

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
 Data File : BF143799.D
 Acq On : 23 Sep 2025 17:42
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF092325

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/24/2025
 Supervised By :Jagrut Upadhyay 09/24/2025

Quant Time: Sep 23 18:09:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 23 17:50:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	109221	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	390323	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	191064	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	302827	20.000	ng	0.00
76) Chrysene-d12	14.057	240	375572	20.000	ng	0.00
86) Perylene-d12	15.533	264	528363	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	587541	86.573	ng	0.00
7) Phenol-d6	6.504	99	655490	81.847	ng	0.00
23) Nitrobenzene-d5	7.445	82	563159	90.799	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	260676	95.600	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1032314	79.843	ng	0.00
79) Terphenyl-d14	12.998	244	1544756	80.752	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.628	88	140442	43.647	ng	99
3) Pyridine	3.399	79	373668	43.022	ng	99
4) n-Nitrosodimethylamine	3.340	42	184836	42.441	ng	99
6) Aniline	6.546	93	468886	41.592	ng	99
8) 2-Chlorophenol	6.669	128	292186	42.456	ng	99
9) Benzaldehyde	6.440	77	317430	46.667	ng	96
10) Phenol	6.516	94	378799m	41.956	ng	
11) bis(2-Chloroethyl)ether	6.616	93	296472	41.891	ng	99
12) 1,3-Dichlorobenzene	6.828	146	337770	42.271	ng	100
13) 1,4-Dichlorobenzene	6.904	146	333799	41.859	ng	99
14) 1,2-Dichlorobenzene	7.057	146	315213	41.736	ng	99
15) Benzyl Alcohol	7.022	79	238857	42.558	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	702630	41.868	ng	100
17) 2-Methylphenol	7.128	107	225398	42.304	ng	99
18) Hexachloroethane	7.398	117	120246	42.878	ng	99
19) n-Nitroso-di-n-propyla...	7.293	70	198845	39.810	ng	99
20) 3+4-Methylphenols	7.281	107	283024	43.619	ng	99
22) Acetophenone	7.293	105	355985	41.524	ng	99
24) Nitrobenzene	7.463	77	308041	43.582	ng	99
25) Isophorone	7.704	82	519134	41.778	ng	99
26) 2-Nitrophenol	7.781	139	127397	44.135	ng	98
27) 2,4-Dimethylphenol	7.810	122	237292	42.725	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	334704	41.459	ng	100
29) 2,4-Dichlorophenol	8.016	162	234561	42.921	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	240436	42.395	ng	99
31) Naphthalene	8.193	128	785137	42.019	ng	100
32) Benzoic acid	7.893	122	117697	43.922	ng	96
33) 4-Chloroaniline	8.234	127	275488	41.955	ng	99
34) Hexachlorobutadiene	8.310	225	179313	42.413	ng	100
35) Caprolactam	8.587	113	61486	44.018	ng	97
36) 4-Chloro-3-methylphenol	8.704	107	217750	42.485	ng	96
37) 2-Methylnaphthalene	8.881	142	496707	41.689	ng	99
38) 1-Methylnaphthalene	8.981	142	478612	41.968	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	242106	41.989	ng	99
41) Hexachlorocyclopentadiene	9.034	237	160009	43.786	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	162537	45.018	ng	98

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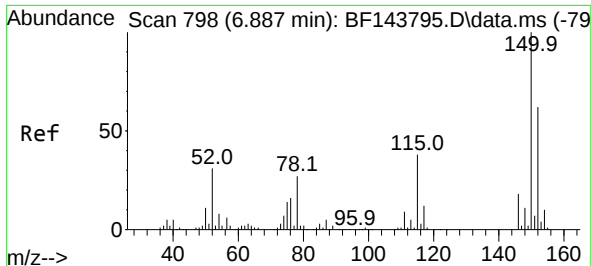
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	159783	42.310	ng	100
46) 1,1'-Biphenyl	9.345	154	570562	41.254	ng	99
47) 2-Chloronaphthalene	9.369	162	457929	41.133	ng	99
48) 2-Nitroaniline	9.463	65	161814	48.090	ng	99
49) Acenaphthylene	9.787	152	647976	42.279	ng	99
50) Dimethylphthalate	9.639	163	496374	42.624	ng	99
51) 2,6-Dinitrotoluene	9.704	165	92326	48.254	ng	99
52) Acenaphthene	9.957	154	422277	41.869	ng	100
53) 3-Nitroaniline	9.869	138	110544	47.665	ng	96
54) 2,4-Dinitrophenol	9.975	184	28355	46.217	ng	# 69
55) Dibenzofuran	10.128	168	602575	42.251	ng	100
56) 4-Nitrophenol	10.016	139	85715	45.864	ng	96
57) 2,4-Dinitrotoluene	10.104	165	126090	44.618	ng	99
58) Fluorene	10.475	166	446712	42.132	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	149133	46.097	ng	99
60) Diethylphthalate	10.345	149	470914	43.199	ng	99
61) 4-Chlorophenyl-phenylether	10.463	204	227995	42.203	ng	100
62) 4-Nitroaniline	10.481	138	104533	47.936	ng	98
63) Azobenzene	10.622	77	491364	42.769	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	49519	45.452	ng	94
66) n-Nitrosodiphenylamine	10.581	169	413097	41.480	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	221312	42.884	ng	98
68) Hexachlorobenzene	11.022	284	303404	42.661	ng	99
69) Atrazine	11.104	200	130018	45.083	ng	99
70) Pentachlorophenol	11.210	266	163934	46.307	ng	99
71) Phenanthrene	11.439	178	657630	42.299	ng	100
72) Anthracene	11.486	178	674513	43.252	ng	99
73) Carbazole	11.639	167	601493	44.114	ng	100
74) Di-n-butylphthalate	11.975	149	724195	46.182	ng	100
75) Fluoranthene	12.628	202	719722	46.027	ng	100
77) Benzidine	12.751	184	368236	40.236	ng	99
78) Pyrene	12.857	202	759210	41.117	ng	100
80) Butylbenzylphthalate	13.475	149	298166	46.674	ng	99
81) Benzo(a)anthracene	14.045	228	833201	41.296	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	373433	42.723	ng	99
83) Chrysene	14.080	228	799482	43.791	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	427966	45.704	ng	97
85) Di-n-octyl phthalate	14.651	149	756048	44.512	ng	99
87) Indeno(1,2,3-cd)pyrene	17.027	276	1728261	43.111	ng	99
88) Benzo(b)fluoranthene	15.098	252	1234859	45.894	ng	100
89) Benzo(k)fluoranthene	15.133	252	1105146	40.882	ng	99
90) Benzo(a)pyrene	15.474	252	1093771	43.246	ng	100
91) Dibenzo(a,h)anthracene	17.051	278	1422887	43.395	ng	99
92) Benzo(g,h,i)perylene	17.480	276	1366956	43.247	ng	100

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

Manual Integrations

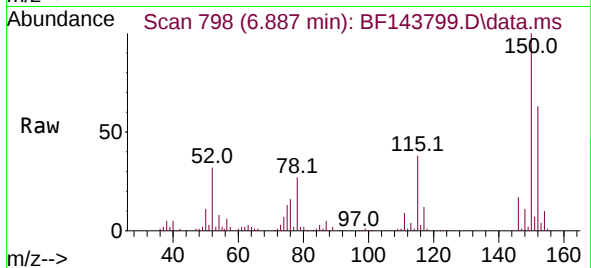
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

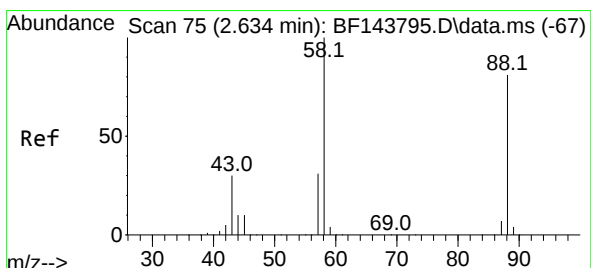
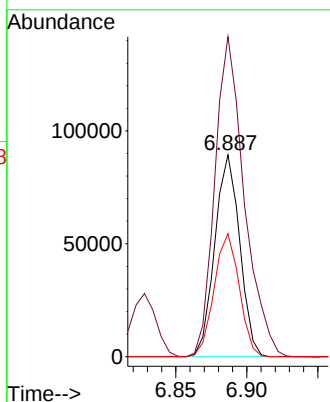
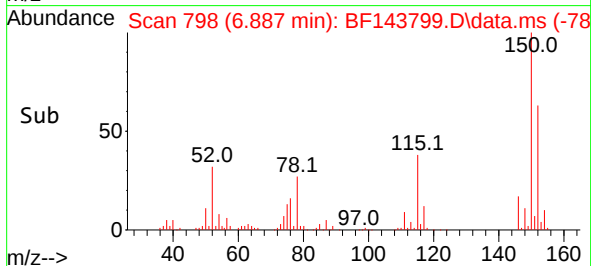
Instrument :
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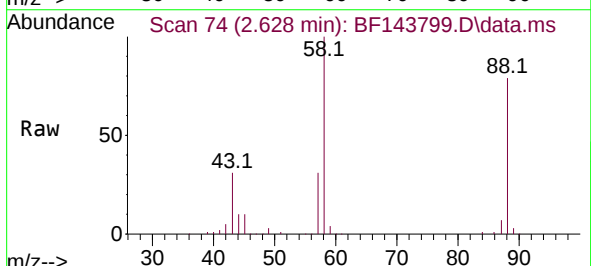
Tgt Ion:152 Resp: 10922
Ion Ratio Lower Upper
152 100
150 158.7 129.6 194.4
115 61.0 49.0 73.4

Manual Integrations
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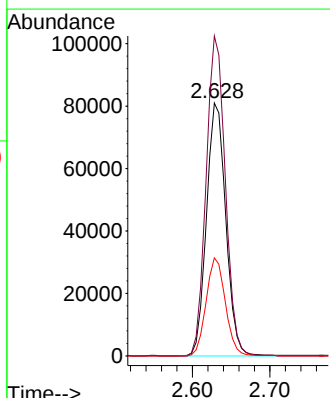
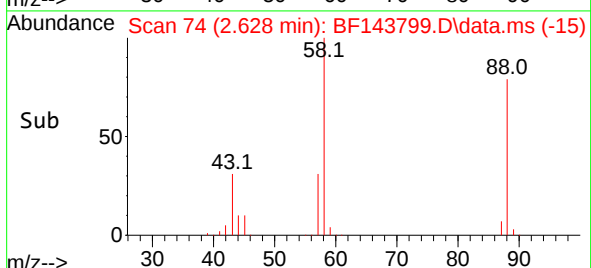
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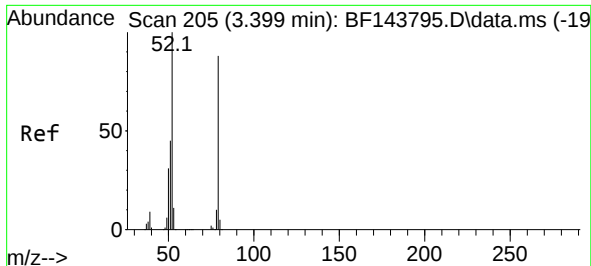


#2
1,4-Dioxane
Concen: 43.647 ng
RT: 2.628 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42



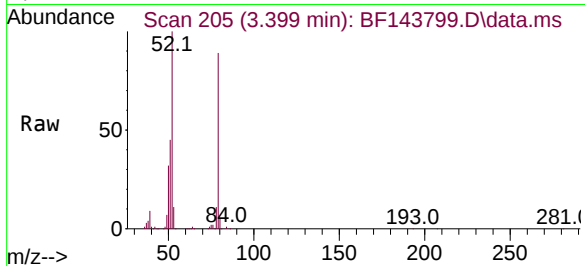
Tgt Ion: 88 Resp: 140442
Ion Ratio Lower Upper
88 100
58 125.4 99.4 149.2
43 38.5 30.6 45.8





#3
Pyridine
Concen: 43.022 ng
RT: 3.399 min Scan# 205
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

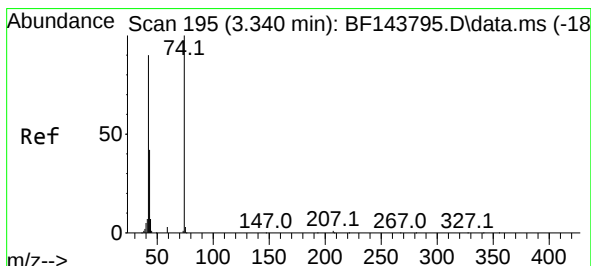
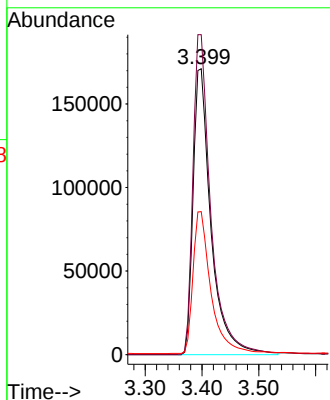
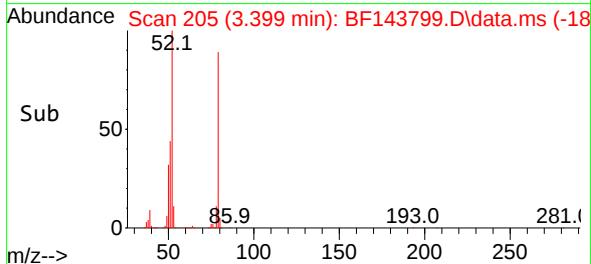
Instrument :
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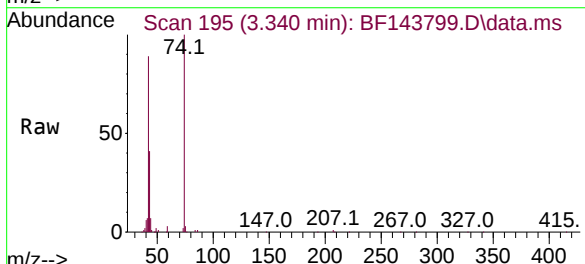
Tgt Ion: 79 Resp: 373668
Ion Ratio Lower Upper
79 100
52 112.0 90.5 135.7
51 50.0 40.6 61.0

Manual Integrations
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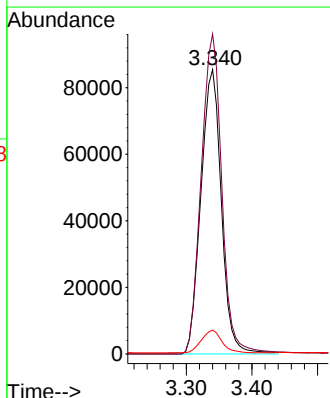
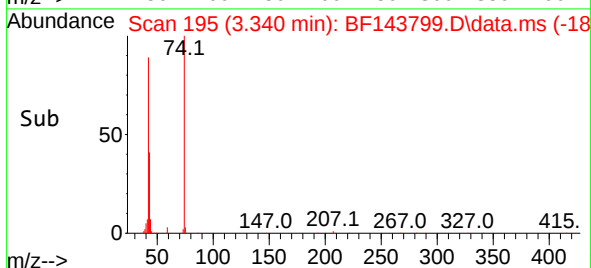
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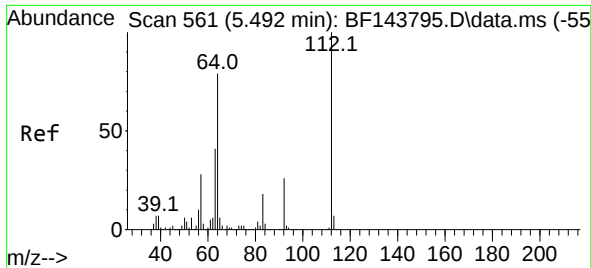


#4
n-Nitrosodimethylamine
Concen: 42.441 ng
RT: 3.340 min Scan# 195
Delta R.T. -0.017 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42



Tgt Ion: 42 Resp: 184836
Ion Ratio Lower Upper
42 100
74 112.6 89.1 133.7
44 8.3 6.4 9.6





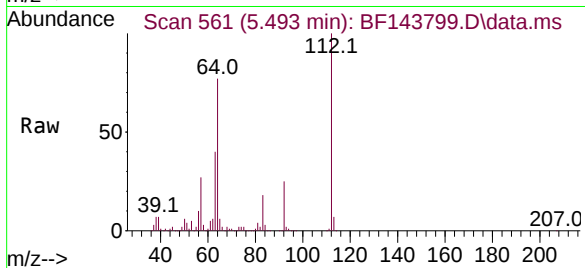
#5
2-Fluorophenol
Concen: 86.573 ng
RT: 5.493 min Scan# 50
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Instrument :

BNA_F

ClientSampleId :

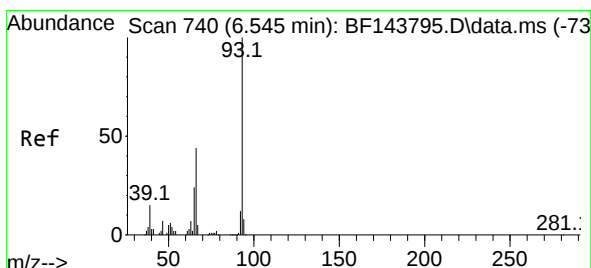
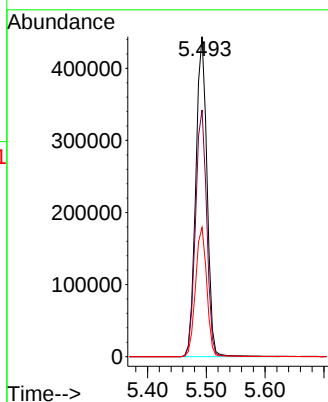
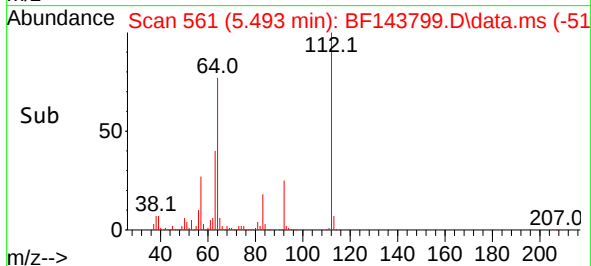
ICVBF092325



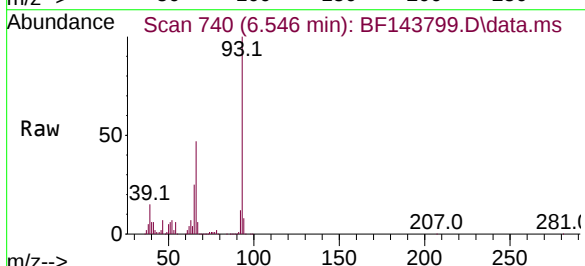
Tgt Ion: 112 Resp: 58754
Ion Ratio Lower Upper
112 100
64 77.1 63.0 94.4
63 40.4 32.6 49.0

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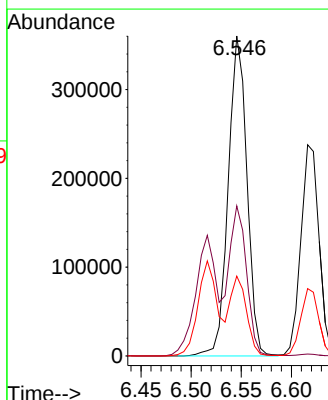
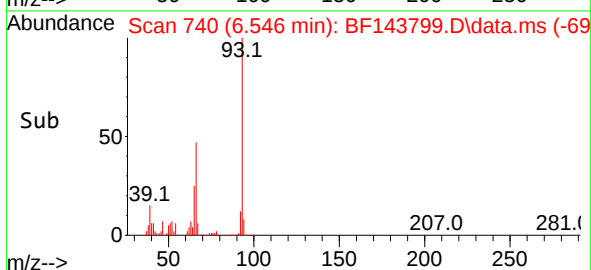
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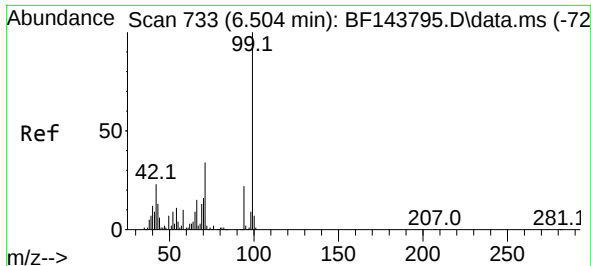


#6
Aniline
Concen: 41.592 ng
RT: 6.546 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42



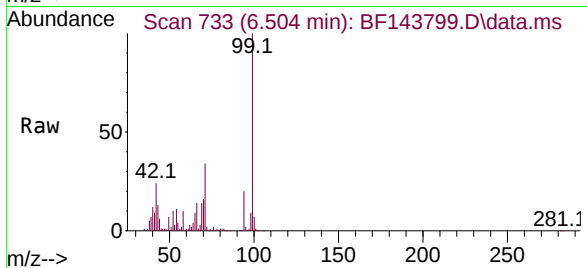
Tgt Ion: 93 Resp: 468886
Ion Ratio Lower Upper
93 100
66 46.9 37.1 55.7
65 24.9 19.4 29.0





#7
Phenol-d6
Concen: 81.847 ng
RT: 6.504 min Scan# 733
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

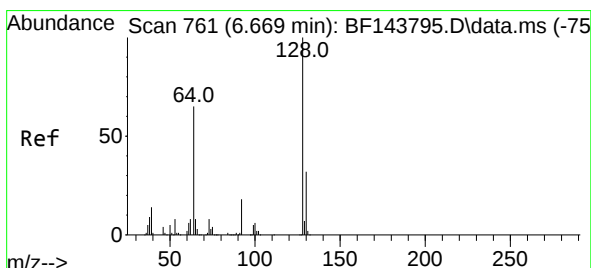
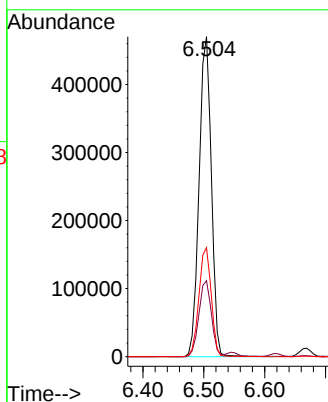
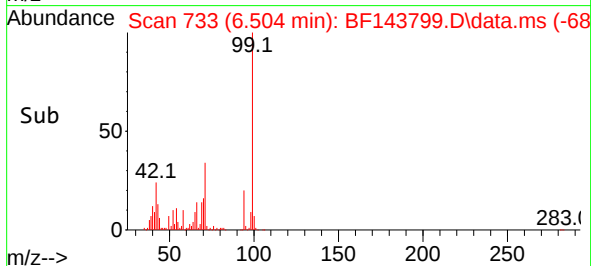
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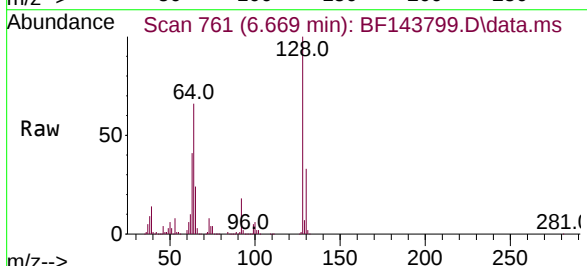
Tgt Ion: 99 Resp: 655490
Ion Ratio Lower Upper
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42 23.7 18.6 28.0
71 34.0 27.0 40.4

Manual Integrations
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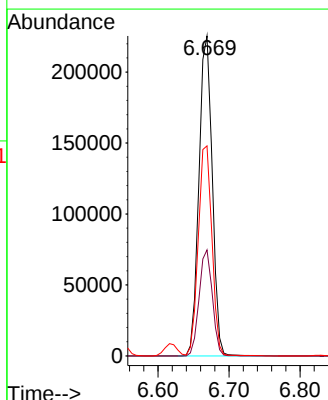
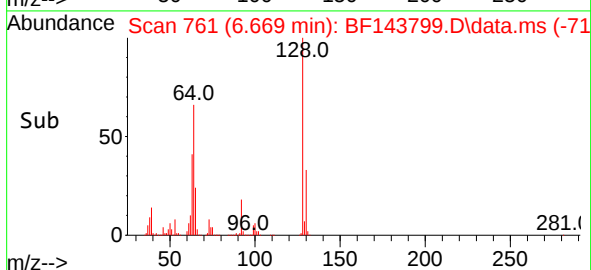
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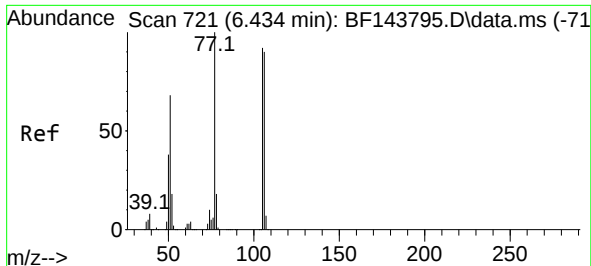


#8
2-Chlorophenol
Concen: 42.456 ng
RT: 6.669 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42



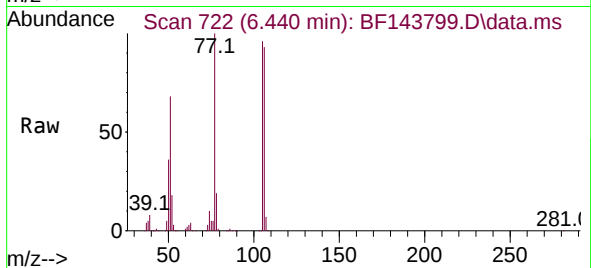
Tgt Ion:128 Resp: 292186
Ion Ratio Lower Upper
128 100
130 33.1 12.2 52.2
64 65.6 46.5 86.5





#9
Benzaldehyde
Concen: 46.667 ng
RT: 6.440 min Scan# 721
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

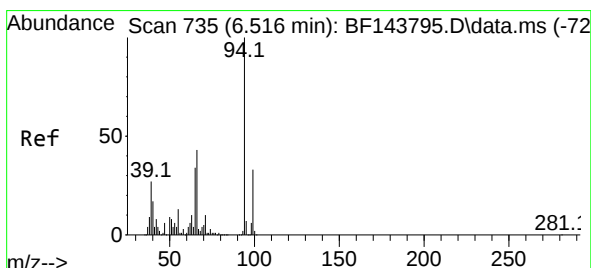
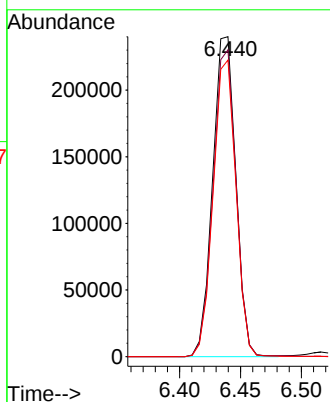
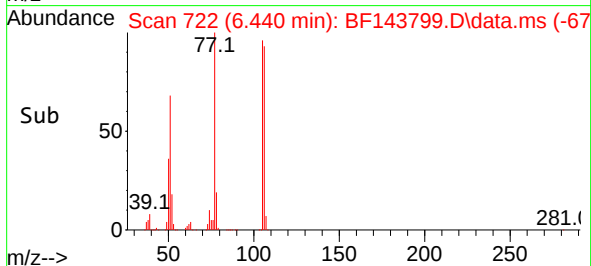
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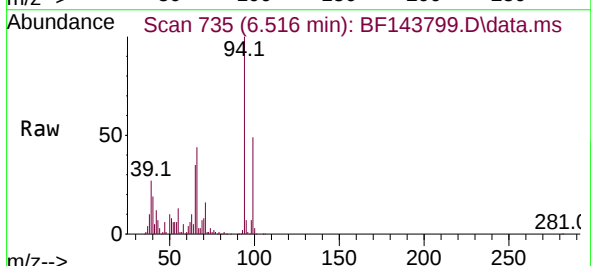
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Ion Ratio Lower Upper
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106 92.7 69.8 109.8

