

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082825\
 Data File : BF143611.D
 Acq On : 28 Aug 2025 15:46
 Operator : RC/JU
 Sample : Q2954-06MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BRIDGE-SOUTHMS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/29/2025
 Supervised By :Jagrut Upadhyay 08/29/2025

Quant Time: Aug 28 16:14:14 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 16:30:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	106375	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	410637	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	236683	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	386634	20.000	ng	0.00
76) Chrysene-d12	14.051	240	207846	20.000	ng	0.00
86) Perylene-d12	15.521	264	212562	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	714658	114.344	ng	0.01
7) Phenol-d6	6.510	99	927651	119.834	ng	0.00
23) Nitrobenzene-d5	7.451	82	537443	93.450	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	272063	146.989	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1055665	76.260	ng	0.00
79) Terphenyl-d14	12.998	244	964762	83.295	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.752	88	127320	41.640	ng	96
3) Pyridine	3.510	79	345935	45.055	ng	94
4) n-Nitrosodimethylamine	3.463	42	172575	47.234	ng	95
6) Aniline	6.551	93	331268	30.653	ng	100
8) 2-Chlorophenol	6.675	128	336947	50.956	ng	97
9) Benzaldehyde	6.440	77	167359	28.732	ng	99
10) Phenol	6.528	94	436690	50.298	ng	99
11) bis(2-Chloroethyl)ether	6.628	93	322044	48.406	ng	96
12) 1,3-Dichlorobenzene	6.834	146	372938	49.100	ng	99
13) 1,4-Dichlorobenzene	6.910	146	374483	48.895	ng	99
14) 1,2-Dichlorobenzene	7.063	146	362125	49.847	ng	98
15) Benzyl Alcohol	7.028	79	313317	54.005	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	546221	44.479	ng	97
17) 2-Methylphenol	7.134	107	284248	50.637	ng	99
18) Hexachloroethane	7.404	117	124540	51.175	ng	99
19) n-Nitroso-di-n-propyla...	7.304	70	248360	50.644	ng	96
20) 3+4-Methylphenols	7.287	107	354838	51.467	ng	96
22) Acetophenone	7.298	105	466252	50.417	ng	98
24) Nitrobenzene	7.475	77	355512	57.658	ng	97
25) Isophorone	7.710	82	686000	50.970	ng	100
26) 2-Nitrophenol	7.787	139	166437	60.806	ng	98
27) 2,4-Dimethylphenol	7.822	122	318738	54.431	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	409563	50.298	ng	99
29) 2,4-Dichlorophenol	8.022	162	303565	53.805	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	312601	53.066	ng	99
31) Naphthalene	8.198	128	971808	48.983	ng	100
32) Benzoic acid	7.940	122	210724	63.813	ng	98
33) 4-Chloroaniline	8.234	127	85122	12.145	ng	99
34) Hexachlorobutadiene	8.310	225	188561	50.798	ng	99
35) Caprolactam	8.610	113	95752m	59.738	ng	
36) 4-Chloro-3-methylphenol	8.716	107	324479	55.009	ng	98
37) 2-Methylnaphthalene	8.887	142	607283	46.350	ng	100
38) 1-Methylnaphthalene	8.987	142	622507	49.229	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	304969	49.538	ng	98
41) Hexachlorocyclopentadiene	9.039	237	407209	134.456	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	222259	54.635	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	231498	56.316	ng	99
46) 1,1'-Biphenyl	9.351	154	824057	50.178	ng	99
47) 2-Chloronaphthalene	9.375	162	637945	49.175	ng	99
48) 2-Nitroaniline	9.469	65	208077	56.872	ng	97
49) Acenaphthylene	9.792	152	1044333	55.327	ng	100
50) Dimethylphthalate	9.651	163	787449	54.090	ng	99
51) 2,6-Dinitrotoluene	9.710	165	166519	66.097	ng	90
52) Acenaphthene	9.963	154	668637	54.079	ng	99
53) 3-Nitroaniline	9.875	138	89114	32.322	ng	# 98
54) 2,4-Dinitrophenol	9.981	184	129912	107.723	ng	# 12
55) Dibenzofuran	10.134	168	903561	49.845	ng	99
56) 4-Nitrophenol	10.034	139	275561	107.999	ng	97
57) 2,4-Dinitrotoluene	10.116	165	217921	65.859	ng	96
58) Fluorene	10.481	166	693695	50.969	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.251	232	195279	64.256	ng	98
60) Diethylphthalate	10.351	149	751771	55.103	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	338269	50.820	ng	100
62) 4-Nitroaniline	10.492	138	164724	59.961	ng	98
63) Azobenzene	10.628	77	779886	56.379	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	94525	64.532	ng	86
66) n-Nitrosodiphenylamine	10.586	169	632283	51.413	ng	99
67) 4-Bromophenyl-phenylether	10.963	248	222617	53.232	ng	98
68) Hexachlorobenzene	11.022	284	233593	52.219	ng	98
69) Atrazine	11.116	200	197762	55.943	ng	99
70) Pentachlorophenol	11.216	266	277653	108.638	ng	99
71) Phenanthrene	11.439	178	1023784	49.456	ng	100
72) Anthracene	11.492	178	1053058	50.478	ng	100
73) Carbazole	11.645	167	895960	49.684	ng	100
74) Di-n-butylphthalate	11.975	149	1127588	61.390	ng	100
75) Fluoranthene	12.627	202	944433	49.967	ng	98
77) Benzidine	12.745	184	207623	43.389	ng	100
78) Pyrene	12.857	202	923288	53.079	ng	99
80) Butylbenzylphthalate	13.474	149	359789	71.314	ng	96
81) Benzo(a)anthracene	14.039	228	659137	50.407	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	74565	21.269	ng	100
83) Chrysene	14.074	228	625016	51.288	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	449286	69.095	ng	# 99
85) Di-n-octyl phthalate	14.645	149	657146	54.288	ng	95
87) Indeno(1,2,3-cd)pyrene	17.021	276	705468	48.781	ng	98
88) Benzo(b)fluoranthene	15.092	252	660338	54.371	ng	99
89) Benzo(k)fluoranthene	15.121	252	534317	47.053	ng	99
90) Benzo(a)pyrene	15.463	252	585763	54.588	ng	99
91) Dibenzo(a,h)anthracene	17.039	278	584200	49.357	ng	98
92) Benzo(g,h,i)perylene	17.474	276	550656	46.992	ng	98

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

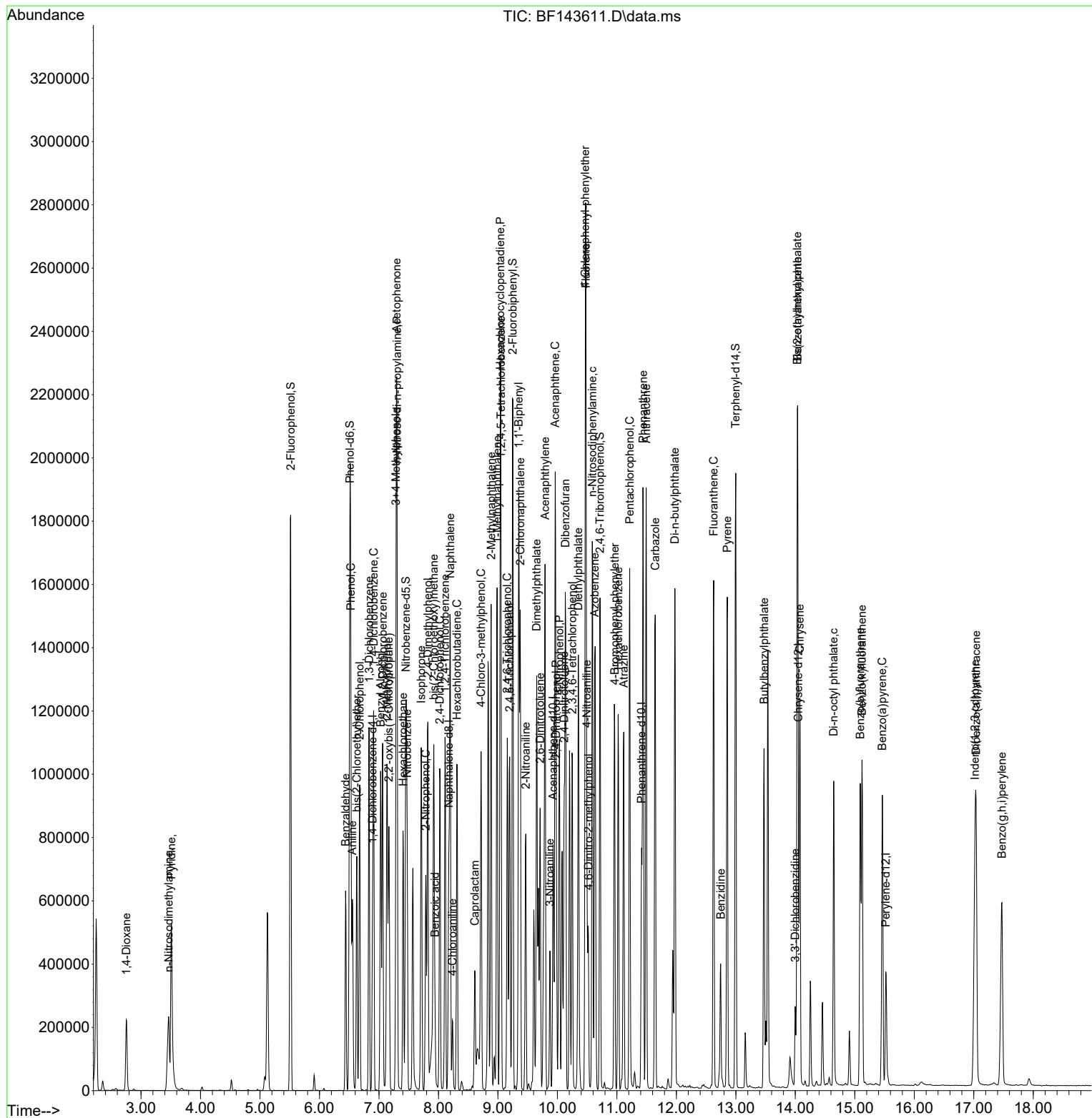
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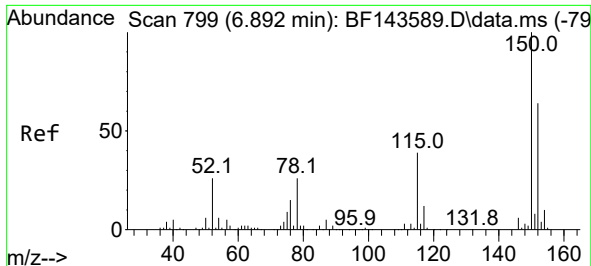
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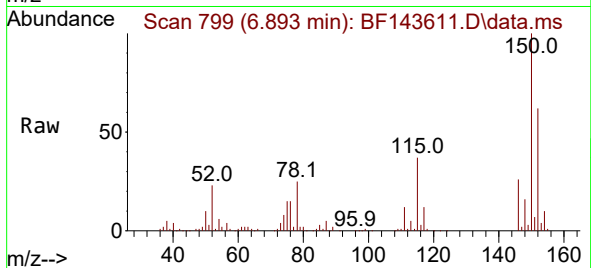
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Supervised By :Jagrut Upadhyay 08/29/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 79
Delta R.T. 0.001 min
Lab File: BF143611.D
Acq: 28 Aug 2025 15:46

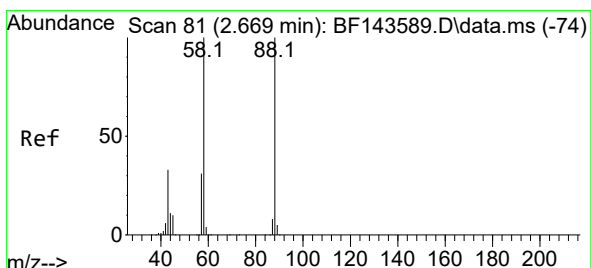
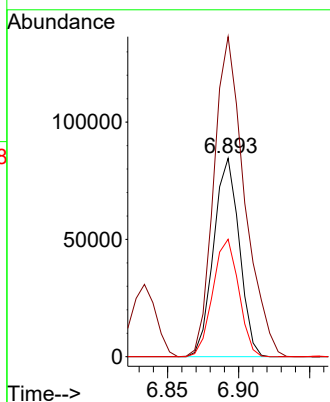
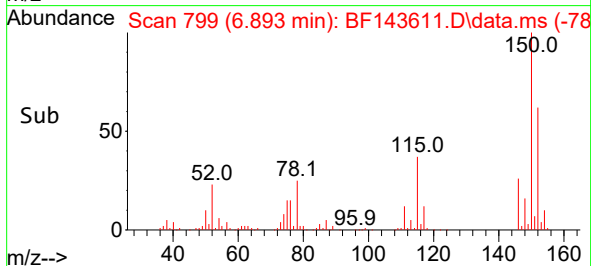
Instrument :
BNA_F
ClientSampleId :
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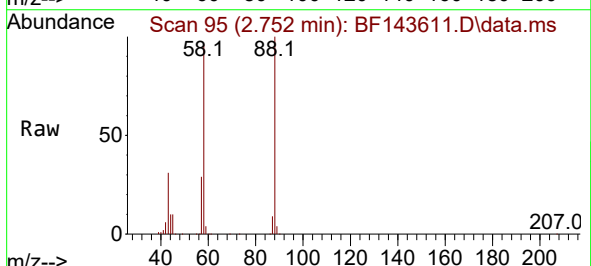
Tgt Ion:152 Resp: 106379
Ion Ratio Lower Upper
152 100
150 161.3 124.9 187.3
115 59.2 48.0 72.0

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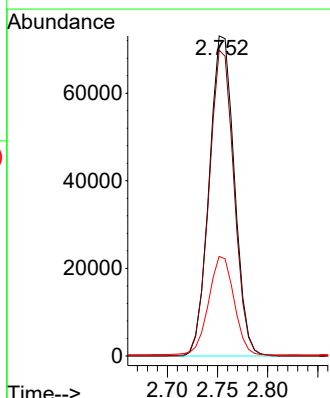
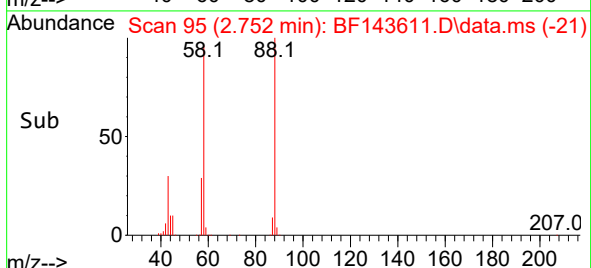
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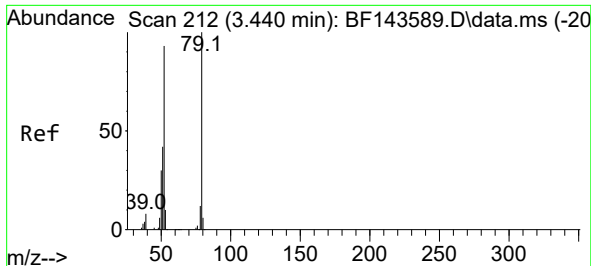


#2
1,4-Dioxane
Concen: 41.640 ng
RT: 2.752 min Scan# 95
Delta R.T. 0.083 min
Lab File: BF143611.D
Acq: 28 Aug 2025 15:46



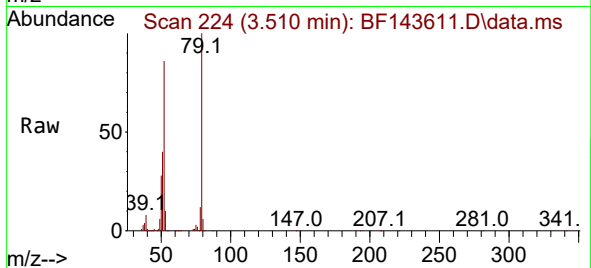
Tgt Ion: 88 Resp: 127320
Ion Ratio Lower Upper
88 100
58 95.3 79.2 118.8
43 31.1 26.2 39.2





#3
Pyridine
Concen: 45.055 ng
RT: 3.510 min Scan# 212
Delta R.T. 0.071 min
Lab File: BF143611.D
Acq: 28 Aug 2025 15:46

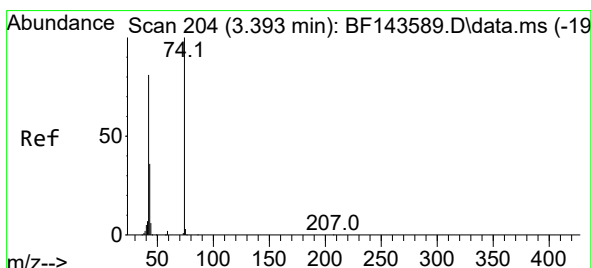
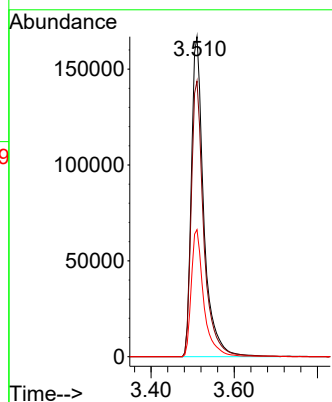
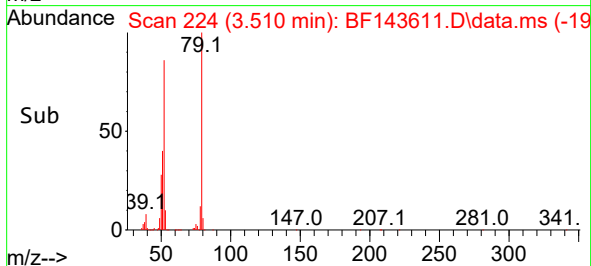
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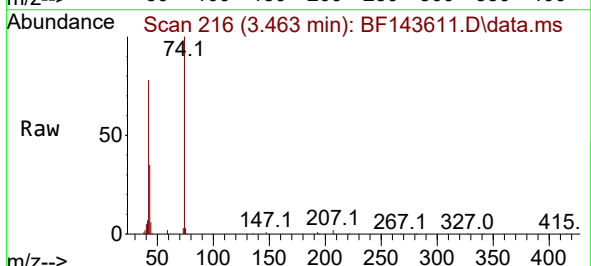
Tgt Ion: 79 Resp: 34593
Ion Ratio Lower Upper
79 100
52 86.1 74.3 111.5
51 39.7 33.5 50.3

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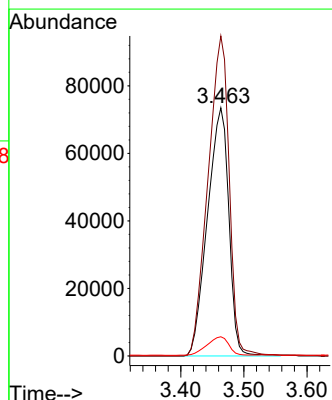
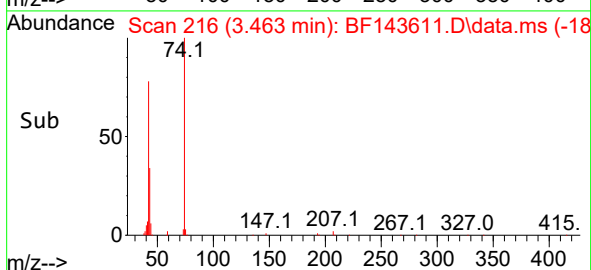
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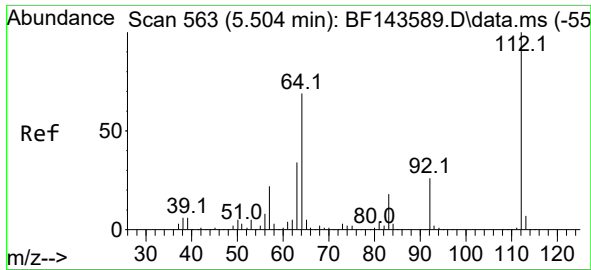


#4
n-Nitrosodimethylamine
Concen: 47.234 ng
RT: 3.463 min Scan# 216
Delta R.T. 0.071 min
Lab File: BF143611.D
Acq: 28 Aug 2025 15:46



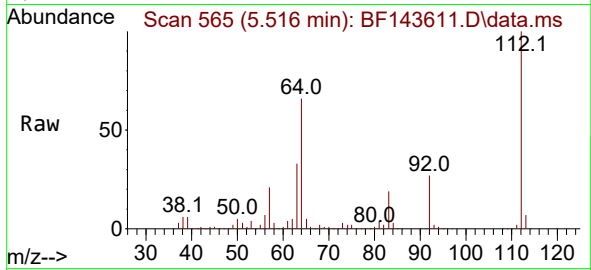
Tgt Ion: 42 Resp: 172575
Ion Ratio Lower Upper
42 100
74 129.0 98.9 148.3
44 7.7 7.0 10.4





#5
2-Fluorophenol
Concen: 114.344 ng
RT: 5.516 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF143611.D
Acq: 28 Aug 2025 15:46

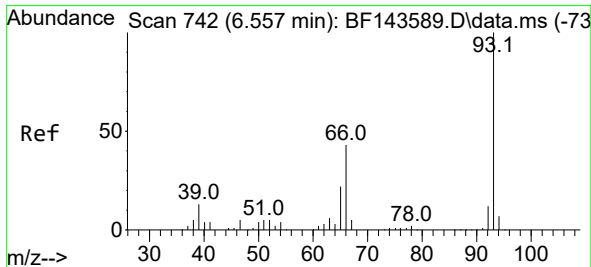
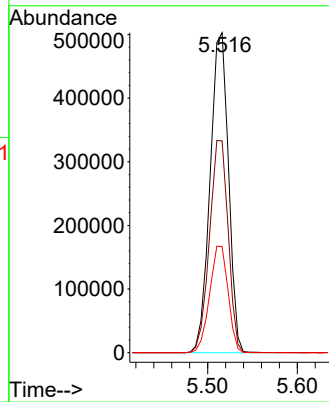
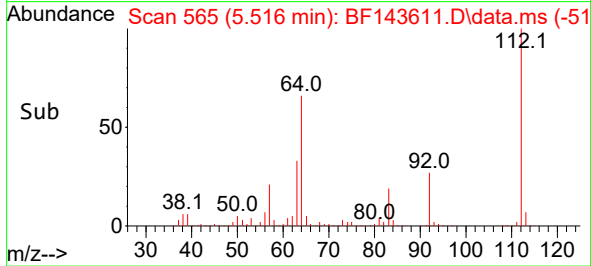
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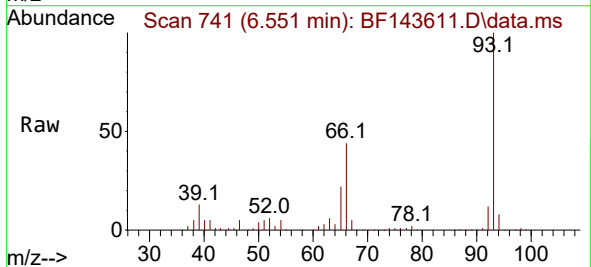
Tgt Ion:112 Resp: 714658
Ion Ratio Lower Upper
112 100
64 66.2 54.8 82.2
63 33.2 27.6 41.4

Manual Integrations
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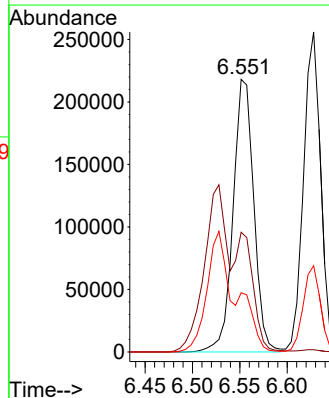
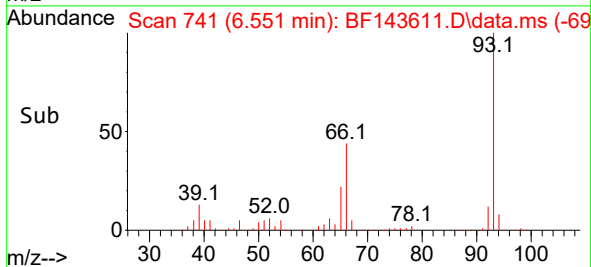
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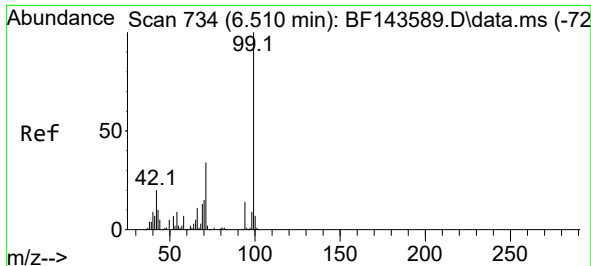


#6
Aniline
Concen: 30.653 ng
RT: 6.551 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF143611.D
Acq: 28 Aug 2025 15:46



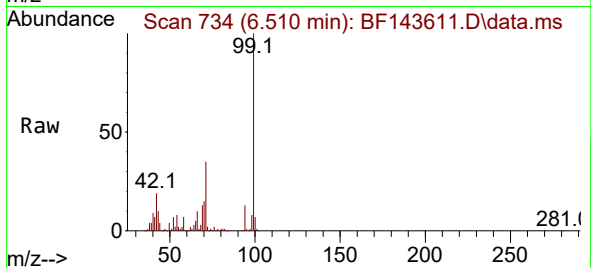
Tgt Ion: 93 Resp: 331268
Ion Ratio Lower Upper
93 100
66 43.9 35.0 52.4
65 21.7 17.5 26.3





#7
Phenol-d6
Concen: 119.834 ng
RT: 6.510 min Scan# 713
Delta R.T. 0.000 min
Lab File: BF143611.D
Acq: 28 Aug 2025 15:46

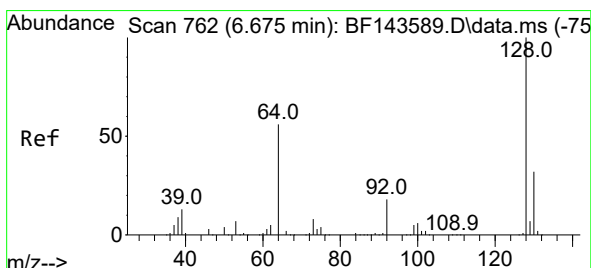
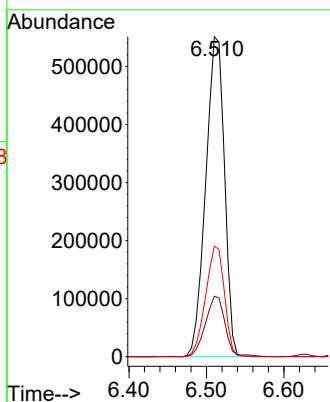
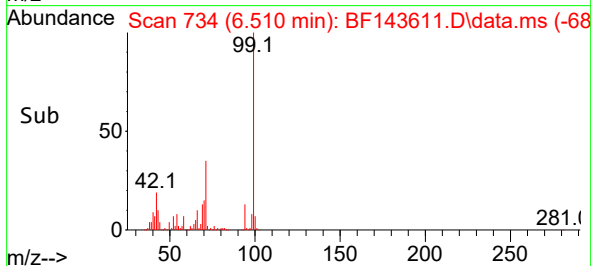
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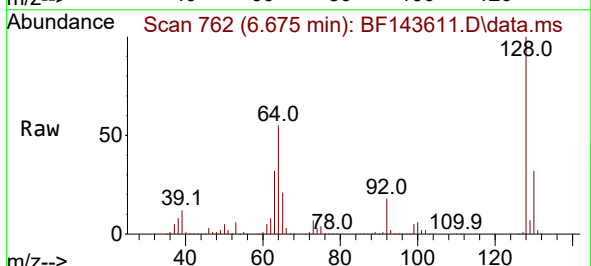
Tgt Ion: 99 Resp: 92765
Ion Ratio Lower Upper
99 100
42 18.9 15.9 23.9
71 34.6 27.2 40.8

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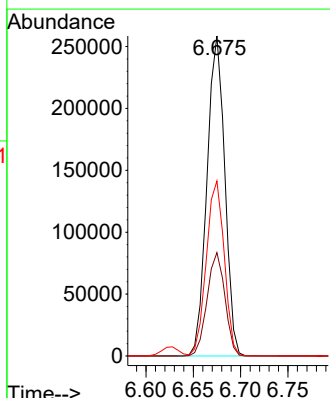
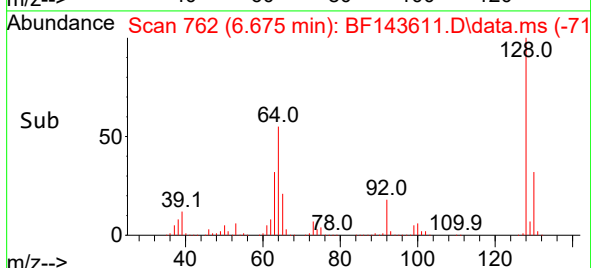
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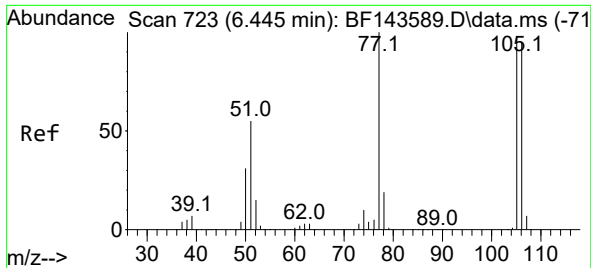


