

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
 Data File : BF143684.D
 Acq On : 09 Sep 2025 15:03
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF091025

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/10/2025
 Supervised By :Jagrut Upadhyay 09/10/2025

Quant Time: Sep 09 16:05:42 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 09 15:20:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	61621	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	239239	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	135701	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	221042	20.000	ng	0.00
76) Chrysene-d12	14.045	240	130232	20.000	ng	0.00
86) Perylene-d12	15.521	264	129310	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	293213	81.184	ng	0.00
7) Phenol-d6	6.510	99	357854	81.374	ng	0.00
23) Nitrobenzene-d5	7.451	82	322262	83.786	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	116586	85.251	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	710939	79.141	ng	0.00
79) Terphenyl-d14	12.992	244	682319	84.903	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.693	88	63901	39.663	ng	99
3) Pyridine	3.451	79	169174	40.650	ng	98
4) n-Nitrosodimethylamine	3.404	42	64223	40.625	ng	97
6) Aniline	6.551	93	238489	40.946	ng	100
8) 2-Chlorophenol	6.675	128	160142	41.054	ng	96
9) Benzaldehyde	6.440	77	150248	42.346	ng	98
10) Phenol	6.522	94	196759m	40.476	ng	
11) bis(2-Chloroethyl)ether	6.628	93	147688	40.679	ng	98
12) 1,3-Dichlorobenzene	6.834	146	182553	40.920	ng	100
13) 1,4-Dichlorobenzene	6.910	146	182369	40.501	ng	98
14) 1,2-Dichlorobenzene	7.063	146	171682	40.375	ng	99
15) Benzyl Alcohol	7.028	79	133140	41.621	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	193205	40.676	ng	99
17) 2-Methylphenol	7.134	107	132179	42.123	ng	99
18) Hexachloroethane	7.404	117	60841	41.827	ng	98
19) n-Nitroso-di-n-propyla...	7.304	70	110835	41.037	ng	99
20) 3+4-Methylphenols	7.287	107	170831	41.342	ng	96
22) Acetophenone	7.298	105	215719	39.924	ng	97
24) Nitrobenzene	7.475	77	160692	40.293	ng	97
25) Isophorone	7.710	82	300398	40.730	ng	99
26) 2-Nitrophenol	7.787	139	86760	44.246	ng	98
27) 2,4-Dimethylphenol	7.816	122	141119	40.089	ng	100
28) bis(2-Chloroethoxy)met...	7.922	93	181315	40.004	ng	98
29) 2,4-Dichlorophenol	8.022	162	146015	41.236	ng	100
30) 1,2,4-Trichlorobenzene	8.110	180	146710	39.992	ng	99
31) Naphthalene	8.192	128	471612	39.822	ng	99
32) Benzoic acid	7.922	122	94531	44.017	ng	97
33) 4-Chloroaniline	8.239	127	167620	40.656	ng	99
34) Hexachlorobutadiene	8.310	225	97899	40.915	ng	99
35) Caprolactam	8.616	113	39696	42.120	ng	99
36) 4-Chloro-3-methylphenol	8.716	107	144035	41.254	ng	97
37) 2-Methylnaphthalene	8.886	142	319256	39.380	ng	100
38) 1-Methylnaphthalene	8.986	142	309953	39.839	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	158089	40.693	ng	100
41) Hexachlorocyclopentadiene	9.039	237	84098	42.165	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	107849	41.574	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 09 15:20:16 2025
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Manual Integrations
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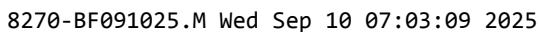
Reviewed By :Rahul Chavli 09/10/2025
 Supervised By :Jagrut Upadhyay 09/10/2025

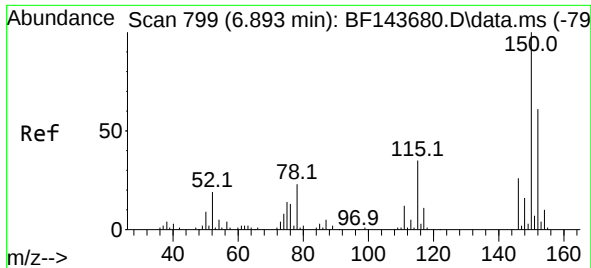
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	109448	41.502	ng	99
46) 1,1'-Biphenyl	9.351	154	396011	40.536	ng	100
47) 2-Chloronaphthalene	9.375	162	308479	40.278	ng	99
48) 2-Nitroaniline	9.463	65	89539	44.177	ng	94
49) Acenaphthylene	9.786	152	445741	40.630	ng	100
50) Dimethylphthalate	9.645	163	360478	40.828	ng	99
51) 2,6-Dinitrotoluene	9.710	165	77992	46.201	ng	94
52) Acenaphthene	9.963	154	307329	40.653	ng	98
53) 3-Nitroaniline	9.875	138	80526	44.326	ng	100
54) 2,4-Dinitrophenol	9.975	184	38062	44.575	ng	# 69
55) Dibenzofuran	10.133	168	435122	40.027	ng	99
56) 4-Nitrophenol	10.022	139	61730	42.711	ng	99
57) 2,4-Dinitrotoluene	10.110	165	99984	43.518	ng	98
58) Fluorene	10.475	166	342139	40.207	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	89324	41.772	ng	# 98
60) Diethylphthalate	10.345	149	345990	41.741	ng	100
61) 4-Chlorophenyl-phenylether	10.469	204	172739	40.026	ng	99
62) 4-Nitroaniline	10.492	138	73690	42.828	ng	97
63) Azobenzene	10.628	77	298272	40.703	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	51333	45.613	ng	99
66) n-Nitrosodiphenylamine	10.586	169	289318	39.954	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	109435	41.055	ng	99
68) Hexachlorobenzene	11.022	284	114029	40.514	ng	98
69) Atrazine	11.110	200	95935	42.253	ng	100
70) Pentachlorophenol	11.210	266	71718	42.152	ng	97
71) Phenanthrene	11.439	178	486594	39.953	ng	99
72) Anthracene	11.486	178	493746	40.318	ng	100
73) Carbazole	11.639	167	408521	40.733	ng	99
74) Di-n-butylphthalate	11.974	149	511838	42.390	ng	100
75) Fluoranthene	12.621	202	443018	39.624	ng	99
77) Benzidine	12.739	184	163847	38.581	ng	100
78) Pyrene	12.851	202	445986	42.831	ng	99
80) Butylbenzylphthalate	13.468	149	148362	45.475	ng	99
81) Benzo(a)anthracene	14.033	228	353094	42.144	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	106725	41.406	ng	98
83) Chrysene	14.074	228	307401	40.060	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	199124	42.777	ng	100
85) Di-n-octyl phthalate	14.639	149	330447	39.614	ng	100
87) Indeno(1,2,3-cd)pyrene	17.009	276	350306	39.694	ng	100
88) Benzo(b)fluoranthene	15.086	252	319200	41.467	ng	99
89) Benzo(k)fluoranthene	15.115	252	278625	40.107	ng	100
90) Benzo(a)pyrene	15.457	252	279518	41.333	ng	99
91) Dibenzo(a,h)anthracene	17.033	278	294700	40.249	ng	99
92) Benzo(g,h,i)perylene	17.462	276	271515	39.645	ng	99

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

Manual Integrations

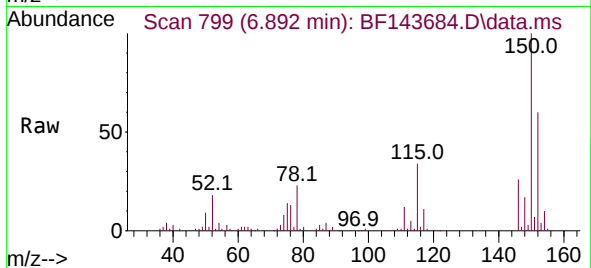
Quant Time: Sep 09 16:05:42 2025
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 799
Delta R.T. -0.001 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

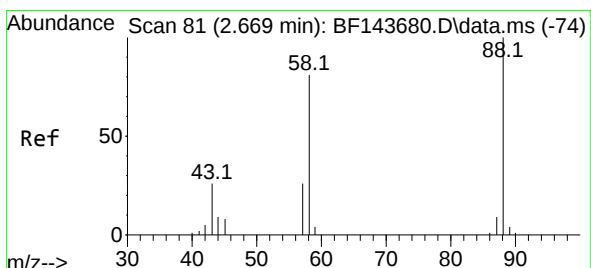
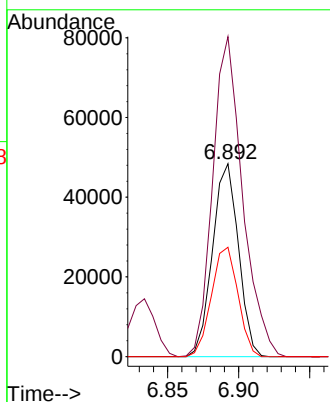
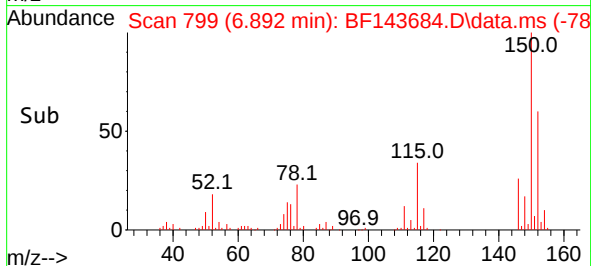
Instrument :
BNA_F
ClientSampleId :
ICVBF091025



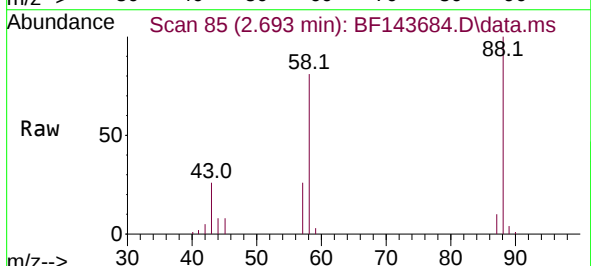
Tgt Ion:152 Resp: 61621
Ion Ratio Lower Upper
152 100
150 165.9 130.7 196.1
115 56.7 45.9 68.9

Manual Integrations
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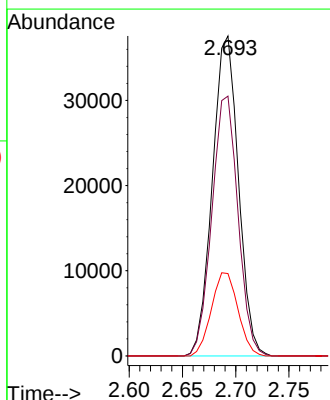
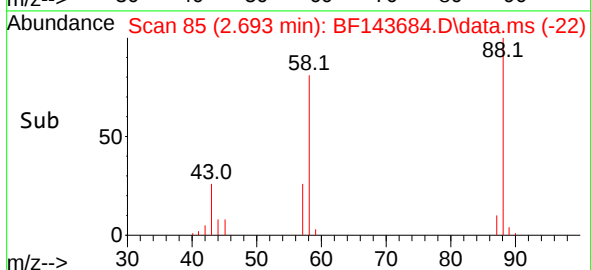
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

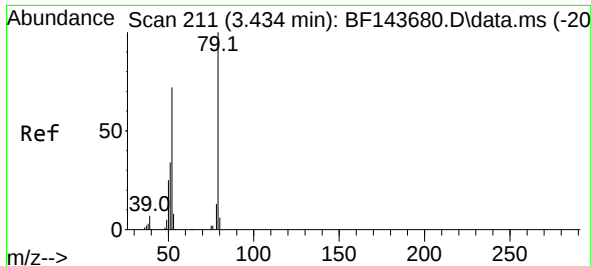


#2
1,4-Dioxane
Concen: 39.663 ng
RT: 2.693 min Scan# 85
Delta R.T. 0.023 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03



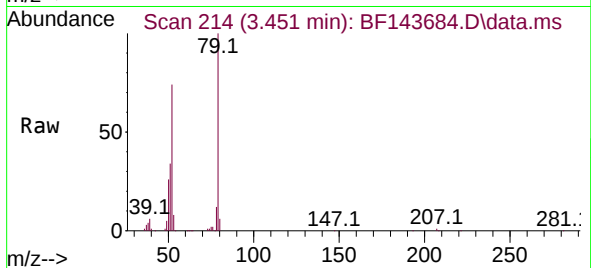
Tgt Ion: 88 Resp: 63901
Ion Ratio Lower Upper
88 100
58 81.3 65.8 98.6
43 26.6 20.6 31.0





#3
Pyridine
Concen: 40.650 ng
RT: 3.451 min Scan# 211
Delta R.T. 0.017 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

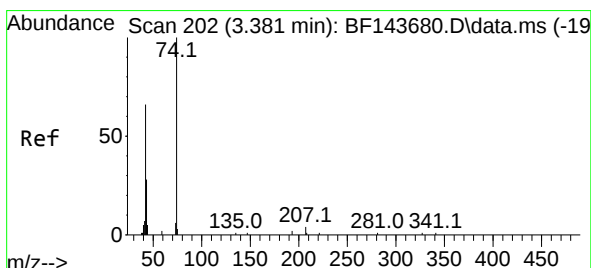
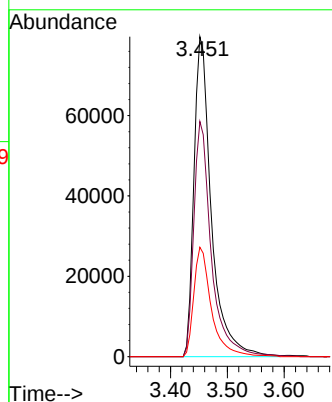
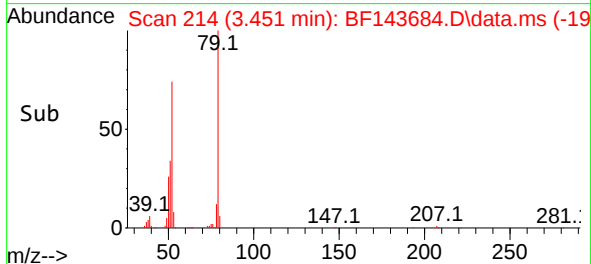
Instrument :
BNA_F
ClientSampleId :
ICVBF091025



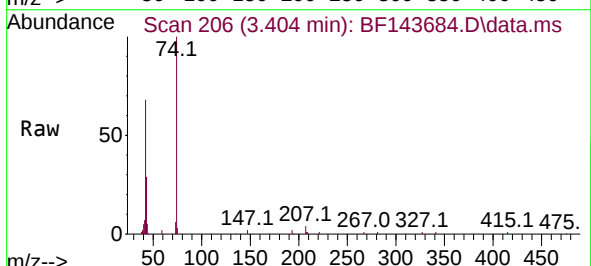
Tgt Ion: 79 Resp: 169174
Ion Ratio Lower Upper
79 100
52 73.5 57.2 85.8
51 34.2 27.0 40.6

Manual Integrations
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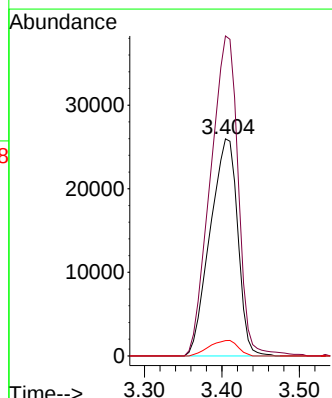
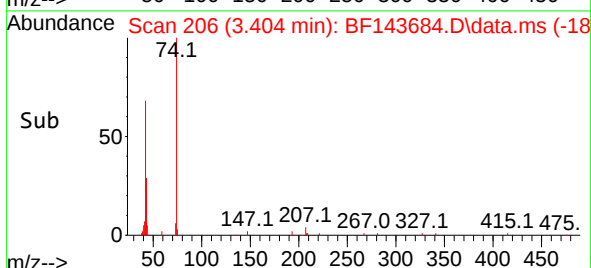
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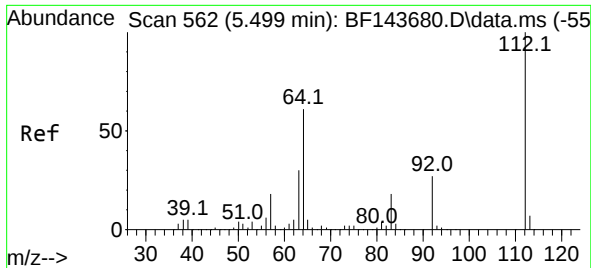


#4
n-Nitrosodimethylamine
Concen: 40.625 ng
RT: 3.404 min Scan# 206
Delta R.T. 0.023 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03



Tgt Ion: 42 Resp: 64223
Ion Ratio Lower Upper
42 100
74 147.4 120.9 181.3
44 7.0 6.5 9.7





#5
2-Fluorophenol
Concen: 81.184 ng
RT: 5.504 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

Instrument :

BNA_F

ClientSampleId :

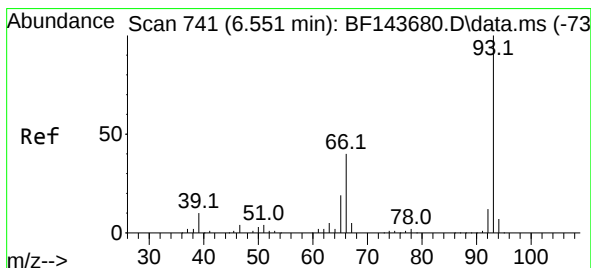
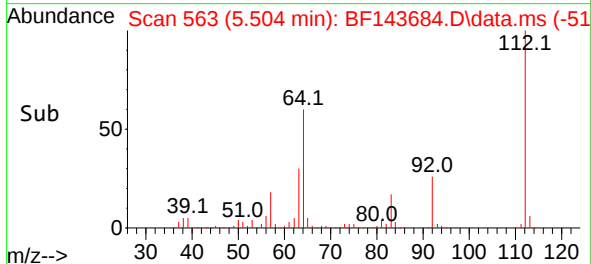
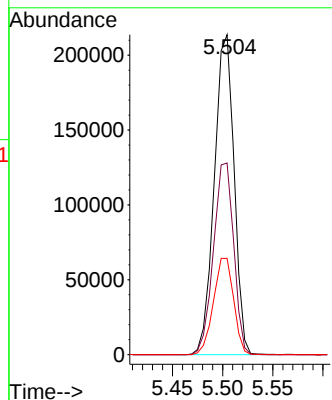
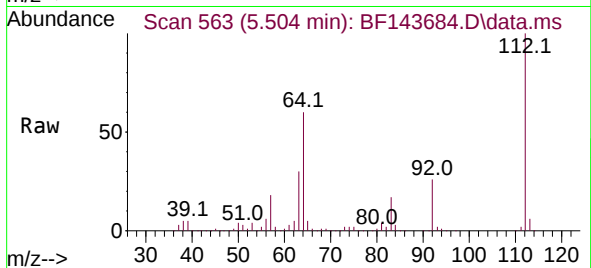
ICVBF091025

Tgt Ion:112 Resp: 293213
Ion Ratio Lower Upper
112 100
64 59.9 49.0 73.4
63 30.1 24.3 36.5

Manual Integrations

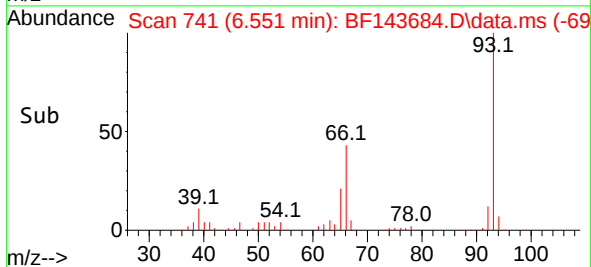
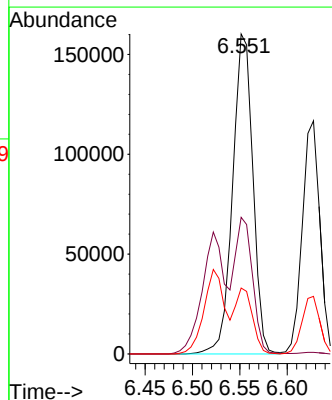
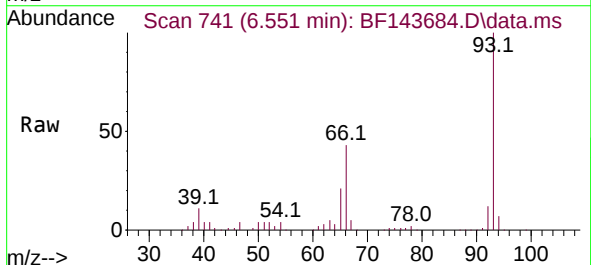
APPROVED

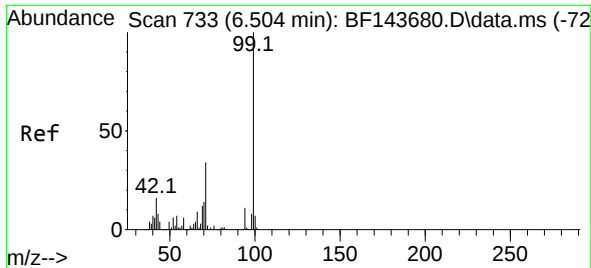
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#6
Aniline
Concen: 40.946 ng
RT: 6.551 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

Tgt Ion: 93 Resp: 238489
Ion Ratio Lower Upper
93 100
66 42.7 34.1 51.1
65 20.6 16.1 24.1





#7

Phenol-d6

Concen: 81.374 ng

RT: 6.510 min Scan# 734

Delta R.T. 0.006 min

Lab File: BF143684.D

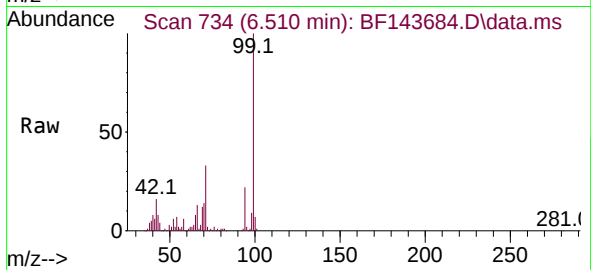
Acq: 09 Sep 2025 15:03

Instrument :

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ClientSampleId :

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Tgt Ion: 99 Resp: 357854

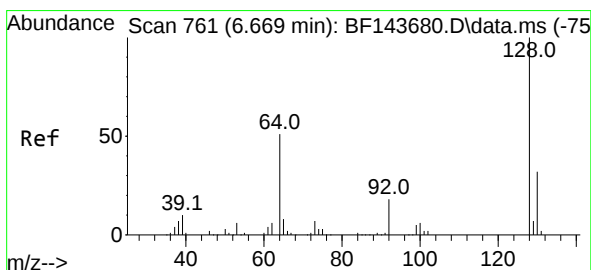
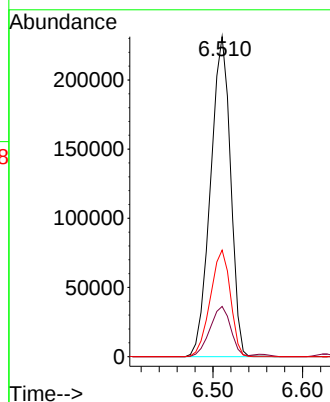
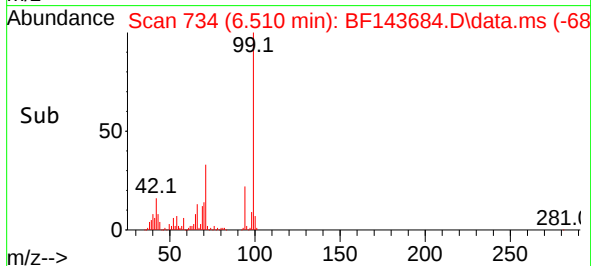
Ion	Ratio	Lower	Upper
99	100		
42	15.7	13.0	19.4
71	33.3	27.4	41.2

Manual Integrations

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#8

2-Chlorophenol

Concen: 41.054 ng

RT: 6.675 min Scan# 762

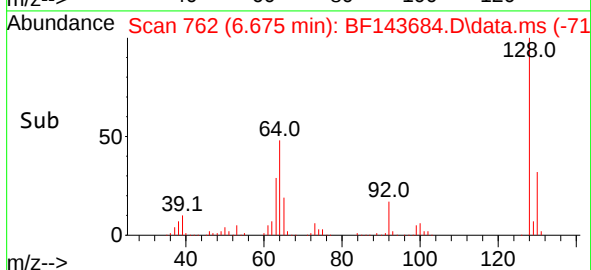
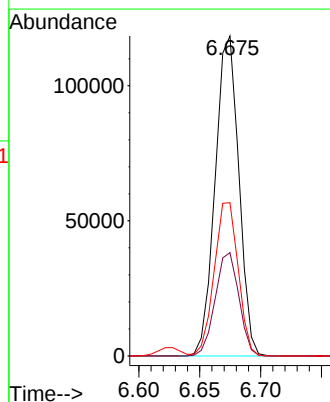
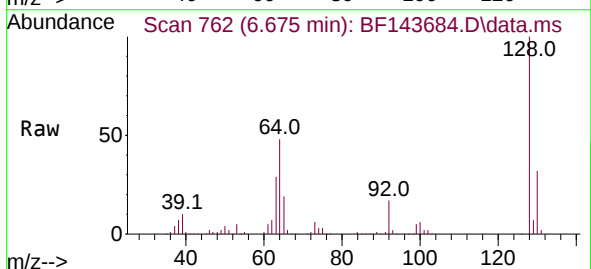
Delta R.T. 0.006 min

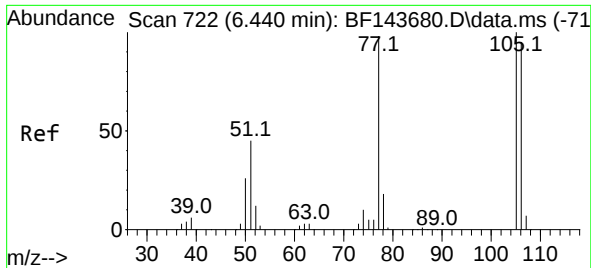
Lab File: BF143684.D

Acq: 09 Sep 2025 15:03

Tgt Ion:128 Resp: 160142

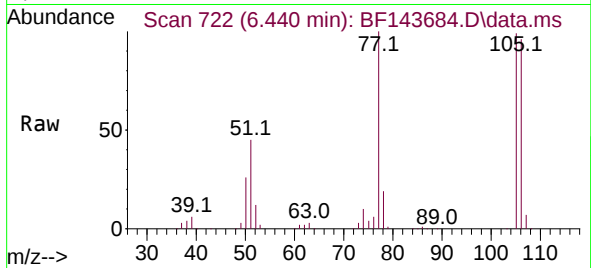
Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.0	52.0
64	47.9	31.9	71.9





#9
Benzaldehyde
Concen: 42.346 ng
RT: 6.440 min Scan# 722
Delta R.T. -0.000 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