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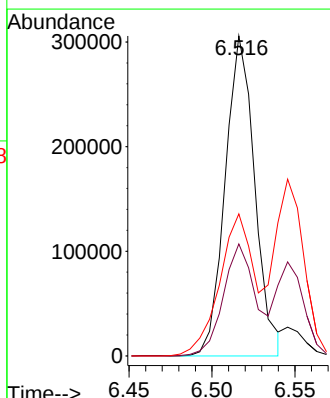
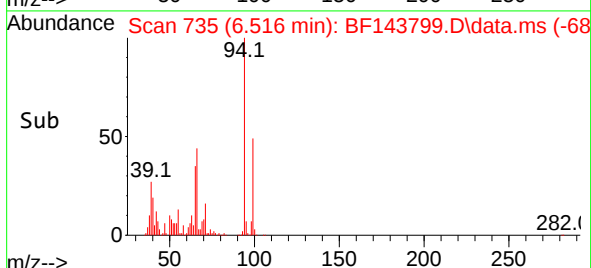
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

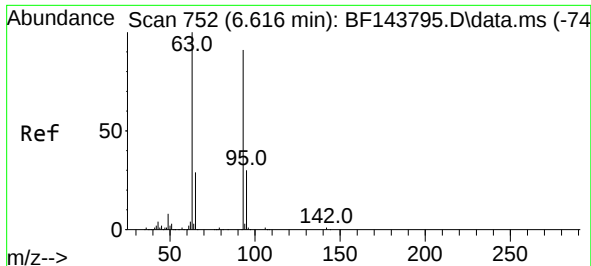


#10
Phenol
Concen: 41.956 ng m
RT: 6.516 min Scan# 735
Delta R.T. -0.012 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42



Tgt Ion: 94 Resp: 378799
Ion Ratio Lower Upper
94 100
65 35.0 14.2 54.2
66 44.4 24.1 64.1





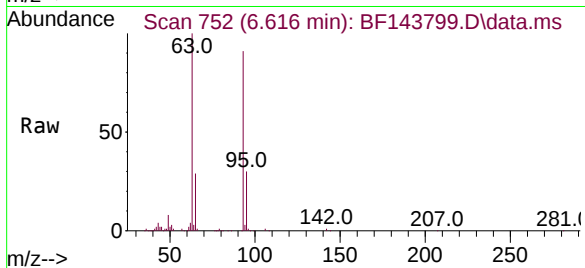
#11
bis(2-Chloroethyl)ether
Concen: 41.891 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Instrument :

BNA_F

ClientSampleId :

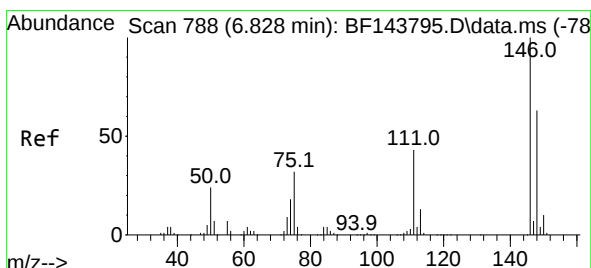
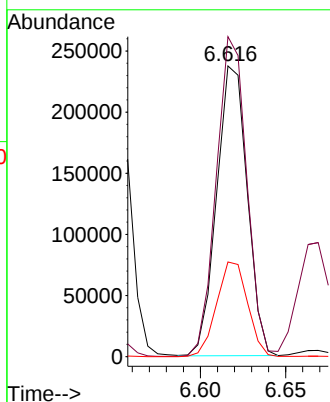
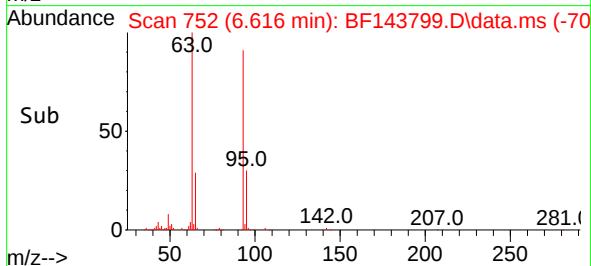
ICVBF092325



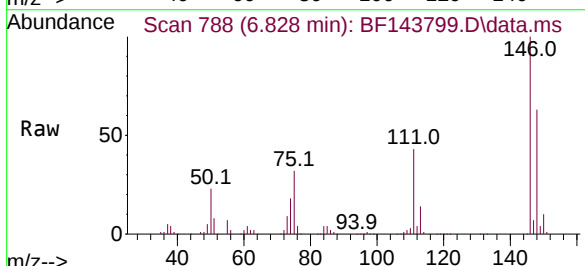
Tgt Ion: 93 Resp: 296472
Ion Ratio Lower Upper
93 100
63 110.1 89.2 129.2
95 32.5 12.9 52.9

Manual Integrations
APPROVED

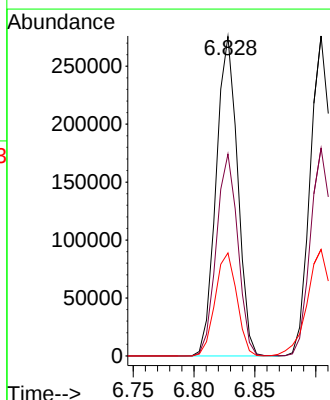
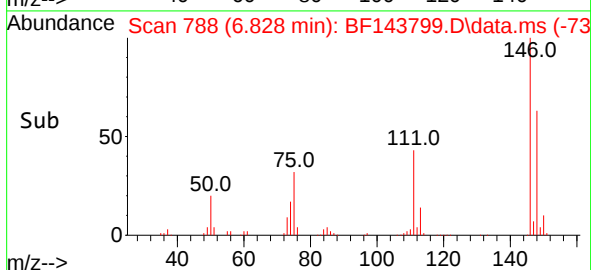
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

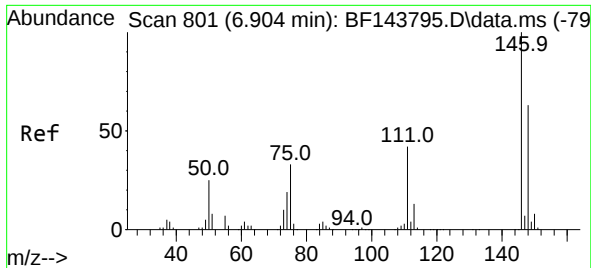


#12
1,3-Dichlorobenzene
Concen: 42.271 ng
RT: 6.828 min Scan# 788
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42



Tgt Ion:146 Resp: 337770
Ion Ratio Lower Upper
146 100
148 63.2 50.4 75.6
75 32.3 25.6 38.4





#13

1,4-Dichlorobenzene

Concen: 41.859 ng

RT: 6.904 min Scan# 801

Delta R.T. 0.000 min

Lab File: BF143799.D

Acq: 23 Sep 2025 17:42

Instrument :

BNA_F

ClientSampleId :

ICVBF092325

Tgt Ion:146 Resp: 333799

Ion Ratio Lower Upper

146 100

148 64.9 50.7 76.1

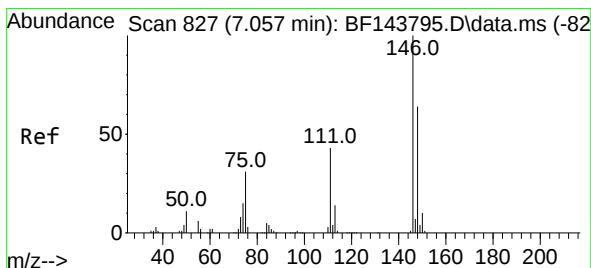
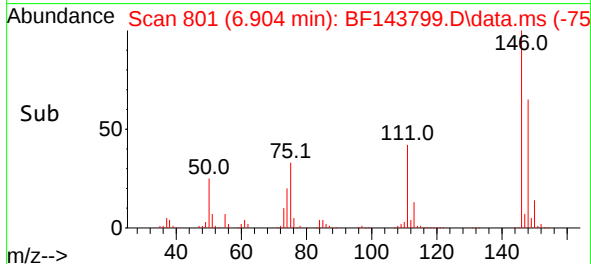
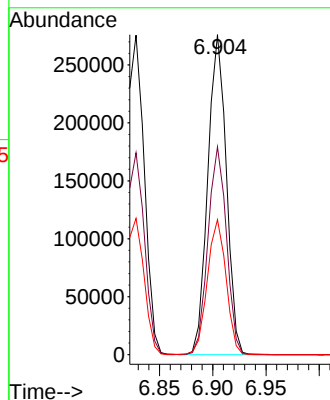
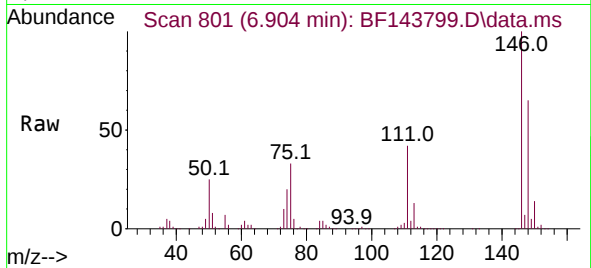
111 42.2 33.4 50.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#14

1,2-Dichlorobenzene

Concen: 41.736 ng

RT: 7.057 min Scan# 827

Delta R.T. 0.000 min

Lab File: BF143799.D

Acq: 23 Sep 2025 17:42

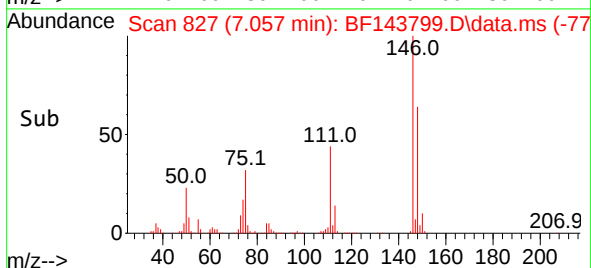
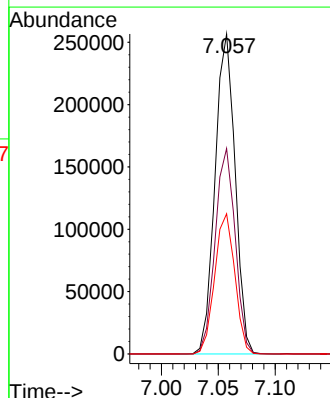
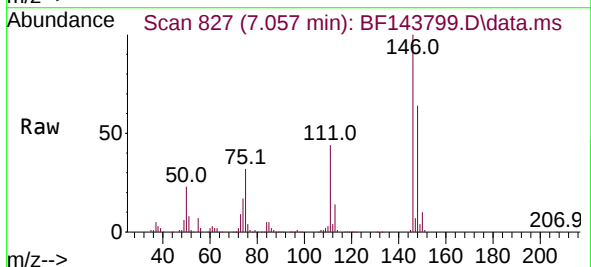
Tgt Ion:146 Resp: 315213

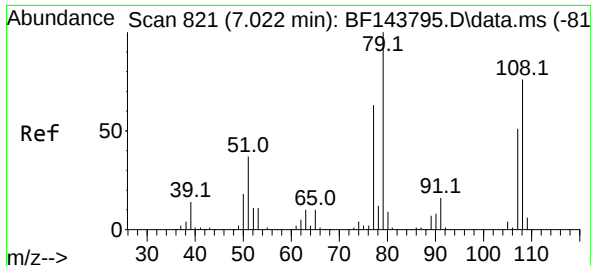
Ion Ratio Lower Upper

146 100

148 64.2 51.1 76.7

111 43.8 34.3 51.5





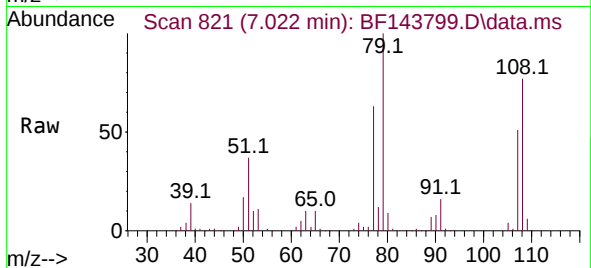
#15
Benzyl Alcohol
Concen: 42.558 ng
RT: 7.022 min Scan# 821
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Instrument :

BNA_F

ClientSampleId :

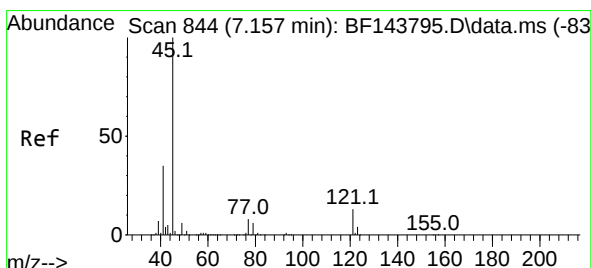
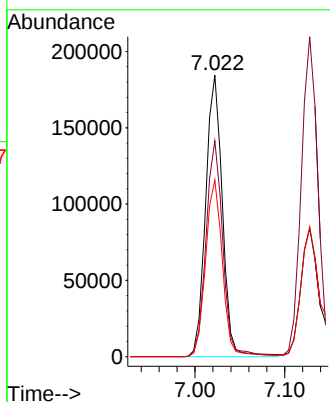
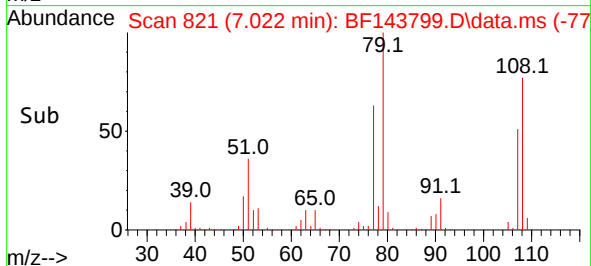
ICVBF092325



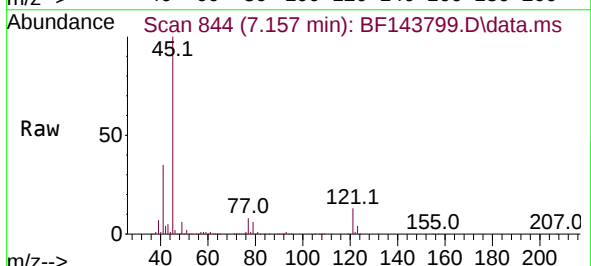
Tgt Ion: 79 Resp: 23885
Ion Ratio Lower Upper
79 100
108 76.7 60.5 90.7
77 62.8 50.3 75.5

Manual Integrations
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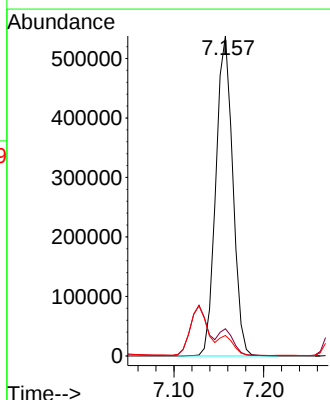
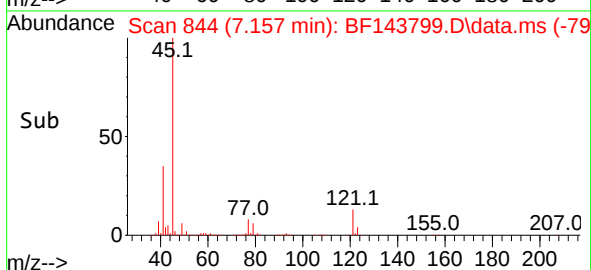
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

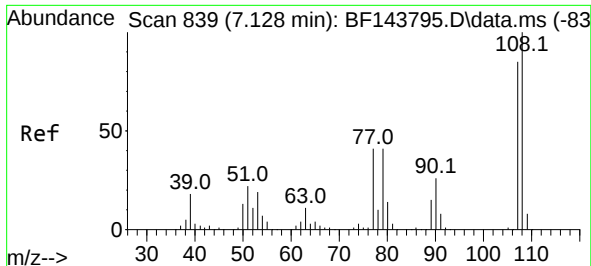


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.868 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42



Tgt Ion: 45 Resp: 702630
Ion Ratio Lower Upper
45 100
77 8.5 0.0 28.5
79 6.4 0.0 26.3





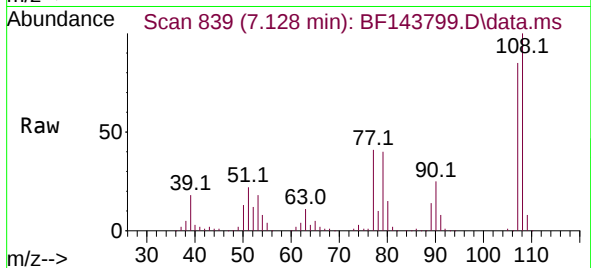
#17
2-Methylphenol
Concen: 42.304 ng
RT: 7.128 min Scan# 839
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Instrument :

BNA_F

ClientSampleId :

ICVBF092325

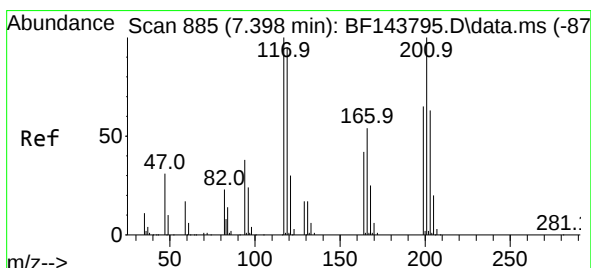
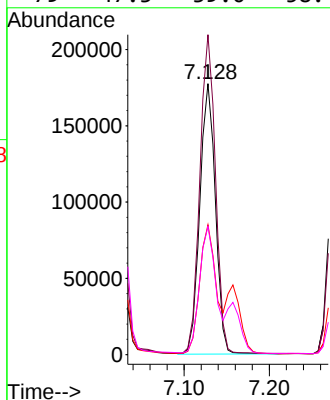
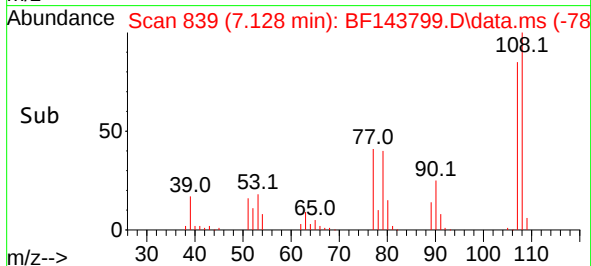


Tgt Ion:107 Resp: 225398
Ion Ratio Lower Upper
107 100
108 118.1 94.2 141.4
77 47.9 38.6 58.0
79 47.3 39.0 58.4

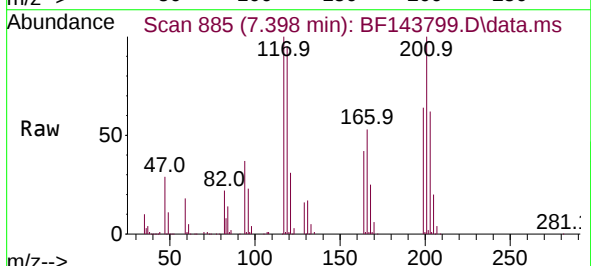
Manual Integrations

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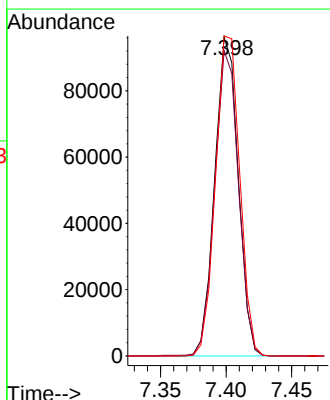
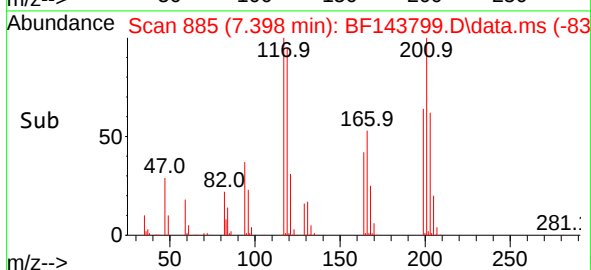
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

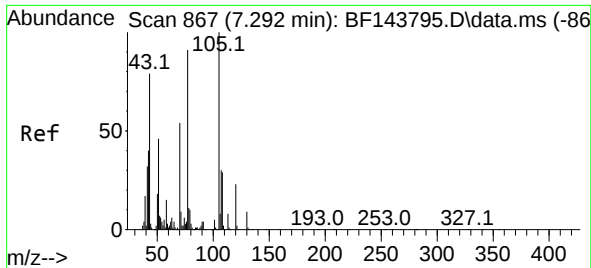


#18
Hexachloroethane
Concen: 42.878 ng
RT: 7.398 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42



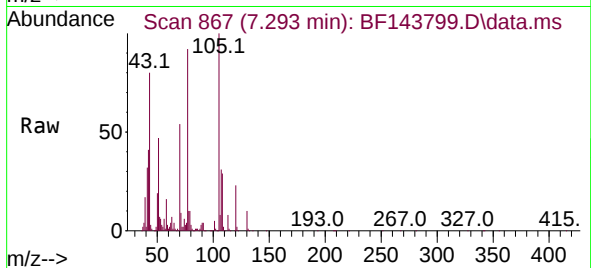
Tgt Ion:117 Resp: 120246
Ion Ratio Lower Upper
117 100
119 95.8 76.2 114.2
201 100.4 79.7 119.5





#19
n-Nitroso-di-n-propylamine
Concen: 39.810 ng
RT: 7.293 min Scan# 867
Delta R.T. -0.012 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

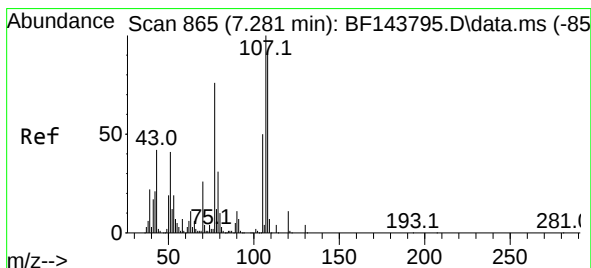
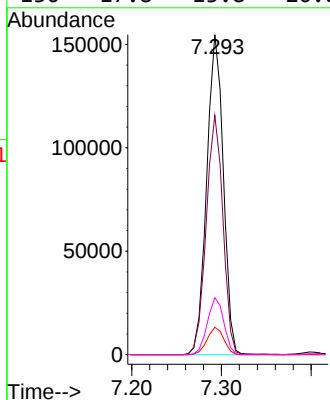
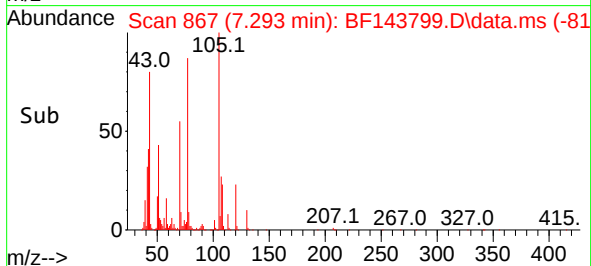
Instrument :
BNA_F
ClientSampleId :
ICVBF092325



Tgt Ion: 70 Resp: 198845
Ion Ratio Lower Upper
70 100
42 74.7 59.4 89.0
101 8.5 7.1 10.7
130 17.8 13.8 20.8

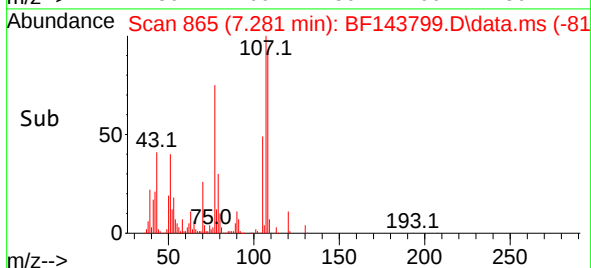
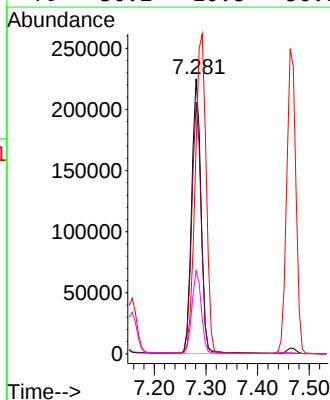
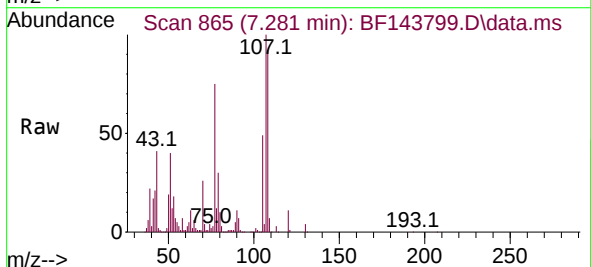
Manual Integrations
APPROVED

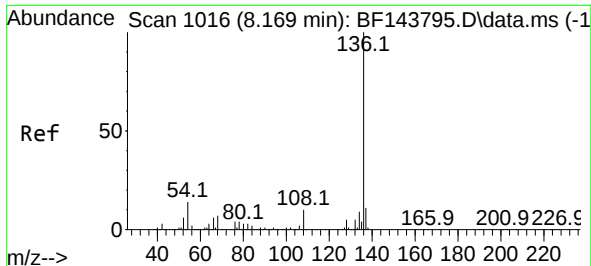
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#20
3+4-Methylphenols
Concen: 43.619 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:107 Resp: 283024
Ion Ratio Lower Upper
107 100
108 91.5 72.5 112.5
77 75.4 56.2 96.2
79 30.2 10.8 50.8





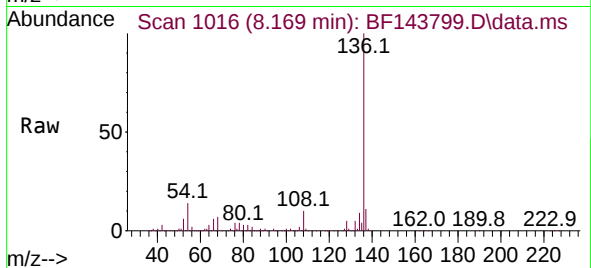
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Instrument :

BNA_F

ClientSampleId :

ICVBF092325



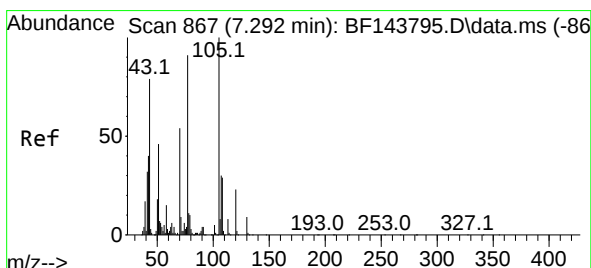
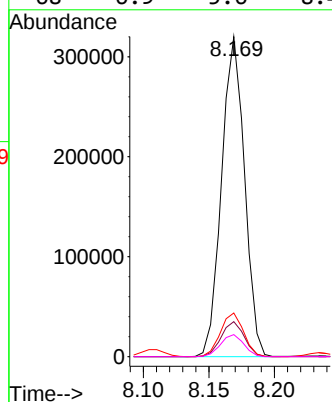
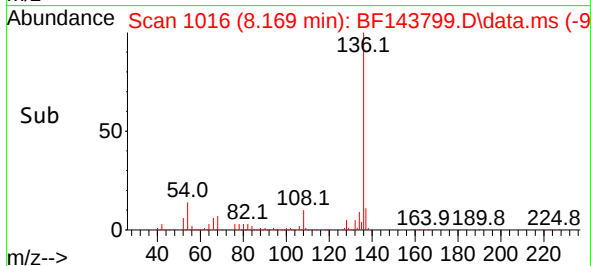
Tgt Ion:136 Resp: 390323
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 13.6 11.2 16.8
68 6.9 5.6 8.4