#8
2-Chlorophenol
Concen: 50.956 ng
RT: 6.675 min Scan# 762
Delta R.T. 0.000 min
Lab File: BF143611.D
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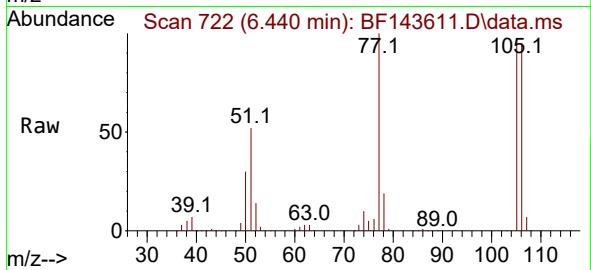
Tgt Ion:128 Resp: 336947
Ion Ratio Lower Upper
128 100
130 32.3 12.3 52.3
64 54.7 38.4 78.4





#9
Benzaldehyde
Concen: 28.732 ng
RT: 6.440 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF143611.D
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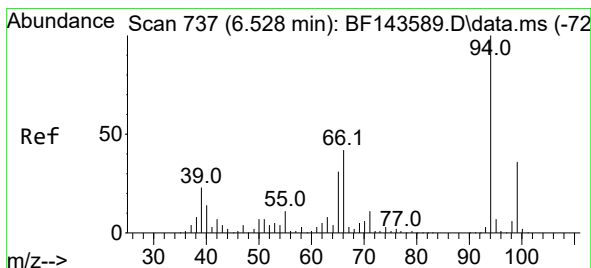
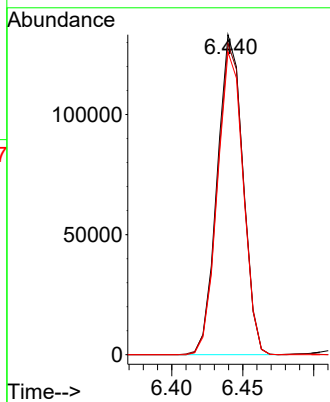
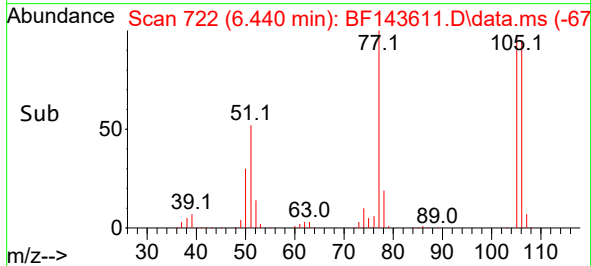
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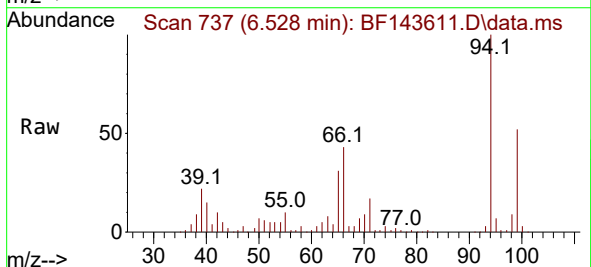
Tgt Ion: 77 Resp: 16735
Ion Ratio Lower Upper
77 100
105 97.2 77.9 117.9
106 94.6 74.9 114.9

Manual Integrations
APPROVED

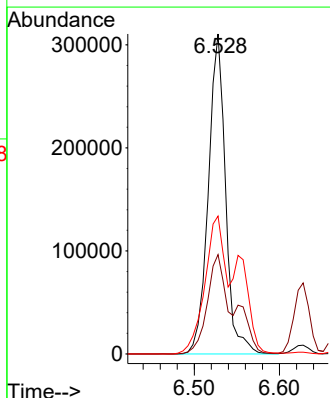
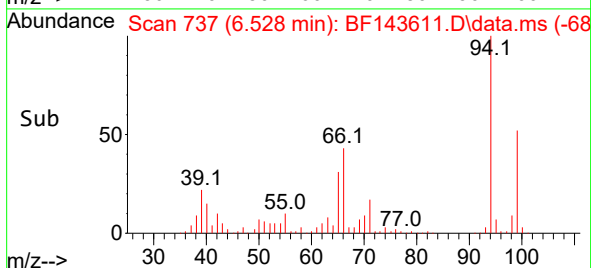
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

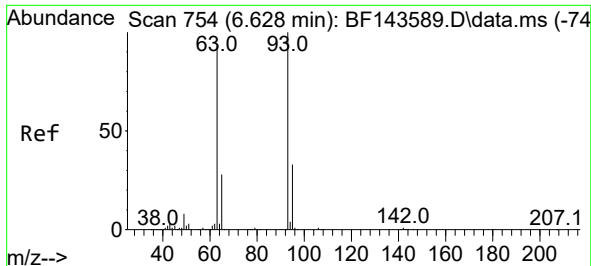


#10
Phenol
Concen: 50.298 ng
RT: 6.528 min Scan# 737
Delta R.T. 0.000 min
Lab File: BF143611.D
Acq: 28 Aug 2025 15:46



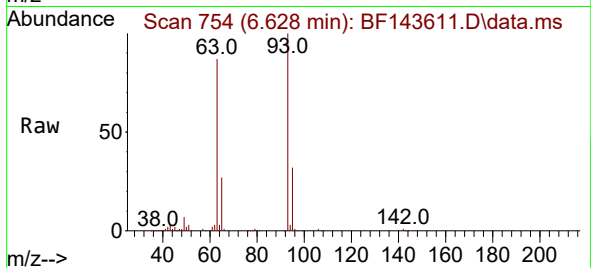
Tgt Ion: 94 Resp: 436690
Ion Ratio Lower Upper
94 100
65 31.1 11.0 51.0
66 43.1 22.1 62.1





#11
bis(2-Chloroethyl)ether
Concen: 48.406 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF143611.D
Acq: 28 Aug 2025 15:46

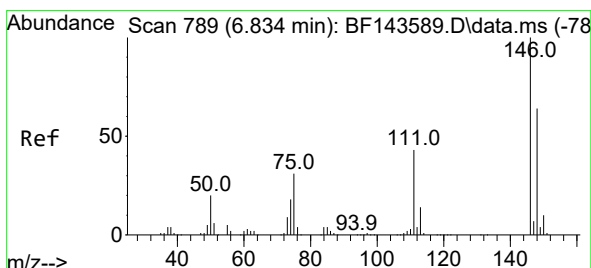
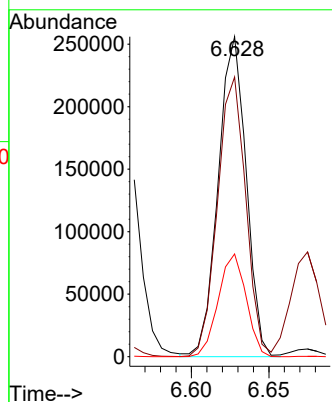
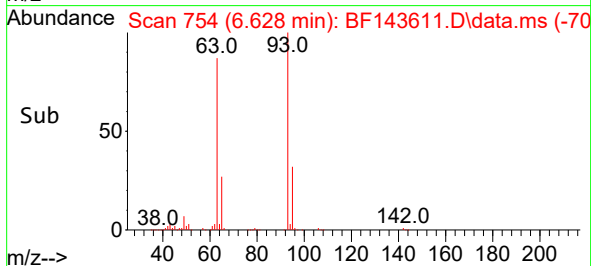
Instrument :
BNA_F
ClientSampleId :
BRIDGE-SOUTHMS



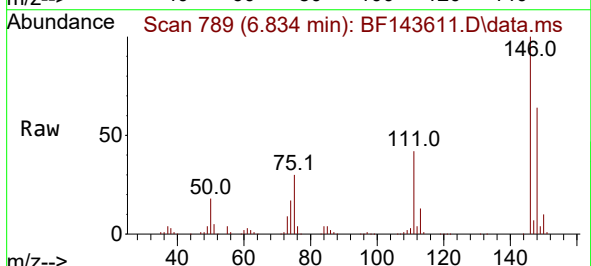
Tgt Ion: 93 Resp: 322044
Ion Ratio Lower Upper
93 100
63 87.4 72.1 112.1
95 32.1 12.8 52.8

Manual Integrations
APPROVED

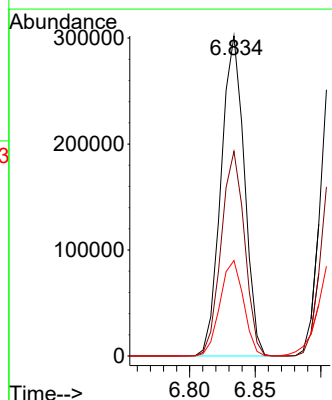
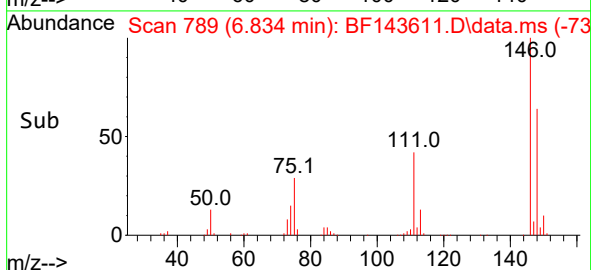
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

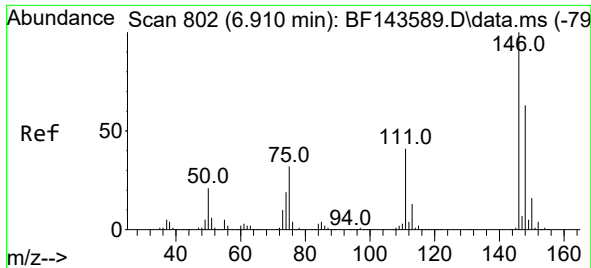


#12
1,3-Dichlorobenzene
Concen: 49.100 ng
RT: 6.834 min Scan# 789
Delta R.T. 0.000 min
Lab File: BF143611.D
Acq: 28 Aug 2025 15:46



Tgt Ion:146 Resp: 372938
Ion Ratio Lower Upper
146 100
148 64.0 51.1 76.7
75 29.8 25.2 37.8





#13

1,4-Dichlorobenzene

Concen: 48.895 ng

RT: 6.910 min Scan# 802

Delta R.T. 0.000 min

Lab File: BF143611.D

Acq: 28 Aug 2025 15:46

Instrument :

BNA_F

ClientSampleId :

BRIDGE-SOUTHMS

Tgt Ion:146 Resp: 37448

Ion Ratio Lower Upper

146 100

148 64.3 50.6 75.8

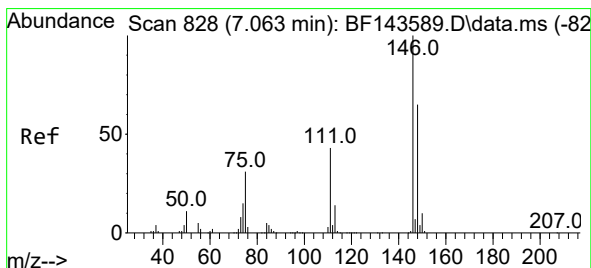
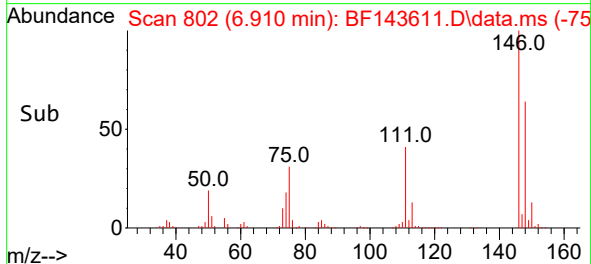
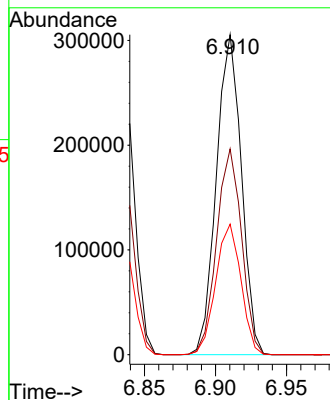
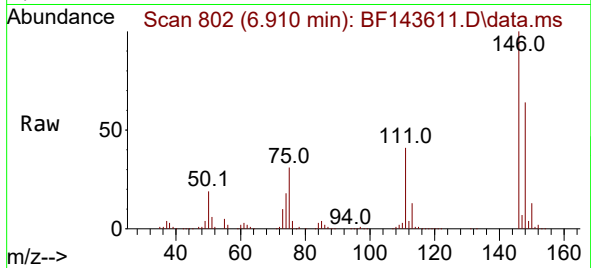
111 40.8 32.4 48.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#14

1,2-Dichlorobenzene

Concen: 49.847 ng

RT: 7.063 min Scan# 828

Delta R.T. 0.000 min

Lab File: BF143611.D

Acq: 28 Aug 2025 15:46

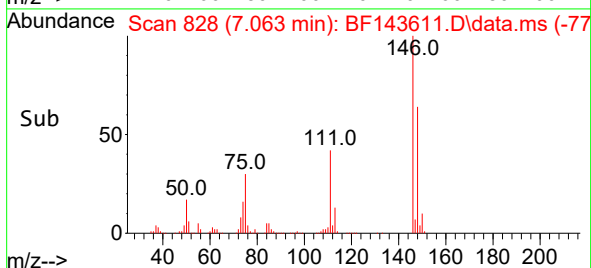
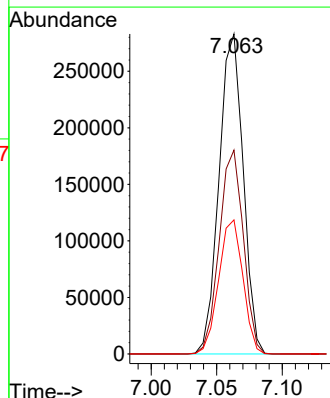
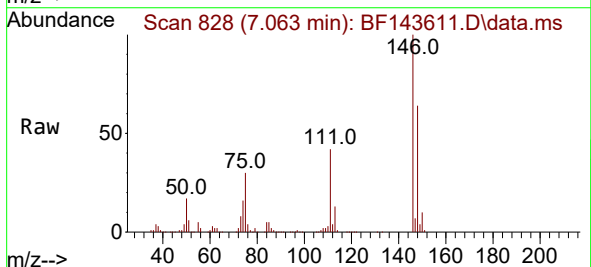
Tgt Ion:146 Resp: 362125

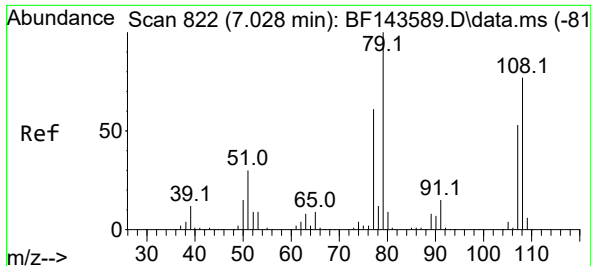
Ion Ratio Lower Upper

146 100

148 63.7 51.7 77.5

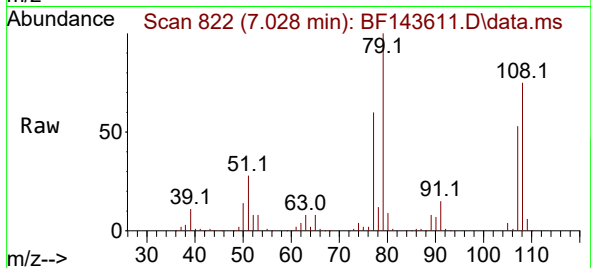
111 41.9 34.7 52.1





#15
Benzyl Alcohol
Concen: 54.005 ng
RT: 7.028 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143611.D
Acq: 28 Aug 2025 15:46

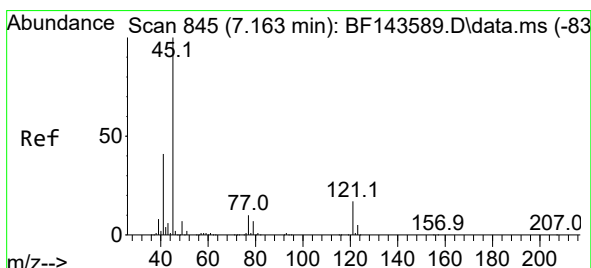
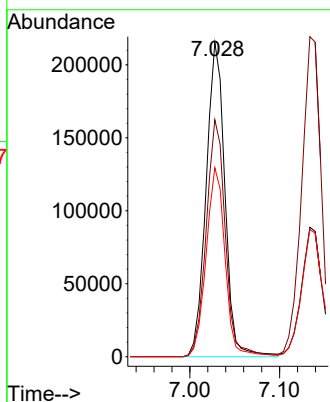
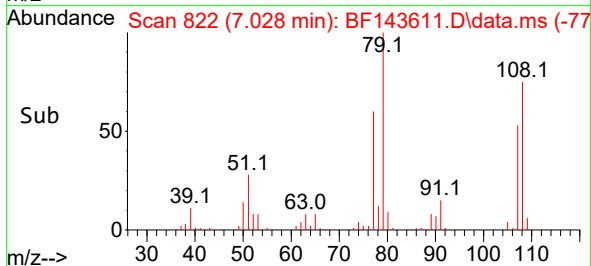
Instrument :
BNA_F
ClientSampleId :
BRIDGE-SOUTHMS



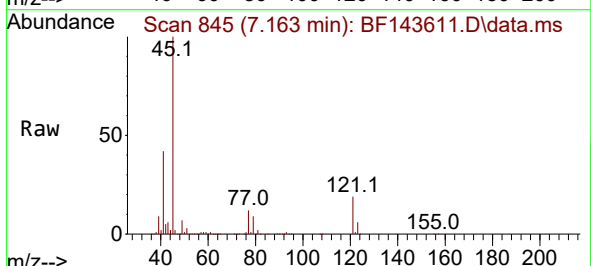
Tgt Ion: 79 Resp: 31331
Ion Ratio Lower Upper
79 100
108 75.4 61.3 91.9
77 60.2 48.7 73.1

Manual Integrations
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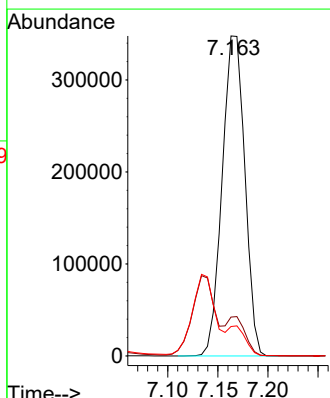
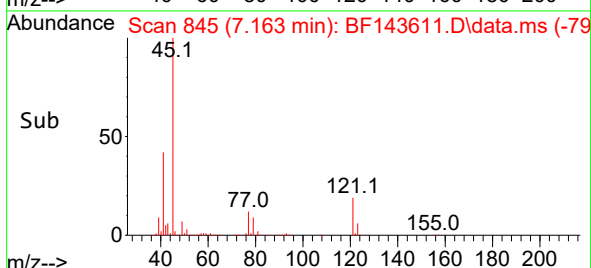
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

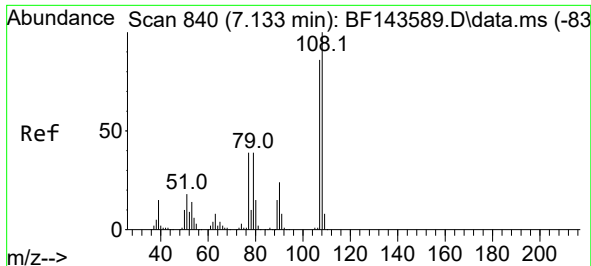


#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.479 ng
RT: 7.163 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF143611.D
Acq: 28 Aug 2025 15:46



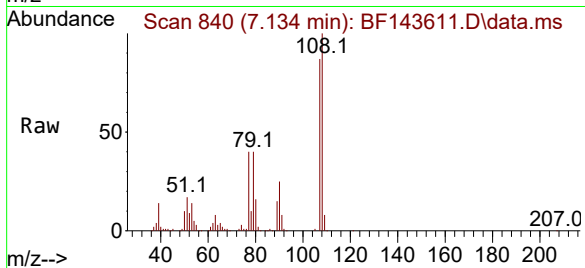
Tgt Ion: 45 Resp: 546221
Ion Ratio Lower Upper
45 100
77 12.2 0.0 31.1
79 9.2 0.0 28.1





#17
2-Methylphenol
Concen: 50.637 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143611.D
Acq: 28 Aug 2025 15:46

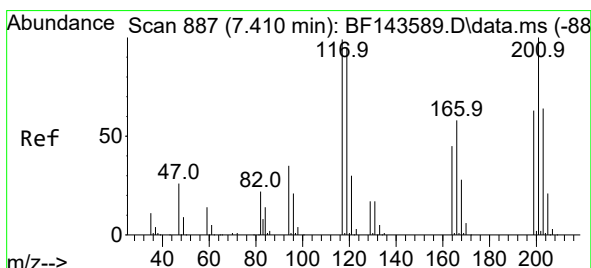
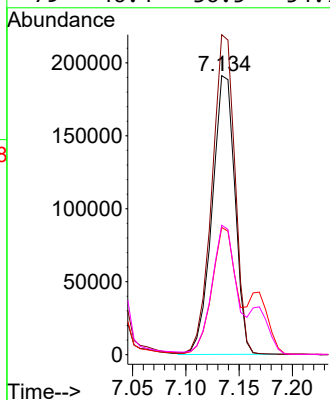
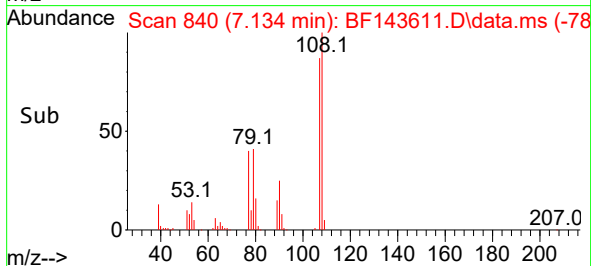
Instrument :
BNA_F
ClientSampleId :
BRIDGE-SOUTHMS



Tgt Ion:107 Resp: 284248
Ion Ratio Lower Upper
107 100
108 114.7 92.6 138.8
77 45.6 36.3 54.5
79 46.4 36.5 54.7

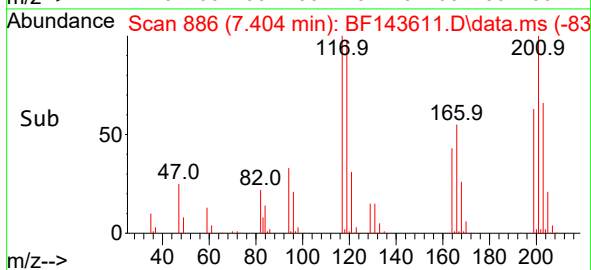
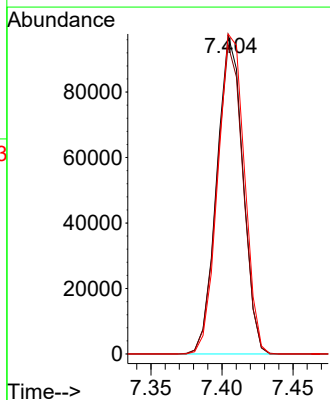
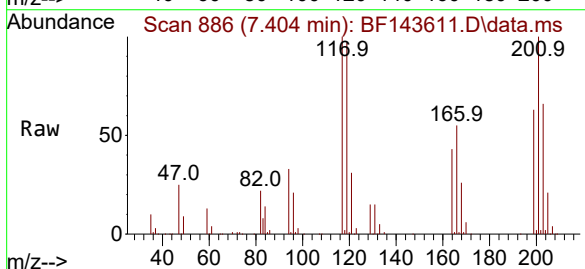
Manual Integrations
APPROVED

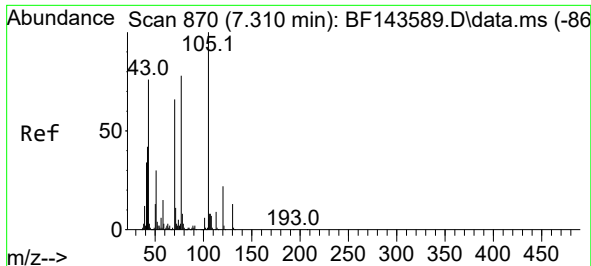
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#18
Hexachloroethane
Concen: 51.175 ng
RT: 7.404 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF143611.D
Acq: 28 Aug 2025 15:46

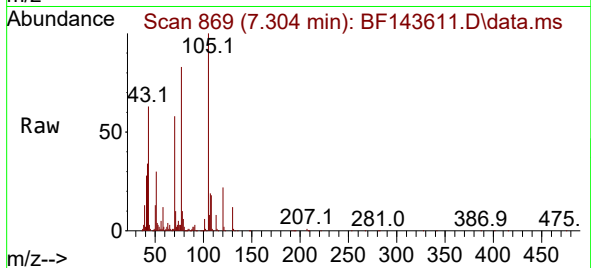
Tgt Ion:117 Resp: 124540
Ion Ratio Lower Upper
117 100
119 96.9 76.6 115.0
201 100.3 81.0 121.4





#19
n-Nitroso-di-n-propylamine
Concen: 50.644 ng
RT: 7.304 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF143611.D
Acq: 28 Aug 2025 15:46

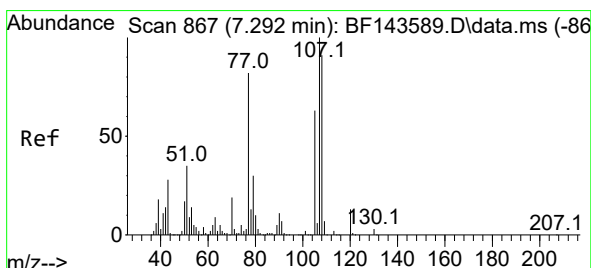
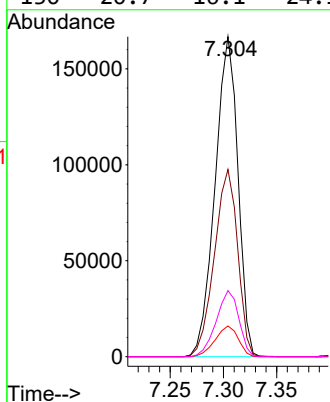
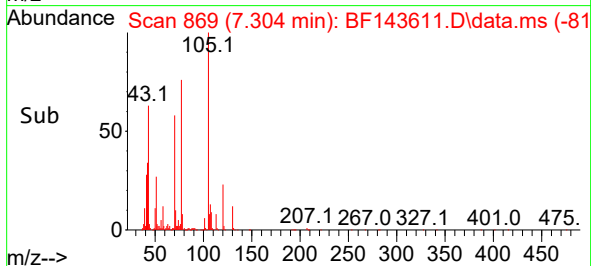
Instrument :
BNA_F
ClientSampleId :
BRIDGE-SOUTHMS



Tgt Ion: 70 Resp: 248360
Ion Ratio Lower Upper
70 100
42 58.5 50.6 75.8
101 9.6 7.5 11.3
130 20.7 16.1 24.1

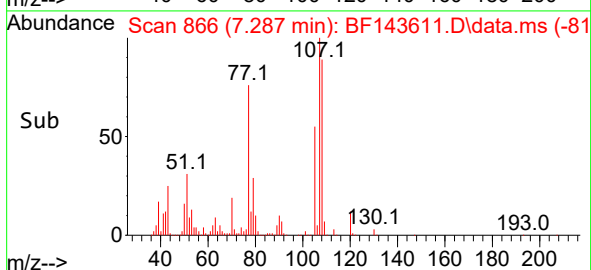
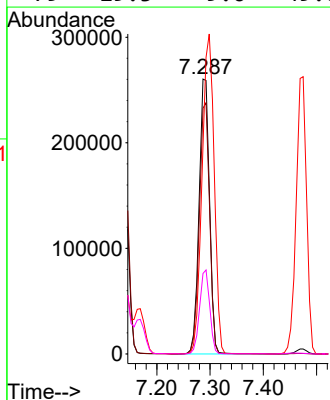
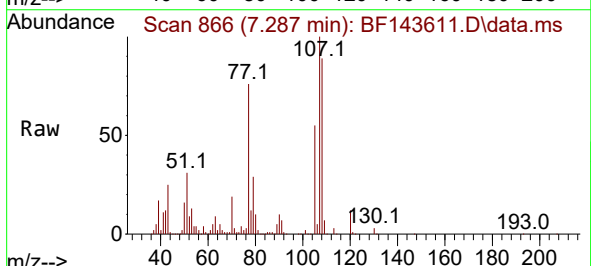
Manual Integrations
APPROVED