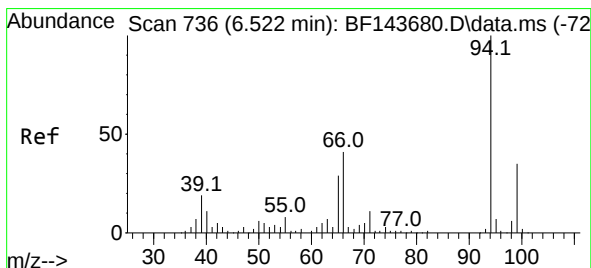
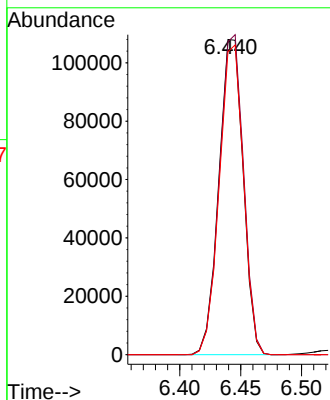
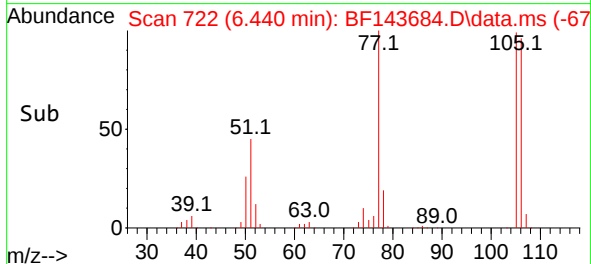
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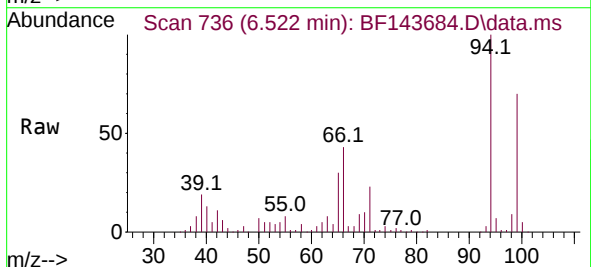
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Ion Ratio Lower Upper
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105 99.3 81.7 121.7
106 96.1 76.9 116.9

Manual Integrations
APPROVED

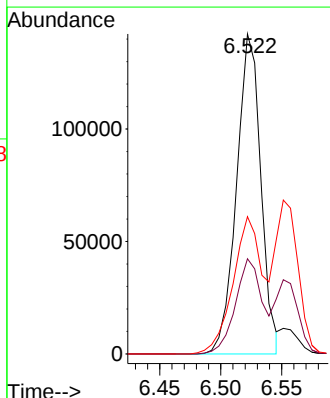
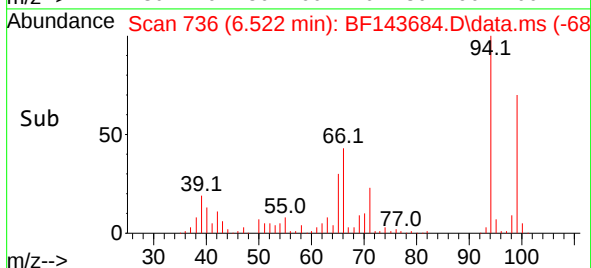
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

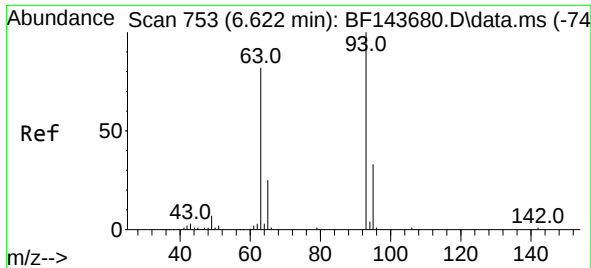


#10
Phenol
Concen: 40.476 ng m
RT: 6.522 min Scan# 736
Delta R.T. -0.000 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03



Tgt Ion: 94 Resp: 196759
Ion Ratio Lower Upper
94 100
65 29.7 9.1 49.1
66 42.9 20.8 60.8





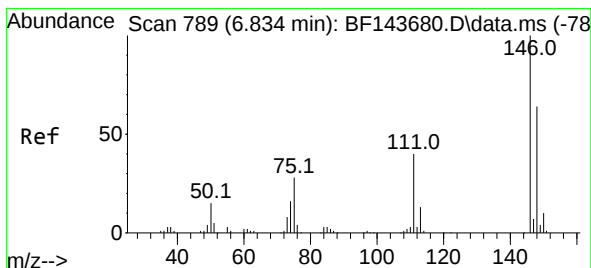
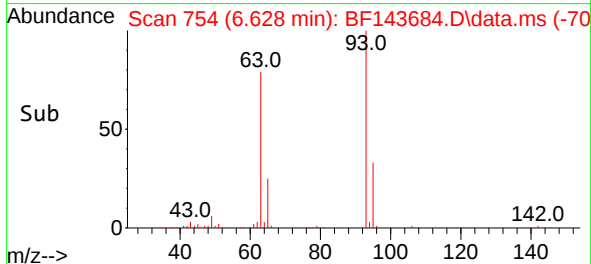
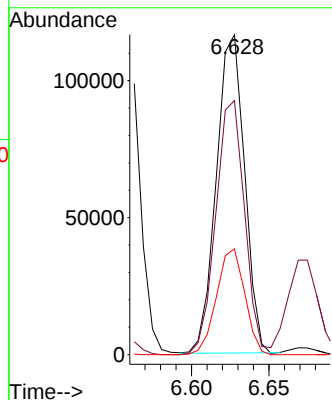
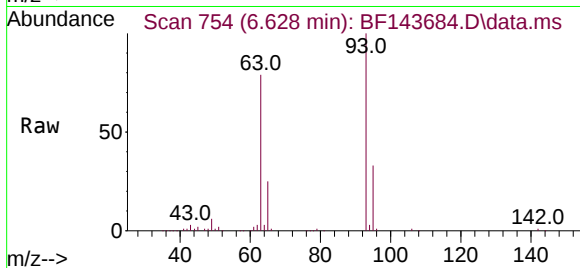
#11
bis(2-Chloroethyl)ether
Concen: 40.679 ng
RT: 6.628 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

Instrument :
BNA_F
ClientSampleId :
ICVBF091025

Tgt Ion: 93 Resp: 147688
Ion Ratio Lower Upper
93 100
63 79.4 61.8 101.8
95 33.0 12.6 52.6

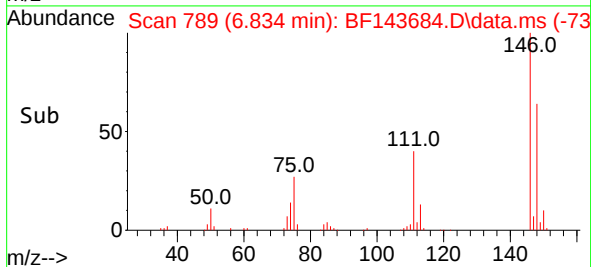
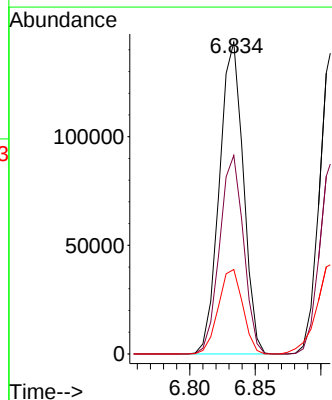
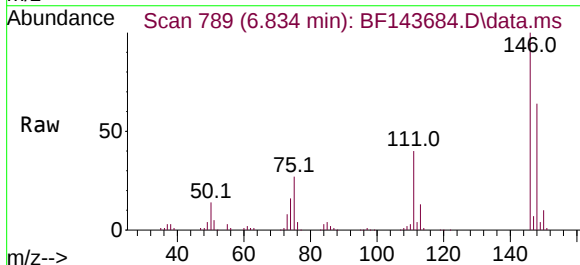
Manual Integrations
APPROVED

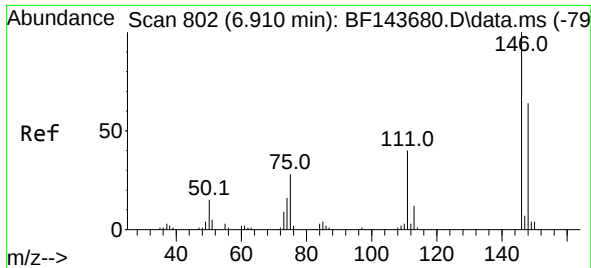
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#12
1,3-Dichlorobenzene
Concen: 40.920 ng
RT: 6.834 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

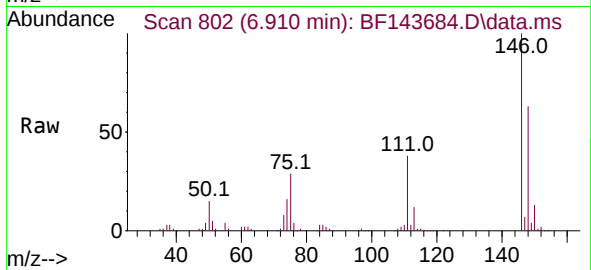
Tgt Ion:146 Resp: 182553
Ion Ratio Lower Upper
146 100
148 63.7 51.0 76.4
75 27.1 22.0 33.0





#13
1,4-Dichlorobenzene
Concen: 40.501 ng
RT: 6.910 min Scan# 802
Delta R.T. -0.000 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

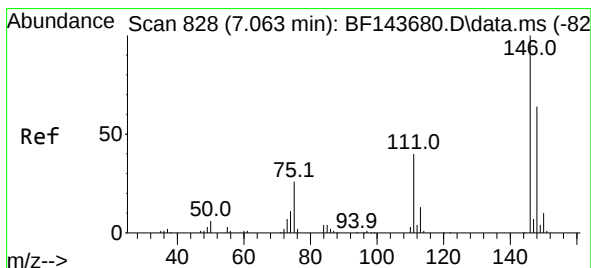
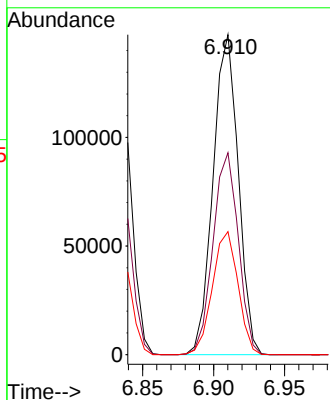
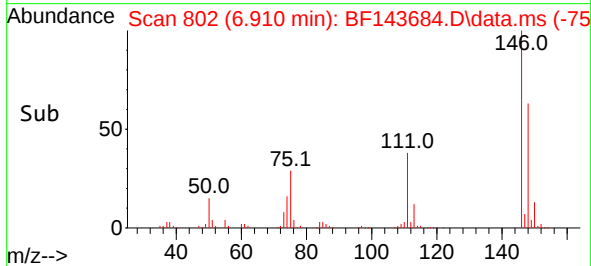
Instrument :
BNA_F
ClientSampleId :
ICVBF091025



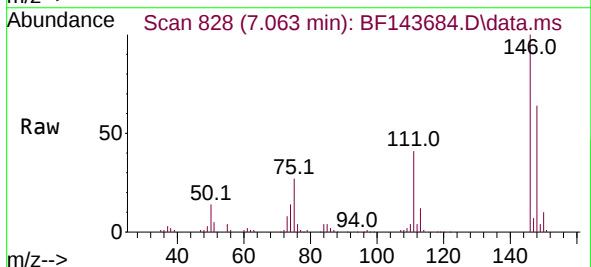
Tgt Ion:146 Resp: 182369
Ion Ratio Lower Upper
146 100
148 63.1 51.2 76.8
111 38.4 31.8 47.8

Manual Integrations
APPROVED

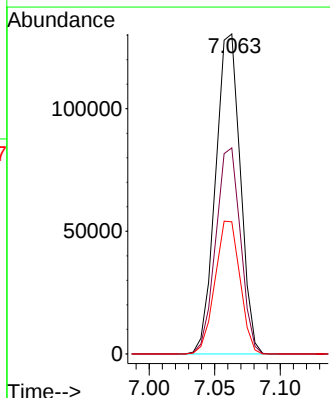
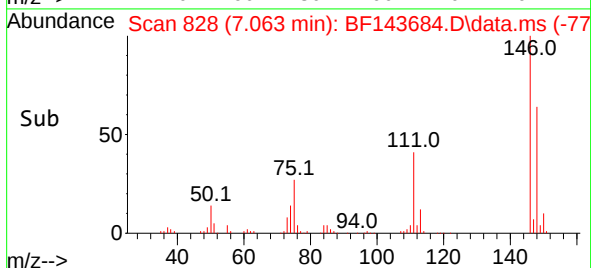
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

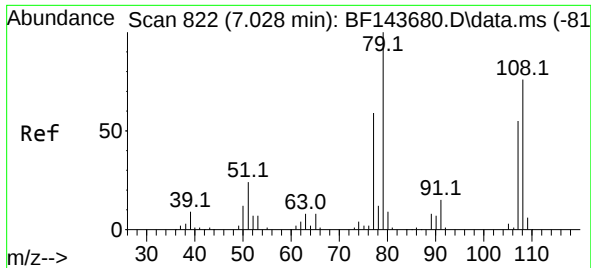


#14
1,2-Dichlorobenzene
Concen: 40.375 ng
RT: 7.063 min Scan# 828
Delta R.T. -0.000 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03



Tgt Ion:146 Resp: 171682
Ion Ratio Lower Upper
146 100
148 64.4 51.0 76.4
111 41.3 32.3 48.5





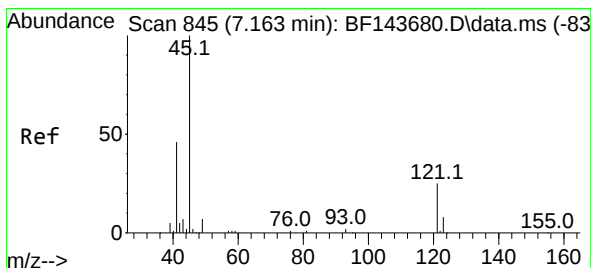
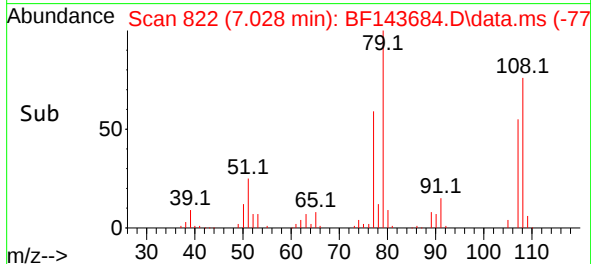
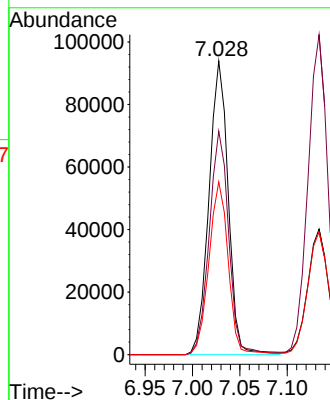
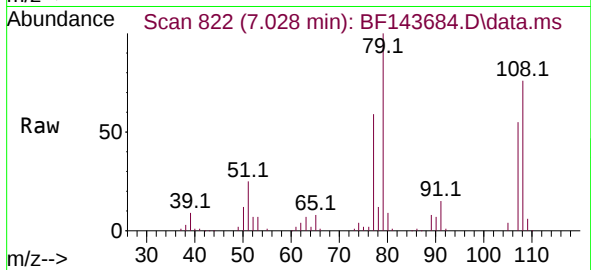
#15
Benzyl Alcohol
Concen: 41.621 ng
RT: 7.028 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

Instrument :
BNA_F
ClientSampleId :
ICVBF091025

Tgt Ion: 79 Resp: 133140
Ion Ratio Lower Upper
79 100
108 76.1 60.9 91.3
77 58.8 47.4 71.2

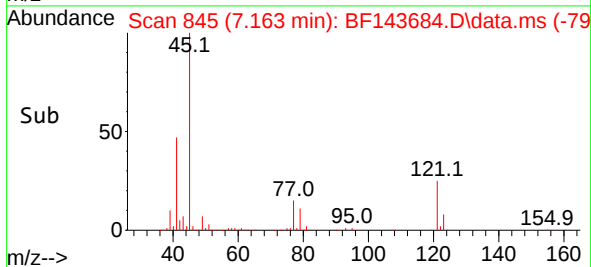
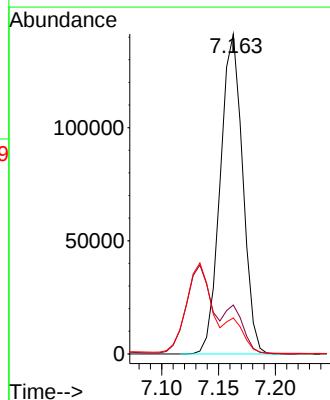
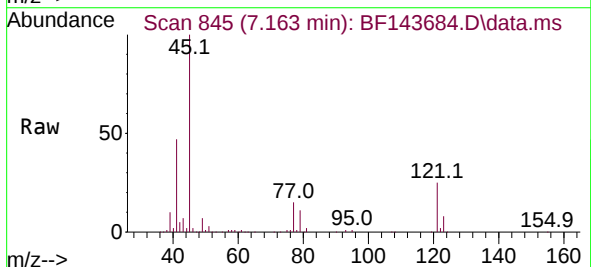
Manual Integrations
APPROVED

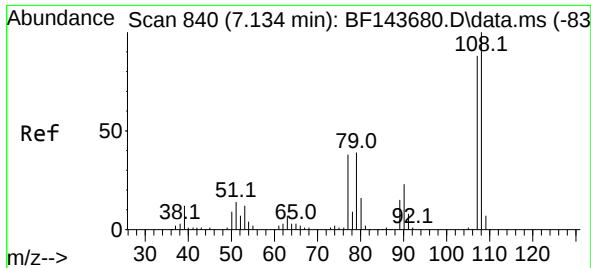
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.676 ng
RT: 7.163 min Scan# 845
Delta R.T. -0.000 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

Tgt Ion: 45 Resp: 193205
Ion Ratio Lower Upper
45 100
77 15.3 0.0 34.6
79 11.2 0.0 31.3





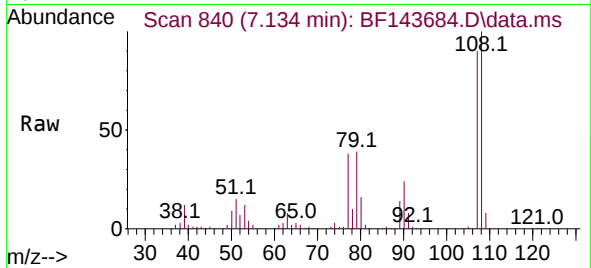
#17
2-Methylphenol
Concen: 42.123 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF091025



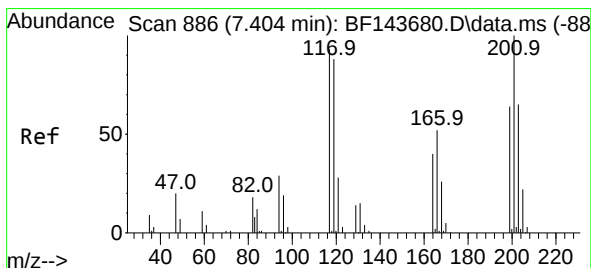
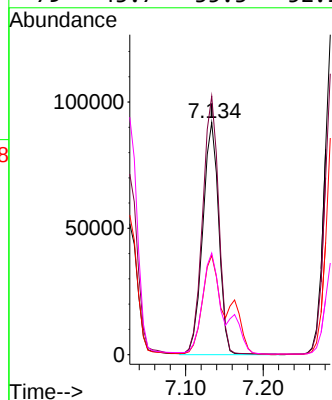
Tgt Ion:107 Resp: 132179
Ion Ratio Lower Upper
107 100
108 111.4 90.9 136.3
77 42.7 34.4 51.6
79 43.7 35.3 52.9

Manual Integrations

APPROVED

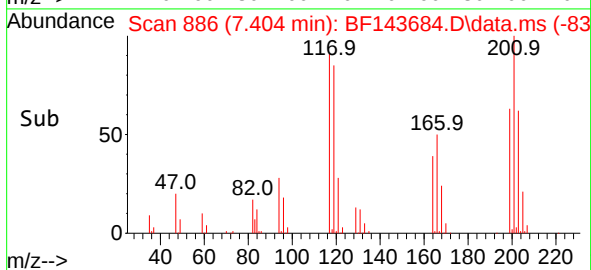
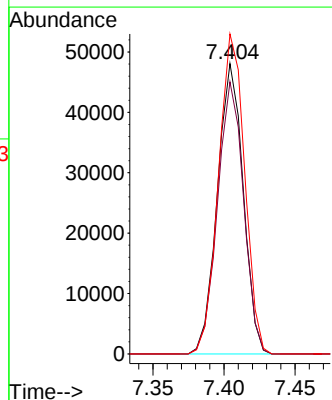
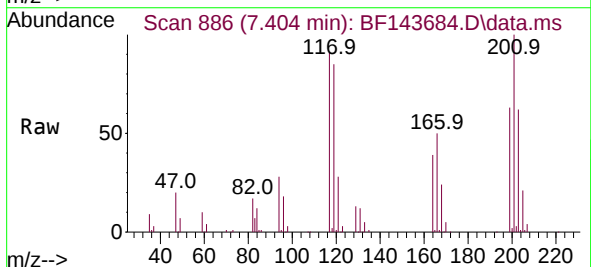
Reviewed By :Rahul Chavli 09/10/2025

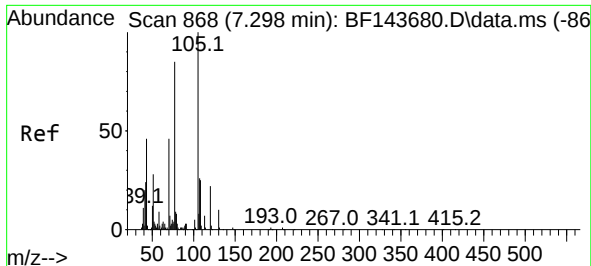
Supervised By :Jagrut Upadhyay 09/10/2025



#18
Hexachloroethane
Concen: 41.827 ng
RT: 7.404 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

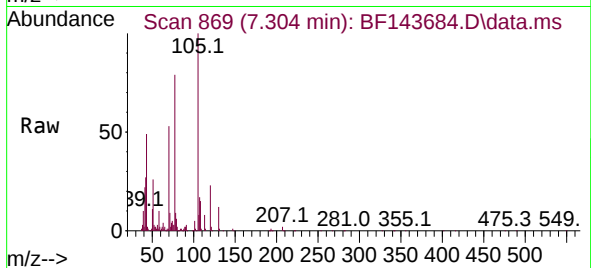
Tgt Ion:117 Resp: 60841
Ion Ratio Lower Upper
117 100
119 93.8 76.2 114.2
201 110.3 86.4 129.6





#19
n-Nitroso-di-n-propylamine
Concen: 41.037 ng
RT: 7.304 min Scan# 869
Delta R.T. 0.006 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

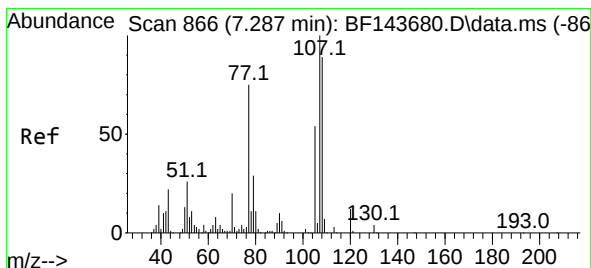
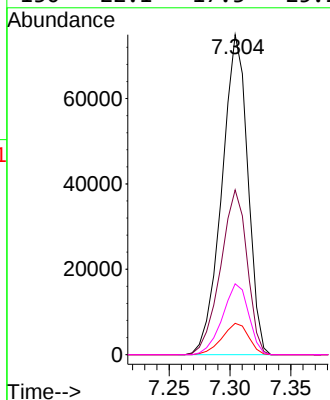
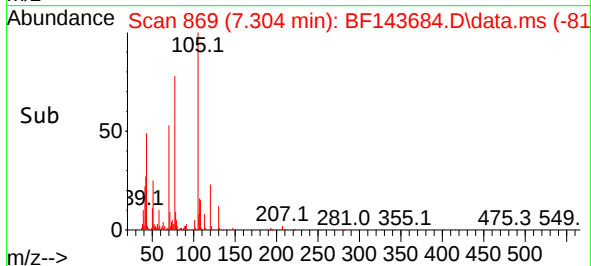
Instrument :
BNA_F
ClientSampleId :
ICVBF091025



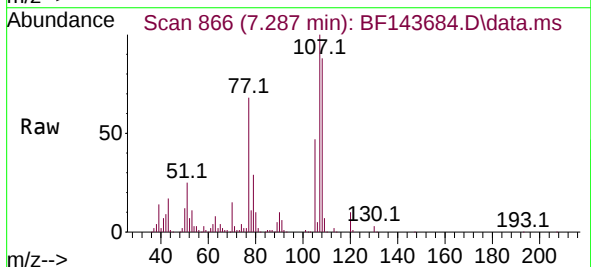
Tgt Ion: 70 Resp: 110835
Ion Ratio Lower Upper
70 100
42 51.5 41.4 62.2
101 9.8 8.1 12.1
130 22.1 17.3 25.9

Manual Integrations
APPROVED

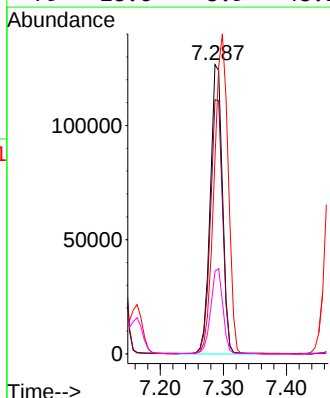
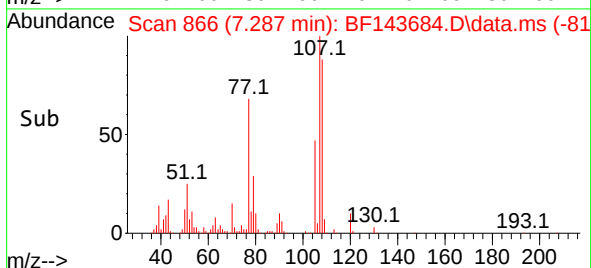
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

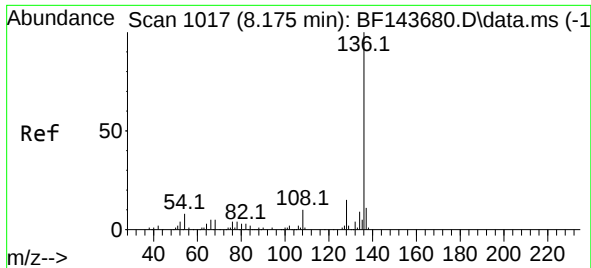


#20
3+4-Methylphenols
Concen: 41.342 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.000 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03



Tgt Ion:107 Resp: 170831
Ion Ratio Lower Upper
107 100
108 87.8 68.6 108.6
77 67.7 54.6 94.6
79 28.6 8.9 48.9





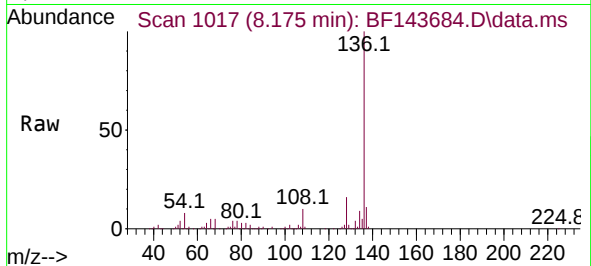
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

Instrument :

BNF_F

ClientSampleId :

ICVBF091025



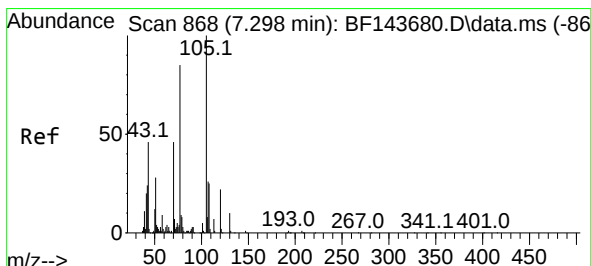
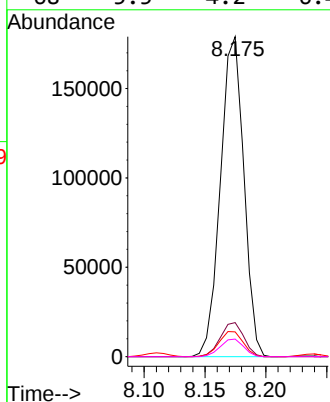
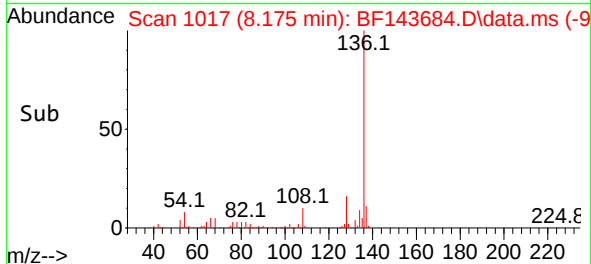
Tgt Ion:136 Resp: 239239
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 7.7 6.2 9.2
68 5.5 4.2 6.4

