

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080425\
 Data File : BF143292.D
 Acq On : 04 Aug 2025 13:08
 Operator : RC/JU
 Sample : PB169095BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169095BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/05/2025
 Supervised By :Jagrut Upadhyay 08/05/2025

Quant Time: Aug 04 13:38:00 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)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	122717	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	482215	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	245125	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	389309	20.000	ng	0.00
76) Chrysene-d12	14.127	240	234823	20.000	ng	0.00
86) Perylene-d12	15.633	264	261898	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	938002	120.958	ng	0.02
7) Phenol-d6	6.593	99	1195466	122.476	ng	0.00
23) Nitrobenzene-d5	7.522	82	783452	80.986	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	326895	129.091	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1409418	78.635	ng	0.00
79) Terphenyl-d14	13.069	244	1283769	81.354	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.887	88	139133	37.917	ng	99
3) Pyridine	3.646	79	388592	40.801	ng	97
4) n-Nitrosodimethylamine	3.587	42	219431	44.624	ng	97
6) Aniline	6.622	93	508111	37.351	ng	98
8) 2-Chlorophenol	6.745	128	369701	45.481	ng	99
9) Benzaldehyde	6.510	77	233561	31.911	ng	98
10) Phenol	6.604	94	487044	45.803	ng	95
11) bis(2-Chloroethyl)ether	6.693	93	373520	45.877	ng	99
12) 1,3-Dichlorobenzene	6.904	146	388909	44.043	ng	99
13) 1,4-Dichlorobenzene	6.981	146	389201	43.767	ng	99
14) 1,2-Dichlorobenzene	7.134	146	381372	45.091	ng	98
15) Benzyl Alcohol	7.098	79	332218	44.576	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.234	45	683262	45.240	ng	98
17) 2-Methylphenol	7.210	107	305099	44.640	ng	99
18) Hexachloroethane	7.475	117	140665	45.693	ng	98
19) n-Nitroso-di-n-propyla...	7.369	70	272468	43.510	ng	100
20) 3+4-Methylphenols	7.357	107	371909	44.850	ng	# 87
22) Acetophenone	7.363	105	495714	43.421	ng	96
24) Nitrobenzene	7.540	77	404106	44.806	ng	100
25) Isophorone	7.775	82	759616	44.480	ng	99
26) 2-Nitrophenol	7.857	139	195580	49.966	ng	97
27) 2,4-Dimethylphenol	7.887	122	344953	43.234	ng	99
28) bis(2-Chloroethoxy)met...	7.981	93	460814	45.005	ng	100
29) 2,4-Dichlorophenol	8.098	162	300481	44.656	ng	100
30) 1,2,4-Trichlorobenzene	8.181	180	320429	44.079	ng	99
31) Naphthalene	8.263	128	1057515	44.530	ng	100
32) Benzoic acid	7.998	122	190009	42.893	ng	99
33) 4-Chloroaniline	8.304	127	253728	26.166	ng	100
34) Hexachlorobutadiene	8.387	225	196791	44.315	ng	100
35) Caprolactam	8.669	113	99534m	48.952	ng	
36) 4-Chloro-3-methylphenol	8.787	107	328600	44.930	ng	98
37) 2-Methylnaphthalene	8.957	142	643553	44.532	ng	100
38) 1-Methylnaphthalene	9.057	142	664217	44.634	ng	100
40) 1,2,4,5-Tetrachloroben...	9.122	216	309481	43.730	ng	99
41) Hexachlorocyclopentadiene	9.116	237	382773	83.125	ng	99
43) 2,4,6-Trichlorophenol	9.234	196	211052	43.090	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080425\
 Data File : BF143292.D
 Acq On : 04 Aug 2025 13:08
 Operator : RC/JU
 Sample : PB169095BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169095BS

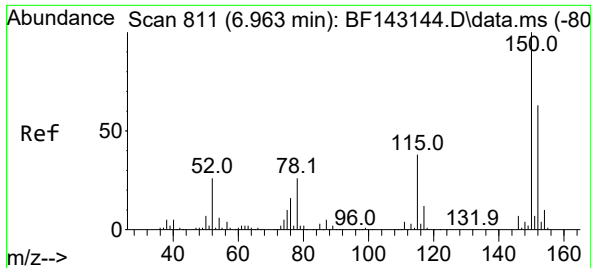
Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/05/2025
 Supervised By :Jagrut Upadhyay 08/05/2025

Quant Time: Aug 04 13:38:00 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

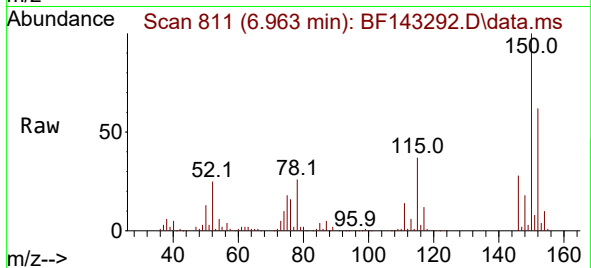
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	221181	45.145	ng	97
46) 1,1'-Biphenyl	9.416	154	855640	44.740	ng	99
47) 2-Chloronaphthalene	9.445	162	624212	44.112	ng	99
48) 2-Nitroaniline	9.534	65	213589	48.131	ng	100
49) Acenaphthylene	9.863	152	1067795	45.027	ng	100
50) Dimethylphthalate	9.716	163	729437	45.653	ng	100
51) 2,6-Dinitrotoluene	9.775	165	156236	48.067	ng	98
52) Acenaphthene	10.034	154	681400	48.615	ng	99
53) 3-Nitroaniline	9.939	138	127562	33.553	ng	99
54) 2,4-Dinitrophenol	10.051	184	145087	96.948	ng	# 1
55) Dibenzofuran	10.204	168	925486	44.473	ng	99
56) 4-Nitrophenol	10.104	139	243883	85.904	ng	96
57) 2,4-Dinitrotoluene	10.181	165	208537	51.138	ng	96
58) Fluorene	10.551	166	697741	44.675	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	190606	46.965	ng	97
60) Diethylphthalate	10.416	149	721514	45.687	ng	100
61) 4-Chlorophenyl-phenyle...	10.539	204	352680	45.349	ng	97
62) 4-Nitroaniline	10.557	138	157368	48.296	ng	99
63) Azobenzene	10.698	77	759343	46.134	ng	99
65) 4,6-Dinitro-2-methylph...	10.586	198	98935	48.423	ng	95
66) n-Nitrosodiphenylamine	10.657	169	626412	45.694	ng	99
67) 4-Bromophenyl-phenylether	11.028	248	212255	45.749	ng	99
68) Hexachlorobenzene	11.098	284	219731	45.312	ng	98
69) Atrazine	11.175	200	185950	49.201	ng	99
70) Pentachlorophenol	11.292	266	245397	86.051	ng	99
71) Phenanthrene	11.510	178	936017	45.281	ng	100
72) Anthracene	11.563	178	958437	45.462	ng	100
73) Carbazole	11.710	167	856195	46.510	ng	100
74) Di-n-butylphthalate	12.039	149	1032952	49.590	ng	100
75) Fluoranthene	12.698	202	902999	47.593	ng	98
77) Benzidine	12.816	184	416915	46.083	ng	99
78) Pyrene	12.927	202	910133	45.414	ng	100
80) Butylbenzylphthalate	13.539	149	333071	54.274	ng	99
81) Benzo(a)anthracene	14.116	228	716395	45.568	ng	99
82) 3,3'-Dichlorobenzidine	14.074	252	164019	31.303	ng	99
83) Chrysene	14.151	228	665853	47.107	ng	99
84) Bis(2-ethylhexyl)phtha...	14.098	149	452928	48.762	ng	99
85) Di-n-octyl phthalate	14.716	149	758779	45.067	ng	100
87) Indeno(1,2,3-cd)pyrene	17.180	276	848618	45.952	ng	100
88) Benzo(b)fluoranthene	15.186	252	753036	47.066	ng	99
89) Benzo(k)fluoranthene	15.216	252	621439	43.527	ng	99
90) Benzo(a)pyrene	15.568	252	679070	46.066	ng	99
91) Dibenzo(a,h)anthracene	17.198	278	684215	45.520	ng	100
92) Benzo(g,h,i)perylene	17.645	276	671145	46.158	ng	99

(#) = 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: BF143292.D
Acq: 04 Aug 2025 13:08

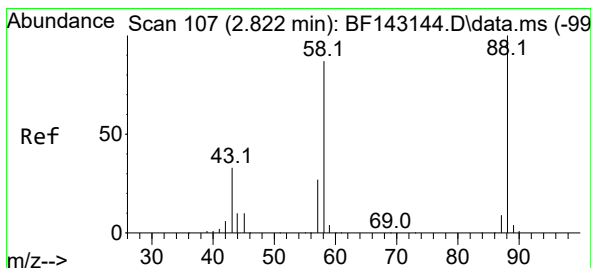
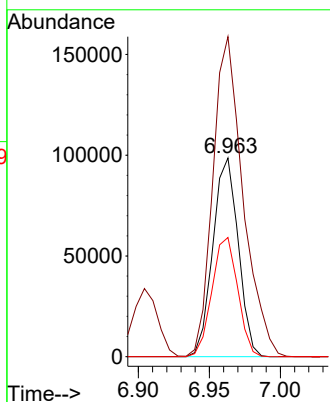
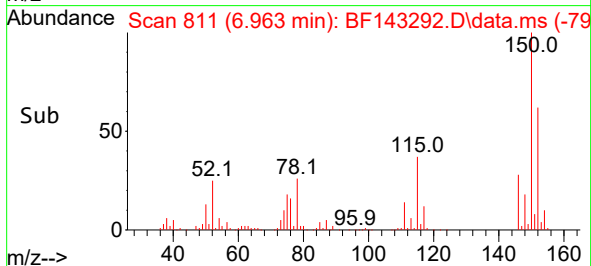
Instrument :
BNA_F
ClientSampleId :
PB169095BS



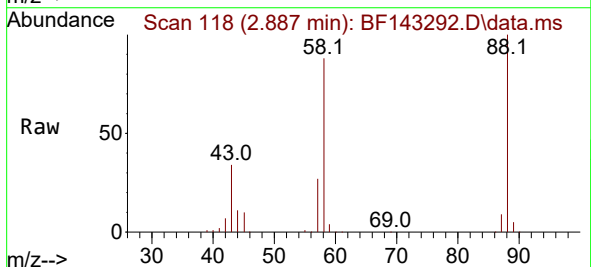
Tgt Ion:152 Resp: 12271
Ion Ratio Lower Upper
152 100
150 161.0 128.2 192.4
115 60.0 47.9 71.9

Manual Integrations
APPROVED

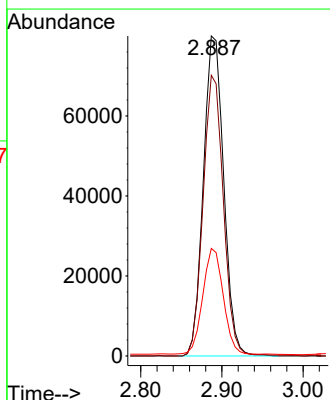
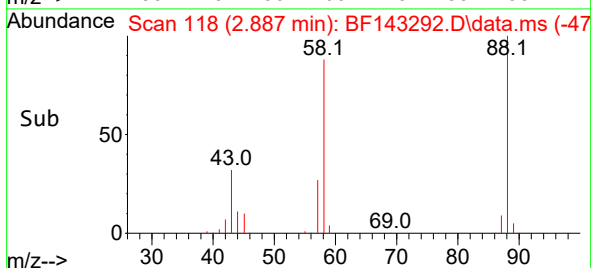
Reviewed By :Rahul Chavli 08/05/2025
Supervised By :Jagrut Upadhyay 08/05/2025

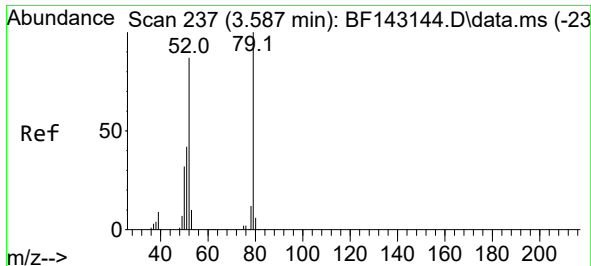


#2
1,4-Dioxane
Concen: 37.917 ng
RT: 2.887 min Scan# 118
Delta R.T. 0.065 min
Lab File: BF143292.D
Acq: 04 Aug 2025 13:08



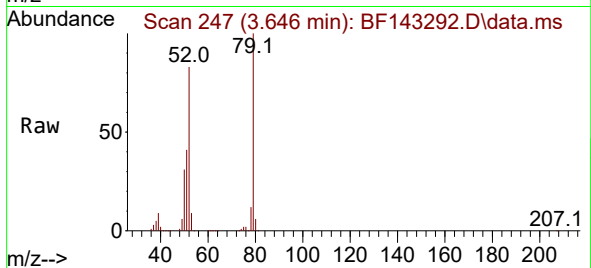
Tgt Ion: 88 Resp: 139133
Ion Ratio Lower Upper
88 100
58 87.9 70.2 105.2
43 33.1 27.1 40.7





#3
Pyridine
Concen: 40.801 ng
RT: 3.646 min Scan# 24
Delta R.T. 0.059 min
Lab File: BF143292.D
Acq: 04 Aug 2025 13:08

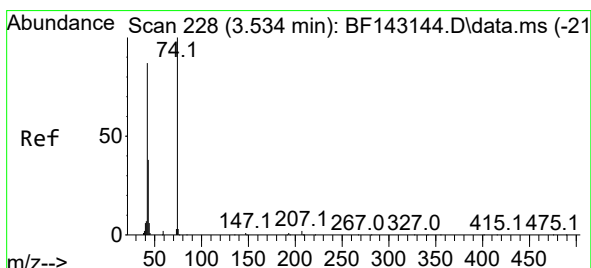
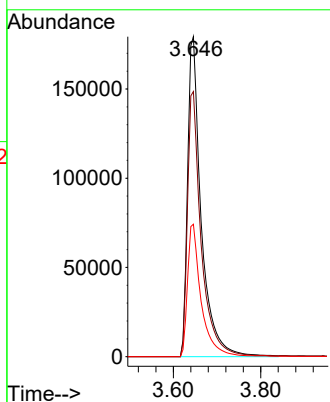
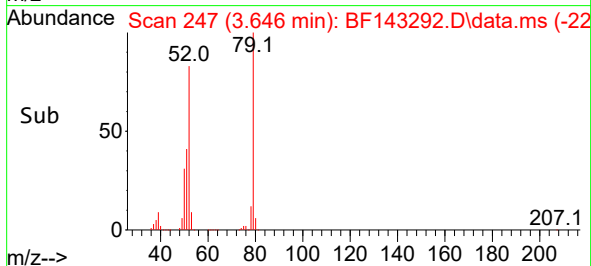
Instrument :
BNA_F
ClientSampleId :
PB169095BS



Tgt Ion: 79 Resp: 388592
Ion Ratio Lower Upper
79 100
52 82.8 69.4 104.2
51 41.4 33.5 50.3

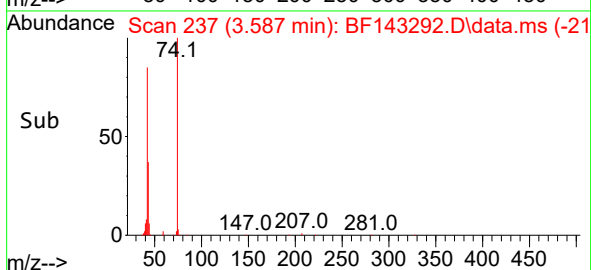
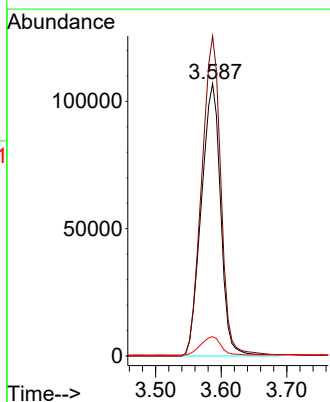
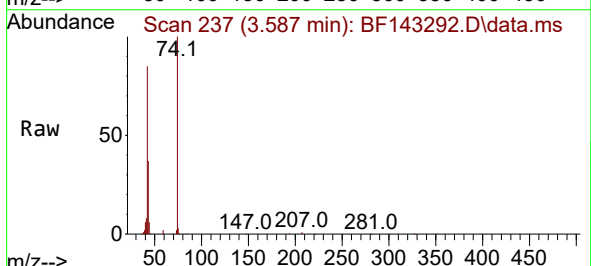
Manual Integrations
APPROVED

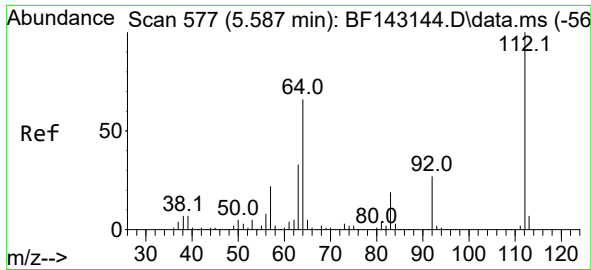
Reviewed By :Rahul Chavli 08/05/2025
Supervised By :Jagrut Upadhyay 08/05/2025



#4
n-Nitrosodimethylamine
Concen: 44.624 ng
RT: 3.587 min Scan# 237
Delta R.T. 0.053 min
Lab File: BF143292.D
Acq: 04 Aug 2025 13:08

Tgt Ion: 42 Resp: 219431
Ion Ratio Lower Upper
42 100
74 117.5 91.7 137.5
44 7.1 5.6 8.4





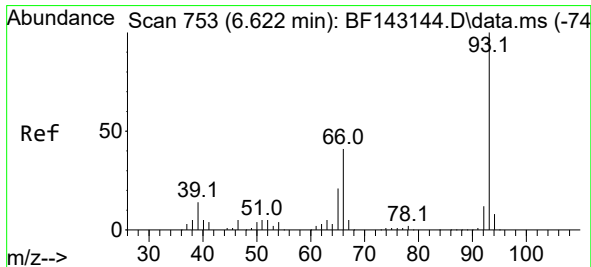
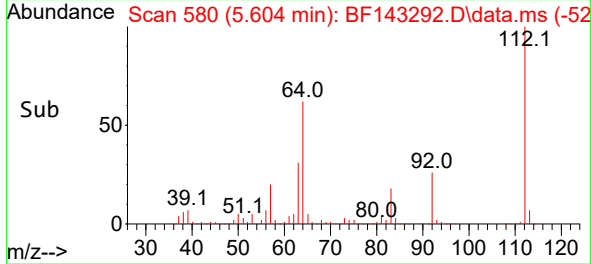
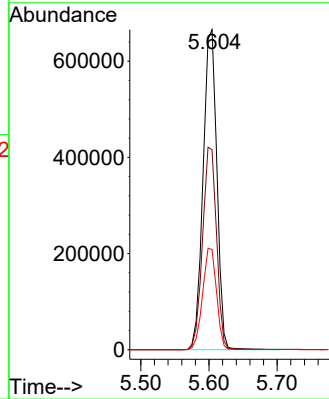
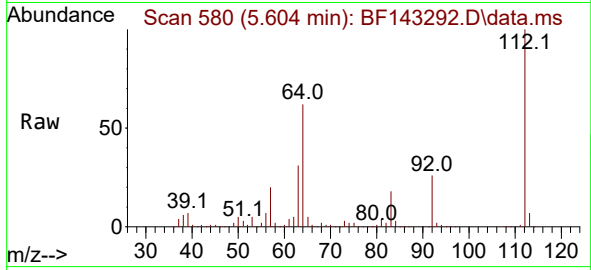
#5
2-Fluorophenol
Concen: 120.958 ng
RT: 5.604 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF143292.D
Acq: 04 Aug 2025 13:08

Instrument :
BNA_F
ClientSampleId :
PB169095BS

Tgt Ion:112 Resp: 93800
Ion Ratio Lower Upper
112 100
64 62.5 53.1 79.7
63 31.3 26.6 40.0

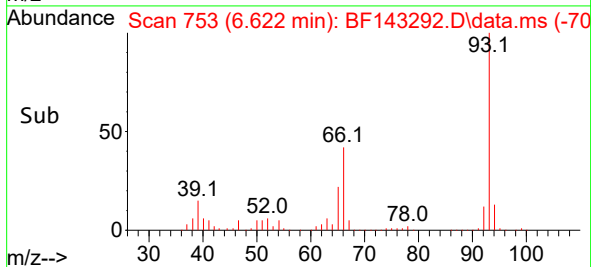
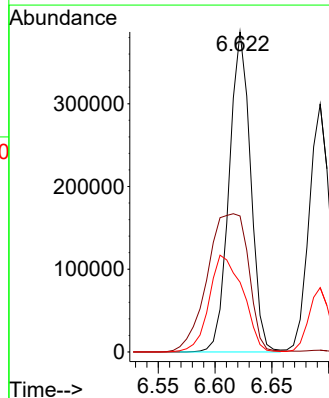
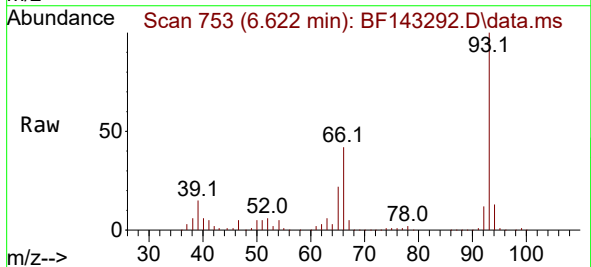
Manual Integrations
APPROVED

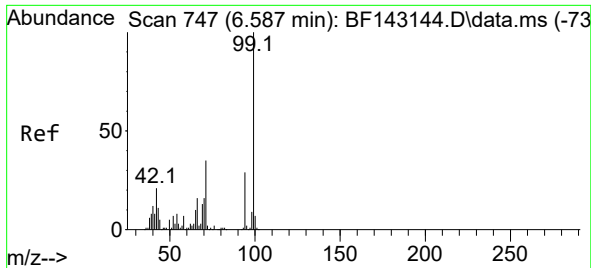
Reviewed By :Rahul Chavli 08/05/2025
Supervised By :Jagrut Upadhyay 08/05/2025



#6
Aniline
Concen: 37.351 ng
RT: 6.622 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF143292.D
Acq: 04 Aug 2025 13:08

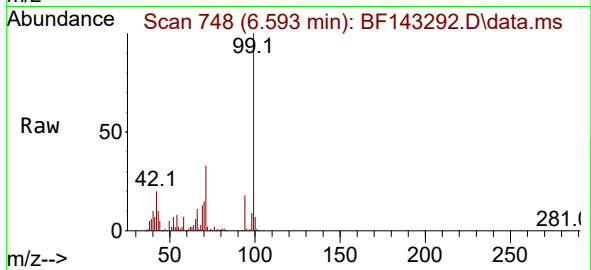
Tgt Ion: 93 Resp: 508111
Ion Ratio Lower Upper
93 100
66 42.5 33.2 49.8
65 21.8 16.9 25.3





#7
Phenol-d6
Concen: 122.476 ng
RT: 6.593 min Scan# 747
Delta R.T. 0.006 min
Lab File: BF143292.D
Acq: 04 Aug 2025 13:08

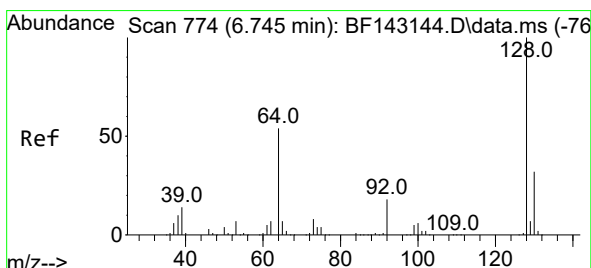
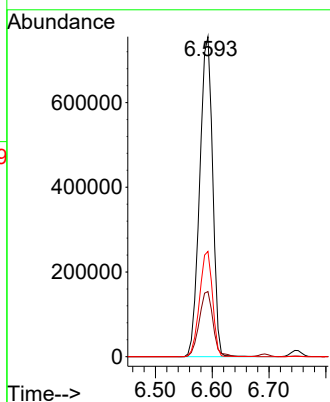
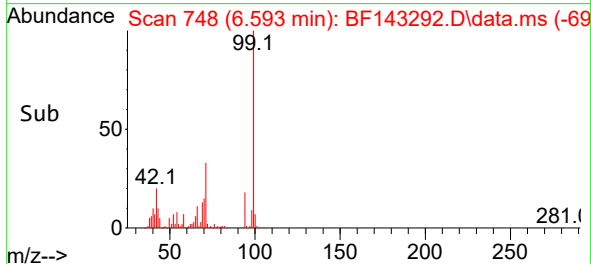
Instrument :
BNA_F
ClientSampleId :
PB169095BS



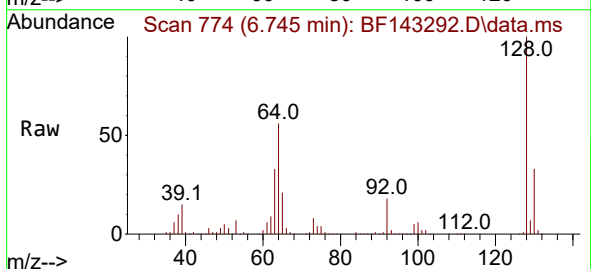
Tgt Ion: 99 Resp: 1195460
Ion Ratio Lower Upper
99 100
42 20.3 17.0 25.6
71 32.9 27.7 41.5

Manual Integrations
APPROVED

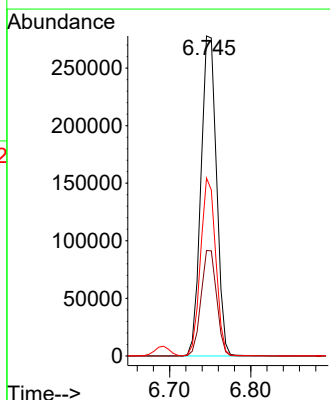
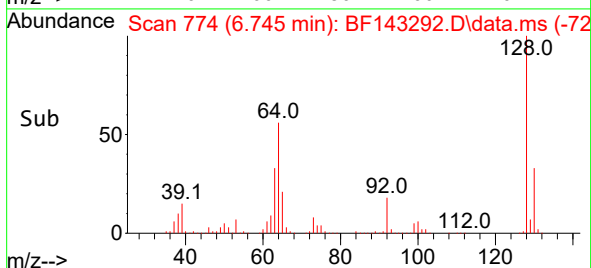
Reviewed By :Rahul Chavli 08/05/2025
Supervised By :Jagrut Upadhyay 08/05/2025

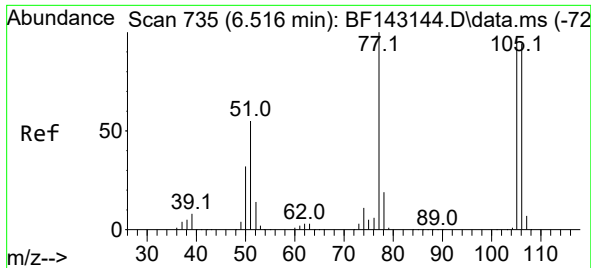


#8
2-Chlorophenol
Concen: 45.481 ng
RT: 6.745 min Scan# 774
Delta R.T. 0.000 min
Lab File: BF143292.D
Acq: 04 Aug 2025 13:08



Tgt Ion:128 Resp: 369701
Ion Ratio Lower Upper
128 100
130 33.0 12.3 52.3
64 55.6 35.9 75.9





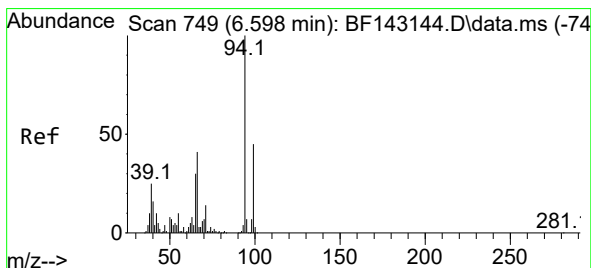
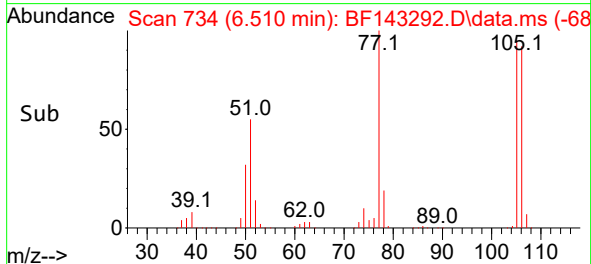
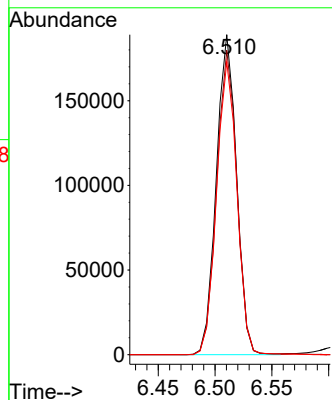
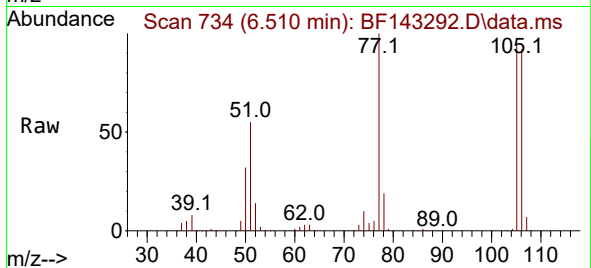
#9
Benzaldehyde
Concen: 31.911 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143292.D
Acq: 04 Aug 2025 13:08

