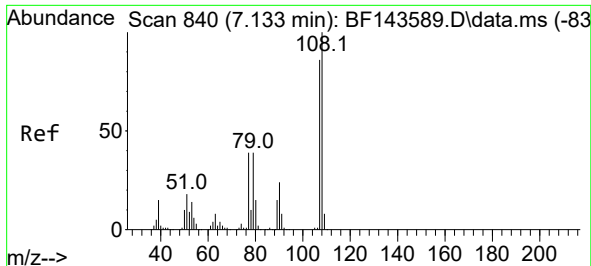
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 21.488 ng
RT: 7.163 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

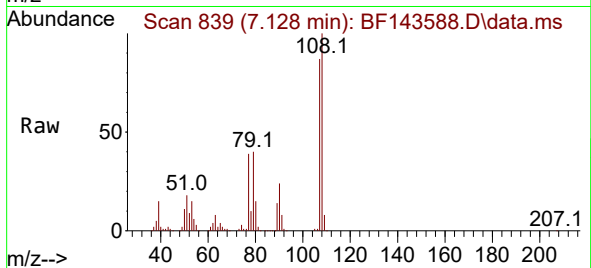
Tgt Ion: 45 Resp: 313039
Ion Ratio Lower Upper
45 100
77 10.9 0.0 31.1
79 7.9 0.0 28.1





#17
2-Methylphenol
Concen: 20.943 ng
RT: 7.128 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

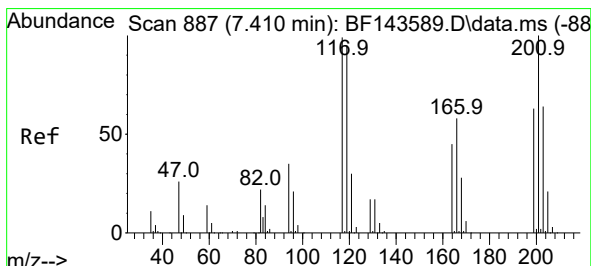
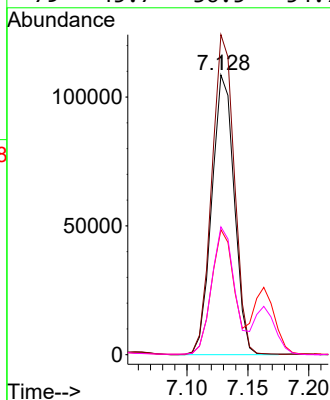
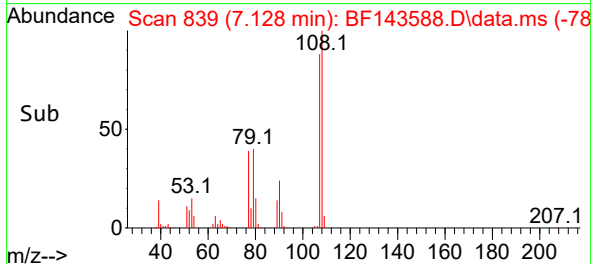
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:107 Resp: 139460
Ion Ratio Lower Upper
107 100
108 114.4 92.6 138.8
77 44.7 36.3 54.5
79 45.7 36.5 54.7

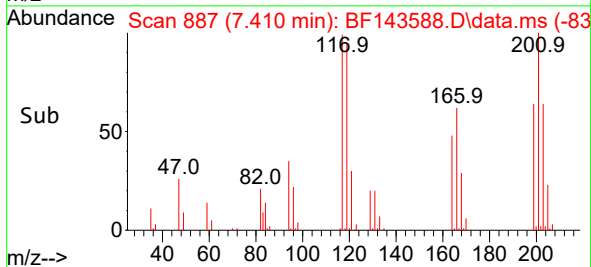
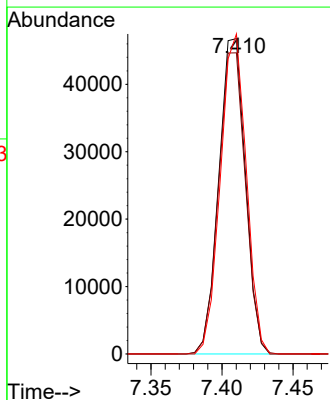
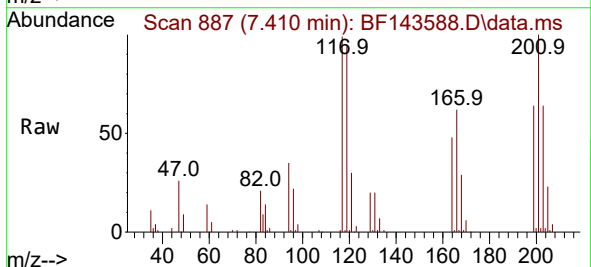
Manual Integrations
APPROVED

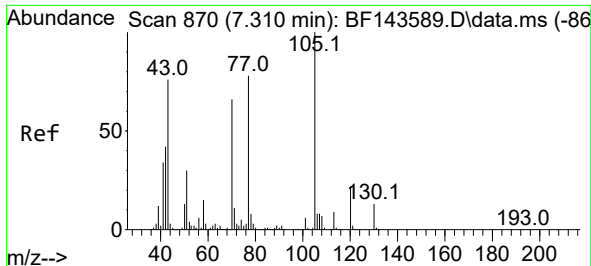
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025



#18
Hexachloroethane
Concen: 21.139 ng
RT: 7.410 min Scan# 887
Delta R.T. 0.000 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

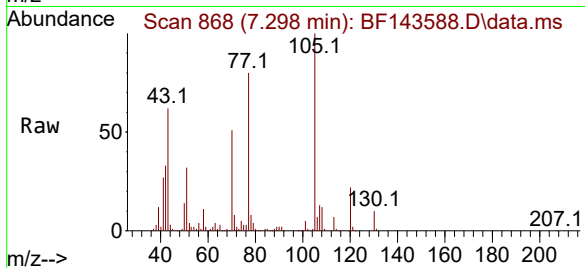
Tgt Ion:117 Resp: 61025
Ion Ratio Lower Upper
117 100
119 95.5 76.6 115.0
201 101.5 81.0 121.4





#19
n-Nitroso-di-n-propylamine
Concen: 20.986 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

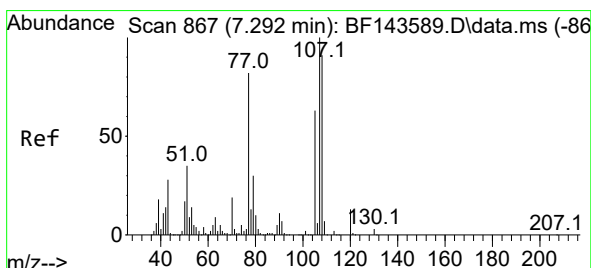
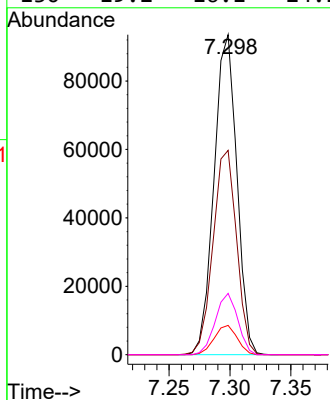
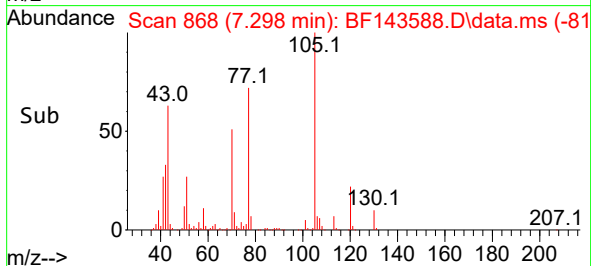
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



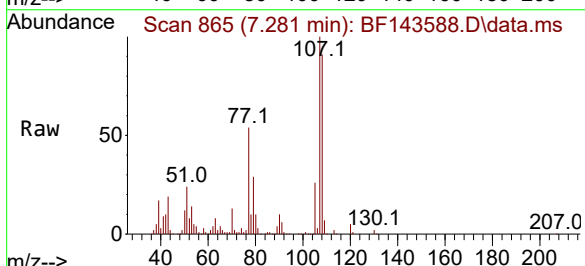
Tgt Ion: 70 Resp: 122088
Ion Ratio Lower Upper
70 100
42 63.8 50.6 75.8
101 9.2 7.5 11.3
130 19.2 16.1 24.1

Manual Integrations
APPROVED

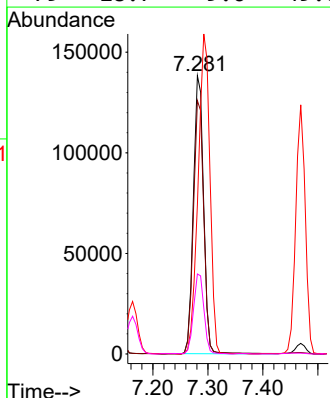
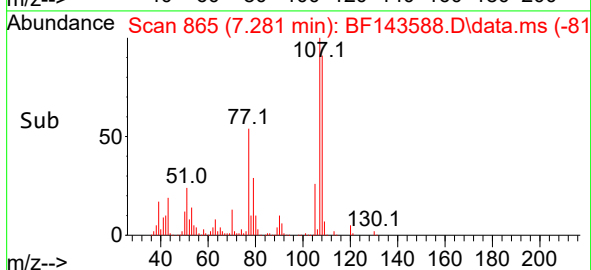
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025

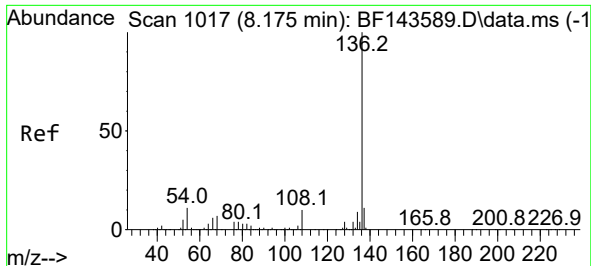


#20
3+4-Methylphenols
Concen: 21.769 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.012 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37



Tgt Ion:107 Resp: 178040
Ion Ratio Lower Upper
107 100
108 91.0 71.1 111.1
77 53.6 62.5 102.5#
79 28.7 9.6 49.6





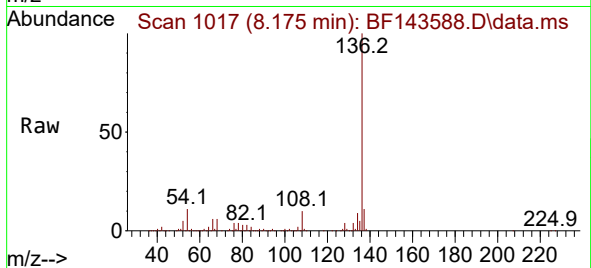
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



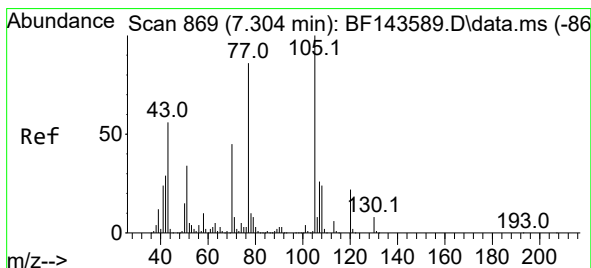
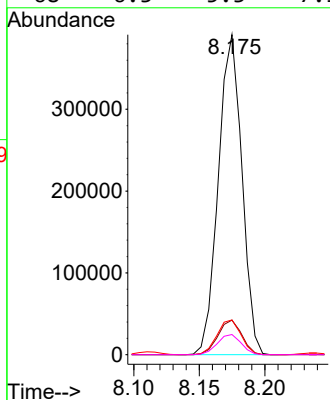
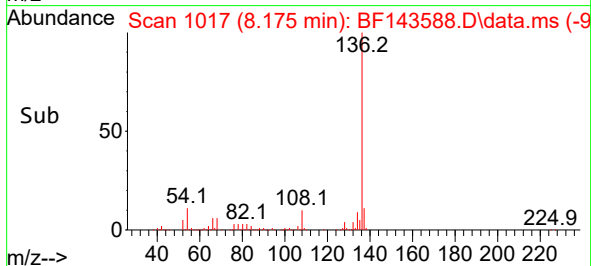
Tgt Ion:136 Resp: 48855
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 10.9 9.0 13.6
68 6.3 5.3 7.9

Manual Integrations

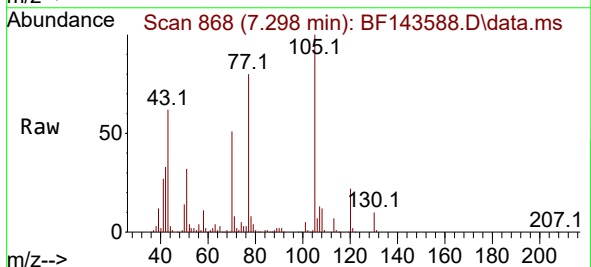
APPROVED

Reviewed By :Rahul Chavli 08/27/2025

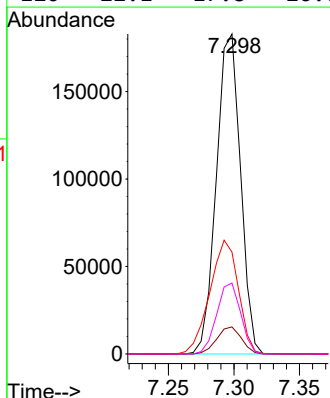
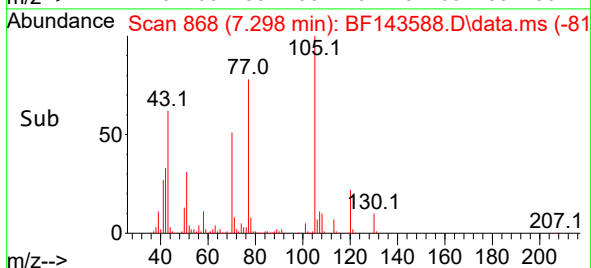
Supervised By :Jagrut Upadhyay 08/27/2025

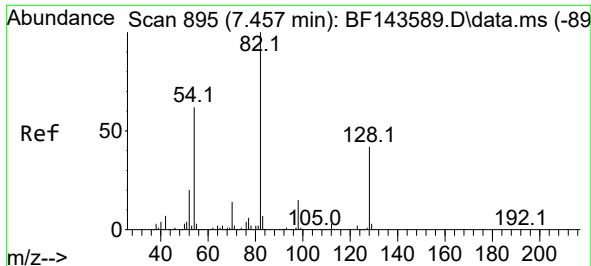


#22
Acetophenone
Concen: 21.258 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.006 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37



Tgt Ion:105 Resp: 233899
Ion Ratio Lower Upper
105 100
71 8.5 6.0 9.0
51 31.8 27.0 40.6
120 22.1 17.8 26.6





#23

Nitrobenzene-d5

Concen: 37.066 ng

RT: 7.451 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF143588.D

Acq: 26 Aug 2025 10:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 82 Resp: 253620

Ion Ratio Lower Upper

82 100

128 41.1 33.4 50.2

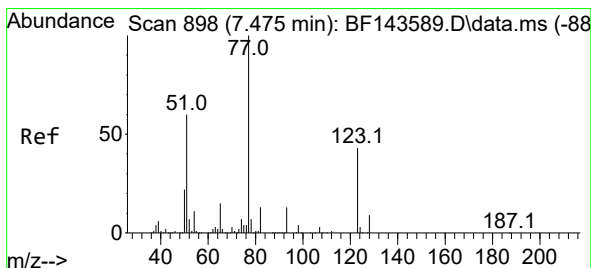
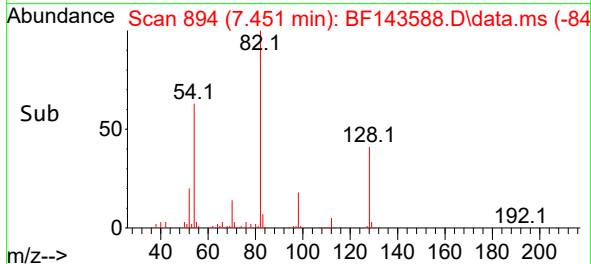
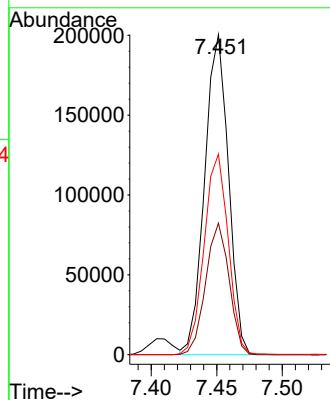
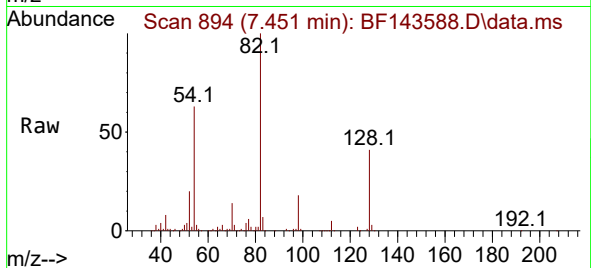
54 62.7 49.3 73.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/27/2025

Supervised By :Jagrut Upadhyay 08/27/2025



#24

Nitrobenzene

Concen: 20.312 ng

RT: 7.469 min Scan# 897

Delta R.T. -0.006 min

Lab File: BF143588.D

Acq: 26 Aug 2025 10:37

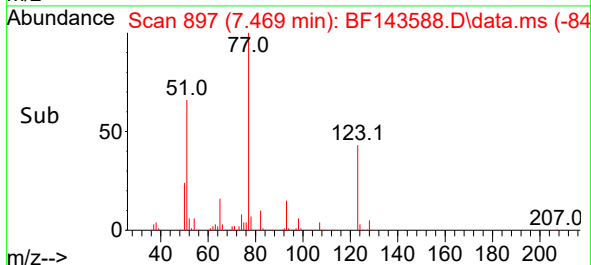
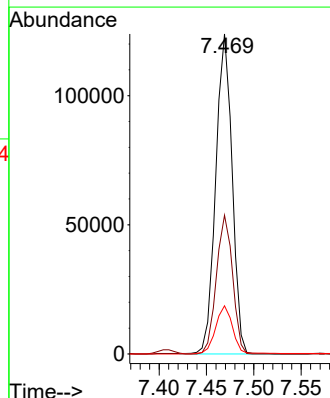
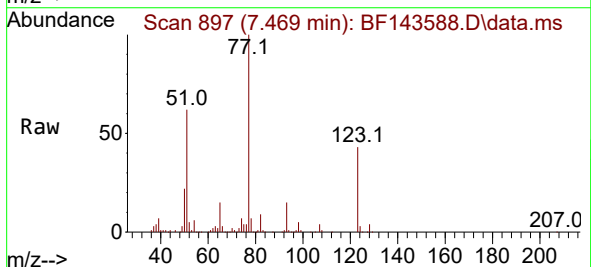
Tgt Ion: 77 Resp: 149004

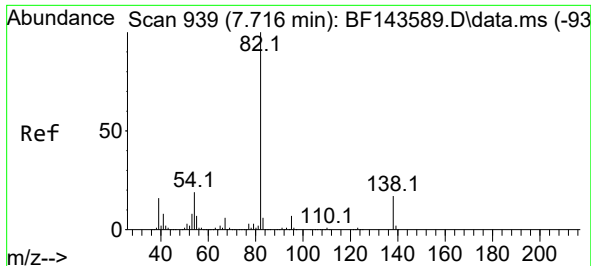
Ion Ratio Lower Upper

77 100

123 43.3 34.9 52.3

65 15.1 12.0 18.0





#25
Isophorone
Concen: 20.828 ng
RT: 7.710 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Instrument :

BNA_F

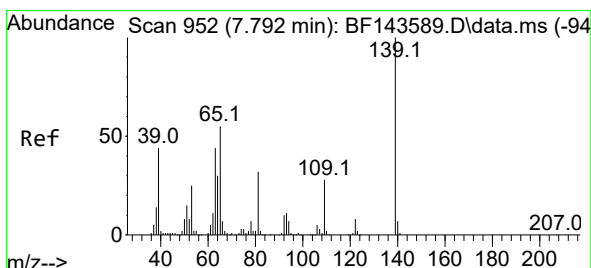
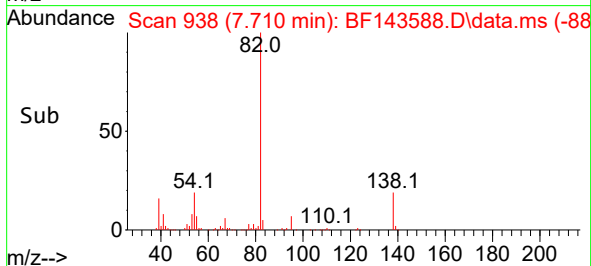
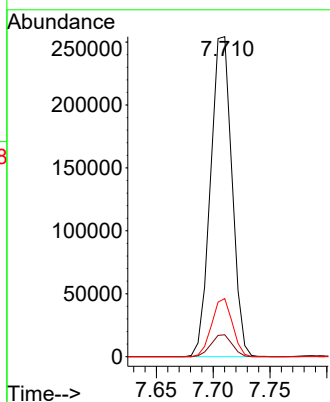
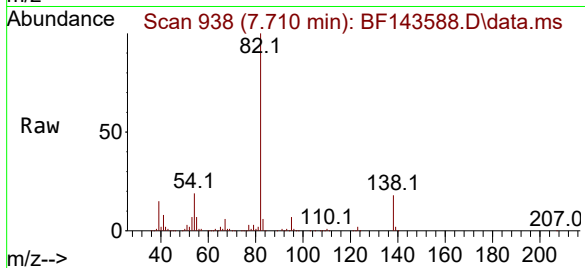
ClientSampleId :

SSTDICC020

Tgt Ion: 82 Resp: 33351
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 18.2 13.8 20.8

