

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
 Data File : BF143234.D
 Acq On : 24 Jul 2025 15:29
 Operator : RC/JU
 Sample : Q2668-04MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2MSD

Quant Time: Jul 24 15:59:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/25/2025
 Supervised By :Jagrut Upadhyay 07/25/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	109426	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	403271	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	187839	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	290285	20.000	ng	0.00
76) Chrysene-d12	14.121	240	267616	20.000	ng	0.00
86) Perylene-d12	15.627	264	264420	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.610	112	707839	102.364	ng	0.02
7) Phenol-d6	6.593	99	821956	94.438	ng	0.00
23) Nitrobenzene-d5	7.516	82	626468	77.436	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	230307	118.685	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1104474	80.415	ng	0.00
79) Terphenyl-d14	13.069	244	1091184	60.676	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.993	88	100385	30.680	ng	# 83
3) Pyridine	3.693	79	251041	29.560	ng	98
4) n-Nitrosodimethylamine	3.622	42	155992	35.576	ng	98
6) Aniline	6.622	93	149767	12.347	ng	93
8) 2-Chlorophenol	6.751	128	273302	37.706	ng	97
9) Benzaldehyde	6.510	77	110645	16.953	ng	98
10) Phenol	6.604	94	312270	32.934	ng	98
11) bis(2-Chloroethyl)ether	6.692	93	271947	37.459	ng	99
12) 1,3-Dichlorobenzene	6.904	146	278542	35.375	ng	99
13) 1,4-Dichlorobenzene	6.981	146	283532	35.757	ng	100
14) 1,2-Dichlorobenzene	7.134	146	272221	36.095	ng	99
15) Benzyl Alcohol	7.098	79	258125	38.841	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	490163	36.396	ng	99
17) 2-Methylphenol	7.210	107	230258	37.781	ng	99
18) Hexachloroethane	7.481	117	97407	35.484	ng	97
19) n-Nitroso-di-n-propyla...	7.369	70	207605	37.178	ng	99
20) 3+4-Methylphenols	7.357	107	280390	37.920	ng	# 83
22) Acetophenone	7.363	105	376271	39.410	ng	96
24) Nitrobenzene	7.540	77	298174	39.532	ng	99
25) Isophorone	7.775	82	563191	39.434	ng	99
26) 2-Nitrophenol	7.851	139	145113	44.330	ng	99
27) 2,4-Dimethylphenol	7.887	122	261452	39.183	ng	99
28) bis(2-Chloroethoxy)met...	7.981	93	339056	39.596	ng	99
29) 2,4-Dichlorophenol	8.092	162	227329	40.398	ng	99
30) 1,2,4-Trichlorobenzene	8.181	180	234960	38.649	ng	99
31) Naphthalene	8.263	128	776191	39.082	ng	100
32) Benzoic acid	7.969	122	95099m	27.750	ng	
33) 4-Chloroaniline	8.304	127	46309	5.710	ng	99
34) Hexachlorobutadiene	8.387	225	146825	39.536	ng	99
35) Caprolactam	8.657	113	60914	35.823	ng	98
36) 4-Chloro-3-methylphenol	8.786	107	239026	39.081	ng	99
37) 2-Methylnaphthalene	8.957	142	480301	39.742	ng	99
38) 1-Methylnaphthalene	9.051	142	491881	39.524	ng	100
40) 1,2,4,5-Tetrachloroben...	9.122	216	236698	43.646	ng	99
41) Hexachlorocyclopentadiene	9.110	237	206787	58.602	ng	98
43) 2,4,6-Trichlorophenol	9.228	196	162475	43.289	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
 Data File : BF143234.D
 Acq On : 24 Jul 2025 15:29
 Operator : RC/JU
 Sample : Q2668-04MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2MSD

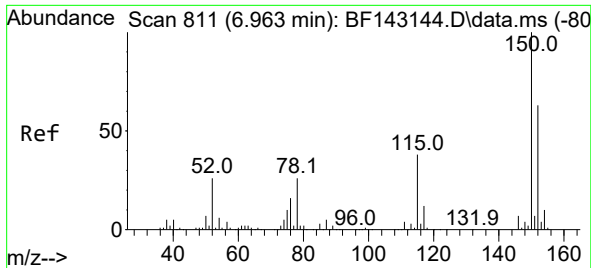
Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 07/25/2025
 Supervised By :Jagrut Upadhyay 07/25/2025

Quant Time: Jul 24 15:59:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

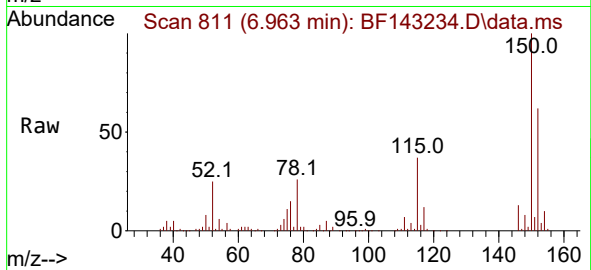
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	159643	42.522	ng	98
46) 1,1'-Biphenyl	9.416	154	653246	44.575	ng	99
47) 2-Chloronaphthalene	9.445	162	466428	43.014	ng	100
48) 2-Nitroaniline	9.534	65	154288	45.371	ng	98
49) Acenaphthylene	9.857	152	781757	43.019	ng	100
50) Dimethylphthalate	9.710	163	569583	46.520	ng	99
51) 2,6-Dinitrotoluene	9.769	165	115008	46.174	ng	98
52) Acenaphthene	10.033	154	454485	42.314	ng	99
53) 3-Nitroaniline	9.939	138	45535	15.630	ng	96
54) 2,4-Dinitrophenol	10.039	184	39493	38.734	ng	# 19
55) Dibenzofuran	10.204	168	678268	42.534	ng	99
56) 4-Nitrophenol	10.098	139	169535	77.928	ng	98
57) 2,4-Dinitrotoluene	10.175	165	147470	47.192	ng	96
58) Fluorene	10.545	166	506529	42.323	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	128690	41.380	ng	99
60) Diethylphthalate	10.416	149	537944	44.451	ng	99
61) 4-Chlorophenyl-phenyle...	10.533	204	256960	43.118	ng	97
62) 4-Nitroaniline	10.551	138	99945	40.028	ng	97
63) Azobenzene	10.698	77	525715	41.681	ng	99
65) 4,6-Dinitro-2-methylph...	10.580	198	37974	27.553	ng	96
66) n-Nitrosodiphenylamine	10.651	169	451570	44.177	ng	99
67) 4-Bromophenyl-phenylether	11.028	248	151798	43.880	ng	99
68) Hexachlorobenzene	11.098	284	153163	42.359	ng	99
69) Atrazine	11.175	200	137558	48.813	ng	99
70) Pentachlorophenol	11.286	266	159875	75.186	ng	98
71) Phenanthrene	11.510	178	678210	44.002	ng	100
72) Anthracene	11.563	178	692819	44.073	ng	100
73) Carbazole	11.710	167	646920	47.129	ng	100
74) Di-n-butylphthalate	12.039	149	799311	51.464	ng	100
75) Fluoranthene	12.698	202	753680	53.274	ng	99
77) Benzidine	12.810	184	239532	23.232	ng	98
78) Pyrene	12.927	202	777138	34.026	ng	100
80) Butylbenzylphthalate	13.539	149	346366	49.525	ng	98
81) Benzo(a)anthracene	14.116	228	784276	43.773	ng	99
82) 3,3'-Dichlorobenzidine	14.069	252	103133	17.271	ng	99
83) Chrysene	14.151	228	686286	42.603	ng	100
84) Bis(2-ethylhexyl)phtha...	14.098	149	497523	46.999	ng	99
85) Di-n-octyl phthalate	14.710	149	872775	45.485	ng	99
87) Indeno(1,2,3-cd)pyrene	17.162	276	542663	29.105	ng	99
88) Benzo(b)fluoranthene	15.180	252	788712	48.826	ng	99
89) Benzo(k)fluoranthene	15.215	252	700207	48.576	ng	99
90) Benzo(a)pyrene	15.563	252	683229	45.906	ng	100
91) Dibenzo(a,h)anthracene	17.180	278	448469	29.551	ng	99
92) Benzo(g,h,i)perylene	17.627	276	395648	26.951	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF143234.D
Acq: 24 Jul 2025 15:29

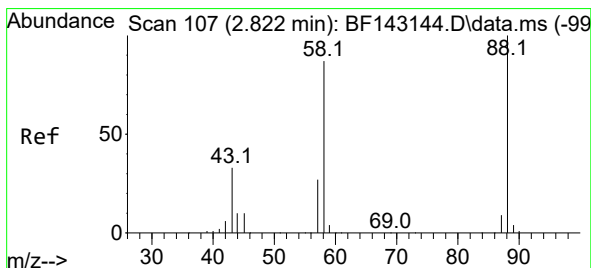
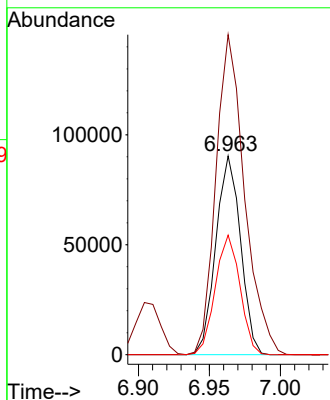
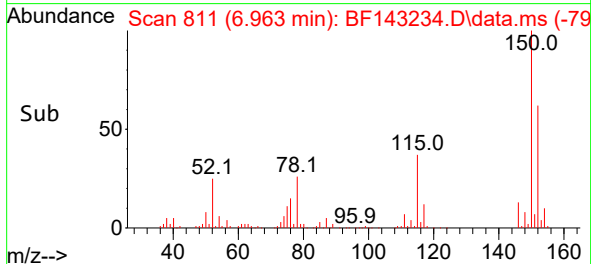
Instrument :
BNA_F
ClientSampleId :
TP-2MSD



Tgt Ion:152 Resp: 109420
Ion Ratio Lower Upper
152 100
150 161.0 128.2 192.4
115 60.2 47.9 71.9

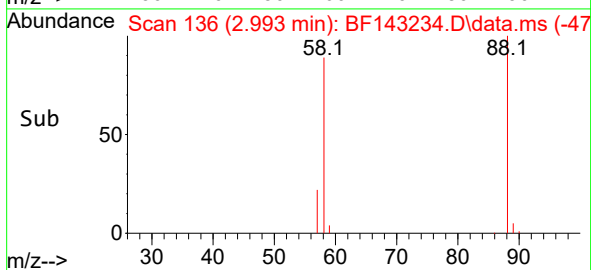
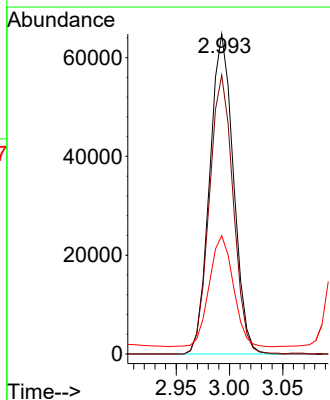
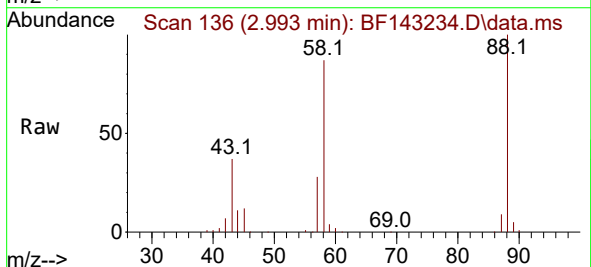
Manual Integrations
APPROVED

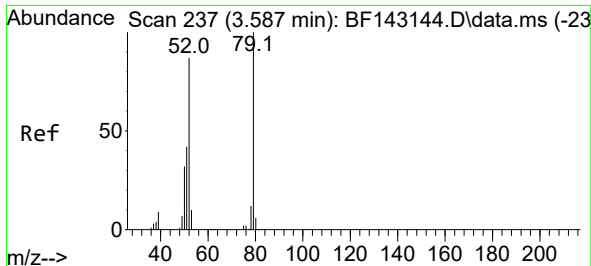
Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025



#2
1,4-Dioxane
Concen: 30.680 ng
RT: 2.993 min Scan# 136
Delta R.T. 0.171 min
Lab File: BF143234.D
Acq: 24 Jul 2025 15:29

Tgt Ion: 88 Resp: 100385
Ion Ratio Lower Upper
88 100
58 87.5 70.2 105.2
43 0.0 27.1 40.7#





#3

Pyridine

Concen: 29.560 ng

RT: 3.693 min Scan# 21

Delta R.T. 0.106 min

Lab File: BF143234.D

Acq: 24 Jul 2025 15:29

Instrument :

BNA_F

ClientSampleId :

TP-2MSD

Tgt Ion: 79 Resp: 25104

Ion Ratio Lower Upper

79 100

52 84.5 69.4 104.2

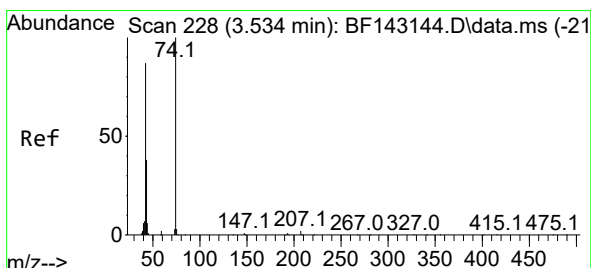
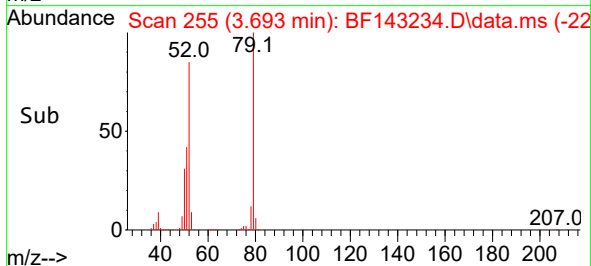
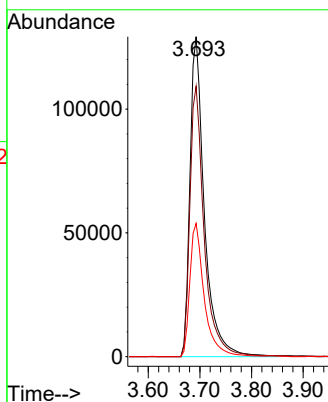
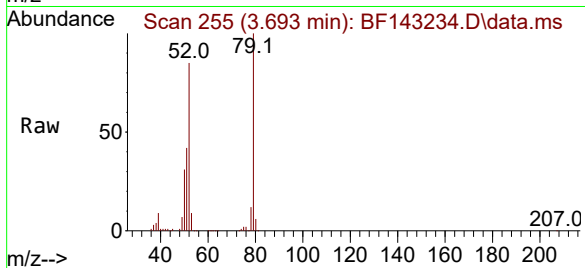
51 41.6 33.5 50.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/25/2025

Supervised By :Jagrut Upadhyay 07/25/2025



#4

n-Nitrosodimethylamine

Concen: 35.576 ng

RT: 3.622 min Scan# 243

Delta R.T. 0.088 min

Lab File: BF143234.D

Acq: 24 Jul 2025 15:29

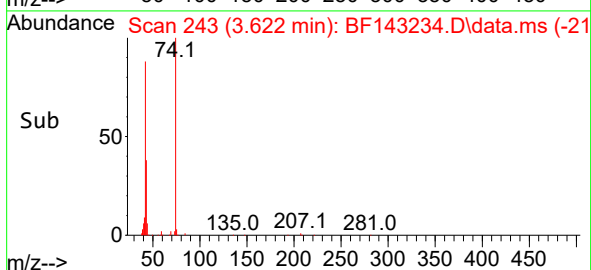
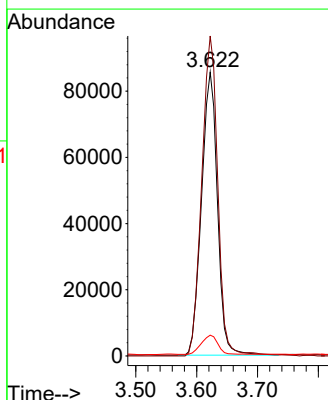
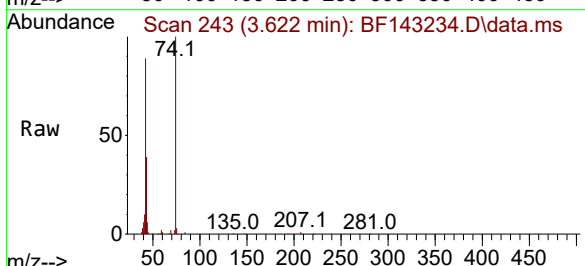
Tgt Ion: 42 Resp: 155992

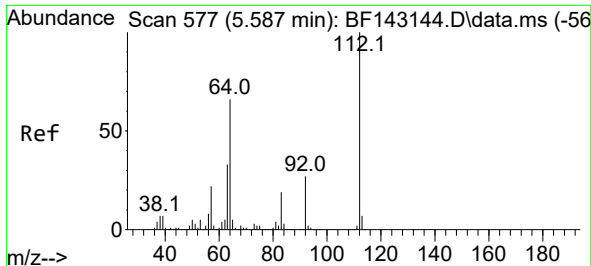
Ion Ratio Lower Upper

42 100

74 112.8 91.7 137.5

44 7.3 5.6 8.4





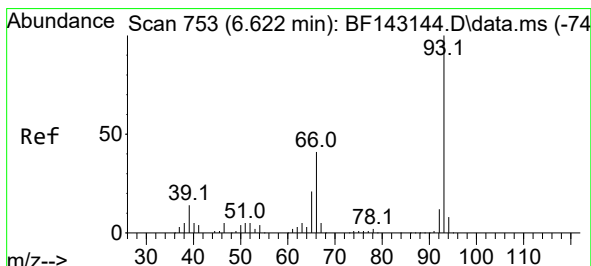
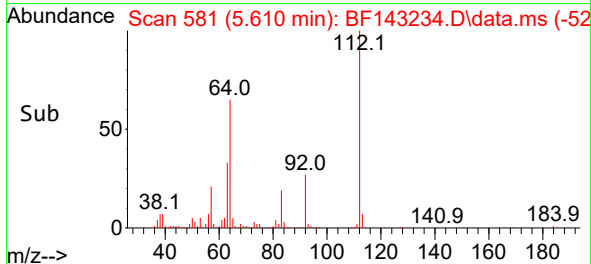
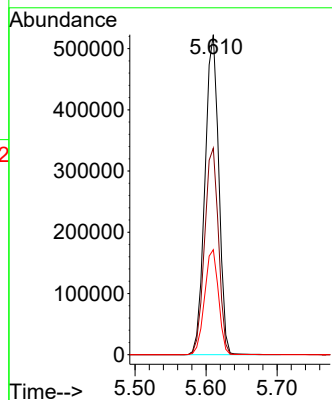
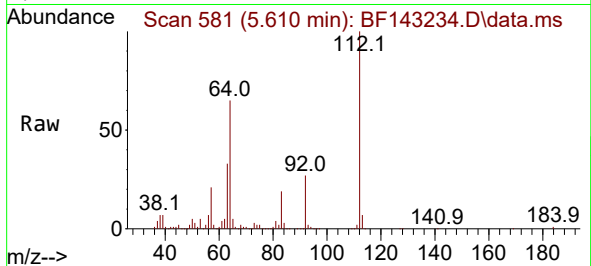
#5
2-Fluorophenol
Concen: 102.364 ng
RT: 5.610 min Scan# 581
Delta R.T. 0.024 min
Lab File: BF143234.D
Acq: 24 Jul 2025 15:29

Instrument :
BNA_F
ClientSampleId :
TP-2MSD

Tgt Ion:112 Resp: 707839
Ion Ratio Lower Upper
112 100
64 64.5 53.1 79.7
63 32.8 26.6 40.0

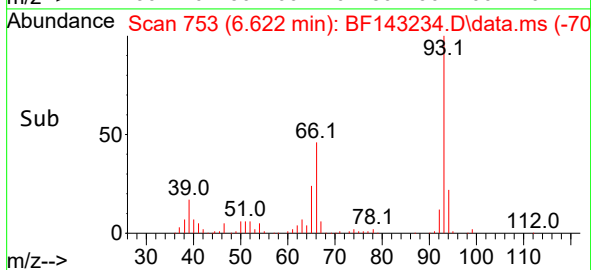
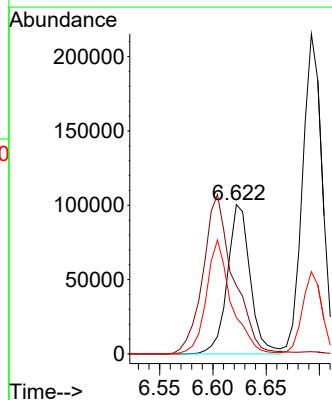
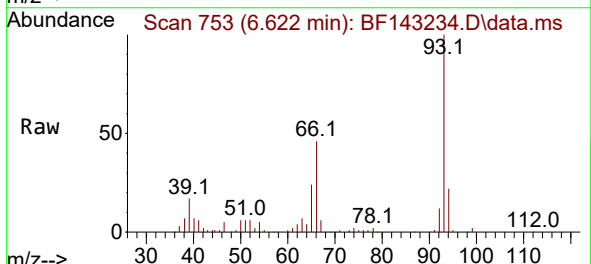
Manual Integrations
APPROVED

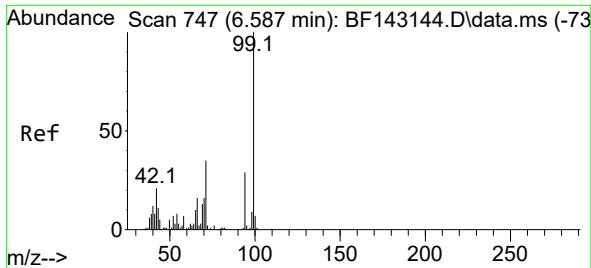
Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025



#6
Aniline
Concen: 12.347 ng
RT: 6.622 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF143234.D
Acq: 24 Jul 2025 15:29

Tgt Ion: 93 Resp: 149767
Ion Ratio Lower Upper
93 100
66 45.8 33.2 49.8
65 24.3 16.9 25.3





#7

Phenol-d6

Concen: 94.438 ng

RT: 6.593 min Scan# 747

Delta R.T. 0.006 min

Lab File: BF143234.D

Acq: 24 Jul 2025 15:29

Instrument :

BNA_F

ClientSampleId :

TP-2MSD

Tgt Ion: 99 Resp: 821950

Ion Ratio Lower Upper

99 100

42 21.5 17.0 25.6

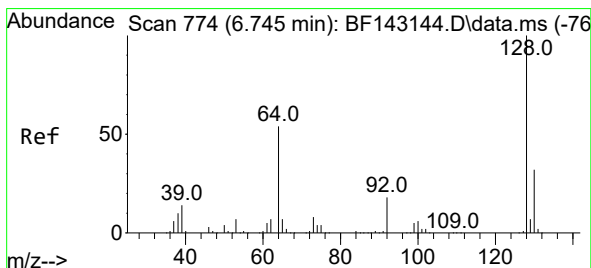
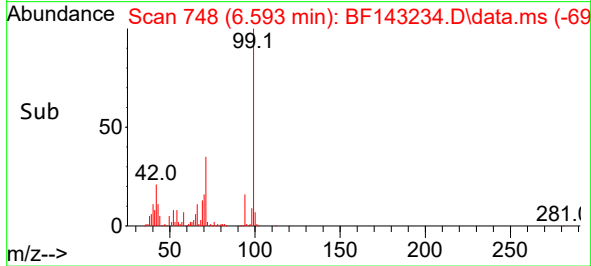
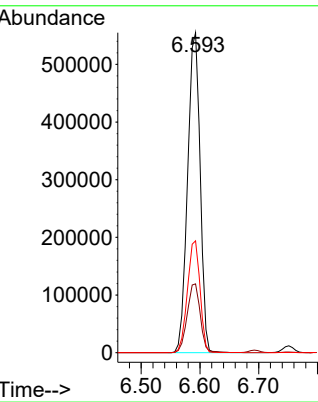
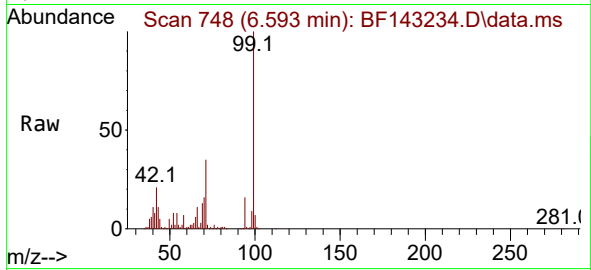
71 34.9 27.7 41.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/25/2025

Supervised By :Jagrut Upadhyay 07/25/2025



#8

2-Chlorophenol

Concen: 37.706 ng

RT: 6.751 min Scan# 775

Delta R.T. 0.006 min

Lab File: BF143234.D

Acq: 24 Jul 2025 15:29

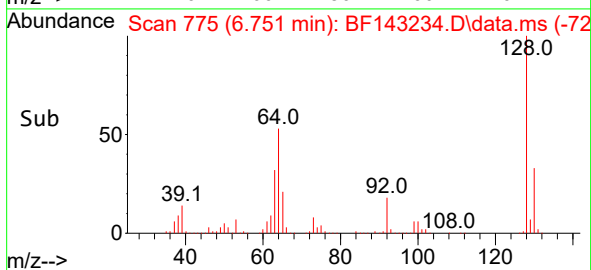
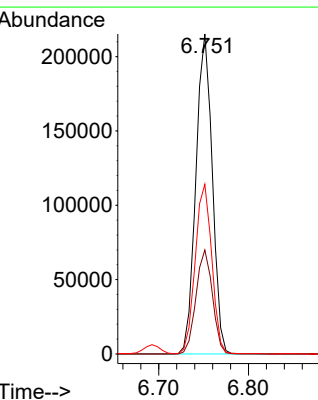
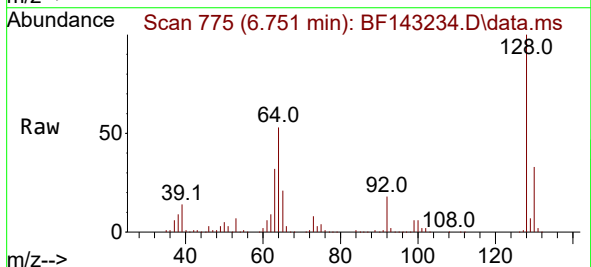
Tgt Ion:128 Resp: 273302

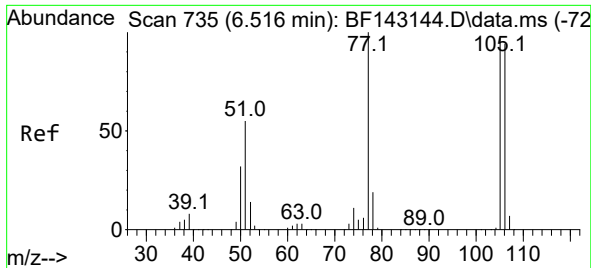
Ion Ratio Lower Upper

128 100

130 32.5 12.3 52.3

64 53.0 35.9 75.9





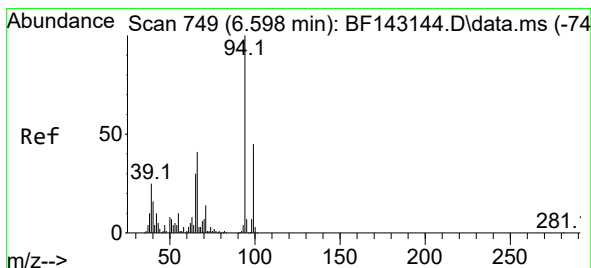
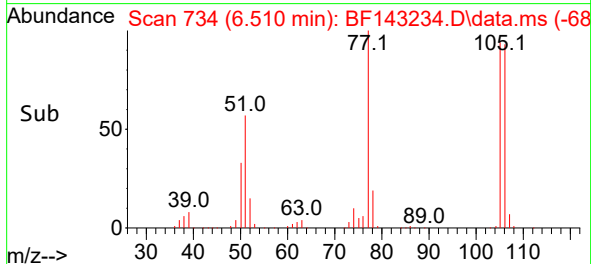
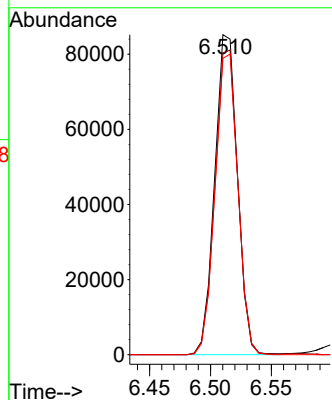
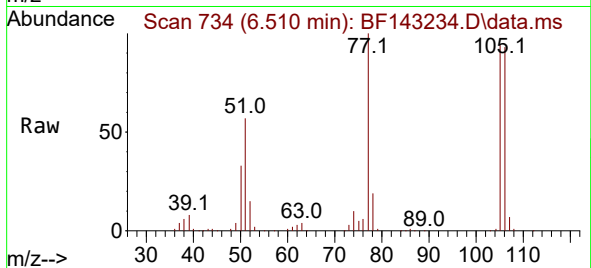
#9
Benzaldehyde
Concen: 16.953 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF143234.D
Acq: 24 Jul 2025 15:29

