

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081425\
 Data File : BF143414.D
 Acq On : 15 Aug 2025 12:45
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

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

Quant Time: Aug 15 13:01:57 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	132531	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	517048	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	290133	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	440724	20.000	ng	0.00
76) Chrysene-d12	14.098	240	263251	20.000	ng	0.00
86) Perylene-d12	15.592	264	287708	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	501865	65.483	ng	0.00
7) Phenol-d6	6.563	99	632566	64.363	ng	0.00
23) Nitrobenzene-d5	7.492	82	586323	70.617	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	171695	80.975	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	1116757	65.272	ng	0.00
79) Terphenyl-d14	13.039	244	970470	65.816	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.722	88	116348	29.338	ng	97
3) Pyridine	3.504	79	314400	29.750	ng	98
4) n-Nitrosodimethylamine	3.440	42	143636	29.178	ng	95
6) Aniline	6.592	93	435030	31.397	ng	96
8) 2-Chlorophenol	6.722	128	279422	34.120	ng	97
9) Benzaldehyde	6.481	77	188756	29.058	ng	97
10) Phenol	6.581	94	377915	32.459	ng	92
11) bis(2-Chloroethyl)ether	6.663	93	276577	32.232	ng	99
12) 1,3-Dichlorobenzene	6.875	146	310626	32.885	ng	99
13) 1,4-Dichlorobenzene	6.951	146	313512	33.070	ng	99
14) 1,2-Dichlorobenzene	7.104	146	297152	33.020	ng	99
15) Benzyl Alcohol	7.069	79	242210	34.380	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.204	45	475921	31.066	ng	99
17) 2-Methylphenol	7.187	107	229936	33.263	ng	98
18) Hexachloroethane	7.445	117	107231	36.078	ng	99
19) n-Nitroso-di-n-propyla...	7.339	70	198094	32.620	ng	99
20) 3+4-Methylphenols	7.334	107	283796	33.947	ng	99
22) Acetophenone	7.339	105	365619	32.094	ng	97
24) Nitrobenzene	7.510	77	306868	34.031	ng	99
25) Isophorone	7.751	82	558781	32.967	ng	99
26) 2-Nitrophenol	7.828	139	150133	42.036	ng	99
27) 2,4-Dimethylphenol	7.863	122	246303m	34.831	ng	
28) bis(2-Chloroethoxy)met...	7.957	93	342133	33.061	ng	99
29) 2,4-Dichlorophenol	8.075	162	243882	35.311	ng	99
30) 1,2,4-Trichlorobenzene	8.157	180	246099	33.779	ng	100
31) Naphthalene	8.239	128	810500	32.577	ng	100
32) Benzoic acid	7.969	122	107890	38.012	ng	99
33) 4-Chloroaniline	8.281	127	299367	33.361	ng	100
34) Hexachlorobutadiene	8.357	225	157186	34.683	ng	99
35) Caprolactam	8.639	113	74885	38.568	ng	99
36) 4-Chloro-3-methylphenol	8.763	107	251420	34.724	ng	100
37) 2-Methylnaphthalene	8.928	142	554956	33.929	ng	100
38) 1-Methylnaphthalene	9.028	142	529993	33.644	ng	99
40) 1,2,4,5-Tetrachloroben...	9.098	216	264167	33.273	ng	100
41) Hexachlorocyclopentadiene	9.086	237	82626	33.685	ng	100
43) 2,4,6-Trichlorophenol	9.204	196	166424	36.945	ng	100

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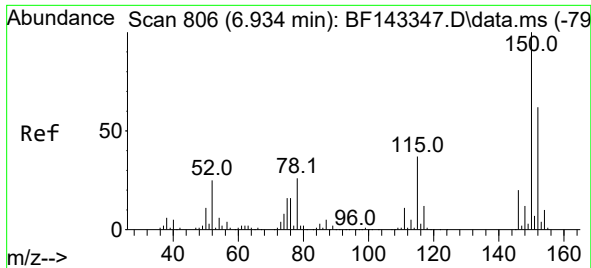
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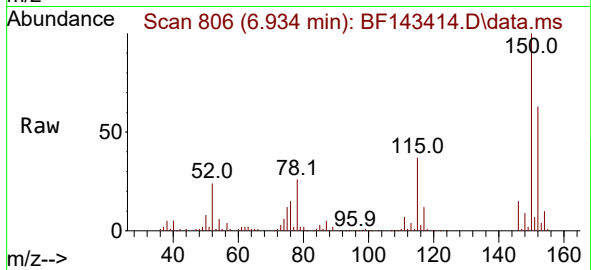
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.251	196	180539	35.491	ng	98
46) 1,1'-Biphenyl	9.392	154	668180	32.572	ng	99
47) 2-Chloronaphthalene	9.416	162	525241	32.510	ng	99
48) 2-Nitroaniline	9.510	65	164879	36.111	ng	97
49) Acenaphthylene	9.833	152	760268	32.585	ng	99
50) Dimethylphthalate	9.680	163	614540	36.250	ng	100
51) 2,6-Dinitrotoluene	9.745	165	128875	40.656	ng	92
52) Acenaphthene	10.004	154	493236	31.799	ng	99
53) 3-Nitroaniline	9.916	138	139833	40.277	ng	97
54) 2,4-Dinitrophenol	10.028	184	24625	29.103	ng	90
55) Dibenzofuran	10.175	168	737792	33.049	ng	100
56) 4-Nitrophenol	10.080	139	75898	30.958	ng	98
57) 2,4-Dinitrotoluene	10.151	165	171422	40.754	ng	89
58) Fluorene	10.522	166	551057	32.317	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.298	232	132484	38.636	ng	97
60) Diethylphthalate	10.386	149	586261	38.608	ng	99
61) 4-Chlorophenyl-phenyle...	10.510	204	284659	34.550	ng	100
62) 4-Nitroaniline	10.527	138	127282	37.893	ng	99
63) Azobenzene	10.669	77	563404	32.483	ng	98
65) 4,6-Dinitro-2-methylph...	10.563	198	56010	33.921	ng	90
66) n-Nitrosodiphenylamine	10.622	169	483005	33.283	ng	99
67) 4-Bromophenyl-phenylether	10.998	248	177054	35.127	ng	97
68) Hexachlorobenzene	11.075	284	182234	33.541	ng	97
69) Atrazine	11.151	200	162627	42.966	ng	98
70) Pentachlorophenol	11.269	266	73538	31.527	ng	97
71) Phenanthrene	11.480	178	770997	32.064	ng	100
72) Anthracene	11.533	178	784923	32.187	ng	98
73) Carbazole	11.686	167	654998	31.538	ng	99
74) Di-n-butylphthalate	12.010	149	837836	47.674	ng	100
75) Fluoranthene	12.669	202	663149	31.484	ng	99
77) Benzidine	12.786	184	254862	35.412	ng	98
78) Pyrene	12.898	202	659217	29.850	ng	99
80) Butylbenzylphthalate	13.510	149	238799	54.249	ng	97
81) Benzo(a)anthracene	14.086	228	536603	32.070	ng	99
82) 3,3'-Dichlorobenzidine	14.045	252	174378	38.596	ng	99
83) Chrysene	14.121	228	518068	33.206	ng	100
84) Bis(2-ethylhexyl)phtha...	14.068	149	311459	48.477	ng	97
85) Di-n-octyl phthalate	14.686	149	543645	43.223	ng	94
87) Indeno(1,2,3-cd)pyrene	17.121	276	516402	25.053	ng	99
88) Benzo(b)fluoranthene	15.151	252	568955	36.155	ng	99
89) Benzo(k)fluoranthene	15.180	252	506257	33.108	ng	99
90) Benzo(a)pyrene	15.527	252	494384	33.357	ng	99
91) Dibenzo(a,h)anthracene	17.133	278	424135	25.756	ng	98
92) Benzo(g,h,i)perylene	17.574	276	380387	22.931	ng	100

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.934 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF143414.D
Acq: 15 Aug 2025 12:45

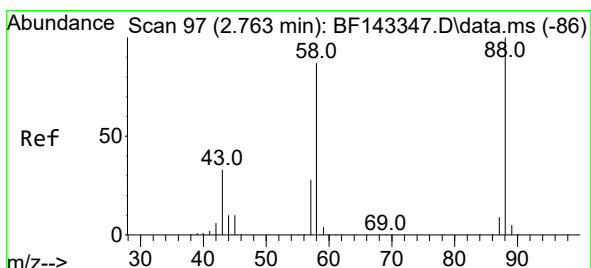
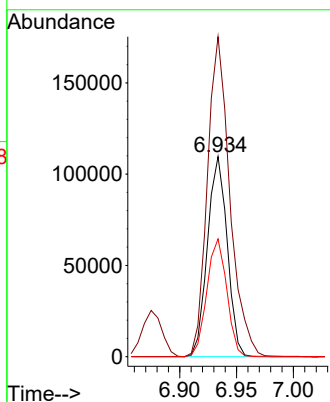
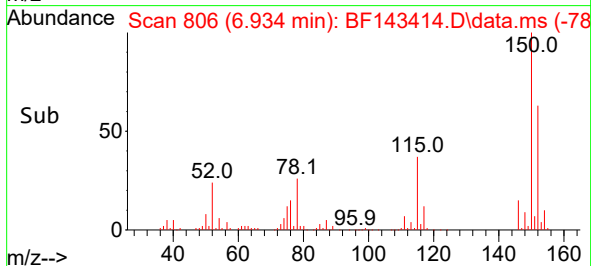
Instrument :
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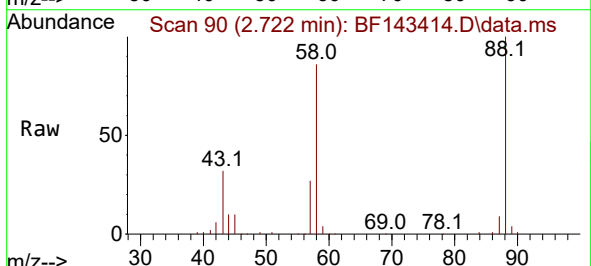
Tgt Ion: 152 Resp: 13253
Ion Ratio Lower Upper
152 100
150 159.9 129.8 194.8
115 58.8 47.8 71.8

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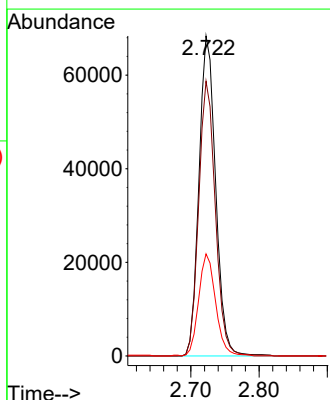
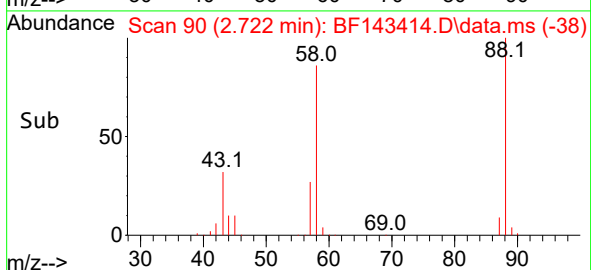
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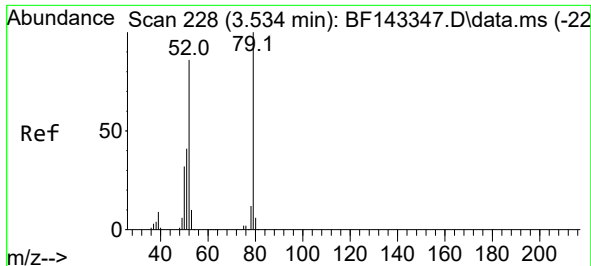


#2
1,4-Dioxane
Concen: 29.338 ng
RT: 2.722 min Scan# 90
Delta R.T. -0.041 min
Lab File: BF143414.D
Acq: 15 Aug 2025 12:45



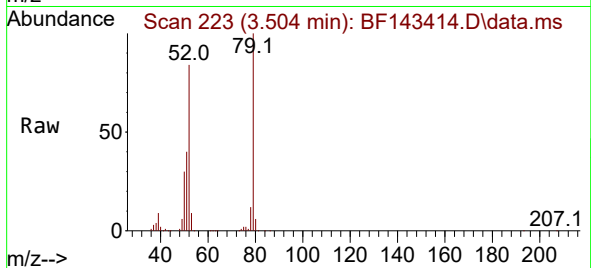
Tgt Ion: 88 Resp: 116348
Ion Ratio Lower Upper
88 100
58 85.9 71.0 106.6
43 32.6 27.0 40.6





#3
Pyridine
Concen: 29.750 ng
RT: 3.504 min Scan# 211
Delta R.T. -0.029 min
Lab File: BF143414.D
Acq: 15 Aug 2025 12:45

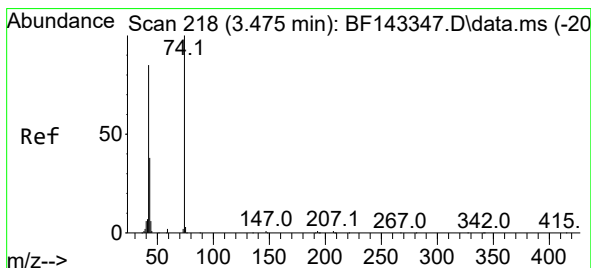
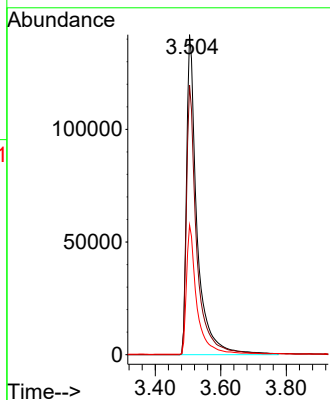
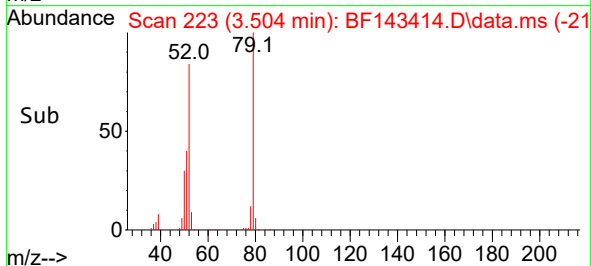
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ClientSampleId :
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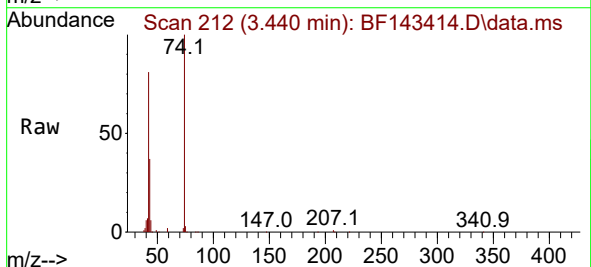
Tgt Ion: 79 Resp: 314400
Ion Ratio Lower Upper
79 100
52 84.3 68.7 103.1
51 40.5 33.4 50.0

Manual Integrations
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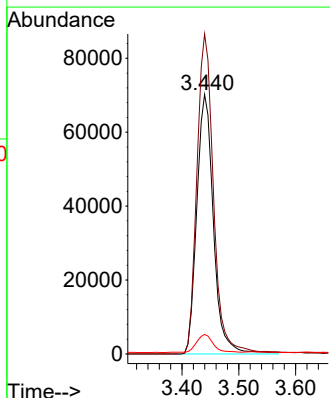
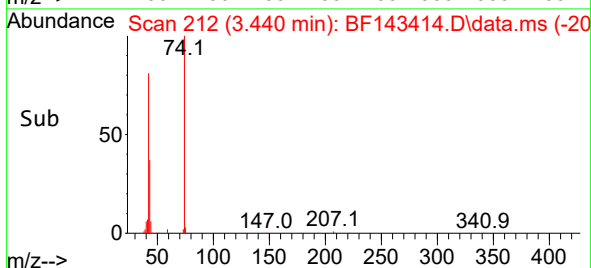
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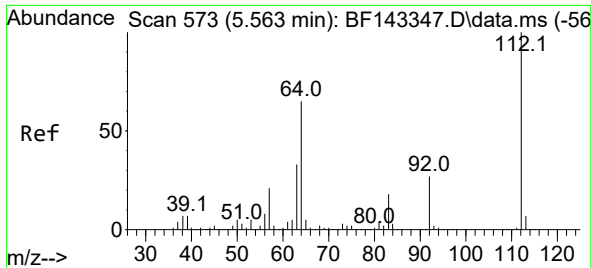


#4
n-Nitrosodimethylamine
Concen: 29.178 ng
RT: 3.440 min Scan# 212
Delta R.T. -0.035 min
Lab File: BF143414.D
Acq: 15 Aug 2025 12:45



Tgt Ion: 42 Resp: 143636
Ion Ratio Lower Upper
42 100
74 123.3 94.1 141.1
44 7.5 6.5 9.7





#5
2-Fluorophenol
Concen: 65.483 ng
RT: 5.563 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF143414.D
Acq: 15 Aug 2025 12:45

Instrument :

BNA_F

ClientSampleId :

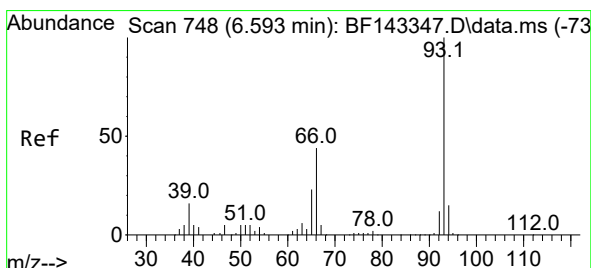
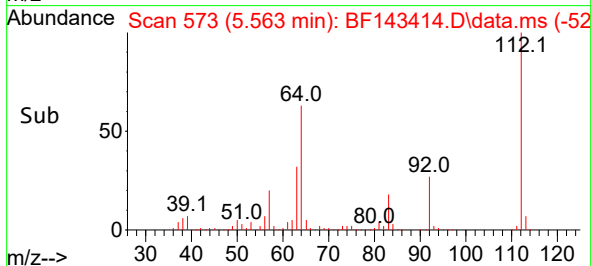
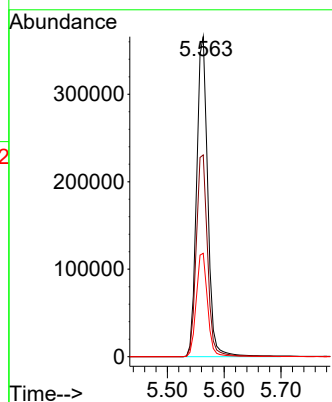
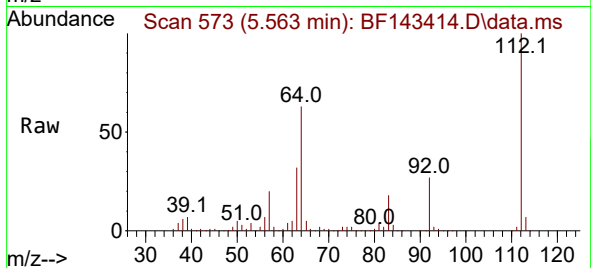
SSTDCCC040EC

Tgt Ion:112 Resp: 50186
Ion Ratio Lower Upper
112 100
64 63.1 52.1 78.1
63 32.3 26.6 39.8

Manual Integrations

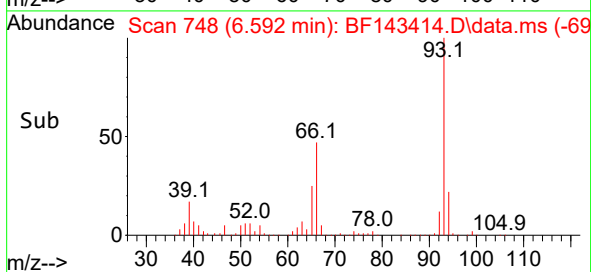
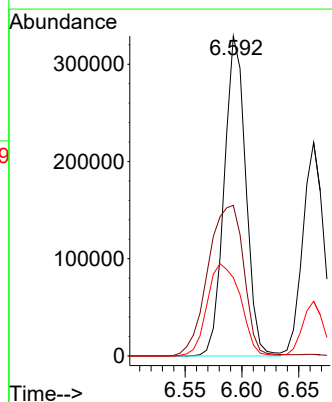
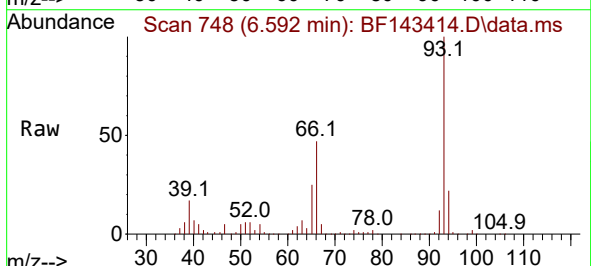
APPROVED

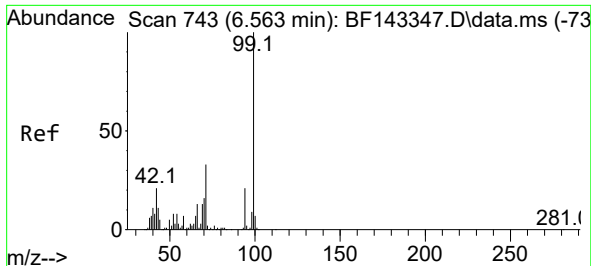
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#6
Aniline
Concen: 31.397 ng
RT: 6.592 min Scan# 748
Delta R.T. -0.000 min
Lab File: BF143414.D
Acq: 15 Aug 2025 12:45

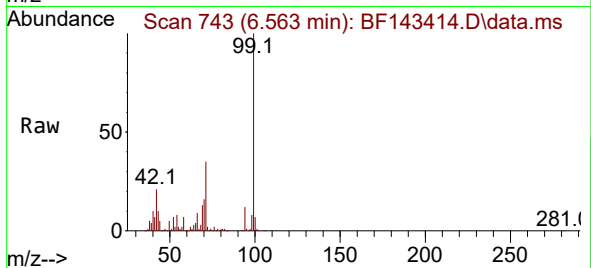
Tgt Ion: 93 Resp: 435030
Ion Ratio Lower Upper
93 100
66 47.0 35.3 52.9
65 24.5 18.2 27.4





#7
Phenol-d6
Concen: 64.363 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF143414.D
Acq: 15 Aug 2025 12:45

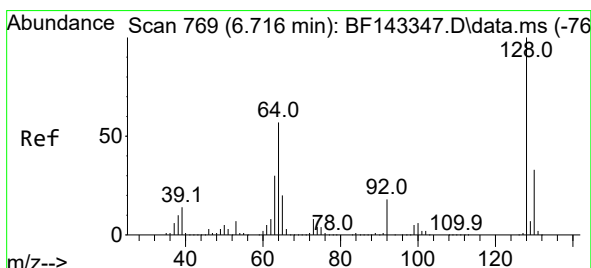
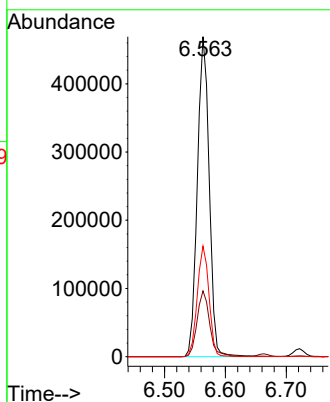
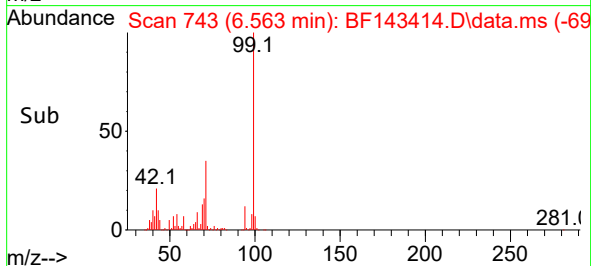
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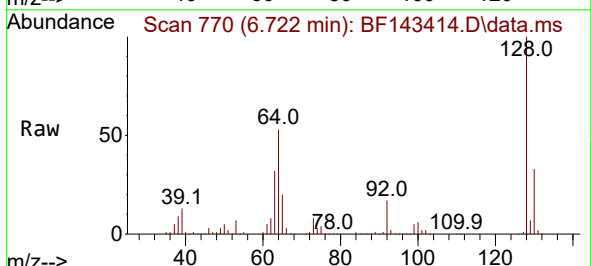
Tgt Ion: 99 Resp: 632560
Ion Ratio Lower Upper
99 100
42 20.5 16.6 25.0
71 34.5 26.2 39.2

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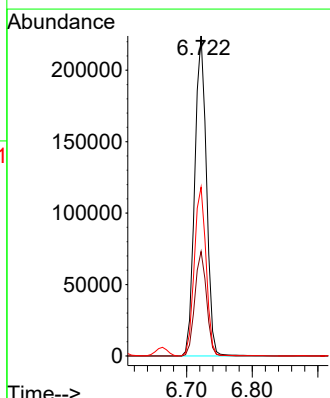
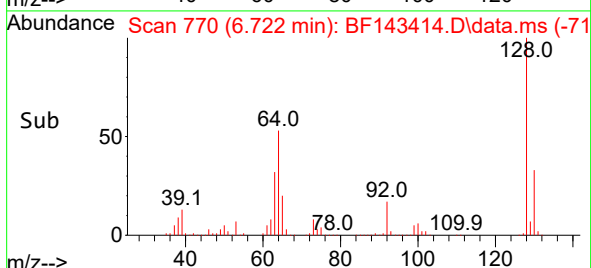
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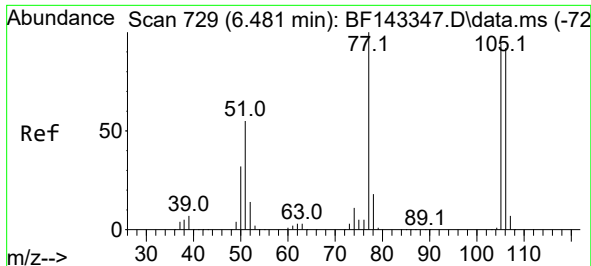


#8
2-Chlorophenol
Concen: 34.120 ng
RT: 6.722 min Scan# 770
Delta R.T. 0.006 min
Lab File: BF143414.D
Acq: 15 Aug 2025 12:45



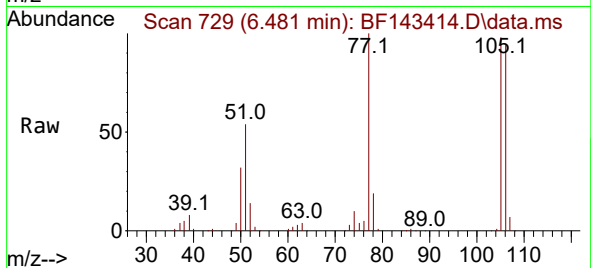
Tgt Ion:128 Resp: 279422
Ion Ratio Lower Upper
128 100
130 32.6 12.6 52.6
64 52.8 36.7 76.7





#9
Benzaldehyde
Concen: 29.058 ng
RT: 6.481 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF143414.D
Acq: 15 Aug 2025 12:45