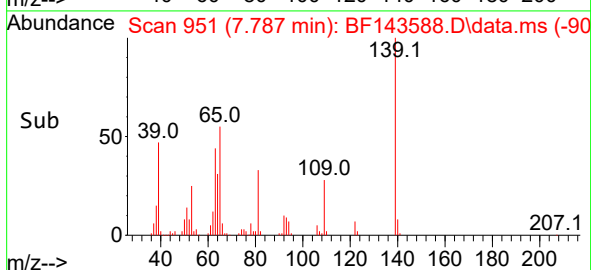
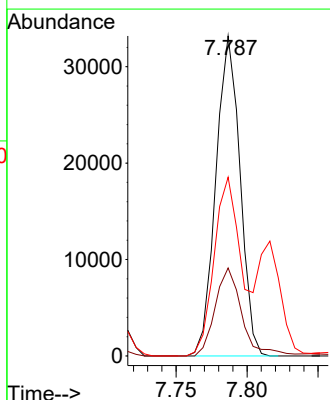
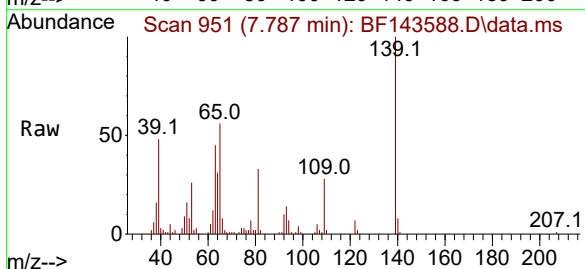
Manual Integrations
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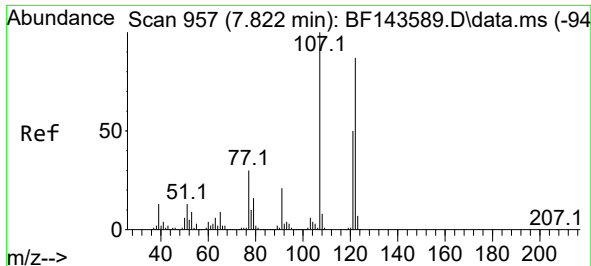
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025



#26
2-Nitrophenol
Concen: 18.004 ng
RT: 7.787 min Scan# 951
Delta R.T. -0.005 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion:139 Resp: 39289
Ion Ratio Lower Upper
139 100
109 27.5 22.3 33.5
65 55.8 44.0 66.0





#27

2,4-Dimethylphenol

Concen: 20.796 ng

RT: 7.816 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF143588.D

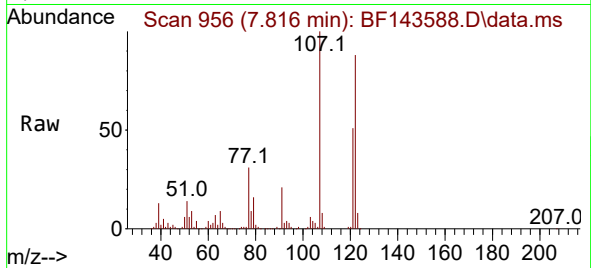
Acq: 26 Aug 2025 10:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:122 Resp: 144884

Ion Ratio Lower Upper

122 100

107 113.3 92.1 138.1

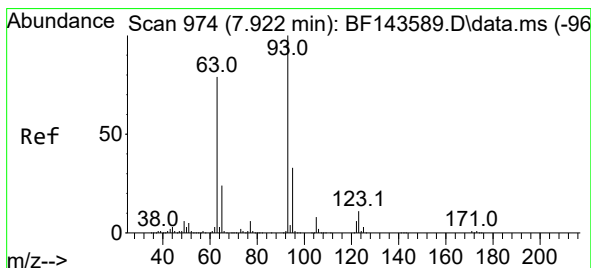
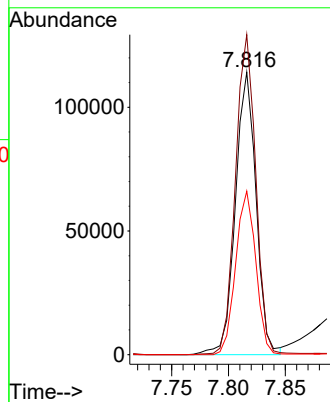
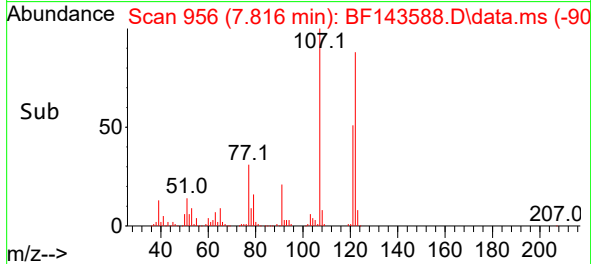
121 57.9 46.2 69.4

Manual Integrations

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Reviewed By :Rahul Chavli 08/27/2025

Supervised By :Jagrut Upadhyay 08/27/2025



#28

bis(2-Chloroethoxy)methane

Concen: 21.360 ng

RT: 7.916 min Scan# 973

Delta R.T. -0.006 min

Lab File: BF143588.D

Acq: 26 Aug 2025 10:37

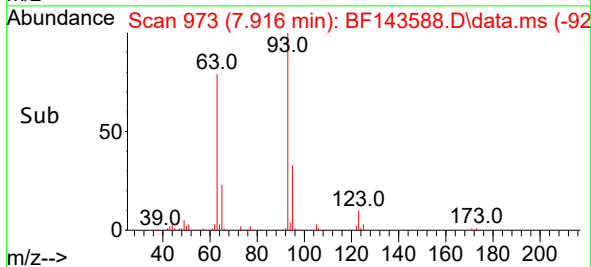
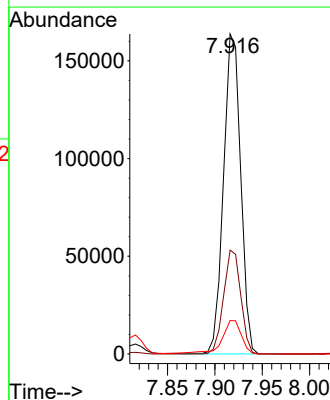
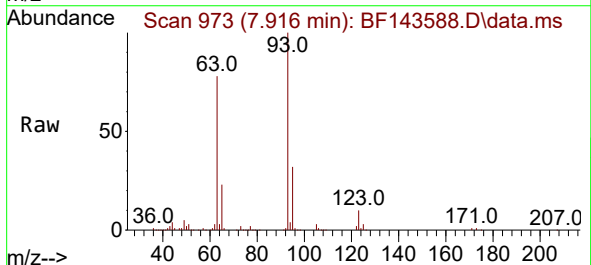
Tgt Ion: 93 Resp: 206931

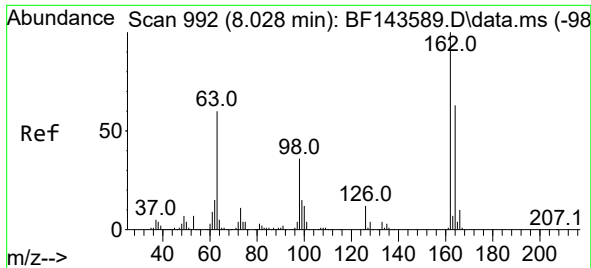
Ion Ratio Lower Upper

93 100

95 32.5 26.2 39.2

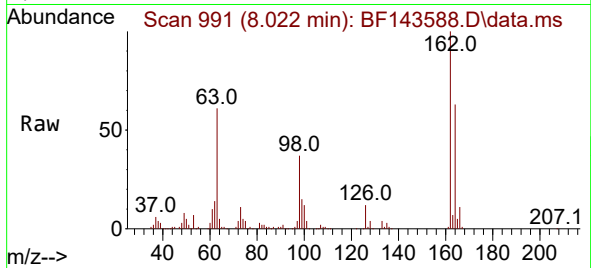
123 10.4 9.3 13.9





#29
2,4-Dichlorophenol
Concen: 21.055 ng
RT: 8.022 min Scan# 991
Delta R.T. -0.006 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

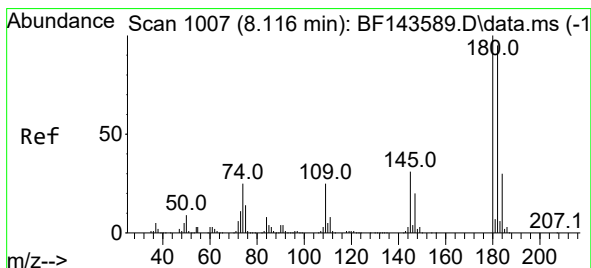
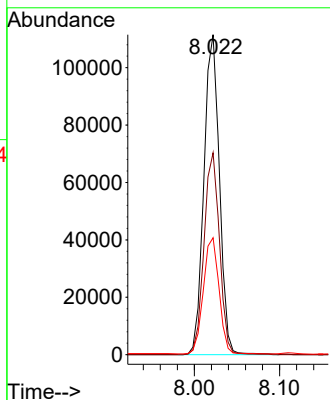
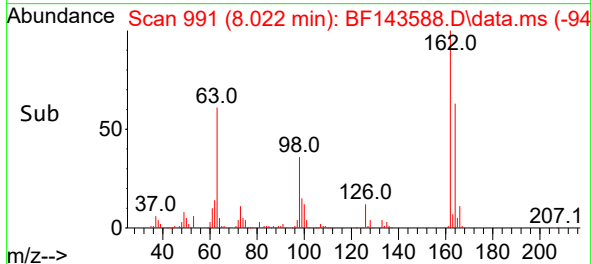
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



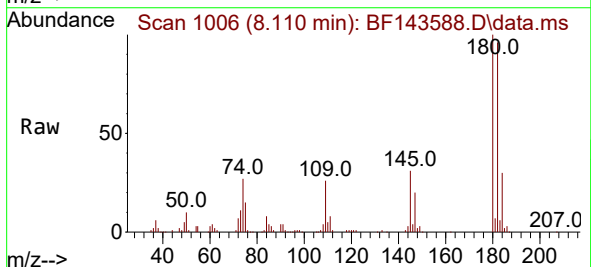
Tgt Ion:162 Resp: 14133
Ion Ratio Lower Upper
162 100
164 63.1 43.3 83.3
98 36.5 16.1 56.1

Manual Integrations
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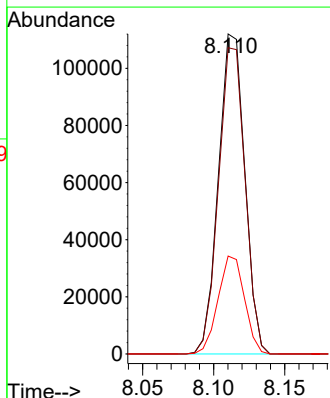
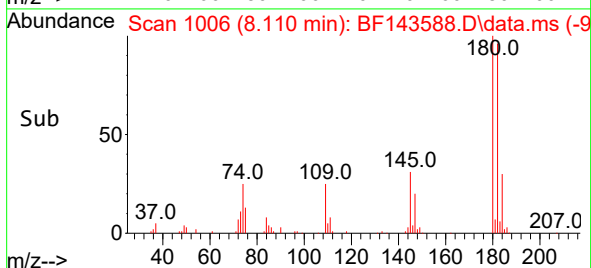
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025

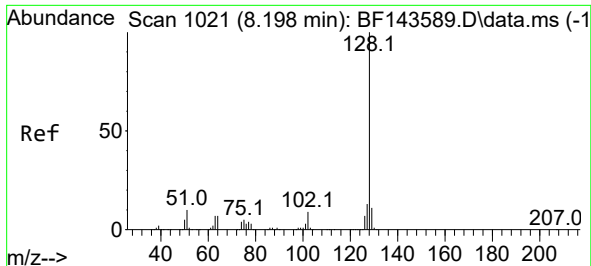


#30
1,2,4-Trichlorobenzene
Concen: 20.652 ng
RT: 8.110 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37



Tgt Ion:180 Resp: 144742
Ion Ratio Lower Upper
180 100
182 95.7 75.8 113.6
145 30.6 24.5 36.7





#31

Naphthalene

Concen: 21.340 ng

RT: 8.192 min Scan# 1021

Delta R.T. -0.006 min

Lab File: BF143588.D

Acq: 26 Aug 2025 10:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:128 Resp: 50372

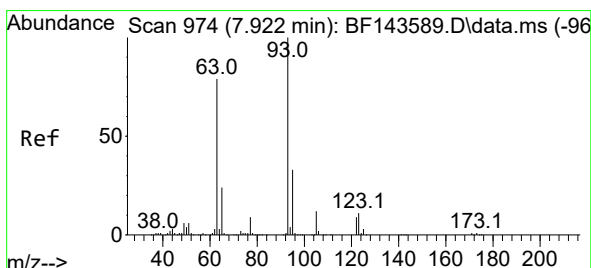
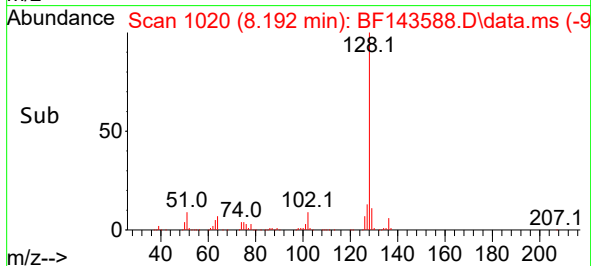
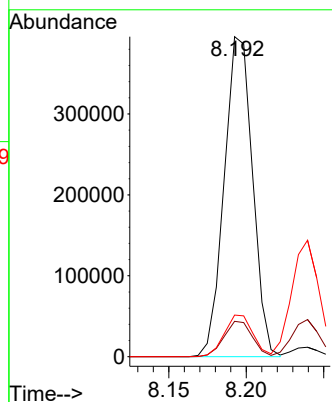
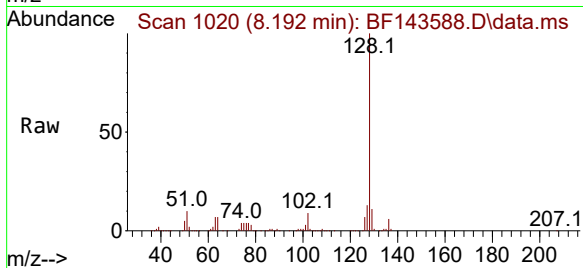
Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.4
127	13.0	10.6	15.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/27/2025

Supervised By :Jagrut Upadhyay 08/27/2025



#32

Benzoic acid

Concen: 19.212 ng m

RT: 7.892 min Scan# 969

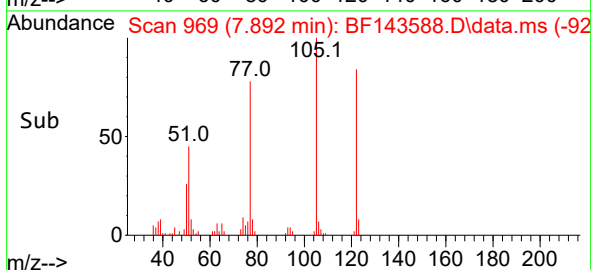
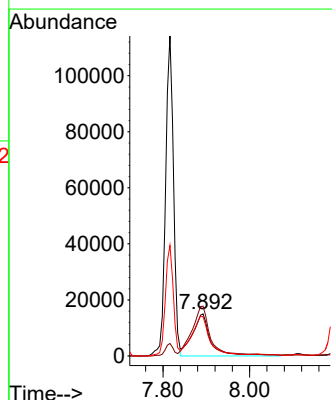
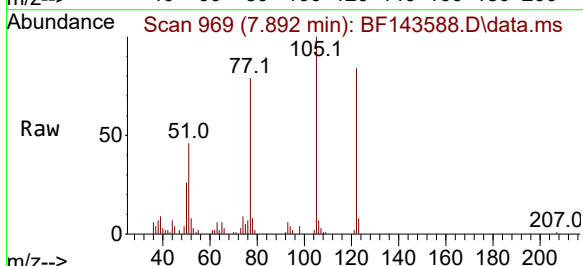
Delta R.T. -0.030 min

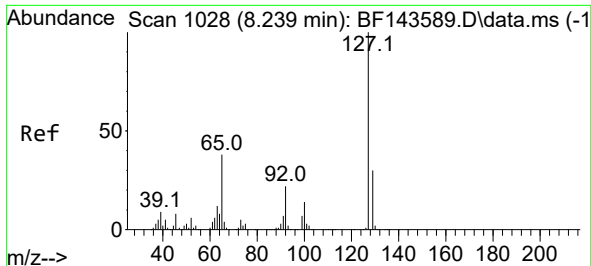
Lab File: BF143588.D

Acq: 26 Aug 2025 10:37

Tgt Ion:122 Resp: 44690

Ion	Ratio	Lower	Upper
122	100		
105	118.4	106.4	146.4
77	93.4	79.3	119.3





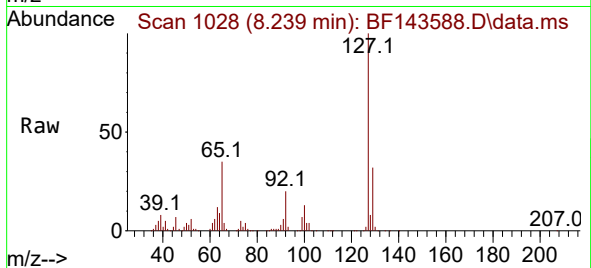
#33
4-Chloroaniline
Concen: 21.095 ng
RT: 8.239 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



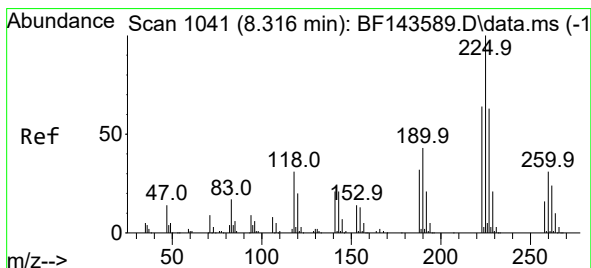
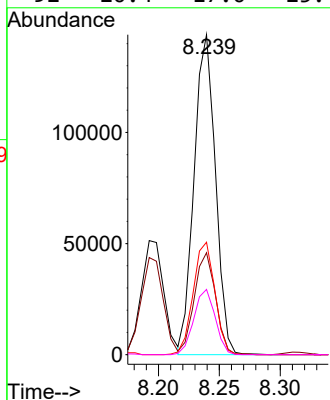
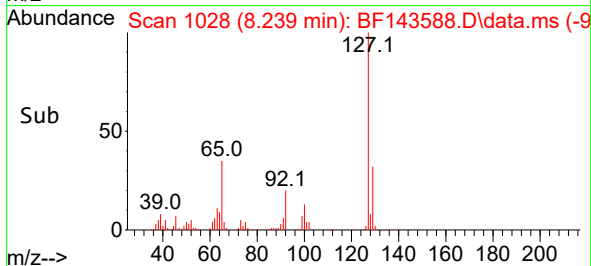
Tgt Ion:127 Resp: 17591
Ion Ratio Lower Upper
127 100
129 31.8 25.8 38.6
65 35.1 29.7 44.5
92 20.4 17.0 25.4

Manual Integrations

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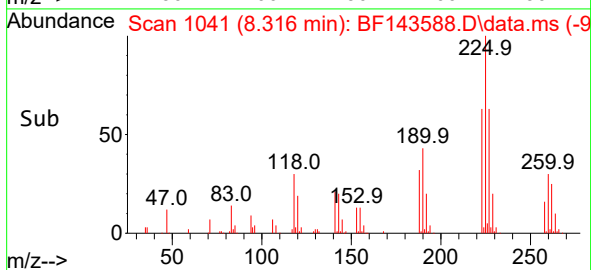
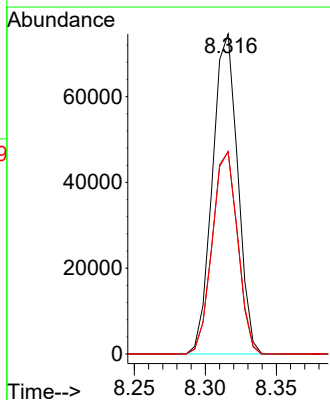
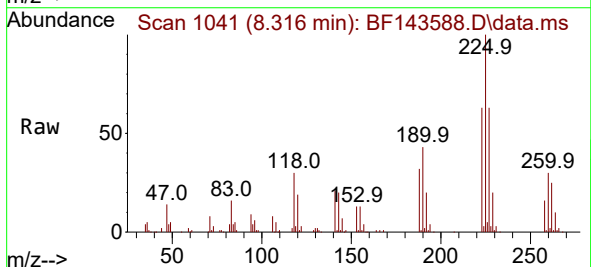
Reviewed By :Rahul Chavli 08/27/2025

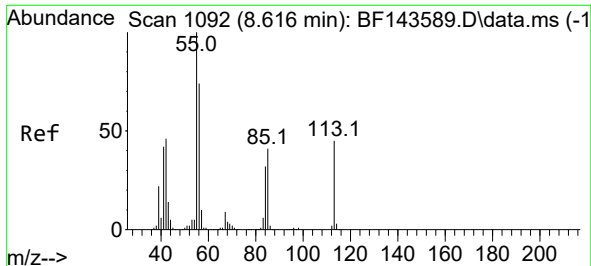
Supervised By :Jagrut Upadhyay 08/27/2025



#34
Hexachlorobutadiene
Concen: 20.901 ng
RT: 8.316 min Scan# 1041
Delta R.T. 0.000 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

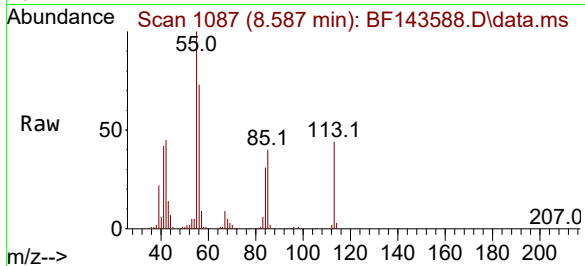
Tgt Ion:225 Resp: 92307
Ion Ratio Lower Upper
225 100
223 63.2 50.8 76.2
227 63.3 50.6 76.0





#35
 Caprolactam
 Concen: 20.044 ng
 RT: 8.587 min Scan# 1108
 Delta R.T. -0.029 min
 Lab File: BF143588.D
 Acq: 26 Aug 2025 10:37