Manual Integrations

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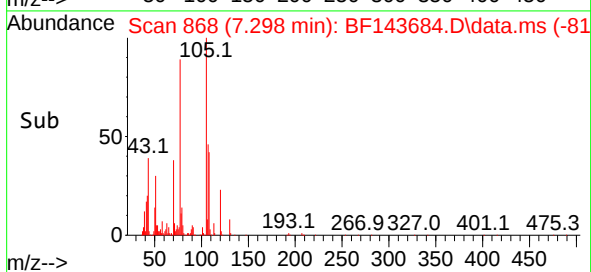
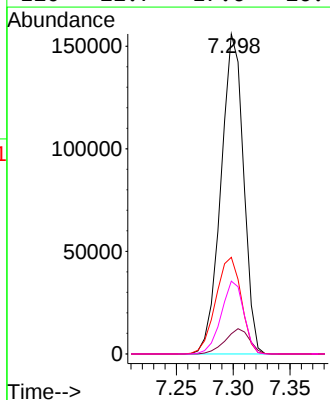
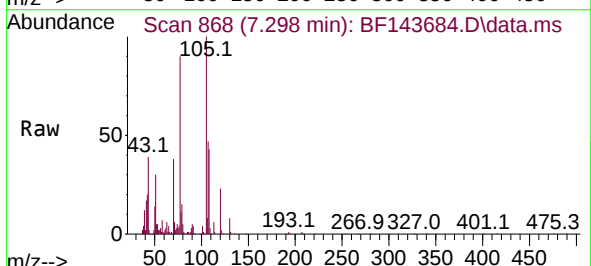
Reviewed By :Rahul Chavli 09/10/2025

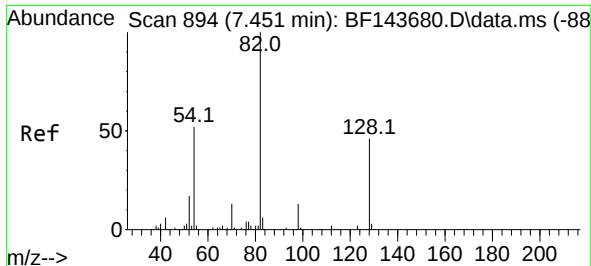
Supervised By :Jagrut Upadhyay 09/10/2025



#22
Acetophenone
Concen: 39.924 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.000 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

Tgt Ion:105 Resp: 215719
Ion Ratio Lower Upper
105 100
71 6.3 5.9 8.9
51 30.2 22.4 33.6
120 22.7 17.6 26.4





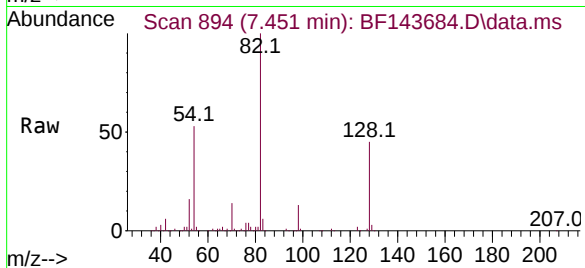
#23
Nitrobenzene-d5
Concen: 83.786 ng
RT: 7.451 min Scan# 894
Delta R.T. -0.000 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

Instrument :

BNA_F

ClientSampleId :

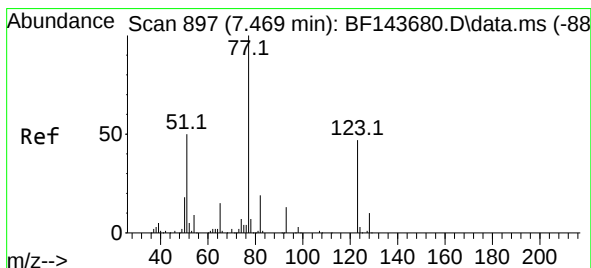
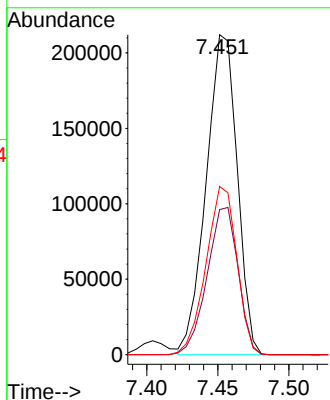
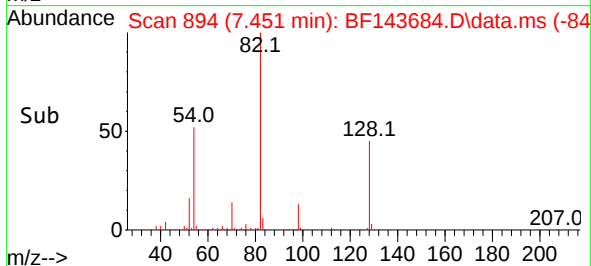
ICVBF091025



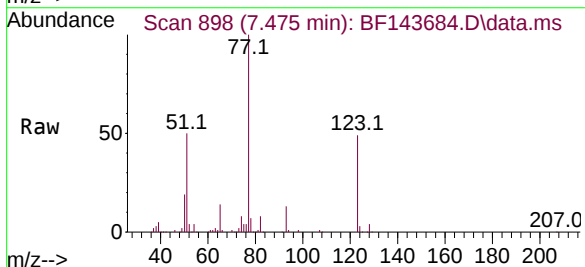
Tgt Ion: 82 Resp: 322262
Ion Ratio Lower Upper
82 100
128 45.3 37.0 55.4
54 52.5 41.8 62.8

Manual Integrations
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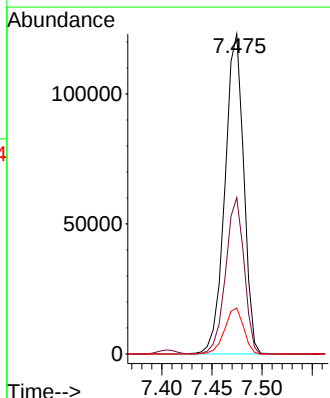
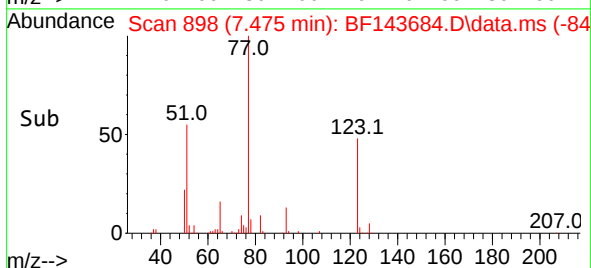
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

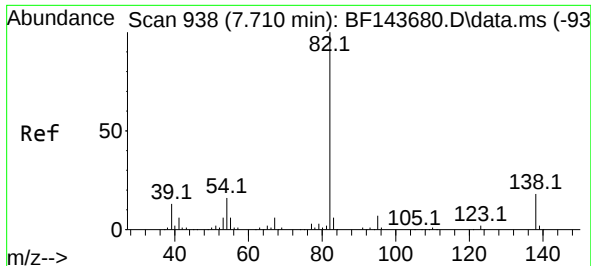


#24
Nitrobenzene
Concen: 40.293 ng
RT: 7.475 min Scan# 898
Delta R.T. 0.006 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03



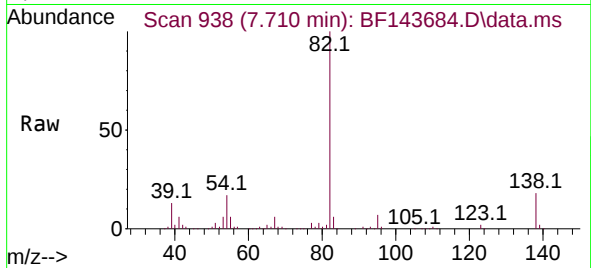
Tgt Ion: 77 Resp: 160692
Ion Ratio Lower Upper
77 100
123 48.8 37.4 56.0
65 14.3 11.6 17.4





#25
Isophorone
Concen: 40.730 ng
RT: 7.710 min Scan# 938
Delta R.T. -0.000 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

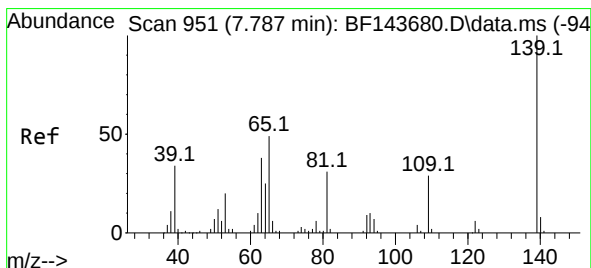
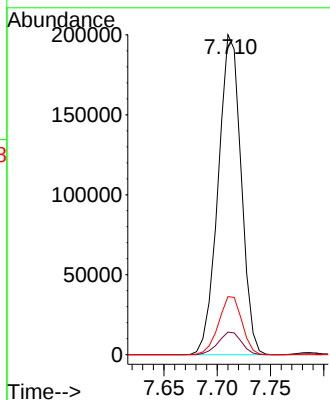
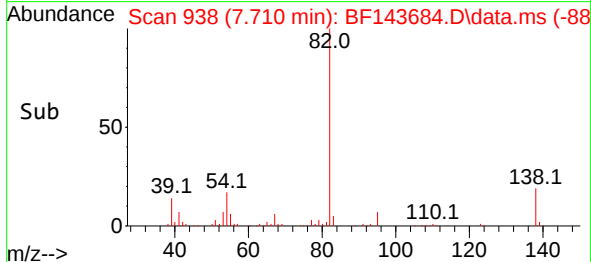
Instrument :
BNA_F
ClientSampleId :
ICVBF091025



Tgt Ion: 82 Resp: 300398
Ion Ratio Lower Upper
82 100
95 7.0 5.7 8.5
138 18.2 14.8 22.2

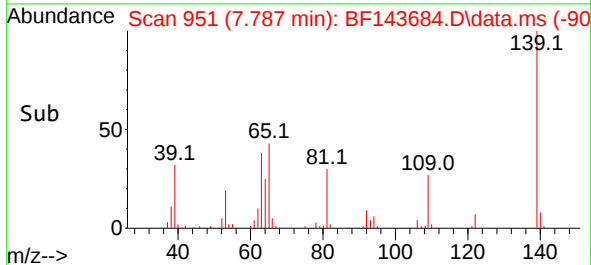
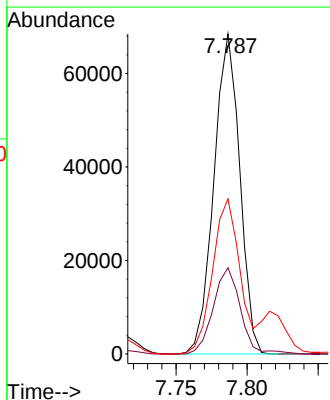
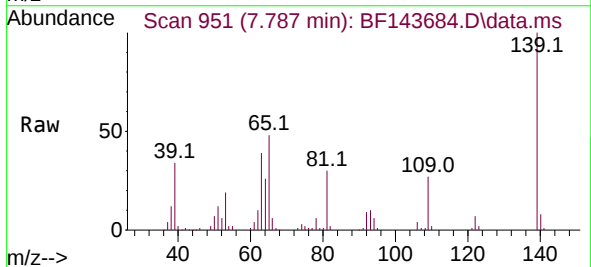
Manual Integrations
APPROVED

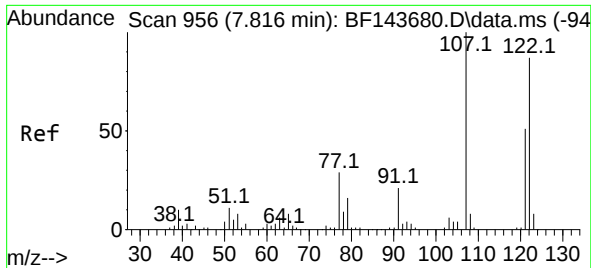
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#26
2-Nitrophenol
Concen: 44.246 ng
RT: 7.787 min Scan# 951
Delta R.T. -0.000 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

Tgt Ion:139 Resp: 86760
Ion Ratio Lower Upper
139 100
109 26.9 22.8 34.2
65 48.4 39.2 58.8





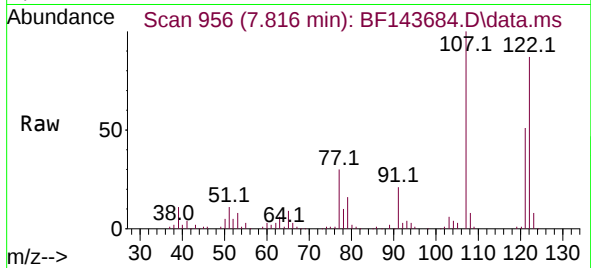
#27
2,4-Dimethylphenol
Concen: 40.089 ng
RT: 7.816 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF091025

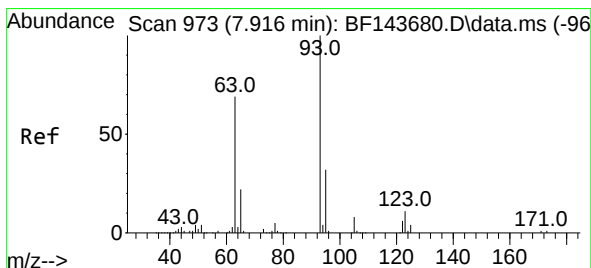
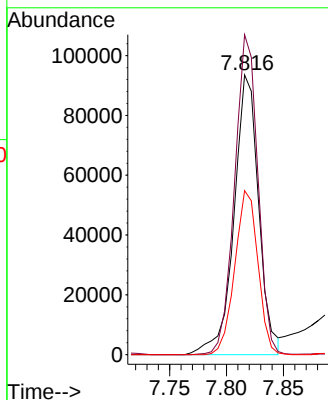
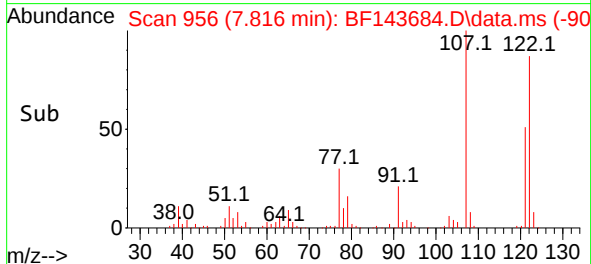


Tgt Ion:122 Resp: 141119
Ion Ratio Lower Upper
122 100
107 114.4 92.1 138.1
121 58.6 46.9 70.3

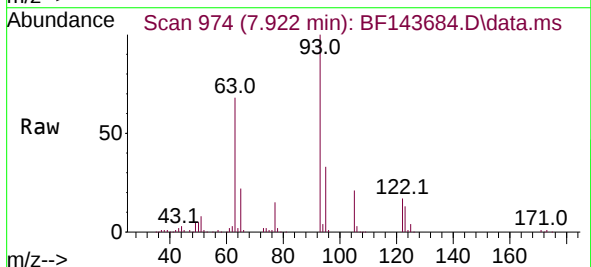
Manual Integrations

APPROVED

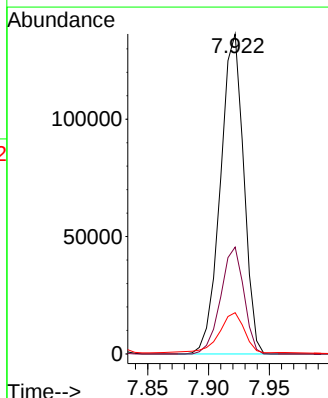
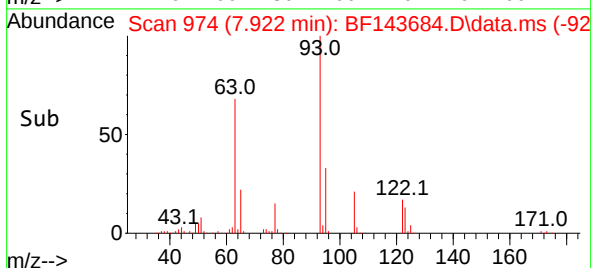
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

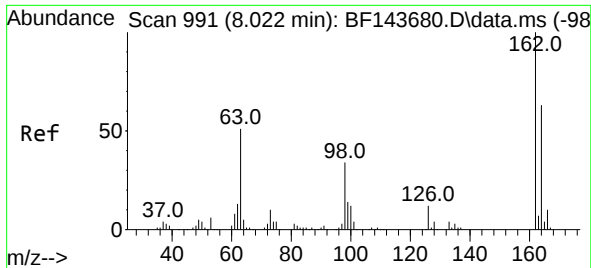


#28
bis(2-Chloroethoxy)methane
Concen: 40.004 ng
RT: 7.922 min Scan# 974
Delta R.T. 0.006 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03



Tgt Ion: 93 Resp: 181315
Ion Ratio Lower Upper
93 100
95 33.4 26.0 39.0
123 12.9 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 41.236 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.000 min

Lab File: BF143684.D

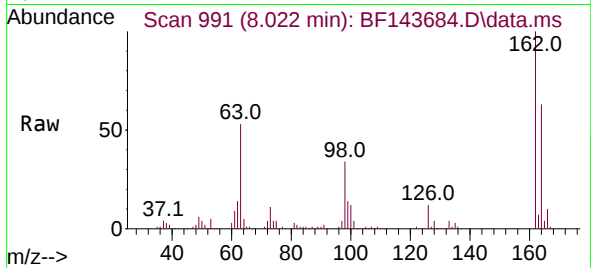
Acq: 09 Sep 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF091025



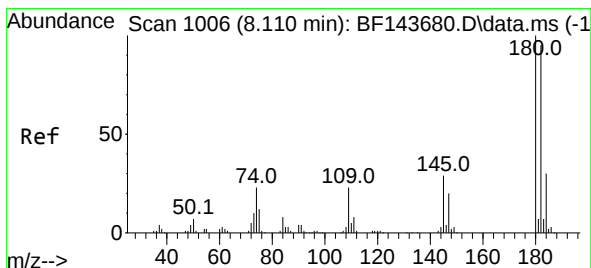
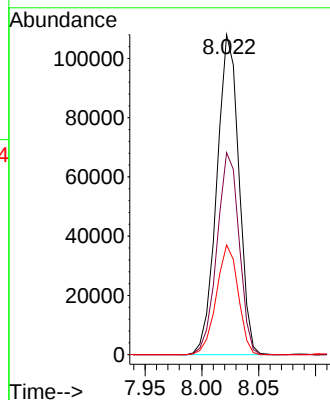
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.2	43.0	83.0
98	34.3	13.8	53.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#30

1,2,4-Trichlorobenzene

Concen: 39.992 ng

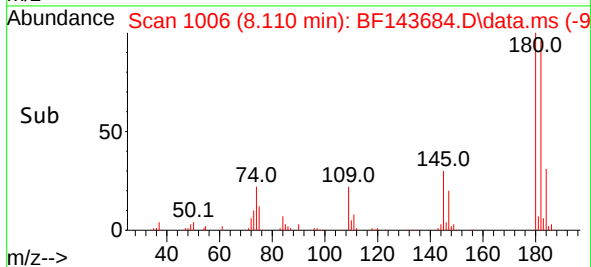
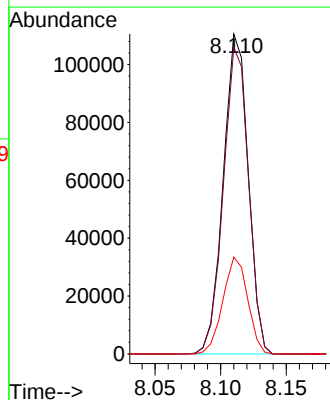
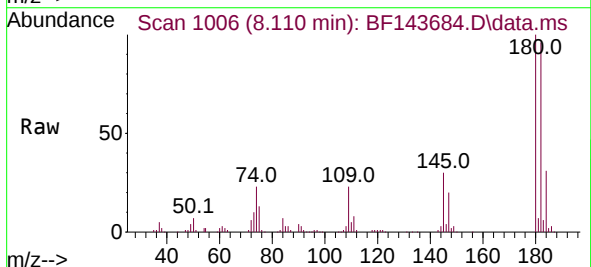
RT: 8.110 min Scan# 1006

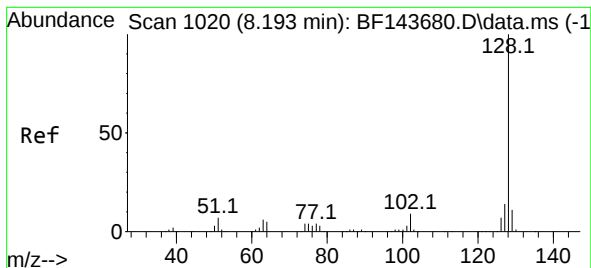
Delta R.T. -0.000 min

Lab File: BF143684.D

Acq: 09 Sep 2025 15:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.2	114.4
145	30.2	23.2	34.8





#31

Naphthalene

Concen: 39.822 ng

RT: 8.192 min Scan# 1020

Delta R.T. -0.000 min

Lab File: BF143684.D

Acq: 09 Sep 2025 15:03

Instrument :

BNA_F

ClientSampleId :

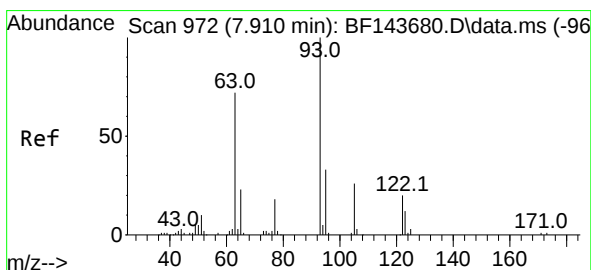
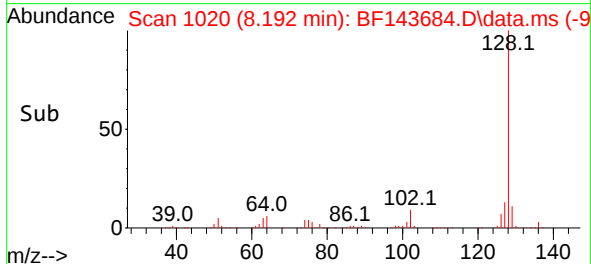
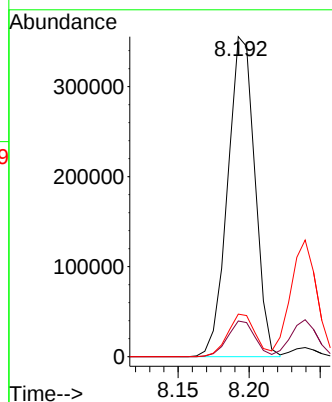
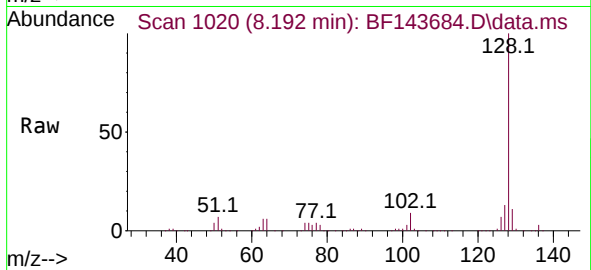
ICVBF091025

Tgt Ion:128 Resp: 471612
 Ion Ratio Lower Upper
 128 100
 129 11.1 8.8 13.2
 127 13.3 10.9 16.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025
 Supervised By :Jagrut Upadhyay 09/10/2025



#32

Benzoic acid

Concen: 44.017 ng

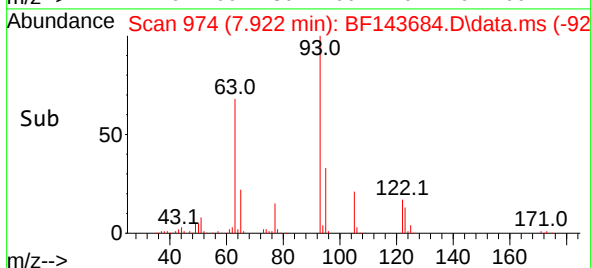
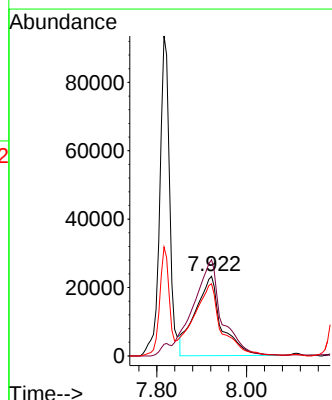
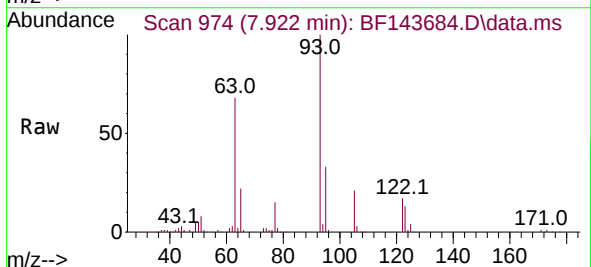
RT: 7.922 min Scan# 974

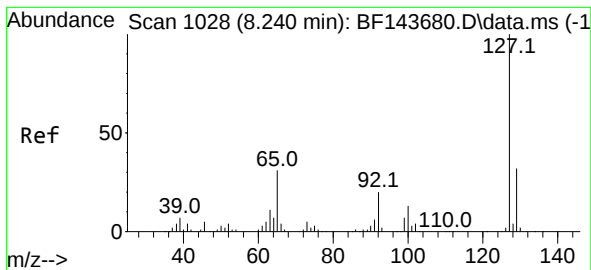
Delta R.T. 0.012 min

Lab File: BF143684.D

Acq: 09 Sep 2025 15:03

Tgt Ion:122 Resp: 94531
 Ion Ratio Lower Upper
 122 100
 105 120.6 105.2 145.2
 77 90.5 72.0 112.0





#33
4-Chloroaniline
Concen: 40.656 ng
RT: 8.239 min Scan# 1028
Delta R.T. -0.000 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF091025

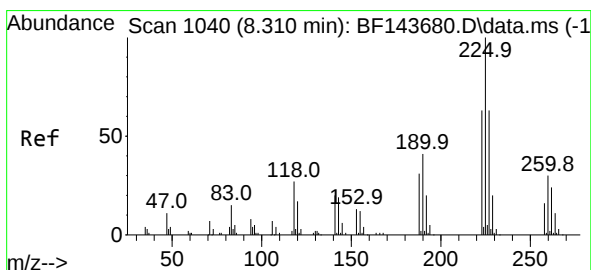
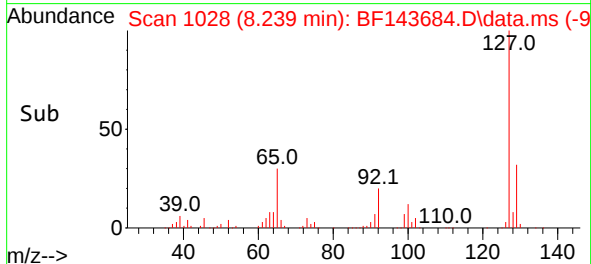
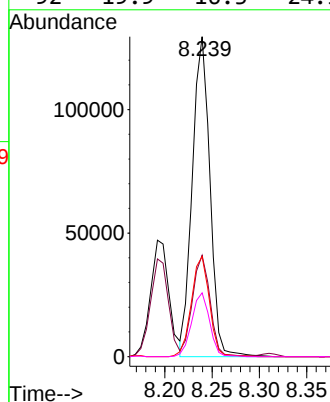
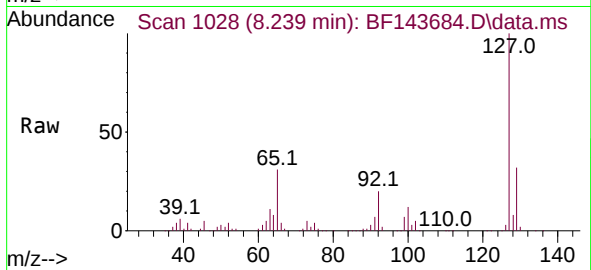
Tgt Ion:127 Resp: 167620
Ion Ratio Lower Upper
127 100
129 31.7 26.0 39.0
65 31.3 24.6 36.8
92 19.9 16.3 24.5