Instrument :
BNA_F
ClientSampleId :
TP-2MSD

Tgt Ion: 77 Resp: 11064
Ion Ratio Lower Upper
77 100
105 94.2 76.8 116.8
106 92.6 74.4 114.4

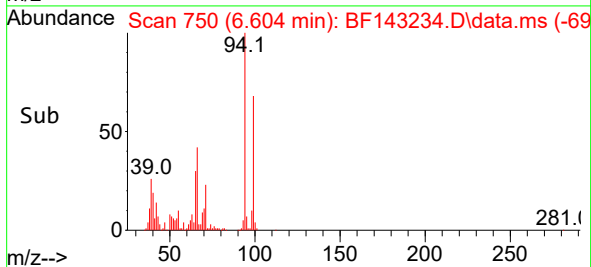
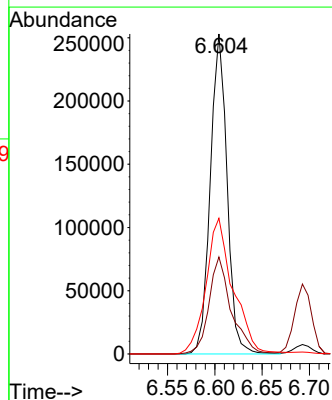
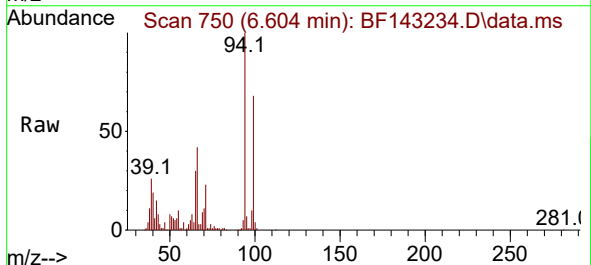
Manual Integrations
APPROVED

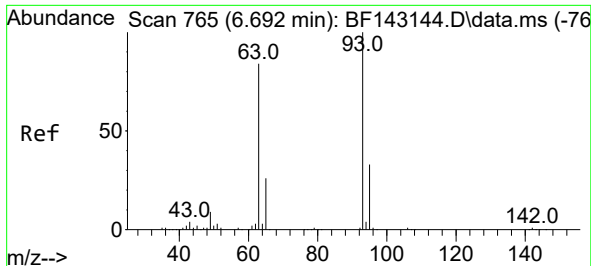
Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025



#10
Phenol
Concen: 32.934 ng
RT: 6.604 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF143234.D
Acq: 24 Jul 2025 15:29

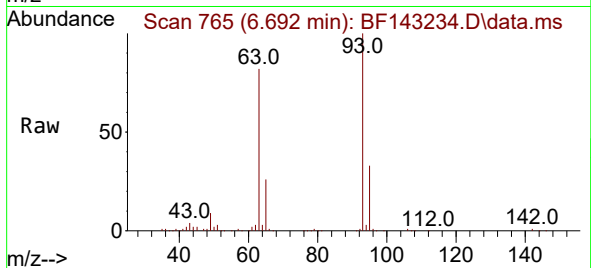
Tgt Ion: 94 Resp: 312270
Ion Ratio Lower Upper
94 100
65 30.3 10.0 50.0
66 42.4 20.8 60.8





#11
bis(2-Chloroethyl)ether
Concen: 37.459 ng
RT: 6.692 min Scan# 765
Delta R.T. 0.000 min
Lab File: BF143234.D
Acq: 24 Jul 2025 15:29

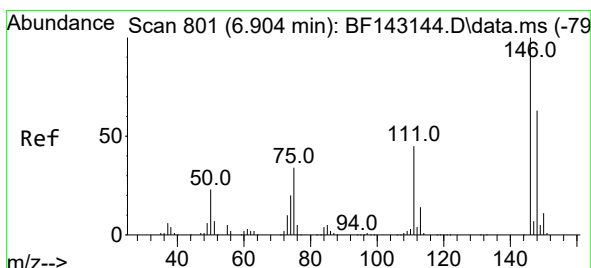
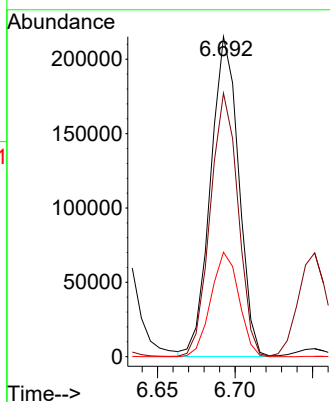
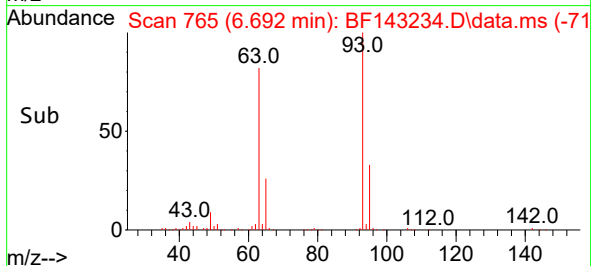
Instrument :
BNA_F
ClientSampleId :
TP-2MSD



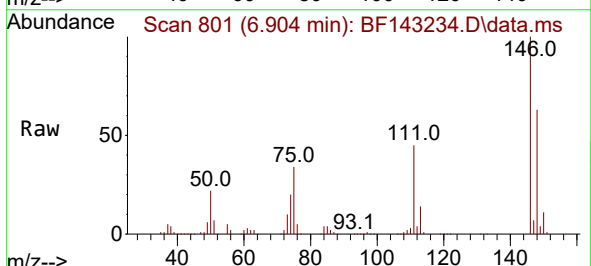
Tgt Ion: 93 Resp: 27194
Ion Ratio Lower Upper
93 100
63 82.3 63.4 103.4
95 32.7 12.4 52.4

Manual Integrations
APPROVED

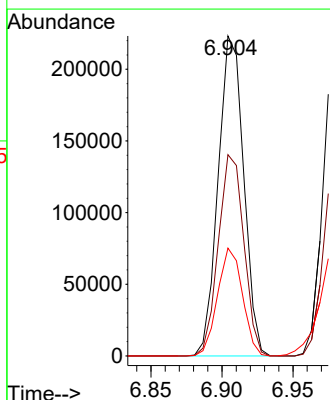
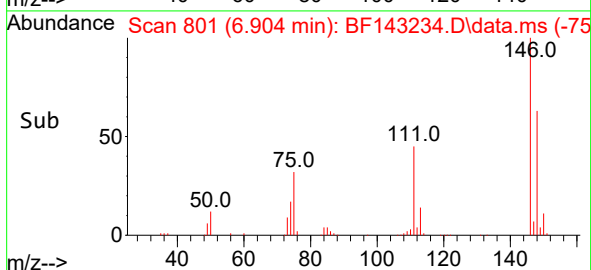
Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025

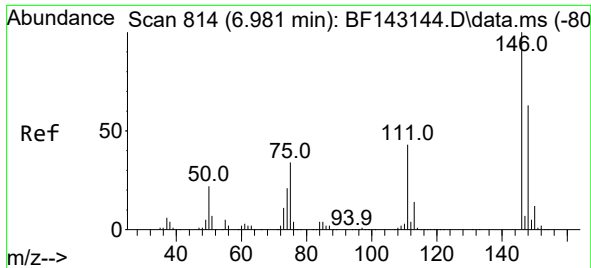


#12
1,3-Dichlorobenzene
Concen: 35.375 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF143234.D
Acq: 24 Jul 2025 15:29



Tgt Ion:146 Resp: 278542
Ion Ratio Lower Upper
146 100
148 62.9 50.6 76.0
75 33.7 27.4 41.2





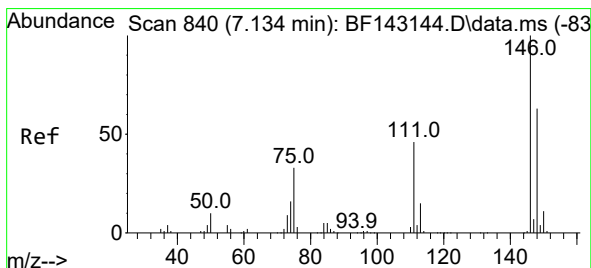
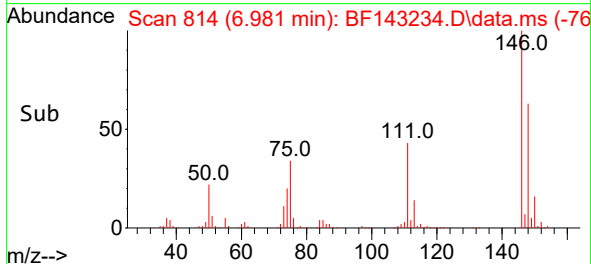
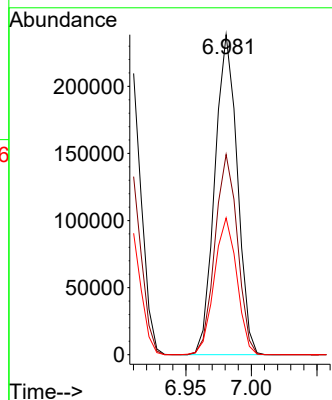
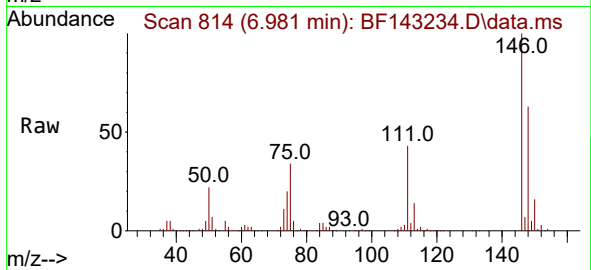
#13
1,4-Dichlorobenzene
Concen: 35.757 ng
RT: 6.981 min Scan# 814
Delta R.T. 0.000 min
Lab File: BF143234.D
Acq: 24 Jul 2025 15:29

Instrument :
BNA_F
ClientSampleId :
TP-2MSD

Tgt Ion:146 Resp: 28353
Ion Ratio Lower Upper
146 100
148 62.5 50.3 75.5
111 42.7 34.4 51.6

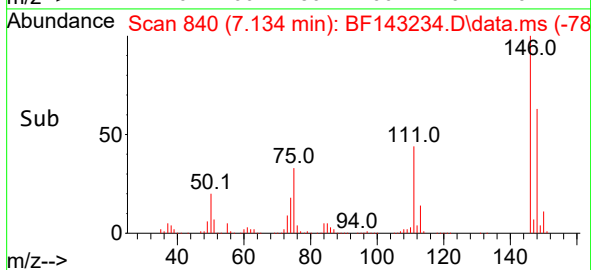
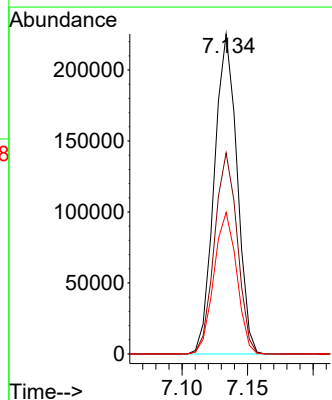
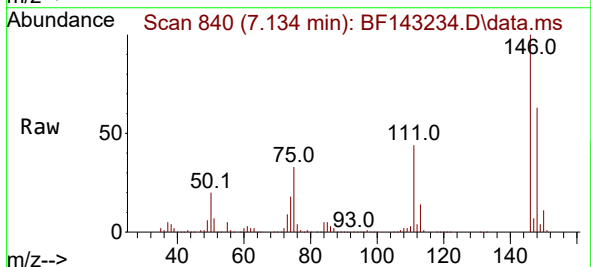
Manual Integrations
APPROVED

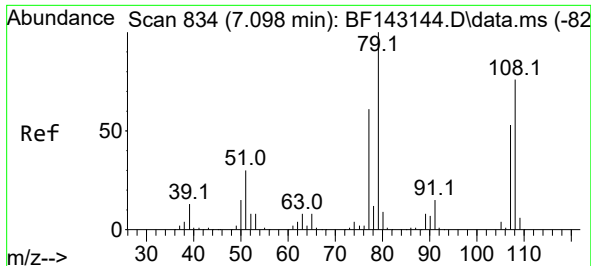
Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025



#14
1,2-Dichlorobenzene
Concen: 36.095 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143234.D
Acq: 24 Jul 2025 15:29

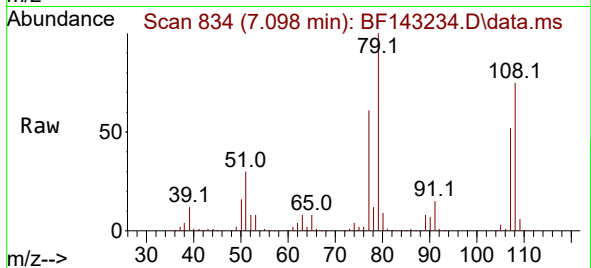
Tgt Ion:146 Resp: 272221
Ion Ratio Lower Upper
146 100
148 62.8 50.7 76.1
111 44.3 36.6 54.8





#15
Benzyl Alcohol
Concen: 38.841 ng
RT: 7.098 min Scan# 834
Delta R.T. 0.000 min
Lab File: BF143234.D
Acq: 24 Jul 2025 15:29

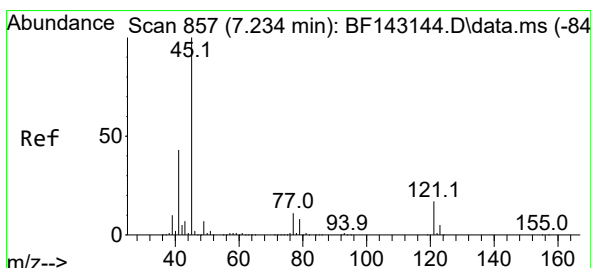
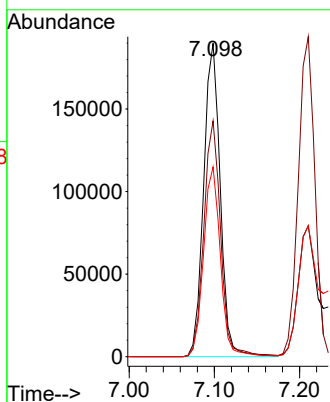
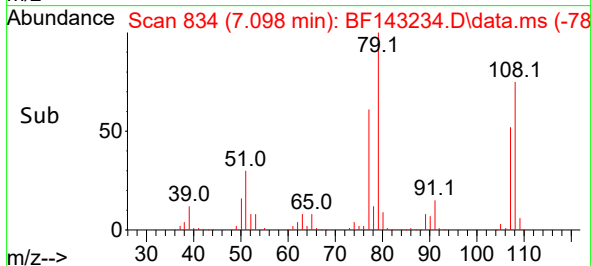
Instrument :
BNA_F
ClientSampleId :
TP-2MSD



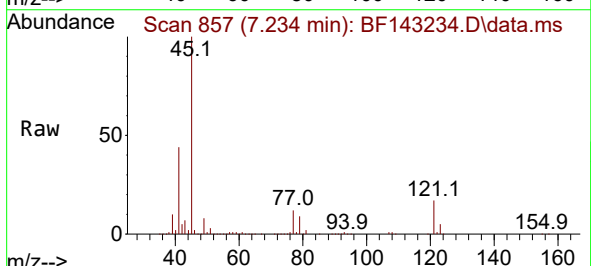
Tgt Ion: 79 Resp: 258125
Ion Ratio Lower Upper
79 100
108 75.3 61.1 91.7
77 60.6 48.9 73.3

Manual Integrations
APPROVED

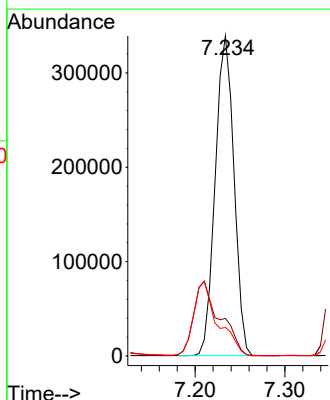
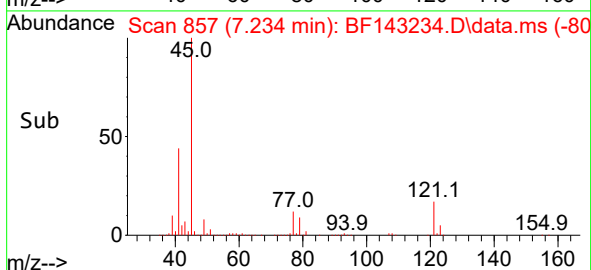
Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025

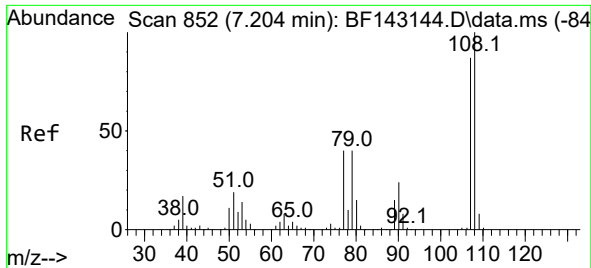


#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.396 ng
RT: 7.234 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF143234.D
Acq: 24 Jul 2025 15:29



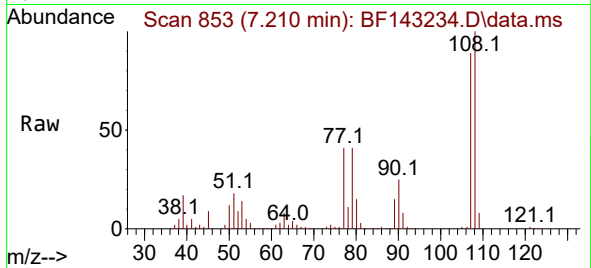
Tgt Ion: 45 Resp: 490163
Ion Ratio Lower Upper
45 100
77 11.7 0.0 31.2
79 8.9 0.0 28.5





#17
2-Methylphenol
Concen: 37.781 ng
RT: 7.210 min Scan# 853
Delta R.T. 0.006 min
Lab File: BF143234.D
Acq: 24 Jul 2025 15:29

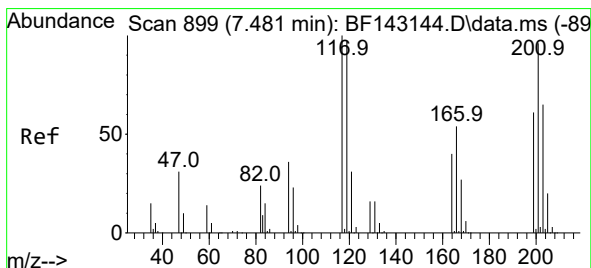
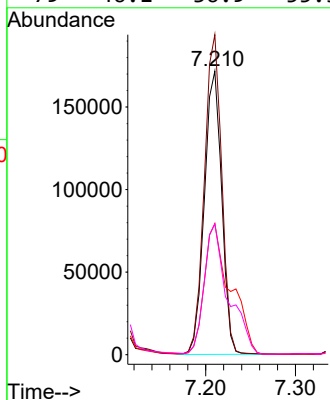
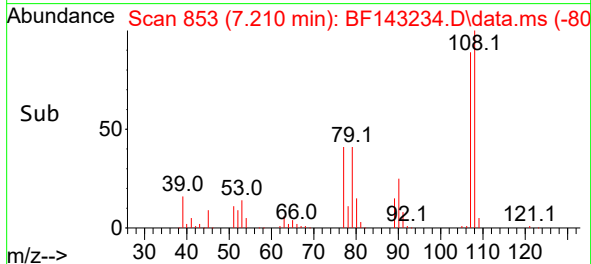
Instrument :
BNA_F
ClientSampleId :
TP-2MSD



Tgt Ion:107 Resp: 230258
Ion Ratio Lower Upper
107 100
108 112.9 91.8 137.6
77 46.2 37.0 55.6
79 46.1 36.9 55.3

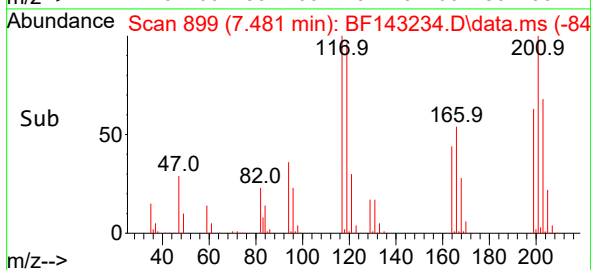
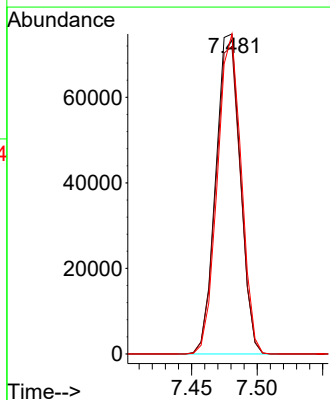
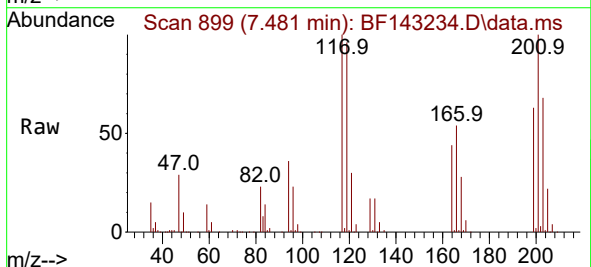
Manual Integrations
APPROVED

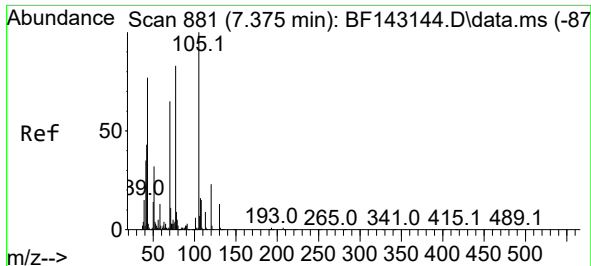
Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025



#18
Hexachloroethane
Concen: 35.484 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143234.D
Acq: 24 Jul 2025 15:29

Tgt Ion:117 Resp: 97407
Ion Ratio Lower Upper
117 100
119 96.1 77.8 116.8
201 99.9 77.0 115.4





#19

n-Nitroso-di-n-propylamine

Concen: 37.178 ng

RT: 7.369 min Scan# 881

Delta R.T. -0.006 min

Lab File: BF143234.D

Acq: 24 Jul 2025 15:29

Instrument :

BNA_F

ClientSampleId :

TP-2MSD

Tgt Ion: 70 Resp: 20760

Ion Ratio Lower Upper

70 100

42 66.8 52.5 78.7

101 9.8 7.6 11.4

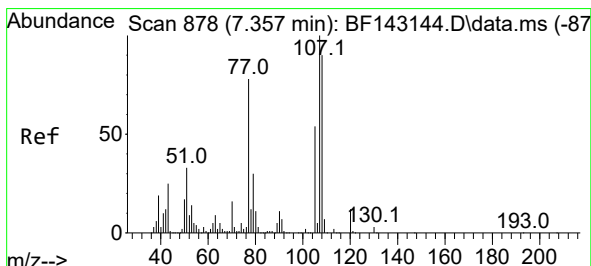
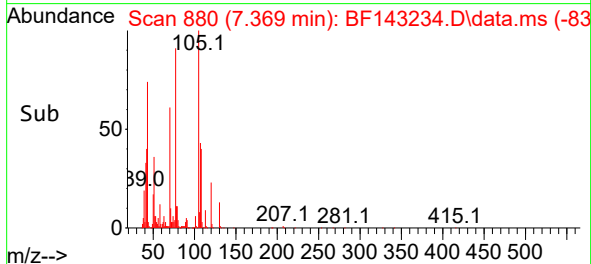
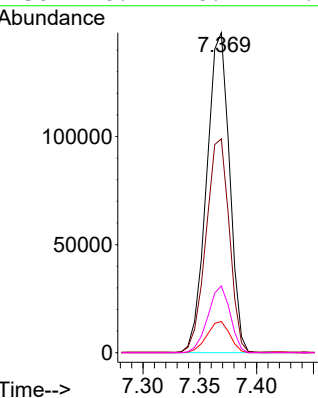
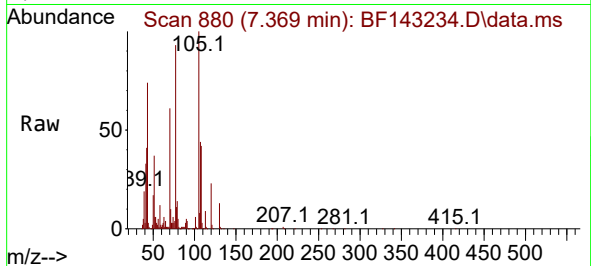
130 20.9 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/25/2025

Supervised By :Jagrut Upadhyay 07/25/2025



#20

3+4-Methylphenols

Concen: 37.920 ng

RT: 7.357 min Scan# 878

Delta R.T. 0.000 min

Lab File: BF143234.D

Acq: 24 Jul 2025 15:29

Tgt Ion:107 Resp: 280390

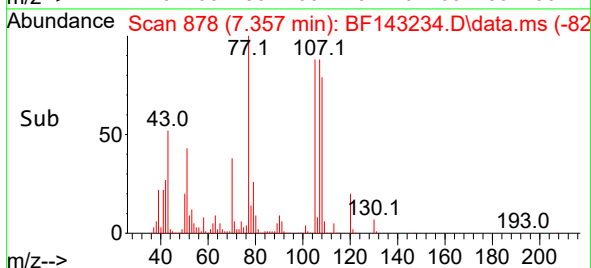
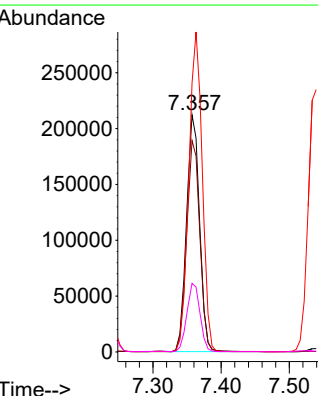
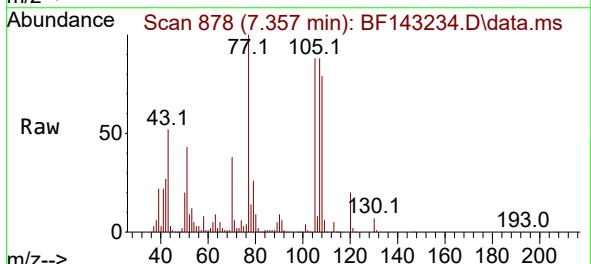
Ion Ratio Lower Upper

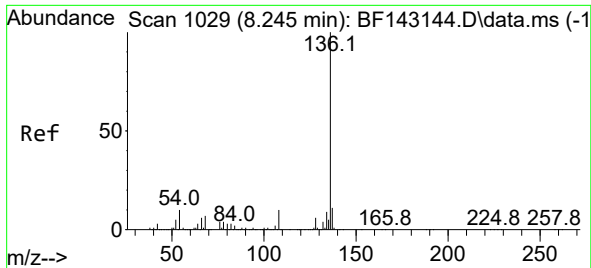
107 100

108 89.2 70.0 110.0

77 113.4 57.8 97.8#

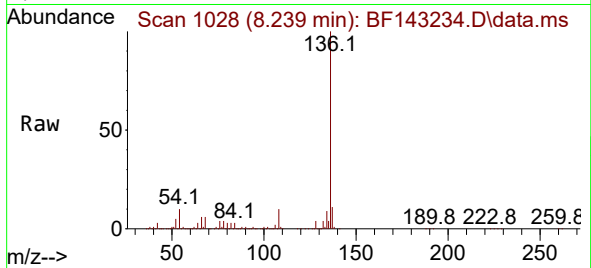
79 28.9 9.5 49.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF143234.D
Acq: 24 Jul 2025 15:29