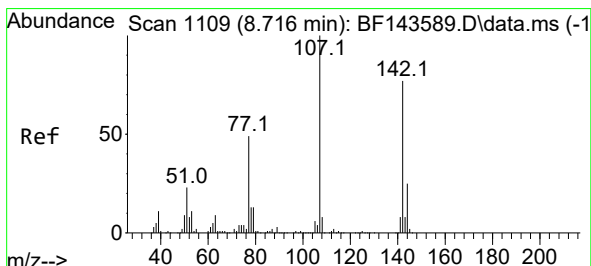
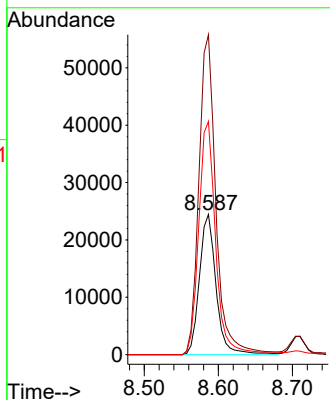
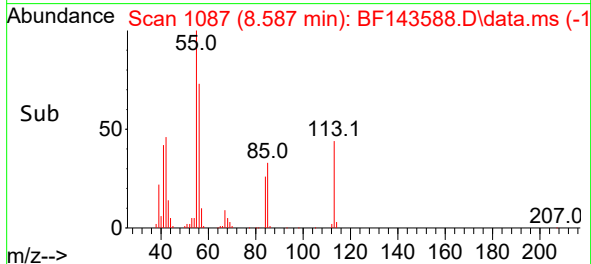
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020



Tgt Ion:113 Resp: 38224
 Ion Ratio Lower Upper
 113 100
 55 228.1 202.1 242.1
 56 166.2 145.4 185.4

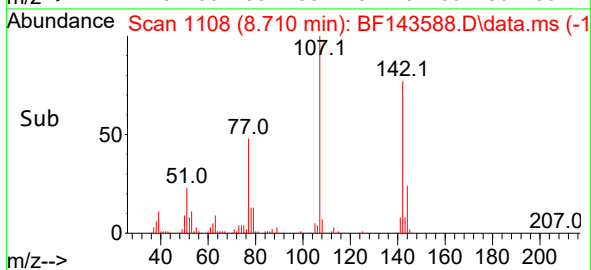
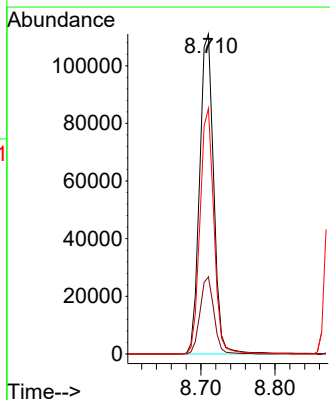
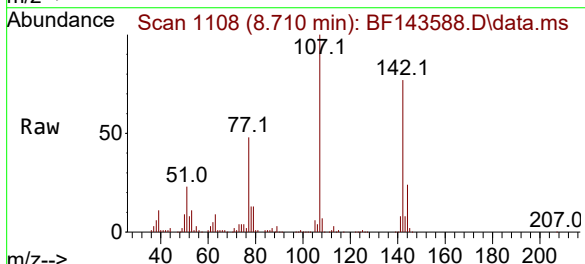
Manual Integrations
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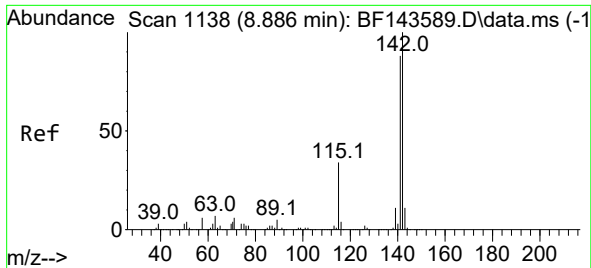
Reviewed By :Rahul Chavli 08/27/2025
 Supervised By :Jagrut Upadhyay 08/27/2025



#36
 4-Chloro-3-methylphenol
 Concen: 20.885 ng
 RT: 8.710 min Scan# 1108
 Delta R.T. -0.006 min
 Lab File: BF143588.D
 Acq: 26 Aug 2025 10:37

Tgt Ion:107 Resp: 146566
 Ion Ratio Lower Upper
 107 100
 144 24.1 19.8 29.6
 142 76.8 61.7 92.5





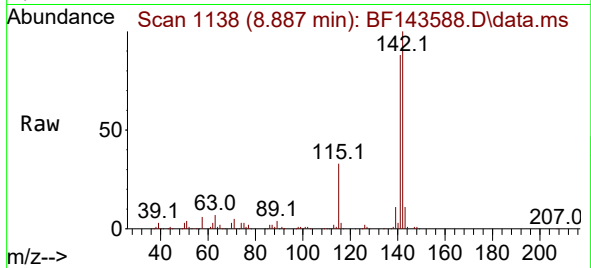
#37
2-Methylnaphthalene
Concen: 21.440 ng
RT: 8.887 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



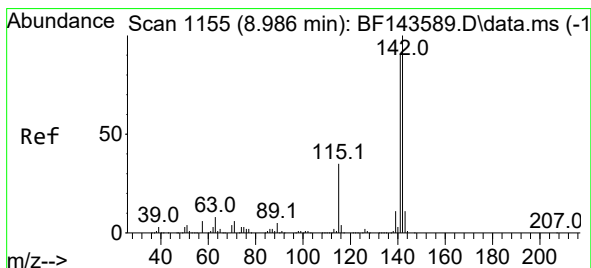
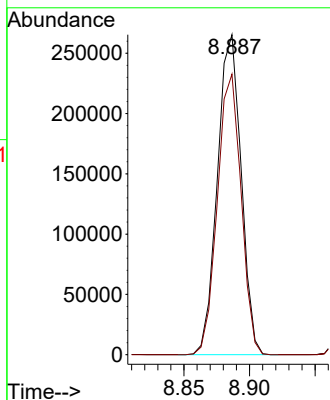
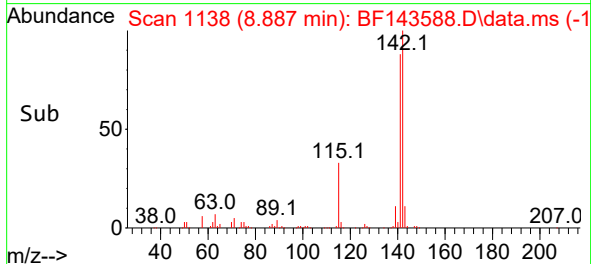
Tgt Ion:142 Resp: 334210
Ion Ratio Lower Upper
142 100
141 87.7 70.2 105.4

Manual Integrations

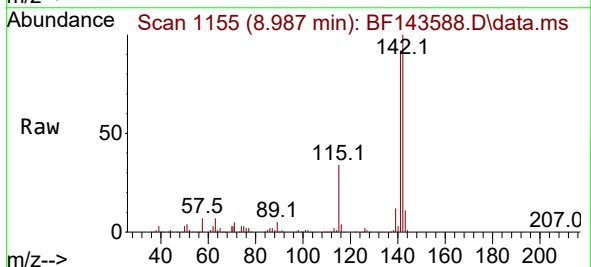
APPROVED

Reviewed By :Rahul Chavli 08/27/2025

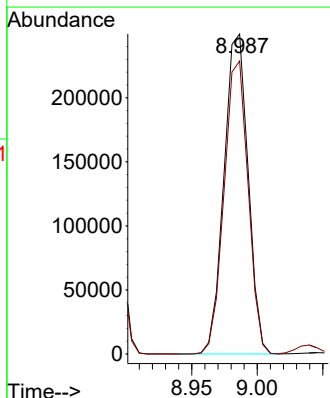
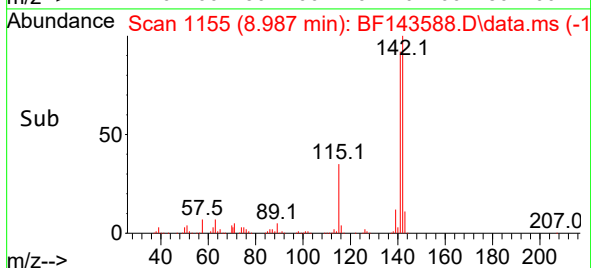
Supervised By :Jagrut Upadhyay 08/27/2025

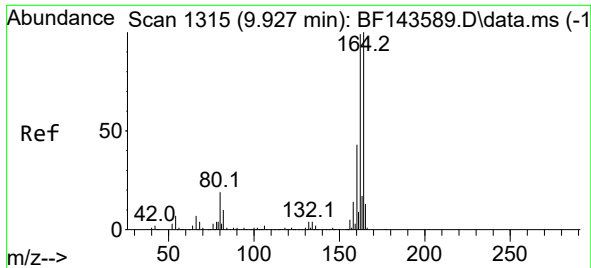


#38
1-Methylnaphthalene
Concen: 21.276 ng
RT: 8.987 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37



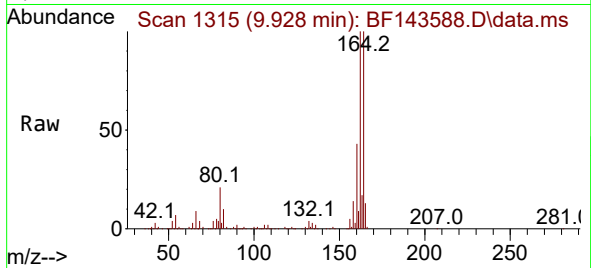
Tgt Ion:142 Resp: 320083
Ion Ratio Lower Upper
142 100
141 91.6 72.6 109.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1115
Delta R.T. 0.001 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

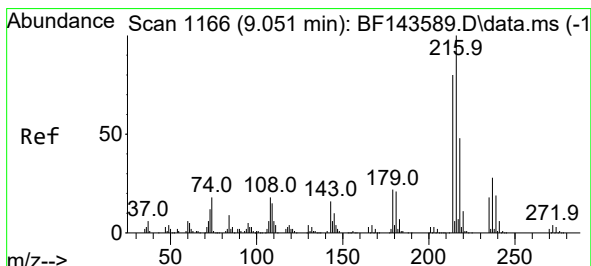
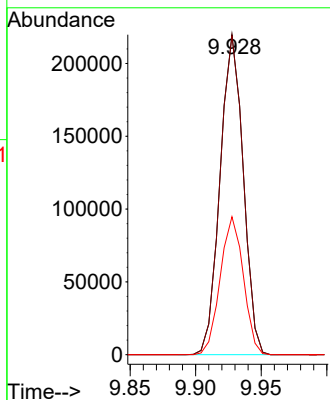
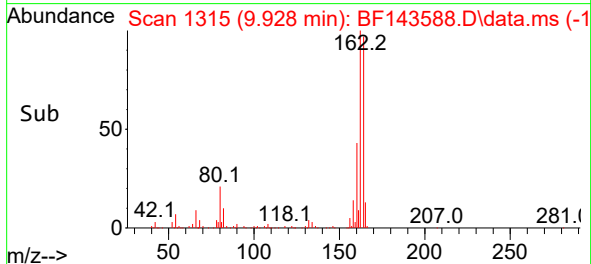
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:164 Resp: 26966
Ion Ratio Lower Upper
164 100
162 99.7 79.5 119.3
160 43.1 34.2 51.4

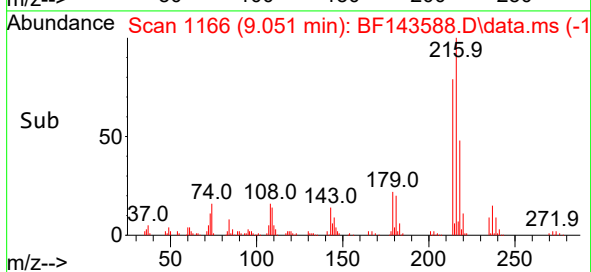
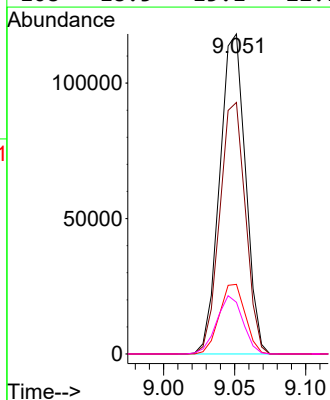
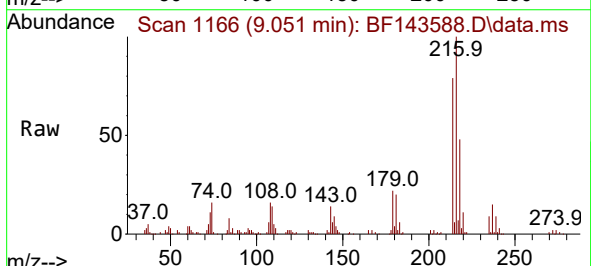
Manual Integrations
APPROVED

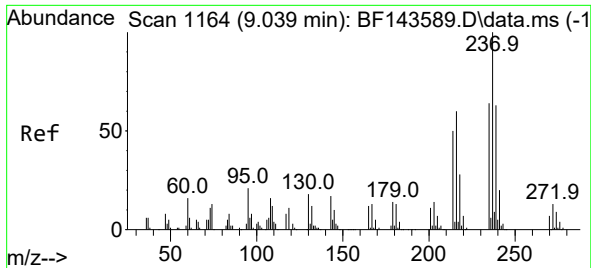
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 21.287 ng
RT: 9.051 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

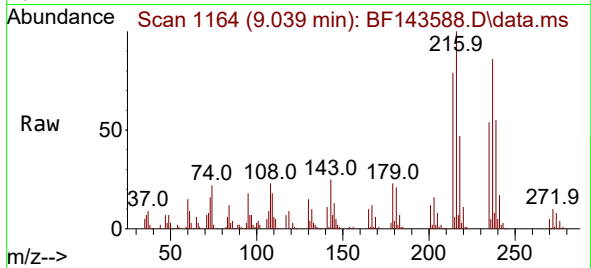
Tgt Ion:216 Resp: 149310
Ion Ratio Lower Upper
216 100
214 78.2 64.1 96.1
179 21.8 17.4 26.0
108 18.5 15.1 22.7





#41
Hexachlorocyclopentadiene
Concen: 19.450 ng
RT: 9.039 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

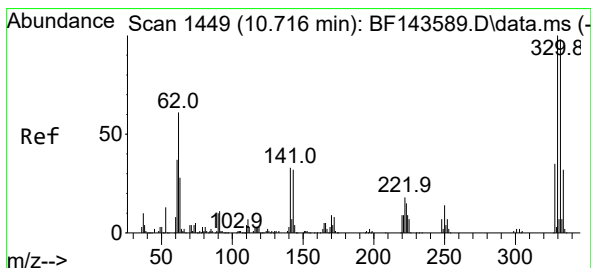
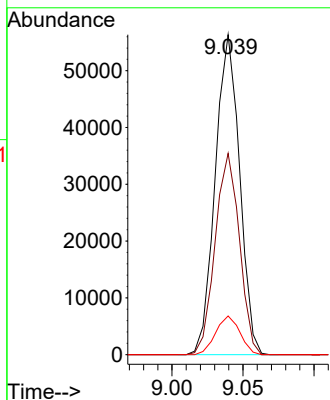
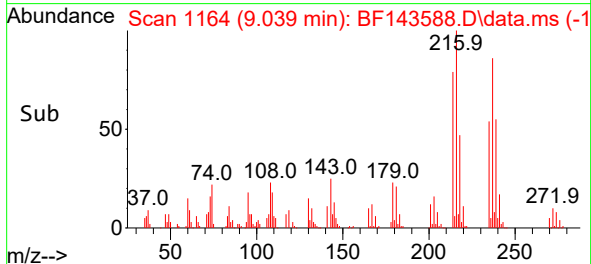
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



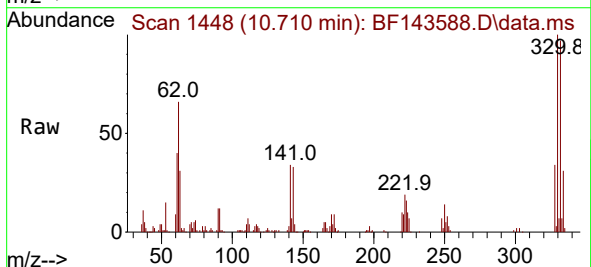
Tgt Ion: 237 Resp: 6711
Ion Ratio Lower Upper
237 100
235 62.9 43.8 83.8
272 12.1 0.0 32.8

Manual Integrations
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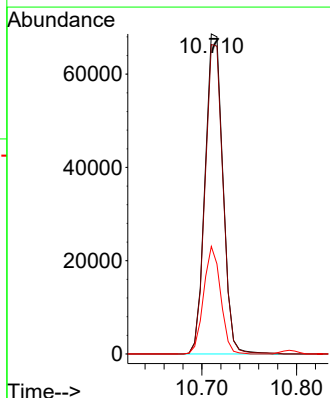
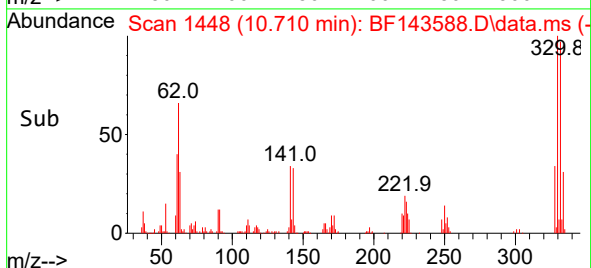
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025

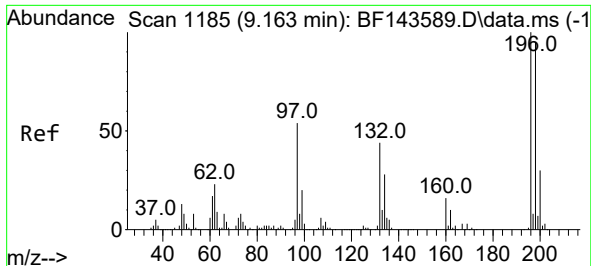


#42
2,4,6-Tribromophenol
Concen: 42.477 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37



Tgt Ion: 330 Resp: 89576
Ion Ratio Lower Upper
330 100
332 97.0 78.2 117.4
141 32.0 25.4 38.0





#43

2,4,6-Trichlorophenol

Concen: 20.748 ng

RT: 9.157 min Scan# 1185

Delta R.T. -0.006 min

Lab File: BF143588.D

Acq: 26 Aug 2025 10:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

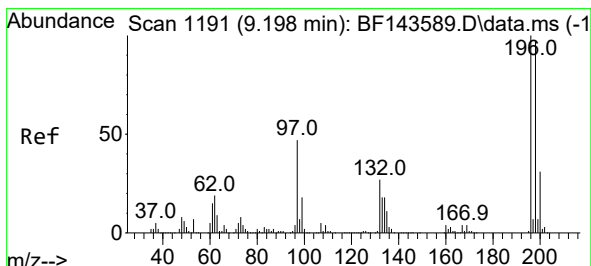
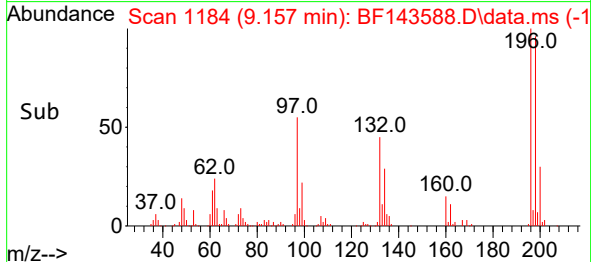
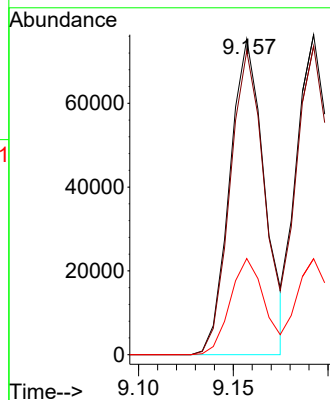
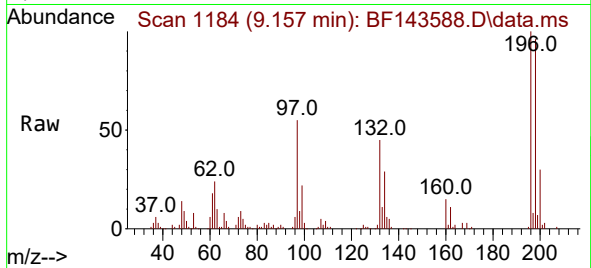
Tgt Ion:196 Resp: 9616
 Ion Ratio Lower Upper
 196 100
 198 96.2 75.8 113.6
 200 30.5 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/27/2025

Supervised By :Jagrut Upadhyay 08/27/2025



#44

2,4,5-Trichlorophenol

Concen: 20.719 ng

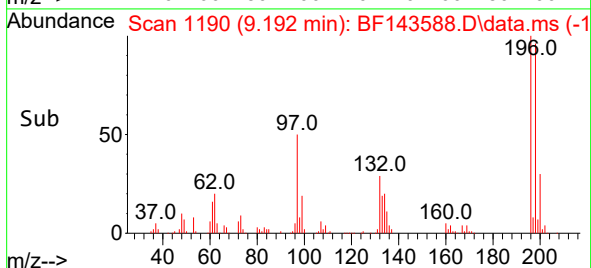
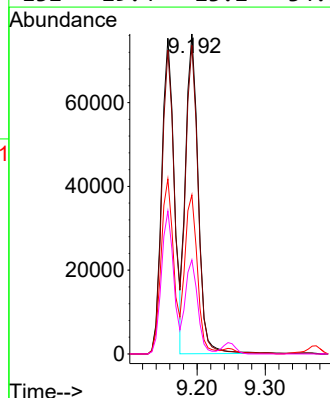
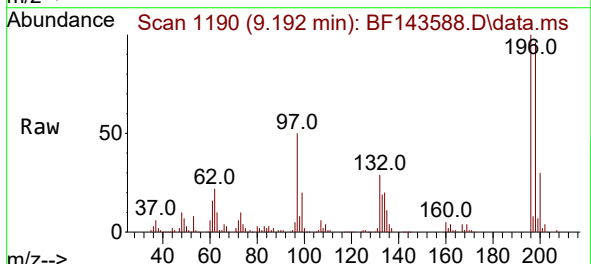
RT: 9.192 min Scan# 1190