Manual Integrations

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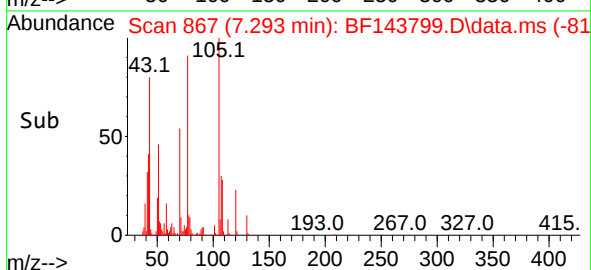
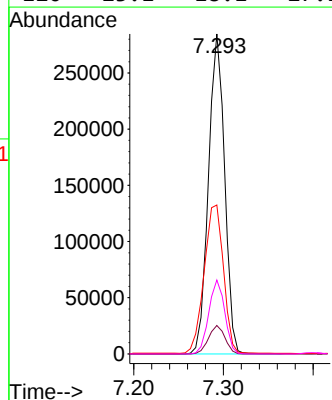
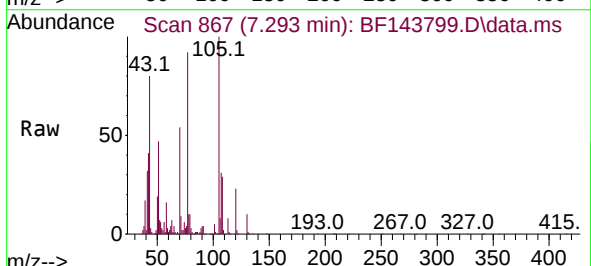
Reviewed By :Rahul Chavli 09/24/2025

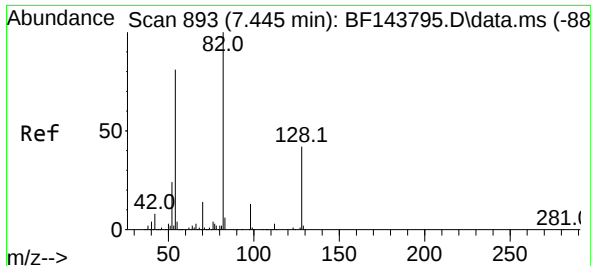
Supervised By :Jagrut Upadhyay 09/24/2025



#22
Acetophenone
Concen: 41.524 ng
RT: 7.293 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:105 Resp: 355985
Ion Ratio Lower Upper
105 100
71 8.9 7.0 10.4
51 46.5 36.6 55.0
120 23.1 18.1 27.1





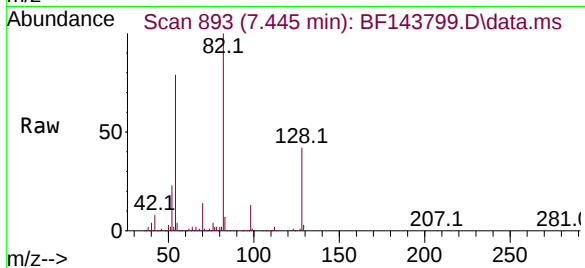
#23
Nitrobenzene-d5
Concen: 90.799 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Instrument :

BNA_F

ClientSampleId :

ICVBF092325

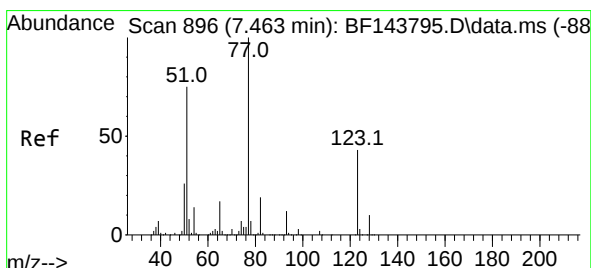
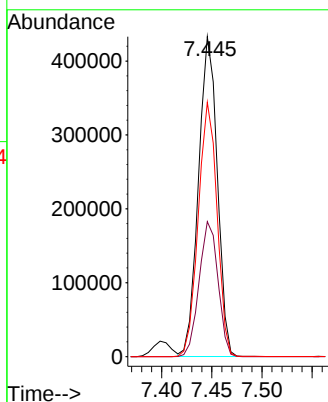
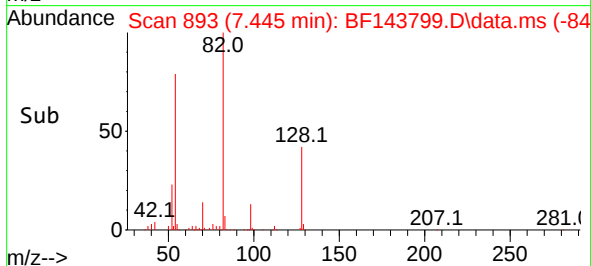


Tgt Ion: 82 Resp: 563159
Ion Ratio Lower Upper
82 100
128 42.2 33.3 49.9
54 79.5 64.2 96.4

Manual Integrations

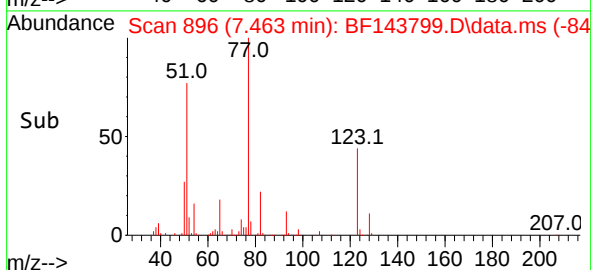
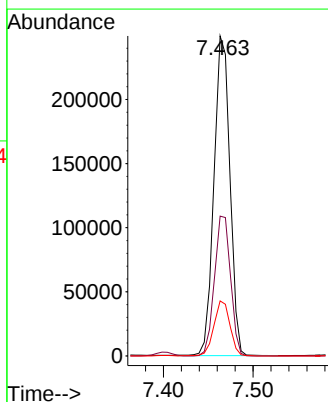
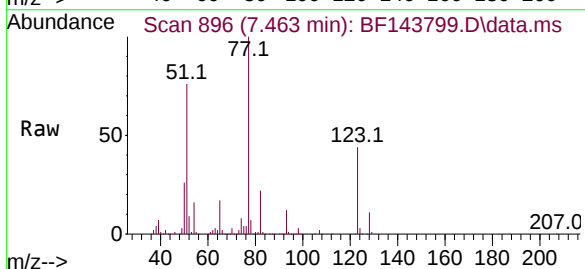
APPROVED

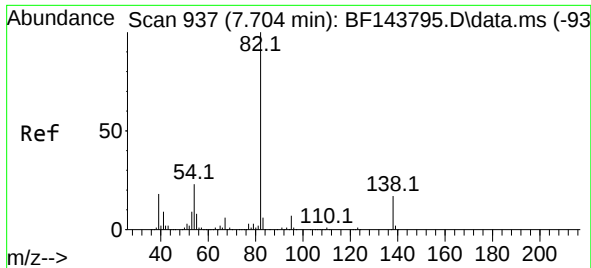
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#24
Nitrobenzene
Concen: 43.582 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

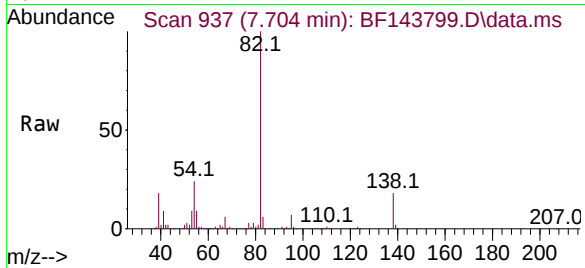
Tgt Ion: 77 Resp: 308041
Ion Ratio Lower Upper
77 100
123 43.7 34.0 51.0
65 17.2 13.5 20.3





#25
Isophorone
Concen: 41.778 ng
RT: 7.704 min Scan# 937
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

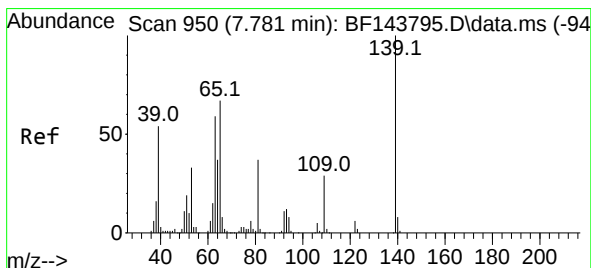
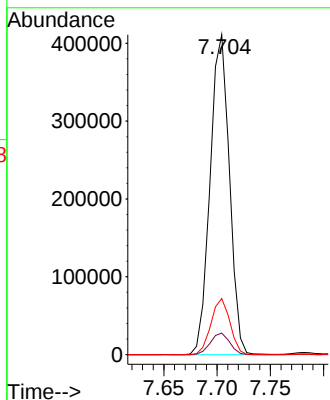
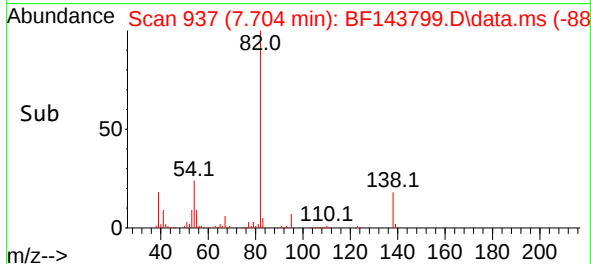
Instrument :
BNA_F
ClientSampleId :
ICVBF092325



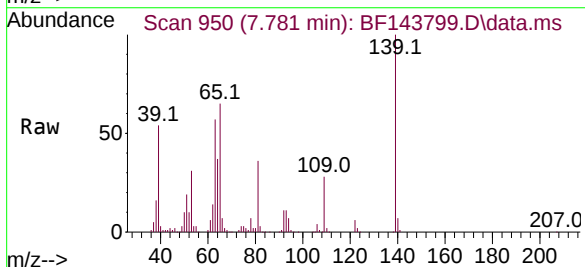
Tgt Ion: 82 Resp: 519134
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.2
138 17.5 13.7 20.5

Manual Integrations
APPROVED

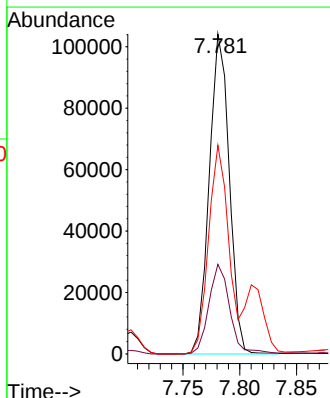
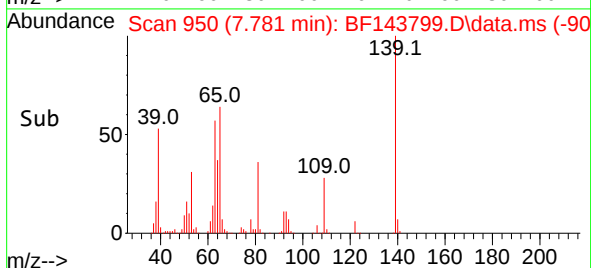
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

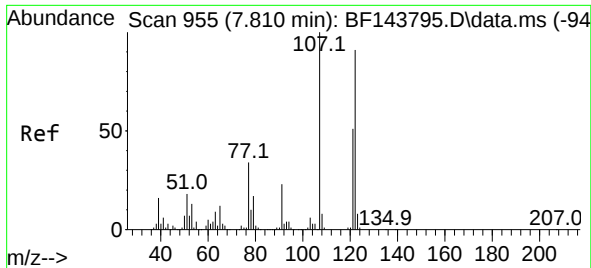


#26
2-Nitrophenol
Concen: 44.135 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.005 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42



Tgt Ion:139 Resp: 127397
Ion Ratio Lower Upper
139 100
109 28.0 23.3 34.9
65 65.2 53.8 80.6





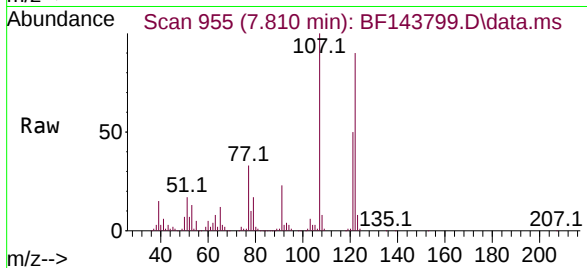
#27
2,4-Dimethylphenol
Concen: 42.725 ng
RT: 7.810 min Scan# 955
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Instrument :

BNA_F

ClientSampleId :

ICVBF092325

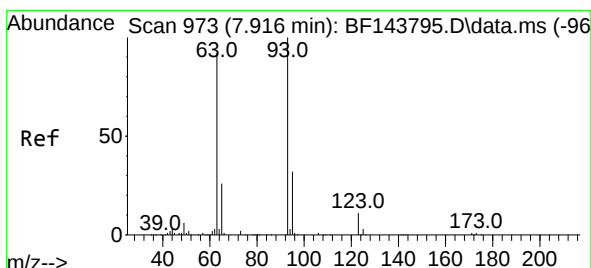
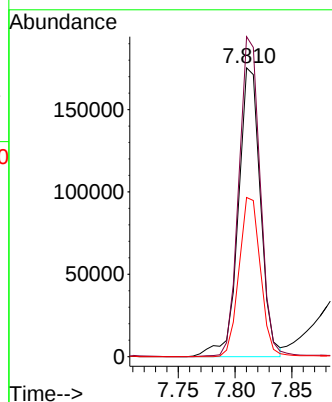
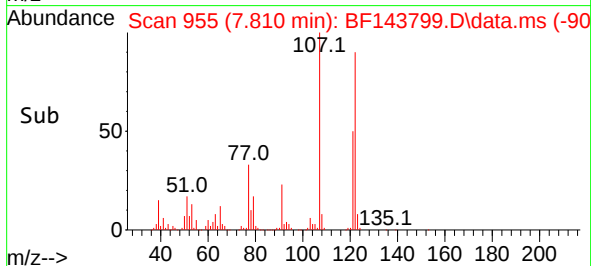


Tgt Ion:122 Resp: 237292
Ion Ratio Lower Upper
122 100
107 110.8 87.5 131.3
121 55.1 44.2 66.4

Manual Integrations

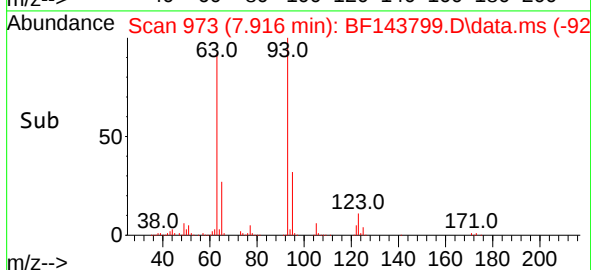
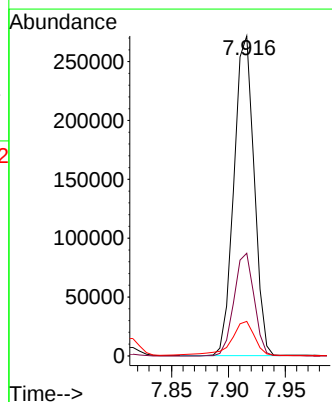
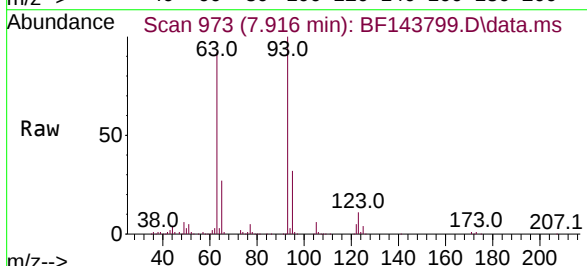
APPROVED

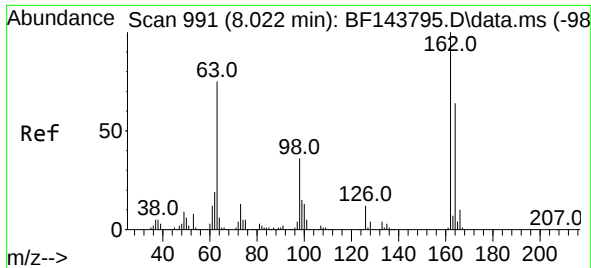
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#28
bis(2-Chloroethoxy)methane
Concen: 41.459 ng
RT: 7.916 min Scan# 973
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion: 93 Resp: 334704
Ion Ratio Lower Upper
93 100
95 32.1 25.8 38.8
123 10.8 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 42.921 ng

RT: 8.016 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF143799.D

Acq: 23 Sep 2025 17:42

Instrument :

BNA_F

ClientSampleId :

ICVBF092325

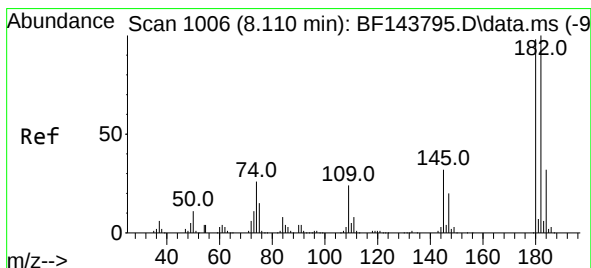
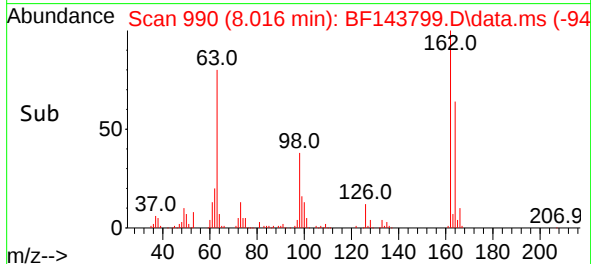
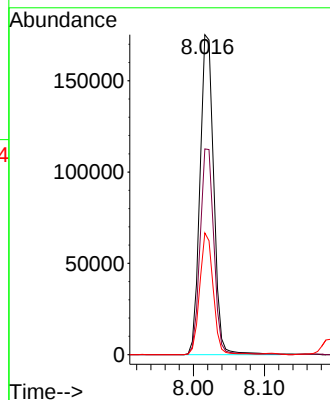
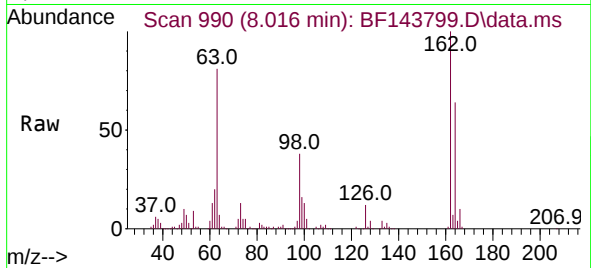
Tgt Ion:	162	Resp:	23456
Ion Ratio	Lower	Upper	
162	100		
164	64.3	44.1	84.1
98	38.0	15.8	55.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#30

1,2,4-Trichlorobenzene

Concen: 42.395 ng

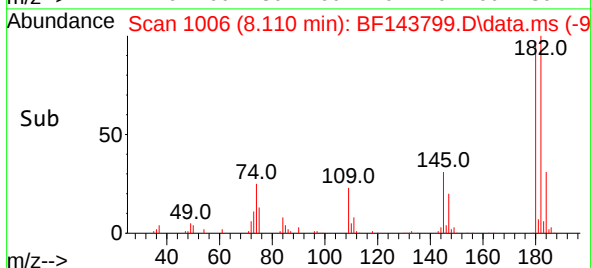
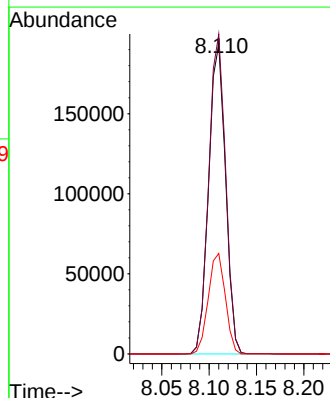
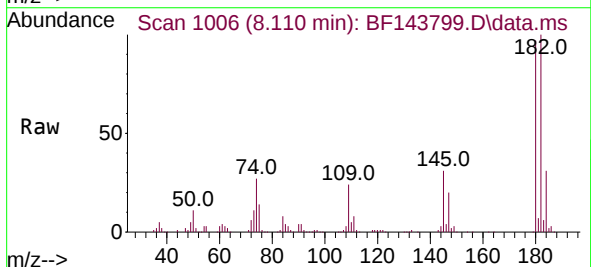
RT: 8.110 min Scan# 1006

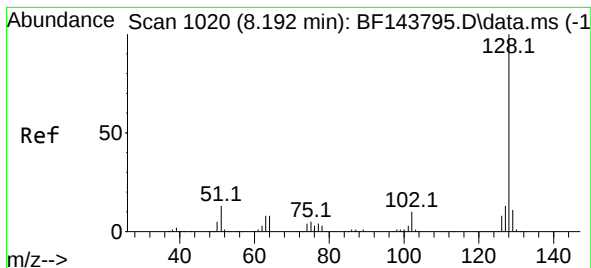
Delta R.T. 0.000 min

Lab File: BF143799.D

Acq: 23 Sep 2025 17:42

Tgt Ion:	180	Resp:	240436
Ion Ratio	Lower	Upper	
180	100		
182	103.4	82.0	123.0
145	32.4	25.9	38.9





#31

Naphthalene

Concen: 42.019 ng

RT: 8.193 min Scan# 1020

Delta R.T. 0.000 min

Lab File: BF143799.D

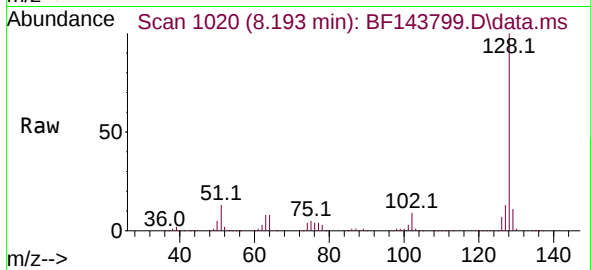
Acq: 23 Sep 2025 17:42

Instrument :

BNA_F

ClientSampleId :

ICVBF092325



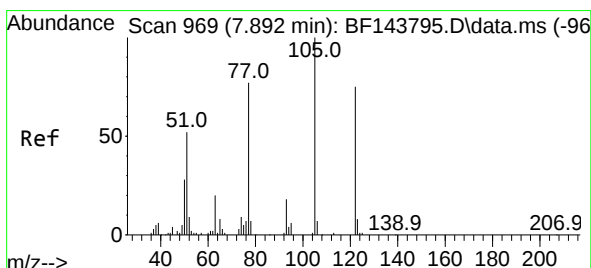
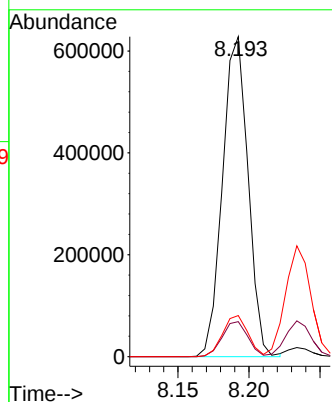
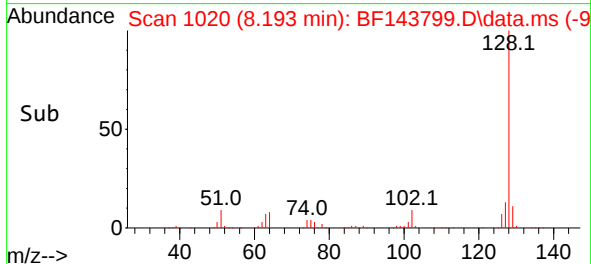
Tgt Ion:	128	Resp:	78513
Ion Ratio	Lower	Upper	
128	100		
129	10.9	8.8	13.2
127	12.8	10.2	15.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#32

Benzoic acid

Concen: 43.922 ng

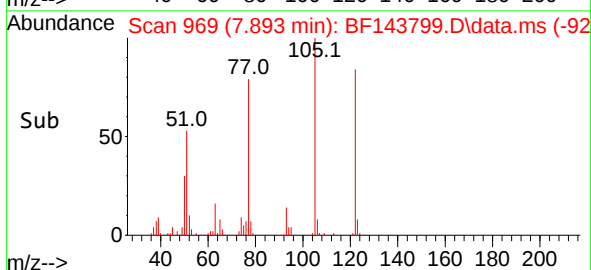
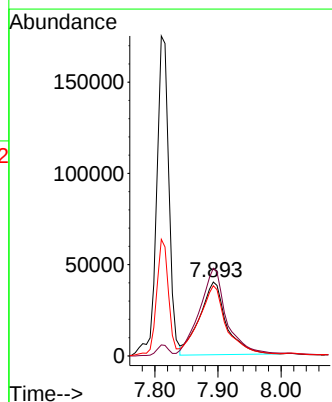
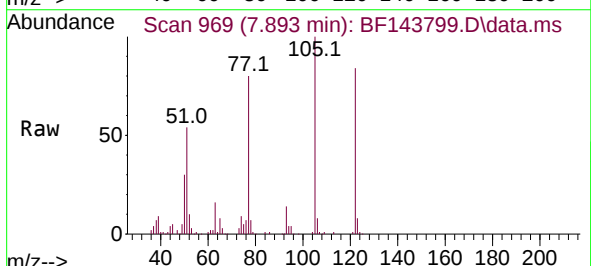
RT: 7.893 min Scan# 969

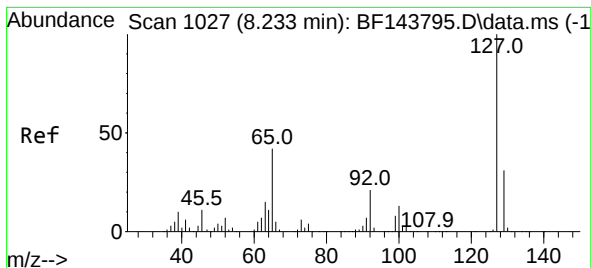
Delta R.T. -0.029 min

Lab File: BF143799.D

Acq: 23 Sep 2025 17:42

Tgt Ion:	122	Resp:	117697
Ion Ratio	Lower	Upper	
122	100		
105	118.7	103.7	143.7
77	94.9	78.8	118.8





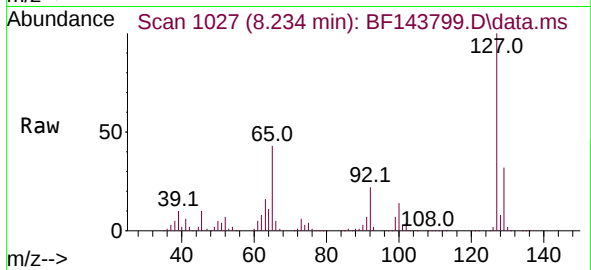
#33
4-Chloroaniline
Concen: 41.955 ng
RT: 8.234 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Instrument :

BNA_F

ClientSampleId :

ICVBF092325



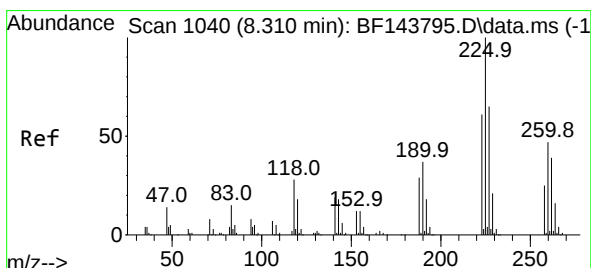
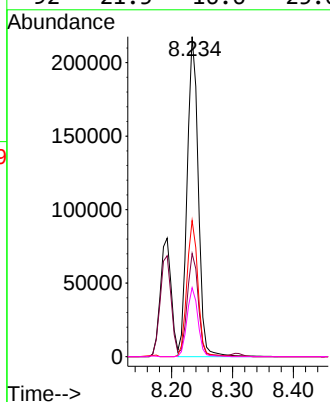
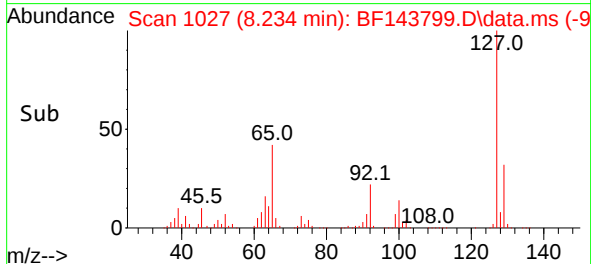
Tgt Ion:127 Resp: 275488
Ion Ratio Lower Upper
127 100
129 32.2 25.4 38.2
65 42.5 33.4 50.2
92 21.5 16.6 25.0