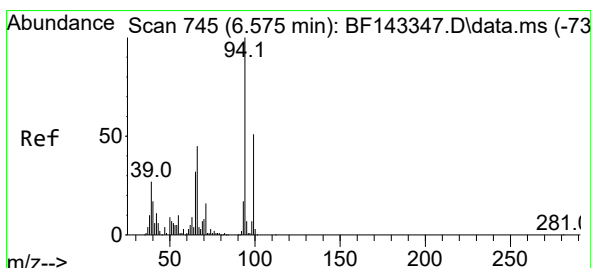
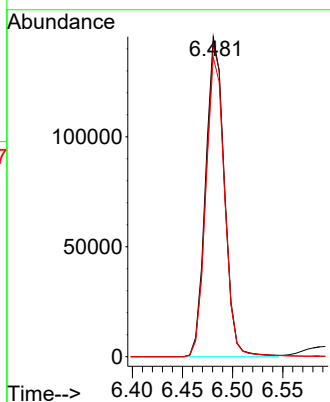
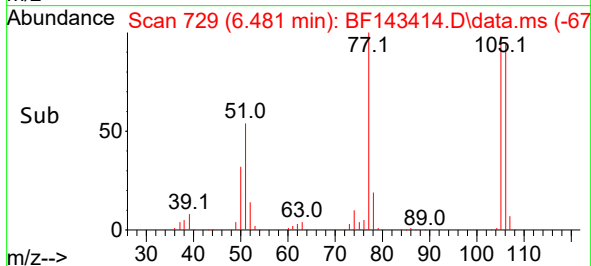
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BNA_F
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SSTDCCC040EC



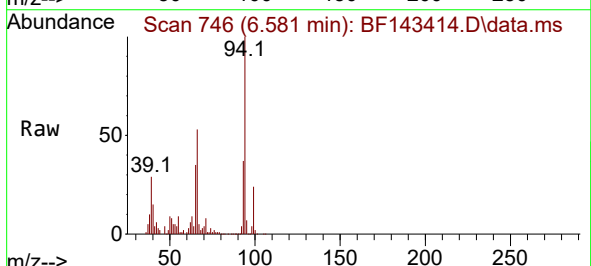
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Ion Ratio Lower Upper
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106 93.6 72.2 112.2

Manual Integrations
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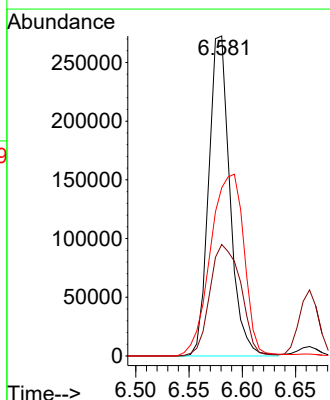
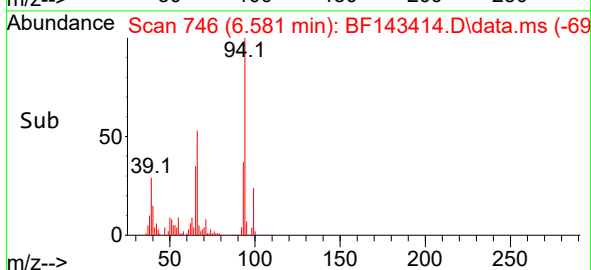
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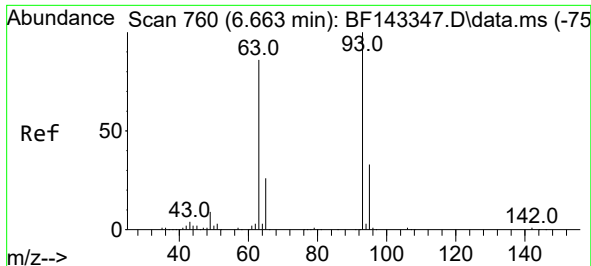


#10
Phenol
Concen: 32.459 ng
RT: 6.581 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF143414.D
Acq: 15 Aug 2025 12:45



Tgt Ion: 94 Resp: 377915
Ion Ratio Lower Upper
94 100
65 34.8 12.0 52.0
66 52.5 25.6 65.6





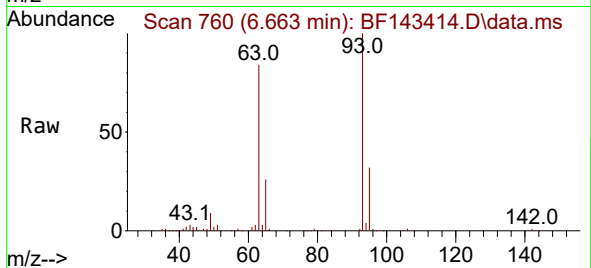
#11
bis(2-Chloroethyl)ether
Concen: 32.232 ng
RT: 6.663 min Scan# 760
Delta R.T. -0.000 min
Lab File: BF143414.D
Acq: 15 Aug 2025 12:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

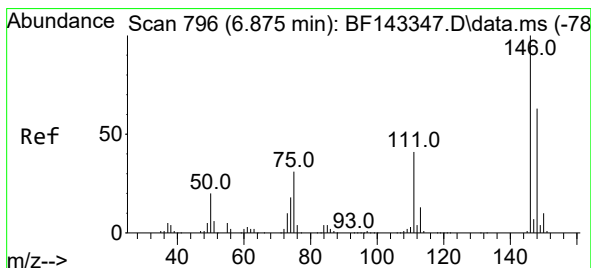
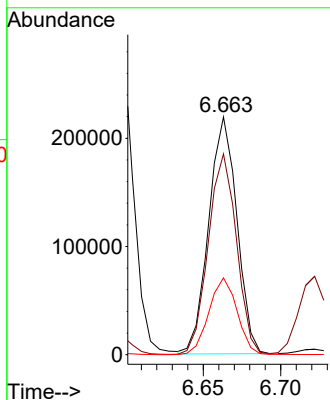
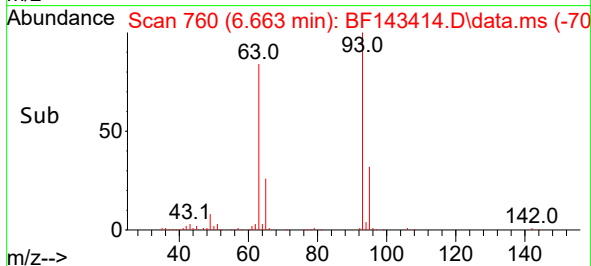


Tgt Ion: 93 Resp: 27657
Ion Ratio Lower Upper
93 100
63 84.4 65.7 105.7
95 32.3 13.0 53.0

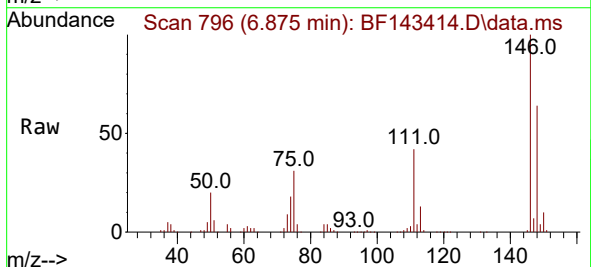
Manual Integrations

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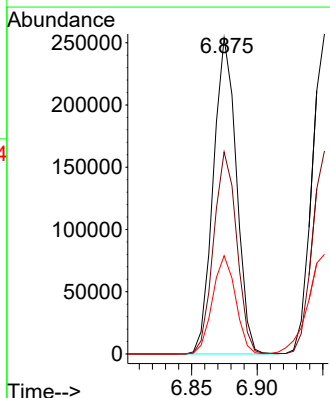
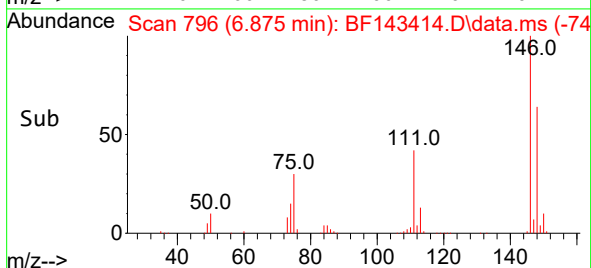
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

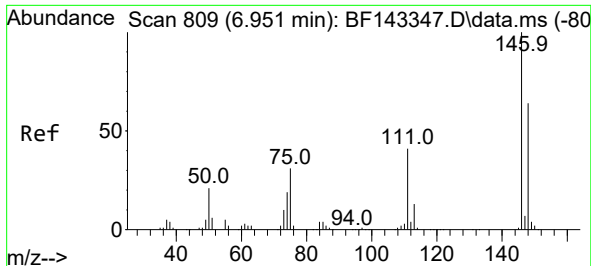


#12
1,3-Dichlorobenzene
Concen: 32.885 ng
RT: 6.875 min Scan# 796
Delta R.T. -0.000 min
Lab File: BF143414.D
Acq: 15 Aug 2025 12:45



Tgt Ion:146 Resp: 310626
Ion Ratio Lower Upper
146 100
148 63.9 50.5 75.7
75 31.1 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 33.070 ng

RT: 6.951 min Scan# 809

Delta R.T. -0.000 min

Lab File: BF143414.D

Acq: 15 Aug 2025 12:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:146 Resp: 313512

Ion Ratio Lower Upper

146 100

148 63.4 51.4 77.0

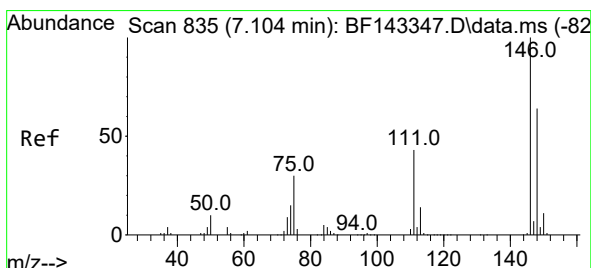
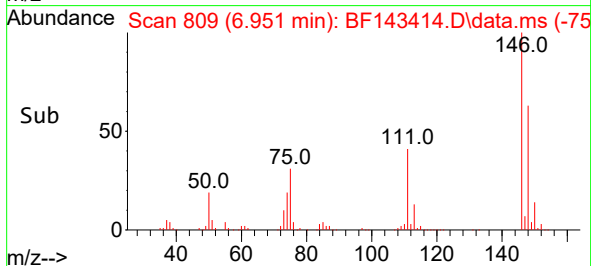
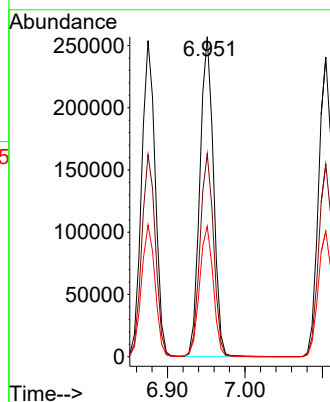
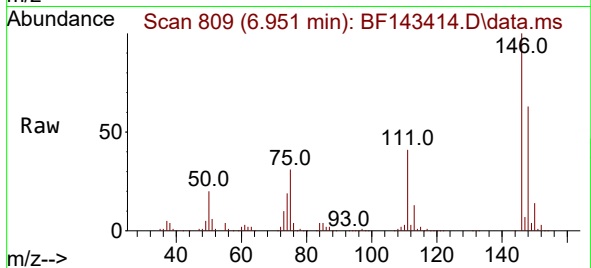
111 40.8 32.6 48.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#14

1,2-Dichlorobenzene

Concen: 33.020 ng

RT: 7.104 min Scan# 835

Delta R.T. -0.000 min

Lab File: BF143414.D

Acq: 15 Aug 2025 12:45

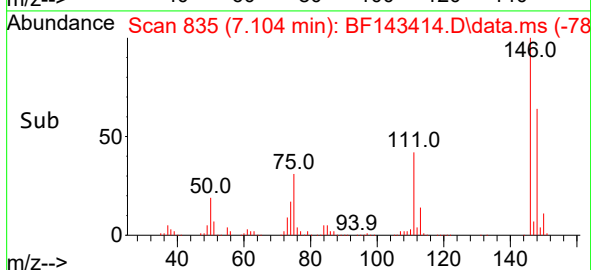
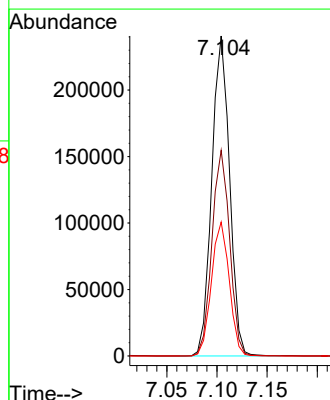
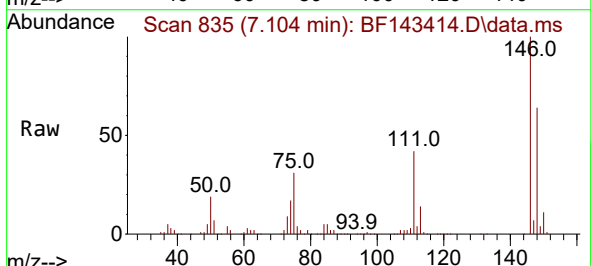
Tgt Ion:146 Resp: 297152

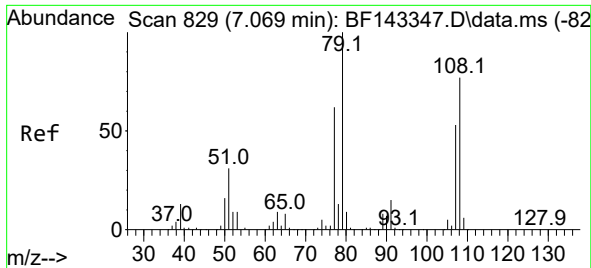
Ion Ratio Lower Upper

146 100

148 64.2 51.4 77.2

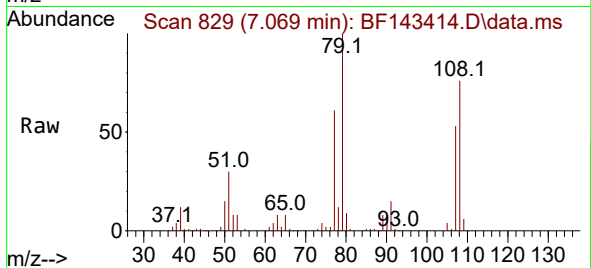
111 41.9 34.1 51.1





#15
Benzyl Alcohol
Concen: 34.380 ng
RT: 7.069 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF143414.D
Acq: 15 Aug 2025 12:45

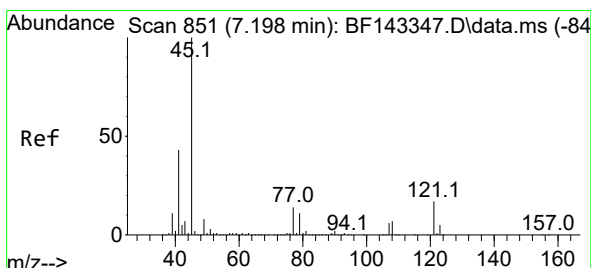
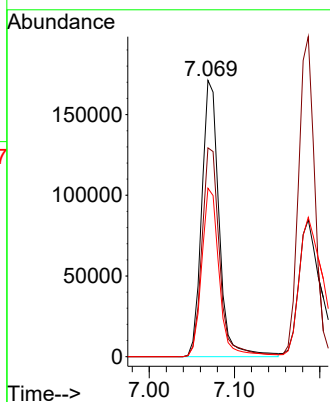
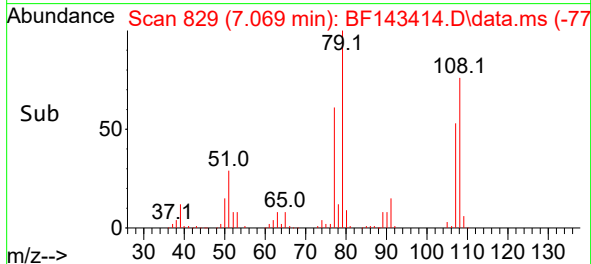
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



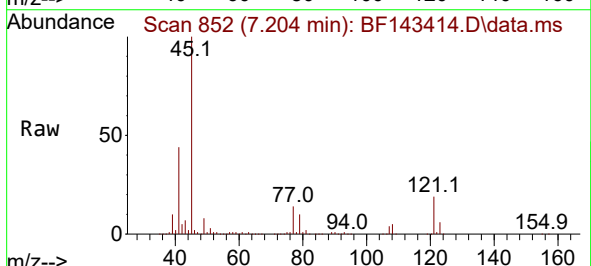
Tgt Ion: 79 Resp: 242210
Ion Ratio Lower Upper
79 100
108 75.5 61.5 92.3
77 61.0 49.8 74.8

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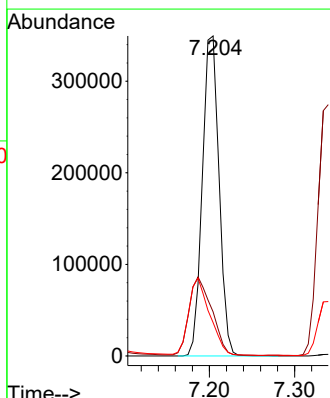
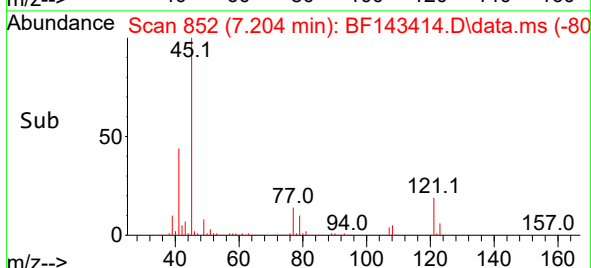
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

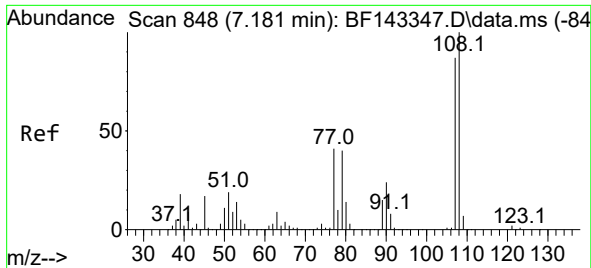


#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.066 ng
RT: 7.204 min Scan# 852
Delta R.T. 0.006 min
Lab File: BF143414.D
Acq: 15 Aug 2025 12:45



Tgt Ion: 45 Resp: 475921
Ion Ratio Lower Upper
45 100
77 13.8 0.0 34.0
79 10.5 0.0 31.1





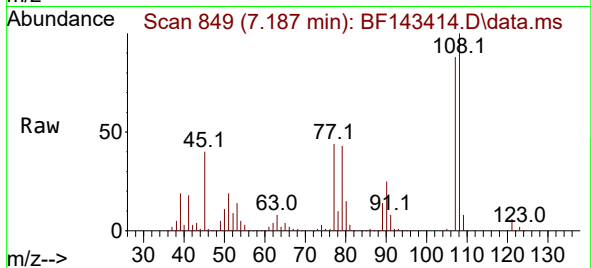
#17
2-Methylphenol
Concen: 33.263 ng
RT: 7.187 min Scan# 848
Delta R.T. 0.006 min
Lab File: BF143414.D
Acq: 15 Aug 2025 12:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

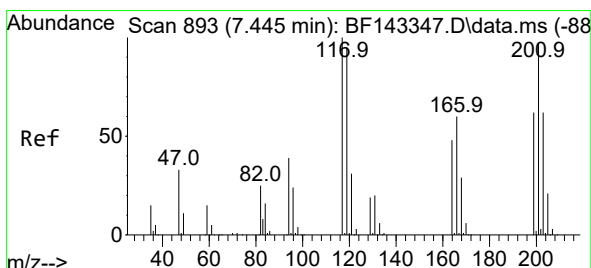
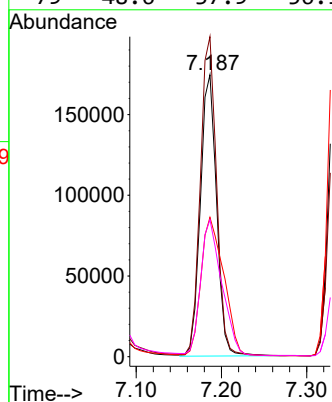
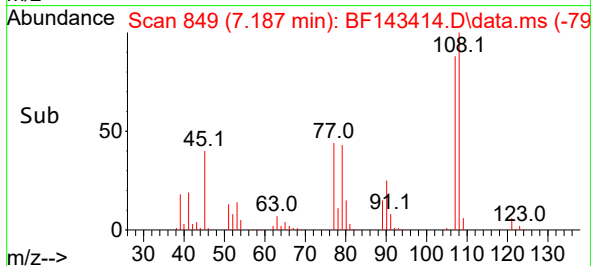


Tgt Ion:107 Resp: 229930
Ion Ratio Lower Upper
107 100
108 113.5 92.0 138.0
77 49.5 38.2 57.2
79 48.6 37.9 56.9

Manual Integrations

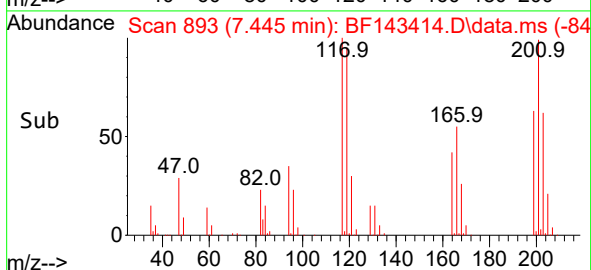
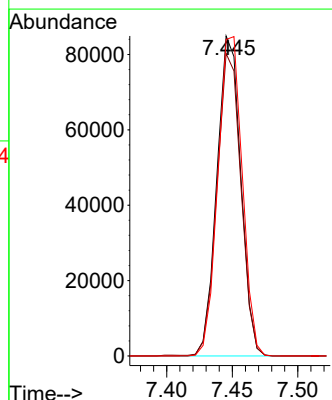
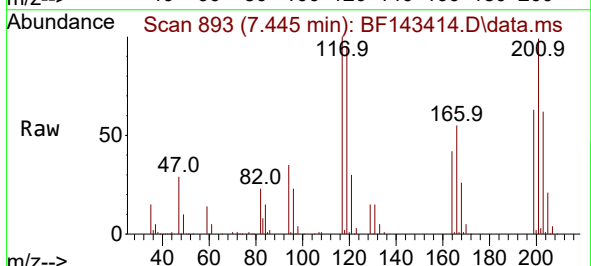
APPROVED

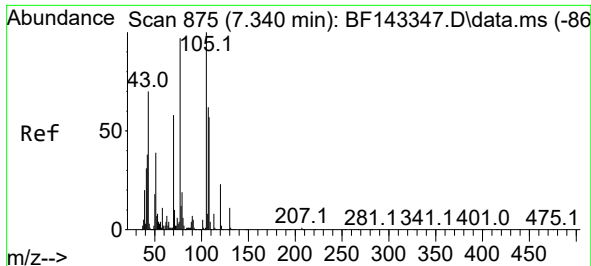
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#18
Hexachloroethane
Concen: 36.078 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.000 min
Lab File: BF143414.D
Acq: 15 Aug 2025 12:45

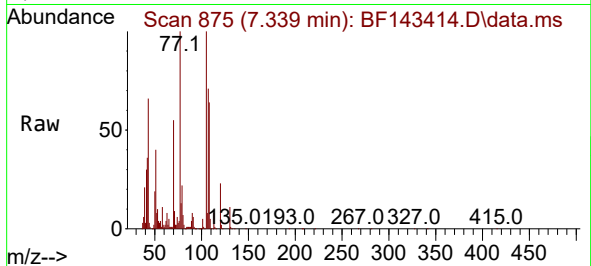
Tgt Ion:117 Resp: 107231
Ion Ratio Lower Upper
117 100
119 94.5 75.8 113.8
201 98.9 77.2 115.8





#19
n-Nitroso-di-n-propylamine
Concen: 32.620 ng
RT: 7.339 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF143414.D
Acq: 15 Aug 2025 12:45

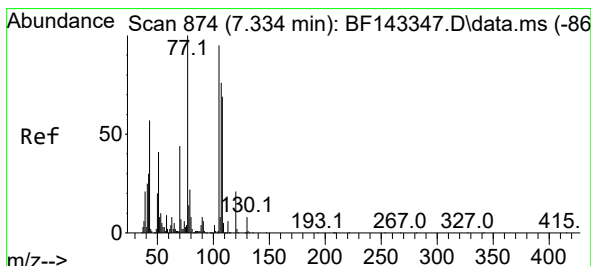
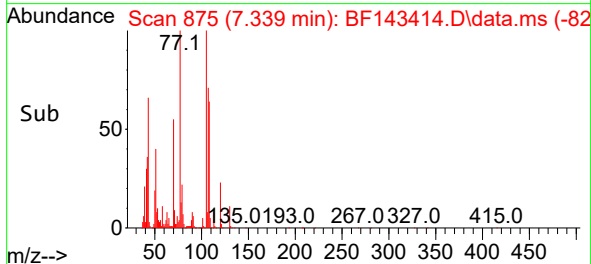
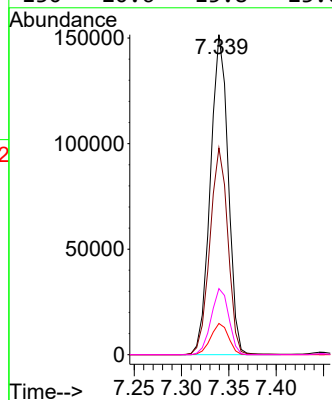
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:	70	Resp:	198094
Ion Ratio	70	100	
Lower	42	64.6	51.6
Upper	101	9.7	7.5
	130	20.6	15.8
			23.6

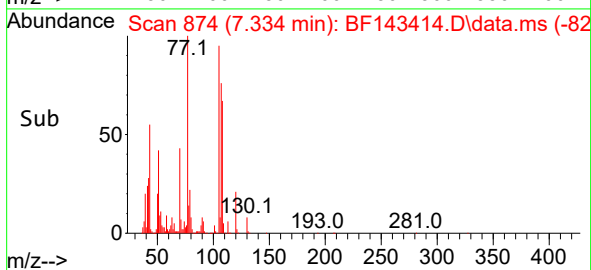
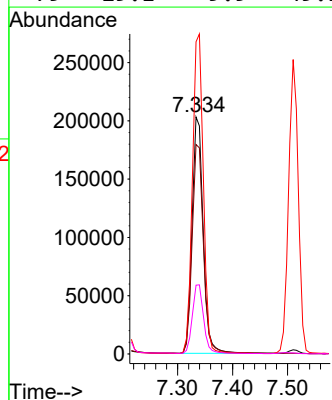
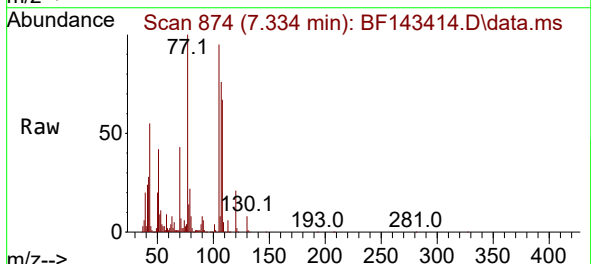
Manual Integrations
APPROVED

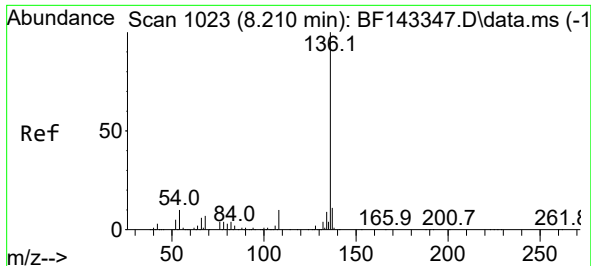
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#20
3+4-Methylphenols
Concen: 33.947 ng
RT: 7.334 min Scan# 874
Delta R.T. -0.000 min
Lab File: BF143414.D
Acq: 15 Aug 2025 12:45

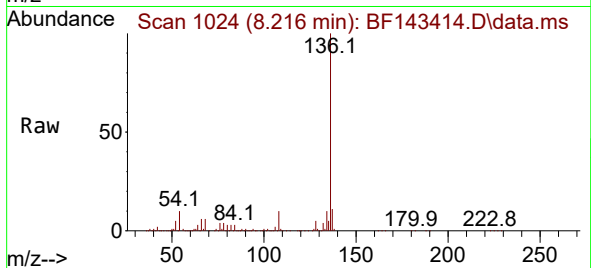
Tgt Ion:	107	Resp:	283796
Ion Ratio	107	100	
Lower	108	88.4	70.6
Upper	77	131.8	112.0
	79	29.1	9.9
			49.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1024
Delta R.T. 0.006 min
Lab File: BF143414.D
Acq: 15 Aug 2025 12:45