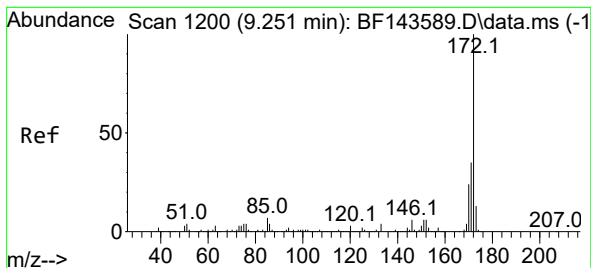
Delta R.T. -0.006 min

Lab File: BF143588.D

Acq: 26 Aug 2025 10:37

Tgt Ion:196 Resp: 97036
 Ion Ratio Lower Upper
 196 100
 198 96.5 77.0 115.6
 97 49.7 39.3 58.9
 132 29.4 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 43.618 ng

RT: 9.245 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF143588.D

Acq: 26 Aug 2025 10:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:172 Resp: 687949

Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

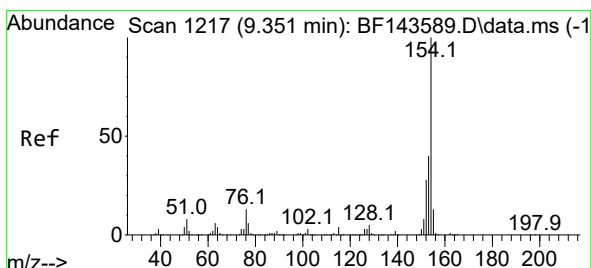
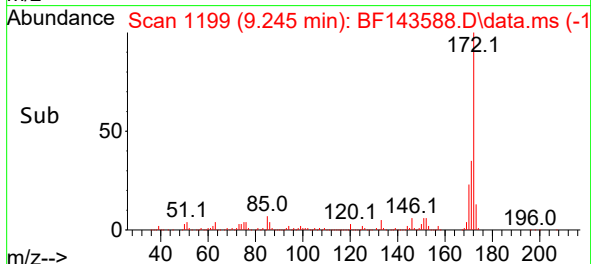
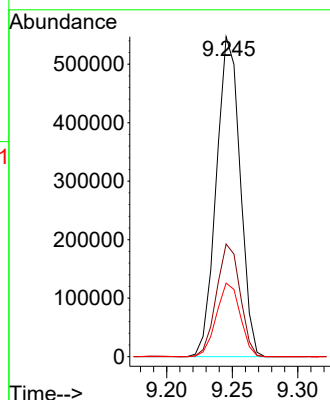
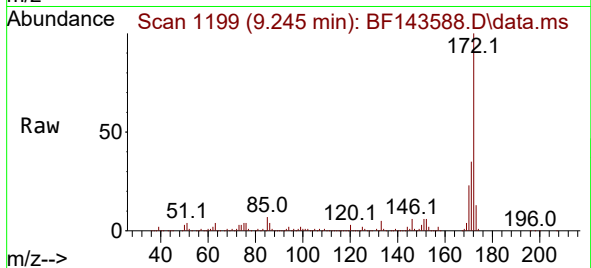
170 23.0 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/27/2025

Supervised By :Jagrut Upadhyay 08/27/2025



#46

1,1'-Biphenyl

Concen: 21.326 ng

RT: 9.345 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF143588.D

Acq: 26 Aug 2025 10:37

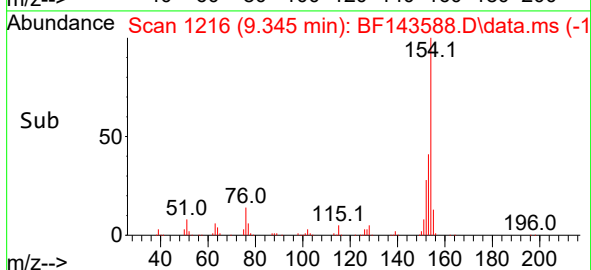
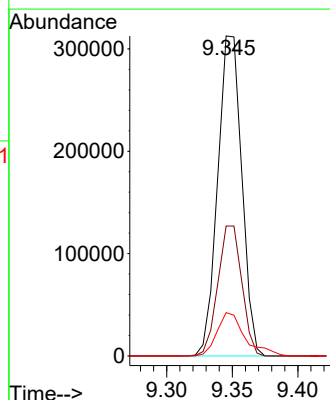
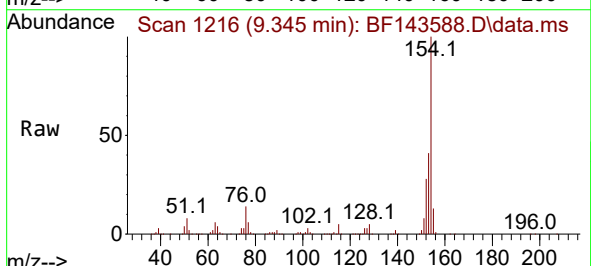
Tgt Ion:154 Resp: 399040

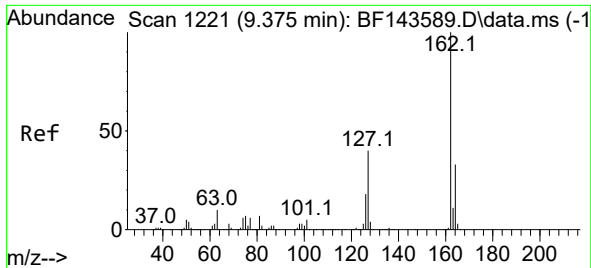
Ion Ratio Lower Upper

154 100

153 40.6 20.1 60.1

76 13.5 0.0 33.0





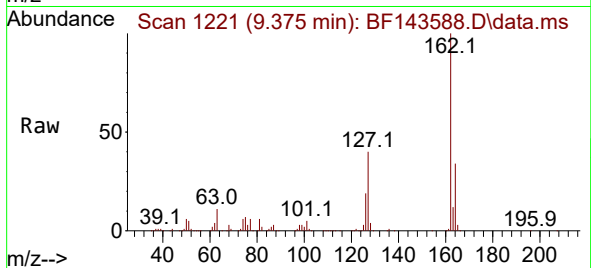
#47
2-Chloronaphthalene
Concen: 20.847 ng
RT: 9.375 min Scan# 1221
Delta R.T. 0.000 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



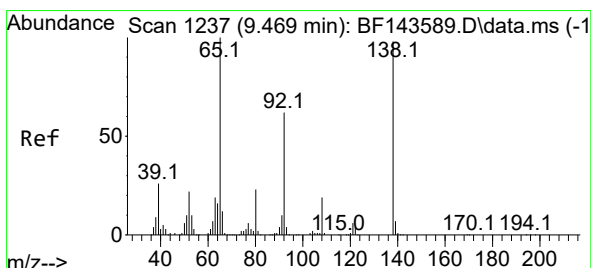
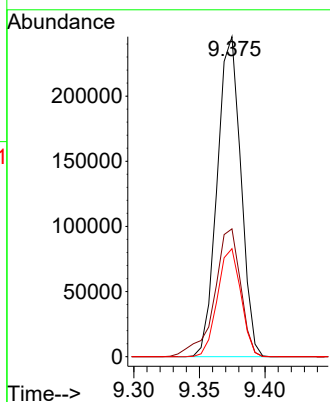
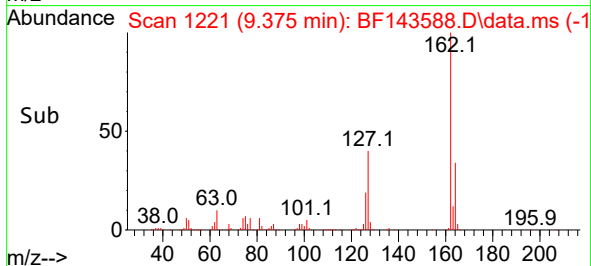
Tgt Ion:162 Resp: 308140
Ion Ratio Lower Upper
162 100
127 39.9 32.6 48.8
164 33.8 26.1 39.1

Manual Integrations

APPROVED

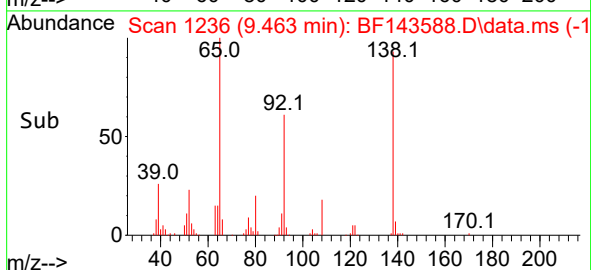
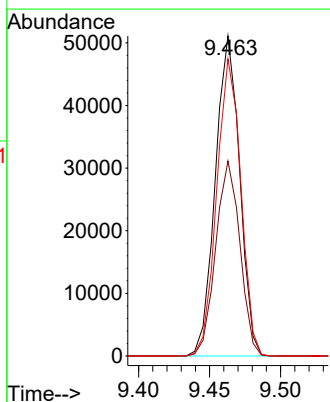
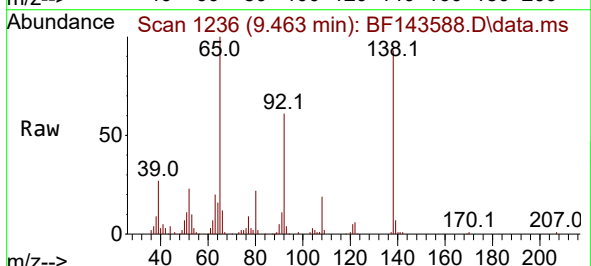
Reviewed By :Rahul Chavli 08/27/2025

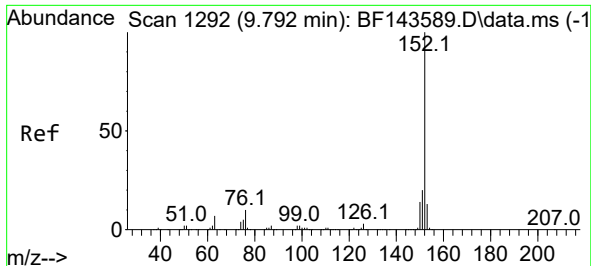
Supervised By :Jagrut Upadhyay 08/27/2025



#48
2-Nitroaniline
Concen: 17.775 ng
RT: 9.463 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

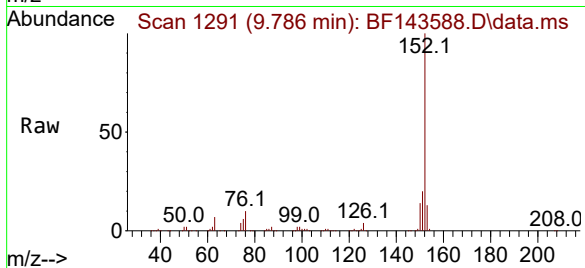
Tgt Ion: 65 Resp: 60748
Ion Ratio Lower Upper
65 100
92 60.9 49.6 74.4
138 92.8 78.6 118.0





#49
Acenaphthylene
Concen: 21.459 ng
RT: 9.786 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

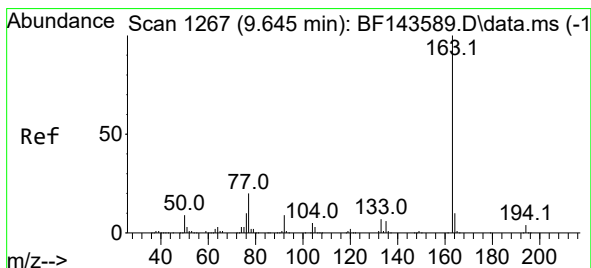
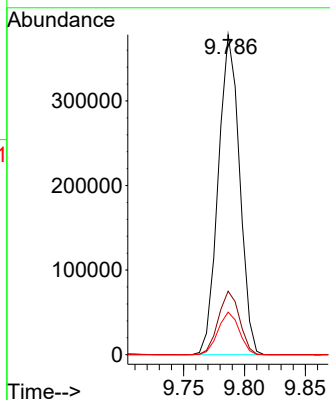
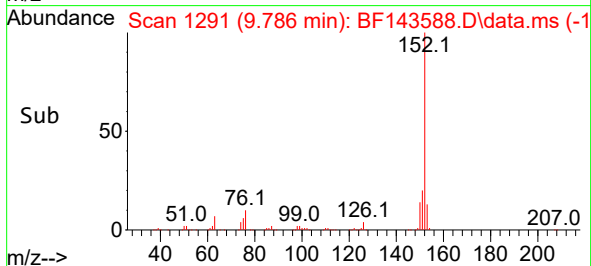
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



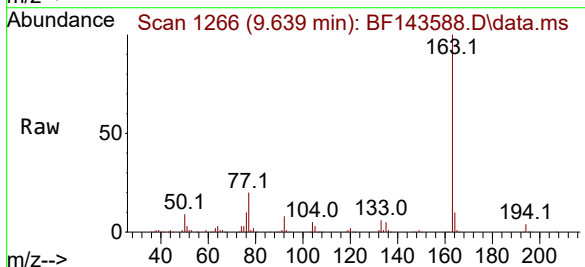
Tgt Ion:152 Resp: 46149
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.2
153 13.3 10.6 15.8

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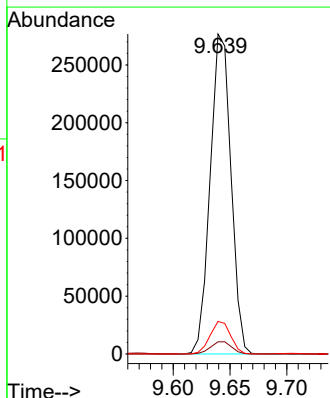
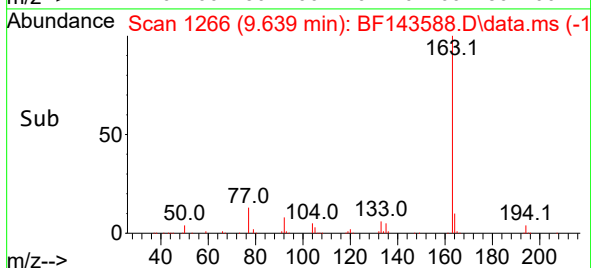
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025

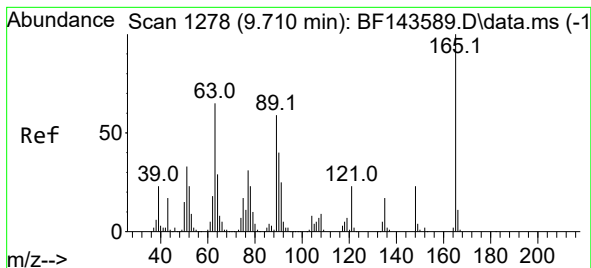


#50
Dimethylphthalate
Concen: 21.235 ng
RT: 9.639 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37



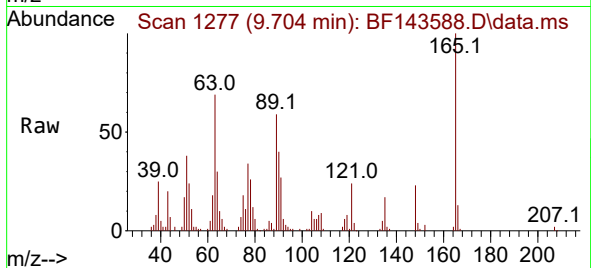
Tgt Ion:163 Resp: 352224
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.2 8.4 12.6





#51
2,6-Dinitrotoluene
Concen: 17.446 ng
RT: 9.704 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

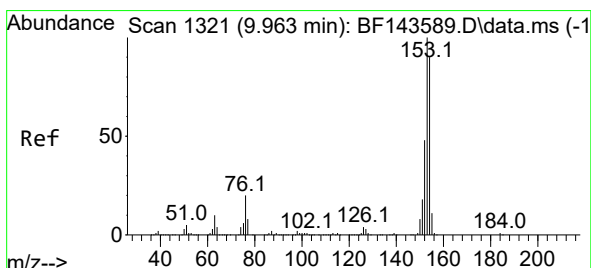
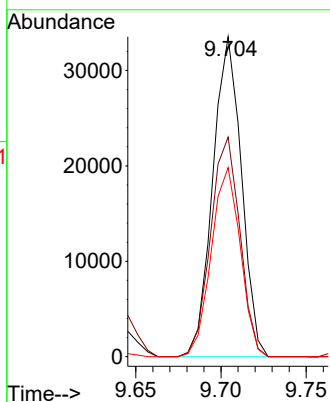
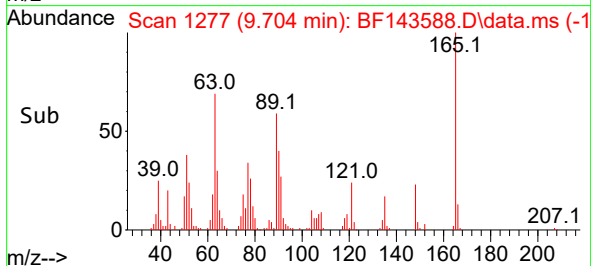
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:165 Resp: 3918
Ion Ratio Lower Upper
165 100
63 68.6 51.8 77.6
89 59.1 47.4 71.2

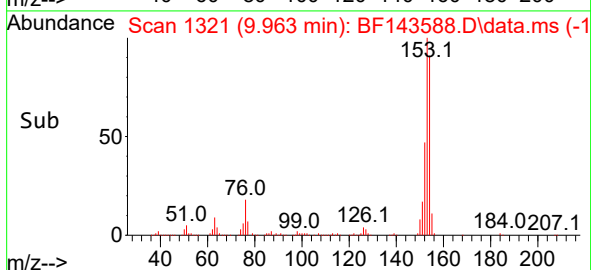
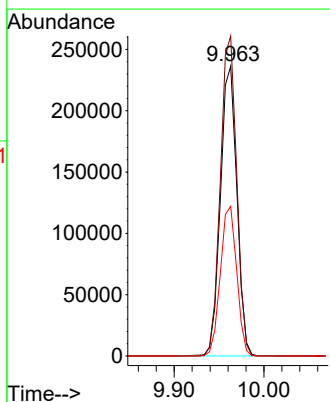
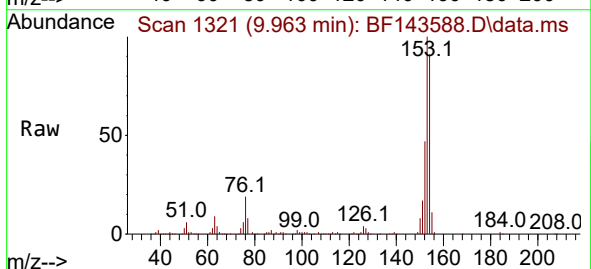
Manual Integrations
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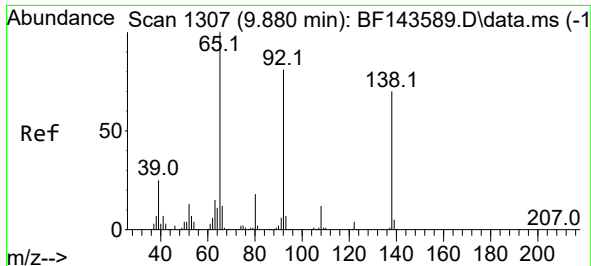
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025



#52
Acenaphthene
Concen: 21.341 ng
RT: 9.963 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion:154 Resp: 300626
Ion Ratio Lower Upper
154 100
153 110.4 89.0 133.4
152 51.7 42.9 64.3





#53
3-Nitroaniline
Concen: 18.640 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.011 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

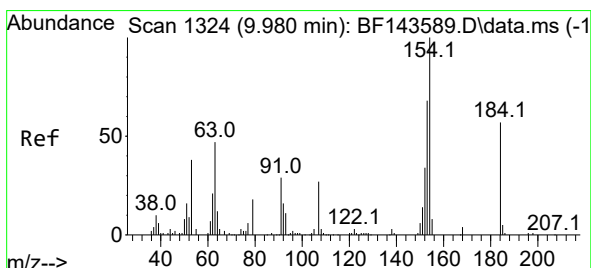
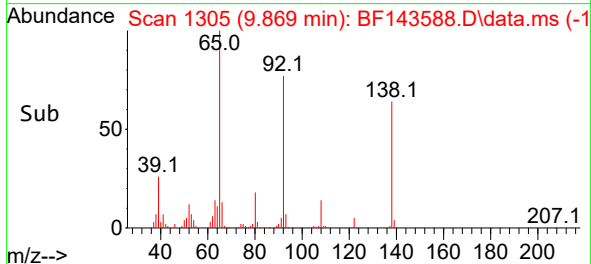
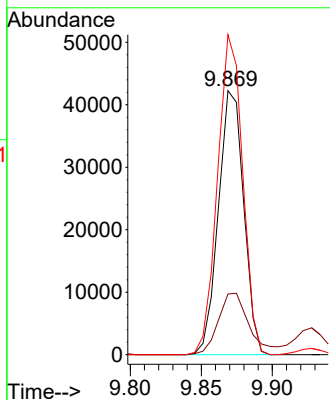
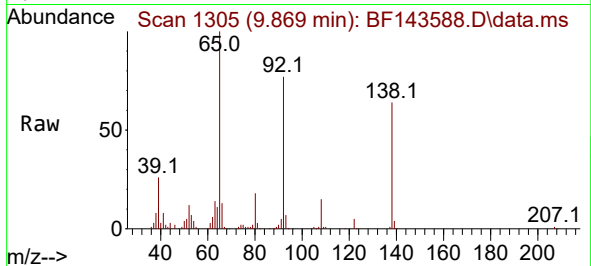
Tgt Ion:138 Resp: 5234
Ion Ratio Lower Upper
138 100
108 23.0 13.8 20.8
92 121.2 92.6 139.0

Manual Integrations

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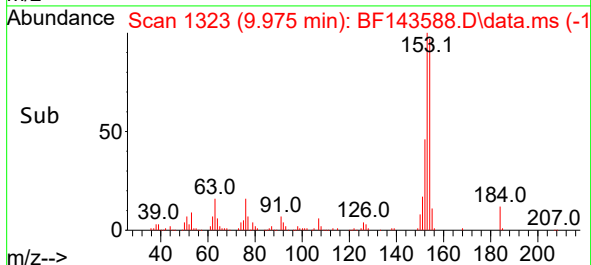
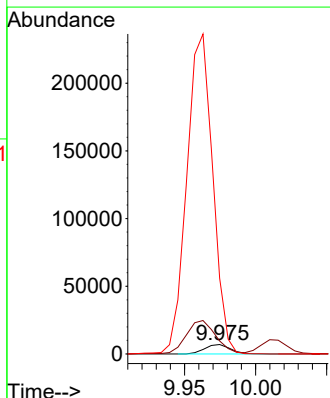
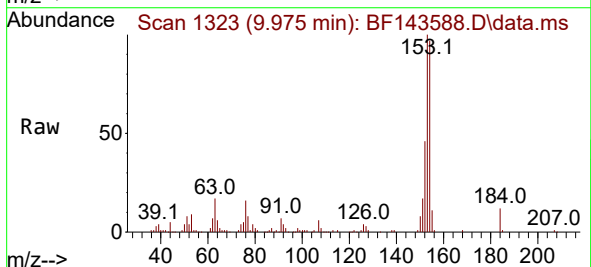
Reviewed By :Rahul Chavli 08/27/2025