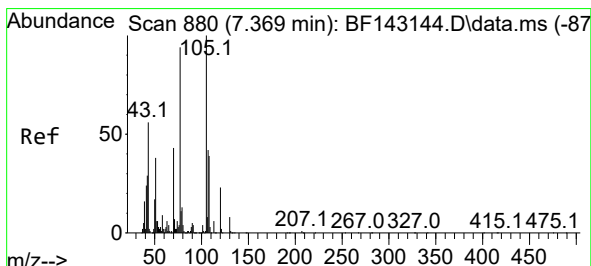
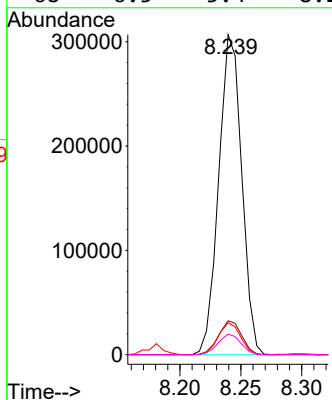
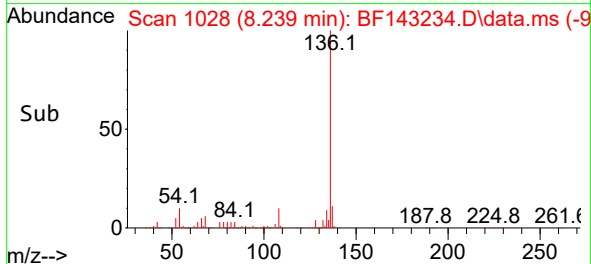
Instrument :
BNA_F
ClientSampleId :
TP-2MSD



Tgt Ion:136 Resp: 403271
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 10.0 8.2 12.2
68 6.5 5.4 8.2

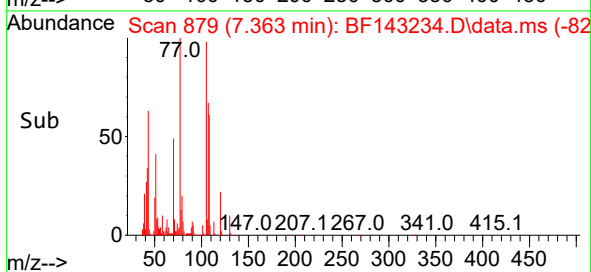
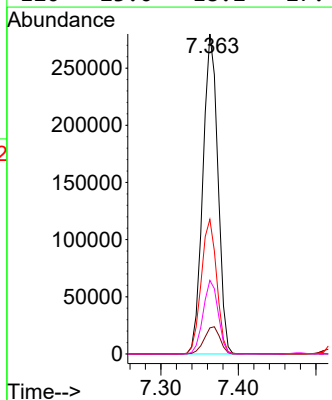
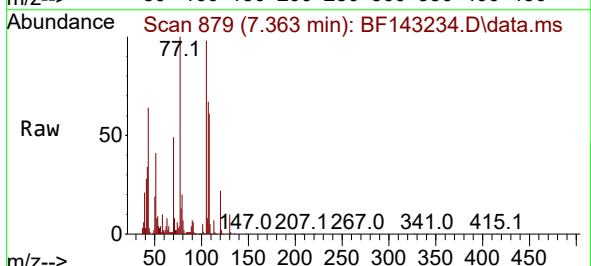
Manual Integrations
APPROVED

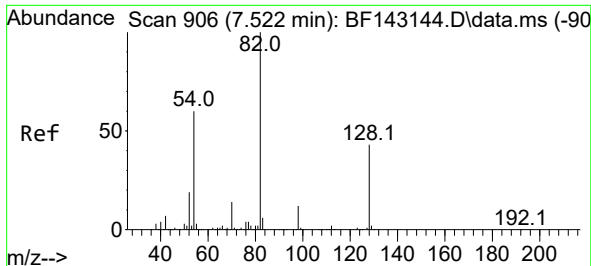
Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025



#22
Acetophenone
Concen: 39.410 ng
RT: 7.363 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF143234.D
Acq: 24 Jul 2025 15:29

Tgt Ion:105 Resp: 376271
Ion Ratio Lower Upper
105 100
71 8.1 5.8 8.6
51 42.1 30.2 45.2
120 23.0 18.2 27.4





#23

Nitrobenzene-d5

Concen: 77.436 ng

RT: 7.516 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF143234.D

Acq: 24 Jul 2025 15:29

Instrument :

BNA_F

ClientSampleId :

TP-2MSD

Tgt Ion: 82 Resp: 626468

Ion Ratio Lower Upper

82 100

128 42.7 33.6 50.4

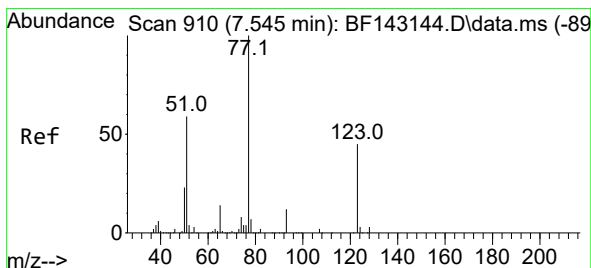
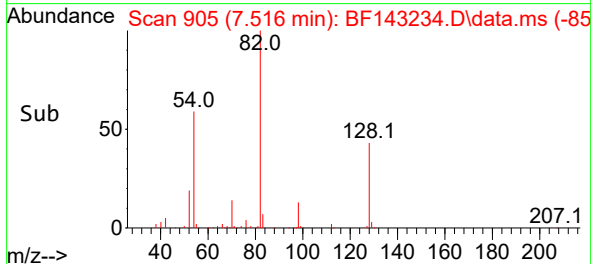
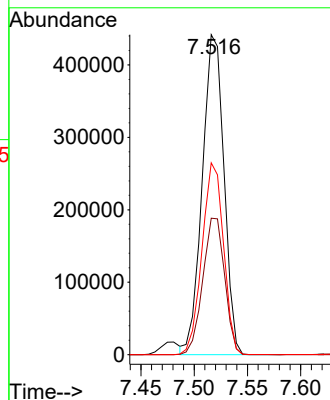
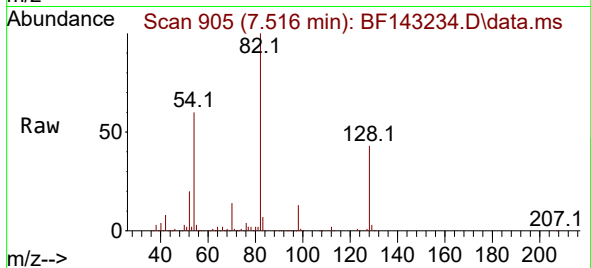
54 60.0 47.1 70.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/25/2025

Supervised By :Jagrut Upadhyay 07/25/2025



#24

Nitrobenzene

Concen: 39.532 ng

RT: 7.540 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF143234.D

Acq: 24 Jul 2025 15:29

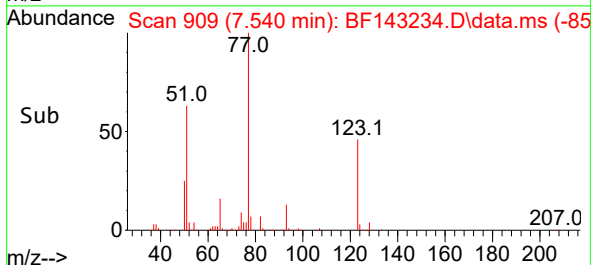
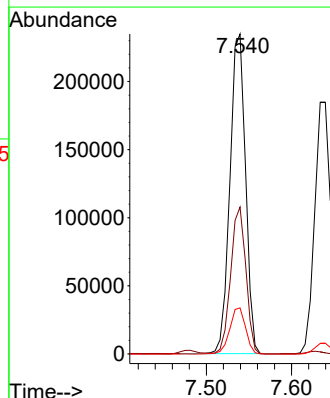
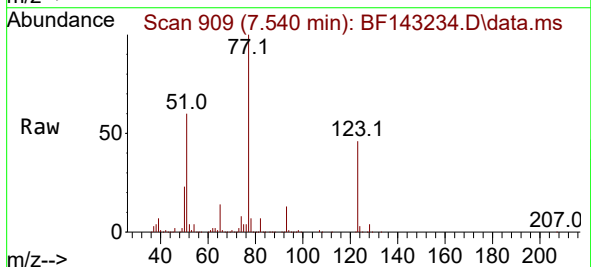
Tgt Ion: 77 Resp: 298174

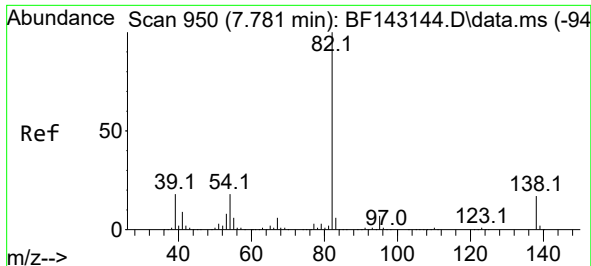
Ion Ratio Lower Upper

77 100

123 45.9 36.1 54.1

65 14.4 11.4 17.2





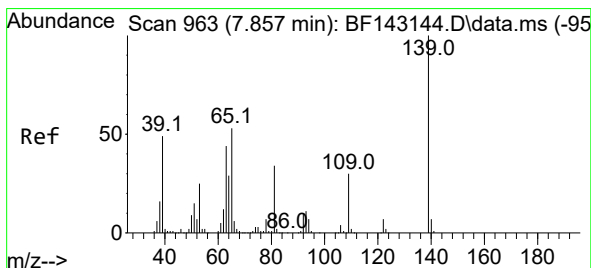
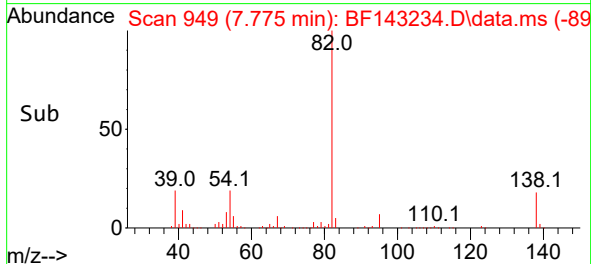
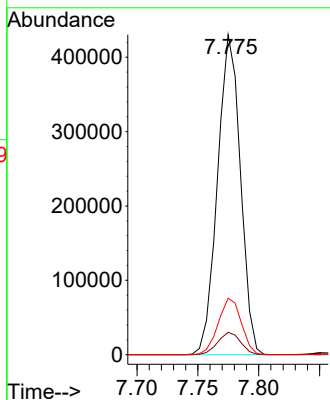
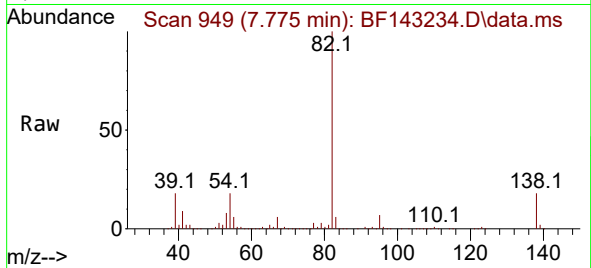
#25
Isophorone
Concen: 39.434 ng
RT: 7.775 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF143234.D
Acq: 24 Jul 2025 15:29

Instrument :
BNA_F
ClientSampleId :
TP-2MSD

Tgt Ion: 82 Resp: 56319
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 17.6 13.8 20.8

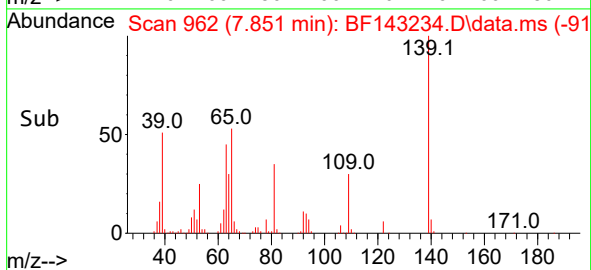
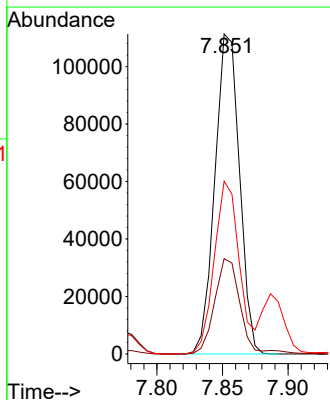
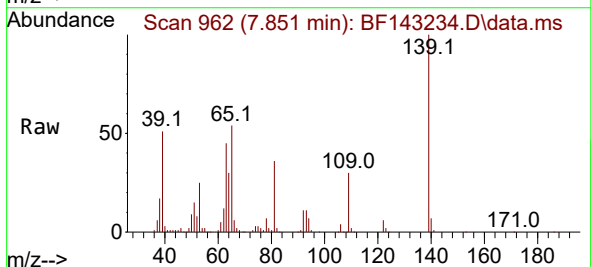
Manual Integrations
APPROVED

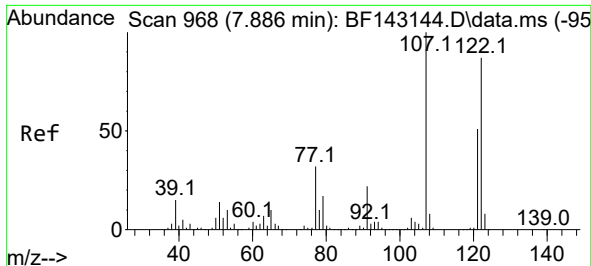
Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025



#26
2-Nitrophenol
Concen: 44.330 ng
RT: 7.851 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF143234.D
Acq: 24 Jul 2025 15:29

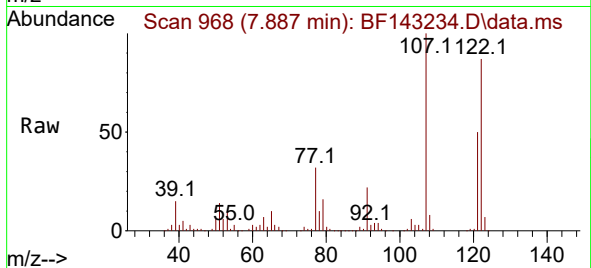
Tgt Ion:139 Resp: 145113
Ion Ratio Lower Upper
139 100
109 29.8 23.6 35.4
65 53.9 42.6 64.0





#27
2,4-Dimethylphenol
Concen: 39.183 ng
RT: 7.887 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF143234.D
Acq: 24 Jul 2025 15:29

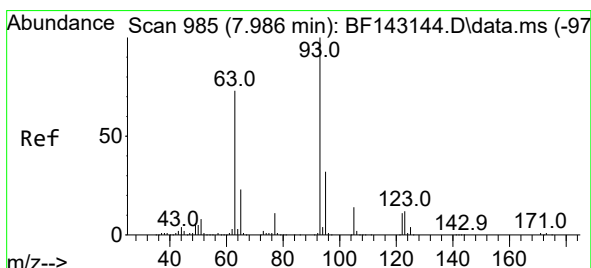
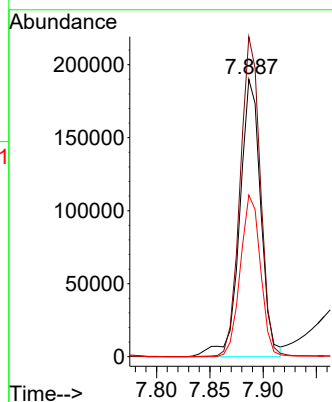
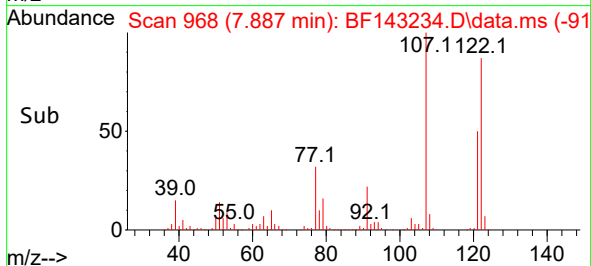
Instrument :
BNA_F
ClientSampleId :
TP-2MSD



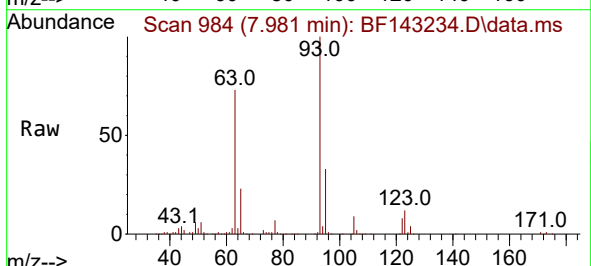
Tgt Ion:122 Resp: 261452
Ion Ratio Lower Upper
122 100
107 115.3 91.8 137.6
121 58.2 46.3 69.5

Manual Integrations
APPROVED

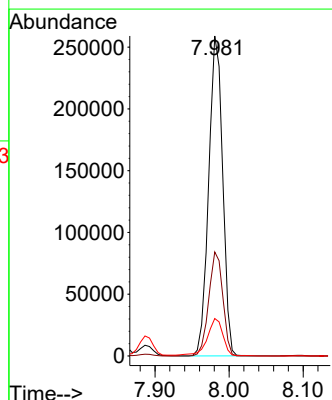
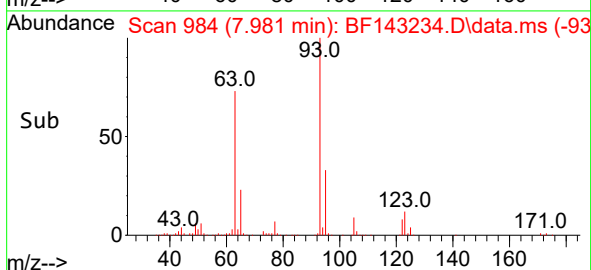
Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025

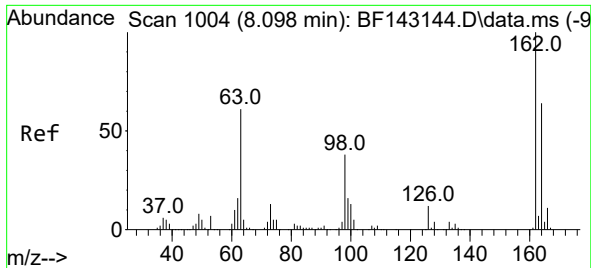


#28
bis(2-Chloroethoxy)methane
Concen: 39.596 ng
RT: 7.981 min Scan# 984
Delta R.T. -0.006 min
Lab File: BF143234.D
Acq: 24 Jul 2025 15:29



Tgt Ion: 93 Resp: 339056
Ion Ratio Lower Upper
93 100
95 32.5 25.8 38.6
123 11.7 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 40.398 ng

RT: 8.092 min Scan# 1003

Delta R.T. -0.006 min

Lab File: BF143234.D

Acq: 24 Jul 2025 15:29

Instrument :

BNA_F

ClientSampleId :

TP-2MSD

Tgt Ion:162 Resp: 227329

Ion Ratio Lower Upper

162 100

164 64.5 44.2 84.2

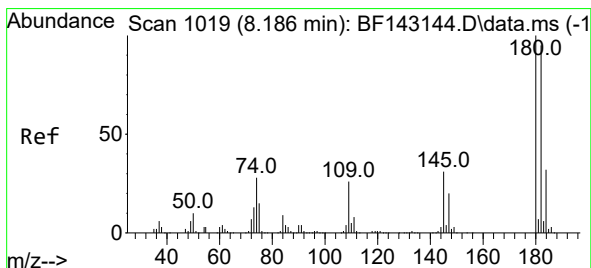
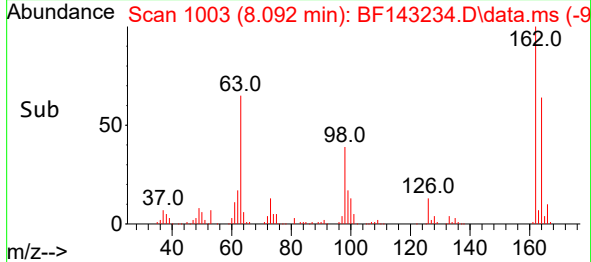
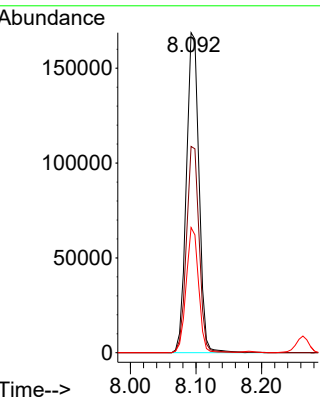
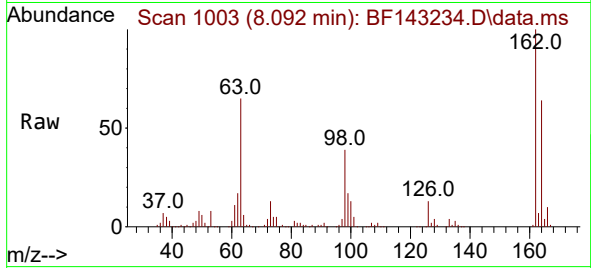
98 39.1 17.9 57.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/25/2025

Supervised By :Jagrut Upadhyay 07/25/2025



#30

1,2,4-Trichlorobenzene

Concen: 38.649 ng

RT: 8.181 min Scan# 1018

Delta R.T. -0.006 min

Lab File: BF143234.D

Acq: 24 Jul 2025 15:29

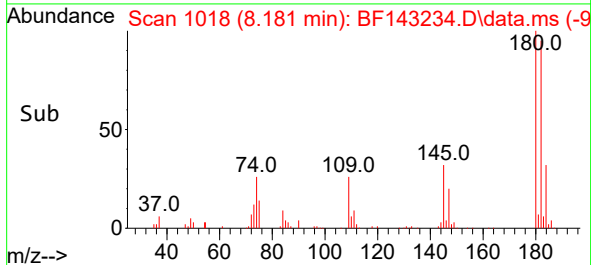
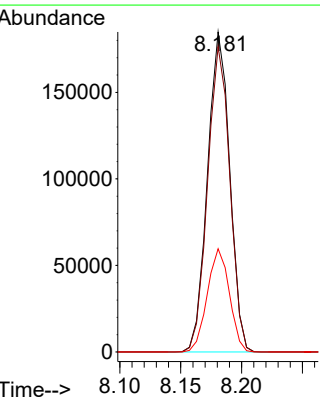
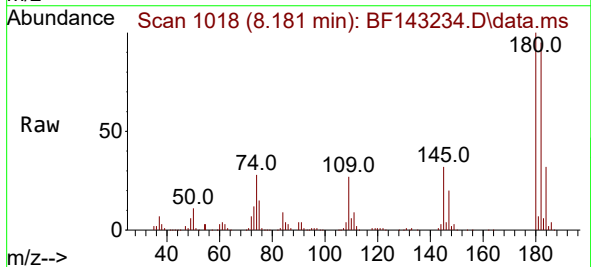
Tgt Ion:180 Resp: 234960

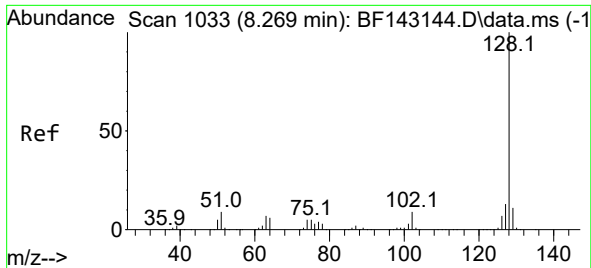
Ion Ratio Lower Upper

180 100

182 95.4 76.2 114.2

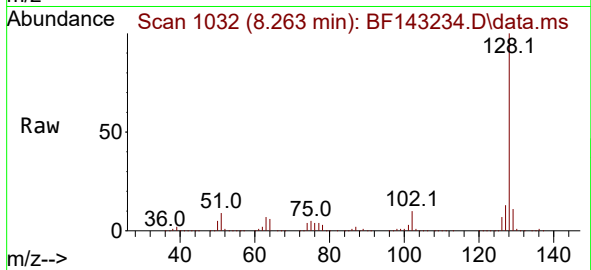
145 32.3 25.0 37.6





#31
Naphthalene
Concen: 39.082 ng
RT: 8.263 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF143234.D
Acq: 24 Jul 2025 15:29

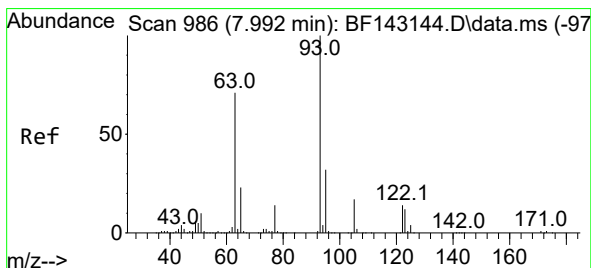
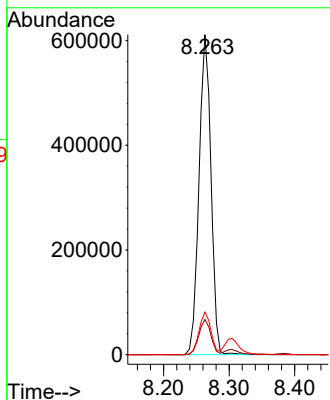
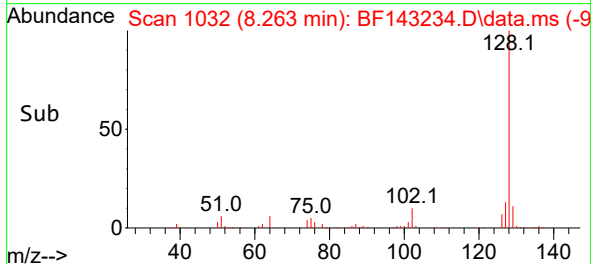
Instrument :
BNA_F
ClientSampleId :
TP-2MSD



Tgt Ion:128 Resp: 77619
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 13.3 10.6 16.0

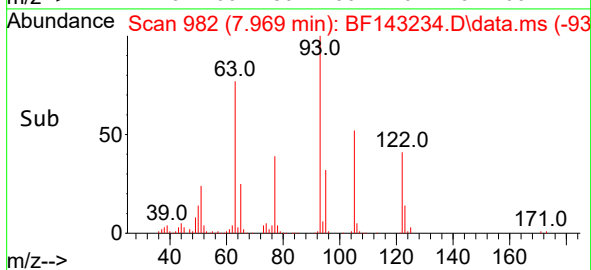
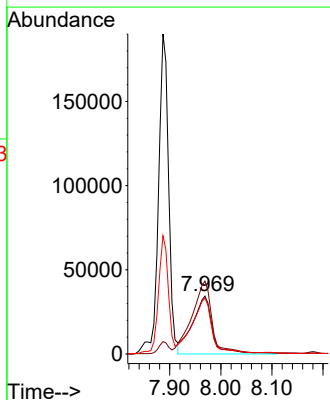
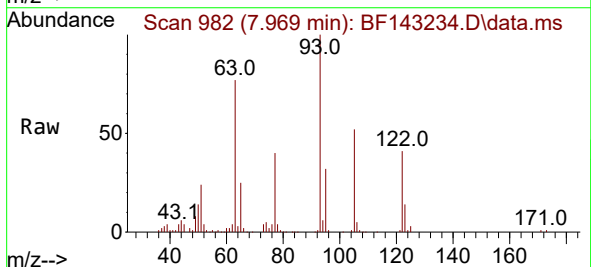
Manual Integrations
APPROVED

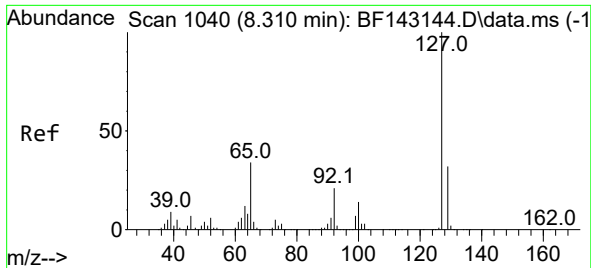
Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025



#32
Benzoic acid
Concen: 27.750 ng m
RT: 7.969 min Scan# 982
Delta R.T. -0.023 min
Lab File: BF143234.D
Acq: 24 Jul 2025 15:29

Tgt Ion:122 Resp: 95099
Ion Ratio Lower Upper
122 100
105 126.2 104.8 144.8
77 96.9 77.6 117.6





