

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081425\
 Data File : BF143399.D
 Acq On : 15 Aug 2025 03:54
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 15 13:04:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 12 13:25:39 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
 Supervised By :Jagrut Upadhyay 08/15/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	154119	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	585558	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	307669	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	448323	20.000	ng	0.00
76) Chrysene-d12	14.098	240	298922	20.000	ng	0.00
86) Perylene-d12	15.592	264	377299	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	666444	74.777	ng	0.00
7) Phenol-d6	6.563	99	816901	71.476	ng	0.00
23) Nitrobenzene-d5	7.493	82	737761	78.460	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	193949	86.257	ng	0.00
45) 2-Fluorobiphenyl	9.287	172	1308576	72.124	ng	0.00
79) Terphenyl-d14	13.039	244	1104297	65.955	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	178884	38.788	ng	97
3) Pyridine	3.516	79	440108	35.812	ng	98
4) n-Nitrosodimethylamine	3.458	42	199433	34.837	ng	98
6) Aniline	6.598	93	562376	34.903	ng	98
8) 2-Chlorophenol	6.722	128	368039	38.646	ng	96
9) Benzaldehyde	6.487	77	247585	32.775	ng	97
10) Phenol	6.581	94	481619	35.572	ng	96
11) bis(2-Chloroethyl)ether	6.663	93	359103	35.987	ng	99
12) 1,3-Dichlorobenzene	6.875	146	399589	36.378	ng	99
13) 1,4-Dichlorobenzene	6.951	146	401173	36.389	ng	100
14) 1,2-Dichlorobenzene	7.104	146	380149	36.325	ng	100
15) Benzyl Alcohol	7.075	79	303375	37.031	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.204	45	604495	33.932	ng	100
17) 2-Methylphenol	7.187	107	298798	37.170	ng	99
18) Hexachloroethane	7.451	117	137360	39.741	ng	94
19) n-Nitroso-di-n-propyla...	7.345	70	240660	34.078	ng	99
20) 3+4-Methylphenols	7.340	107	350891	36.093	ng	98
22) Acetophenone	7.340	105	450772	34.939	ng	97
24) Nitrobenzene	7.510	77	391763	38.363	ng	99
25) Isophorone	7.751	82	679055	35.375	ng	100
26) 2-Nitrophenol	7.828	139	189734	46.487	ng	99
27) 2,4-Dimethylphenol	7.863	122	304951m	38.079	ng	
28) bis(2-Chloroethoxy)met...	7.957	93	426215	36.367	ng	99
29) 2,4-Dichlorophenol	8.075	162	308637	39.458	ng	98
30) 1,2,4-Trichlorobenzene	8.157	180	309994	37.571	ng	100
31) Naphthalene	8.240	128	1015616	36.045	ng	99
32) Benzoic acid	7.981	122	148637	44.034	ng	97
33) 4-Chloroaniline	8.281	127	369334	36.342	ng	100
34) Hexachlorobutadiene	8.357	225	197920	38.562	ng	99
35) Caprolactam	8.645	113	86672	39.416	ng	99
36) 4-Chloro-3-methylphenol	8.763	107	303083	36.961	ng	98
37) 2-Methylnaphthalene	8.928	142	668140	36.070	ng	99
38) 1-Methylnaphthalene	9.028	142	640396	35.896	ng	100
40) 1,2,4,5-Tetrachloroben...	9.098	216	313835	37.276	ng	99
41) Hexachlorocyclopentadiene	9.087	237	149463	52.784	ng	100
43) 2,4,6-Trichlorophenol	9.204	196	197297	41.302	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.251	196	214438	39.752	ng	97
46) 1,1'-Biphenyl	9.392	154	786326	36.146	ng	99
47) 2-Chloronaphthalene	9.416	162	628536	36.686	ng	99
48) 2-Nitroaniline	9.510	65	190071	39.015	ng	94
49) Acenaphthylene	9.828	152	898622	36.320	ng	99
50) Dimethylphthalate	9.681	163	682495	37.964	ng	100
51) 2,6-Dinitrotoluene	9.745	165	145324	43.044	ng	95
52) Acenaphthene	10.004	154	598801	36.404	ng	99
53) 3-Nitroaniline	9.916	138	157424	42.759	ng	97
54) 2,4-Dinitrophenol	10.028	184	59555	51.347	ng	# 82
55) Dibenzofuran	10.175	168	846919	35.775	ng	99
56) 4-Nitrophenol	10.081	139	114908	41.856	ng	96
57) 2,4-Dinitrotoluene	10.151	165	189688	42.395	ng	89
58) Fluorene	10.516	166	630662	34.878	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.298	232	158397	43.560	ng	97
60) Diethylphthalate	10.386	149	622164	38.637	ng	99
61) 4-Chlorophenyl-phenyle...	10.510	204	320765	36.713	ng	98
62) 4-Nitroaniline	10.528	138	142815	40.094	ng	98
63) Azobenzene	10.669	77	633989	34.469	ng	97
65) 4,6-Dinitro-2-methylph...	10.563	198	88176	48.521	ng	91
66) n-Nitrosodiphenylamine	10.628	169	544301	36.871	ng	99
67) 4-Bromophenyl-phenylether	10.998	248	197816	38.580	ng	98
68) Hexachlorobenzene	11.069	284	206818	37.421	ng	98
69) Atrazine	11.151	200	163775	42.535	ng	99
70) Pentachlorophenol	11.269	266	258266	94.322	ng	96
71) Phenanthrene	11.480	178	874214	35.740	ng	100
72) Anthracene	11.533	178	876126	35.318	ng	100
73) Carbazole	11.686	167	740341	35.043	ng	99
74) Di-n-butylphthalate	12.010	149	810616	45.343	ng	100
75) Fluoranthene	12.669	202	775610	36.199	ng	99
77) Benzidine	12.786	184	322181	39.424	ng	98
78) Pyrene	12.898	202	798173	31.829	ng	99
80) Butylbenzylphthalate	13.510	149	267587	53.579	ng	97
81) Benzo(a)anthracene	14.086	228	672240	35.382	ng	100
82) 3,3'-Dichlorobenzidine	14.045	252	226457	44.142	ng	99
83) Chrysene	14.127	228	662658	37.405	ng	99
84) Bis(2-ethylhexyl)phtha...	14.069	149	376483	51.348	ng	98
85) Di-n-octyl phthalate	14.686	149	690916	47.658	ng	95
87) Indeno(1,2,3-cd)pyrene	17.121	276	977103	36.148	ng	99
88) Benzo(b)fluoranthene	15.151	252	799255	38.730	ng	99
89) Benzo(k)fluoranthene	15.180	252	687057	34.263	ng	99
90) Benzo(a)pyrene	15.527	252	716381	36.858	ng	99
91) Dibenzo(a,h)anthracene	17.133	278	769353	35.627	ng	99
92) Benzo(g,h,i)perylene	17.580	276	765398	35.184	ng	99

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

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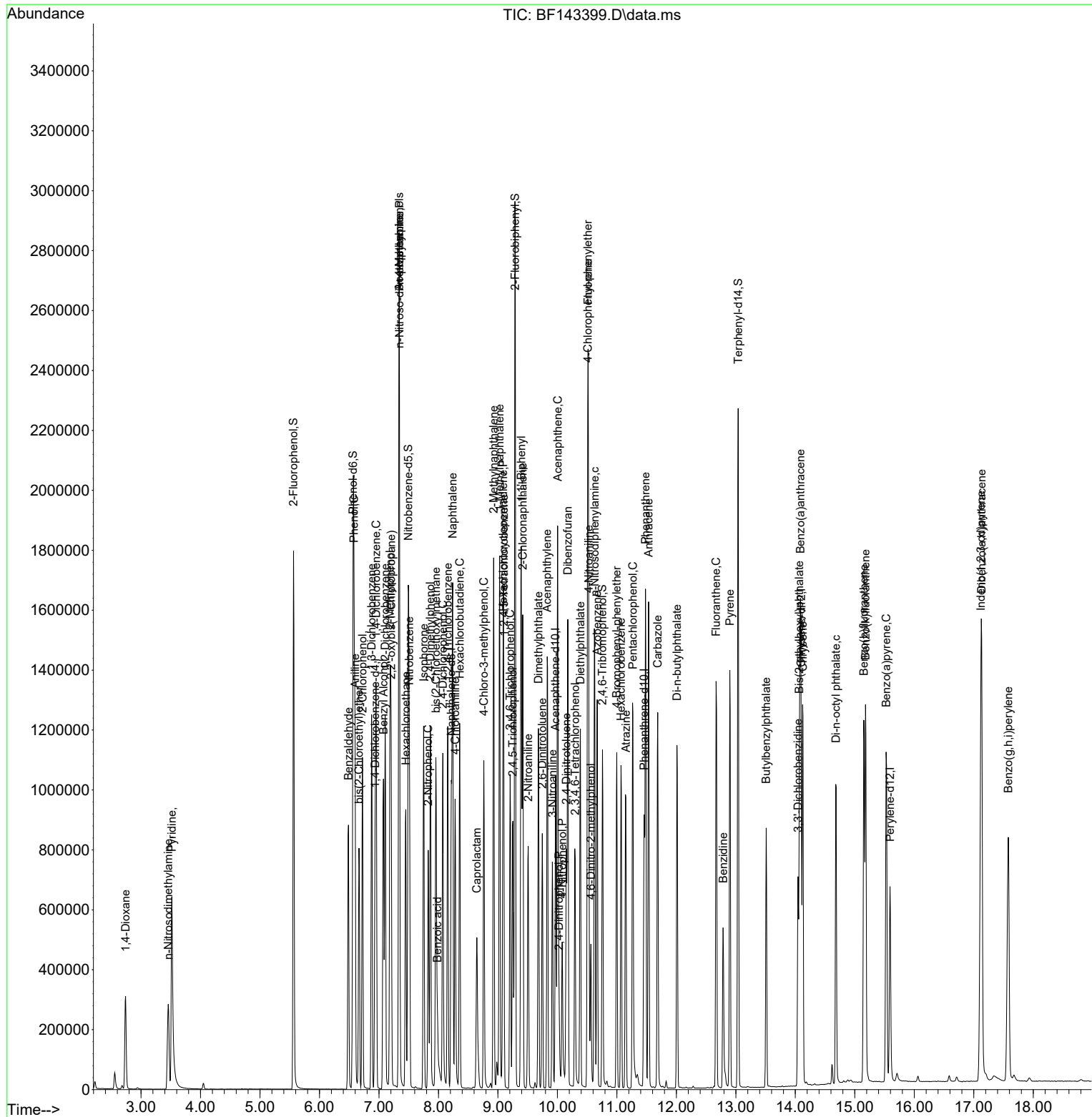
Quant Time: Aug 15 13:04:24 2025

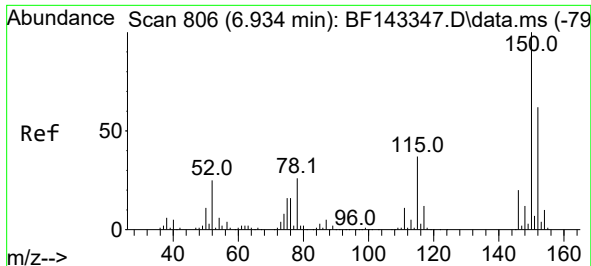
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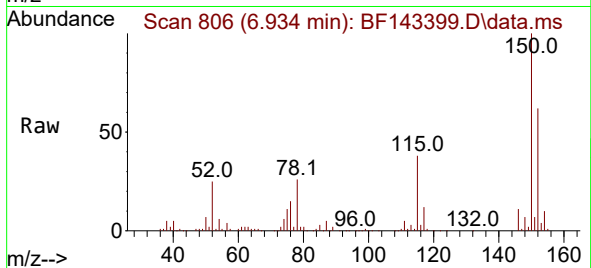
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.934 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

Instrument :

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ClientSampleId :

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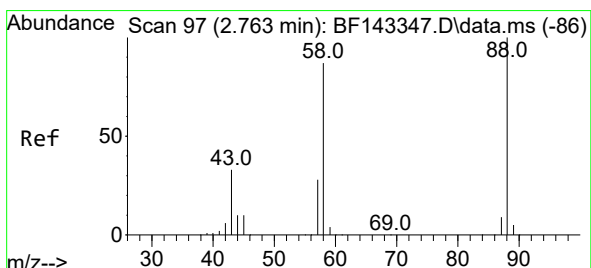
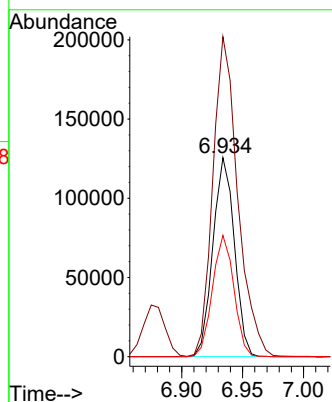
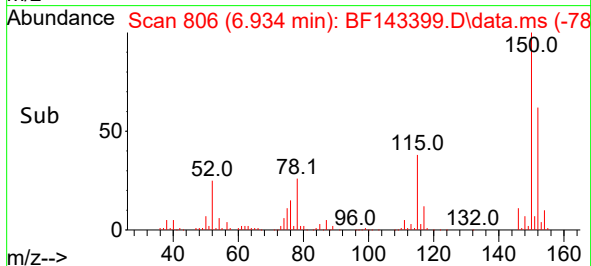
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Ion Ratio Lower Upper
152 100
150 160.8 129.8 194.8
115 60.9 47.8 71.8

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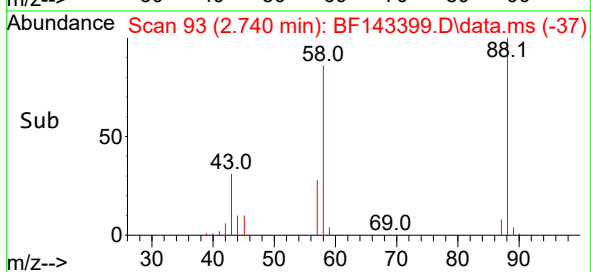
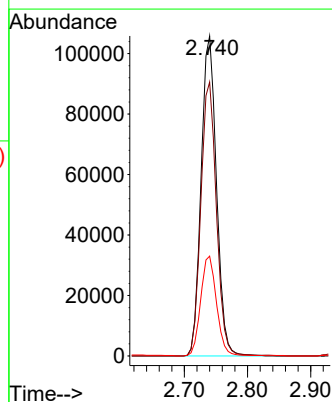
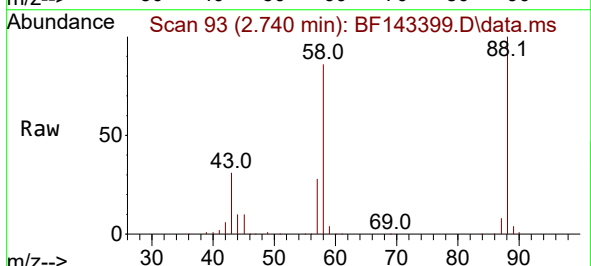
Reviewed By :Rahul Chavli 08/15/2025

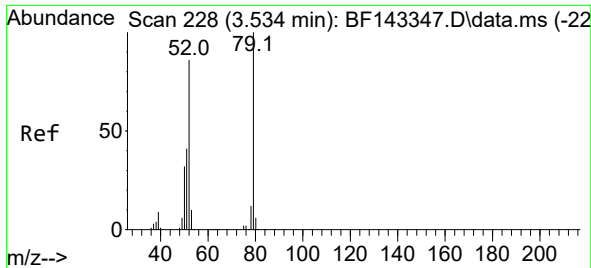
Supervised By :Jagrut Upadhyay 08/15/2025



#2
1,4-Dioxane
Concen: 38.788 ng
RT: 2.740 min Scan# 93
Delta R.T. -0.023 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

Tgt Ion: 88 Resp: 178884
Ion Ratio Lower Upper
88 100
58 86.5 71.0 106.6
43 32.2 27.0 40.6





#3

Pyridine

Concen: 35.812 ng

RT: 3.516 min Scan# 215

Delta R.T. -0.018 min

Lab File: BF143399.D

Acq: 15 Aug 2025 03:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 440108

Ion Ratio Lower Upper

79 100

52 83.8 68.7 103.1

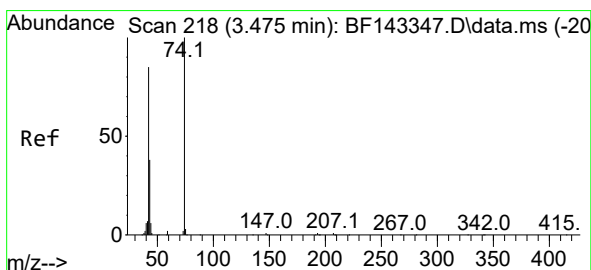
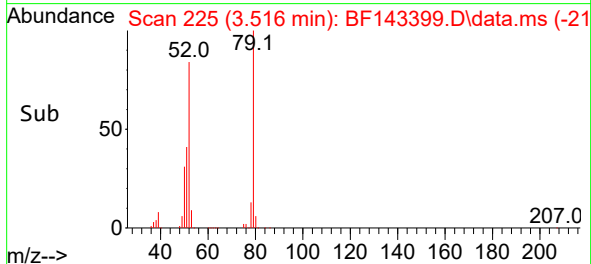
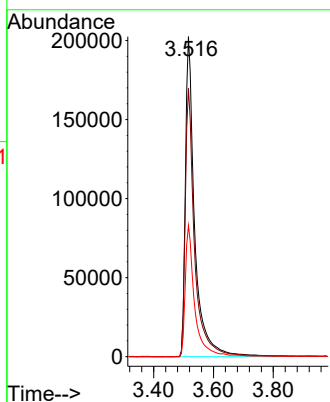
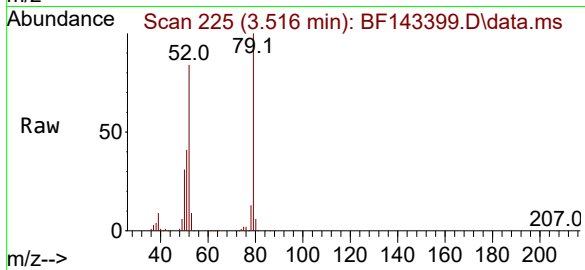
51 41.0 33.4 50.0

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 34.837 ng

RT: 3.458 min Scan# 215

Delta R.T. -0.018 min

Lab File: BF143399.D

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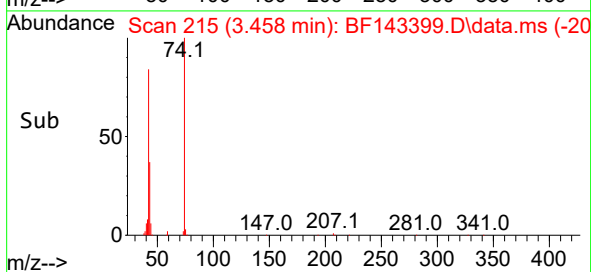
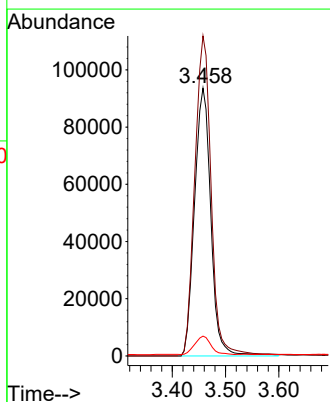
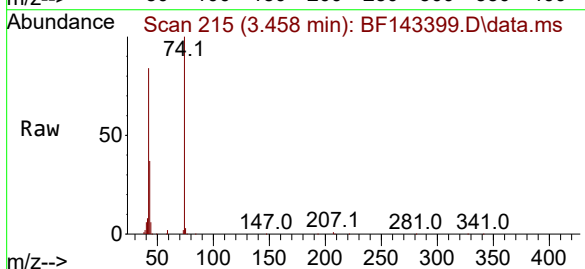
Tgt Ion: 42 Resp: 199433

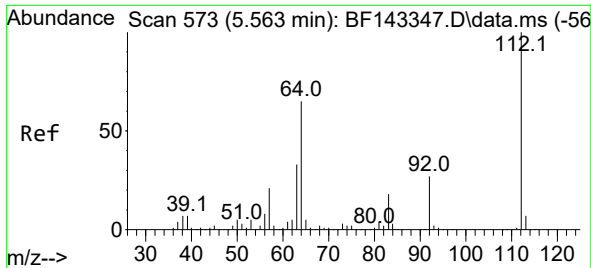
Ion Ratio Lower Upper

42 100

74 119.4 94.1 141.1

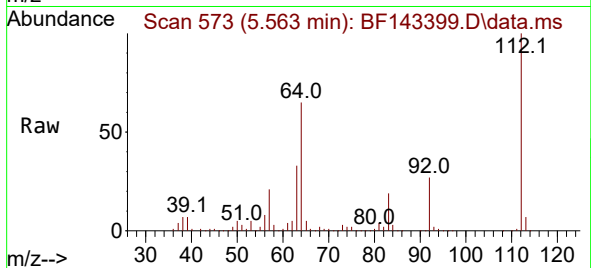
44 7.4 6.5 9.7





#5
2-Fluorophenol
Concen: 74.777 ng
RT: 5.563 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF143399.D
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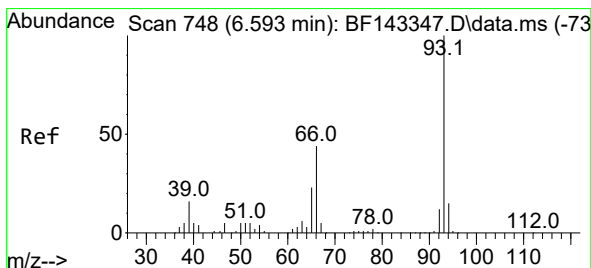
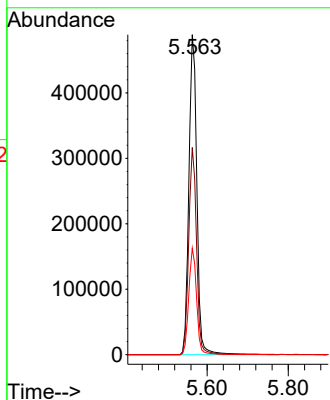
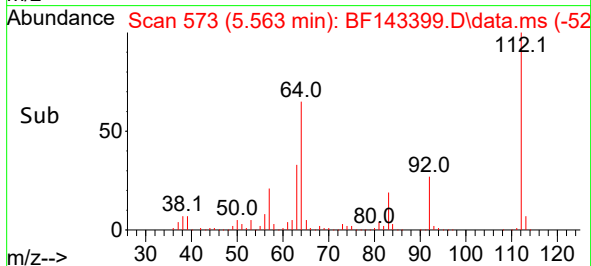
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Tgt Ion:112 Resp: 666444
Ion Ratio Lower Upper
112 100
64 64.8 52.1 78.1
63 33.3 26.6 39.8

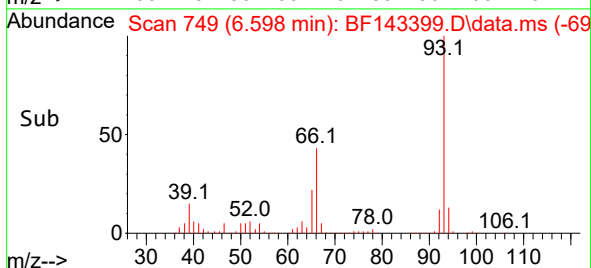
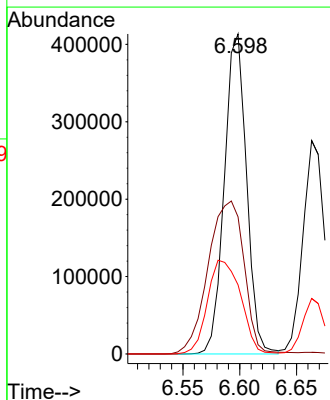
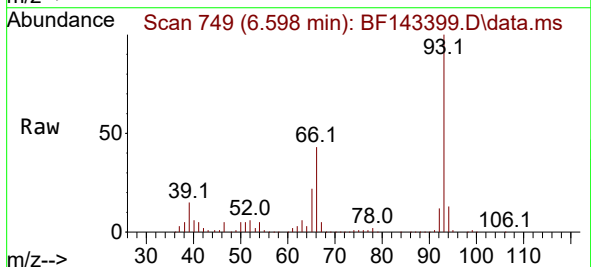
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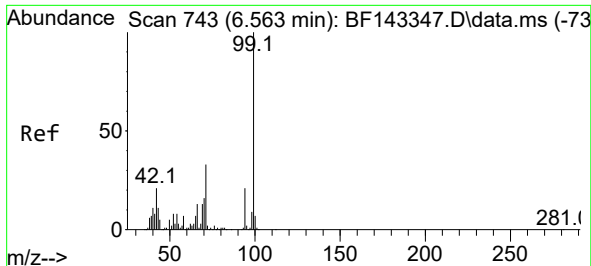
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#6
Aniline
Concen: 34.903 ng
RT: 6.598 min Scan# 749
Delta R.T. 0.006 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

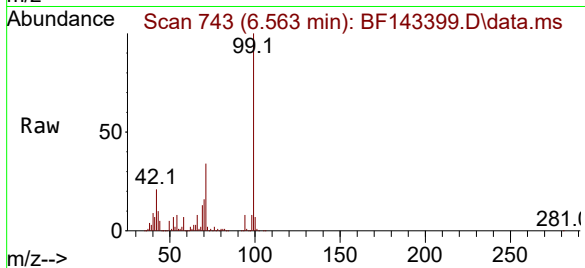
Tgt Ion: 93 Resp: 562376
Ion Ratio Lower Upper
93 100
66 42.8 35.3 52.9
65 21.6 18.2 27.4





#7
Phenol-d6
Concen: 71.476 ng
RT: 6.563 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

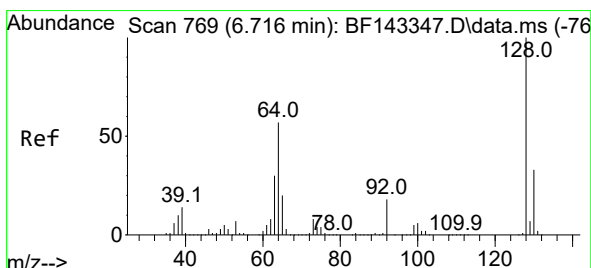
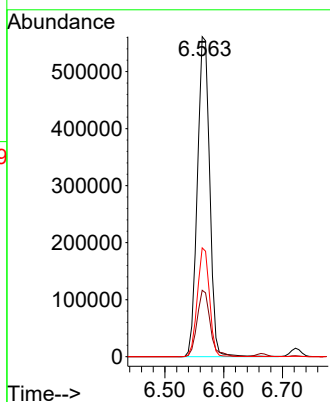
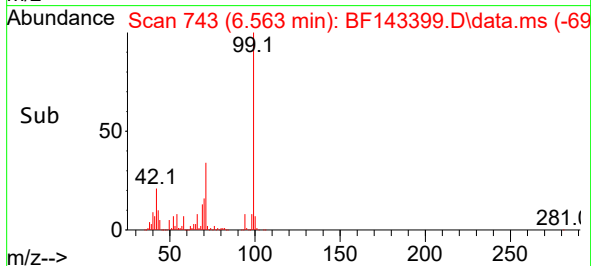
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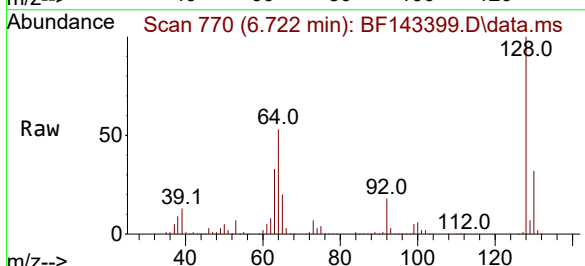
Tgt Ion: 99 Resp: 81690
Ion Ratio Lower Upper
99 100
42 20.7 16.6 25.0
71 34.0 26.2 39.2