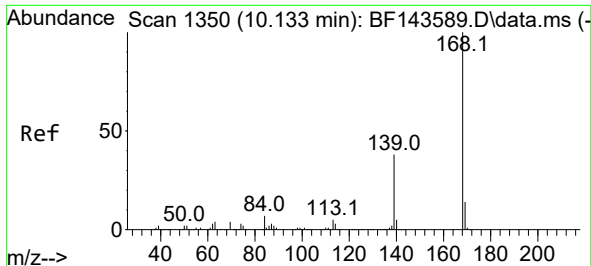
Supervised By :Jagrut Upadhyay 08/27/2025



#54
2,4-Dinitrophenol
Concen: 18.641 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

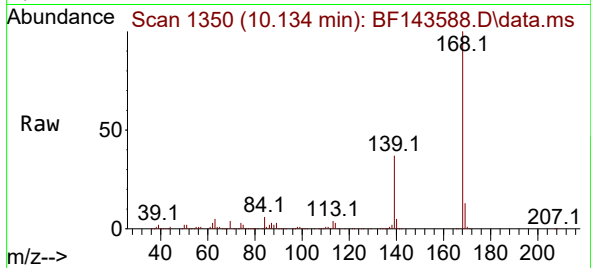
Tgt Ion:184 Resp: 8735
Ion Ratio Lower Upper
184 100
63 138.3 80.9 121.3#
154 804.4 262.0 393.0#





#55
Dibenzofuran
Concen: 21.517 ng
RT: 10.134 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

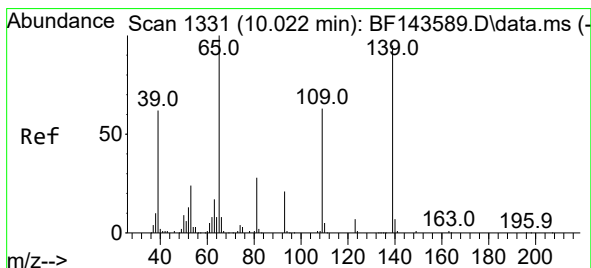
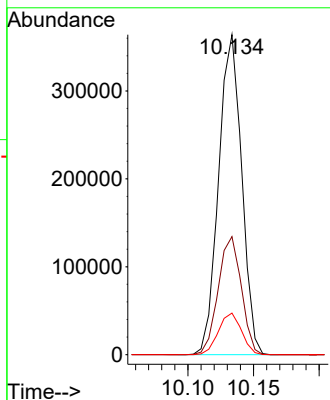
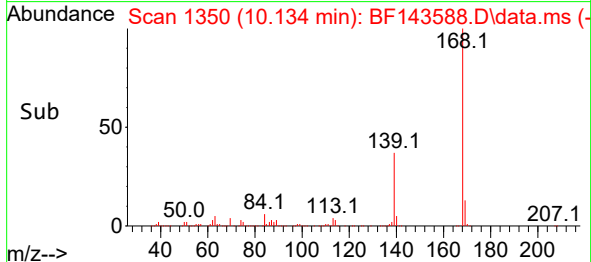
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:168 Resp: 444398
Ion Ratio Lower Upper
168 100
139 36.9 30.6 46.0
169 13.0 10.9 16.3

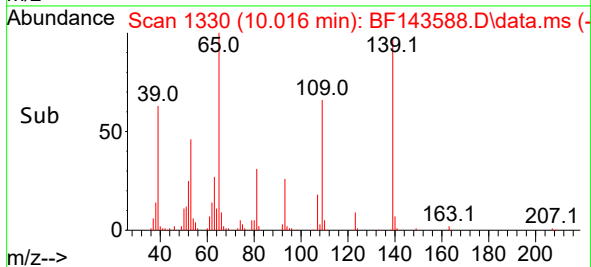
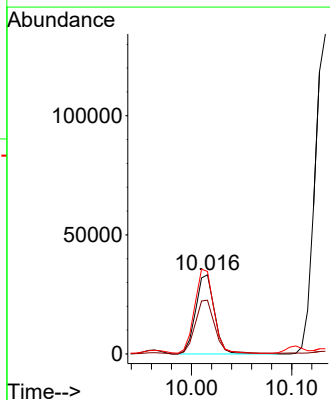
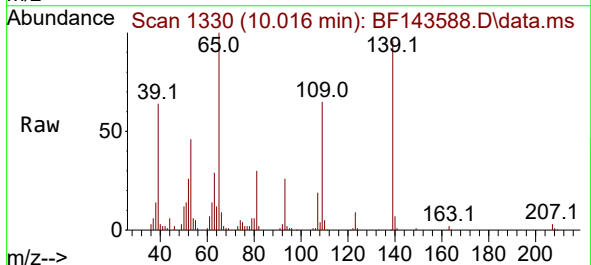
Manual Integrations
APPROVED

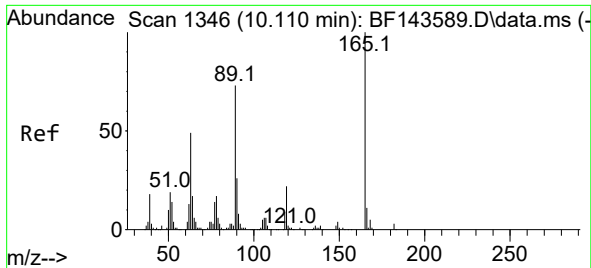
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025



#56
4-Nitrophenol
Concen: 19.508 ng
RT: 10.016 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

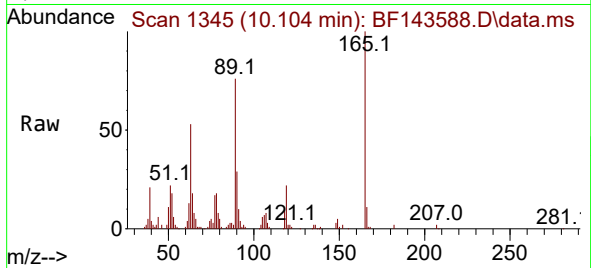
Tgt Ion:139 Resp: 43472
Ion Ratio Lower Upper
139 100
109 67.9 47.3 87.3
65 104.1 86.8 126.8





#57
2,4-Dinitrotoluene
Concen: 17.175 ng
RT: 10.104 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

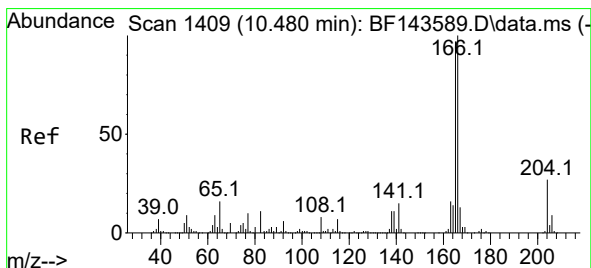
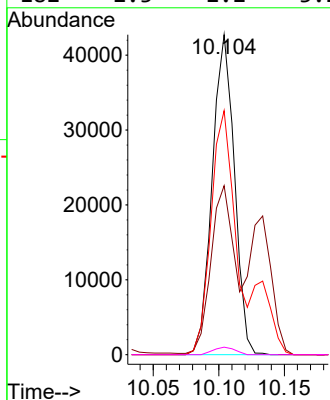
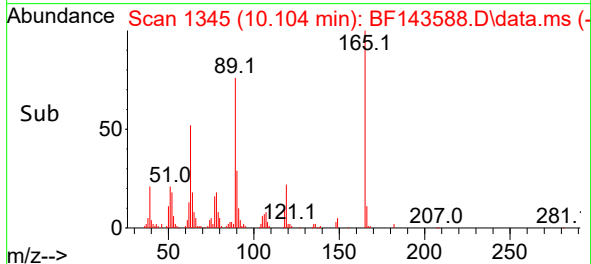
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:165 Resp: 50144
Ion Ratio Lower Upper
165 100
63 52.8 39.5 59.3
89 76.2 58.1 87.1
182 2.3 2.2 3.2

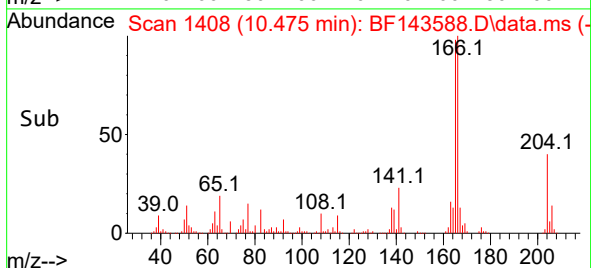
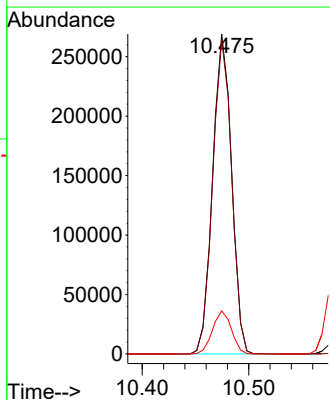
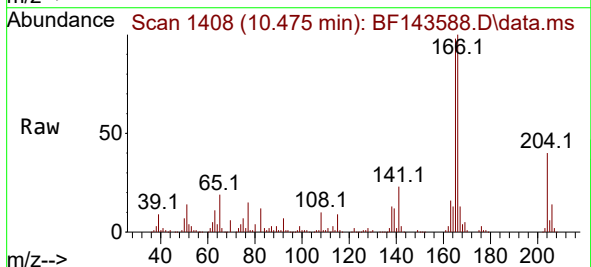
Manual Integrations
APPROVED

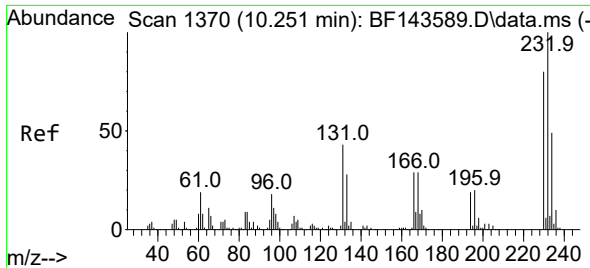
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025



#58
Fluorene
Concen: 21.402 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

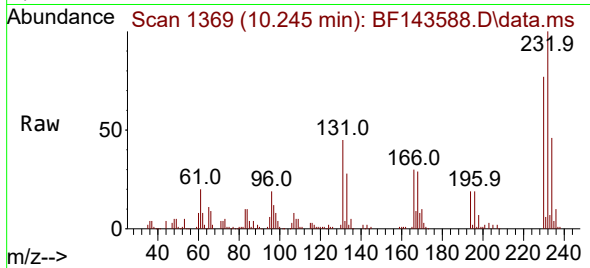
Tgt Ion:166 Resp: 331877
Ion Ratio Lower Upper
166 100
165 98.3 77.7 116.5
167 13.4 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 21.286 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.006 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

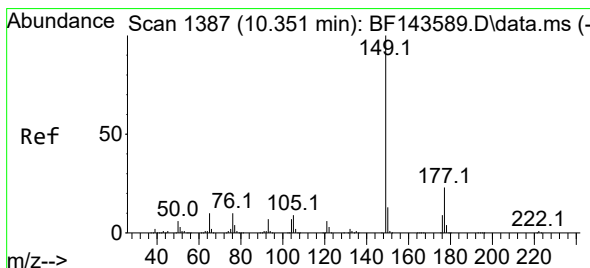
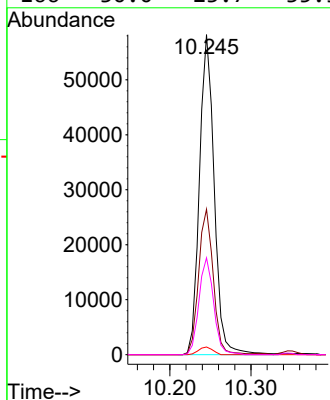
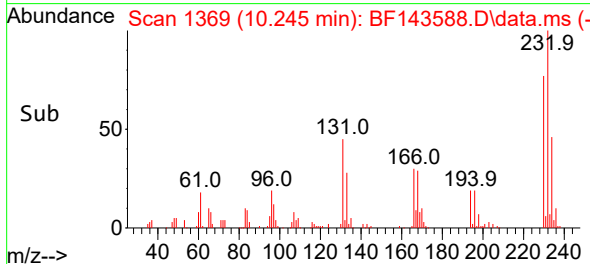
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:232 Resp: 7370
Ion Ratio Lower Upper
232 100
131 44.9 35.9 53.9
130 2.3 1.8 2.8
166 30.0 23.7 35.5

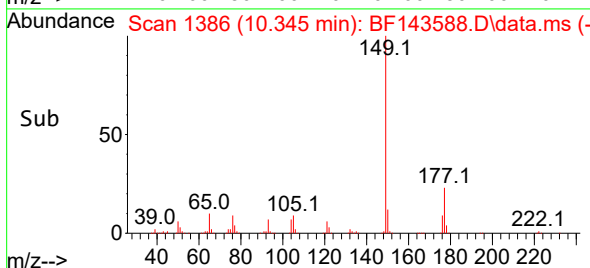
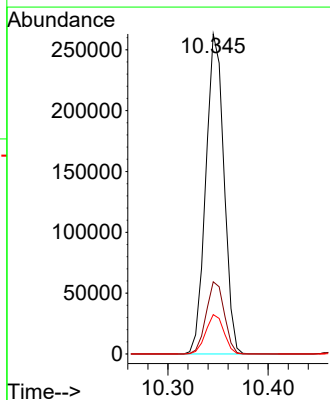
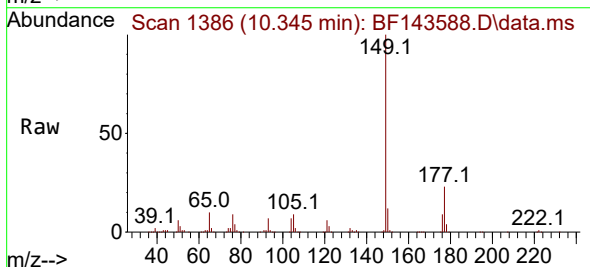
Manual Integrations
APPROVED

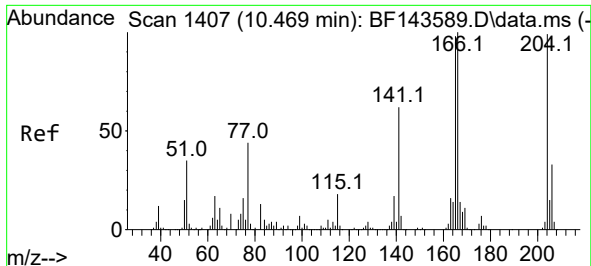
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025



#60
Diethylphthalate
Concen: 21.329 ng
RT: 10.345 min Scan# 1386
Delta R.T. -0.006 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

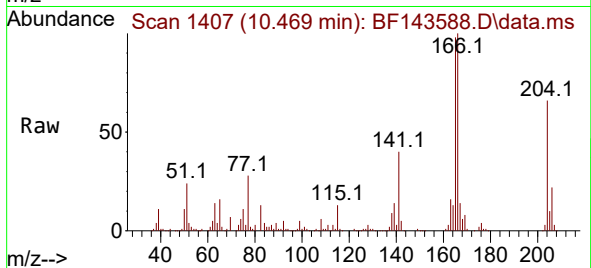
Tgt Ion:149 Resp: 331543
Ion Ratio Lower Upper
149 100
177 22.6 18.1 27.1
150 12.3 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 21.428 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

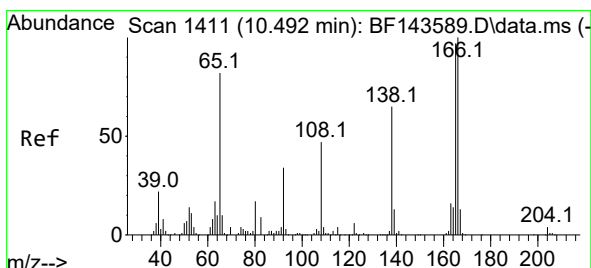
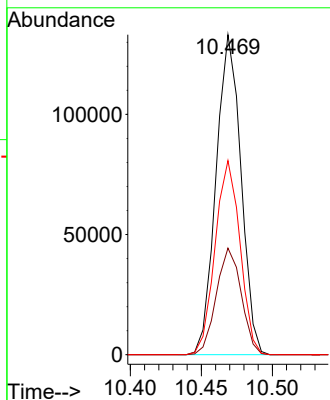
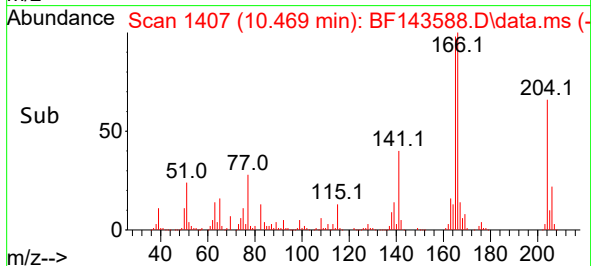
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



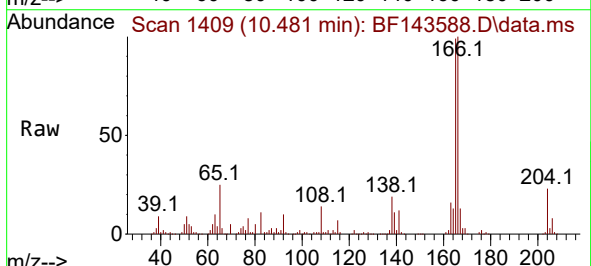
Tgt Ion:204 Resp: 162500
Ion Ratio Lower Upper
204 100
206 33.3 27.0 40.6
141 60.6 50.2 75.2

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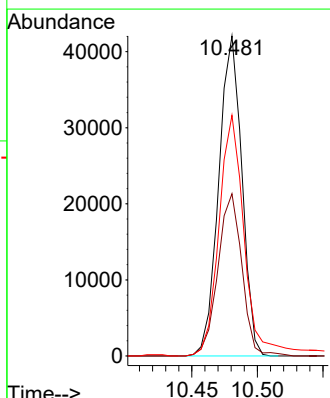
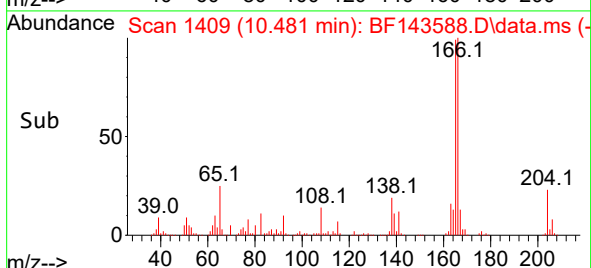
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025

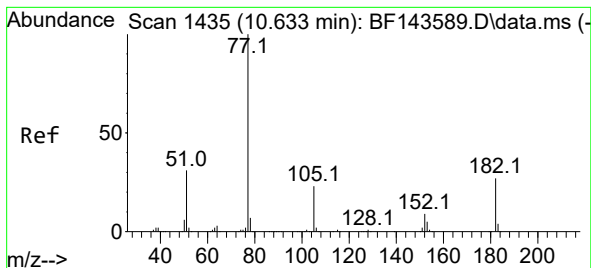


#62
4-Nitroaniline
Concen: 18.883 ng
RT: 10.481 min Scan# 1409
Delta R.T. -0.011 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37



Tgt Ion:138 Resp: 51496
Ion Ratio Lower Upper
138 100
92 50.7 31.3 71.3
108 75.2 51.6 91.6





#63

Azobenzene

Concen: 21.601 ng

RT: 10.628 min Scan# 1434

Delta R.T. -0.006 min

Lab File: BF143588.D

Acq: 26 Aug 2025 10:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 77 Resp: 34043

Ion Ratio Lower Upper

77 100

182 24.8 6.3 46.3

105 21.8 2.4 42.4

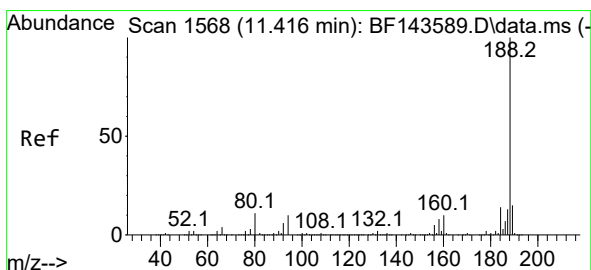
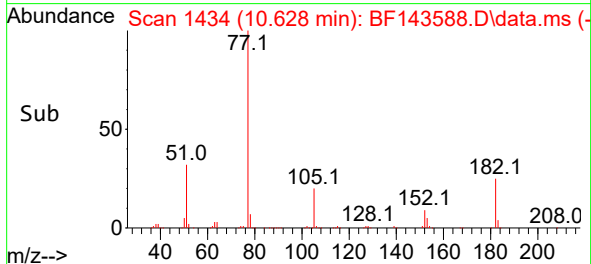
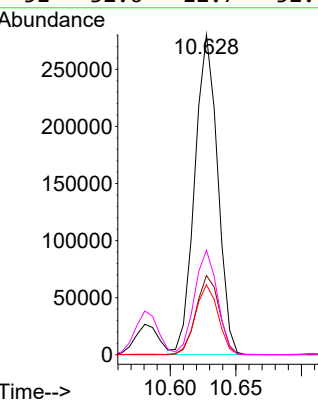
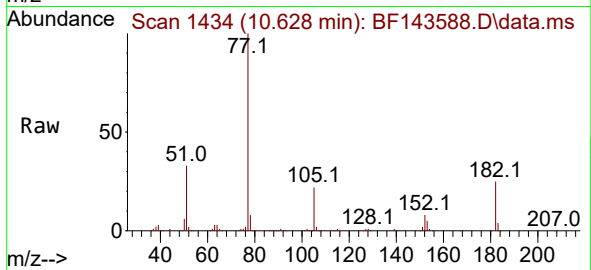
51 32.6 12.7 52.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/27/2025