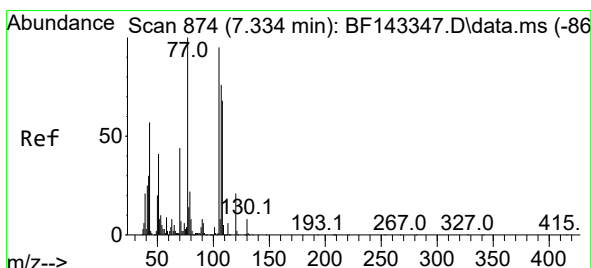
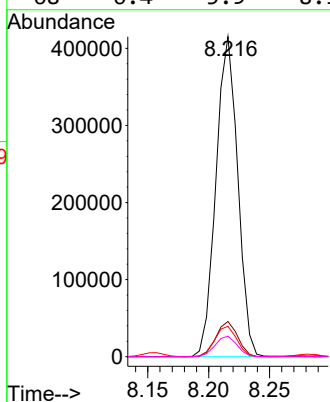
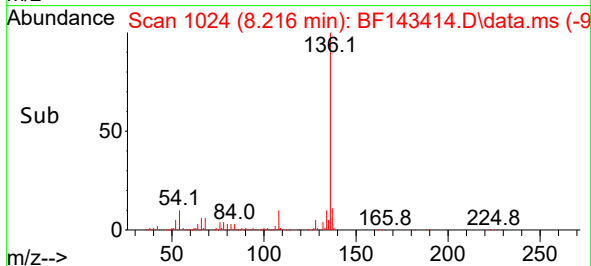
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:136 Resp: 517048
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.5 8.4 12.6
68 6.4 5.9 8.9

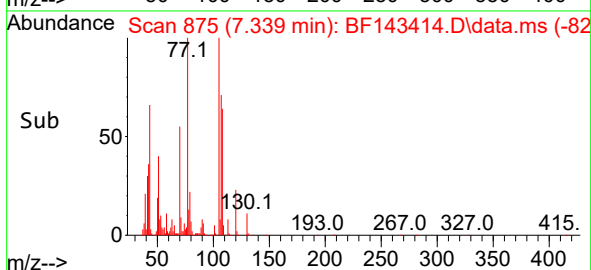
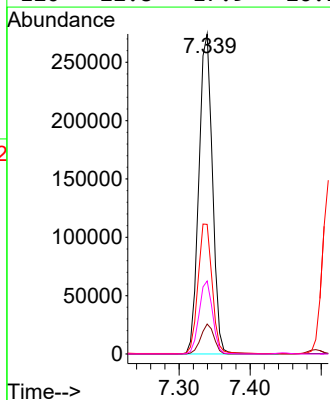
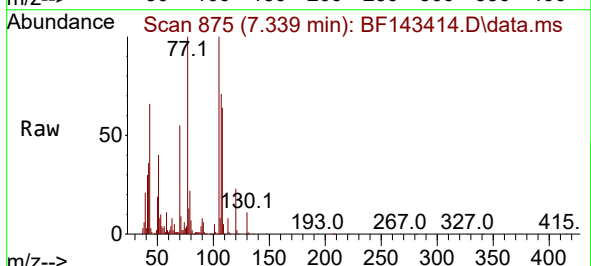
Manual Integrations
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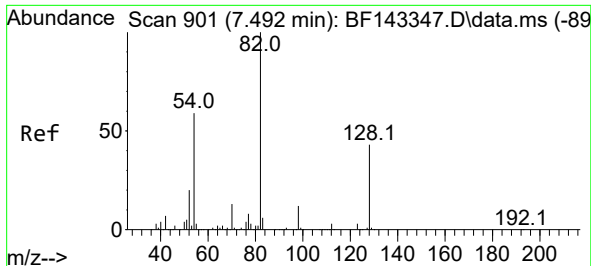
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#22
Acetophenone
Concen: 32.094 ng
RT: 7.339 min Scan# 875
Delta R.T. 0.006 min
Lab File: BF143414.D
Acq: 15 Aug 2025 12:45

Tgt Ion:105 Resp: 365619
Ion Ratio Lower Upper
105 100
71 9.3 6.2 9.4
51 40.5 34.8 52.2
120 22.8 17.9 26.9





#23

Nitrobenzene-d5

Concen: 70.617 ng

RT: 7.492 min Scan# 901

Delta R.T. -0.000 min

Lab File: BF143414.D

Acq: 15 Aug 2025 12:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 82 Resp: 58632

Ion Ratio Lower Upper

82 100

128 44.1 33.5 50.3

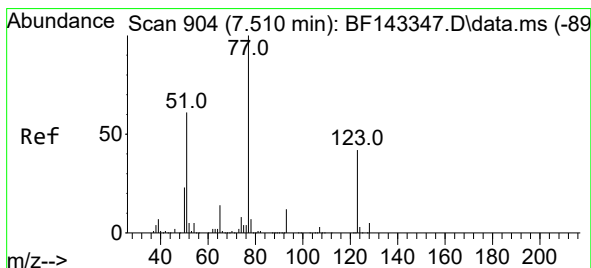
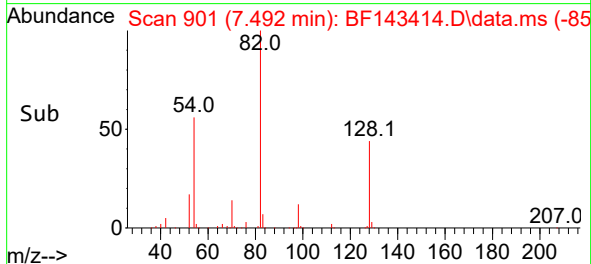
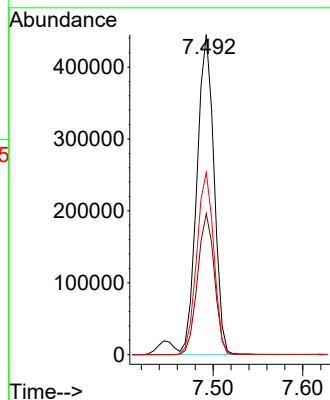
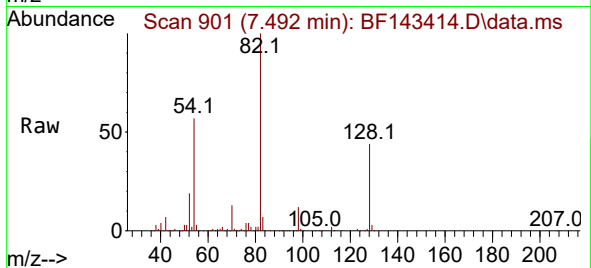
54 57.0 46.7 70.1

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#24

Nitrobenzene

Concen: 34.031 ng

RT: 7.510 min Scan# 904

Delta R.T. -0.000 min

Lab File: BF143414.D

Acq: 15 Aug 2025 12:45

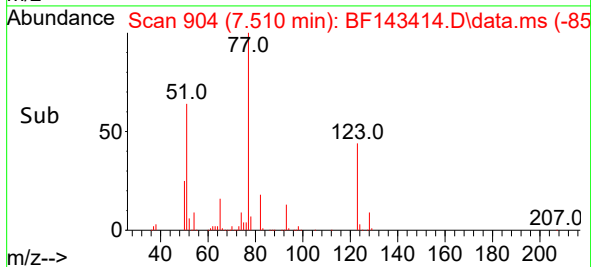
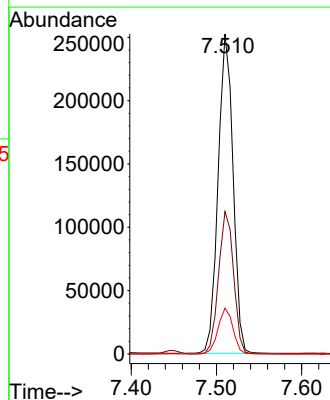
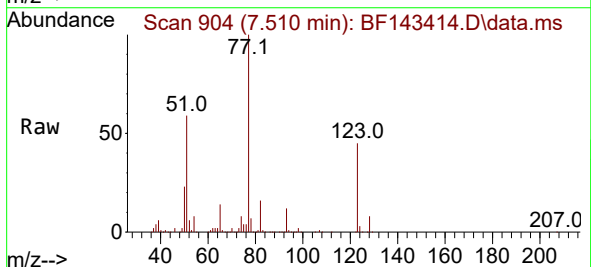
Tgt Ion: 77 Resp: 306868

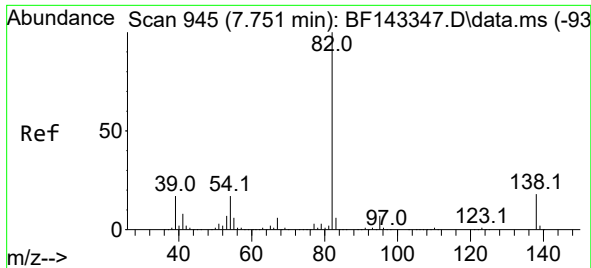
Ion Ratio Lower Upper

77 100

123 44.5 34.8 52.2

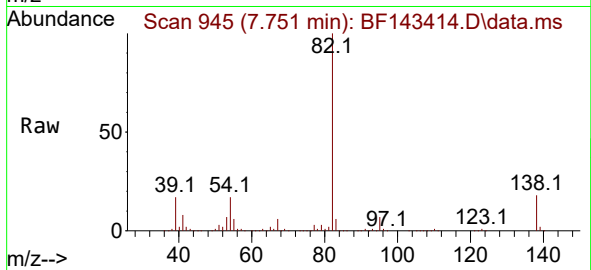
65 14.3 11.0 16.6





#25
Isophorone
Concen: 32.967 ng
RT: 7.751 min Scan# 945
Delta R.T. -0.000 min
Lab File: BF143414.D
Acq: 15 Aug 2025 12:45

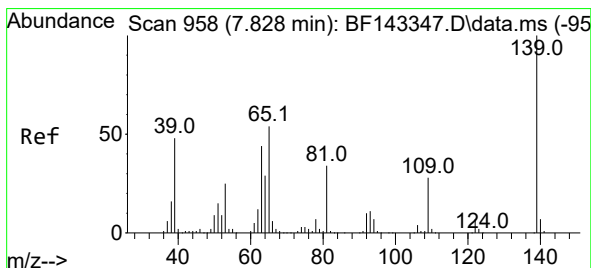
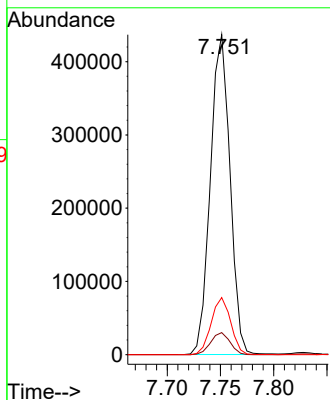
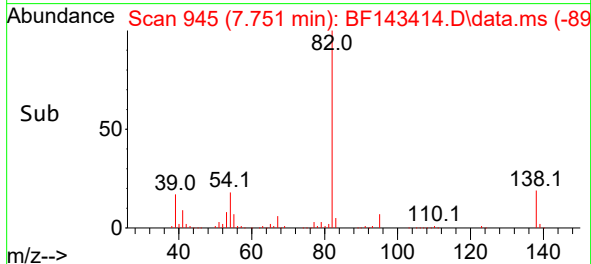
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



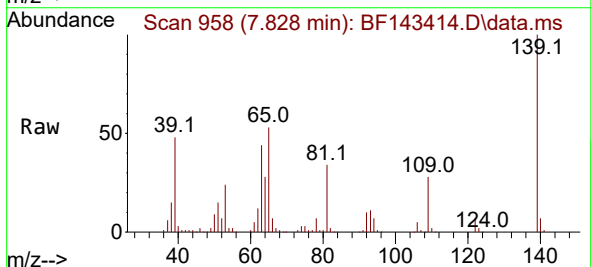
Tgt Ion: 82 Resp: 55878
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 17.9 14.6 21.8

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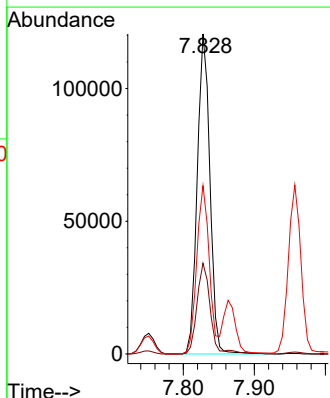
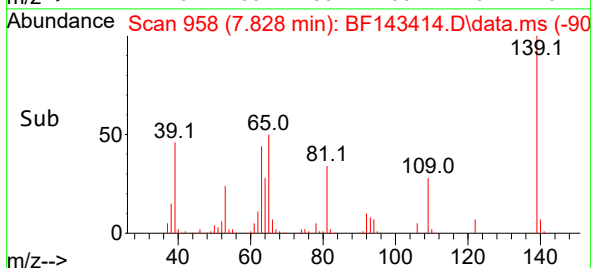
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

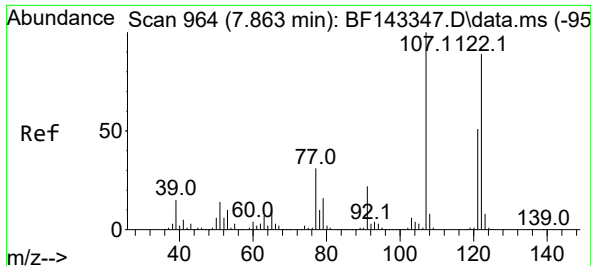


#26
2-Nitrophenol
Concen: 42.036 ng
RT: 7.828 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF143414.D
Acq: 15 Aug 2025 12:45



Tgt Ion:139 Resp: 150133
Ion Ratio Lower Upper
139 100
109 28.3 22.4 33.6
65 52.6 42.9 64.3





#27

2,4-Dimethylphenol

Concen: 34.831 ng m

RT: 7.863 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF143414.D

Acq: 15 Aug 2025 12:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

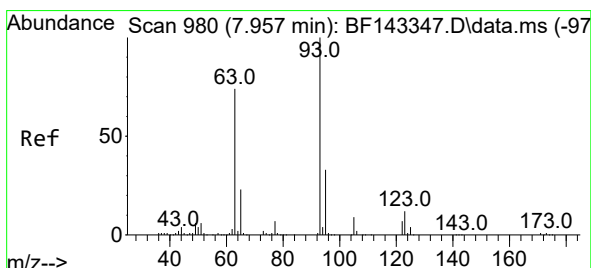
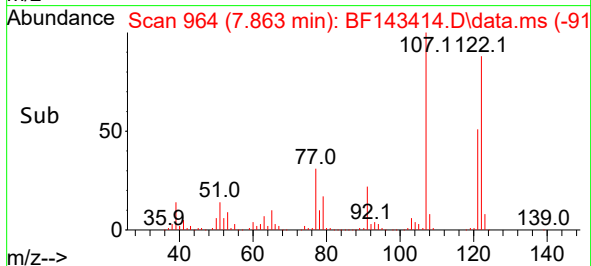
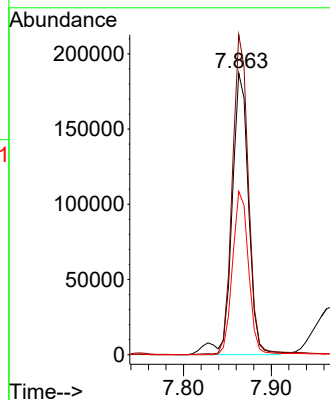
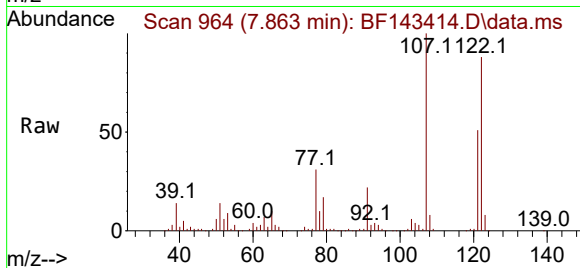
Tgt Ion:122 Resp: 24630
 Ion Ratio Lower Upper
 122 100
 107 113.6 89.9 134.9
 121 58.0 46.2 69.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#28

bis(2-Chloroethoxy)methane

Concen: 33.061 ng

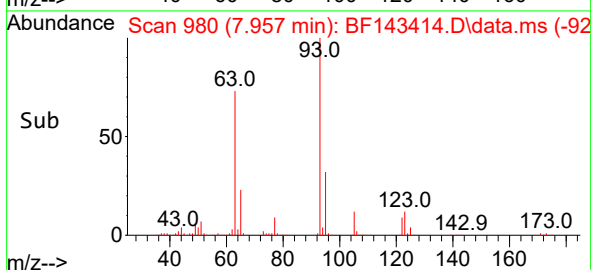
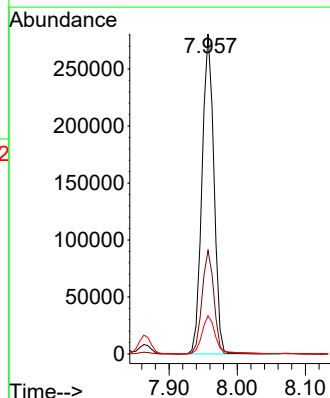
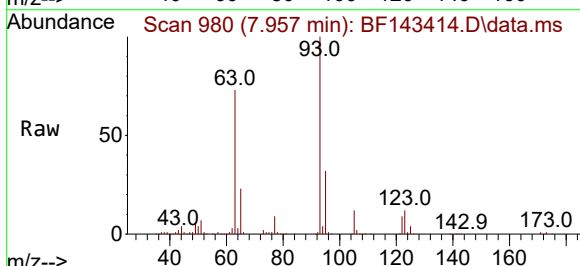
RT: 7.957 min Scan# 980

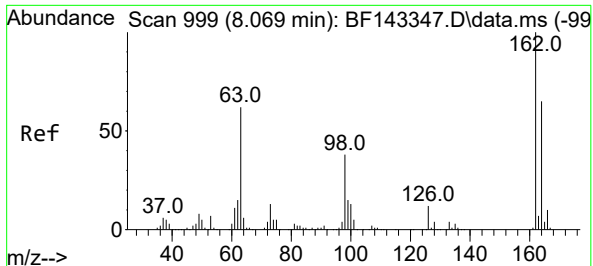
Delta R.T. -0.000 min

Lab File: BF143414.D

Acq: 15 Aug 2025 12:45

Tgt Ion: 93 Resp: 342133
 Ion Ratio Lower Upper
 93 100
 95 32.3 26.2 39.4
 123 12.0 9.4 14.2





#29

2,4-Dichlorophenol

Concen: 35.311 ng

RT: 8.075 min Scan# 1000

Delta R.T. 0.006 min

Lab File: BF143414.D

Acq: 15 Aug 2025 12:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:162 Resp: 24388

Ion Ratio Lower Upper

162 100

164 64.2 44.5 84.5

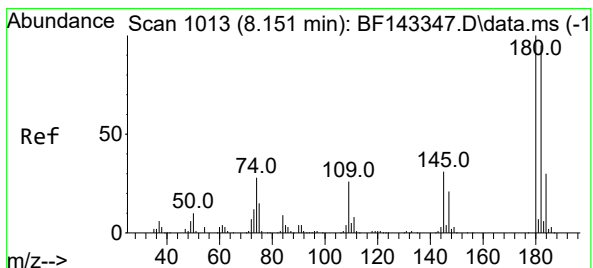
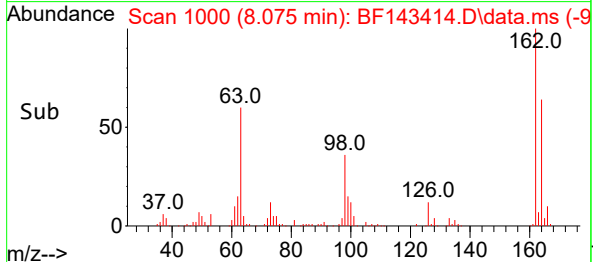
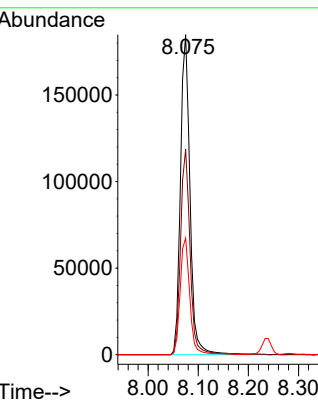
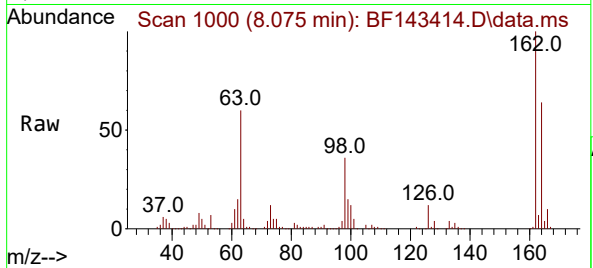
98 36.4 17.7 57.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#30

1,2,4-Trichlorobenzene

Concen: 33.779 ng

RT: 8.157 min Scan# 1014

Delta R.T. 0.006 min

Lab File: BF143414.D

Acq: 15 Aug 2025 12:45

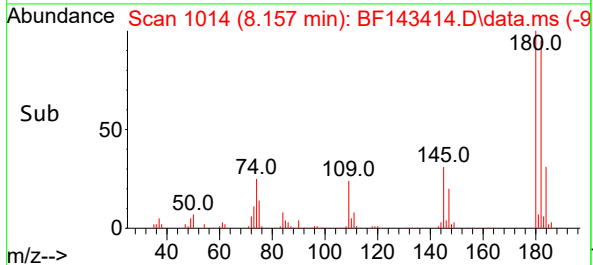
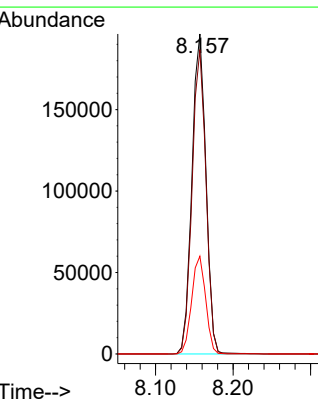
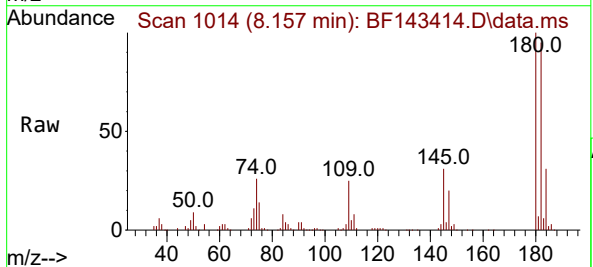
Tgt Ion:180 Resp: 246099

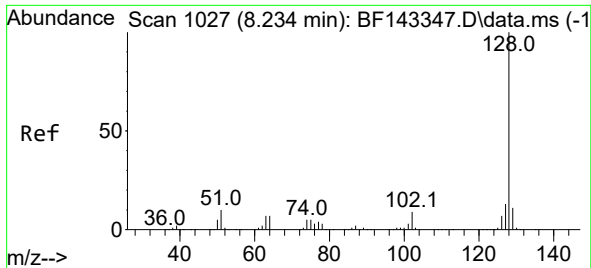
Ion Ratio Lower Upper

180 100

182 95.1 76.1 114.1

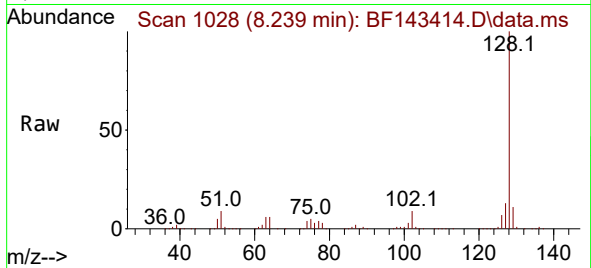
145 30.6 24.9 37.3





#31
Naphthalene
Concen: 32.577 ng
RT: 8.239 min Scan# 1028
Delta R.T. 0.006 min
Lab File: BF143414.D
Acq: 15 Aug 2025 12:45

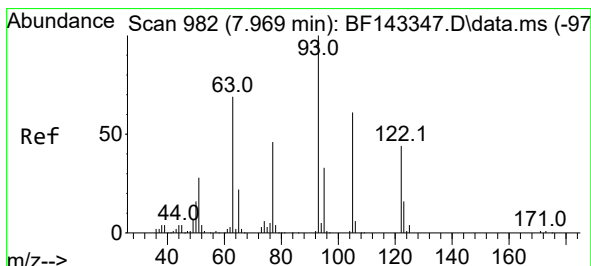
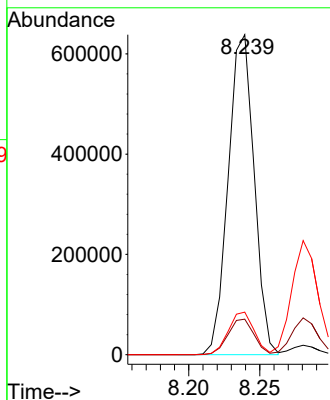
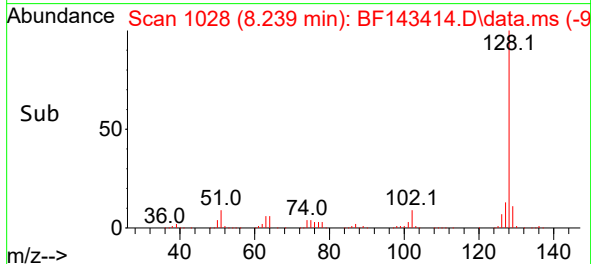
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:128 Resp: 810500
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.3 10.7 16.1

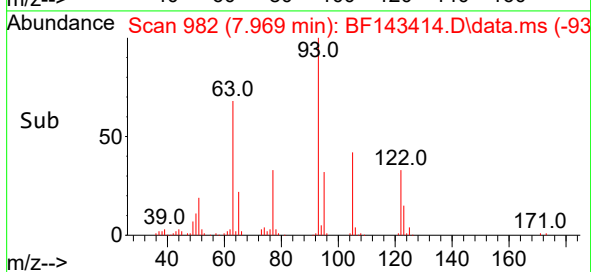
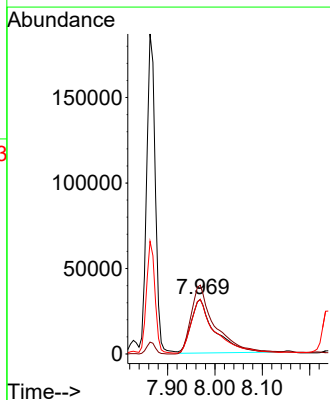
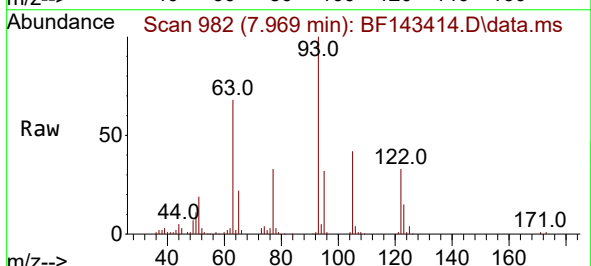
Manual Integrations
APPROVED

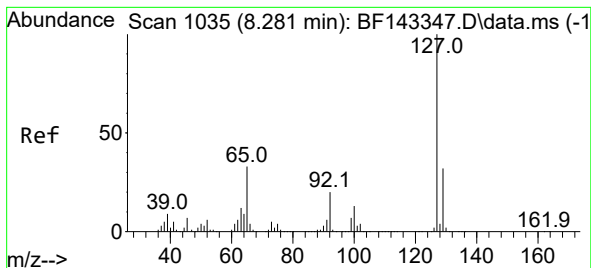
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#32
Benzoic acid
Concen: 38.012 ng
RT: 7.969 min Scan# 982
Delta R.T. -0.000 min
Lab File: BF143414.D
Acq: 15 Aug 2025 12:45