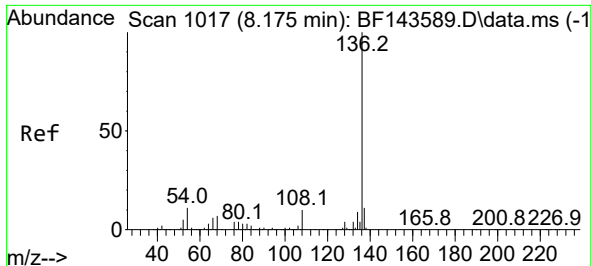
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#20
3+4-Methylphenols
Concen: 51.467 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF143611.D
Acq: 28 Aug 2025 15:46

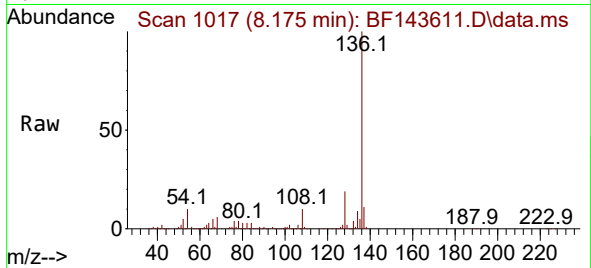
Tgt Ion:107 Resp: 354838
Ion Ratio Lower Upper
107 100
108 89.4 71.1 111.1
77 75.8 62.5 102.5
79 29.3 9.6 49.6





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF143611.D
Acq: 28 Aug 2025 15:46

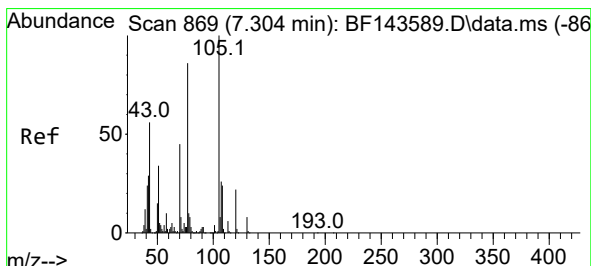
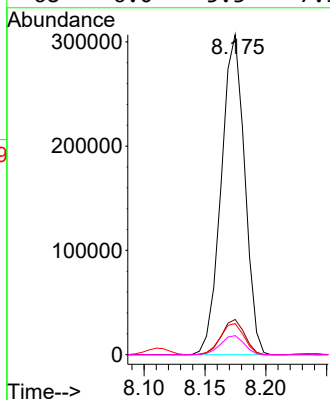
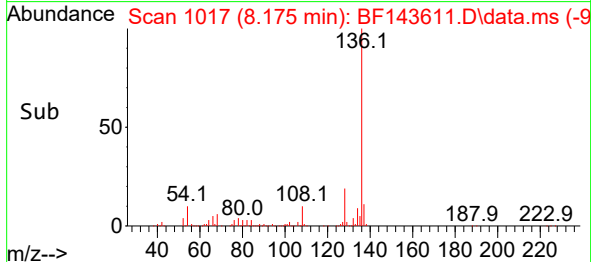
Instrument :
BNA_F
ClientSampleId :
BRIDGE-SOUTHMS



Tgt Ion:136 Resp: 41063
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 9.7 9.0 13.6
68 6.0 5.3 7.9

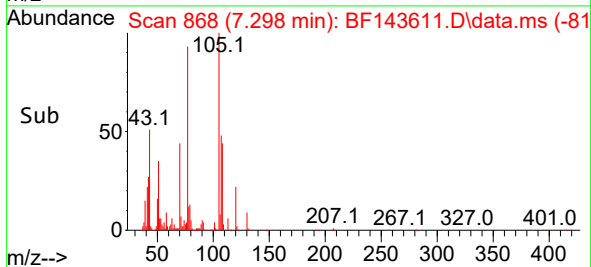
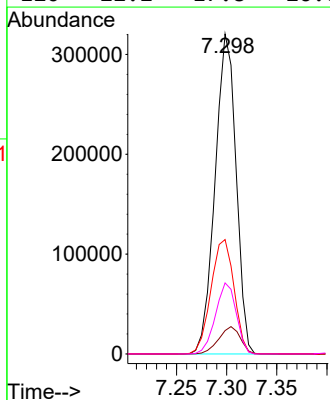
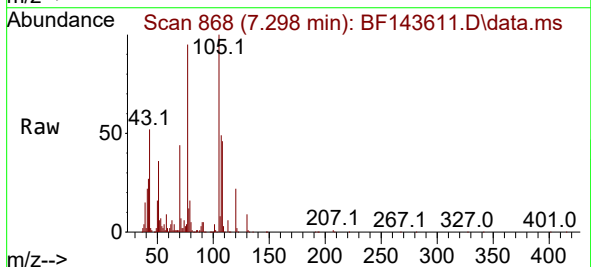
Manual Integrations
APPROVED

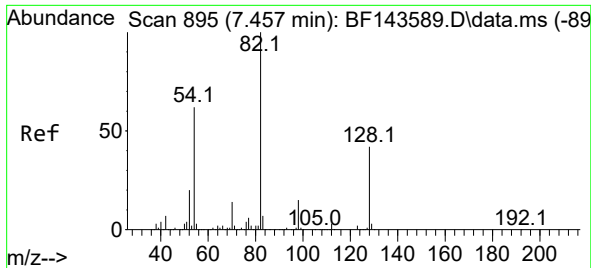
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#22
Acetophenone
Concen: 50.417 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.006 min
Lab File: BF143611.D
Acq: 28 Aug 2025 15:46

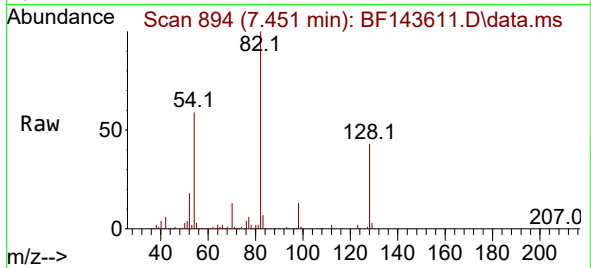
Tgt Ion:105 Resp: 466252
Ion Ratio Lower Upper
105 100
71 7.3 6.0 9.0
51 35.7 27.0 40.6
120 22.2 17.8 26.6





#23
Nitrobenzene-d5
Concen: 93.450 ng
RT: 7.451 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF143611.D
Acq: 28 Aug 2025 15:46

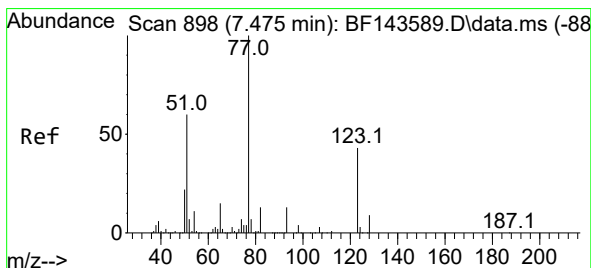
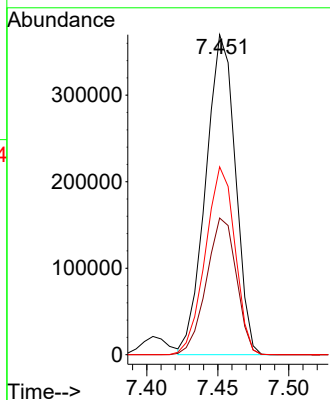
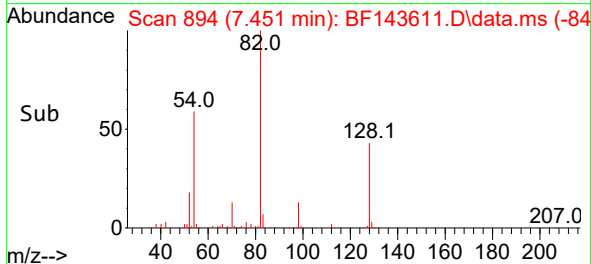
Instrument :
BNA_F
ClientSampleId :
BRIDGE-SOUTHMS



Tgt Ion: 82 Resp: 53744
Ion Ratio Lower Upper
82 100
128 42.7 33.4 50.2
54 58.7 49.3 73.9

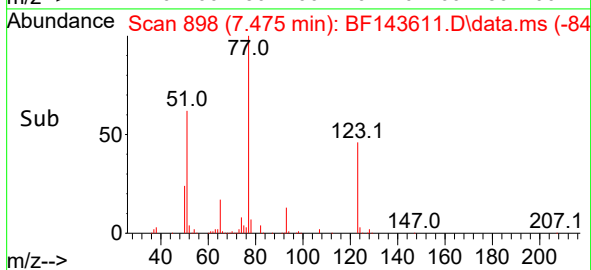
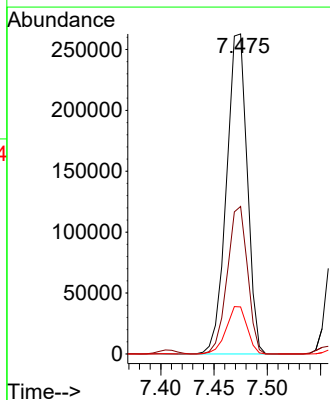
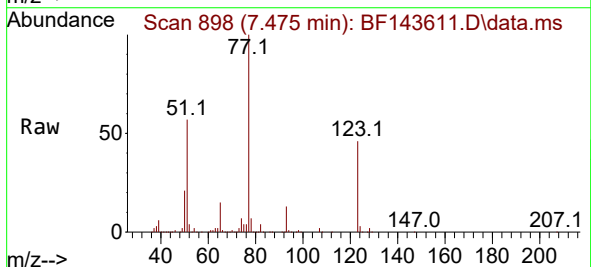
Manual Integrations
APPROVED

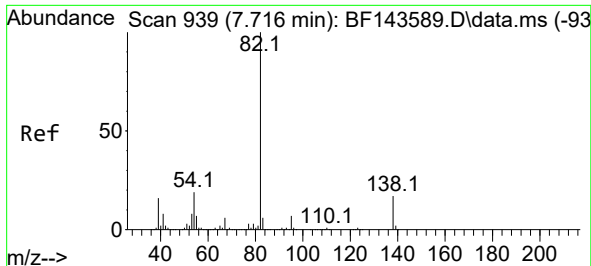
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#24
Nitrobenzene
Concen: 57.658 ng
RT: 7.475 min Scan# 898
Delta R.T. 0.000 min
Lab File: BF143611.D
Acq: 28 Aug 2025 15:46

Tgt Ion: 77 Resp: 355512
Ion Ratio Lower Upper
77 100
123 46.1 34.9 52.3
65 14.7 12.0 18.0





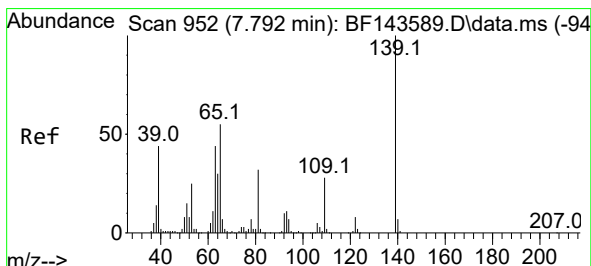
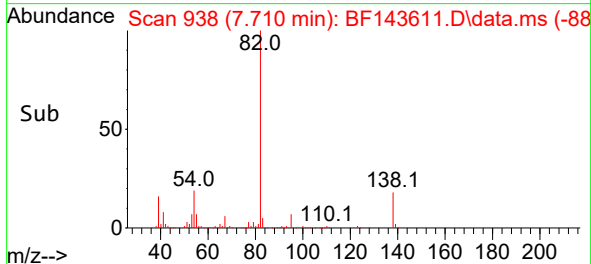
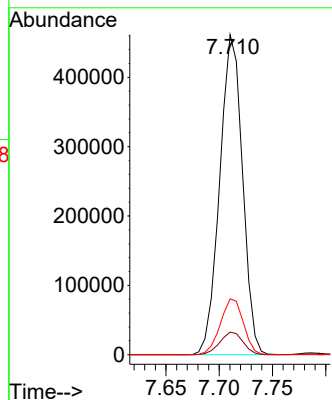
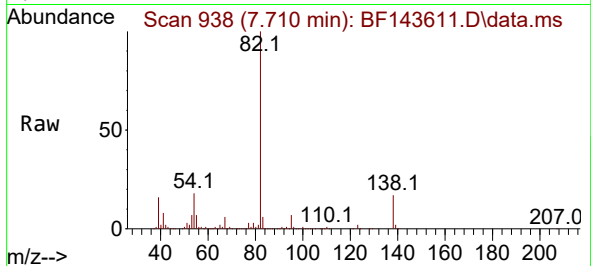
#25
Isophorone
Concen: 50.970 ng
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF143611.D
Acq: 28 Aug 2025 15:46

Instrument :
BNA_F
ClientSampleId :
BRIDGE-SOUTHMS

Tgt Ion: 82 Resp: 686000
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 17.5 13.8 20.8

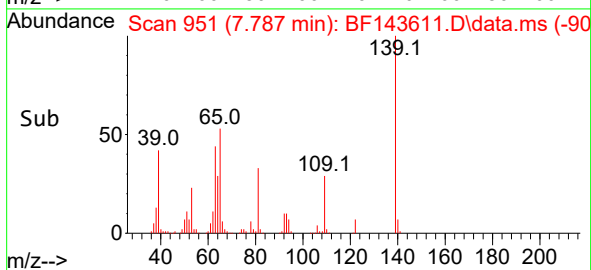
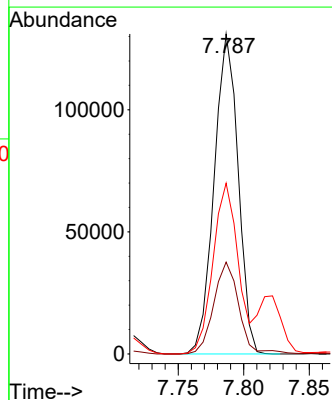
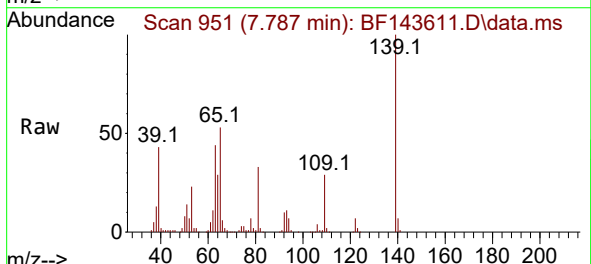
Manual Integrations
APPROVED

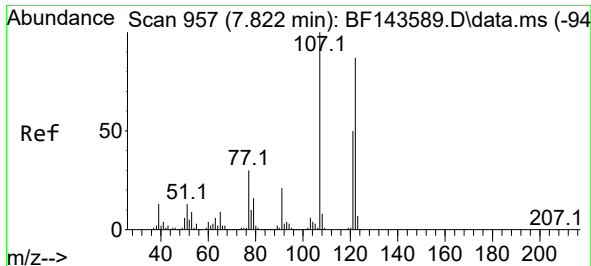
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#26
2-Nitrophenol
Concen: 60.806 ng
RT: 7.787 min Scan# 951
Delta R.T. -0.005 min
Lab File: BF143611.D
Acq: 28 Aug 2025 15:46

Tgt Ion:139 Resp: 166437
Ion Ratio Lower Upper
139 100
109 28.7 22.3 33.5
65 53.4 44.0 66.0





#27

2,4-Dimethylphenol

Concen: 54.431 ng

RT: 7.822 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF143611.D

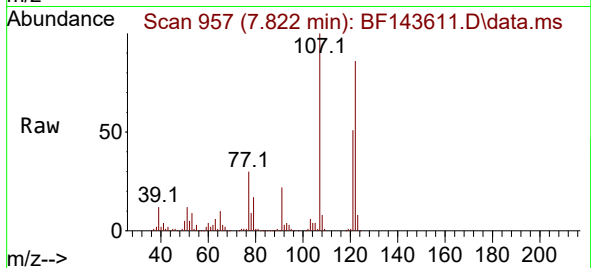
Acq: 28 Aug 2025 15:46

Instrument :

BNA_F

ClientSampleId :

BRIDGE-SOUTHMS



Tgt Ion:122 Resp: 318738

Ion Ratio Lower Upper

122 100

107 116.1 92.1 138.1

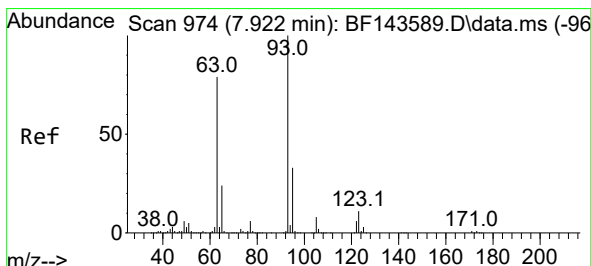
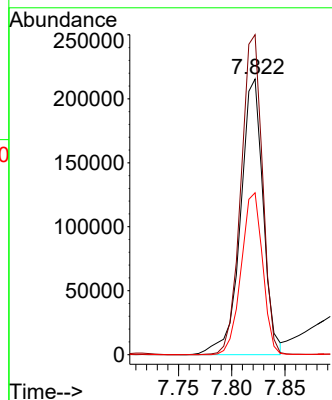
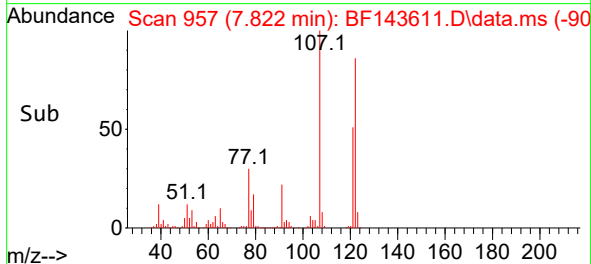
121 58.7 46.2 69.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#28

bis(2-Chloroethoxy)methane

Concen: 50.298 ng

RT: 7.922 min Scan# 974

Delta R.T. 0.000 min

Lab File: BF143611.D

Acq: 28 Aug 2025 15:46

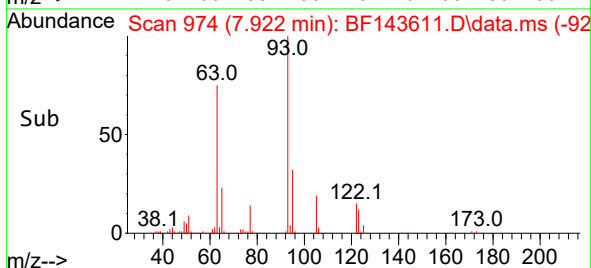
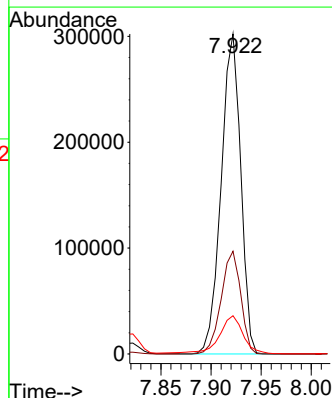
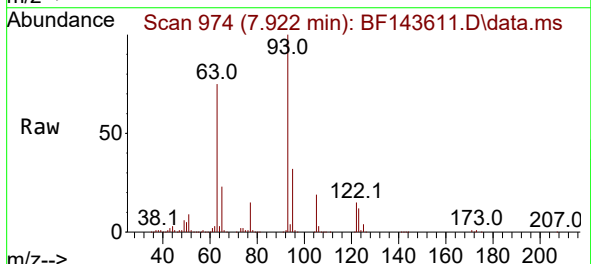
Tgt Ion: 93 Resp: 409563

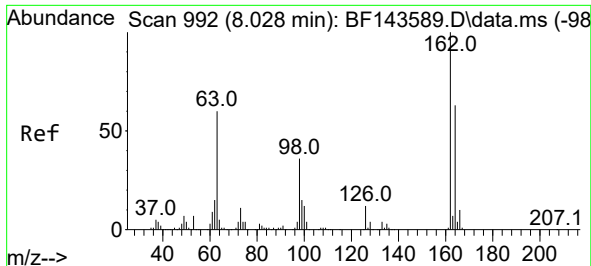
Ion Ratio Lower Upper

93 100

95 32.1 26.2 39.2

123 11.9 9.3 13.9





#29

2,4-Dichlorophenol

Concen: 53.805 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF143611.D

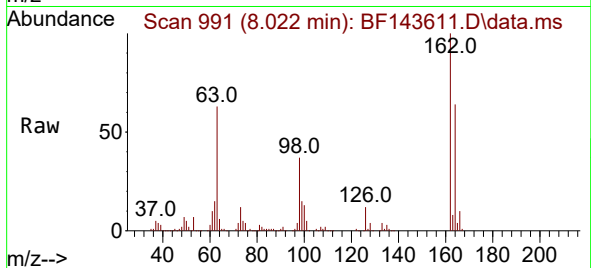
Acq: 28 Aug 2025 15:46

Instrument :

BNA_F

ClientSampleId :

BRIDGE-SOUTHMS



Tgt Ion:162 Resp: 30356

Ion Ratio Lower Upper

162 100

164 63.7 43.3 83.3

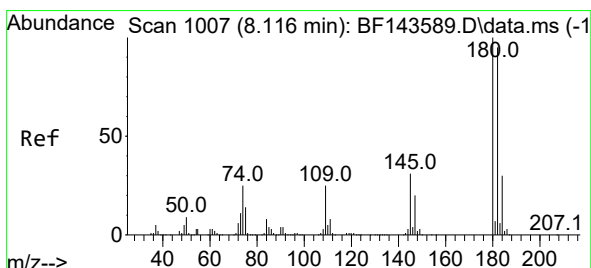
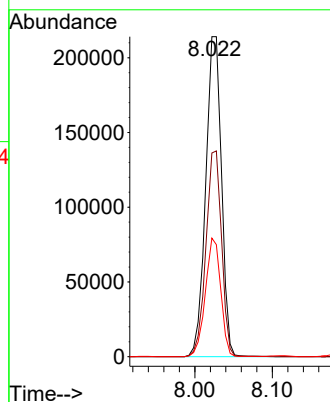
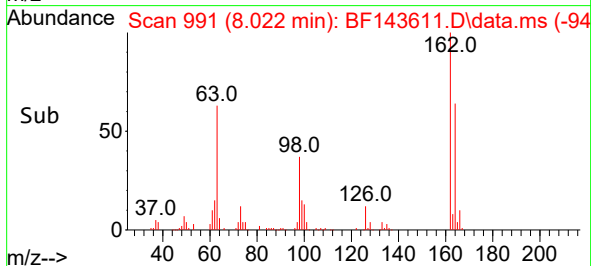
98 37.1 16.1 56.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#30

1,2,4-Trichlorobenzene

Concen: 53.066 ng

RT: 8.110 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF143611.D

Acq: 28 Aug 2025 15:46

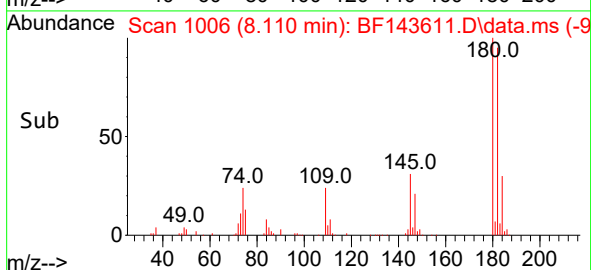
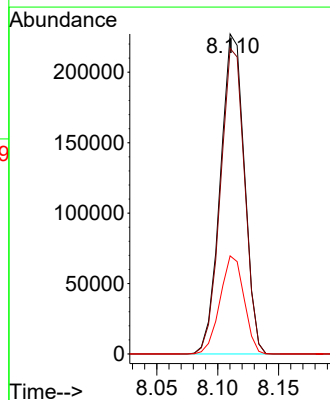
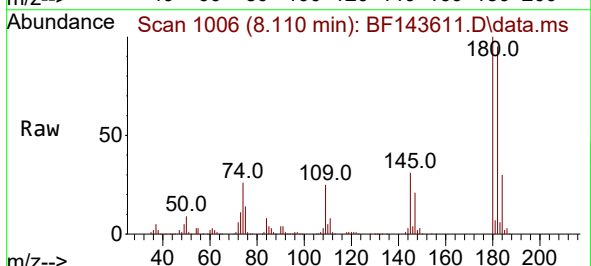
Tgt Ion:180 Resp: 312601

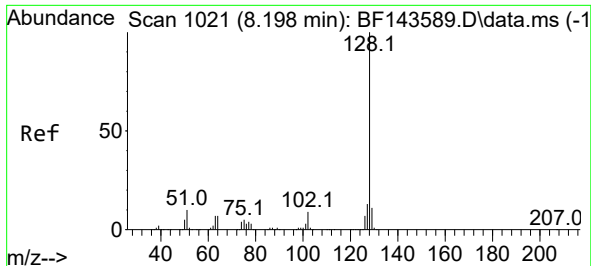
Ion Ratio Lower Upper

180 100

182 95.5 75.8 113.6

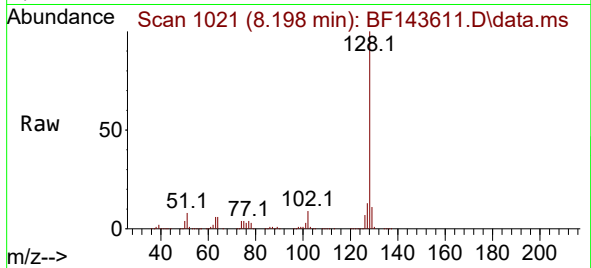
145 30.7 24.5 36.7





#31
Naphthalene
Concen: 48.983 ng
RT: 8.198 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF143611.D
Acq: 28 Aug 2025 15:46

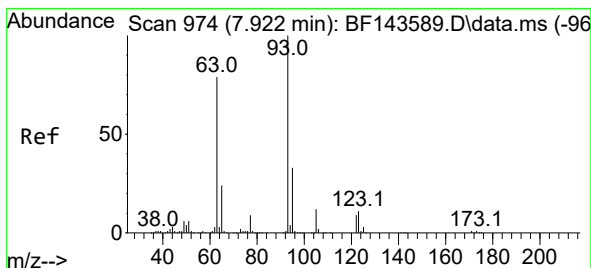
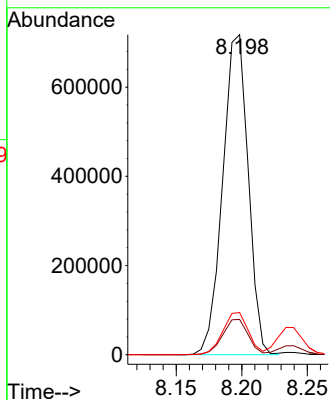
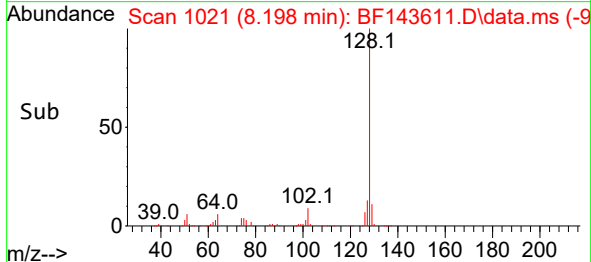
Instrument :
BNA_F
ClientSampleId :
BRIDGE-SOUTHMS



Tgt Ion:128 Resp: 971808
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 13.2 10.6 15.8

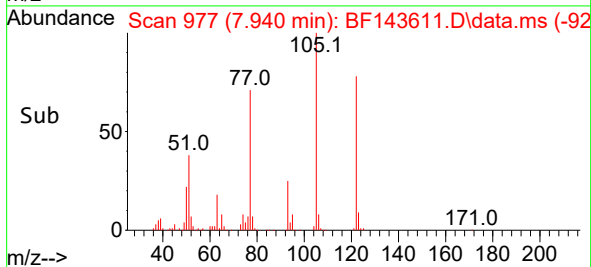
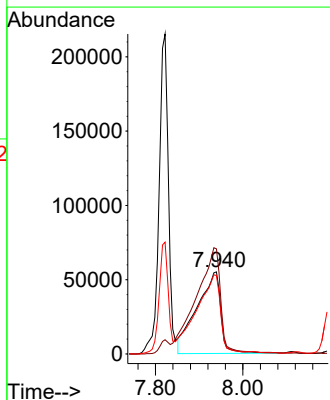
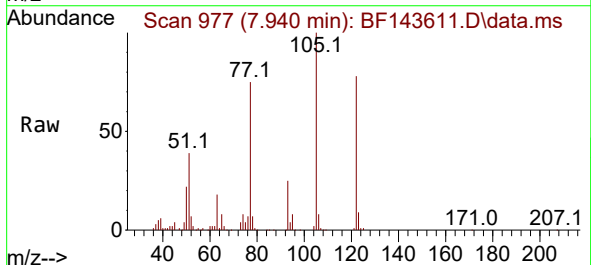
Manual Integrations
APPROVED