Instrument :
BNA_F
ClientSampleId :
PB169095BS

Tgt Ion: 77 Resp: 23356
Ion Ratio Lower Upper
77 100
105 95.1 76.8 116.8
106 91.6 74.4 114.4

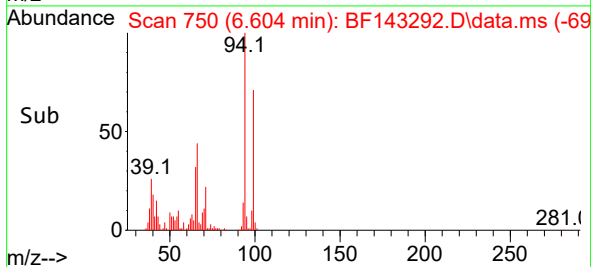
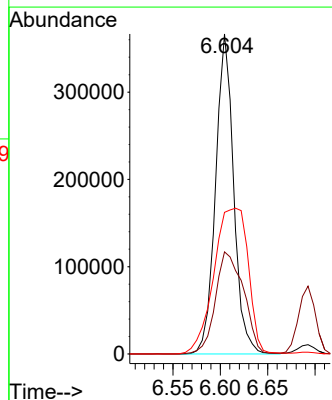
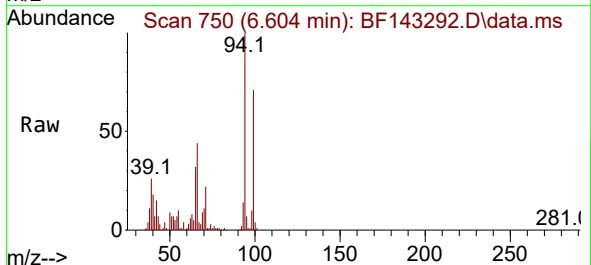
Manual Integrations
APPROVED

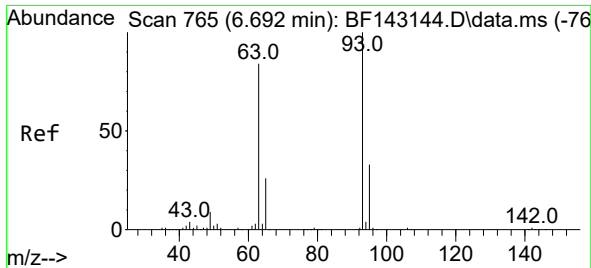
Reviewed By :Rahul Chavli 08/05/2025
Supervised By :Jagrut Upadhyay 08/05/2025



#10
Phenol
Concen: 45.803 ng
RT: 6.604 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF143292.D
Acq: 04 Aug 2025 13:08

Tgt Ion: 94 Resp: 487044
Ion Ratio Lower Upper
94 100
65 31.9 10.0 50.0
66 44.2 20.8 60.8





#11

bis(2-Chloroethyl)ether

Concen: 45.877 ng

RT: 6.693 min Scan# 765

Delta R.T. 0.000 min

Lab File: BF143292.D

Acq: 04 Aug 2025 13:08

Instrument :

BNA_F

ClientSampleId :

PB169095BS

Tgt Ion: 93 Resp: 373520

Ion Ratio Lower Upper

93 100

63 82.7 63.4 103.4

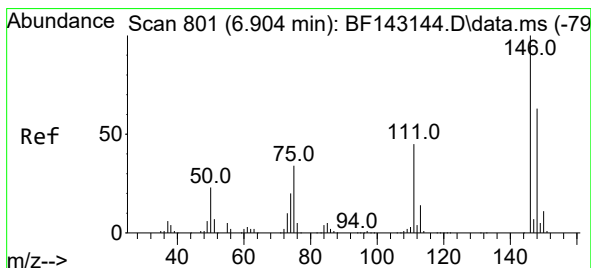
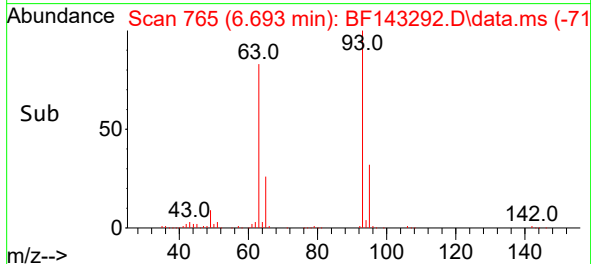
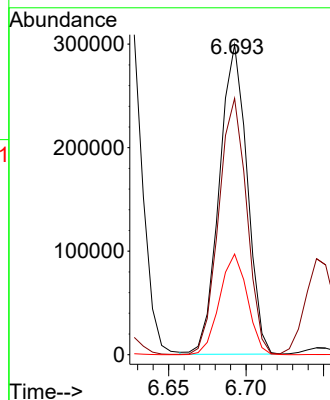
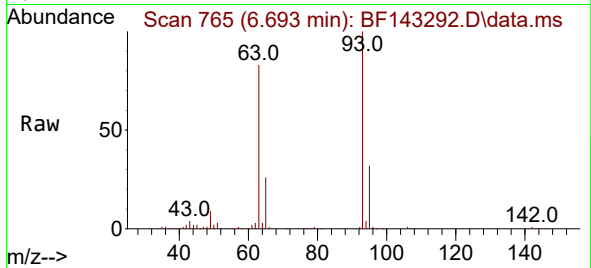
95 32.5 12.4 52.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/05/2025

Supervised By :Jagrut Upadhyay 08/05/2025



#12

1,3-Dichlorobenzene

Concen: 44.043 ng

RT: 6.904 min Scan# 801

Delta R.T. 0.000 min

Lab File: BF143292.D

Acq: 04 Aug 2025 13:08

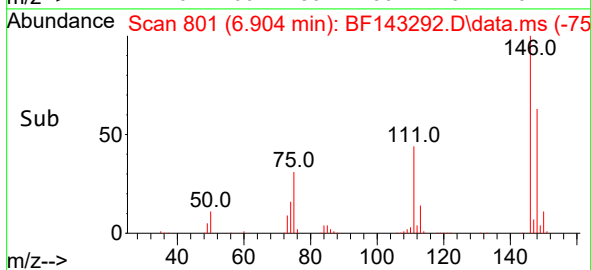
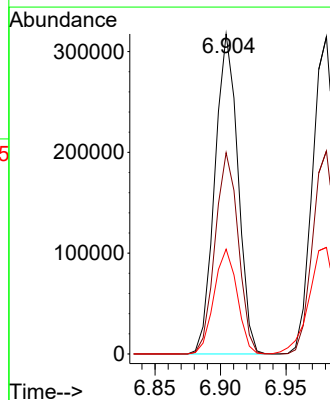
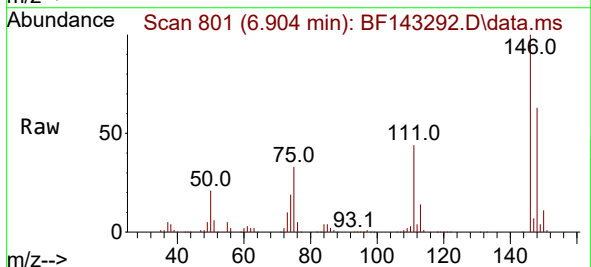
Tgt Ion:146 Resp: 388909

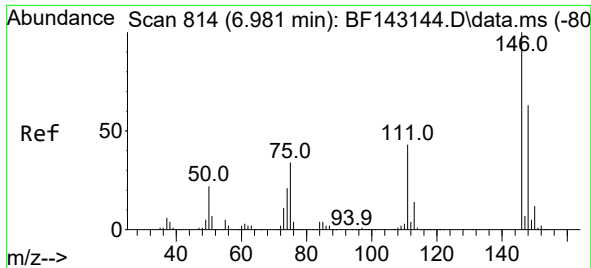
Ion Ratio Lower Upper

146 100

148 62.9 50.6 76.0

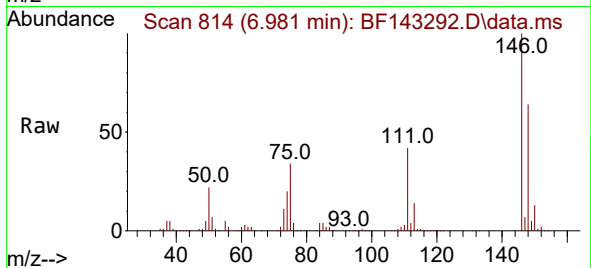
75 32.8 27.4 41.2





#13
1,4-Dichlorobenzene
Concen: 43.767 ng
RT: 6.981 min Scan# 814
Delta R.T. 0.000 min
Lab File: BF143292.D
Acq: 04 Aug 2025 13:08

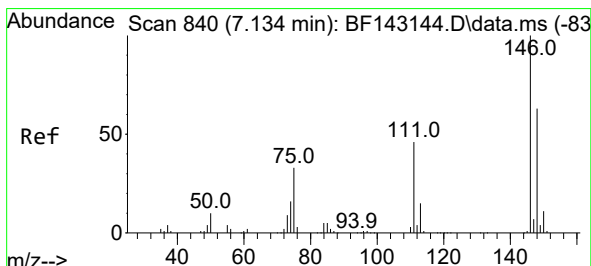
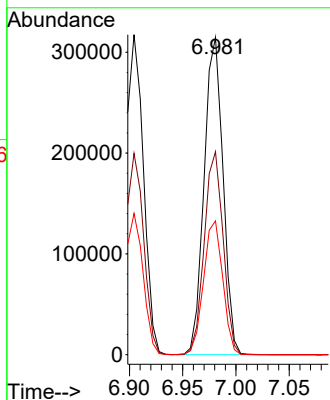
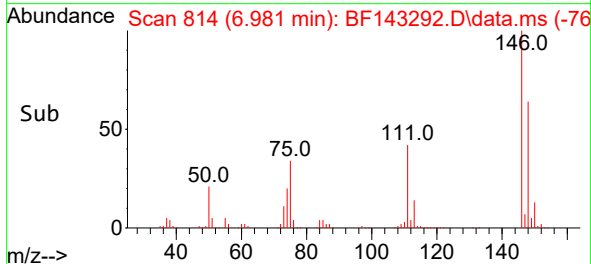
Instrument :
BNA_F
ClientSampleId :
PB169095BS



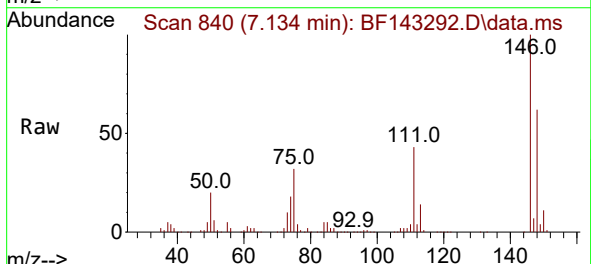
Tgt Ion:146 Resp: 38920
Ion Ratio Lower Upper
146 100
148 64.0 50.3 75.5
111 42.2 34.4 51.6

Manual Integrations
APPROVED

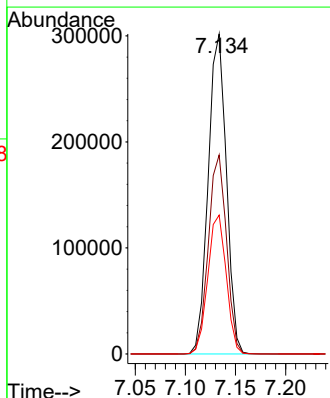
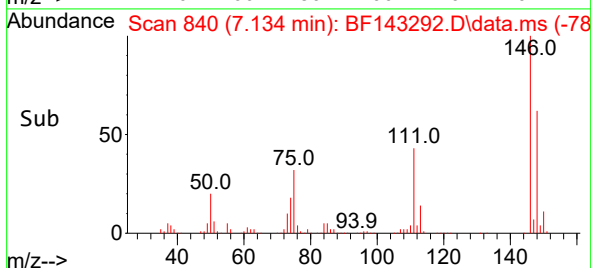
Reviewed By :Rahul Chavli 08/05/2025
Supervised By :Jagrut Upadhyay 08/05/2025

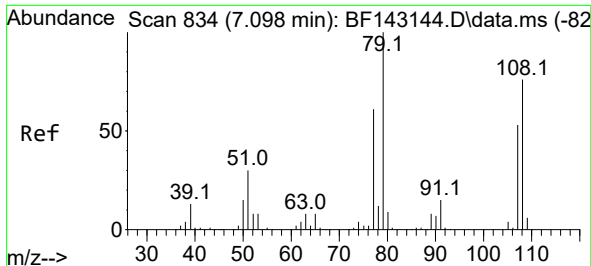


#14
1,2-Dichlorobenzene
Concen: 45.091 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143292.D
Acq: 04 Aug 2025 13:08



Tgt Ion:146 Resp: 381372
Ion Ratio Lower Upper
146 100
148 62.2 50.7 76.1
111 43.4 36.6 54.8





#15
Benzyl Alcohol
Concen: 44.576 ng
RT: 7.098 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF143292.D
Acq: 04 Aug 2025 13:08

Instrument :

BNA_F

ClientSampleId :

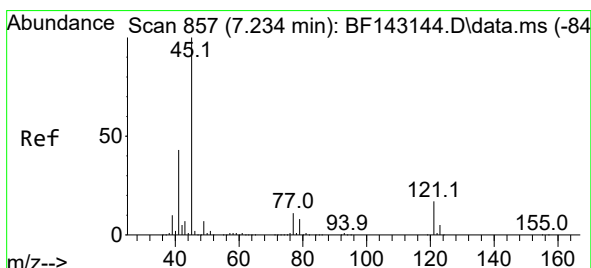
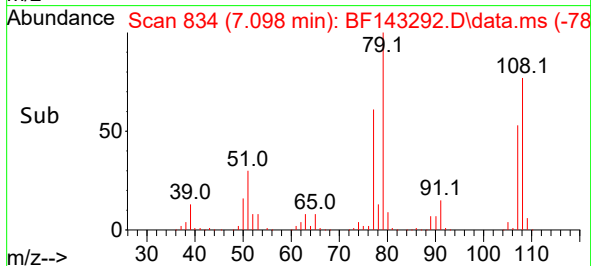
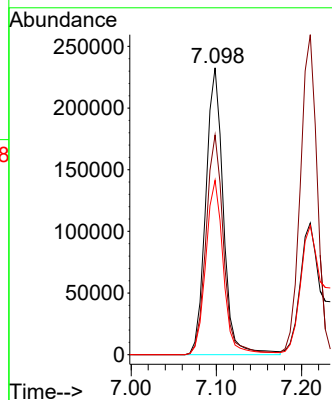
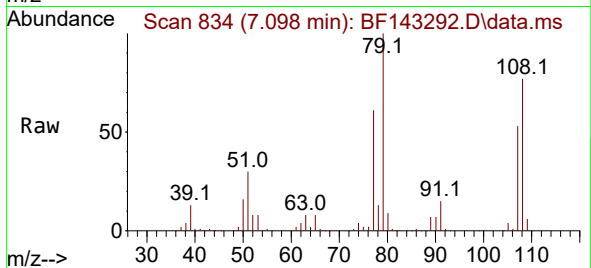
PB169095BS

Tgt Ion: 79 Resp: 332218
Ion Ratio Lower Upper
79 100
108 76.6 61.1 91.7
77 60.8 48.9 73.3

Manual Integrations

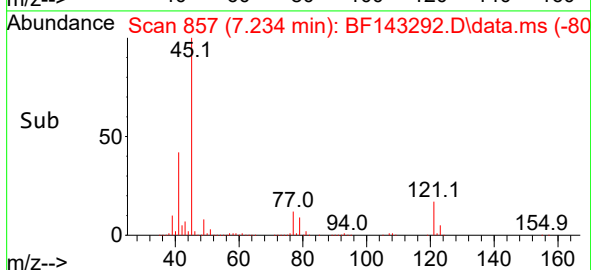
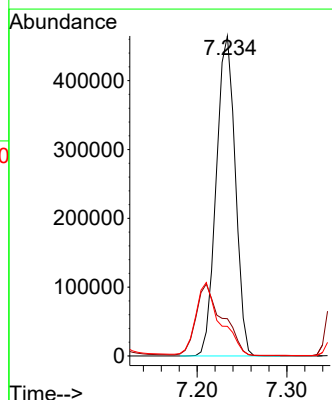
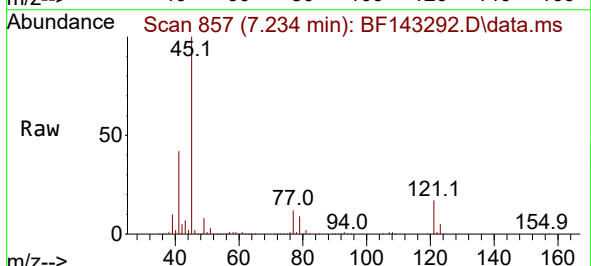
APPROVED

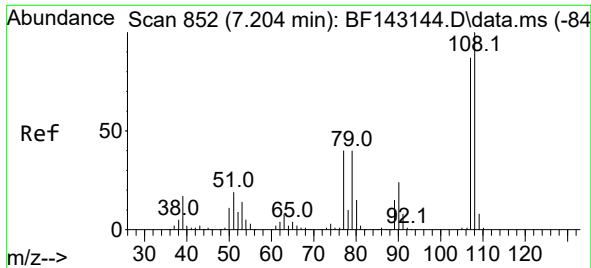
Reviewed By :Rahul Chavli 08/05/2025
Supervised By :Jagrut Upadhyay 08/05/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.240 ng
RT: 7.234 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF143292.D
Acq: 04 Aug 2025 13:08

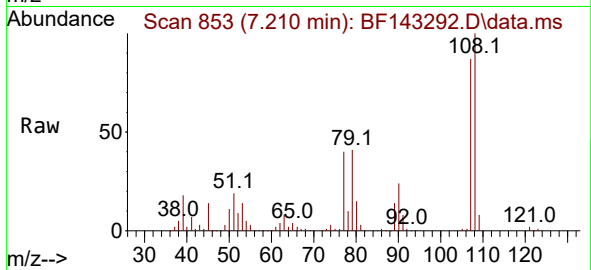
Tgt Ion: 45 Resp: 683262
Ion Ratio Lower Upper
45 100
77 11.6 0.0 31.2
79 9.2 0.0 28.5





#17
2-Methylphenol
Concen: 44.640 ng
RT: 7.210 min Scan# 852
Delta R.T. 0.006 min
Lab File: BF143292.D
Acq: 04 Aug 2025 13:08

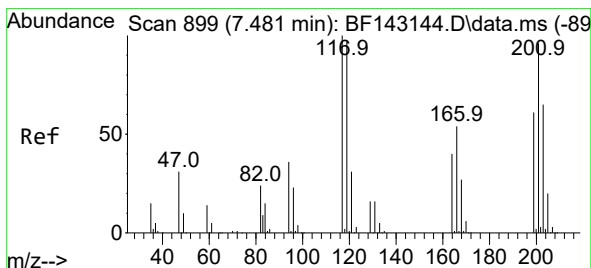
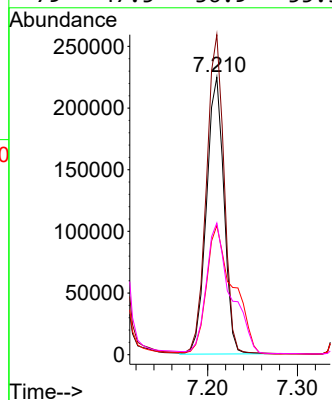
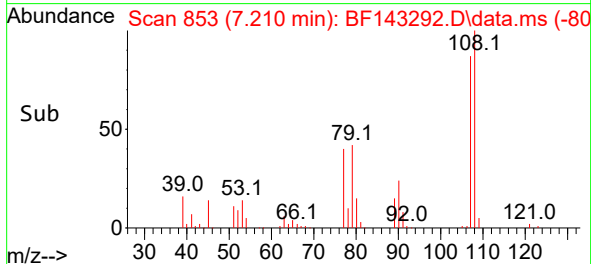
Instrument :
BNA_F
ClientSampleId :
PB169095BS



Tgt Ion:107 Resp: 305095
Ion Ratio Lower Upper
107 100
108 115.4 91.8 137.6
77 46.6 37.0 55.6
79 47.5 36.9 55.3

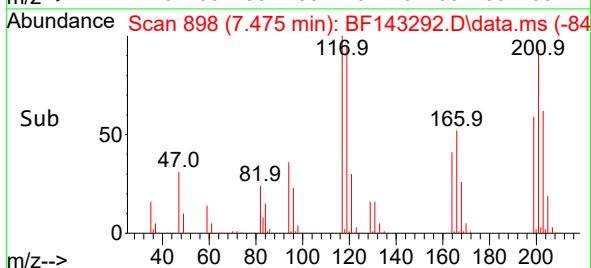
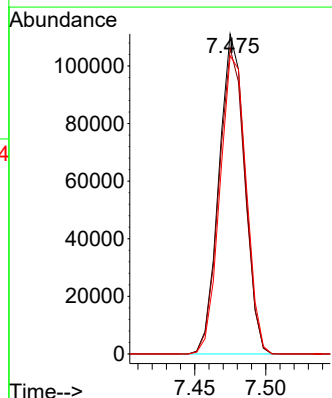
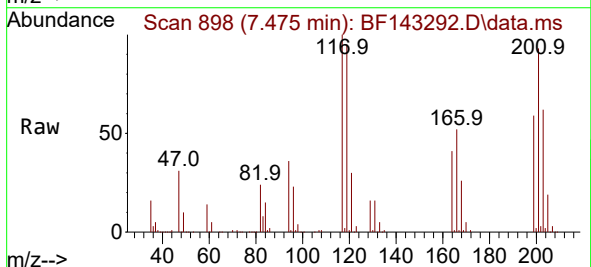
Manual Integrations
APPROVED

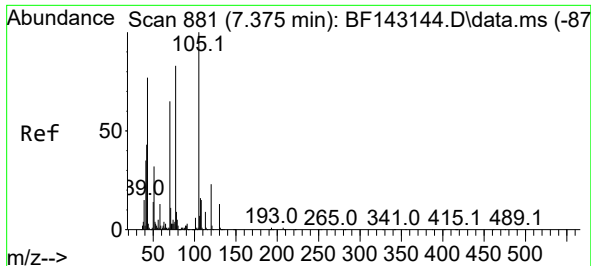
Reviewed By :Rahul Chavli 08/05/2025
Supervised By :Jagrut Upadhyay 08/05/2025



#18
Hexachloroethane
Concen: 45.693 ng
RT: 7.475 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF143292.D
Acq: 04 Aug 2025 13:08

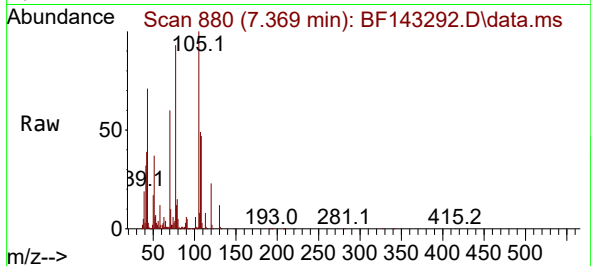
Tgt Ion:117 Resp: 140665
Ion Ratio Lower Upper
117 100
119 95.5 77.8 116.8
201 93.2 77.0 115.4





#19
n-Nitroso-di-n-propylamine
Concen: 43.510 ng
RT: 7.369 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF143292.D
Acq: 04 Aug 2025 13:08

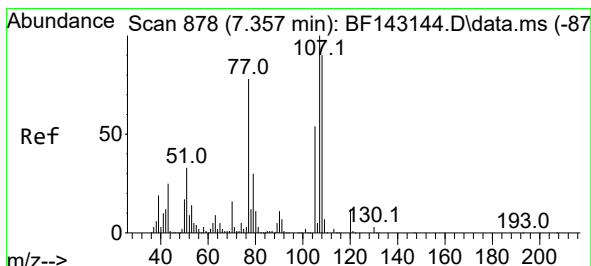
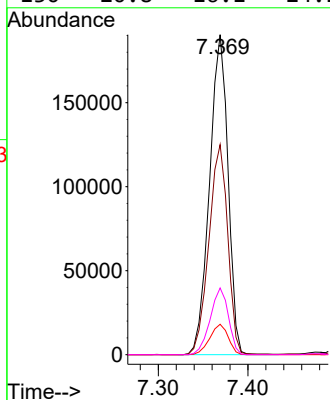
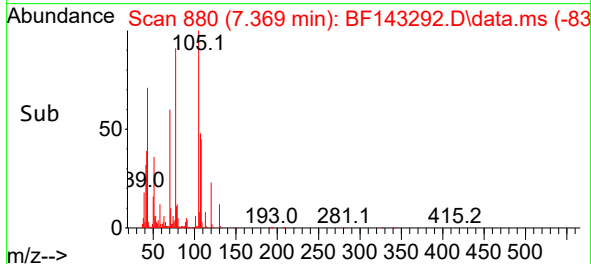
Instrument :
BNA_F
ClientSampleId :
PB169095BS



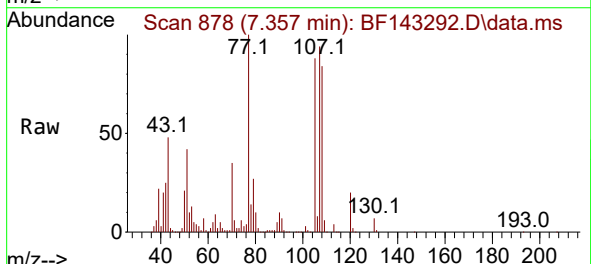
Tgt Ion: 70 Resp: 272468
Ion Ratio Lower Upper
70 100
42 65.6 52.5 78.7
101 9.5 7.6 11.4
130 20.8 16.1 24.1

Manual Integrations
APPROVED

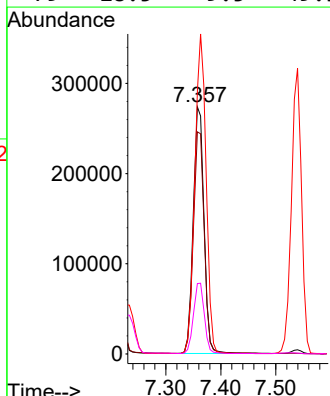
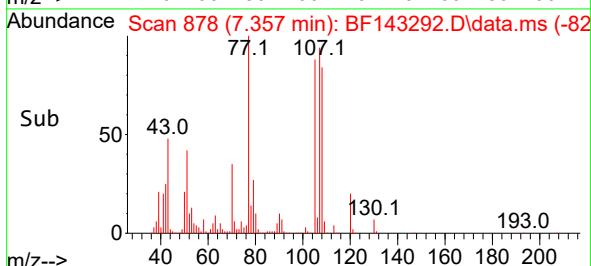
Reviewed By :Rahul Chavli 08/05/2025
Supervised By :Jagrut Upadhyay 08/05/2025

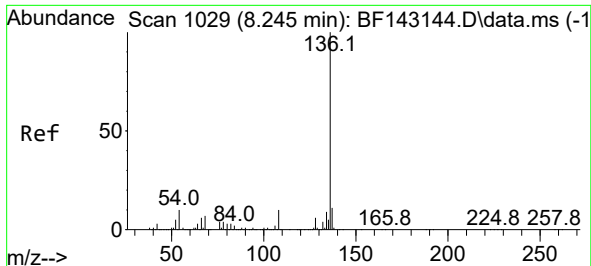


#20
3+4-Methylphenols
Concen: 44.850 ng
RT: 7.357 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF143292.D
Acq: 04 Aug 2025 13:08



Tgt Ion:107 Resp: 371909
Ion Ratio Lower Upper
107 100
108 89.9 70.0 110.0
77 106.4 57.8 97.8#
79 28.5 9.5 49.5





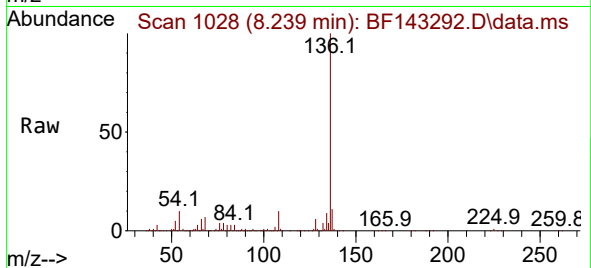
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1028
Delta R.T. -0.005 min
Lab File: BF143292.D
Acq: 04 Aug 2025 13:08