Tgt Ion:122 Resp: 107890
Ion Ratio Lower Upper
122 100
105 125.9 106.4 146.4
77 99.8 79.2 119.2





#33
4-Chloroaniline
Concen: 33.361 ng
RT: 8.281 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF143414.D
Acq: 15 Aug 2025 12:45

Instrument :

BNA_F

ClientSampleId :

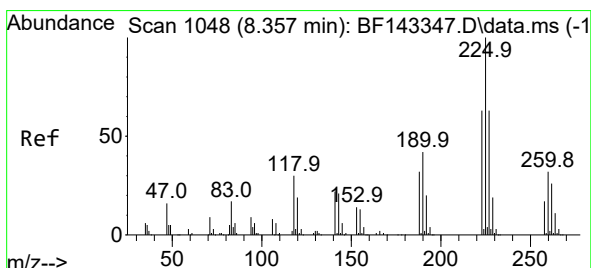
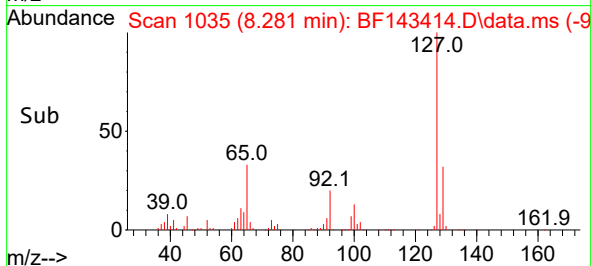
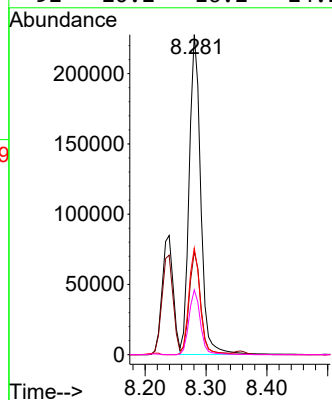
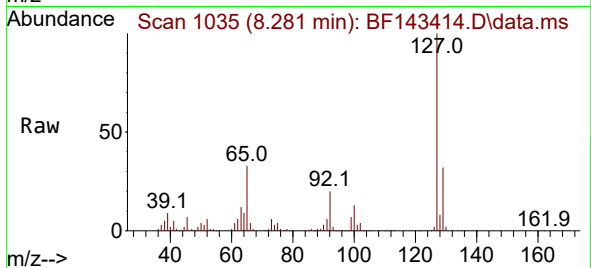
SSTDCCC040EC

Tgt Ion:127 Resp: 29936
Ion Ratio Lower Upper
127 100
129 32.2 26.0 39.0
65 33.3 27.0 40.4
92 20.2 16.2 24.2

Manual Integrations

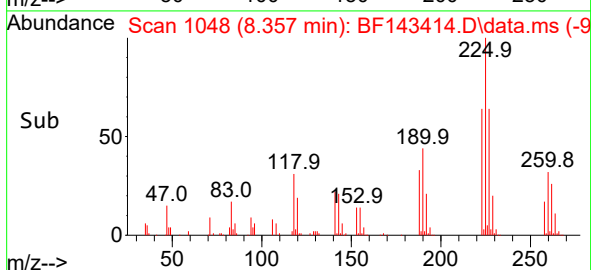
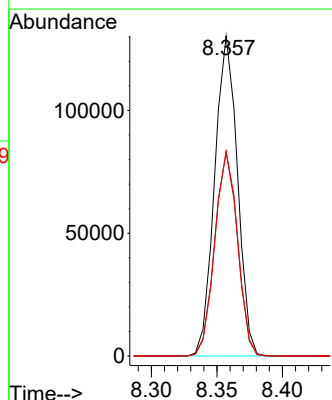
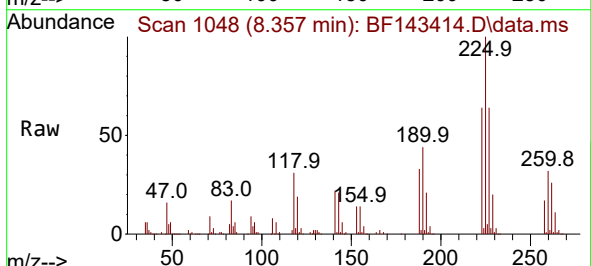
APPROVED

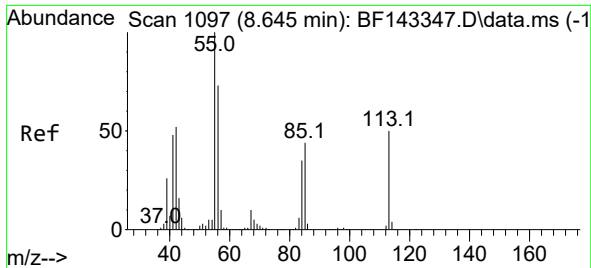
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#34
Hexachlorobutadiene
Concen: 34.683 ng
RT: 8.357 min Scan# 1048
Delta R.T. -0.000 min
Lab File: BF143414.D
Acq: 15 Aug 2025 12:45

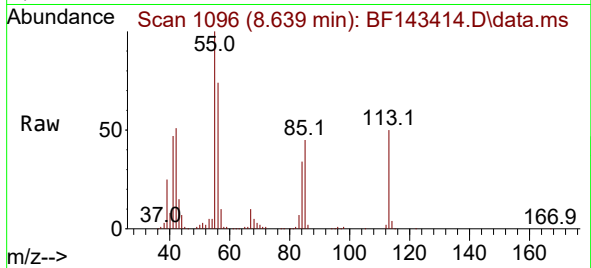
Tgt Ion:225 Resp: 157186
Ion Ratio Lower Upper
225 100
223 63.7 50.1 75.1
227 64.0 50.6 75.8





#35
Caprolactam
Concen: 38.568 ng
RT: 8.639 min Scan# 1096
Delta R.T. -0.006 min
Lab File: BF143414.D
Acq: 15 Aug 2025 12:45

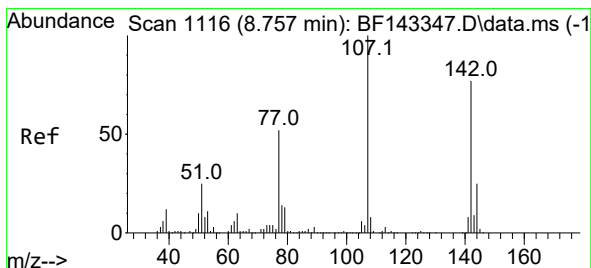
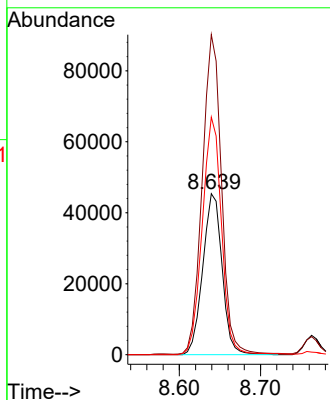
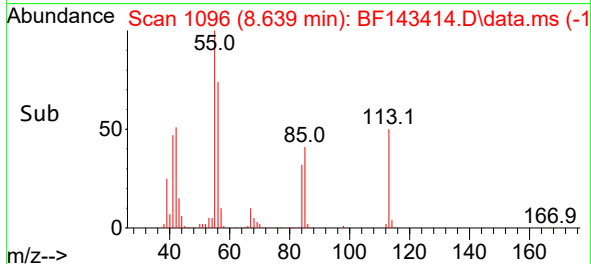
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:113 Resp: 7488
Ion Ratio Lower Upper
113 100
55 198.9 181.4 221.4
56 147.7 127.3 167.3

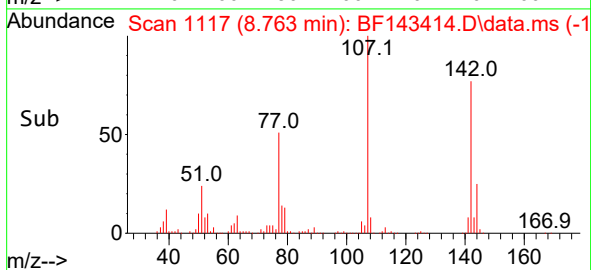
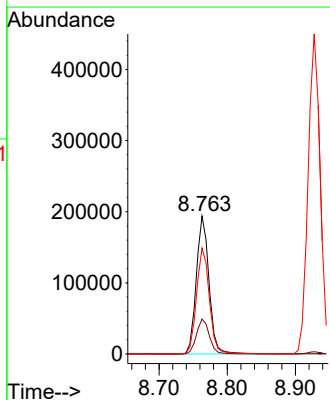
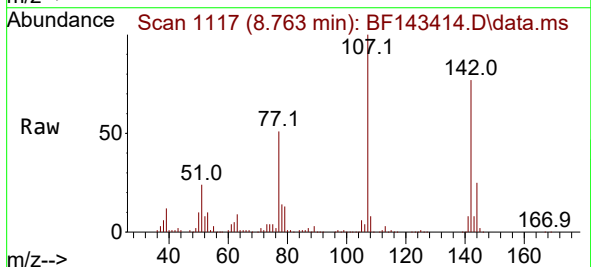
Manual Integrations
APPROVED

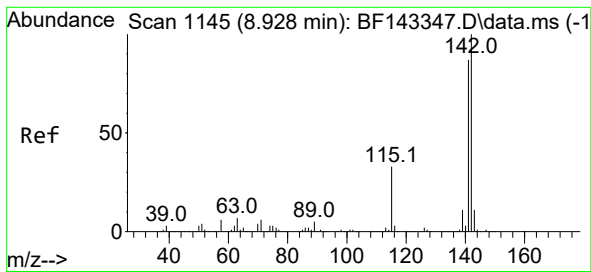
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#36
4-Chloro-3-methylphenol
Concen: 34.724 ng
RT: 8.763 min Scan# 1117
Delta R.T. 0.006 min
Lab File: BF143414.D
Acq: 15 Aug 2025 12:45

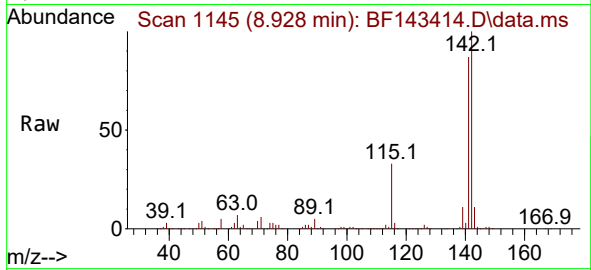
Tgt Ion:107 Resp: 251420
Ion Ratio Lower Upper
107 100
144 25.3 20.0 30.0
142 76.9 61.3 91.9





#37
2-Methylnaphthalene
Concen: 33.929 ng
RT: 8.928 min Scan# 1145
Delta R.T. -0.000 min
Lab File: BF143414.D
Acq: 15 Aug 2025 12:45

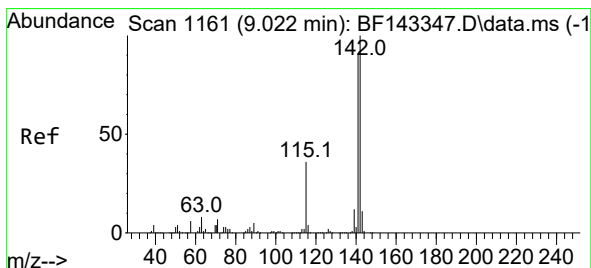
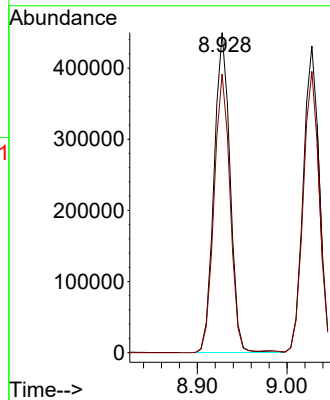
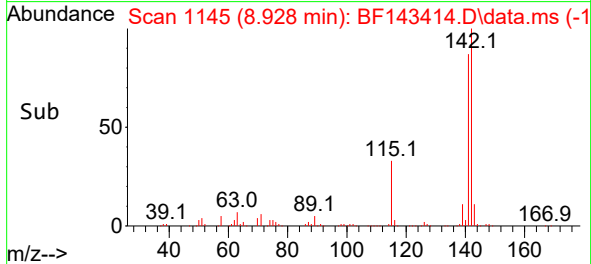
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:142 Resp: 554950
Ion Ratio Lower Upper
142 100
141 87.0 69.8 104.8

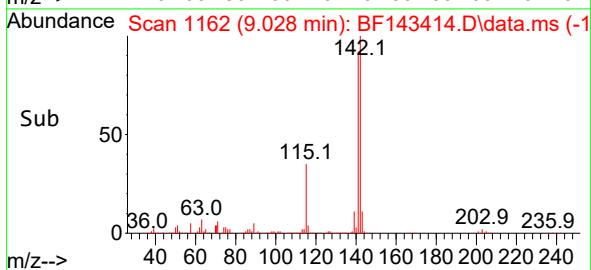
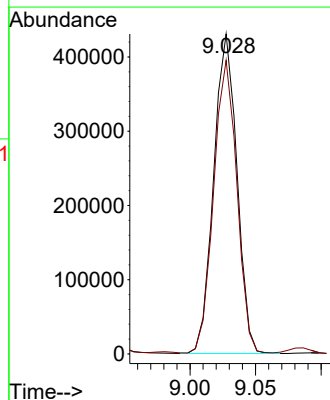
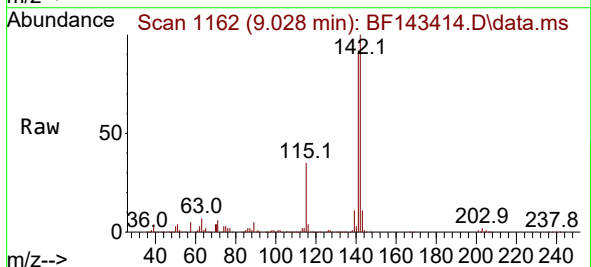
Manual Integrations
APPROVED

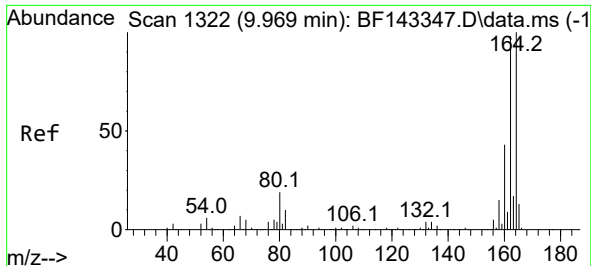
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#38
1-Methylnaphthalene
Concen: 33.644 ng
RT: 9.028 min Scan# 1162
Delta R.T. 0.006 min
Lab File: BF143414.D
Acq: 15 Aug 2025 12:45

Tgt Ion:142 Resp: 529993
Ion Ratio Lower Upper
142 100
141 91.8 73.0 109.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.969 min Scan# 1173

Delta R.T. -0.000 min

Lab File: BF143414.D

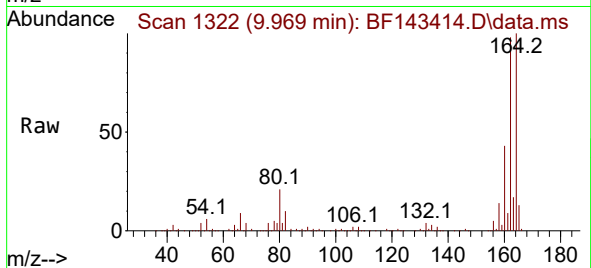
Acq: 15 Aug 2025 12:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



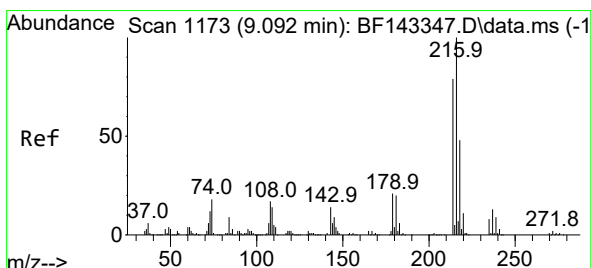
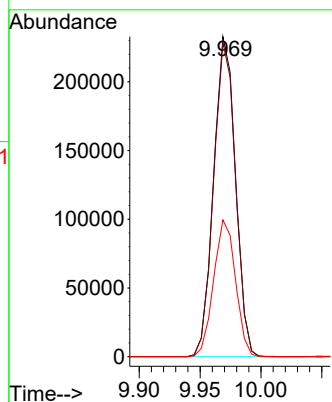
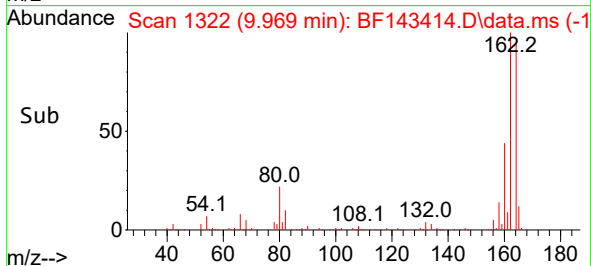
Tgt Ion:	164	Resp:	29013
Ion Ratio	100	Lower	Upper
164	100		
162	98.2	78.6	118.0
160	42.8	34.4	51.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 33.273 ng

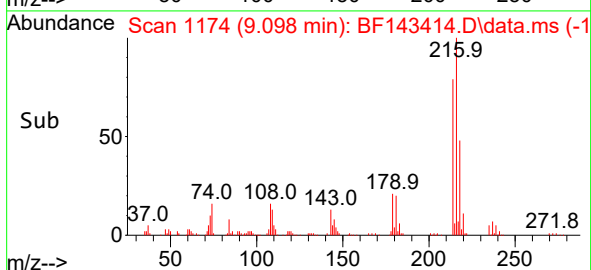
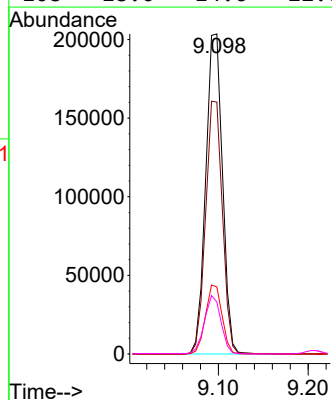
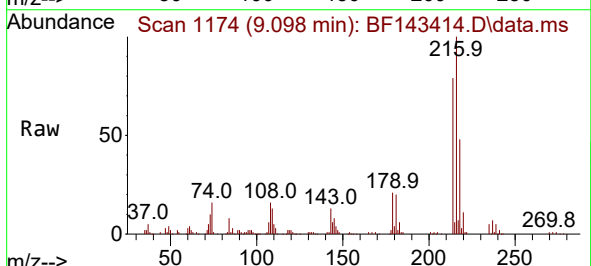
RT: 9.098 min Scan# 1174

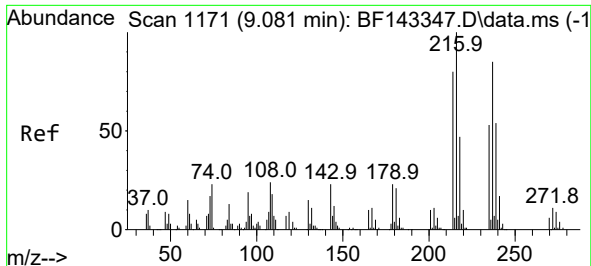
Delta R.T. 0.006 min

Lab File: BF143414.D

Acq: 15 Aug 2025 12:45

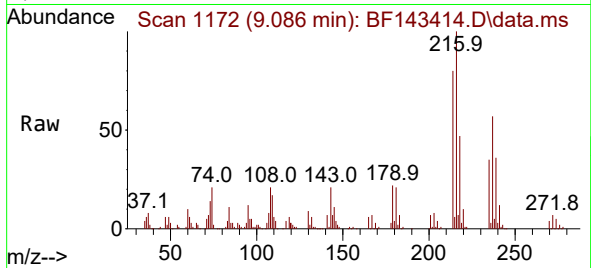
Tgt Ion:	216	Resp:	264167
Ion Ratio	100	Lower	Upper
216	100		
214	79.0	63.0	94.4
179	21.2	17.0	25.4
108	18.0	14.6	22.0





#41
Hexachlorocyclopentadiene
Concen: 33.685 ng
RT: 9.086 min Scan# 1172
Delta R.T. 0.005 min
Lab File: BF143414.D
Acq: 15 Aug 2025 12:45

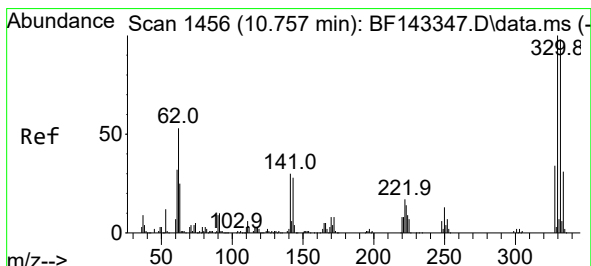
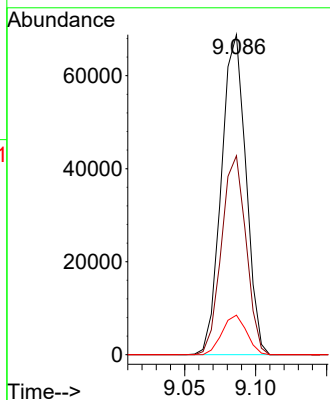
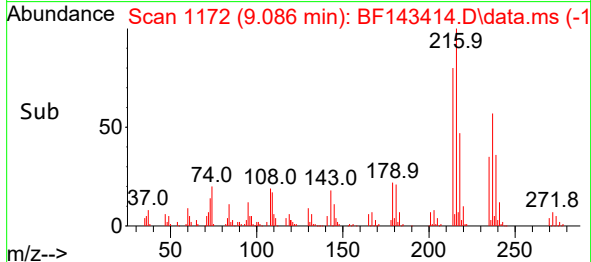
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



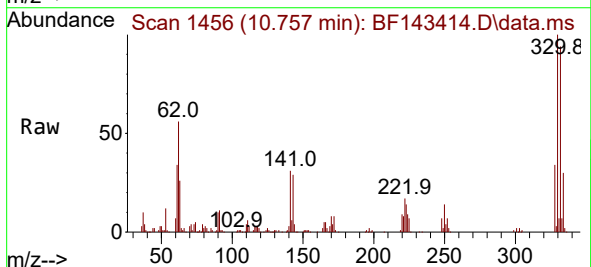
Tgt Ion: 237 Resp: 82620
Ion Ratio Lower Upper
237 100
235 62.2 42.0 82.0
272 12.4 0.0 32.6

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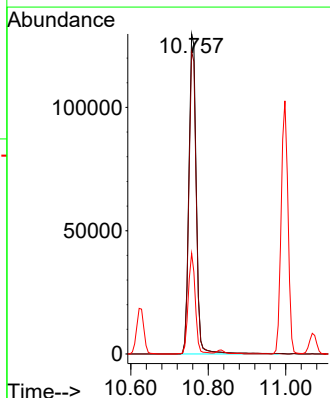
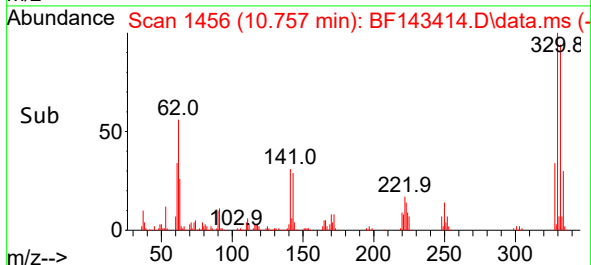
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

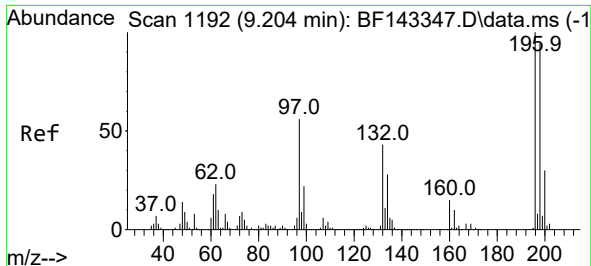


#42
2,4,6-Tribromophenol
Concen: 80.975 ng
RT: 10.757 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BF143414.D
Acq: 15 Aug 2025 12:45



Tgt Ion: 330 Resp: 171695
Ion Ratio Lower Upper
330 100
332 94.3 78.1 117.1
141 30.0 25.4 38.0





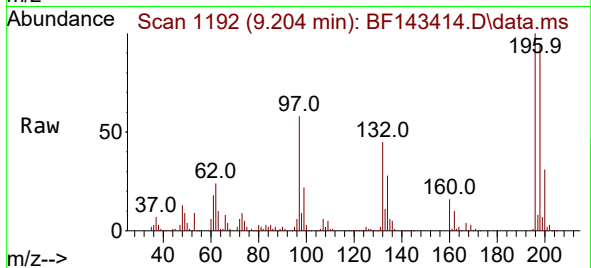
#43
2,4,6-Trichlorophenol
Concen: 36.945 ng
RT: 9.204 min Scan# 1192
Delta R.T. -0.000 min
Lab File: BF143414.D
Acq: 15 Aug 2025 12:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



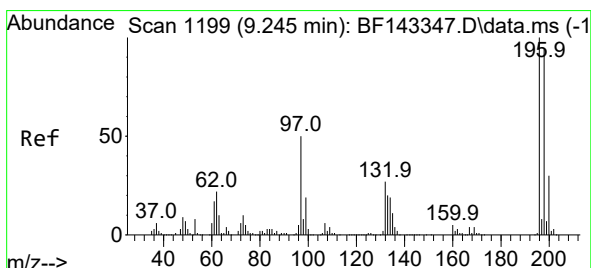
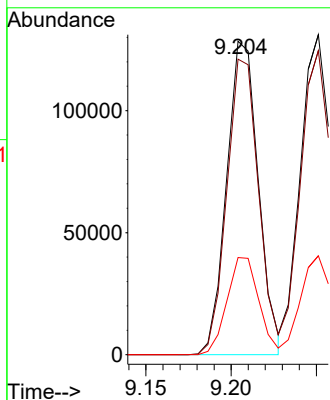
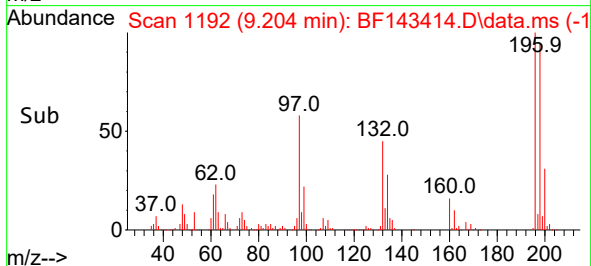
Tgt Ion:196 Resp: 166424
Ion Ratio Lower Upper
196 100
198 94.3 75.4 113.0
200 31.0 24.3 36.5