Supervised By :Jagrut Upadhyay 08/27/2025



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1568

Delta R.T. -0.000 min

Lab File: BF143588.D

Acq: 26 Aug 2025 10:37

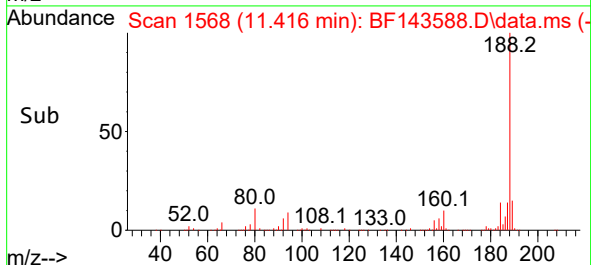
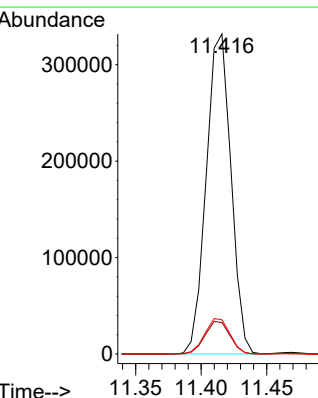
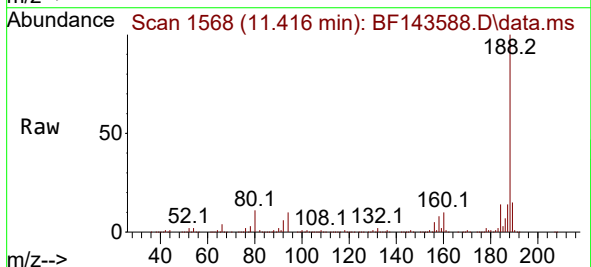
Tgt Ion:188 Resp: 435462

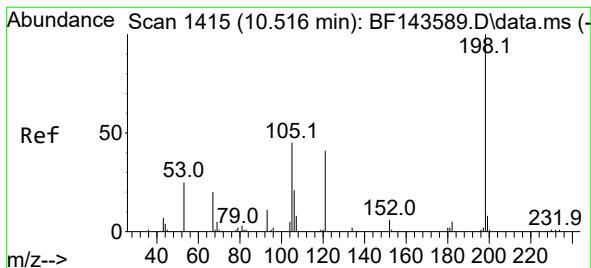
Ion Ratio Lower Upper

188 100

94 9.9 8.2 12.4

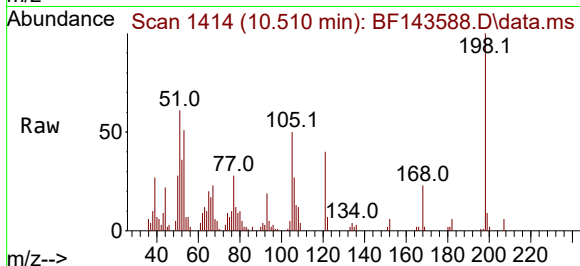
80 10.7 8.9 13.3





#65
4,6-Dinitro-2-methylphenol
Concen: 18.075 ng
RT: 10.510 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

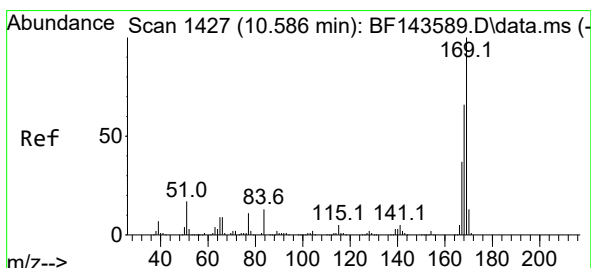
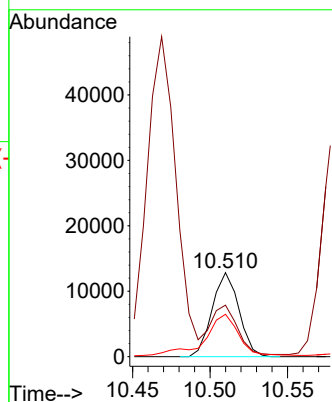
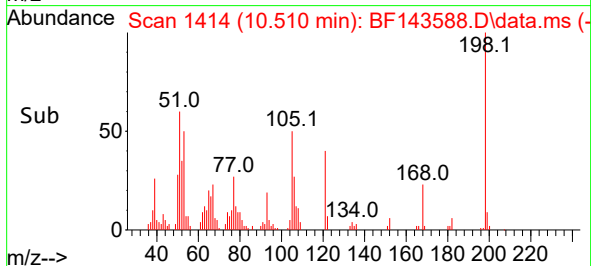
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:198 Resp: 1539
Ion Ratio Lower Upper
198 100
51 61.3 41.5 81.5
105 50.5 28.2 68.2

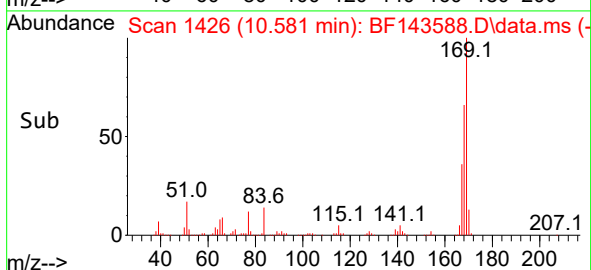
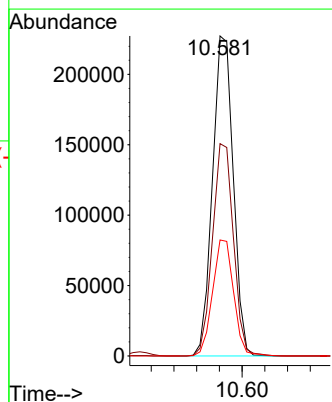
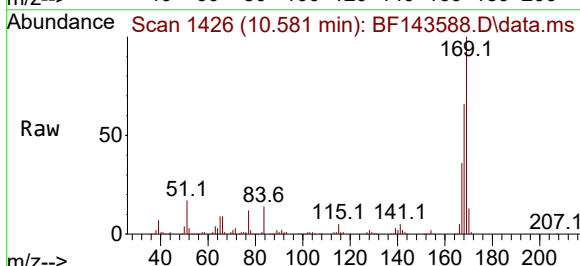
Manual Integrations
APPROVED

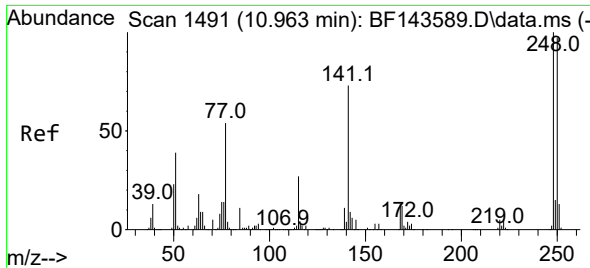
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025



#66
n-Nitrosodiphenylamine
Concen: 20.821 ng
RT: 10.581 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion:169 Resp: 288398
Ion Ratio Lower Upper
169 100
168 66.4 53.1 79.7
167 36.3 29.3 43.9





#67
4-Bromophenyl-phenylether
Concen: 21.052 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Instrument :

BNA_F

ClientSampleId :

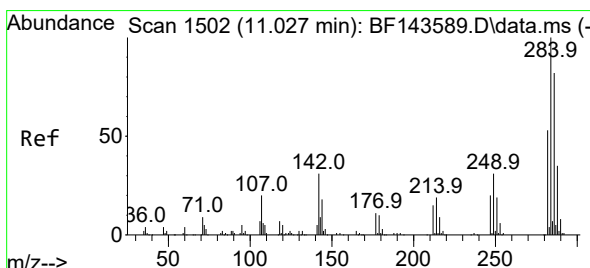
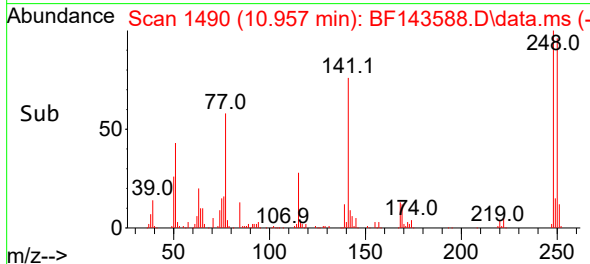
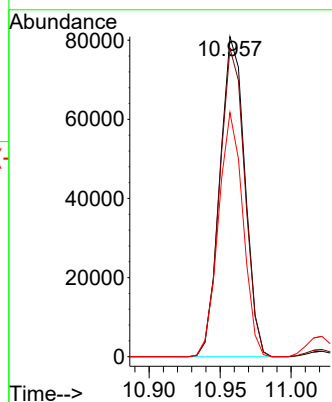
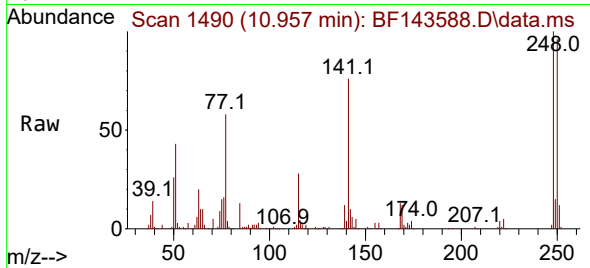
SSTDICC020

Tgt Ion:248 Resp: 99160
Ion Ratio Lower Upper
248 100
250 96.4 77.8 116.6
141 76.3 58.5 87.7

Manual Integrations

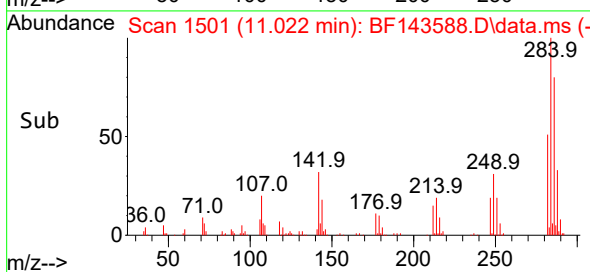
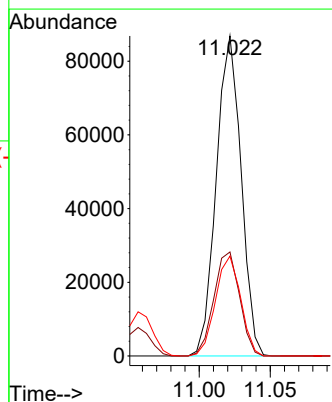
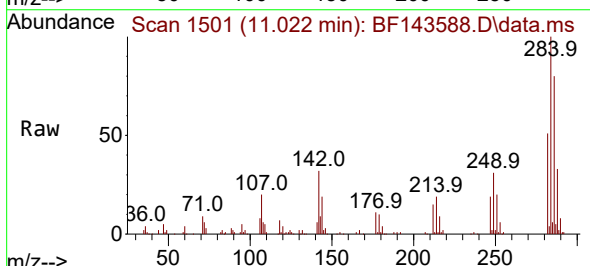
APPROVED

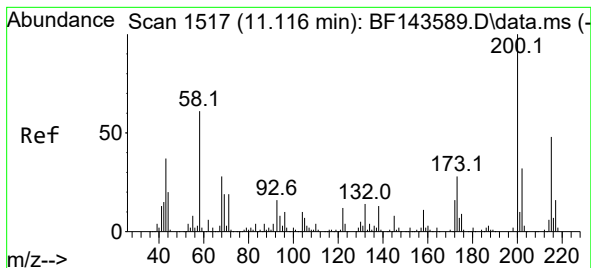
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025



#68
Hexachlorobenzene
Concen: 20.940 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.005 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion:284 Resp: 105499
Ion Ratio Lower Upper
284 100
142 32.5 24.7 37.1
249 31.2 25.0 37.6





#69

Atrazine

Concen: 20.585 ng

RT: 11.110 min Scan# 1516

Delta R.T. -0.006 min

Lab File: BF143588.D

Acq: 26 Aug 2025 10:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:200 Resp: 8195

Ion Ratio Lower Upper

200 100

173 26.5 7.6 47.6

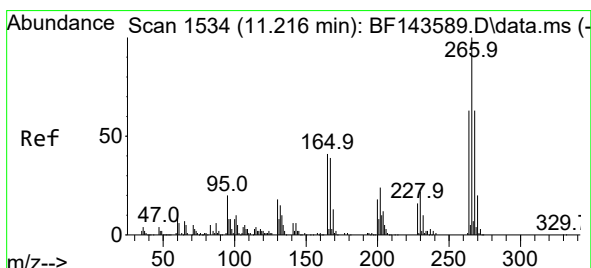
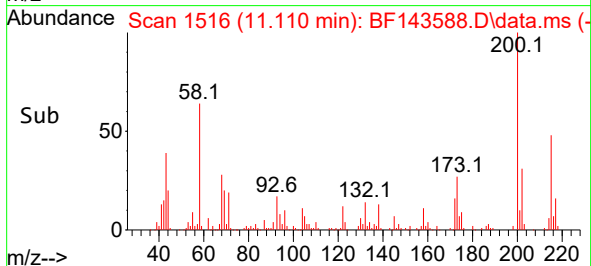
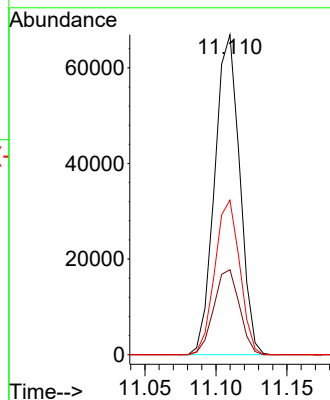
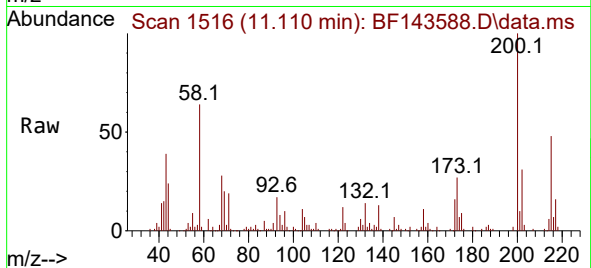
215 48.3 28.3 68.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/27/2025

Supervised By :Jagrut Upadhyay 08/27/2025



#70

Pentachlorophenol

Concen: 19.003 ng

RT: 11.210 min Scan# 1533

Delta R.T. -0.006 min

Lab File: BF143588.D

Acq: 26 Aug 2025 10:37

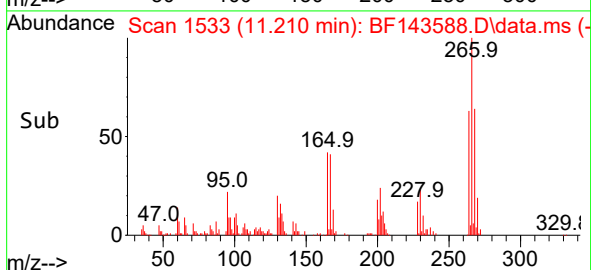
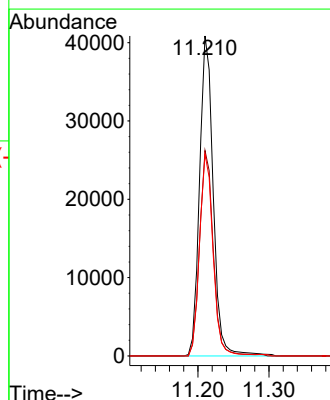
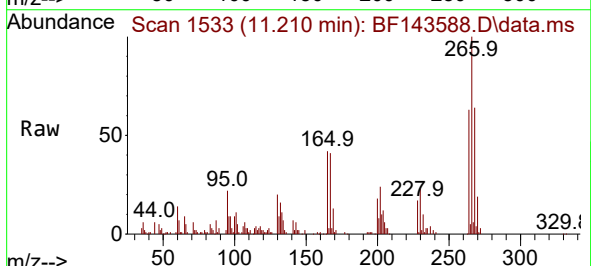
Tgt Ion:266 Resp: 54701

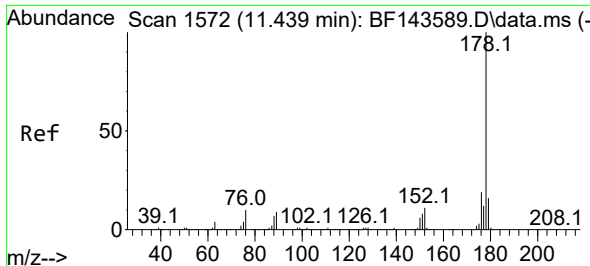
Ion Ratio Lower Upper

266 100

268 64.2 50.4 75.6

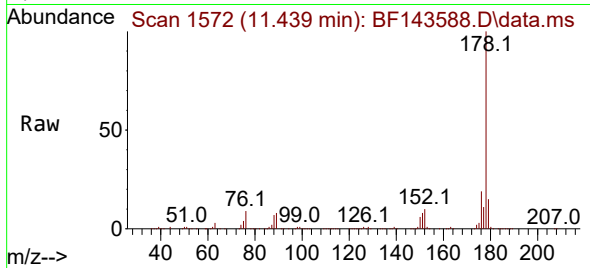
264 63.0 50.1 75.1





#71
Phenanthrene
Concen: 21.044 ng
RT: 11.439 min Scan# 1147
Delta R.T. 0.000 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

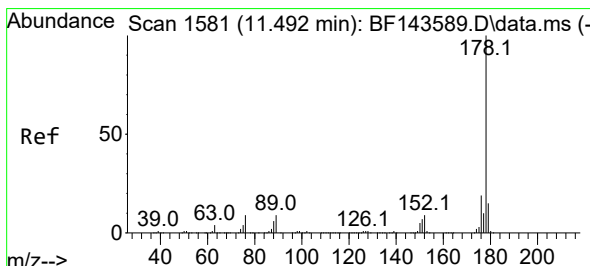
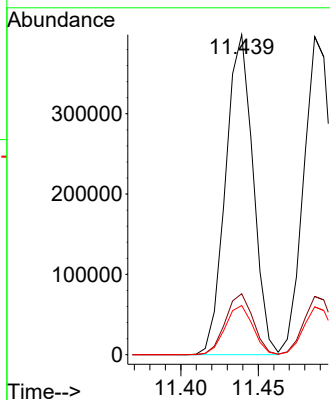
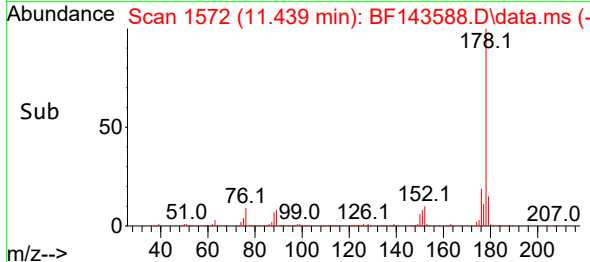
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



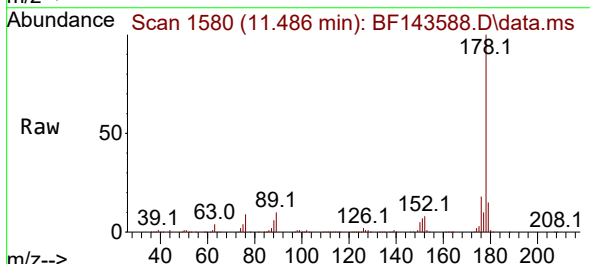
Tgt Ion:178 Resp: 490642
Ion Ratio Lower Upper
178 100
176 19.1 15.6 23.4
179 15.4 12.5 18.7

Manual Integrations
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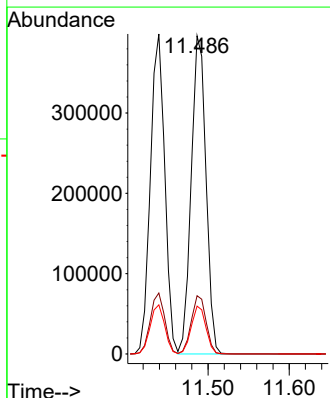
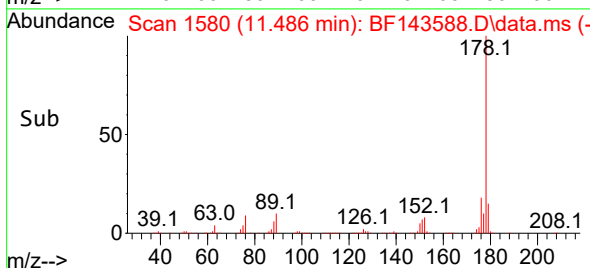
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025

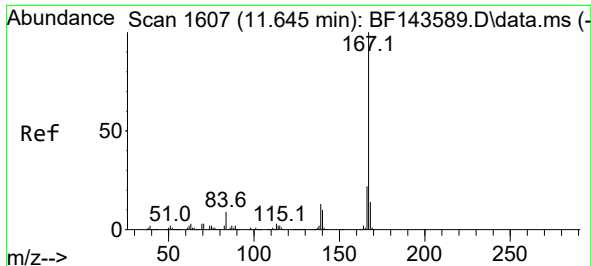


#72
Anthracene
Concen: 21.336 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37



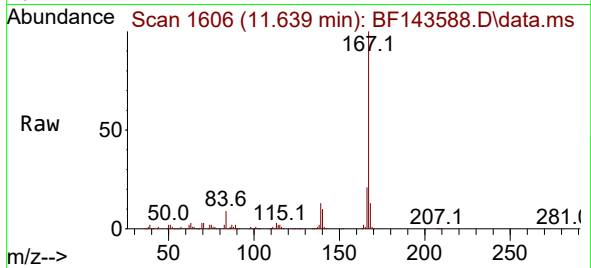
Tgt Ion:178 Resp: 501308
Ion Ratio Lower Upper
178 100
176 18.3 15.0 22.6
179 15.0 12.4 18.6





#73
 Carbazole
 Concen: 21.242 ng
 RT: 11.639 min Scan# 1606
 Delta R.T. -0.006 min
 Lab File: BF143588.D
 Acq: 26 Aug 2025 10:37