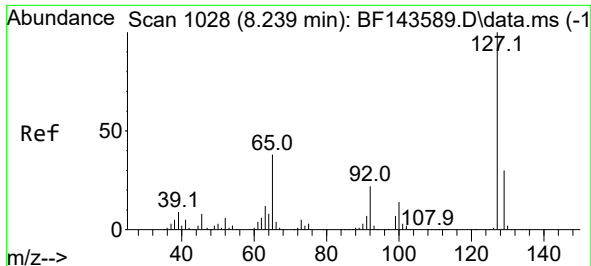
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#32
Benzoic acid
Concen: 63.813 ng
RT: 7.940 min Scan# 977
Delta R.T. 0.018 min
Lab File: BF143611.D
Acq: 28 Aug 2025 15:46

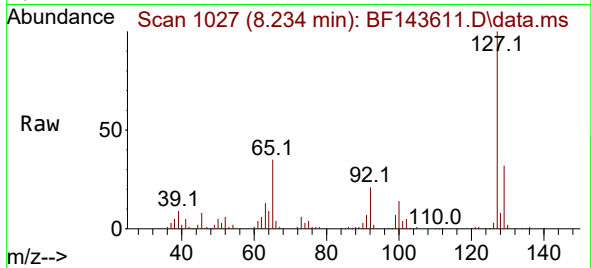
Tgt Ion:122 Resp: 210724
Ion Ratio Lower Upper
122 100
105 128.0 106.4 146.4
77 95.5 79.3 119.3





#33
4-Chloroaniline
Concen: 12.145 ng
RT: 8.234 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF143611.D
Acq: 28 Aug 2025 15:46

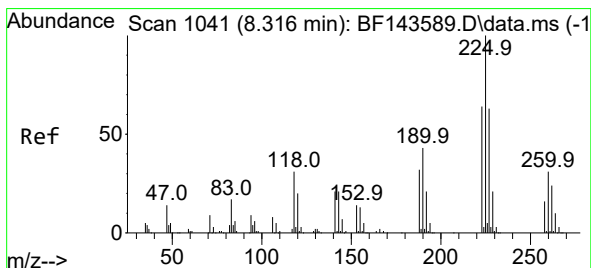
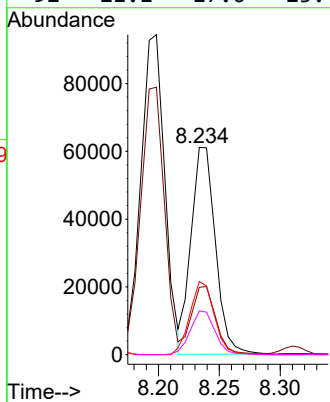
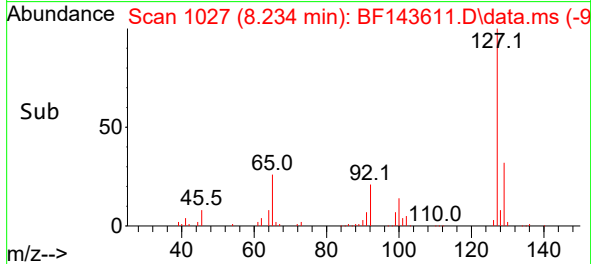
Instrument :
BNA_F
ClientSampleId :
BRIDGE-SOUTHMS



Tgt Ion:	127	Resp:	8512
Ion Ratio	Lower	Upper	
127	100		
129	32.5	25.8	38.6
65	35.3	29.7	44.5
92	21.1	17.0	25.4

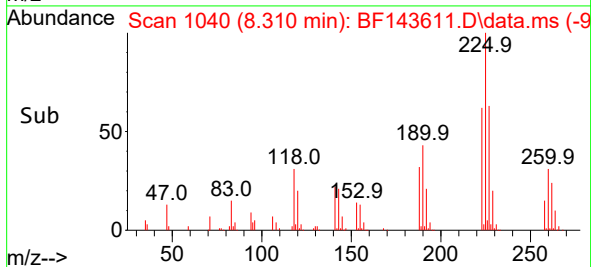
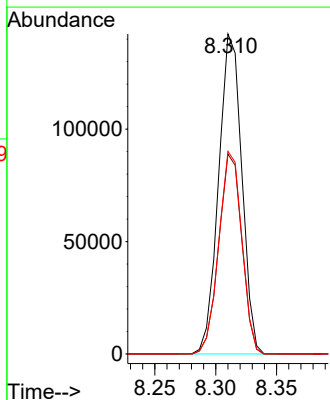
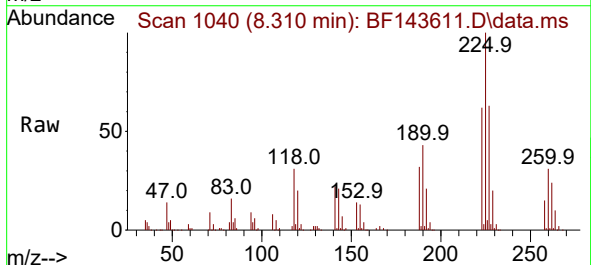
Manual Integrations
APPROVED

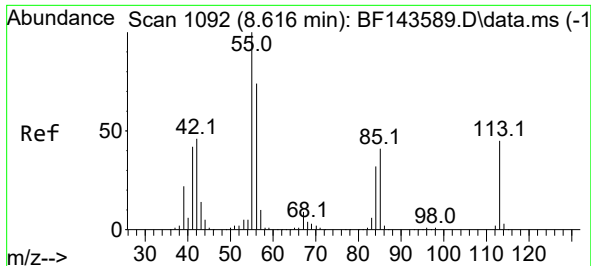
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#34
Hexachlorobutadiene
Concen: 50.798 ng
RT: 8.310 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF143611.D
Acq: 28 Aug 2025 15:46

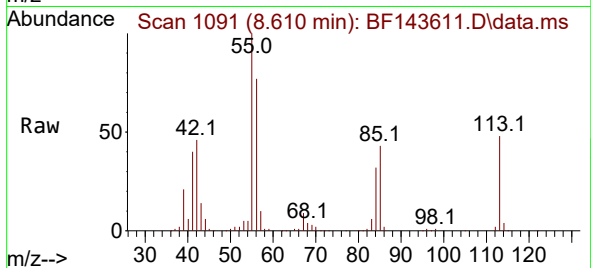
Tgt Ion:	225	Resp:	188561
Ion Ratio	Lower	Upper	
225	100		
223	62.4	50.8	76.2
227	63.3	50.6	76.0





#35
 Caprolactam
 Concen: 59.738 ng m
 RT: 8.610 min Scan# 1092
 Delta R.T. -0.006 min
 Lab File: BF143611.D
 Acq: 28 Aug 2025 15:46

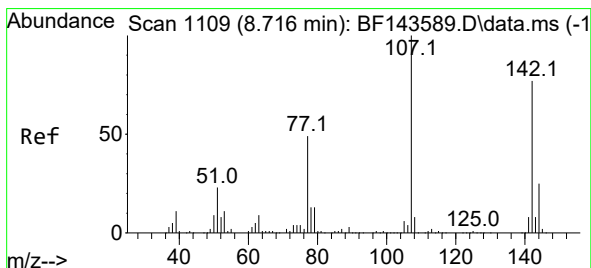
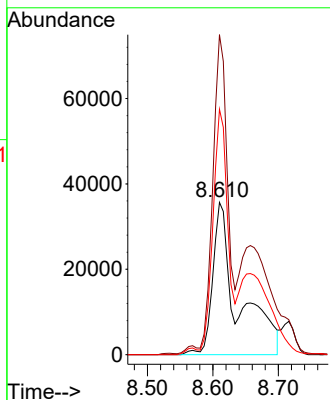
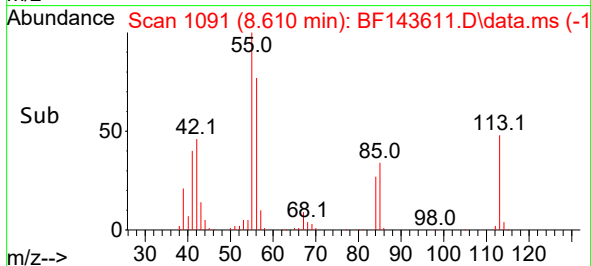
Instrument :
 BNA_F
 ClientSampleId :
 BRIDGE-SOUTHMS



Tgt Ion:113 Resp: 95752
 Ion Ratio Lower Upper
 113 100
 55 210.1 202.1 242.1
 56 161.1 145.4 185.4

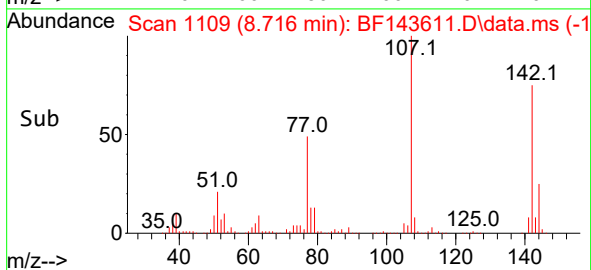
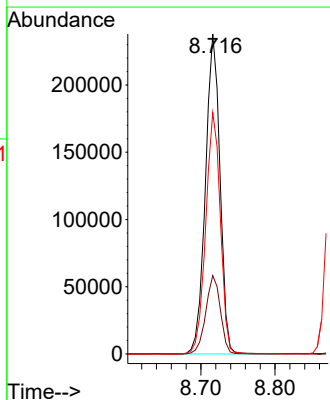
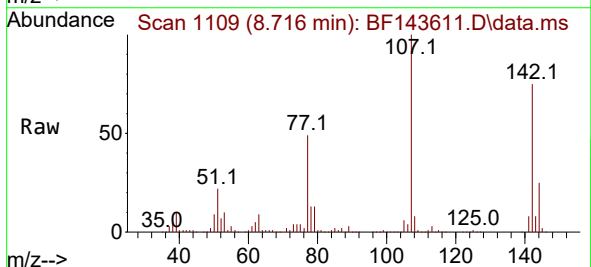
Manual Integrations
 APPROVED

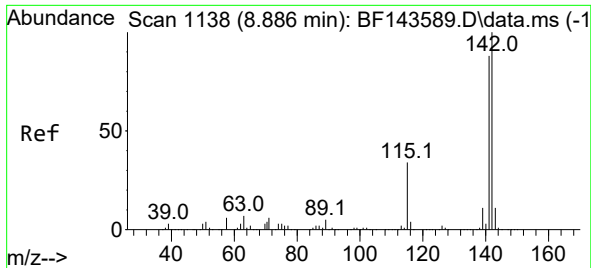
Reviewed By :Rahul Chavli 08/29/2025
 Supervised By :Jagrut Upadhyay 08/29/2025



#36
 4-Chloro-3-methylphenol
 Concen: 55.009 ng
 RT: 8.716 min Scan# 1109
 Delta R.T. 0.000 min
 Lab File: BF143611.D
 Acq: 28 Aug 2025 15:46

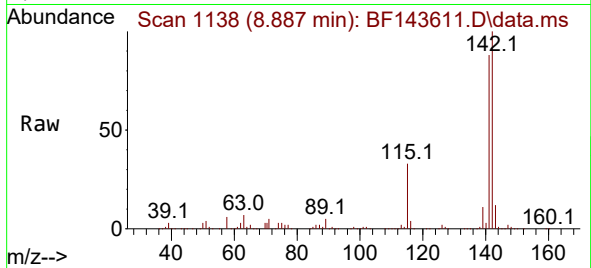
Tgt Ion:107 Resp: 324479
 Ion Ratio Lower Upper
 107 100
 144 24.5 19.8 29.6
 142 75.5 61.7 92.5





#37
2-Methylnaphthalene
Concen: 46.350 ng
RT: 8.887 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BF143611.D
Acq: 28 Aug 2025 15:46

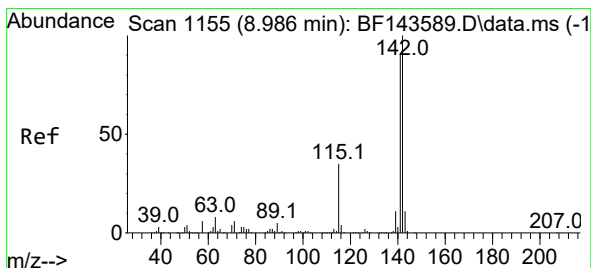
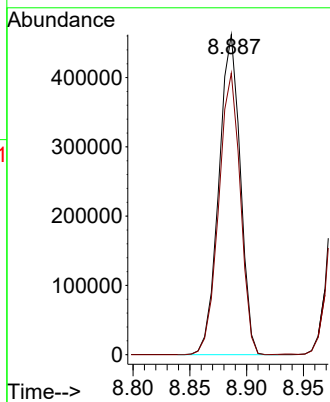
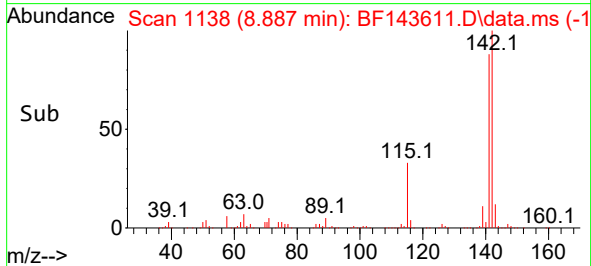
Instrument :
BNA_F
ClientSampleId :
BRIDGE-SOUTHMS



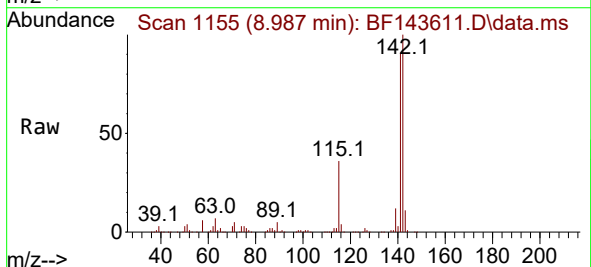
Tgt Ion:142 Resp: 60728
Ion Ratio Lower Upper
142 100
141 88.0 70.2 105.4

Manual Integrations
APPROVED

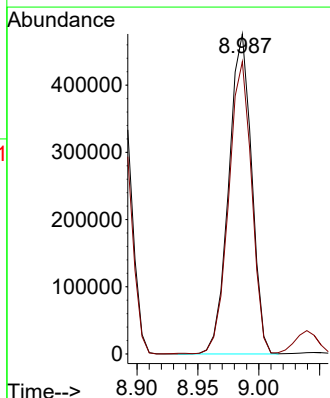
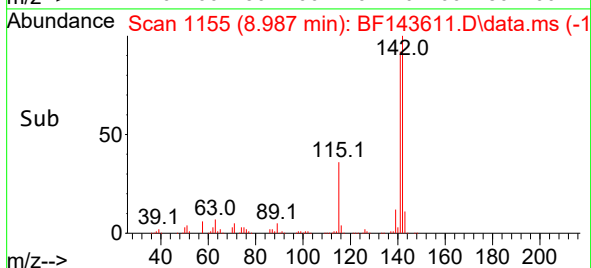
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

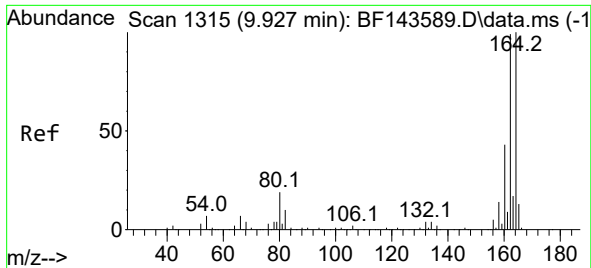


#38
1-Methylnaphthalene
Concen: 49.229 ng
RT: 8.987 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF143611.D
Acq: 28 Aug 2025 15:46



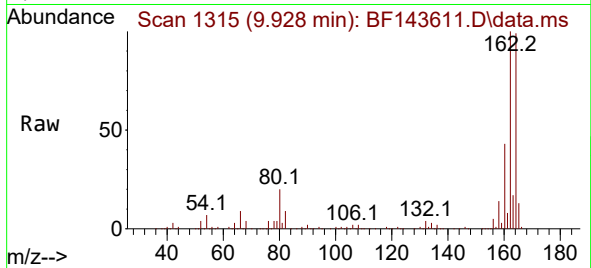
Tgt Ion:142 Resp: 622507
Ion Ratio Lower Upper
142 100
141 91.4 72.6 109.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1115
Delta R.T. 0.001 min
Lab File: BF143611.D
Acq: 28 Aug 2025 15:46

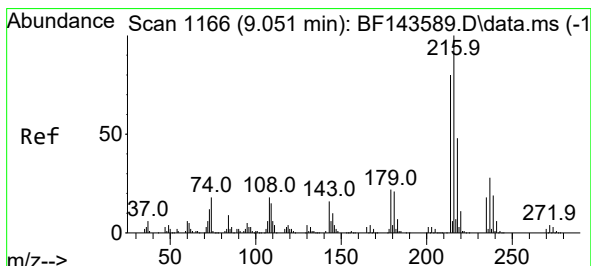
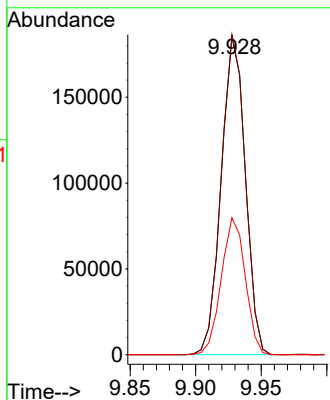
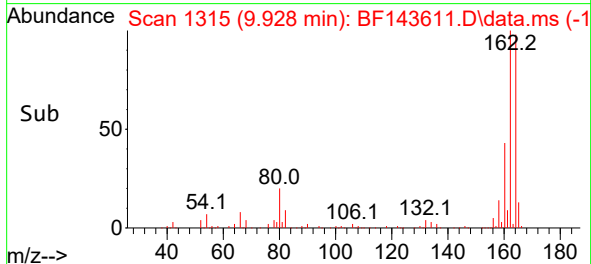
Instrument :
BNA_F
ClientSampleId :
BRIDGE-SOUTHMS



Tgt Ion:164 Resp: 236683
Ion Ratio Lower Upper
164 100
162 100.7 79.5 119.3
160 43.1 34.2 51.4

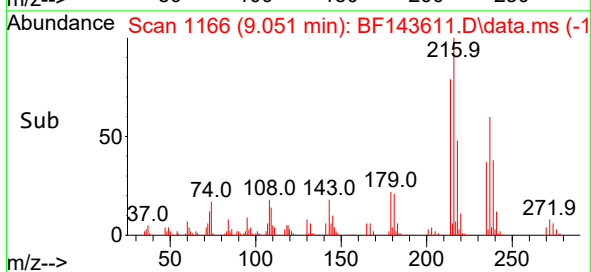
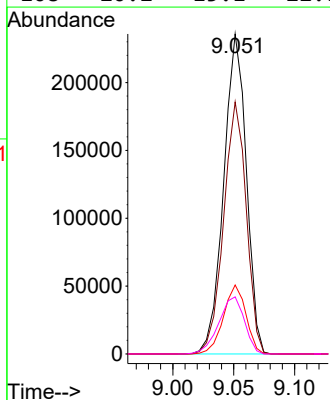
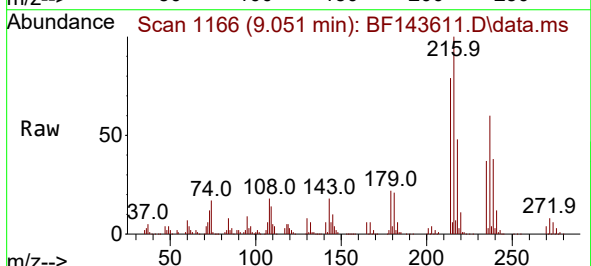
Manual Integrations
APPROVED

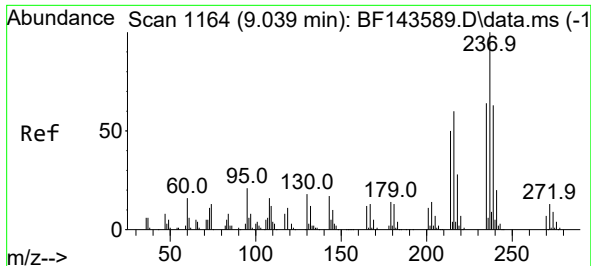
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.538 ng
RT: 9.051 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF143611.D
Acq: 28 Aug 2025 15:46

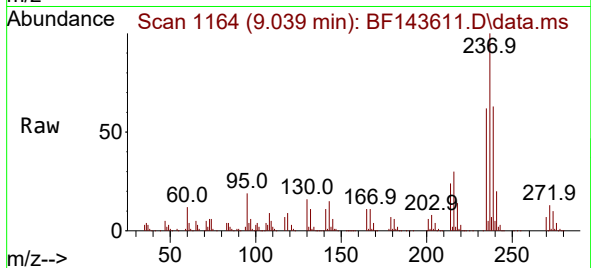
Tgt Ion:216 Resp: 304969
Ion Ratio Lower Upper
216 100
214 78.7 64.1 96.1
179 21.4 17.4 26.0
108 20.2 15.1 22.7





#41
Hexachlorocyclopentadiene
Concen: 134.456 ng
RT: 9.039 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF143611.D
Acq: 28 Aug 2025 15:46

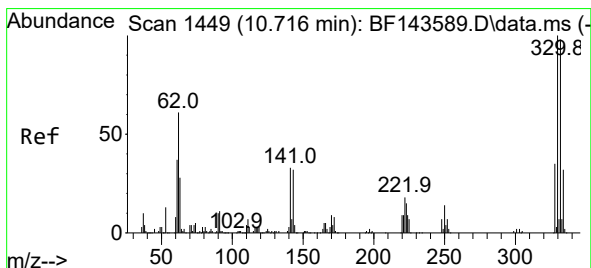
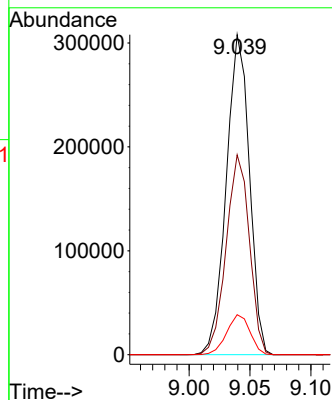
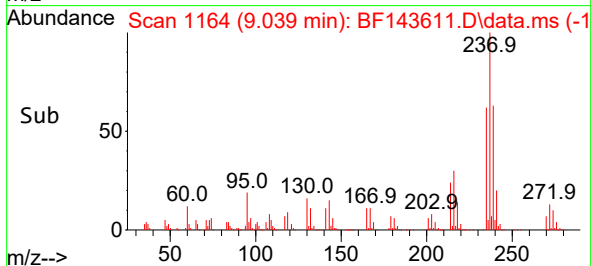
Instrument :
BNA_F
ClientSampleId :
BRIDGE-SOUTHMS



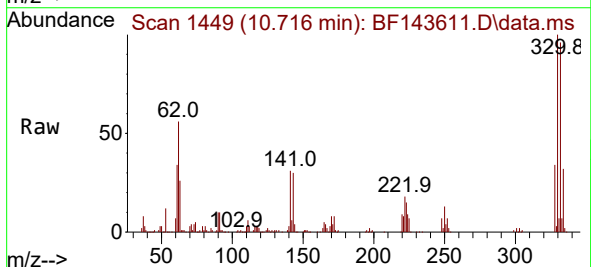
Tgt Ion: 237 Resp: 407209
Ion Ratio Lower Upper
237 100
235 62.5 43.8 83.8
272 12.5 0.0 32.8

Manual Integrations
APPROVED

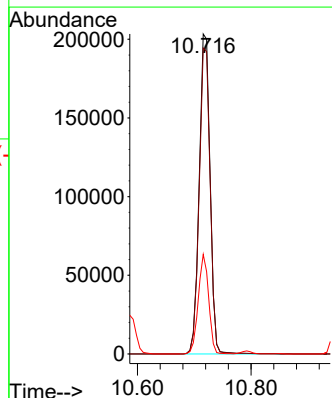
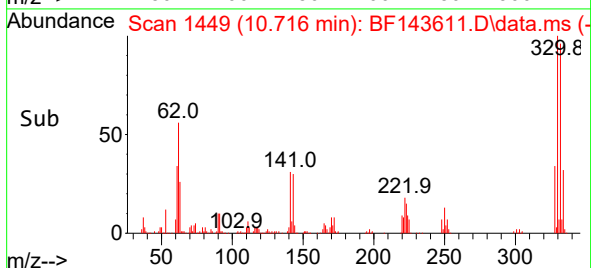
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

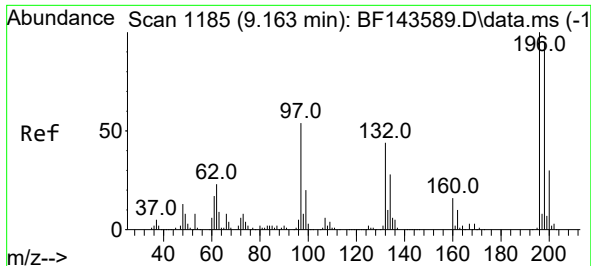


#42
2,4,6-Tribromophenol
Concen: 146.989 ng
RT: 10.716 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF143611.D
Acq: 28 Aug 2025 15:46



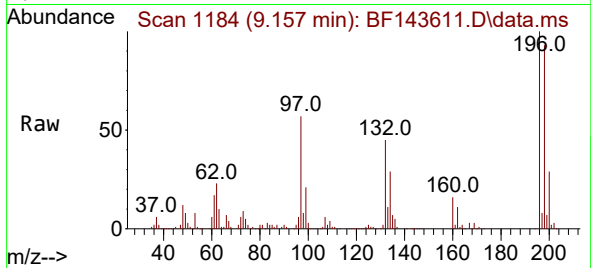
Tgt Ion: 330 Resp: 272063
Ion Ratio Lower Upper
330 100
332 96.1 78.2 117.4
141 29.8 25.4 38.0





#43
2,4,6-Trichlorophenol
Concen: 54.635 ng
RT: 9.157 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF143611.D
Acq: 28 Aug 2025 15:46

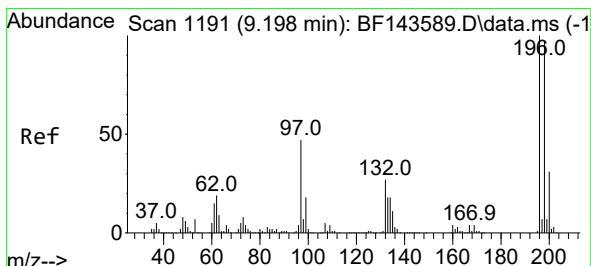
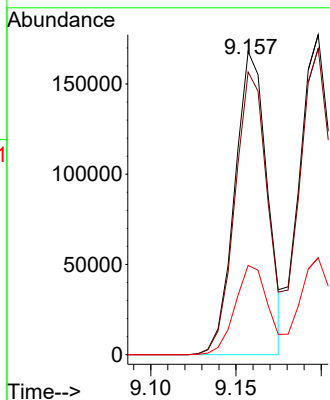
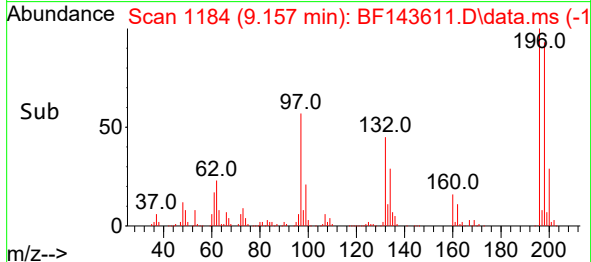
Instrument :
BNA_F
ClientSampleId :
BRIDGE-SOUTHMS



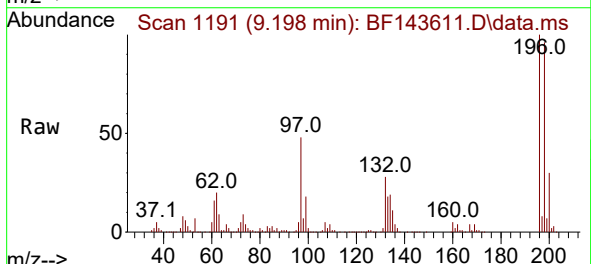
Tgt Ion:196 Resp: 222258
Ion Ratio Lower Upper
196 100
198 93.3 75.8 113.6
200 29.5 24.2 36.4

Manual Integrations
APPROVED

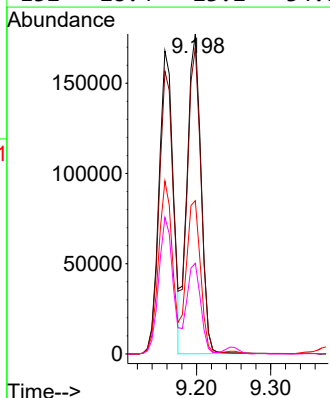
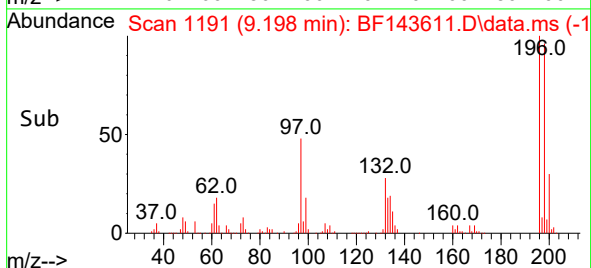
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