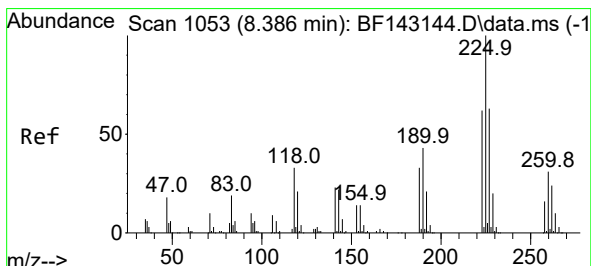
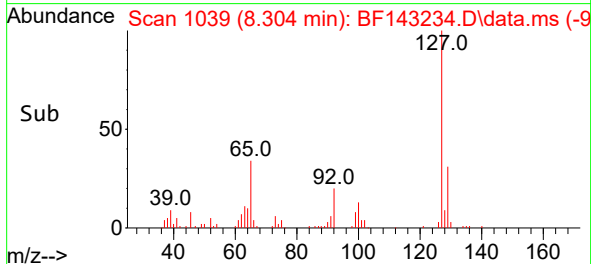
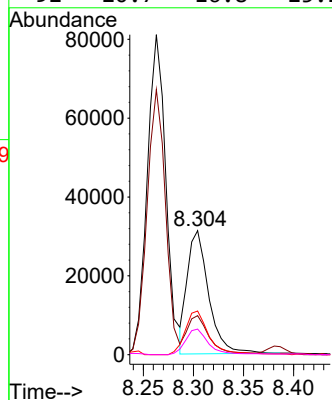
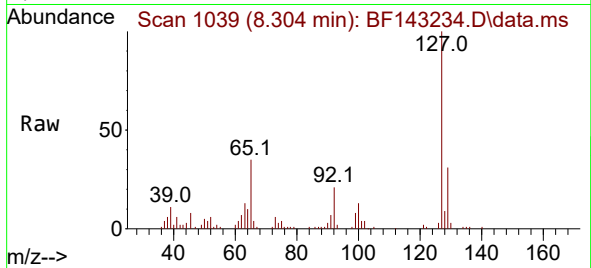
#33
4-Chloroaniline
Concen: 5.710 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143234.D
Acq: 24 Jul 2025 15:29

Instrument :
BNA_F
ClientSampleId :
TP-2MSD

Tgt Ion:	127	Resp:	46309
Ion Ratio	Lower	Upper	
127	100		
129	31.5	26.0	39.0
65	35.2	27.4	41.2
92	20.7	16.8	25.2

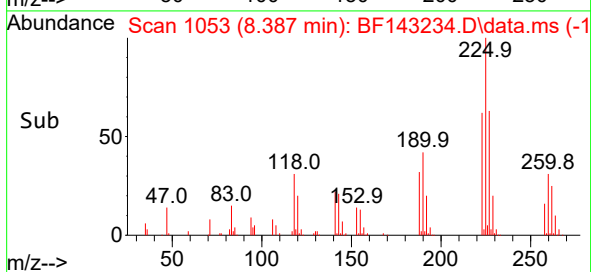
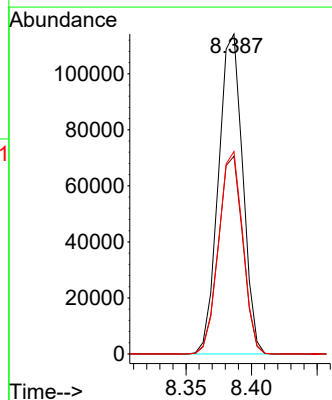
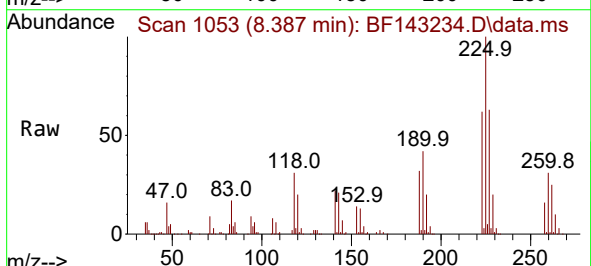
Manual Integrations
APPROVED

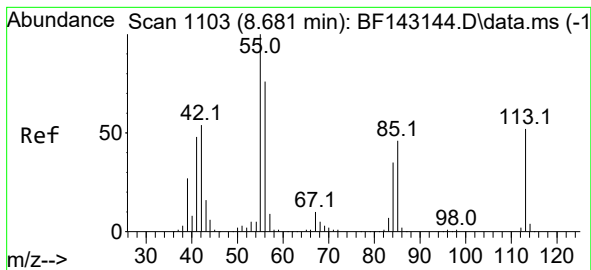
Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025



#34
Hexachlorobutadiene
Concen: 39.536 ng
RT: 8.387 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF143234.D
Acq: 24 Jul 2025 15:29

Tgt Ion:	225	Resp:	146825
Ion Ratio	Lower	Upper	
225	100		
223	61.8	49.8	74.6
227	63.3	50.2	75.4





#35

Caprolactam

Concen: 35.823 ng

RT: 8.657 min Scan# 1109

Delta R.T. -0.023 min

Lab File: BF143234.D

Acq: 24 Jul 2025 15:29

Instrument :

BNA_F

ClientSampleId :

TP-2MSD

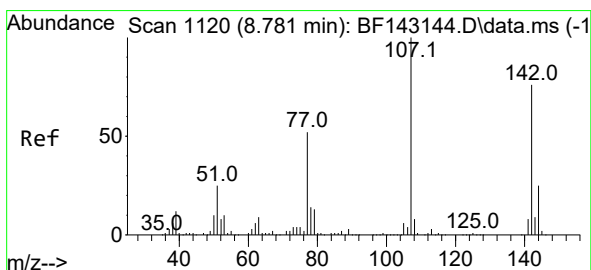
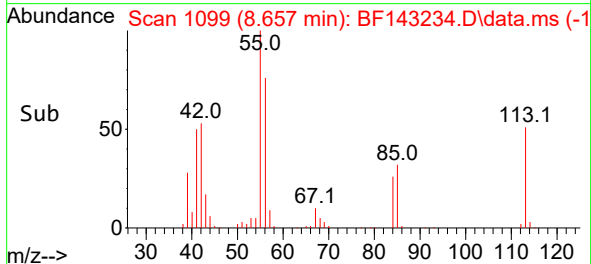
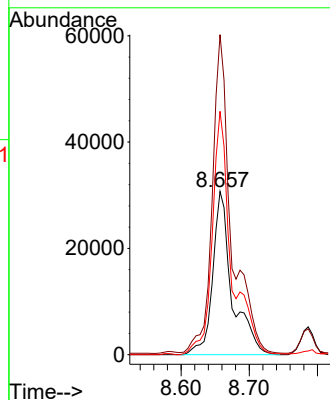
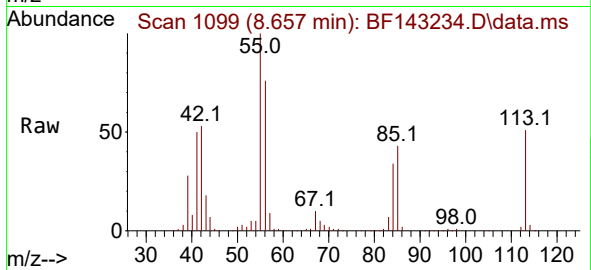
Tgt Ion:113 Resp: 60914
 Ion Ratio Lower Upper
 113 100
 55 196.1 174.0 214.0
 56 149.2 126.6 166.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/25/2025

Supervised By :Jagrut Upadhyay 07/25/2025



#36

4-Chloro-3-methylphenol

Concen: 39.081 ng

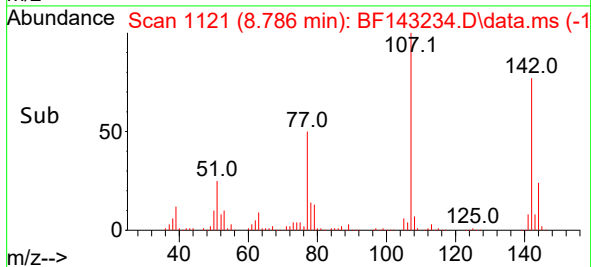
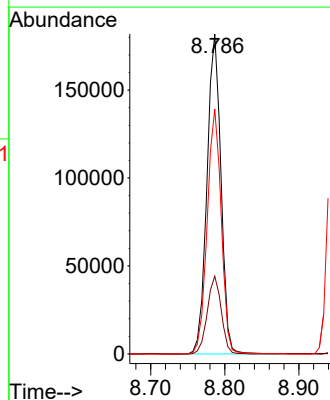
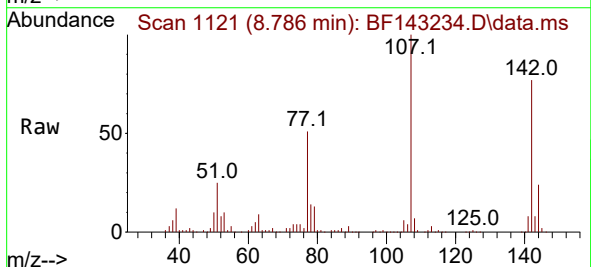
RT: 8.786 min Scan# 1121

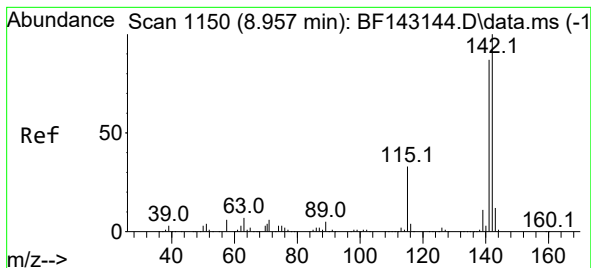
Delta R.T. 0.006 min

Lab File: BF143234.D

Acq: 24 Jul 2025 15:29

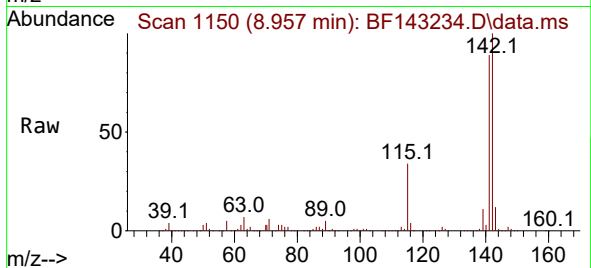
Tgt Ion:107 Resp: 239026
 Ion Ratio Lower Upper
 107 100
 144 24.3 19.8 29.6
 142 76.6 60.6 90.8





#37
2-Methylnaphthalene
Concen: 39.742 ng
RT: 8.957 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BF143234.D
Acq: 24 Jul 2025 15:29

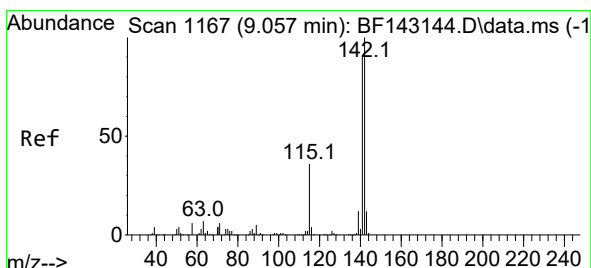
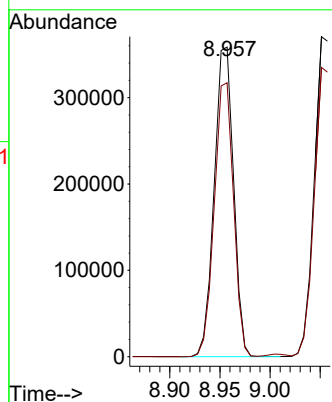
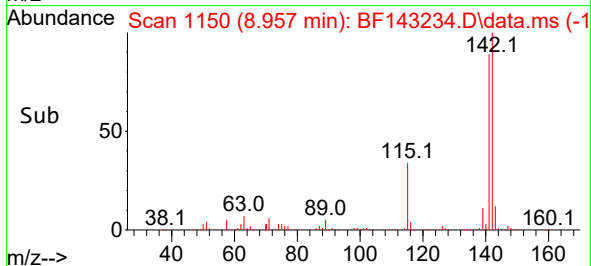
Instrument :
BNA_F
ClientSampleId :
TP-2MSD



Tgt Ion:142 Resp: 48030
Ion Ratio Lower Upper
142 100
141 88.5 69.9 104.9

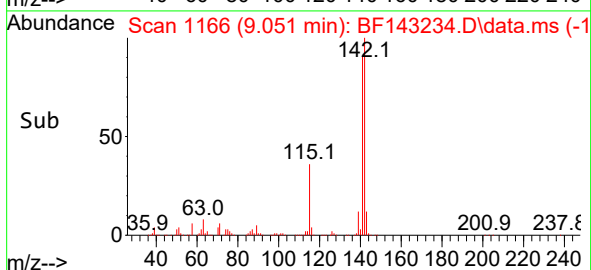
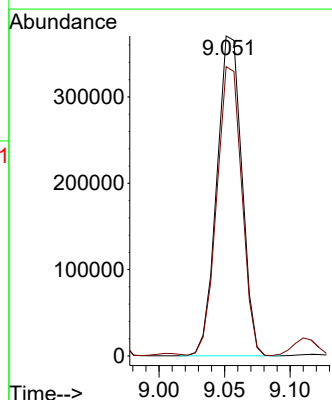
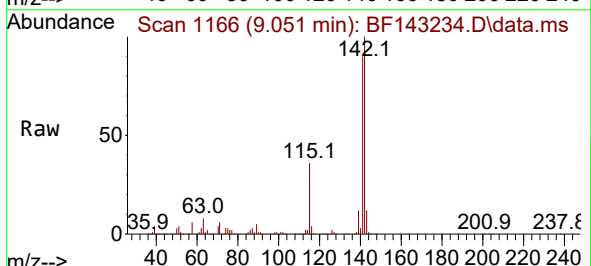
Manual Integrations
APPROVED

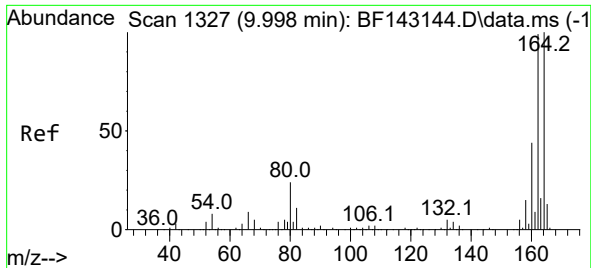
Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025



#38
1-Methylnaphthalene
Concen: 39.524 ng
RT: 9.051 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF143234.D
Acq: 24 Jul 2025 15:29

Tgt Ion:142 Resp: 491881
Ion Ratio Lower Upper
142 100
141 90.4 72.3 108.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 1178

Delta R.T. 0.000 min

Lab File: BF143234.D

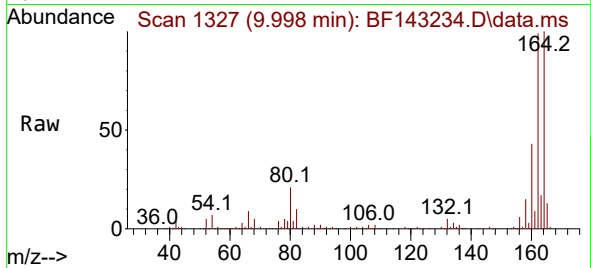
Acq: 24 Jul 2025 15:29

Instrument :

BNA_F

ClientSampleId :

TP-2MSD



Tgt Ion:164 Resp: 187839

Ion Ratio Lower Upper

164 100

162 98.9 79.0 118.6

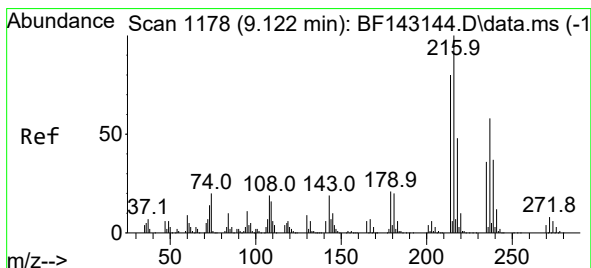
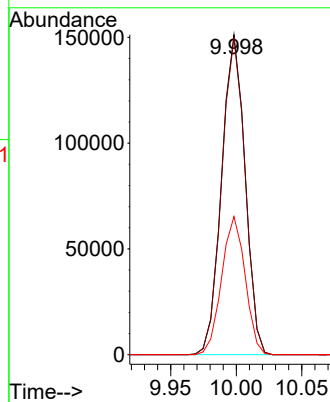
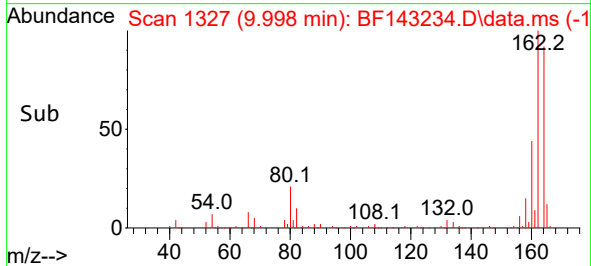
160 43.1 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/25/2025

Supervised By :Jagrut Upadhyay 07/25/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.646 ng

RT: 9.122 min Scan# 1178

Delta R.T. 0.000 min

Lab File: BF143234.D

Acq: 24 Jul 2025 15:29

Tgt Ion:216 Resp: 236698

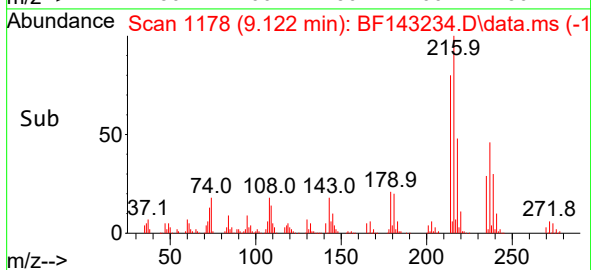
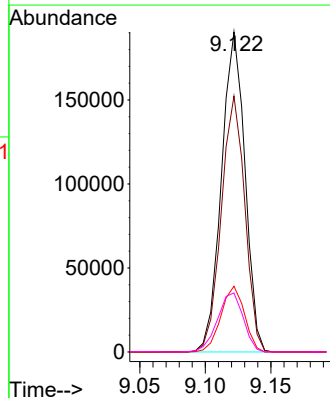
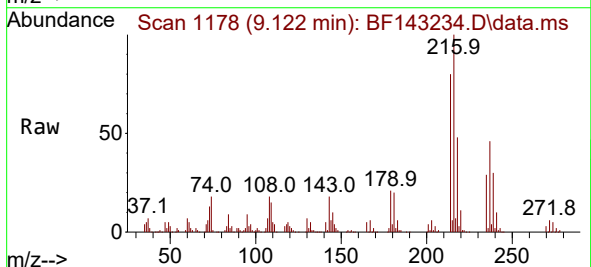
Ion Ratio Lower Upper

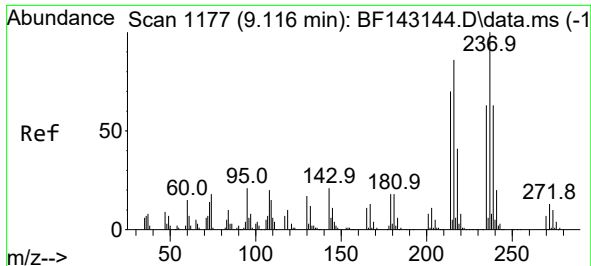
216 100

214 80.1 63.8 95.8

179 20.6 16.4 24.6

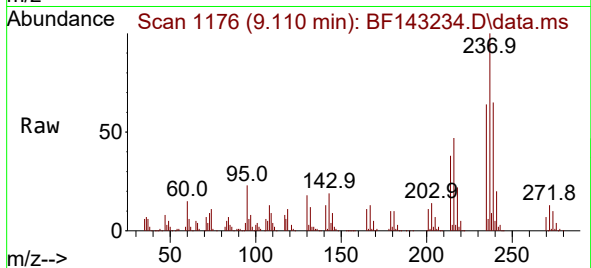
108 20.3 15.6 23.4





#41
Hexachlorocyclopentadiene
Concen: 58.602 ng
RT: 9.110 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF143234.D
Acq: 24 Jul 2025 15:29

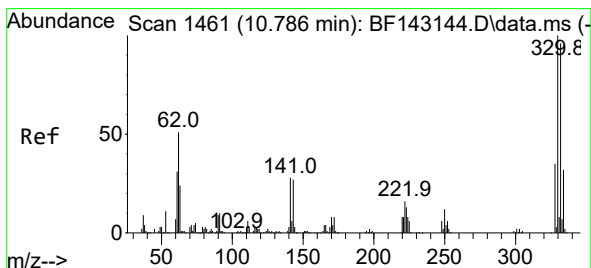
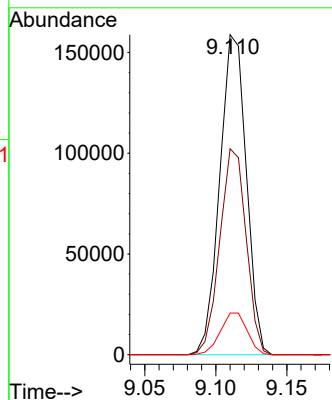
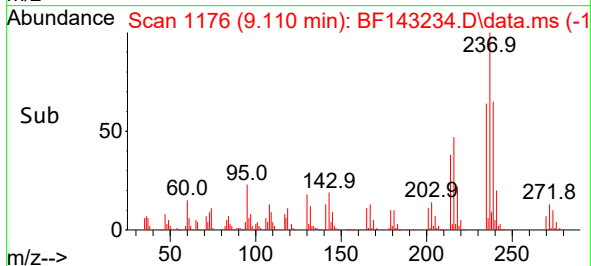
Instrument :
BNA_F
ClientSampleId :
TP-2MSD



Tgt Ion:237 Resp: 20678
Ion Ratio Lower Upper
237 100
235 64.3 43.0 83.0
272 13.0 0.0 33.3

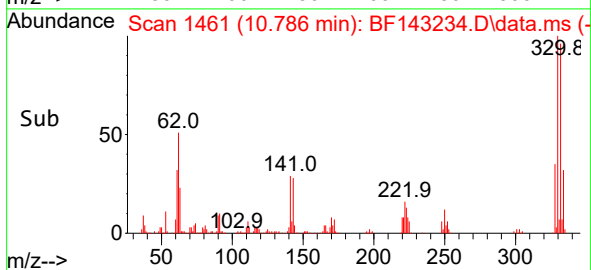
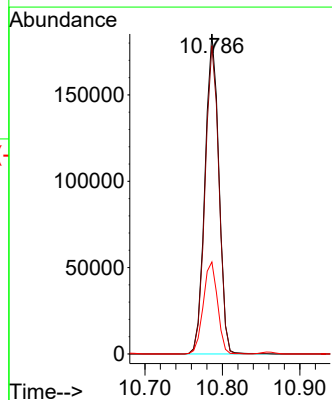
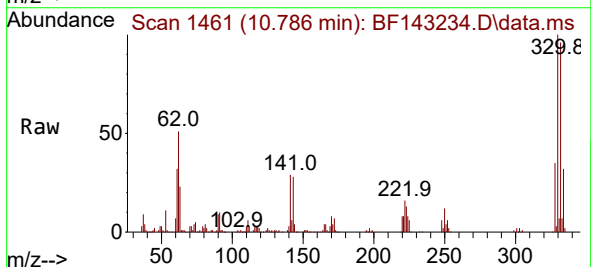
Manual Integrations
APPROVED

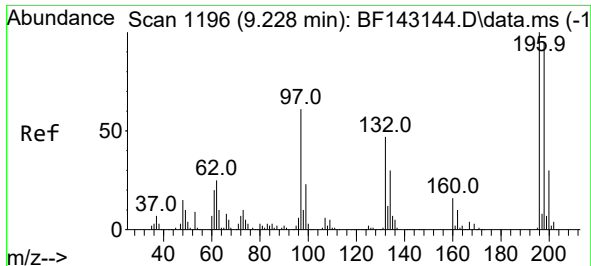
Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025



#42
2,4,6-Tribromophenol
Concen: 118.685 ng
RT: 10.786 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF143234.D
Acq: 24 Jul 2025 15:29

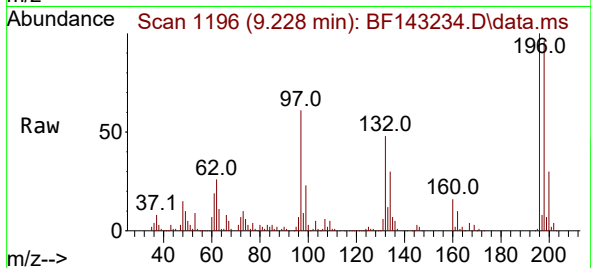
Tgt Ion:330 Resp: 230307
Ion Ratio Lower Upper
330 100
332 95.9 76.7 115.1
141 29.4 23.3 34.9





#43
2,4,6-Trichlorophenol
Concen: 43.289 ng
RT: 9.228 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BF143234.D
Acq: 24 Jul 2025 15:29

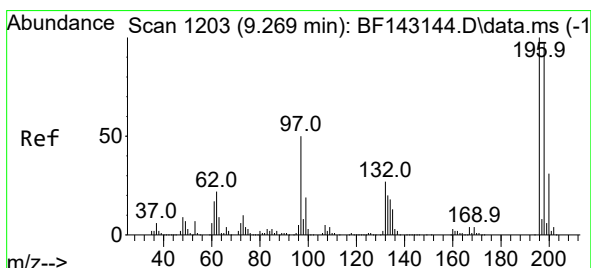
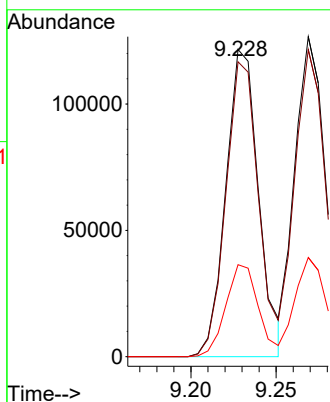
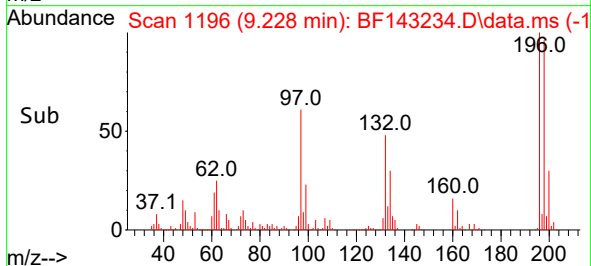
Instrument :
BNA_F
ClientSampleId :
TP-2MSD



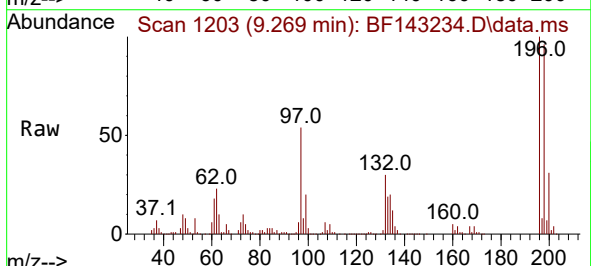
Tgt Ion:196 Resp: 162475
Ion Ratio Lower Upper
196 100
198 96.0 76.2 114.2
200 30.0 23.9 35.9

Manual Integrations
APPROVED

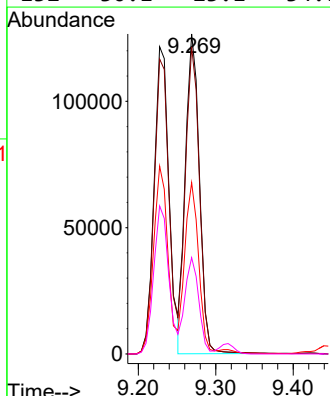
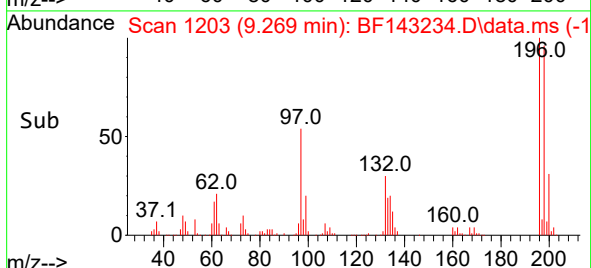
Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025

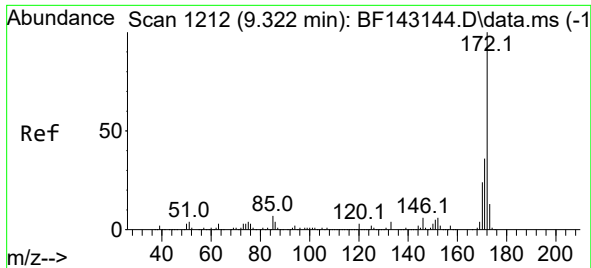


#44
2,4,5-Trichlorophenol
Concen: 42.522 ng
RT: 9.269 min Scan# 1203
Delta R.T. 0.000 min
Lab File: BF143234.D
Acq: 24 Jul 2025 15:29