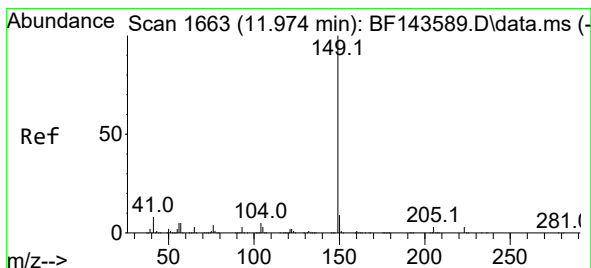
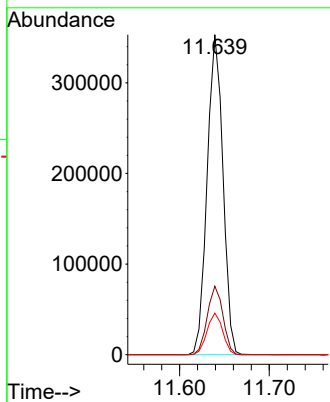
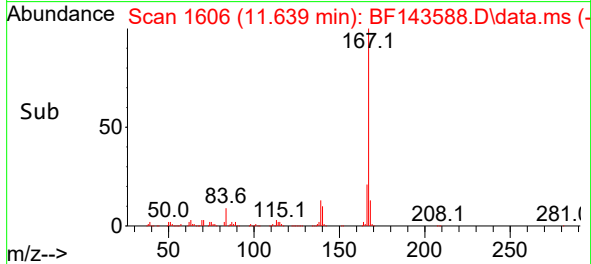
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020



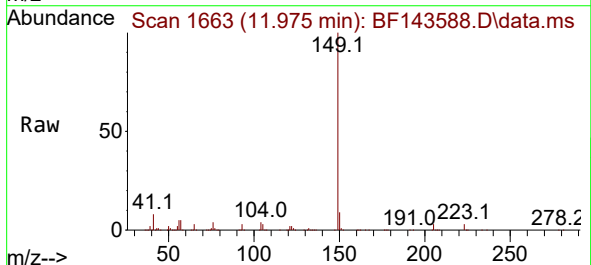
Tgt Ion:167 Resp: 431428
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.3 25.9
 139 13.0 10.4 15.6

Manual Integrations
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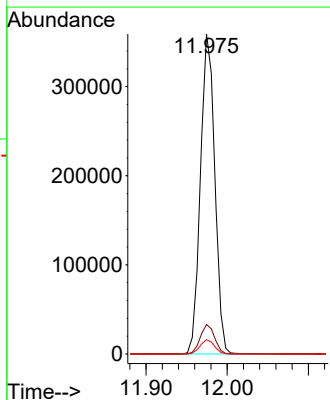
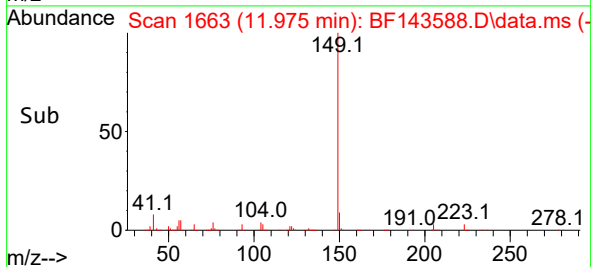
Reviewed By :Rahul Chavli 08/27/2025
 Supervised By :Jagrut Upadhyay 08/27/2025

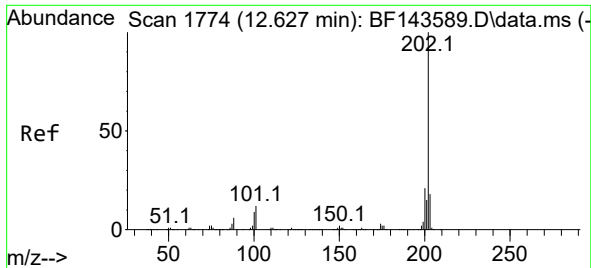


#74
 Di-n-butylphthalate
 Concen: 21.314 ng
 RT: 11.975 min Scan# 1663
 Delta R.T. 0.000 min
 Lab File: BF143588.D
 Acq: 26 Aug 2025 10:37



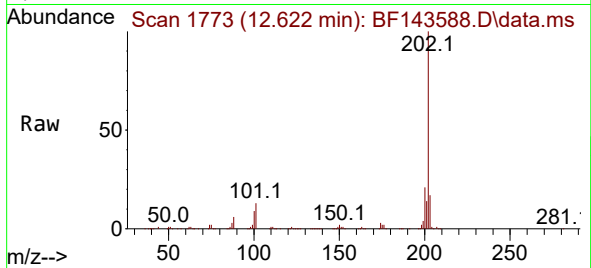
Tgt Ion:149 Resp: 440920
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 4.4 3.6 5.4





#75
Fluoranthene
Concen: 21.794 ng
RT: 12.622 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

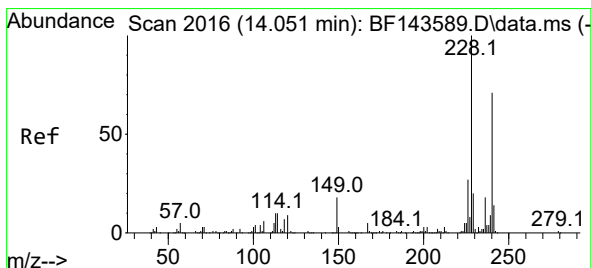
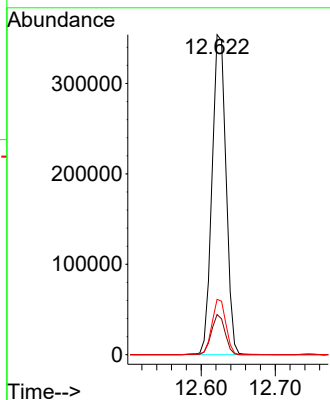
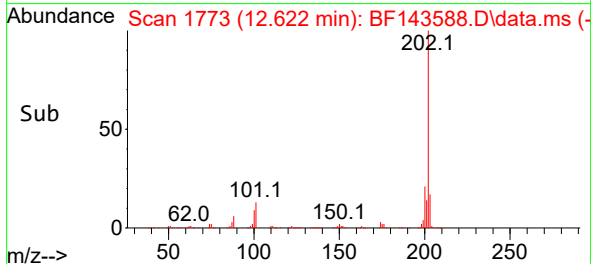
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



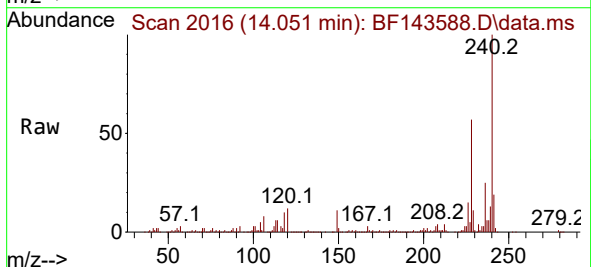
Tgt Ion:202 Resp: 46395
Ion Ratio Lower Upper
202 100
101 12.6 0.0 32.3
203 17.3 0.0 37.5

Manual Integrations
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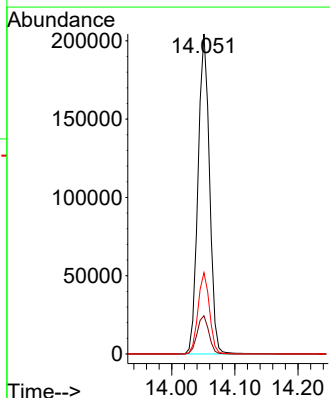
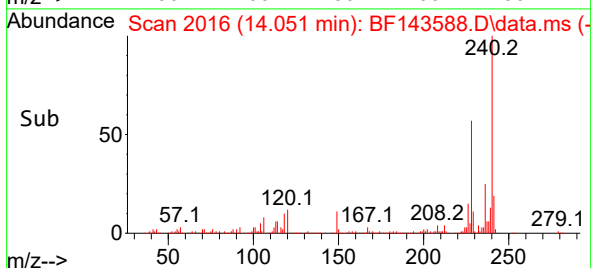
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025

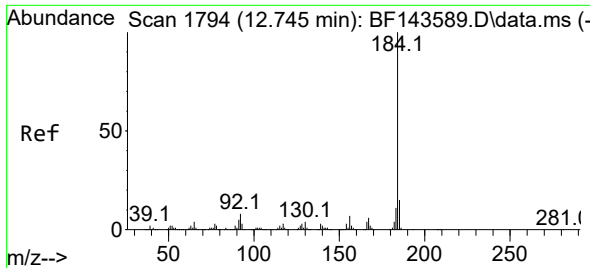


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37



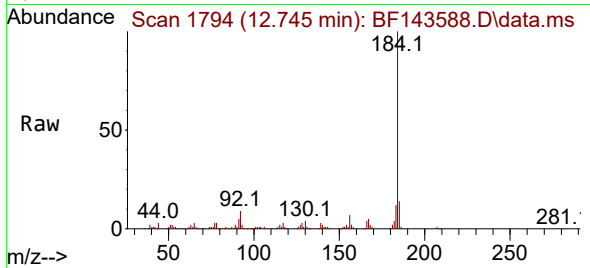
Tgt Ion:240 Resp: 257613
Ion Ratio Lower Upper
240 100
120 12.0 9.6 14.4
236 25.4 20.2 30.2





#77
Benzidine
Concen: 27.609 ng
RT: 12.745 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

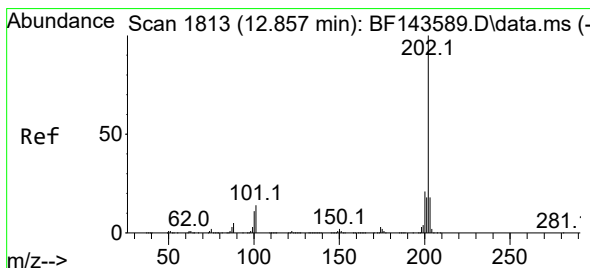
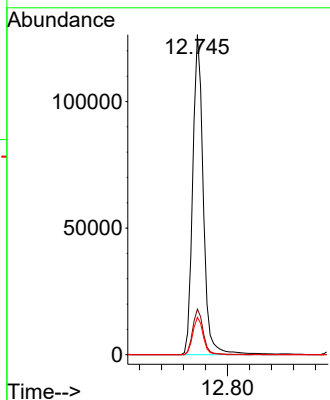
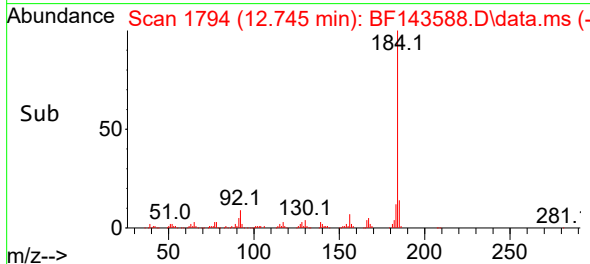
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



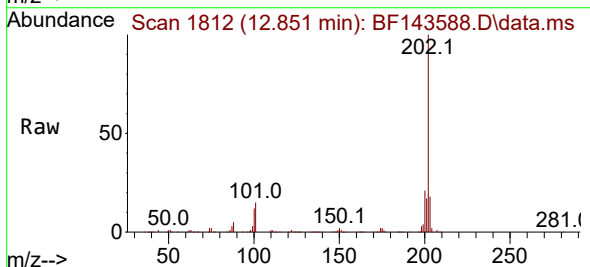
Tgt Ion:184 Resp: 16846
Ion Ratio Lower Upper
184 100
185 14.3 11.8 17.6
183 11.7 9.1 13.7

Manual Integrations
APPROVED

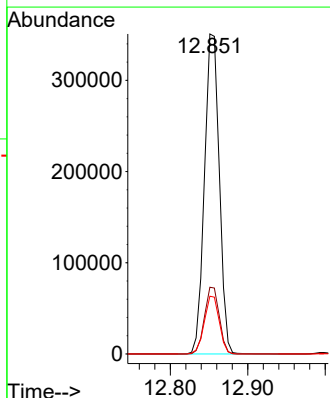
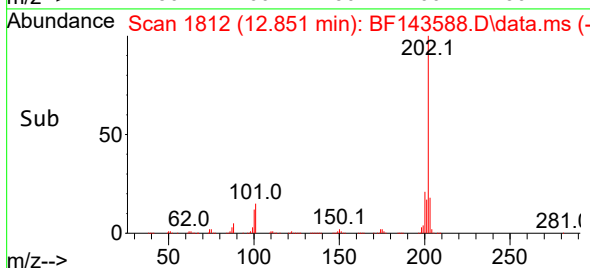
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025

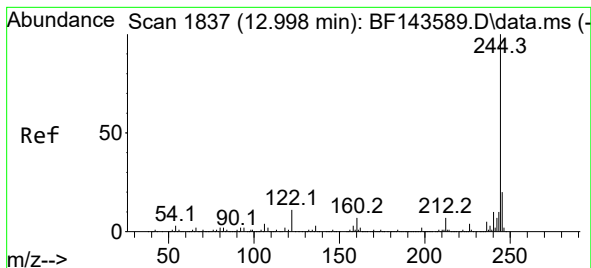


#78
Pyrene
Concen: 21.629 ng
RT: 12.851 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37



Tgt Ion:202 Resp: 466310
Ion Ratio Lower Upper
202 100
200 20.9 17.0 25.4
203 18.0 14.2 21.4





#79

Terphenyl-d14

Concen: 43.819 ng

RT: 12.998 min Scan# 1837

Delta R.T. 0.000 min

Lab File: BF143588.D

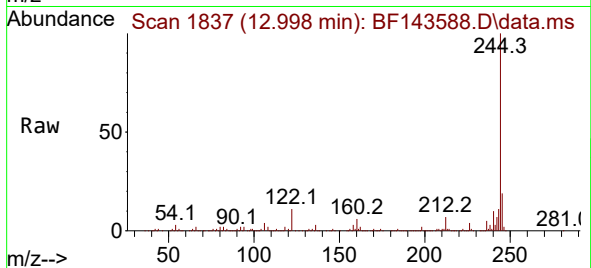
Acq: 26 Aug 2025 10:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:244 Resp: 62906

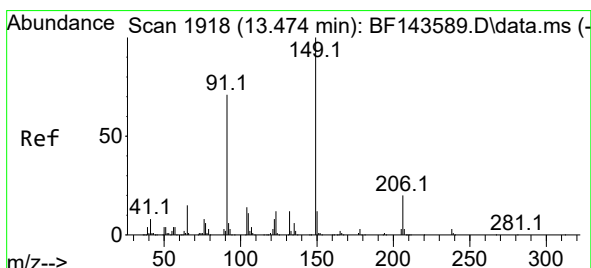
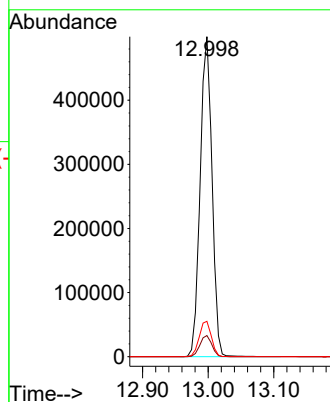
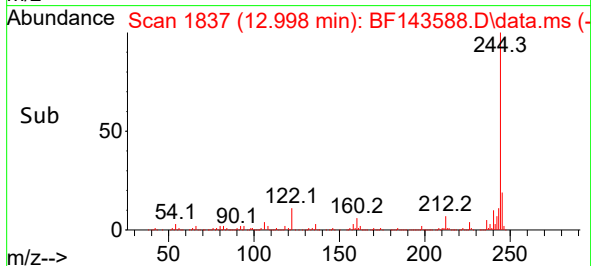
Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.5	8.3
122	11.0	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/27/2025

Supervised By :Jagrut Upadhyay 08/27/2025



#80

Butylbenzylphthalate

Concen: 18.739 ng

RT: 13.474 min Scan# 1918

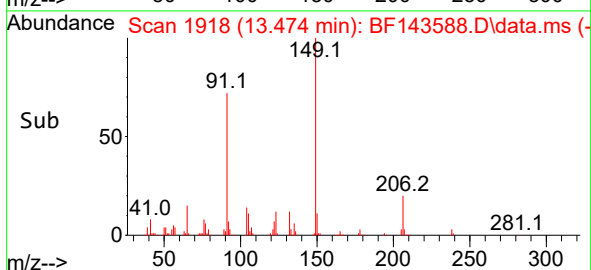
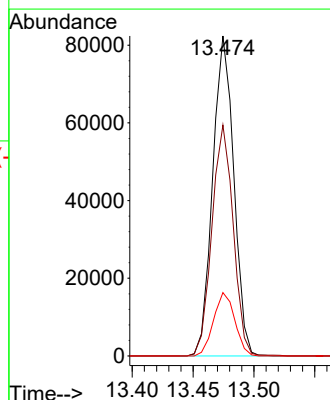
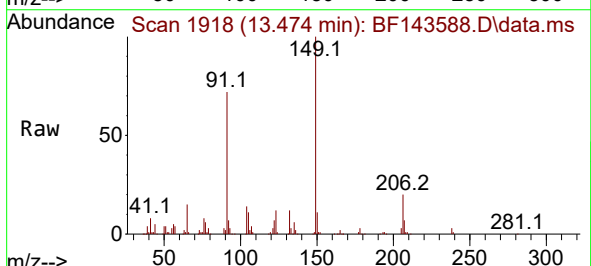
Delta R.T. 0.000 min

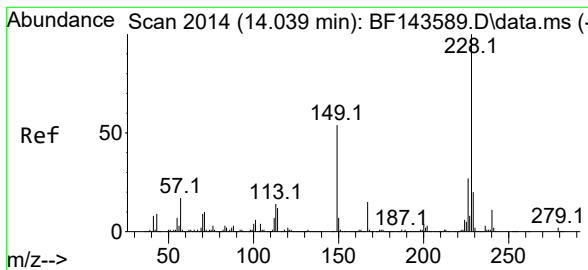
Lab File: BF143588.D

Acq: 26 Aug 2025 10:37

Tgt Ion:149 Resp: 99354

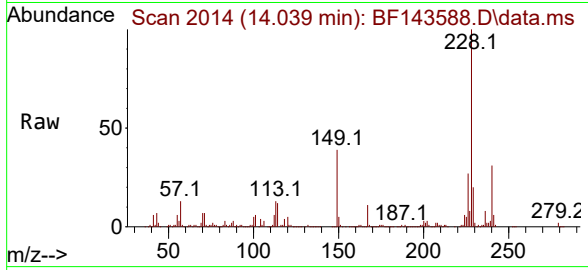
Ion	Ratio	Lower	Upper
149	100		
91	72.1	56.8	85.2
206	19.8	16.2	24.2





#81
Benzo(a)anthracene
Concen: 20.471 ng
RT: 14.039 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

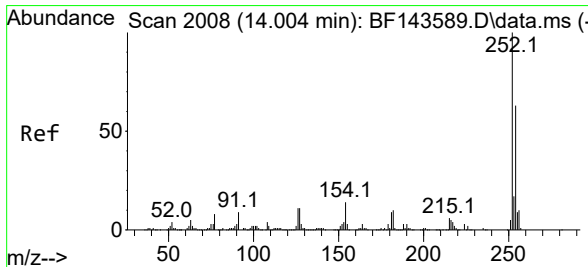
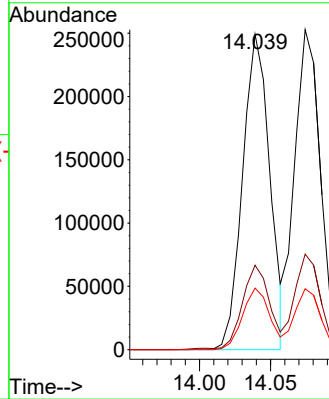
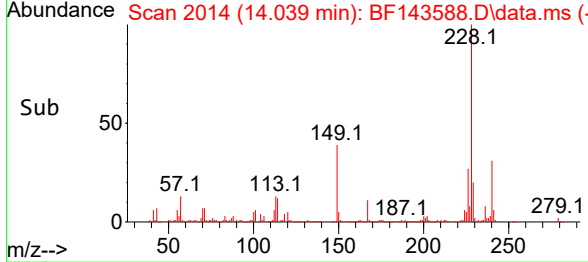
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



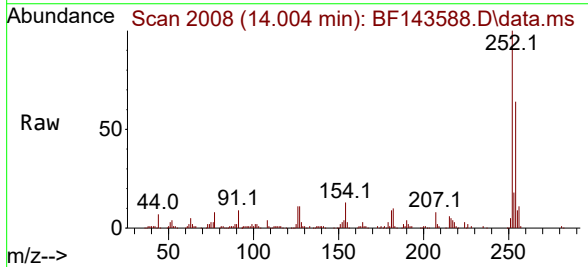
Tgt Ion:228 Resp: 33178
Ion Ratio Lower Upper
228 100
226 26.8 21.8 32.8
229 19.5 16.1 24.1

Manual Integrations
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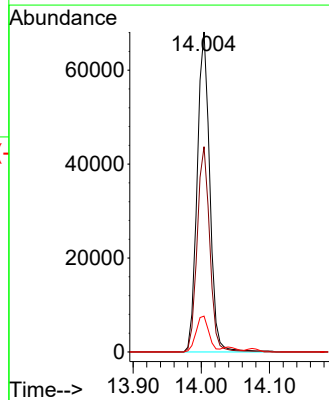
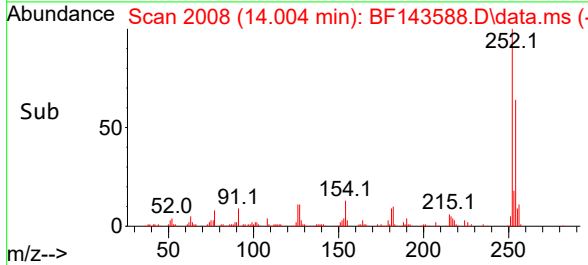
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025

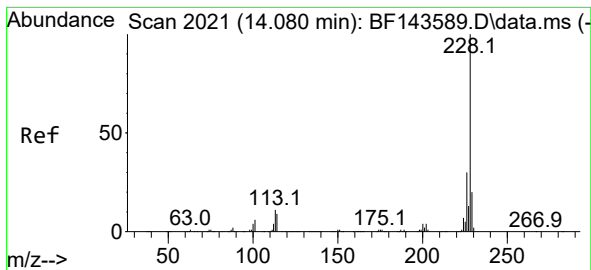


#82
3,3'-Dichlorobenzidine
Concen: 20.100 ng
RT: 14.004 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37



Tgt Ion:252 Resp: 87340
Ion Ratio Lower Upper
252 100
254 64.1 50.2 75.2
126 11.2 9.1 13.7