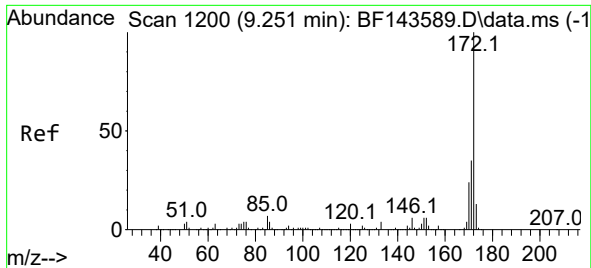


#44
2,4,5-Trichlorophenol
Concen: 56.316 ng
RT: 9.198 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF143611.D
Acq: 28 Aug 2025 15:46



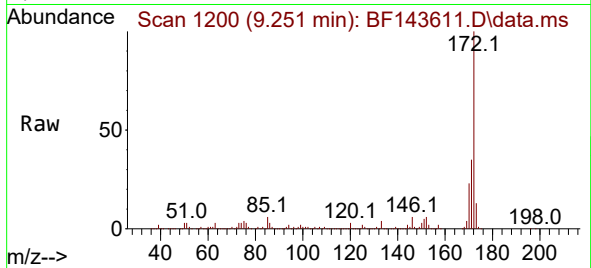
Tgt Ion:196 Resp: 231498
Ion Ratio Lower Upper
196 100
198 95.7 77.0 115.6
97 47.9 39.3 58.9
132 28.4 23.2 34.8





#45
2-Fluorobiphenyl
Concen: 76.260 ng
RT: 9.251 min Scan# 1200
Delta R.T. 0.000 min
Lab File: BF143611.D
Acq: 28 Aug 2025 15:46

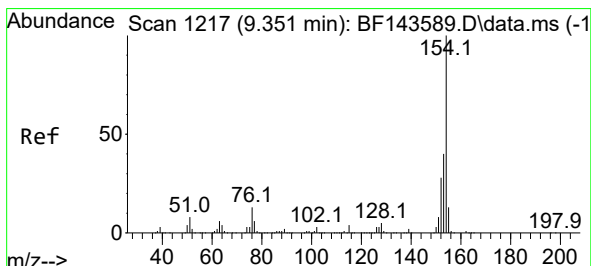
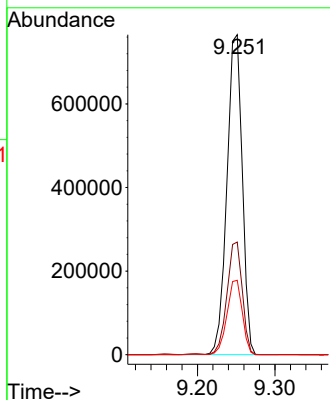
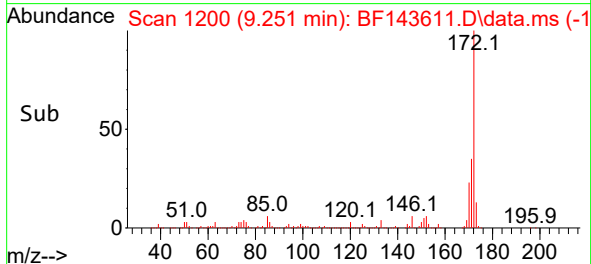
Instrument :
BNA_F
ClientSampleId :
BRIDGE-SOUTHMS



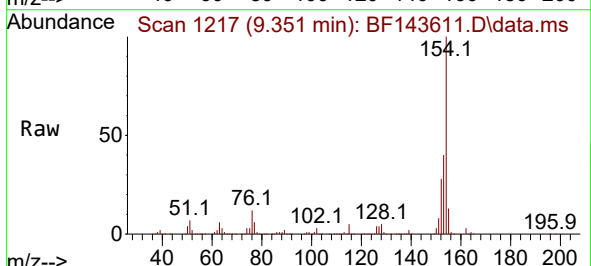
Tgt Ion:172 Resp: 105566
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.2 19.0 28.4

Manual Integrations
APPROVED

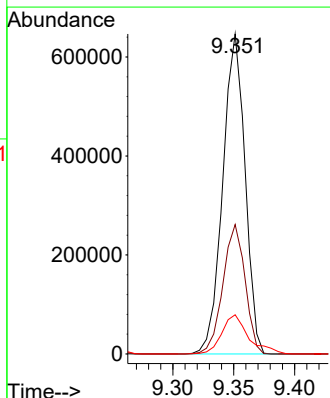
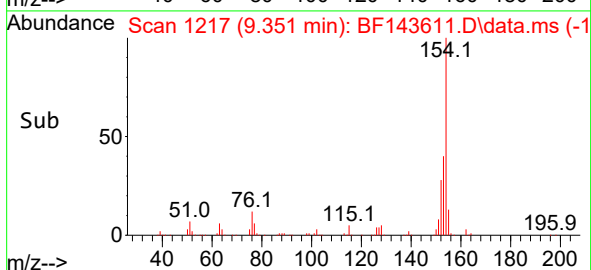
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

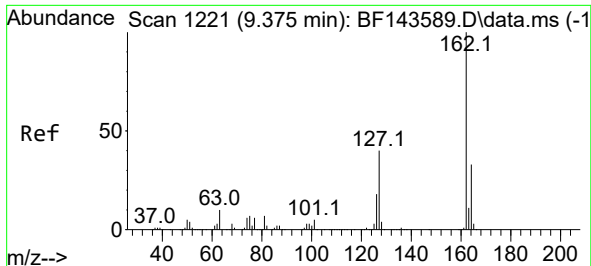


#46
1,1'-Biphenyl
Concen: 50.178 ng
RT: 9.351 min Scan# 1217
Delta R.T. 0.000 min
Lab File: BF143611.D
Acq: 28 Aug 2025 15:46



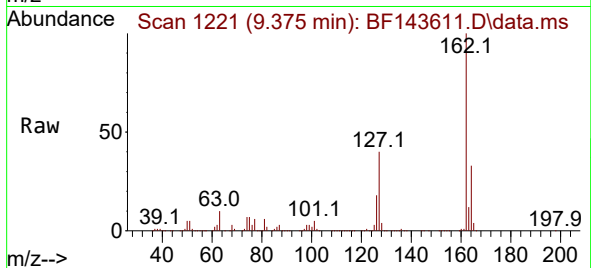
Tgt Ion:154 Resp: 824057
Ion Ratio Lower Upper
154 100
153 40.4 20.1 60.1
76 12.2 0.0 33.0





#47
2-Chloronaphthalene
Concen: 49.175 ng
RT: 9.375 min Scan# 1221
Delta R.T. 0.000 min
Lab File: BF143611.D
Acq: 28 Aug 2025 15:46

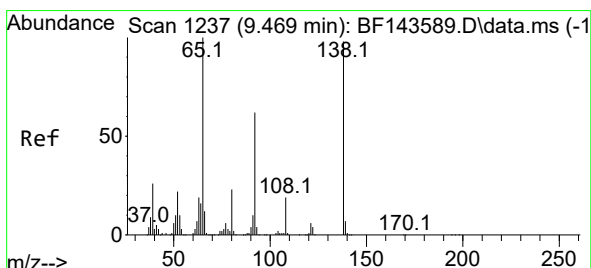
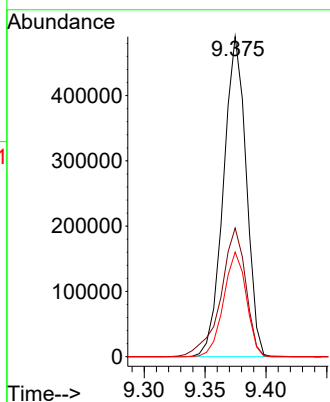
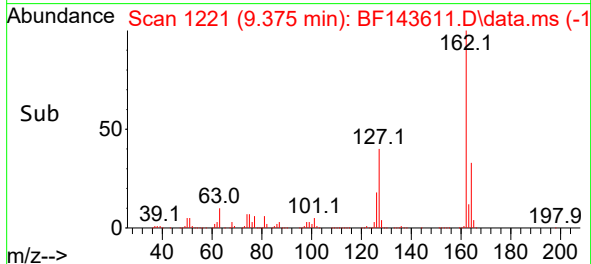
Instrument :
BNA_F
ClientSampleId :
BRIDGE-SOUTHMS



Tgt Ion:162 Resp: 637945
Ion Ratio Lower Upper
162 100
127 40.2 32.6 48.8
164 32.7 26.1 39.1

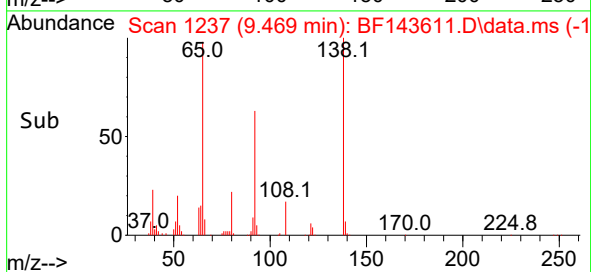
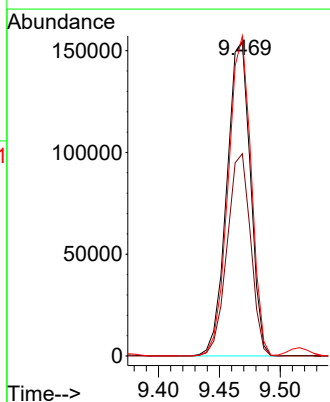
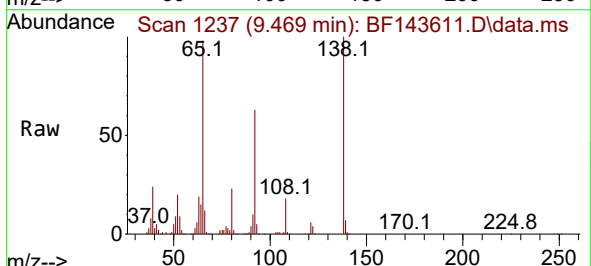
Manual Integrations
APPROVED

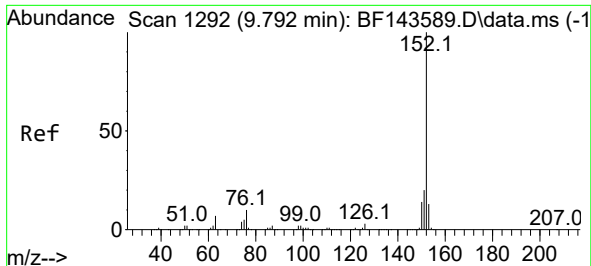
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#48
2-Nitroaniline
Concen: 56.872 ng
RT: 9.469 min Scan# 1237
Delta R.T. -0.000 min
Lab File: BF143611.D
Acq: 28 Aug 2025 15:46

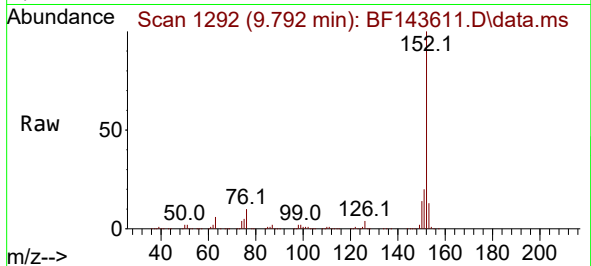
Tgt Ion: 65 Resp: 208077
Ion Ratio Lower Upper
65 100
92 64.4 49.6 74.4
138 101.9 78.6 118.0





#49
Acenaphthylene
Concen: 55.327 ng
RT: 9.792 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BF143611.D
Acq: 28 Aug 2025 15:46

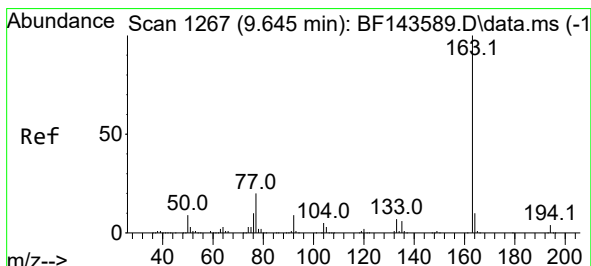
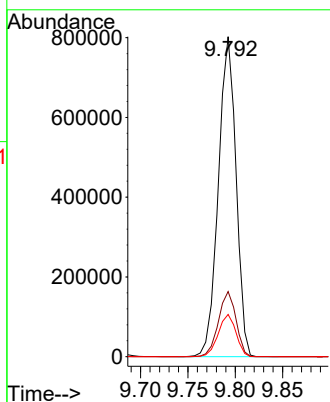
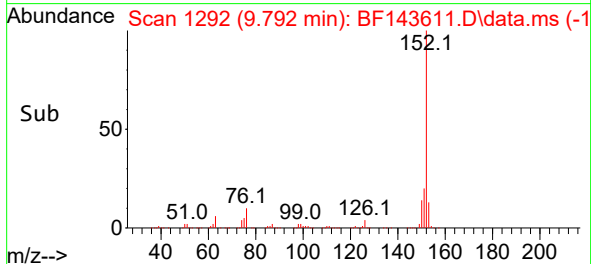
Instrument :
BNA_F
ClientSampleId :
BRIDGE-SOUTHMS



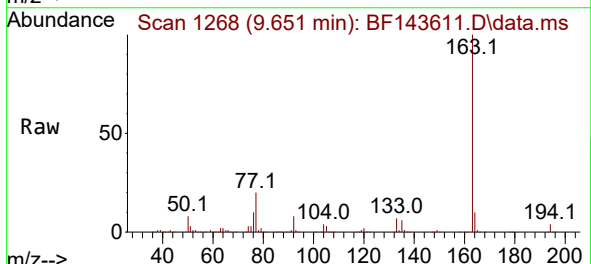
Tgt Ion:152 Resp: 104433
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2
153 13.2 10.6 15.8

Manual Integrations
APPROVED

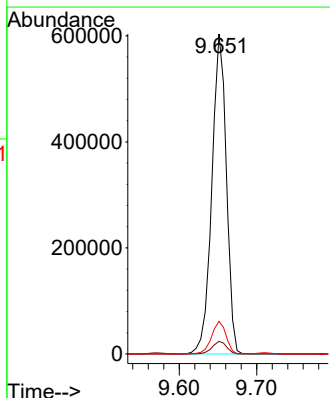
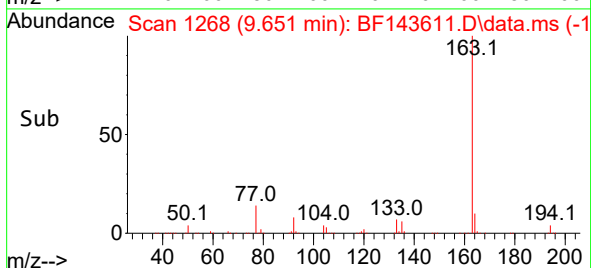
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

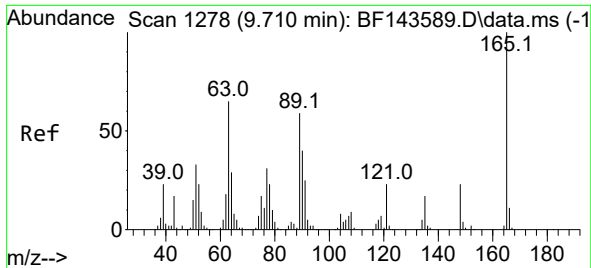


#50
Dimethylphthalate
Concen: 54.090 ng
RT: 9.651 min Scan# 1268
Delta R.T. 0.006 min
Lab File: BF143611.D
Acq: 28 Aug 2025 15:46



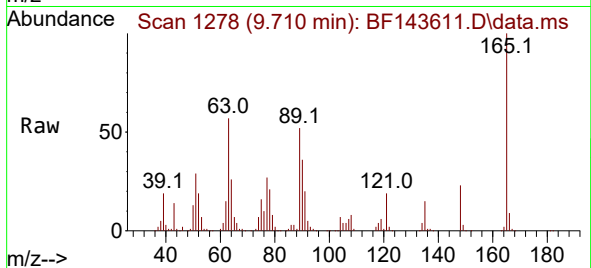
Tgt Ion:163 Resp: 787449
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.2 8.4 12.6





#51
2,6-Dinitrotoluene
Concen: 66.097 ng
RT: 9.710 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BF143611.D
Acq: 28 Aug 2025 15:46

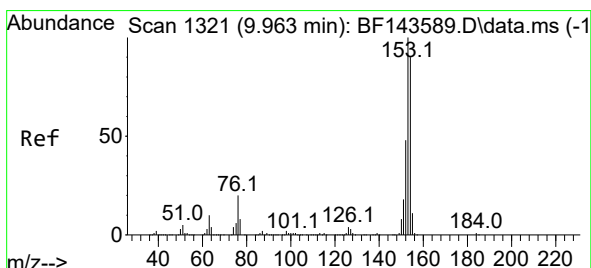
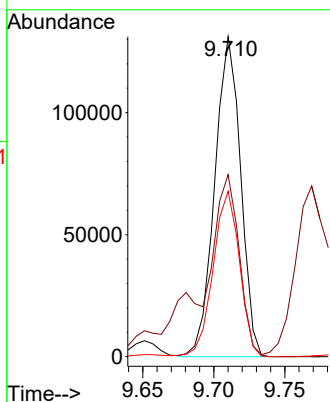
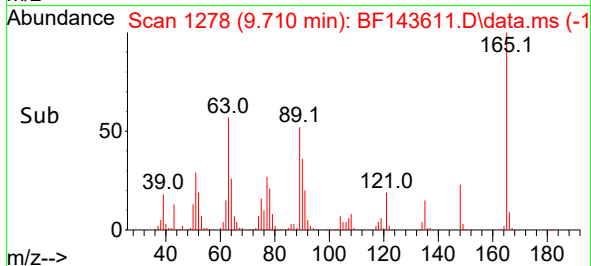
Instrument :
BNA_F
ClientSampleId :
BRIDGE-SOUTHMS



Tgt Ion:165 Resp: 166519
Ion Ratio Lower Upper
165 100
63 56.9 51.8 77.6
89 51.7 47.4 71.2

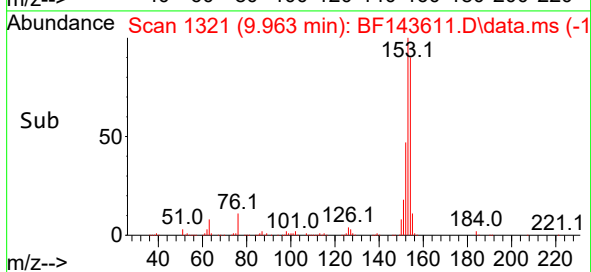
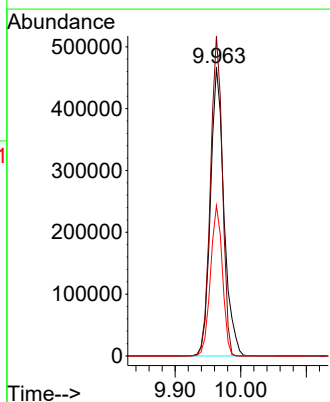
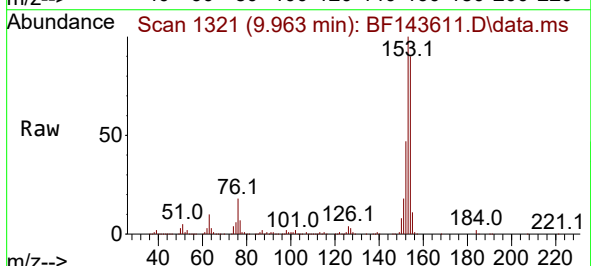
Manual Integrations
APPROVED

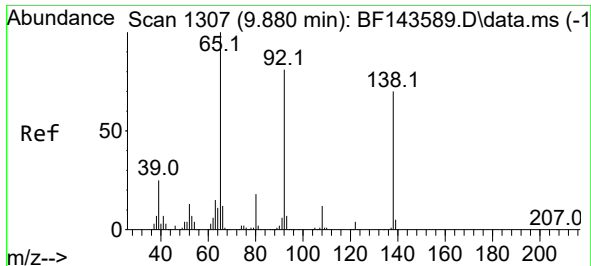
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#52
Acenaphthene
Concen: 54.079 ng
RT: 9.963 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BF143611.D
Acq: 28 Aug 2025 15:46

Tgt Ion:154 Resp: 668637
Ion Ratio Lower Upper
154 100
153 110.9 89.0 133.4
152 52.1 42.9 64.3





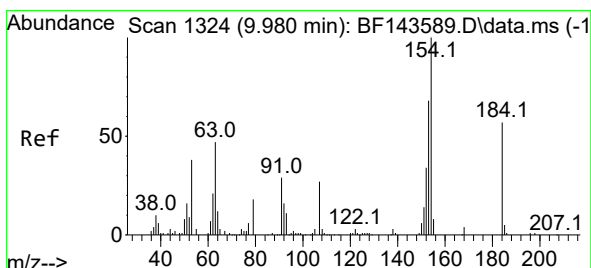
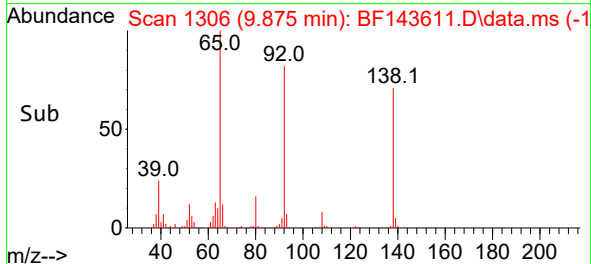
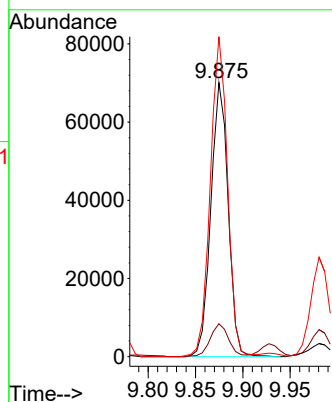
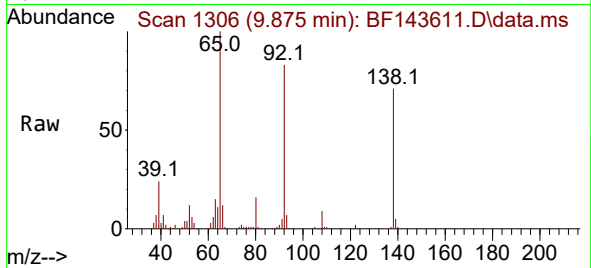
#53
3-Nitroaniline
Concen: 32.322 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF143611.D
Acq: 28 Aug 2025 15:46

Instrument :
BNA_F
ClientSampleId :
BRIDGE-SOUTHMS

Tgt Ion:138 Resp: 89114
Ion Ratio Lower Upper
138 100
108 12.0 13.8 20.8
92 116.8 92.6 139.0

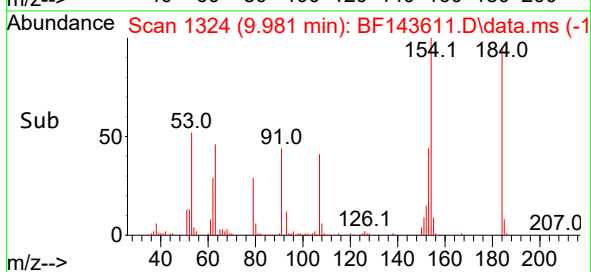
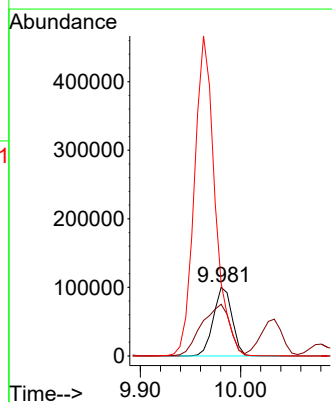
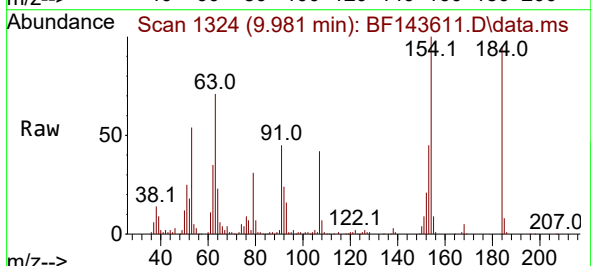
Manual Integrations
APPROVED

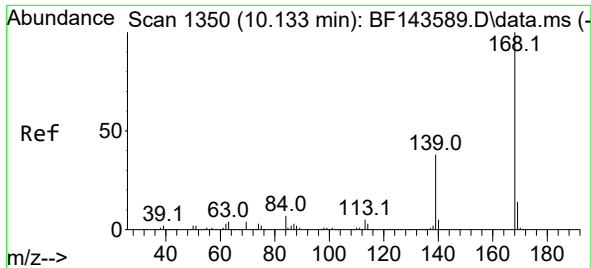
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#54
2,4-Dinitrophenol
Concen: 107.723 ng
RT: 9.981 min Scan# 1324
Delta R.T. 0.001 min
Lab File: BF143611.D
Acq: 28 Aug 2025 15:46

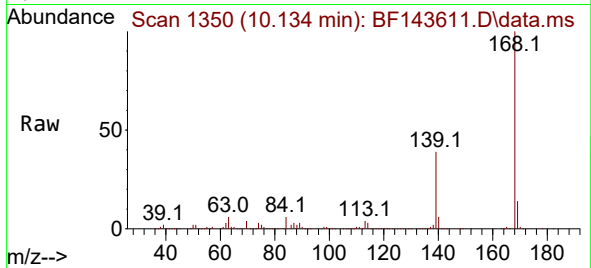
Tgt Ion:184 Resp: 129912
Ion Ratio Lower Upper
184 100
63 75.3 80.9 121.3#
154 105.8 262.0 393.0#





#55
Dibenzofuran
Concen: 49.845 ng
RT: 10.134 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143611.D
Acq: 28 Aug 2025 15:46

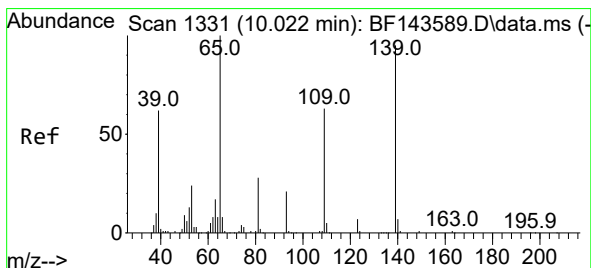
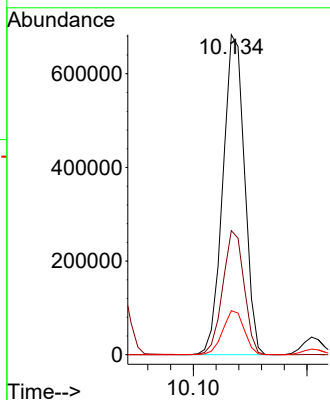
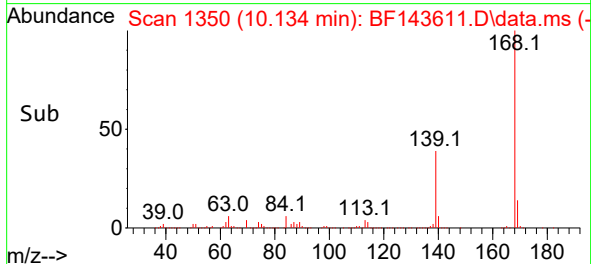
Instrument :
BNA_F
ClientSampleId :
BRIDGE-SOUTHMS



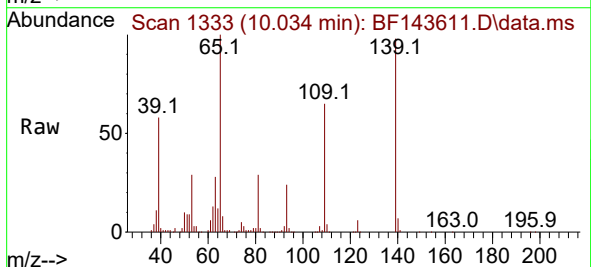
Tgt Ion:168 Resp: 90356
Ion Ratio Lower Upper
168 100
139 38.7 30.6 46.0
169 13.7 10.9 16.3