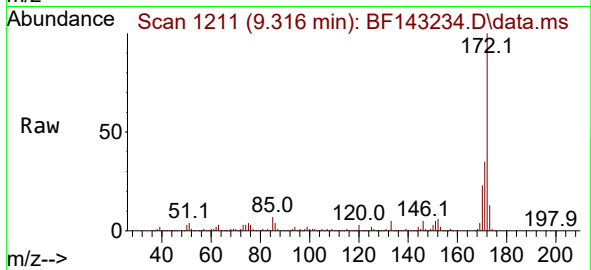
Tgt Ion:196 Resp: 159643
Ion Ratio Lower Upper
196 100
198 96.0 77.3 115.9
97 53.6 40.3 60.5
132 30.1 23.1 34.7





#45
2-Fluorobiphenyl
Concen: 80.415 ng
RT: 9.316 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF143234.D
Acq: 24 Jul 2025 15:29

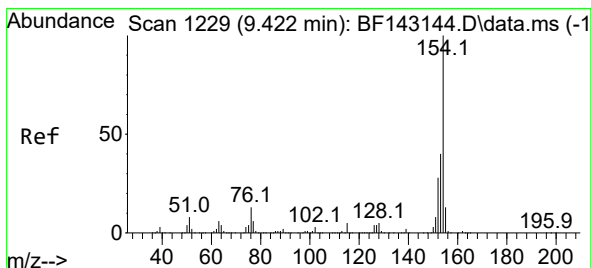
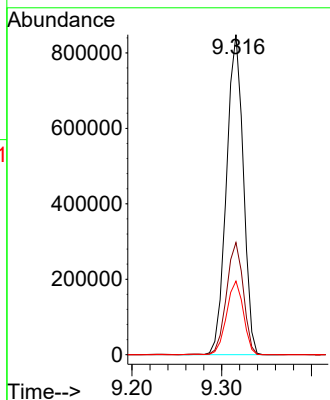
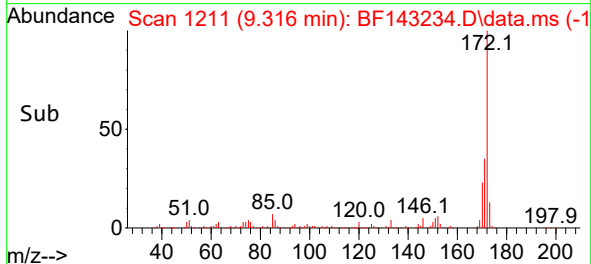
Instrument :
BNA_F
ClientSampleId :
TP-2MSD



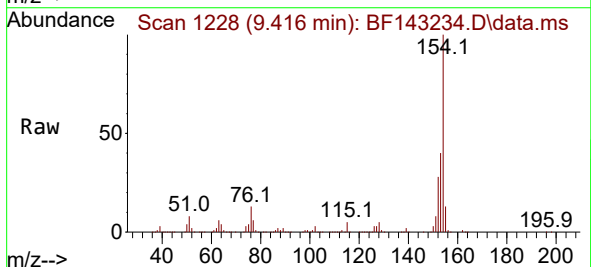
Tgt Ion:172 Resp: 1104474
Ion Ratio Lower Upper
172 100
171 35.1 28.6 42.8
170 23.0 18.8 28.2

Manual Integrations
APPROVED

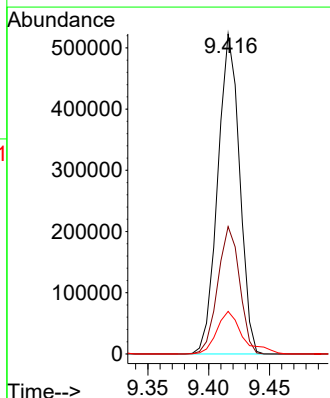
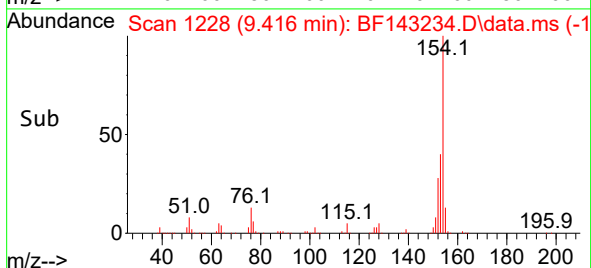
Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025

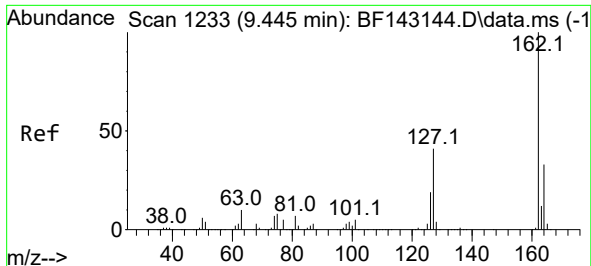


#46
1,1'-Biphenyl
Concen: 44.575 ng
RT: 9.416 min Scan# 1228
Delta R.T. -0.006 min
Lab File: BF143234.D
Acq: 24 Jul 2025 15:29



Tgt Ion:154 Resp: 653246
Ion Ratio Lower Upper
154 100
153 39.8 20.3 60.3
76 13.3 0.0 33.3





#47

2-Chloronaphthalene

Concen: 43.014 ng

RT: 9.445 min Scan# 1233

Delta R.T. 0.000 min

Lab File: BF143234.D

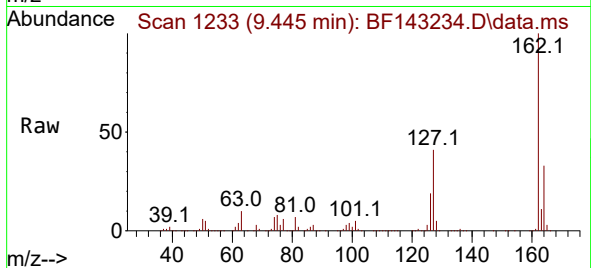
Acq: 24 Jul 2025 15:29

Instrument :

BNA_F

ClientSampleId :

TP-2MSD



Tgt Ion:162 Resp: 466428

Ion Ratio Lower Upper

162 100

127 41.4 33.4 50.2

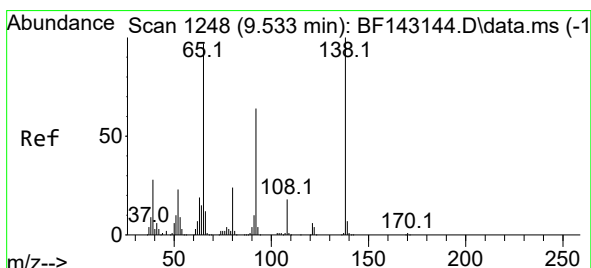
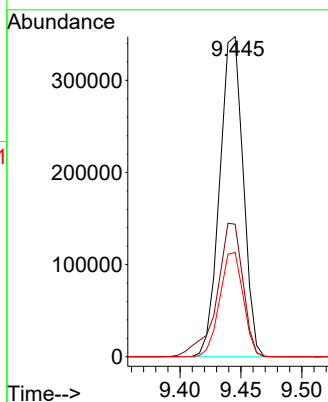
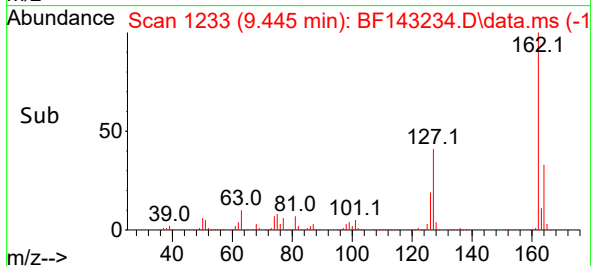
164 32.6 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/25/2025

Supervised By :Jagrut Upadhyay 07/25/2025



#48

2-Nitroaniline

Concen: 45.371 ng

RT: 9.534 min Scan# 1248

Delta R.T. 0.000 min

Lab File: BF143234.D

Acq: 24 Jul 2025 15:29

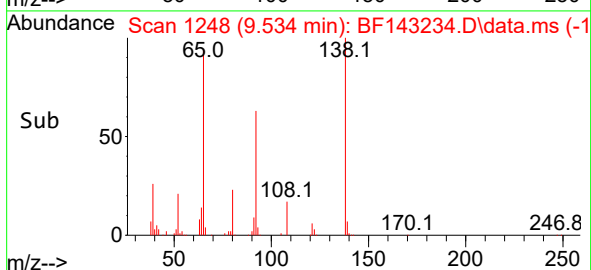
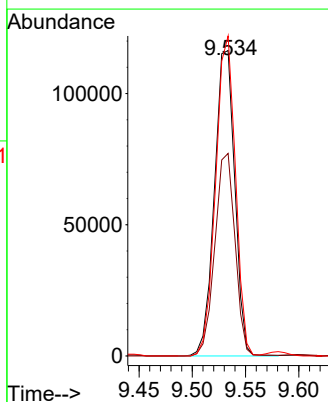
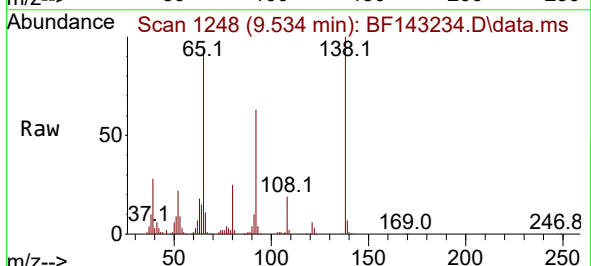
Tgt Ion: 65 Resp: 154288

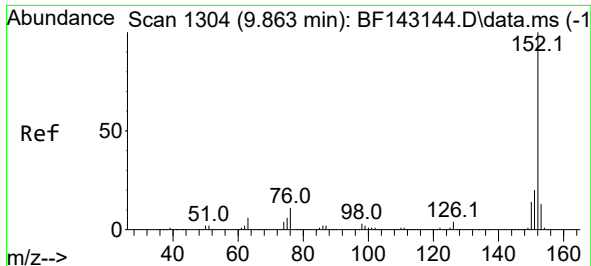
Ion Ratio Lower Upper

65 100

92 66.3 52.4 78.6

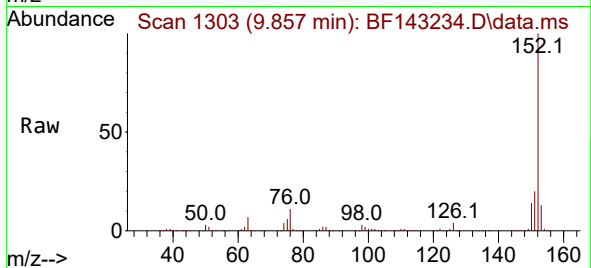
138 104.8 82.3 123.5





#49
Acenaphthylene
Concen: 43.019 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143234.D
Acq: 24 Jul 2025 15:29

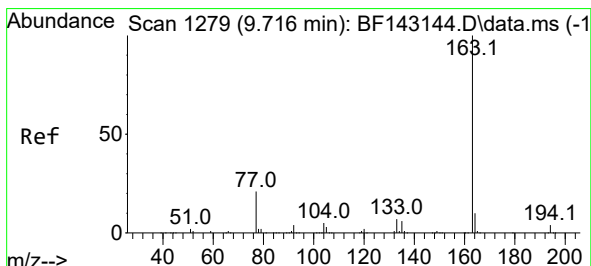
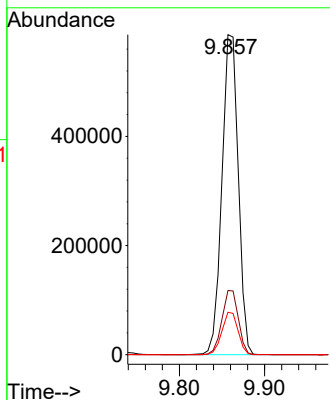
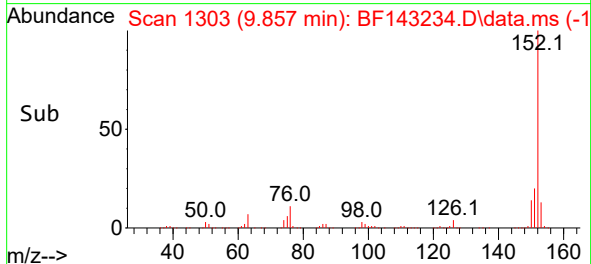
Instrument :
BNA_F
ClientSampleId :
TP-2MSD



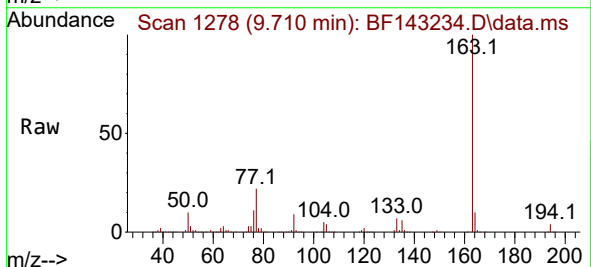
Tgt Ion:152 Resp: 78175
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2
153 13.2 10.6 16.0

Manual Integrations
APPROVED

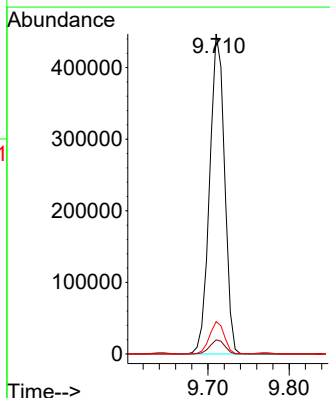
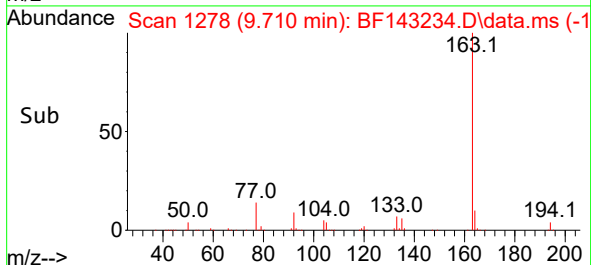
Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025

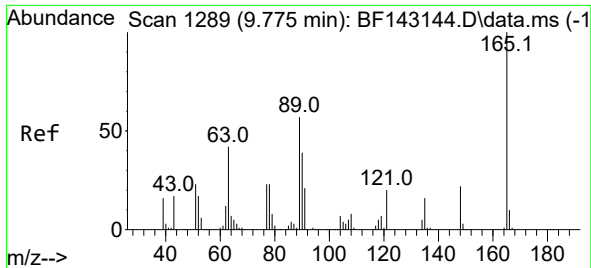


#50
Dimethylphthalate
Concen: 46.520 ng
RT: 9.710 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BF143234.D
Acq: 24 Jul 2025 15:29



Tgt Ion:163 Resp: 569583
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 10.1 8.3 12.5





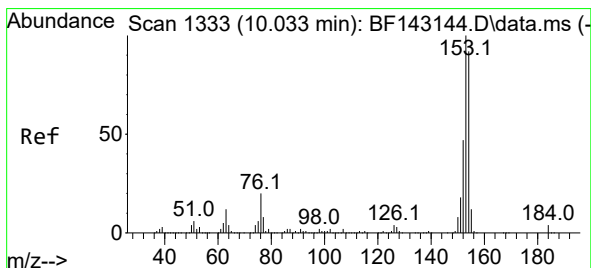
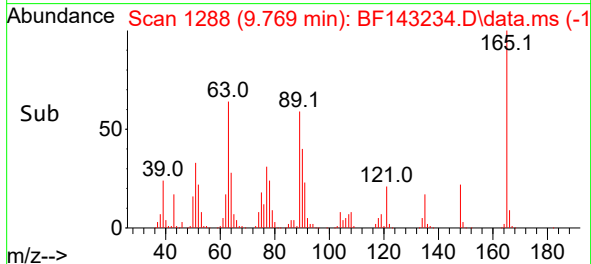
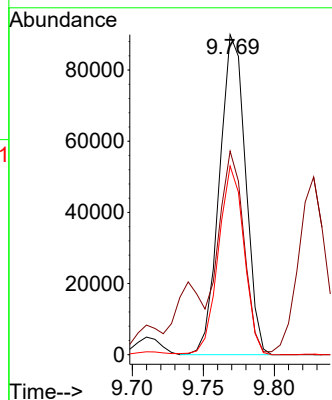
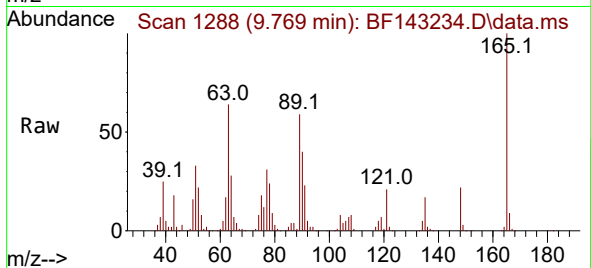
#51
2,6-Dinitrotoluene
Concen: 46.174 ng
RT: 9.769 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BF143234.D
Acq: 24 Jul 2025 15:29

Instrument :
BNA_F
ClientSampleId :
TP-2MSD

Tgt Ion:165 Resp: 115008
Ion Ratio Lower Upper
165 100
63 63.6 49.4 74.2
89 58.9 46.2 69.2

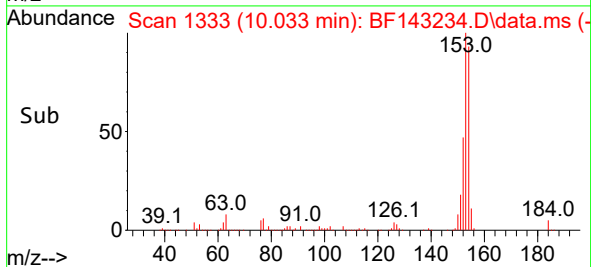
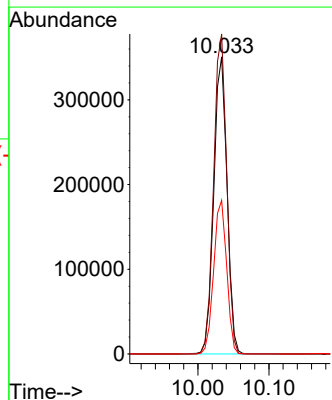
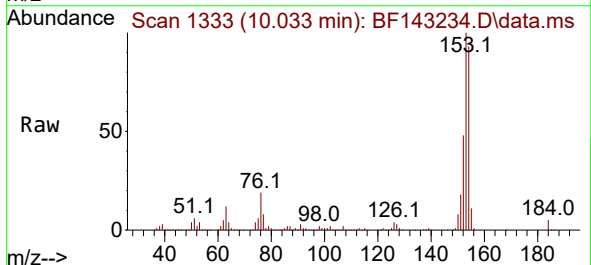
Manual Integrations
APPROVED

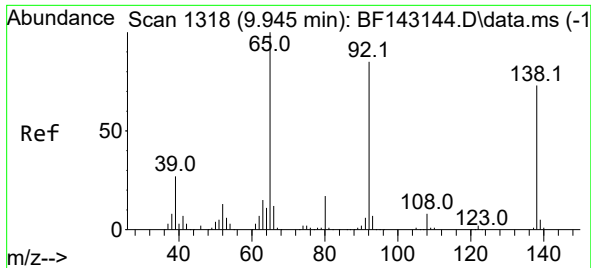
Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025



#52
Acenaphthene
Concen: 42.314 ng
RT: 10.033 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF143234.D
Acq: 24 Jul 2025 15:29

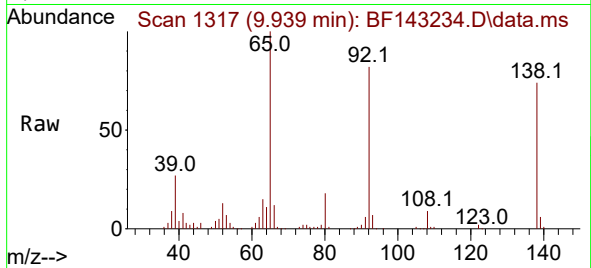
Tgt Ion:154 Resp: 454485
Ion Ratio Lower Upper
154 100
153 107.7 86.6 129.8
152 51.7 40.4 60.6





#53
3-Nitroaniline
Concen: 15.630 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF143234.D
Acq: 24 Jul 2025 15:29

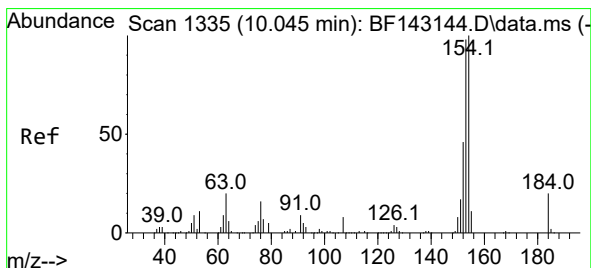
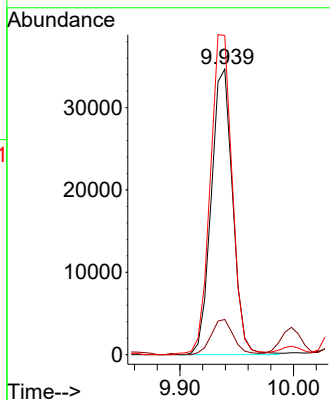
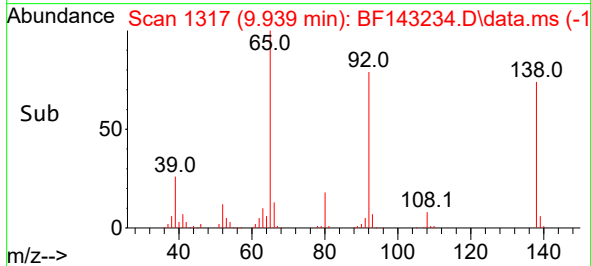
Instrument :
BNA_F
ClientSampleId :
TP-2MSD



Tgt Ion:138 Resp: 45538
Ion Ratio Lower Upper
138 100
108 12.4 9.0 13.6
92 111.7 93.0 139.4

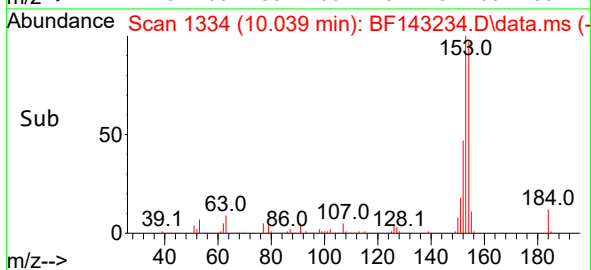
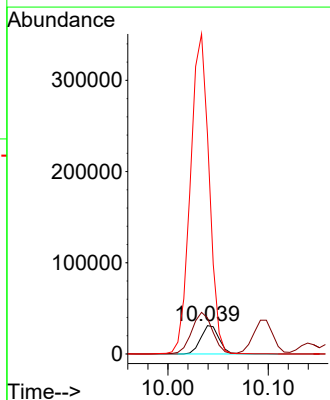
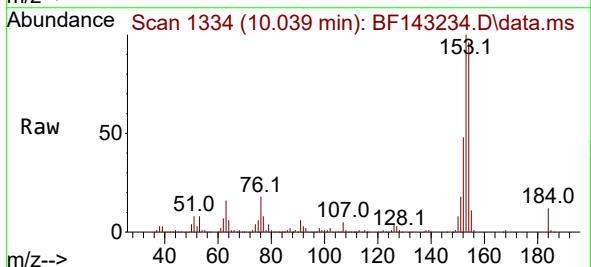
Manual Integrations
APPROVED

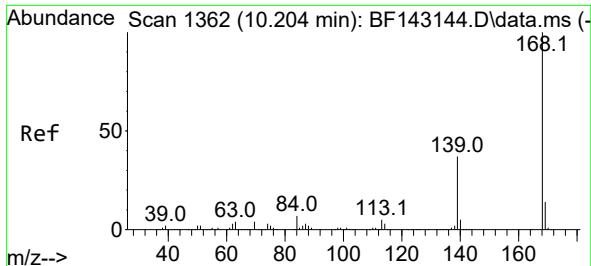
Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025



#54
2,4-Dinitrophenol
Concen: 38.734 ng
RT: 10.039 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF143234.D
Acq: 24 Jul 2025 15:29

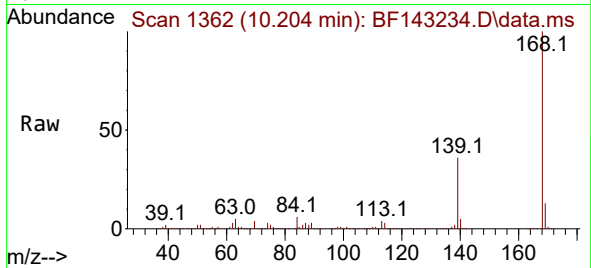
Tgt Ion:184 Resp: 39493
Ion Ratio Lower Upper
184 100
63 127.1 81.8 122.6#
154 773.7 412.2 618.4#





#55
Dibenzenofuran
Concen: 42.534 ng
RT: 10.204 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF143234.D
Acq: 24 Jul 2025 15:29

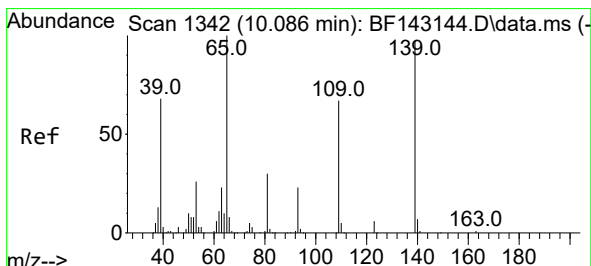
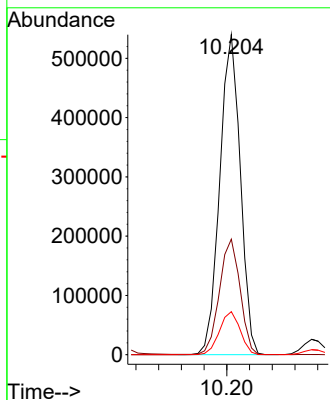
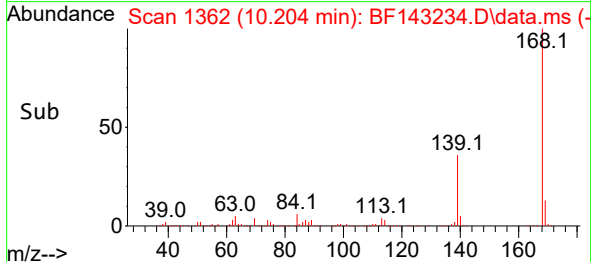
Instrument :
BNA_F
ClientSampleId :
TP-2MSD



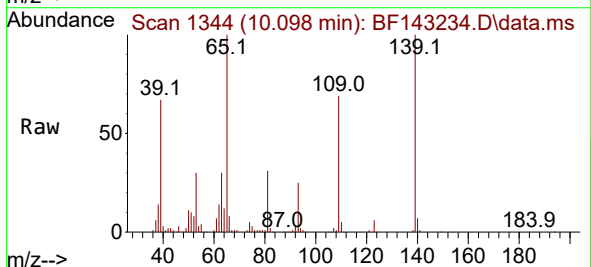
Tgt Ion:168 Resp: 678268
Ion Ratio Lower Upper
168 100
139 36.1 29.5 44.3
169 13.5 10.9 16.3

Manual Integrations
APPROVED

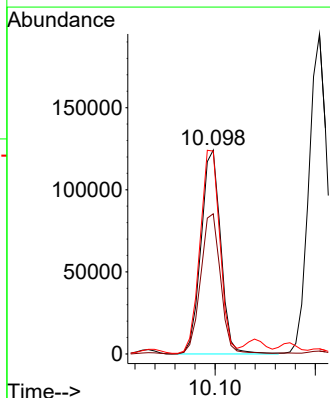
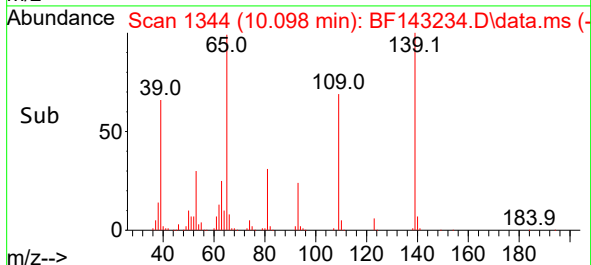
Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025