Instrument :

BNA_F

ClientSampleId :

PB169095BS

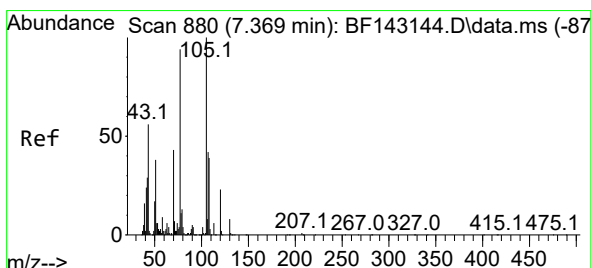
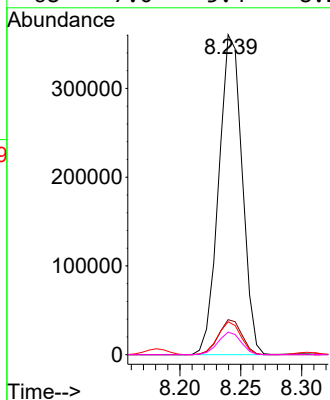
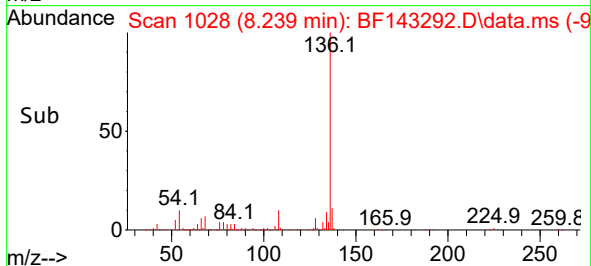


Tgt Ion:136 Resp: 482215
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 10.3 8.2 12.2
68 7.0 5.4 8.2

Manual Integrations

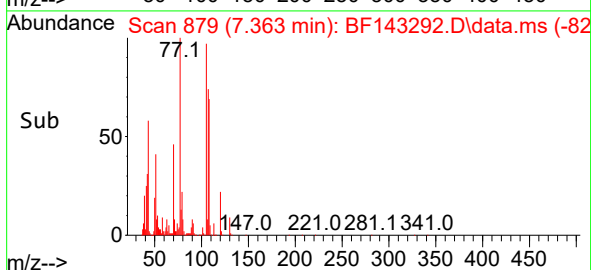
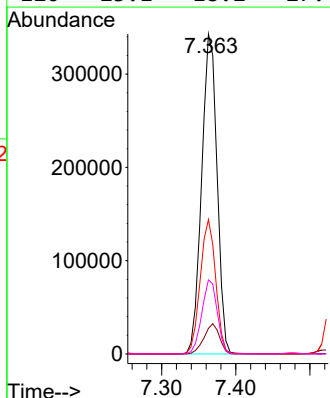
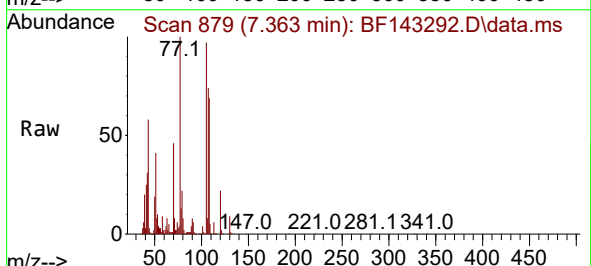
APPROVED

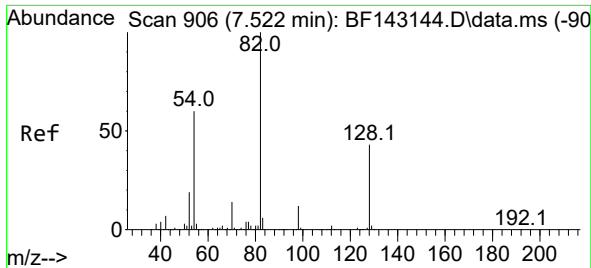
Reviewed By :Rahul Chavli 08/05/2025
Supervised By :Jagrut Upadhyay 08/05/2025



#22
Acetophenone
Concen: 43.421 ng
RT: 7.363 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF143292.D
Acq: 04 Aug 2025 13:08

Tgt Ion:105 Resp: 495714
Ion Ratio Lower Upper
105 100
71 8.0 5.8 8.6
51 42.0 30.2 45.2
120 23.1 18.2 27.4





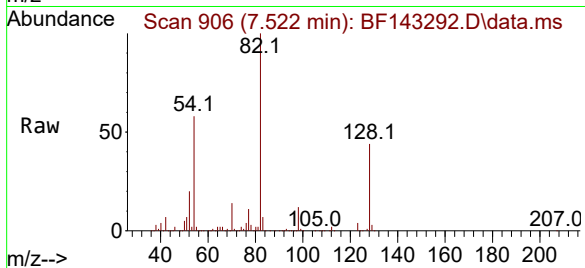
#23
Nitrobenzene-d5
Concen: 80.986 ng
RT: 7.522 min Scan# 906
Delta R.T. 0.000 min
Lab File: BF143292.D
Acq: 04 Aug 2025 13:08

Instrument :

BNA_F

ClientSampleId :

PB169095BS

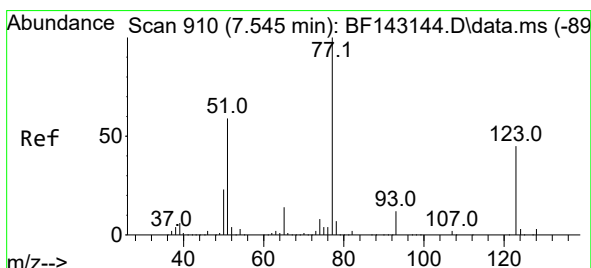
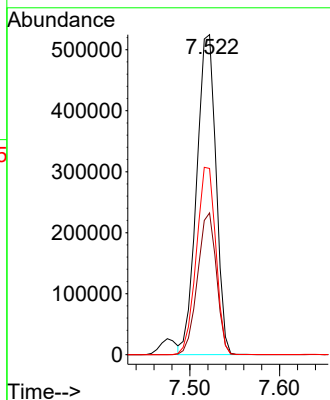
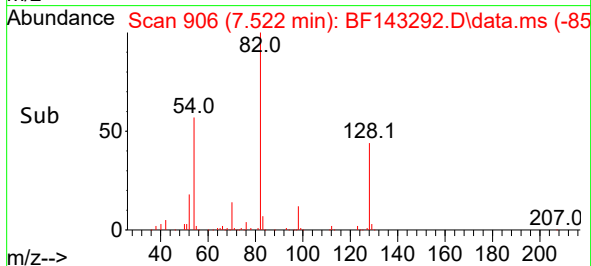


Tgt Ion: 82 Resp: 783452
Ion Ratio Lower Upper
82 100
128 44.3 33.6 50.4
54 58.2 47.1 70.7

Manual Integrations

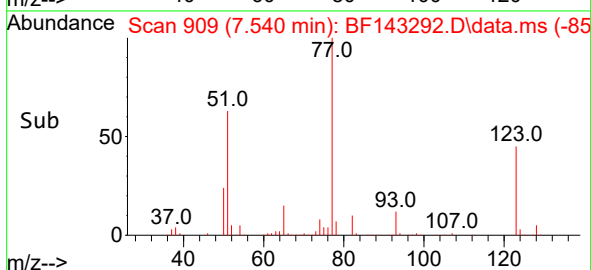
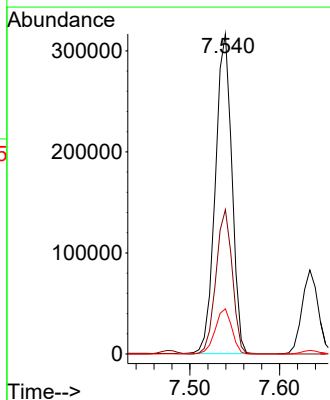
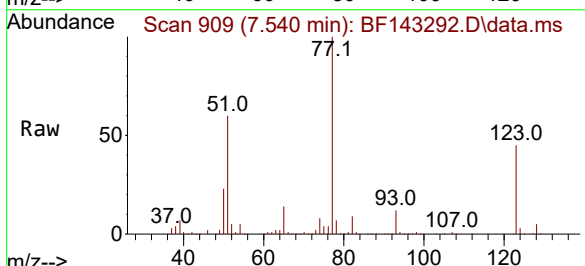
APPROVED

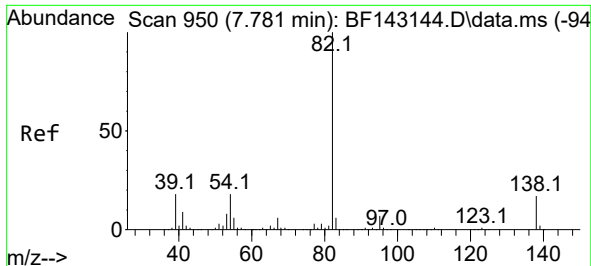
Reviewed By :Rahul Chavli 08/05/2025
Supervised By :Jagrut Upadhyay 08/05/2025



#24
Nitrobenzene
Concen: 44.806 ng
RT: 7.540 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF143292.D
Acq: 04 Aug 2025 13:08

Tgt Ion: 77 Resp: 404106
Ion Ratio Lower Upper
77 100
123 45.1 36.1 54.1
65 14.1 11.4 17.2





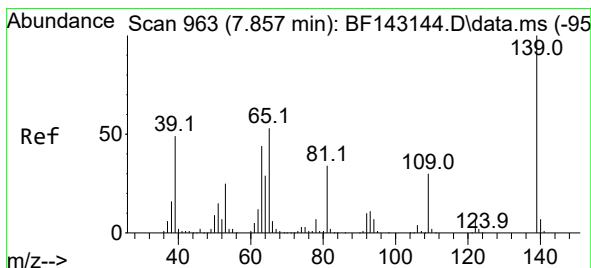
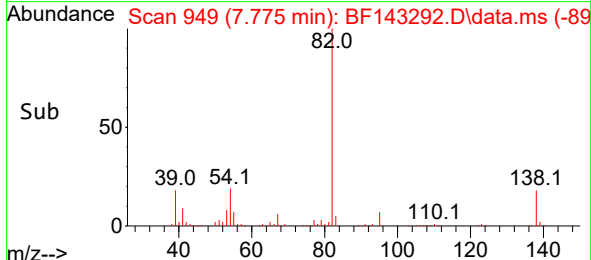
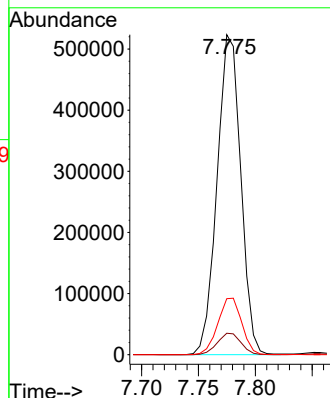
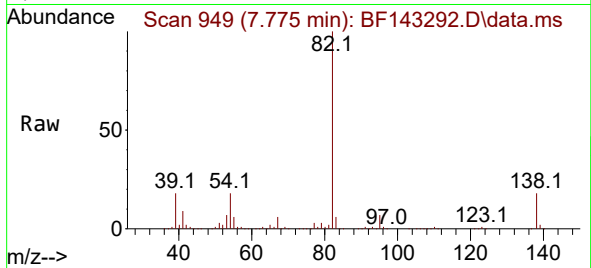
#25
Isophorone
Concen: 44.480 ng
RT: 7.775 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF143292.D
Acq: 04 Aug 2025 13:08

Instrument :
BNA_F
ClientSampleId :
PB169095BS

Tgt Ion: 82 Resp: 759610
Ion Ratio Lower Upper
82 100
95 6.7 5.5 8.3
138 17.5 13.8 20.8

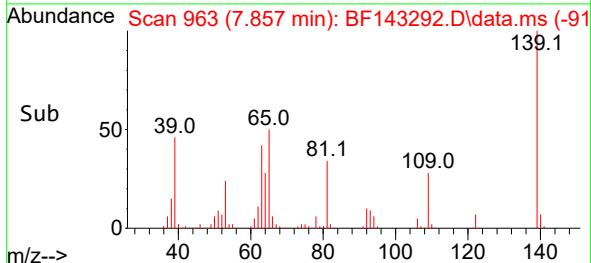
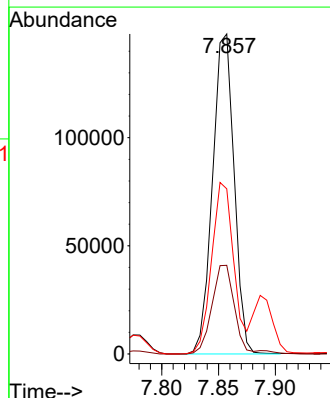
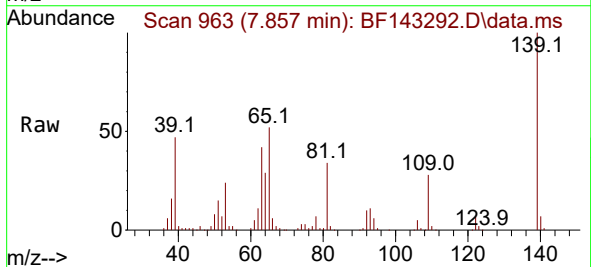
Manual Integrations
APPROVED

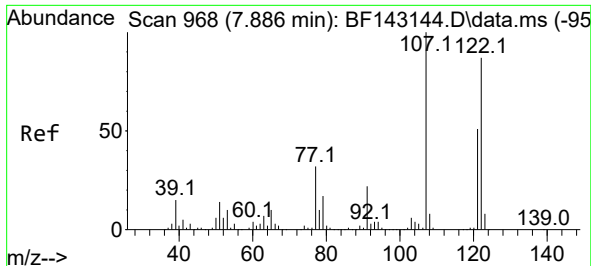
Reviewed By :Rahul Chavli 08/05/2025
Supervised By :Jagrut Upadhyay 08/05/2025



#26
2-Nitrophenol
Concen: 49.966 ng
RT: 7.857 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF143292.D
Acq: 04 Aug 2025 13:08

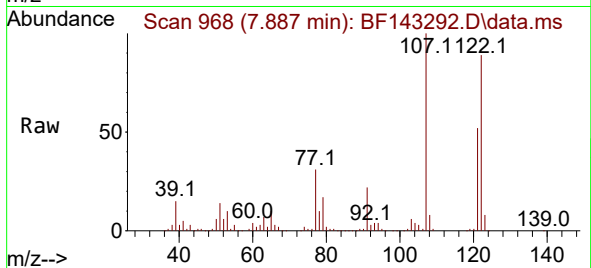
Tgt Ion:139 Resp: 195580
Ion Ratio Lower Upper
139 100
109 27.7 23.6 35.4
65 51.6 42.6 64.0





#27
2,4-Dimethylphenol
Concen: 43.234 ng
RT: 7.887 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF143292.D
Acq: 04 Aug 2025 13:08

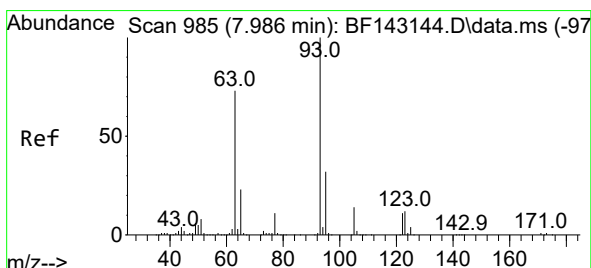
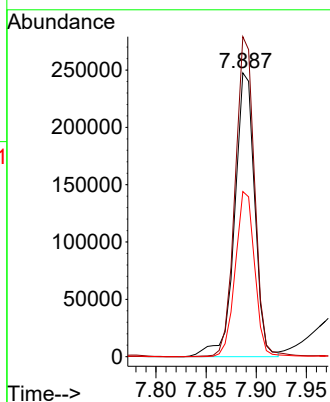
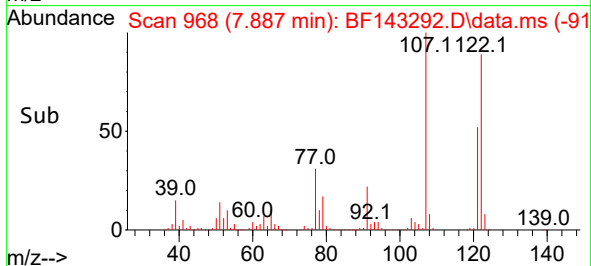
Instrument :
BNA_F
ClientSampleId :
PB169095BS



Tgt Ion:122 Resp: 34495
Ion Ratio Lower Upper
122 100
107 112.7 91.8 137.6
121 58.2 46.3 69.5

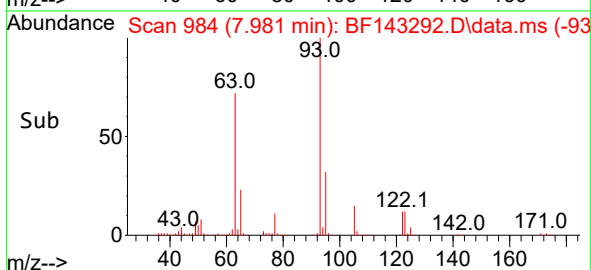
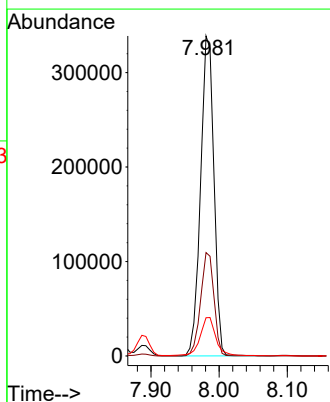
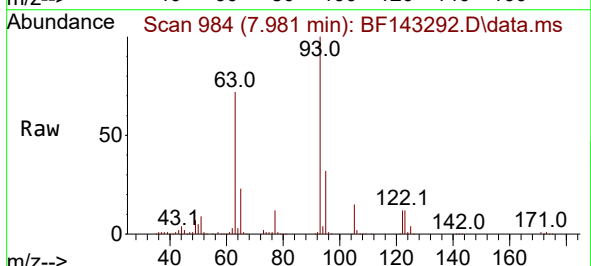
Manual Integrations
APPROVED

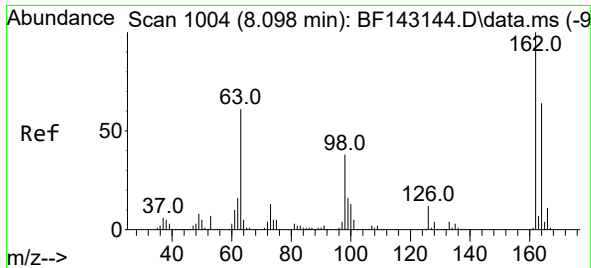
Reviewed By :Rahul Chavli 08/05/2025
Supervised By :Jagrut Upadhyay 08/05/2025



#28
bis(2-Chloroethoxy)methane
Concen: 45.005 ng
RT: 7.981 min Scan# 984
Delta R.T. -0.006 min
Lab File: BF143292.D
Acq: 04 Aug 2025 13:08

Tgt Ion: 93 Resp: 460814
Ion Ratio Lower Upper
93 100
95 32.3 25.8 38.6
123 12.0 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 44.656 ng

RT: 8.098 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF143292.D

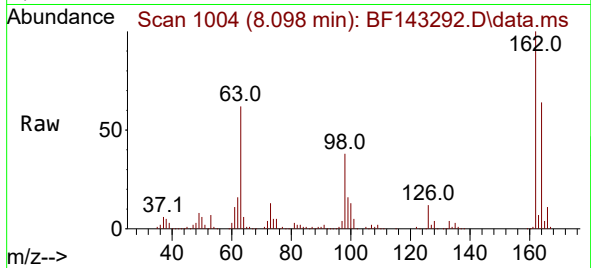
Acq: 04 Aug 2025 13:08

Instrument :

BNA_F

ClientSampleId :

PB169095BS



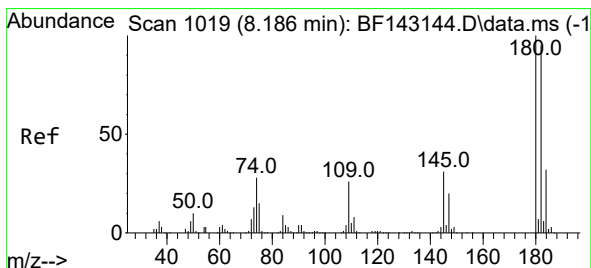
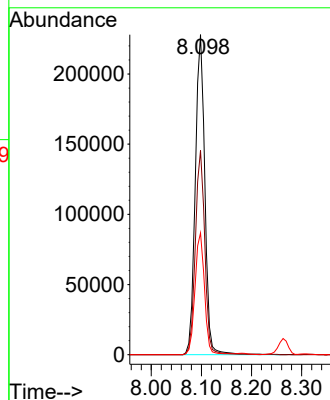
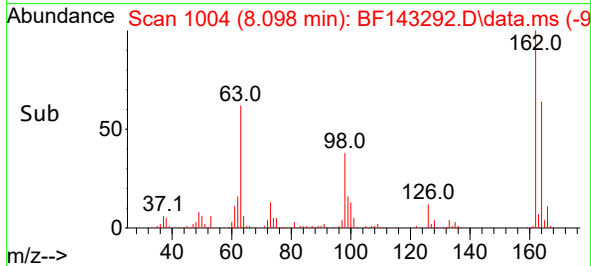
Tgt Ion:162	Resp: 30048
Ion Ratio	Lower Upper
162	100
164	63.8 44.2 84.2
98	38.0 17.9 57.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/05/2025

Supervised By :Jagrut Upadhyay 08/05/2025



#30

1,2,4-Trichlorobenzene

Concen: 44.079 ng

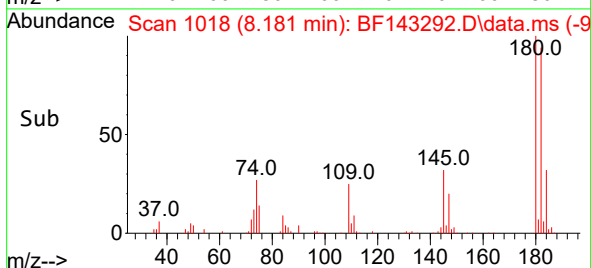
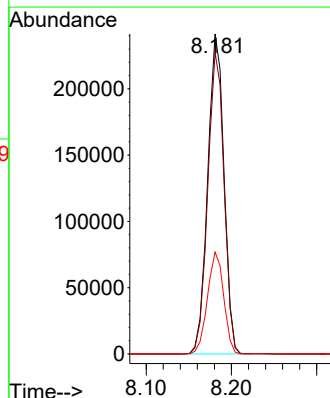
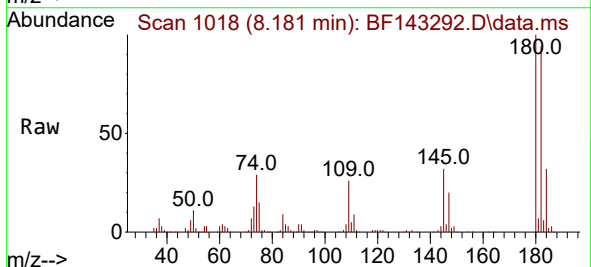
RT: 8.181 min Scan# 1018

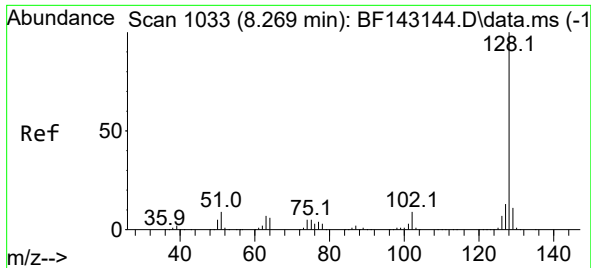
Delta R.T. -0.006 min

Lab File: BF143292.D

Acq: 04 Aug 2025 13:08

Tgt Ion:180	Resp: 320429
Ion Ratio	Lower Upper
180	100
182	94.2 76.2 114.2
145	31.9 25.0 37.6





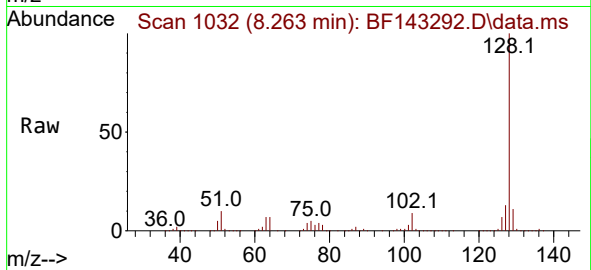
#31
Naphthalene
Concen: 44.530 ng
RT: 8.263 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF143292.D
Acq: 04 Aug 2025 13:08

Instrument :

BNA_F

ClientSampleId :

PB169095BS



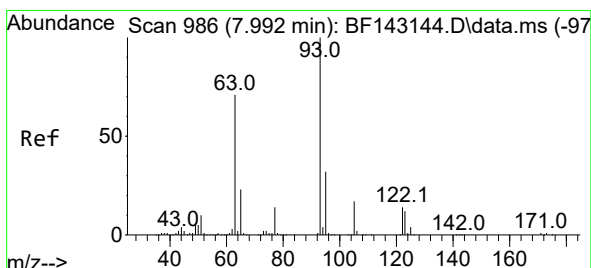
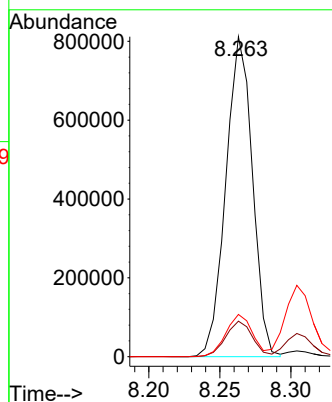
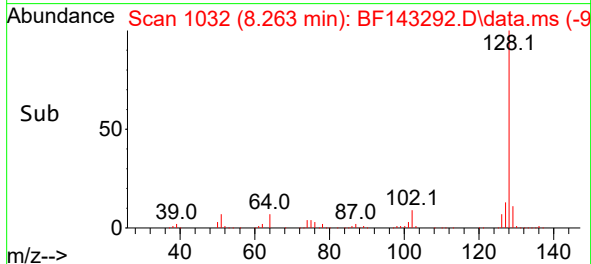
Tgt Ion:128 Resp: 105751
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 13.2 10.6 16.0

Manual Integrations

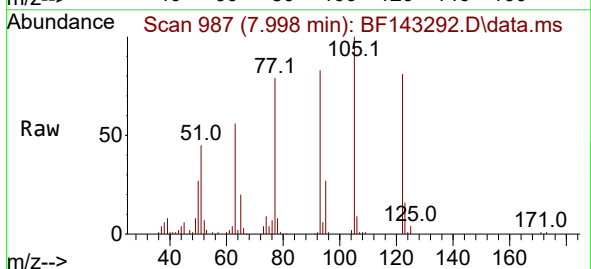
APPROVED

Reviewed By :Rahul Chavli 08/05/2025

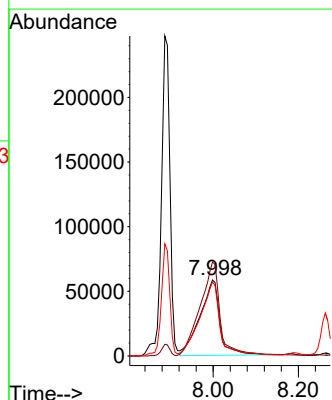
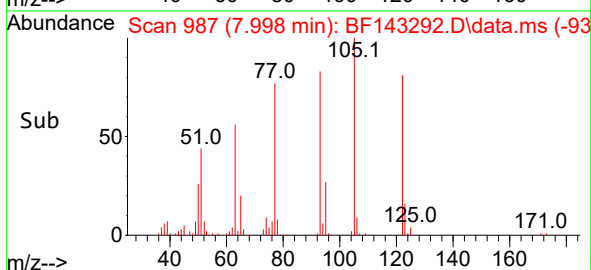
Supervised By :Jagrut Upadhyay 08/05/2025

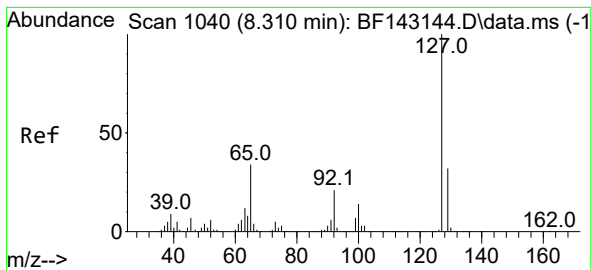


#32
Benzoic acid
Concen: 42.893 ng
RT: 7.998 min Scan# 987
Delta R.T. 0.006 min
Lab File: BF143292.D
Acq: 04 Aug 2025 13:08



Tgt Ion:122 Resp: 190009
Ion Ratio Lower Upper
122 100
105 123.9 104.8 144.8
77 97.3 77.6 117.6