Manual Integrations
APPROVED

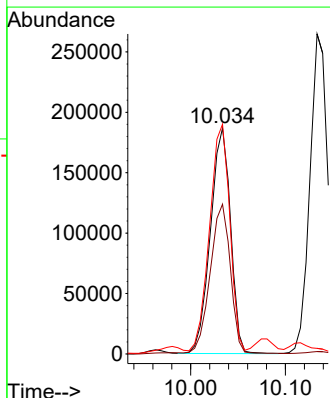
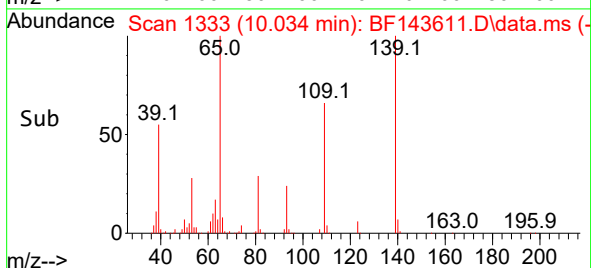
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

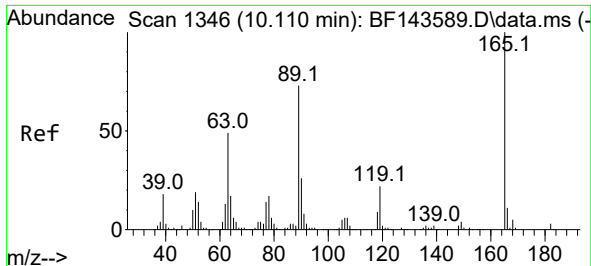


#56
4-Nitrophenol
Concen: 107.999 ng
RT: 10.034 min Scan# 1333
Delta R.T. 0.011 min
Lab File: BF143611.D
Acq: 28 Aug 2025 15:46



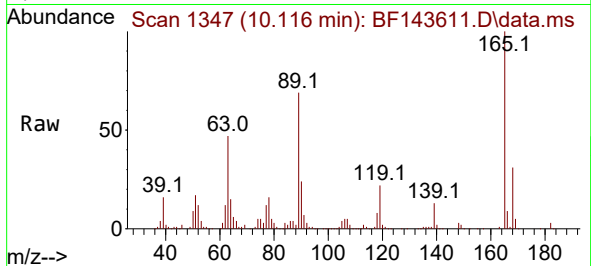
Tgt Ion:139 Resp: 275561
Ion Ratio Lower Upper
139 100
109 66.3 47.3 87.3
65 101.7 86.8 126.8





#57
2,4-Dinitrotoluene
Concen: 65.859 ng
RT: 10.116 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143611.D
Acq: 28 Aug 2025 15:46

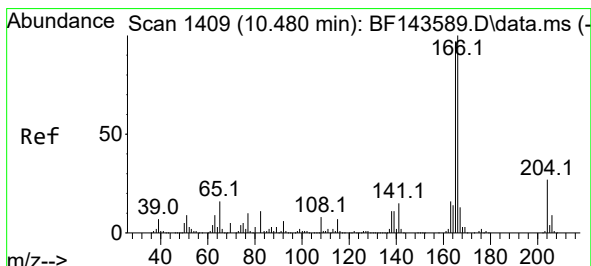
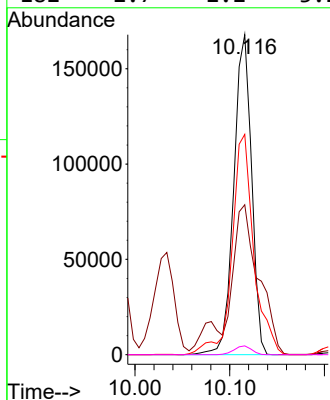
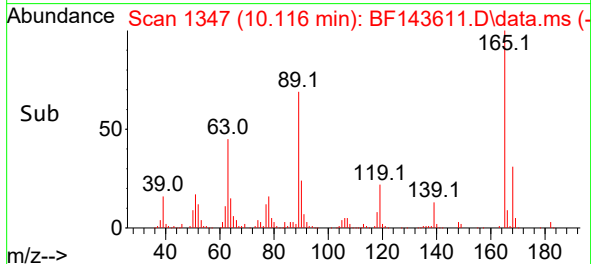
Instrument :
BNA_F
ClientSampleId :
BRIDGE-SOUTHMS



Tgt Ion:165 Resp: 21792
Ion Ratio Lower Upper
165 100
63 46.8 39.5 59.3
89 68.9 58.1 87.1
182 2.7 2.2 3.2

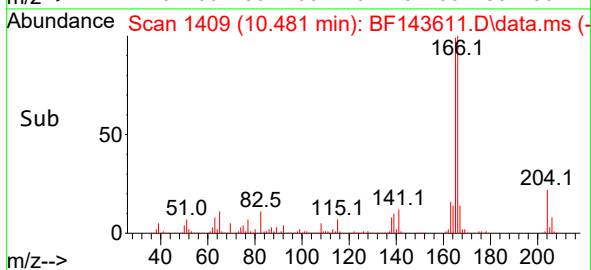
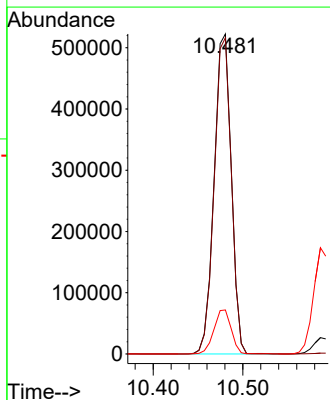
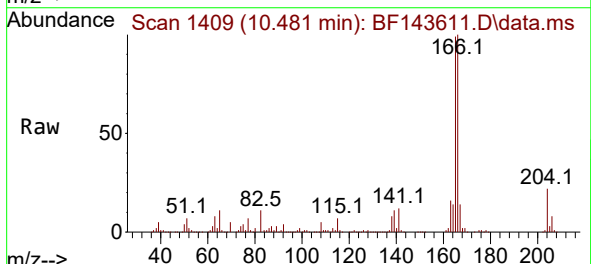
Manual Integrations
APPROVED

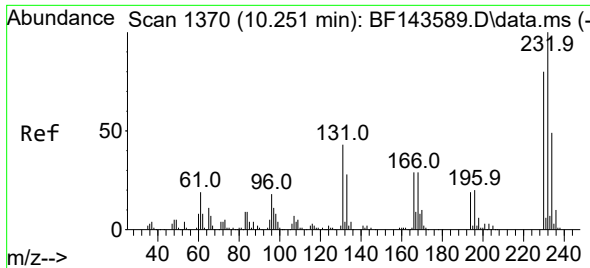
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#58
Fluorene
Concen: 50.969 ng
RT: 10.481 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF143611.D
Acq: 28 Aug 2025 15:46

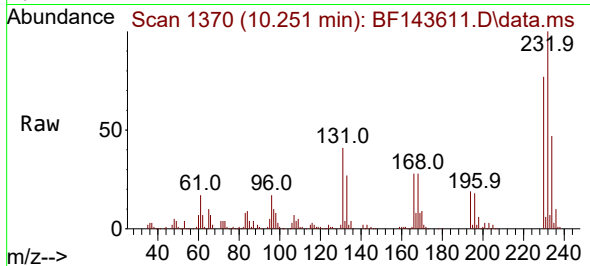
Tgt Ion:166 Resp: 693695
Ion Ratio Lower Upper
166 100
165 98.8 77.7 116.5
167 13.8 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 64.256 ng
RT: 10.251 min Scan# 1370
Delta R.T. 0.000 min
Lab File: BF143611.D
Acq: 28 Aug 2025 15:46

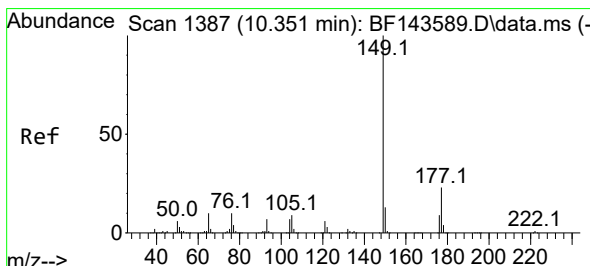
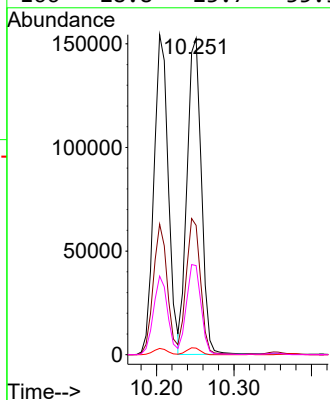
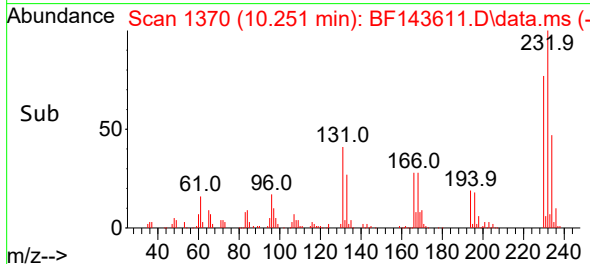
Instrument :
BNA_F
ClientSampleId :
BRIDGE-SOUTHMS



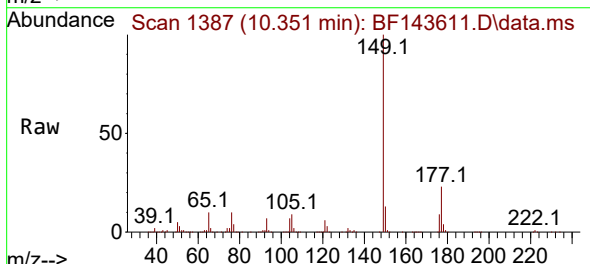
Tgt Ion:232 Resp: 195279
Ion Ratio Lower Upper
232 100
131 43.1 35.9 53.9
130 2.1 1.8 2.8
166 28.8 23.7 35.5

Manual Integrations
APPROVED

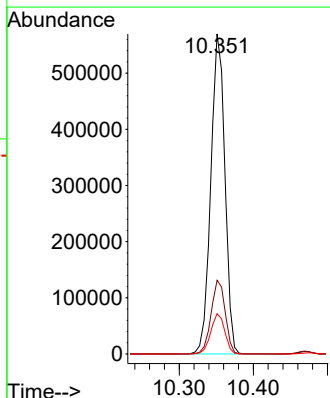
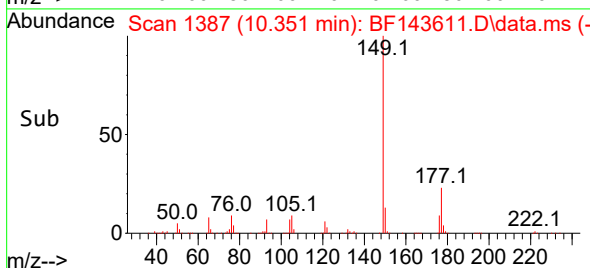
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

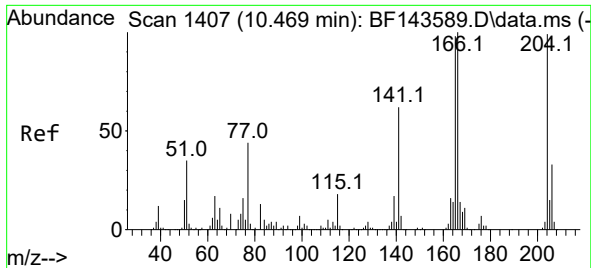


#60
Diethylphthalate
Concen: 55.103 ng
RT: 10.351 min Scan# 1387
Delta R.T. 0.000 min
Lab File: BF143611.D
Acq: 28 Aug 2025 15:46



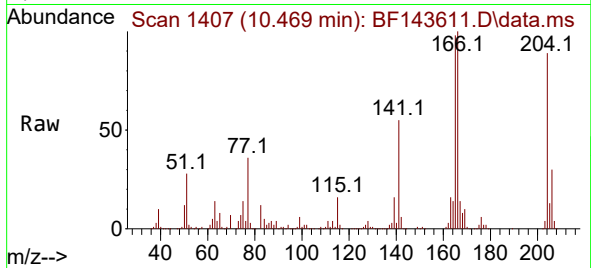
Tgt Ion:149 Resp: 751771
Ion Ratio Lower Upper
149 100
177 23.0 18.1 27.1
150 12.6 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 50.820 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF143611.D
Acq: 28 Aug 2025 15:46

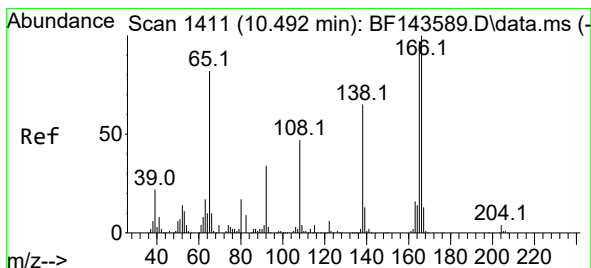
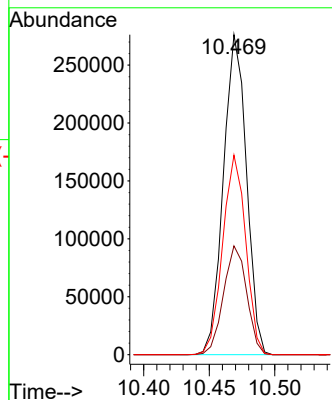
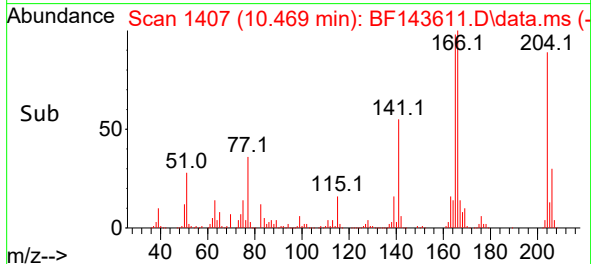
Instrument :
BNA_F
ClientSampleId :
BRIDGE-SOUTHMS



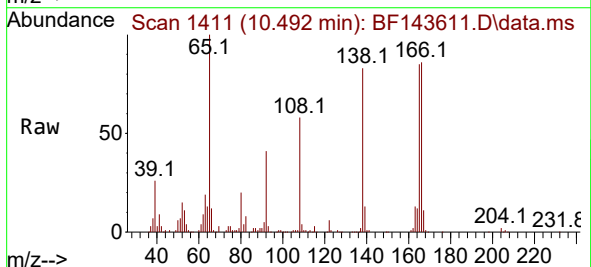
Tgt Ion:204 Resp: 338269
Ion Ratio Lower Upper
204 100
206 34.0 27.0 40.6
141 62.4 50.2 75.2

Manual Integrations
APPROVED

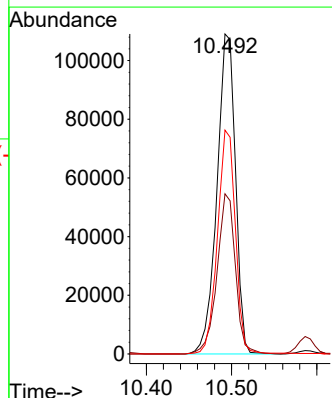
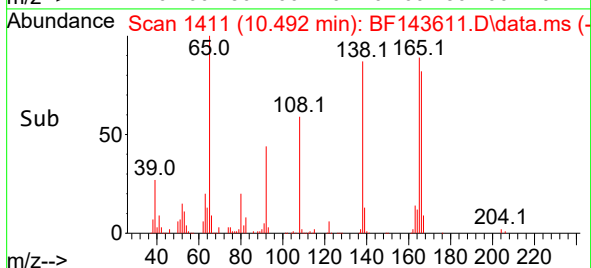
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

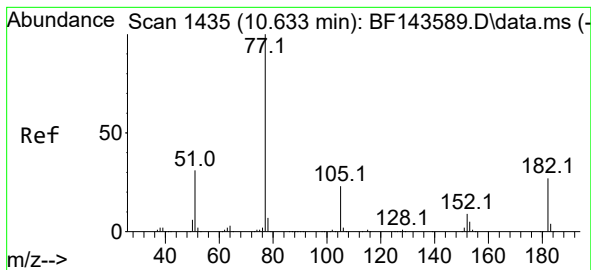


#62
4-Nitroaniline
Concen: 59.961 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF143611.D
Acq: 28 Aug 2025 15:46



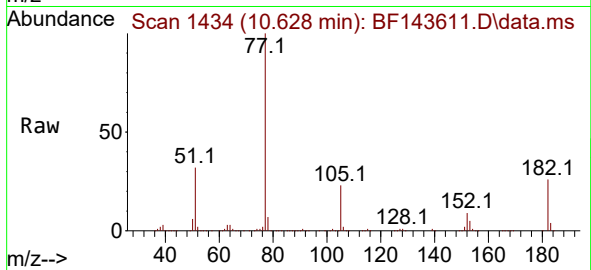
Tgt Ion:138 Resp: 164724
Ion Ratio Lower Upper
138 100
92 50.0 31.3 71.3
108 69.9 51.6 91.6





#63
Azobenzene
Concen: 56.379 ng
RT: 10.628 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF143611.D
Acq: 28 Aug 2025 15:46

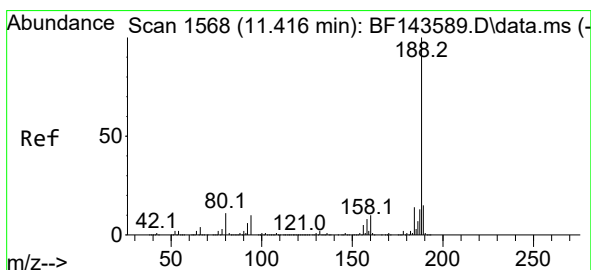
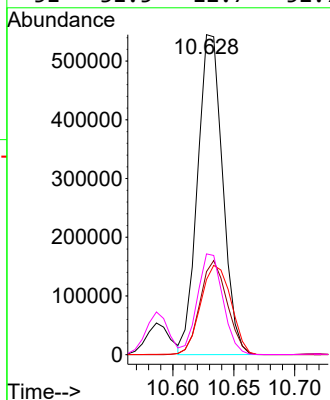
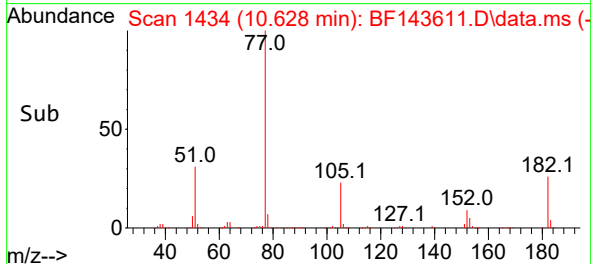
Instrument :
BNA_F
ClientSampleId :
BRIDGE-SOUTHMS



Tgt Ion: 77 Resp: 779880
Ion Ratio Lower Upper
77 100
182 25.9 6.3 46.3
105 23.5 2.4 42.4
51 31.5 12.7 52.7

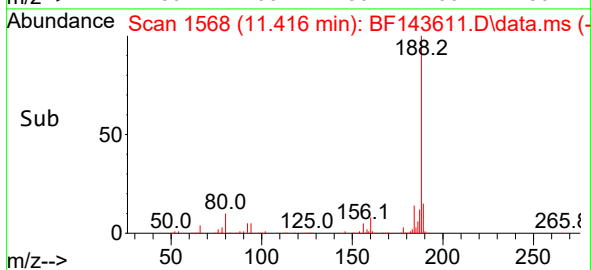
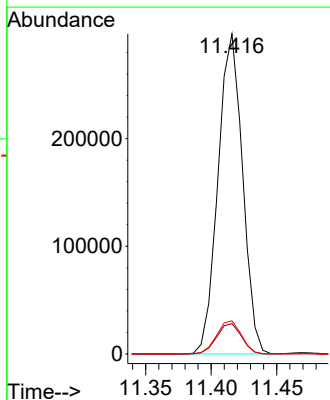
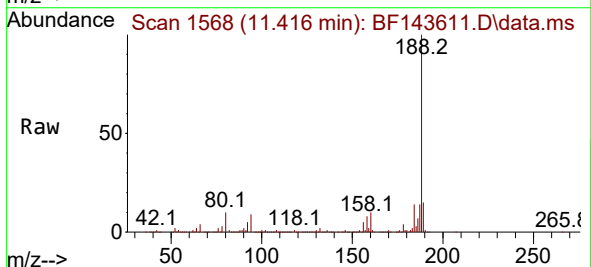
Manual Integrations
APPROVED

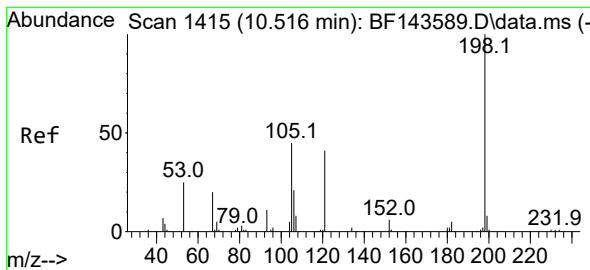
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. -0.000 min
Lab File: BF143611.D
Acq: 28 Aug 2025 15:46

Tgt Ion:188 Resp: 386634
Ion Ratio Lower Upper
188 100
94 9.5 8.2 12.4
80 10.3 8.9 13.3





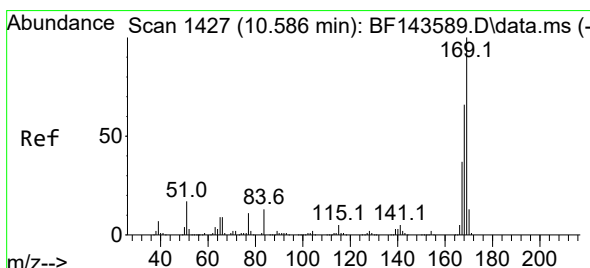
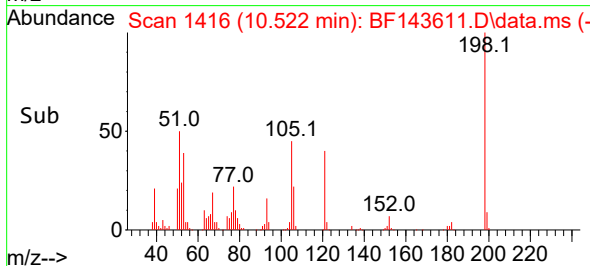
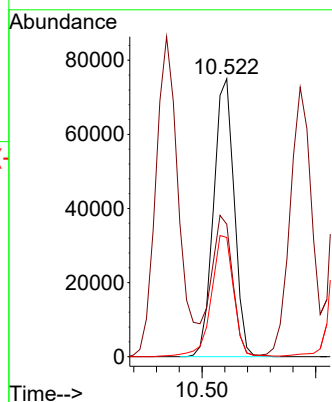
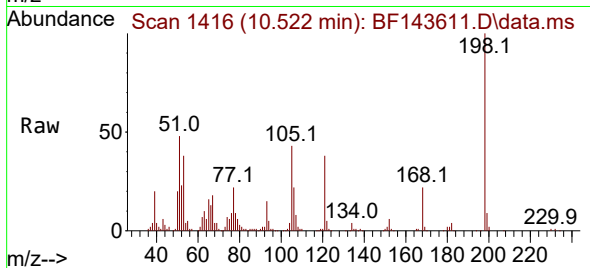
#65
4,6-Dinitro-2-methylphenol
Concen: 64.532 ng
RT: 10.522 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF143611.D
Acq: 28 Aug 2025 15:46

Instrument :
BNA_F
ClientSampleId :
BRIDGE-SOUTHMS

Tgt Ion:198 Resp: 94529
Ion Ratio Lower Upper
198 100
51 47.7 41.5 81.5
105 42.9 28.2 68.2

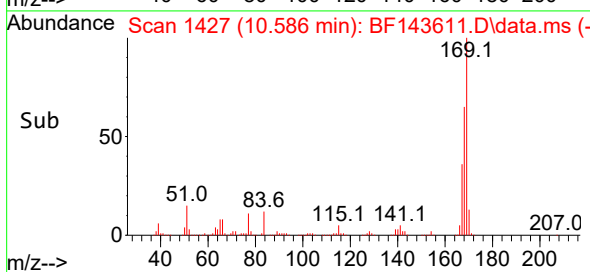
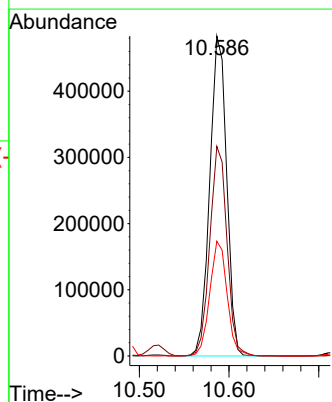
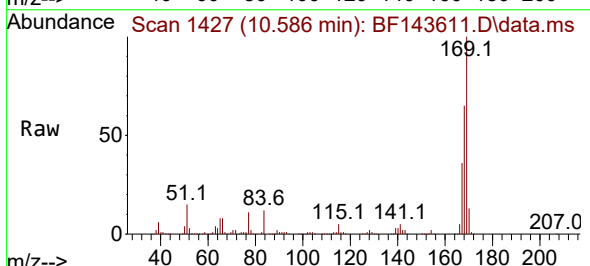
Manual Integrations
APPROVED

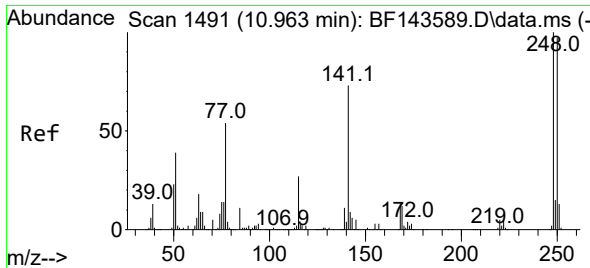
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#66
n-Nitrosodiphenylamine
Concen: 51.413 ng
RT: 10.586 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF143611.D
Acq: 28 Aug 2025 15:46

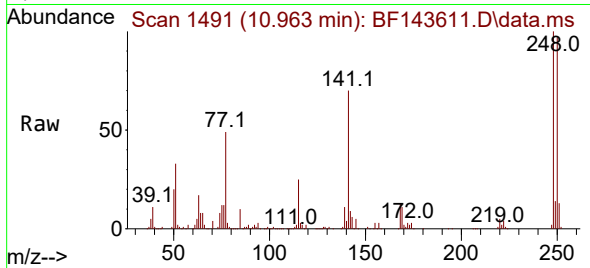
Tgt Ion:169 Resp: 632283
Ion Ratio Lower Upper
169 100
168 65.5 53.1 79.7
167 35.9 29.3 43.9





#67
4-Bromophenyl-phenylether
Concen: 53.232 ng
RT: 10.963 min Scan# 1491
Delta R.T. -0.000 min
Lab File: BF143611.D
Acq: 28 Aug 2025 15:46

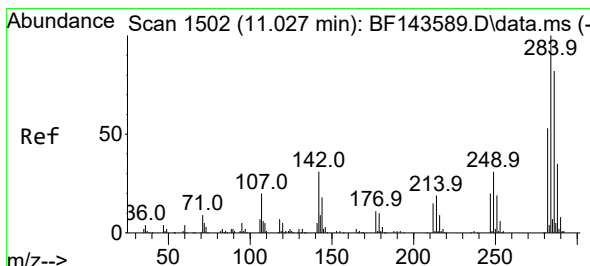
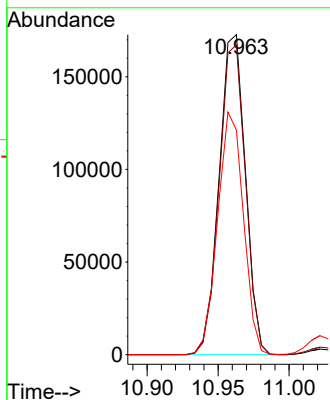
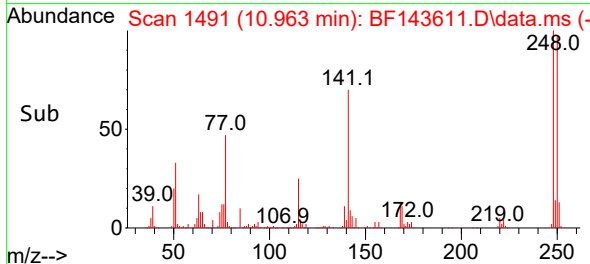
Instrument :
BNA_F
ClientSampleId :
BRIDGE-SOUTHMS



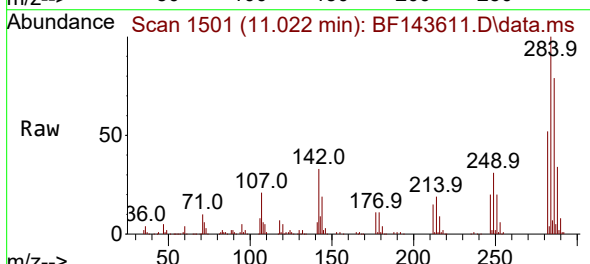
Tgt Ion:248 Resp: 222617
Ion Ratio Lower Upper
248 100
250 96.8 77.8 116.6
141 70.2 58.5 87.7