Manual Integrations

APPROVED

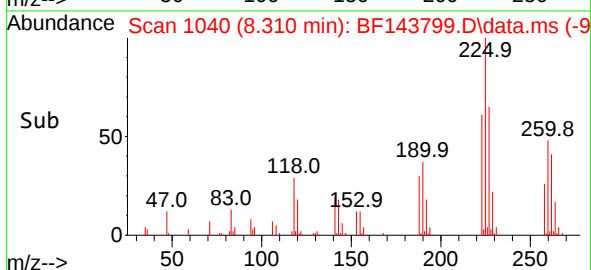
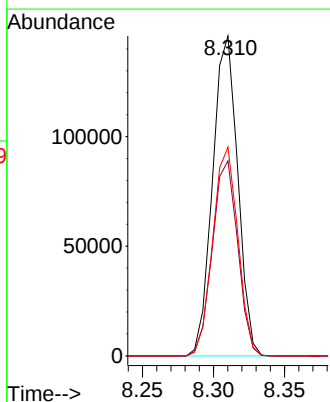
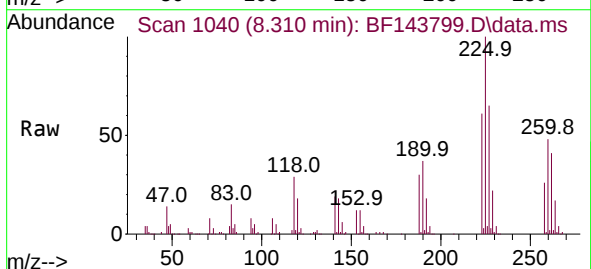
Reviewed By :Rahul Chavli 09/24/2025

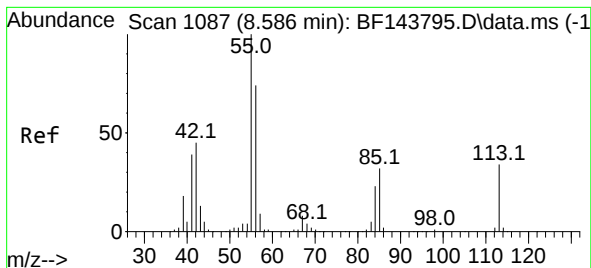
Supervised By :Jagrut Upadhyay 09/24/2025



#34
Hexachlorobutadiene
Concen: 42.413 ng
RT: 8.310 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:225 Resp: 179313
Ion Ratio Lower Upper
225 100
223 61.0 48.6 72.8
227 65.2 51.9 77.9





#35

Caprolactam

Concen: 44.018 ng

RT: 8.587 min Scan# 1087

Delta R.T. -0.023 min

Lab File: BF143799.D

Acq: 23 Sep 2025 17:42

Instrument :

BNA_F

ClientSampleId :

ICVBF092325

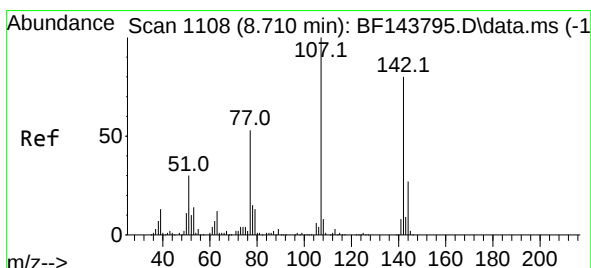
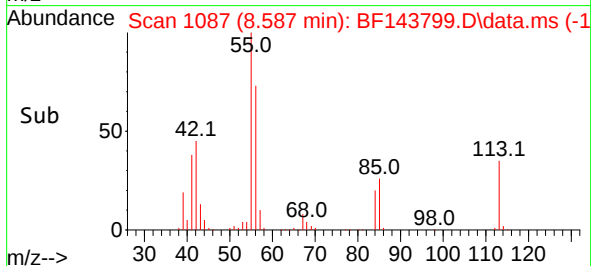
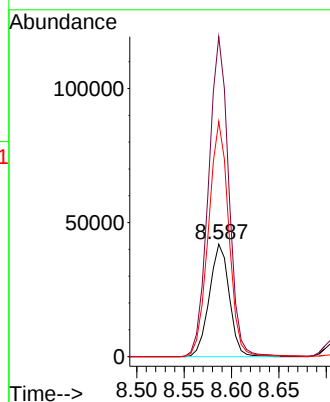
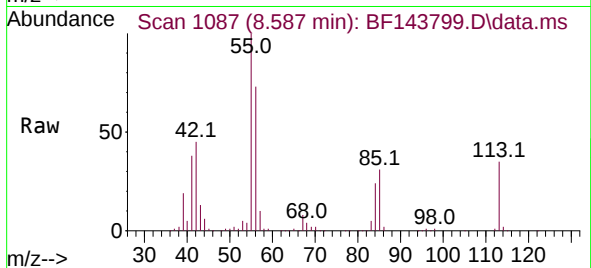
Tgt Ion:113	Resp: 61486
Ion Ratio	Lower Upper
113	100
55	284.8 271.7 311.7
56	209.2 194.5 234.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#36

4-Chloro-3-methylphenol

Concen: 42.485 ng

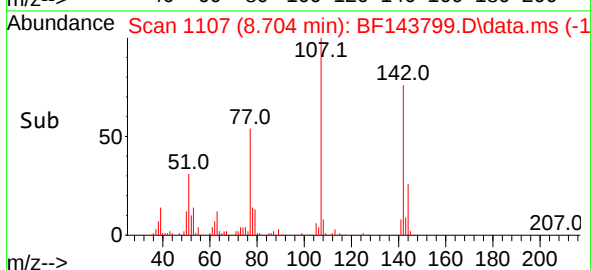
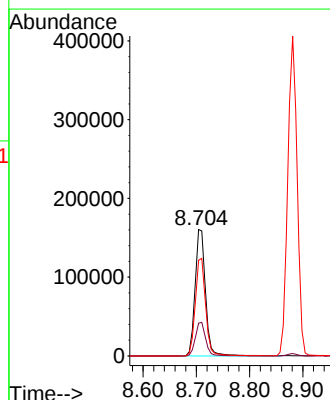
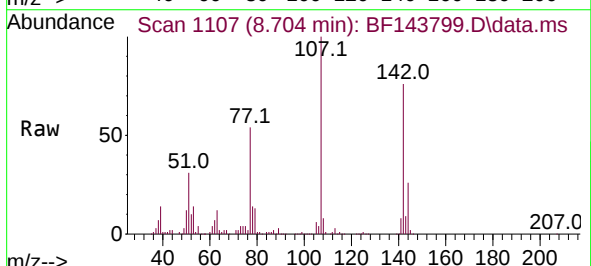
RT: 8.704 min Scan# 1107

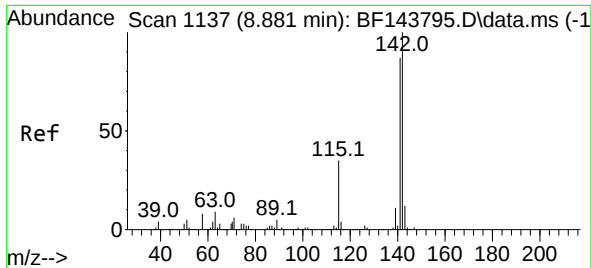
Delta R.T. -0.006 min

Lab File: BF143799.D

Acq: 23 Sep 2025 17:42

Tgt Ion:107	Resp: 217750
Ion Ratio	Lower Upper
107	100
144	26.0 21.8 32.8
142	75.7 63.6 95.4





#37

2-Methylnaphthalene

Concen: 41.689 ng

RT: 8.881 min Scan# 1137

Delta R.T. 0.000 min

Lab File: BF143799.D

Acq: 23 Sep 2025 17:42

Instrument :

BNA_F

ClientSampleId :

ICVBF092325

Tgt Ion:142 Resp: 49670

Ion Ratio Lower Upper

142 100

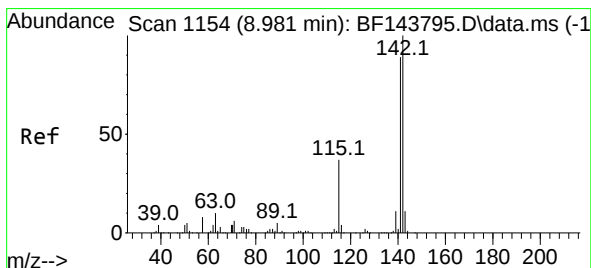
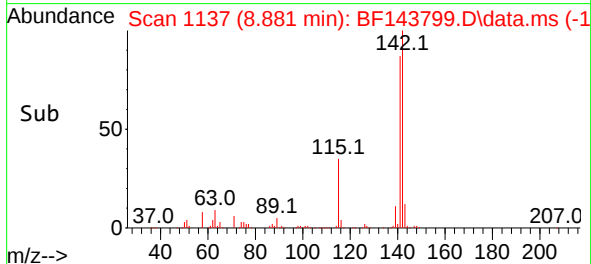
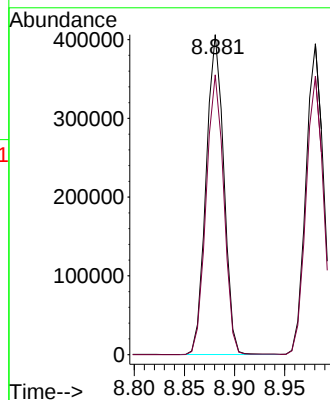
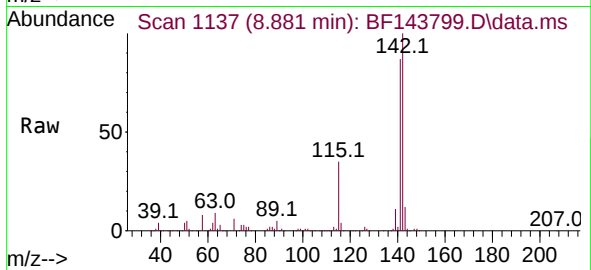
141 87.4 69.4 104.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#38

1-Methylnaphthalene

Concen: 41.968 ng

RT: 8.981 min Scan# 1154

Delta R.T. 0.000 min

Lab File: BF143799.D

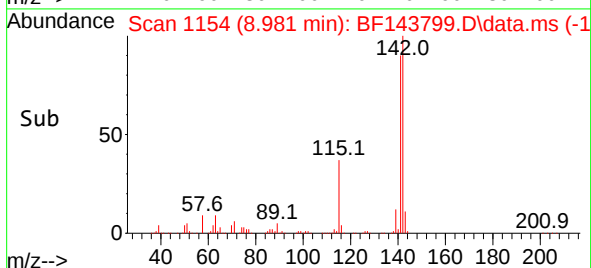
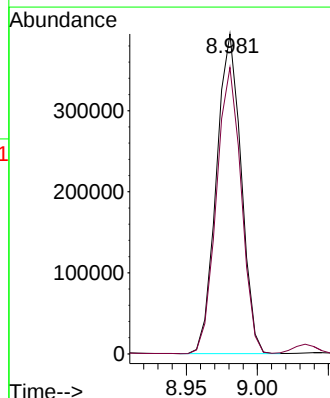
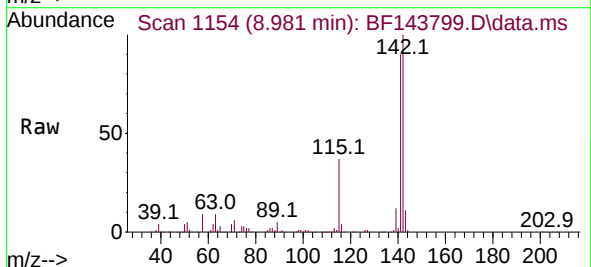
Acq: 23 Sep 2025 17:42

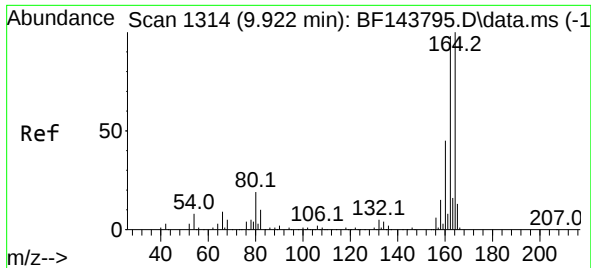
Tgt Ion:142 Resp: 478612

Ion Ratio Lower Upper

142 100

141 89.5 71.1 106.7





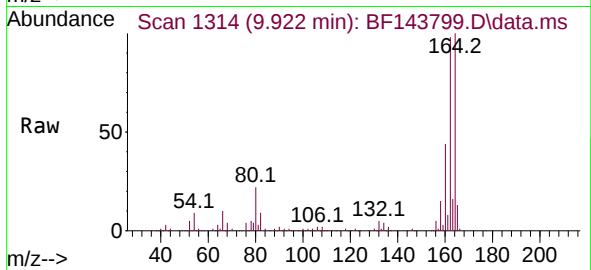
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Instrument :

BNA_F

ClientSampleId :

ICVBF092325

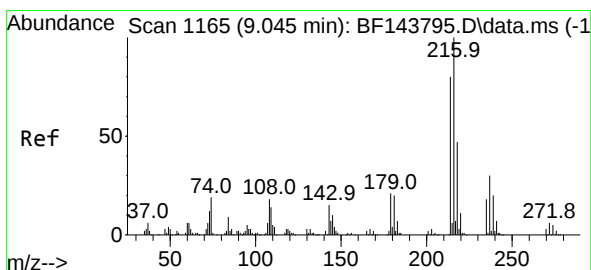
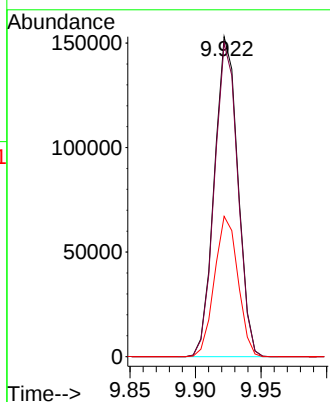
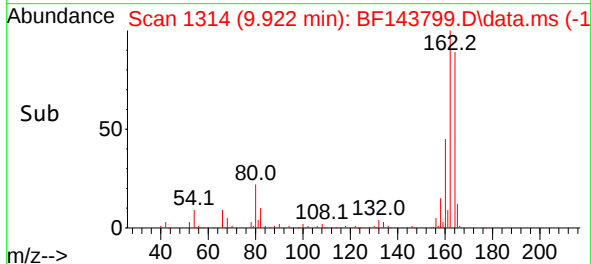


Tgt Ion:164 Resp: 191064
Ion Ratio Lower Upper
164 100
162 97.9 78.8 118.2
160 43.8 35.8 53.6

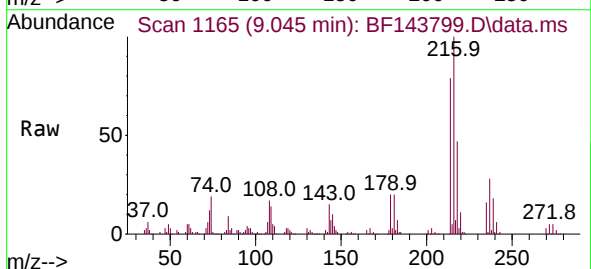
Manual Integrations

APPROVED

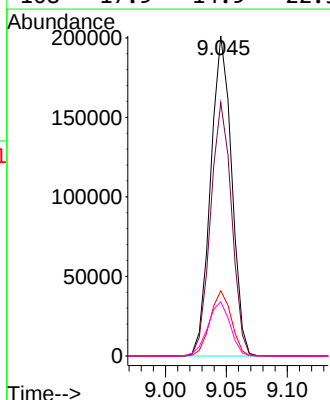
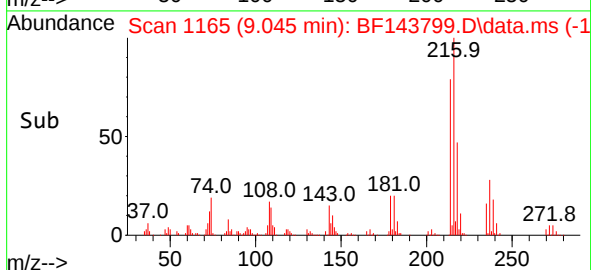
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

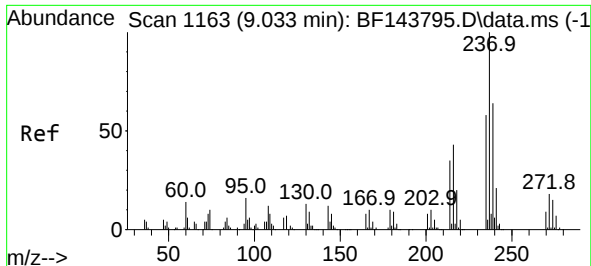


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.989 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42



Tgt Ion:216 Resp: 242106
Ion Ratio Lower Upper
216 100
214 79.0 63.7 95.5
179 20.4 16.5 24.7
108 17.9 14.9 22.3





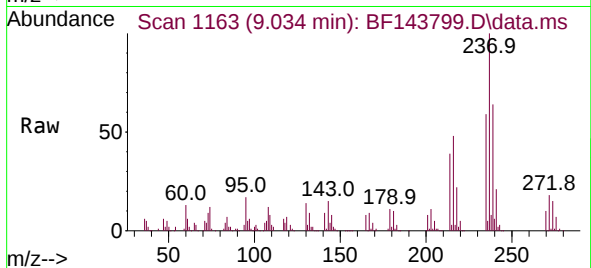
#41
Hexachlorocyclopentadiene
Concen: 43.786 ng
RT: 9.034 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Instrument :

BNA_F

ClientSampleId :

ICVBF092325

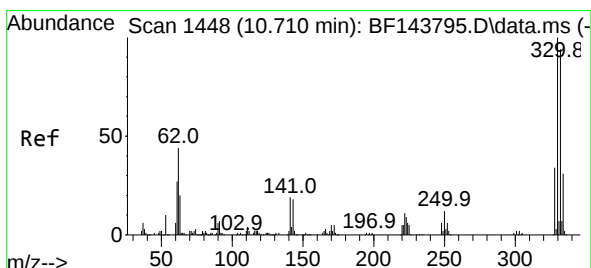
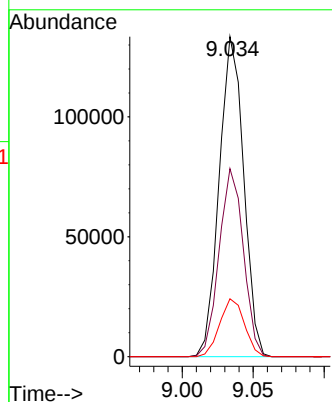
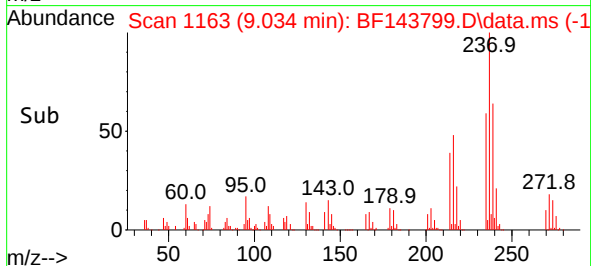


Tgt Ion:237 Resp: 160009
Ion Ratio Lower Upper
237 100
235 58.7 38.1 78.1
272 18.1 0.0 37.9

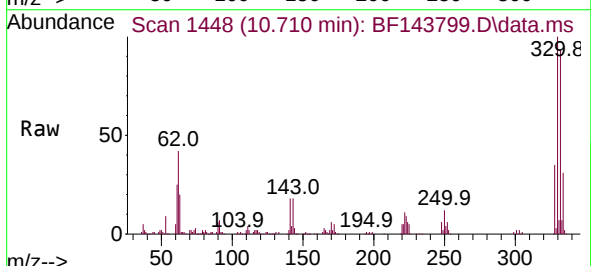
Manual Integrations

APPROVED

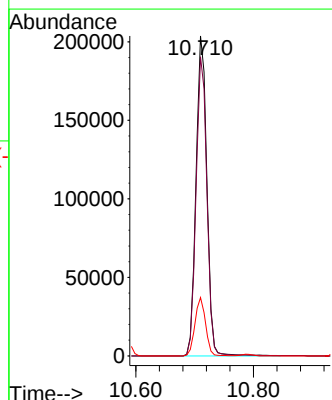
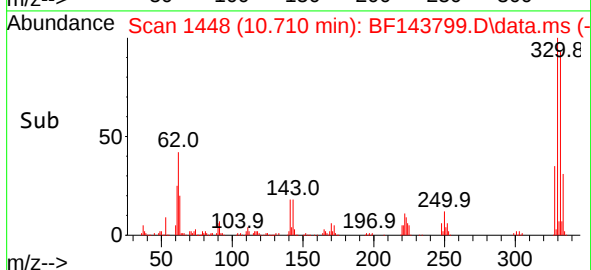
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

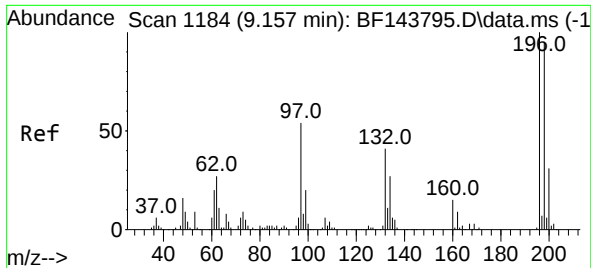


#42
2,4,6-Tribromophenol
Concen: 95.600 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42



Tgt Ion:330 Resp: 260676
Ion Ratio Lower Upper
330 100
332 93.5 74.7 112.1
141 17.8 14.3 21.5





#43
2,4,6-Trichlorophenol
Concen: 45.018 ng
RT: 9.157 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Instrument :

BNA_F

ClientSampleId :

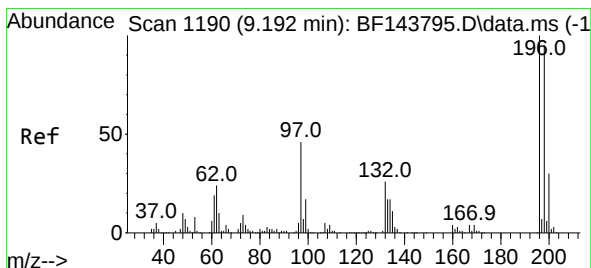
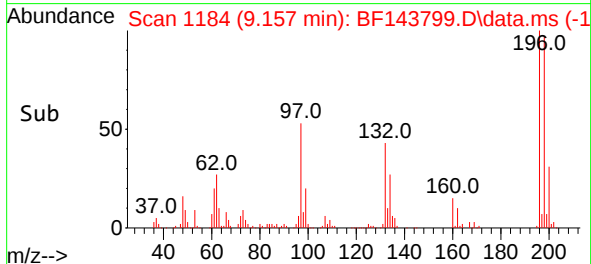
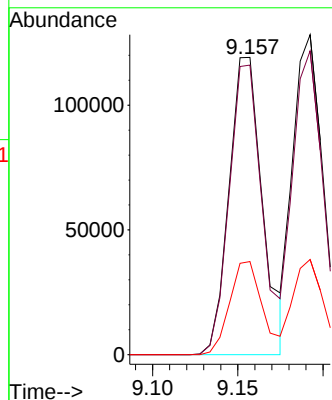
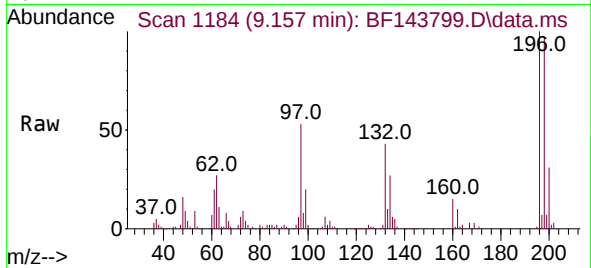
ICVBF092325

Tgt Ion:196 Resp: 16253
Ion Ratio Lower Upper
196 100
198 97.4 76.2 114.2
200 31.3 24.7 37.1

Manual Integrations

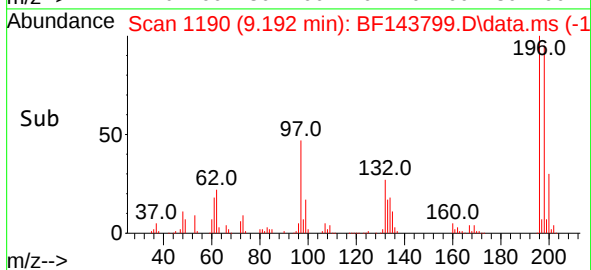
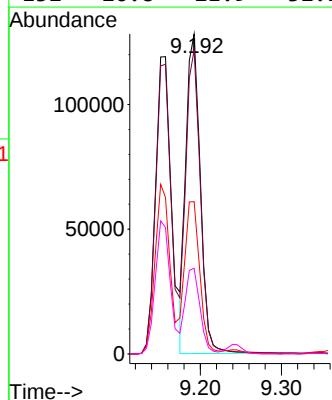
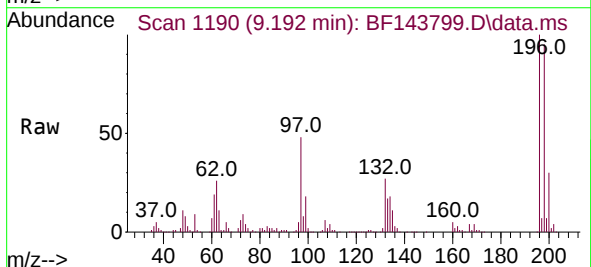
APPROVED

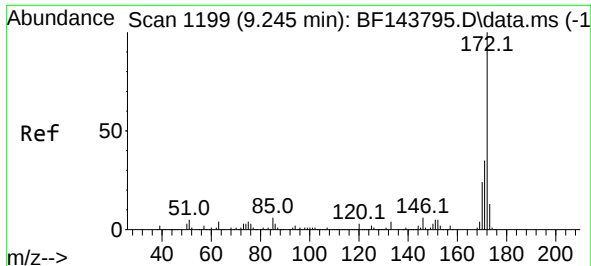
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#44
2,4,5-Trichlorophenol
Concen: 42.310 ng
RT: 9.192 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:196 Resp: 159783
Ion Ratio Lower Upper
196 100
198 94.9 75.9 113.9
97 47.6 38.3 57.5
132 26.8 21.9 32.9





#45

2-Fluorobiphenyl

Concen: 79.843 ng

RT: 9.245 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF143799.D

Acq: 23 Sep 2025 17:42

Instrument :

BNA_F

ClientSampleId :