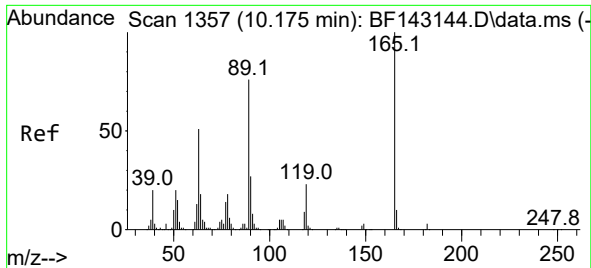


#56
4-Nitrophenol
Concen: 77.928 ng
RT: 10.098 min Scan# 1344
Delta R.T. 0.012 min
Lab File: BF143234.D
Acq: 24 Jul 2025 15:29



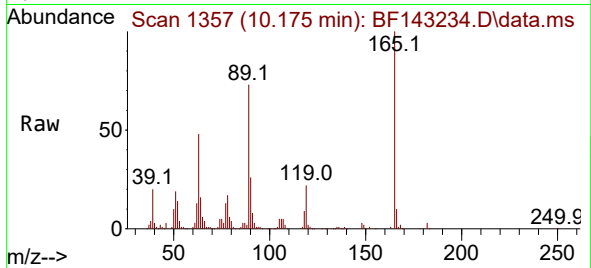
Tgt Ion:139 Resp: 169535
Ion Ratio Lower Upper
139 100
109 68.8 48.5 88.5
65 99.5 83.4 123.4





#57
2,4-Dinitrotoluene
Concen: 47.192 ng
RT: 10.175 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143234.D
Acq: 24 Jul 2025 15:29

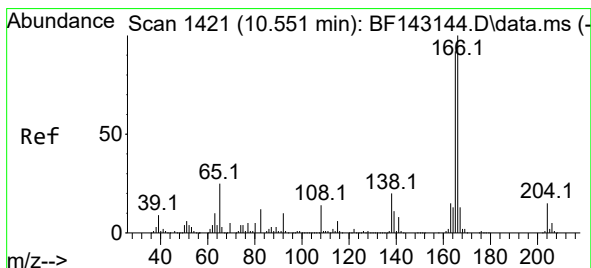
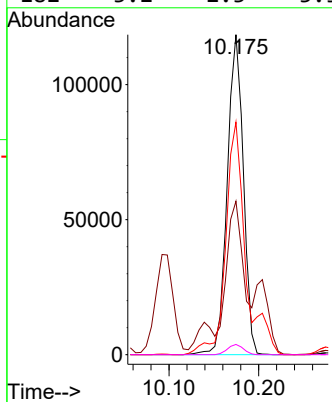
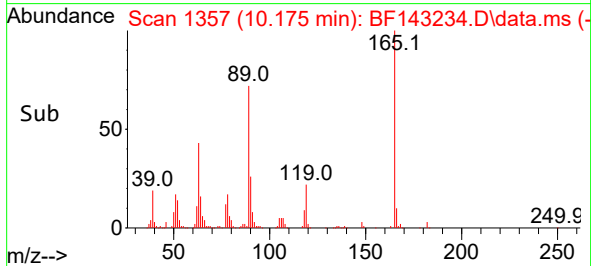
Instrument :
BNA_F
ClientSampleId :
TP-2MSD



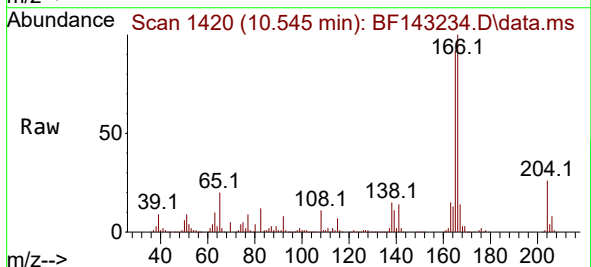
Tgt Ion:165 Resp: 147470
Ion Ratio Lower Upper
165 100
63 48.0 41.0 61.4
89 72.6 61.1 91.7
182 3.2 2.3 3.5

Manual Integrations
APPROVED

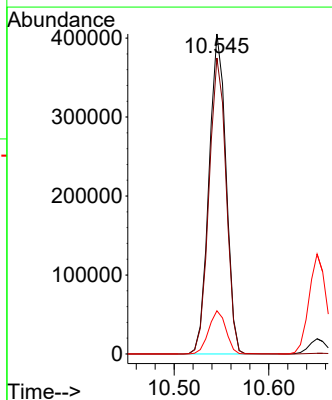
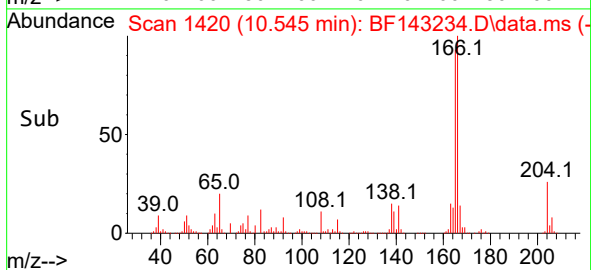
Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025

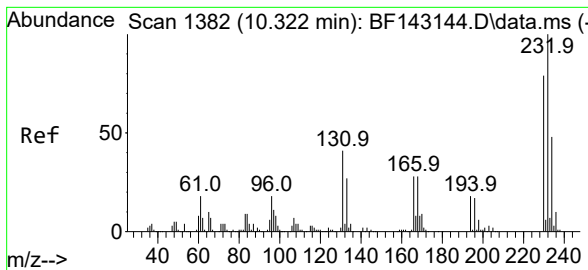


#58
Fluorene
Concen: 42.323 ng
RT: 10.545 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF143234.D
Acq: 24 Jul 2025 15:29



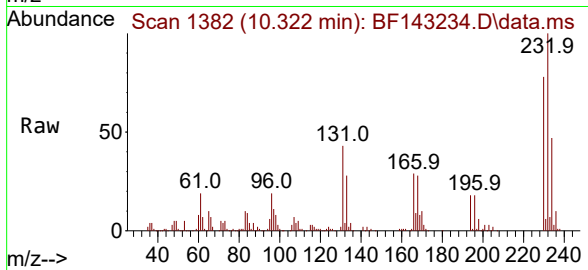
Tgt Ion:166 Resp: 506529
Ion Ratio Lower Upper
166 100
165 92.5 73.7 110.5
167 13.5 10.6 16.0





#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.380 ng
 RT: 10.322 min Scan# 1382
 Delta R.T. 0.000 min
 Lab File: BF143234.D
 Acq: 24 Jul 2025 15:29

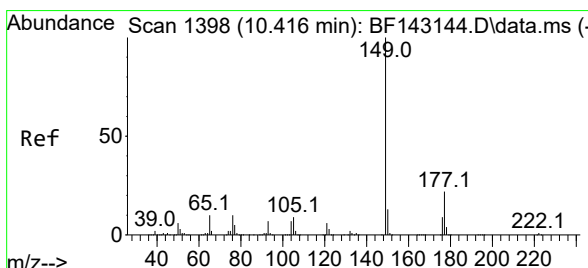
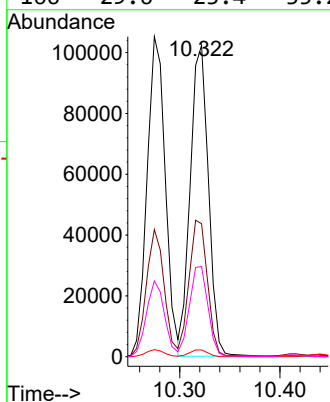
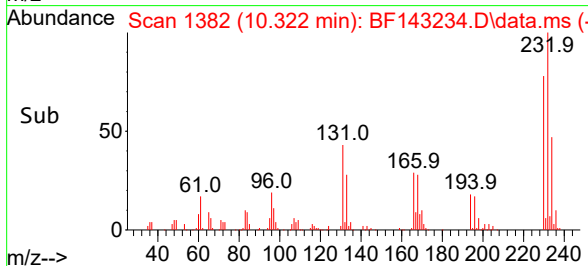
Instrument :
 BNA_F
 ClientSampleId :
 TP-2MSD



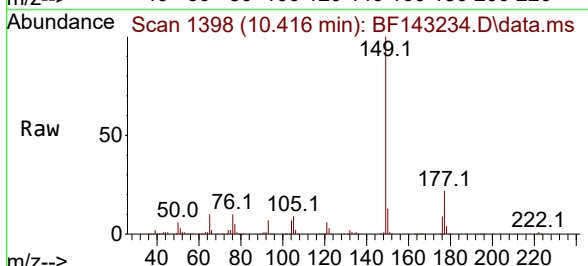
Tgt Ion:232 Resp: 128690
 Ion Ratio Lower Upper
 232 100
 131 44.7 35.3 52.9
 130 2.2 1.7 2.5
 166 29.6 23.4 35.2

Manual Integrations
 APPROVED

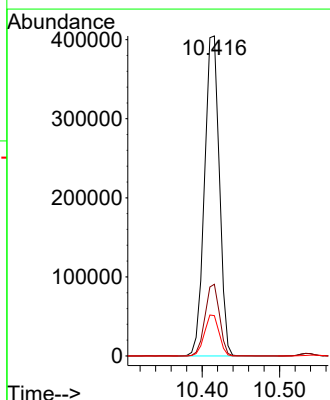
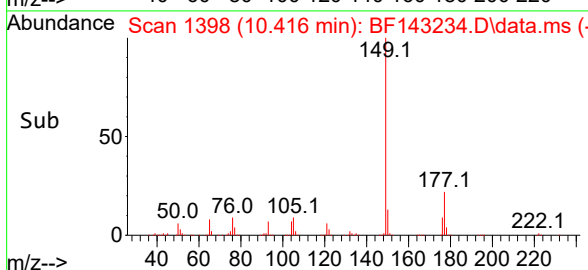
Reviewed By :Rahul Chavli 07/25/2025
 Supervised By :Jagrut Upadhyay 07/25/2025

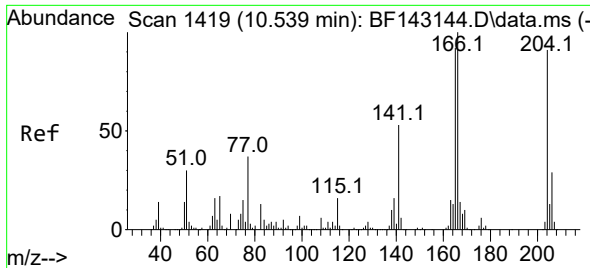


#60
 Diethylphthalate
 Concen: 44.451 ng
 RT: 10.416 min Scan# 1398
 Delta R.T. 0.000 min
 Lab File: BF143234.D
 Acq: 24 Jul 2025 15:29



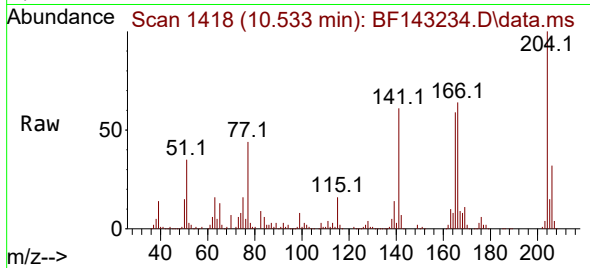
Tgt Ion:149 Resp: 537944
 Ion Ratio Lower Upper
 149 100
 177 22.4 17.5 26.3
 150 12.6 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 43.118 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF143234.D
Acq: 24 Jul 2025 15:29

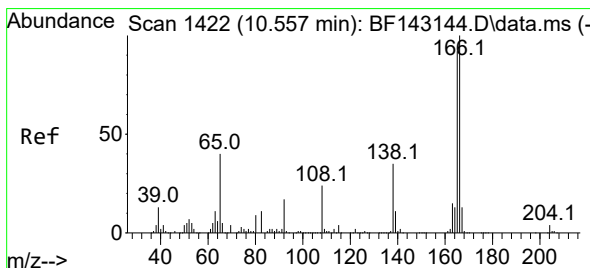
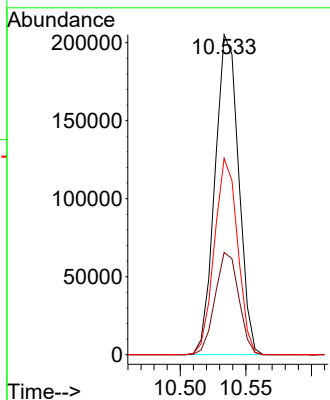
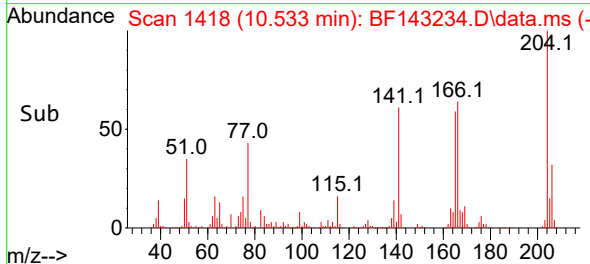
Instrument :
BNA_F
ClientSampleId :
TP-2MSD



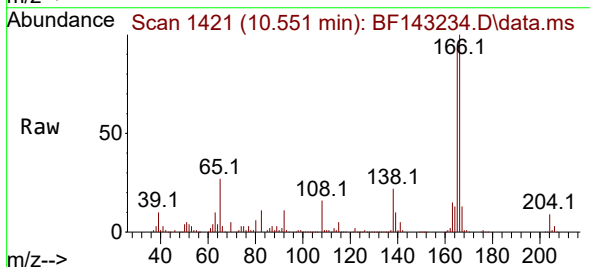
Tgt Ion:204 Resp: 256960
Ion Ratio Lower Upper
204 100
206 31.9 25.8 38.8
141 61.3 47.0 70.4

Manual Integrations
APPROVED

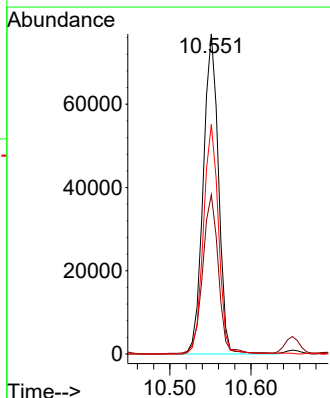
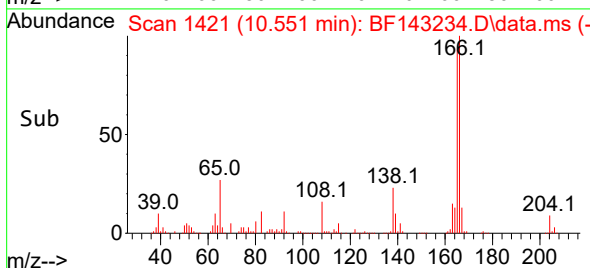
Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025

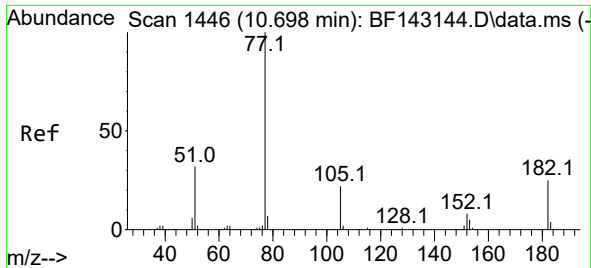


#62
4-Nitroaniline
Concen: 40.028 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF143234.D
Acq: 24 Jul 2025 15:29



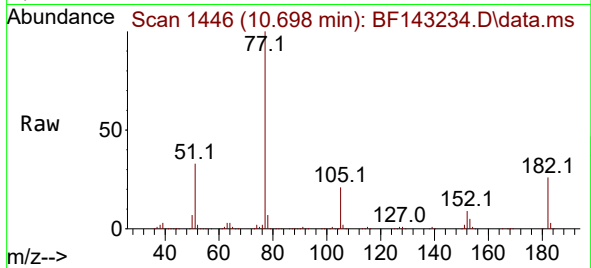
Tgt Ion:138 Resp: 99945
Ion Ratio Lower Upper
138 100
92 49.8 29.3 69.3
108 71.7 48.3 88.3





#63
Azobenzene
Concen: 41.681 ng
RT: 10.698 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BF143234.D
Acq: 24 Jul 2025 15:29

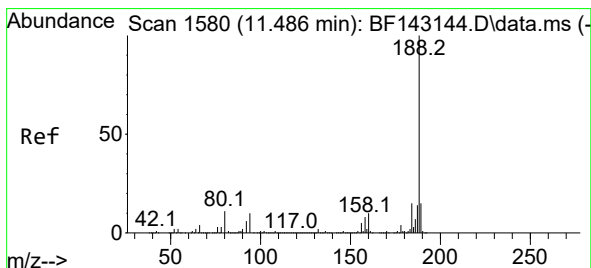
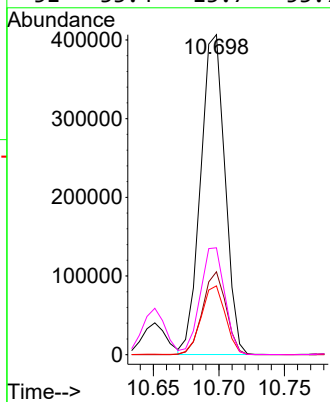
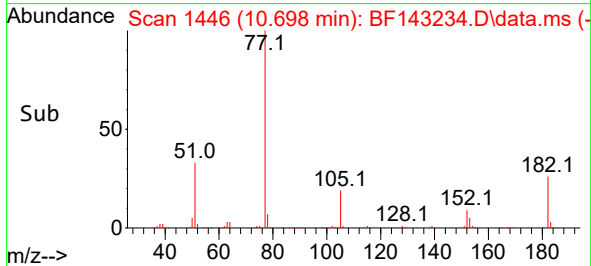
Instrument :
BNA_F
ClientSampleId :
TP-2MSD



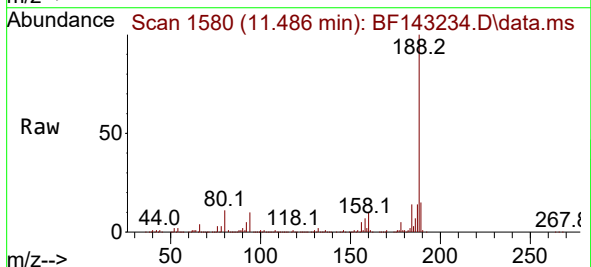
Tgt Ion: 77 Resp: 525715
Ion Ratio Lower Upper
77 100
182 25.9 4.6 44.6
105 21.5 1.4 41.4
51 33.4 13.7 53.7

Manual Integrations
APPROVED

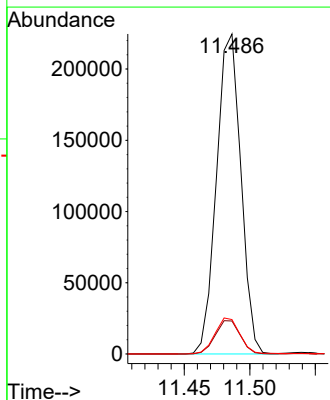
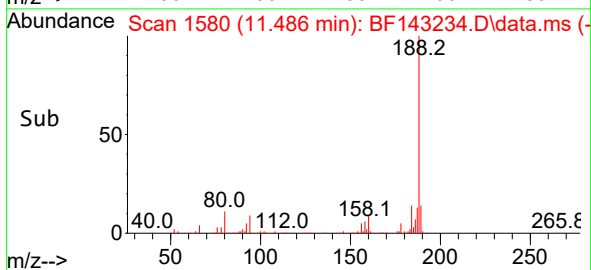
Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025

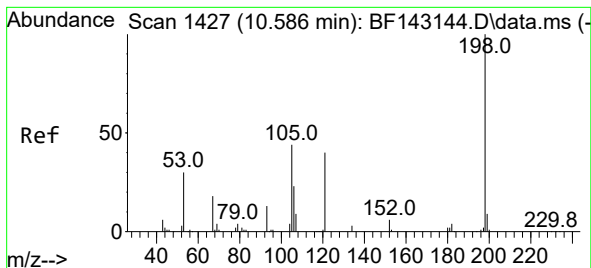


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143234.D
Acq: 24 Jul 2025 15:29



Tgt Ion:188 Resp: 290285
Ion Ratio Lower Upper
188 100
94 10.3 8.3 12.5
80 10.8 9.0 13.6





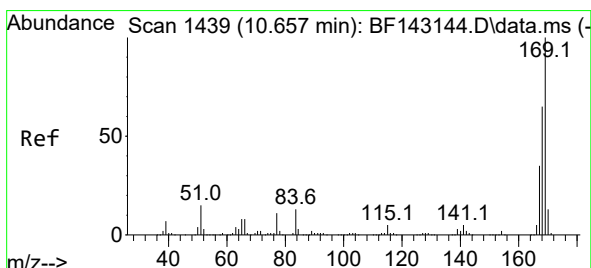
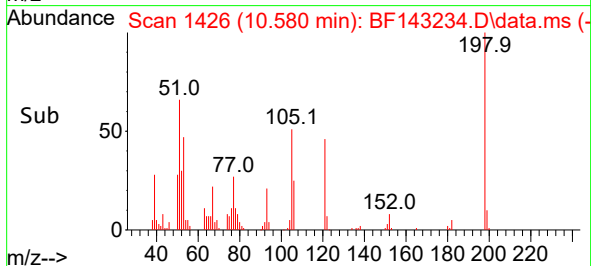
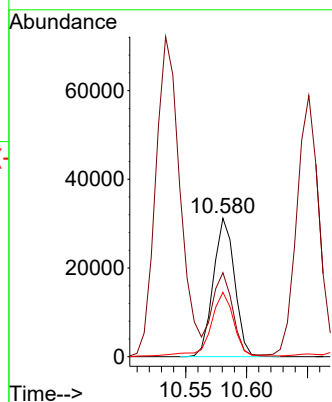
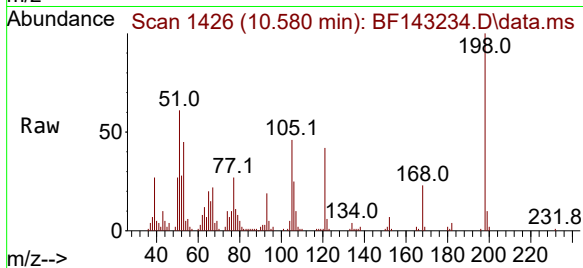
#65
4,6-Dinitro-2-methylphenol
Concen: 27.553 ng
RT: 10.580 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF143234.D
Acq: 24 Jul 2025 15:29

Instrument :
BNA_F
ClientSampleId :
TP-2MSD

Tgt Ion:198 Resp: 37974
Ion Ratio Lower Upper
198 100
51 60.6 37.2 77.2
105 46.4 24.8 64.8

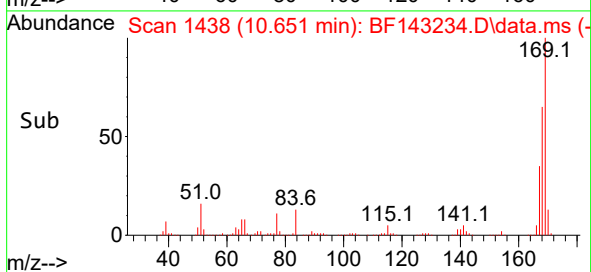
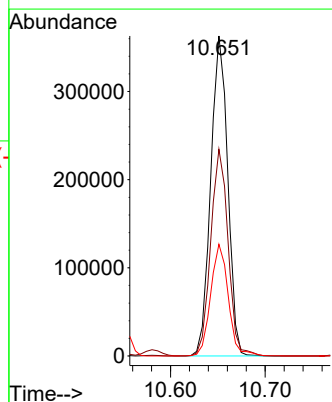
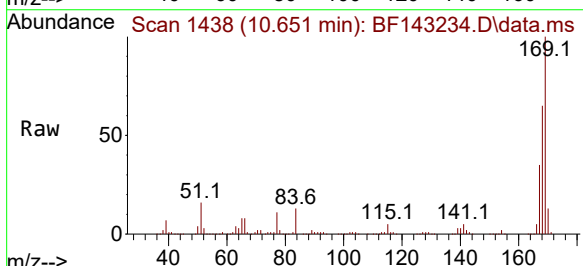
Manual Integrations
APPROVED

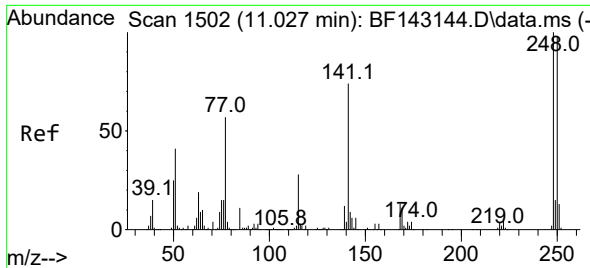
Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025



#66
n-Nitrosodiphenylamine
Concen: 44.177 ng
RT: 10.651 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF143234.D
Acq: 24 Jul 2025 15:29

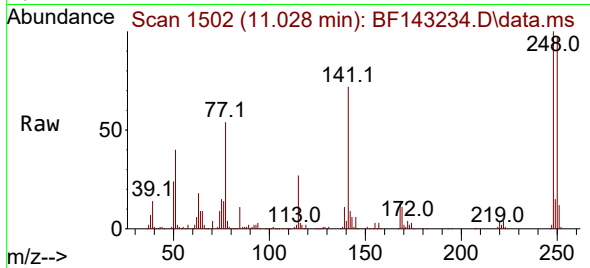
Tgt Ion:169 Resp: 451570
Ion Ratio Lower Upper
169 100
168 64.6 52.1 78.1
167 34.9 28.2 42.2





#67
4-Bromophenyl-phenylether
Concen: 43.880 ng
RT: 11.028 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF143234.D
Acq: 24 Jul 2025 15:29

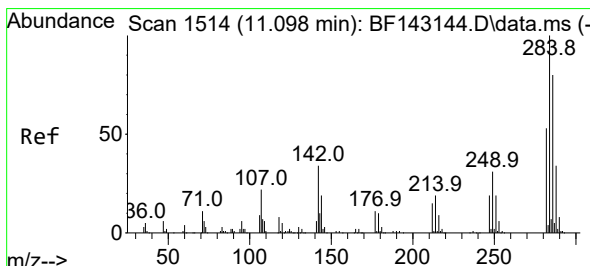
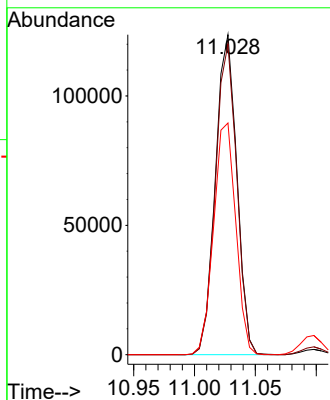
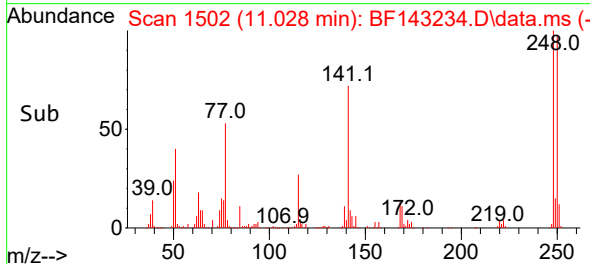
Instrument :
BNA_F
ClientSampleId :
TP-2MSD



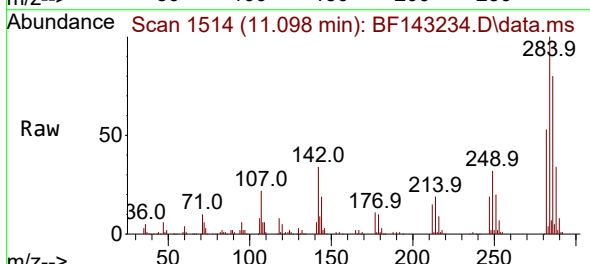
Tgt Ion:248 Resp: 151798
Ion Ratio Lower Upper
248 100
250 97.1 78.3 117.5
141 72.4 59.2 88.8

Manual Integrations
APPROVED

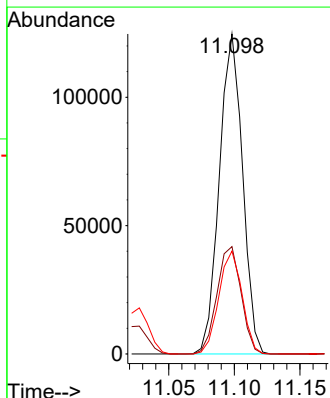
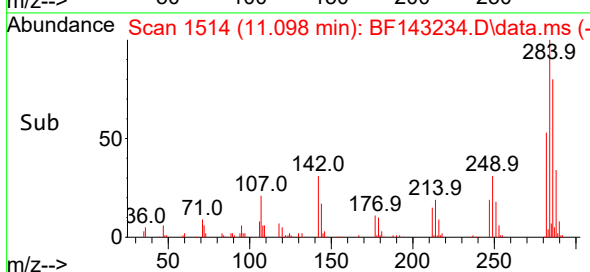
Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025