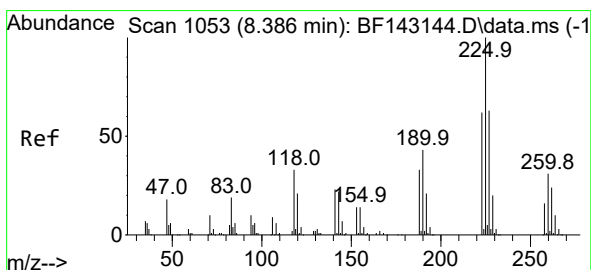
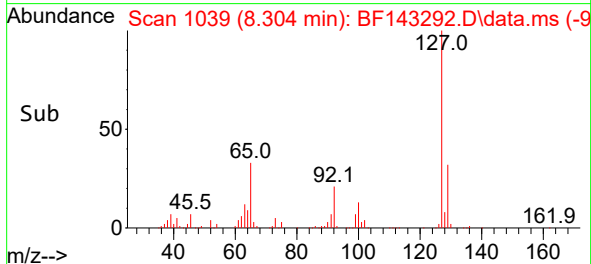
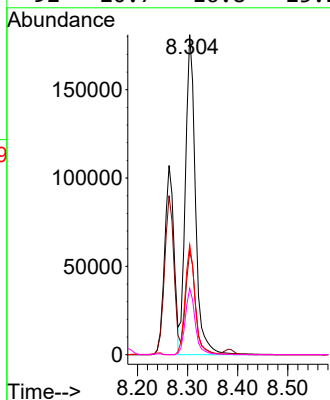
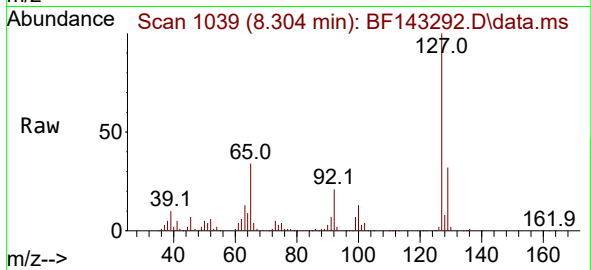
#33
4-Chloroaniline
Concen: 26.166 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143292.D
Acq: 04 Aug 2025 13:08

Instrument :
BNA_F
ClientSampleId :
PB169095BS

Tgt Ion:127 Resp: 253728
Ion Ratio Lower Upper
127 100
129 32.5 26.0 39.0
65 34.4 27.4 41.2
92 20.7 16.8 25.2

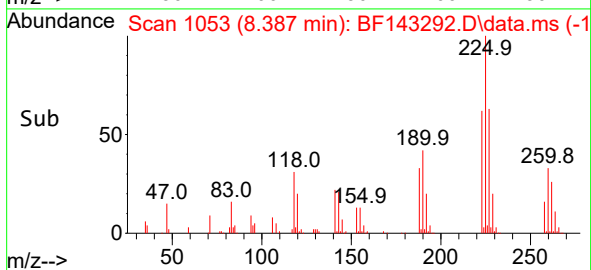
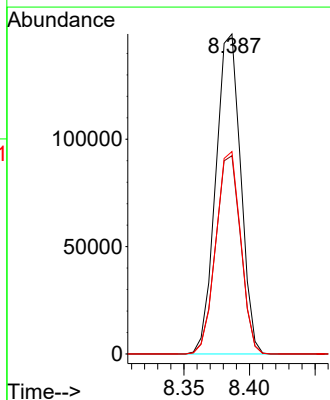
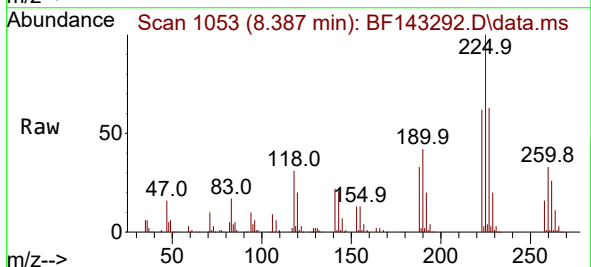
Manual Integrations
APPROVED

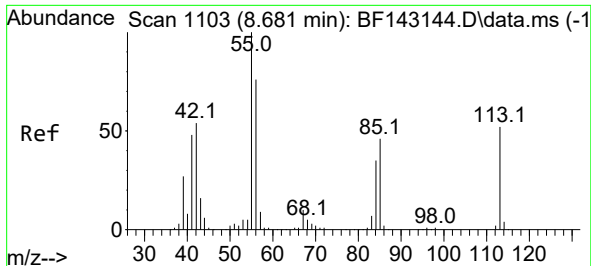
Reviewed By :Rahul Chavli 08/05/2025
Supervised By :Jagrut Upadhyay 08/05/2025



#34
Hexachlorobutadiene
Concen: 44.315 ng
RT: 8.387 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF143292.D
Acq: 04 Aug 2025 13:08

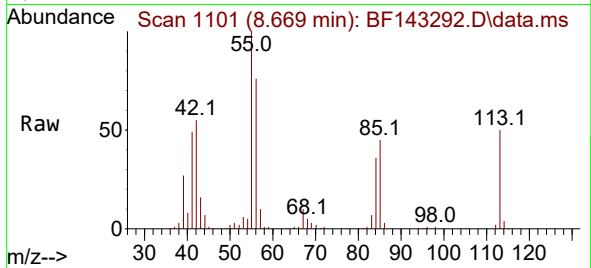
Tgt Ion:225 Resp: 196791
Ion Ratio Lower Upper
225 100
223 62.0 49.8 74.6
227 63.3 50.2 75.4





#35
Caprolactam
Concen: 48.952 ng m
RT: 8.669 min Scan# 1103
Delta R.T. -0.012 min
Lab File: BF143292.D
Acq: 04 Aug 2025 13:08

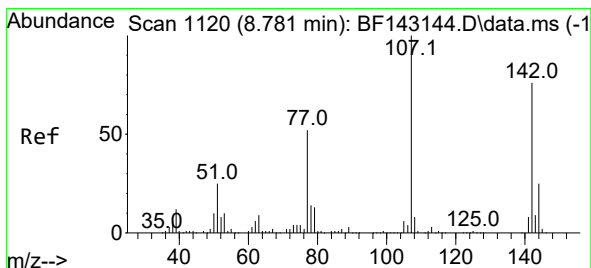
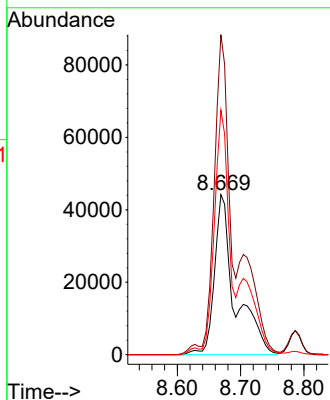
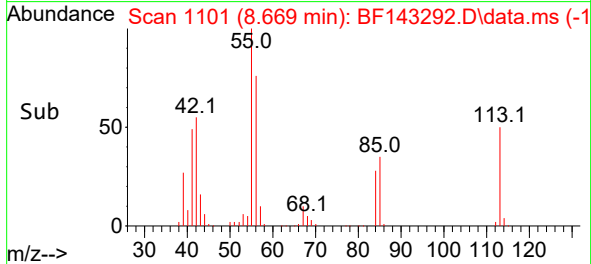
Instrument :
BNA_F
ClientSampleId :
PB169095BS



Tgt Ion:113 Resp: 99534
Ion Ratio Lower Upper
113 100
55 200.0 174.0 214.0
56 152.8 126.6 166.6

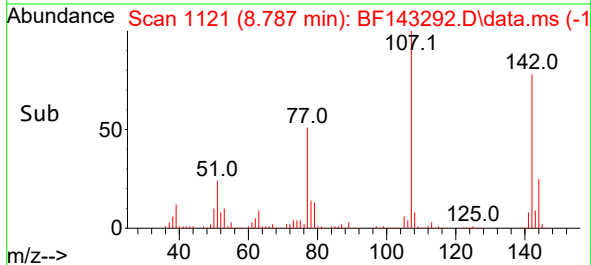
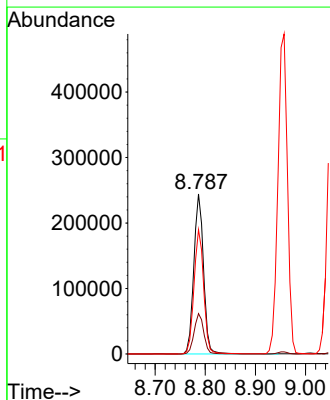
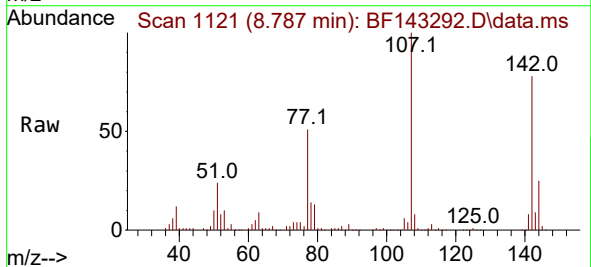
Manual Integrations
APPROVED

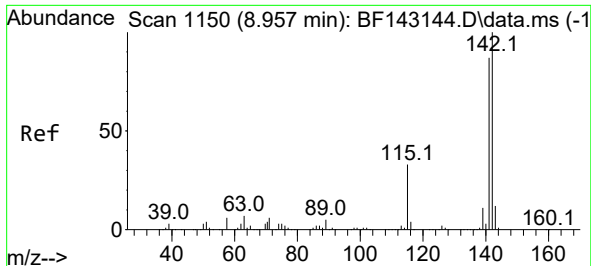
Reviewed By :Rahul Chavli 08/05/2025
Supervised By :Jagrut Upadhyay 08/05/2025



#36
4-Chloro-3-methylphenol
Concen: 44.930 ng
RT: 8.787 min Scan# 1121
Delta R.T. 0.006 min
Lab File: BF143292.D
Acq: 04 Aug 2025 13:08

Tgt Ion:107 Resp: 328600
Ion Ratio Lower Upper
107 100
144 25.2 19.8 29.6
142 77.7 60.6 90.8





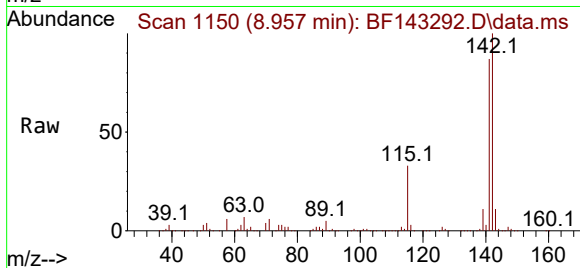
#37
2-Methylnaphthalene
Concen: 44.532 ng
RT: 8.957 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BF143292.D
Acq: 04 Aug 2025 13:08

Instrument :

BNA_F

ClientSampleId :

PB169095BS



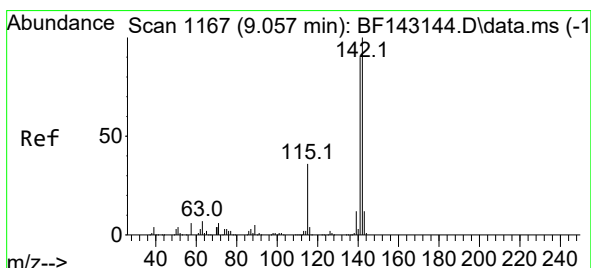
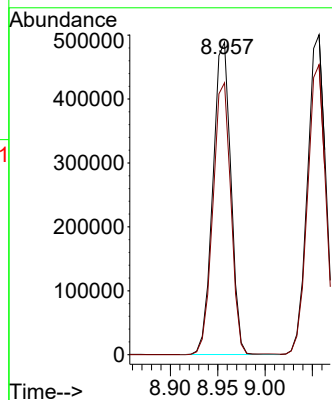
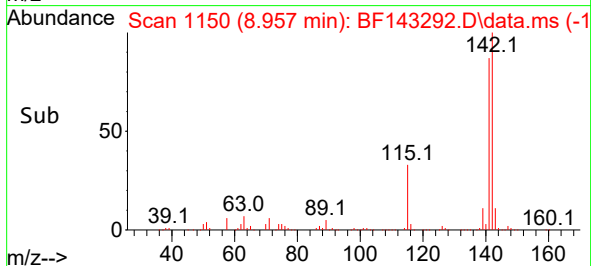
Tgt Ion:142 Resp: 64355
Ion Ratio Lower Upper
142 100
141 87.0 69.9 104.9

Manual Integrations

APPROVED

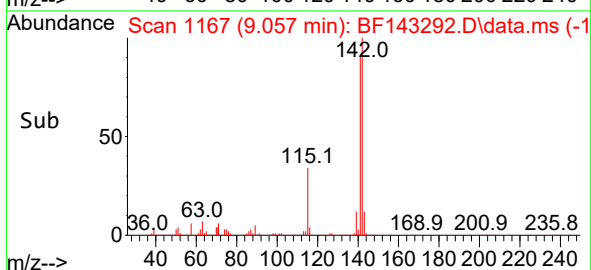
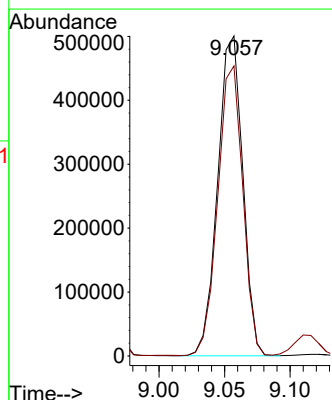
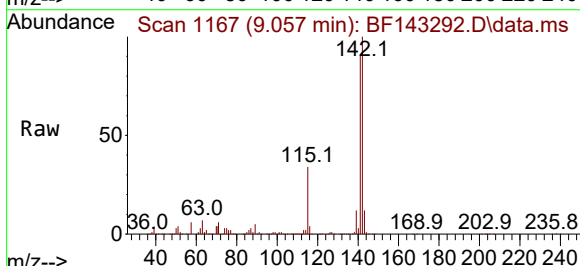
Reviewed By :Rahul Chavli 08/05/2025

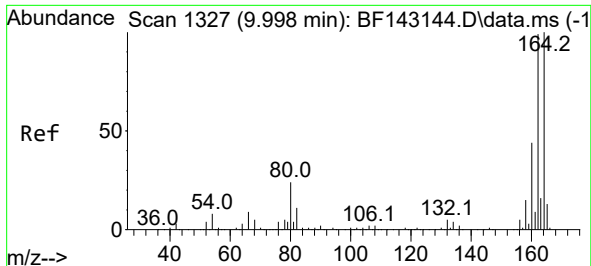
Supervised By :Jagrut Upadhyay 08/05/2025



#38
1-Methylnaphthalene
Concen: 44.634 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143292.D
Acq: 04 Aug 2025 13:08

Tgt Ion:142 Resp: 664217
Ion Ratio Lower Upper
142 100
141 90.7 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: BF143292.D

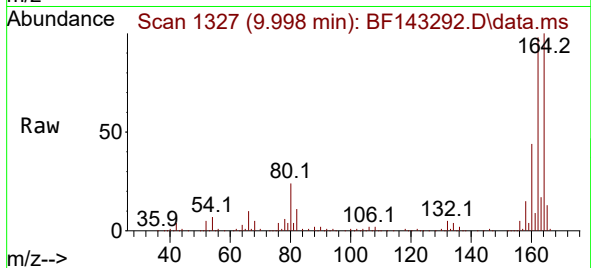
Acq: 04 Aug 2025 13:08

Instrument :

BNA_F

ClientSampleId :

PB169095BS



Tgt Ion:164 Resp: 245125

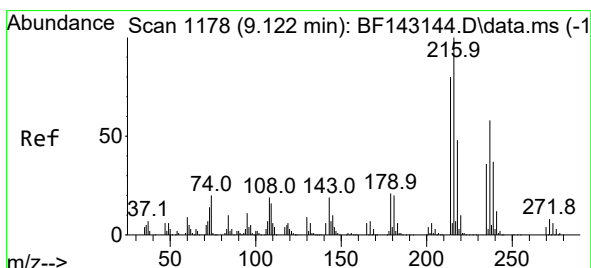
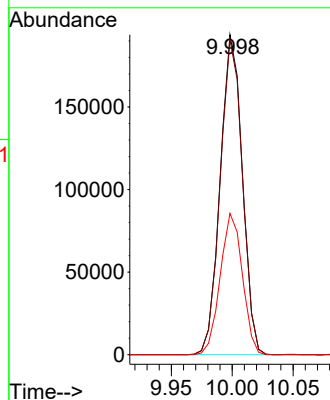
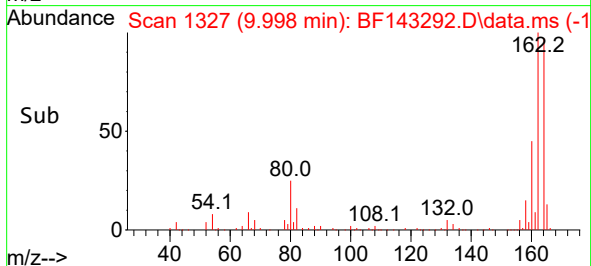
Ion	Ratio	Lower	Upper
164	100		
162	98.4	79.0	118.6
160	44.1	35.1	52.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/05/2025

Supervised By :Jagrut Upadhyay 08/05/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.730 ng

RT: 9.122 min Scan# 1178

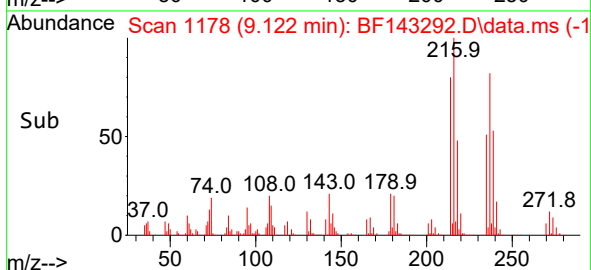
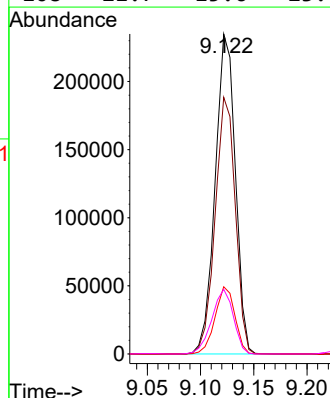
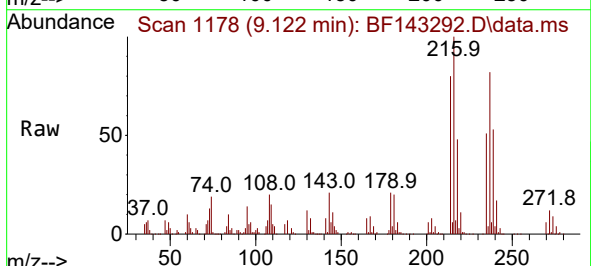
Delta R.T. 0.000 min

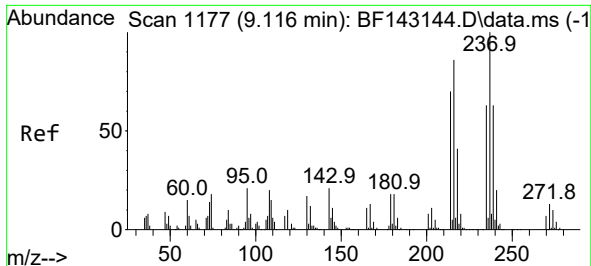
Lab File: BF143292.D

Acq: 04 Aug 2025 13:08

Tgt Ion:216 Resp: 309481

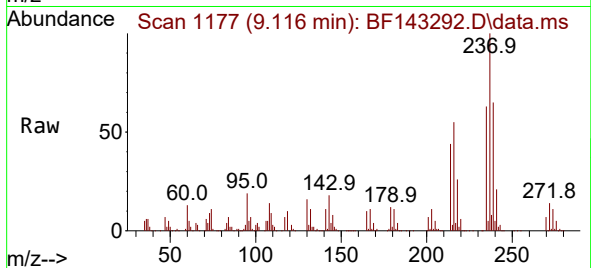
Ion	Ratio	Lower	Upper
216	100		
214	80.1	63.8	95.8
179	20.7	16.4	24.6
108	21.7	15.6	23.4





#41
Hexachlorocyclopentadiene
Concen: 83.125 ng
RT: 9.116 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF143292.D
Acq: 04 Aug 2025 13:08

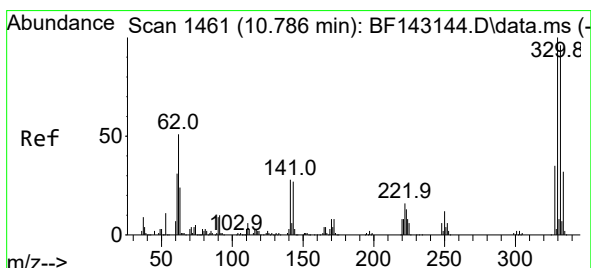
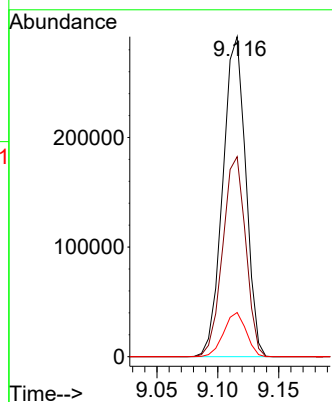
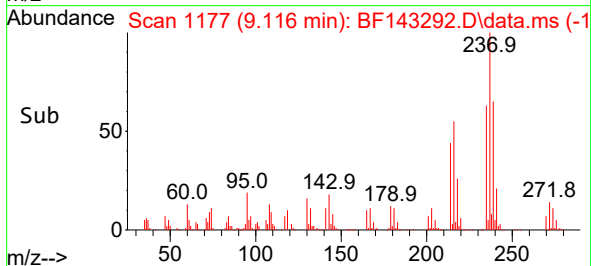
Instrument :
BNA_F
ClientSampleId :
PB169095BS



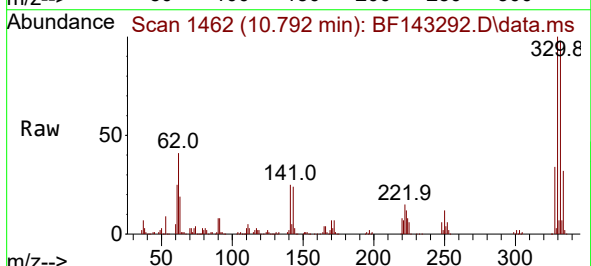
Tgt Ion:237 Resp: 38277
Ion Ratio Lower Upper
237 100
235 62.5 43.0 83.0
272 13.8 0.0 33.3

Manual Integrations
APPROVED

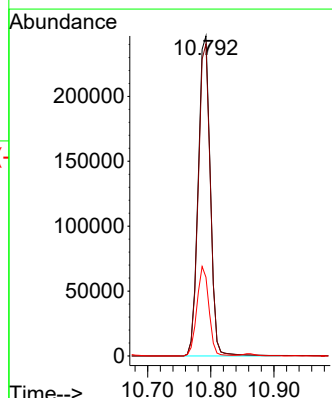
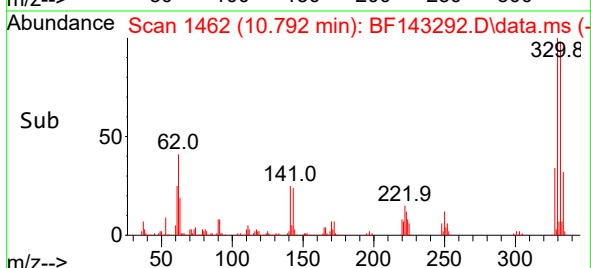
Reviewed By :Rahul Chavli 08/05/2025
Supervised By :Jagrut Upadhyay 08/05/2025

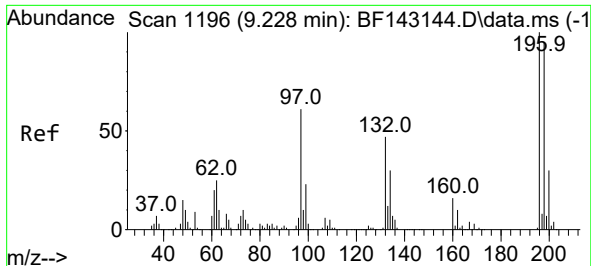


#42
2,4,6-Tribromophenol
Concen: 129.091 ng
RT: 10.792 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BF143292.D
Acq: 04 Aug 2025 13:08



Tgt Ion:330 Resp: 326895
Ion Ratio Lower Upper
330 100
332 97.3 76.7 115.1
141 27.8 23.3 34.9





#43

2,4,6-Trichlorophenol

Concen: 43.090 ng

RT: 9.234 min Scan# 1196

Delta R.T. 0.006 min

Lab File: BF143292.D

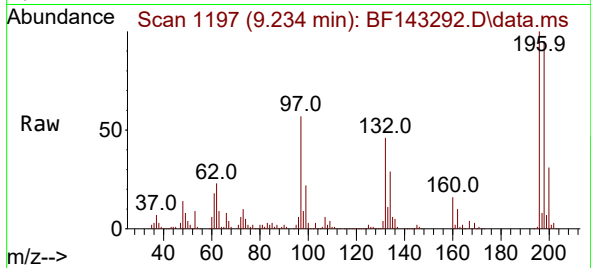
Acq: 04 Aug 2025 13:08

Instrument :

BNA_F

ClientSampleId :

PB169095BS



Tgt Ion:196 Resp: 211052

Ion Ratio Lower Upper

196 100

198 94.8 76.2 114.2

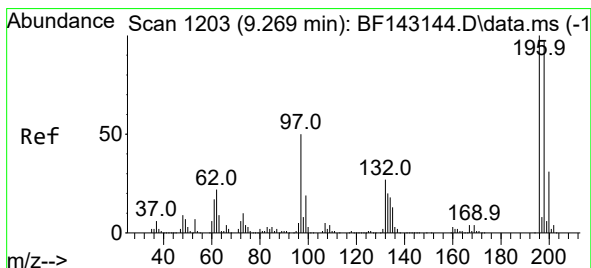
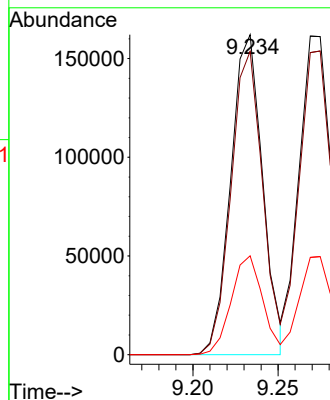
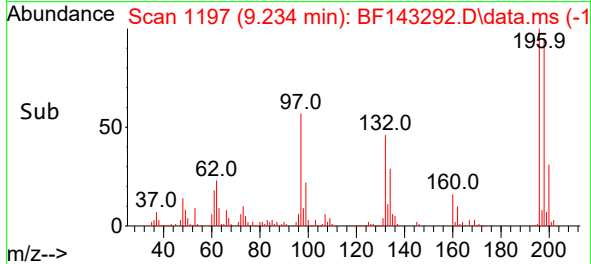
200 30.9 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/05/2025

Supervised By :Jagrut Upadhyay 08/05/2025



#44

2,4,5-Trichlorophenol

Concen: 45.145 ng

RT: 9.269 min Scan# 1203

Delta R.T. 0.000 min

Lab File: BF143292.D

Acq: 04 Aug 2025 13:08

Tgt Ion:196 Resp: 221181

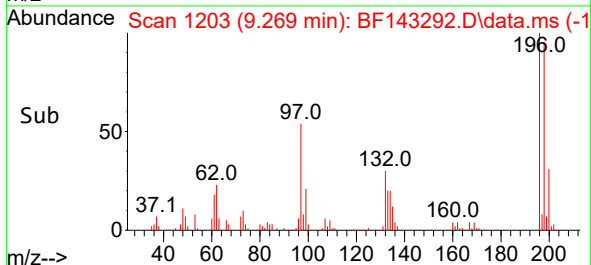
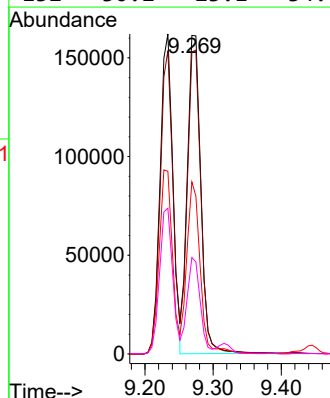
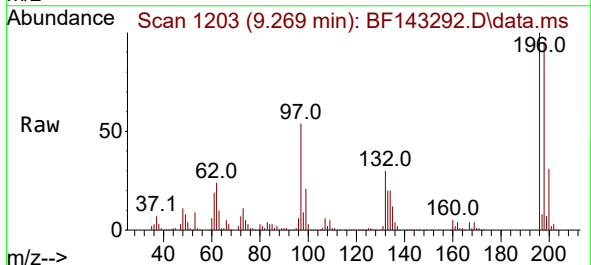
Ion Ratio Lower Upper