Manual Integrations

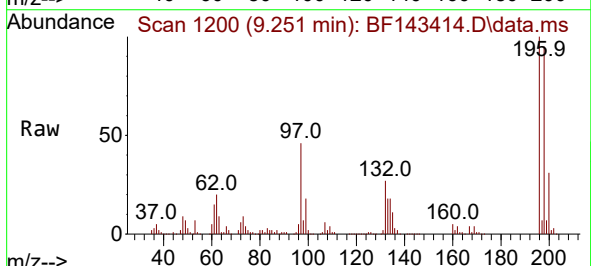
APPROVED

Reviewed By :Rahul Chavli 08/15/2025

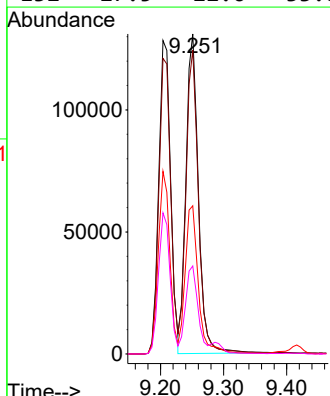
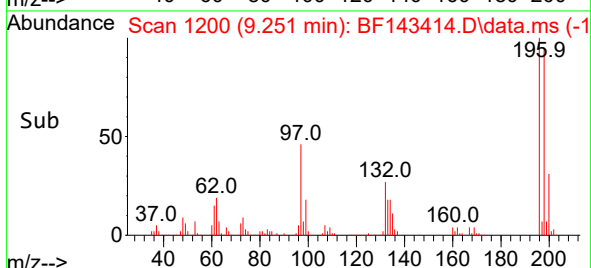
Supervised By :Jagrut Upadhyay 08/15/2025

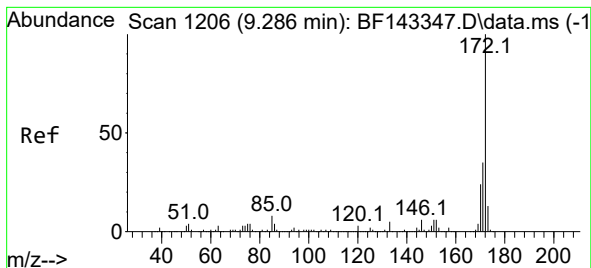


#44
2,4,5-Trichlorophenol
Concen: 35.491 ng
RT: 9.251 min Scan# 1200
Delta R.T. 0.006 min
Lab File: BF143414.D
Acq: 15 Aug 2025 12:45



Tgt Ion:196 Resp: 180539
Ion Ratio Lower Upper
196 100
198 95.0 75.4 113.2
97 46.3 39.9 59.9
132 27.5 22.6 33.8





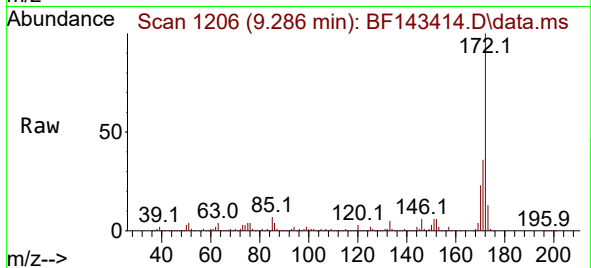
#45
2-Fluorobiphenyl
Concen: 65.272 ng
RT: 9.286 min Scan# 1206
Delta R.T. -0.000 min
Lab File: BF143414.D
Acq: 15 Aug 2025 12:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



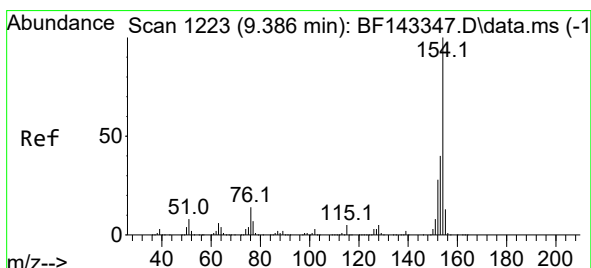
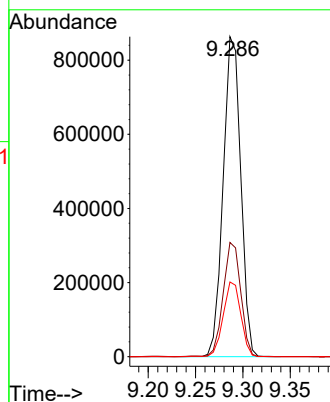
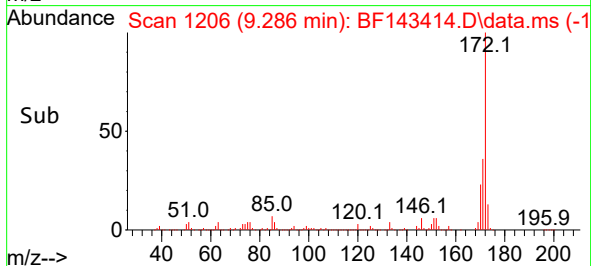
Tgt Ion:172 Resp: 111675
Ion Ratio Lower Upper
172 100
171 35.7 28.4 42.6
170 23.3 19.1 28.7

Manual Integrations

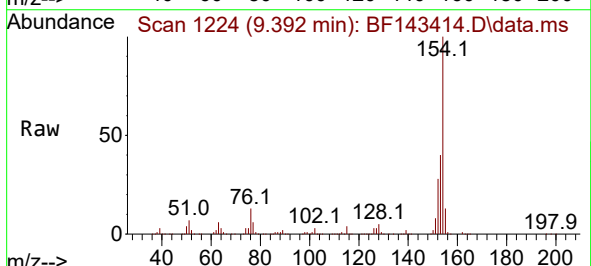
APPROVED

Reviewed By :Rahul Chavli 08/15/2025

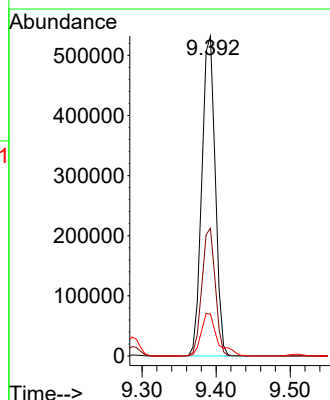
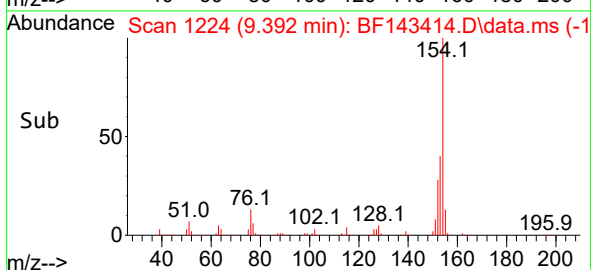
Supervised By :Jagrut Upadhyay 08/15/2025

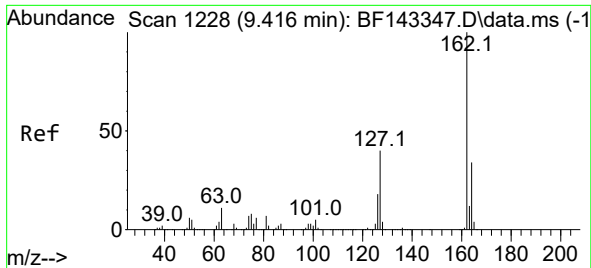


#46
1,1'-Biphenyl
Concen: 32.572 ng
RT: 9.392 min Scan# 1224
Delta R.T. 0.006 min
Lab File: BF143414.D
Acq: 15 Aug 2025 12:45



Tgt Ion:154 Resp: 668180
Ion Ratio Lower Upper
154 100
153 39.9 20.2 60.2
76 13.1 0.0 34.4





#47

2-Chloronaphthalene

Concen: 32.510 ng

RT: 9.416 min Scan# 1228

Delta R.T. -0.000 min

Lab File: BF143414.D

Acq: 15 Aug 2025 12:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

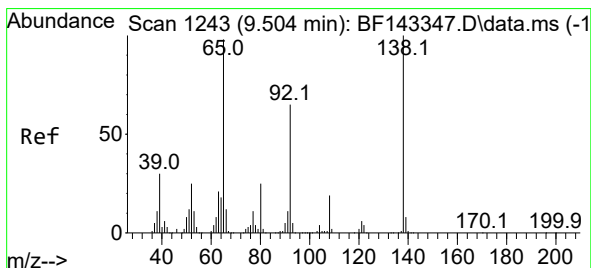
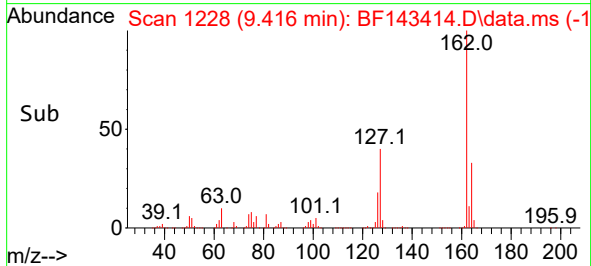
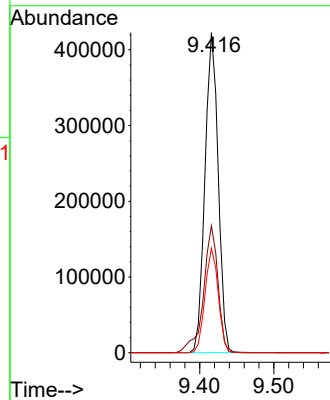
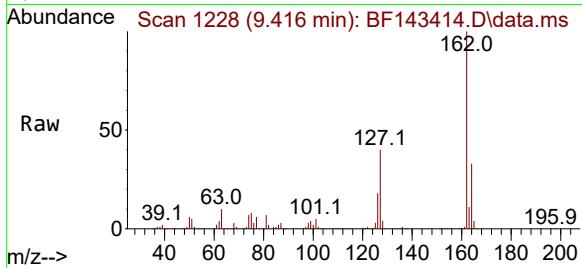
Tgt Ion:162 Resp: 52524
 Ion Ratio Lower Upper
 162 100
 127 39.6 32.1 48.1
 164 32.6 27.0 40.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#48

2-Nitroaniline

Concen: 36.111 ng

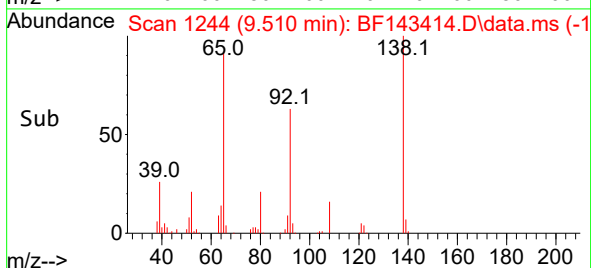
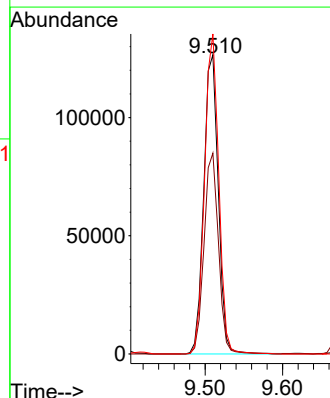
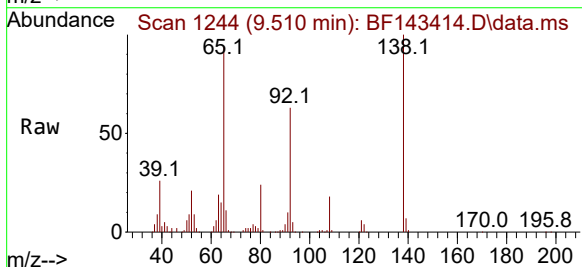
RT: 9.510 min Scan# 1244

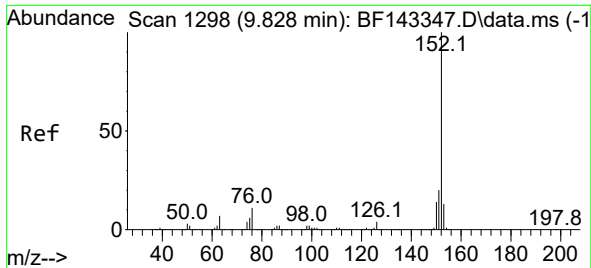
Delta R.T. 0.006 min

Lab File: BF143414.D

Acq: 15 Aug 2025 12:45

Tgt Ion: 65 Resp: 164879
 Ion Ratio Lower Upper
 65 100
 92 67.1 53.1 79.7
 138 106.9 81.4 122.0





#49

Acenaphthylene

Concen: 32.585 ng

RT: 9.833 min Scan# 1299

Delta R.T. 0.006 min

Lab File: BF143414.D

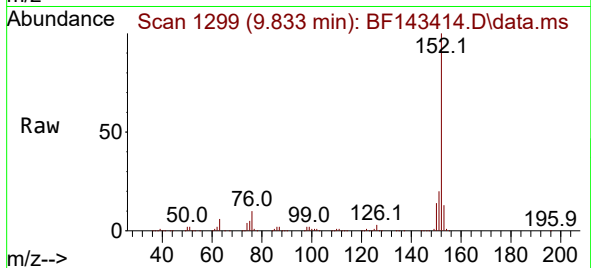
Acq: 15 Aug 2025 12:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:152 Resp: 760268

Ion Ratio Lower Upper

152 100

151 20.0 16.2 24.2

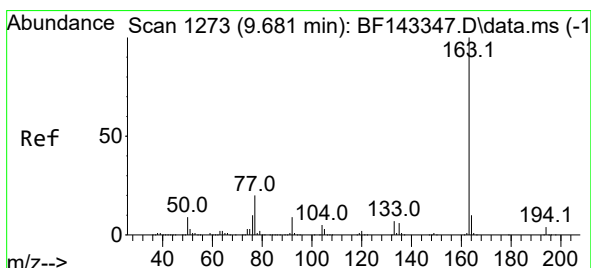
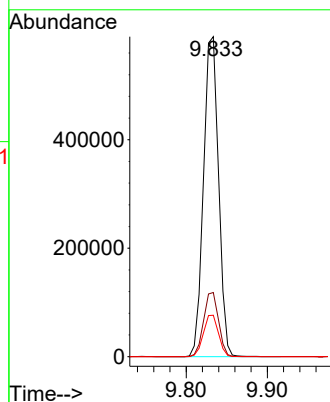
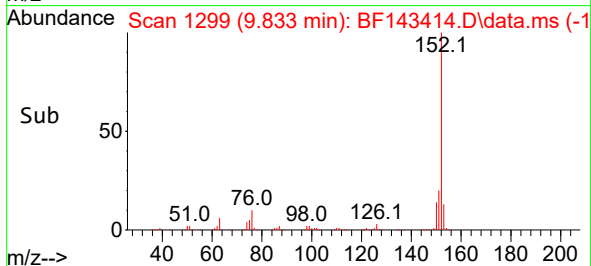
153 12.9 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#50

Dimethylphthalate

Concen: 36.250 ng

RT: 9.680 min Scan# 1273

Delta R.T. -0.000 min

Lab File: BF143414.D

Acq: 15 Aug 2025 12:45

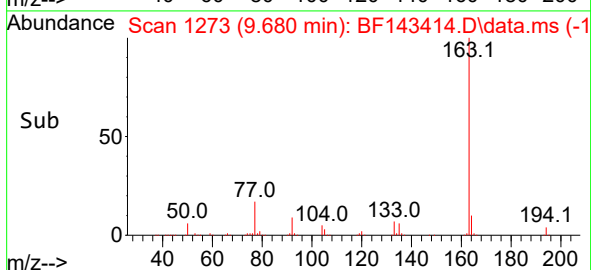
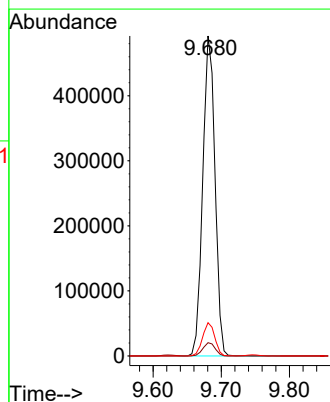
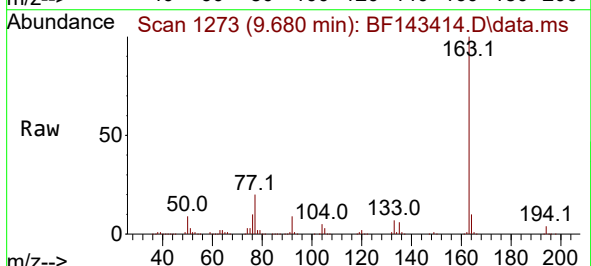
Tgt Ion:163 Resp: 614540

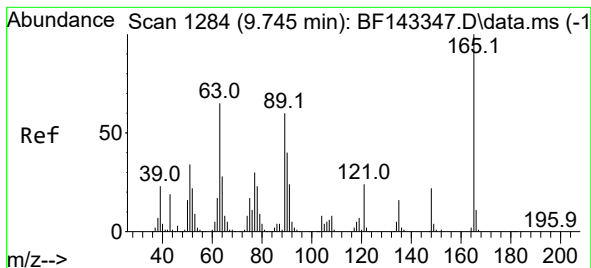
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.4 8.2 12.2





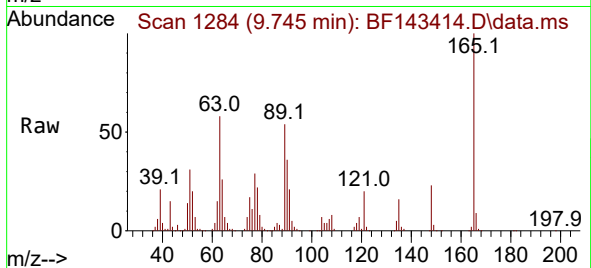
#51
2,6-Dinitrotoluene
Concen: 40.656 ng
RT: 9.745 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BF143414.D
Acq: 15 Aug 2025 12:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

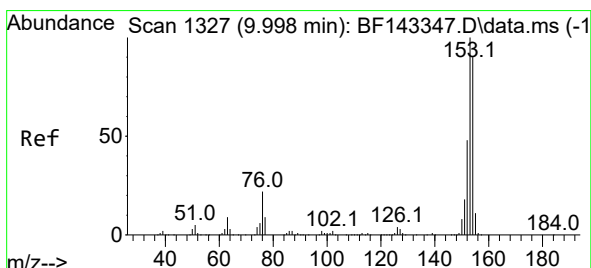
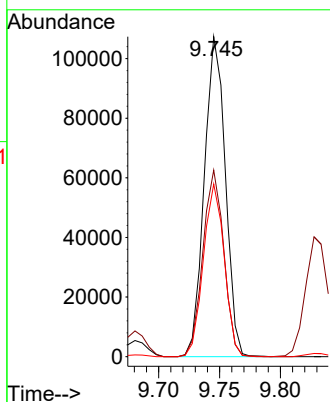
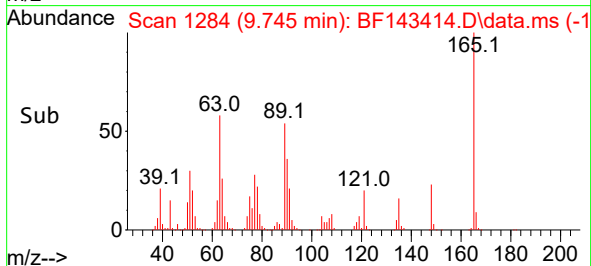


Tgt Ion:165 Resp: 128875
Ion Ratio Lower Upper
165 100
63 58.3 51.6 77.4
89 53.9 47.7 71.5

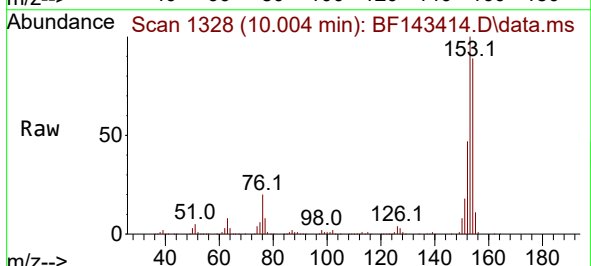
Manual Integrations

APPROVED

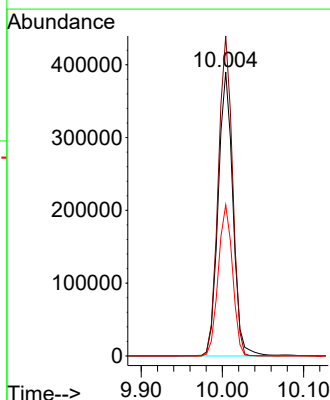
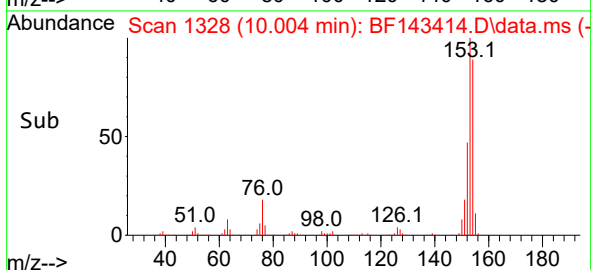
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

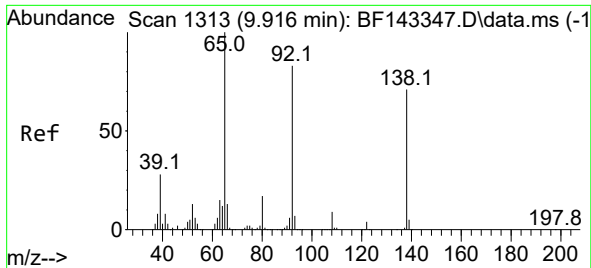


#52
Acenaphthene
Concen: 31.799 ng
RT: 10.004 min Scan# 1328
Delta R.T. 0.006 min
Lab File: BF143414.D
Acq: 15 Aug 2025 12:45



Tgt Ion:154 Resp: 493236
Ion Ratio Lower Upper
154 100
153 112.7 88.5 132.7
152 53.2 42.4 63.6





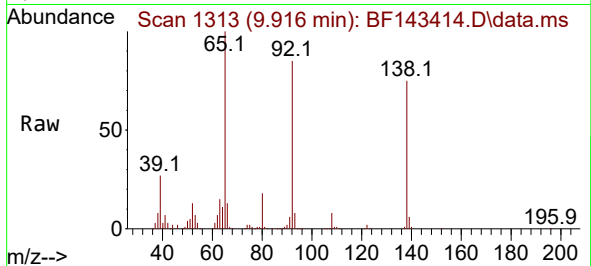
#53
3-Nitroaniline
Concen: 40.277 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143414.D
Acq: 15 Aug 2025 12:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



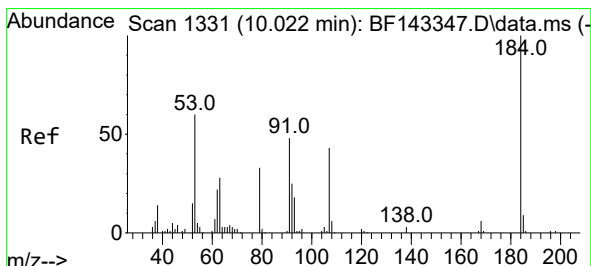
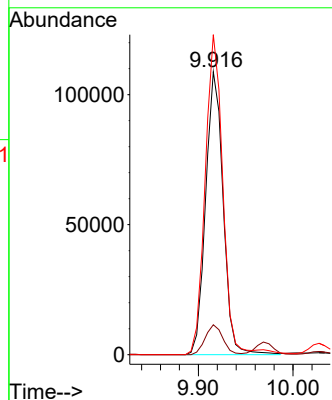
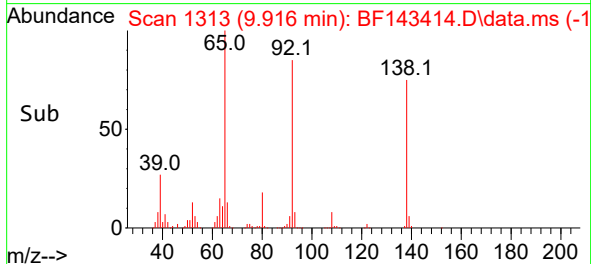
Tgt Ion:138 Resp: 13983
Ion Ratio Lower Upper
138 100
108 10.6 9.6 14.4
92 113.1 93.4 140.2

Manual Integrations

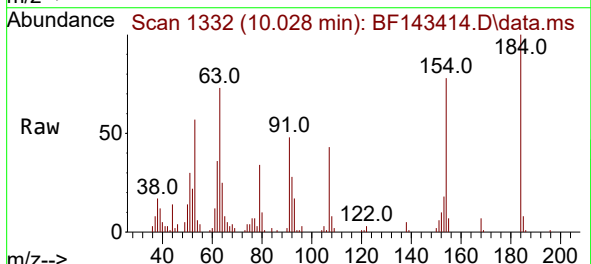
APPROVED

Reviewed By :Rahul Chavli 08/15/2025

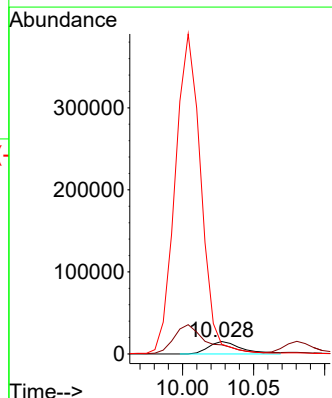
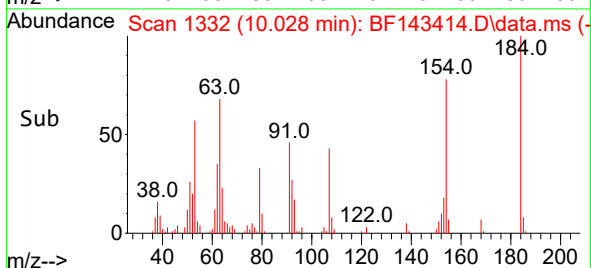
Supervised By :Jagrut Upadhyay 08/15/2025

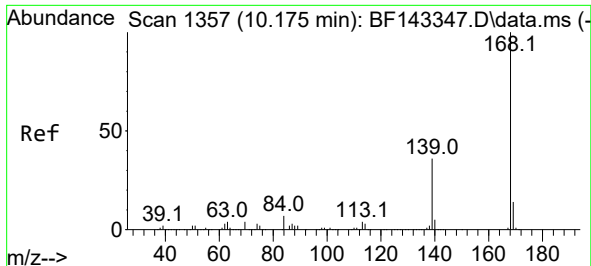


#54
2,4-Dinitrophenol
Concen: 29.103 ng
RT: 10.028 min Scan# 1332
Delta R.T. 0.006 min
Lab File: BF143414.D
Acq: 15 Aug 2025 12:45



Tgt Ion:184 Resp: 24625
Ion Ratio Lower Upper
184 100
63 73.0 62.5 93.7
154 78.0 73.0 109.4





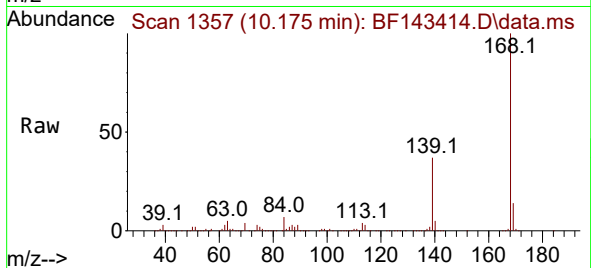
#55
Dibenzenofuran
Concen: 33.049 ng
RT: 10.175 min Scan# 1357
Delta R.T. -0.000 min
Lab File: BF143414.D
Acq: 15 Aug 2025 12:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