Manual Integrations

APPROVED

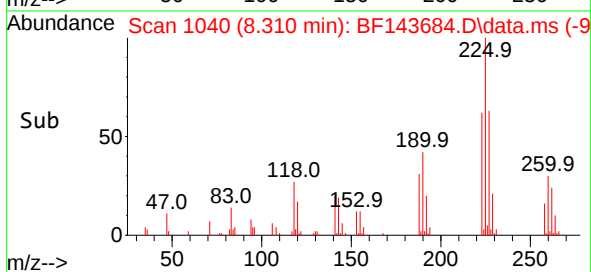
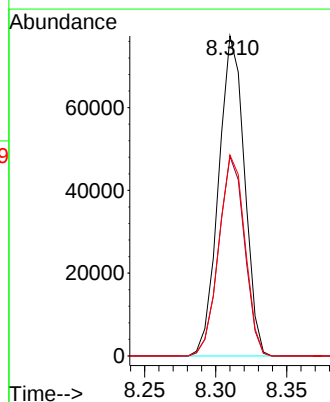
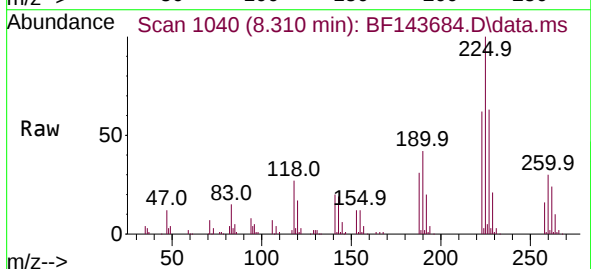
Reviewed By :Rahul Chavli 09/10/2025

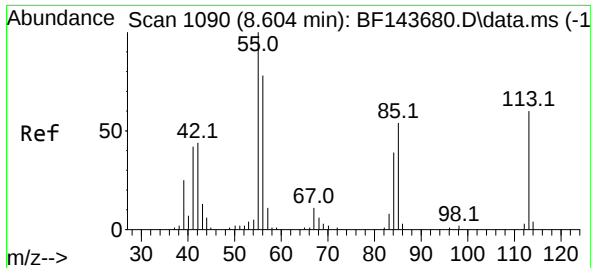
Supervised By :Jagrut Upadhyay 09/10/2025



#34
Hexachlorobutadiene
Concen: 40.915 ng
RT: 8.310 min Scan# 1040
Delta R.T. -0.000 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

Tgt Ion:225 Resp: 97899
Ion Ratio Lower Upper
225 100
223 62.3 50.6 76.0
227 62.8 50.8 76.2





#35
Caprolactam
Concen: 42.120 ng
RT: 8.616 min Scan# 1092
Delta R.T. 0.012 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

Instrument :

BNA_F

ClientSampleId :

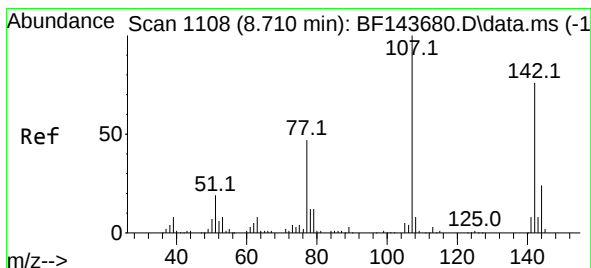
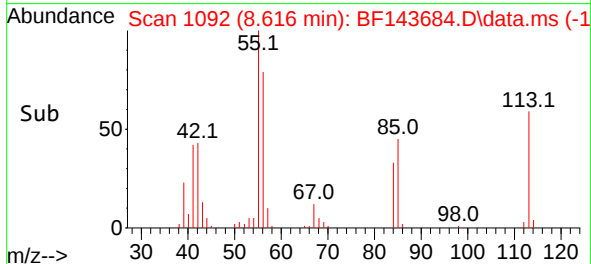
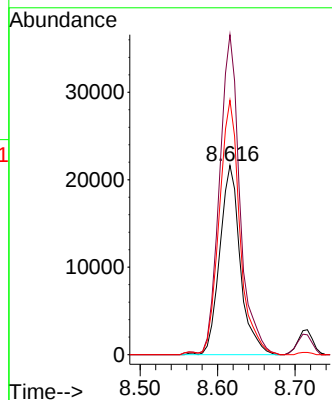
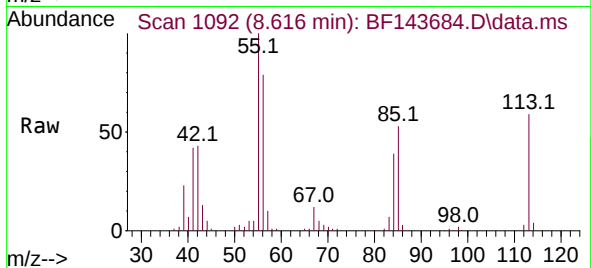
ICVBF091025

Tgt Ion:113 Resp: 39696
Ion Ratio Lower Upper
113 100
55 169.2 148.9 188.9
56 134.5 112.8 152.8

Manual Integrations

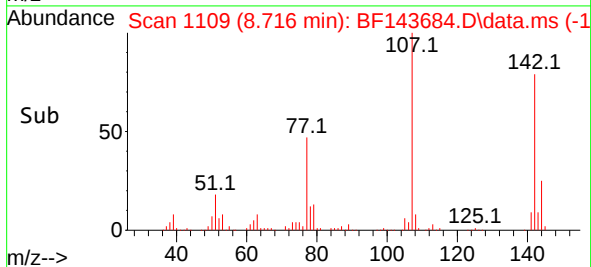
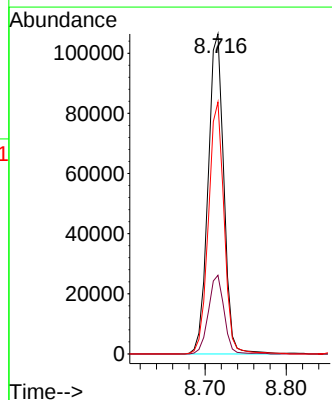
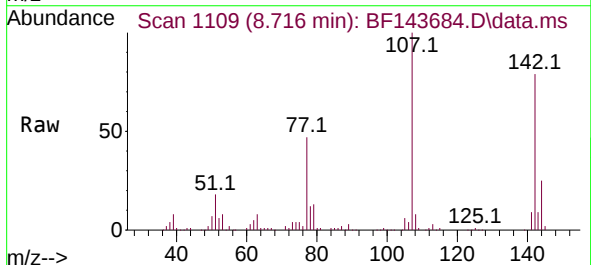
APPROVED

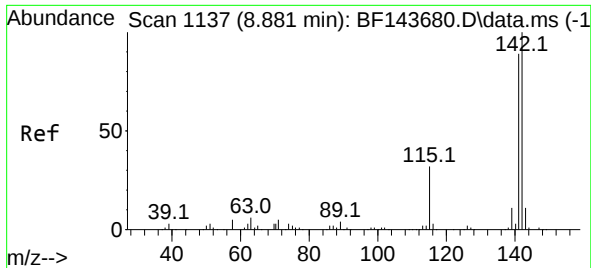
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#36
4-Chloro-3-methylphenol
Concen: 41.254 ng
RT: 8.716 min Scan# 1109
Delta R.T. 0.006 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

Tgt Ion:107 Resp: 144035
Ion Ratio Lower Upper
107 100
144 24.6 19.4 29.2
142 78.7 60.6 91.0





#37

2-Methylnaphthalene

Concen: 39.380 ng

RT: 8.886 min Scan# 1137

Delta R.T. 0.006 min

Lab File: BF143684.D

Acq: 09 Sep 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF091025

Tgt Ion:142 Resp: 319256

Ion Ratio Lower Upper

142 100

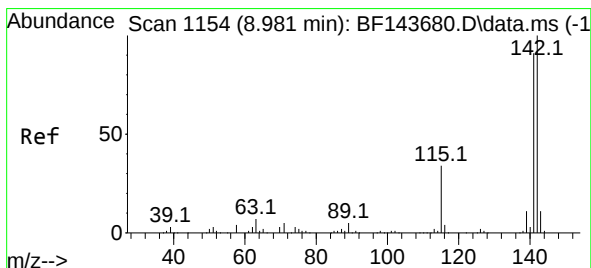
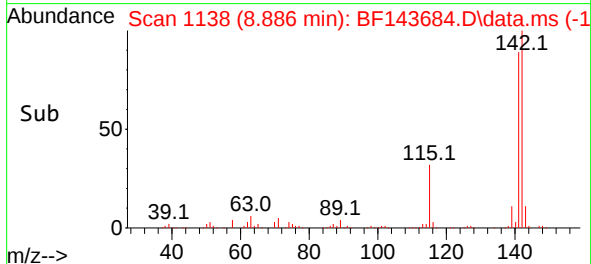
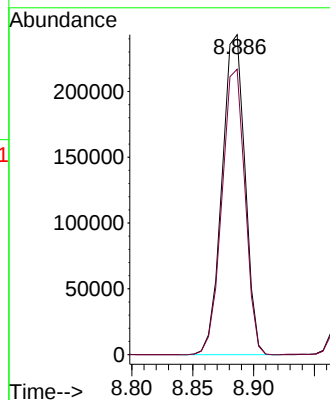
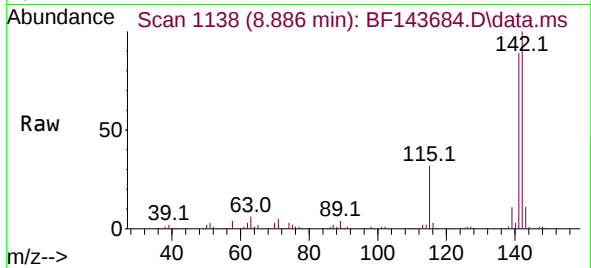
141 89.2 71.1 106.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#38

1-Methylnaphthalene

Concen: 39.839 ng

RT: 8.986 min Scan# 1155

Delta R.T. 0.006 min

Lab File: BF143684.D

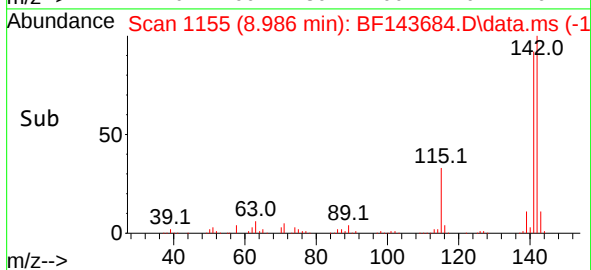
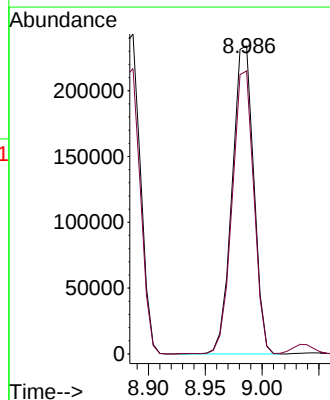
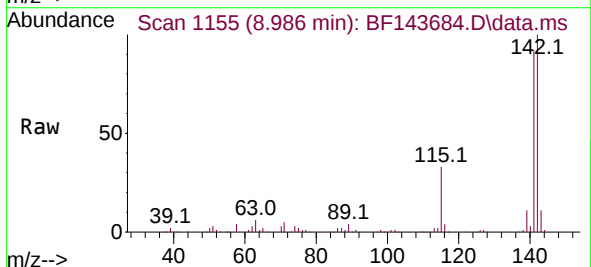
Acq: 09 Sep 2025 15:03

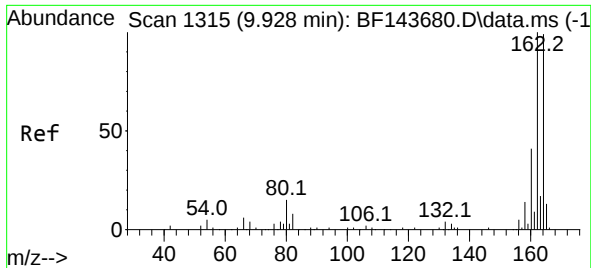
Tgt Ion:142 Resp: 309953

Ion Ratio Lower Upper

142 100

141 91.9 72.9 109.3





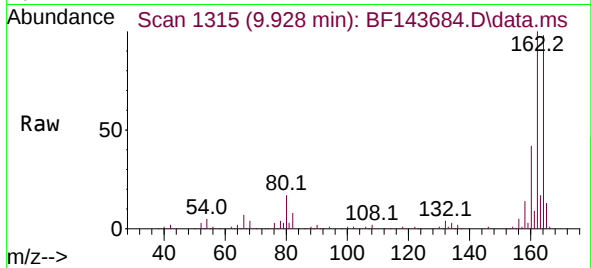
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1315
Delta R.T. -0.000 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF091025



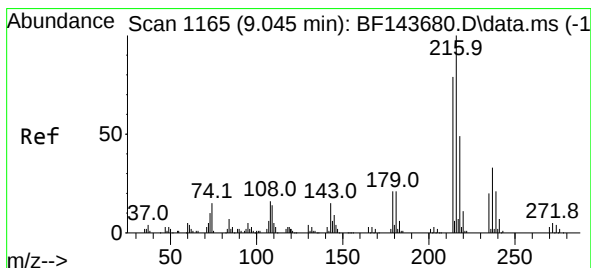
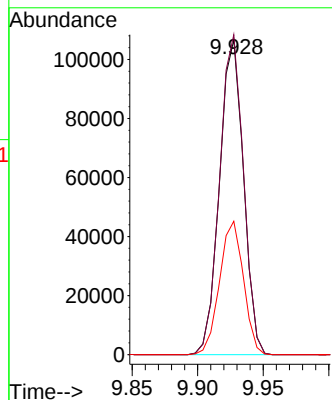
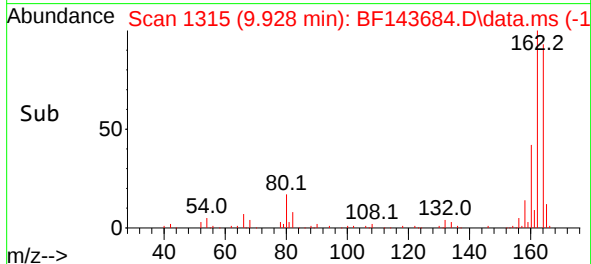
Tgt Ion:164 Resp: 135701
Ion Ratio Lower Upper
164 100
162 101.7 80.6 121.0
160 42.4 33.0 49.4

Manual Integrations

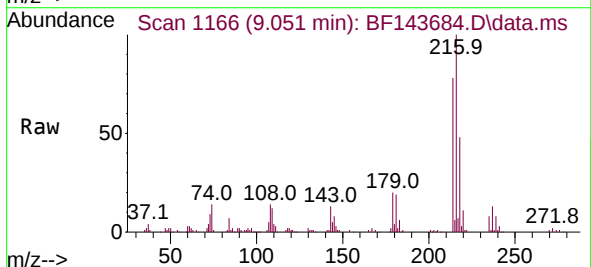
APPROVED

Reviewed By :Rahul Chavli 09/10/2025

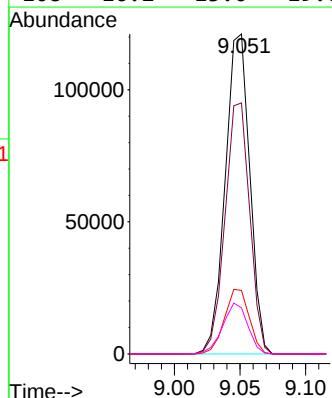
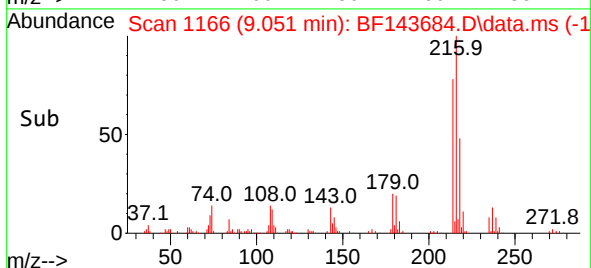
Supervised By :Jagrut Upadhyay 09/10/2025

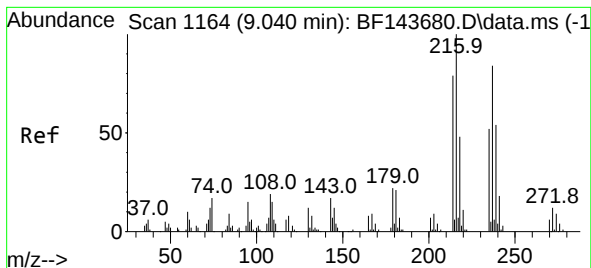


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.693 ng
RT: 9.051 min Scan# 1166
Delta R.T. 0.006 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03



Tgt Ion:216 Resp: 158089
Ion Ratio Lower Upper
216 100
214 78.7 63.2 94.8
179 20.3 16.8 25.2
108 16.2 13.0 19.6





#41

Hexachlorocyclopentadiene

Concen: 42.165 ng

RT: 9.039 min Scan# 1164

Delta R.T. -0.000 min

Lab File: BF143684.D

Acq: 09 Sep 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF091025

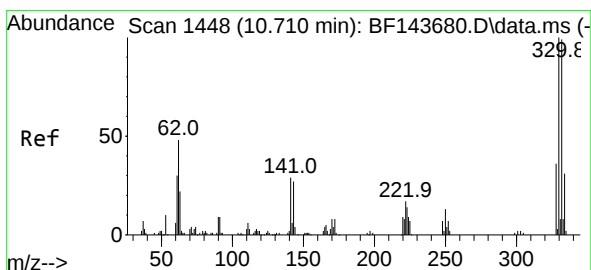
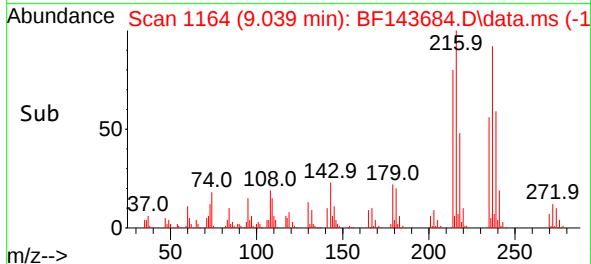
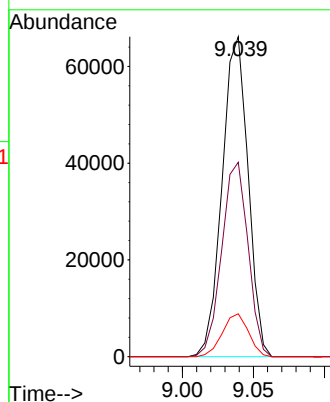
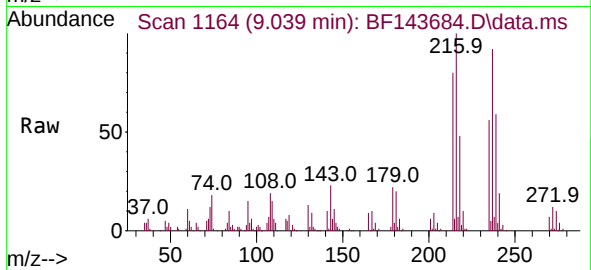
Tgt Ion:	237	Resp:	84098
Ion Ratio	Lower	Upper	
237	100		
235	60.7	41.6	81.6
272	13.4	0.0	33.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#42

2,4,6-Tribromophenol

Concen: 85.251 ng

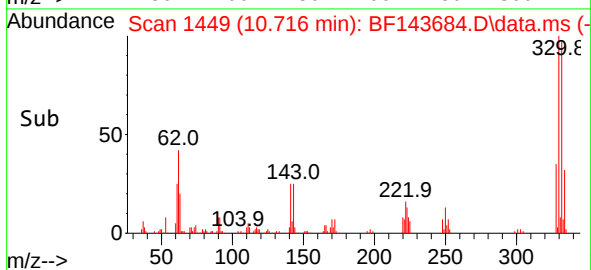
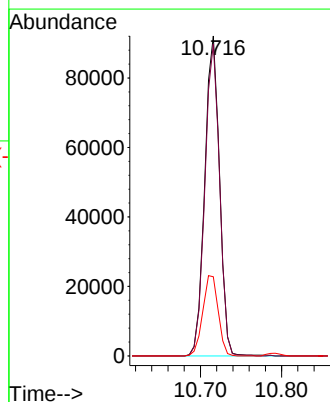
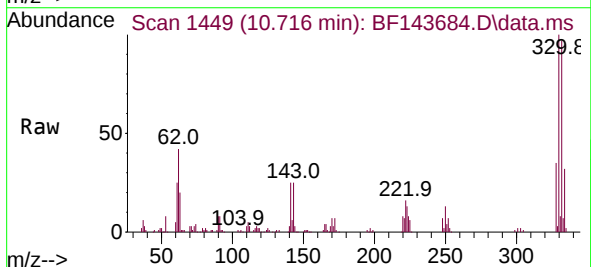
RT: 10.716 min Scan# 1449

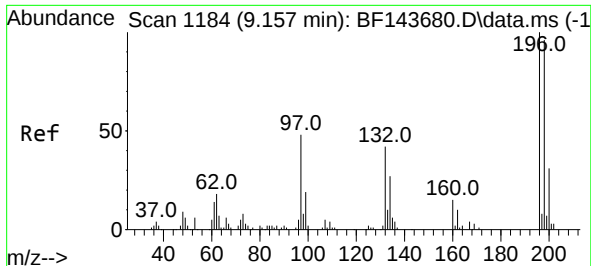
Delta R.T. 0.006 min

Lab File: BF143684.D

Acq: 09 Sep 2025 15:03

Tgt Ion:	330	Resp:	116586
Ion Ratio	Lower	Upper	
330	100		
332	96.9	79.2	118.8
141	26.1	22.2	33.4





#43

2,4,6-Trichlorophenol

Concen: 41.574 ng

RT: 9.157 min Scan# 1184

Delta R.T. -0.000 min

Lab File: BF143684.D

Acq: 09 Sep 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF091025

Tgt Ion:196 Resp: 107849

Ion Ratio Lower Upper

196 100

198 94.9 76.5 114.7

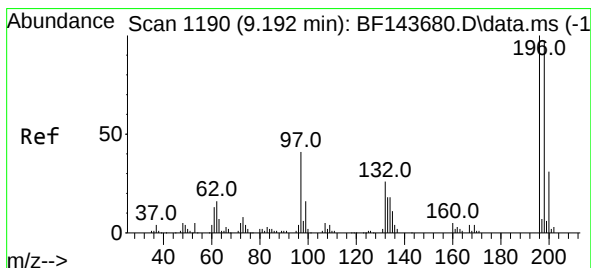
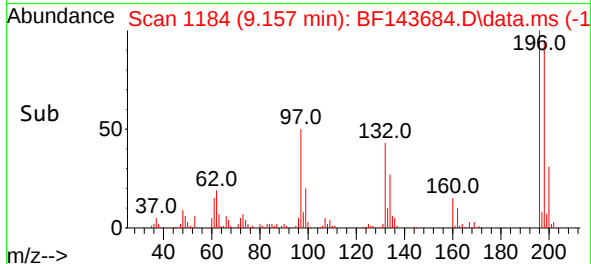
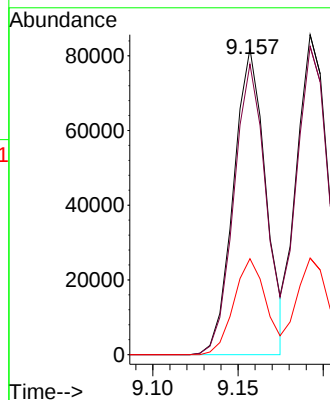
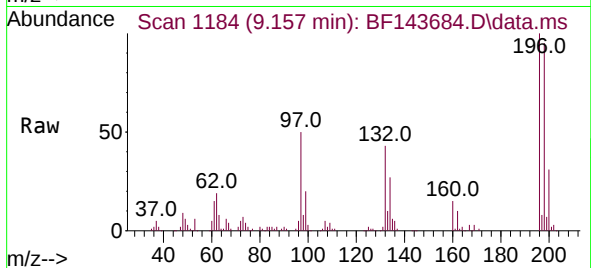
200 31.4 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#44

2,4,5-Trichlorophenol

Concen: 41.502 ng

RT: 9.192 min Scan# 1190

Delta R.T. -0.000 min

Lab File: BF143684.D

Acq: 09 Sep 2025 15:03

Tgt Ion:196 Resp: 109448

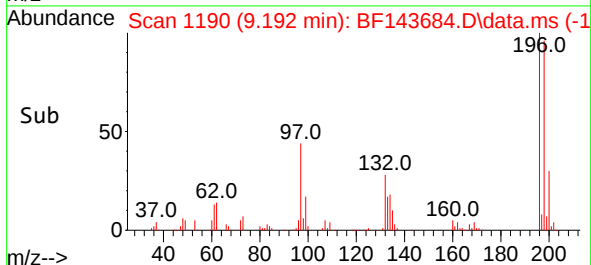
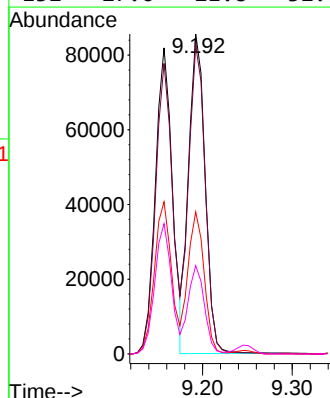
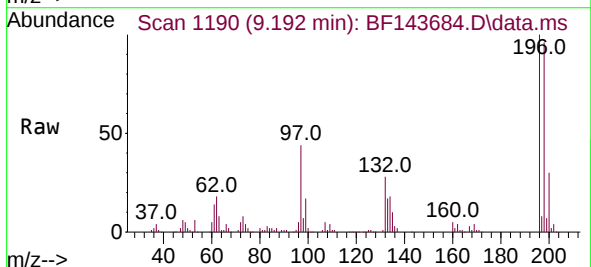
Ion Ratio Lower Upper

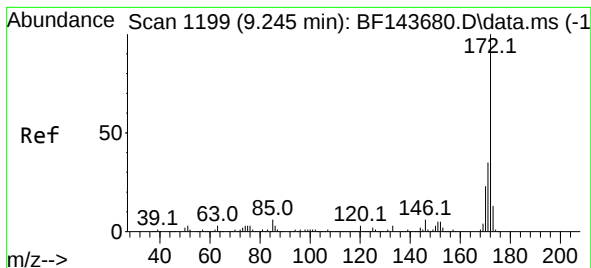
196 100

198 96.3 77.0 115.6

97 44.4 34.2 51.4

132 27.6 21.8 32.6





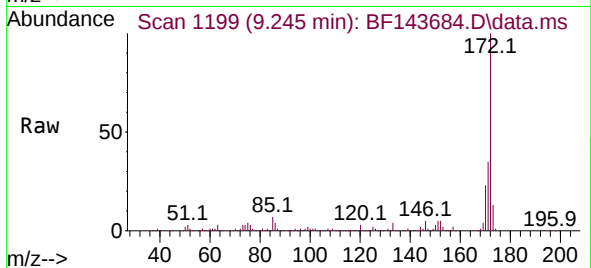
#45
2-Fluorobiphenyl
Concen: 79.141 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.000 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF091025