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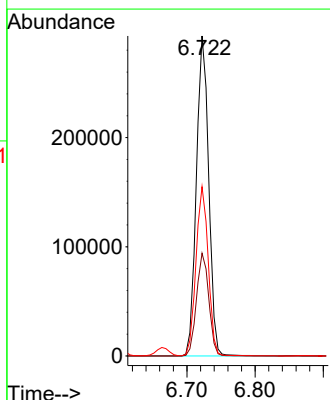
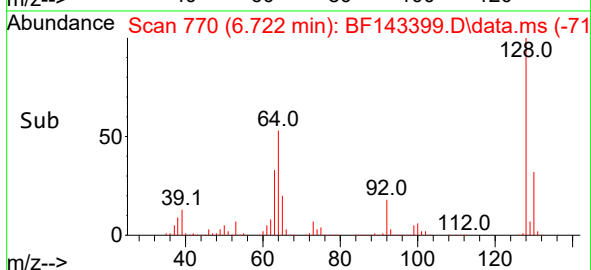
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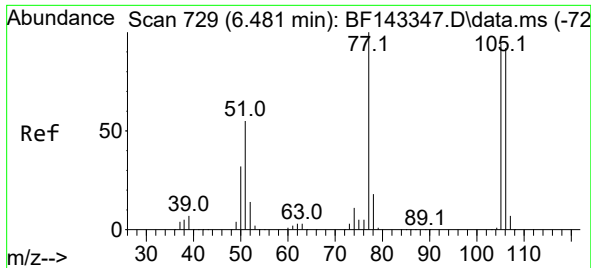


#8
2-Chlorophenol
Concen: 38.646 ng
RT: 6.722 min Scan# 770
Delta R.T. 0.006 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54



Tgt Ion:128 Resp: 368039
Ion Ratio Lower Upper
128 100
130 32.1 12.6 52.6
64 52.9 36.7 76.7





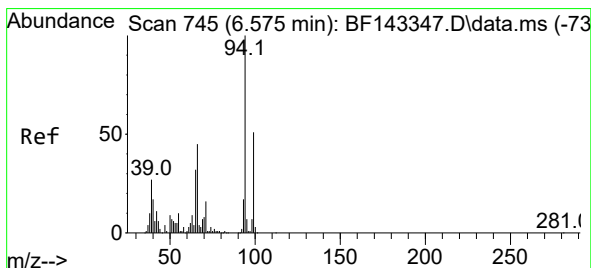
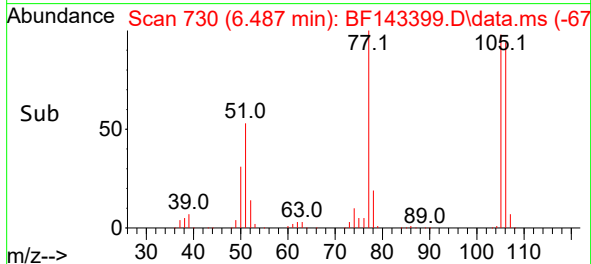
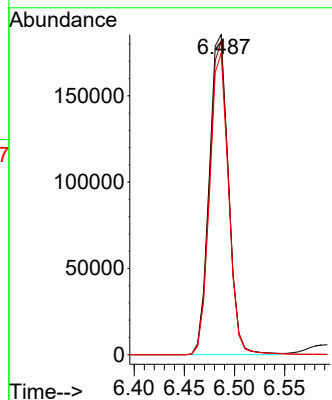
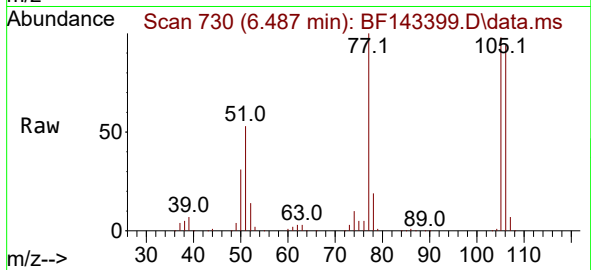
#9
Benzaldehyde
Concen: 32.775 ng
RT: 6.487 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF143399.D
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Tgt Ion: 77 Resp: 24758
Ion Ratio Lower Upper
77 100
105 97.8 74.2 114.2
106 94.2 72.2 112.2

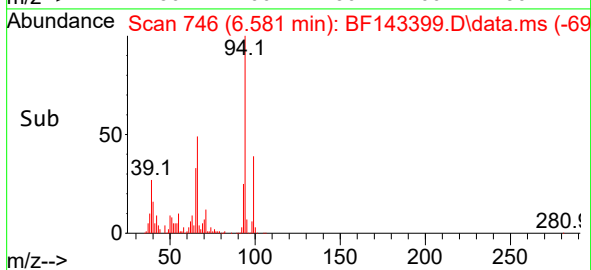
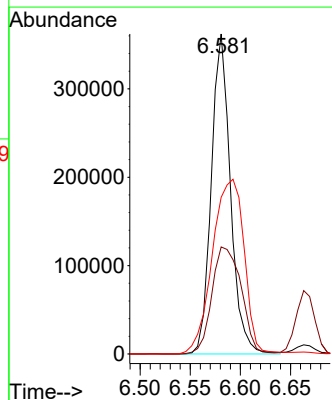
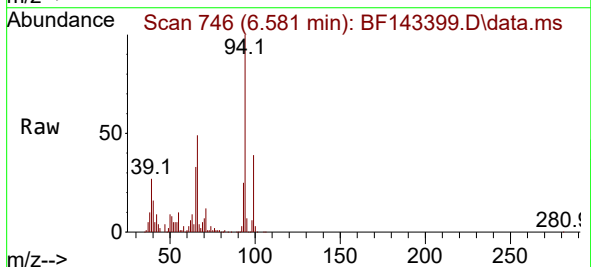
Manual Integrations
APPROVED

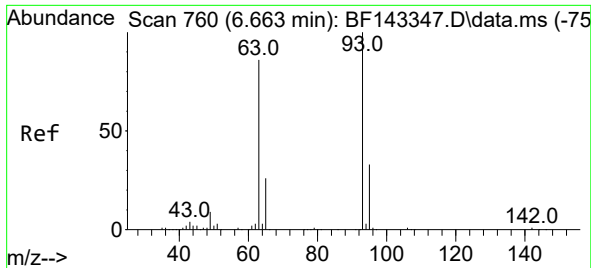
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#10
Phenol
Concen: 35.572 ng
RT: 6.581 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

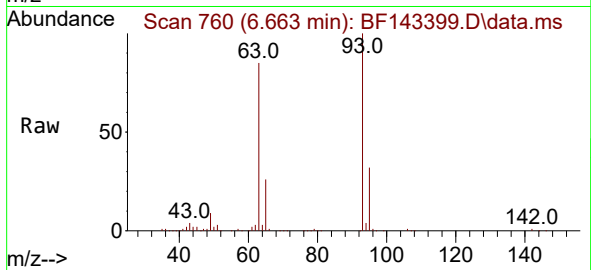
Tgt Ion: 94 Resp: 481619
Ion Ratio Lower Upper
94 100
65 33.5 12.0 52.0
66 49.0 25.6 65.6





#11
bis(2-Chloroethyl)ether
Concen: 35.987 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

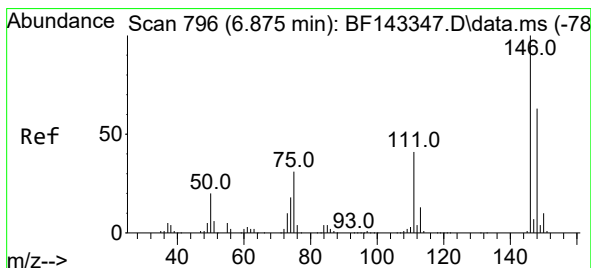
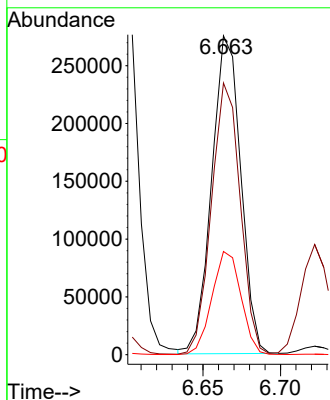
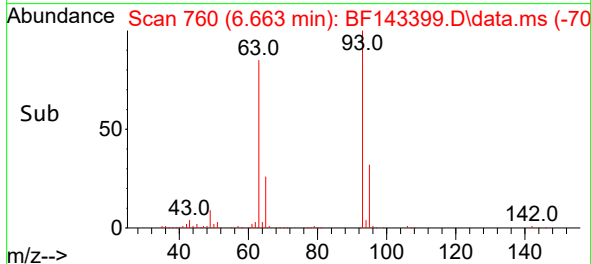
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



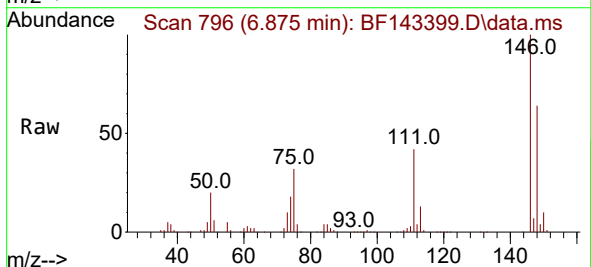
Tgt Ion: 93 Resp: 35910
Ion Ratio Lower Upper
93 100
63 85.2 65.7 105.7
95 32.4 13.0 53.0

Manual Integrations
APPROVED

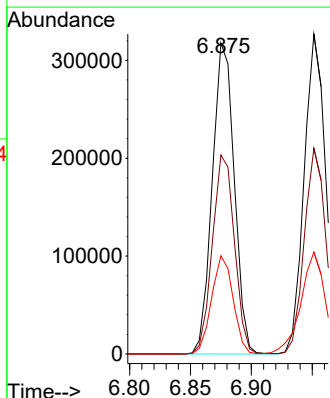
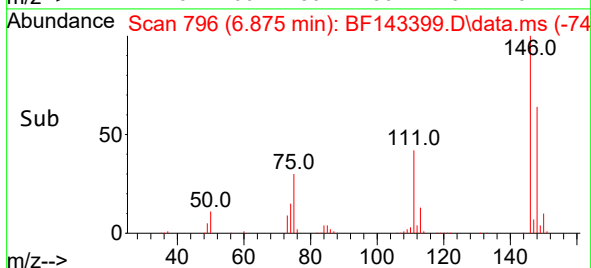
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

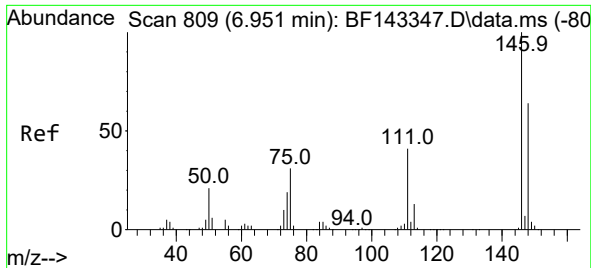


#12
1,3-Dichlorobenzene
Concen: 36.378 ng
RT: 6.875 min Scan# 796
Delta R.T. 0.000 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54



Tgt Ion:146 Resp: 399589
Ion Ratio Lower Upper
146 100
148 64.0 50.5 75.7
75 31.6 24.9 37.3





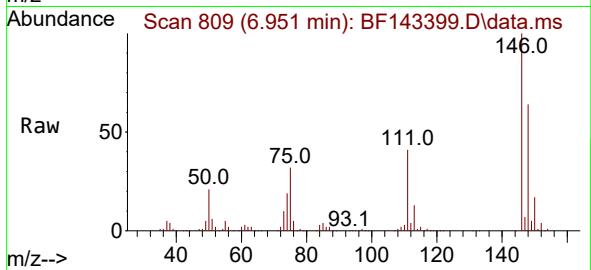
#13
1,4-Dichlorobenzene
Concen: 36.389 ng
RT: 6.951 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



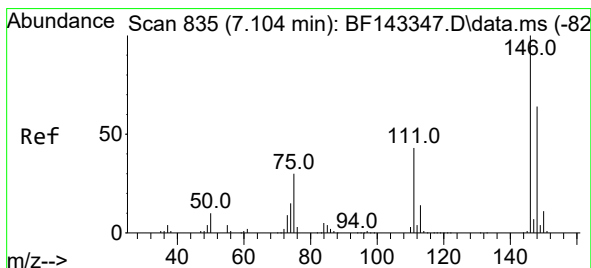
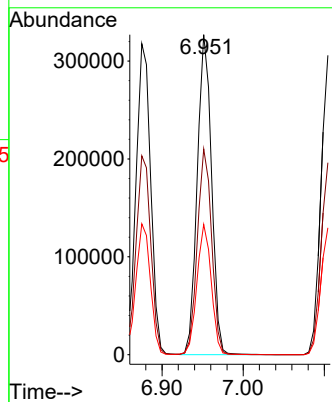
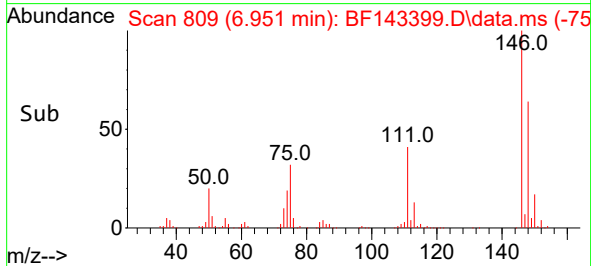
Tgt Ion:146 Resp: 40117
Ion Ratio Lower Upper
146 100
148 64.3 51.4 77.0
111 40.7 32.6 48.8

Manual Integrations

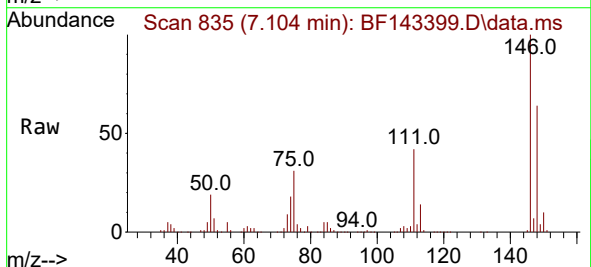
APPROVED

Reviewed By :Rahul Chavli 08/15/2025

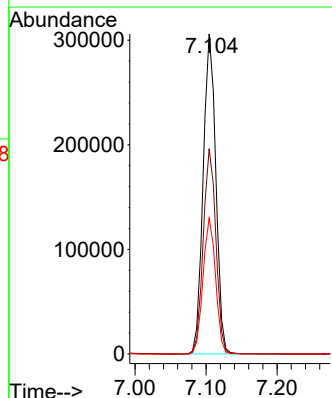
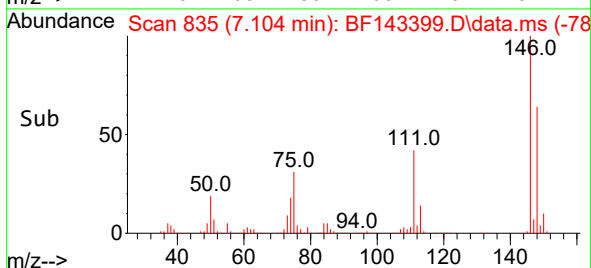
Supervised By :Jagrut Upadhyay 08/15/2025

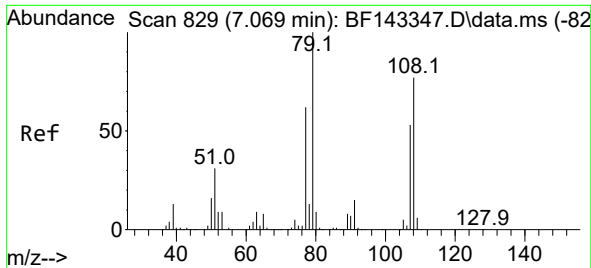


#14
1,2-Dichlorobenzene
Concen: 36.325 ng
RT: 7.104 min Scan# 835
Delta R.T. 0.000 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54



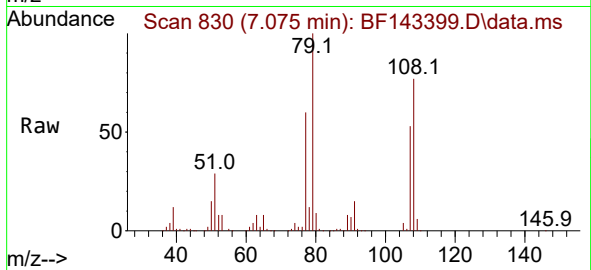
Tgt Ion:146 Resp: 380149
Ion Ratio Lower Upper
146 100
148 64.1 51.4 77.2
111 42.4 34.1 51.1





#15
Benzyl Alcohol
Concen: 37.031 ng
RT: 7.075 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

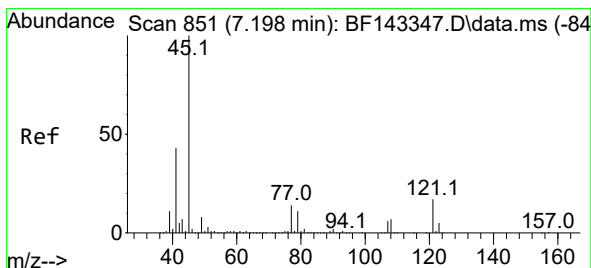
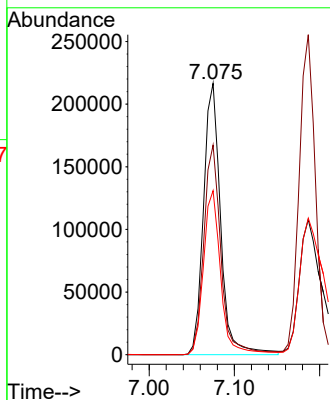
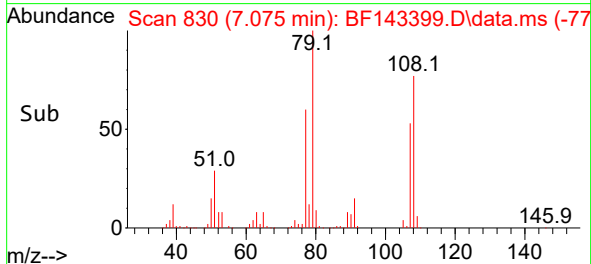
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 79 Resp: 30337
Ion Ratio Lower Upper
79 100
108 77.2 61.5 92.3
77 60.5 49.8 74.8

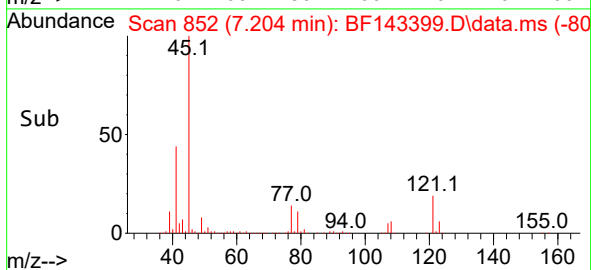
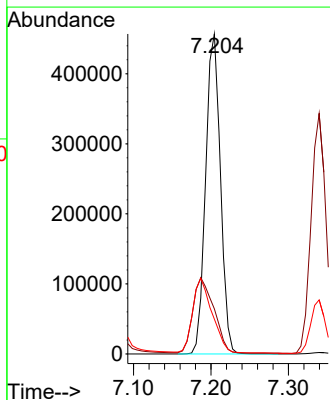
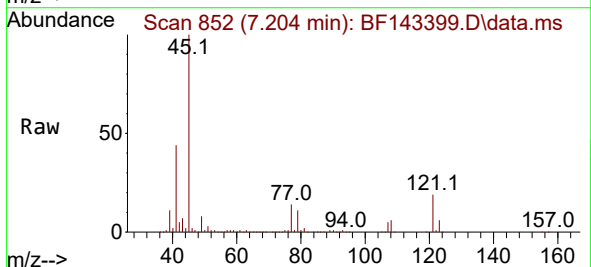
Manual Integrations
APPROVED

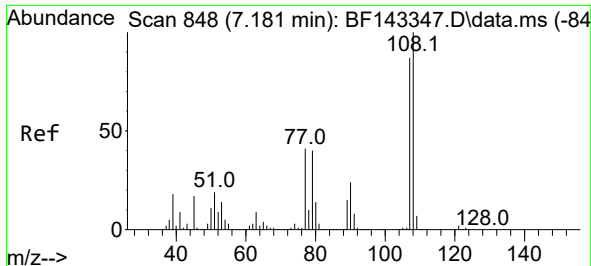
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.932 ng
RT: 7.204 min Scan# 852
Delta R.T. 0.006 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

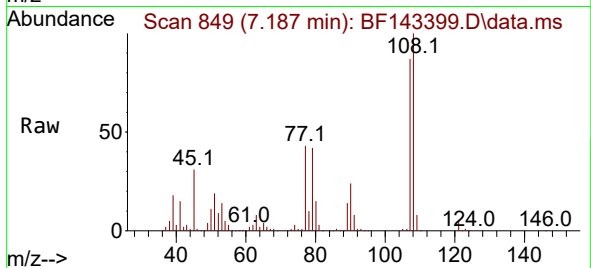
Tgt Ion: 45 Resp: 604495
Ion Ratio Lower Upper
45 100
77 14.1 0.0 34.0
79 10.9 0.0 31.1





#17
2-Methylphenol
Concen: 37.170 ng
RT: 7.187 min Scan# 848
Delta R.T. 0.006 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

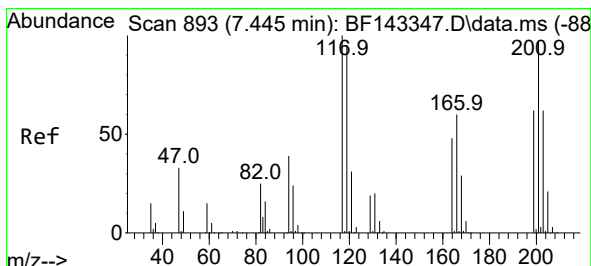
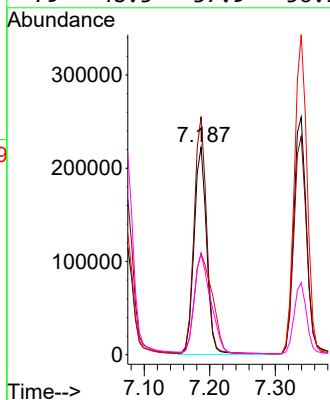
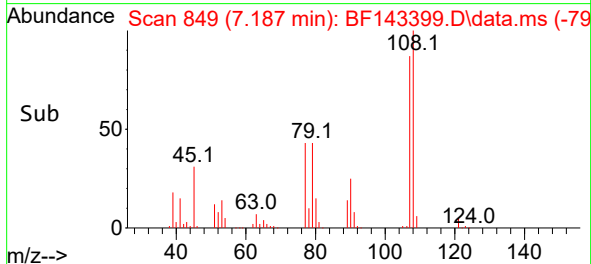
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:107 Resp: 298798
Ion Ratio Lower Upper
107 100
108 114.7 92.0 138.0
77 48.9 38.2 57.2
79 48.5 37.9 56.9

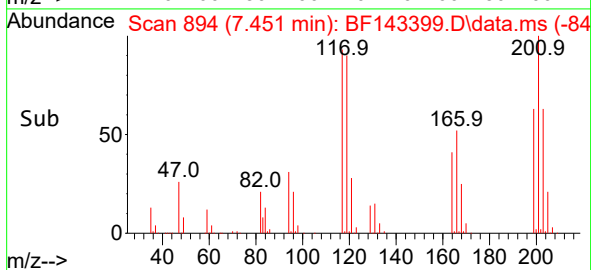
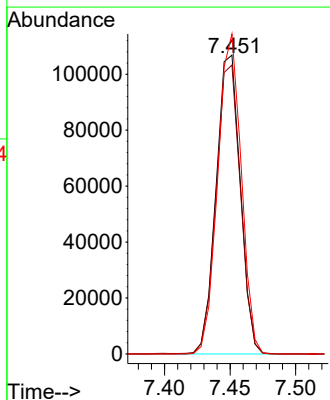
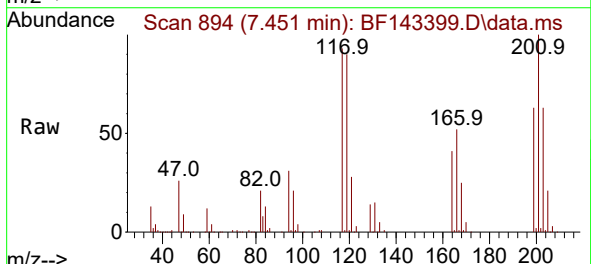
Manual Integrations
APPROVED

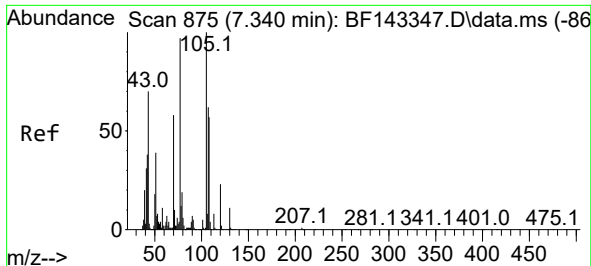
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#18
Hexachloroethane
Concen: 39.741 ng
RT: 7.451 min Scan# 894
Delta R.T. 0.006 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

Tgt Ion:117 Resp: 137360
Ion Ratio Lower Upper
117 100
119 96.6 75.8 113.8
201 107.1 77.2 115.8





#19

n-Nitroso-di-n-propylamine

Concen: 34.078 ng

RT: 7.345 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF143399.D

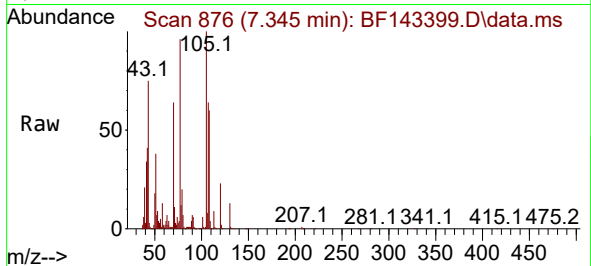
Acq: 15 Aug 2025 03:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion: 70 Resp: 240660

Ion Ratio Lower Upper

70 100

42 63.6 51.6 77.4

101 9.9 7.5 11.3

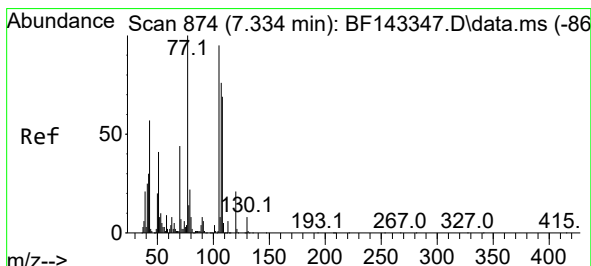
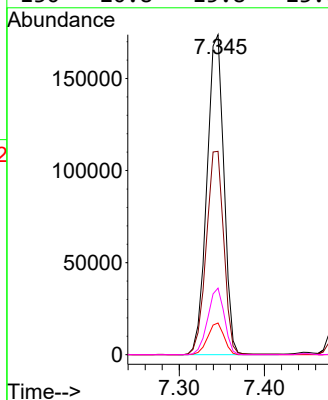
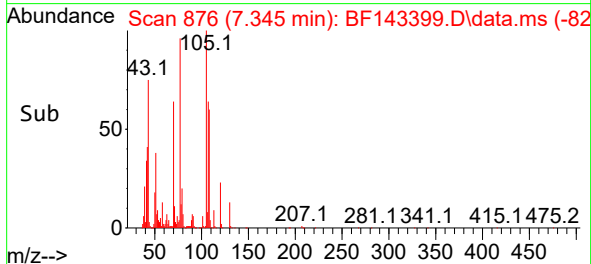
130 20.8 15.8 23.6

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#20

3+4-Methylphenols

Concen: 36.093 ng

RT: 7.340 min Scan# 875

Delta R.T. 0.006 min

Lab File: BF143399.D

Acq: 15 Aug 2025 03:54

Tgt Ion:107 Resp: 350891

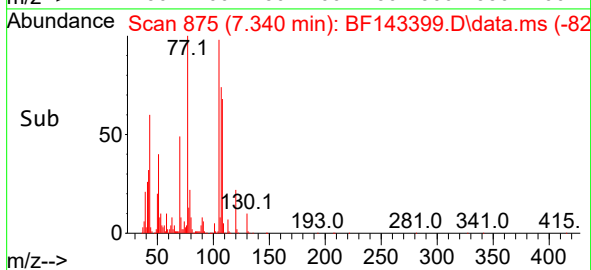
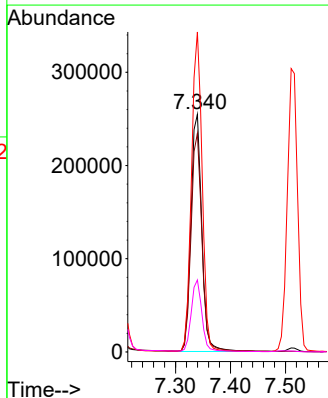
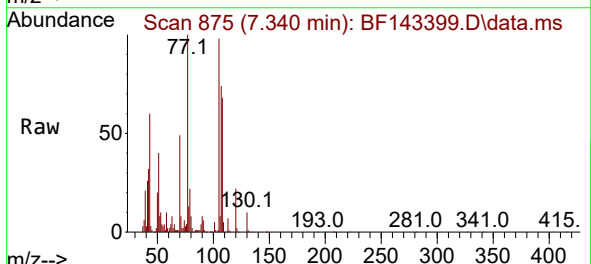
Ion Ratio Lower Upper