Manual Integrations
APPROVED

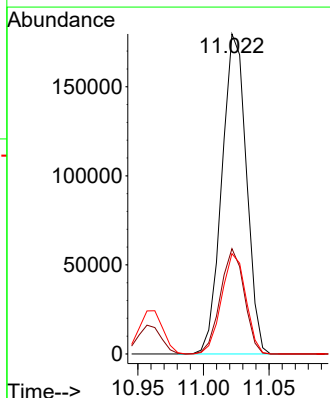
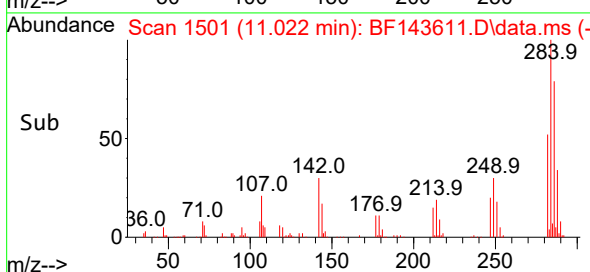
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

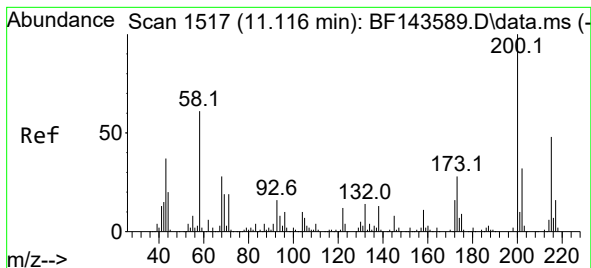


#68
Hexachlorobenzene
Concen: 52.219 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.005 min
Lab File: BF143611.D
Acq: 28 Aug 2025 15:46



Tgt Ion:284 Resp: 233593
Ion Ratio Lower Upper
284 100
142 32.9 24.7 37.1
249 31.3 25.0 37.6





#69

Atrazine

Concen: 55.943 ng

RT: 11.116 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF143611.D

Acq: 28 Aug 2025 15:46

Instrument :

BNA_F

ClientSampleId :

BRIDGE-SOUTHMS

Tgt Ion:200 Resp: 197762

Ion Ratio Lower Upper

200 100

173 26.9 7.6 47.6

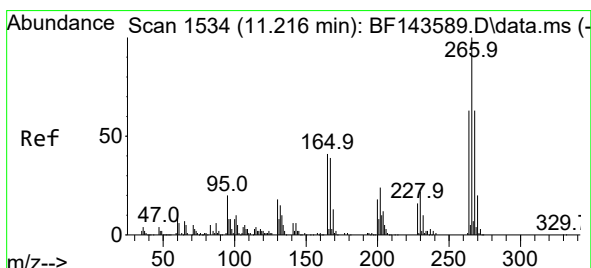
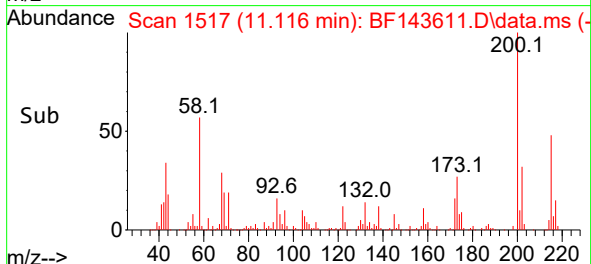
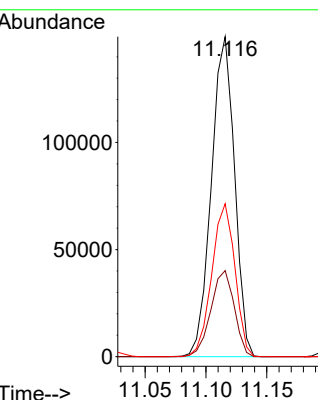
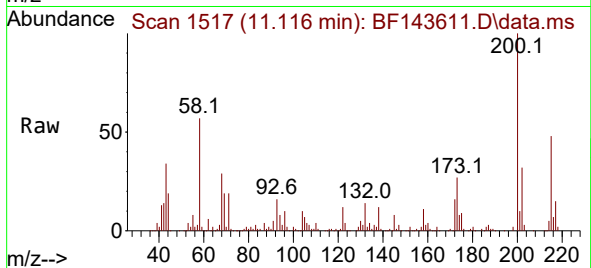
215 47.8 28.3 68.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#70

Pentachlorophenol

Concen: 108.638 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.000 min

Lab File: BF143611.D

Acq: 28 Aug 2025 15:46

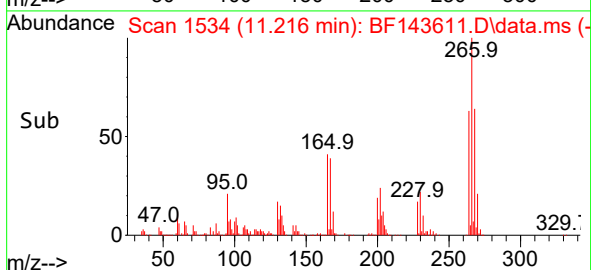
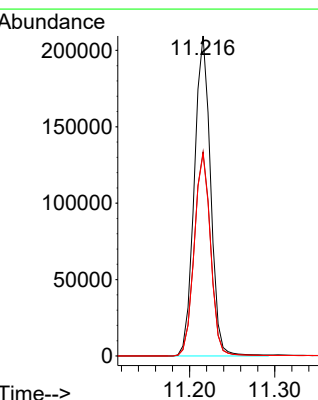
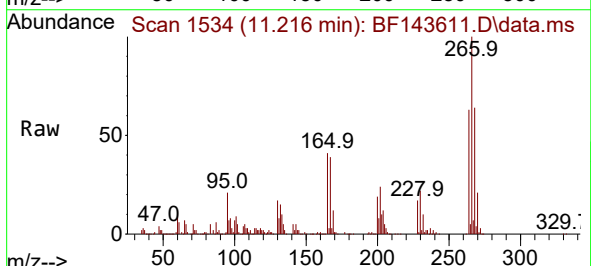
Tgt Ion:266 Resp: 277653

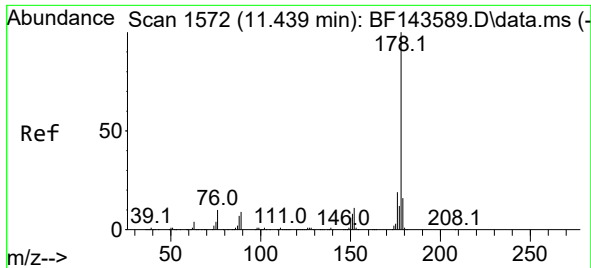
Ion Ratio Lower Upper

266 100

268 63.8 50.4 75.6

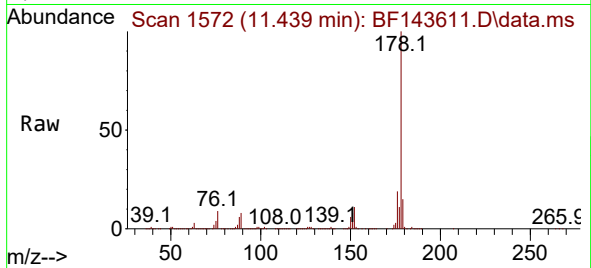
264 63.2 50.1 75.1





#71
Phenanthrene
Concen: 49.456 ng
RT: 11.439 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF143611.D
Acq: 28 Aug 2025 15:46

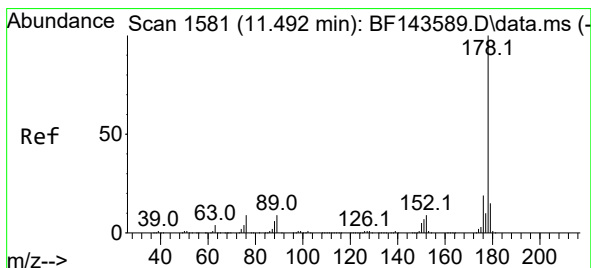
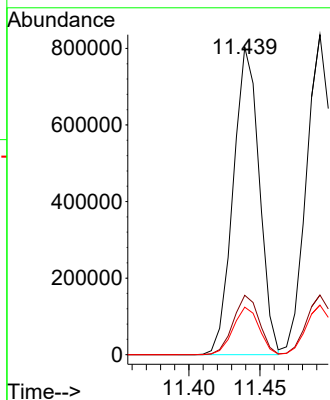
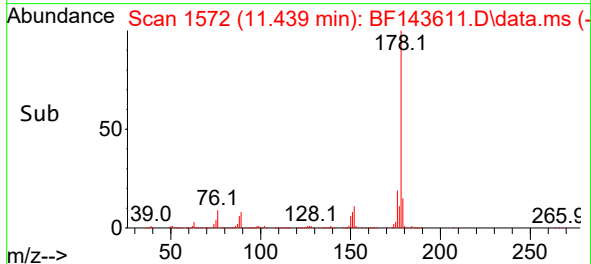
Instrument :
BNA_F
ClientSampleId :
BRIDGE-SOUTHMS



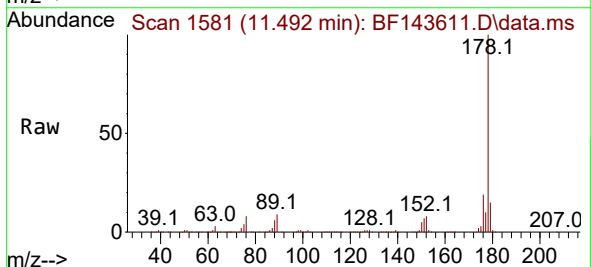
Tgt Ion:178 Resp: 1023784
Ion Ratio Lower Upper
178 100
176 19.3 15.6 23.4
179 15.5 12.5 18.7

Manual Integrations
APPROVED

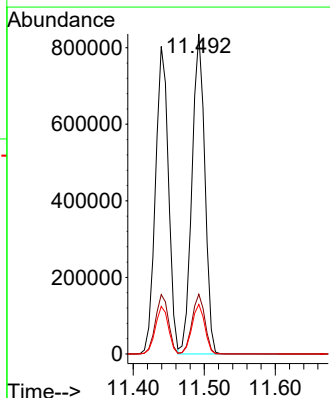
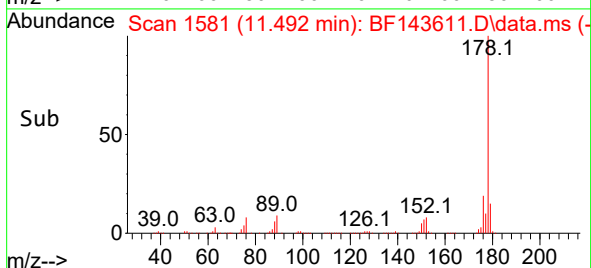
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

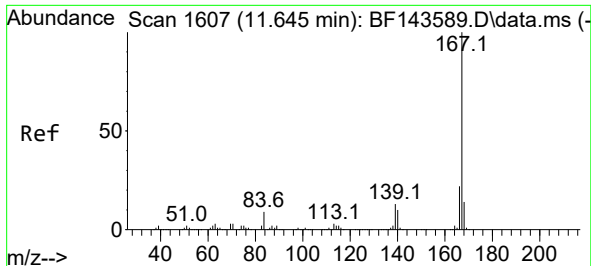


#72
Anthracene
Concen: 50.478 ng
RT: 11.492 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF143611.D
Acq: 28 Aug 2025 15:46



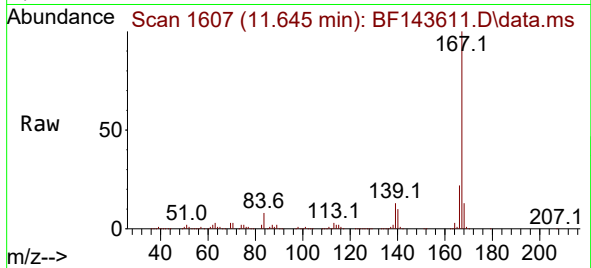
Tgt Ion:178 Resp: 1053058
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.6
179 15.5 12.4 18.6





#73
 Carbazole
 Concen: 49.684 ng
 RT: 11.645 min Scan# 1607
 Delta R.T. 0.000 min
 Lab File: BF143611.D
 Acq: 28 Aug 2025 15:46

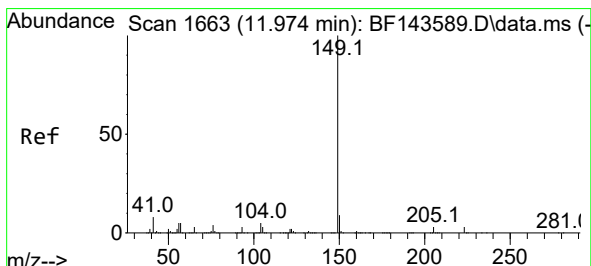
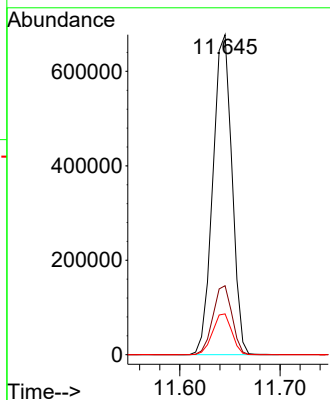
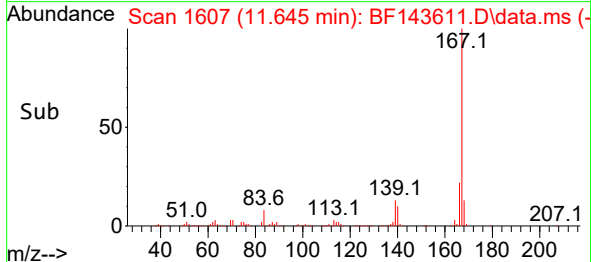
Instrument :
 BNA_F
 ClientSampleId :
 BRIDGE-SOUTHMS



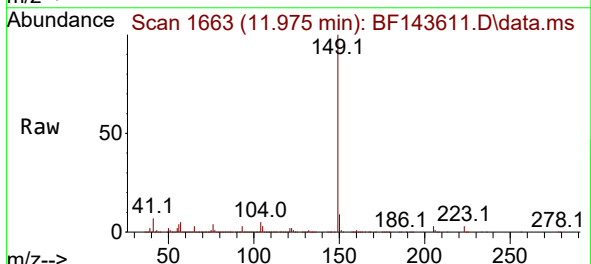
Tgt Ion:167 Resp: 895960
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.3 25.9
 139 12.8 10.4 15.6

Manual Integrations
 APPROVED

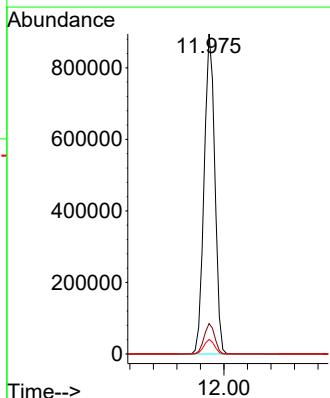
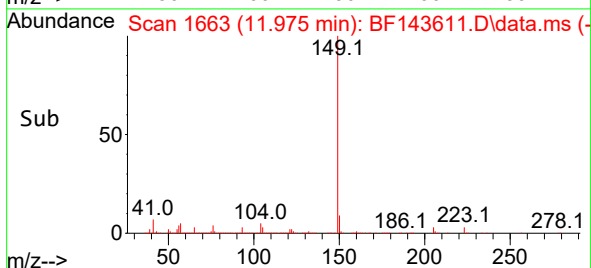
Reviewed By :Rahul Chavli 08/29/2025
 Supervised By :Jagrut Upadhyay 08/29/2025

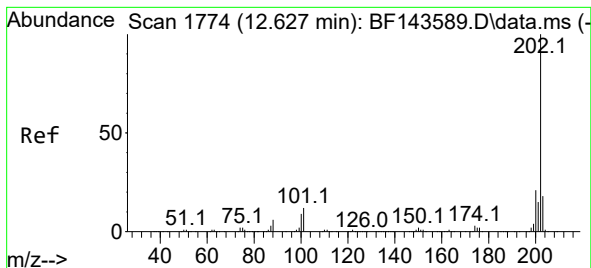


#74
 Di-n-butylphthalate
 Concen: 61.390 ng
 RT: 11.975 min Scan# 1663
 Delta R.T. 0.000 min
 Lab File: BF143611.D
 Acq: 28 Aug 2025 15:46



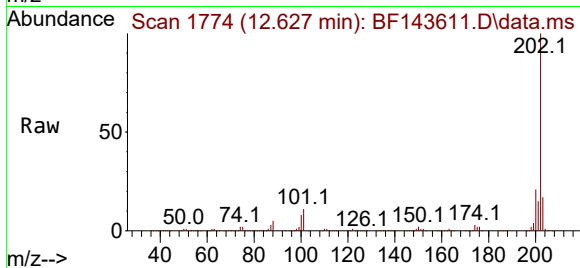
Tgt Ion:149 Resp: 1127588
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.4 11.2
 104 4.5 3.6 5.4





#75
Fluoranthene
Concen: 49.967 ng
RT: 12.627 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143611.D
Acq: 28 Aug 2025 15:46

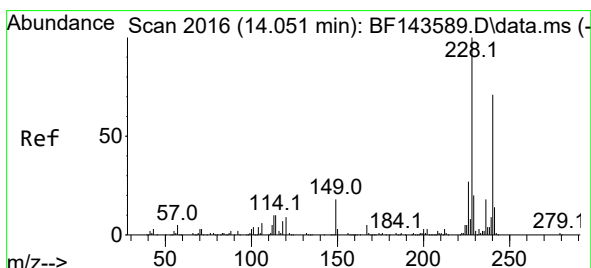
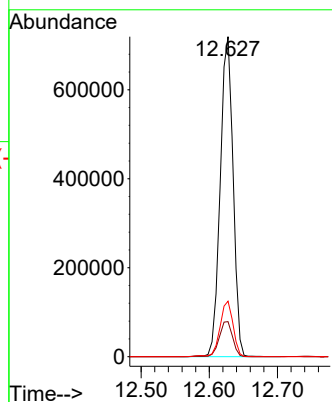
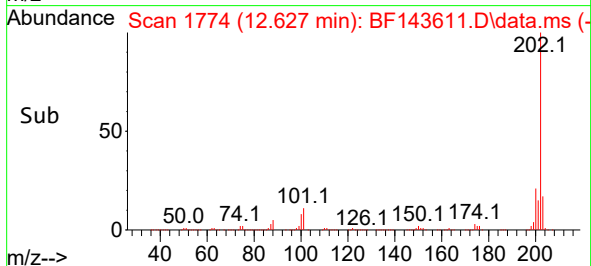
Instrument :
BNA_F
ClientSampleId :
BRIDGE-SOUTHMS



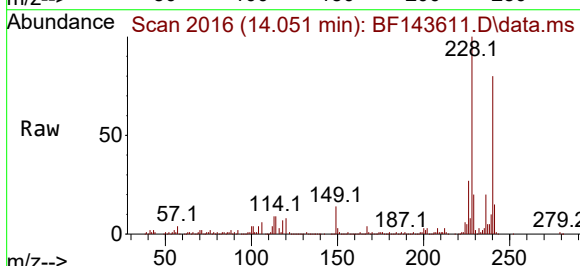
Tgt Ion:202 Resp: 94443
Ion Ratio Lower Upper
202 100
101 11.0 0.0 32.3
203 17.4 0.0 37.5

Manual Integrations
APPROVED

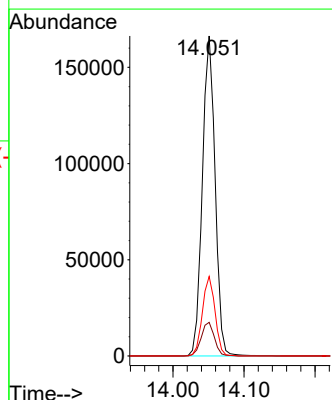
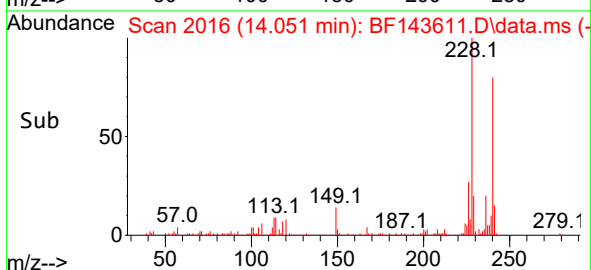
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

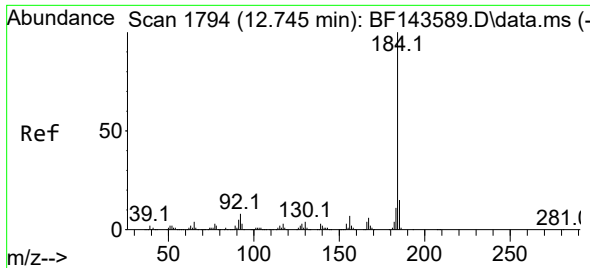


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF143611.D
Acq: 28 Aug 2025 15:46



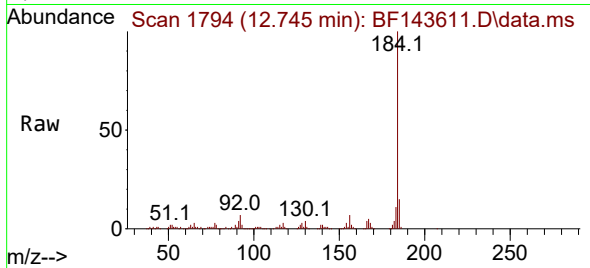
Tgt Ion:240 Resp: 207846
Ion Ratio Lower Upper
240 100
120 10.5 9.6 14.4
236 24.9 20.2 30.2





#77
Benzidine
Concen: 43.389 ng
RT: 12.745 min Scan# 1794
Delta R.T. 0.000 min
Lab File: BF143611.D
Acq: 28 Aug 2025 15:46

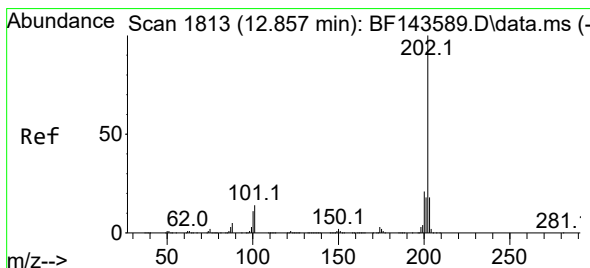
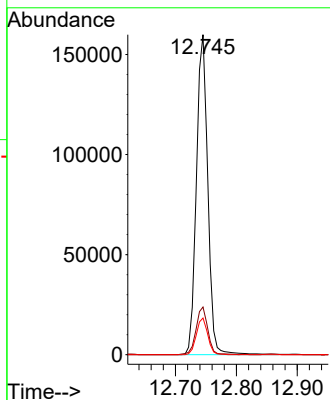
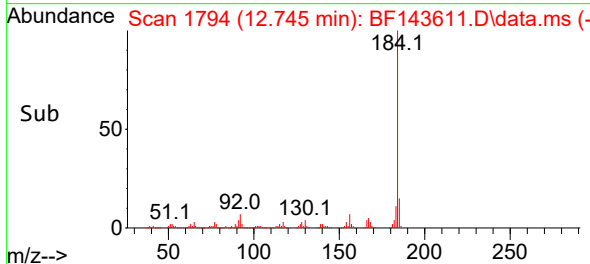
Instrument :
BNA_F
ClientSampleId :
BRIDGE-SOUTHMS



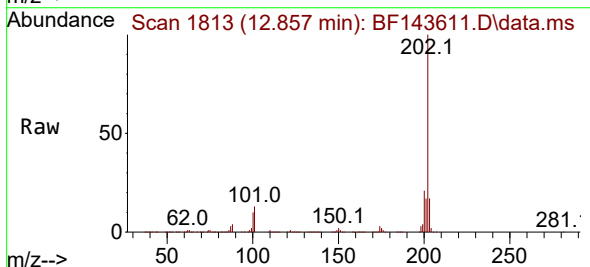
Tgt Ion:184 Resp: 207623
Ion Ratio Lower Upper
184 100
185 14.9 11.8 17.6
183 11.5 9.1 13.7

Manual Integrations
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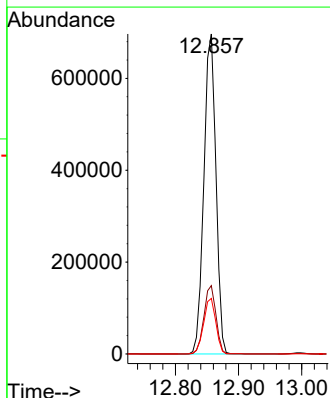
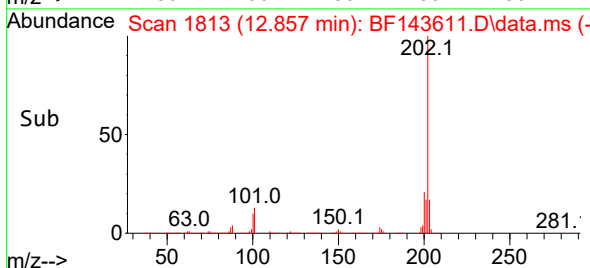
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

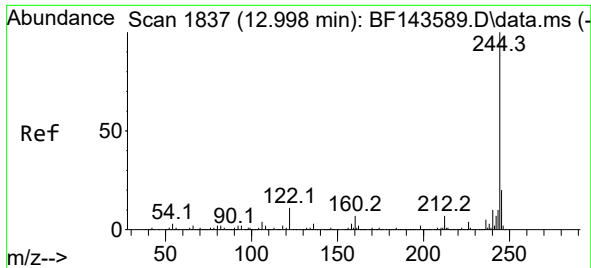


#78
Pyrene
Concen: 53.079 ng
RT: 12.857 min Scan# 1813
Delta R.T. -0.000 min
Lab File: BF143611.D
Acq: 28 Aug 2025 15:46



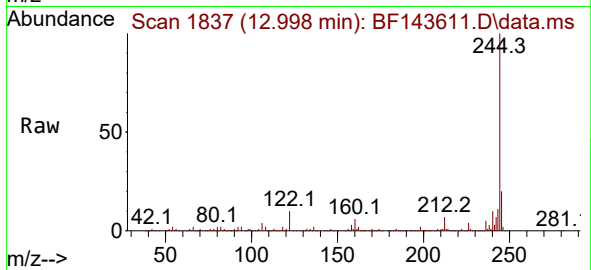
Tgt Ion:202 Resp: 923288
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.4
203 17.4 14.2 21.4





#79
Terphenyl-d14
Concen: 83.295 ng
RT: 12.998 min Scan# 1837
Delta R.T. 0.000 min
Lab File: BF143611.D
Acq: 28 Aug 2025 15:46

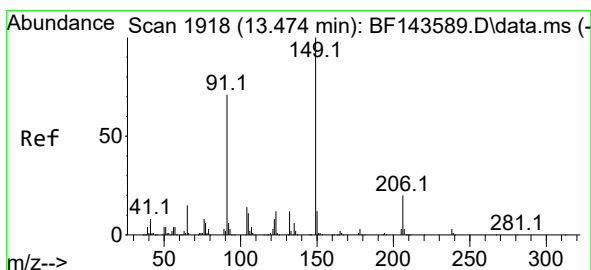
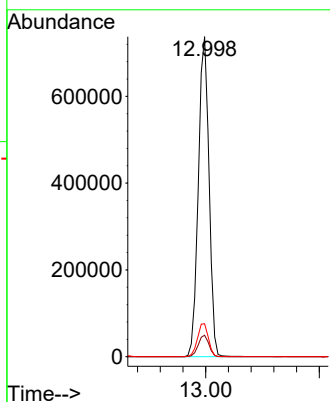
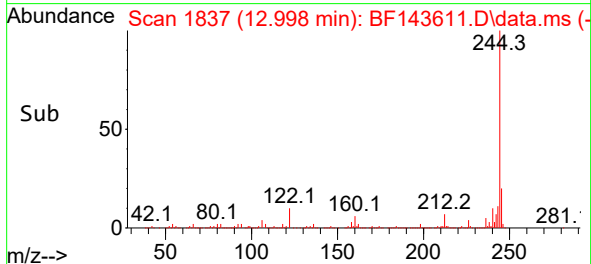
Instrument :
BNA_F
ClientSampleId :
BRIDGE-SOUTHMS



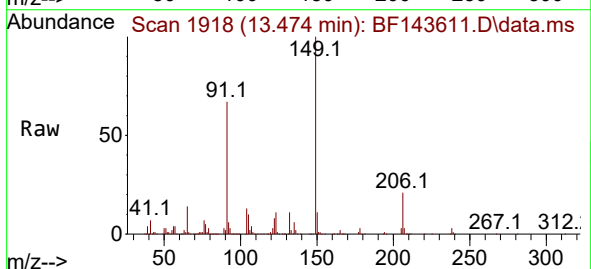
Tgt Ion:244 Resp: 964762
Ion Ratio Lower Upper
244 100
212 6.7 5.5 8.3
122 10.3 8.8 13.2