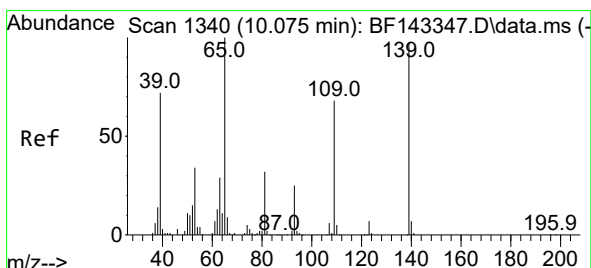
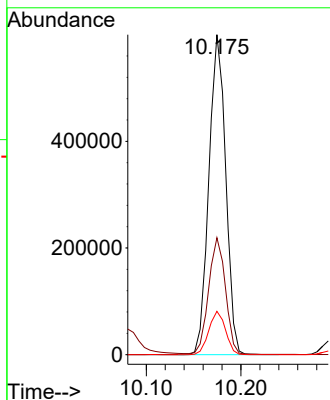
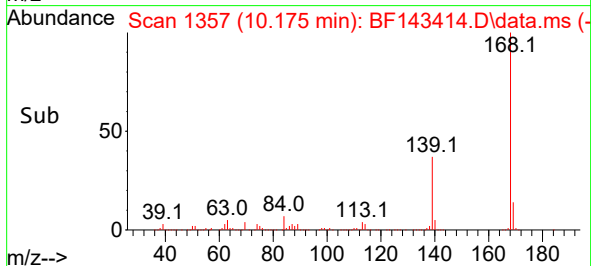
Tgt Ion:168 Resp: 737792
Ion Ratio Lower Upper
168 100
139 36.5 29.4 44.0
169 13.5 11.0 16.6

Manual Integrations

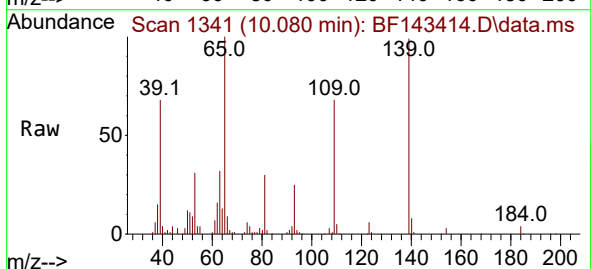
APPROVED

Reviewed By :Rahul Chavli 08/15/2025

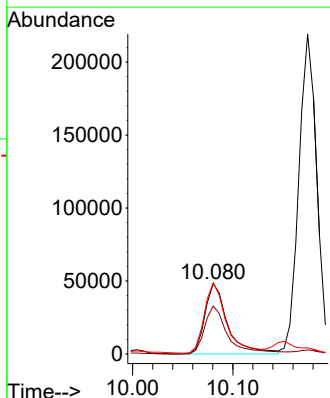
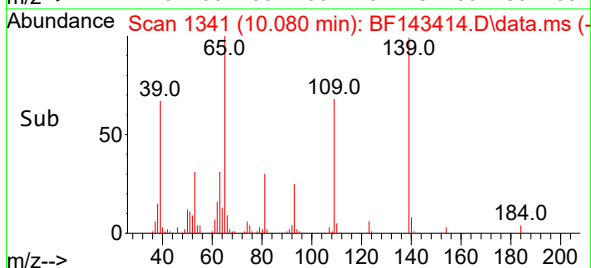
Supervised By :Jagrut Upadhyay 08/15/2025

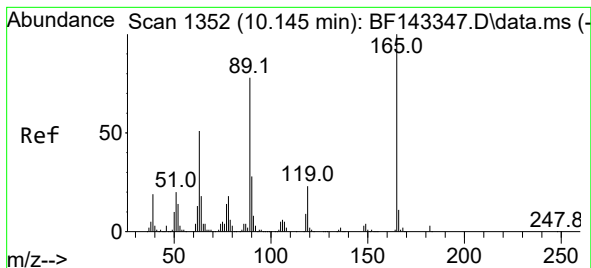


#56
4-Nitrophenol
Concen: 30.958 ng
RT: 10.080 min Scan# 1341
Delta R.T. 0.005 min
Lab File: BF143414.D
Acq: 15 Aug 2025 12:45



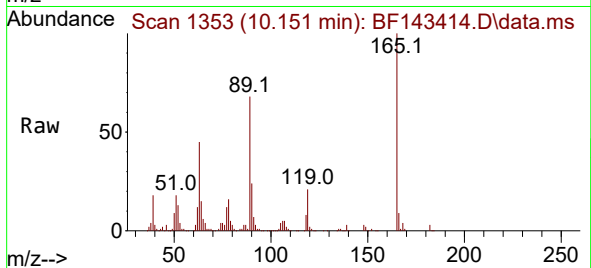
Tgt Ion:139 Resp: 75898
Ion Ratio Lower Upper
139 100
109 68.4 49.4 89.4
65 101.3 83.7 123.7





#57
2,4-Dinitrotoluene
Concen: 40.754 ng
RT: 10.151 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143414.D
Acq: 15 Aug 2025 12:45

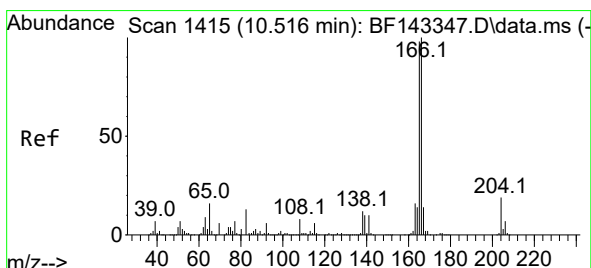
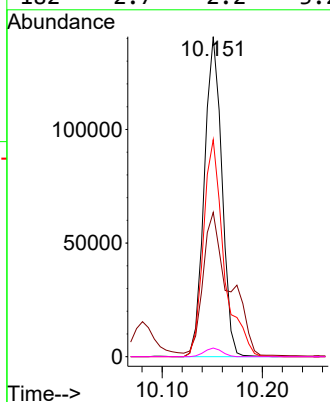
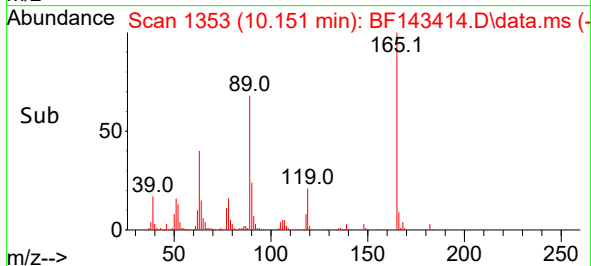
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



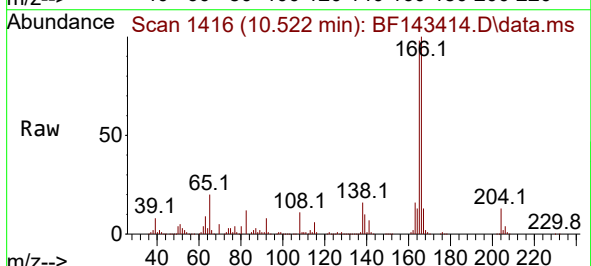
Tgt Ion:165 Resp: 17142
Ion Ratio Lower Upper
165 100
63 45.1 41.8 62.8
89 67.8 62.4 93.6
182 2.7 2.2 3.2

Manual Integrations
APPROVED

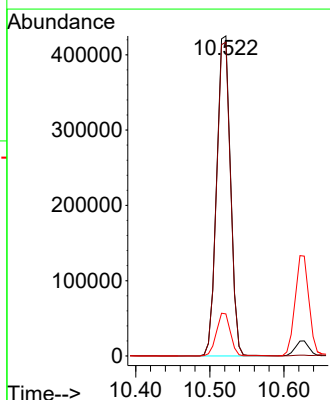
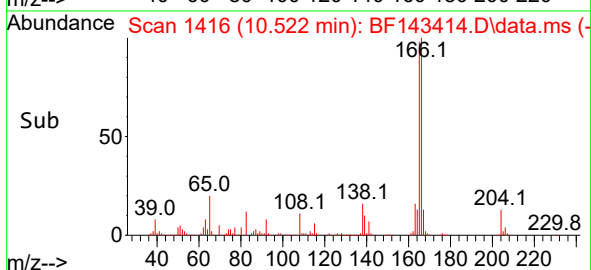
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

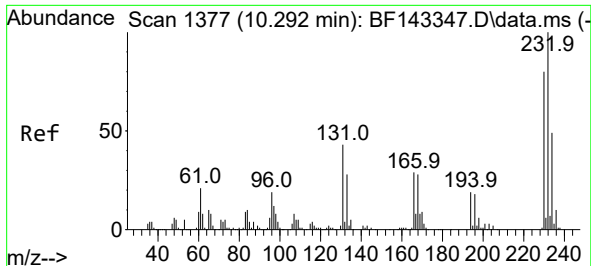


#58
Fluorene
Concen: 32.317 ng
RT: 10.522 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF143414.D
Acq: 15 Aug 2025 12:45



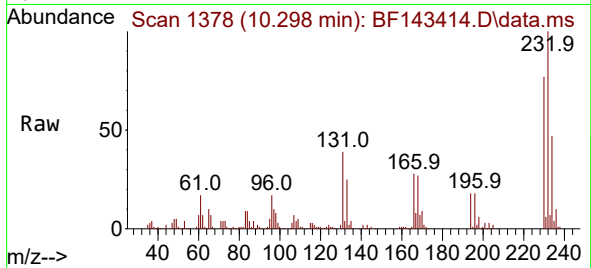
Tgt Ion:166 Resp: 551057
Ion Ratio Lower Upper
166 100
165 98.0 78.2 117.4
167 13.1 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 38.636 ng
RT: 10.298 min Scan# 1377
Delta R.T. 0.006 min
Lab File: BF143414.D
Acq: 15 Aug 2025 12:45

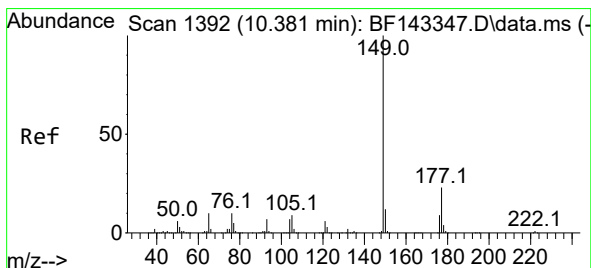
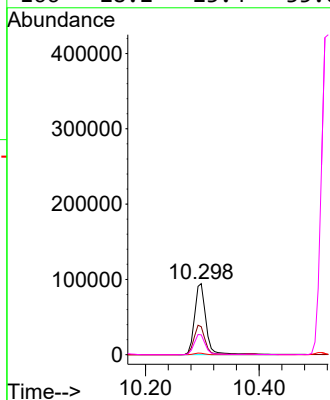
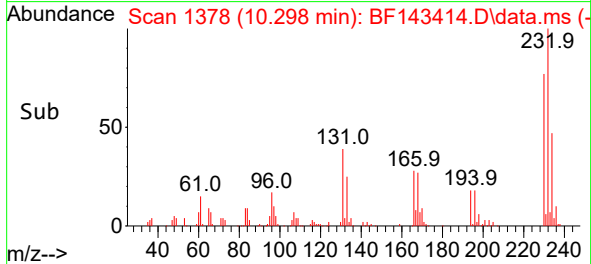
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



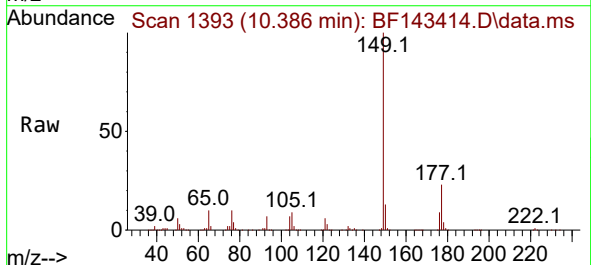
Tgt Ion:232 Resp: 132484
Ion Ratio Lower Upper
232 100
131 40.6 34.6 51.8
130 1.9 1.7 2.5
166 28.2 23.4 35.0

Manual Integrations
APPROVED

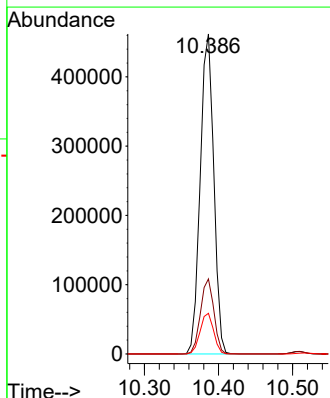
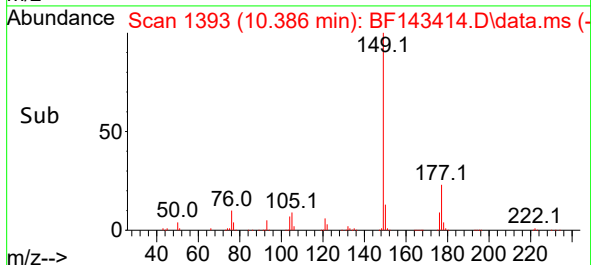
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

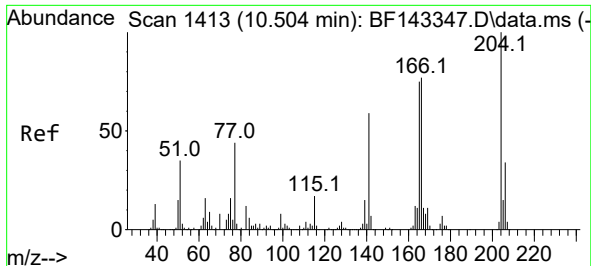


#60
Diethylphthalate
Concen: 38.608 ng
RT: 10.386 min Scan# 1393
Delta R.T. 0.006 min
Lab File: BF143414.D
Acq: 15 Aug 2025 12:45



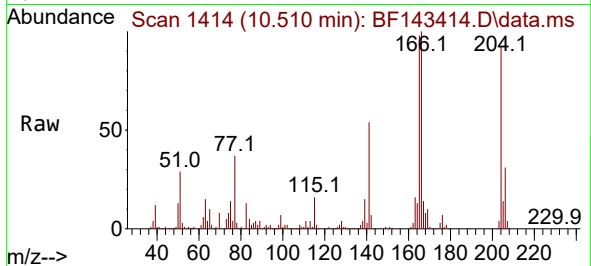
Tgt Ion:149 Resp: 586261
Ion Ratio Lower Upper
149 100
177 23.4 18.2 27.2
150 12.7 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 34.550 ng
RT: 10.510 min Scan# 1413
Delta R.T. 0.006 min
Lab File: BF143414.D
Acq: 15 Aug 2025 12:45

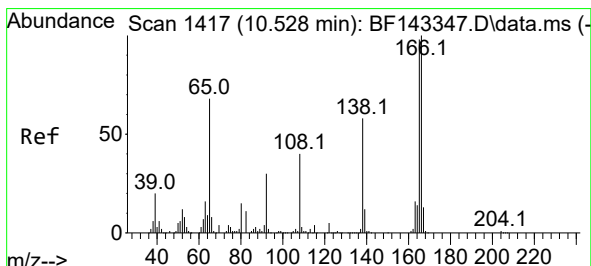
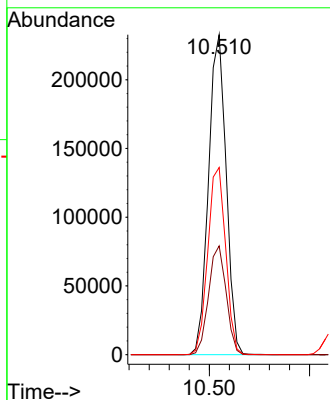
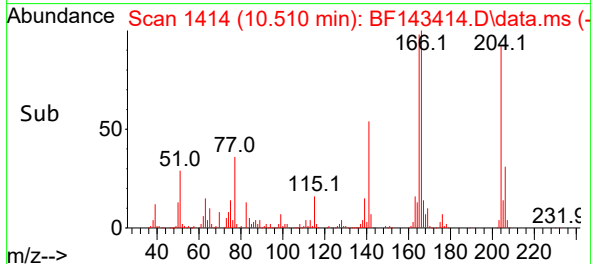
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



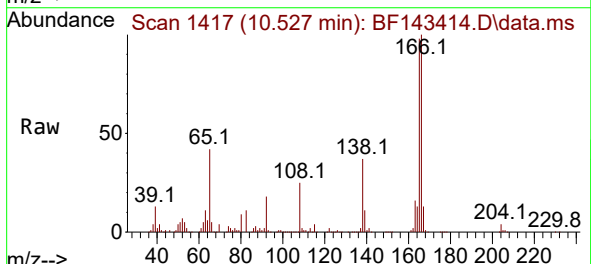
Tgt Ion:204 Resp: 284659
Ion Ratio Lower Upper
204 100
206 34.0 27.4 41.2
141 58.5 46.9 70.3

Manual Integrations
APPROVED

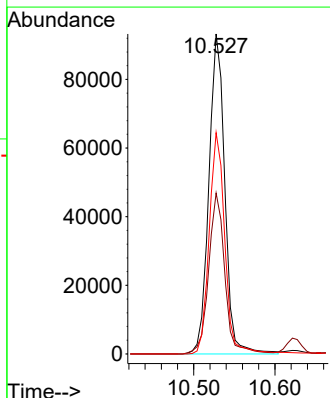
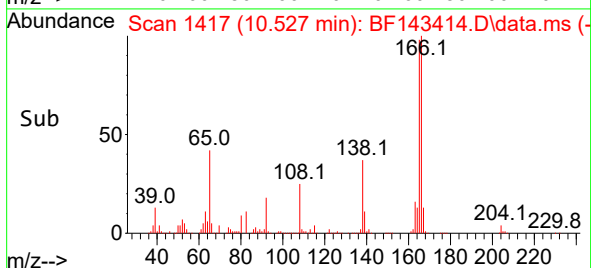
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

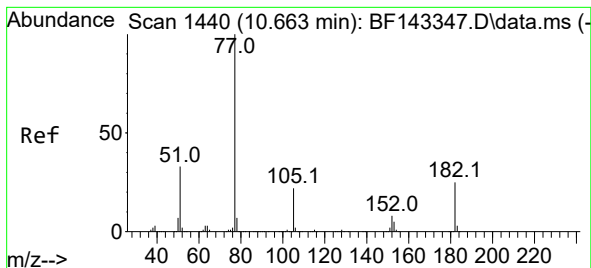


#62
4-Nitroaniline
Concen: 37.893 ng
RT: 10.527 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF143414.D
Acq: 15 Aug 2025 12:45



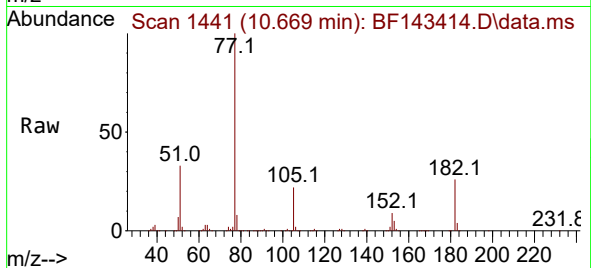
Tgt Ion:138 Resp: 127282
Ion Ratio Lower Upper
138 100
92 50.3 31.2 71.2
108 69.1 48.1 88.1





#63
Azobenzene
Concen: 32.483 ng
RT: 10.669 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF143414.D
Acq: 15 Aug 2025 12:45

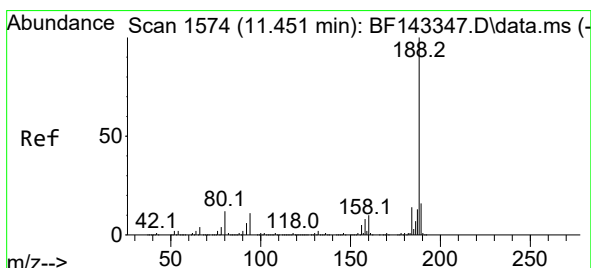
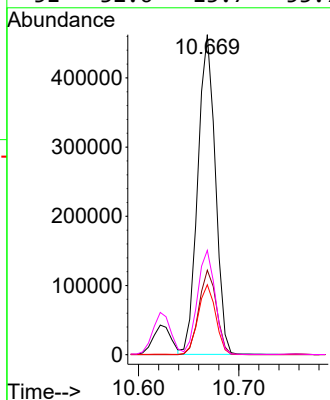
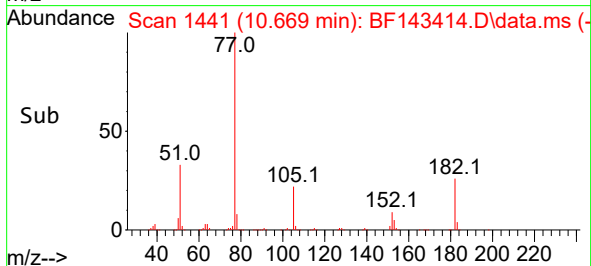
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



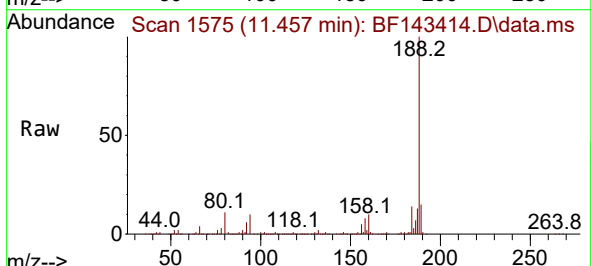
Tgt Ion: 77 Resp: 563404
Ion Ratio Lower Upper
77 100
182 26.4 4.4 44.4
105 21.8 1.8 41.8
51 32.6 13.7 53.7

Manual Integrations
APPROVED

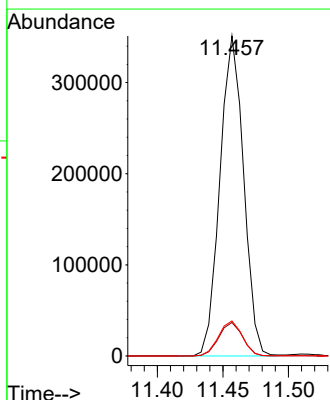
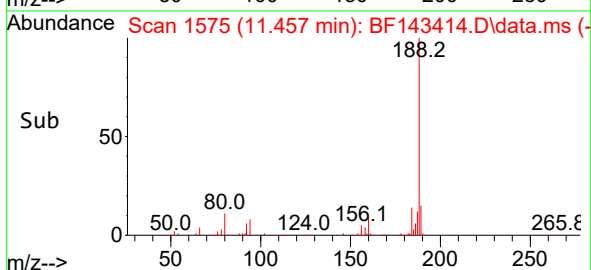
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

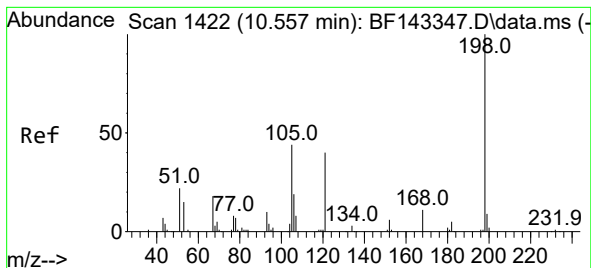


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1575
Delta R.T. 0.006 min
Lab File: BF143414.D
Acq: 15 Aug 2025 12:45



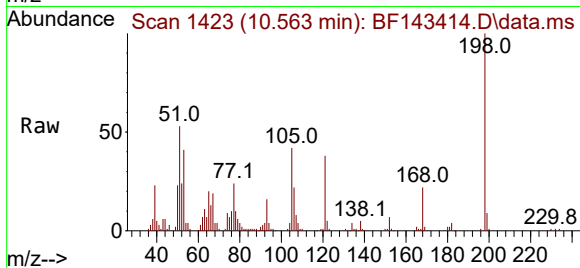
Tgt Ion:188 Resp: 440724
Ion Ratio Lower Upper
188 100
94 10.5 8.8 13.2
80 11.0 9.7 14.5





#65
4,6-Dinitro-2-methylphenol
Concen: 33.921 ng
RT: 10.563 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF143414.D
Acq: 15 Aug 2025 12:45

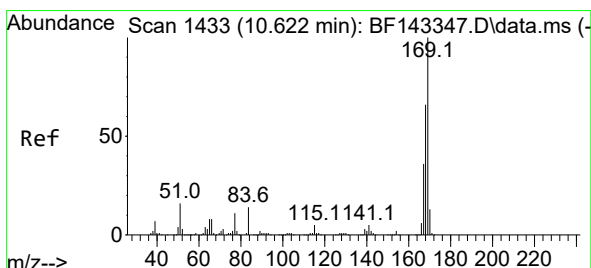
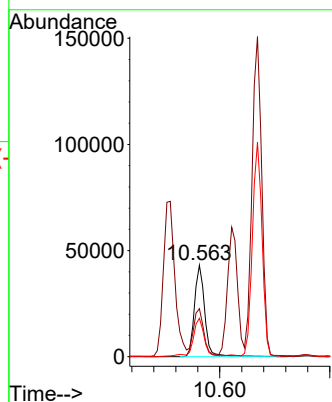
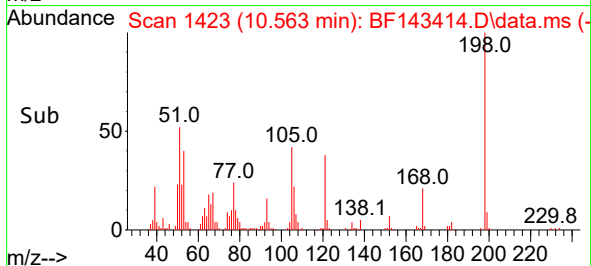
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:198 Resp: 56010
Ion Ratio Lower Upper
198 100
51 52.5 41.7 81.7
105 42.0 26.8 66.8

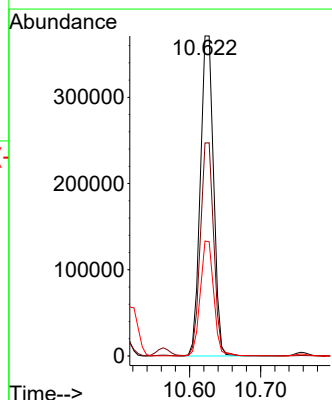
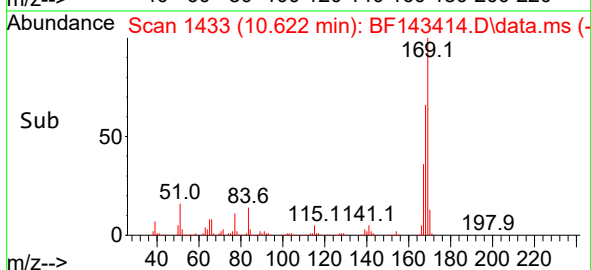
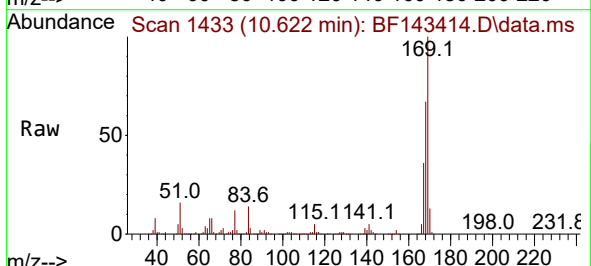
Manual Integrations
APPROVED

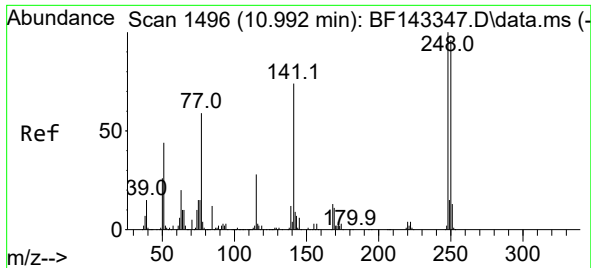
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#66
n-Nitrosodiphenylamine
Concen: 33.283 ng
RT: 10.622 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF143414.D
Acq: 15 Aug 2025 12:45

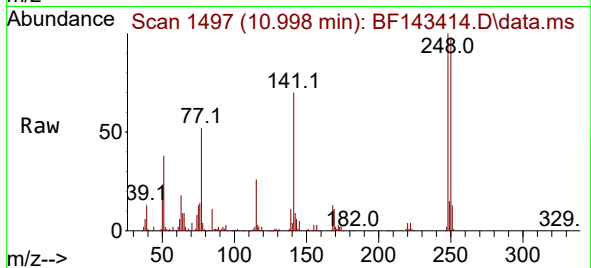
Tgt Ion:169 Resp: 483005
Ion Ratio Lower Upper
169 100
168 66.5 52.7 79.1
167 35.9 28.6 42.8