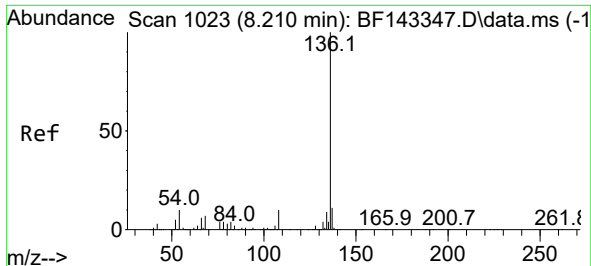
107 100

108 91.9 70.6 110.6

77 134.6 112.0 152.0

79 30.3 9.9 49.9





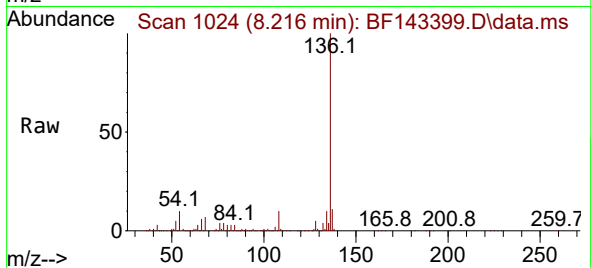
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1023
Delta R.T. 0.006 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



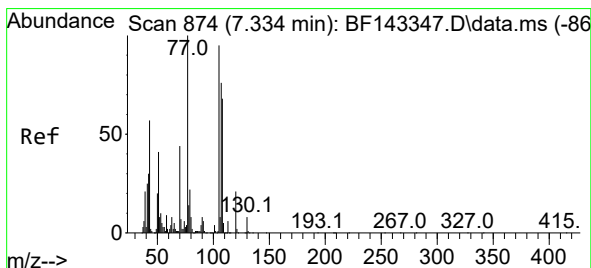
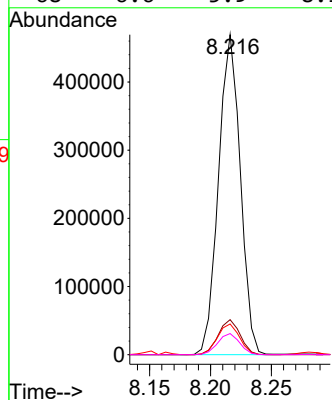
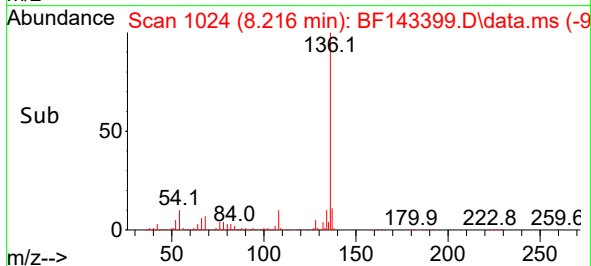
Tgt Ion:136 Resp: 58555
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.6 8.4 12.6
68 6.6 5.9 8.9

Manual Integrations

APPROVED

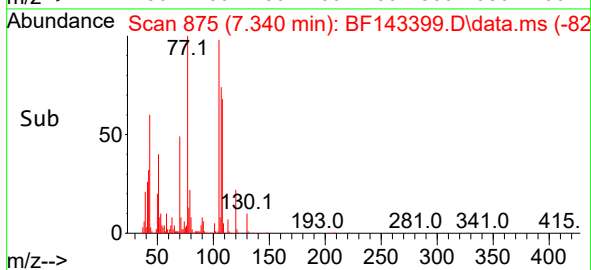
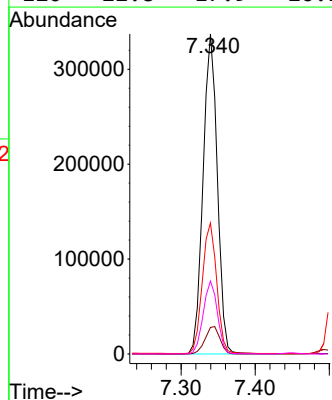
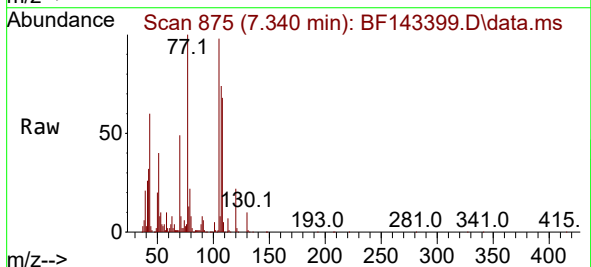
Reviewed By :Rahul Chavli 08/15/2025

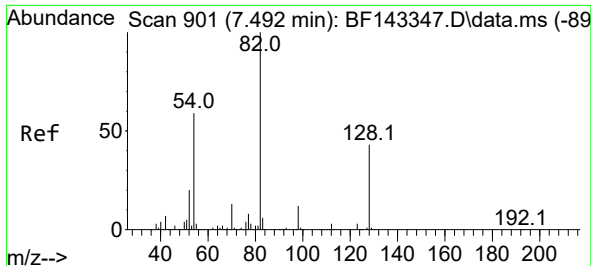
Supervised By :Jagrut Upadhyay 08/15/2025



#22
Acetophenone
Concen: 34.939 ng
RT: 7.340 min Scan# 875
Delta R.T. 0.006 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

Tgt Ion:105 Resp: 450772
Ion Ratio Lower Upper
105 100
71 8.3 6.2 9.4
51 41.0 34.8 52.2
120 22.8 17.9 26.9





#23

Nitrobenzene-d5

Concen: 78.460 ng

RT: 7.493 min Scan# 901

Delta R.T. 0.000 min

Lab File: BF143399.D

Acq: 15 Aug 2025 03:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 73776

Ion Ratio Lower Upper

82 100

128 43.8 33.5 50.3

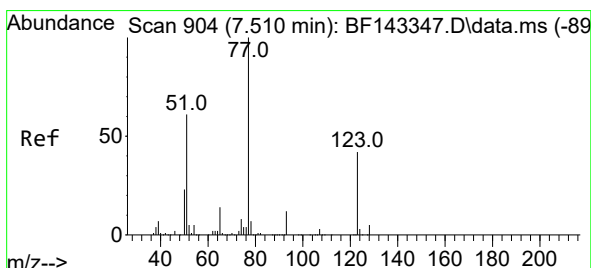
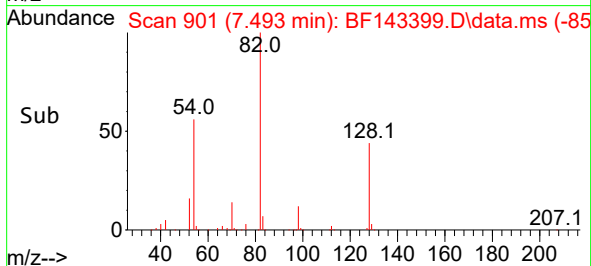
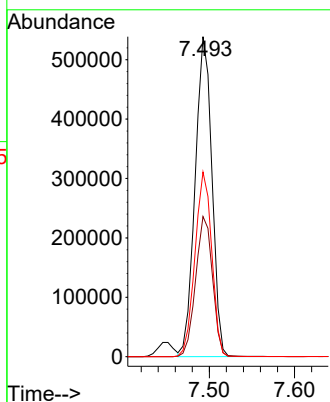
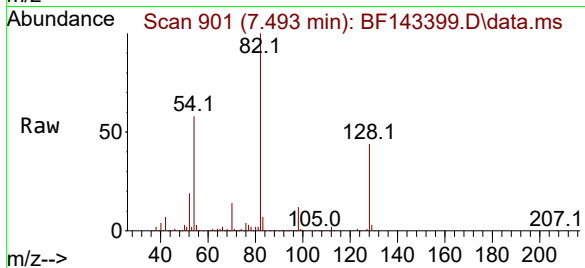
54 57.7 46.7 70.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#24

Nitrobenzene

Concen: 38.363 ng

RT: 7.510 min Scan# 904

Delta R.T. 0.000 min

Lab File: BF143399.D

Acq: 15 Aug 2025 03:54

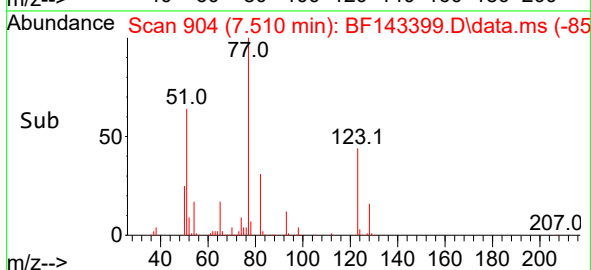
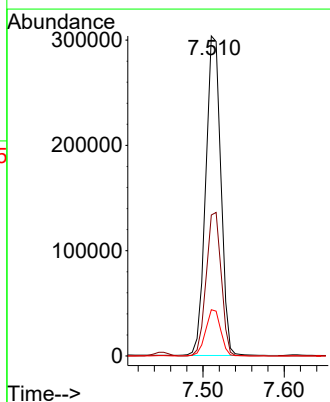
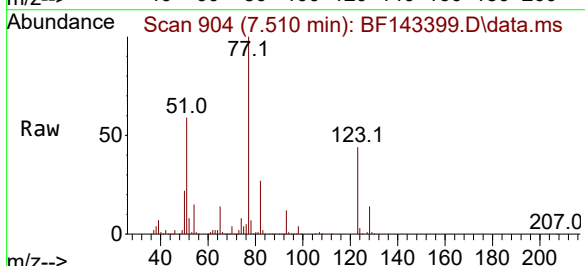
Tgt Ion: 77 Resp: 391763

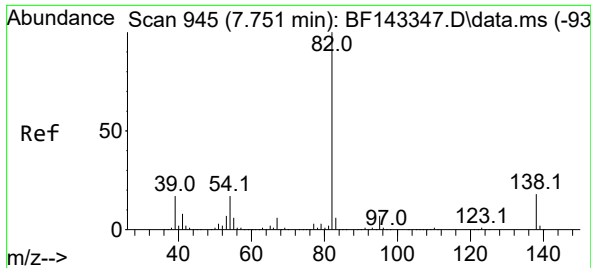
Ion Ratio Lower Upper

77 100

123 44.1 34.8 52.2

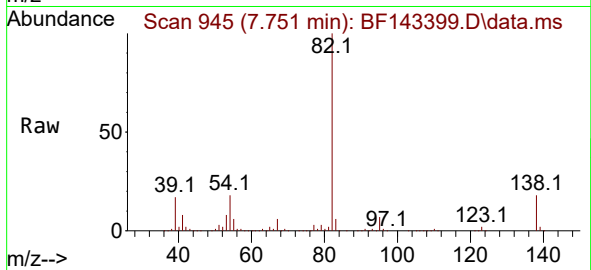
65 14.5 11.0 16.6





#25
Isophorone
Concen: 35.375 ng
RT: 7.751 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

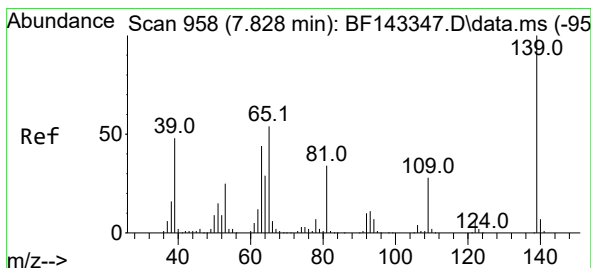
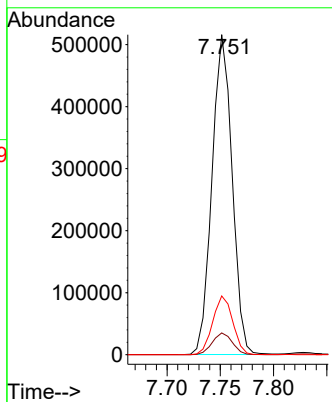
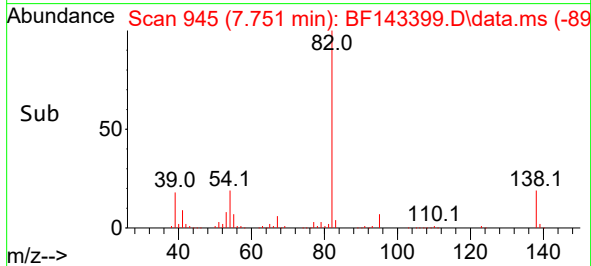
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



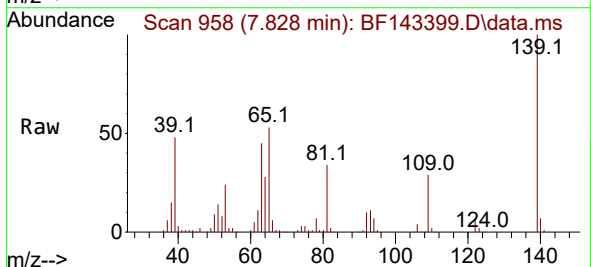
Tgt Ion: 82 Resp: 67905
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 18.3 14.6 21.8

Manual Integrations
APPROVED

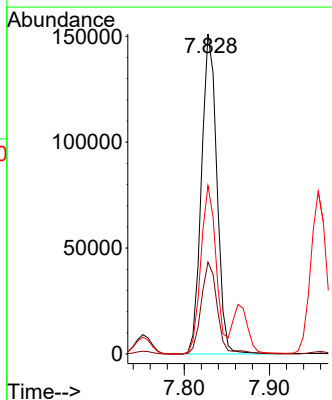
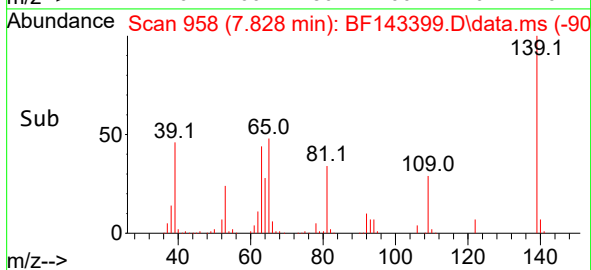
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

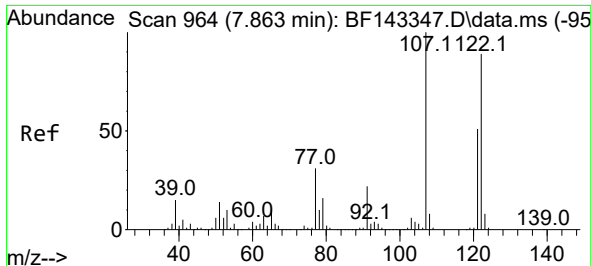


#26
2-Nitrophenol
Concen: 46.487 ng
RT: 7.828 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54



Tgt Ion:139 Resp: 189734
Ion Ratio Lower Upper
139 100
109 28.7 22.4 33.6
65 52.6 42.9 64.3





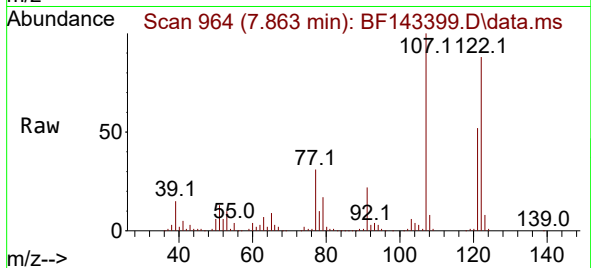
#27
2,4-Dimethylphenol
Concen: 38.079 ng m
RT: 7.863 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



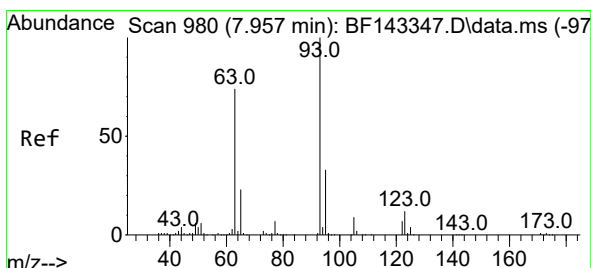
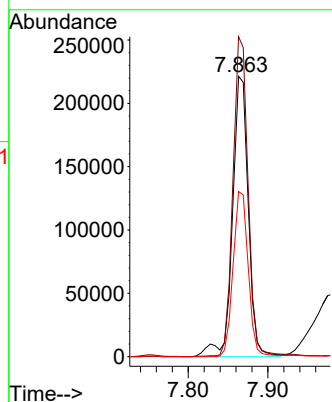
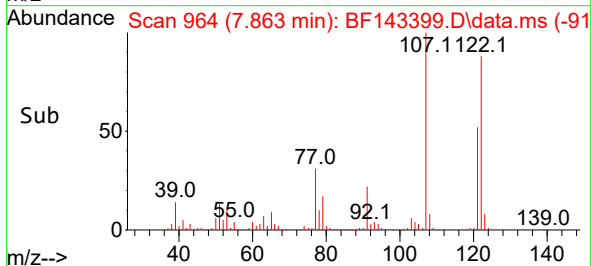
Tgt Ion:122 Resp: 30495
Ion Ratio Lower Upper
122 100
107 114.2 89.9 134.9
121 58.9 46.2 69.4

Manual Integrations

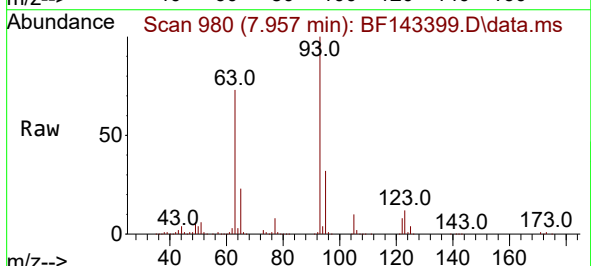
APPROVED

Reviewed By :Rahul Chavli 08/15/2025

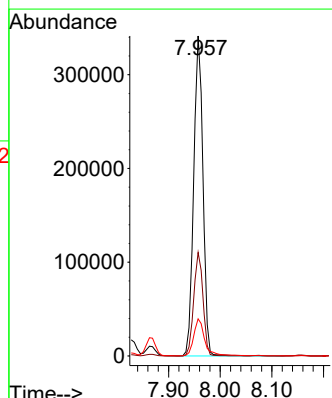
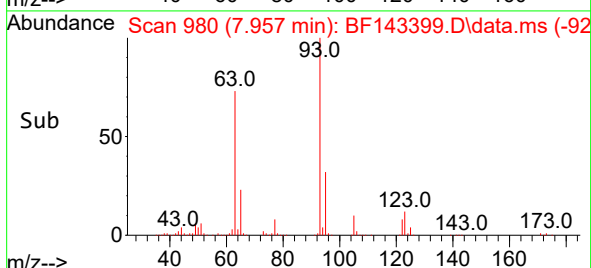
Supervised By :Jagrut Upadhyay 08/15/2025

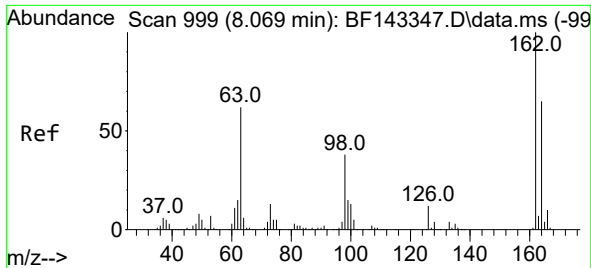


#28
bis(2-Chloroethoxy)methane
Concen: 36.367 ng
RT: 7.957 min Scan# 980
Delta R.T. 0.000 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54



Tgt Ion: 93 Resp: 426215
Ion Ratio Lower Upper
93 100
95 32.4 26.2 39.4
123 11.6 9.4 14.2





#29

2,4-Dichlorophenol

Concen: 39.458 ng

RT: 8.075 min Scan# 1000

Delta R.T. 0.006 min

Lab File: BF143399.D

Acq: 15 Aug 2025 03:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 30863

Ion Ratio Lower Upper

162 100

164 63.8 44.5 84.5

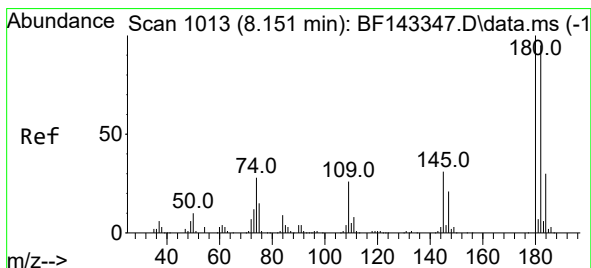
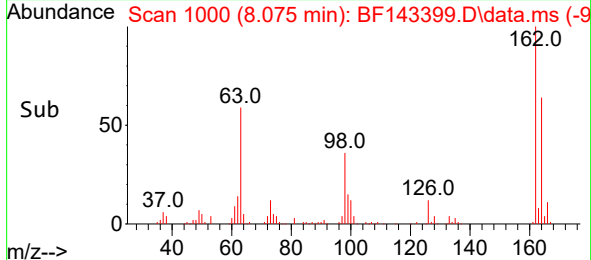
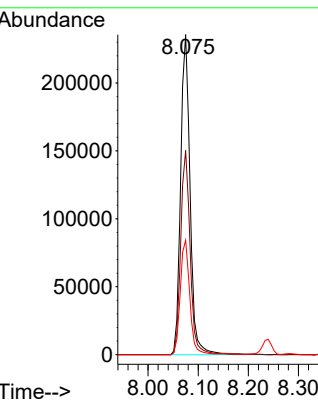
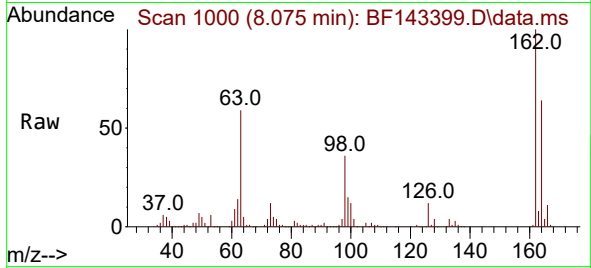
98 35.8 17.7 57.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#30

1,2,4-Trichlorobenzene

Concen: 37.571 ng

RT: 8.157 min Scan# 1014

Delta R.T. 0.006 min

Lab File: BF143399.D

Acq: 15 Aug 2025 03:54

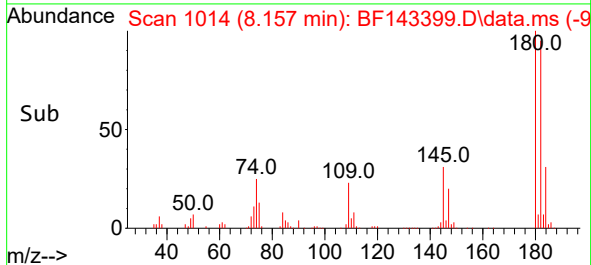
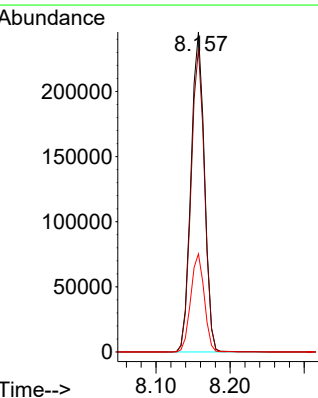
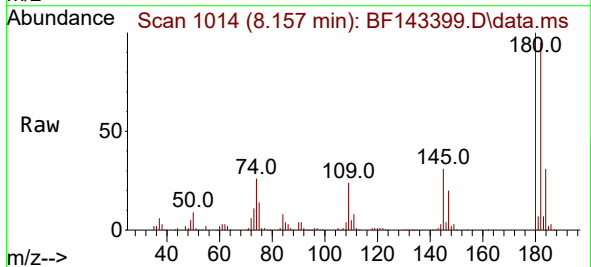
Tgt Ion:180 Resp: 309994

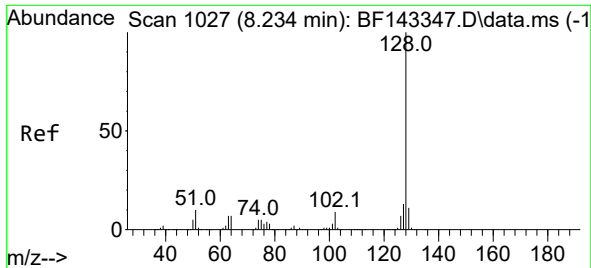
Ion Ratio Lower Upper

180 100

182 94.8 76.1 114.1

145 30.7 24.9 37.3





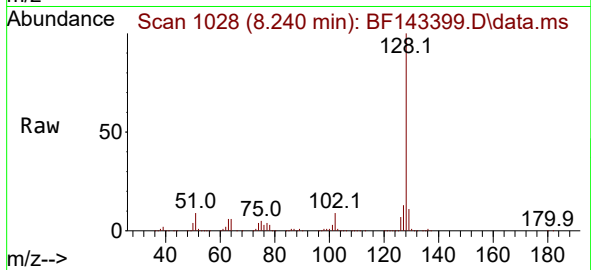
#31
Naphthalene
Concen: 36.045 ng
RT: 8.240 min Scan# 1027
Delta R.T. 0.006 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



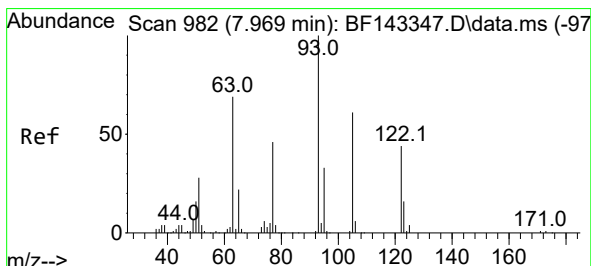
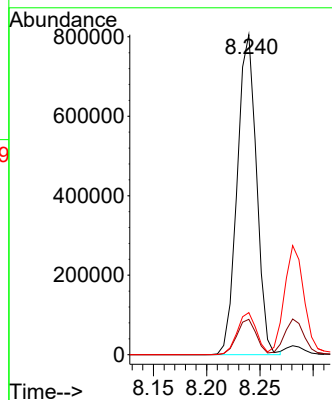
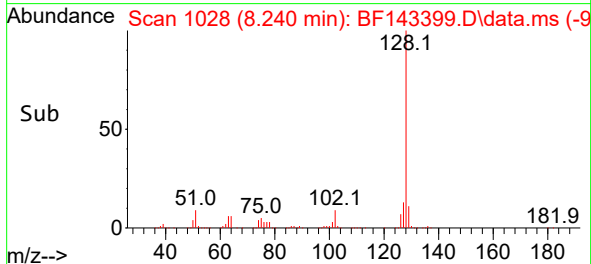
Tgt Ion:128 Resp: 1015610
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.2 10.7 16.1

Manual Integrations

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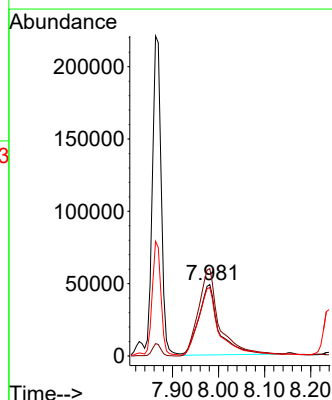
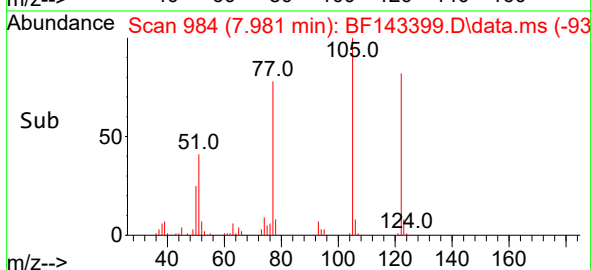
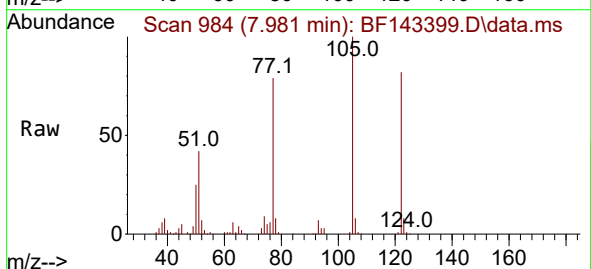
Reviewed By :Rahul Chavli 08/15/2025