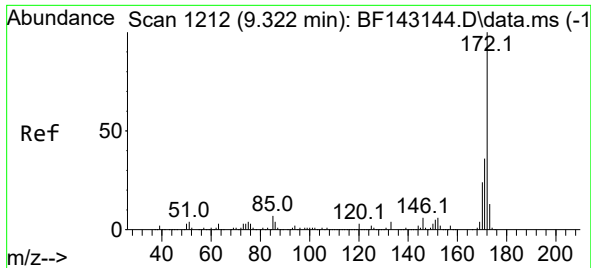
196 100

198 94.8 77.3 115.9

97 54.0 40.3 60.5

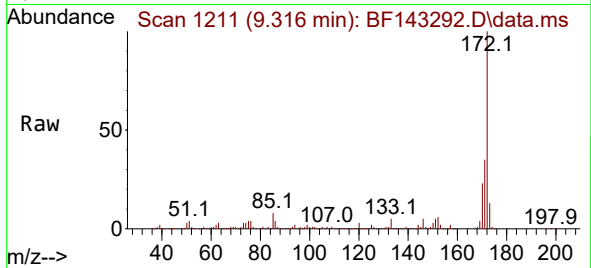
132 30.2 23.1 34.7





#45
2-Fluorobiphenyl
Concen: 78.635 ng
RT: 9.316 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF143292.D
Acq: 04 Aug 2025 13:08

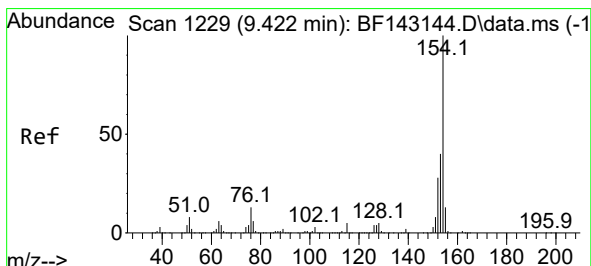
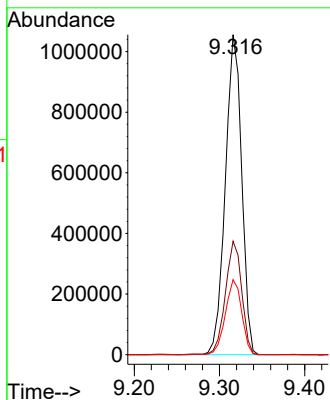
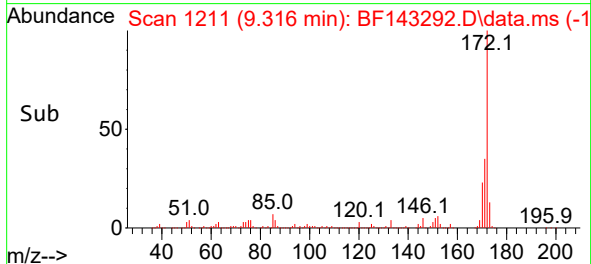
Instrument :
BNA_F
ClientSampleId :
PB169095BS



Tgt Ion:172 Resp: 1409418
Ion Ratio Lower Upper
172 100
171 35.5 28.6 42.8
170 23.5 18.8 28.2

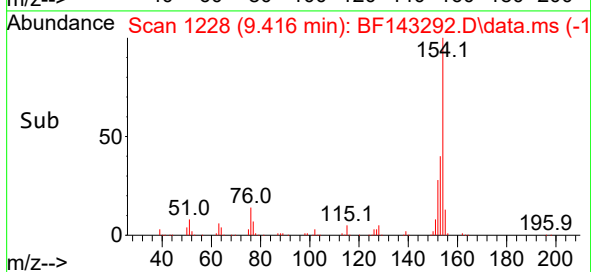
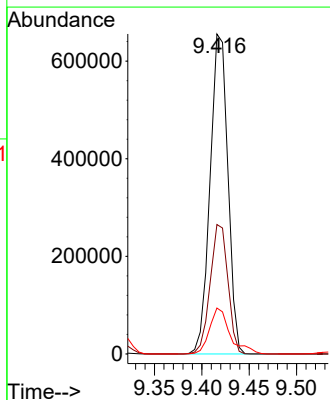
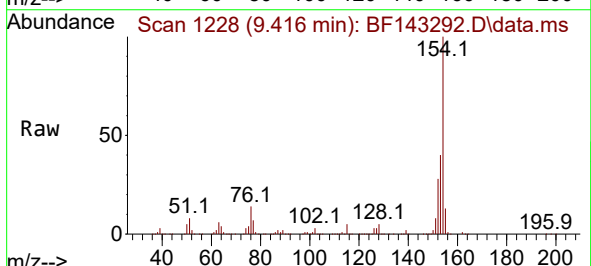
Manual Integrations
APPROVED

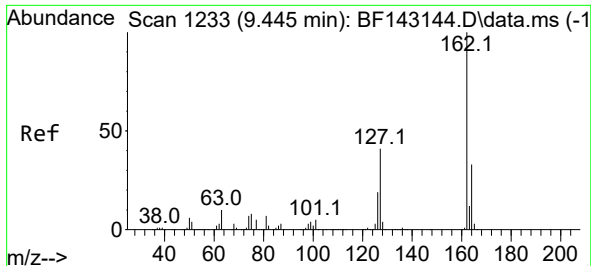
Reviewed By :Rahul Chavli 08/05/2025
Supervised By :Jagrut Upadhyay 08/05/2025



#46
1,1'-Biphenyl
Concen: 44.740 ng
RT: 9.416 min Scan# 1228
Delta R.T. -0.006 min
Lab File: BF143292.D
Acq: 04 Aug 2025 13:08

Tgt Ion:154 Resp: 855640
Ion Ratio Lower Upper
154 100
153 40.4 20.3 60.3
76 14.3 0.0 33.3





#47

2-Chloronaphthalene

Concen: 44.112 ng

RT: 9.445 min Scan# 1233

Delta R.T. 0.000 min

Lab File: BF143292.D

Acq: 04 Aug 2025 13:08

Instrument :

BNA_F

ClientSampleId :

PB169095BS

Tgt Ion:162 Resp: 62421

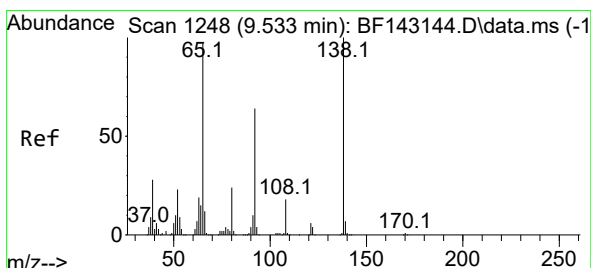
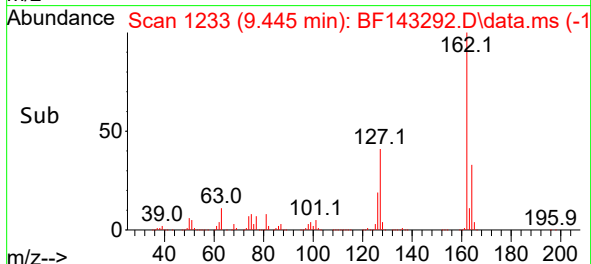
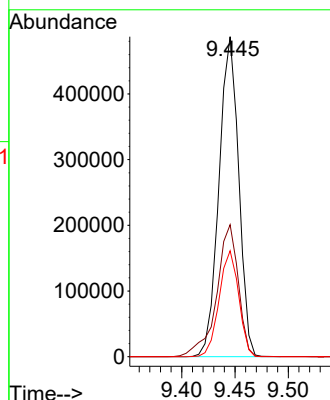
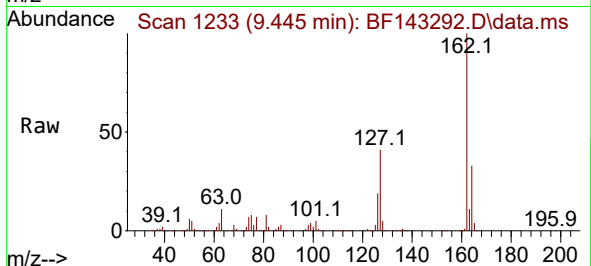
Ion	Ratio	Lower	Upper
162	100		
127	41.3	33.4	50.2
164	33.1	26.2	39.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/05/2025

Supervised By :Jagrut Upadhyay 08/05/2025



#48

2-Nitroaniline

Concen: 48.131 ng

RT: 9.534 min Scan# 1248

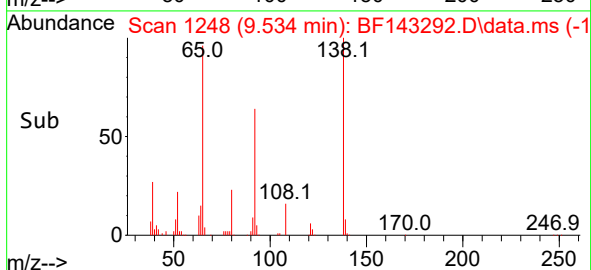
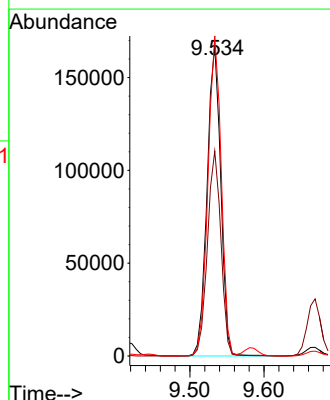
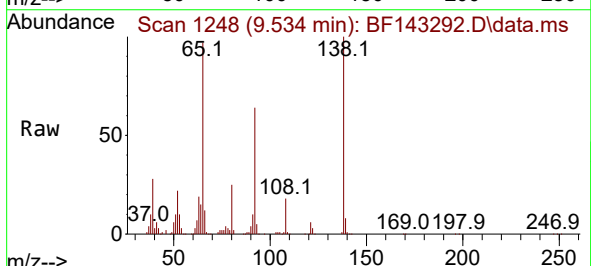
Delta R.T. 0.000 min

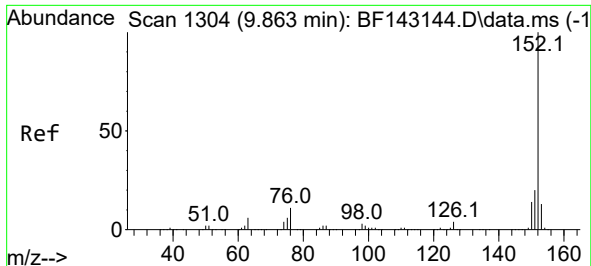
Lab File: BF143292.D

Acq: 04 Aug 2025 13:08

Tgt Ion: 65 Resp: 213589

Ion	Ratio	Lower	Upper
65	100		
92	66.0	52.4	78.6
138	103.1	82.3	123.5





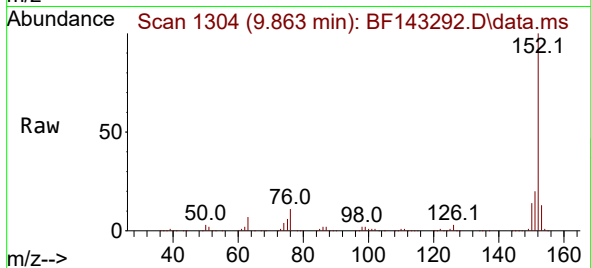
#49
Acenaphthylene
Concen: 45.027 ng
RT: 9.863 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143292.D
Acq: 04 Aug 2025 13:08

Instrument :

BNA_F

ClientSampleId :

PB169095BS



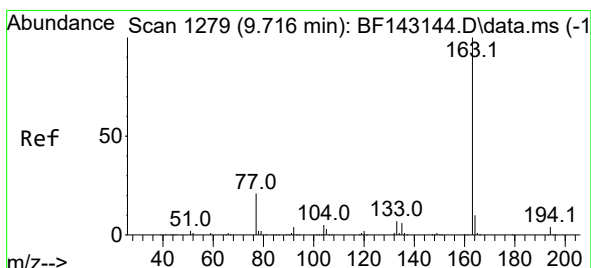
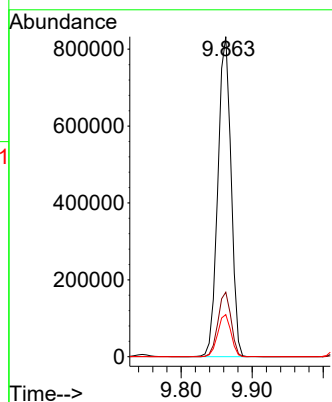
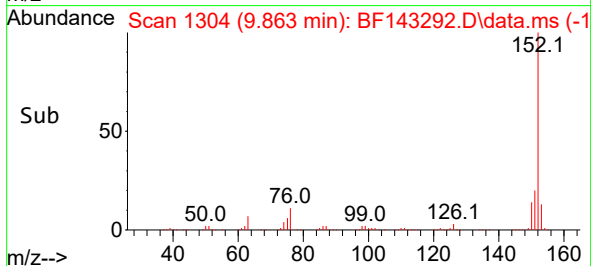
Tgt Ion:152 Resp: 106779
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 13.2 10.6 16.0

Manual Integrations

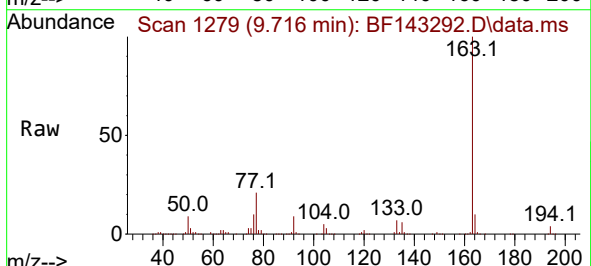
APPROVED

Reviewed By :Rahul Chavli 08/05/2025

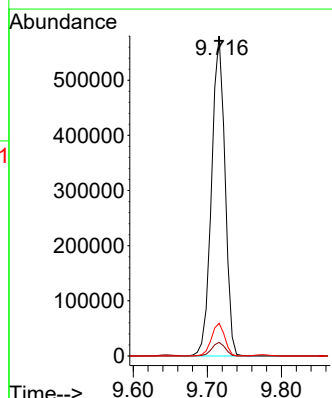
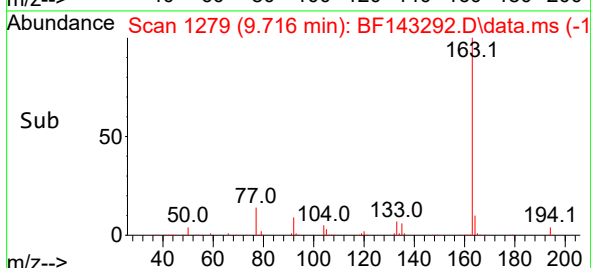
Supervised By :Jagrut Upadhyay 08/05/2025

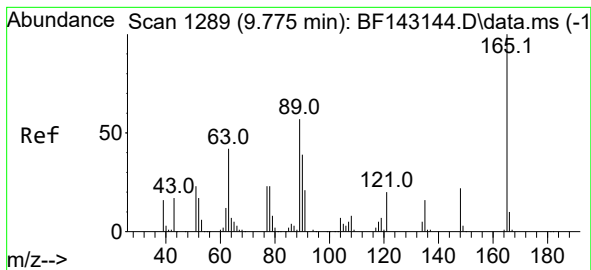


#50
Dimethylphthalate
Concen: 45.653 ng
RT: 9.716 min Scan# 1279
Delta R.T. 0.000 min
Lab File: BF143292.D
Acq: 04 Aug 2025 13:08



Tgt Ion:163 Resp: 729437
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.2 8.3 12.5





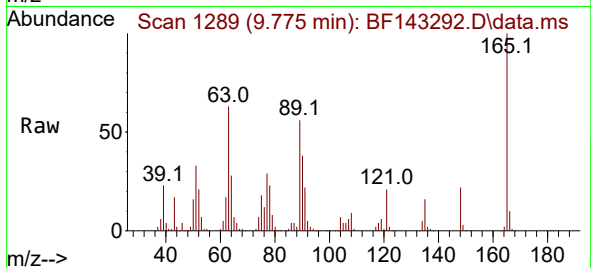
#51
2,6-Dinitrotoluene
Concen: 48.067 ng
RT: 9.775 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BF143292.D
Acq: 04 Aug 2025 13:08

Instrument :

BNA_F

ClientSampleId :

PB169095BS



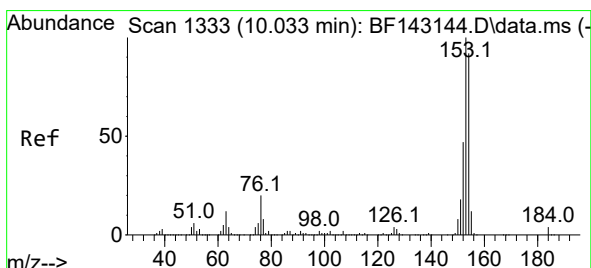
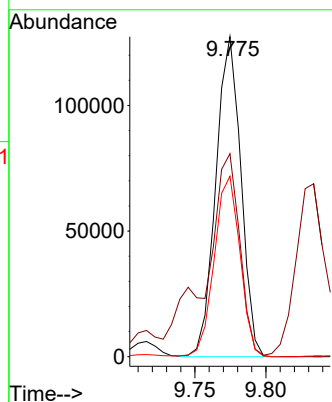
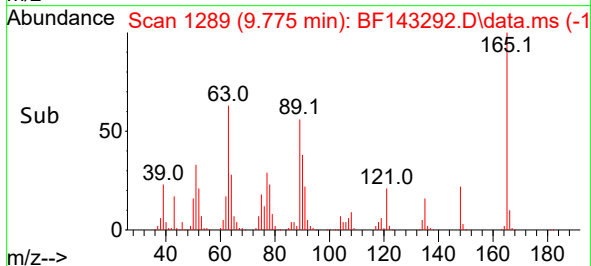
Tgt Ion:165 Resp: 156230
Ion Ratio Lower Upper
165 100
63 63.4 49.4 74.2
89 56.4 46.2 69.2

Manual Integrations

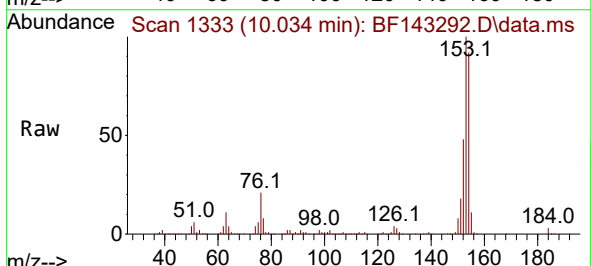
APPROVED

Reviewed By :Rahul Chavli 08/05/2025

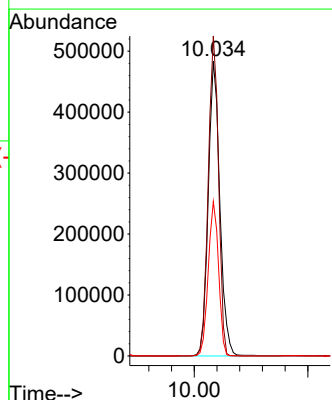
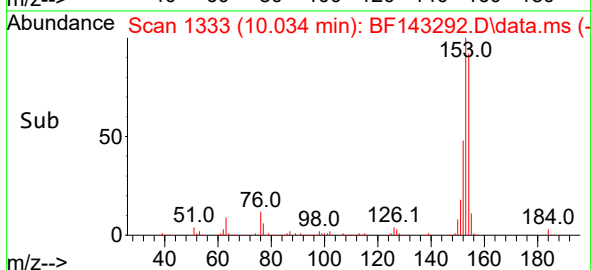
Supervised By :Jagrut Upadhyay 08/05/2025

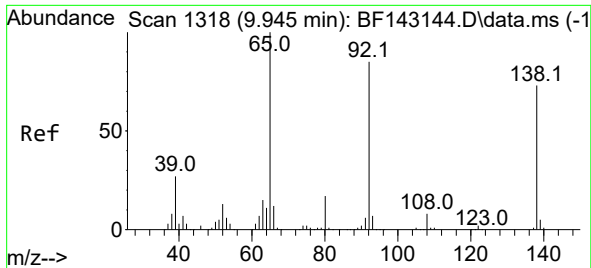


#52
Acenaphthene
Concen: 48.615 ng
RT: 10.034 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF143292.D
Acq: 04 Aug 2025 13:08



Tgt Ion:154 Resp: 681400
Ion Ratio Lower Upper
154 100
153 108.6 86.6 129.8
152 52.4 40.4 60.6





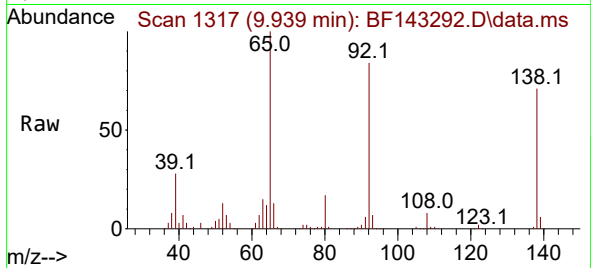
#53
3-Nitroaniline
Concen: 33.553 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF143292.D
Acq: 04 Aug 2025 13:08

Instrument :

BNA_F

ClientSampleId :

PB169095BS



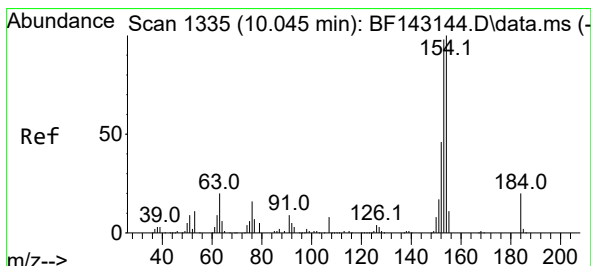
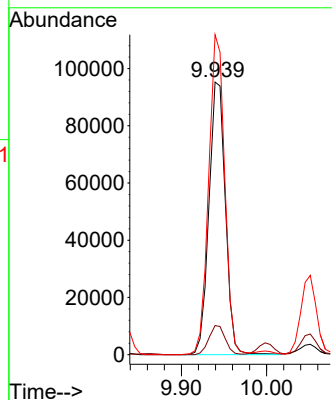
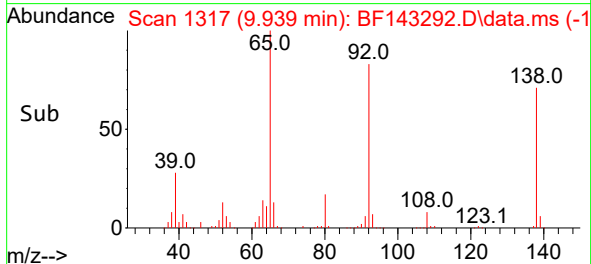
Tgt Ion:138 Resp: 127562
Ion Ratio Lower Upper
138 100
108 10.7 9.0 13.6
92 117.4 93.0 139.4

Manual Integrations

APPROVED

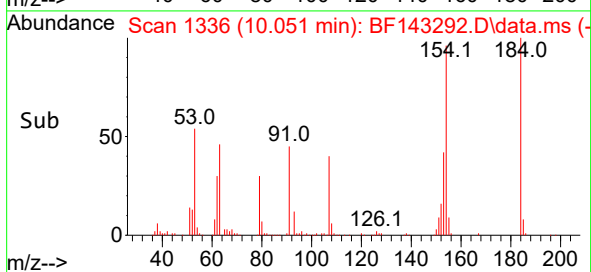
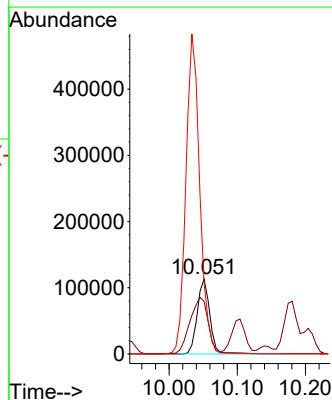
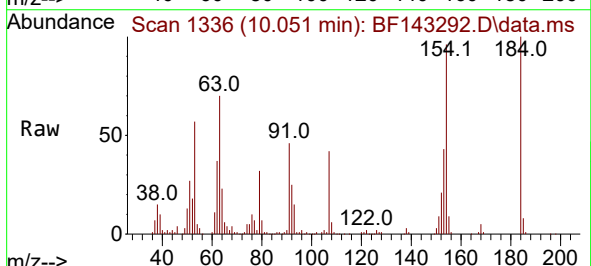
Reviewed By :Rahul Chavli 08/05/2025

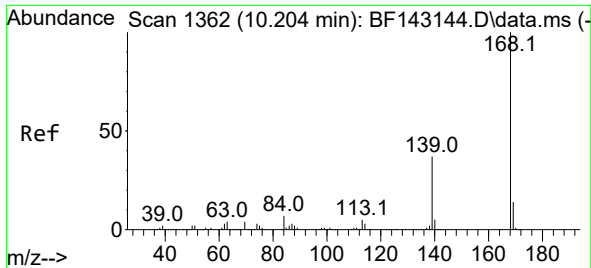
Supervised By :Jagrut Upadhyay 08/05/2025



#54
2,4-Dinitrophenol
Concen: 96.948 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF143292.D
Acq: 04 Aug 2025 13:08

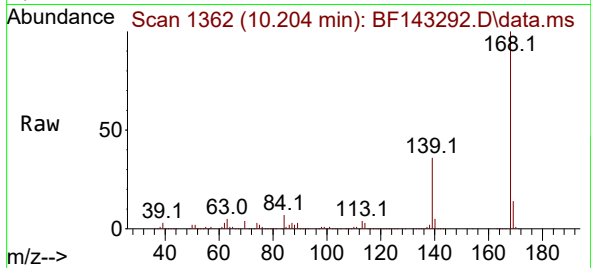
Tgt Ion:184 Resp: 145087
Ion Ratio Lower Upper
184 100
63 70.4 81.8 122.6#
154 96.2 412.2 618.4#





#55
Dibenzofuran
Concen: 44.473 ng
RT: 10.204 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143292.D
Acq: 04 Aug 2025 13:08

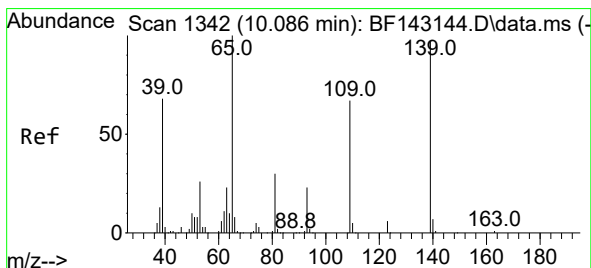
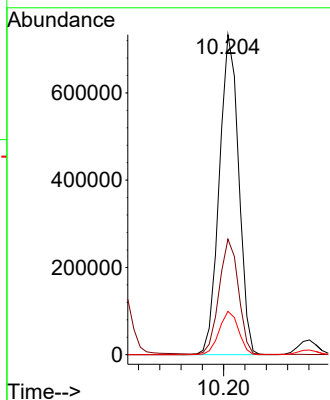
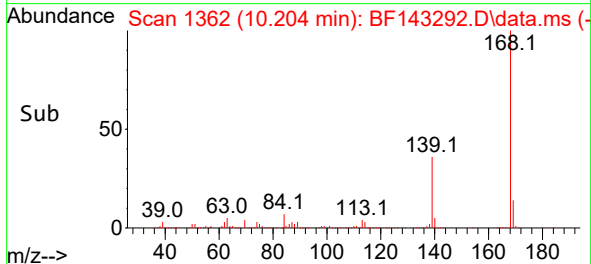
Instrument :
BNA_F
ClientSampleId :
PB169095BS



Tgt Ion:168 Resp: 925480
Ion Ratio Lower Upper
168 100
139 36.1 29.5 44.3
169 13.6 10.9 16.3

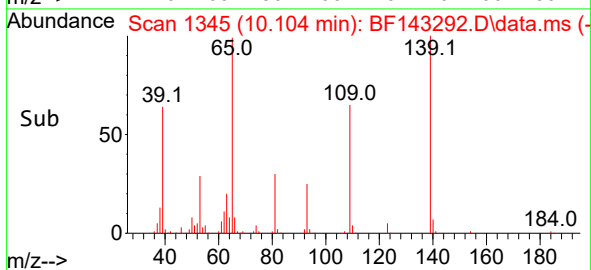
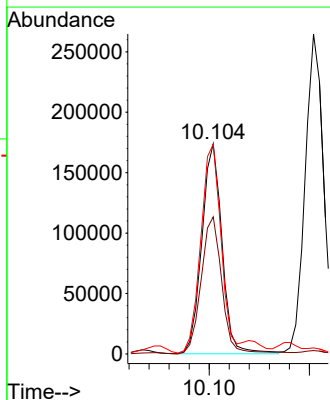
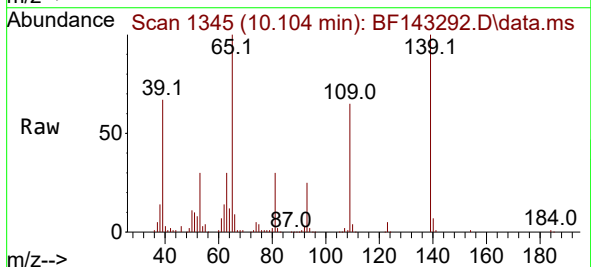
Manual Integrations
APPROVED