#83

Chrysene

Concen: 21.209 ng

RT: 14.074 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF143588.D

Acq: 26 Aug 2025 10:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:228 Resp: 32034

Ion Ratio Lower Upper

228 100

226 29.8 24.2 36.2

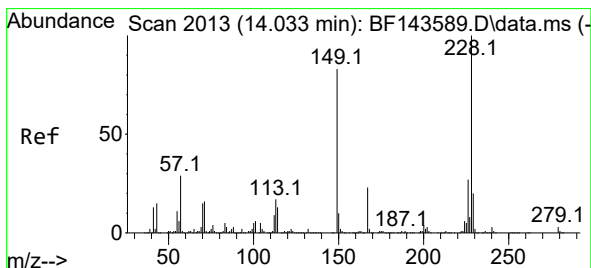
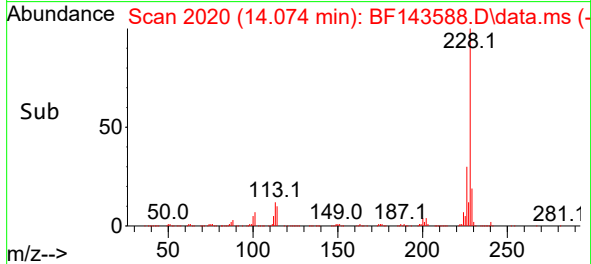
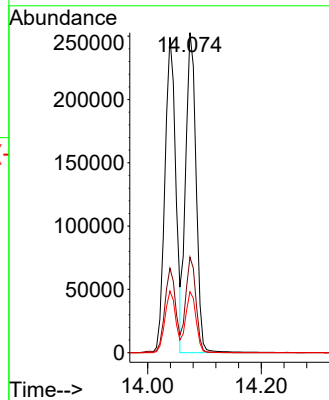
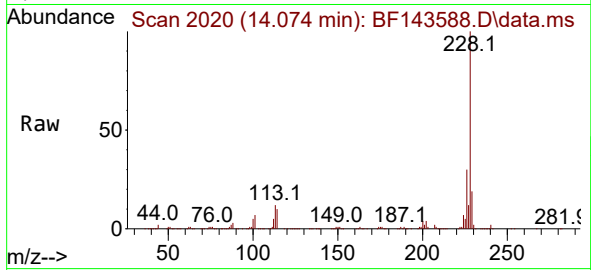
229 19.1 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/27/2025

Supervised By :Jagrut Upadhyay 08/27/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 19.370 ng

RT: 14.033 min Scan# 2013

Delta R.T. 0.000 min

Lab File: BF143588.D

Acq: 26 Aug 2025 10:37

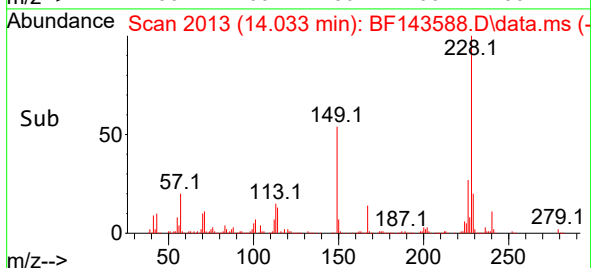
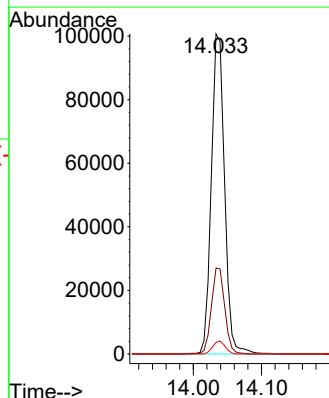
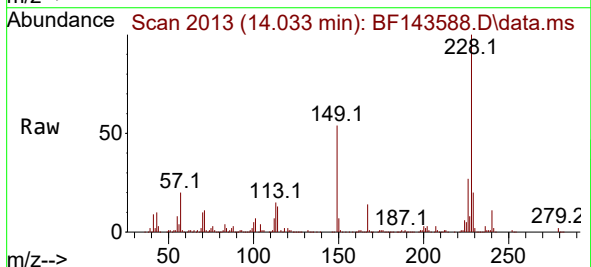
Tgt Ion:149 Resp: 136406

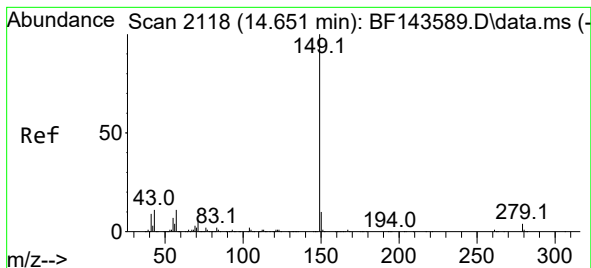
Ion Ratio Lower Upper

149 100

167 26.8 21.8 32.8

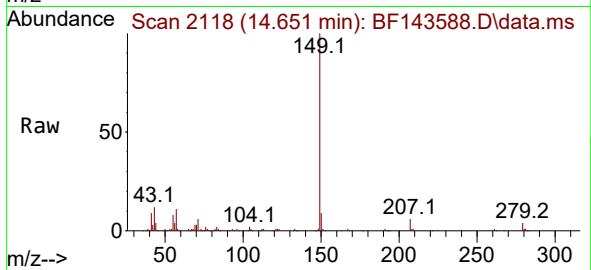
279 3.6 2.9 4.3





#85
Di-n-octyl phthalate
Concen: 18.941 ng
RT: 14.651 min Scan# 2118
Delta R.T. -0.000 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

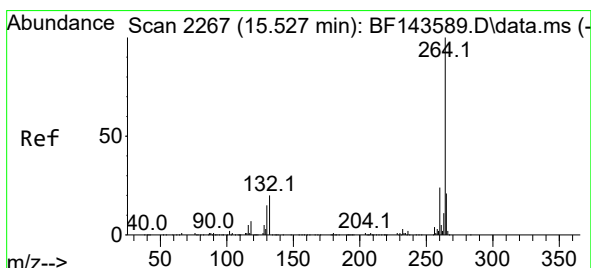
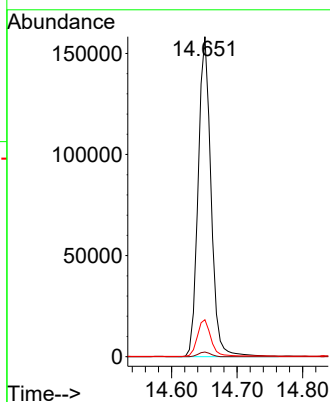
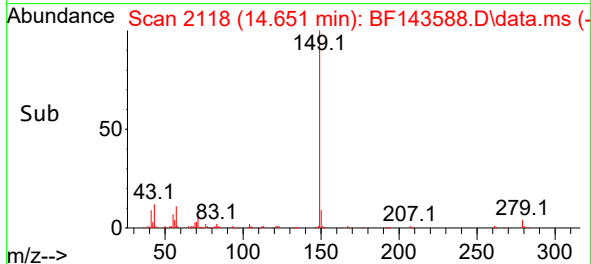
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



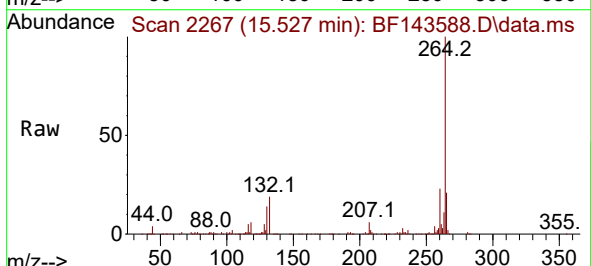
Tgt Ion:149 Resp: 216458
Ion Ratio Lower Upper
149 100
167 1.4 1.2 1.8
43 12.3 9.5 14.3

Manual Integrations
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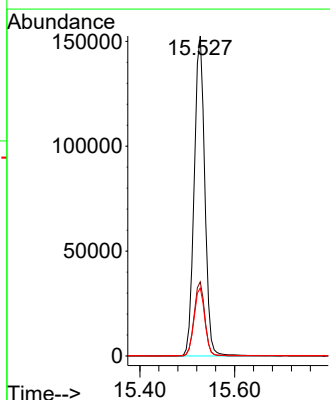
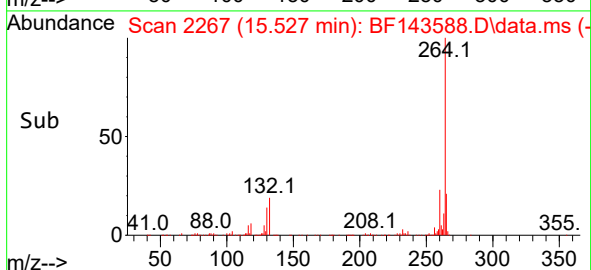
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025

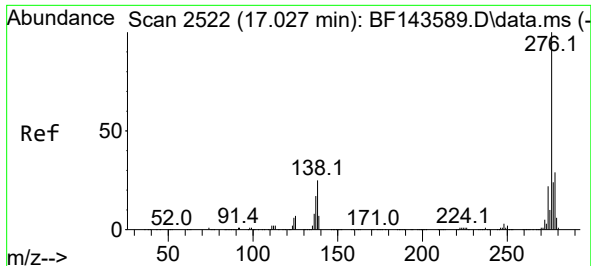


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2267
Delta R.T. 0.000 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37



Tgt Ion:264 Resp: 236871
Ion Ratio Lower Upper
264 100
260 23.2 18.9 28.3
265 21.3 17.0 25.4





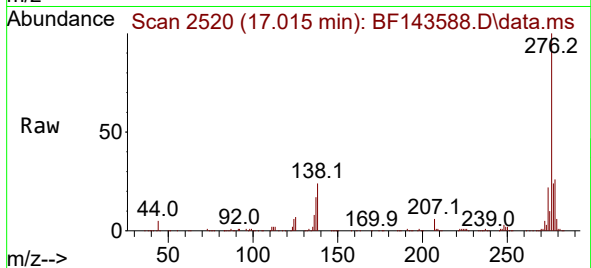
#87
Indeno(1,2,3-cd)pyrene
Concen: 21.482 ng
RT: 17.015 min Scan# 2190
Delta R.T. -0.012 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



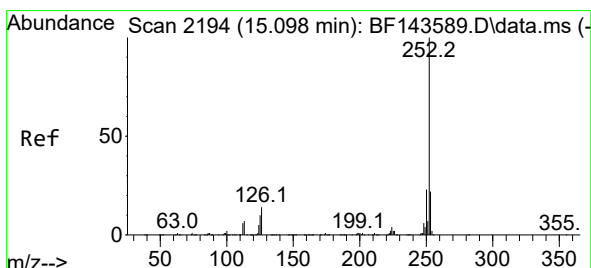
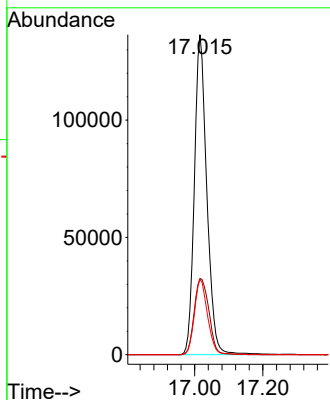
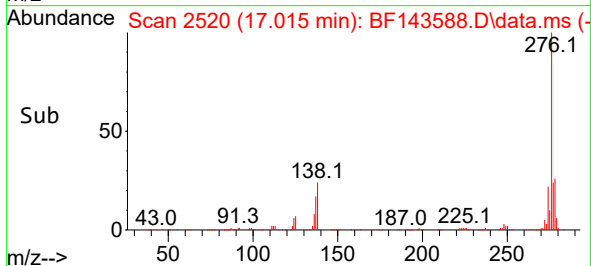
Tgt Ion:276 Resp: 346199
Ion Ratio Lower Upper
276 100
138 28.0 22.3 33.5
277 24.8 20.0 30.0

Manual Integrations

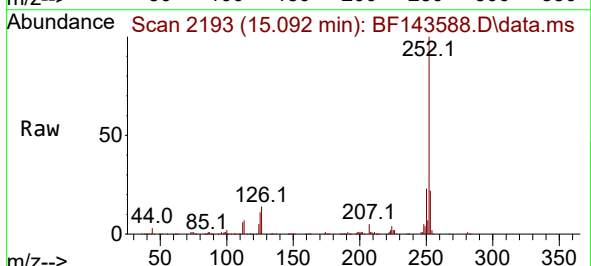
APPROVED

Reviewed By :Rahul Chavli 08/27/2025

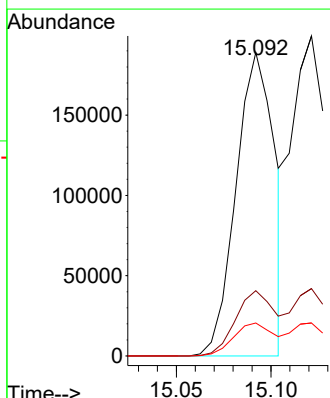
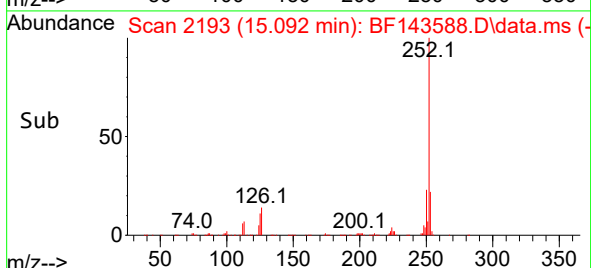
Supervised By :Jagrut Upadhyay 08/27/2025

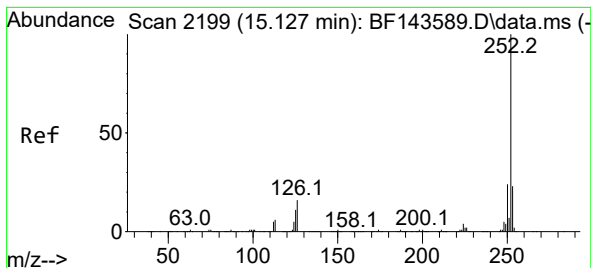


#88
Benzo(b)fluoranthene
Concen: 19.789 ng
RT: 15.092 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37



Tgt Ion:252 Resp: 267822
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 10.9 8.2 12.2





#89

Benzo(k)fluoranthene

Concen: 21.807 ng

RT: 15.121 min Scan# 2199

Delta R.T. -0.006 min

Lab File: BF143588.D

Acq: 26 Aug 2025 10:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

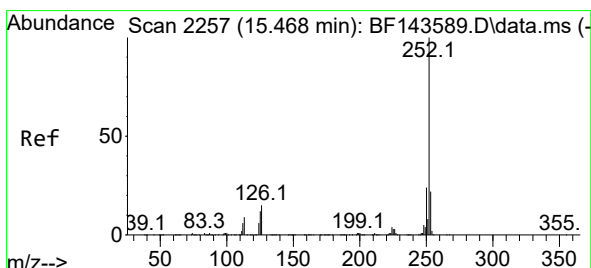
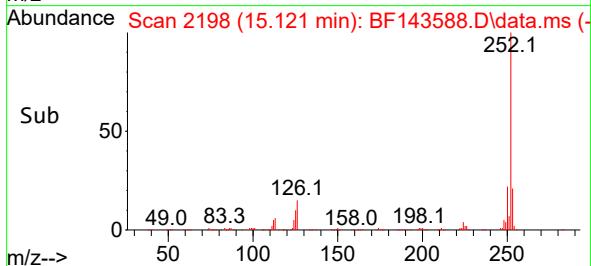
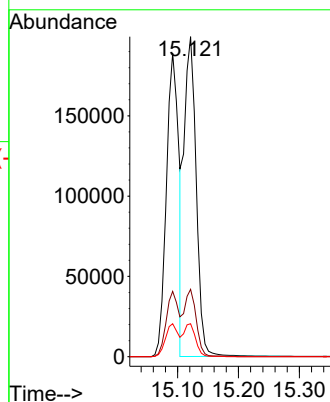
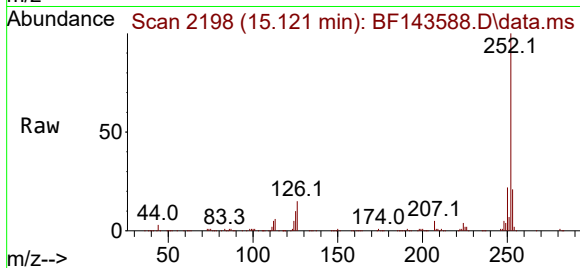
Tgt Ion:252 Resp: 275954
 Ion Ratio Lower Upper
 252 100
 253 21.0 17.5 26.3
 125 10.3 8.2 12.4

Manual Integrations

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Reviewed By :Rahul Chavli 08/27/2025

Supervised By :Jagrut Upadhyay 08/27/2025



#90

Benzo(a)pyrene

Concen: 20.491 ng

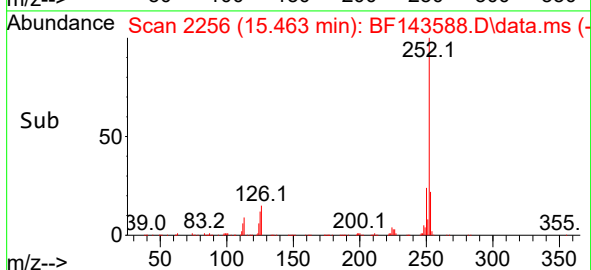
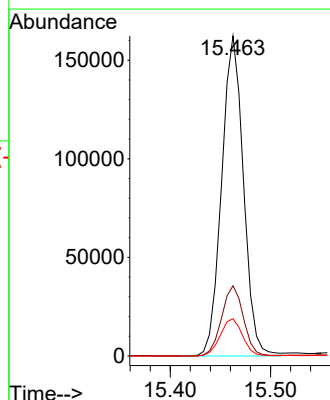
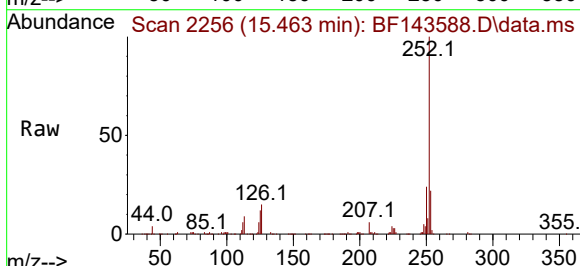
RT: 15.463 min Scan# 2256

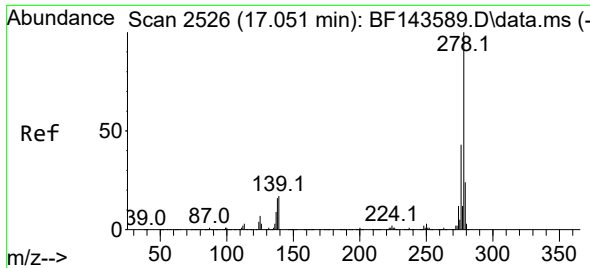
Delta R.T. -0.006 min

Lab File: BF143588.D

Acq: 26 Aug 2025 10:37

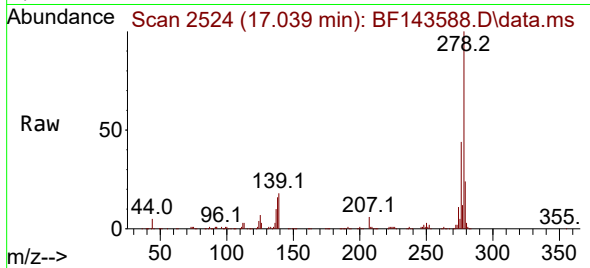
Tgt Ion:252 Resp: 245034
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.4 26.2
 125 11.6 9.2 13.8





#91
Dibenzo(a,h)anthracene
Concen: 21.382 ng
RT: 17.039 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

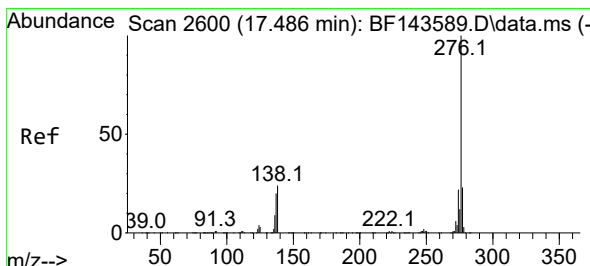
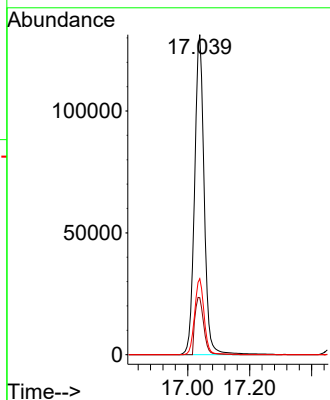
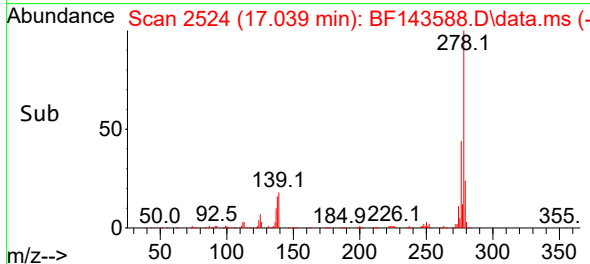
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



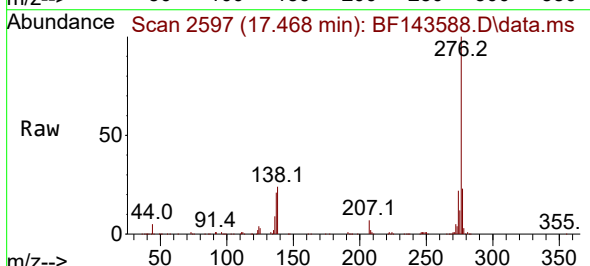
Tgt Ion:278 Resp: 282029
Ion Ratio Lower Upper
278 100
139 17.8 13.8 20.8
279 23.8 19.4 29.0

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025



#92
Benzo(g,h,i)perylene
Concen: 20.926 ng
RT: 17.468 min Scan# 2597
Delta R.T. -0.017 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37



Tgt Ion:276 Resp: 273261
Ion Ratio Lower Upper
276 100
277 23.1 18.6 27.8
138 24.2 19.1 28.7