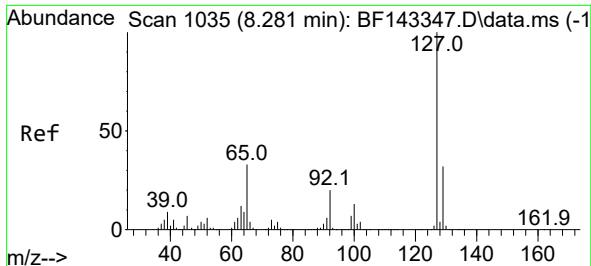
Supervised By :Jagrut Upadhyay 08/15/2025



#32
Benzoic acid
Concen: 44.034 ng
RT: 7.981 min Scan# 984
Delta R.T. 0.012 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

Tgt Ion:122 Resp: 148637
Ion Ratio Lower Upper
122 100
105 122.3 106.4 146.4
77 96.1 79.2 119.2





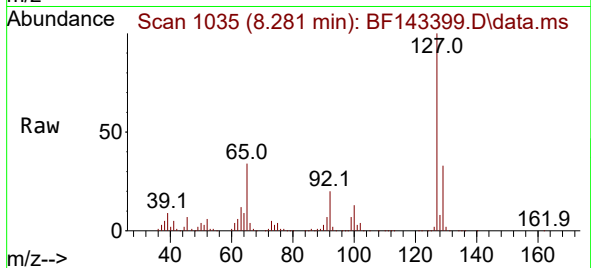
#33
4-Chloroaniline
Concen: 36.342 ng
RT: 8.281 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



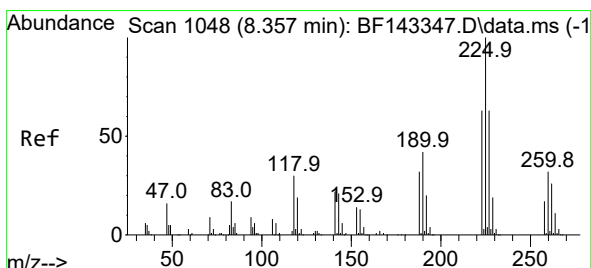
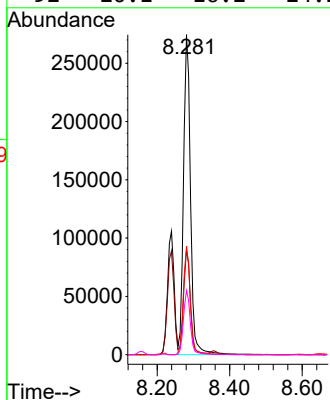
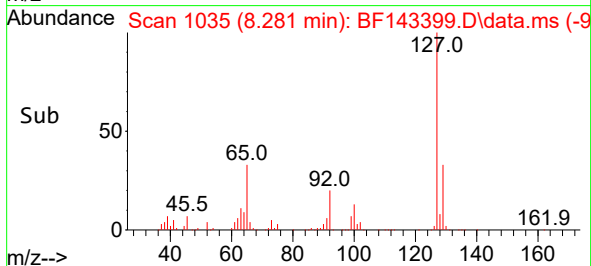
Tgt Ion:127 Resp: 369334
Ion Ratio Lower Upper
127 100
129 32.7 26.0 39.0
65 33.9 27.0 40.4
92 20.1 16.2 24.2

Manual Integrations

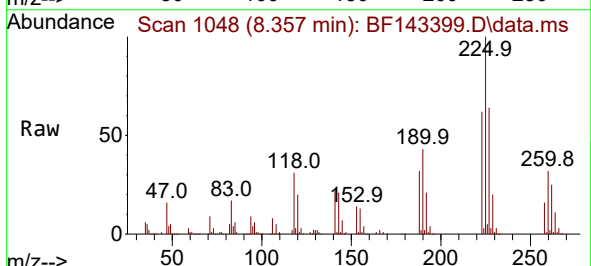
APPROVED

Reviewed By :Rahul Chavli 08/15/2025

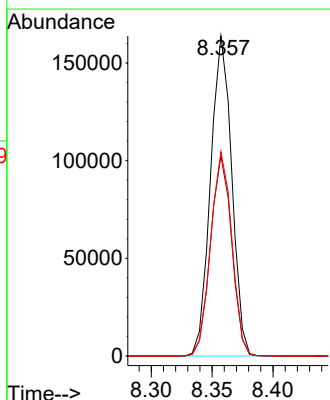
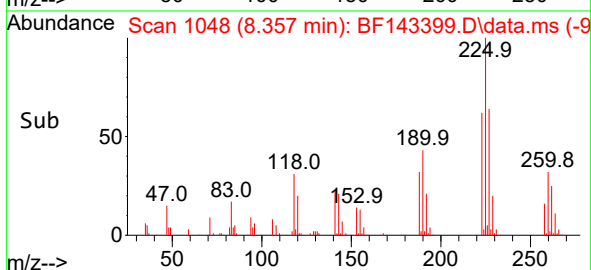
Supervised By :Jagrut Upadhyay 08/15/2025

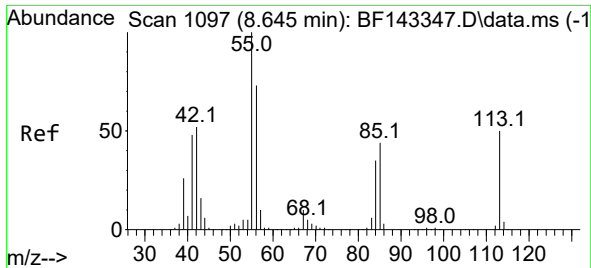


#34
Hexachlorobutadiene
Concen: 38.562 ng
RT: 8.357 min Scan# 1048
Delta R.T. 0.000 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54



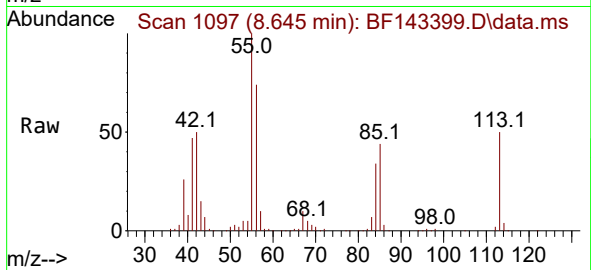
Tgt Ion:225 Resp: 197920
Ion Ratio Lower Upper
225 100
223 62.5 50.1 75.1
227 63.9 50.6 75.8





#35
 Caprolactam
 Concen: 39.416 ng
 RT: 8.645 min Scan# 1097
 Delta R.T. 0.000 min
 Lab File: BF143399.D
 Acq: 15 Aug 2025 03:54

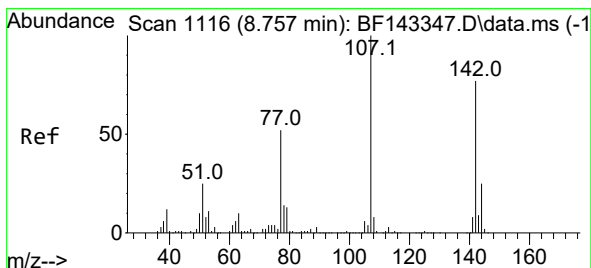
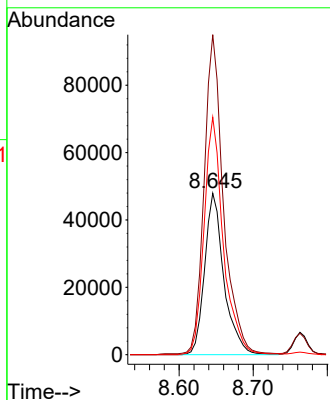
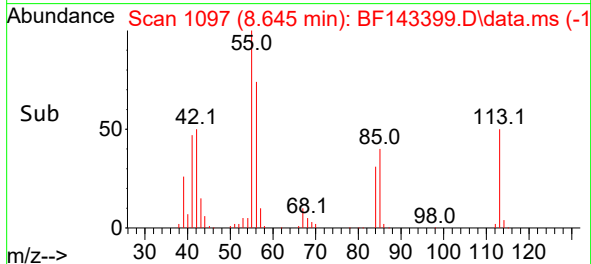
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



Tgt Ion:113 Resp: 86672
 Ion Ratio Lower Upper
 113 100
 55 198.1 181.4 221.4
 56 147.0 127.3 167.3

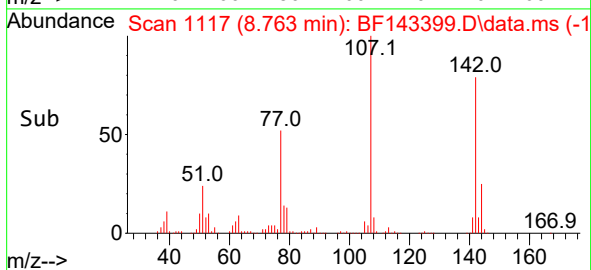
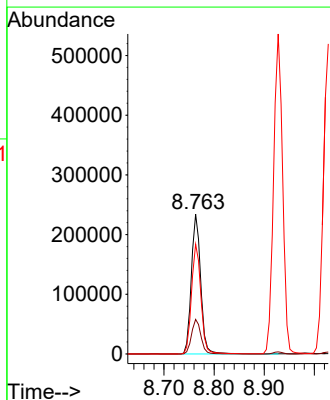
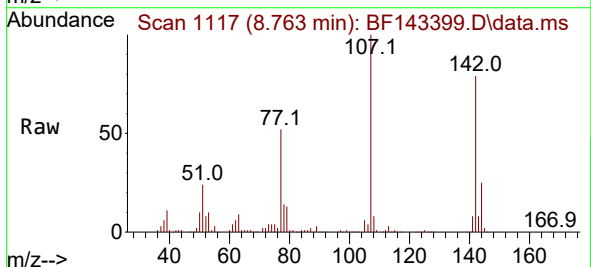
Manual Integrations
 APPROVED

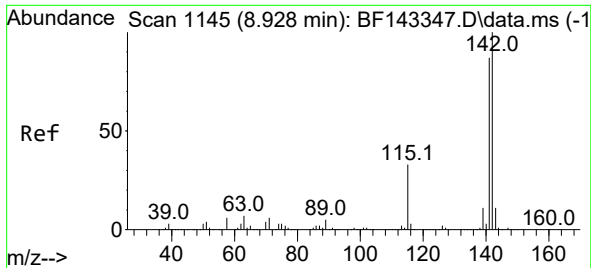
Reviewed By :Rahul Chavli 08/15/2025
 Supervised By :Jagrut Upadhyay 08/15/2025



#36
 4-Chloro-3-methylphenol
 Concen: 36.961 ng
 RT: 8.763 min Scan# 1117
 Delta R.T. 0.006 min
 Lab File: BF143399.D
 Acq: 15 Aug 2025 03:54

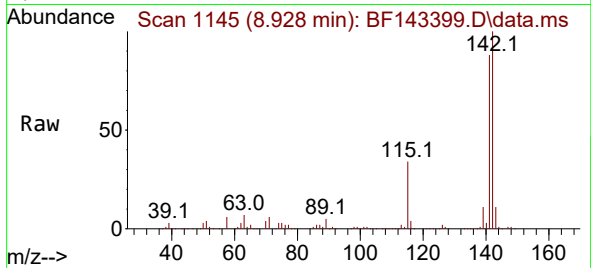
Tgt Ion:107 Resp: 303083
 Ion Ratio Lower Upper
 107 100
 144 24.8 20.0 30.0
 142 78.5 61.3 91.9





#37
2-Methylnaphthalene
Concen: 36.070 ng
RT: 8.928 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

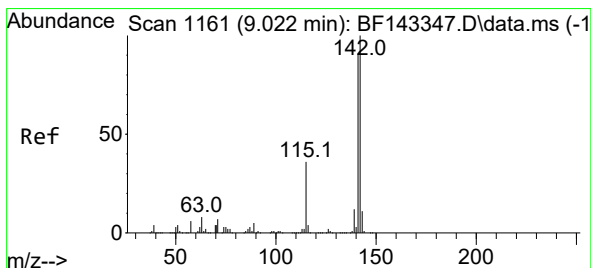
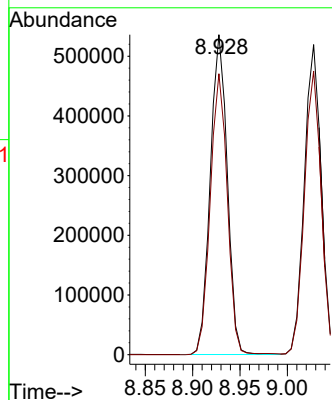
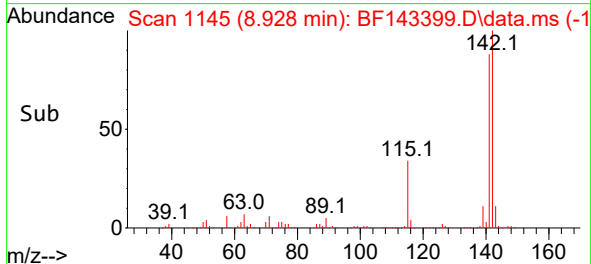
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:142 Resp: 668140
Ion Ratio Lower Upper
142 100
141 87.8 69.8 104.8

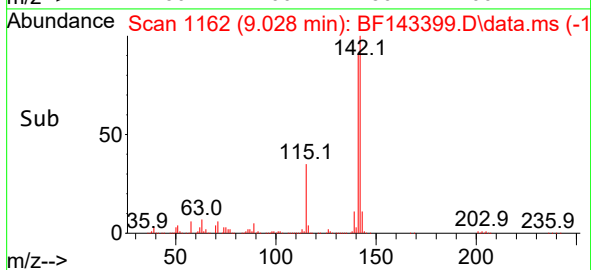
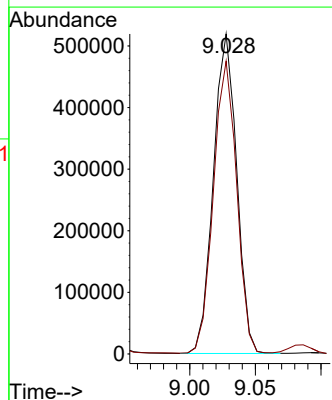
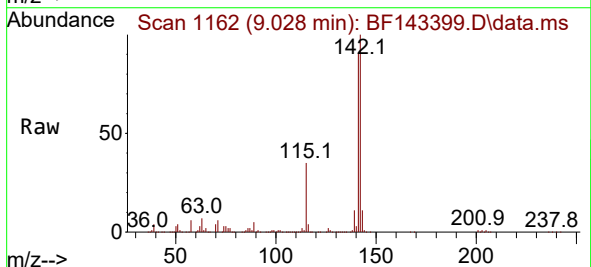
Manual Integrations
APPROVED

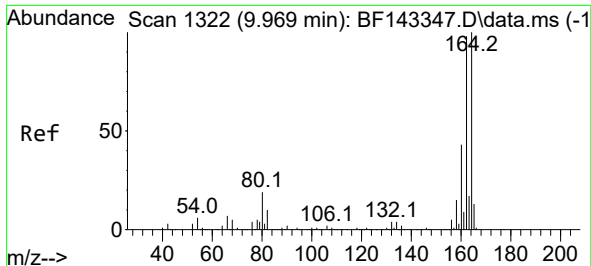
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#38
1-Methylnaphthalene
Concen: 35.896 ng
RT: 9.028 min Scan# 1162
Delta R.T. 0.006 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

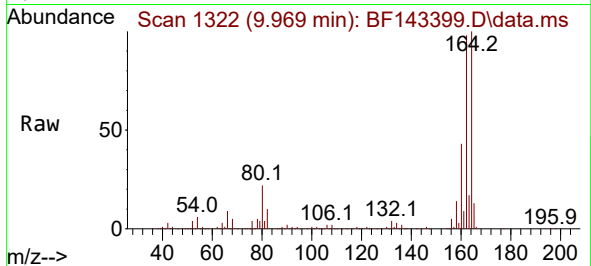
Tgt Ion:142 Resp: 640396
Ion Ratio Lower Upper
142 100
141 91.5 73.0 109.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1117
Delta R.T. -0.000 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

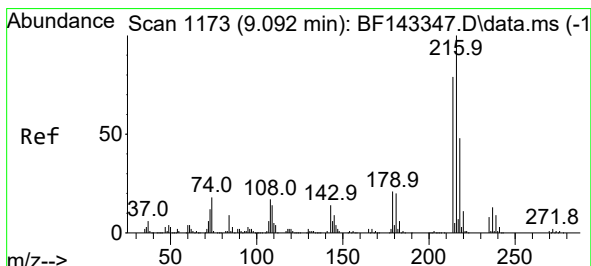
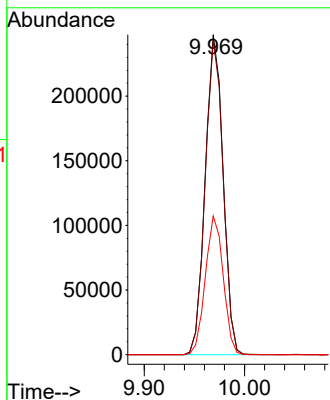
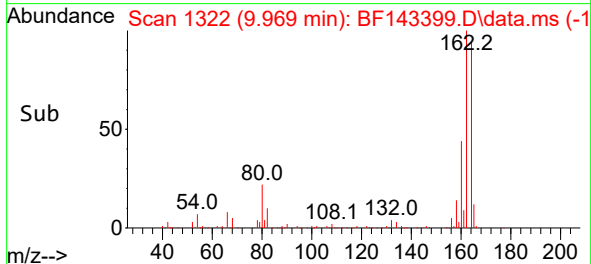
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



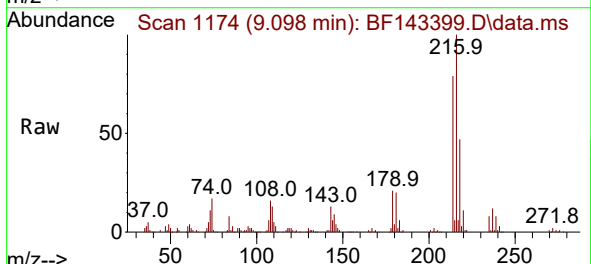
Tgt Ion:164 Resp: 307669
Ion Ratio Lower Upper
164 100
162 98.3 78.6 118.0
160 43.3 34.4 51.6

Manual Integrations
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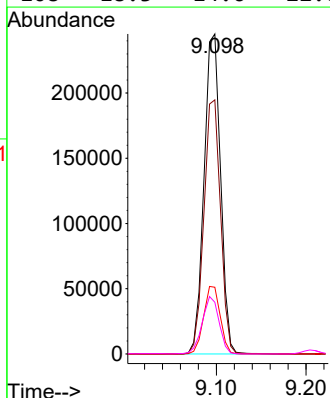
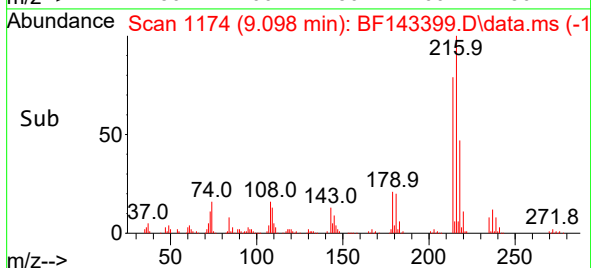
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

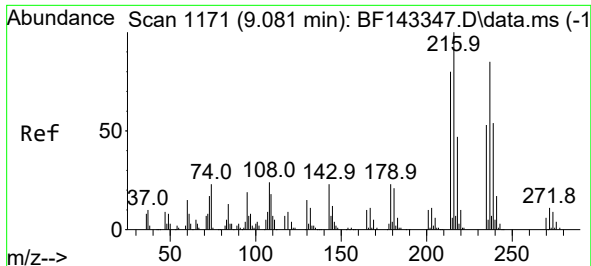


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.276 ng
RT: 9.098 min Scan# 1174
Delta R.T. 0.006 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54



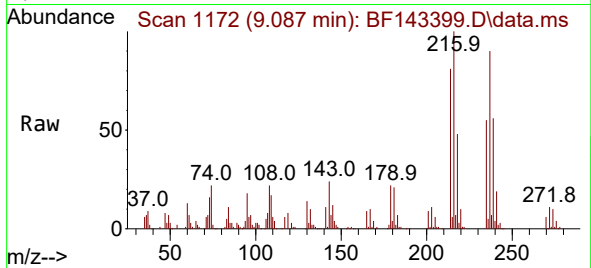
Tgt Ion:216 Resp: 313835
Ion Ratio Lower Upper
216 100
214 79.8 63.0 94.4
179 21.1 17.0 25.4
108 18.3 14.6 22.0





#41
Hexachlorocyclopentadiene
Concen: 52.784 ng
RT: 9.087 min Scan# 1171
Delta R.T. 0.006 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

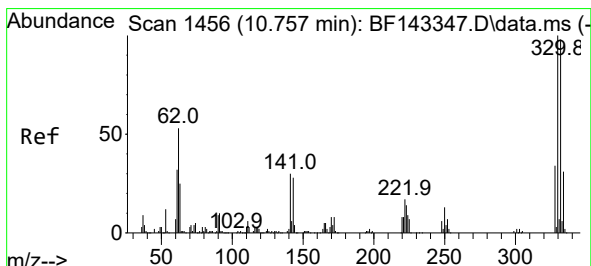
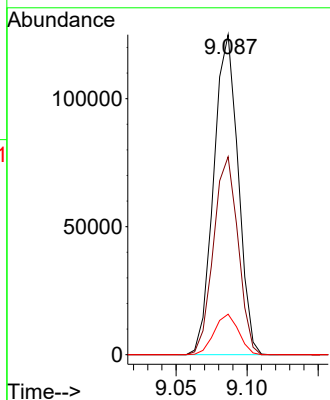
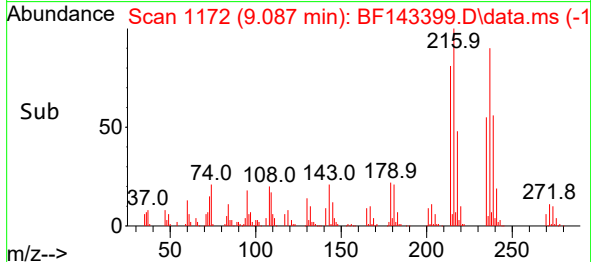
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



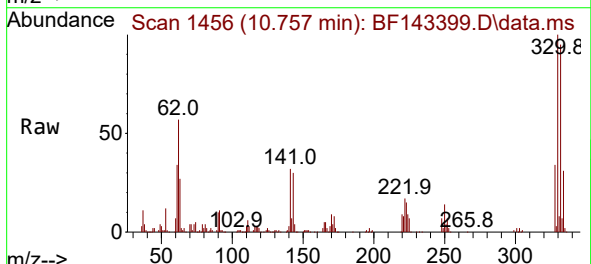
Tgt Ion: 237 Resp: 14946
Ion Ratio Lower Upper
237 100
235 61.8 42.0 82.0
272 12.6 0.0 32.6

Manual Integrations
APPROVED

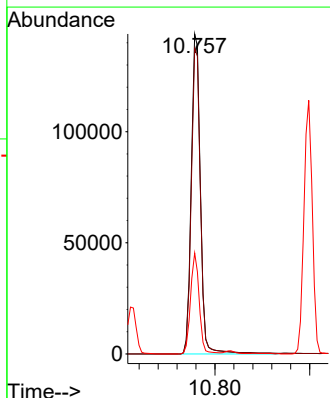
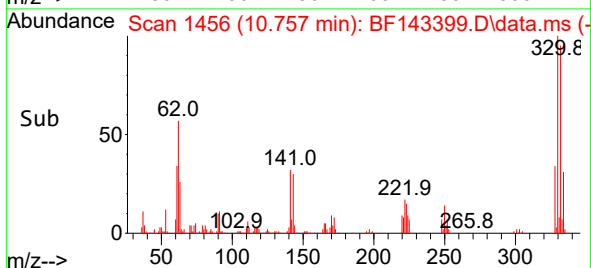
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

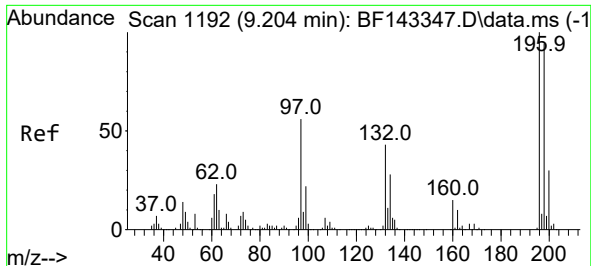


#42
2,4,6-Tribromophenol
Concen: 86.257 ng
RT: 10.757 min Scan# 1456
Delta R.T. 0.000 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54



Tgt Ion: 330 Resp: 193949
Ion Ratio Lower Upper
330 100
332 95.5 78.1 117.1
141 29.8 25.4 38.0





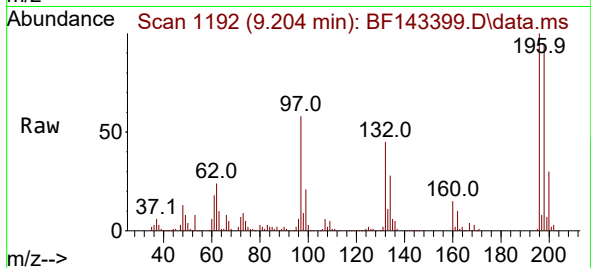
#43
2,4,6-Trichlorophenol
Concen: 41.302 ng
RT: 9.204 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



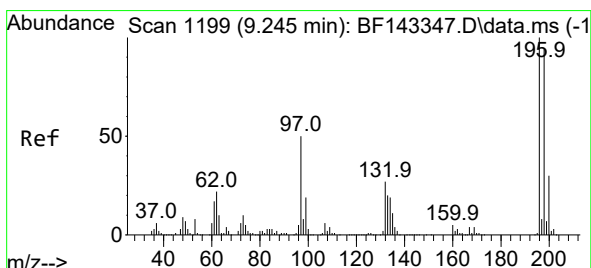
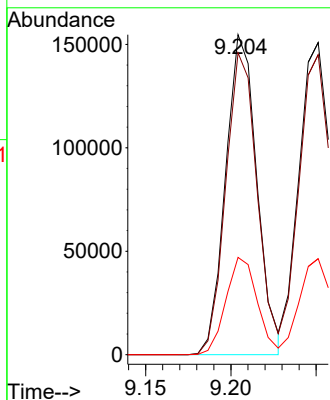
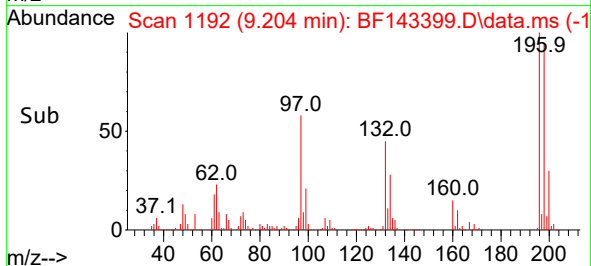
Tgt Ion:196 Resp: 197297
Ion Ratio Lower Upper
196 100
198 94.3 75.4 113.0
200 30.4 24.3 36.5