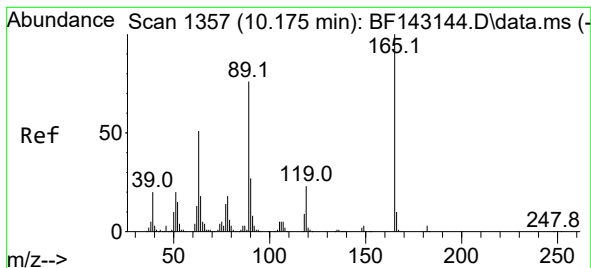
Reviewed By :Rahul Chavli 08/05/2025
Supervised By :Jagrut Upadhyay 08/05/2025



#56
4-Nitrophenol
Concen: 85.904 ng
RT: 10.104 min Scan# 1345
Delta R.T. 0.018 min
Lab File: BF143292.D
Acq: 04 Aug 2025 13:08

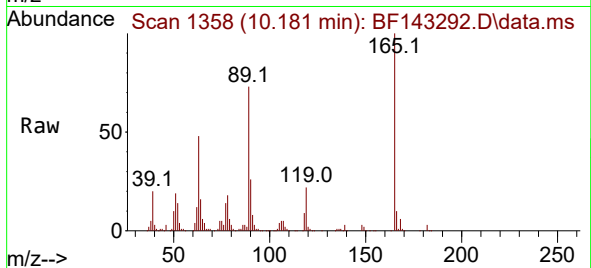
Tgt Ion:139 Resp: 243883
Ion Ratio Lower Upper
139 100
109 65.3 48.5 88.5
65 99.9 83.4 123.4





#57
2,4-Dinitrotoluene
Concen: 51.138 ng
RT: 10.181 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143292.D
Acq: 04 Aug 2025 13:08

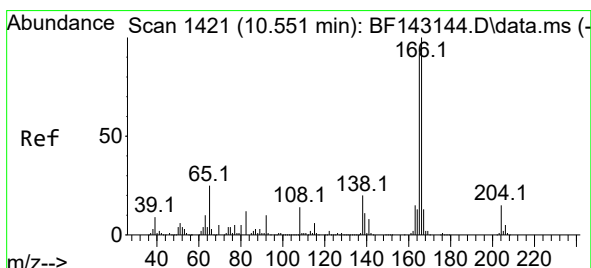
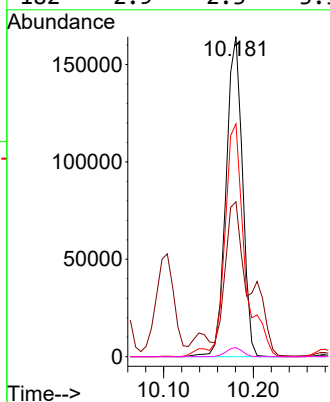
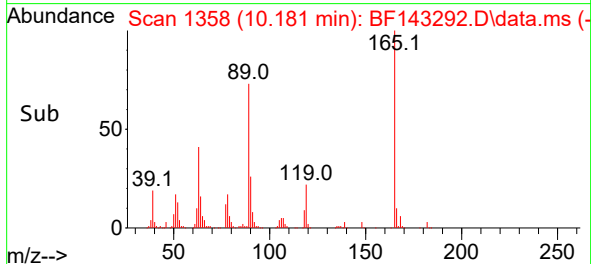
Instrument :
BNA_F
ClientSampleId :
PB169095BS



Tgt Ion:165 Resp: 20853
Ion Ratio Lower Upper
165 100
63 48.4 41.0 61.4
89 72.8 61.1 91.7
182 2.9 2.3 3.5

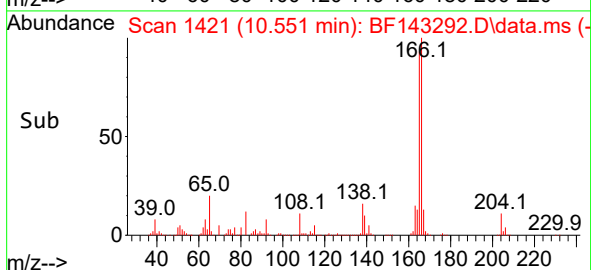
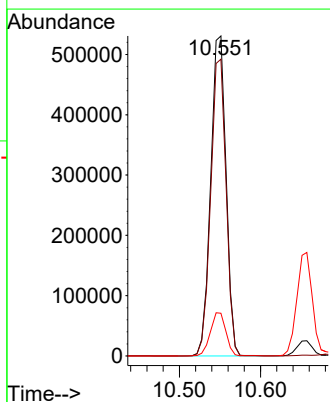
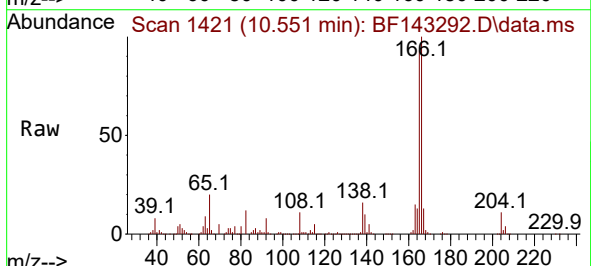
Manual Integrations
APPROVED

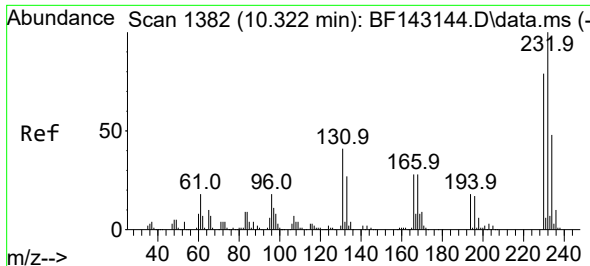
Reviewed By :Rahul Chavli 08/05/2025
Supervised By :Jagrut Upadhyay 08/05/2025



#58
Fluorene
Concen: 44.675 ng
RT: 10.551 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF143292.D
Acq: 04 Aug 2025 13:08

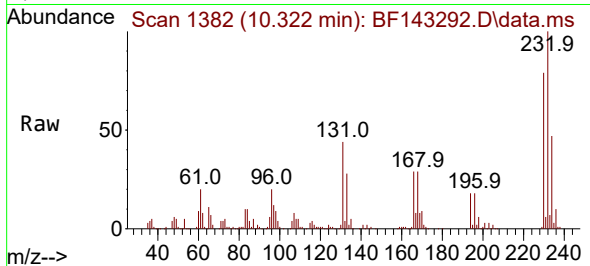
Tgt Ion:166 Resp: 697741
Ion Ratio Lower Upper
166 100
165 92.8 73.7 110.5
167 13.3 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.965 ng
RT: 10.322 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF143292.D
Acq: 04 Aug 2025 13:08

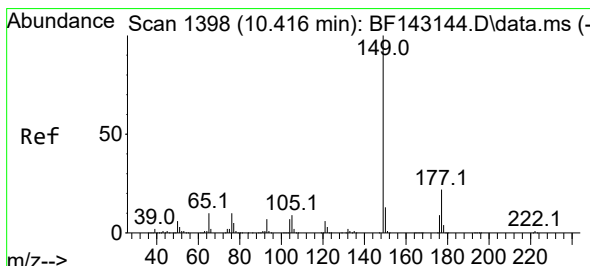
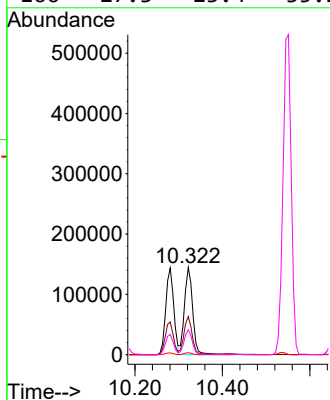
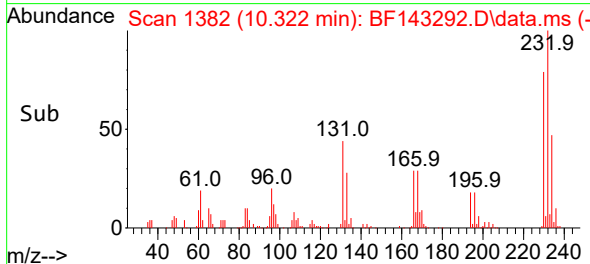
Instrument :
BNA_F
ClientSampleId :
PB169095BS



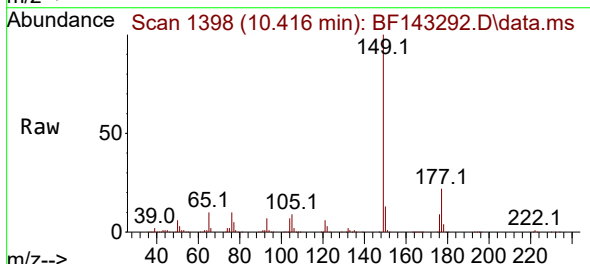
Tgt Ion:232 Resp: 190600
Ion Ratio Lower Upper
232 100
131 42.7 35.3 52.9
130 2.1 1.7 2.5
166 27.3 23.4 35.2

Manual Integrations
APPROVED

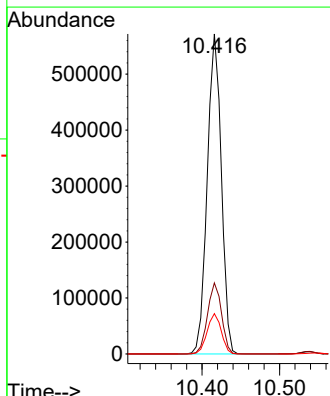
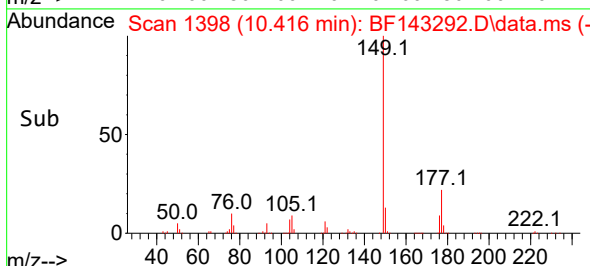
Reviewed By :Rahul Chavli 08/05/2025
Supervised By :Jagrut Upadhyay 08/05/2025

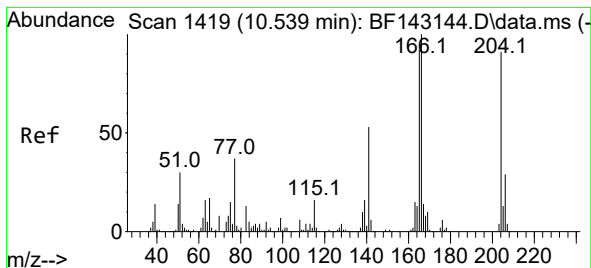


#60
Diethylphthalate
Concen: 45.687 ng
RT: 10.416 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF143292.D
Acq: 04 Aug 2025 13:08



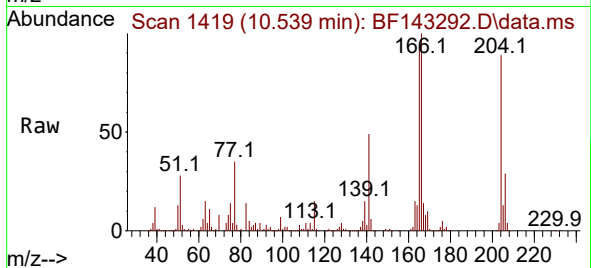
Tgt Ion:149 Resp: 721514
Ion Ratio Lower Upper
149 100
177 22.2 17.5 26.3
150 12.6 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 45.349 ng
RT: 10.539 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF143292.D
Acq: 04 Aug 2025 13:08

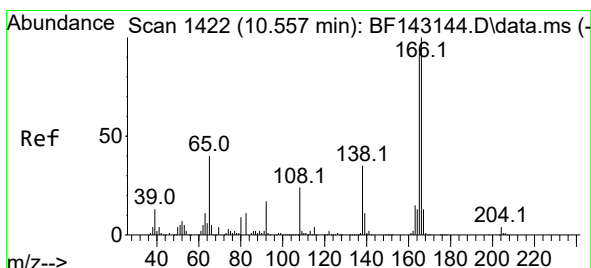
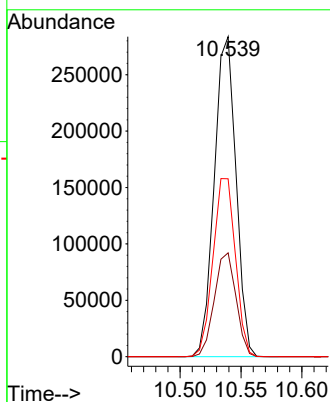
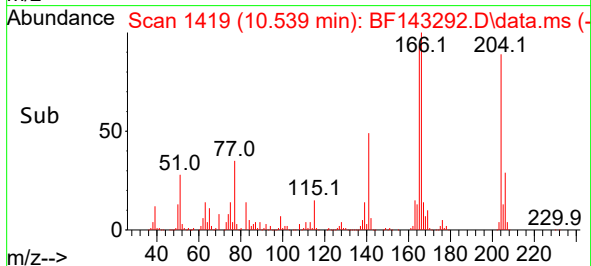
Instrument :
BNA_F
ClientSampleId :
PB169095BS



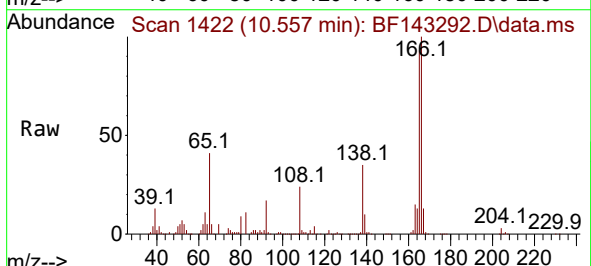
Tgt Ion:204 Resp: 352680
Ion Ratio Lower Upper
204 100
206 32.5 25.8 38.8
141 55.6 47.0 70.4

Manual Integrations
APPROVED

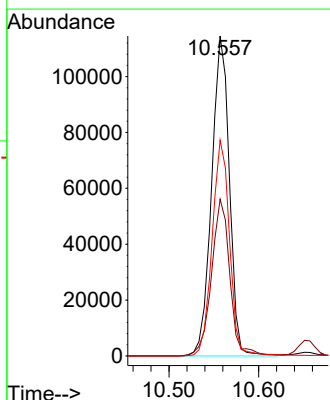
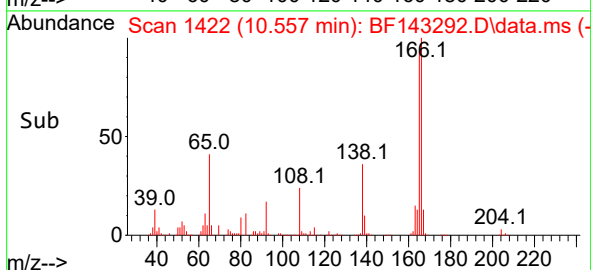
Reviewed By :Rahul Chavli 08/05/2025
Supervised By :Jagrut Upadhyay 08/05/2025

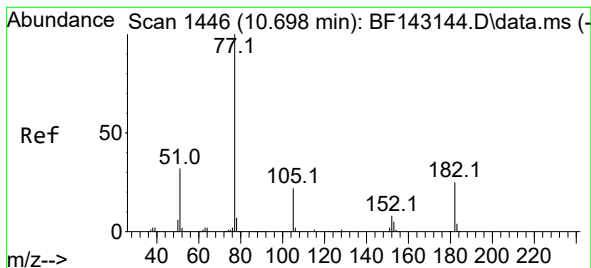


#62
4-Nitroaniline
Concen: 48.296 ng
RT: 10.557 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF143292.D
Acq: 04 Aug 2025 13:08



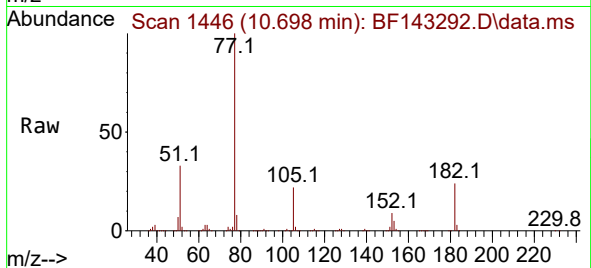
Tgt Ion:138 Resp: 157368
Ion Ratio Lower Upper
138 100
92 49.0 29.3 69.3
108 67.5 48.3 88.3





#63
Azobenzene
Concen: 46.134 ng
RT: 10.698 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BF143292.D
Acq: 04 Aug 2025 13:08

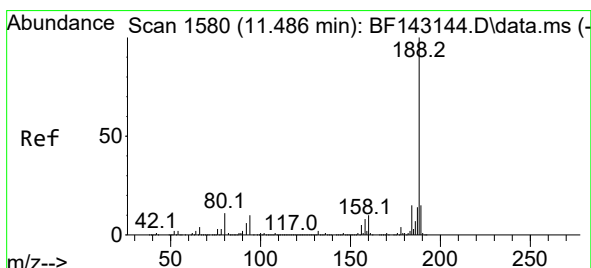
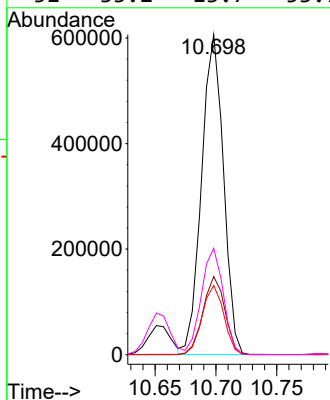
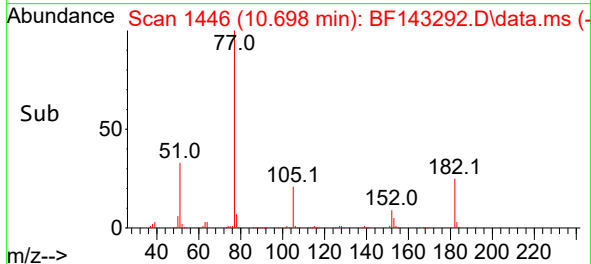
Instrument :
BNA_F
ClientSampleId :
PB169095BS



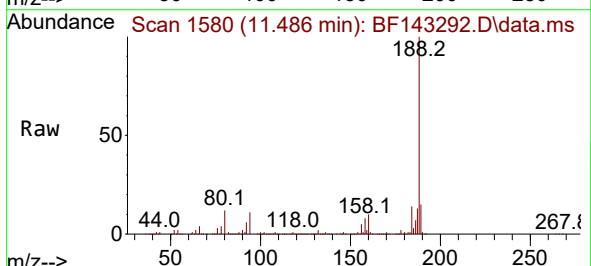
Tgt Ion: 77 Resp: 75934
Ion Ratio Lower Upper
77 100
182 24.4 4.6 44.6
105 21.6 1.4 41.4
51 33.2 13.7 53.7

Manual Integrations
APPROVED

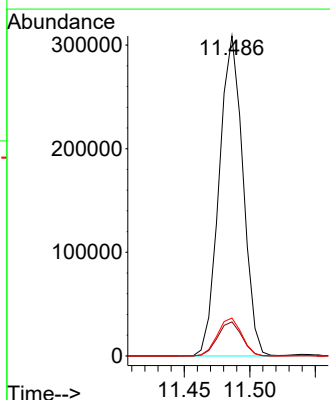
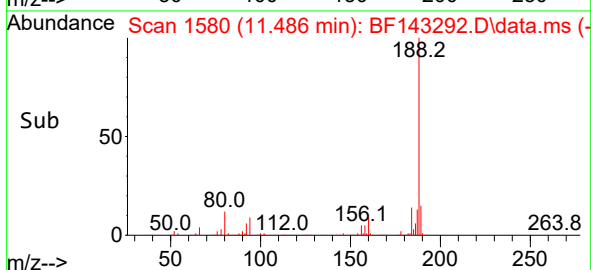
Reviewed By :Rahul Chavli 08/05/2025
Supervised By :Jagrut Upadhyay 08/05/2025

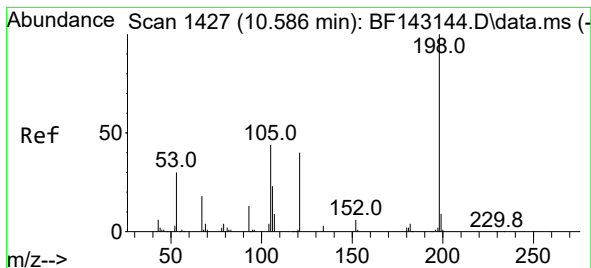


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143292.D
Acq: 04 Aug 2025 13:08



Tgt Ion:188 Resp: 389309
Ion Ratio Lower Upper
188 100
94 10.6 8.3 12.5
80 11.8 9.0 13.6





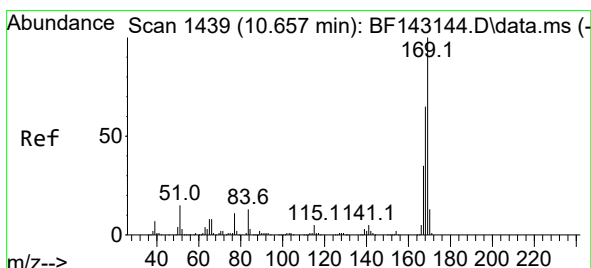
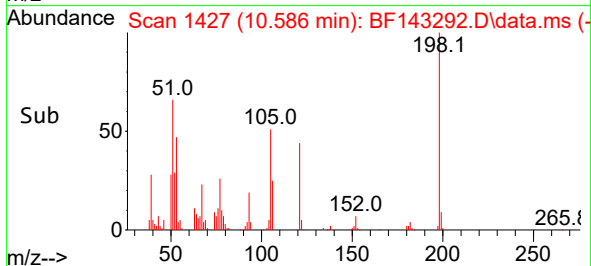
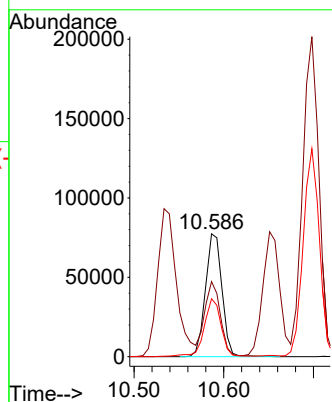
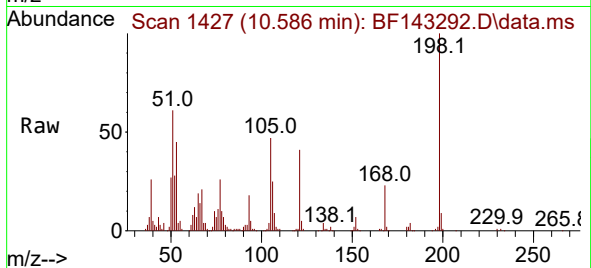
#65
4,6-Dinitro-2-methylphenol
Concen: 48.423 ng
RT: 10.586 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF143292.D
Acq: 04 Aug 2025 13:08

Instrument :
BNA_F
ClientSampleId :
PB169095BS

Tgt Ion:198 Resp: 98935
Ion Ratio Lower Upper
198 100
51 61.1 37.2 77.2
105 47.1 24.8 64.8

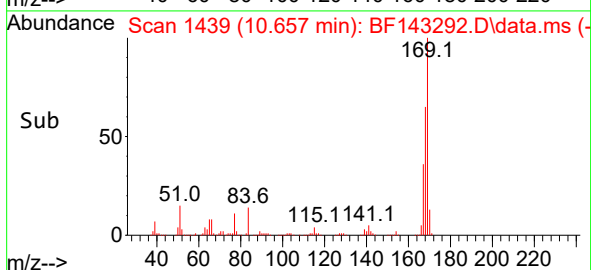
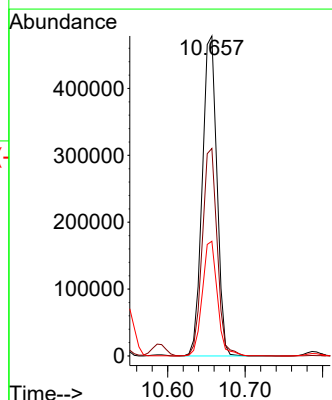
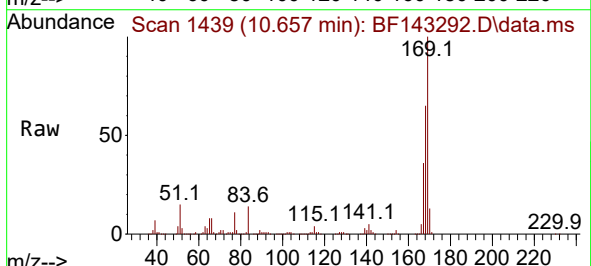
Manual Integrations
APPROVED

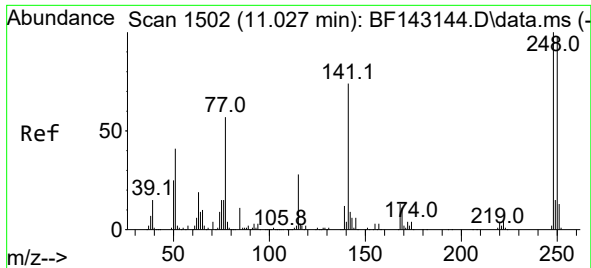
Reviewed By :Rahul Chavli 08/05/2025
Supervised By :Jagrut Upadhyay 08/05/2025



#66
n-Nitrosodiphenylamine
Concen: 45.694 ng
RT: 10.657 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF143292.D
Acq: 04 Aug 2025 13:08

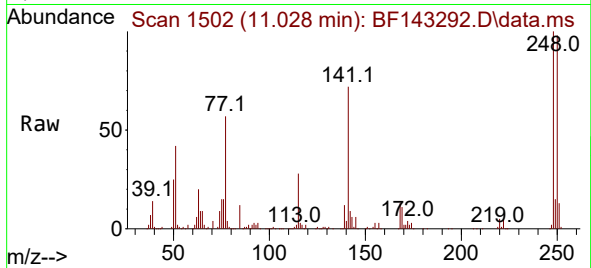
Tgt Ion:169 Resp: 626412
Ion Ratio Lower Upper
169 100
168 64.8 52.1 78.1
167 35.9 28.2 42.2





#67
4-Bromophenyl-phenylether
Concen: 45.749 ng
RT: 11.028 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF143292.D
Acq: 04 Aug 2025 13:08

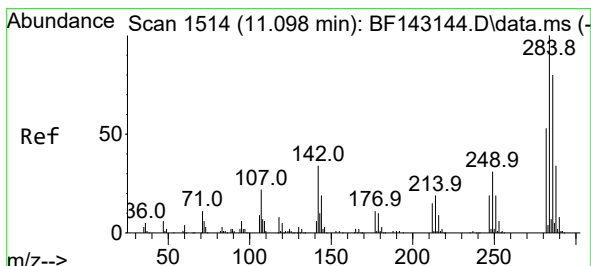
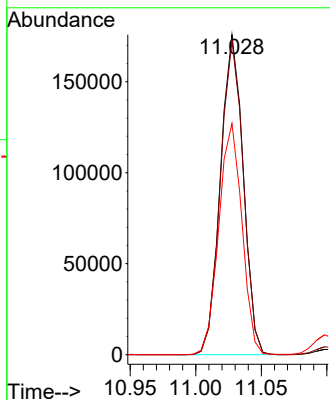
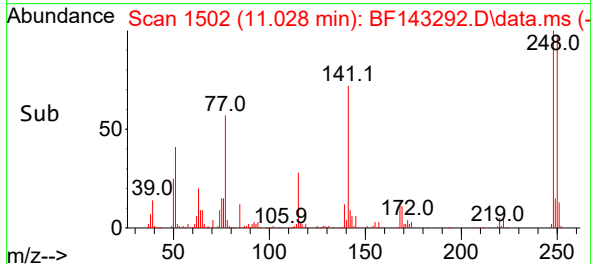
Instrument :
BNA_F
ClientSampleId :
PB169095BS



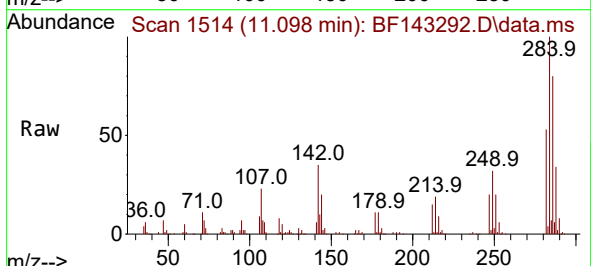
Tgt Ion:248 Resp: 21225
Ion Ratio Lower Upper
248 100
250 98.1 78.3 117.5
141 72.2 59.2 88.8