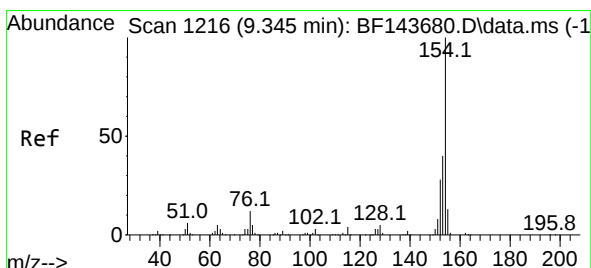
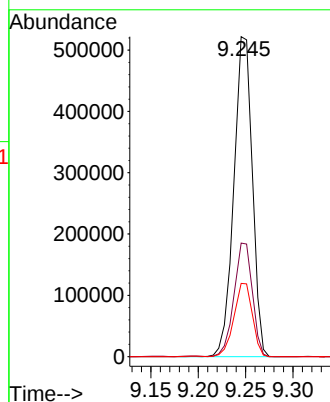
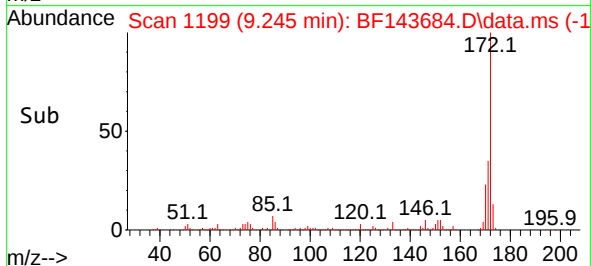
Tgt Ion:172 Resp: 710939
Ion Ratio Lower Upper
172 100
171 35.5 27.9 41.9
170 22.9 18.6 27.8

Manual Integrations

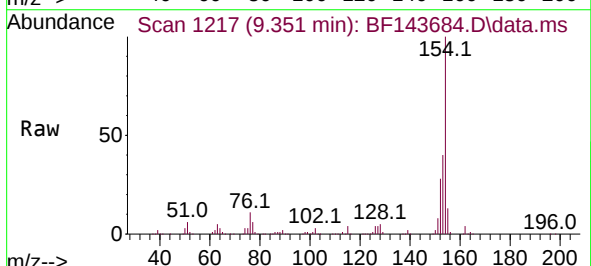
APPROVED

Reviewed By :Rahul Chavli 09/10/2025

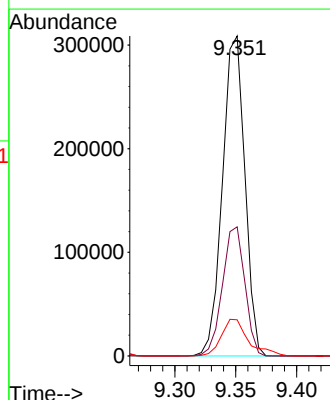
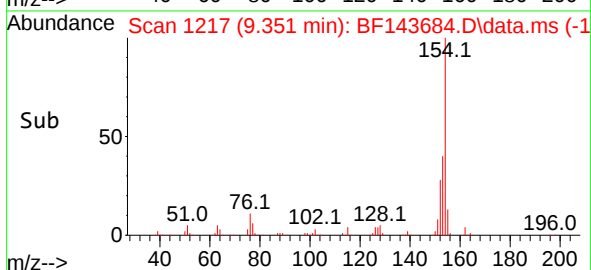
Supervised By :Jagrut Upadhyay 09/10/2025

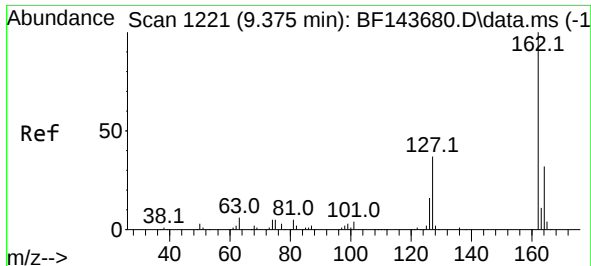


#46
1,1'-Biphenyl
Concen: 40.536 ng
RT: 9.351 min Scan# 1217
Delta R.T. 0.006 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03



Tgt Ion:154 Resp: 396011
Ion Ratio Lower Upper
154 100
153 40.3 20.2 60.2
76 11.3 0.0 31.6





#47

2-Chloronaphthalene

Concen: 40.278 ng

RT: 9.375 min Scan# 1221

Delta R.T. -0.000 min

Lab File: BF143684.D

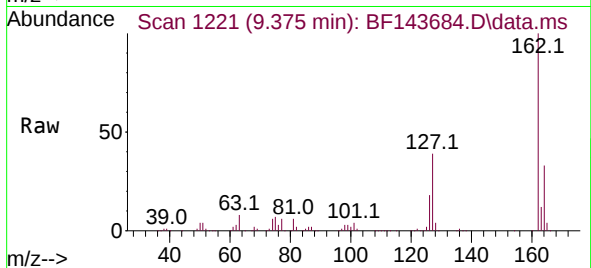
Acq: 09 Sep 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF091025



Tgt Ion:162 Resp: 308479

Ion Ratio Lower Upper

162 100

127 39.0 30.6 45.8

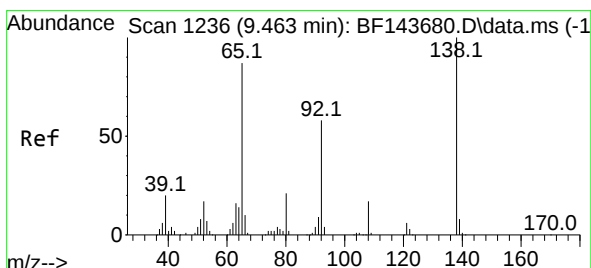
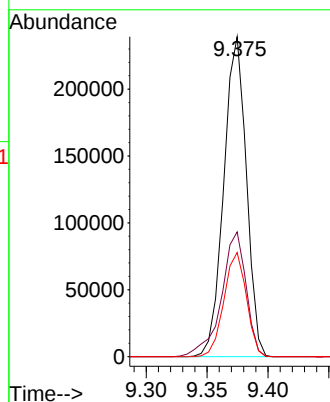
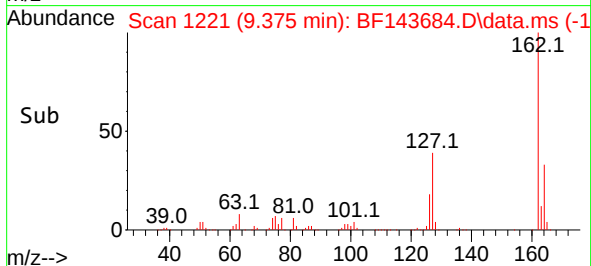
164 32.5 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#48

2-Nitroaniline

Concen: 44.177 ng

RT: 9.463 min Scan# 1236

Delta R.T. -0.000 min

Lab File: BF143684.D

Acq: 09 Sep 2025 15:03

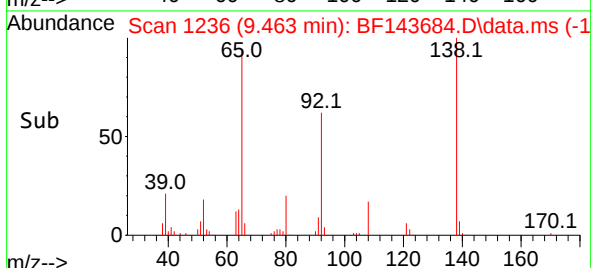
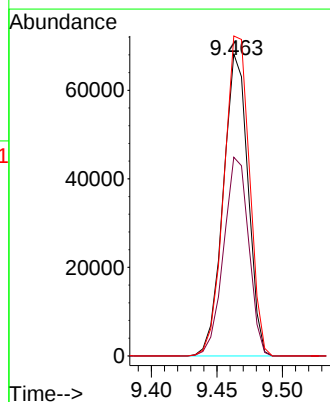
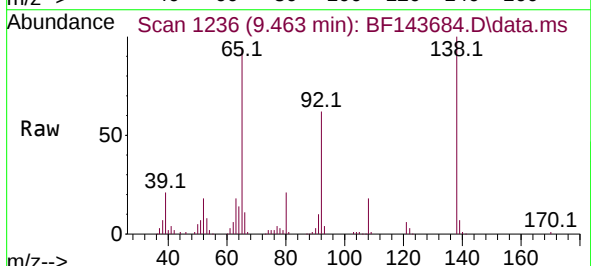
Tgt Ion: 65 Resp: 89539

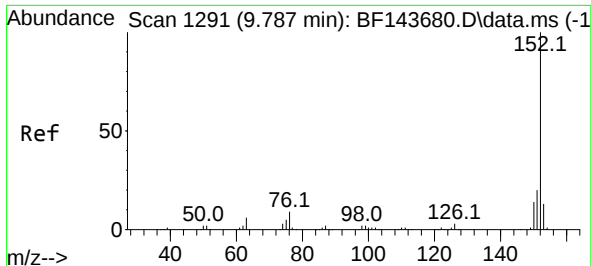
Ion Ratio Lower Upper

65 100

92 65.8 53.3 79.9

138 106.0 92.1 138.1





#49

Acenaphthylene

Concen: 40.630 ng

RT: 9.786 min Scan# 1291

Delta R.T. -0.000 min

Lab File: BF143684.D

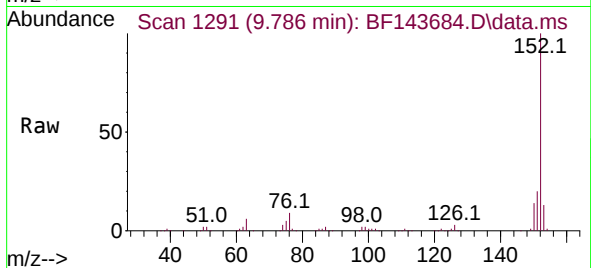
Acq: 09 Sep 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF091025



Tgt Ion:152 Resp: 44574

Ion Ratio Lower Upper

152 100

151 19.8 15.9 23.9

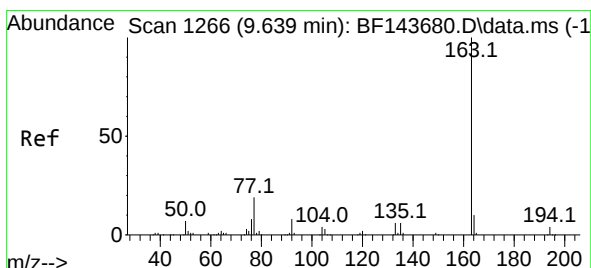
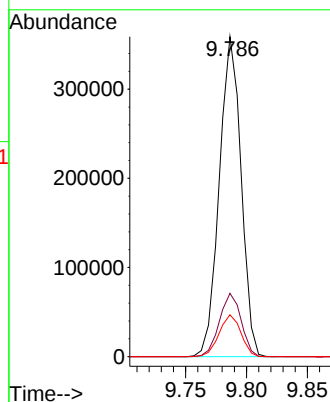
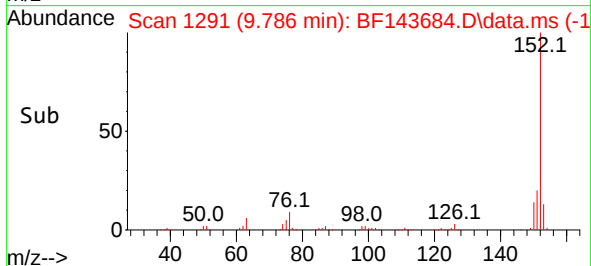
153 13.1 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#50

Dimethylphthalate

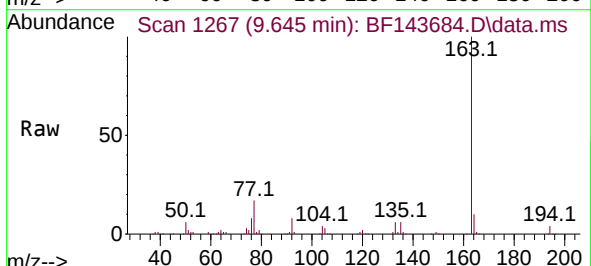
Concen: 40.828 ng

RT: 9.645 min Scan# 1267

Delta R.T. 0.006 min

Lab File: BF143684.D

Acq: 09 Sep 2025 15:03



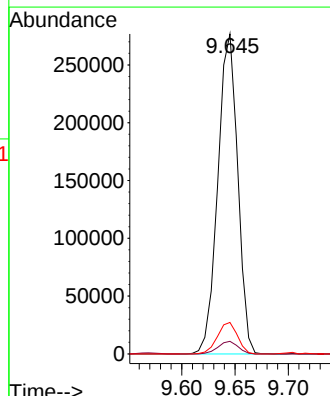
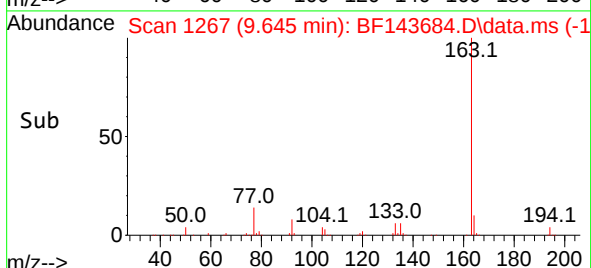
Tgt Ion:163 Resp: 360478

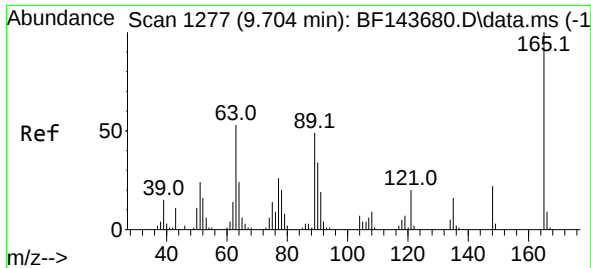
Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

164 9.8 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 46.201 ng
RT: 9.710 min Scan# 1278
Delta R.T. 0.006 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

Instrument :

BNA_F

ClientSampleId :

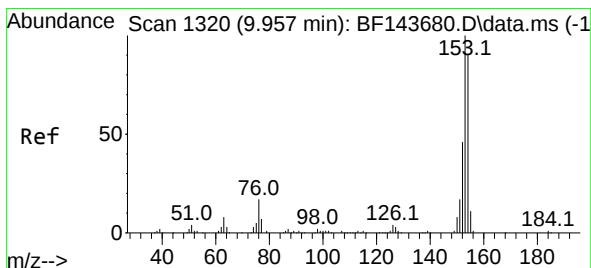
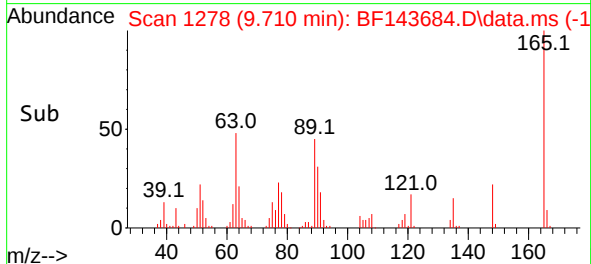
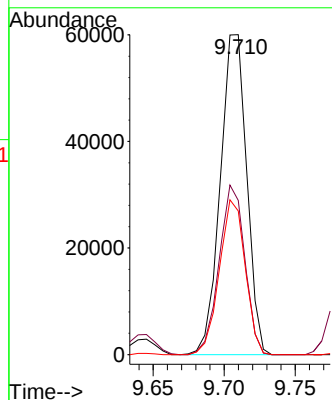
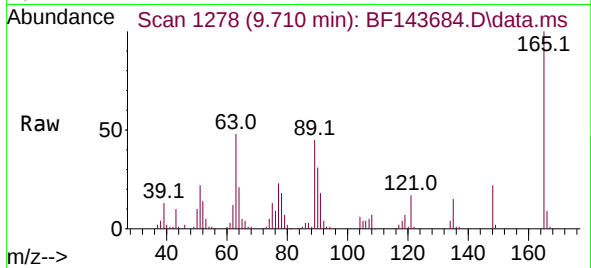
ICVBF091025

Tgt Ion:165 Resp: 77992
Ion Ratio Lower Upper
165 100
63 48.2 42.2 63.4
89 44.9 39.3 58.9

Manual Integrations

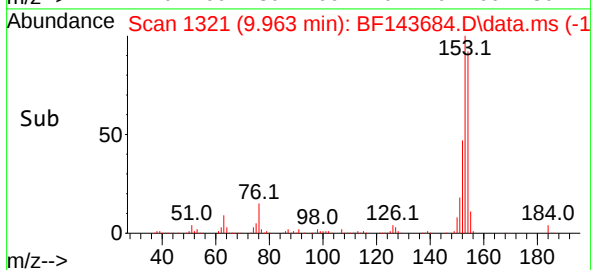
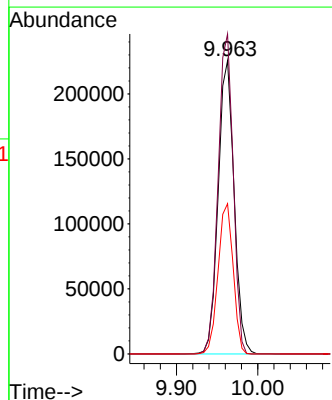
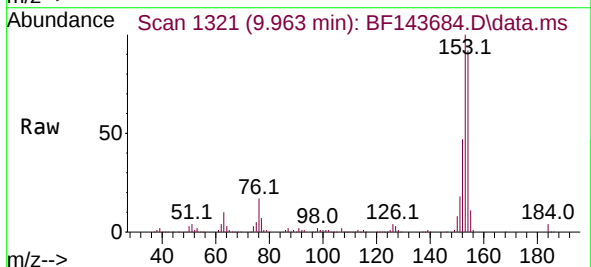
APPROVED

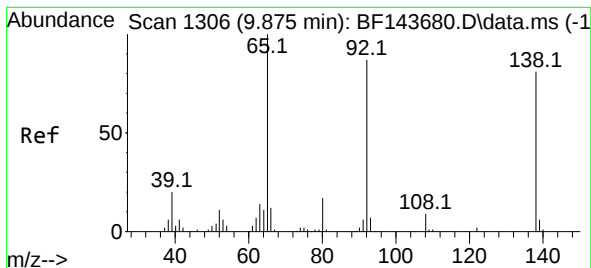
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#52
Acenaphthene
Concen: 40.653 ng
RT: 9.963 min Scan# 1321
Delta R.T. 0.006 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

Tgt Ion:154 Resp: 307329
Ion Ratio Lower Upper
154 100
153 109.1 89.4 134.0
152 51.2 41.2 61.8





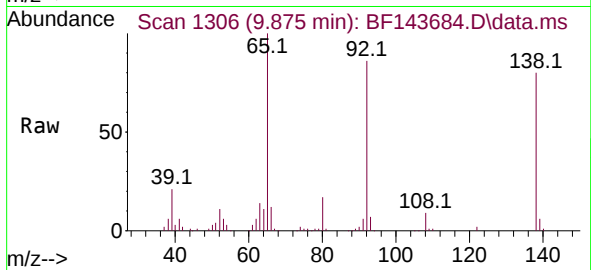
#53
3-Nitroaniline
Concen: 44.326 ng
RT: 9.875 min Scan# 1306
Delta R.T. -0.000 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF091025



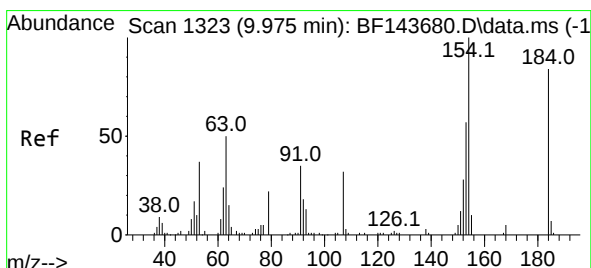
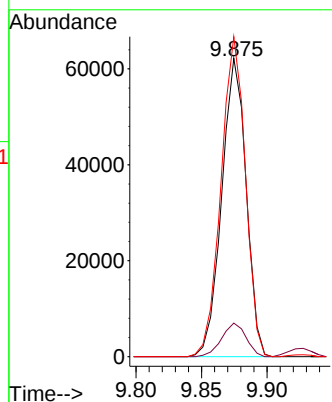
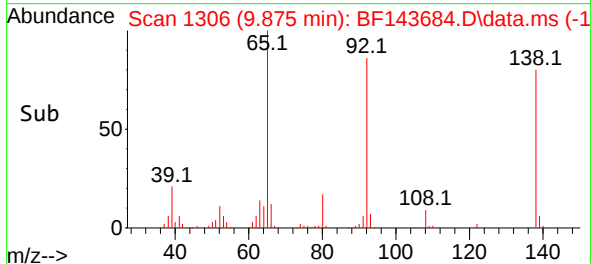
Tgt Ion:138 Resp: 80526
Ion Ratio Lower Upper
138 100
108 11.2 8.6 12.8
92 107.2 85.5 128.3

Manual Integrations

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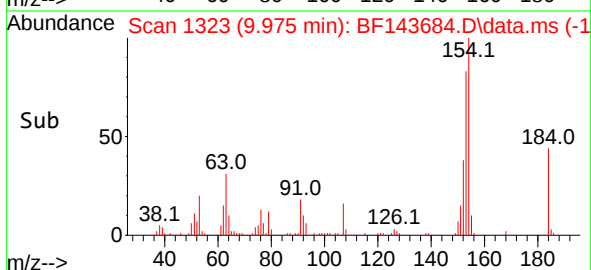
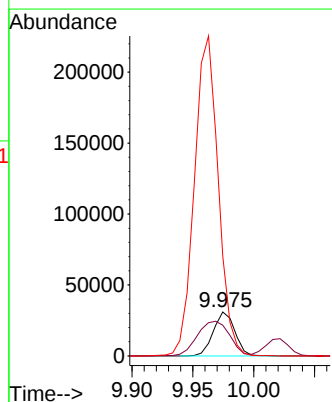
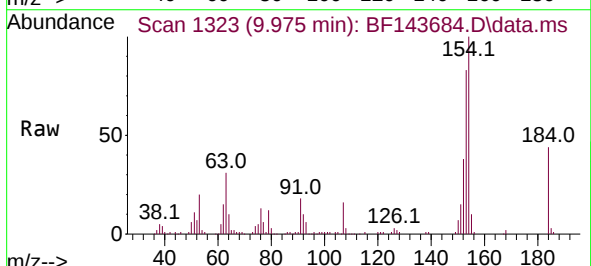
Reviewed By :Rahul Chavli 09/10/2025

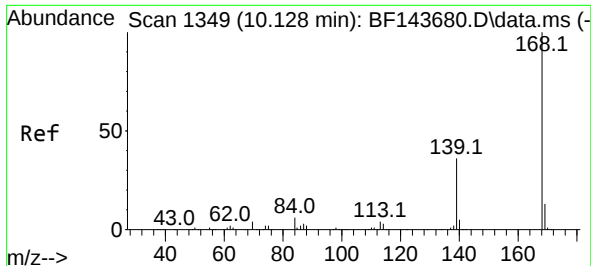
Supervised By :Jagrut Upadhyay 09/10/2025



#54
2,4-Dinitrophenol
Concen: 44.575 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

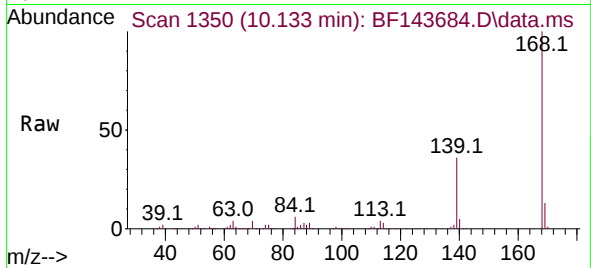
Tgt Ion:184 Resp: 38062
Ion Ratio Lower Upper
184 100
63 69.9 52.7 79.1
154 227.2 136.6 204.8#





#55
Dibenzofuran
Concen: 40.027 ng
RT: 10.133 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

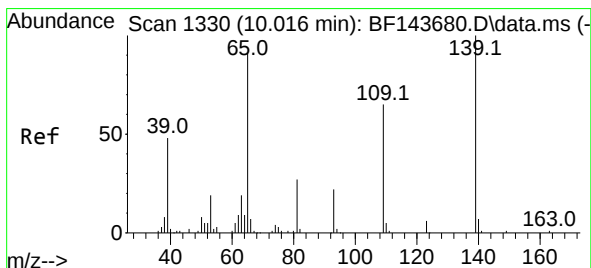
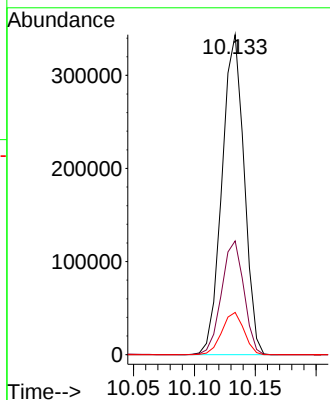
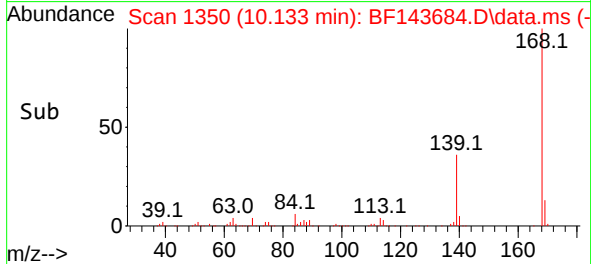
Instrument :
BNA_F
ClientSampleId :
ICVBF091025



Tgt Ion:168 Resp: 435122
Ion Ratio Lower Upper
168 100
139 35.5 29.0 43.4
169 13.2 10.8 16.2

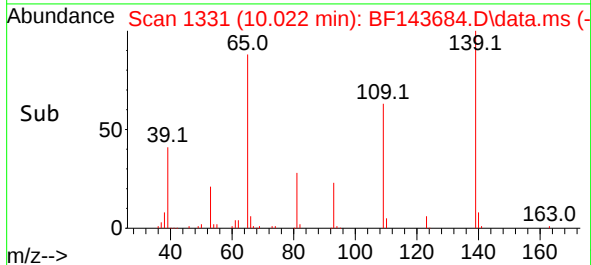
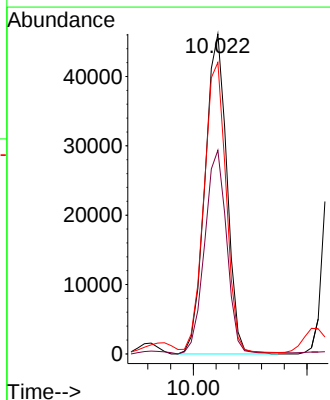
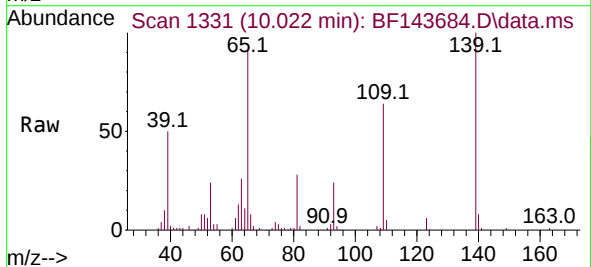
Manual Integrations
APPROVED

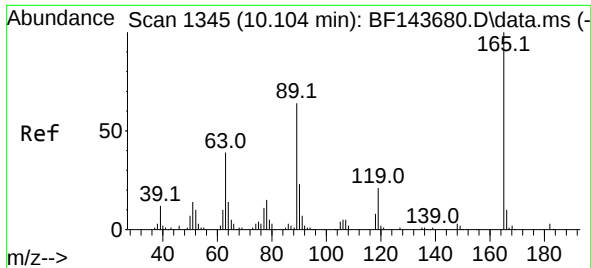
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#56
4-Nitrophenol
Concen: 42.711 ng
RT: 10.022 min Scan# 1331
Delta R.T. 0.006 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