Manual Integrations

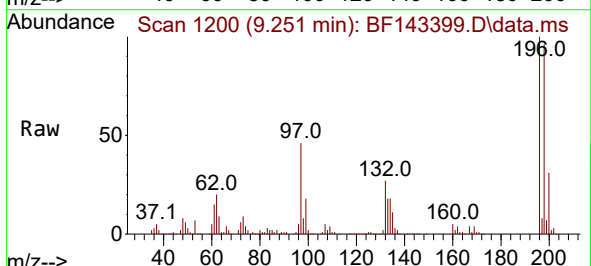
APPROVED

Reviewed By :Rahul Chavli 08/15/2025

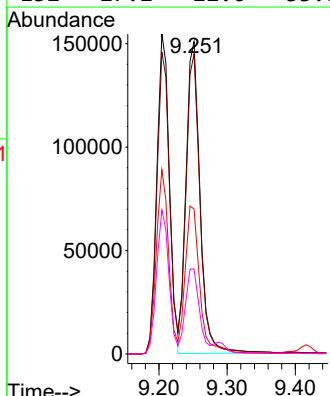
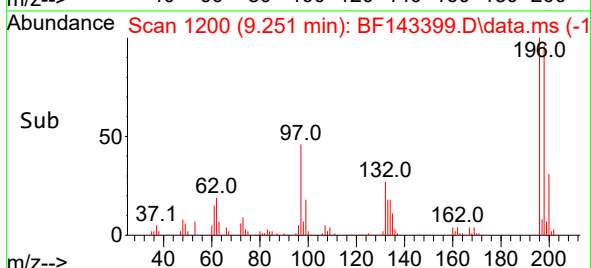
Supervised By :Jagrut Upadhyay 08/15/2025

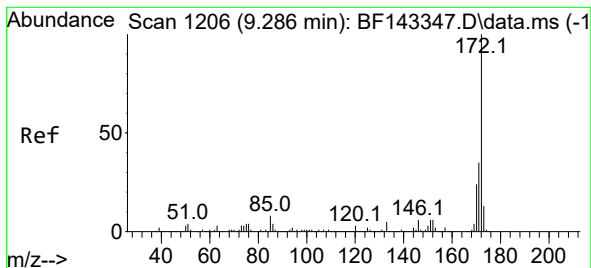


#44
2,4,5-Trichlorophenol
Concen: 39.752 ng
RT: 9.251 min Scan# 1200
Delta R.T. 0.006 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54



Tgt Ion:196 Resp: 214438
Ion Ratio Lower Upper
196 100
198 96.1 75.4 113.2
97 46.4 39.9 59.9
132 27.2 22.6 33.8





#45

2-Fluorobiphenyl

Concen: 72.124 ng

RT: 9.287 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BF143399.D

Acq: 15 Aug 2025 03:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:172 Resp: 1308570

Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

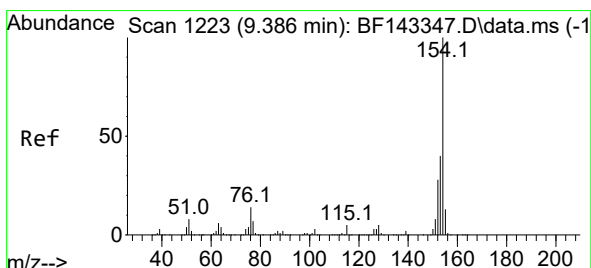
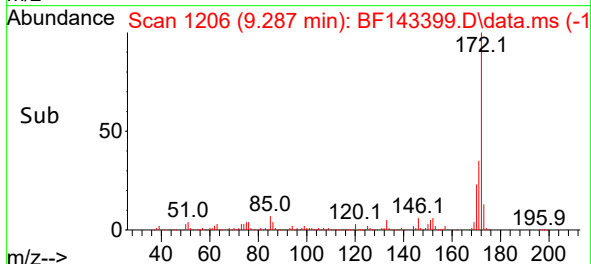
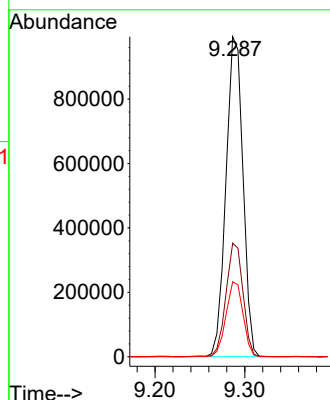
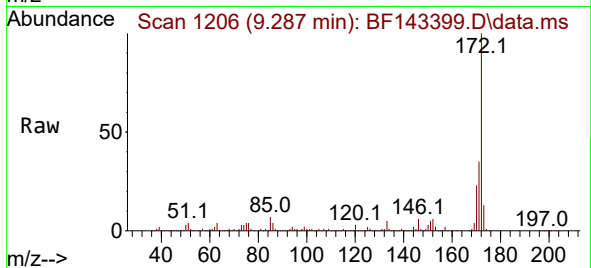
170 23.4 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#46

1,1'-Biphenyl

Concen: 36.146 ng

RT: 9.392 min Scan# 1224

Delta R.T. 0.006 min

Lab File: BF143399.D

Acq: 15 Aug 2025 03:54

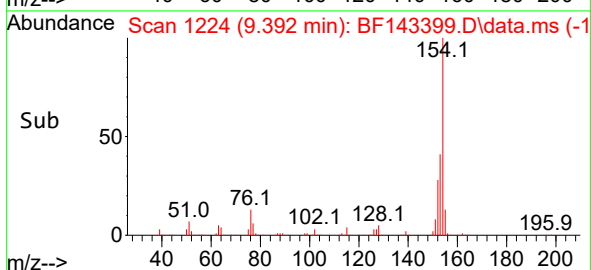
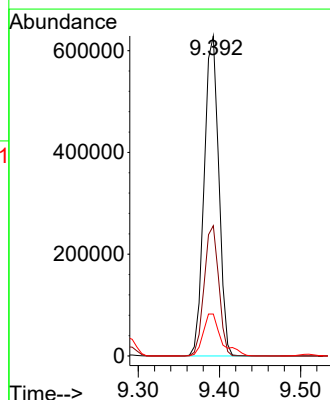
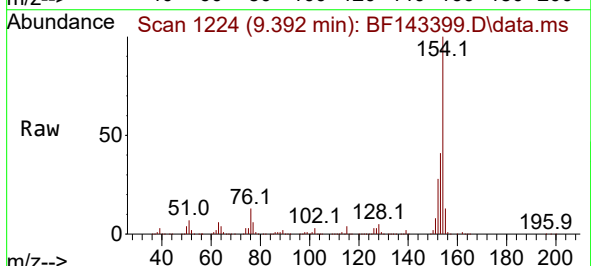
Tgt Ion:154 Resp: 786326

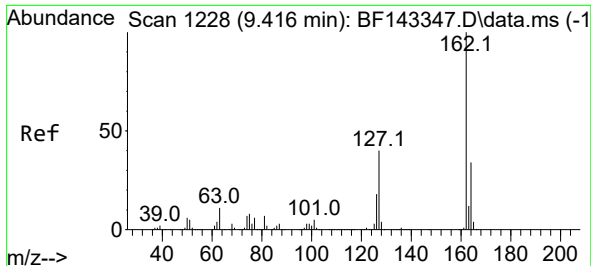
Ion Ratio Lower Upper

154 100

153 40.7 20.2 60.2

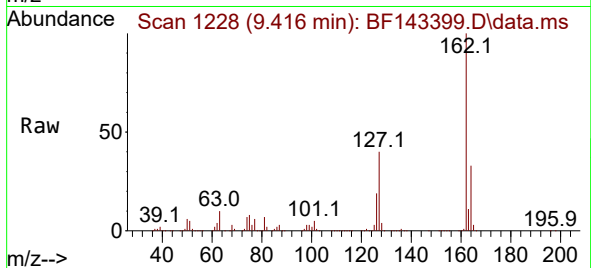
76 13.1 0.0 34.4





#47
2-Chloronaphthalene
Concen: 36.686 ng
RT: 9.416 min Scan# 1228
Delta R.T. 0.000 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

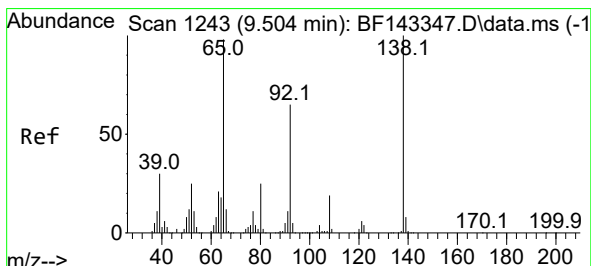
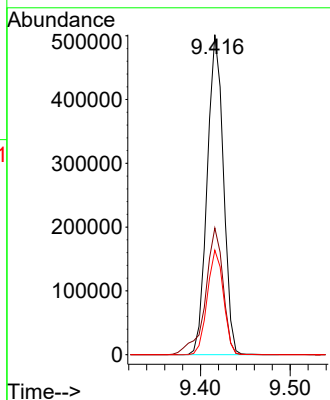
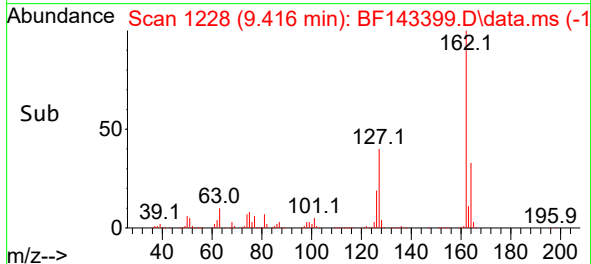
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



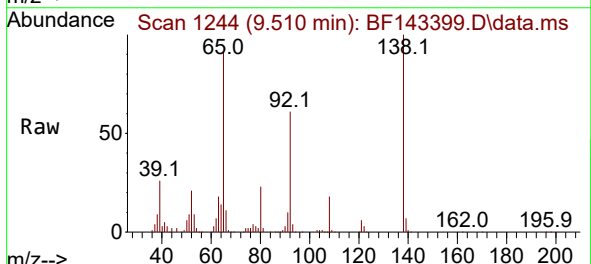
Tgt Ion:162 Resp: 628530
Ion Ratio Lower Upper
162 100
127 39.6 32.1 48.1
164 32.7 27.0 40.4

Manual Integrations
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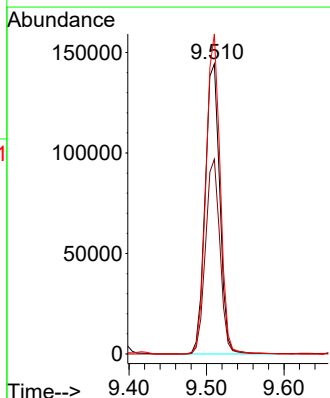
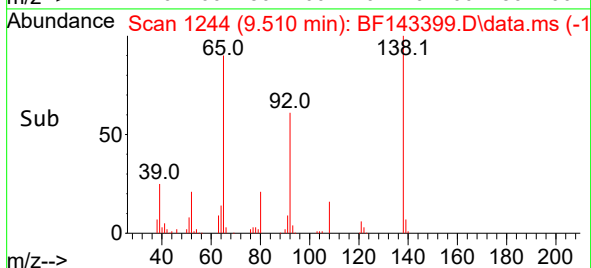
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

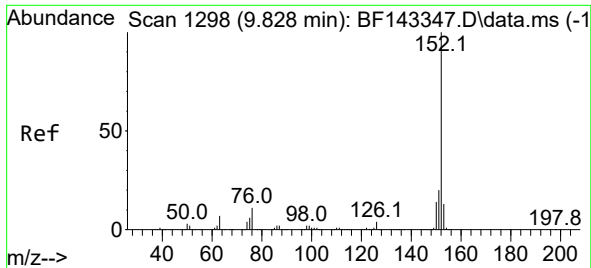


#48
2-Nitroaniline
Concen: 39.015 ng
RT: 9.510 min Scan# 1244
Delta R.T. 0.006 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54



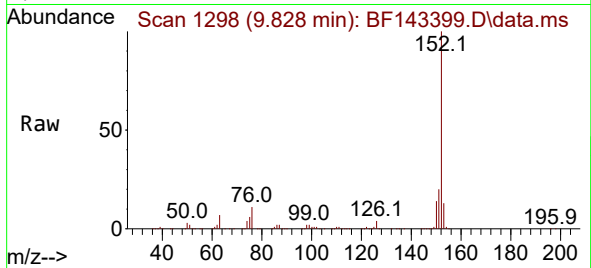
Tgt Ion: 65 Resp: 190071
Ion Ratio Lower Upper
65 100
92 67.1 53.1 79.7
138 110.3 81.4 122.0





#49
Acenaphthylene
Concen: 36.320 ng
RT: 9.828 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

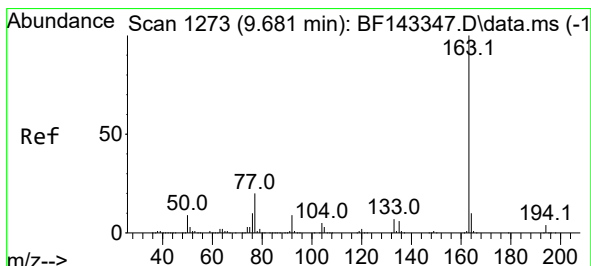
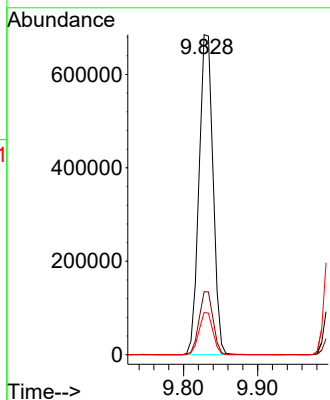
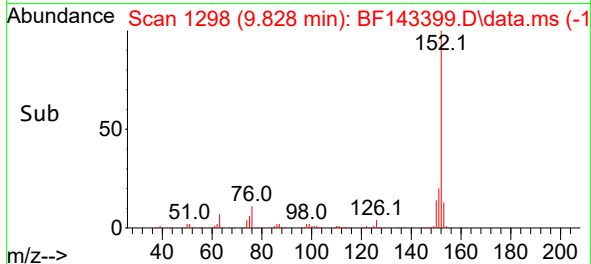
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



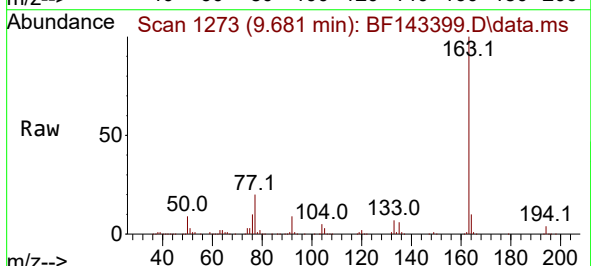
Tgt Ion:152 Resp: 89862
Ion Ratio Lower Upper
152 100
151 19.7 16.2 24.2
153 13.2 10.6 16.0

Manual Integrations
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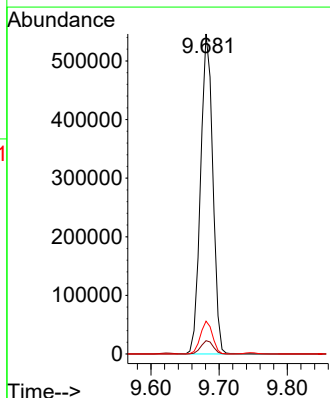
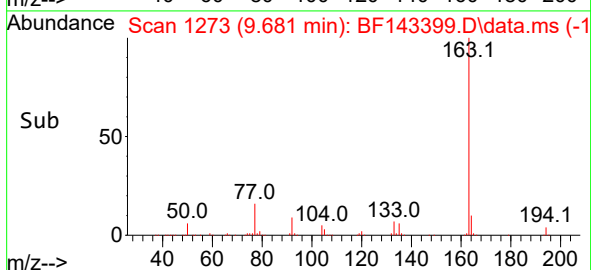
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

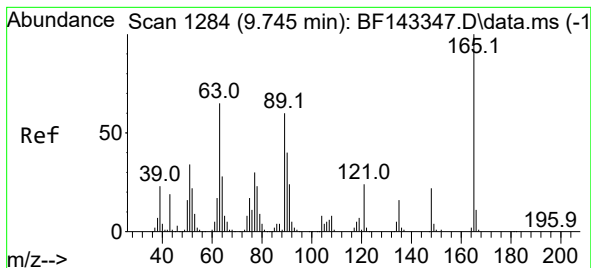


#50
Dimethylphthalate
Concen: 37.964 ng
RT: 9.681 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54



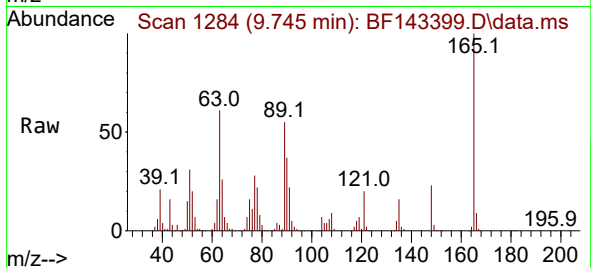
Tgt Ion:163 Resp: 682495
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 43.044 ng
RT: 9.745 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

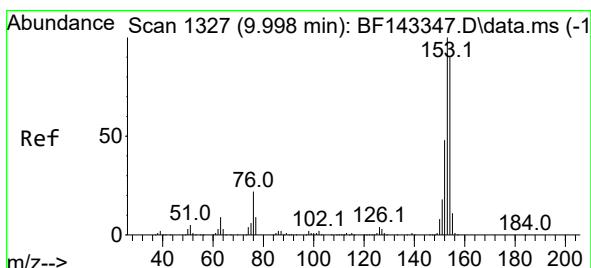
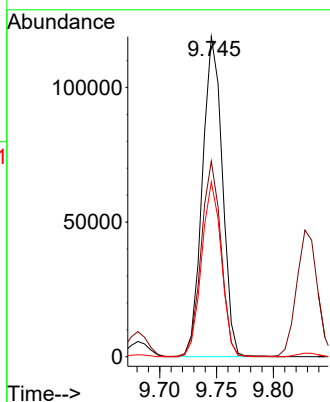
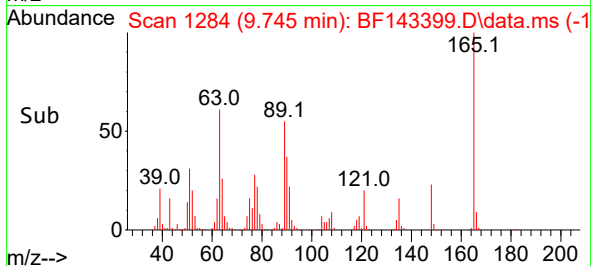
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



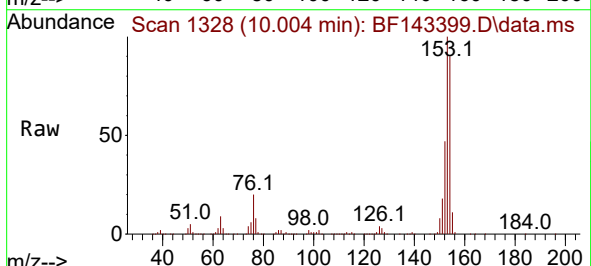
Tgt Ion:165 Resp: 145324
Ion Ratio Lower Upper
165 100
63 61.1 51.6 77.4
89 54.6 47.7 71.5

Manual Integrations
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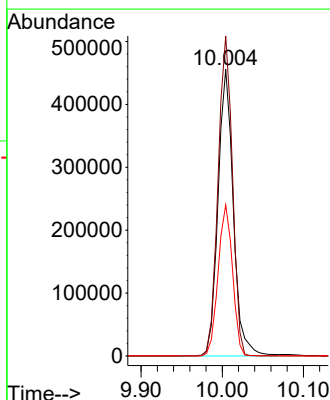
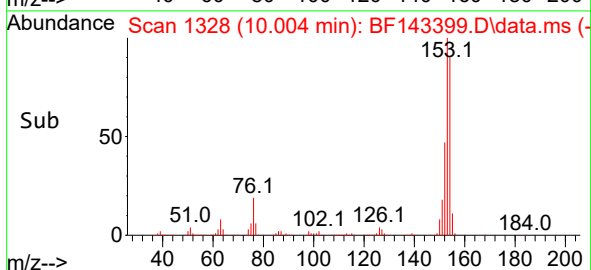
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

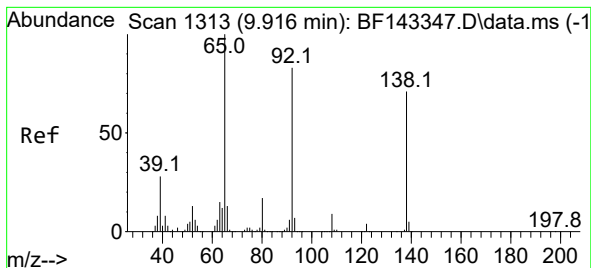


#52
Acenaphthene
Concen: 36.404 ng
RT: 10.004 min Scan# 1328
Delta R.T. 0.006 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54



Tgt Ion:154 Resp: 598801
Ion Ratio Lower Upper
154 100
153 111.7 88.5 132.7
152 52.7 42.4 63.6





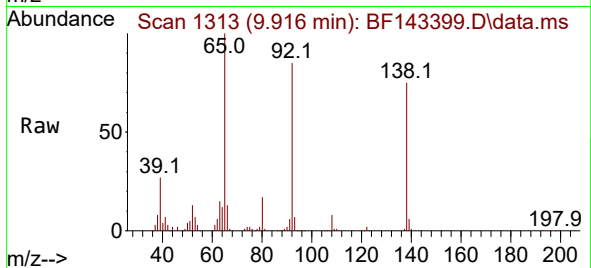
#53
3-Nitroaniline
Concen: 42.759 ng
RT: 9.916 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



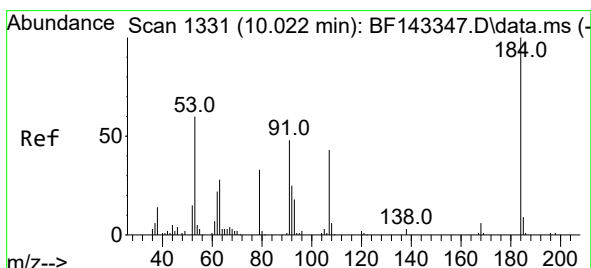
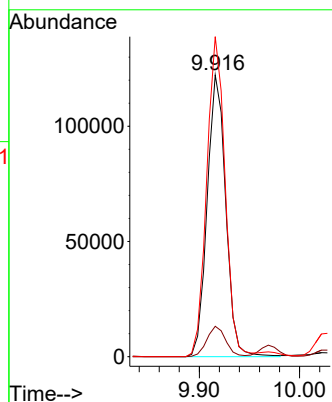
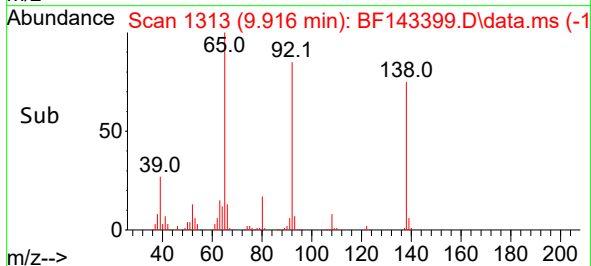
Tgt Ion:138 Resp: 157424
Ion Ratio Lower Upper
138 100
108 10.8 9.6 14.4
92 113.6 93.4 140.2

Manual Integrations

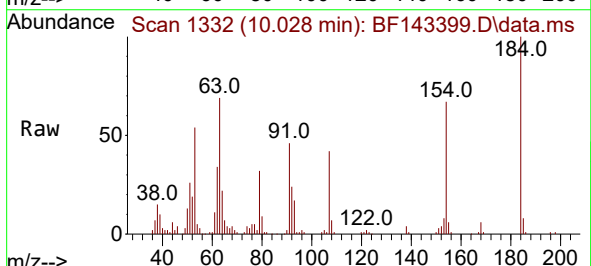
APPROVED

Reviewed By :Rahul Chavli 08/15/2025

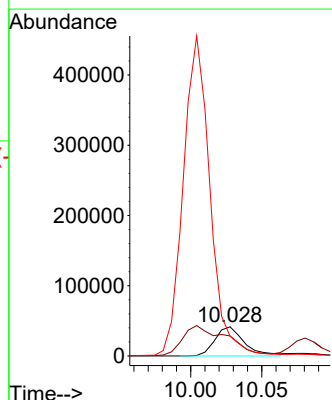
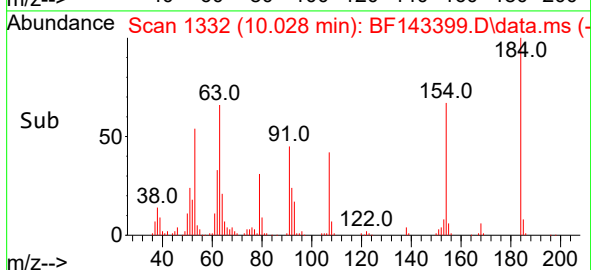
Supervised By :Jagrut Upadhyay 08/15/2025

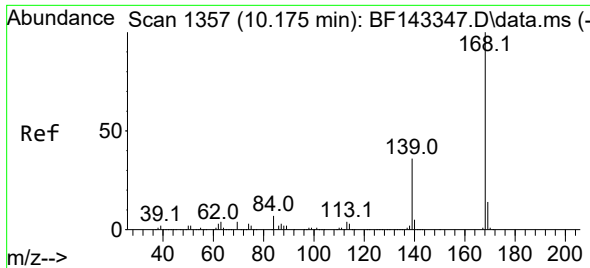


#54
2,4-Dinitrophenol
Concen: 51.347 ng
RT: 10.028 min Scan# 1332
Delta R.T. 0.006 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54



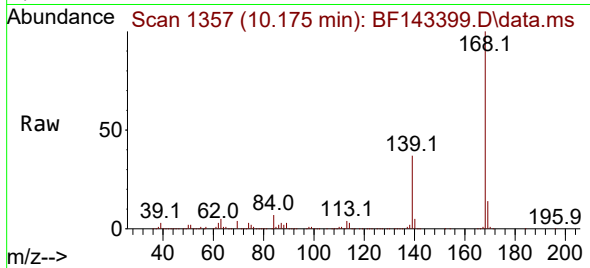
Tgt Ion:184 Resp: 59555
Ion Ratio Lower Upper
184 100
63 69.0 62.5 93.7
154 67.5 73.0 109.4#





#55
Dibenzofuran
Concen: 35.775 ng
RT: 10.175 min Scan# 1357
Delta R.T. 0.000 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

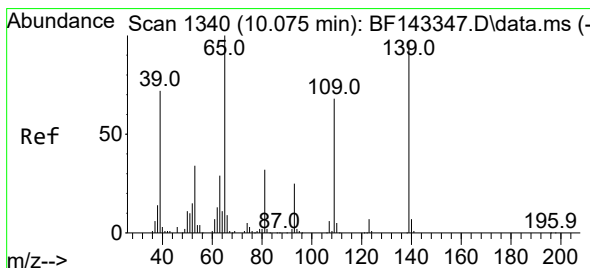
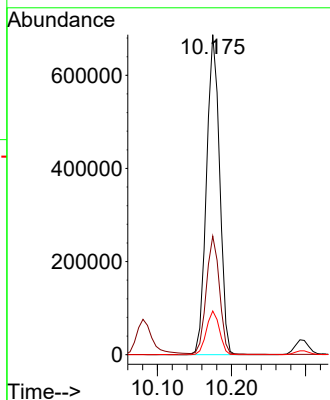
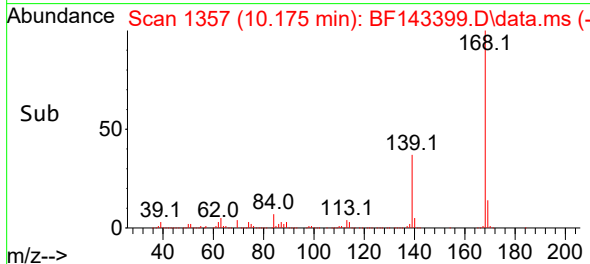
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:168 Resp: 846919
Ion Ratio Lower Upper
168 100
139 37.0 29.4 44.0
169 13.7 11.0 16.6