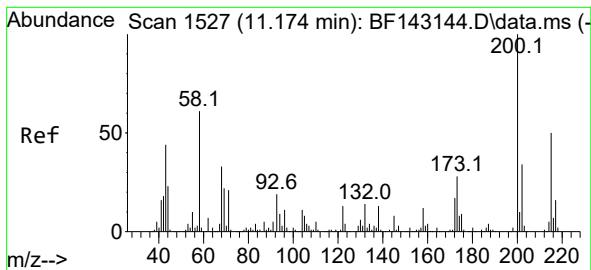


#68
Hexachlorobenzene
Concen: 42.359 ng
RT: 11.098 min Scan# 1514
Delta R.T. 0.000 min
Lab File: BF143234.D
Acq: 24 Jul 2025 15:29



Tgt Ion:284 Resp: 153163
Ion Ratio Lower Upper
284 100
142 33.5 27.0 40.6
249 32.1 25.0 37.6





#69

Atrazine

Concen: 48.813 ng

RT: 11.175 min Scan# 1527

Delta R.T. 0.000 min

Lab File: BF143234.D

Acq: 24 Jul 2025 15:29

Instrument :

BNA_F

ClientSampleId :

TP-2MSD

Tgt Ion:200 Resp: 137558

Ion Ratio Lower Upper

200 100

173 27.3 7.9 47.9

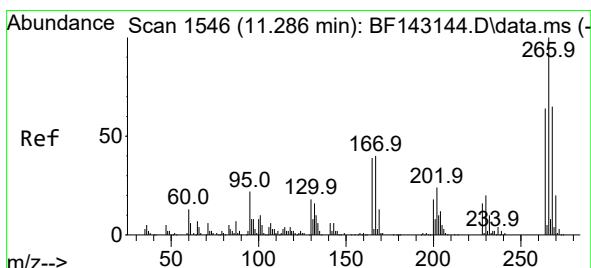
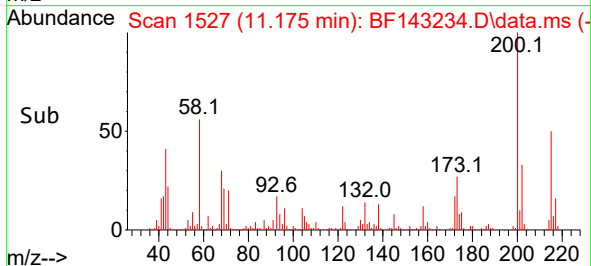
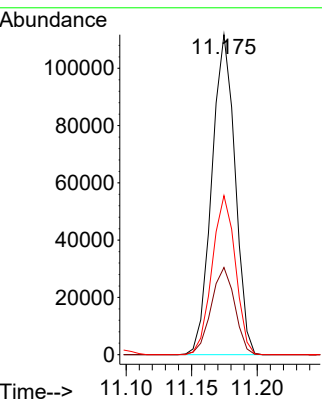
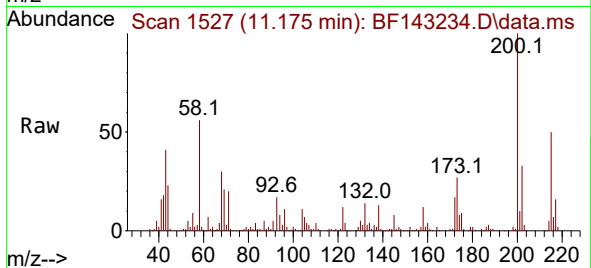
215 49.7 30.1 70.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/25/2025

Supervised By :Jagrut Upadhyay 07/25/2025



#70

Pentachlorophenol

Concen: 75.186 ng

RT: 11.286 min Scan# 1546

Delta R.T. 0.000 min

Lab File: BF143234.D

Acq: 24 Jul 2025 15:29

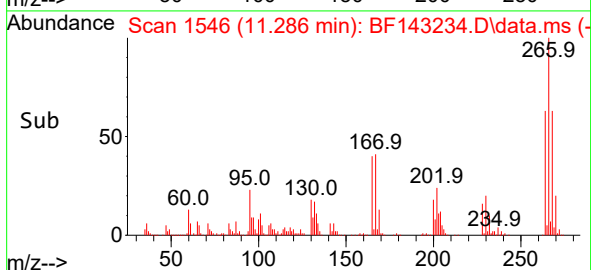
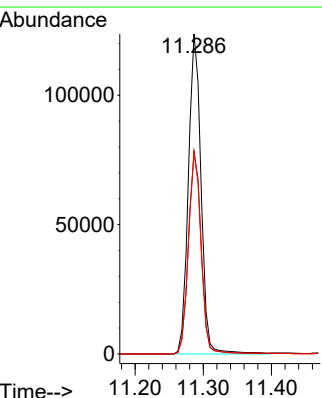
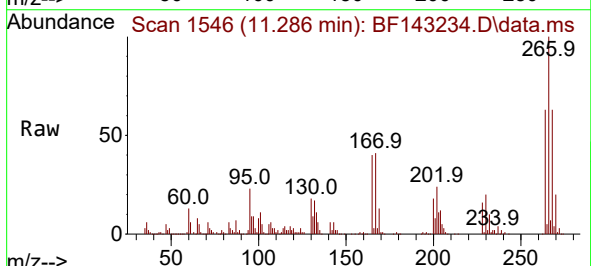
Tgt Ion:266 Resp: 159875

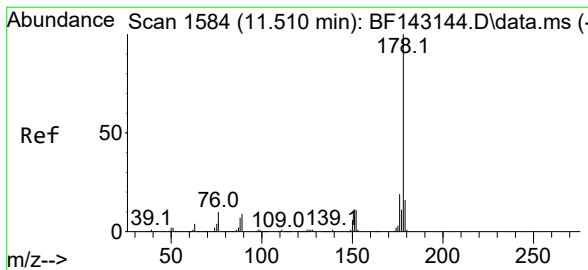
Ion Ratio Lower Upper

266 100

268 63.4 51.9 77.9

264 62.9 51.0 76.6





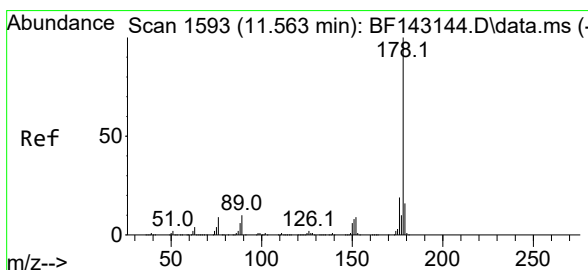
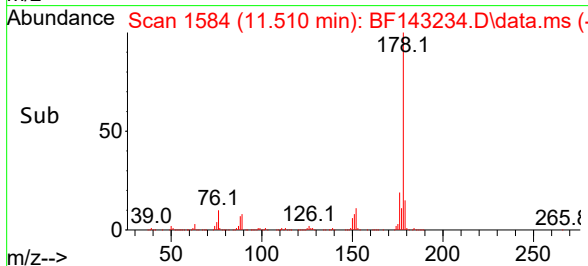
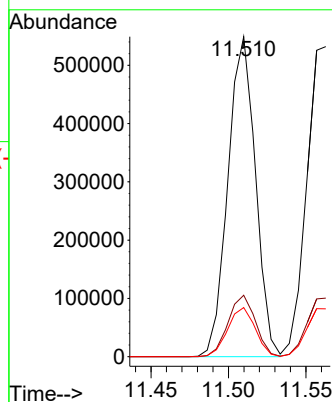
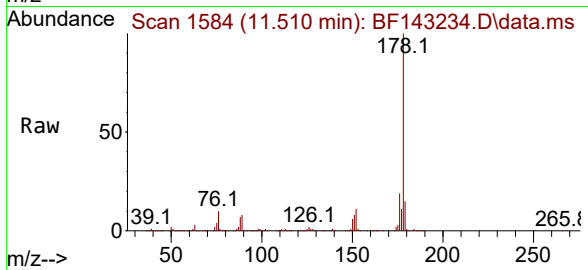
#71
Phenanthrene
Concen: 44.002 ng
RT: 11.510 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF143234.D
Acq: 24 Jul 2025 15:29

Instrument :
BNA_F
ClientSampleId :
TP-2MSD

Tgt Ion:178 Resp: 678210
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.4 12.5 18.7

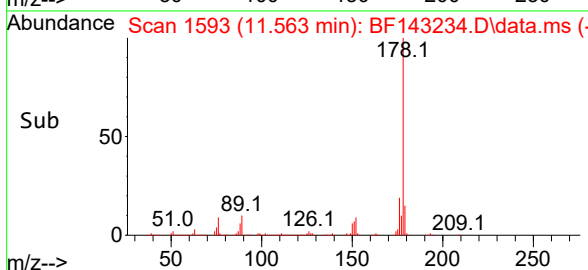
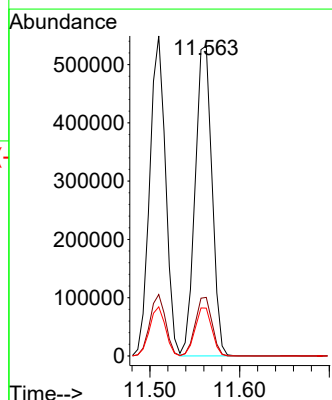
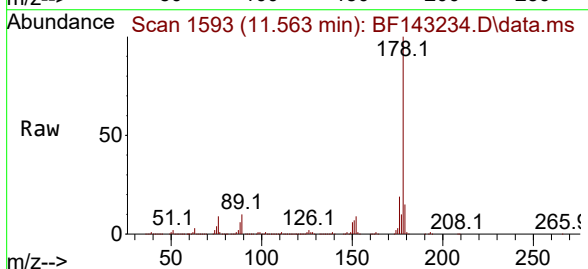
Manual Integrations
APPROVED

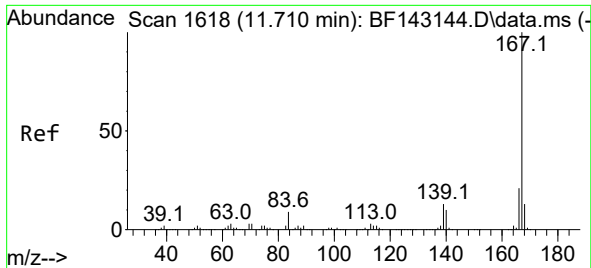
Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025



#72
Anthracene
Concen: 44.073 ng
RT: 11.563 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF143234.D
Acq: 24 Jul 2025 15:29

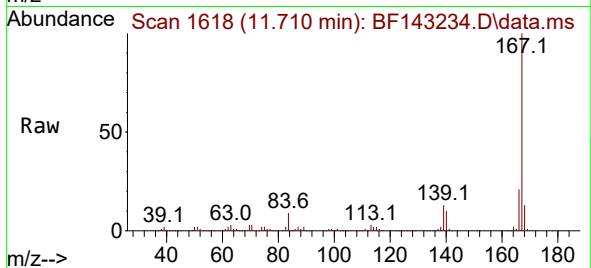
Tgt Ion:178 Resp: 692819
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.4
179 15.4 12.5 18.7





#73
 Carbazole
 Concen: 47.129 ng
 RT: 11.710 min Scan# 1618
 Delta R.T. 0.000 min
 Lab File: BF143234.D
 Acq: 24 Jul 2025 15:29

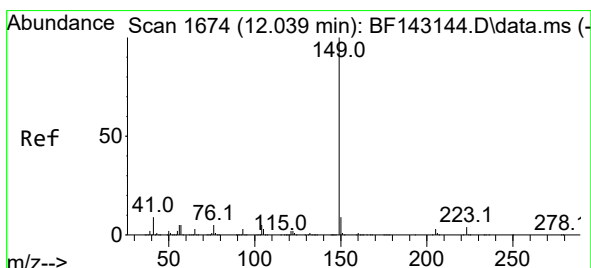
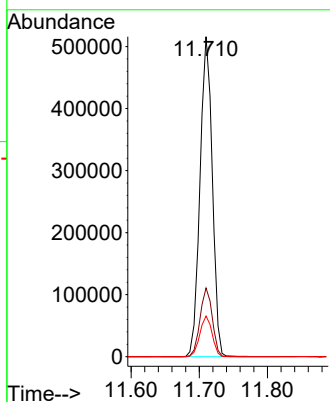
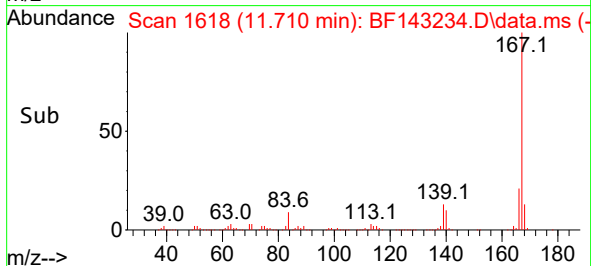
Instrument :
 BNA_F
 ClientSampleId :
 TP-2MSD



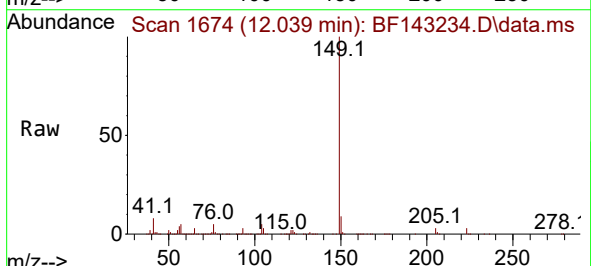
Tgt Ion:167 Resp: 646920
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.0 25.6
 139 12.7 10.0 15.0

Manual Integrations
 APPROVED

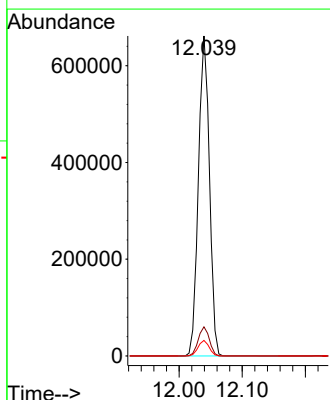
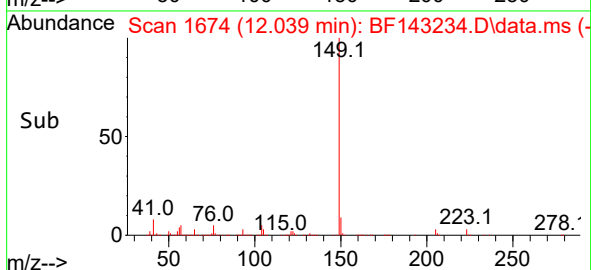
Reviewed By :Rahul Chavli 07/25/2025
 Supervised By :Jagrut Upadhyay 07/25/2025

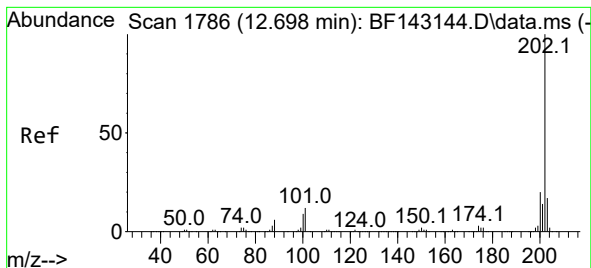


#74
 Di-n-butylphthalate
 Concen: 51.464 ng
 RT: 12.039 min Scan# 1674
 Delta R.T. 0.000 min
 Lab File: BF143234.D
 Acq: 24 Jul 2025 15:29



Tgt Ion:149 Resp: 799311
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 4.8 3.8 5.8





#75

Fluoranthene

Concen: 53.274 ng

RT: 12.698 min Scan# 1786

Delta R.T. 0.000 min

Lab File: BF143234.D

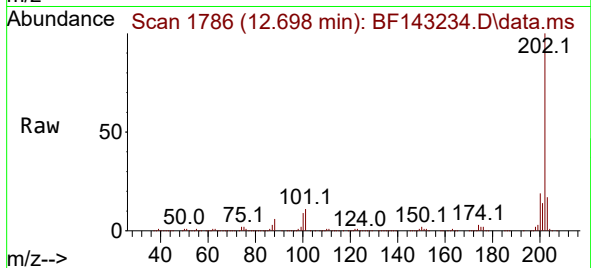
Acq: 24 Jul 2025 15:29

Instrument :

BNA_F

ClientSampleId :

TP-2MSD



Tgt Ion:202 Resp: 753680

Ion Ratio Lower Upper

202 100

101 11.1 0.0 31.7

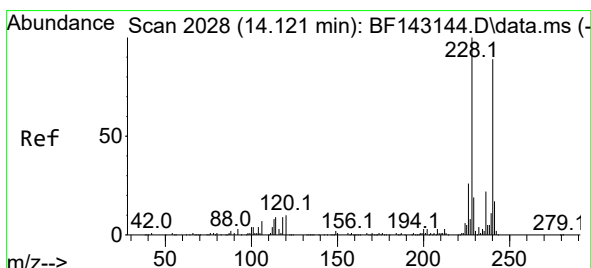
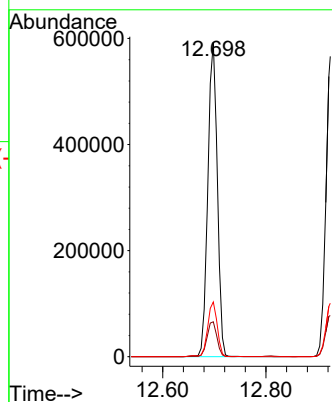
203 17.4 0.0 37.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/25/2025

Supervised By :Jagrut Upadhyay 07/25/2025



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.121 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF143234.D

Acq: 24 Jul 2025 15:29

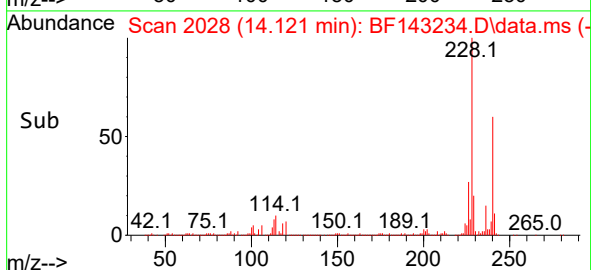
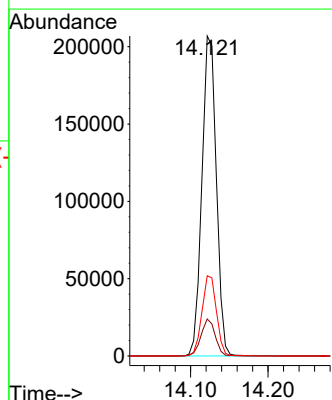
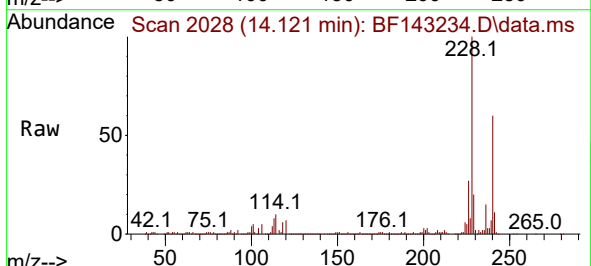
Tgt Ion:240 Resp: 267616

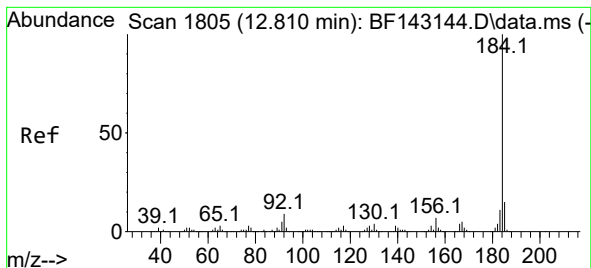
Ion Ratio Lower Upper

240 100

120 11.6 9.4 14.2

236 25.0 20.2 30.4





#77

Benzidine

Concen: 23.232 ng

RT: 12.810 min Scan# 1805

Delta R.T. -0.000 min

Lab File: BF143234.D

Acq: 24 Jul 2025 15:29

Instrument :

BNA_F

ClientSampleId :

TP-2MSD

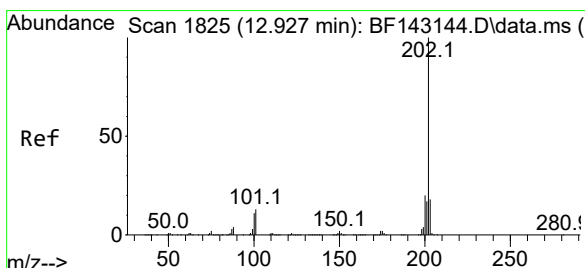
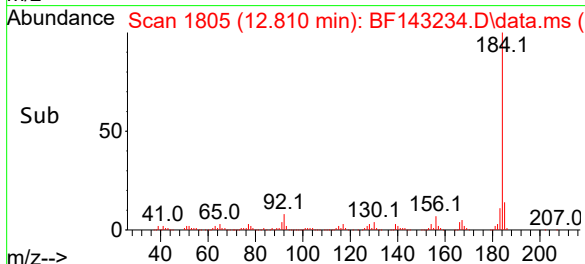
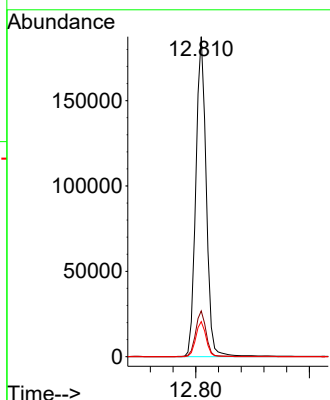
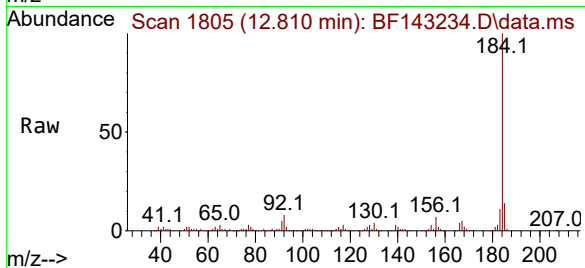
Tgt Ion:184 Resp: 23953
 Ion Ratio Lower Upper
 184 100
 185 14.3 12.2 18.4
 183 11.0 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/25/2025

Supervised By :Jagrut Upadhyay 07/25/2025



#78

Pyrene

Concen: 34.026 ng

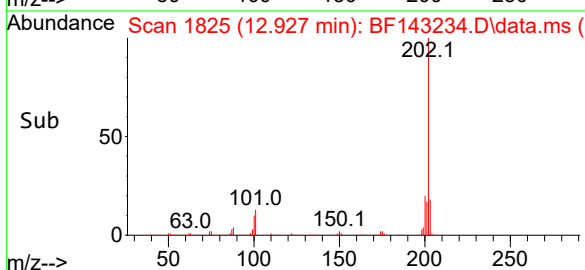
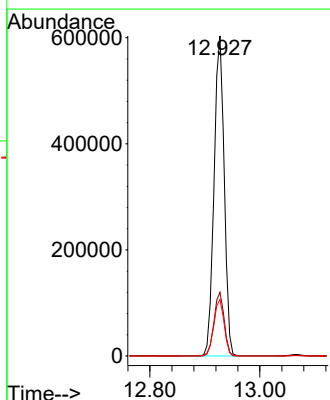
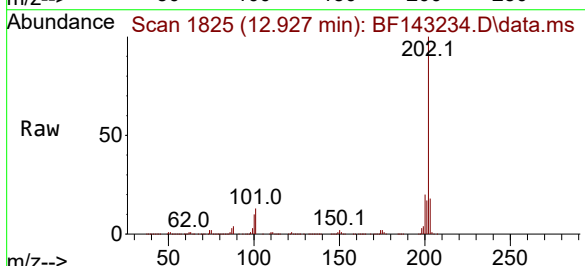
RT: 12.927 min Scan# 1825

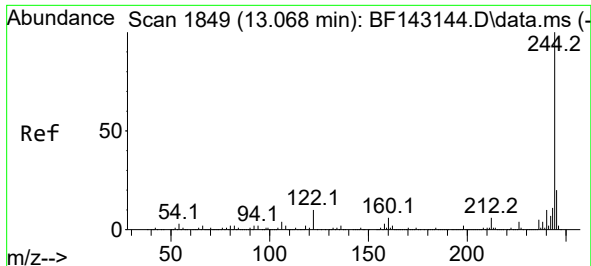
Delta R.T. 0.000 min

Lab File: BF143234.D

Acq: 24 Jul 2025 15:29

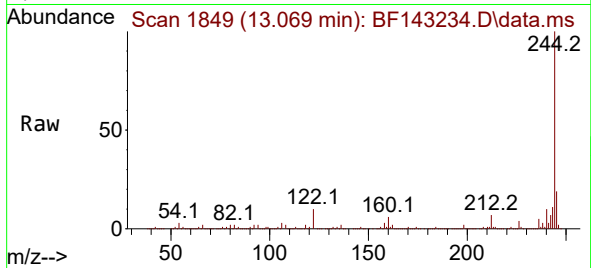
Tgt Ion:202 Resp: 777138
 Ion Ratio Lower Upper
 202 100
 200 19.9 15.7 23.5
 203 17.6 14.2 21.2





#79
 Terphenyl-d14
 Concen: 60.676 ng
 RT: 13.069 min Scan# 1849
 Delta R.T. 0.000 min
 Lab File: BF143234.D
 Acq: 24 Jul 2025 15:29

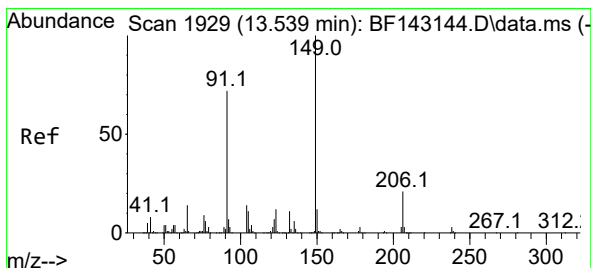
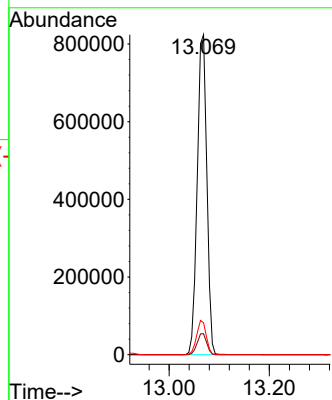
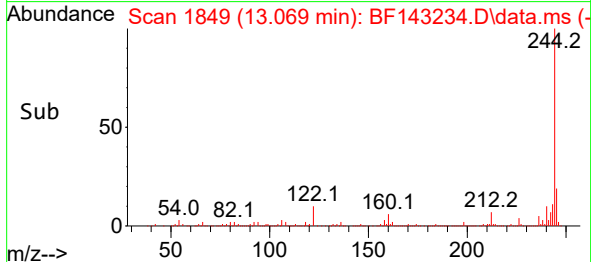
Instrument :
 BNA_F
 ClientSampleId :
 TP-2MSD



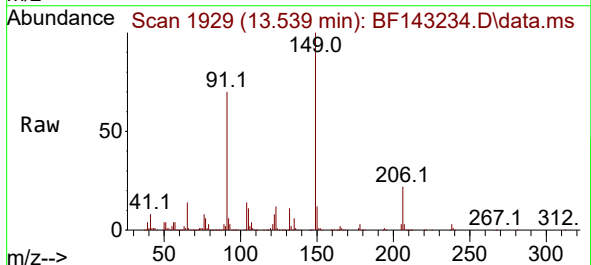
Tgt Ion:244 Resp: 1091184
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.2 7.8
 122 10.0 8.2 12.2

Manual Integrations
 APPROVED

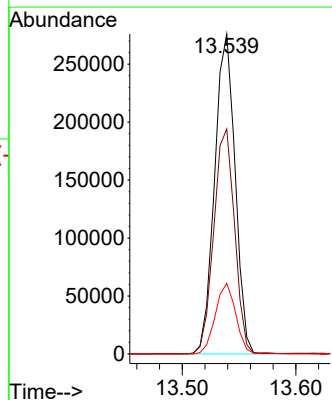
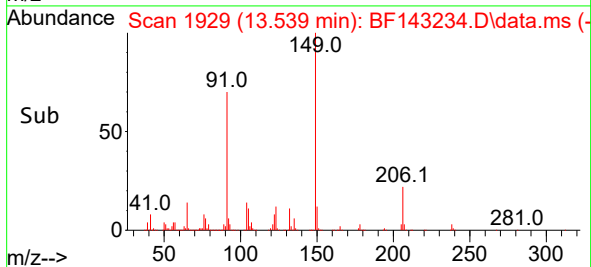
Reviewed By :Rahul Chavli 07/25/2025
 Supervised By :Jagrut Upadhyay 07/25/2025