ICVBF092325

Tgt Ion:172 Resp: 1032314

Ion Ratio Lower Upper

172 100

171 34.4 27.9 41.9

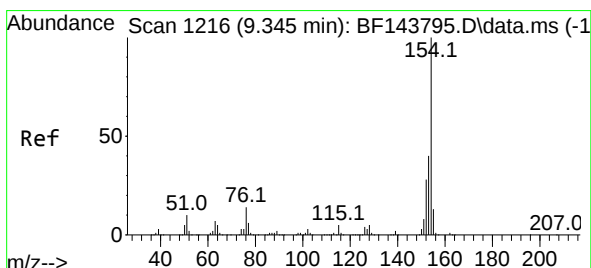
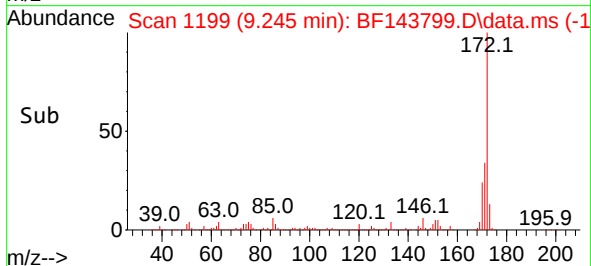
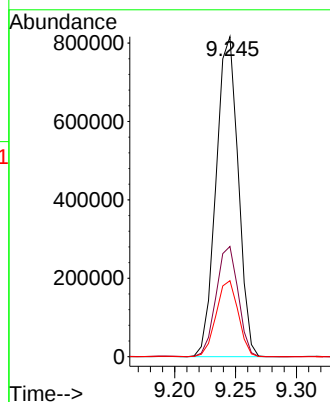
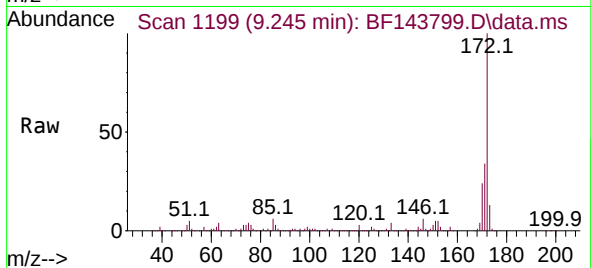
170 23.7 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#46

1,1'-Biphenyl

Concen: 41.254 ng

RT: 9.345 min Scan# 1216

Delta R.T. 0.000 min

Lab File: BF143799.D

Acq: 23 Sep 2025 17:42

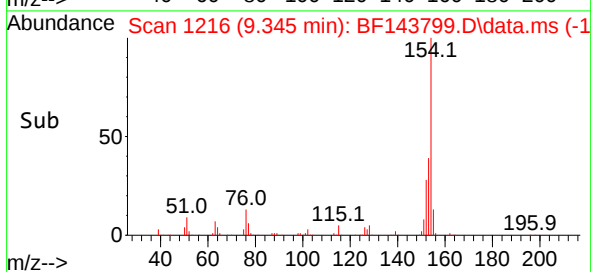
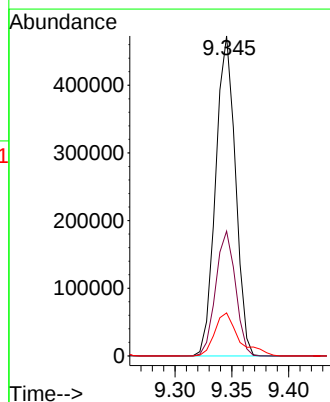
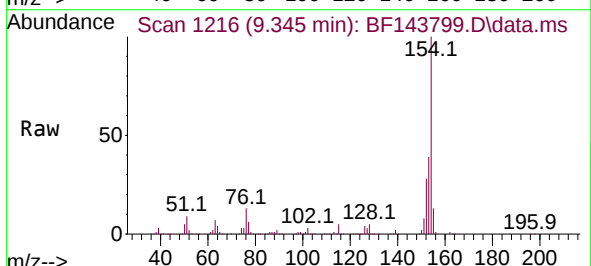
Tgt Ion:154 Resp: 570562

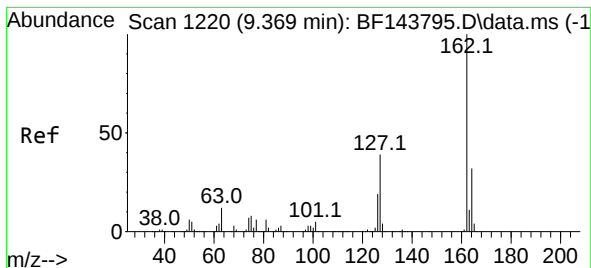
Ion Ratio Lower Upper

154 100

153 39.0 19.7 59.7

76 13.4 0.0 33.8





#47

2-Chloronaphthalene

Concen: 41.133 ng

RT: 9.369 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF143799.D

Acq: 23 Sep 2025 17:42

Instrument :

BNA_F

ClientSampleId :

ICVBF092325

Tgt Ion:162 Resp: 457929

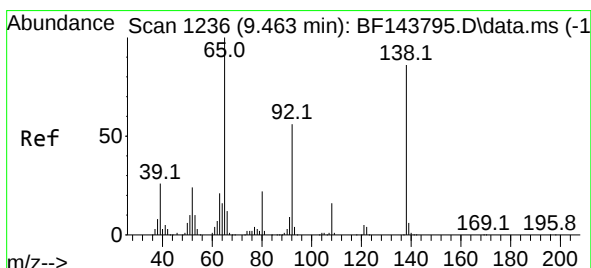
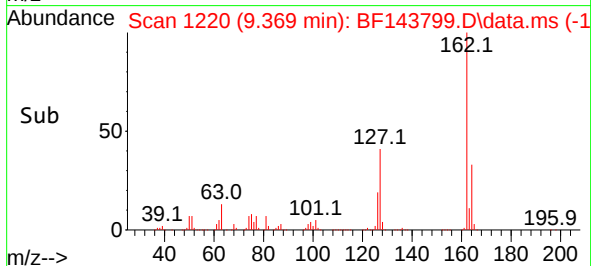
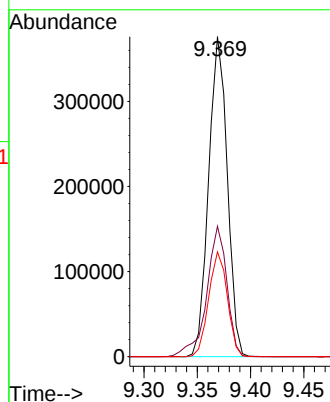
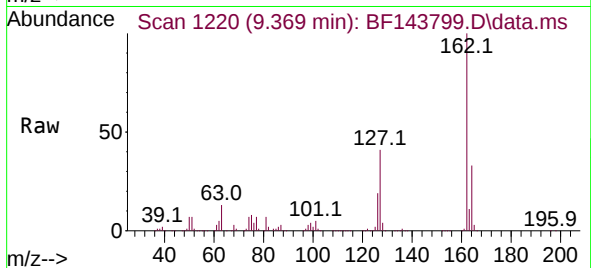
Ion	Ratio	Lower	Upper
162	100		
127	40.7	31.5	47.3
164	32.7	25.9	38.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#48

2-Nitroaniline

Concen: 48.090 ng

RT: 9.463 min Scan# 1236

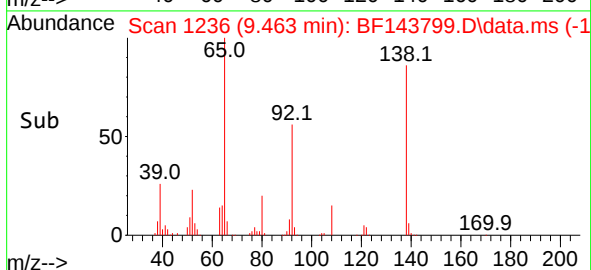
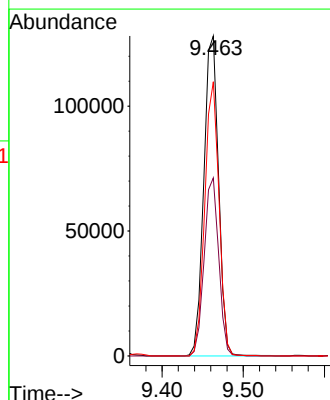
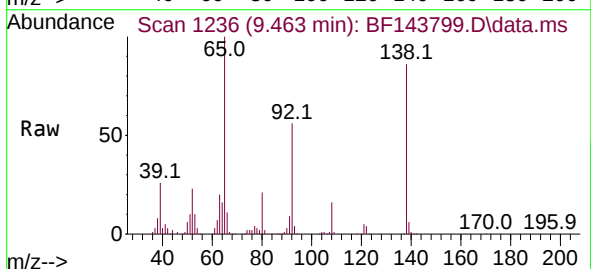
Delta R.T. 0.000 min

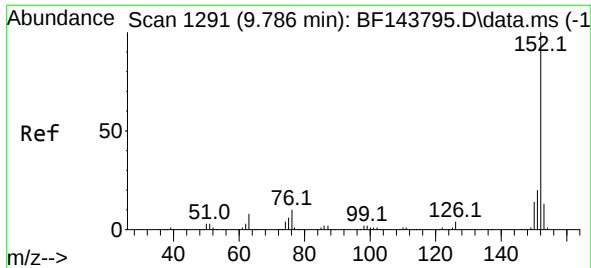
Lab File: BF143799.D

Acq: 23 Sep 2025 17:42

Tgt Ion: 65 Resp: 161814

Ion	Ratio	Lower	Upper
65	100		
92	55.6	44.9	67.3
138	85.7	69.0	103.4





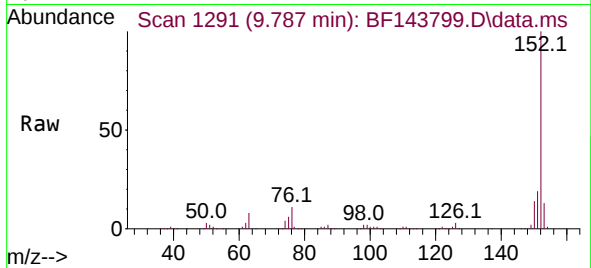
#49
Acenaphthylene
Concen: 42.279 ng
RT: 9.787 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Instrument :

BNA_F

ClientSampleId :

ICVBF092325



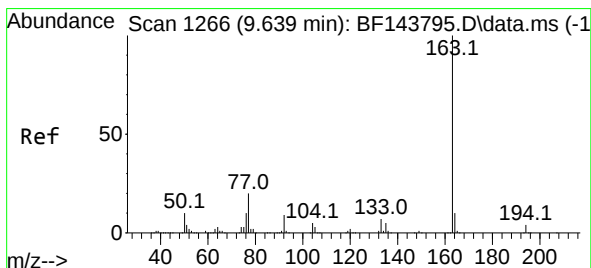
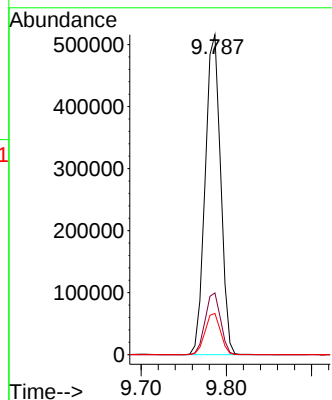
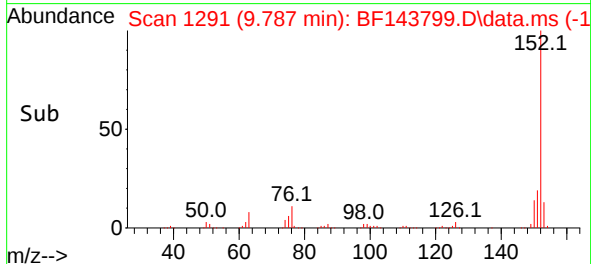
Tgt Ion:152 Resp: 647976
Ion Ratio Lower Upper
152 100
151 19.3 15.7 23.5
153 12.9 10.6 15.8

Manual Integrations

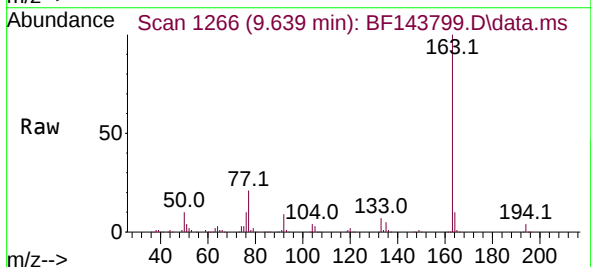
APPROVED

Reviewed By :Rahul Chavli 09/24/2025

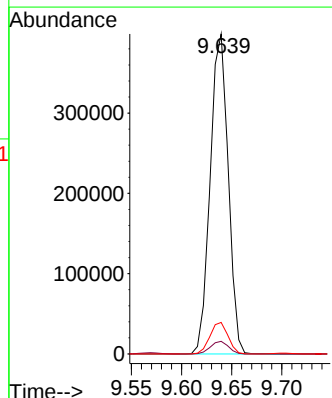
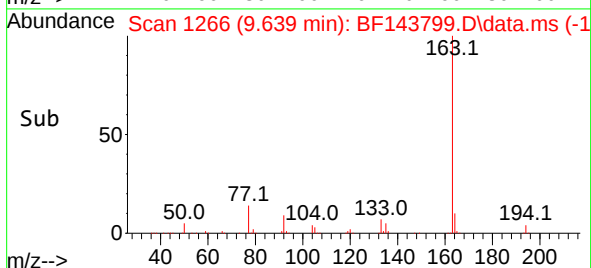
Supervised By :Jagrut Upadhyay 09/24/2025

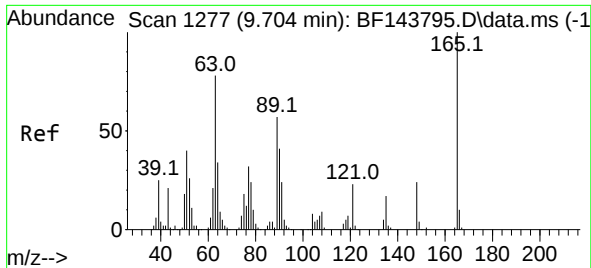


#50
Dimethylphthalate
Concen: 42.624 ng
RT: 9.639 min Scan# 1266
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42



Tgt Ion:163 Resp: 496374
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 9.8 8.2 12.2





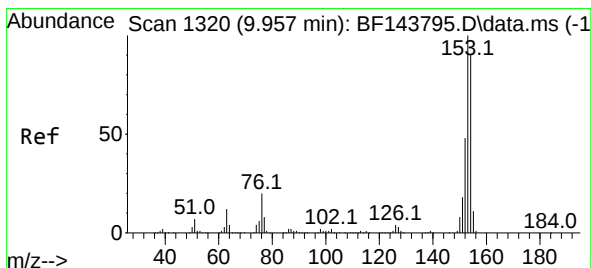
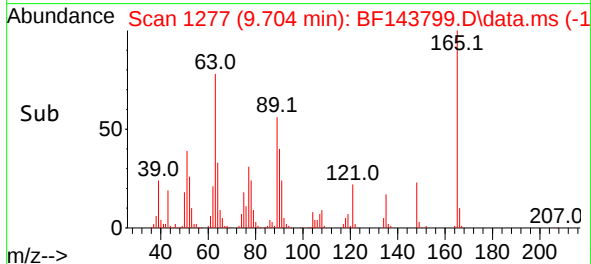
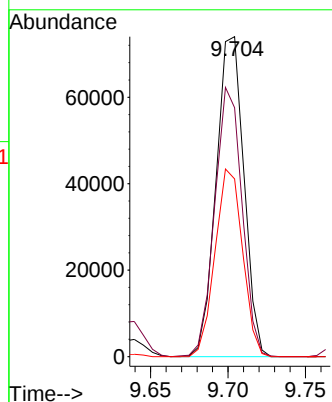
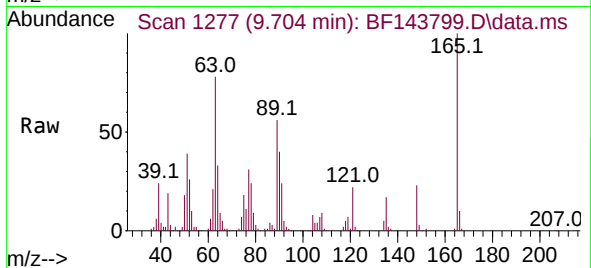
#51
2,6-Dinitrotoluene
Concen: 48.254 ng
RT: 9.704 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Instrument :
BNA_F
ClientSampleId :
ICVBF092325

Tgt Ion:165 Resp: 92326
Ion Ratio Lower Upper
165 100
63 77.8 62.6 94.0
89 55.5 45.2 67.8

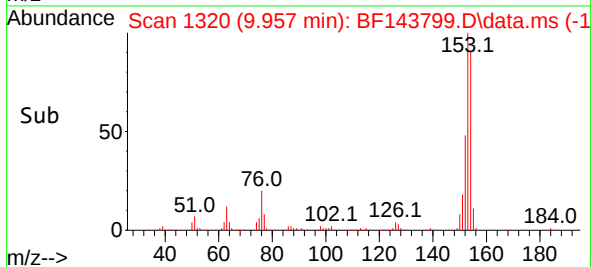
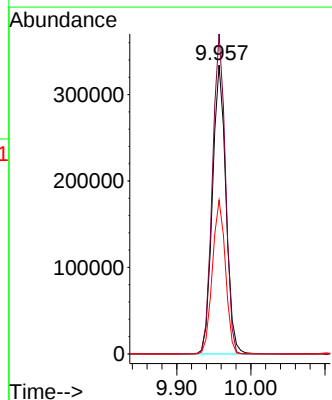
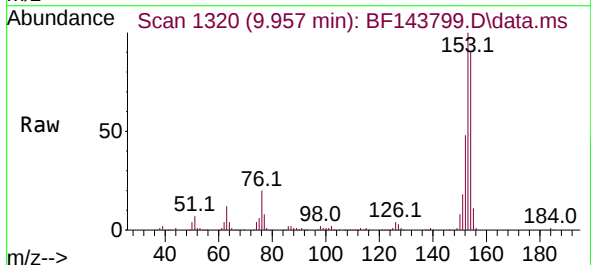
Manual Integrations
APPROVED

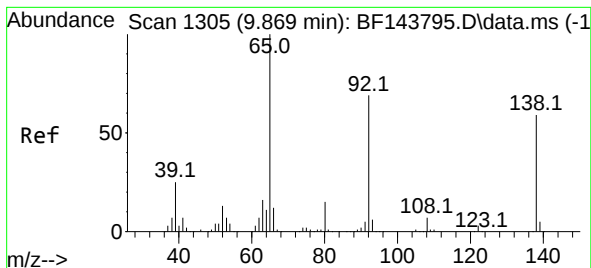
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#52
Acenaphthene
Concen: 41.869 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:154 Resp: 422277
Ion Ratio Lower Upper
154 100
153 110.8 88.7 133.1
152 53.2 42.7 64.1





#53
3-Nitroaniline
Concen: 47.665 ng
RT: 9.869 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Instrument :

BNA_F

ClientSampleId :

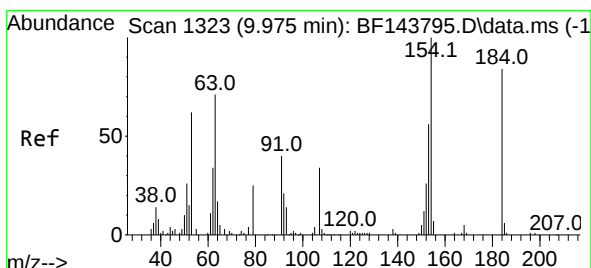
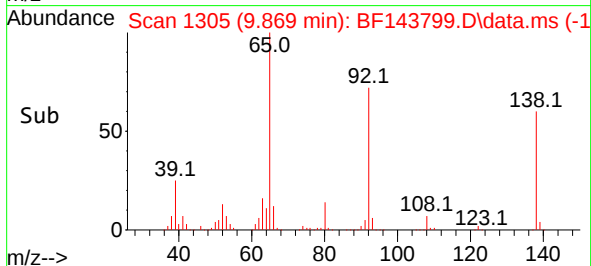
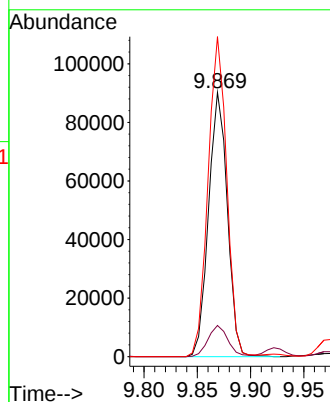
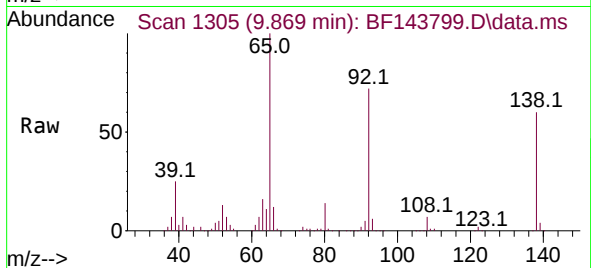
ICVBF092325

Tgt Ion:138 Resp: 110544
Ion Ratio Lower Upper
138 100
108 11.8 9.9 14.9
92 121.1 93.5 140.3

Manual Integrations

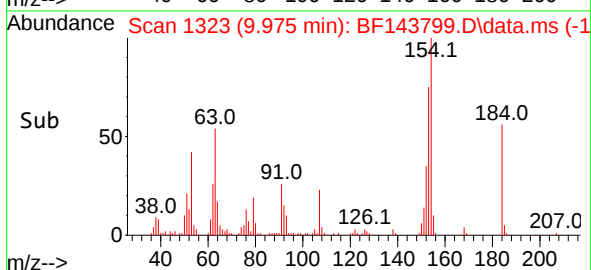
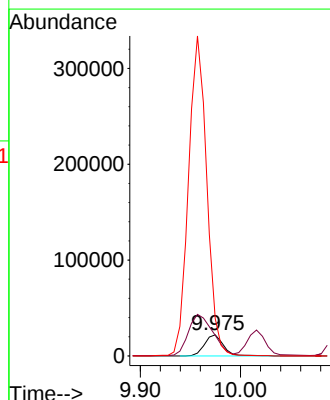
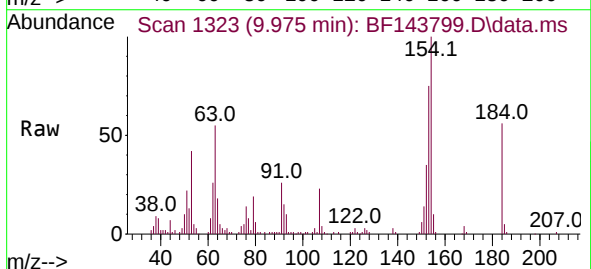
APPROVED

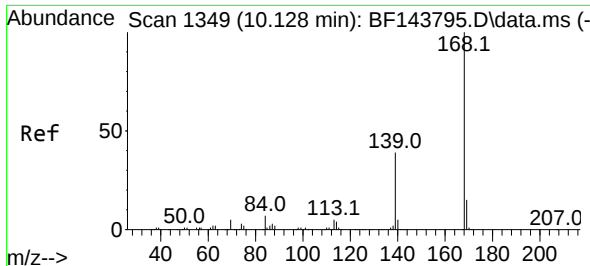
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#54
2,4-Dinitrophenol
Concen: 46.217 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

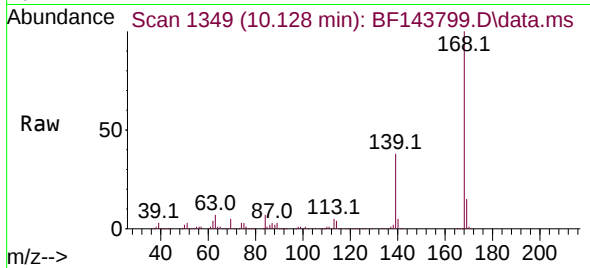
Tgt Ion:184 Resp: 28355
Ion Ratio Lower Upper
184 100
63 97.8 84.6 127.0
154 177.3 199.3 298.9#





#55
Dibenzofuran
Concen: 42.251 ng
RT: 10.128 min Scan# 1349
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

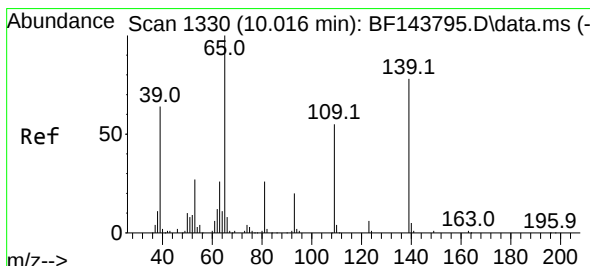
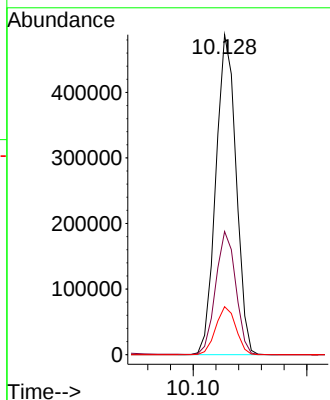
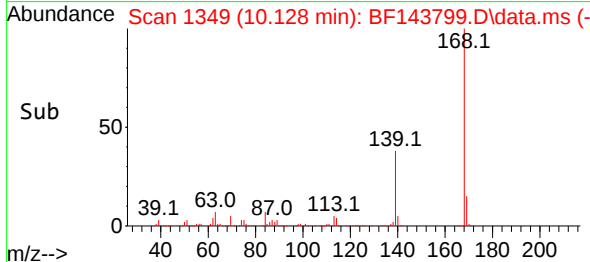
Instrument :
BNA_F
ClientSampleId :
ICVBF092325



Tgt Ion:168 Resp: 602575
Ion Ratio Lower Upper
168 100
139 38.5 31.0 46.6
169 15.0 11.9 17.9

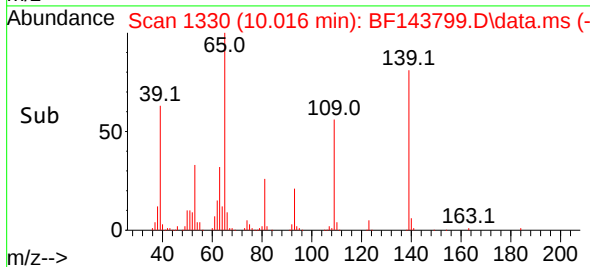
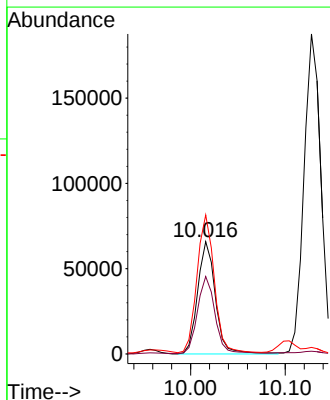
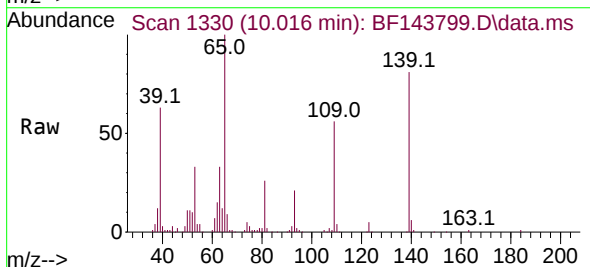
Manual Integrations
APPROVED

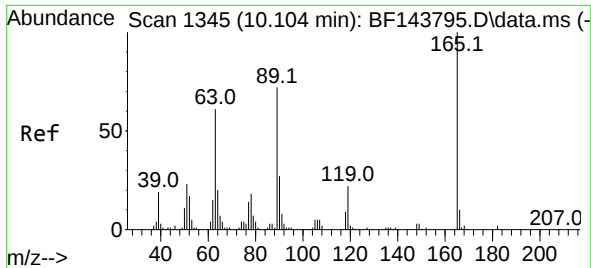
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#56
4-Nitrophenol
Concen: 45.864 ng
RT: 10.016 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:139 Resp: 85715
Ion Ratio Lower Upper
139 100
109 68.8 50.2 90.2
65 123.7 109.2 149.2