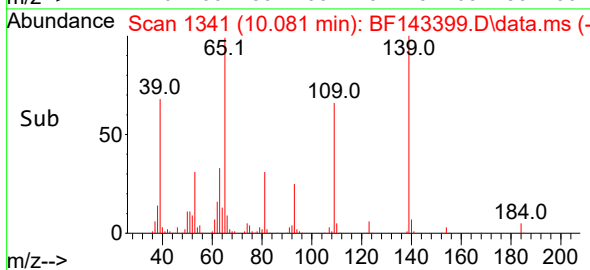
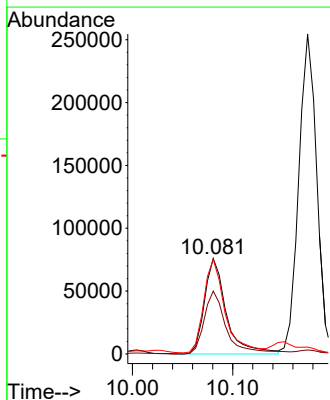
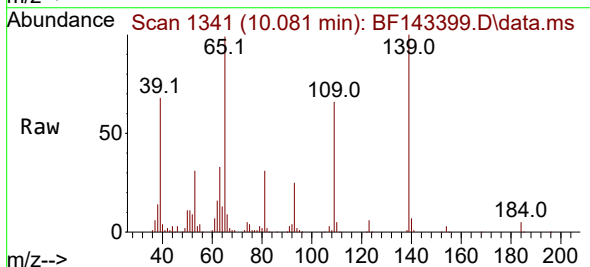
Manual Integrations
APPROVED

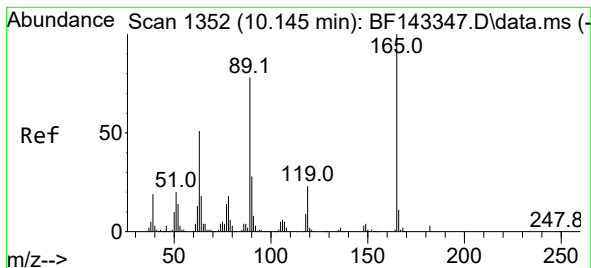
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#56
4-Nitrophenol
Concen: 41.856 ng
RT: 10.081 min Scan# 1341
Delta R.T. 0.006 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

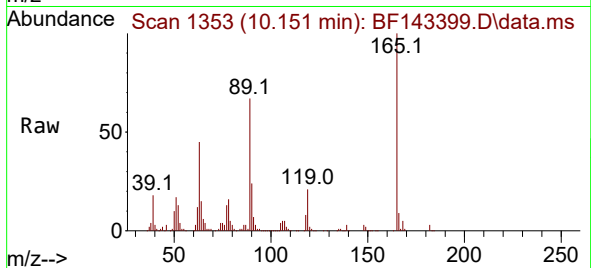
Tgt Ion:139 Resp: 114908
Ion Ratio Lower Upper
139 100
109 65.8 49.4 89.4
65 99.1 83.7 123.7





#57
2,4-Dinitrotoluene
Concen: 42.395 ng
RT: 10.151 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

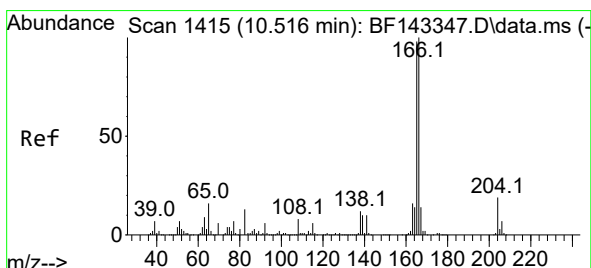
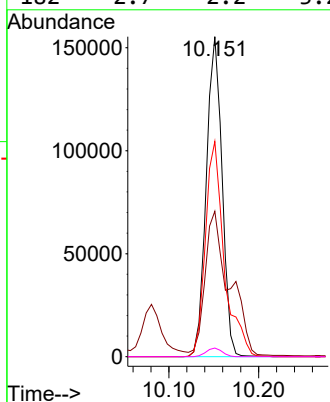
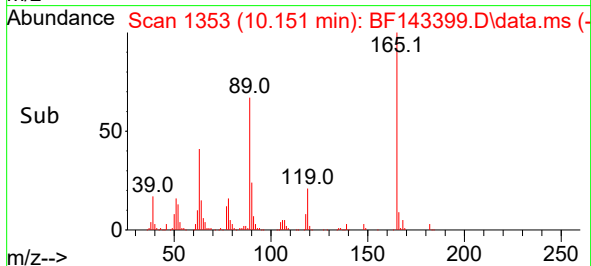
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



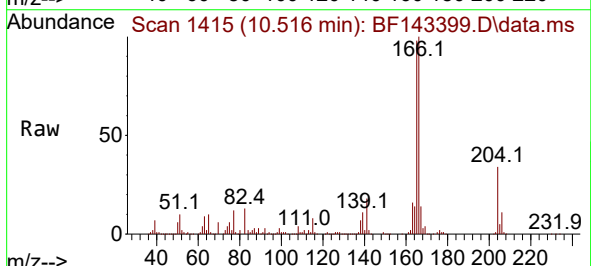
Tgt Ion:165 Resp: 18968
Ion Ratio Lower Upper
165 100
63 45.4 41.8 62.8
89 67.2 62.4 93.6
182 2.7 2.2 3.2

Manual Integrations
APPROVED

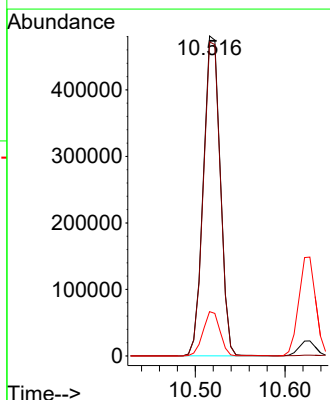
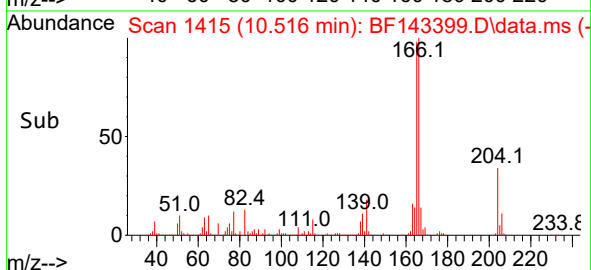
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

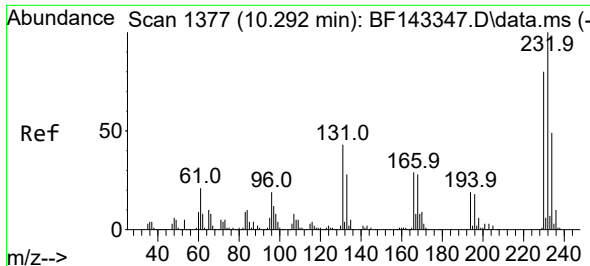


#58
Fluorene
Concen: 34.878 ng
RT: 10.516 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54



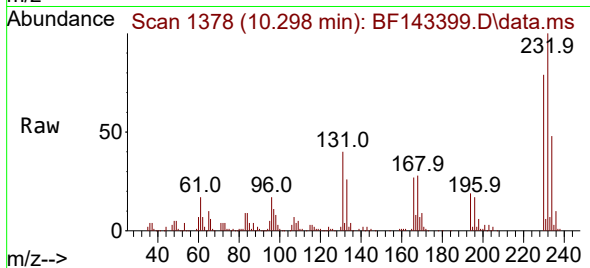
Tgt Ion:166 Resp: 630662
Ion Ratio Lower Upper
166 100
165 98.2 78.2 117.4
167 13.9 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.560 ng
RT: 10.298 min Scan# 1377
Delta R.T. 0.006 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

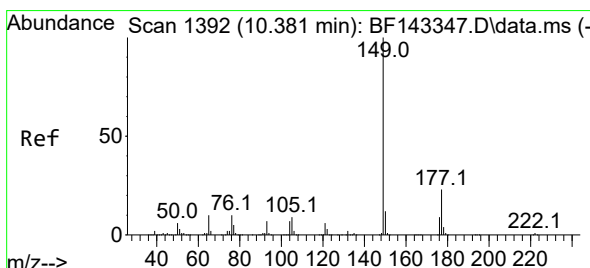
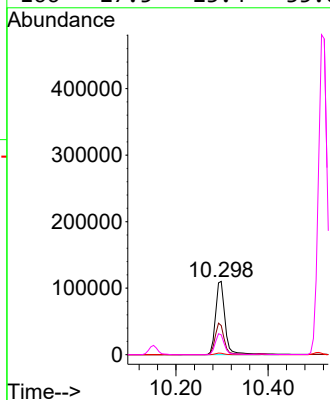
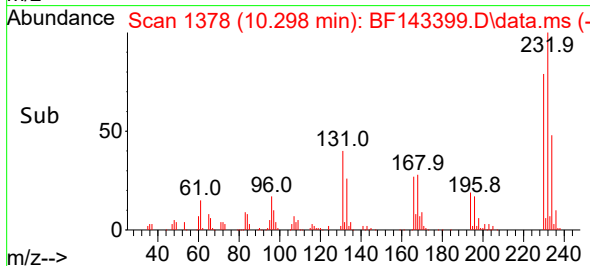
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



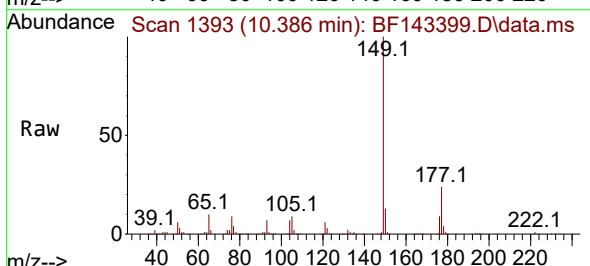
Tgt Ion:232 Resp: 158391
Ion Ratio Lower Upper
232 100
131 40.9 34.6 51.8
130 1.9 1.7 2.5
166 27.5 23.4 35.0

Manual Integrations
APPROVED

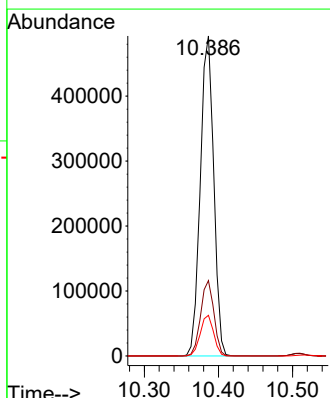
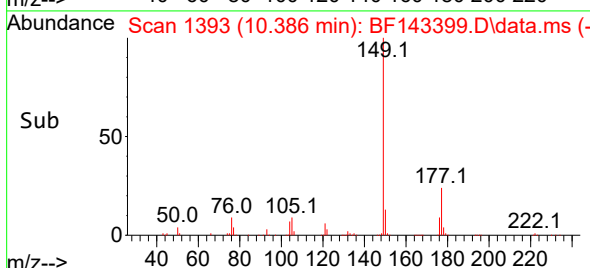
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

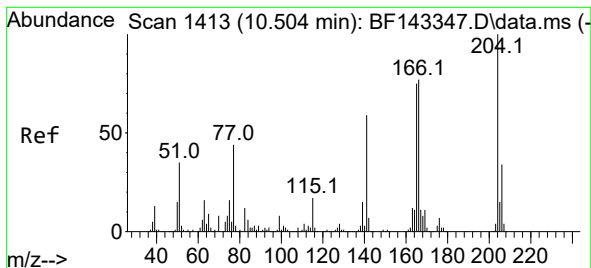


#60
Diethylphthalate
Concen: 38.637 ng
RT: 10.386 min Scan# 1393
Delta R.T. 0.006 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54



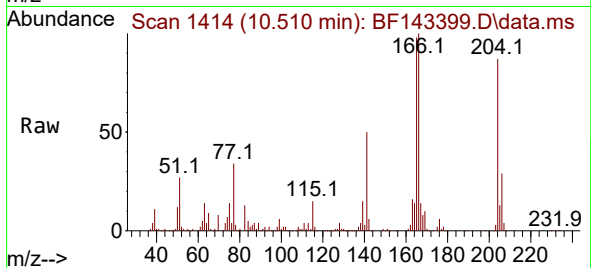
Tgt Ion:149 Resp: 622164
Ion Ratio Lower Upper
149 100
177 23.6 18.2 27.2
150 12.7 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 36.713 ng
RT: 10.510 min Scan# 1413
Delta R.T. 0.006 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

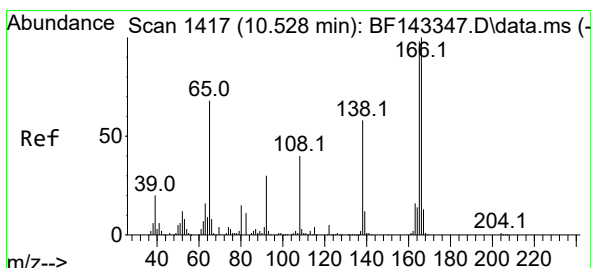
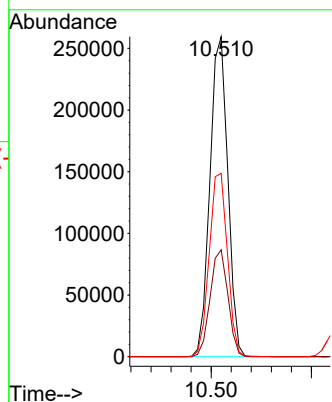
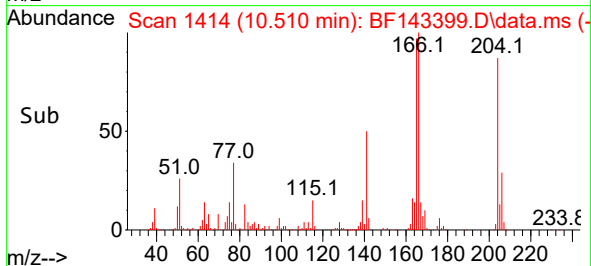
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



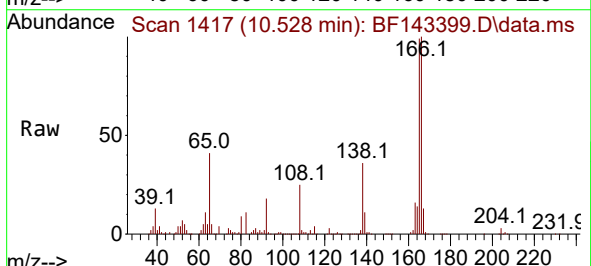
Tgt Ion:204 Resp: 32076
Ion Ratio Lower Upper
204 100
206 33.4 27.4 41.2
141 57.3 46.9 70.3

Manual Integrations
APPROVED

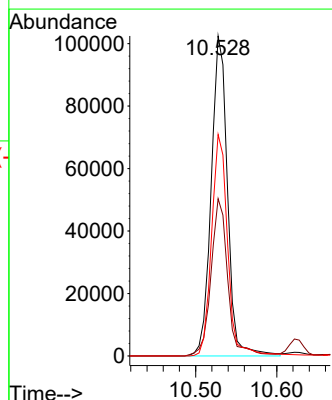
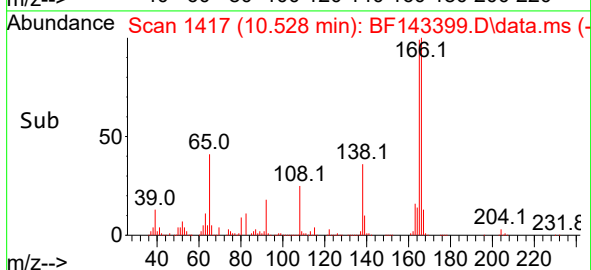
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

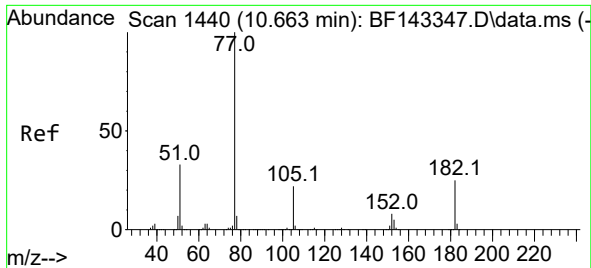


#62
4-Nitroaniline
Concen: 40.094 ng
RT: 10.528 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54



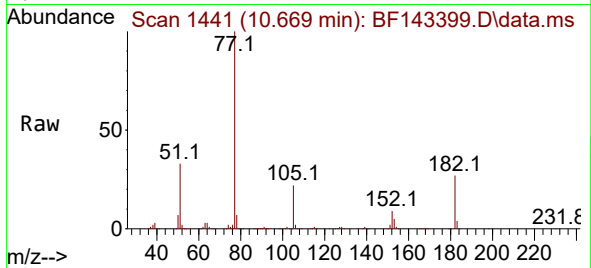
Tgt Ion:138 Resp: 142815
Ion Ratio Lower Upper
138 100
92 49.2 31.2 71.2
108 69.2 48.1 88.1





#63
Azobenzene
Concen: 34.469 ng
RT: 10.669 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

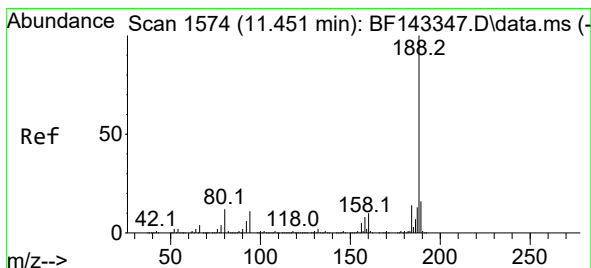
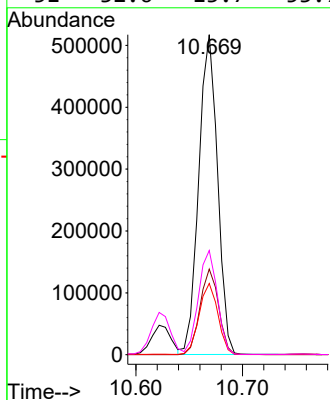
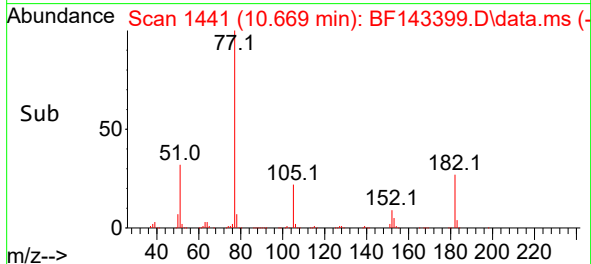
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



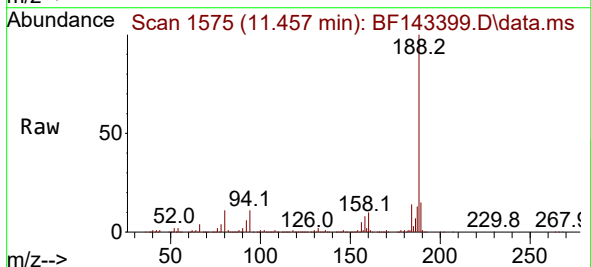
Tgt Ion: 77 Resp: 633989
Ion Ratio Lower Upper
77 100
182 26.7 4.4 44.4
105 22.3 1.8 41.8
51 32.6 13.7 53.7

Manual Integrations
APPROVED

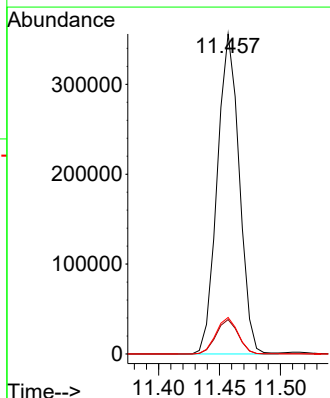
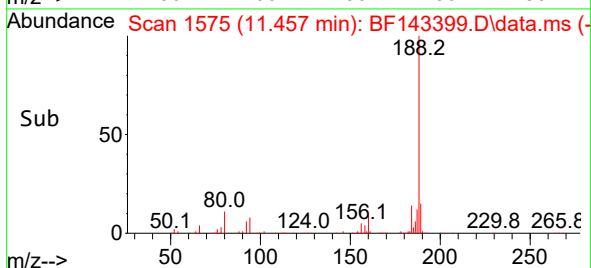
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

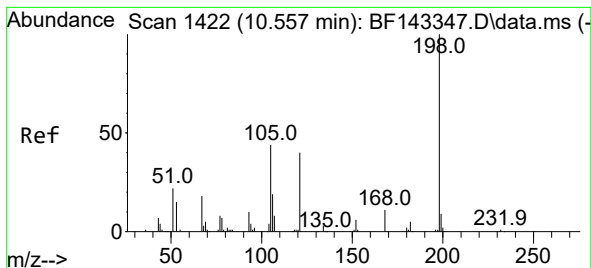


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1575
Delta R.T. 0.006 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54



Tgt Ion:188 Resp: 448323
Ion Ratio Lower Upper
188 100
94 10.7 8.8 13.2
80 11.4 9.7 14.5





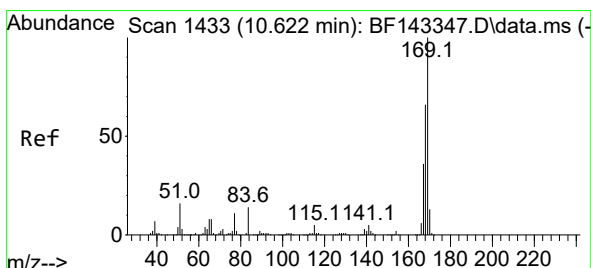
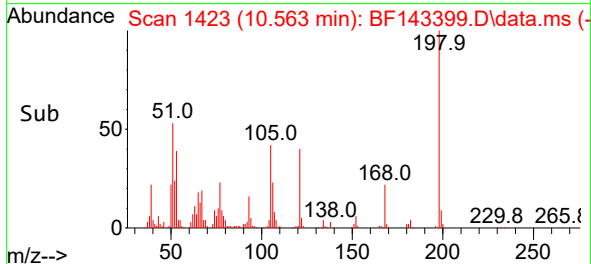
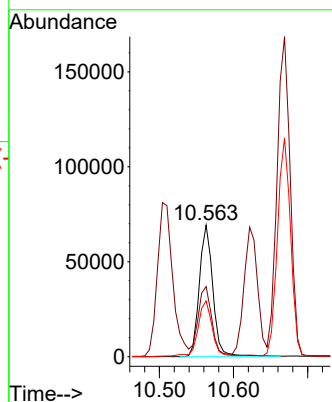
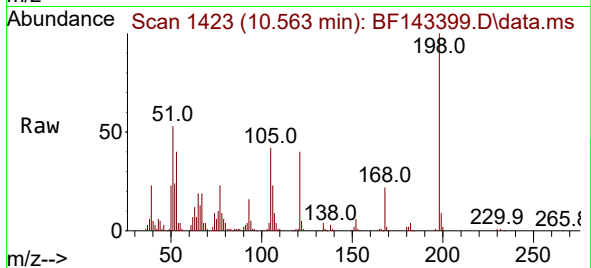
#65
4,6-Dinitro-2-methylphenol
Concen: 48.521 ng
RT: 10.563 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 88170
Ion Ratio Lower Upper
198 100
51 53.3 41.7 81.7
105 42.4 26.8 66.8

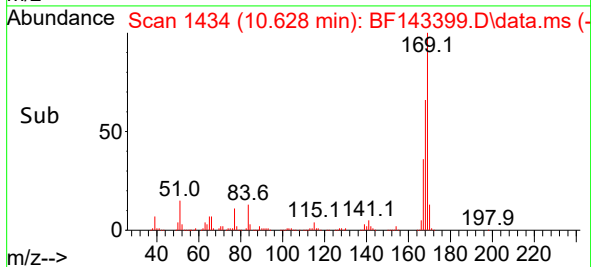
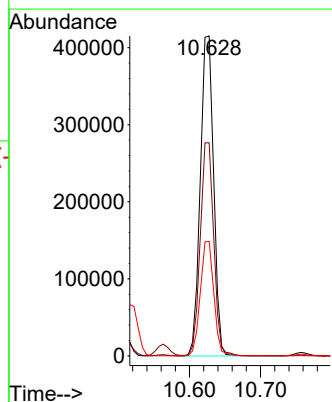
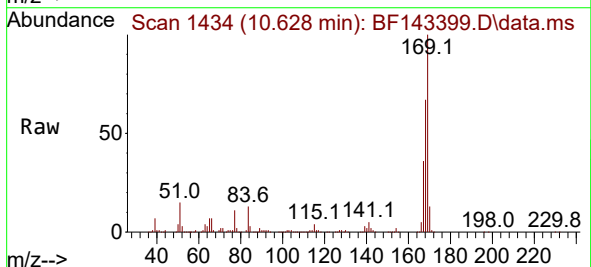
Manual Integrations
APPROVED

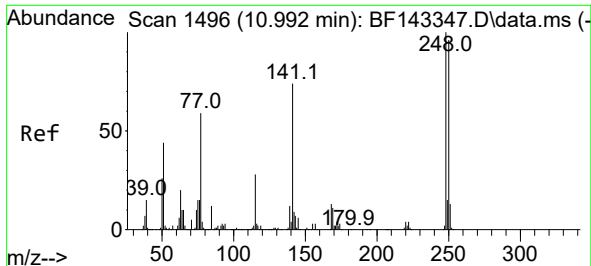
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#66
n-Nitrosodiphenylamine
Concen: 36.871 ng
RT: 10.628 min Scan# 1434
Delta R.T. 0.006 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

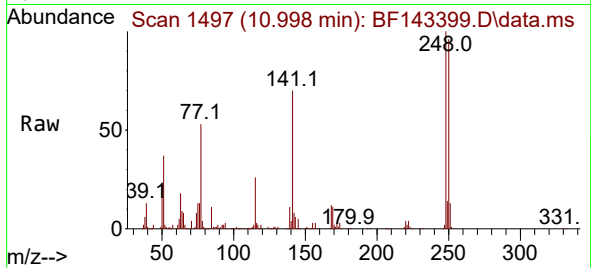
Tgt Ion:169 Resp: 544301
Ion Ratio Lower Upper
169 100
168 66.6 52.7 79.1
167 35.8 28.6 42.8





#67
4-Bromophenyl-phenylether
Concen: 38.580 ng
RT: 10.998 min Scan# 1496
Delta R.T. 0.006 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

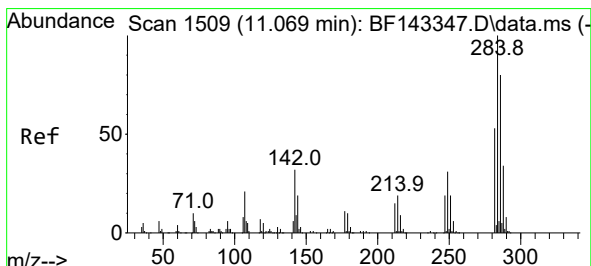
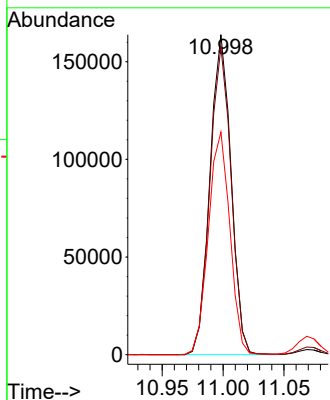
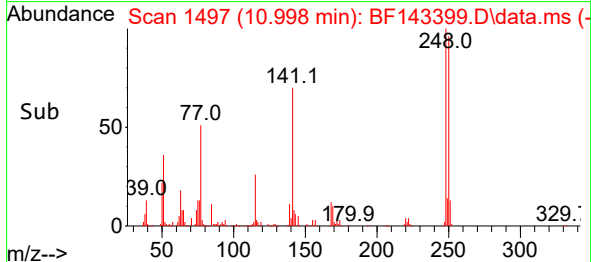
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:248 Resp: 197810
Ion Ratio Lower Upper
248 100
250 96.2 77.1 115.7
141 69.6 59.1 88.7

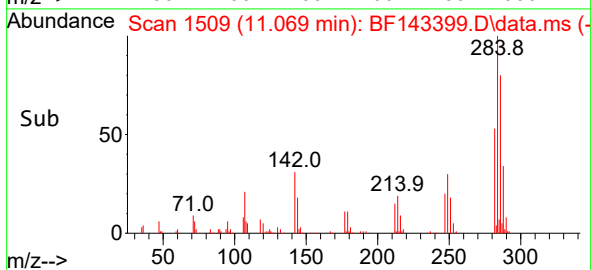
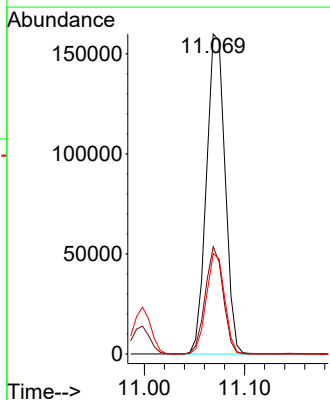
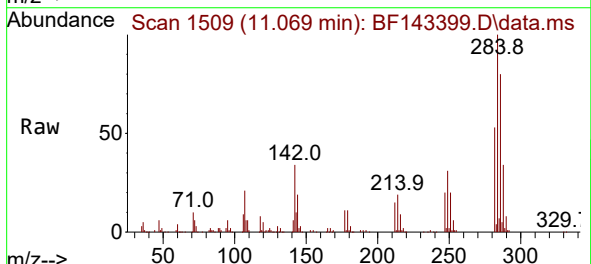
Manual Integrations
APPROVED