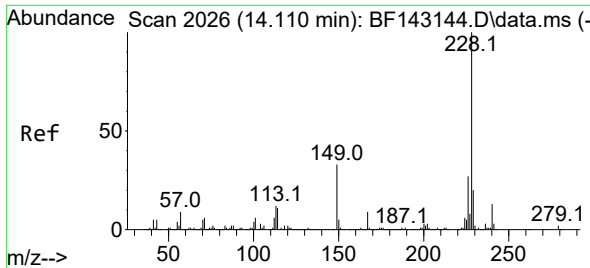


#80
 Butylbenzylphthalate
 Concen: 49.525 ng
 RT: 13.539 min Scan# 1929
 Delta R.T. 0.000 min
 Lab File: BF143234.D
 Acq: 24 Jul 2025 15:29



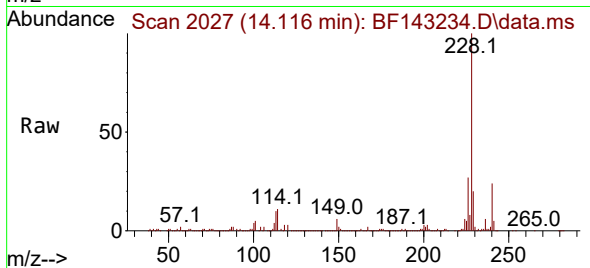
Tgt Ion:149 Resp: 346366
 Ion Ratio Lower Upper
 149 100
 91 70.3 57.9 86.9
 206 22.1 17.0 25.4





#81
Benzo(a)anthracene
Concen: 43.773 ng
RT: 14.116 min Scan# 2026
Delta R.T. 0.006 min
Lab File: BF143234.D
Acq: 24 Jul 2025 15:29

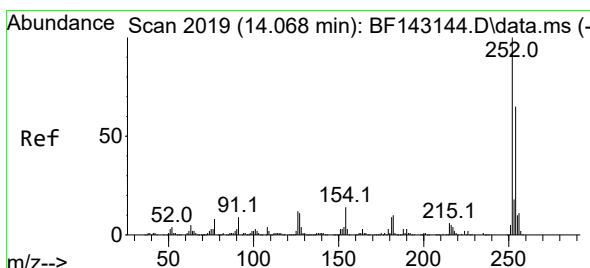
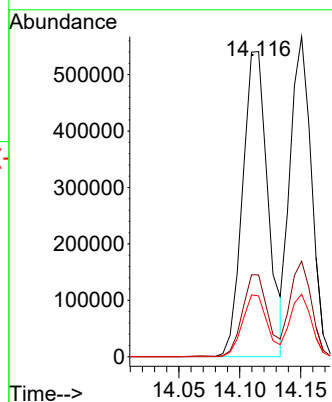
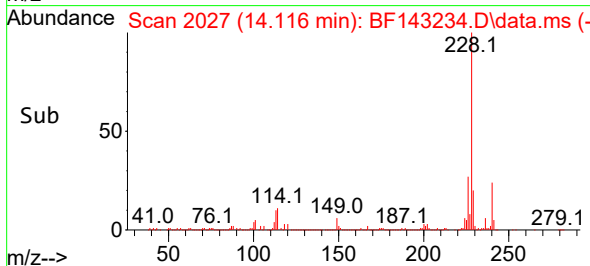
Instrument :
BNA_F
ClientSampleId :
TP-2MSD



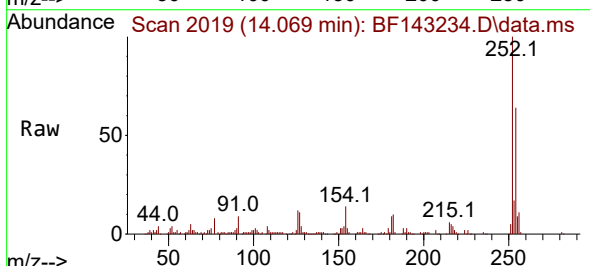
Tgt Ion:228 Resp: 784270
Ion Ratio Lower Upper
228 100
226 26.8 21.7 32.5
229 19.9 15.8 23.6

Manual Integrations
APPROVED

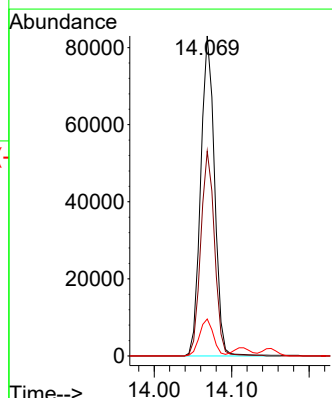
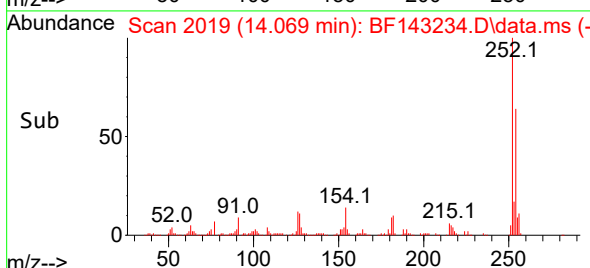
Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025

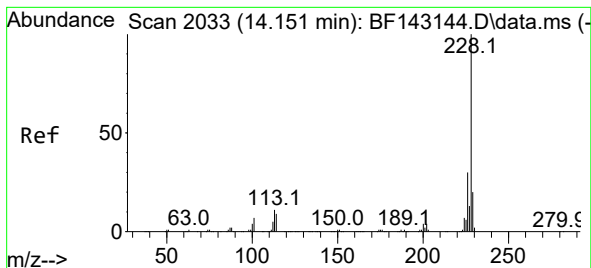


#82
3,3'-Dichlorobenzidine
Concen: 17.271 ng
RT: 14.069 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF143234.D
Acq: 24 Jul 2025 15:29



Tgt Ion:252 Resp: 103133
Ion Ratio Lower Upper
252 100
254 64.0 51.7 77.5
126 11.6 9.4 14.0





#83

Chrysene

Concen: 42.603 ng

RT: 14.151 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF143234.D

Acq: 24 Jul 2025 15:29

Instrument :

BNA_F

ClientSampleId :

TP-2MSD

Tgt Ion:228 Resp: 686280

Ion Ratio Lower Upper

228 100

226 29.8 23.8 35.8

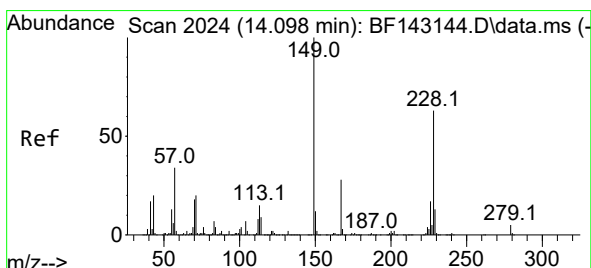
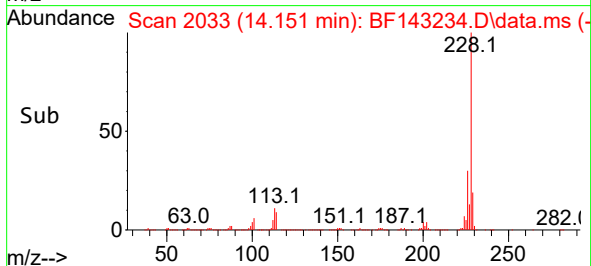
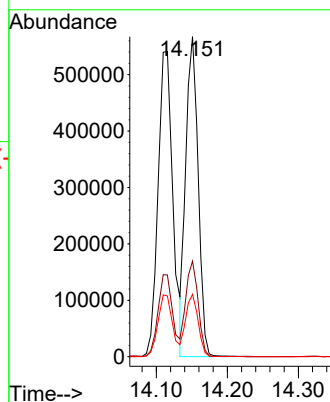
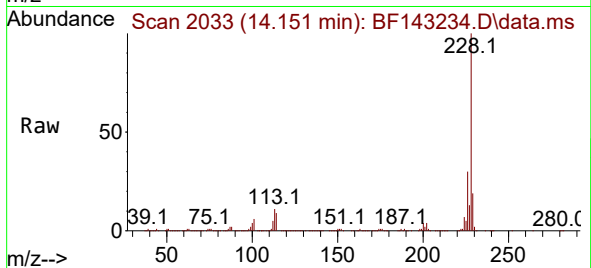
229 19.5 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/25/2025

Supervised By :Jagrut Upadhyay 07/25/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.999 ng

RT: 14.098 min Scan# 2024

Delta R.T. 0.000 min

Lab File: BF143234.D

Acq: 24 Jul 2025 15:29

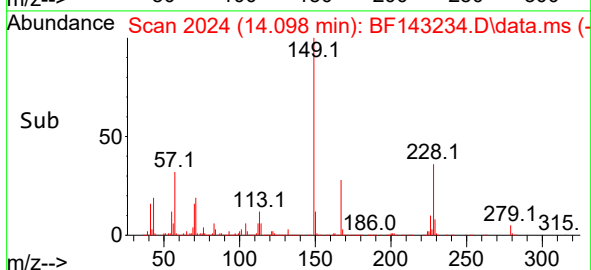
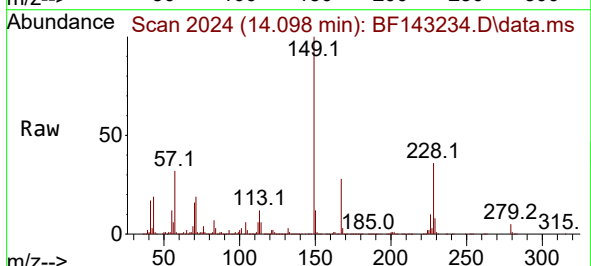
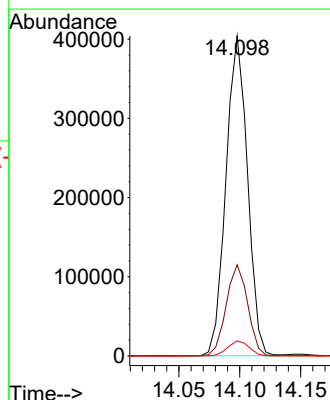
Tgt Ion:149 Resp: 497523

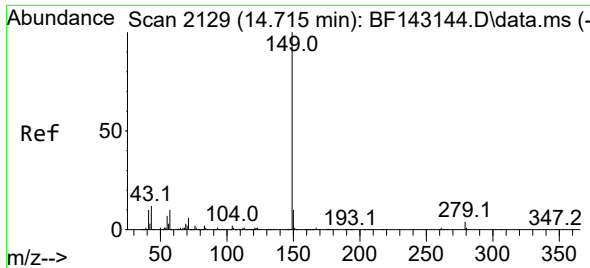
Ion Ratio Lower Upper

149 100

167 28.5 22.3 33.5

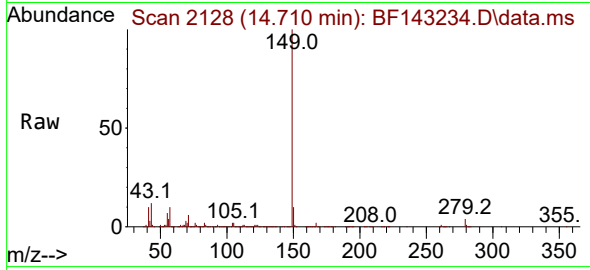
279 4.7 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 45.485 ng
RT: 14.710 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BF143234.D
Acq: 24 Jul 2025 15:29

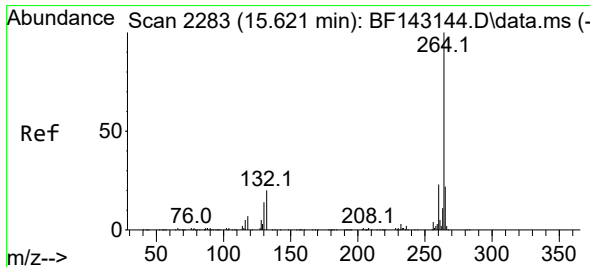
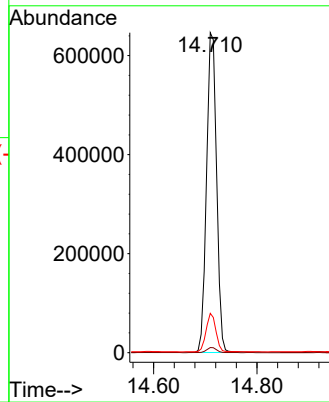
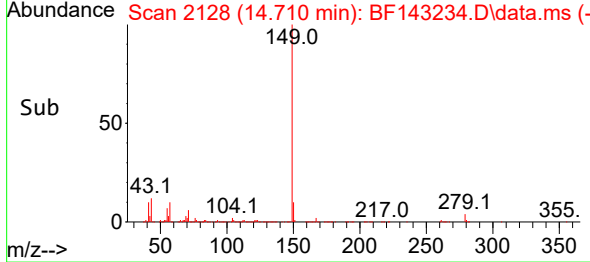
Instrument :
BNA_F
ClientSampleId :
TP-2MSD



Tgt Ion:149 Resp: 872775
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 11.8 9.7 14.5

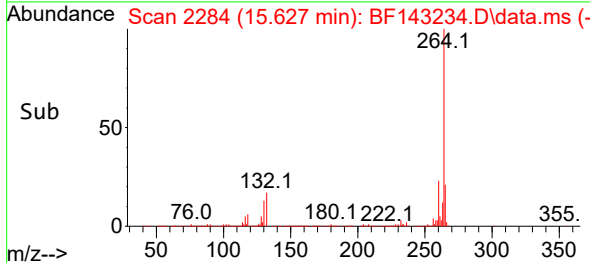
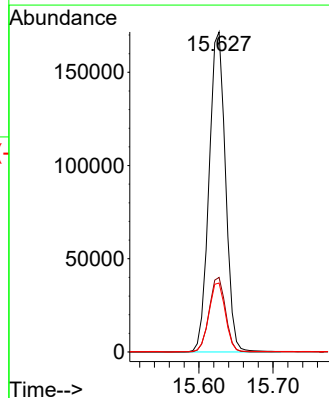
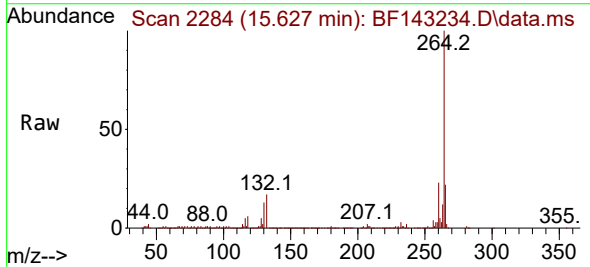
Manual Integrations
APPROVED

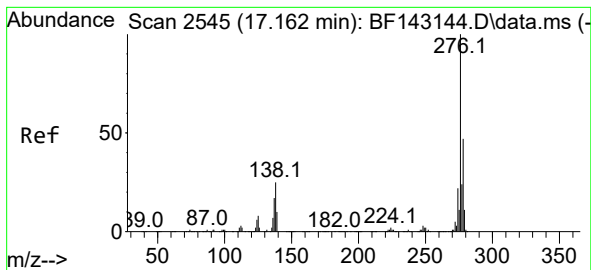
Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.627 min Scan# 2284
Delta R.T. 0.006 min
Lab File: BF143234.D
Acq: 24 Jul 2025 15:29

Tgt Ion:264 Resp: 264420
Ion Ratio Lower Upper
264 100
260 23.3 18.5 27.7
265 21.6 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 29.105 ng

RT: 17.162 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF143234.D

Acq: 24 Jul 2025 15:29

Instrument :

BNA_F

ClientSampleId :

TP-2MSD

Tgt Ion:276 Resp: 54266

Ion Ratio Lower Upper

276 100

138 26.6 21.8 32.6

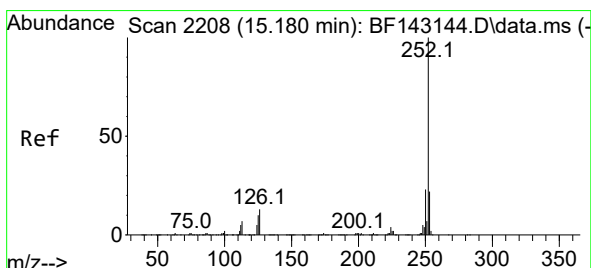
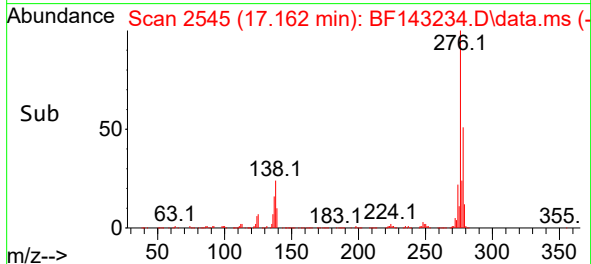
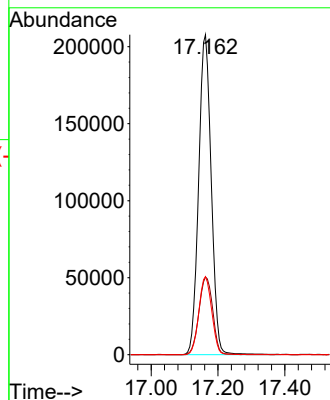
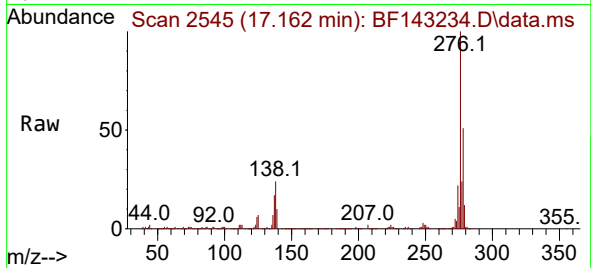
277 24.9 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/25/2025

Supervised By :Jagrut Upadhyay 07/25/2025



#88

Benzo(b)fluoranthene

Concen: 48.826 ng

RT: 15.180 min Scan# 2208

Delta R.T. 0.000 min

Lab File: BF143234.D

Acq: 24 Jul 2025 15:29

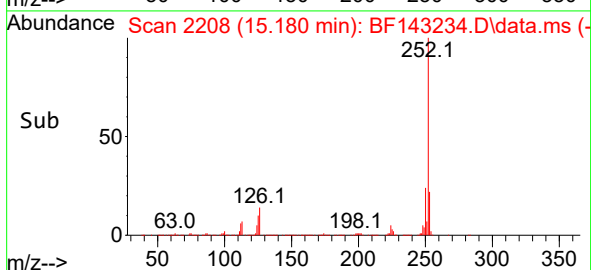
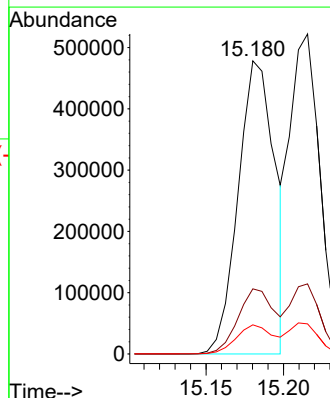
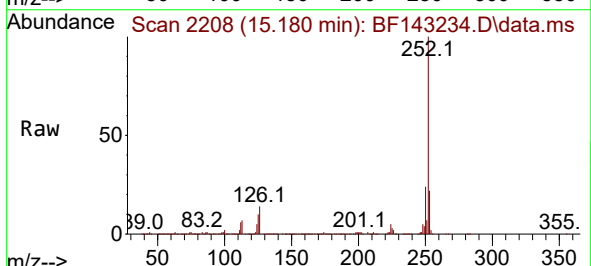
Tgt Ion:252 Resp: 788712

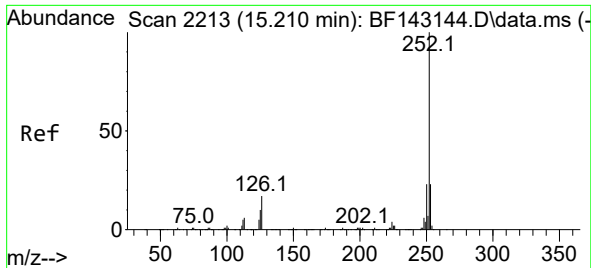
Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

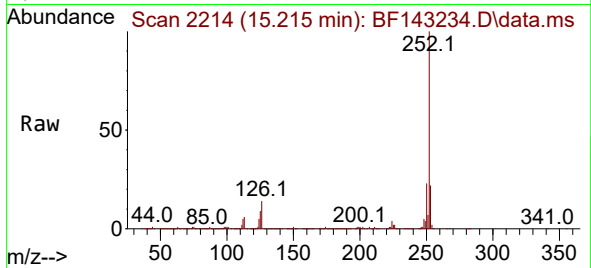
125 10.0 8.0 12.0





#89
Benzo(k)fluoranthene
Concen: 48.576 ng
RT: 15.215 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF143234.D
Acq: 24 Jul 2025 15:29

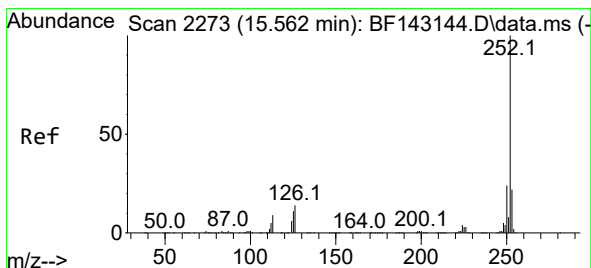
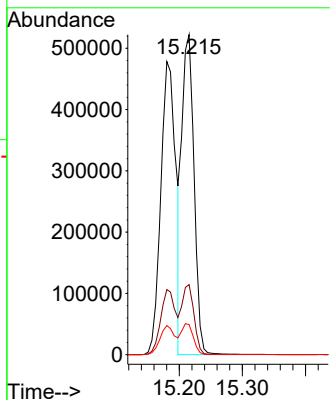
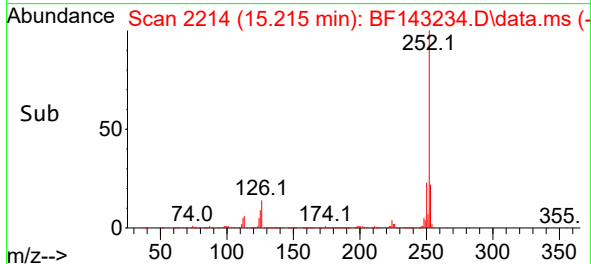
Instrument :
BNA_F
ClientSampleId :
TP-2MSD



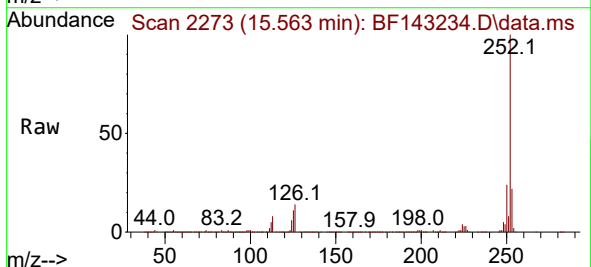
Tgt Ion:252 Resp: 70020
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.6
125 9.4 8.1 12.1

Manual Integrations
APPROVED

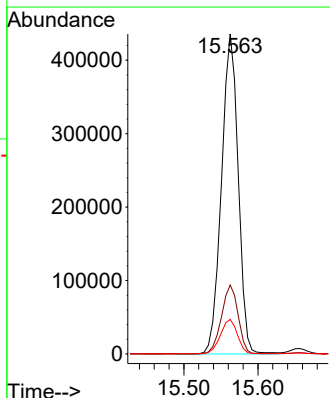
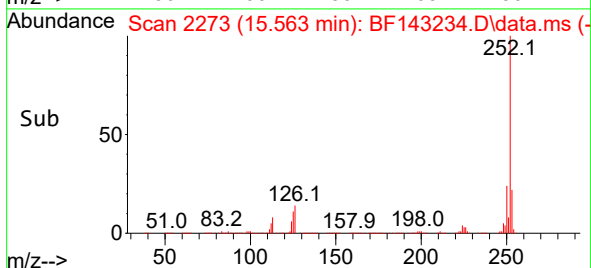
Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025

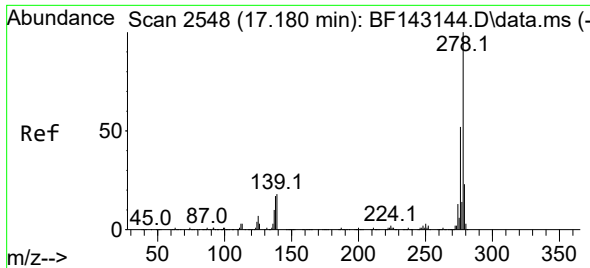


#90
Benzo(a)pyrene
Concen: 45.906 ng
RT: 15.563 min Scan# 2273
Delta R.T. 0.000 min
Lab File: BF143234.D
Acq: 24 Jul 2025 15:29



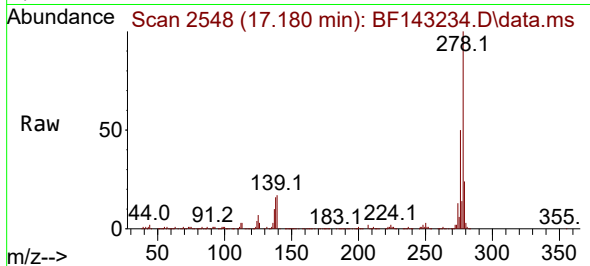
Tgt Ion:252 Resp: 683229
Ion Ratio Lower Upper
252 100
253 21.5 17.3 25.9
125 10.8 8.6 13.0





#91
Dibenzo(a,h)anthracene
Concen: 29.551 ng
RT: 17.180 min Scan# 2548
Delta R.T. 0.000 min
Lab File: BF143234.D
Acq: 24 Jul 2025 15:29

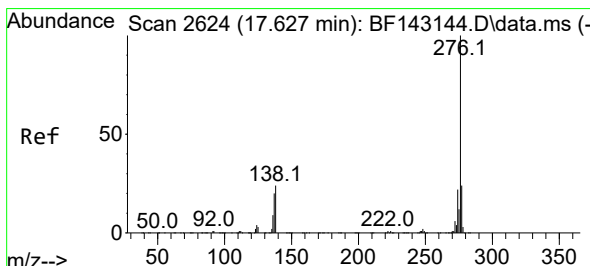
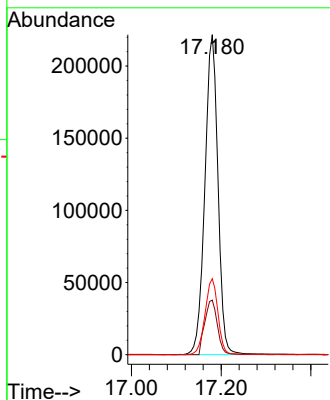
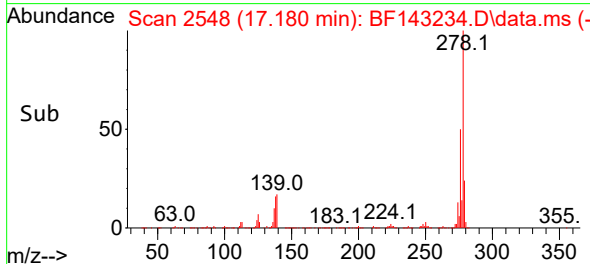
Instrument :
BNA_F
ClientSampleId :
TP-2MSD



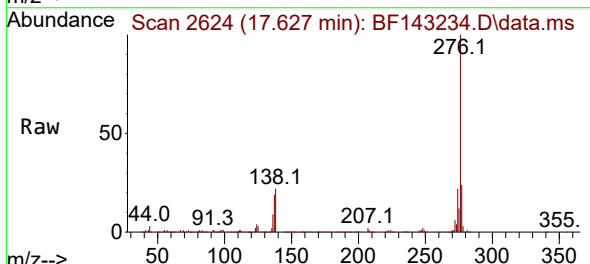
Tgt Ion:278 Resp: 448469
Ion Ratio Lower Upper
278 100
139 17.1 14.1 21.1
279 23.8 18.6 28.0

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025



#92
Benzo(g,h,i)perylene
Concen: 26.951 ng
RT: 17.627 min Scan# 2624
Delta R.T. 0.000 min
Lab File: BF143234.D
Acq: 24 Jul 2025 15:29



Tgt Ion:276 Resp: 395648
Ion Ratio Lower Upper
276 100
277 23.5 19.1 28.7
138 22.3 18.9 28.3