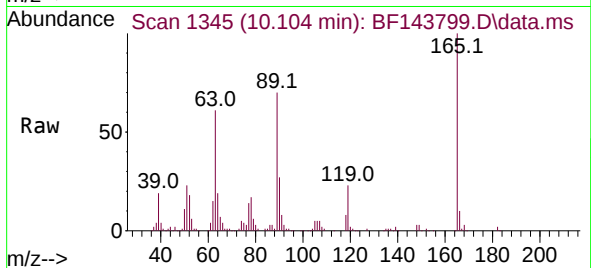
#57
2,4-Dinitrotoluene
Concen: 44.618 ng
RT: 10.104 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Instrument :

BNA_F

ClientSampleId :

ICVBF092325



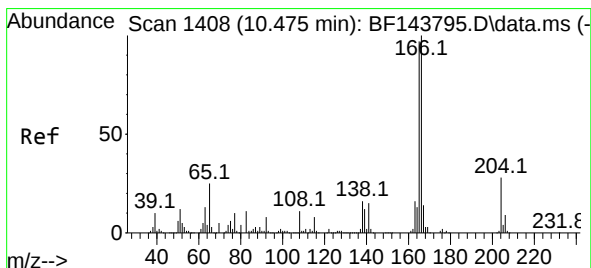
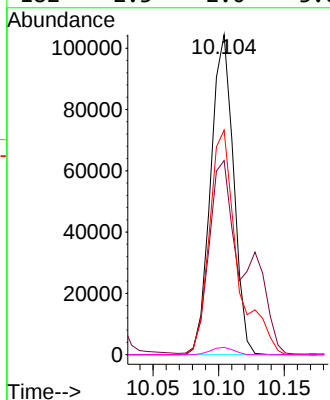
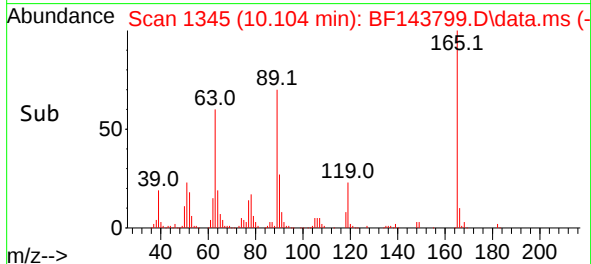
Tgt Ion:165 Resp: 126090
Ion Ratio Lower Upper
165 100
63 60.6 48.9 73.3
89 70.1 57.5 86.3
182 2.3 2.0 3.0

Manual Integrations

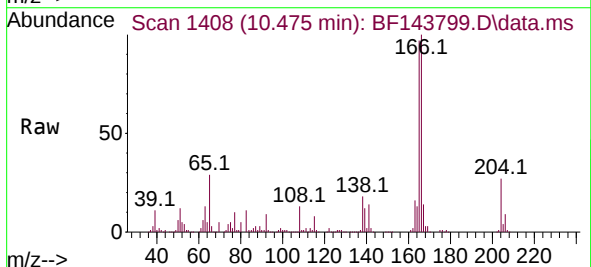
APPROVED

Reviewed By :Rahul Chavli 09/24/2025

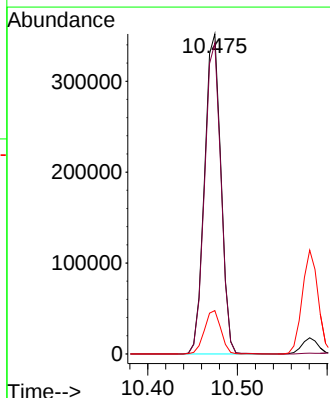
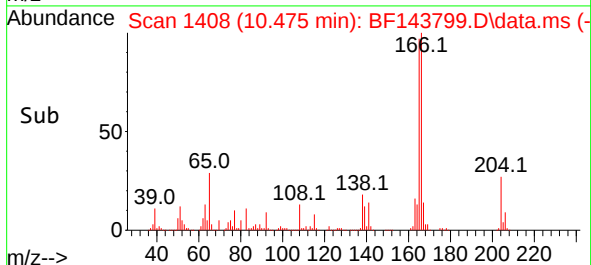
Supervised By :Jagrut Upadhyay 09/24/2025

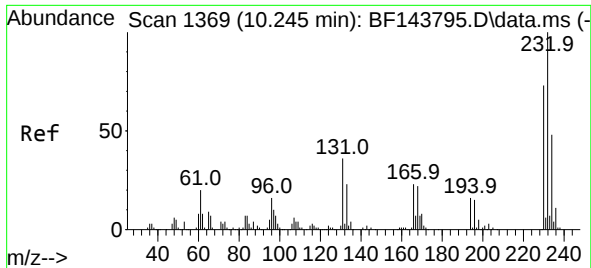


#58
Fluorene
Concen: 42.132 ng
RT: 10.475 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42



Tgt Ion:166 Resp: 446712
Ion Ratio Lower Upper
166 100
165 97.1 78.0 117.0
167 13.5 10.9 16.3





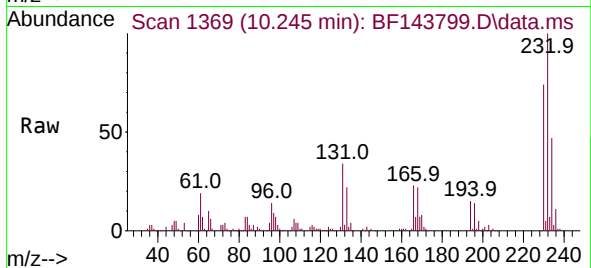
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.097 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Instrument :

BNA_F

ClientSampleId :

ICVBF092325



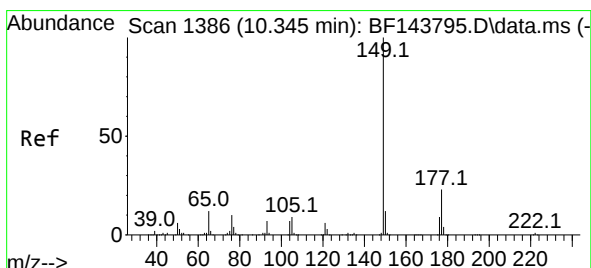
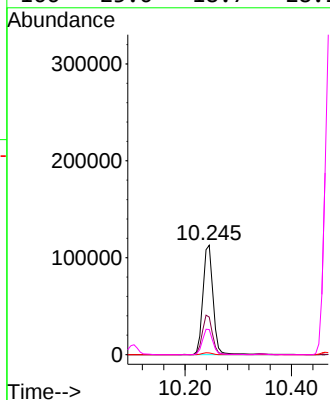
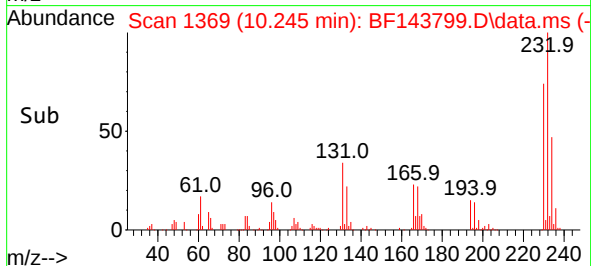
Tgt Ion:232 Resp: 149133
Ion Ratio Lower Upper
232 100
131 35.9 29.4 44.2
130 1.6 1.3 1.9
166 23.6 18.7 28.1

Manual Integrations

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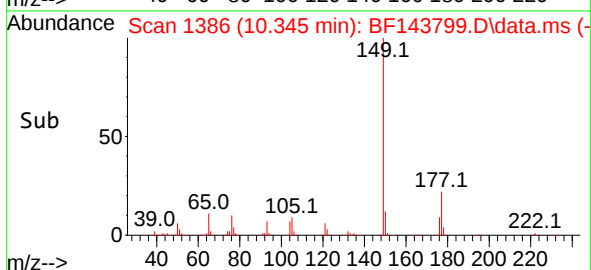
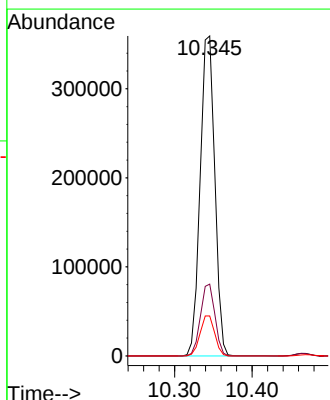
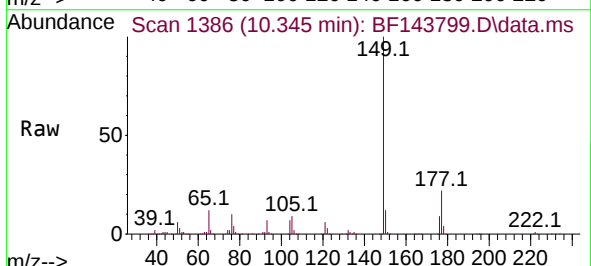
Reviewed By :Rahul Chavli 09/24/2025

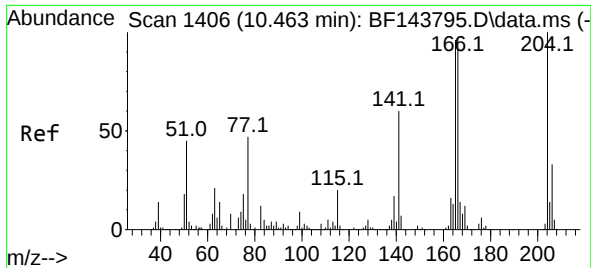
Supervised By :Jagrut Upadhyay 09/24/2025



#60
Diethylphthalate
Concen: 43.199 ng
RT: 10.345 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

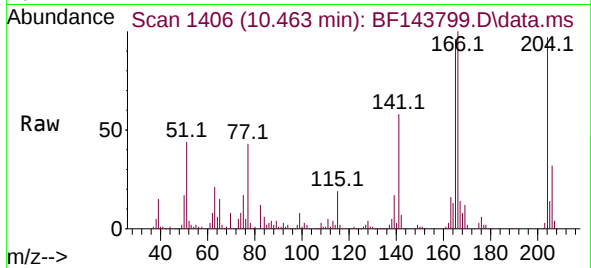
Tgt Ion:149 Resp: 470914
Ion Ratio Lower Upper
149 100
177 22.4 18.1 27.1
150 12.5 9.7 14.5





#61
4-Chlorophenyl-phenylether
Concen: 42.203 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

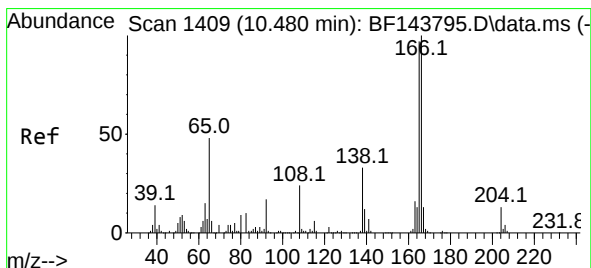
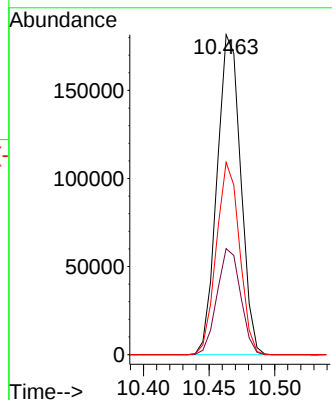
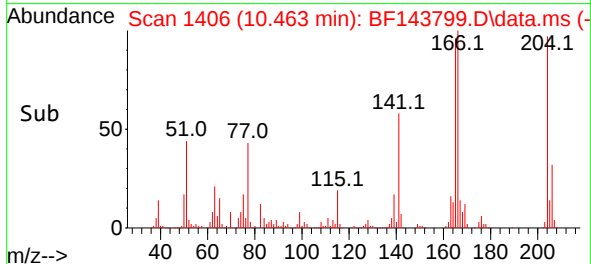
Instrument :
BNA_F
ClientSampleId :
ICVBF092325



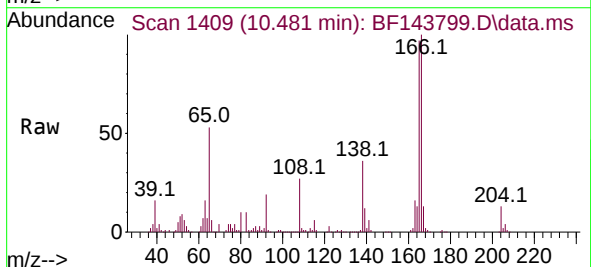
Tgt Ion:204 Resp: 227995
Ion Ratio Lower Upper
204 100
206 33.1 26.7 40.1
141 60.1 48.2 72.2

Manual Integrations
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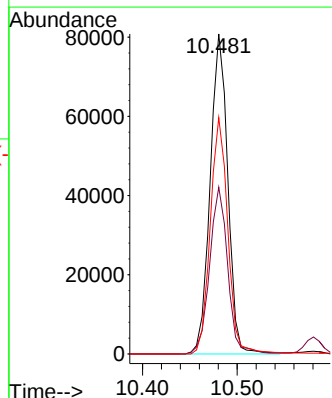
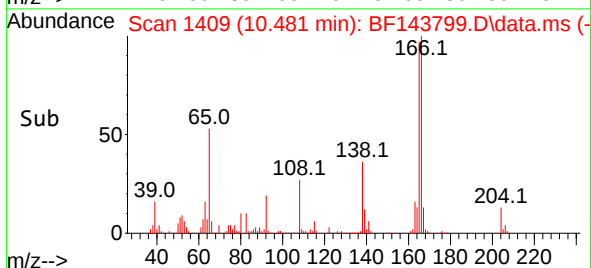
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

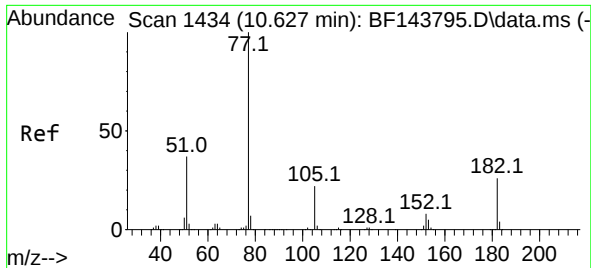


#62
4-Nitroaniline
Concen: 47.936 ng
RT: 10.481 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42



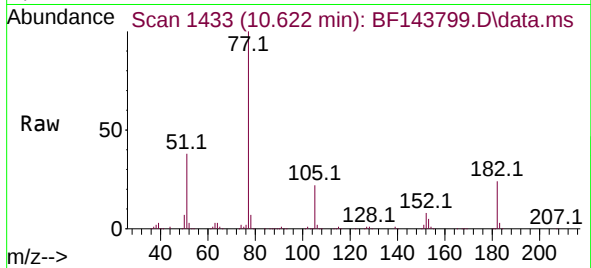
Tgt Ion:138 Resp: 104533
Ion Ratio Lower Upper
138 100
92 52.1 31.5 71.5
108 73.8 51.9 91.9





#63
Azobenzene
Concen: 42.769 ng
RT: 10.622 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

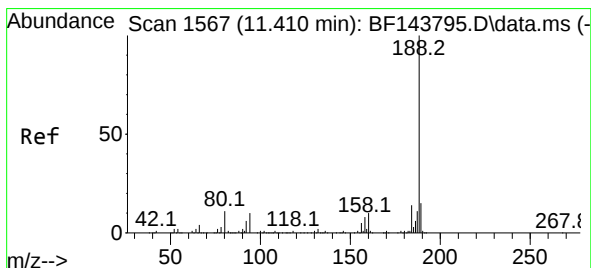
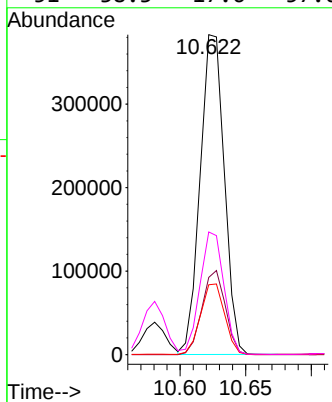
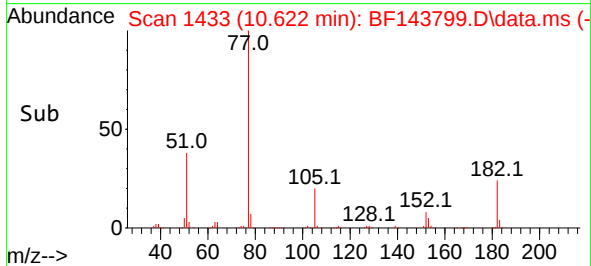
Instrument :
BNA_F
Client Sample Id :
ICVBF092325



Tgt Ion: 77 Resp: 491364
Ion Ratio Lower Upper
77 100
182 24.1 5.9 45.9
105 21.8 2.3 42.3
51 38.3 17.6 57.6

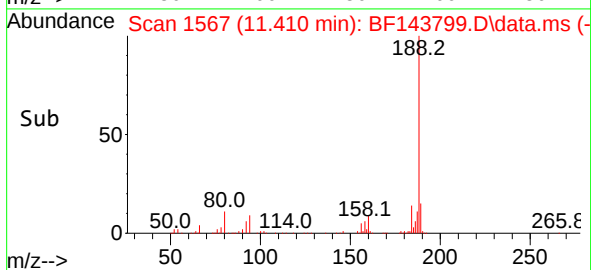
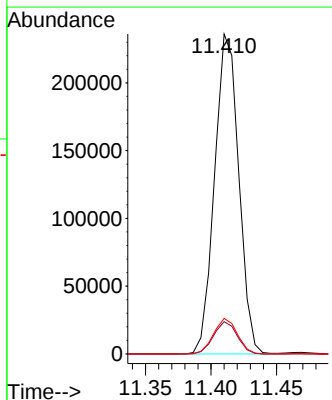
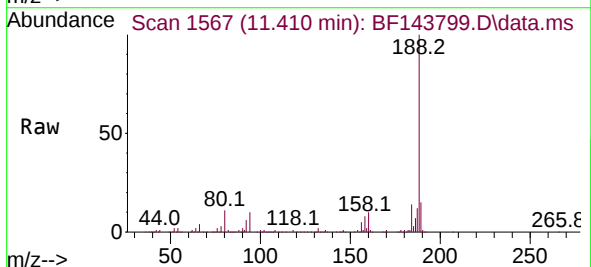
Manual Integrations
APPROVED

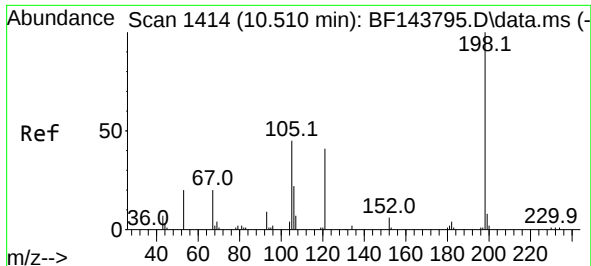
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

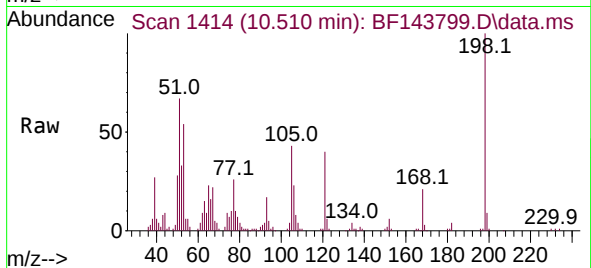
Tgt Ion:188 Resp: 302827
Ion Ratio Lower Upper
188 100
94 10.1 8.2 12.2
80 11.1 8.6 12.8





#65
4,6-Dinitro-2-methylphenol
Concen: 45.452 ng
RT: 10.510 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

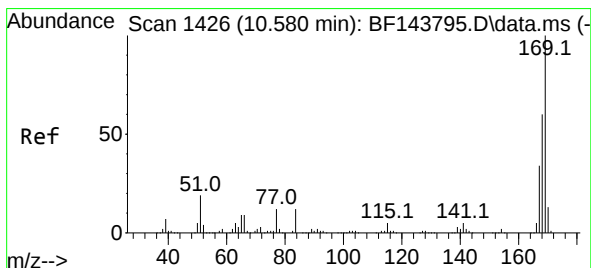
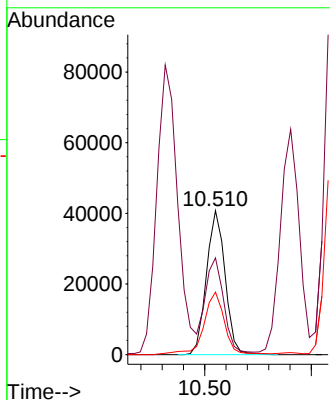
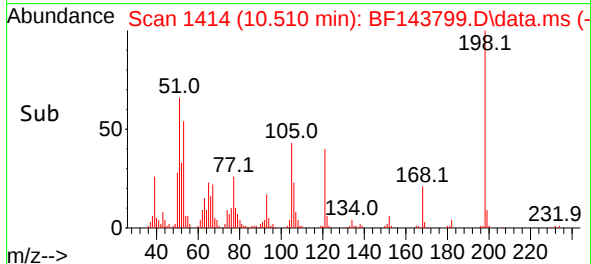
Instrument :
BNA_F
ClientSampleId :
ICVBF092325



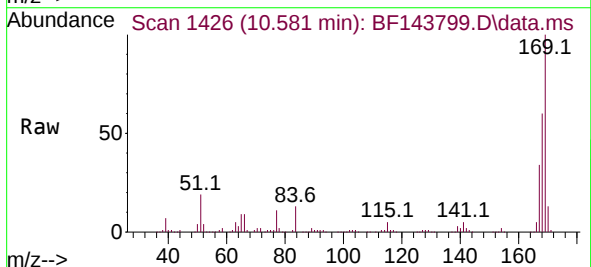
Tgt Ion:198 Resp: 49519
Ion Ratio Lower Upper
198 100
51 67.2 52.0 92.0
105 43.5 27.5 67.5

Manual Integrations
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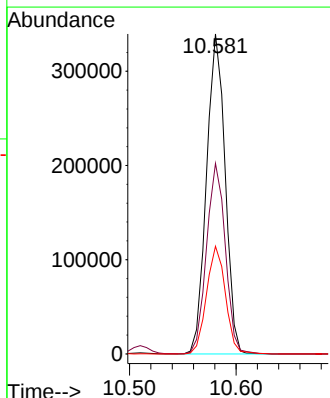
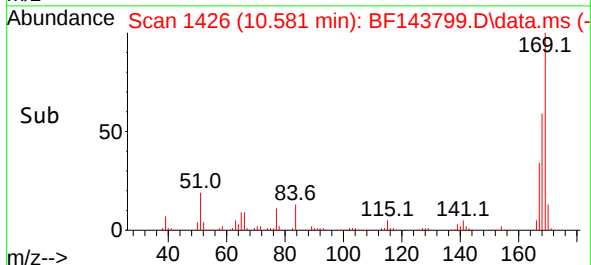
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

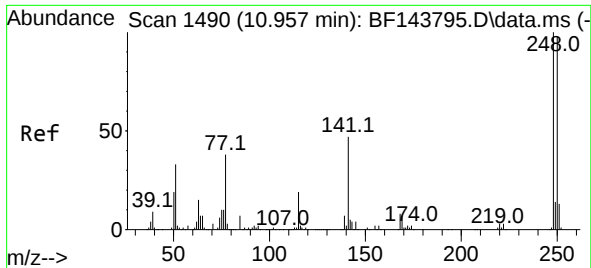


#66
n-Nitrosodiphenylamine
Concen: 41.480 ng
RT: 10.581 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42



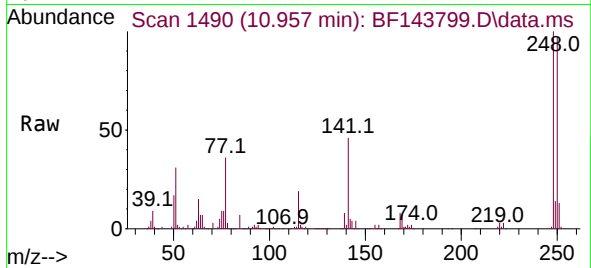
Tgt Ion:169 Resp: 413097
Ion Ratio Lower Upper
169 100
168 59.5 47.9 71.9
167 33.6 27.0 40.6





#67
4-Bromophenyl-phenylether
Concen: 42.884 ng
RT: 10.957 min Scan# 1490
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

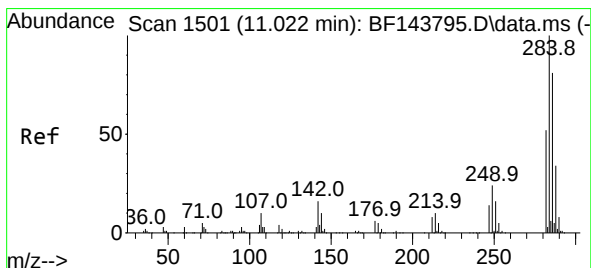
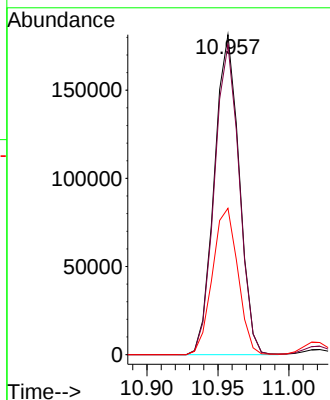
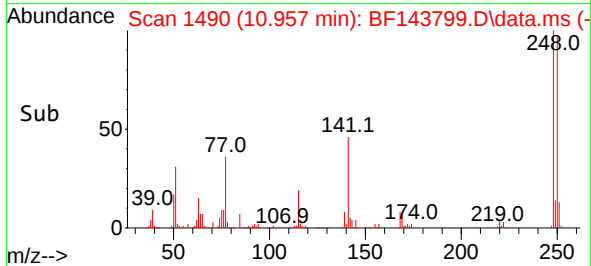
Instrument :
BNA_F
ClientSampleId :
ICVBF092325



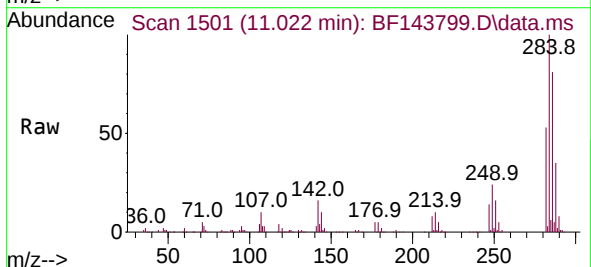
Tgt Ion:248 Resp: 221312
Ion Ratio Lower Upper
248 100
250 96.9 78.7 118.1
141 45.7 37.9 56.9

Manual Integrations
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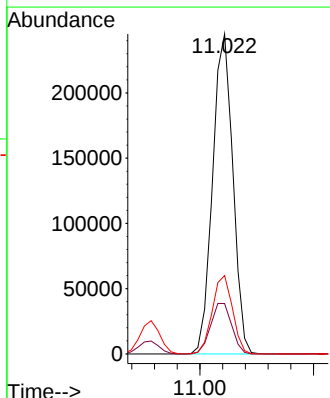
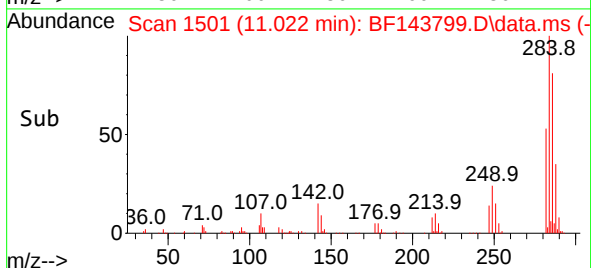
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

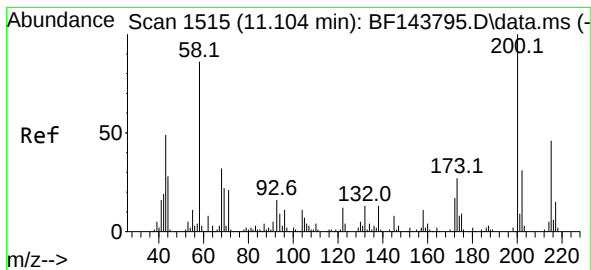


#68
Hexachlorobenzene
Concen: 42.661 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42