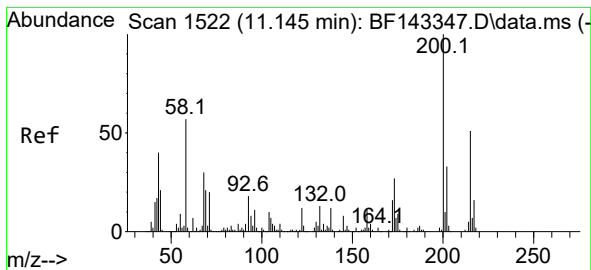
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#68
Hexachlorobenzene
Concen: 37.421 ng
RT: 11.069 min Scan# 1509
Delta R.T. 0.000 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

Tgt Ion:284 Resp: 206818
Ion Ratio Lower Upper
284 100
142 33.5 25.7 38.5
249 31.4 24.6 37.0





#69

Atrazine

Concen: 42.535 ng

RT: 11.151 min Scan# 1523

Delta R.T. 0.006 min

Lab File: BF143399.D

Acq: 15 Aug 2025 03:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

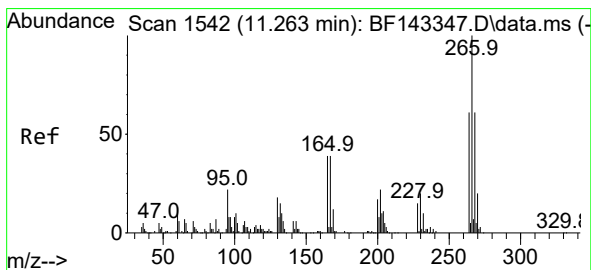
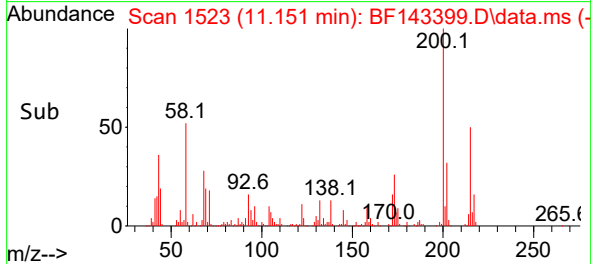
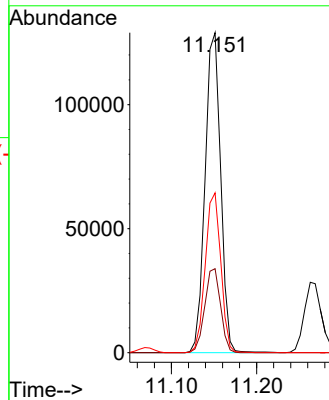
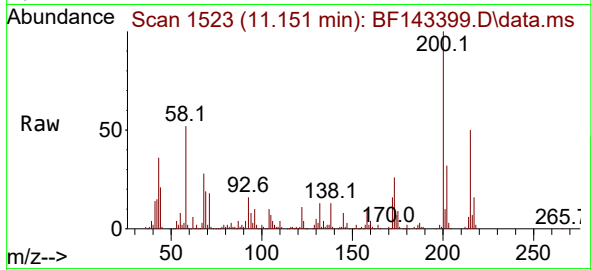
Tgt Ion:200	Resp: 16377
Ion Ratio	Lower Upper
200 100	
173 26.3	6.6 46.6
215 49.9	30.6 70.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#70

Pentachlorophenol

Concen: 94.322 ng

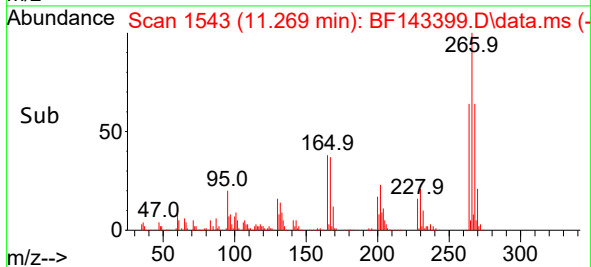
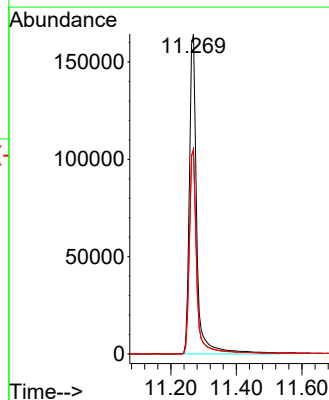
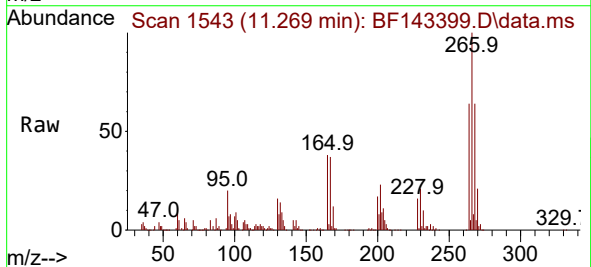
RT: 11.269 min Scan# 1543

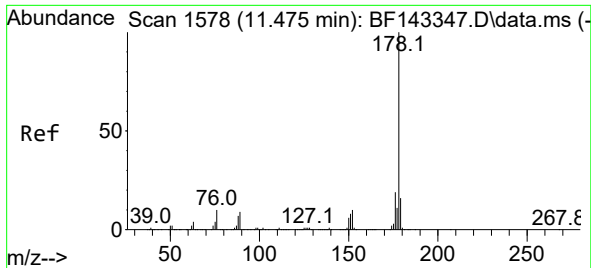
Delta R.T. 0.006 min

Lab File: BF143399.D

Acq: 15 Aug 2025 03:54

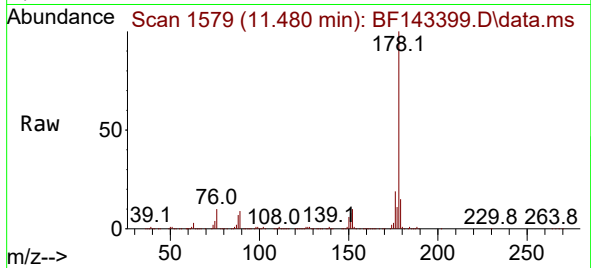
Tgt Ion:266	Resp: 258266
Ion Ratio	Lower Upper
266 100	
268 64.1	48.8 73.2
264 63.6	48.8 73.2





#71
Phenanthrene
Concen: 35.740 ng
RT: 11.480 min Scan# 1578
Delta R.T. 0.006 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

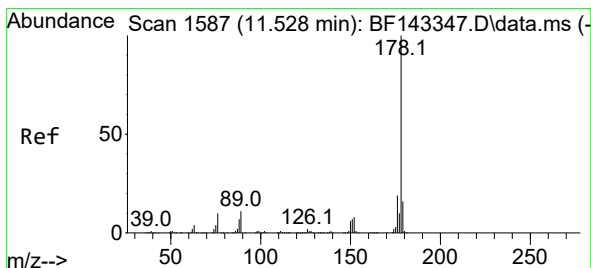
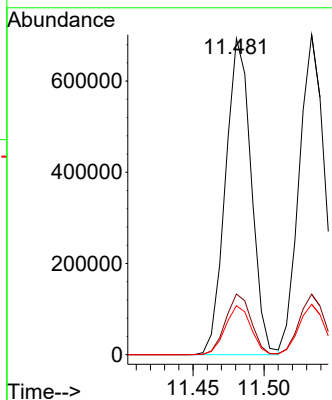
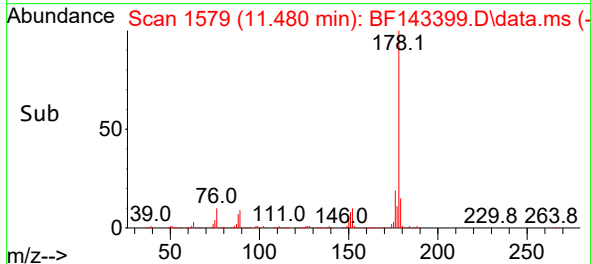
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



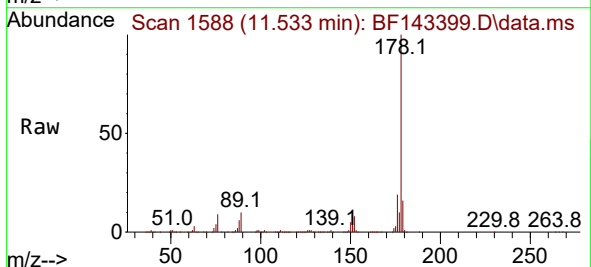
Tgt Ion:178 Resp: 874214
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 15.5 12.5 18.7

Manual Integrations
APPROVED

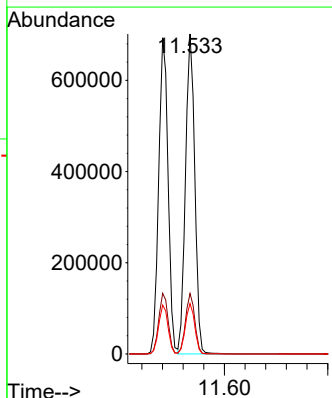
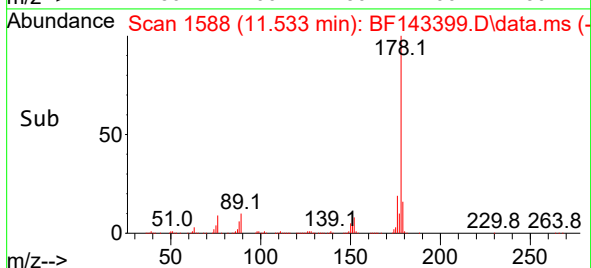
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

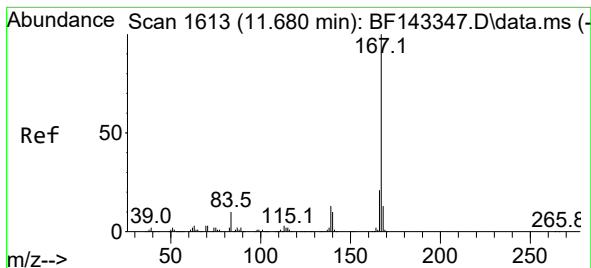


#72
Anthracene
Concen: 35.318 ng
RT: 11.533 min Scan# 1588
Delta R.T. 0.006 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54



Tgt Ion:178 Resp: 876126
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 15.7 12.7 19.1





#73

Carbazole

Concen: 35.043 ng

RT: 11.686 min Scan# 1613

Delta R.T. 0.006 min

Lab File: BF143399.D

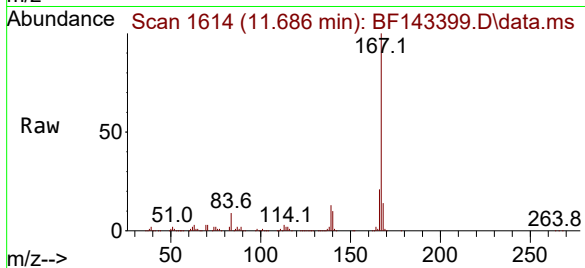
Acq: 15 Aug 2025 03:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:167 Resp: 74034

Ion Ratio Lower Upper

167 100

166 21.5 16.8 25.2

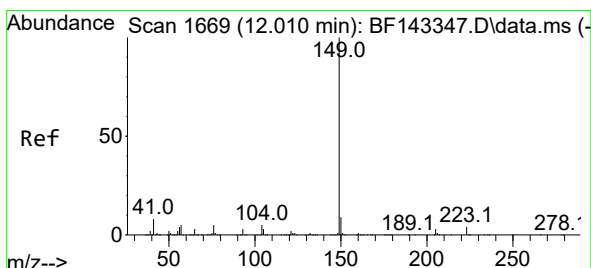
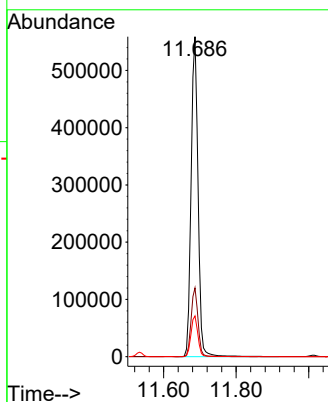
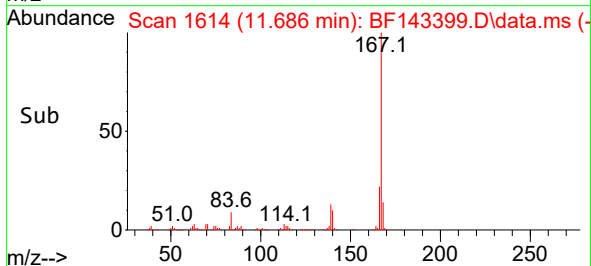
139 12.8 10.2 15.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#74

Di-n-butylphthalate

Concen: 45.343 ng

RT: 12.010 min Scan# 1669

Delta R.T. -0.000 min

Lab File: BF143399.D

Acq: 15 Aug 2025 03:54

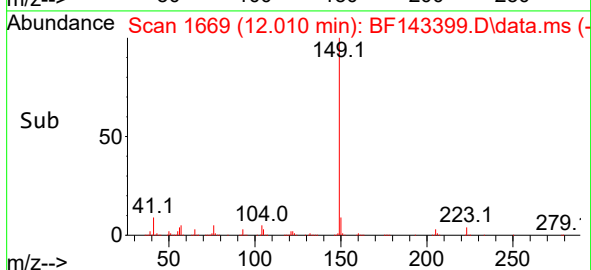
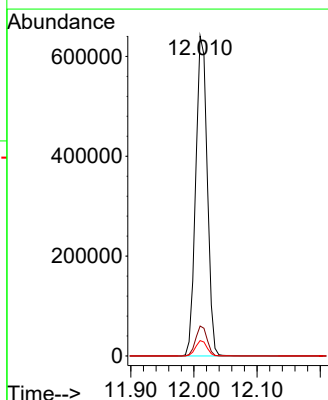
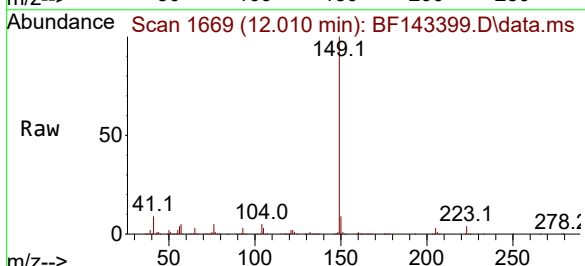
Tgt Ion:149 Resp: 810616

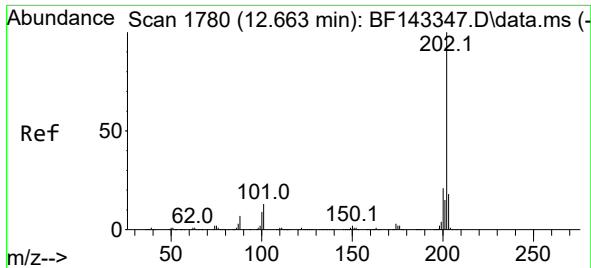
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.0

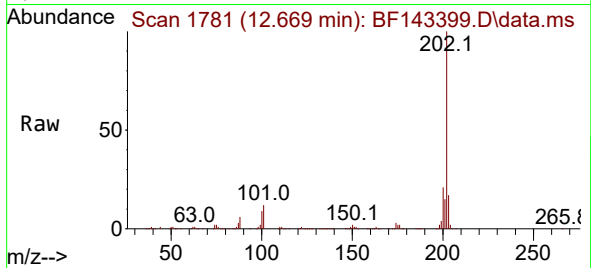
104 4.8 3.8 5.8





#75
Fluoranthene
Concen: 36.199 ng
RT: 12.669 min Scan# 1780
Delta R.T. 0.006 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

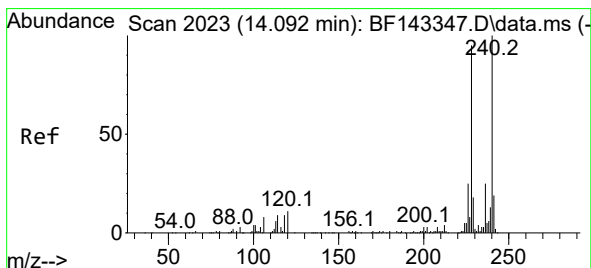
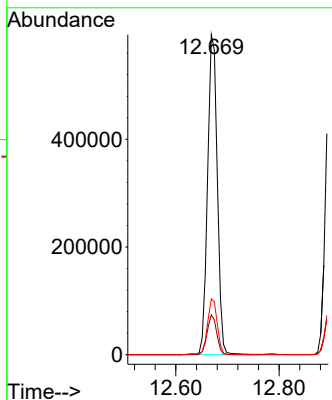
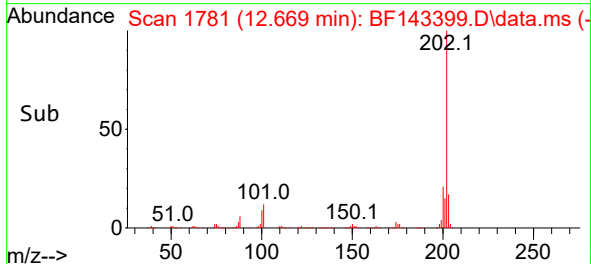
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



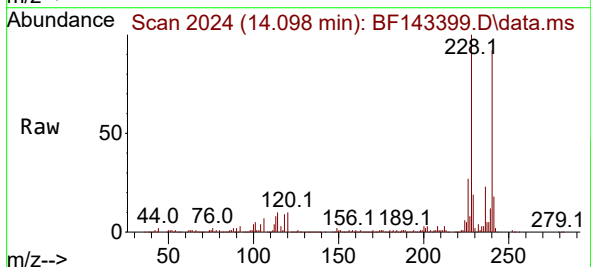
Tgt Ion:202 Resp: 775610
Ion Ratio Lower Upper
202 100
101 12.5 0.0 33.2
203 17.4 0.0 37.6

Manual Integrations
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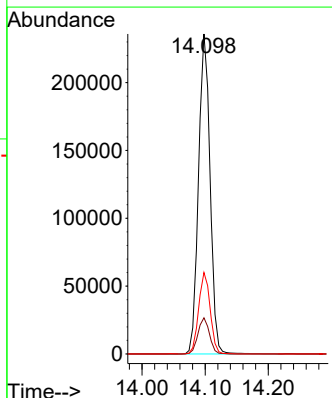
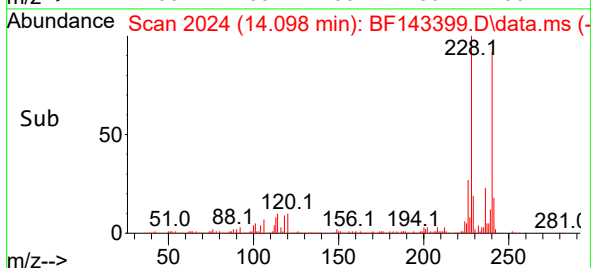
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

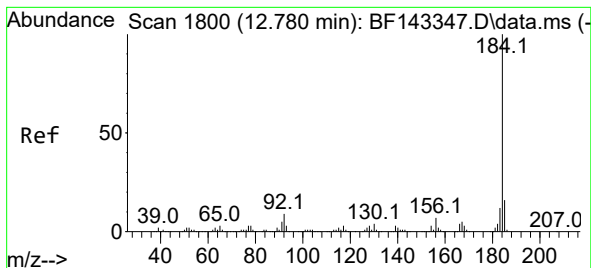


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2024
Delta R.T. 0.006 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54



Tgt Ion:240 Resp: 298922
Ion Ratio Lower Upper
240 100
120 11.3 9.0 13.6
236 25.4 19.9 29.9





#77

Benzidine

Concen: 39.424 ng

RT: 12.786 min Scan# 1801

Delta R.T. 0.006 min

Lab File: BF143399.D

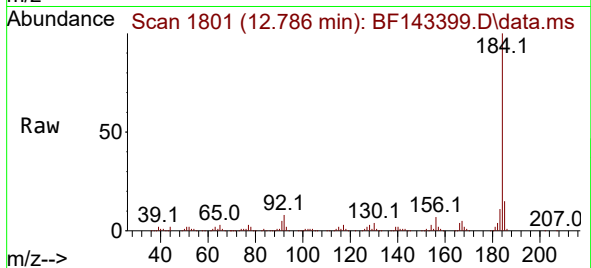
Acq: 15 Aug 2025 03:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:184 Resp: 32218

Ion Ratio Lower Upper

184 100

185 15.0 12.8 19.2

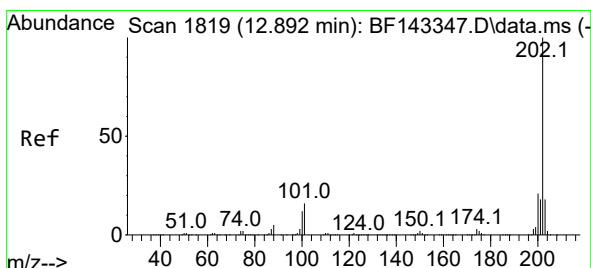
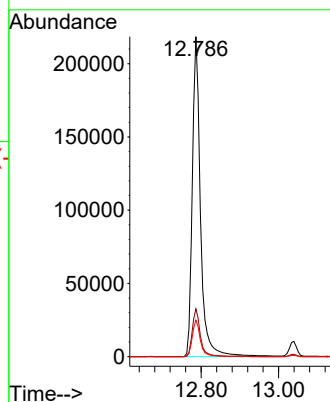
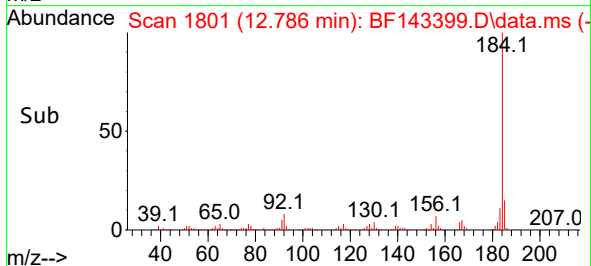
183 11.4 9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#78

Pyrene

Concen: 31.829 ng

RT: 12.898 min Scan# 1820

Delta R.T. 0.006 min

Lab File: BF143399.D

Acq: 15 Aug 2025 03:54

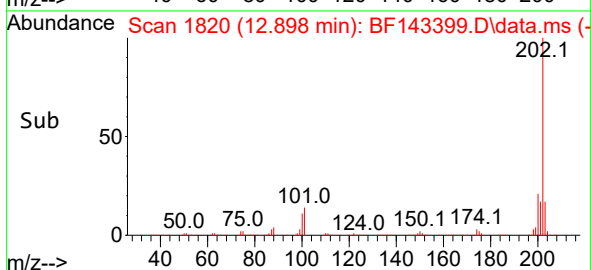
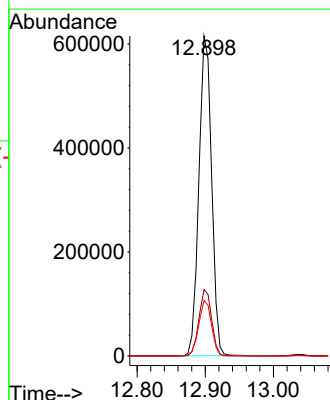
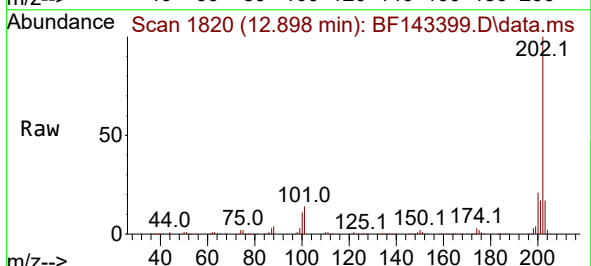
Tgt Ion:202 Resp: 798173

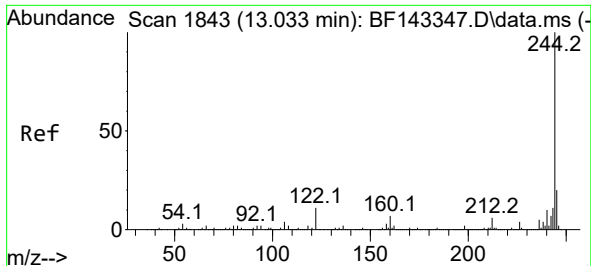
Ion Ratio Lower Upper

202 100

200 20.8 16.8 25.2

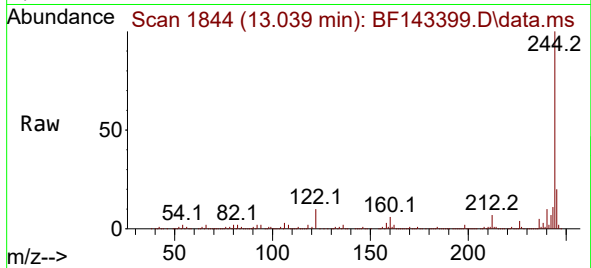
203 17.3 14.2 21.4





#79
 Terphenyl-d14
 Concen: 65.955 ng
 RT: 13.039 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF143399.D
 Acq: 15 Aug 2025 03:54

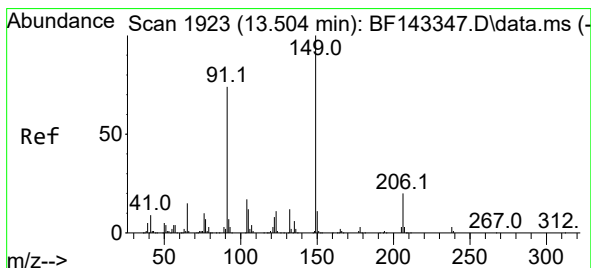
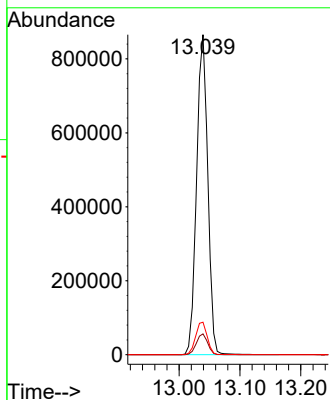
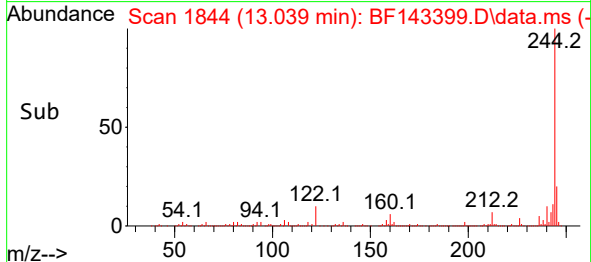
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



Tgt Ion:244 Resp: 110429
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 10.1 8.9 13.3

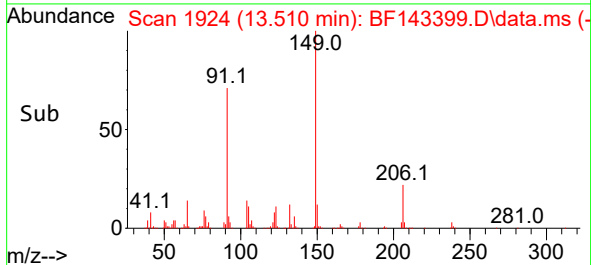
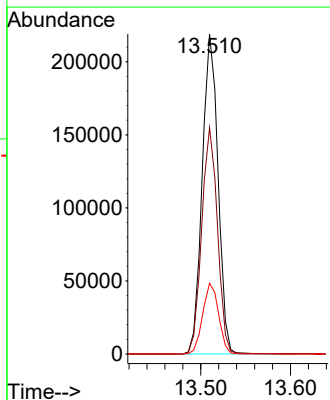
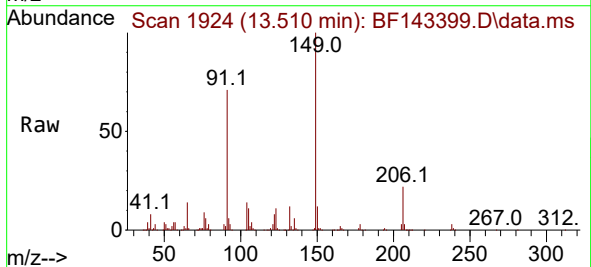
Manual Integrations
 APPROVED