Tgt Ion:139 Resp: 61730
Ion Ratio Lower Upper
139 100
109 63.6 45.2 85.2
65 91.1 72.1 112.1





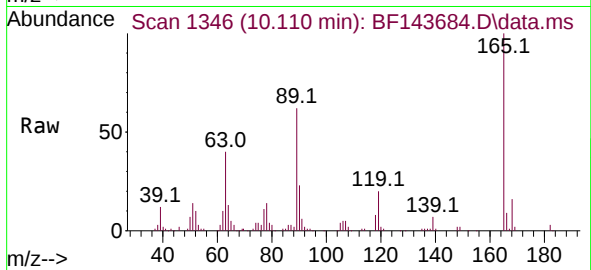
#57
2,4-Dinitrotoluene
Concen: 43.518 ng
RT: 10.110 min Scan# 1345
Delta R.T. 0.006 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF091025



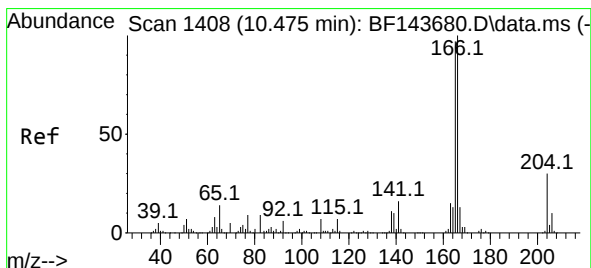
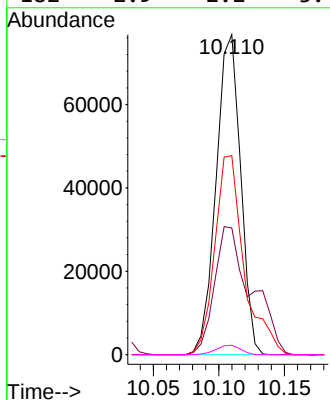
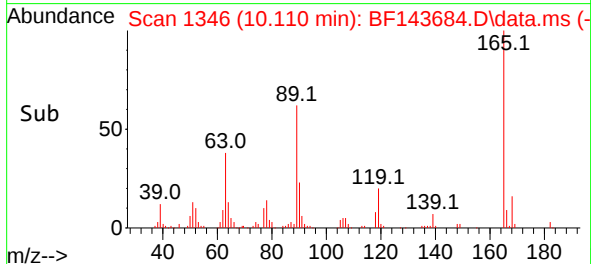
Tgt Ion:165 Resp: 99984
Ion Ratio Lower Upper
165 100
63 39.6 31.5 47.3
89 62.2 51.3 76.9
182 2.9 2.2 3.4

Manual Integrations

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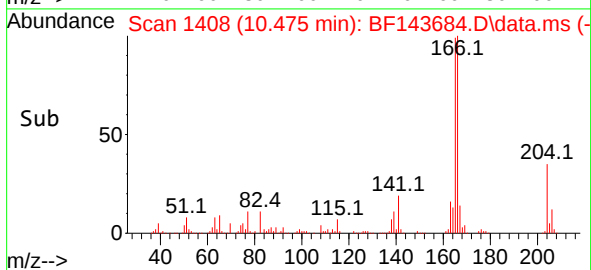
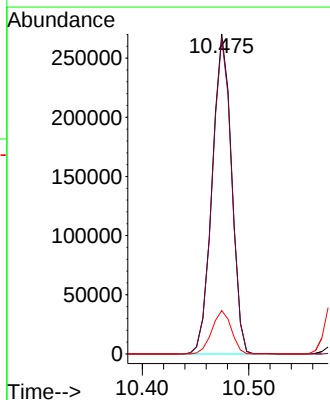
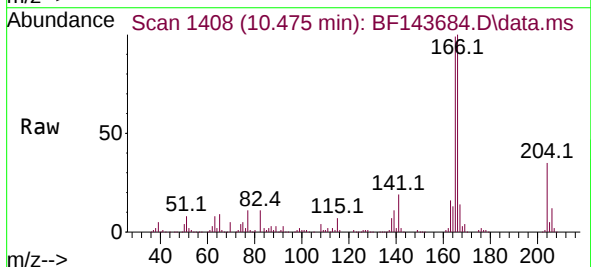
Reviewed By :Rahul Chavli 09/10/2025

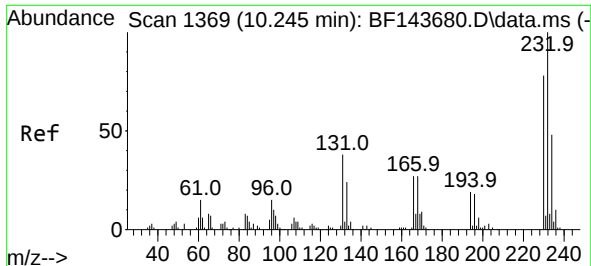
Supervised By :Jagrut Upadhyay 09/10/2025



#58
Fluorene
Concen: 40.207 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

Tgt Ion:166 Resp: 342139
Ion Ratio Lower Upper
166 100
165 98.6 77.5 116.3
167 13.5 10.2 15.2





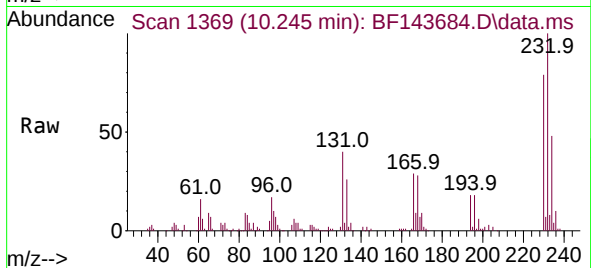
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.772 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.000 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF091025



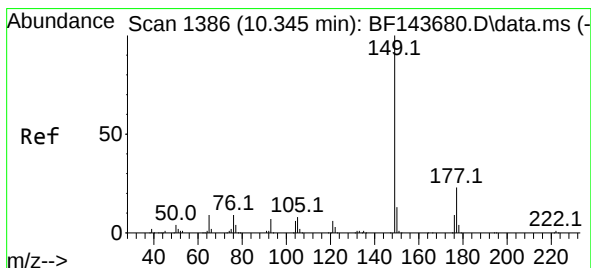
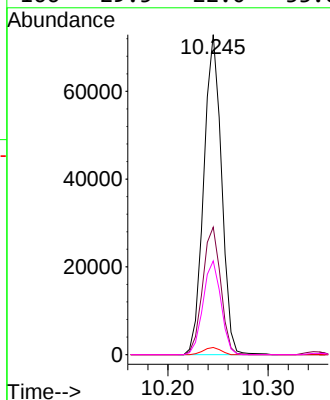
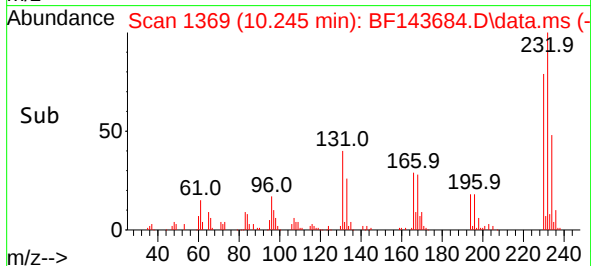
Tgt Ion:232 Resp: 89324
Ion Ratio Lower Upper
232 100
131 40.3 31.9 47.9
130 2.2 1.4 2.0
166 29.5 22.0 33.0

Manual Integrations

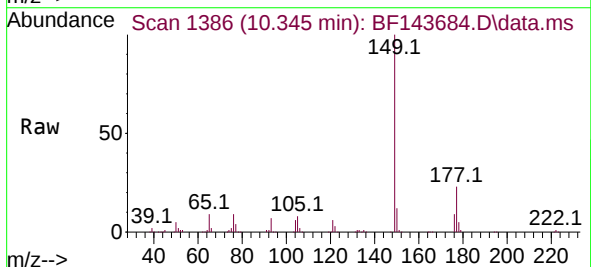
APPROVED

Reviewed By :Rahul Chavli 09/10/2025

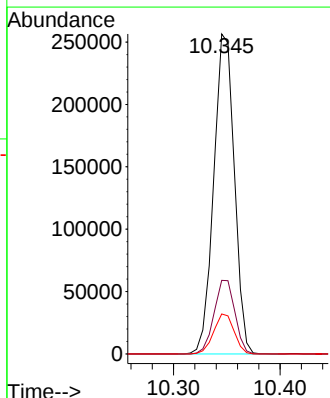
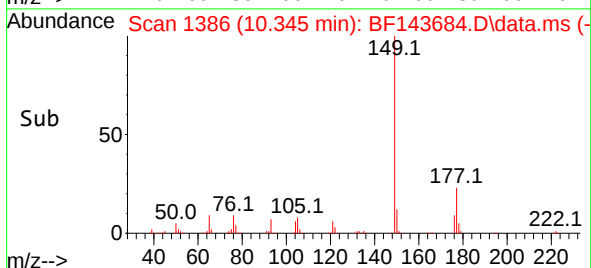
Supervised By :Jagrut Upadhyay 09/10/2025

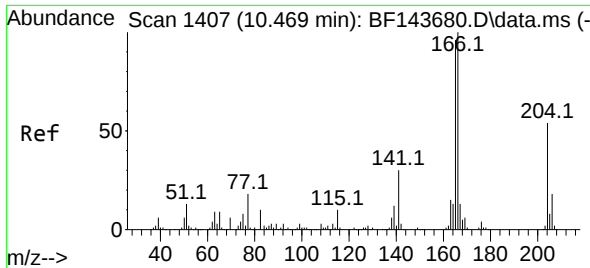


#60
Diethylphthalate
Concen: 41.741 ng
RT: 10.345 min Scan# 1386
Delta R.T. -0.000 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03



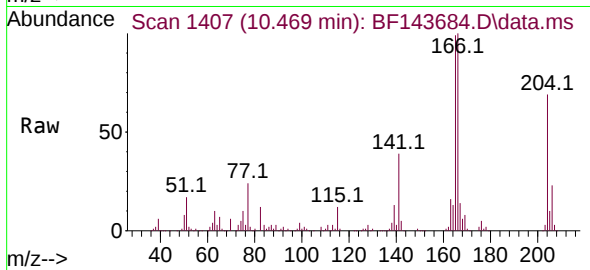
Tgt Ion:149 Resp: 345990
Ion Ratio Lower Upper
149 100
177 23.0 18.2 27.2
150 12.5 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 40.026 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.000 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

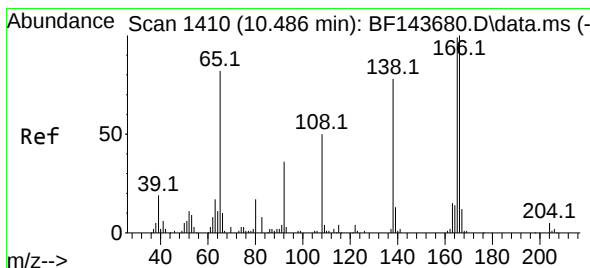
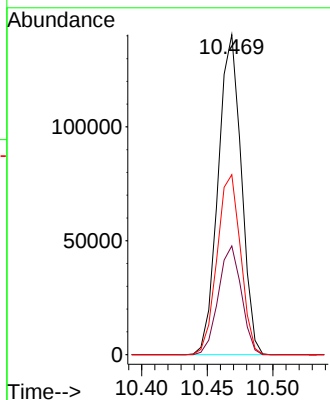
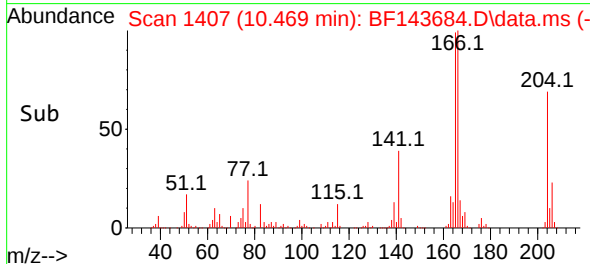
Instrument :
BNA_F
ClientSampleId :
ICVBF091025



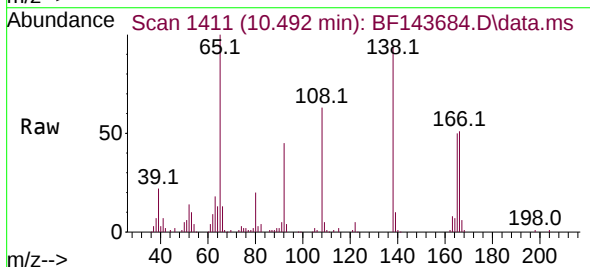
Tgt Ion:204 Resp: 172739
Ion Ratio Lower Upper
204 100
206 34.0 26.0 39.0
141 56.3 44.8 67.2

Manual Integrations
APPROVED

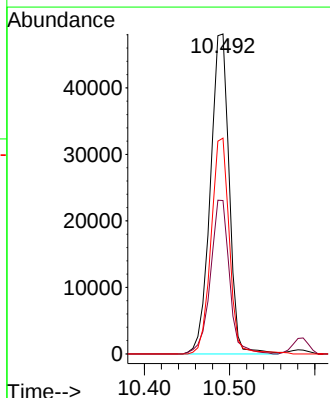
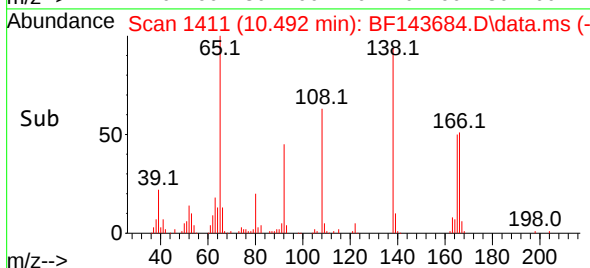
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

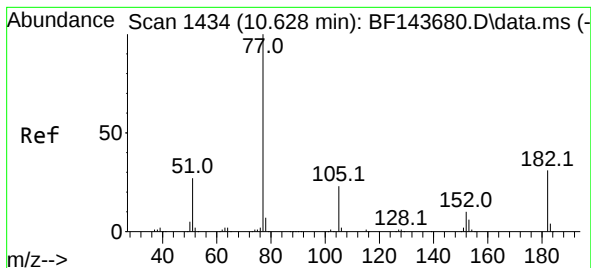


#62
4-Nitroaniline
Concen: 42.828 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03



Tgt Ion:138 Resp: 73690
Ion Ratio Lower Upper
138 100
92 47.9 26.4 66.4
108 67.4 44.3 84.3





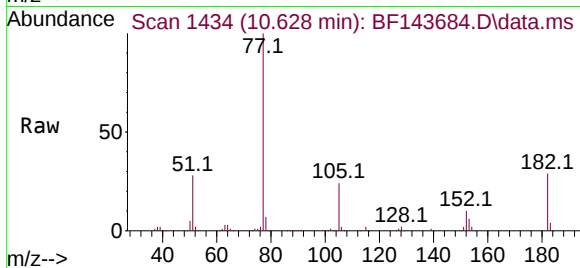
#63
Azobenzene
Concen: 40.703 ng
RT: 10.628 min Scan# 1434
Delta R.T. -0.000 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF091025

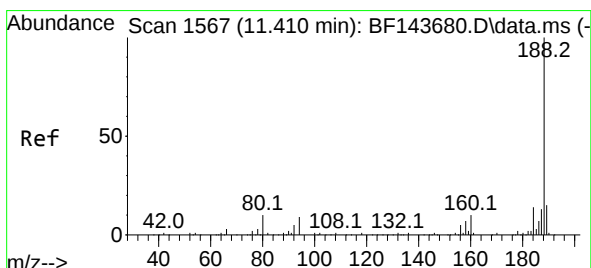
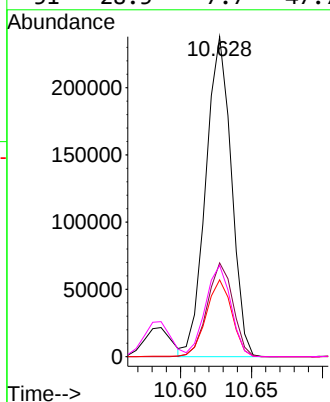
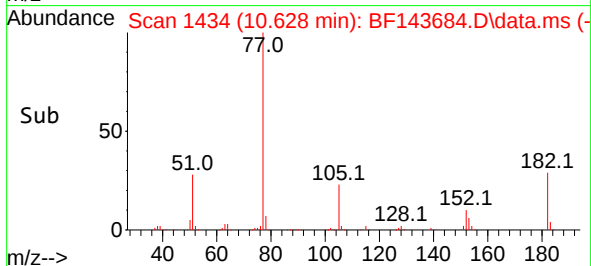


Tgt Ion: 77 Resp: 298272
Ion Ratio Lower Upper
77 100
182 29.3 10.8 50.8
105 24.0 3.2 43.2
51 28.5 7.7 47.7

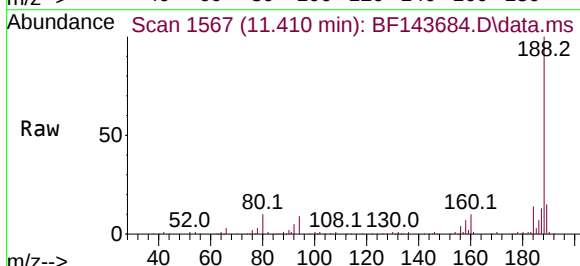
Manual Integrations

APPROVED

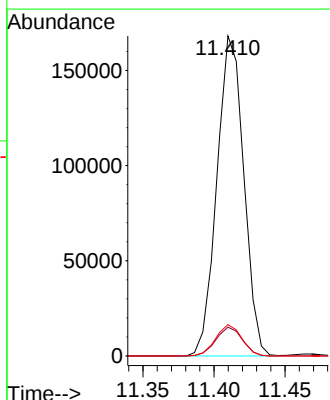
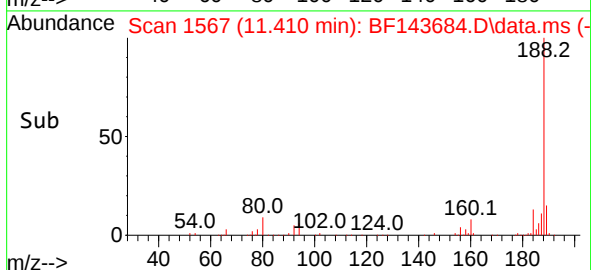
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

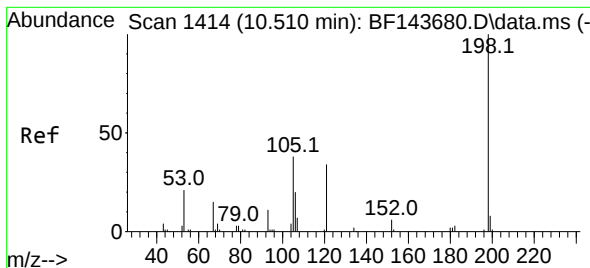


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.000 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03



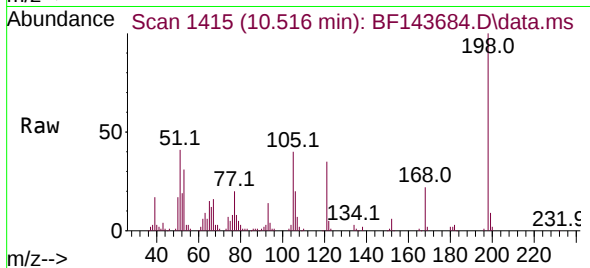
Tgt Ion:188 Resp: 221042
Ion Ratio Lower Upper
188 100
94 9.0 7.4 11.0
80 9.8 7.7 11.5





#65
4,6-Dinitro-2-methylphenol
Concen: 45.613 ng
RT: 10.516 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

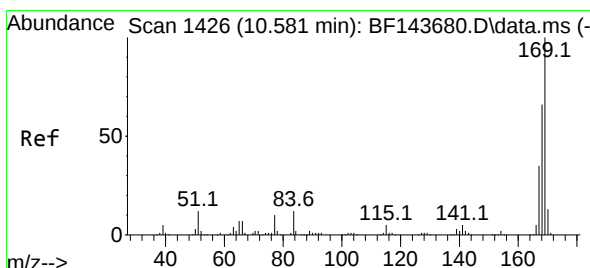
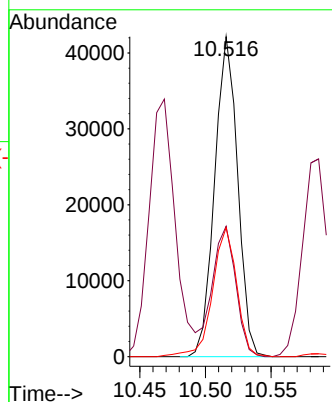
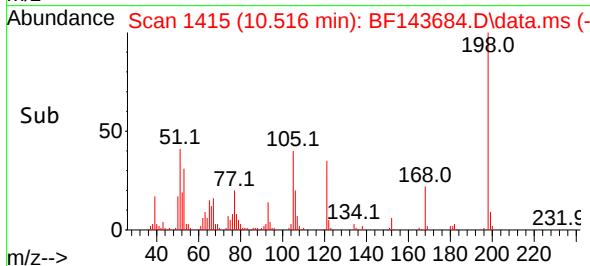
Instrument :
BNA_F
ClientSampleId :
ICVBF091025



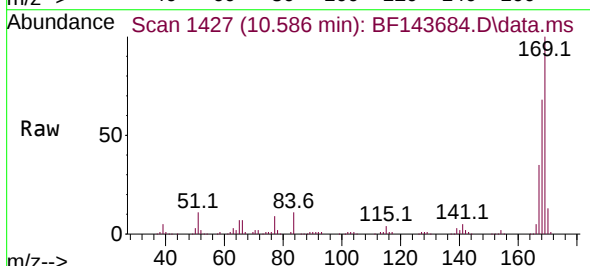
Tgt Ion:198 Resp: 51333
Ion Ratio Lower Upper
198 100
51 40.7 21.2 61.2
105 40.3 19.0 59.0

Manual Integrations
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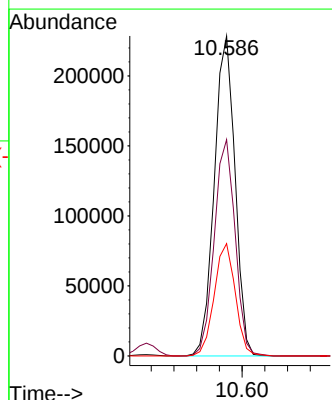
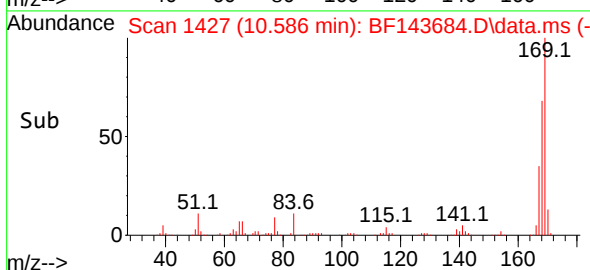
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

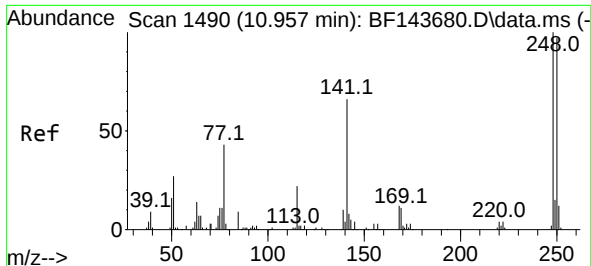


#66
n-Nitrosodiphenylamine
Concen: 39.954 ng
RT: 10.586 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03



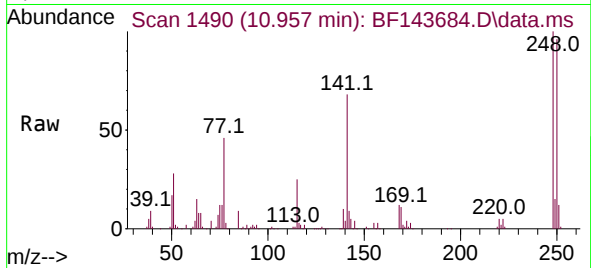
Tgt Ion:169 Resp: 289318
Ion Ratio Lower Upper
169 100
168 67.6 53.0 79.6
167 35.1 28.1 42.1





#67
4-Bromophenyl-phenylether
Concen: 41.055 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.000 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

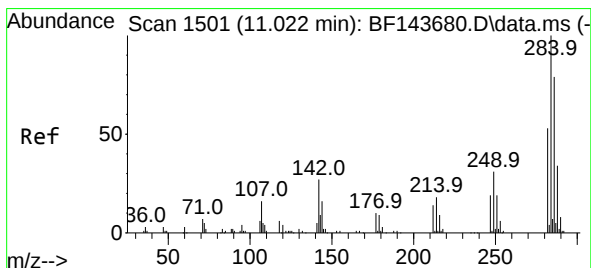
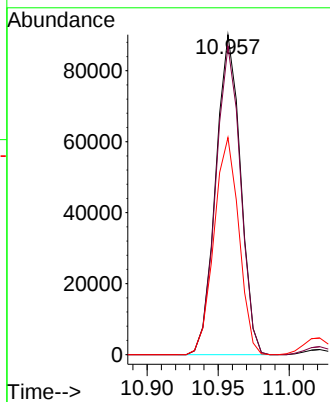
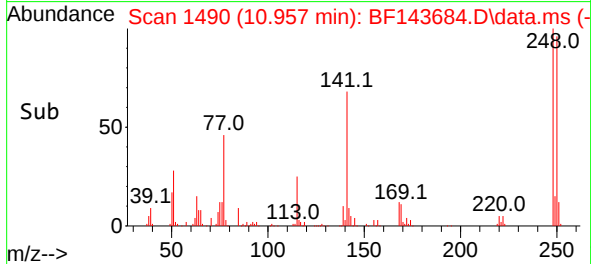
Instrument :
BNA_F
ClientSampleId :
ICVBF091025



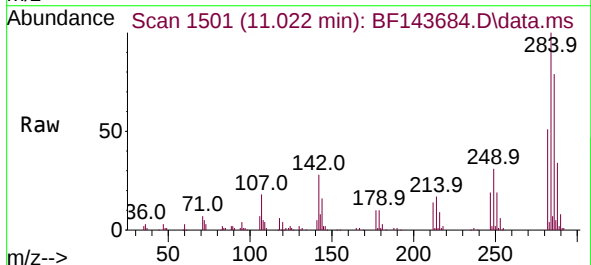
Tgt Ion:248 Resp: 109435
Ion Ratio Lower Upper
248 100
250 96.4 77.5 116.3
141 67.8 52.6 79.0

Manual Integrations
APPROVED

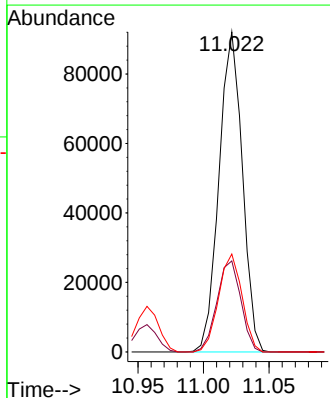
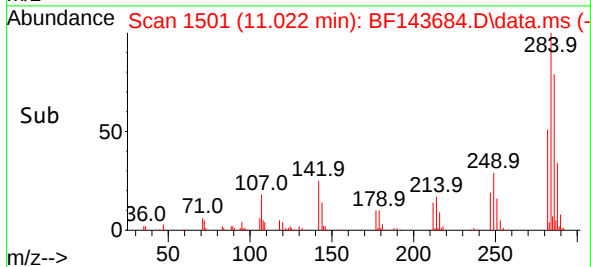
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