#67
4-Bromophenyl-phenylether
Concen: 35.127 ng
RT: 10.998 min Scan# 1496
Delta R.T. 0.006 min
Lab File: BF143414.D
Acq: 15 Aug 2025 12:45

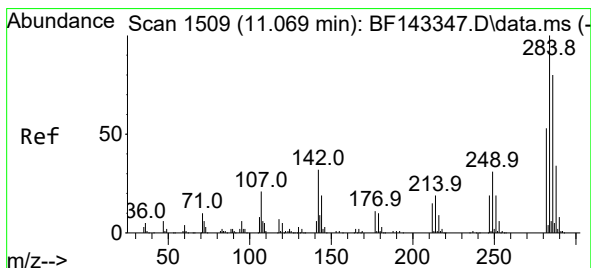
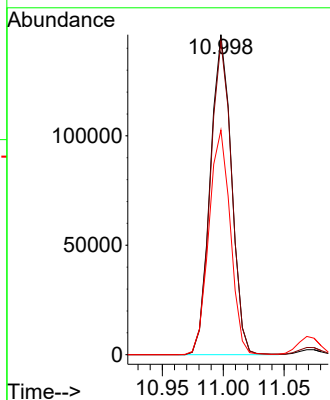
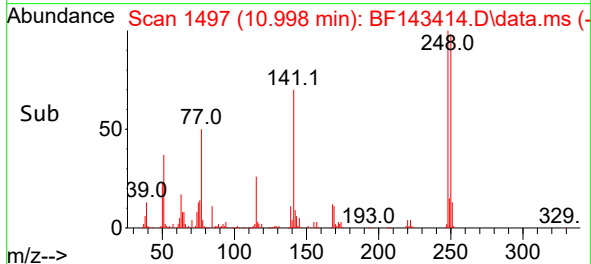
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



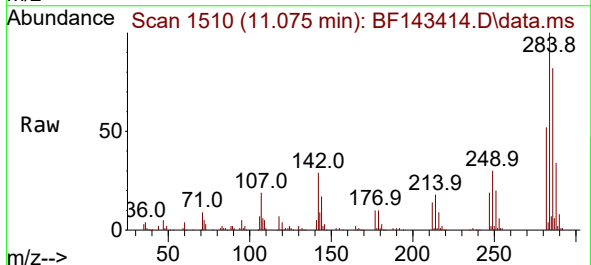
Tgt Ion:248 Resp: 177054
Ion Ratio Lower Upper
248 100
250 97.9 77.1 115.7
141 70.2 59.1 88.7

Manual Integrations
APPROVED

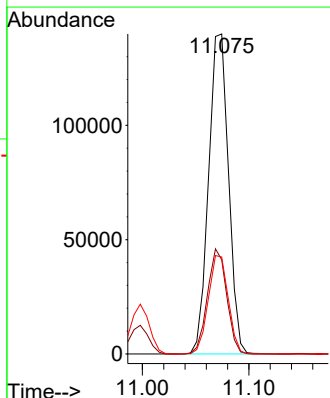
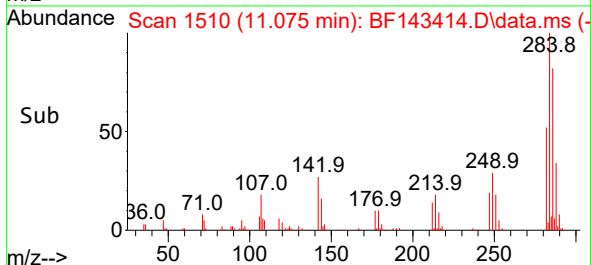
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

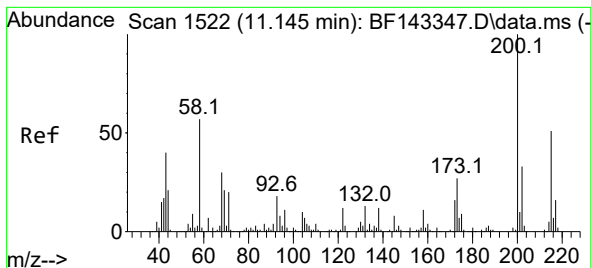


#68
Hexachlorobenzene
Concen: 33.541 ng
RT: 11.075 min Scan# 1510
Delta R.T. 0.006 min
Lab File: BF143414.D
Acq: 15 Aug 2025 12:45



Tgt Ion:284 Resp: 182234
Ion Ratio Lower Upper
284 100
142 29.4 25.7 38.5
249 30.3 24.6 37.0





#69

Atrazine

Concen: 42.966 ng

RT: 11.151 min Scan# 1523

Delta R.T. 0.006 min

Lab File: BF143414.D

Acq: 15 Aug 2025 12:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:200 Resp: 16262

Ion Ratio Lower Upper

200 100

173 26.4 6.6 46.6

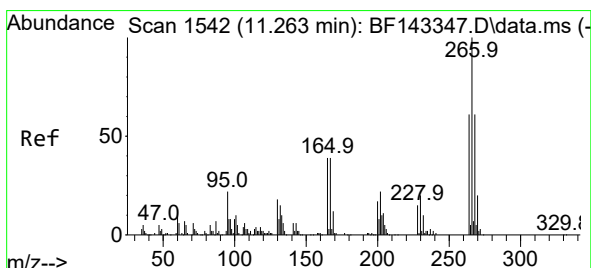
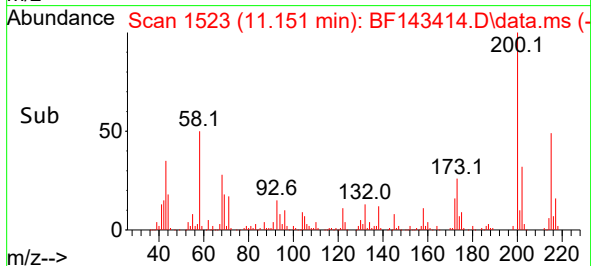
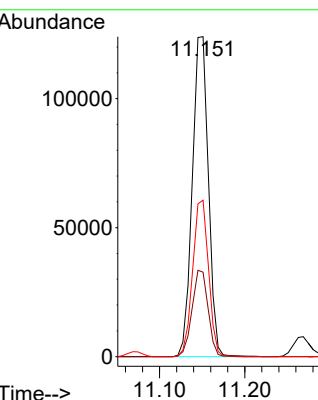
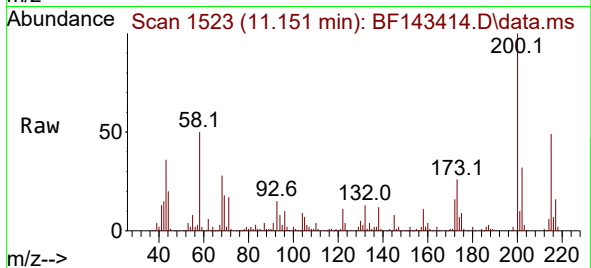
215 48.9 30.6 70.6

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#70

Pentachlorophenol

Concen: 31.527 ng

RT: 11.269 min Scan# 1543

Delta R.T. 0.006 min

Lab File: BF143414.D

Acq: 15 Aug 2025 12:45

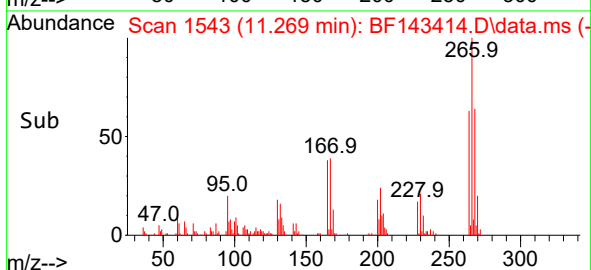
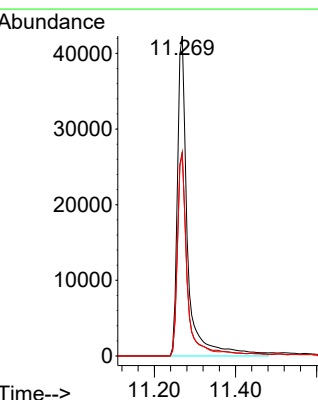
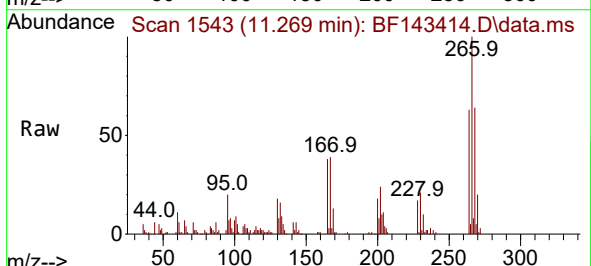
Tgt Ion:266 Resp: 73538

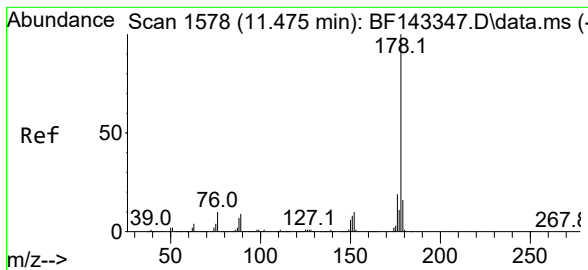
Ion Ratio Lower Upper

266 100

268 63.7 48.8 73.2

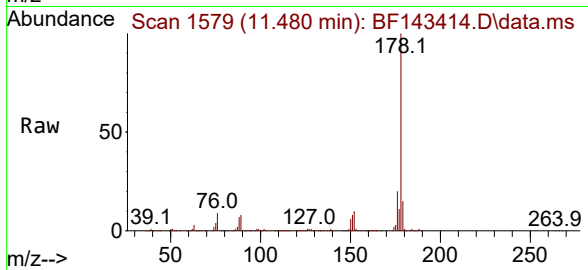
264 62.9 48.8 73.2





#71
Phenanthrene
Concen: 32.064 ng
RT: 11.480 min Scan# 1578
Delta R.T. 0.006 min
Lab File: BF143414.D
Acq: 15 Aug 2025 12:45

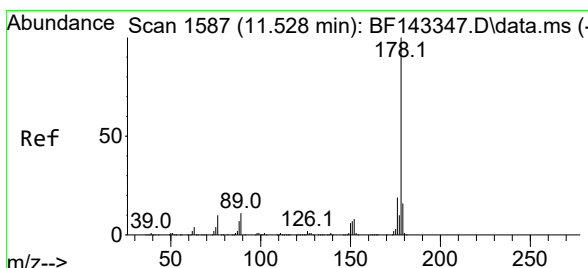
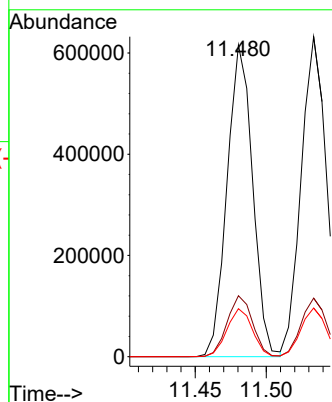
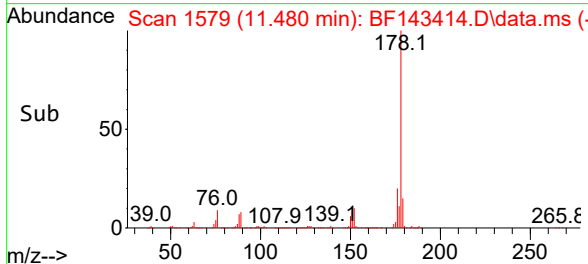
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:178 Resp: 770997
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 15.4 12.5 18.7

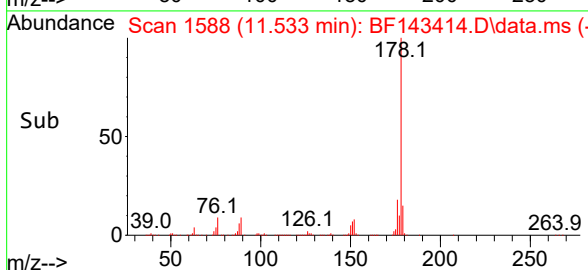
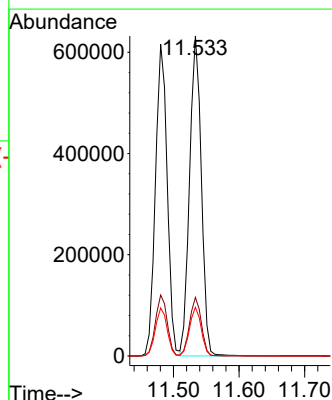
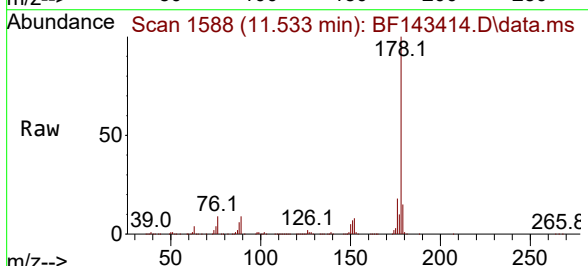
Manual Integrations
APPROVED

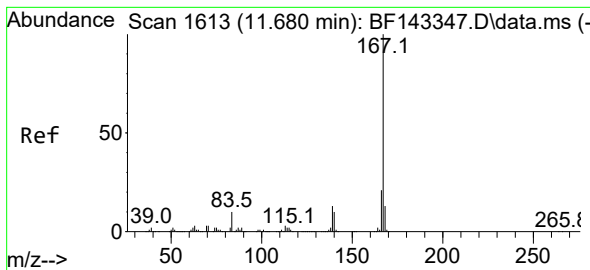
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#72
Anthracene
Concen: 32.187 ng
RT: 11.533 min Scan# 1588
Delta R.T. 0.006 min
Lab File: BF143414.D
Acq: 15 Aug 2025 12:45

Tgt Ion:178 Resp: 784923
Ion Ratio Lower Upper
178 100
176 18.3 15.1 22.7
179 15.2 12.7 19.1





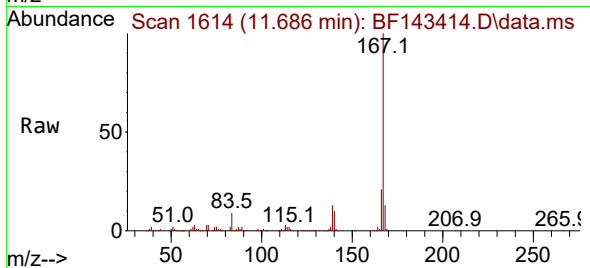
#73
 Carbazole
 Concen: 31.538 ng
 RT: 11.686 min Scan# 1614
 Delta R.T. 0.006 min
 Lab File: BF143414.D
 Acq: 15 Aug 2025 12:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



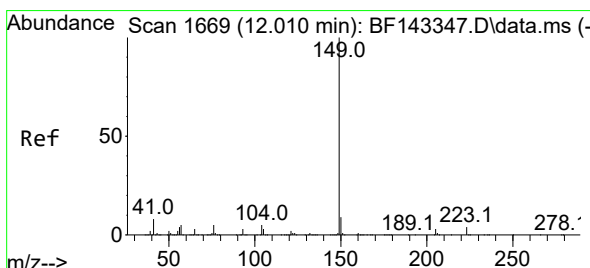
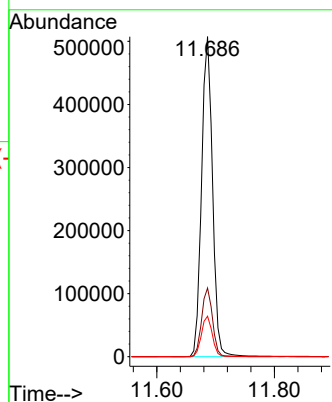
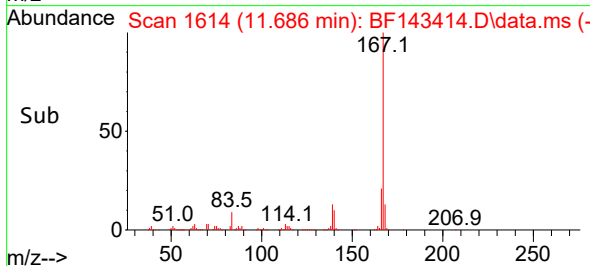
Tgt Ion:167 Resp: 654998
 Ion Ratio Lower Upper
 167 100
 166 21.5 16.8 25.2
 139 12.6 10.2 15.2

Manual Integrations

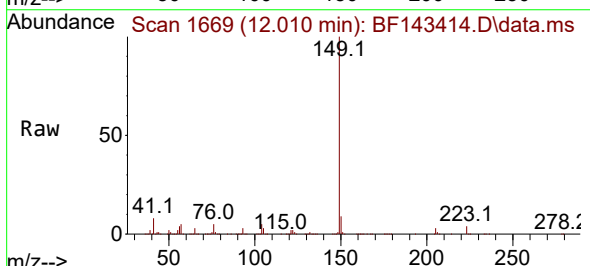
APPROVED

Reviewed By :Rahul Chavli 08/15/2025

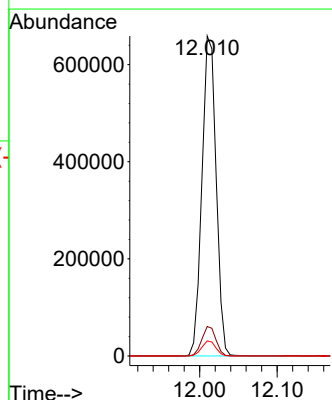
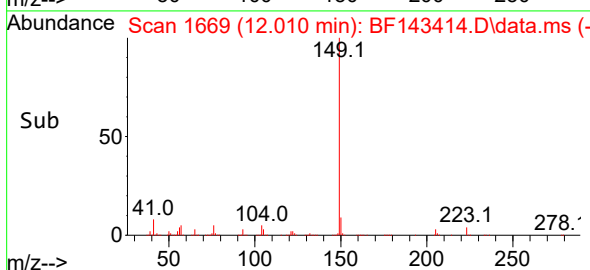
Supervised By :Jagrut Upadhyay 08/15/2025

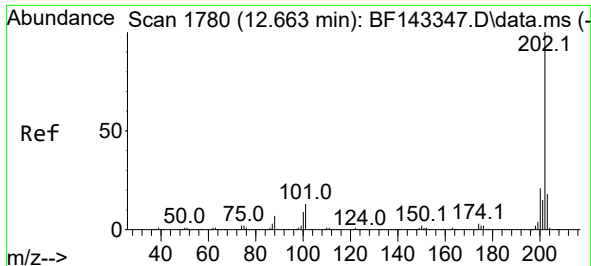


#74
 Di-n-butylphthalate
 Concen: 47.674 ng
 RT: 12.010 min Scan# 1669
 Delta R.T. -0.000 min
 Lab File: BF143414.D
 Acq: 15 Aug 2025 12:45



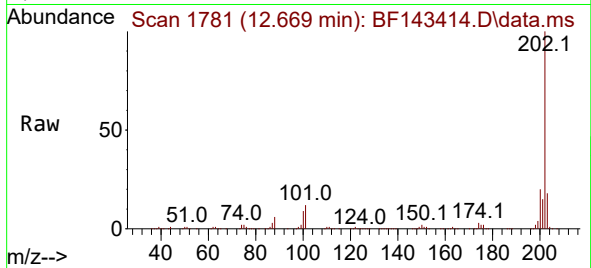
Tgt Ion:149 Resp: 837836
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 4.7 3.8 5.8





#75
Fluoranthene
Concen: 31.484 ng
RT: 12.669 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143414.D
Acq: 15 Aug 2025 12:45

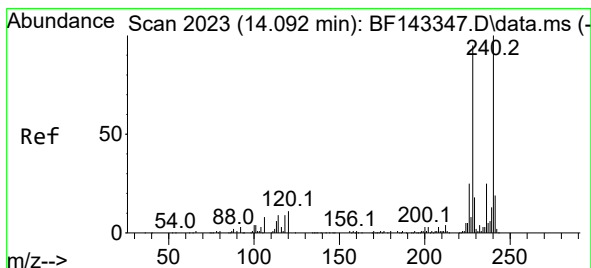
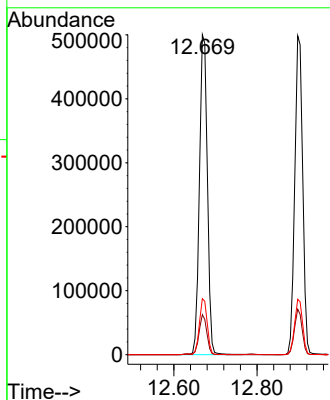
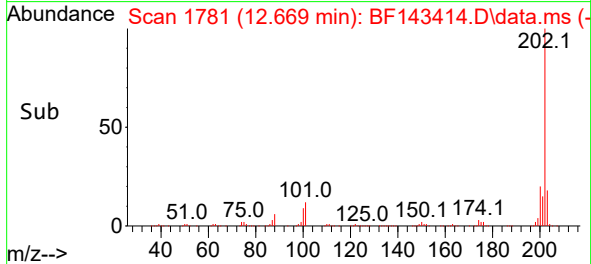
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:202 Resp: 663149
Ion Ratio Lower Upper
202 100
101 12.5 0.0 33.2
203 17.5 0.0 37.6

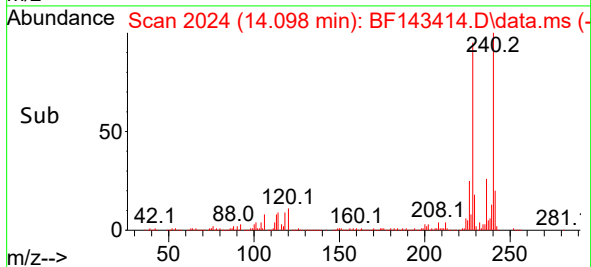
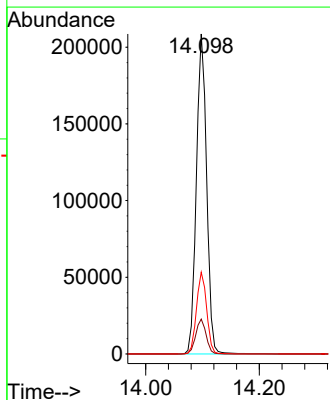
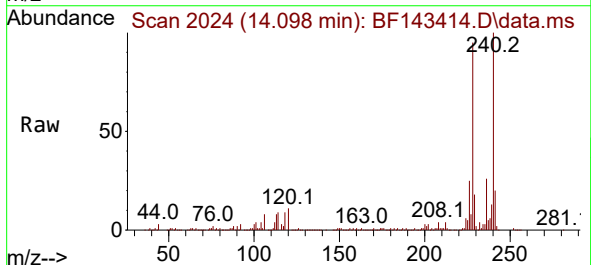
Manual Integrations
APPROVED

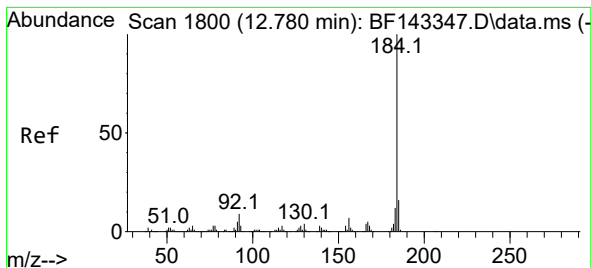
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2024
Delta R.T. 0.006 min
Lab File: BF143414.D
Acq: 15 Aug 2025 12:45

Tgt Ion:240 Resp: 263251
Ion Ratio Lower Upper
240 100
120 10.9 9.0 13.6
236 25.5 19.9 29.9





#77

Benzidine

Concen: 35.412 ng

RT: 12.786 min Scan# 1800

Delta R.T. 0.006 min

Lab File: BF143414.D

Acq: 15 Aug 2025 12:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:184 Resp: 254862

Ion Ratio Lower Upper

184 100

185 15.0 12.8 19.2

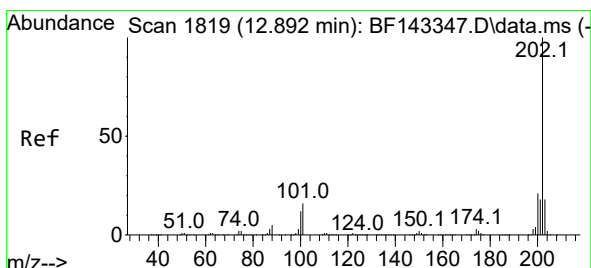
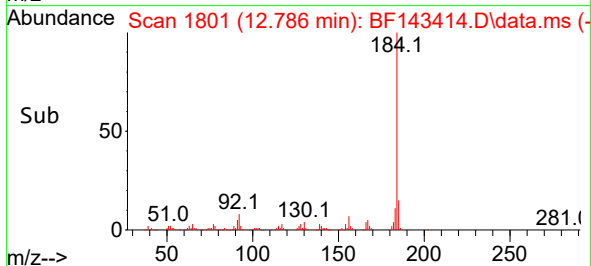
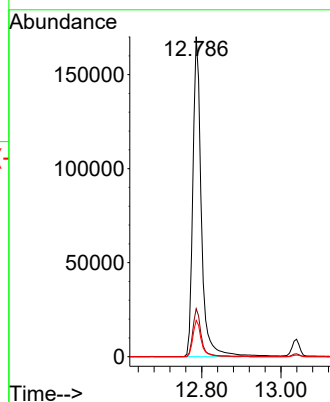
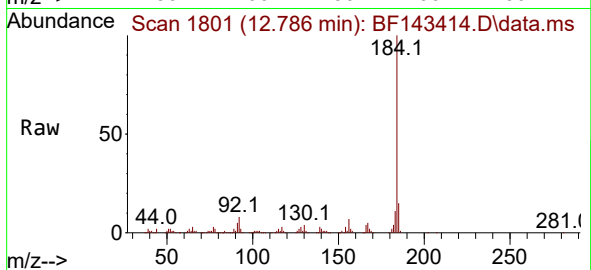
183 11.4 9.3 13.9

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#78

Pyrene

Concen: 29.850 ng

RT: 12.898 min Scan# 1820

Delta R.T. 0.006 min

Lab File: BF143414.D

Acq: 15 Aug 2025 12:45

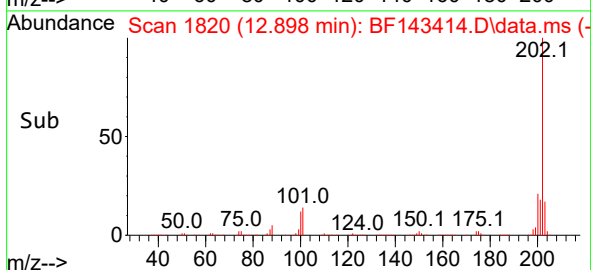
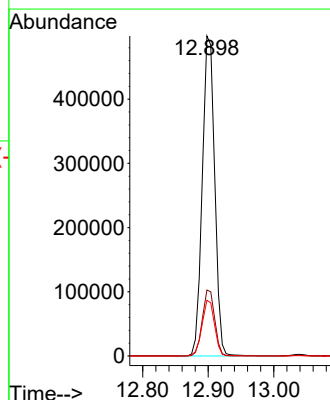
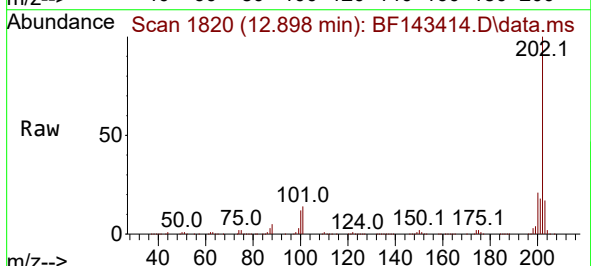
Tgt Ion:202 Resp: 659217