Manual Integrations
APPROVED

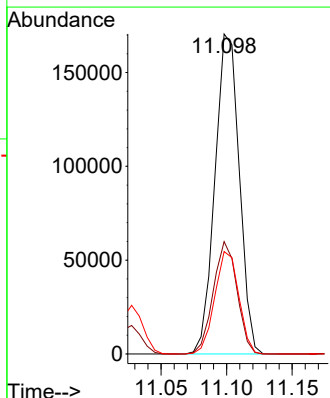
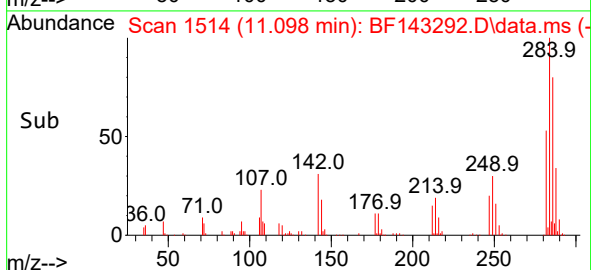
Reviewed By :Rahul Chavli 08/05/2025
Supervised By :Jagrut Upadhyay 08/05/2025

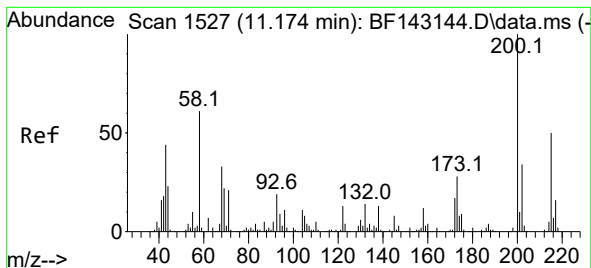


#68
Hexachlorobenzene
Concen: 45.312 ng
RT: 11.098 min Scan# 1514
Delta R.T. 0.000 min
Lab File: BF143292.D
Acq: 04 Aug 2025 13:08



Tgt Ion:284 Resp: 219731
Ion Ratio Lower Upper
284 100
142 35.1 27.0 40.6
249 32.0 25.0 37.6





#69

Atrazine

Concen: 49.201 ng

RT: 11.175 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143292.D

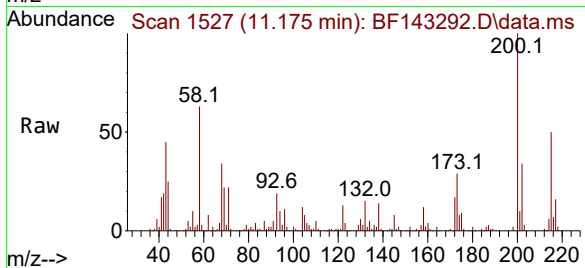
Acq: 04 Aug 2025 13:08

Instrument :

BNA_F

ClientSampleId :

PB169095BS



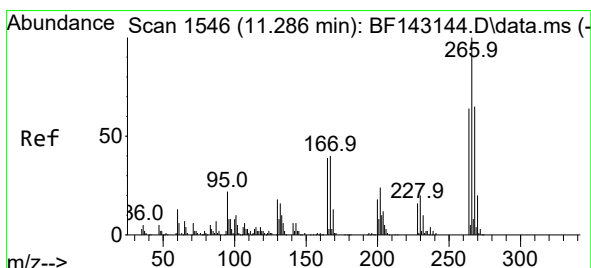
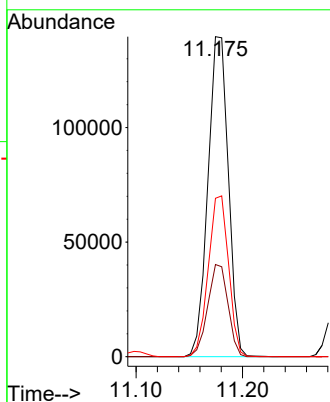
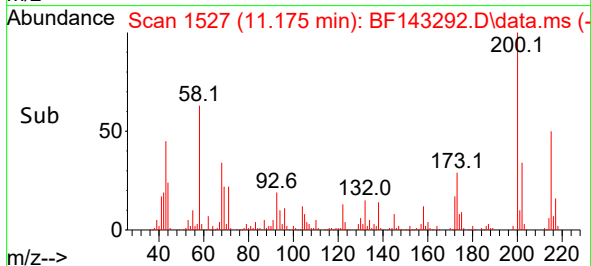
Tgt Ion:	200	Resp:	185950
Ion Ratio	Lower	Upper	
200	100		
173	28.8	7.9	47.9
215	49.5	30.1	70.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/05/2025

Supervised By :Jagrut Upadhyay 08/05/2025



#70

Pentachlorophenol

Concen: 86.051 ng

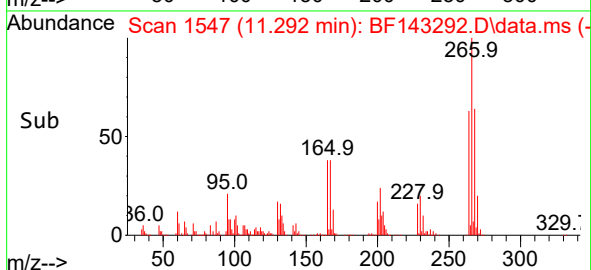
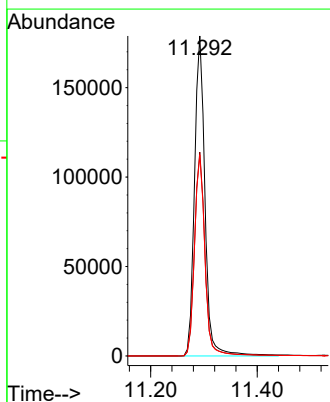
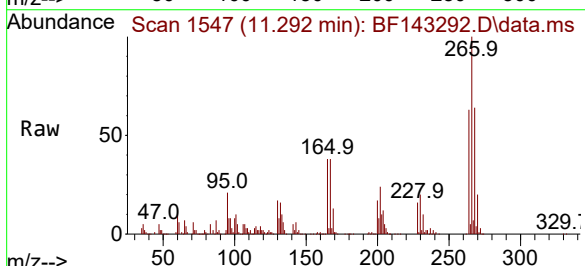
RT: 11.292 min Scan# 1547

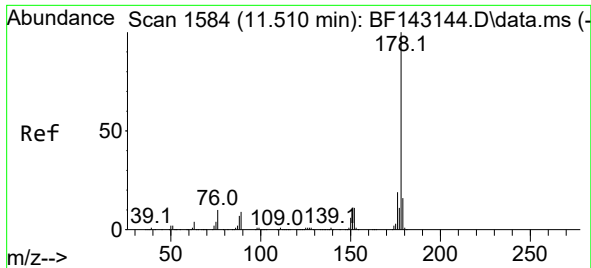
Delta R.T. 0.006 min

Lab File: BF143292.D

Acq: 04 Aug 2025 13:08

Tgt Ion:	266	Resp:	245397
Ion Ratio	Lower	Upper	
266	100		
268	63.7	51.9	77.9
264	62.9	51.0	76.6





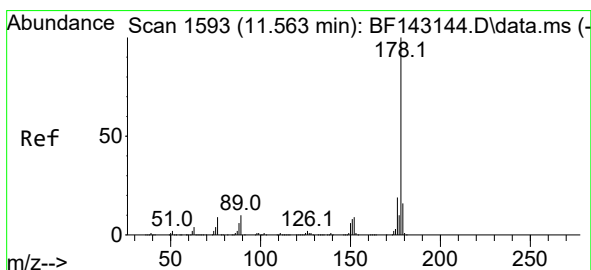
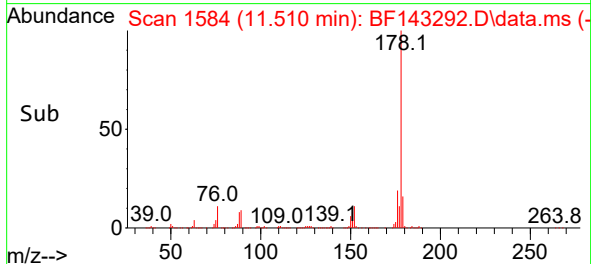
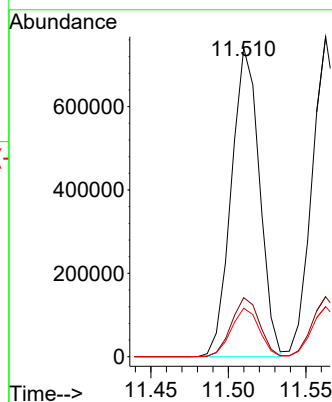
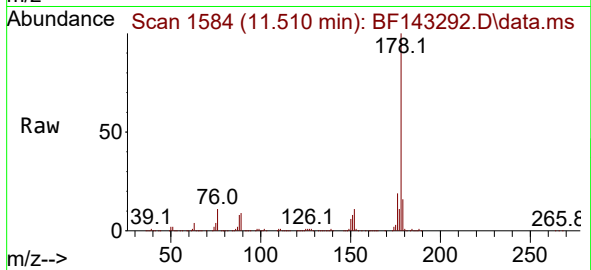
#71
Phenanthrene
Concen: 45.281 ng
RT: 11.510 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF143292.D
Acq: 04 Aug 2025 13:08

Instrument :
BNA_F
ClientSampleId :
PB169095BS

Tgt Ion:178 Resp: 93601
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.7 12.5 18.7

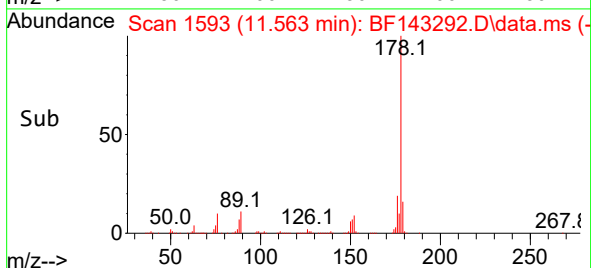
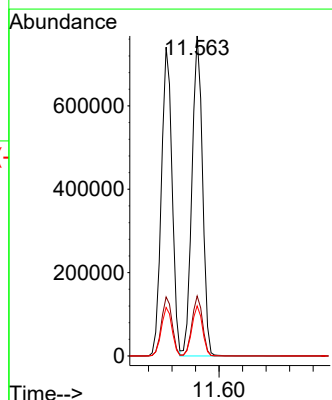
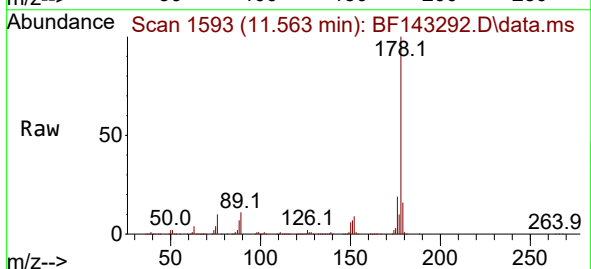
Manual Integrations
APPROVED

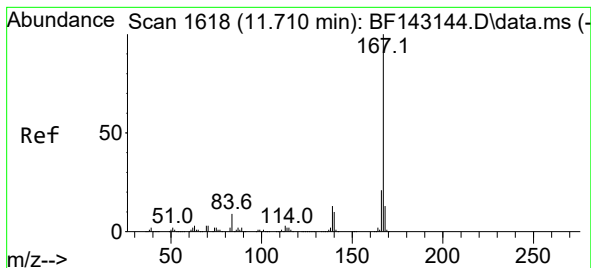
Reviewed By :Rahul Chavli 08/05/2025
Supervised By :Jagrut Upadhyay 08/05/2025



#72
Anthracene
Concen: 45.462 ng
RT: 11.563 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF143292.D
Acq: 04 Aug 2025 13:08

Tgt Ion:178 Resp: 958437
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.6 12.5 18.7





#73

Carbazole

Concen: 46.510 ng

RT: 11.710 min Scan# 1618

Delta R.T. 0.000 min

Lab File: BF143292.D

Acq: 04 Aug 2025 13:08

Instrument :

BNA_F

ClientSampleId :

PB169095BS

Tgt Ion:167 Resp: 85619

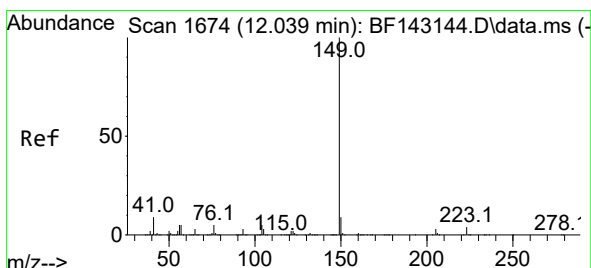
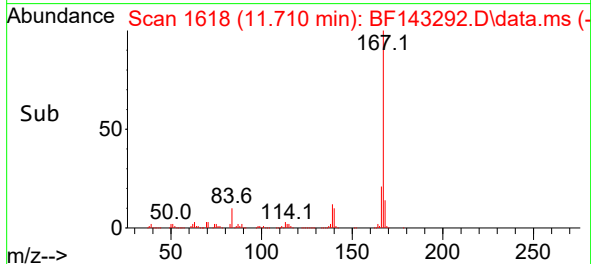
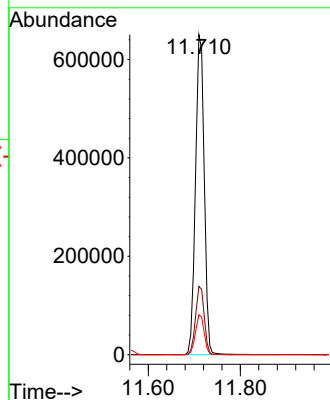
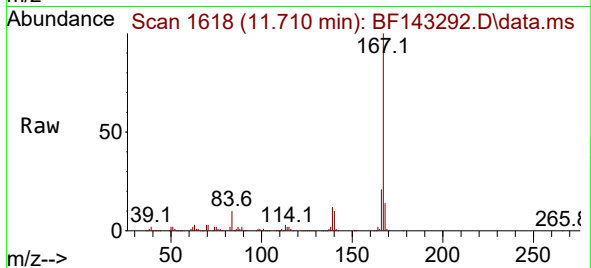
Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.0	25.6
139	12.5	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/05/2025

Supervised By :Jagrut Upadhyay 08/05/2025



#74

Di-n-butylphthalate

Concen: 49.590 ng

RT: 12.039 min Scan# 1674

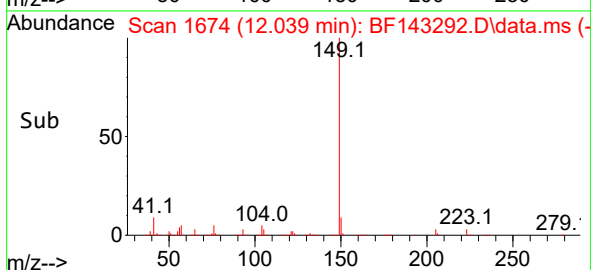
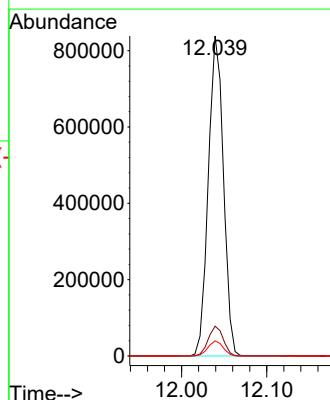
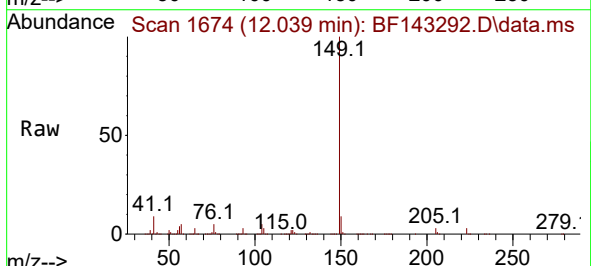
Delta R.T. 0.000 min

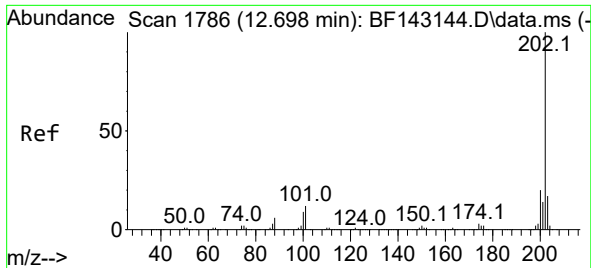
Lab File: BF143292.D

Acq: 04 Aug 2025 13:08

Tgt Ion:149 Resp: 1032952

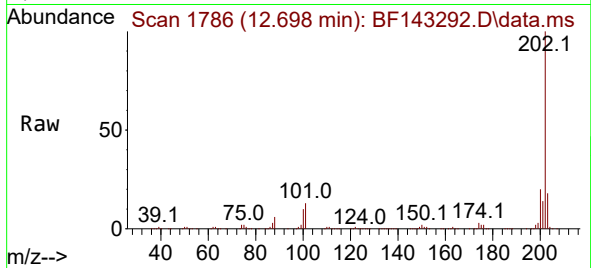
Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	4.7	3.8	5.8





#75
Fluoranthene
Concen: 47.593 ng
RT: 12.698 min Scan# 1786
Delta R.T. 0.000 min
Lab File: BF143292.D
Acq: 04 Aug 2025 13:08

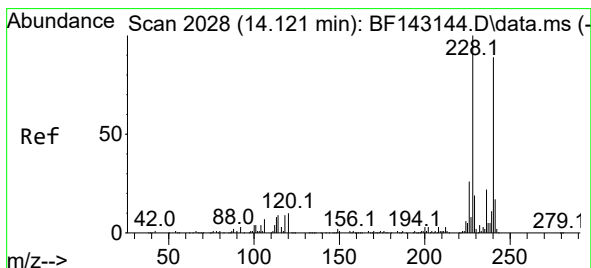
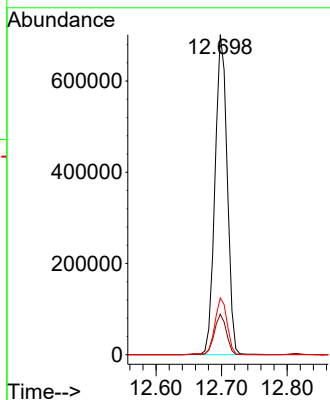
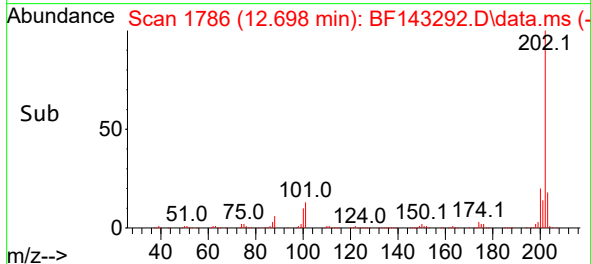
Instrument :
BNA_F
ClientSampleId :
PB169095BS



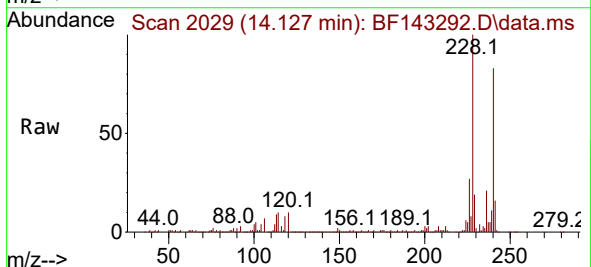
Tgt Ion:202 Resp: 902995
Ion Ratio Lower Upper
202 100
101 12.7 0.0 31.7
203 17.8 0.0 37.4

Manual Integrations
APPROVED

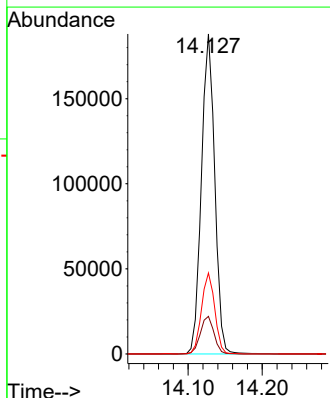
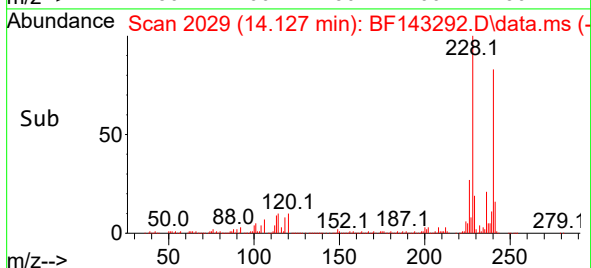
Reviewed By :Rahul Chavli 08/05/2025
Supervised By :Jagrut Upadhyay 08/05/2025

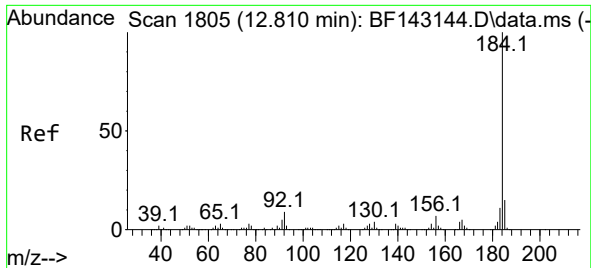


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BF143292.D
Acq: 04 Aug 2025 13:08



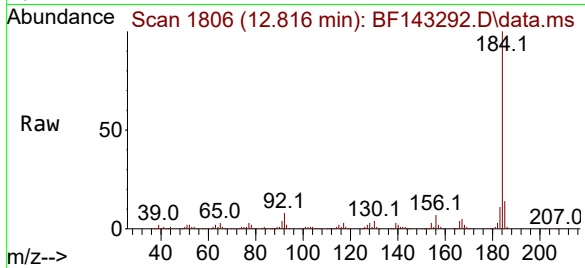
Tgt Ion:240 Resp: 234823
Ion Ratio Lower Upper
240 100
120 11.8 9.4 14.2
236 25.3 20.2 30.4





#77
Benzidine
Concen: 46.083 ng
RT: 12.816 min Scan# 1806
Delta R.T. 0.006 min
Lab File: BF143292.D
Acq: 04 Aug 2025 13:08

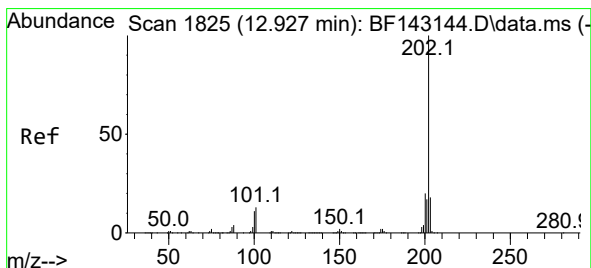
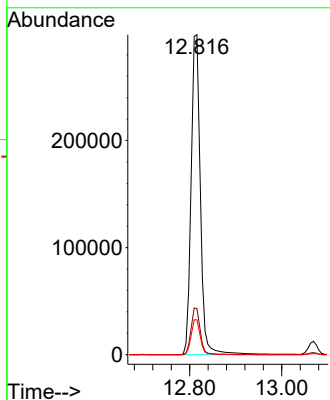
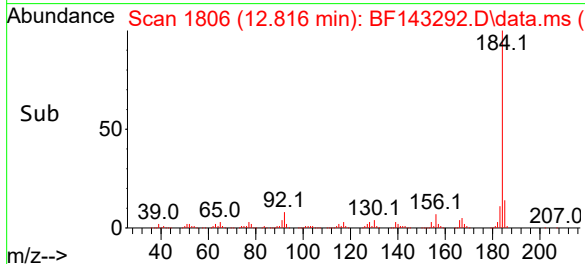
Instrument :
BNA_F
ClientSampleId :
PB169095BS



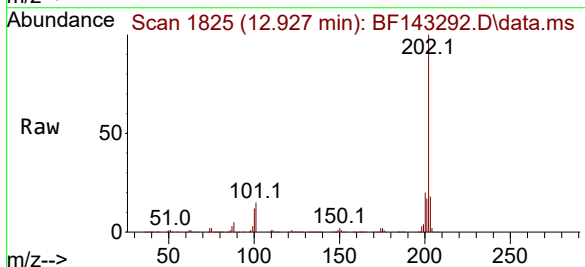
Tgt Ion:184 Resp: 416915
Ion Ratio Lower Upper
184 100
185 14.5 12.2 18.4
183 10.9 9.0 13.4

Manual Integrations
APPROVED

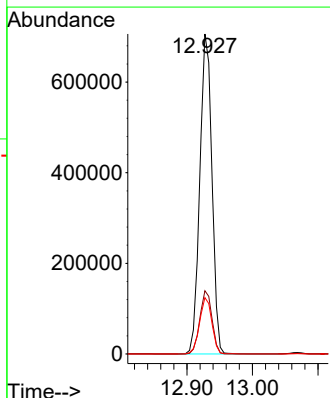
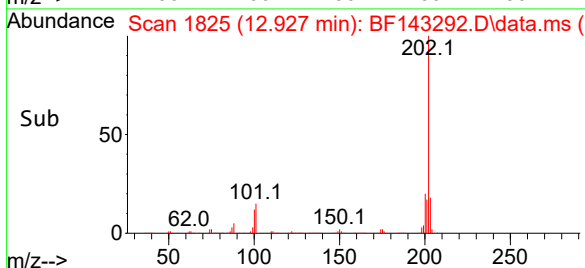
Reviewed By :Rahul Chavli 08/05/2025
Supervised By :Jagrut Upadhyay 08/05/2025

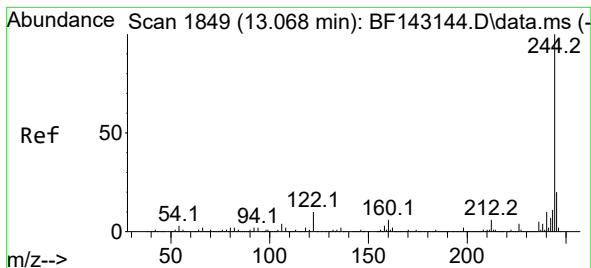


#78
Pyrene
Concen: 45.414 ng
RT: 12.927 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BF143292.D
Acq: 04 Aug 2025 13:08



Tgt Ion:202 Resp: 910133
Ion Ratio Lower Upper
202 100
200 19.8 15.7 23.5
203 17.6 14.2 21.2





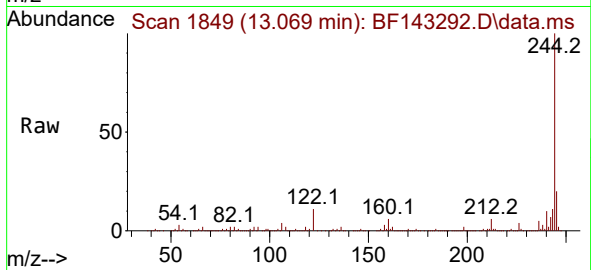
#79
 Terphenyl-d14
 Concen: 81.354 ng
 RT: 13.069 min Scan# 1849
 Delta R.T. 0.000 min
 Lab File: BF143292.D
 Acq: 04 Aug 2025 13:08

Instrument :

BNA_F

ClientSampleId :

PB169095BS



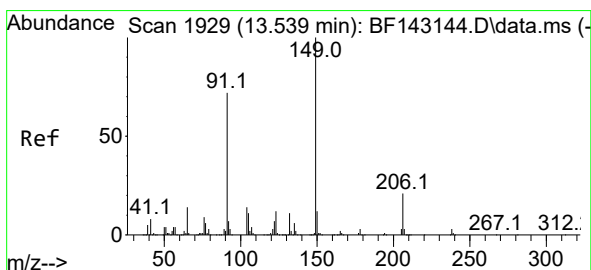
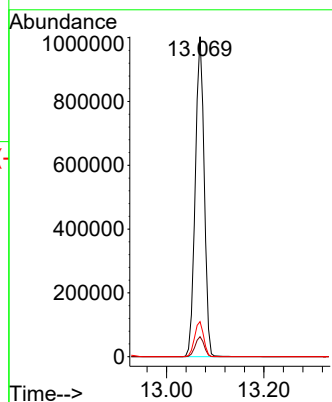
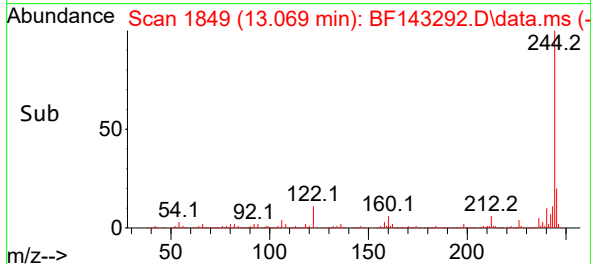
Tgt Ion:244 Resp: 1283769
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.2 7.8
 122 10.9 8.2 12.2