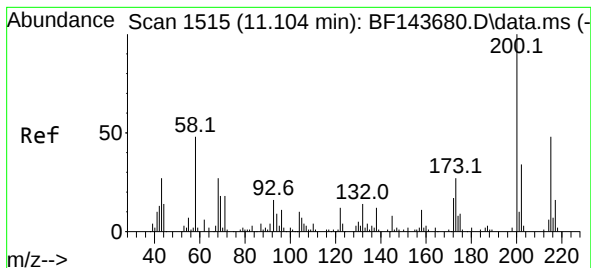


#68
Hexachlorobenzene
Concen: 40.514 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.000 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03



Tgt Ion:284 Resp: 114029
Ion Ratio Lower Upper
284 100
142 28.4 21.3 31.9
249 30.6 25.0 37.4





#69

Atrazine

Concen: 42.253 ng

RT: 11.110 min Scan# 1516

Delta R.T. 0.006 min

Lab File: BF143684.D

Acq: 09 Sep 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF091025

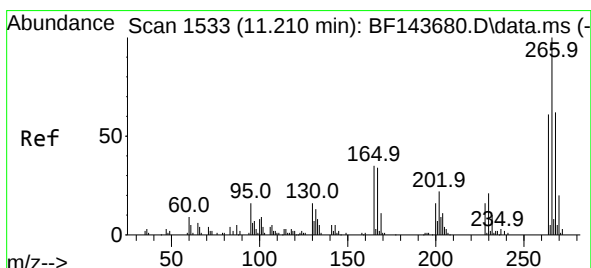
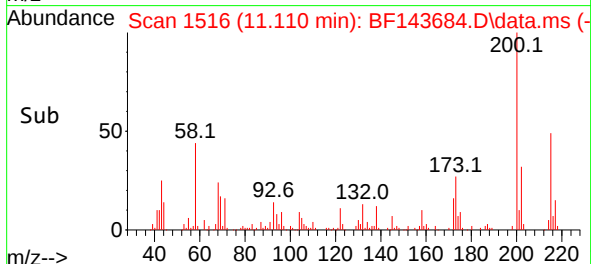
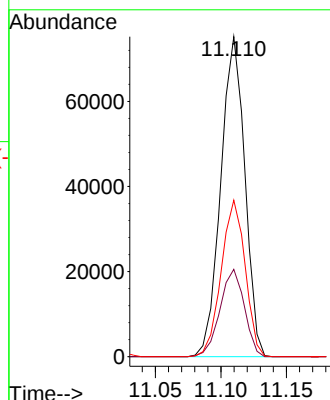
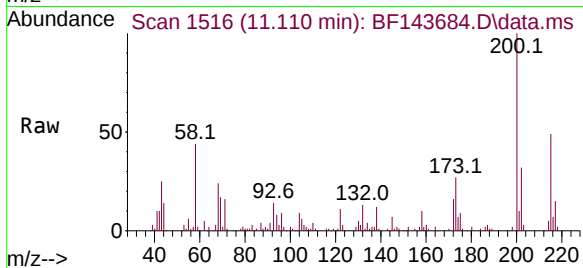
Tgt Ion:200 Resp: 95935
 Ion Ratio Lower Upper
 200 100
 173 27.3 7.3 47.3
 215 48.9 28.5 68.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#70

Pentachlorophenol

Concen: 42.152 ng

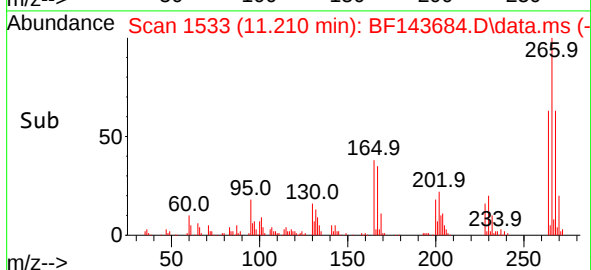
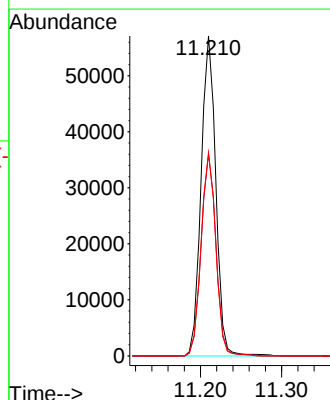
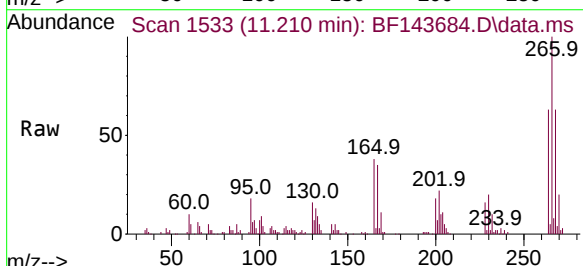
RT: 11.210 min Scan# 1533

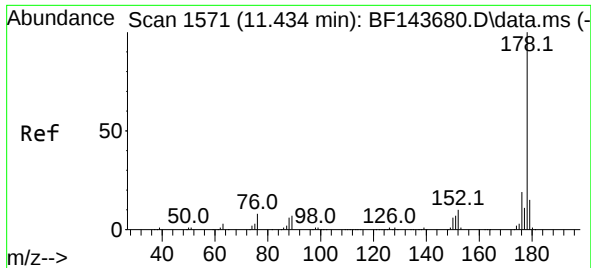
Delta R.T. -0.000 min

Lab File: BF143684.D

Acq: 09 Sep 2025 15:03

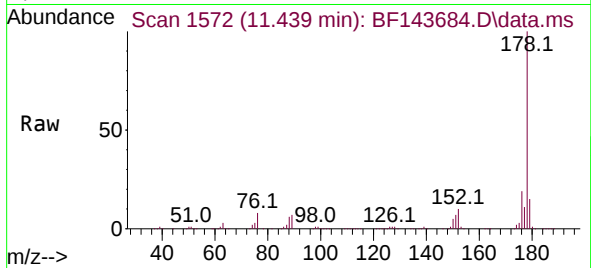
Tgt Ion:266 Resp: 71718
 Ion Ratio Lower Upper
 266 100
 268 63.2 49.2 73.8
 264 63.5 48.6 73.0





#71
Phenanthrene
Concen: 39.953 ng
RT: 11.439 min Scan# 11439
Delta R.T. 0.006 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

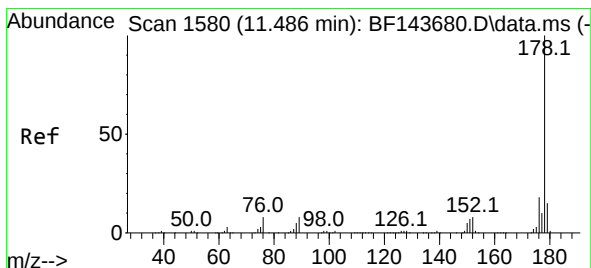
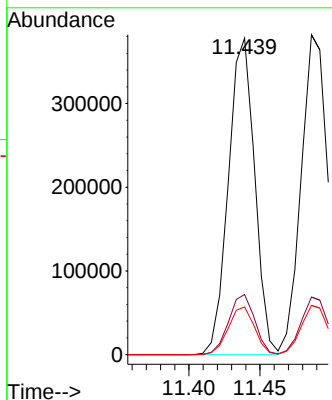
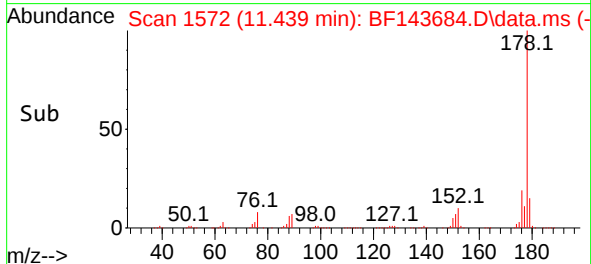
Instrument :
BNA_F
ClientSampleId :
ICVBF091025



Tgt Ion:178 Resp: 486594
Ion Ratio Lower Upper
178 100
176 19.0 14.8 22.2
179 15.0 12.2 18.2

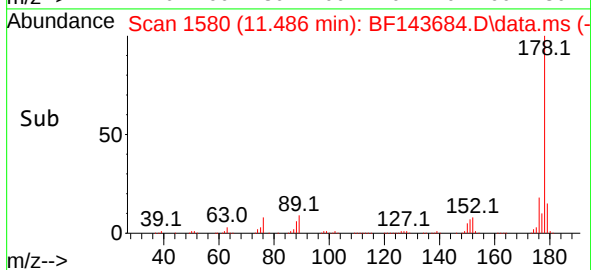
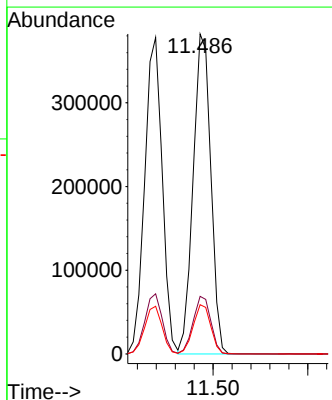
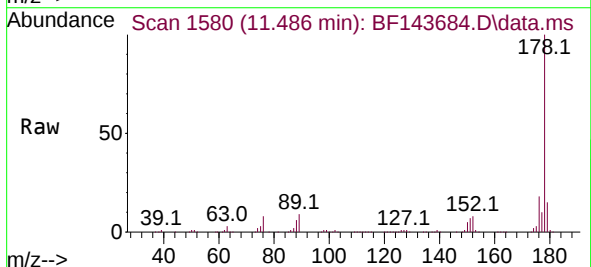
Manual Integrations
APPROVED

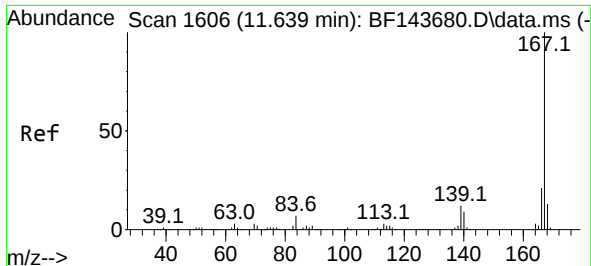
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#72
Anthracene
Concen: 40.318 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

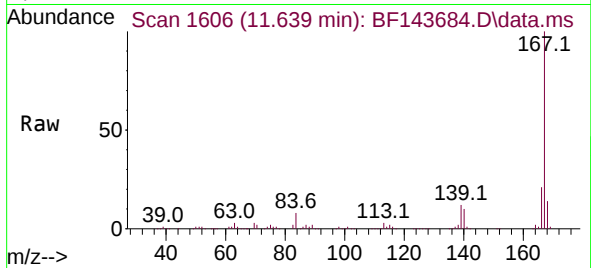
Tgt Ion:178 Resp: 493746
Ion Ratio Lower Upper
178 100
176 18.0 14.5 21.7
179 15.4 12.2 18.2





#73
 Carbazole
 Concen: 40.733 ng
 RT: 11.639 min Scan# 1606
 Delta R.T. -0.000 min
 Lab File: BF143684.D
 Acq: 09 Sep 2025 15:03

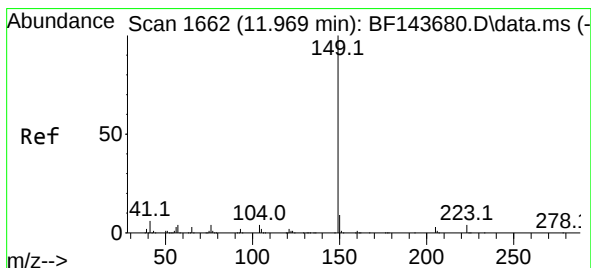
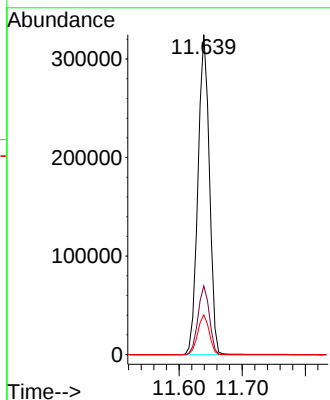
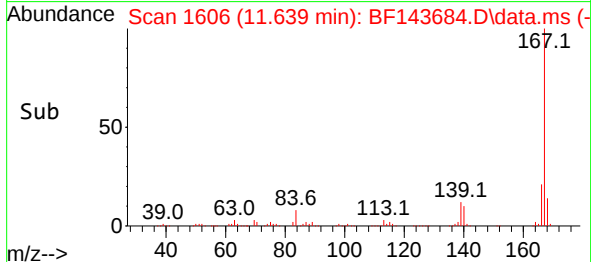
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF091025



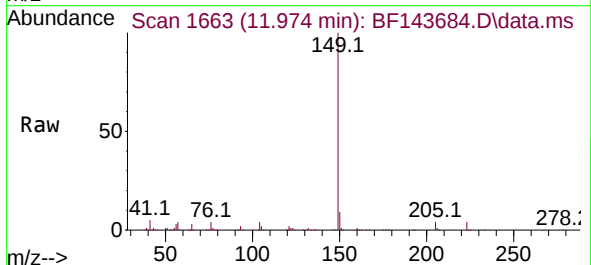
Tgt Ion:167 Resp: 408521
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.0 25.4
 139 12.4 9.7 14.5

Manual Integrations
 APPROVED

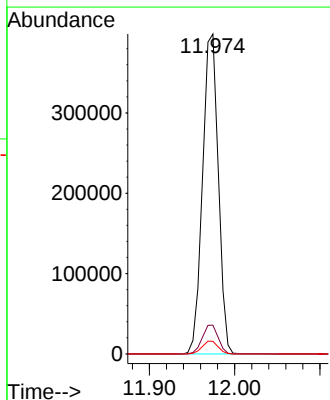
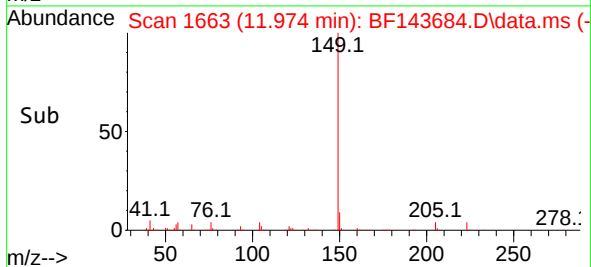
Reviewed By :Rahul Chavli 09/10/2025
 Supervised By :Jagrut Upadhyay 09/10/2025

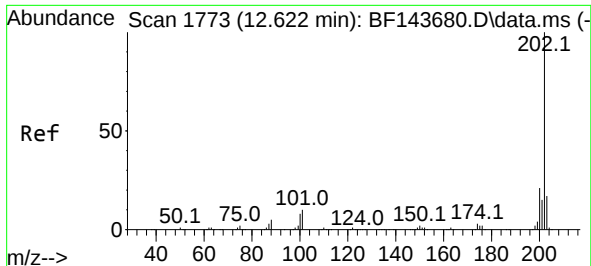


#74
 Di-n-butylphthalate
 Concen: 42.390 ng
 RT: 11.974 min Scan# 1663
 Delta R.T. 0.006 min
 Lab File: BF143684.D
 Acq: 09 Sep 2025 15:03



Tgt Ion:149 Resp: 511838
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.3 10.9
 104 3.9 3.3 4.9





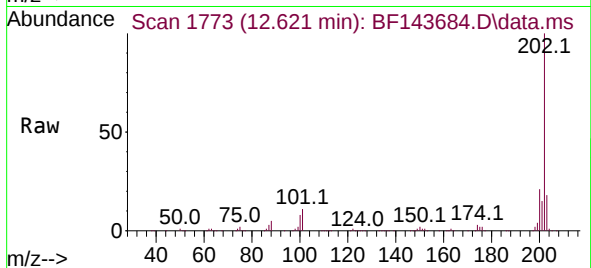
#75
Fluoranthene
Concen: 39.624 ng
RT: 12.621 min Scan# 1773
Delta R.T. -0.000 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF091025



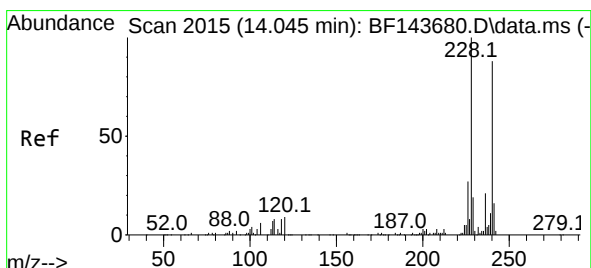
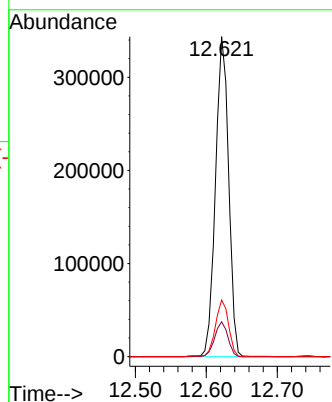
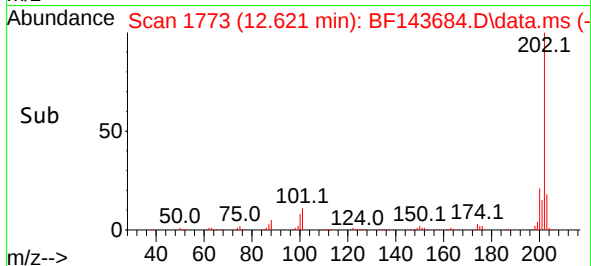
Tgt Ion:202 Resp: 443018
Ion Ratio Lower Upper
202 100
101 10.9 0.0 30.5
203 17.7 0.0 37.1

Manual Integrations

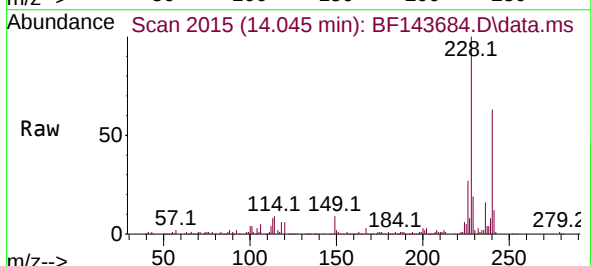
APPROVED

Reviewed By :Rahul Chavli 09/10/2025

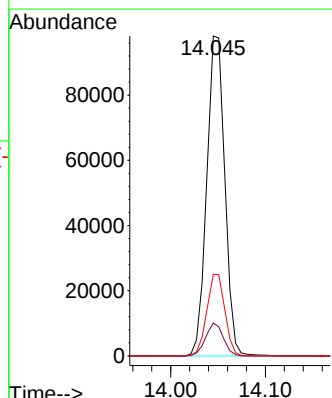
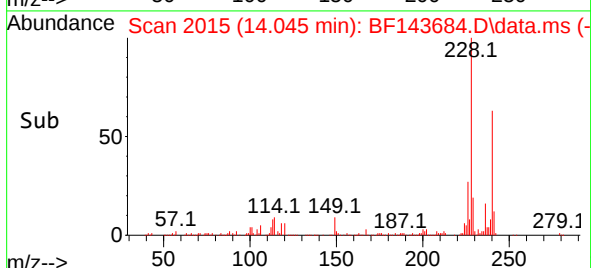
Supervised By :Jagrut Upadhyay 09/10/2025

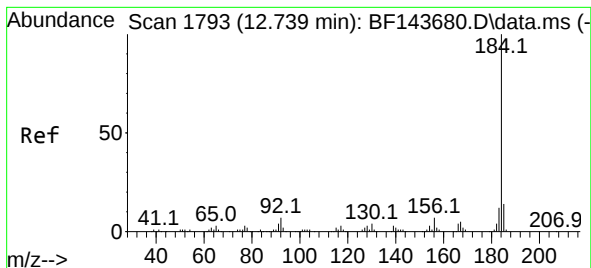


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03



Tgt Ion:240 Resp: 130232
Ion Ratio Lower Upper
240 100
120 10.3 8.4 12.6
236 25.5 18.6 28.0





#77

Benzidine

Concen: 38.581 ng

RT: 12.739 min Scan# 1793

Delta R.T. -0.000 min

Lab File: BF143684.D

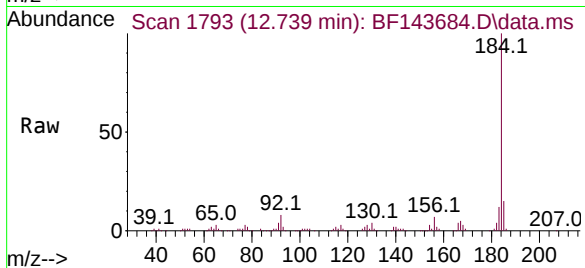
Acq: 09 Sep 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF091025



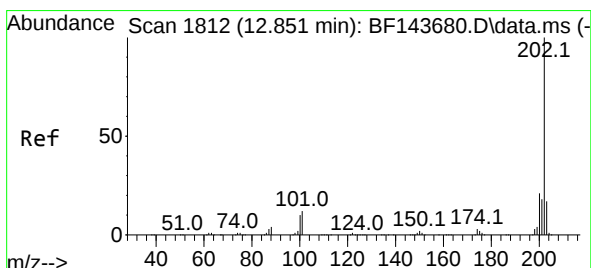
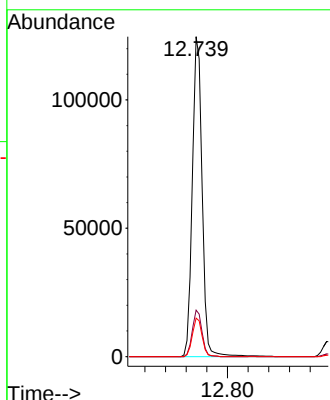
Tgt Ion:184	Resp: 16384
Ion Ratio	Lower Upper
184	100
185	14.5 11.5 17.3
183	12.0 9.4 14.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#78

Pyrene

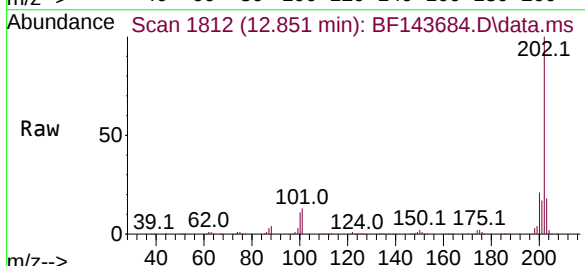
Concen: 42.831 ng

RT: 12.851 min Scan# 1812

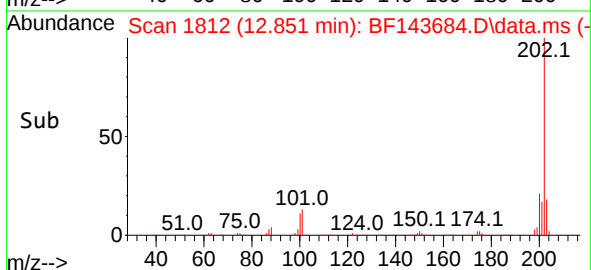
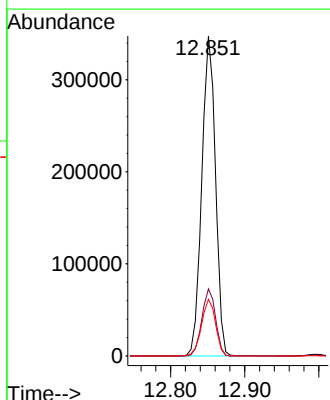
Delta R.T. -0.000 min

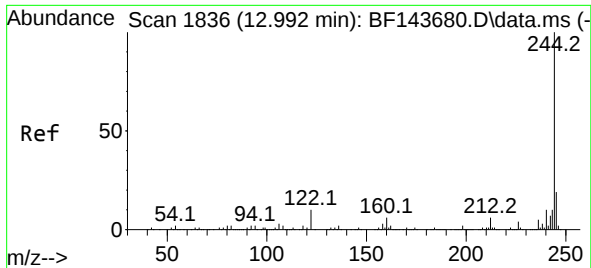
Lab File: BF143684.D

Acq: 09 Sep 2025 15:03



Tgt Ion:202	Resp: 445986
Ion Ratio	Lower Upper
202	100
200	20.9 16.6 24.8
203	17.7 13.5 20.3





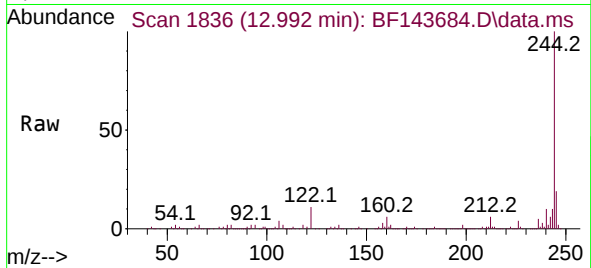
#79
 Terphenyl-d14
 Concen: 84.903 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. -0.000 min
 Lab File: BF143684.D
 Acq: 09 Sep 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF091025



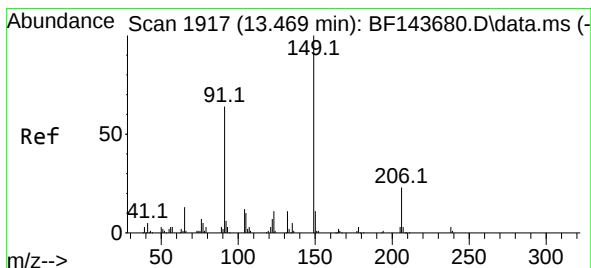
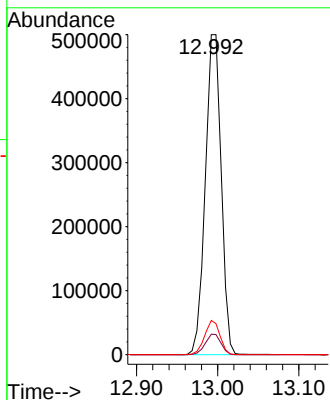
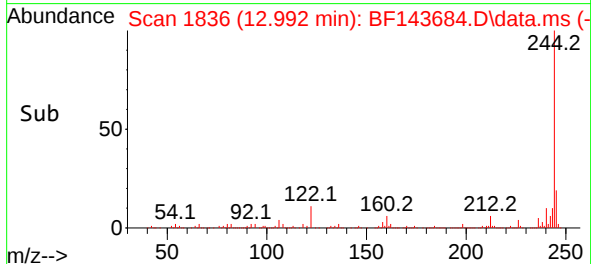
Tgt Ion:244 Resp: 682319
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.6
 122 10.7 7.9 11.9

Manual Integrations

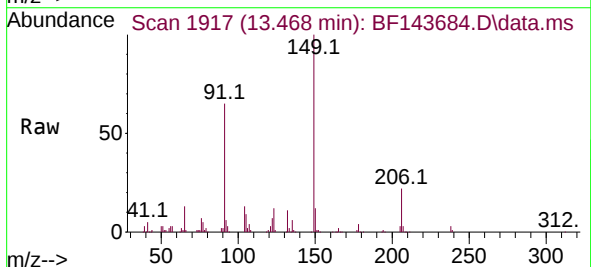
APPROVED

Reviewed By :Rahul Chavli 09/10/2025

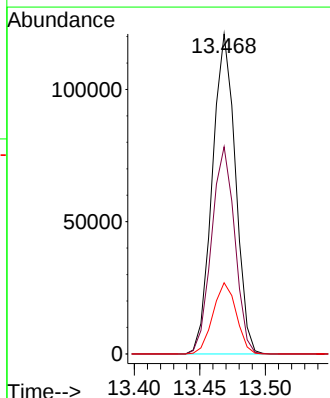
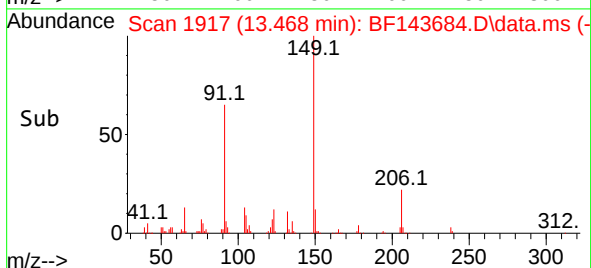
Supervised By :Jagrut Upadhyay 09/10/2025