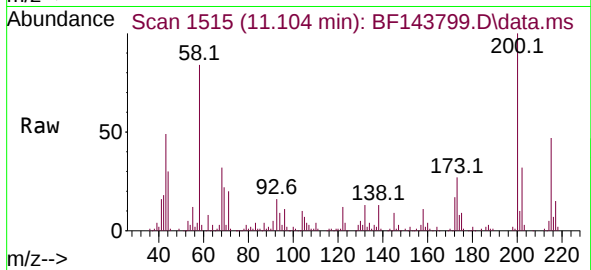
Tgt Ion:284 Resp: 303404
Ion Ratio Lower Upper
284 100
142 15.7 13.1 19.7
249 24.5 19.5 29.3





#69
 Atrazine
 Concen: 45.083 ng
 RT: 11.104 min Scan# 1515
 Delta R.T. -0.006 min
 Lab File: BF143799.D
 Acq: 23 Sep 2025 17:42

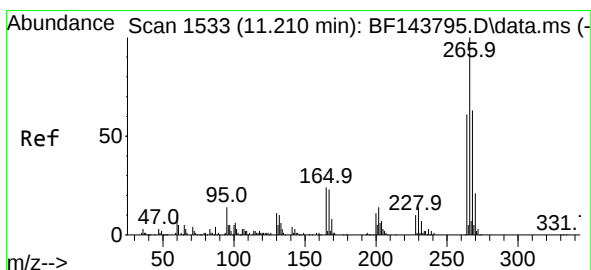
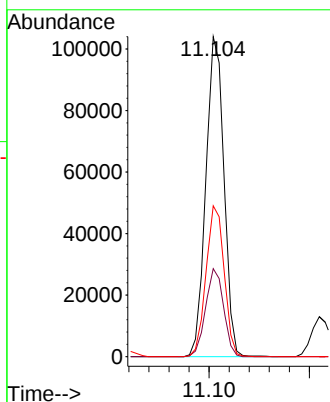
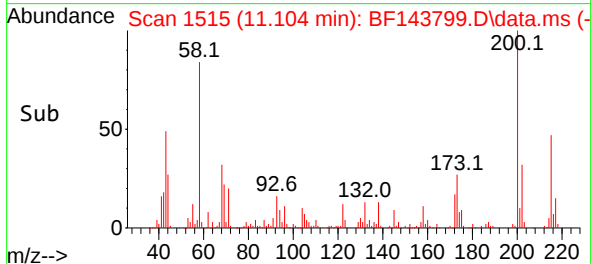
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF092325



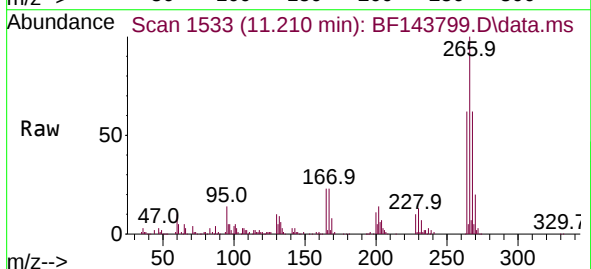
Tgt Ion:200 Resp: 130018
 Ion Ratio Lower Upper
 200 100
 173 27.5 7.2 47.2
 215 47.1 26.0 66.0

Manual Integrations
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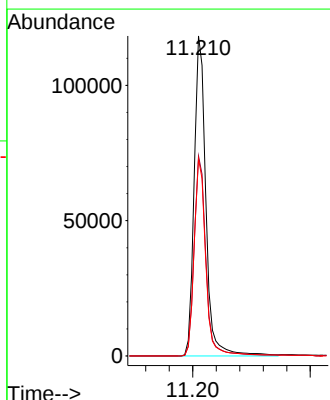
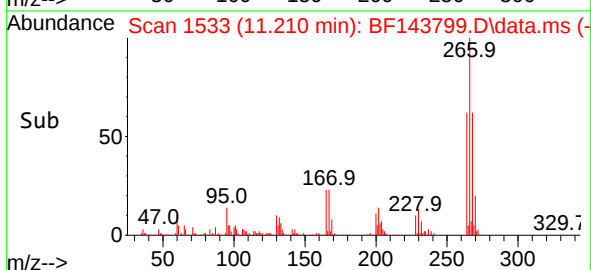
Reviewed By :Rahul Chavli 09/24/2025
 Supervised By :Jagrut Upadhyay 09/24/2025

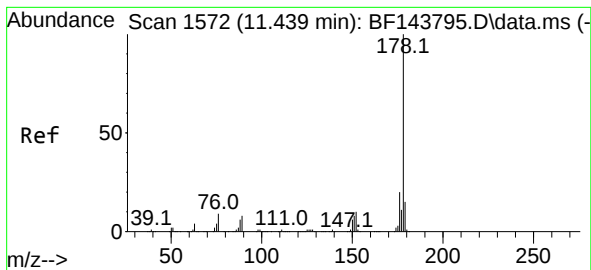


#70
 Pentachlorophenol
 Concen: 46.307 ng
 RT: 11.210 min Scan# 1533
 Delta R.T. -0.006 min
 Lab File: BF143799.D
 Acq: 23 Sep 2025 17:42



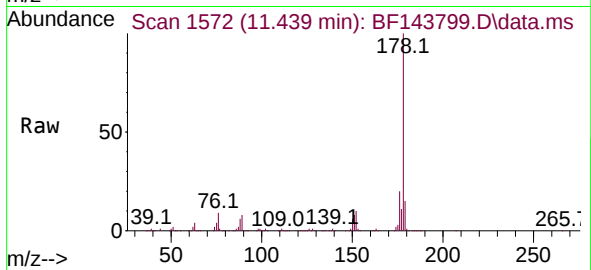
Tgt Ion:266 Resp: 163934
 Ion Ratio Lower Upper
 266 100
 268 62.5 50.5 75.7
 264 61.7 48.8 73.2





#71
Phenanthrene
Concen: 42.299 ng
RT: 11.439 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

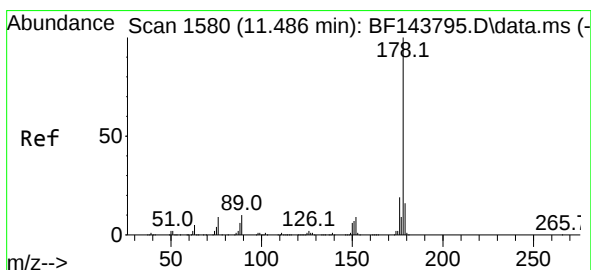
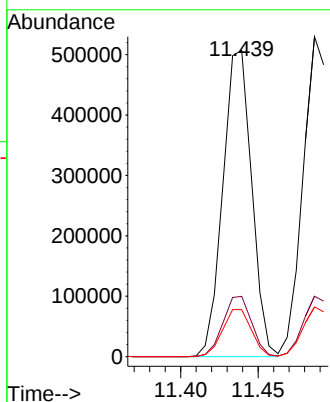
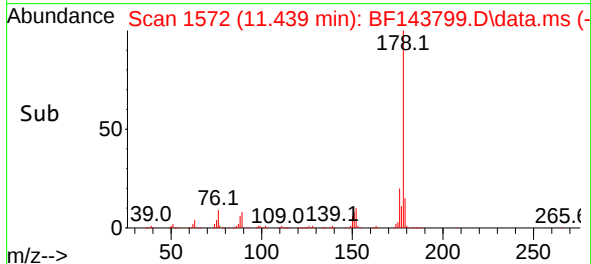
Instrument :
BNA_F
ClientSampleId :
ICVBF092325



Tgt Ion:178 Resp: 657630
Ion Ratio Lower Upper
178 100
176 19.6 15.6 23.4
179 15.3 12.2 18.4

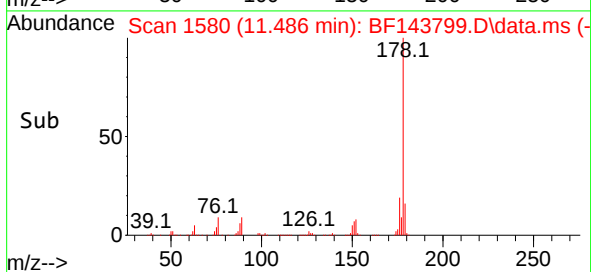
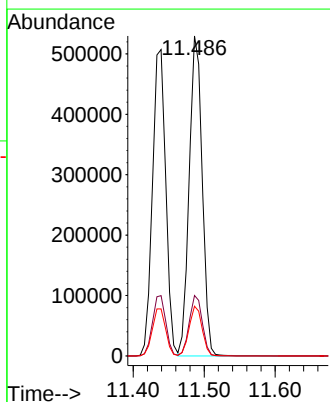
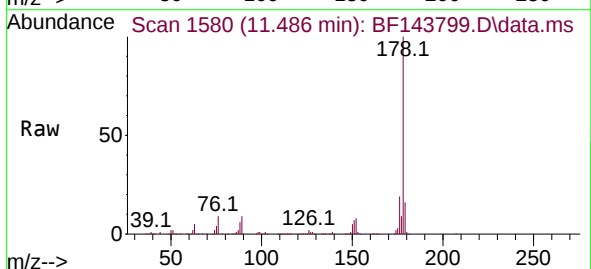
Manual Integrations
APPROVED

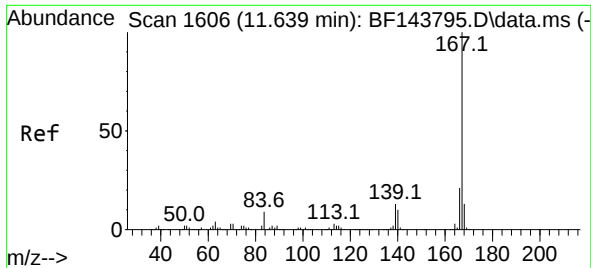
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#72
Anthracene
Concen: 43.252 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

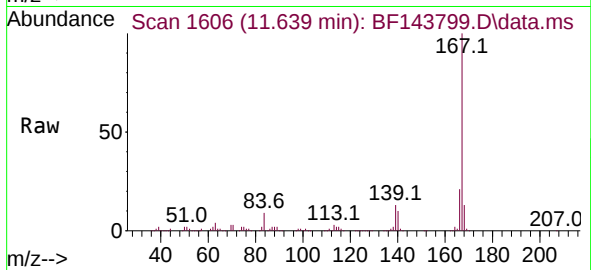
Tgt Ion:178 Resp: 674513
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.5 12.8 19.2





#73
 Carbazole
 Concen: 44.114 ng
 RT: 11.639 min Scan# 1606
 Delta R.T. -0.006 min
 Lab File: BF143799.D
 Acq: 23 Sep 2025 17:42

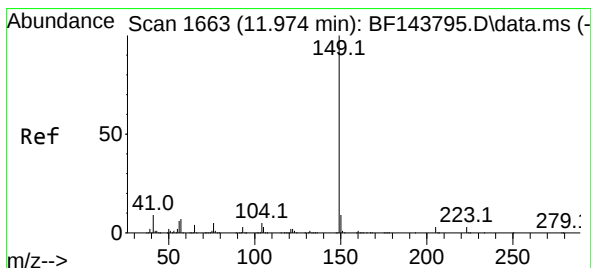
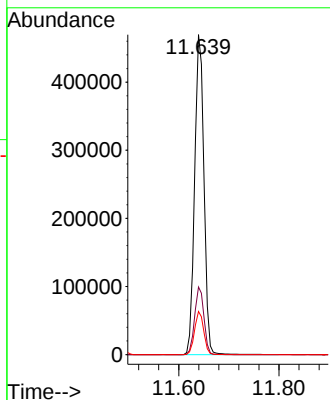
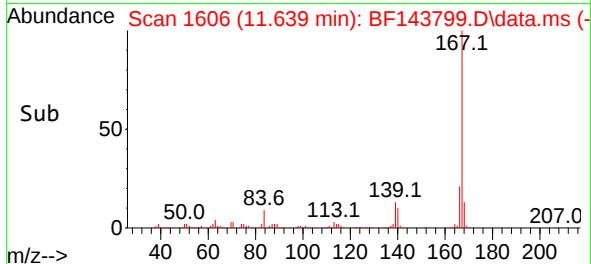
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF092325



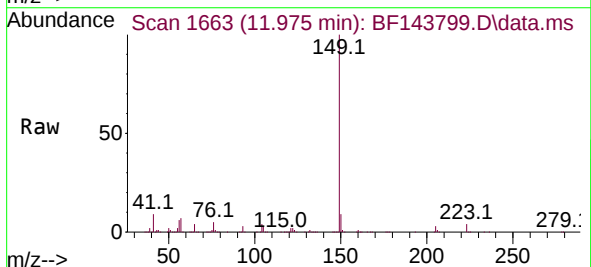
Tgt Ion:167 Resp: 601493
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.0 25.4
 139 13.5 10.6 15.8

Manual Integrations
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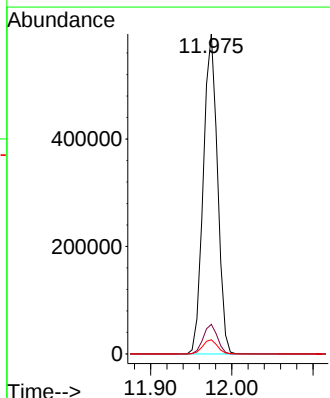
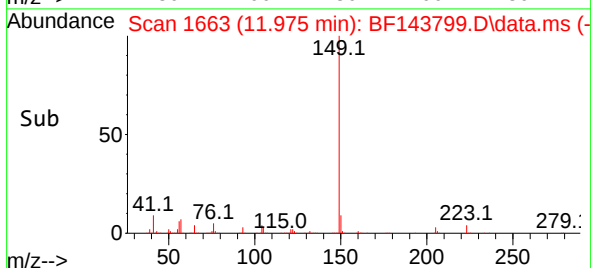
Reviewed By :Rahul Chavli 09/24/2025
 Supervised By :Jagrut Upadhyay 09/24/2025

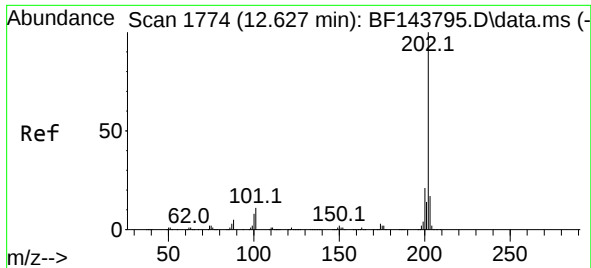


#74
 Di-n-butylphthalate
 Concen: 46.182 ng
 RT: 11.975 min Scan# 1663
 Delta R.T. 0.000 min
 Lab File: BF143799.D
 Acq: 23 Sep 2025 17:42



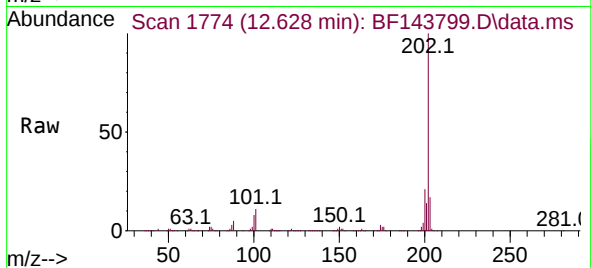
Tgt Ion:149 Resp: 724195
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 4.5 3.6 5.4





#75
Fluoranthene
Concen: 46.027 ng
RT: 12.628 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

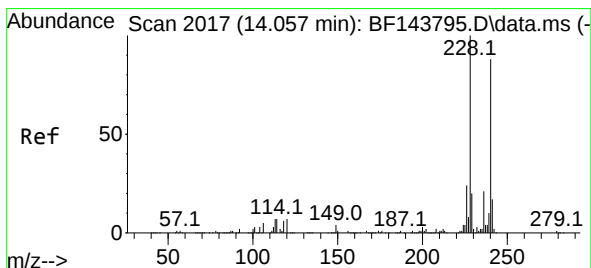
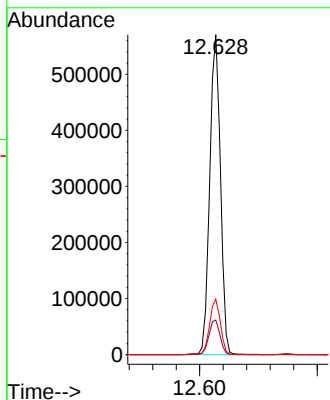
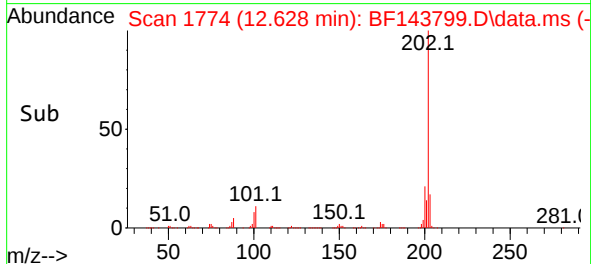
Instrument :
BNA_F
ClientSampleId :
ICVBF092325



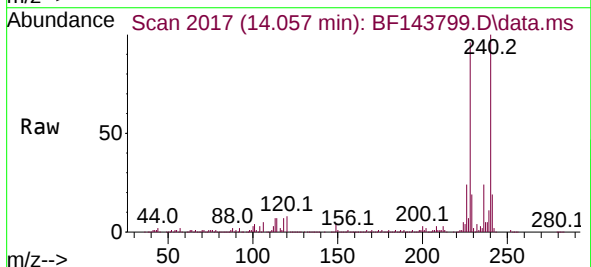
Tgt Ion:202 Resp: 719722
Ion Ratio Lower Upper
202 100
101 10.8 0.0 31.1
203 17.3 0.0 37.4

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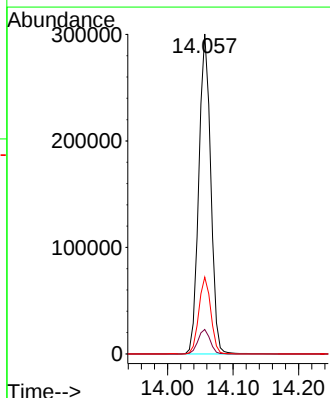
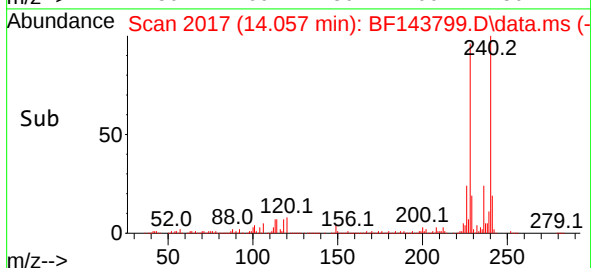
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

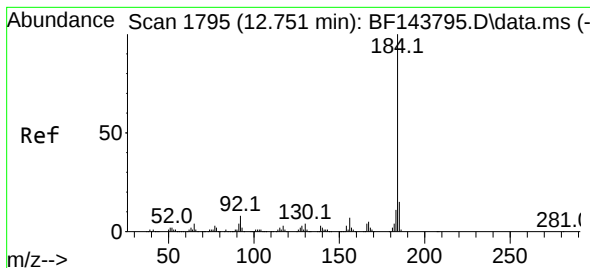


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42



Tgt Ion:240 Resp: 375572
Ion Ratio Lower Upper
240 100
120 7.6 6.2 9.4
236 24.0 19.4 29.2





#77

Benzidine

Concen: 40.236 ng

RT: 12.751 min Scan# 1795

Delta R.T. 0.000 min

Lab File: BF143799.D

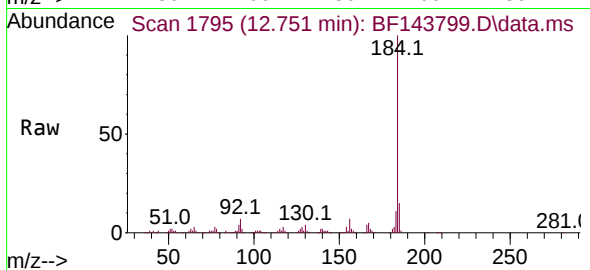
Acq: 23 Sep 2025 17:42

Instrument :

BNA_F

ClientSampleId :

ICVBF092325



Tgt Ion:184 Resp: 368236

Ion Ratio Lower Upper

184 100

185 14.8 11.6 17.4

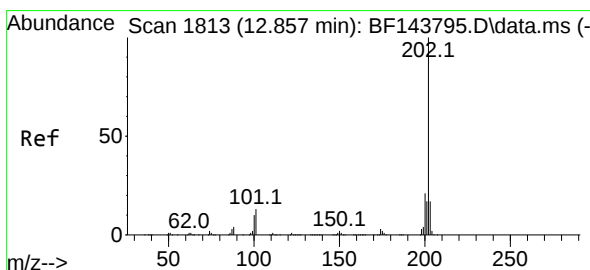
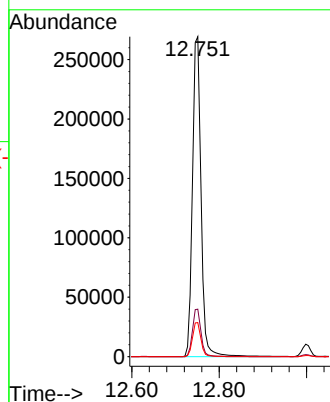
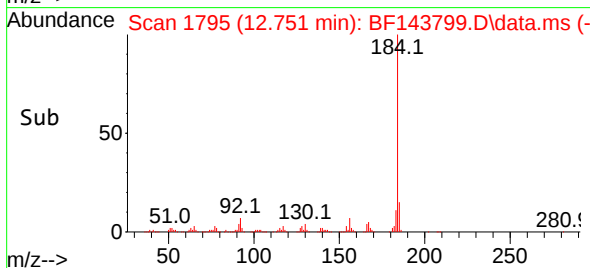
183 10.6 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#78

Pyrene

Concen: 41.117 ng

RT: 12.857 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BF143799.D

Acq: 23 Sep 2025 17:42

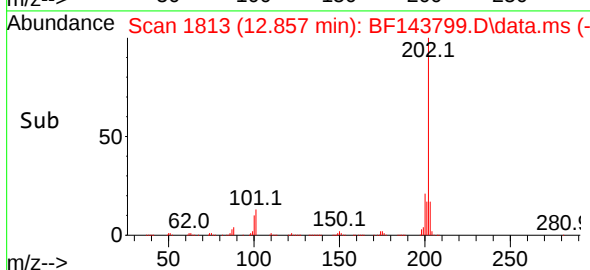
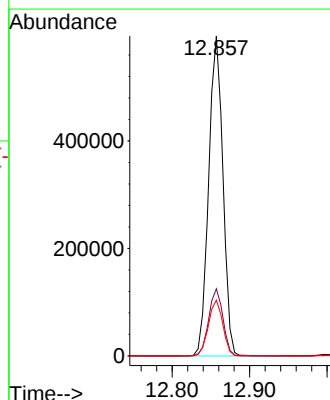
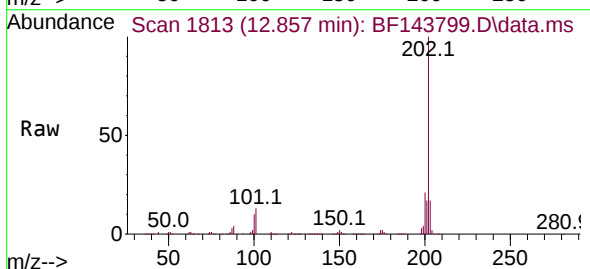
Tgt Ion:202 Resp: 759210

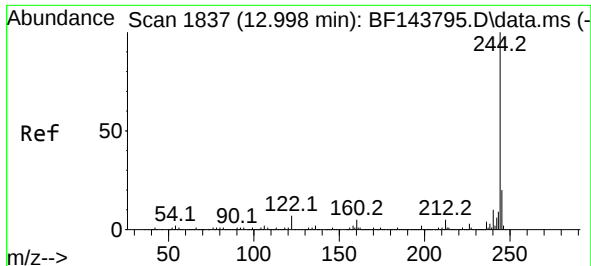
Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.4

203 17.4 13.9 20.9





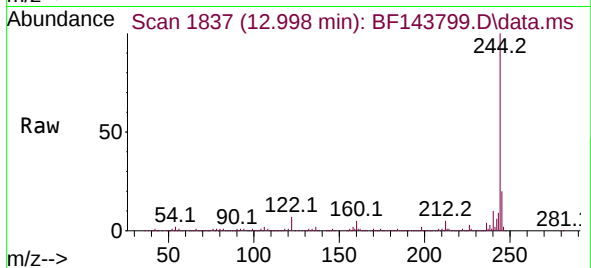
#79
 Terphenyl-d14
 Concen: 80.752 ng
 RT: 12.998 min Scan# 1837
 Delta R.T. -0.006 min
 Lab File: BF143799.D
 Acq: 23 Sep 2025 17:42

Instrument :

BNA_F

ClientSampleId :

ICVBF092325



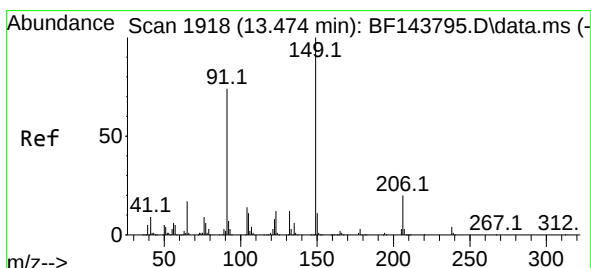
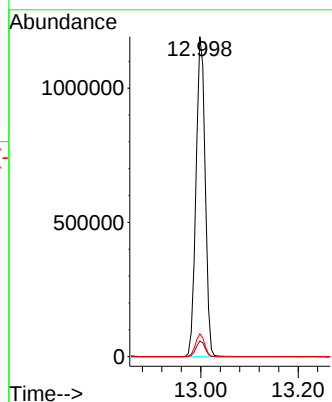
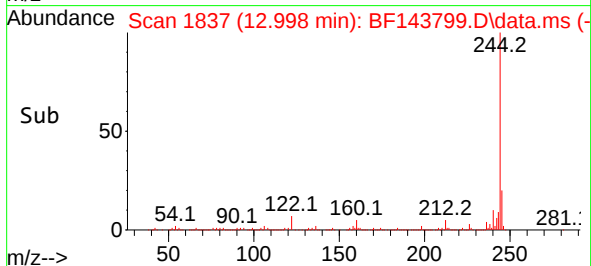
Tgt Ion:244 Resp: 1544756
 Ion Ratio Lower Upper
 244 100
 212 4.9 3.9 5.9
 122 7.1 5.6 8.4

Manual Integrations

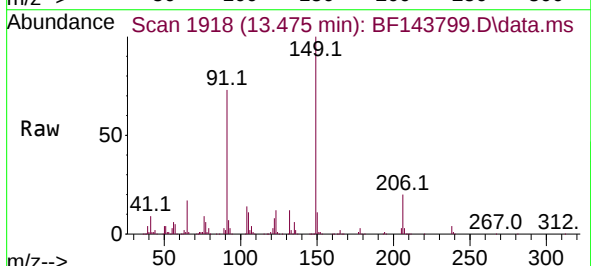
APPROVED

Reviewed By :Rahul Chavli 09/24/2025

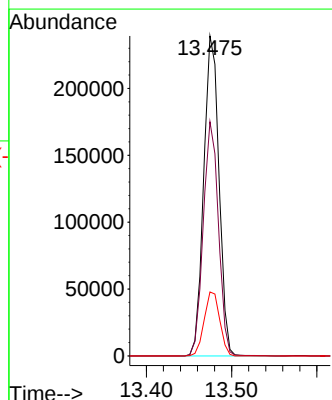
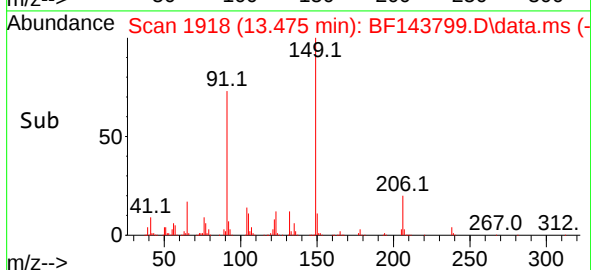
Supervised By :Jagrut Upadhyay 09/24/2025