Manual Integrations
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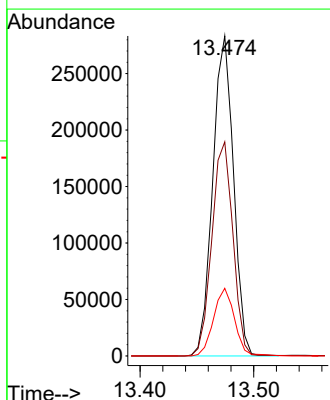
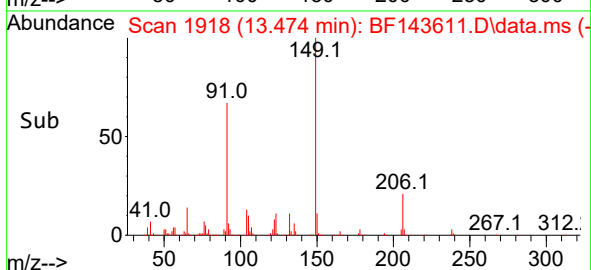
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

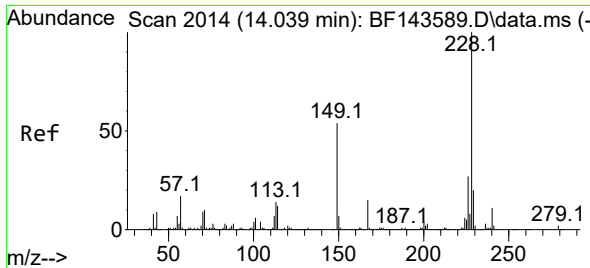


#80
Butylbenzylphthalate
Concen: 71.314 ng
RT: 13.474 min Scan# 1918
Delta R.T. 0.000 min
Lab File: BF143611.D
Acq: 28 Aug 2025 15:46



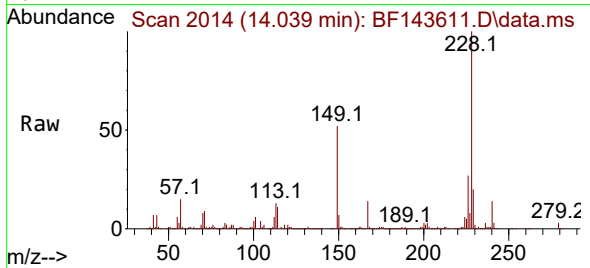
Tgt Ion:149 Resp: 359789
Ion Ratio Lower Upper
149 100
91 66.9 56.8 85.2
206 21.1 16.2 24.2





#81
Benzo(a)anthracene
Concen: 50.407 ng
RT: 14.039 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF143611.D
Acq: 28 Aug 2025 15:46

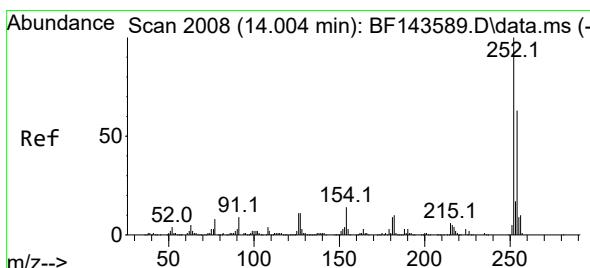
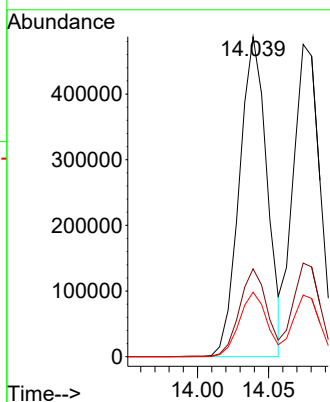
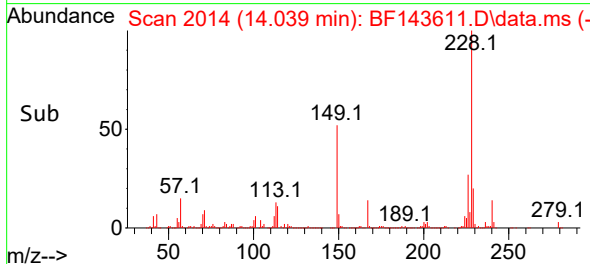
Instrument :
BNA_F
ClientSampleId :
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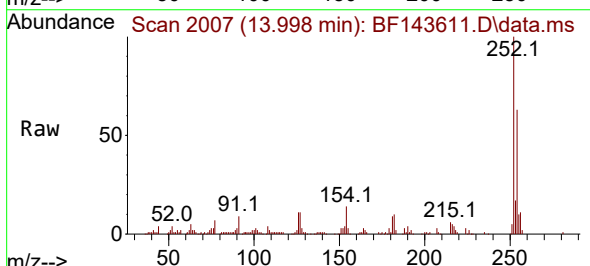
Tgt Ion:228 Resp: 65913
Ion Ratio Lower Upper
228 100
226 27.5 21.8 32.8
229 20.1 16.1 24.1

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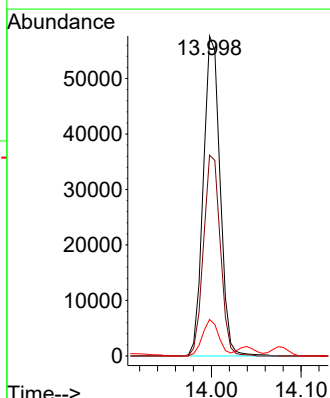
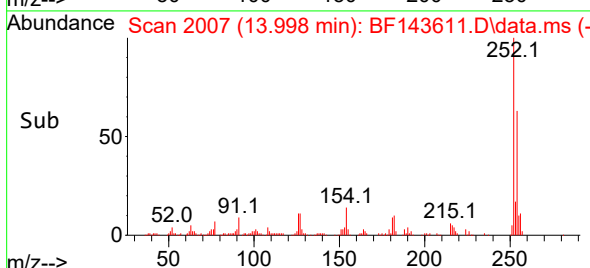
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

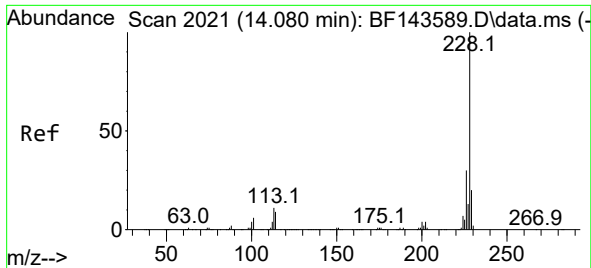


#82
3,3'-Dichlorobenzidine
Concen: 21.269 ng
RT: 13.998 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BF143611.D
Acq: 28 Aug 2025 15:46



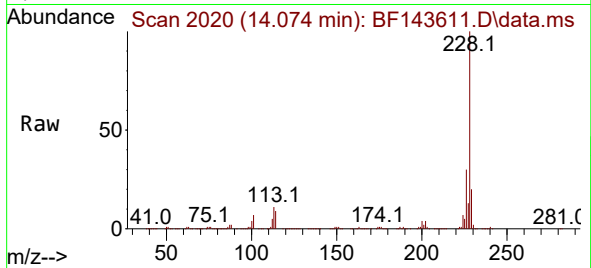
Tgt Ion:252 Resp: 74565
Ion Ratio Lower Upper
252 100
254 62.7 50.2 75.2
126 11.4 9.1 13.7





#83
Chrysene
Concen: 51.288 ng
RT: 14.074 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF143611.D
Acq: 28 Aug 2025 15:46

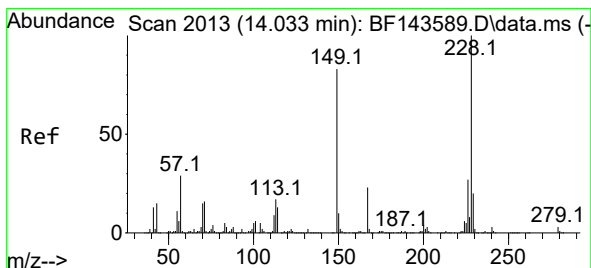
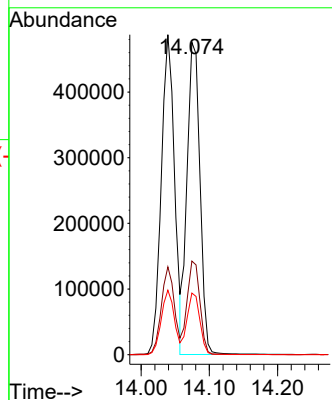
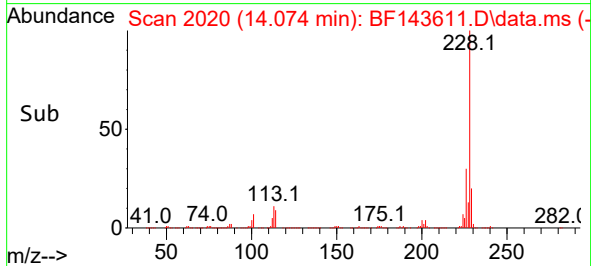
Instrument :
BNA_F
ClientSampleId :
BRIDGE-SOUTHMS



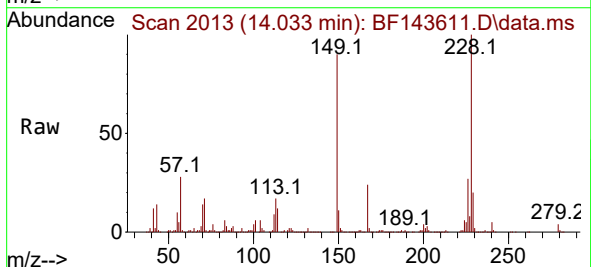
Tgt Ion:228 Resp: 625010
Ion Ratio Lower Upper
228 100
226 30.0 24.2 36.2
229 19.7 15.8 23.8

Manual Integrations
APPROVED

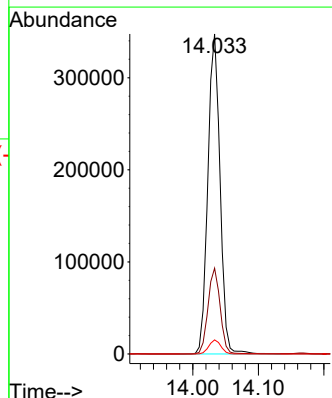
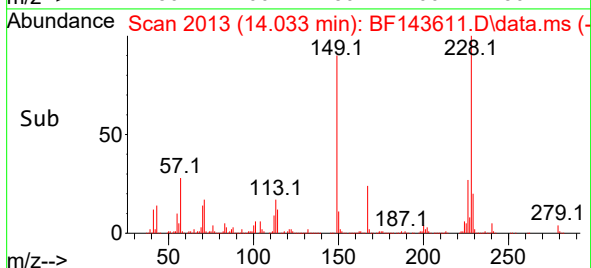
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

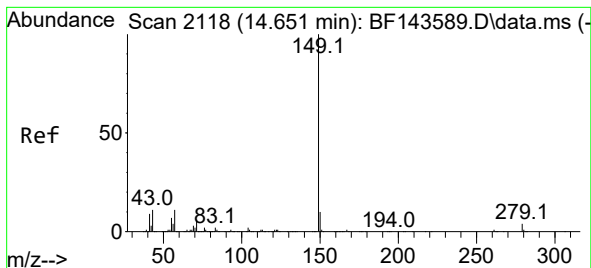


#84
Bis(2-ethylhexyl)phthalate
Concen: 69.095 ng
RT: 14.033 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF143611.D
Acq: 28 Aug 2025 15:46



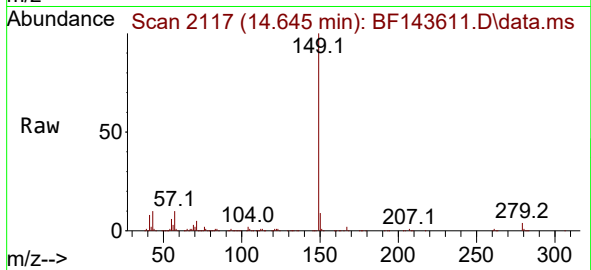
Tgt Ion:149 Resp: 449286
Ion Ratio Lower Upper
149 100
167 26.8 21.8 32.8
279 4.4 2.9 4.3#





#85
Di-n-octyl phthalate
Concen: 54.288 ng
RT: 14.645 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BF143611.D
Acq: 28 Aug 2025 15:46

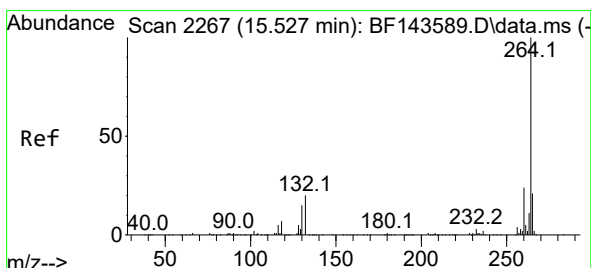
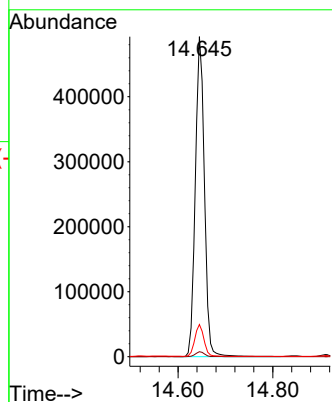
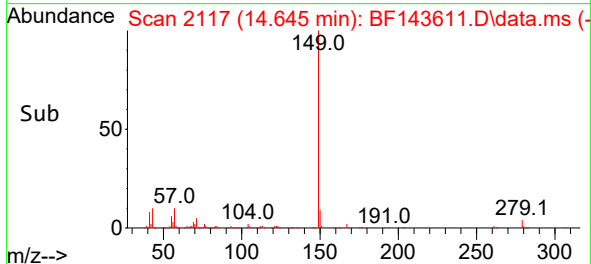
Instrument :
BNA_F
ClientSampleId :
BRIDGE-SOUTHMS



Tgt Ion:149 Resp: 657140
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.9 9.5 14.3

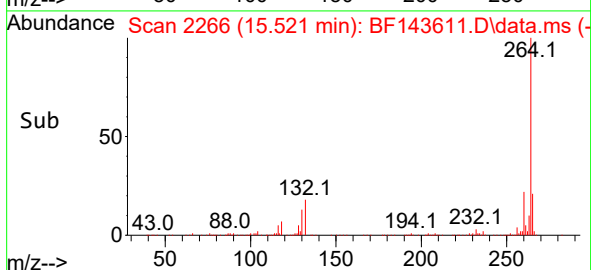
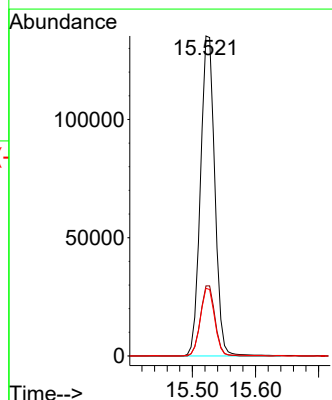
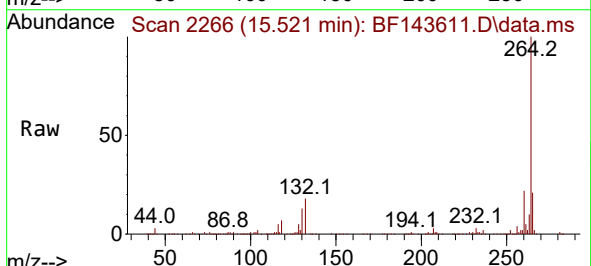
Manual Integrations
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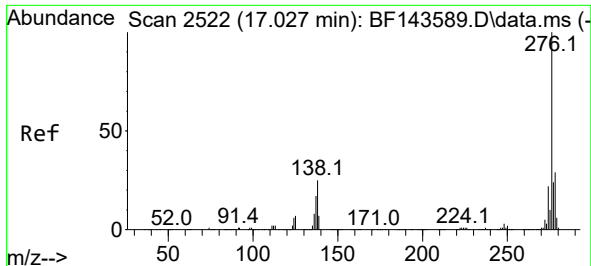
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2266
Delta R.T. -0.006 min
Lab File: BF143611.D
Acq: 28 Aug 2025 15:46

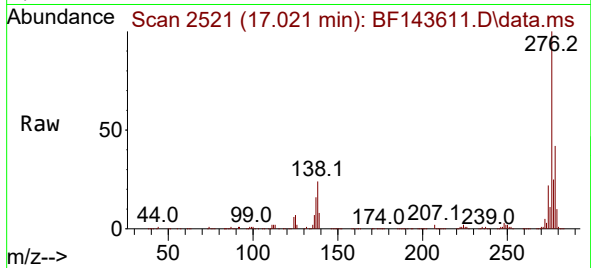
Tgt Ion:264 Resp: 212562
Ion Ratio Lower Upper
264 100
260 21.9 18.9 28.3
265 21.2 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 48.781 ng
RT: 17.021 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BF143611.D
Acq: 28 Aug 2025 15:46

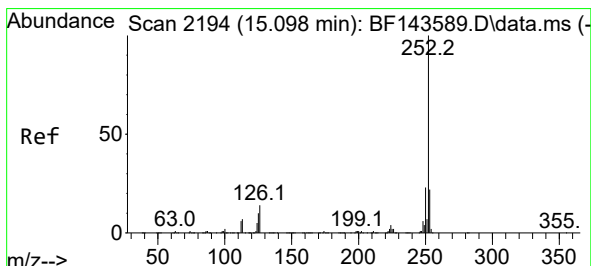
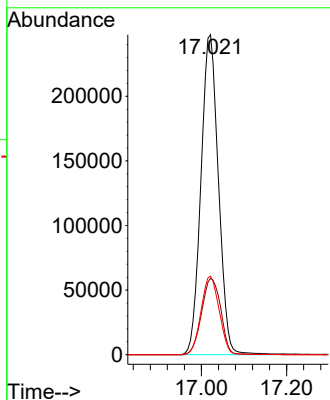
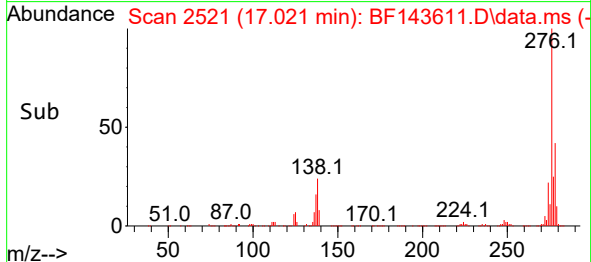
Instrument :
BNA_F
ClientSampleId :
BRIDGE-SOUTHMS



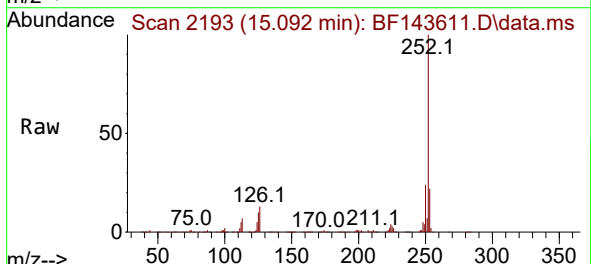
Tgt Ion:276 Resp: 705468
Ion Ratio Lower Upper
276 100
138 26.1 22.3 33.5
277 25.4 20.0 30.0

Manual Integrations
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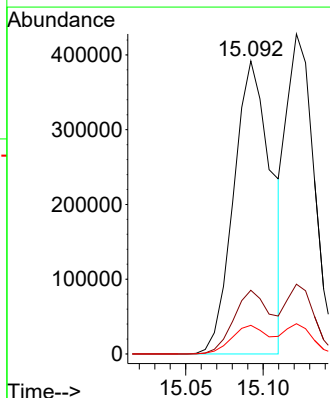
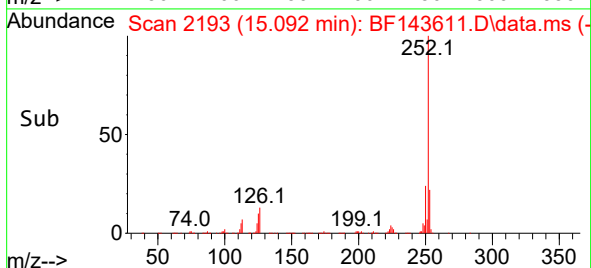
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

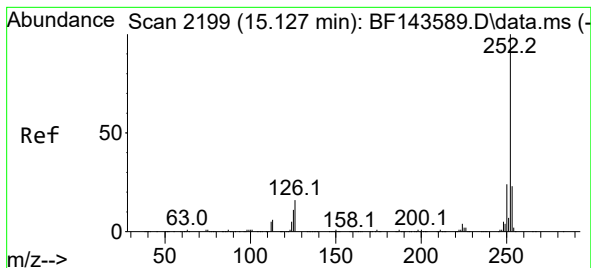


#88
Benzo(b)fluoranthene
Concen: 54.371 ng
RT: 15.092 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BF143611.D
Acq: 28 Aug 2025 15:46



Tgt Ion:252 Resp: 660338
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 9.8 8.2 12.2





#89

Benzo(k)fluoranthene

Concen: 47.053 ng

RT: 15.121 min Scan# 2199

Delta R.T. -0.006 min

Lab File: BF143611.D

Acq: 28 Aug 2025 15:46

Instrument :

BNA_F

ClientSampleId :

BRIDGE-SOUTHMS

Tgt Ion:252 Resp: 53431

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

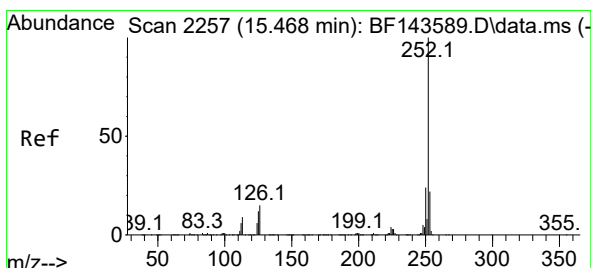
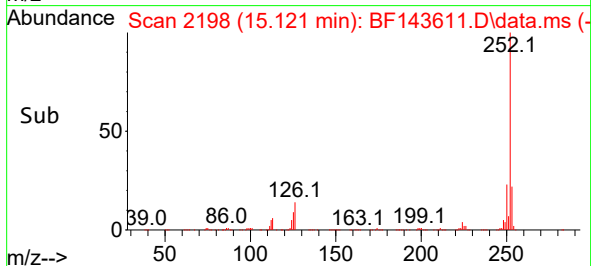
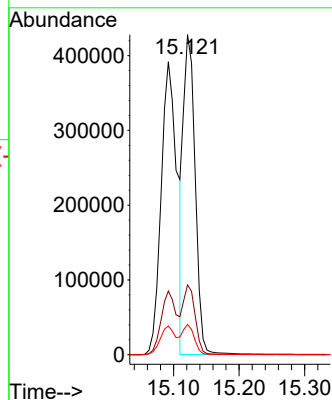
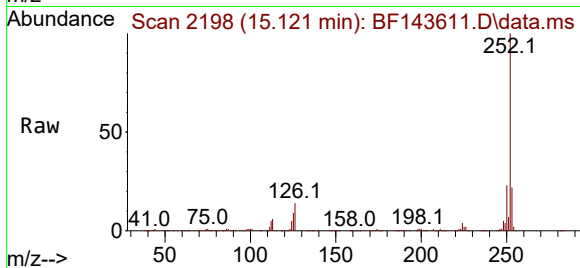
125 9.4 8.2 12.4

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#90

Benzo(a)pyrene

Concen: 54.588 ng

RT: 15.463 min Scan# 2256

Delta R.T. -0.006 min

Lab File: BF143611.D

Acq: 28 Aug 2025 15:46

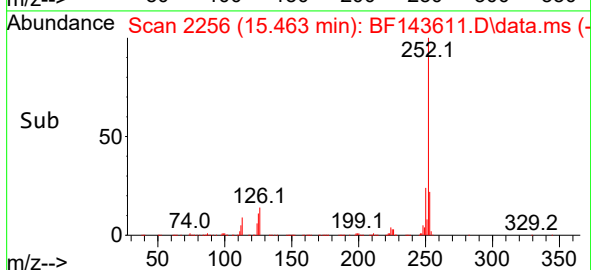
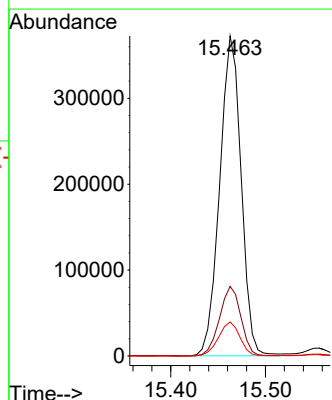
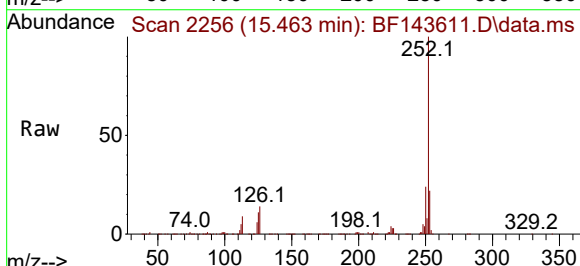
Tgt Ion:252 Resp: 585763

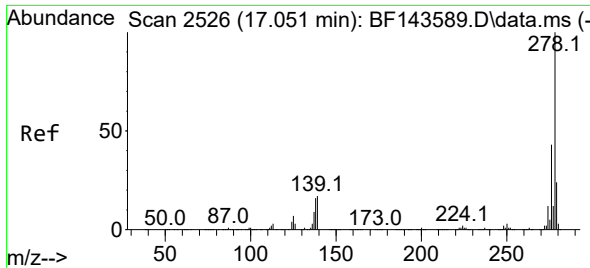
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

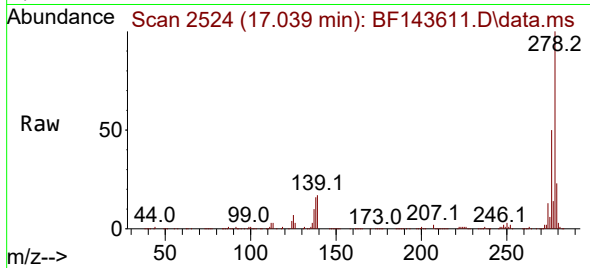
125 10.6 9.2 13.8





#91
Dibenzo(a,h)anthracene
Concen: 49.357 ng
RT: 17.039 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF143611.D
Acq: 28 Aug 2025 15:46

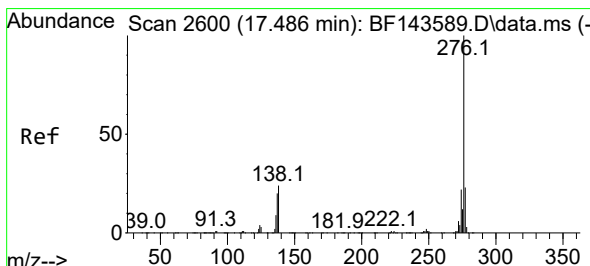
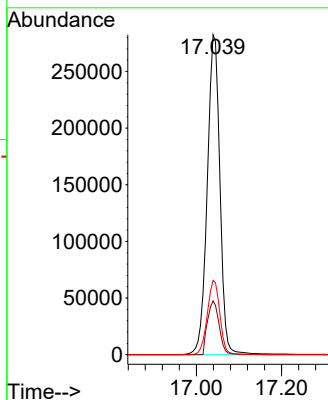
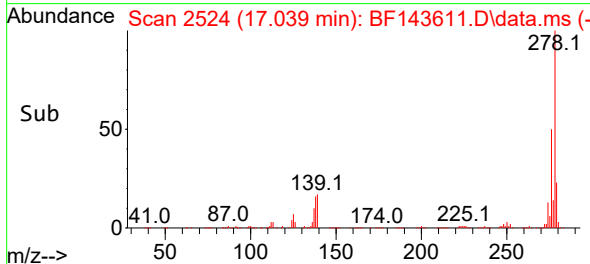
Instrument :
BNA_F
ClientSampleId :
BRIDGE-SOUTHMS



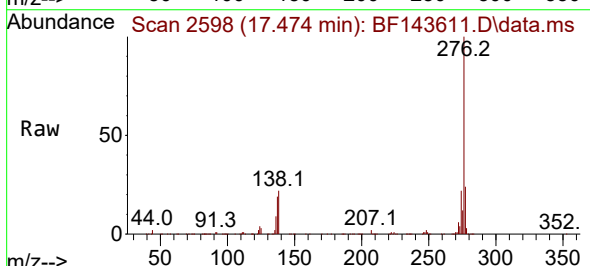
Tgt Ion:278 Resp: 584200
Ion Ratio Lower Upper
278 100
139 16.8 13.8 20.8
279 23.3 19.4 29.0

Manual Integrations
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Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#92
Benzo(g,h,i)perylene
Concen: 46.992 ng
RT: 17.474 min Scan# 2598
Delta R.T. -0.012 min
Lab File: BF143611.D
Acq: 28 Aug 2025 15:46



Tgt Ion:276 Resp: 550656
Ion Ratio Lower Upper
276 100
277 23.5 18.6 27.8
138 22.4 19.1 28.7