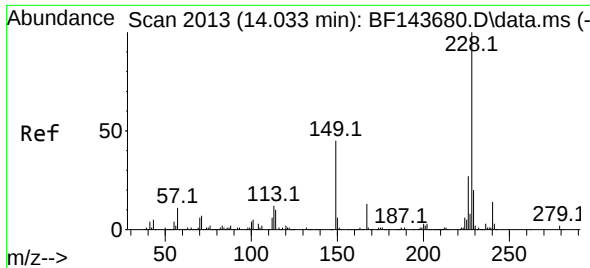


#80
 Butylbenzylphthalate
 Concen: 45.475 ng
 RT: 13.468 min Scan# 1917
 Delta R.T. -0.000 min
 Lab File: BF143684.D
 Acq: 09 Sep 2025 15:03



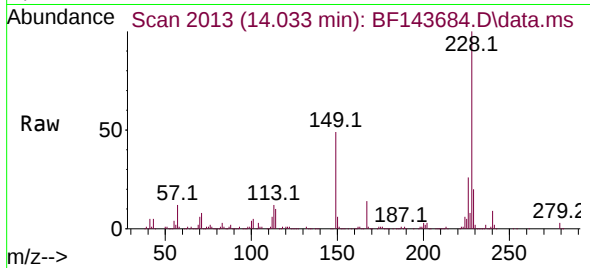
Tgt Ion:149 Resp: 148362
 Ion Ratio Lower Upper
 149 100
 91 64.7 50.9 76.3
 206 22.2 18.2 27.2





#81
Benzo(a)anthracene
Concen: 42.144 ng
RT: 14.033 min Scan# 2013
Delta R.T. -0.000 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

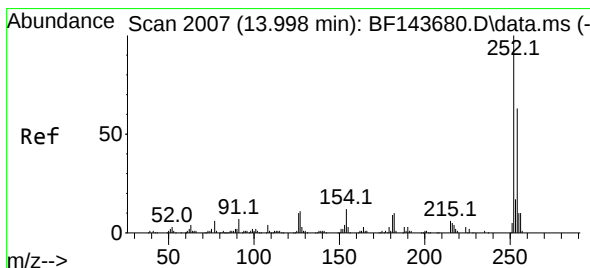
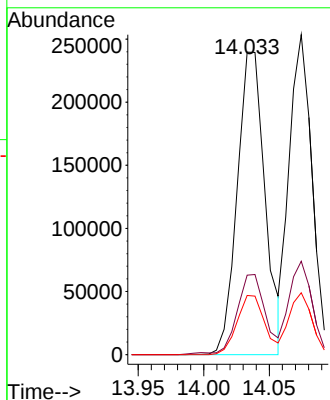
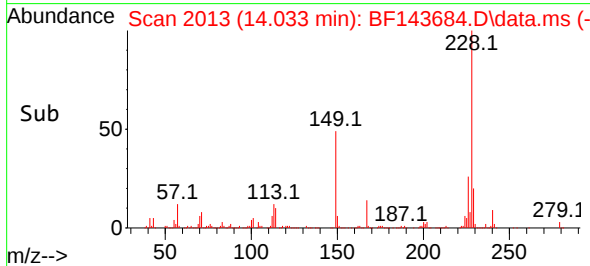
Instrument : BNA_F
ClientSampleId : ICVBF091025



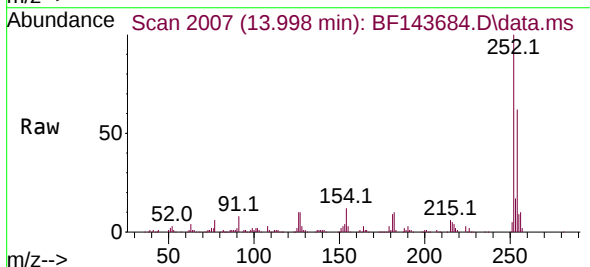
Tgt Ion:228 Resp: 353094
Ion Ratio Lower Upper
228 100
226 26.3 21.6 32.4
229 19.5 15.7 23.5

Manual Integrations
APPROVED

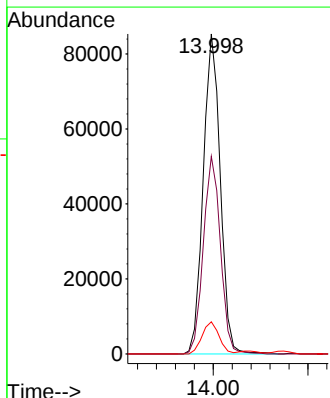
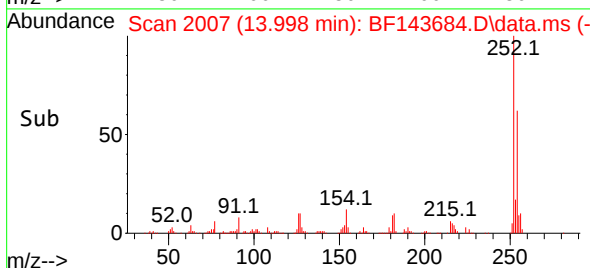
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

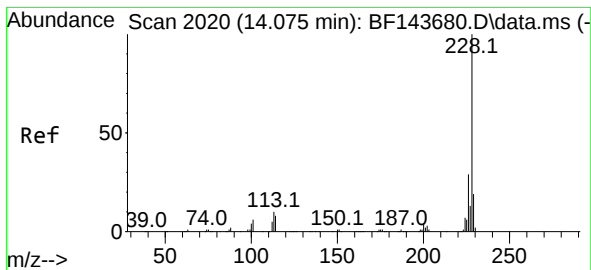


#82
3,3'-Dichlorobenzidine
Concen: 41.406 ng
RT: 13.998 min Scan# 2007
Delta R.T. -0.000 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03



Tgt Ion:252 Resp: 106725
Ion Ratio Lower Upper
252 100
254 61.7 50.5 75.7
126 10.0 8.2 12.4





#83

Chrysene

Concen: 40.060 ng

RT: 14.074 min Scan# 2020

Delta R.T. -0.000 min

Lab File: BF143684.D

Acq: 09 Sep 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF091025

Tgt Ion:228 Resp: 30740

Ion Ratio Lower Upper

228 100

226 29.2 22.7 34.1

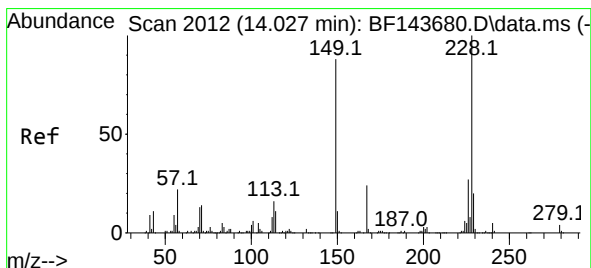
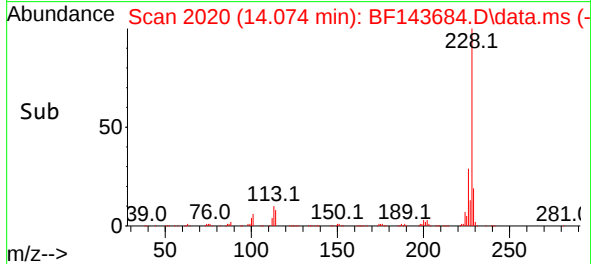
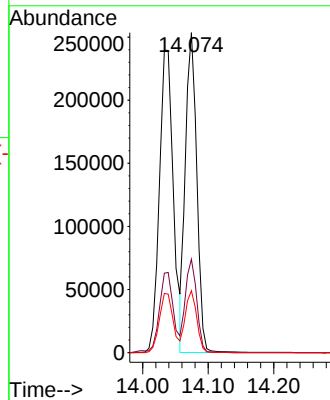
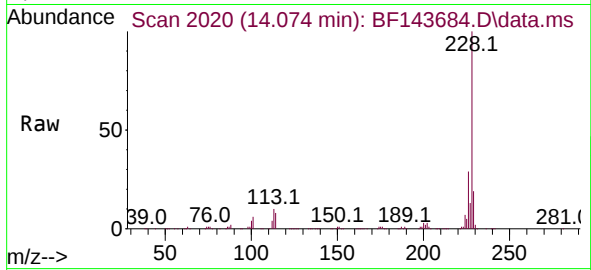
229 19.3 15.1 22.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.777 ng

RT: 14.027 min Scan# 2012

Delta R.T. -0.000 min

Lab File: BF143684.D

Acq: 09 Sep 2025 15:03

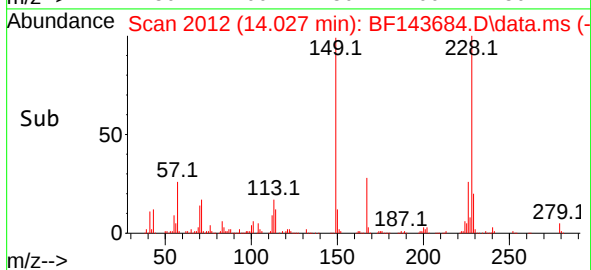
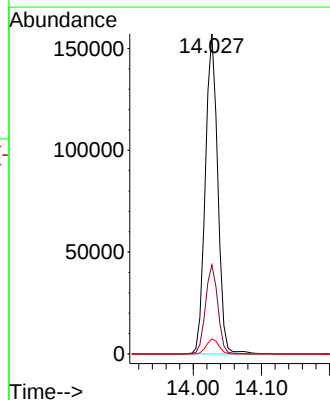
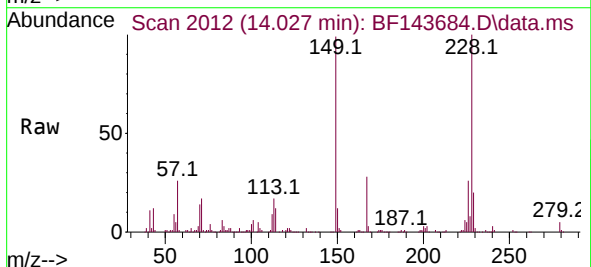
Tgt Ion:149 Resp: 199124

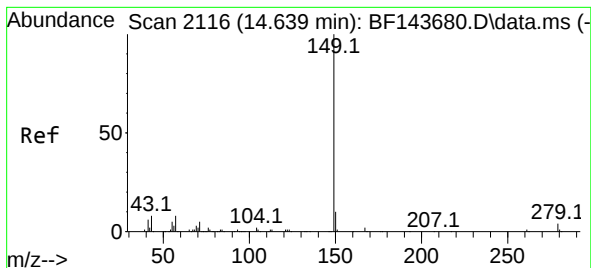
Ion Ratio Lower Upper

149 100

167 27.8 22.2 33.2

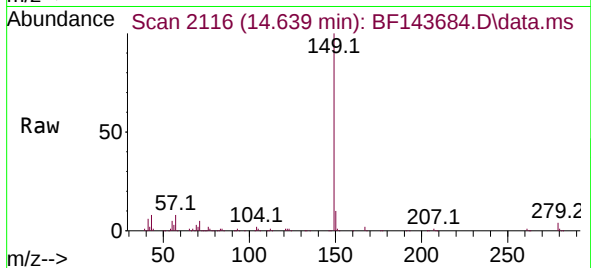
279 4.7 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 39.614 ng
RT: 14.639 min Scan# 2116
Delta R.T. -0.000 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

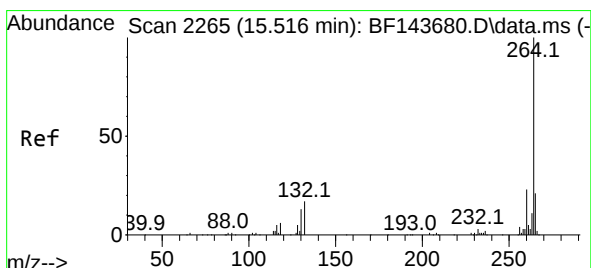
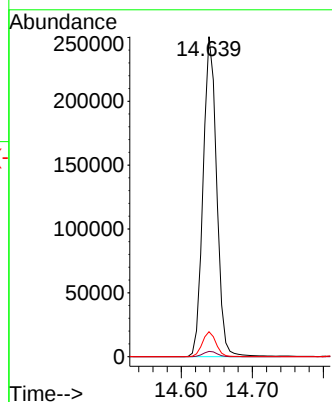
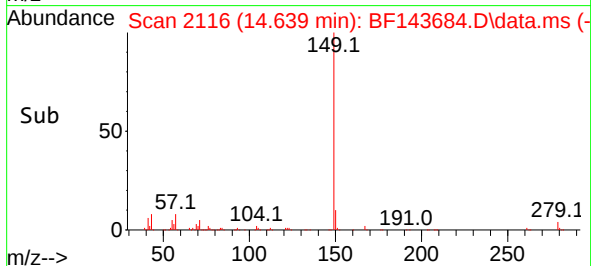
Instrument :
BNA_F
ClientSampleId :
ICVBF091025



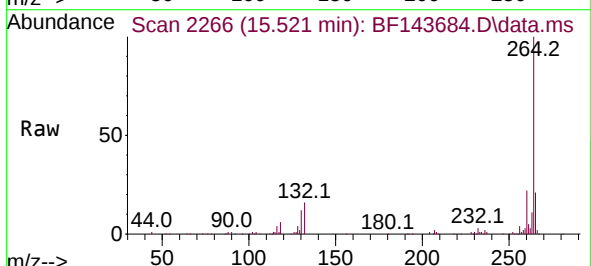
Tgt Ion:149 Resp: 33044
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 7.8 6.2 9.2

Manual Integrations
APPROVED

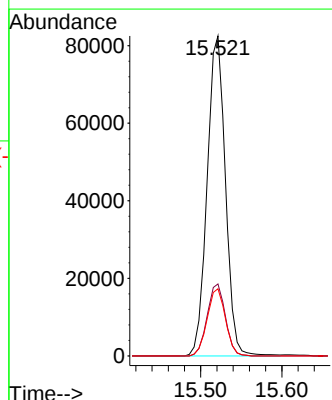
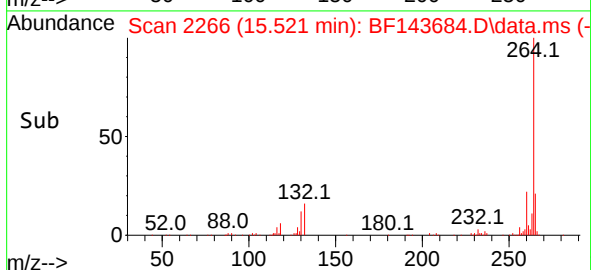
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

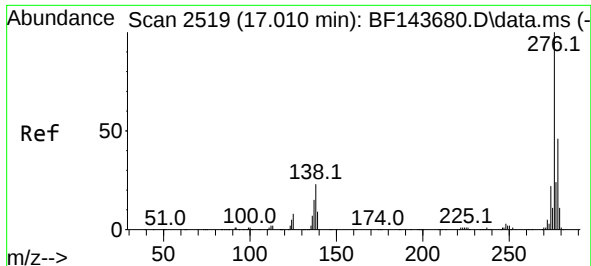


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2266
Delta R.T. 0.006 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03



Tgt Ion:264 Resp: 129310
Ion Ratio Lower Upper
264 100
260 22.5 18.4 27.6
265 21.0 17.1 25.7





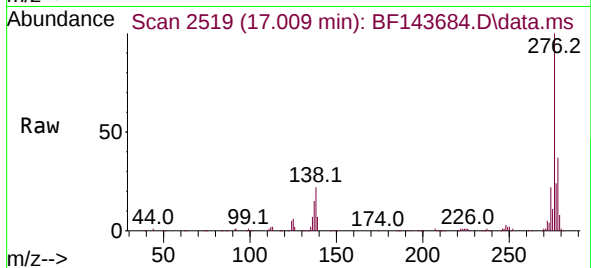
#87
Indeno(1,2,3-cd)pyrene
Concen: 39.694 ng
RT: 17.009 min Scan# 2519
Delta R.T. -0.000 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF091025

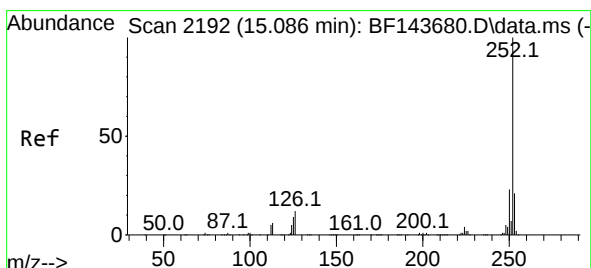
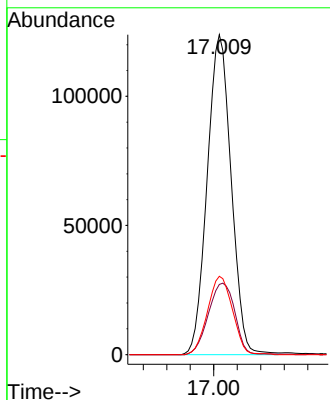
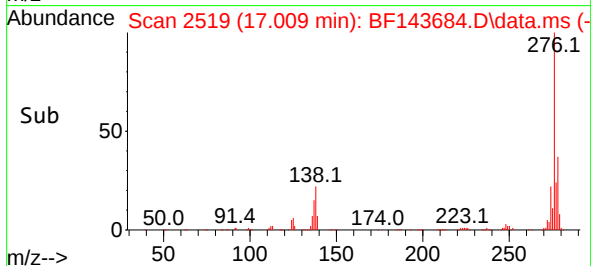


Tgt Ion:276 Resp: 350300
Ion Ratio Lower Upper
276 100
138 24.6 19.7 29.5
277 25.5 20.2 30.2

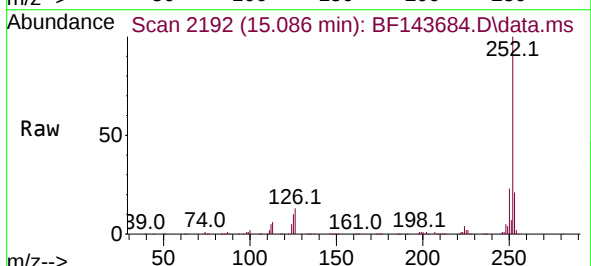
Manual Integrations

APPROVED

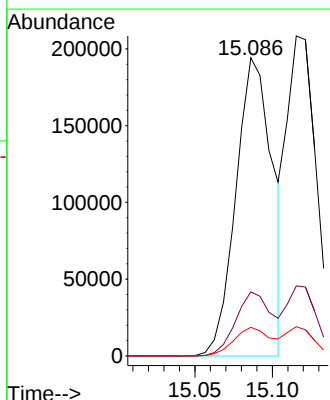
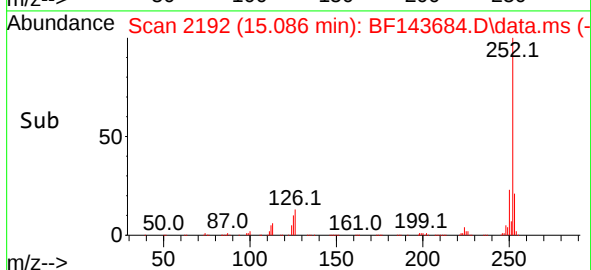
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

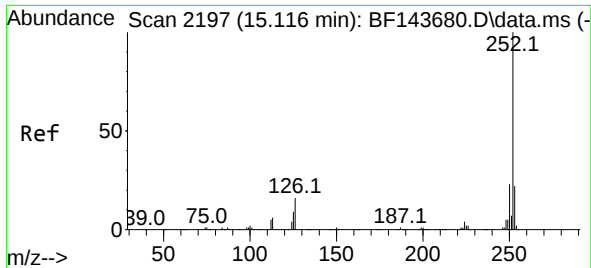


#88
Benzo(b)fluoranthene
Concen: 41.467 ng
RT: 15.086 min Scan# 2192
Delta R.T. -0.000 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03



Tgt Ion:252 Resp: 319200
Ion Ratio Lower Upper
252 100
253 21.4 17.0 25.4
125 9.6 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 40.107 ng

RT: 15.115 min Scan# 2197

Delta R.T. -0.000 min

Lab File: BF143684.D

Acq: 09 Sep 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF091025

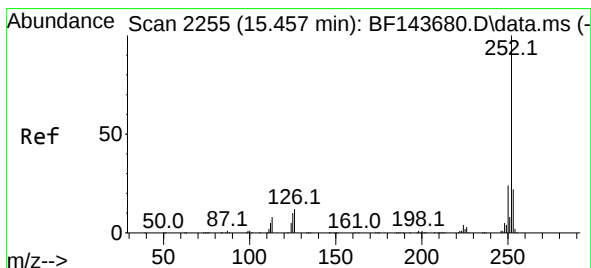
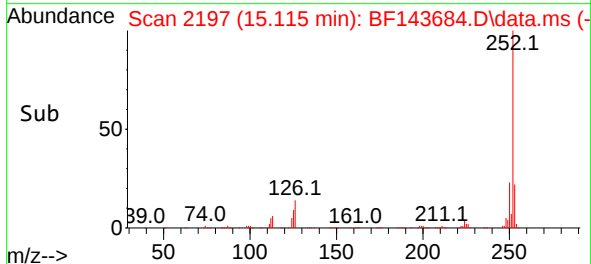
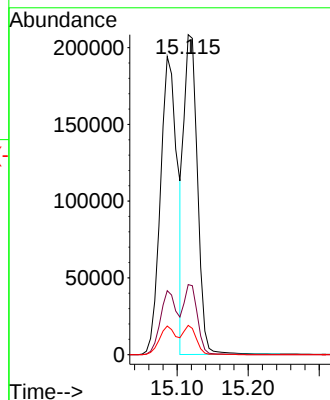
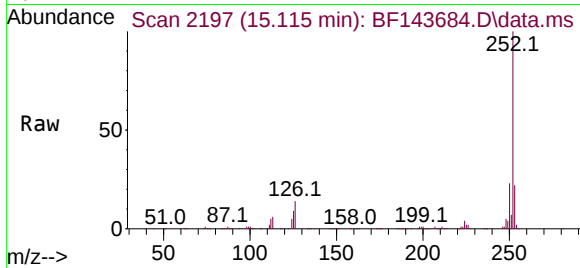
Tgt Ion:252 Resp: 278625
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.3 25.9
 125 9.1 7.3 10.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#90

Benzo(a)pyrene

Concen: 41.333 ng

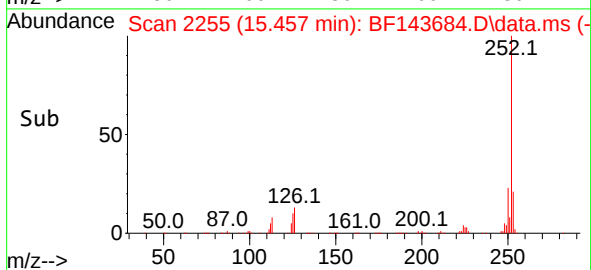
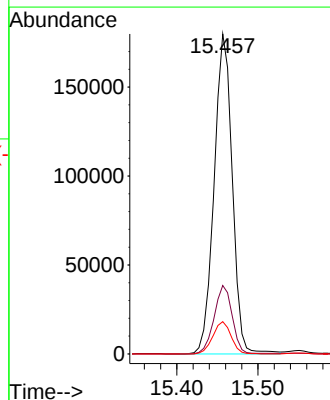
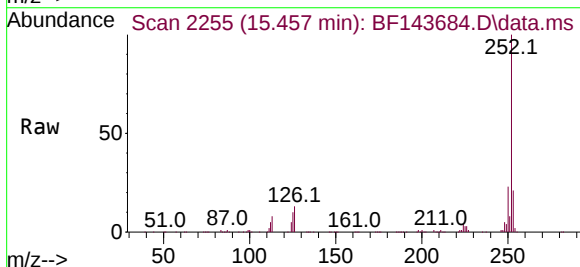
RT: 15.457 min Scan# 2255

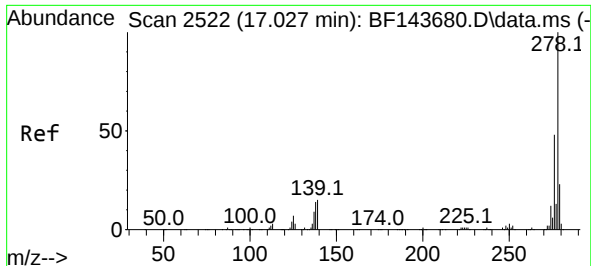
Delta R.T. -0.000 min

Lab File: BF143684.D

Acq: 09 Sep 2025 15:03

Tgt Ion:252 Resp: 279518
 Ion Ratio Lower Upper
 252 100
 253 21.4 17.4 26.0
 125 10.1 8.2 12.4





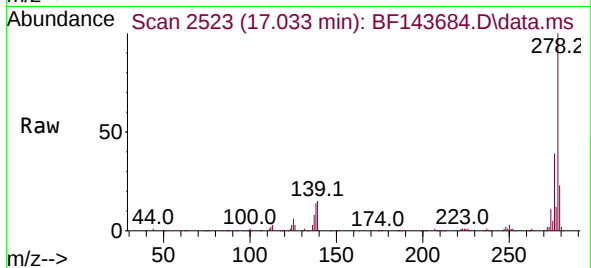
#91
Dibenzo(a,h)anthracene
Concen: 40.249 ng
RT: 17.033 min Scan# 2522
Delta R.T. 0.006 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF091025



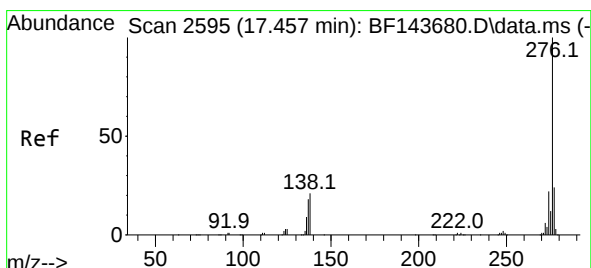
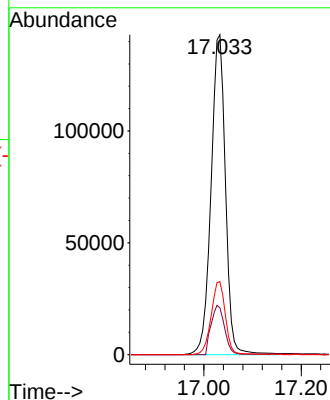
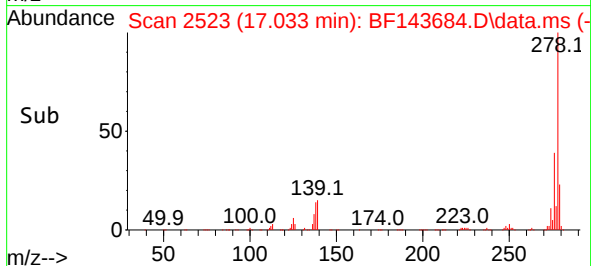
Tgt Ion:278 Resp: 294700
Ion Ratio Lower Upper
278 100
139 14.6 12.2 18.4
279 22.9 18.7 28.1

Manual Integrations

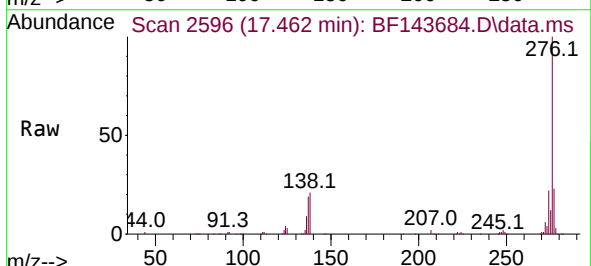
APPROVED

Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#92
Benzo(g,h,i)perylene
Concen: 39.645 ng
RT: 17.462 min Scan# 2596
Delta R.T. 0.006 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03



Tgt Ion:276 Resp: 271515
Ion Ratio Lower Upper
276 100
277 23.3 19.2 28.8
138 20.9 17.0 25.4