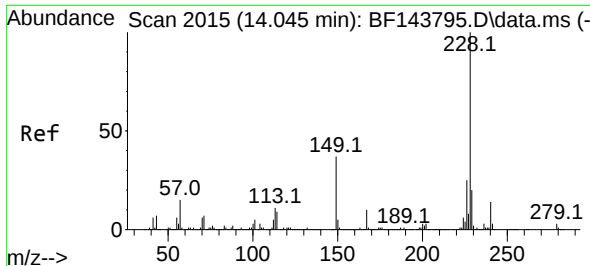


#80
 Butylbenzylphthalate
 Concen: 46.674 ng
 RT: 13.475 min Scan# 1918
 Delta R.T. -0.006 min
 Lab File: BF143799.D
 Acq: 23 Sep 2025 17:42



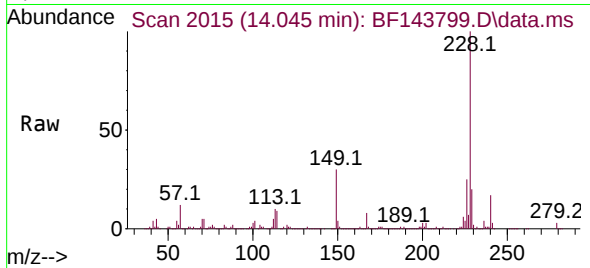
Tgt Ion:149 Resp: 298166
 Ion Ratio Lower Upper
 149 100
 91 73.2 59.5 89.3
 206 20.0 16.1 24.1





#81
Benzo(a)anthracene
Concen: 41.296 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

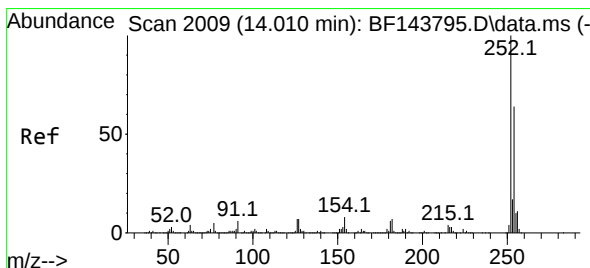
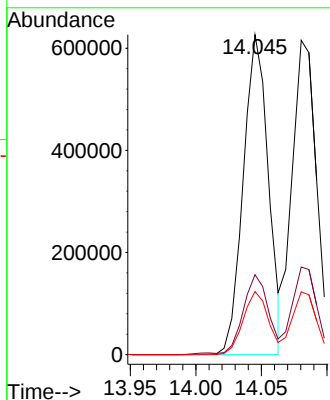
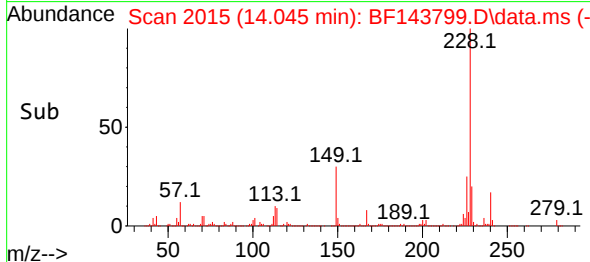
Instrument :
BNA_F
ClientSampleId :
ICVBF092325



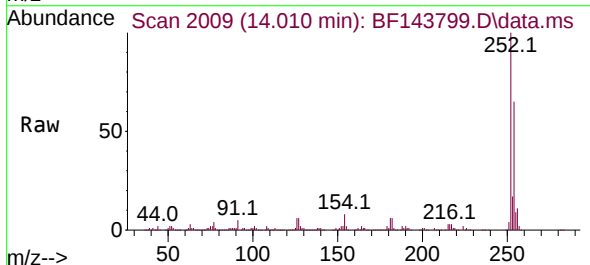
Tgt Ion:228 Resp: 833201
Ion Ratio Lower Upper
228 100
226 25.0 20.2 30.2
229 19.7 16.1 24.1

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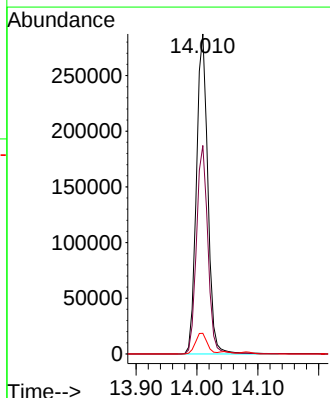
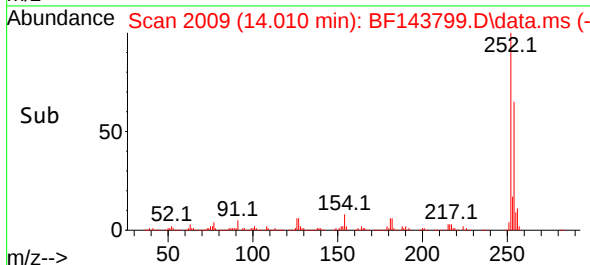
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

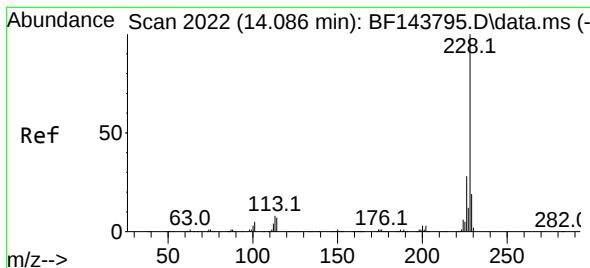


#82
3,3'-Dichlorobenzidine
Concen: 42.723 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42



Tgt Ion:252 Resp: 373433
Ion Ratio Lower Upper
252 100
254 65.2 51.5 77.3
126 6.4 5.4 8.2





#83

Chrysene

Concen: 43.791 ng

RT: 14.080 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF143799.D

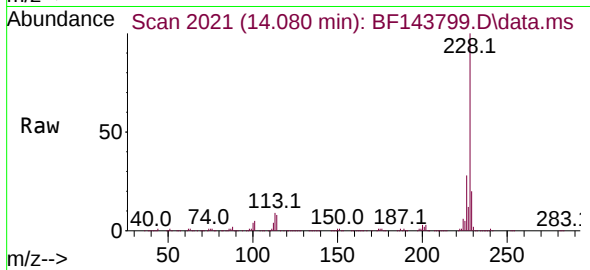
Acq: 23 Sep 2025 17:42

Instrument :

BNA_F

ClientSampleId :

ICVBF092325



Tgt Ion:228 Resp: 799482

Ion Ratio Lower Upper

228 100

226 27.9 22.6 33.8

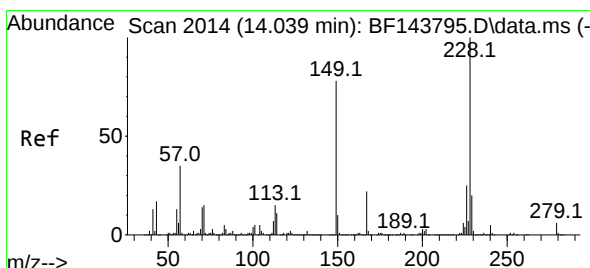
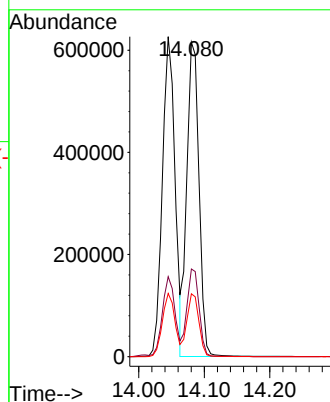
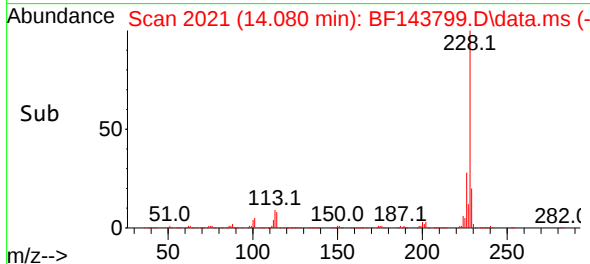
229 20.0 15.6 23.4

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.704 ng

RT: 14.033 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF143799.D

Acq: 23 Sep 2025 17:42

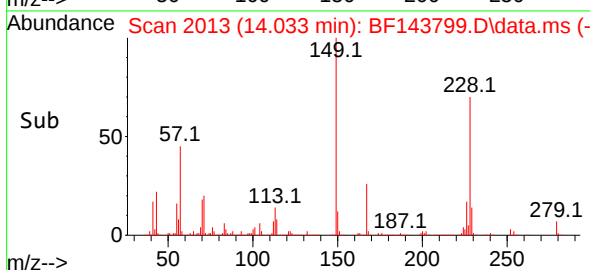
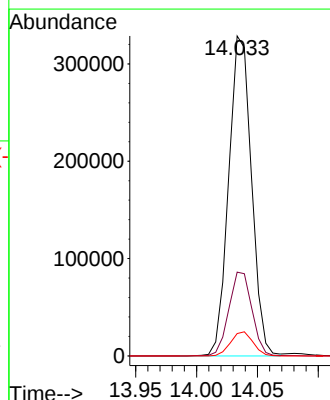
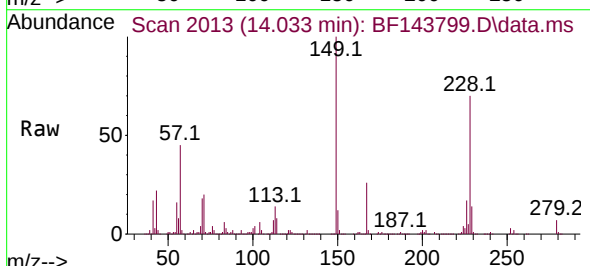
Tgt Ion:149 Resp: 427966

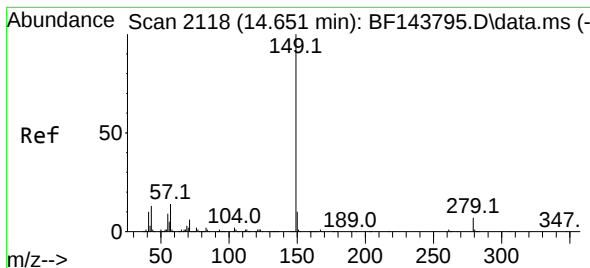
Ion Ratio Lower Upper

149 100

167 26.2 22.2 33.2

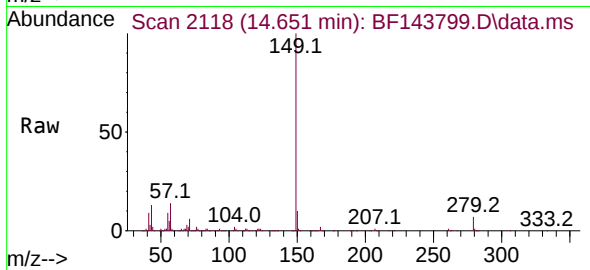
279 7.0 6.0 9.0





#85
Di-n-octyl phthalate
Concen: 44.512 ng
RT: 14.651 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

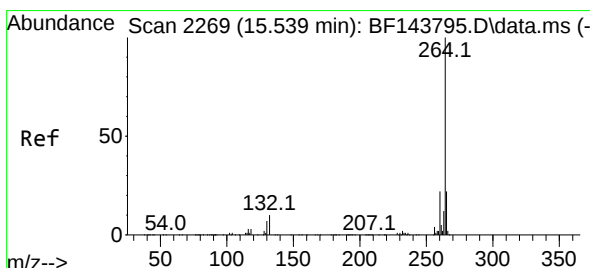
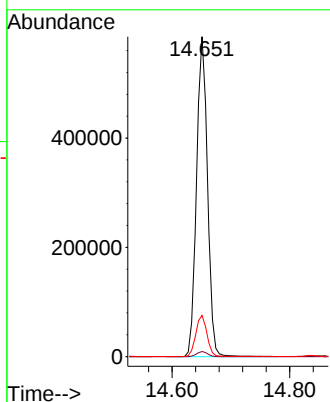
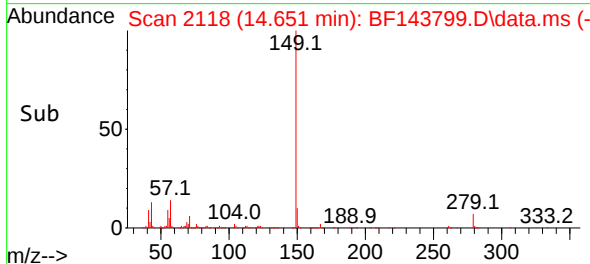
Instrument :
BNA_F
ClientSampleId :
ICVBF092325



Tgt Ion:149 Resp: 756048
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 13.1 10.7 16.1

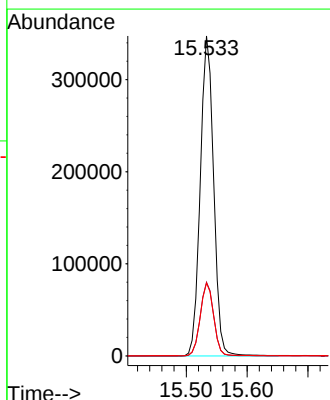
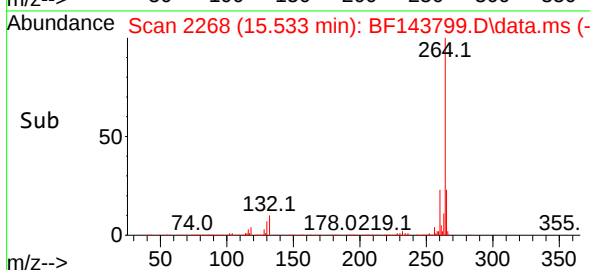
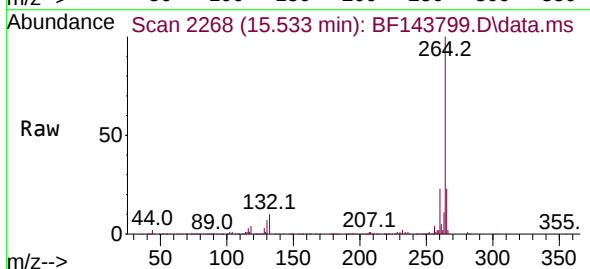
Manual Integrations
APPROVED

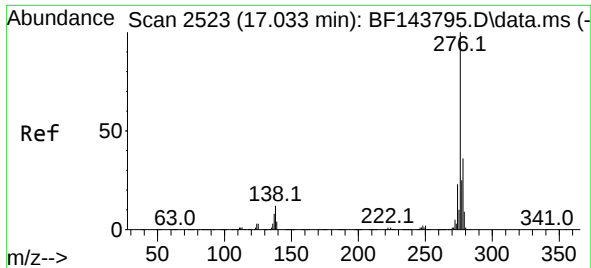
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:264 Resp: 528363
Ion Ratio Lower Upper
264 100
260 23.0 17.9 26.9
265 22.8 17.7 26.5





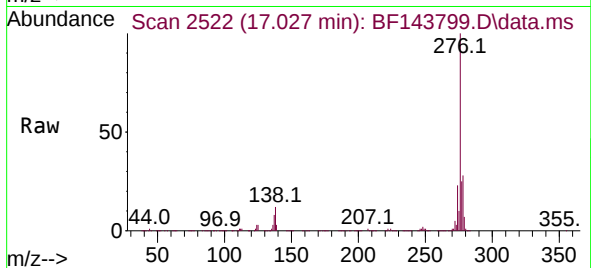
#87
Indeno(1,2,3-cd)pyrene
Concen: 43.111 ng
RT: 17.027 min Scan# 2194
Delta R.T. -0.017 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Instrument :

BNA_F

ClientSampleId :

ICVBF092325

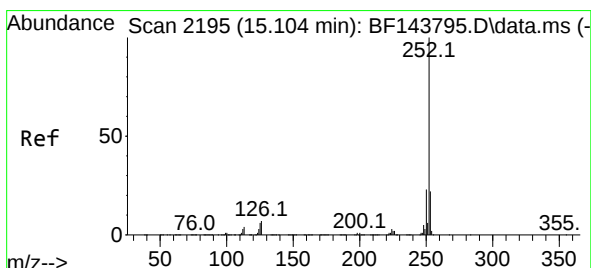
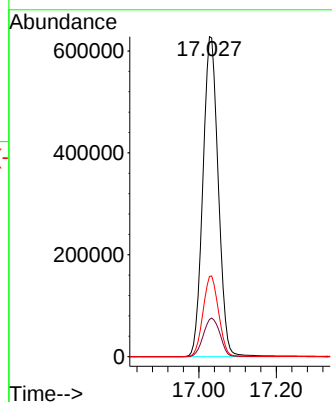
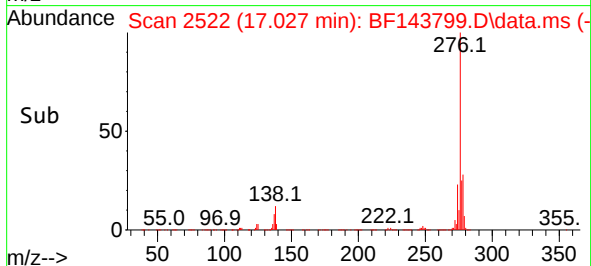


Tgt Ion:276 Resp: 172826
Ion Ratio Lower Upper
276 100
138 13.0 10.6 15.8
277 25.6 20.7 31.1

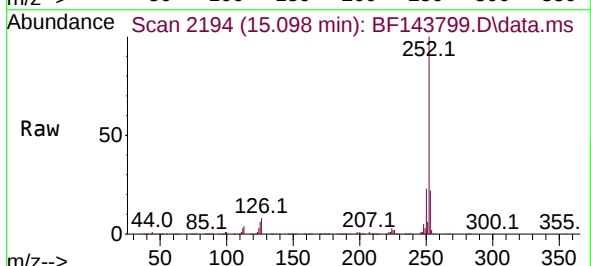
Manual Integrations

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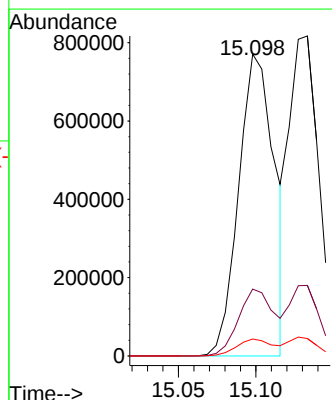
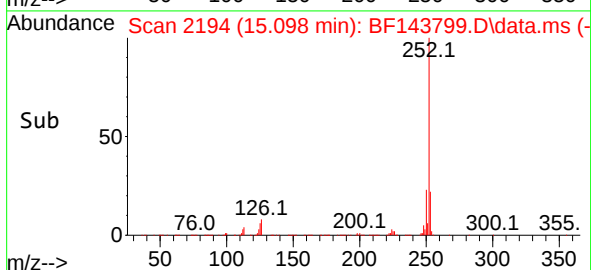
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

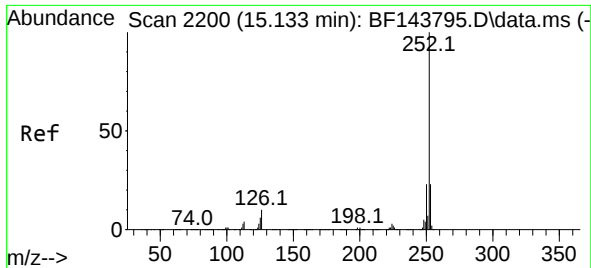


#88
Benzo(b)fluoranthene
Concen: 45.894 ng
RT: 15.098 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42



Tgt Ion:252 Resp: 1234859
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 5.6 4.4 6.6





#89

Benzo(k)fluoranthene

Concen: 40.882 ng

RT: 15.133 min Scan# 2200

Delta R.T. -0.006 min

Lab File: BF143799.D

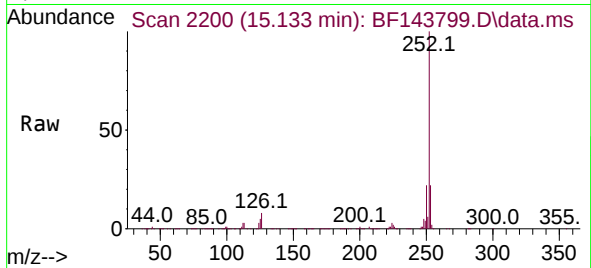
Acq: 23 Sep 2025 17:42

Instrument :

BNA_F

ClientSampleId :

ICVBF092325



Tgt Ion:252 Resp: 1105146

Ion Ratio Lower Upper

252 100

253 22.0 17.9 26.9

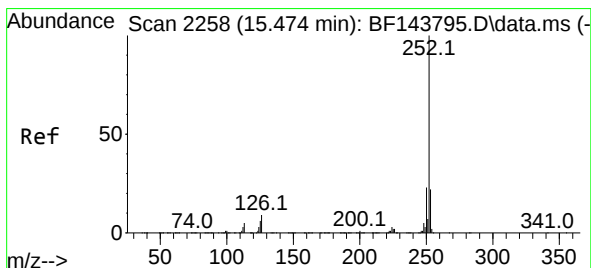
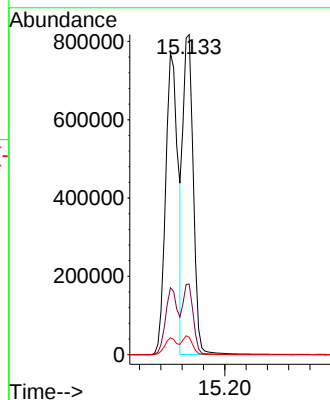
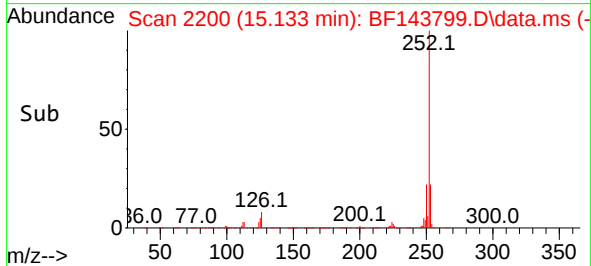
125 5.4 4.6 6.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#90

Benzo(a)pyrene

Concen: 43.246 ng

RT: 15.474 min Scan# 2258

Delta R.T. -0.006 min

Lab File: BF143799.D

Acq: 23 Sep 2025 17:42

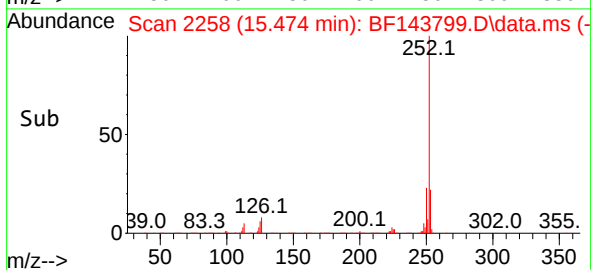
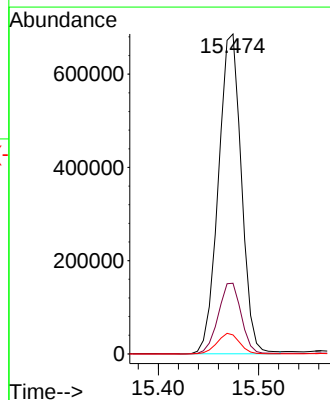
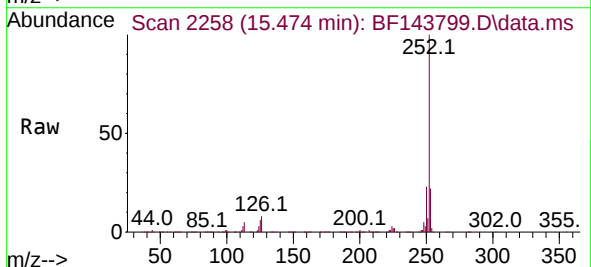
Tgt Ion:252 Resp: 1093771

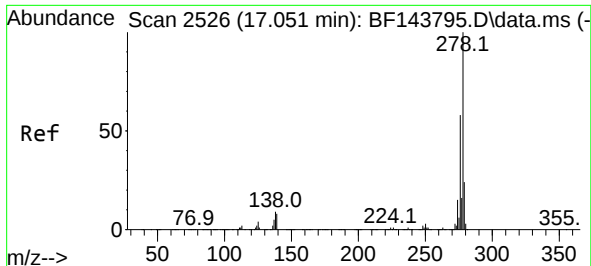
Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 6.0 5.0 7.4





#91

Dibenzo(a,h)anthracene

Concen: 43.395 ng

RT: 17.051 min Scan# 2599

Delta R.T. -0.017 min

Lab File: BF143799.D

Acq: 23 Sep 2025 17:42

Instrument :

BNA_F

ClientSampleId :

ICVBF092325

Tgt Ion:278 Resp: 142288

Ion Ratio Lower Upper

278 100

139 8.1 6.7 10.1

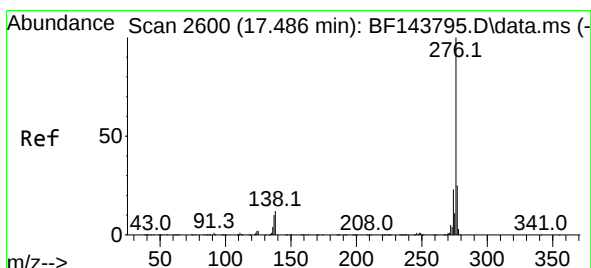
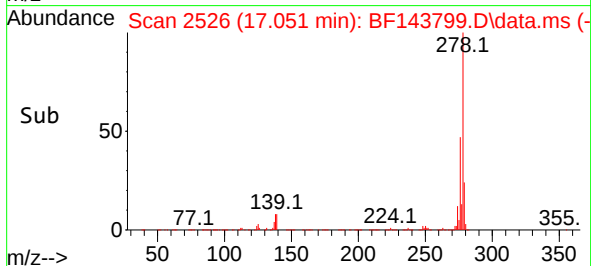
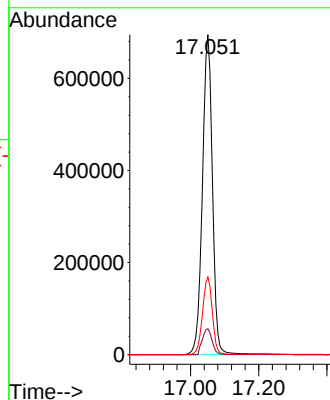
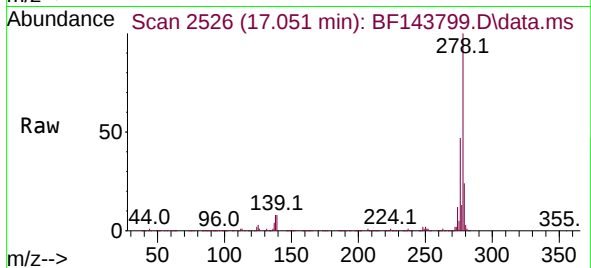
279 24.3 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#92

Benzo(g,h,i)perylene

Concen: 43.247 ng

RT: 17.480 min Scan# 2599

Delta R.T. -0.023 min

Lab File: BF143799.D

Acq: 23 Sep 2025 17:42

Tgt Ion:276 Resp: 1366956

Ion Ratio Lower Upper

276 100

277 24.7 19.6 29.4

138 11.7 9.2 13.8