Manual Integrations

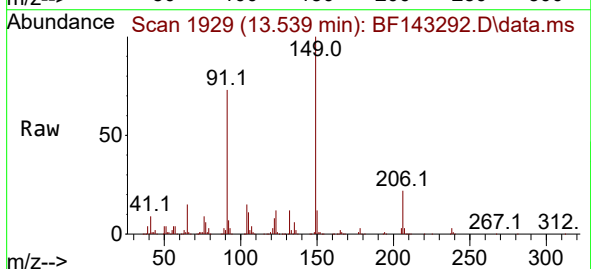
APPROVED

Reviewed By :Rahul Chavli 08/05/2025

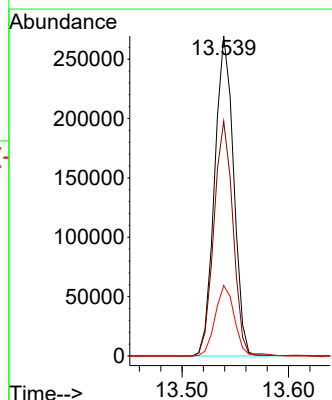
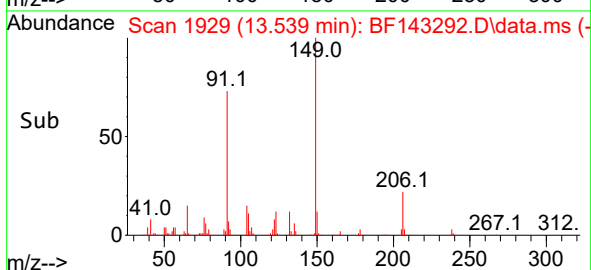
Supervised By :Jagrut Upadhyay 08/05/2025

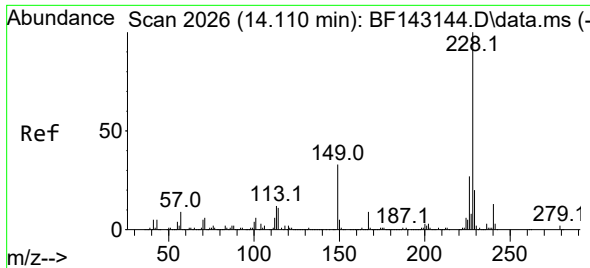


#80
 Butylbenzylphthalate
 Concen: 54.274 ng
 RT: 13.539 min Scan# 1929
 Delta R.T. 0.000 min
 Lab File: BF143292.D
 Acq: 04 Aug 2025 13:08



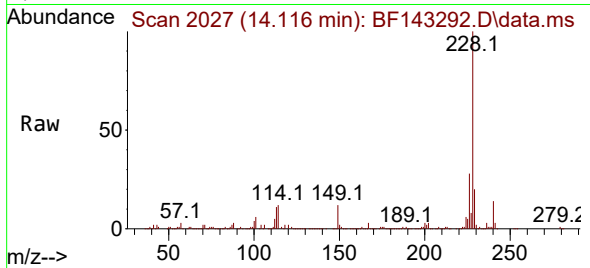
Tgt Ion:149 Resp: 333071
 Ion Ratio Lower Upper
 149 100
 91 73.3 57.9 86.9
 206 22.0 17.0 25.4





#81
Benzo(a)anthracene
Concen: 45.568 ng
RT: 14.116 min Scan# 2026
Delta R.T. 0.006 min
Lab File: BF143292.D
Acq: 04 Aug 2025 13:08

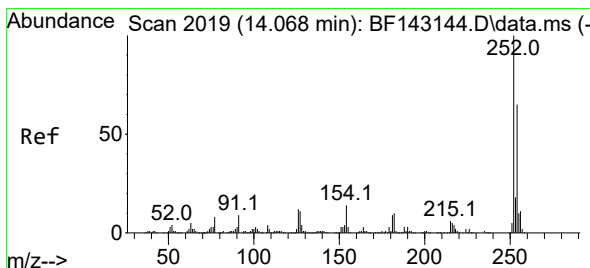
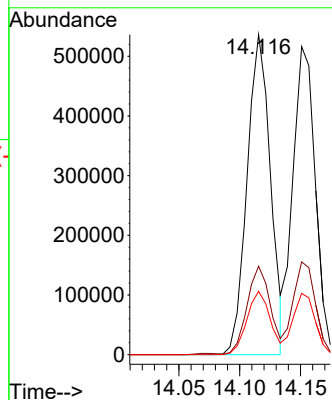
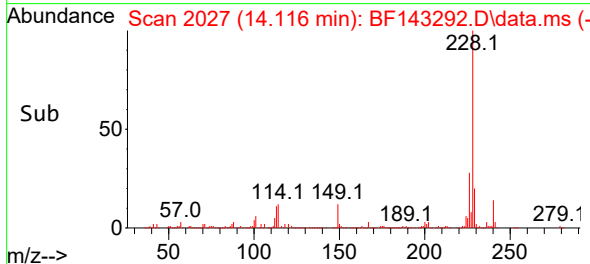
Instrument :
BNA_F
ClientSampleId :
PB169095BS



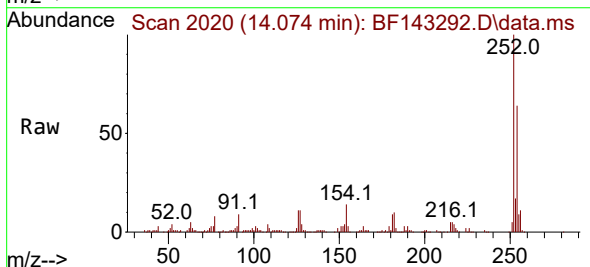
Tgt Ion:228 Resp: 71639
Ion Ratio Lower Upper
228 100
226 27.6 21.7 32.5
229 19.8 15.8 23.6

Manual Integrations
APPROVED

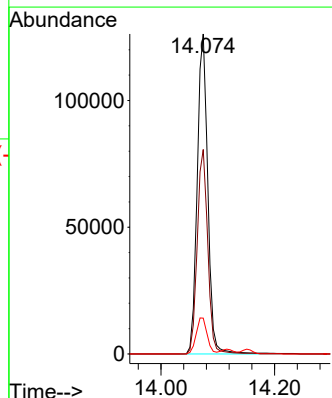
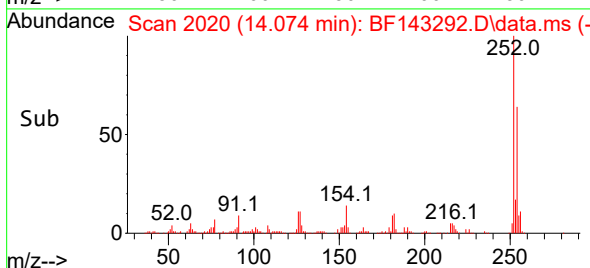
Reviewed By :Rahul Chavli 08/05/2025
Supervised By :Jagrut Upadhyay 08/05/2025

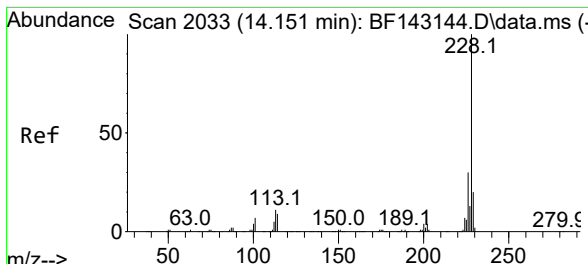


#82
3,3'-Dichlorobenzidine
Concen: 31.303 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF143292.D
Acq: 04 Aug 2025 13:08



Tgt Ion:252 Resp: 164019
Ion Ratio Lower Upper
252 100
254 63.9 51.7 77.5
126 11.2 9.4 14.0





#83
Chrysene
Concen: 47.107 ng
RT: 14.151 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF143292.D
Acq: 04 Aug 2025 13:08

Instrument :

BNA_F

ClientSampleId :

PB169095BS

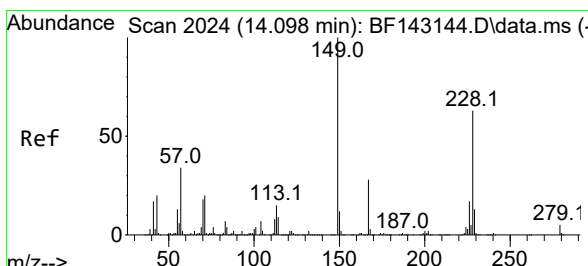
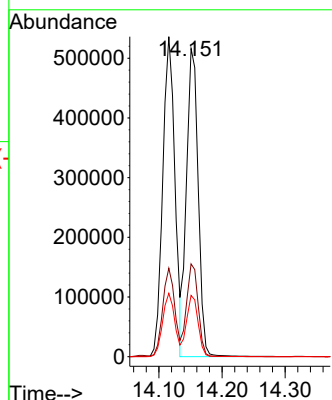
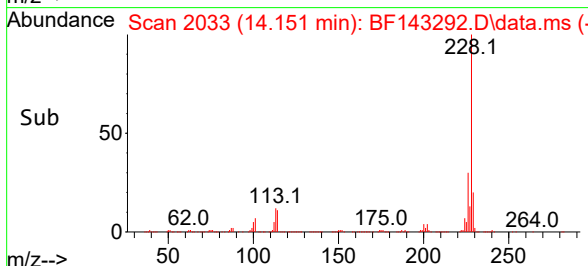
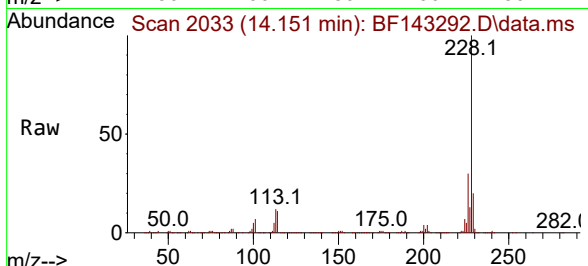
Tgt Ion:228 Resp: 66585
Ion Ratio Lower Upper
228 100
226 30.1 23.8 35.8
229 19.9 15.6 23.4

Manual Integrations

APPROVED

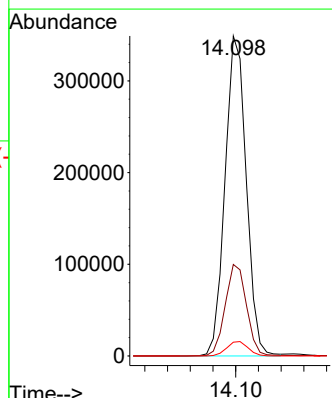
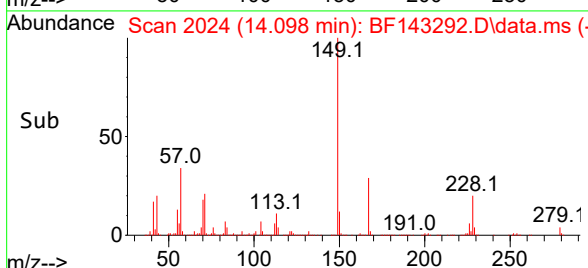
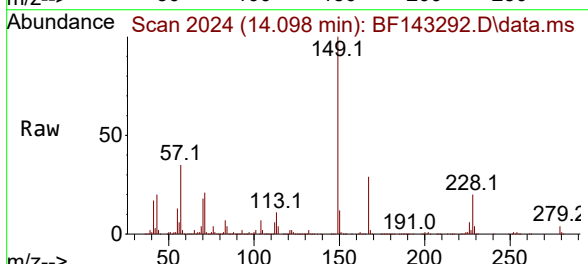
Reviewed By :Rahul Chavli 08/05/2025

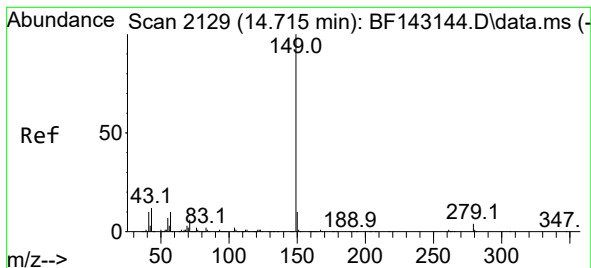
Supervised By :Jagrut Upadhyay 08/05/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 48.762 ng
RT: 14.098 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF143292.D
Acq: 04 Aug 2025 13:08

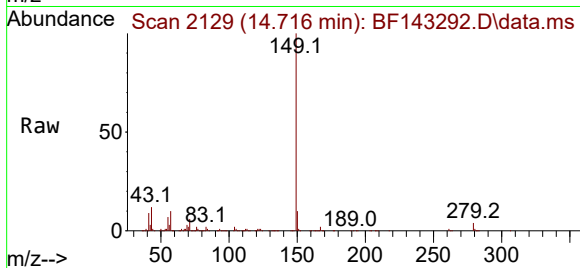
Tgt Ion:149 Resp: 452928
Ion Ratio Lower Upper
149 100
167 28.6 22.3 33.5
279 4.3 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 45.067 ng
RT: 14.716 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BF143292.D
Acq: 04 Aug 2025 13:08

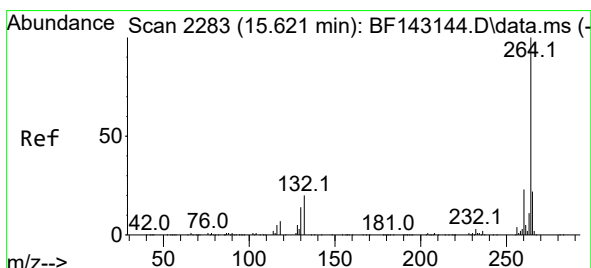
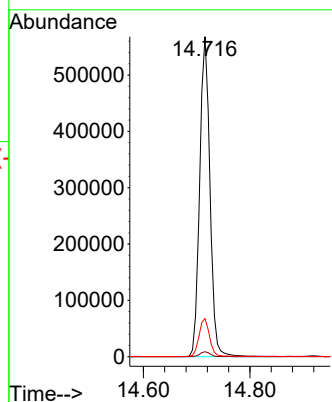
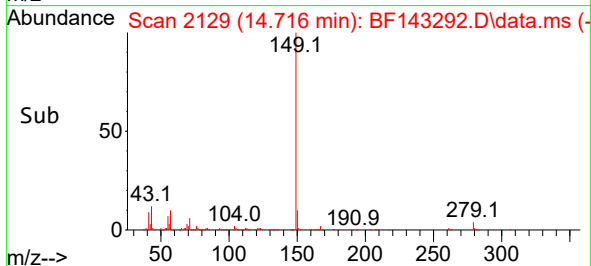
Instrument :
BNA_F
ClientSampleId :
PB169095BS



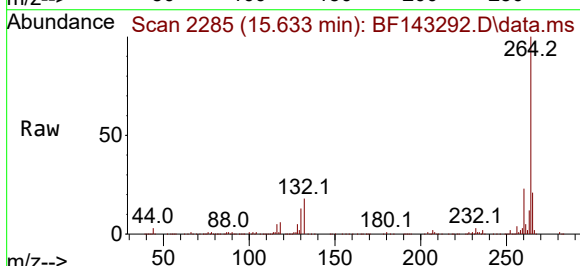
Tgt Ion:149 Resp: 758779
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 12.2 9.7 14.5

Manual Integrations
APPROVED

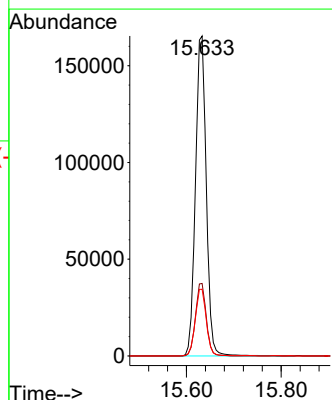
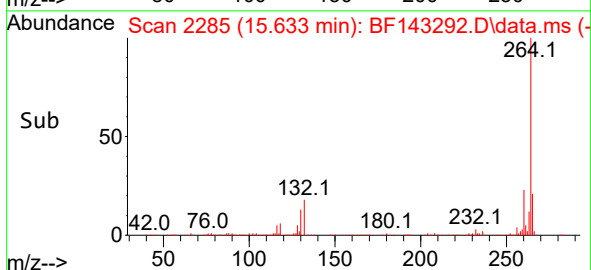
Reviewed By :Rahul Chavli 08/05/2025
Supervised By :Jagrut Upadhyay 08/05/2025

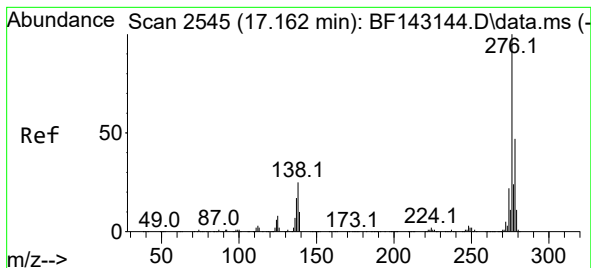


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.633 min Scan# 2285
Delta R.T. 0.012 min
Lab File: BF143292.D
Acq: 04 Aug 2025 13:08



Tgt Ion:264 Resp: 261898
Ion Ratio Lower Upper
264 100
260 22.7 18.5 27.7
265 20.8 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.952 ng

RT: 17.180 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF143292.D

Acq: 04 Aug 2025 13:08

Instrument :

BNA_F

ClientSampleId :

PB169095BS

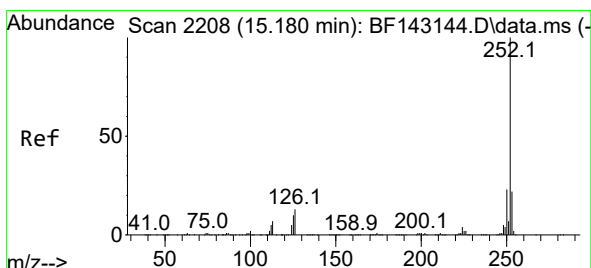
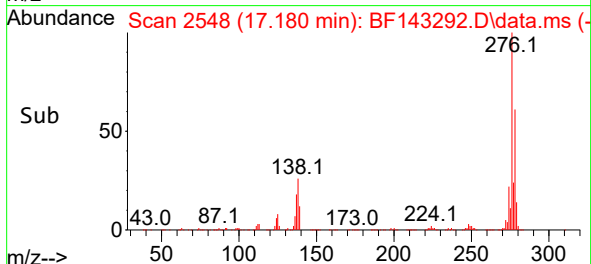
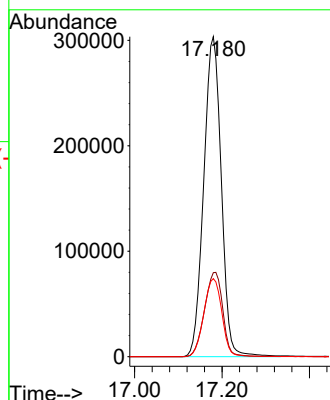
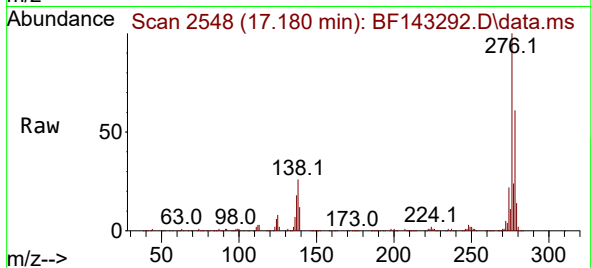
Tgt Ion:	276	Resp:	848618
Ion Ratio	Lower	Upper	
276	100		
138	27.4	21.8	32.6
277	25.1	20.0	30.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/05/2025

Supervised By :Jagrut Upadhyay 08/05/2025



#88

Benzo(b)fluoranthene

Concen: 47.066 ng

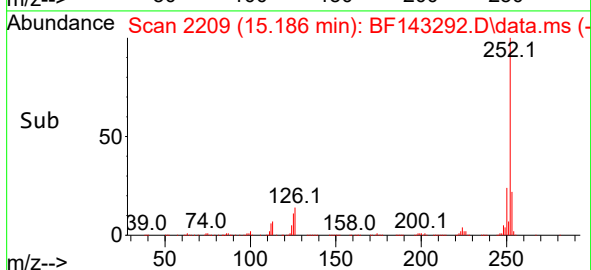
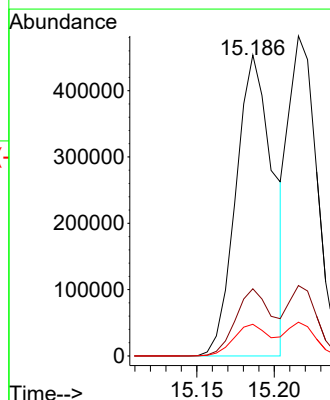
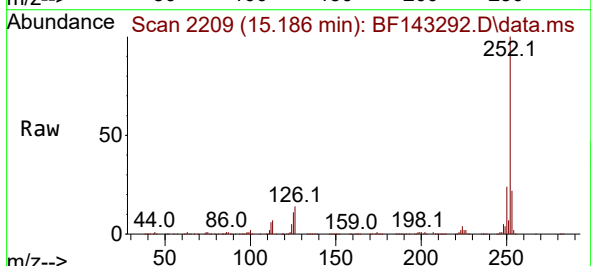
RT: 15.186 min Scan# 2209

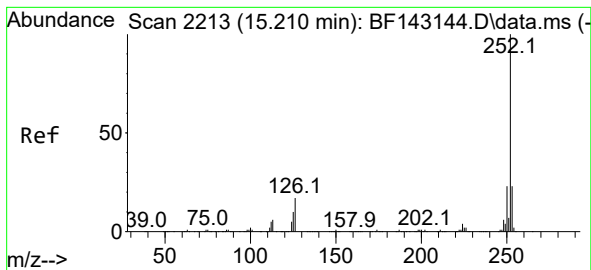
Delta R.T. 0.006 min

Lab File: BF143292.D

Acq: 04 Aug 2025 13:08

Tgt Ion:	252	Resp:	753036
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.5	26.3
125	10.6	8.0	12.0





#89

Benzo(k)fluoranthene

Concen: 43.527 ng

RT: 15.216 min Scan# 2214

Delta R.T. 0.006 min

Lab File: BF143292.D

Acq: 04 Aug 2025 13:08

Instrument :

BNA_F

ClientSampleId :

PB169095BS

Tgt Ion:252 Resp: 621439

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

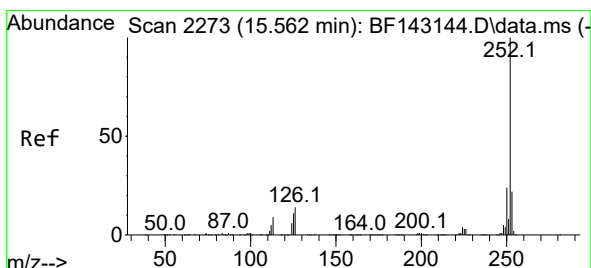
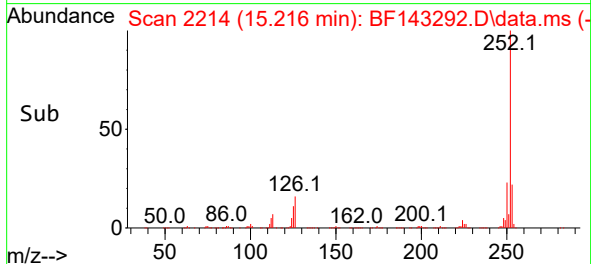
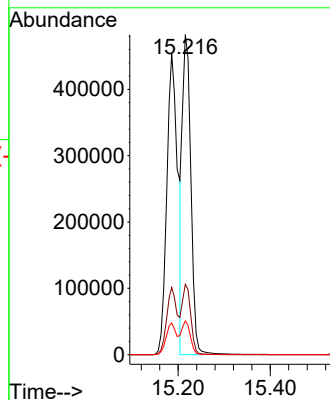
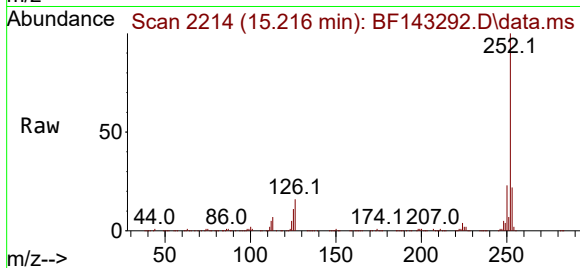
125 10.6 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/05/2025

Supervised By :Jagrut Upadhyay 08/05/2025



#90

Benzo(a)pyrene

Concen: 46.066 ng

RT: 15.568 min Scan# 2274

Delta R.T. 0.006 min

Lab File: BF143292.D

Acq: 04 Aug 2025 13:08

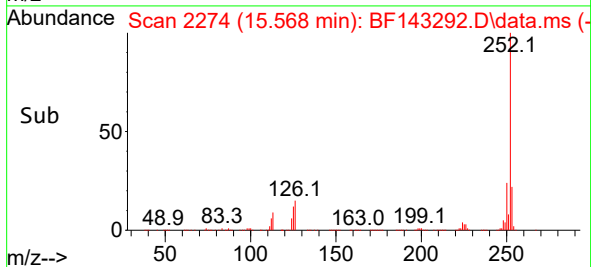
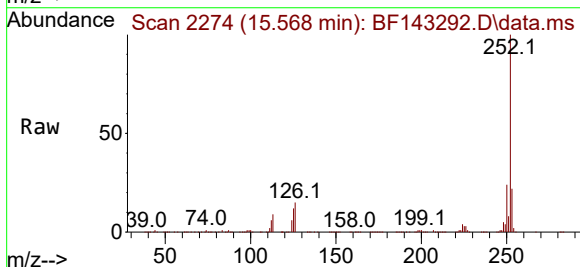
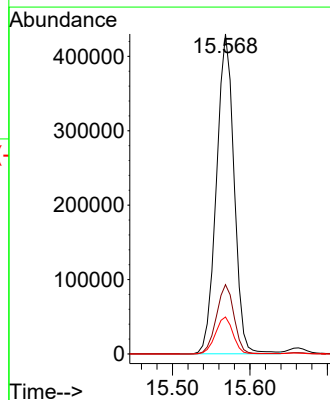
Tgt Ion:252 Resp: 679070

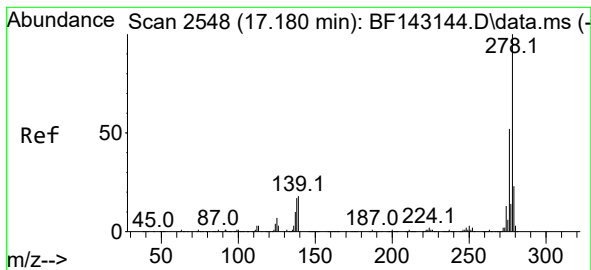
Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

125 11.5 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 45.520 ng

RT: 17.198 min Scan# 2551

Delta R.T. 0.018 min

Lab File: BF143292.D

Acq: 04 Aug 2025 13:08

Instrument :

BNA_F

ClientSampleId :

PB169095BS

Tgt Ion:278 Resp: 68421

Ion Ratio Lower Upper

278 100

139 17.2 14.1 21.1

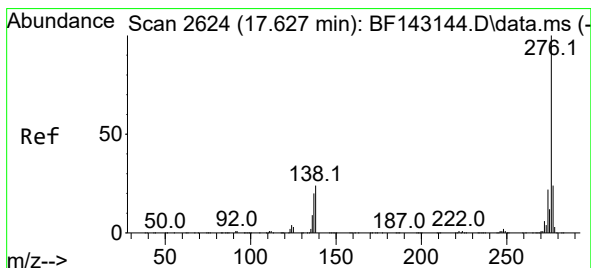
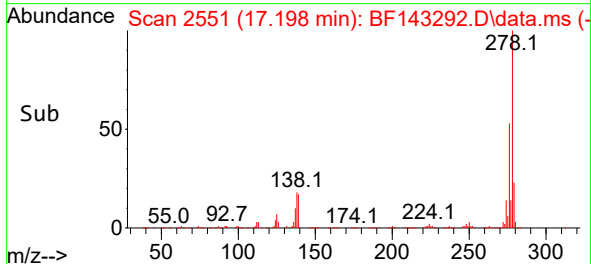
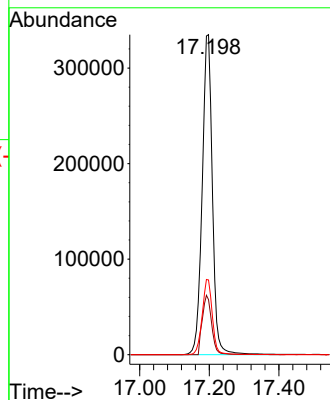
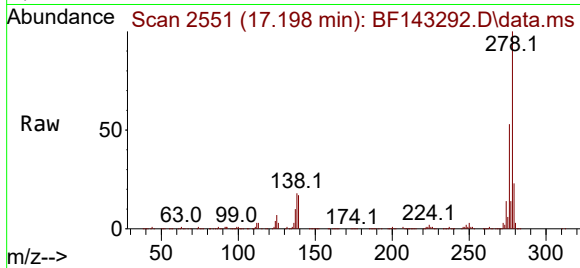
279 23.3 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/05/2025

Supervised By :Jagrut Upadhyay 08/05/2025



#92

Benzo(g,h,i)perylene

Concen: 46.158 ng

RT: 17.645 min Scan# 2627

Delta R.T. 0.018 min

Lab File: BF143292.D

Acq: 04 Aug 2025 13:08

Tgt Ion:276 Resp: 671145

Ion Ratio Lower Upper

276 100

277 23.8 19.1 28.7

138 24.6 18.9 28.3