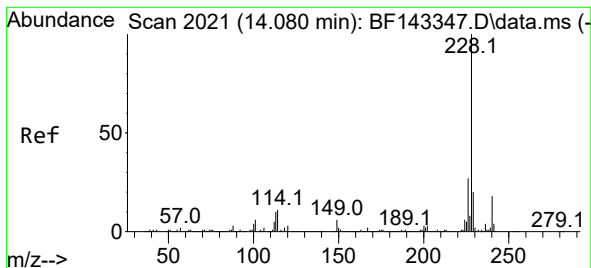
Reviewed By :Rahul Chavli 08/15/2025
 Supervised By :Jagrut Upadhyay 08/15/2025



#80
 Butylbenzylphthalate
 Concen: 53.579 ng
 RT: 13.510 min Scan# 1924
 Delta R.T. 0.006 min
 Lab File: BF143399.D
 Acq: 15 Aug 2025 03:54

Tgt Ion:149 Resp: 267587
 Ion Ratio Lower Upper
 149 100
 91 70.7 58.8 88.2
 206 22.1 16.4 24.6





#81

Benzo(a)anthracene

Concen: 35.382 ng

RT: 14.086 min Scan# 2021

Delta R.T. 0.006 min

Lab File: BF143399.D

Acq: 15 Aug 2025 03:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 672240

Ion Ratio Lower Upper

228 100

226 27.5 22.0 33.0

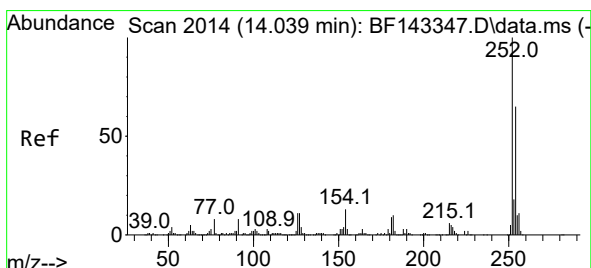
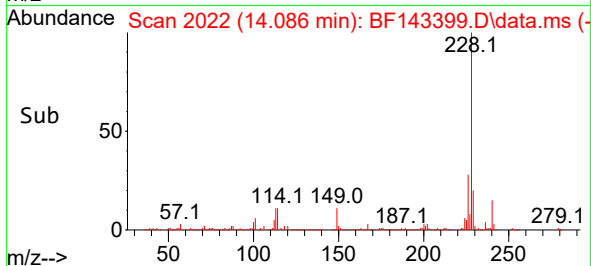
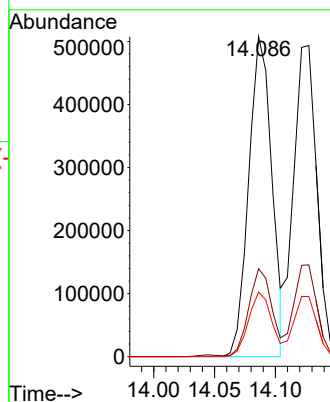
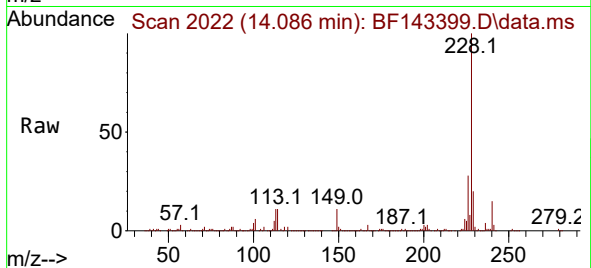
229 20.2 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#82

3,3'-Dichlorobenzidine

Concen: 44.142 ng

RT: 14.045 min Scan# 2015

Delta R.T. 0.006 min

Lab File: BF143399.D

Acq: 15 Aug 2025 03:54

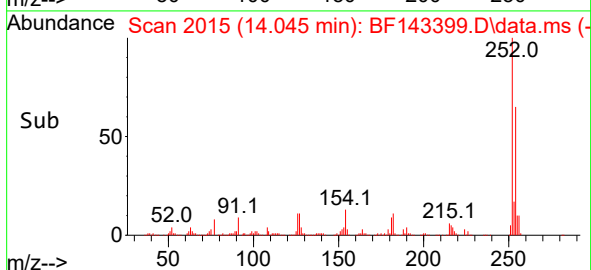
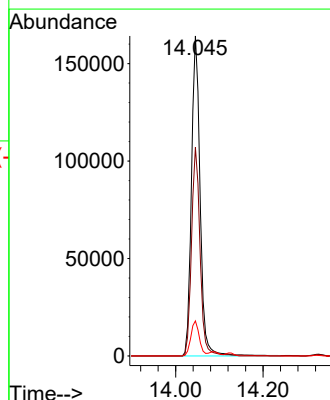
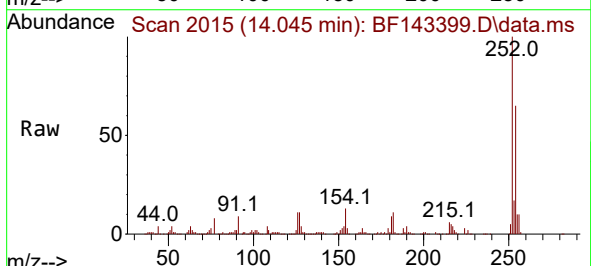
Tgt Ion:252 Resp: 226457

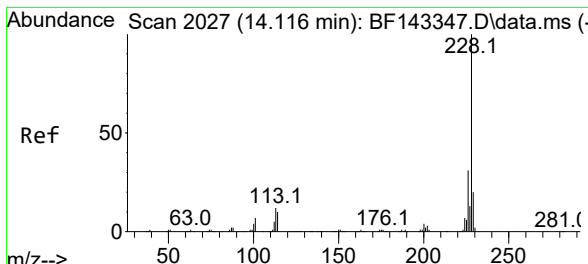
Ion Ratio Lower Upper

252 100

254 65.2 51.7 77.5

126 11.0 9.2 13.8





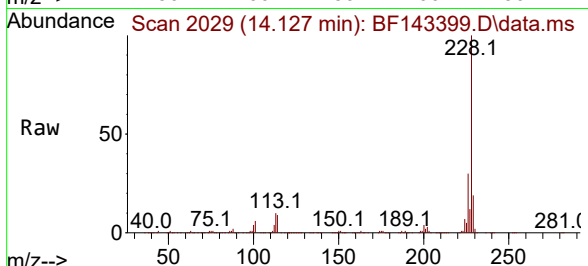
#83
 Chrysene
 Concen: 37.405 ng
 RT: 14.127 min Scan# 2027
 Delta R.T. 0.012 min
 Lab File: BF143399.D
 Acq: 15 Aug 2025 03:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



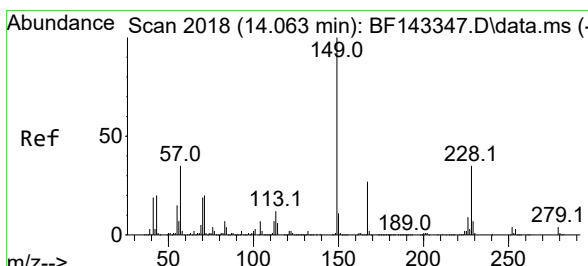
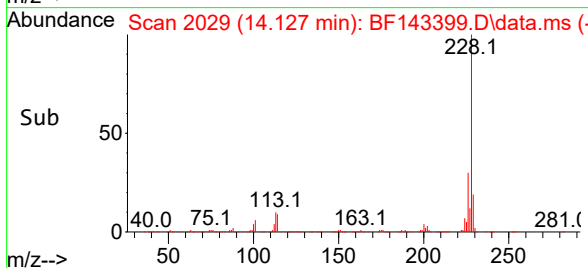
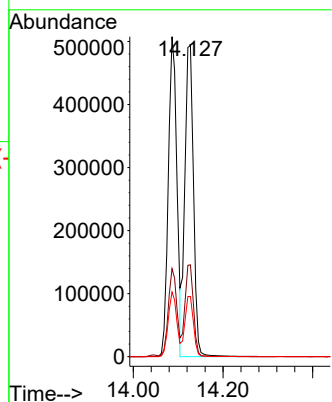
Tgt Ion:228 Resp: 662658
 Ion Ratio Lower Upper
 228 100
 226 29.5 24.2 36.2
 229 19.4 15.8 23.6

Manual Integrations

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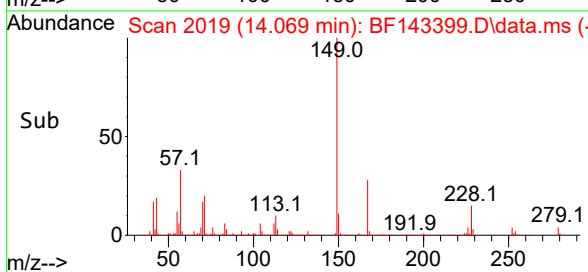
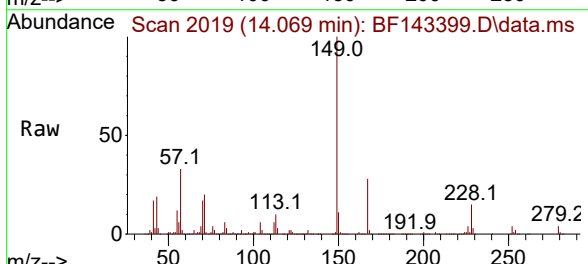
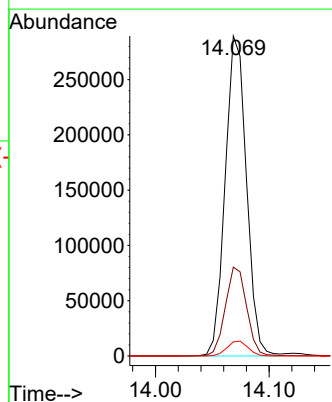
Reviewed By :Rahul Chavli 08/15/2025

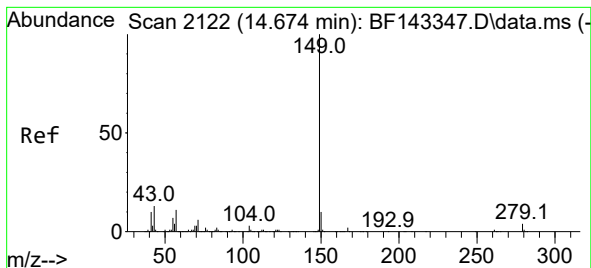
Supervised By :Jagrut Upadhyay 08/15/2025



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 51.348 ng
 RT: 14.069 min Scan# 2019
 Delta R.T. 0.006 min
 Lab File: BF143399.D
 Acq: 15 Aug 2025 03:54

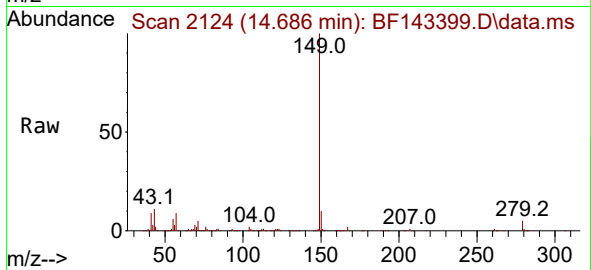
Tgt Ion:149 Resp: 376483
 Ion Ratio Lower Upper
 149 100
 167 27.7 21.4 32.0
 279 4.4 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 47.658 ng
RT: 14.686 min Scan# 2124
Delta R.T. 0.012 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

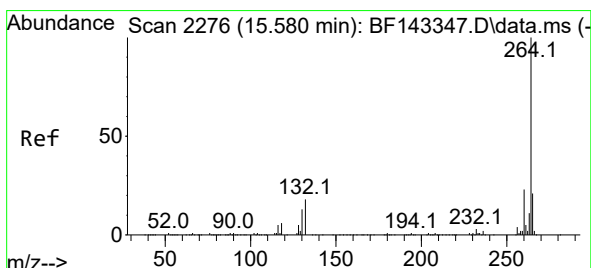
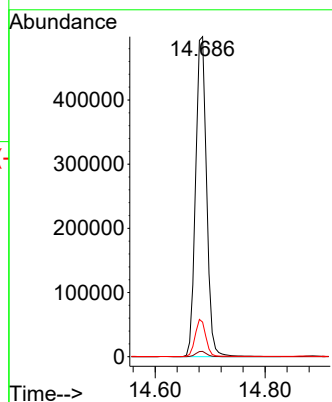
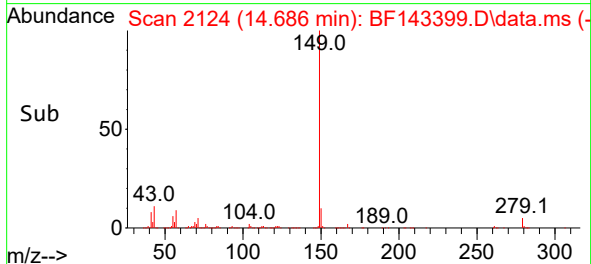
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



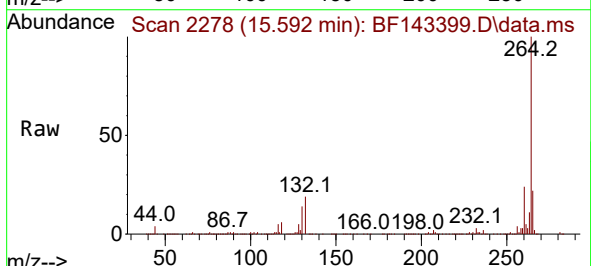
Tgt Ion:149 Resp: 690910
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.4 10.8 16.2

Manual Integrations
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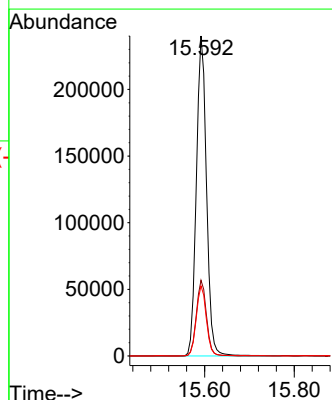
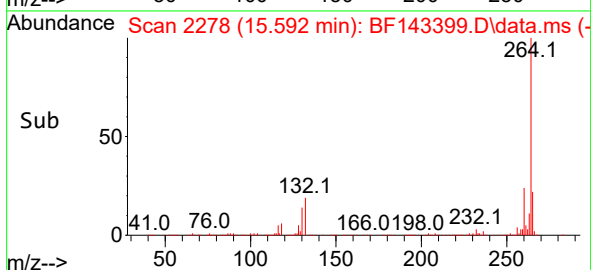
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

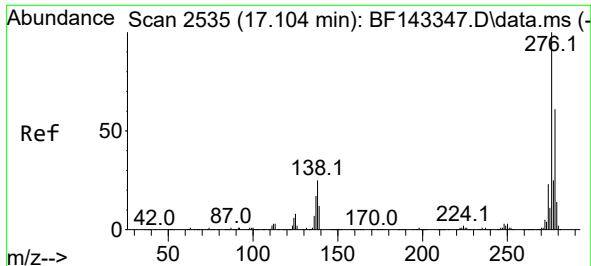


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.592 min Scan# 2278
Delta R.T. 0.012 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54



Tgt Ion:264 Resp: 377299
Ion Ratio Lower Upper
264 100
260 23.6 18.7 28.1
265 21.9 17.2 25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 36.148 ng
RT: 17.121 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

Instrument :

BNA_F

ClientSampleId :

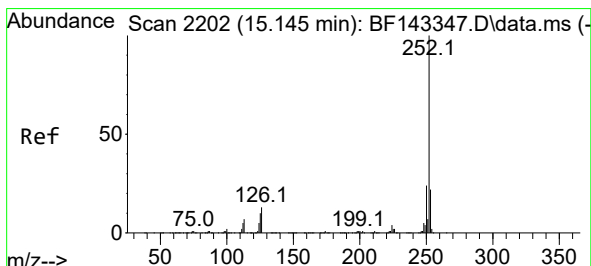
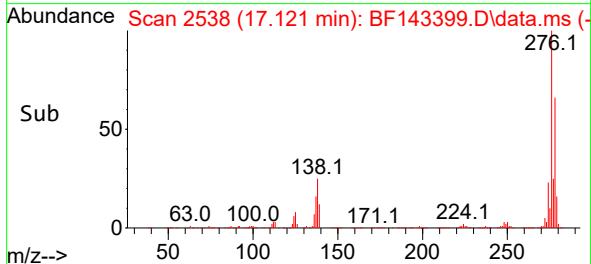
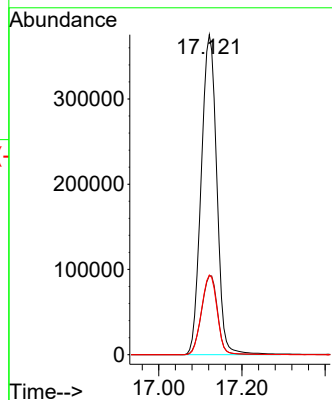
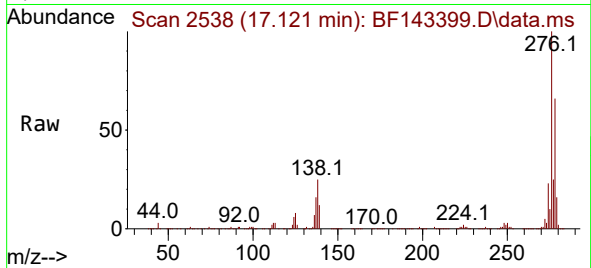
SSTDCCC040

Tgt Ion:276 Resp: 97710
Ion Ratio Lower Upper
276 100
138 25.4 21.1 31.7
277 25.0 20.2 30.2

Manual Integrations

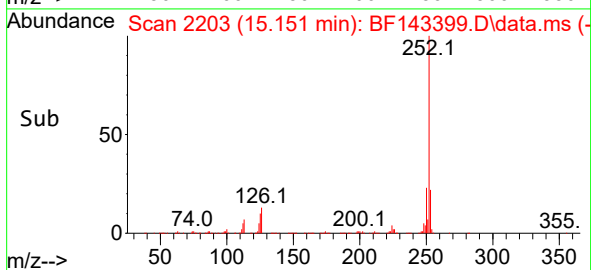
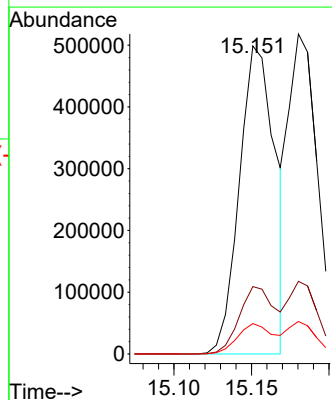
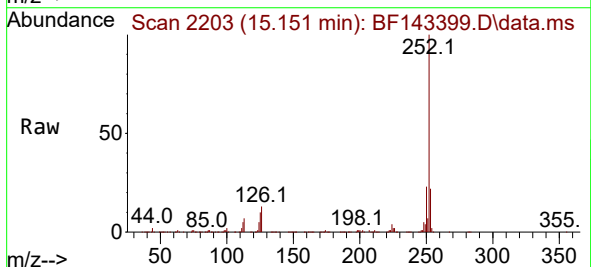
APPROVED

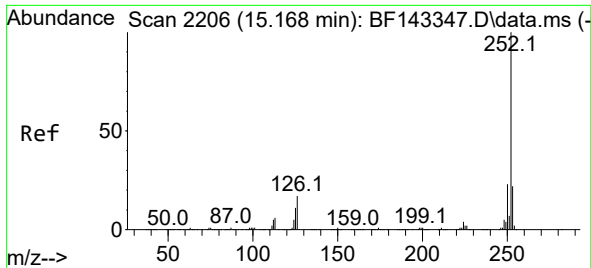
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#88
Benzo(b)fluoranthene
Concen: 38.730 ng
RT: 15.151 min Scan# 2203
Delta R.T. 0.006 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

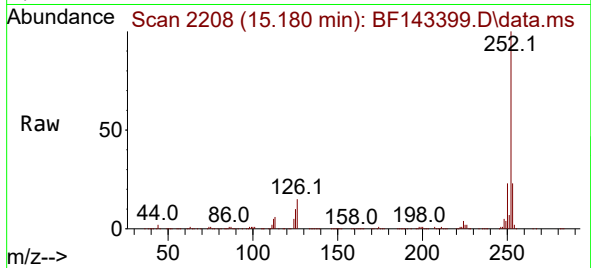
Tgt Ion:252 Resp: 799255
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 9.9 7.8 11.6





#89
Benzo(k)fluoranthene
Concen: 34.263 ng
RT: 15.180 min Scan# 2208
Delta R.T. 0.012 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

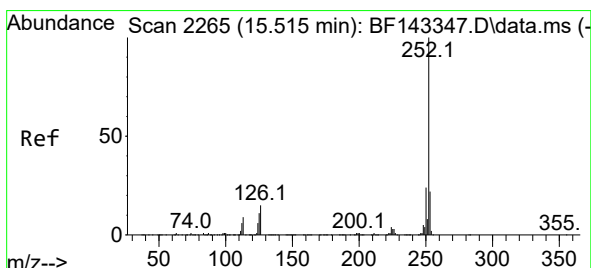
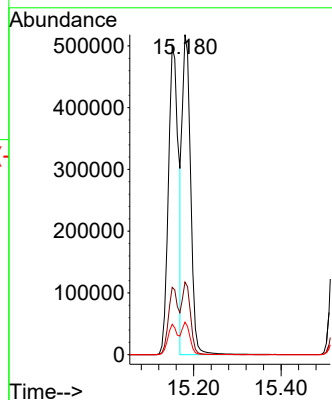
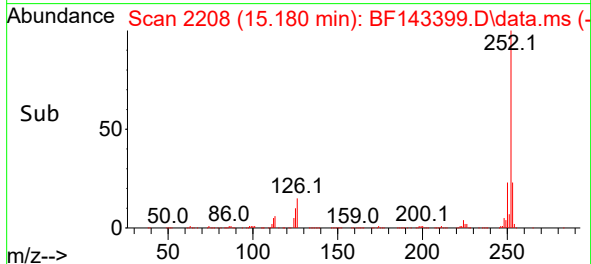
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:252 Resp: 68705
Ion Ratio Lower Upper
252 100
253 22.7 17.6 26.4
125 10.1 8.4 12.6

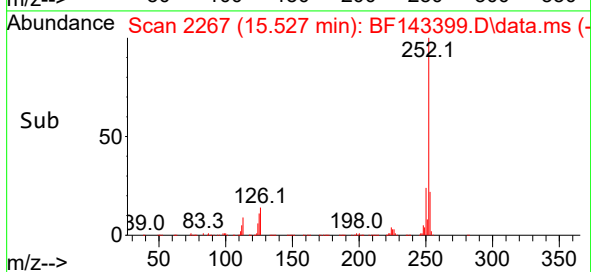
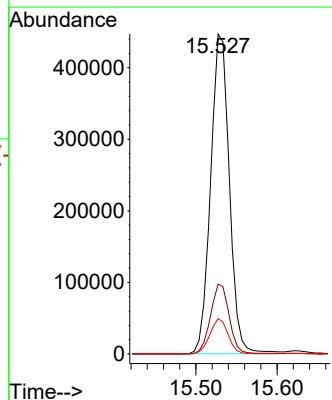
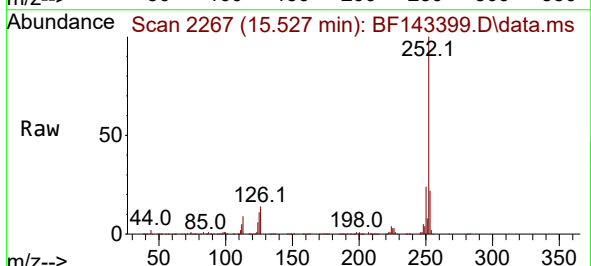
Manual Integrations
APPROVED

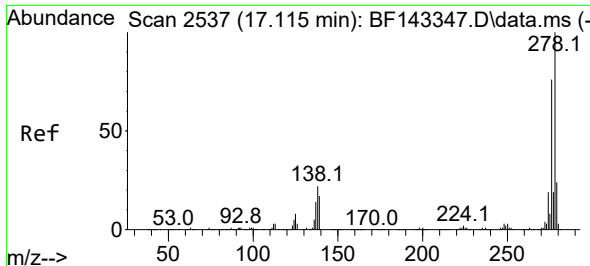
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#90
Benzo(a)pyrene
Concen: 36.858 ng
RT: 15.527 min Scan# 2267
Delta R.T. 0.012 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

Tgt Ion:252 Resp: 716381
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 11.0 9.1 13.7





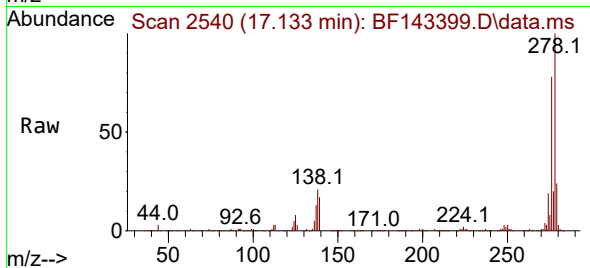
#91
Dibenzo(a,h)anthracene
Concen: 35.627 ng
RT: 17.133 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



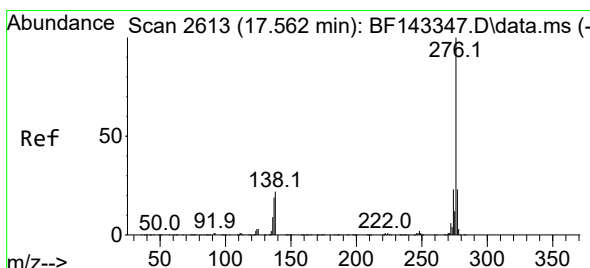
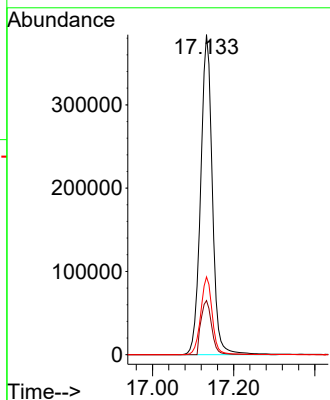
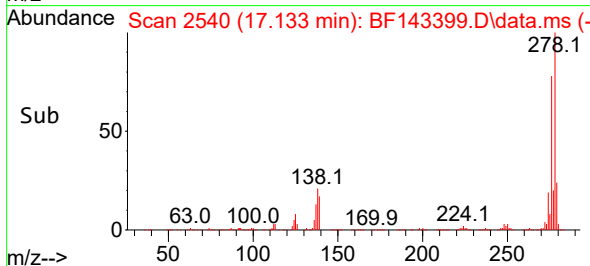
Tgt Ion:278 Resp: 76935
Ion Ratio Lower Upper
278 100
139 16.9 14.0 21.0
279 24.3 19.4 29.0

Manual Integrations

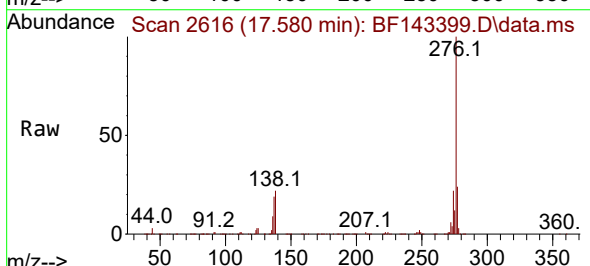
APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#92
Benzo(g,h,i)perylene
Concen: 35.184 ng
RT: 17.580 min Scan# 2616
Delta R.T. 0.018 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54



Tgt Ion:276 Resp: 765398
Ion Ratio Lower Upper
276 100
277 23.8 18.7 28.1
138 22.5 17.8 26.8