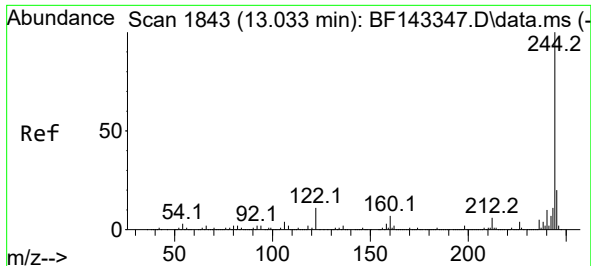
Ion Ratio Lower Upper

202 100

200 20.6 16.8 25.2

203 17.4 14.2 21.4





#79
 Terphenyl-d14
 Concen: 65.816 ng
 RT: 13.039 min Scan# 1843
 Delta R.T. 0.006 min
 Lab File: BF143414.D
 Acq: 15 Aug 2025 12:45

Instrument :

BNA_F

ClientSampleId :

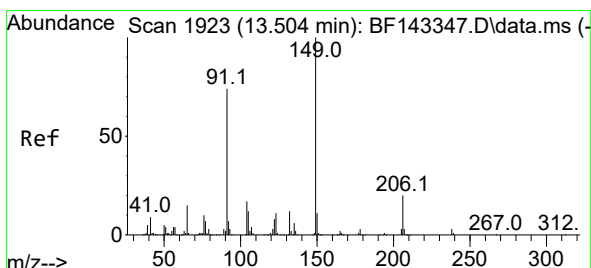
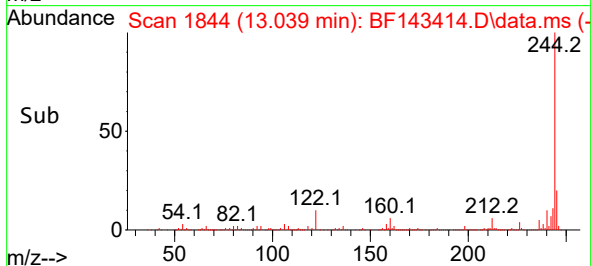
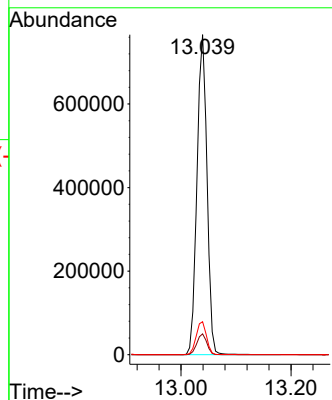
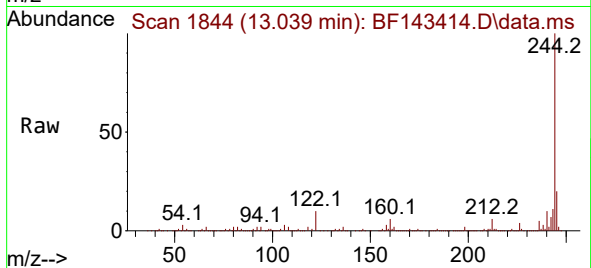
SSTDCCC040EC

Tgt Ion:244 Resp: 970470
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 10.3 8.9 13.3

Manual Integrations

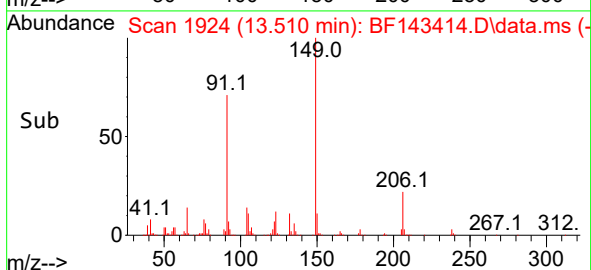
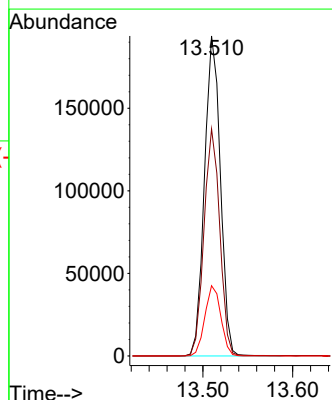
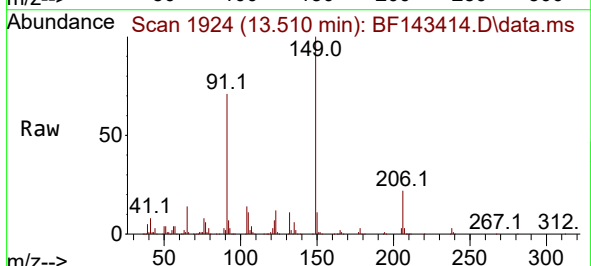
APPROVED

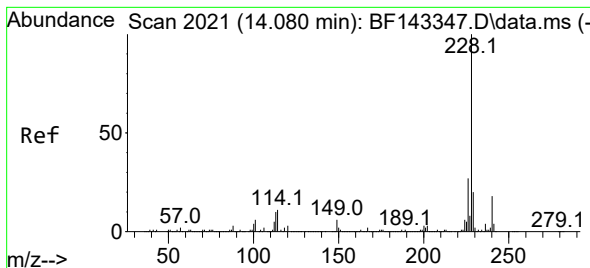
Reviewed By :Rahul Chavli 08/15/2025
 Supervised By :Jagrut Upadhyay 08/15/2025



#80
 Butylbenzylphthalate
 Concen: 54.249 ng
 RT: 13.510 min Scan# 1924
 Delta R.T. 0.006 min
 Lab File: BF143414.D
 Acq: 15 Aug 2025 12:45

Tgt Ion:149 Resp: 238799
 Ion Ratio Lower Upper
 149 100
 91 70.9 58.8 88.2
 206 21.9 16.4 24.6





#81

Benzo(a)anthracene

Concen: 32.070 ng

RT: 14.086 min Scan# 2015

Delta R.T. 0.006 min

Lab File: BF143414.D

Acq: 15 Aug 2025 12:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:228 Resp: 53660

Ion Ratio Lower Upper

228 100

226 26.6 22.0 33.0

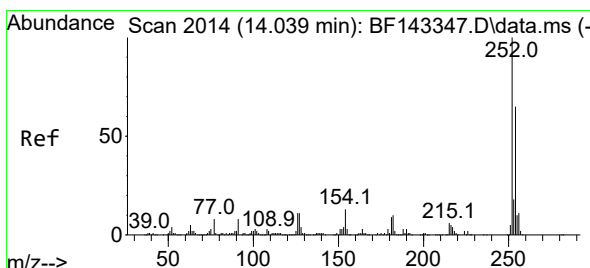
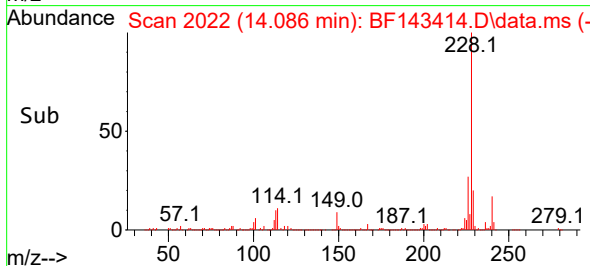
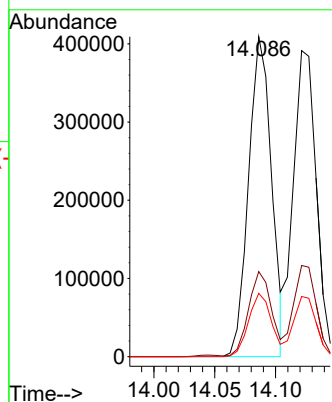
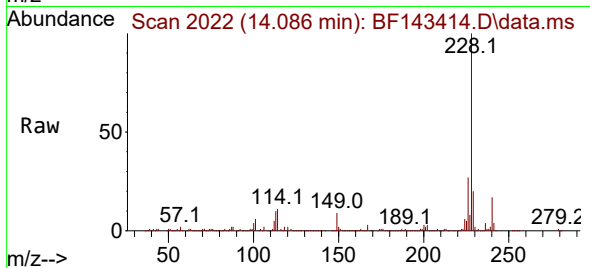
229 19.8 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#82

3,3'-Dichlorobenzidine

Concen: 38.596 ng

RT: 14.045 min Scan# 2015

Delta R.T. 0.006 min

Lab File: BF143414.D

Acq: 15 Aug 2025 12:45

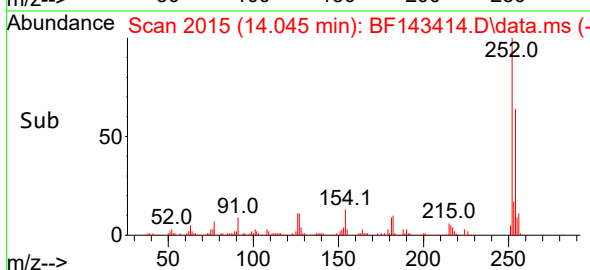
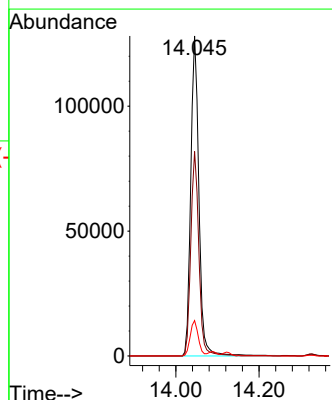
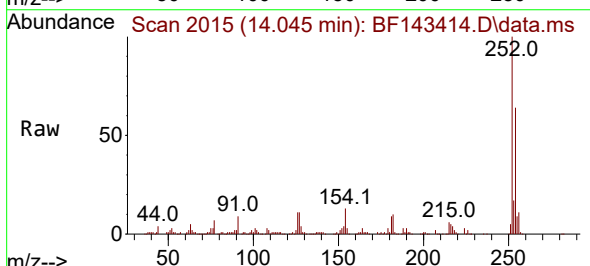
Tgt Ion:252 Resp: 174378

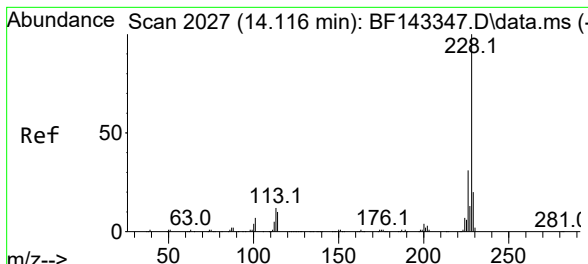
Ion Ratio Lower Upper

252 100

254 63.9 51.7 77.5

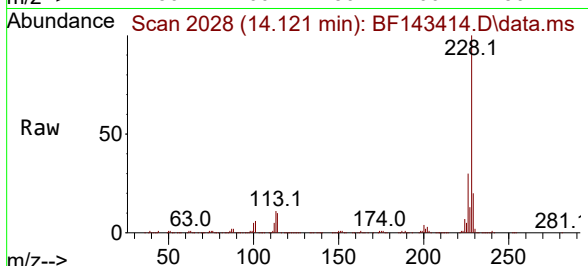
126 11.0 9.2 13.8





#83
 Chrysene
 Concen: 33.206 ng
 RT: 14.121 min Scan# 2028
 Delta R.T. 0.006 min
 Lab File: BF143414.D
 Acq: 15 Aug 2025 12:45

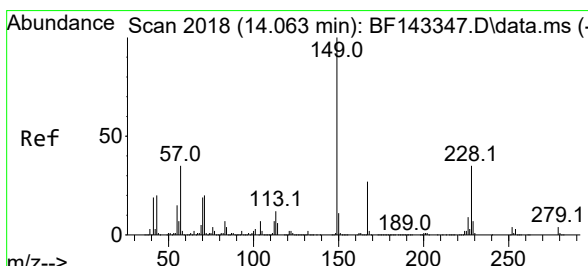
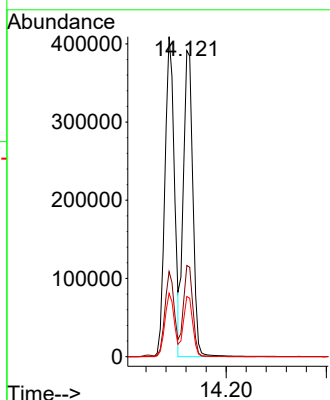
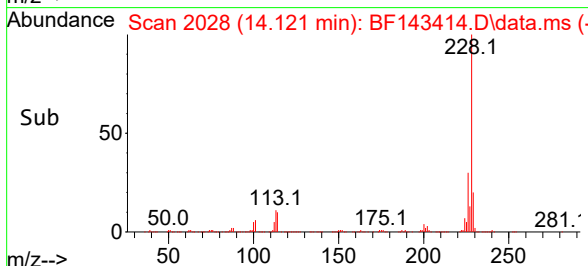
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC



Tgt Ion:228 Resp: 518068
 Ion Ratio Lower Upper
 228 100
 226 29.8 24.2 36.2
 229 19.7 15.8 23.6

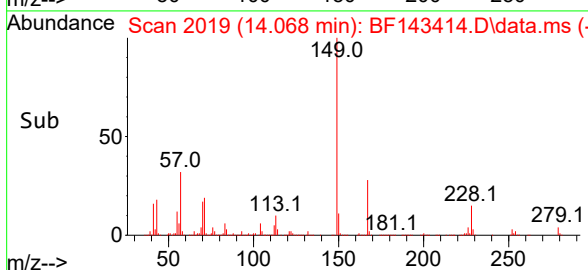
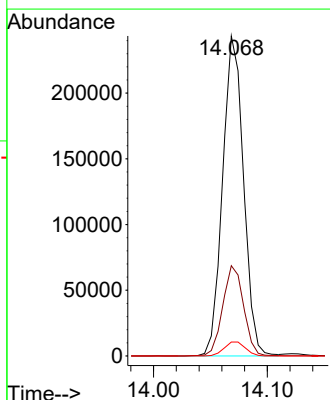
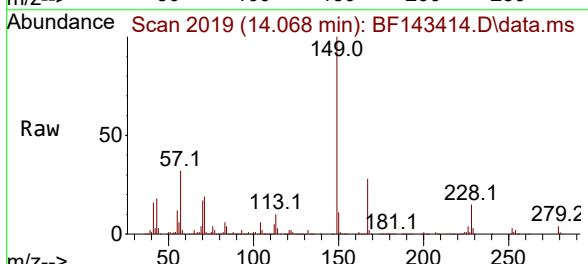
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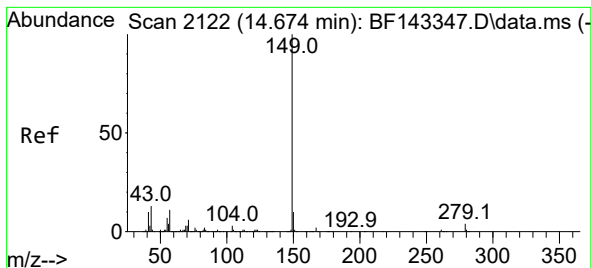
Reviewed By :Rahul Chavli 08/15/2025
 Supervised By :Jagrut Upadhyay 08/15/2025



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.477 ng
 RT: 14.068 min Scan# 2019
 Delta R.T. 0.005 min
 Lab File: BF143414.D
 Acq: 15 Aug 2025 12:45

Tgt Ion:149 Resp: 311459
 Ion Ratio Lower Upper
 149 100
 167 28.2 21.4 32.0
 279 4.3 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 43.223 ng

RT: 14.686 min Scan# 2122

Delta R.T. 0.012 min

Lab File: BF143414.D

Acq: 15 Aug 2025 12:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:149 Resp: 54364

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

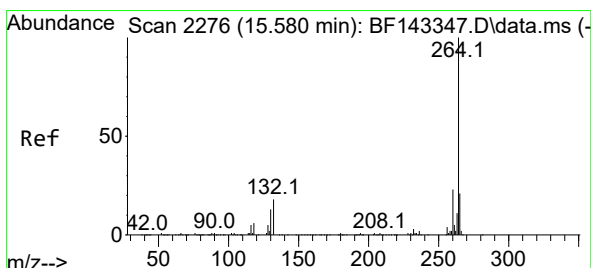
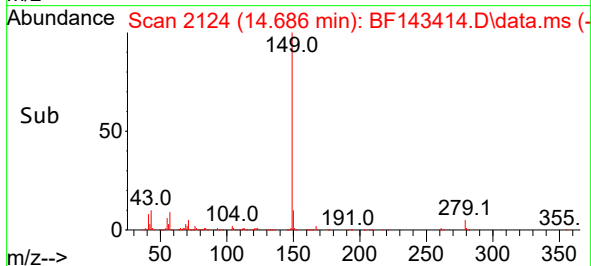
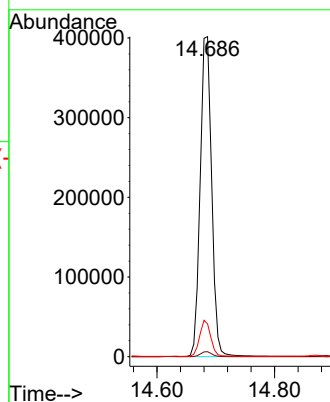
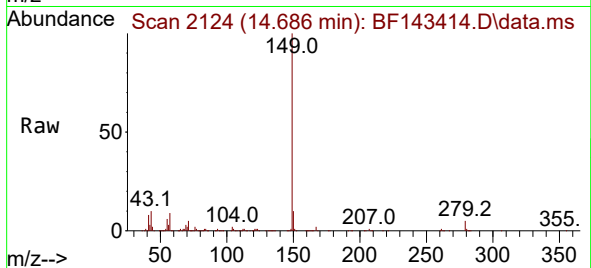
43 10.8 10.8 16.2

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APPROVED

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: BF143414.D

Acq: 15 Aug 2025 12:45

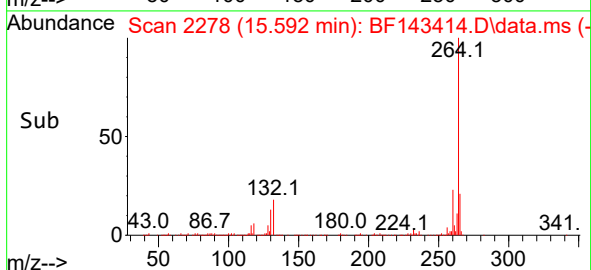
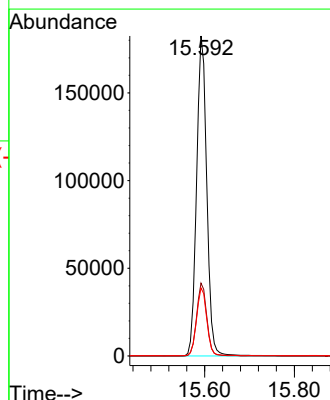
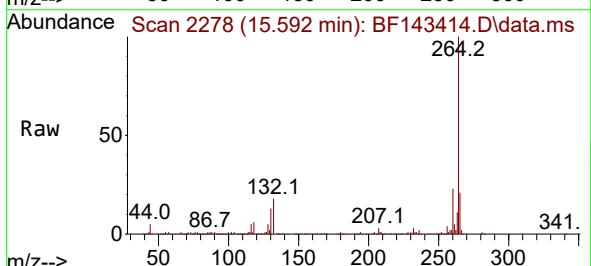
Tgt Ion:264 Resp: 287708

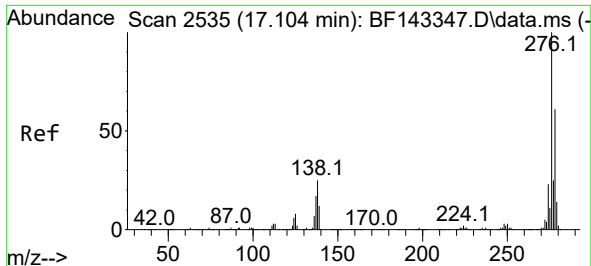
Ion Ratio Lower Upper

264 100

260 22.7 18.7 28.1

265 21.2 17.2 25.8





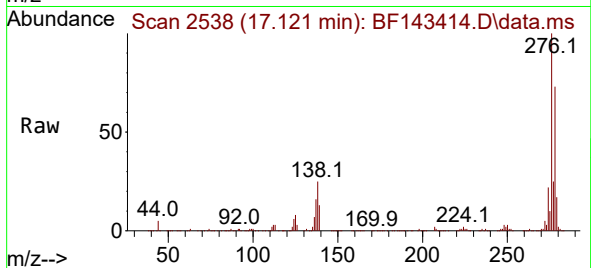
#87
Indeno(1,2,3-cd)pyrene
Concen: 25.053 ng
RT: 17.121 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF143414.D
Acq: 15 Aug 2025 12:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

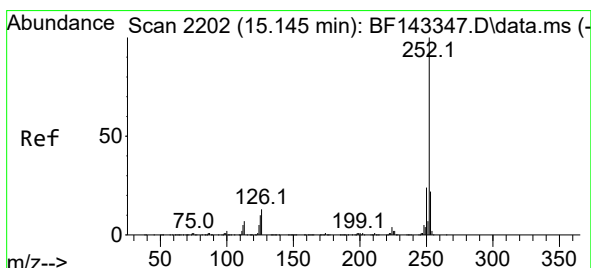
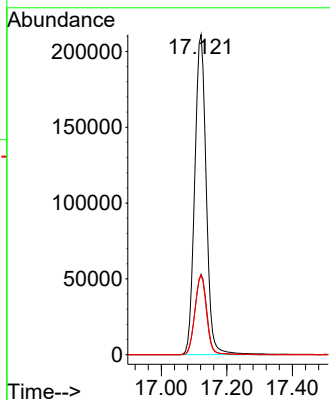
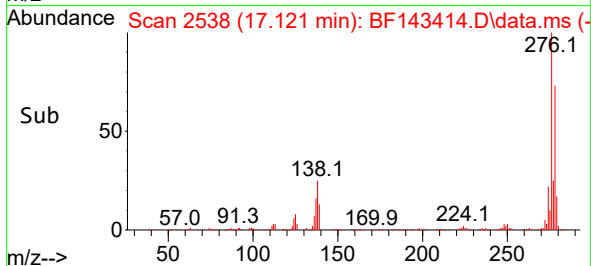


Tgt Ion:276 Resp: 516402
Ion Ratio Lower Upper
276 100
138 25.8 21.1 31.7
277 25.0 20.2 30.2

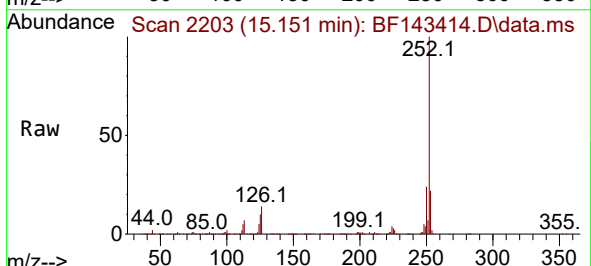
Manual Integrations

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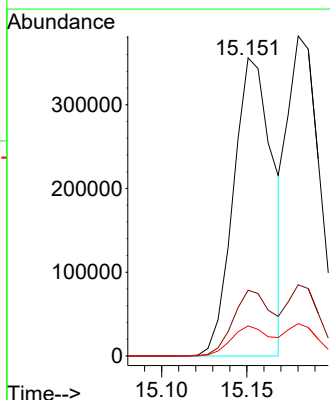
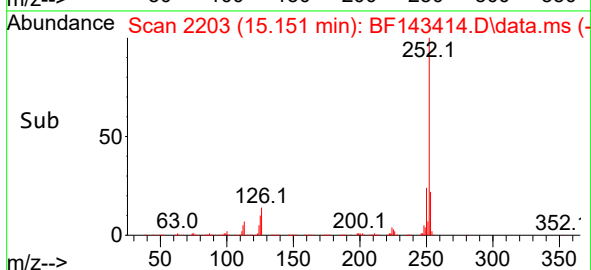
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

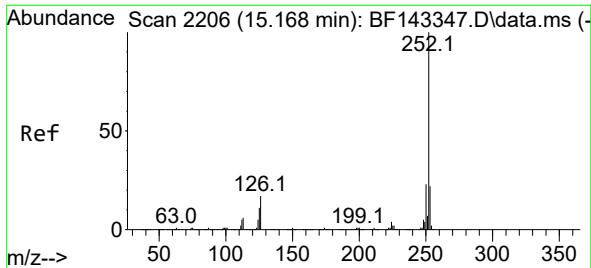


#88
Benzo(b)fluoranthene
Concen: 36.155 ng
RT: 15.151 min Scan# 2203
Delta R.T. 0.006 min
Lab File: BF143414.D
Acq: 15 Aug 2025 12:45



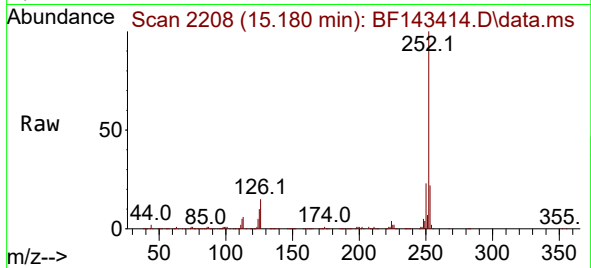
Tgt Ion:252 Resp: 568955
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 10.1 7.8 11.6





#89
Benzo(k)fluoranthene
Concen: 33.108 ng
RT: 15.180 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF143414.D
Acq: 15 Aug 2025 12:45

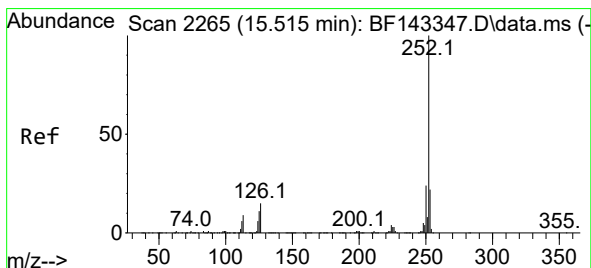
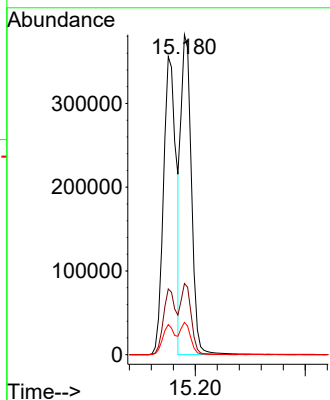
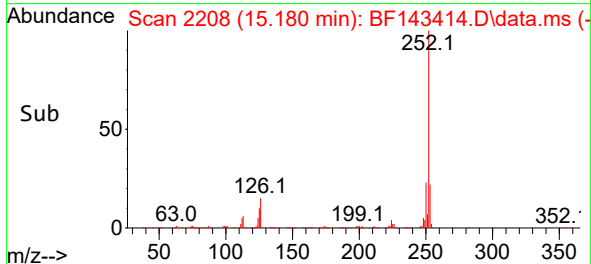
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



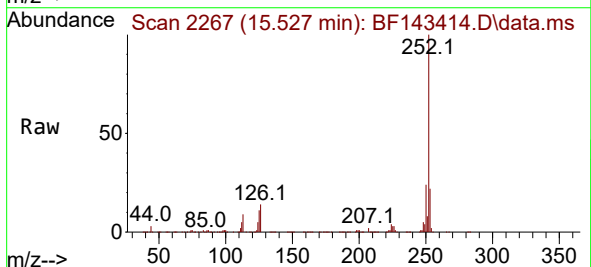
Tgt Ion:252 Resp: 50625
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 10.1 8.4 12.6

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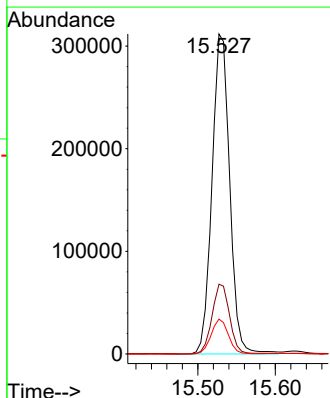
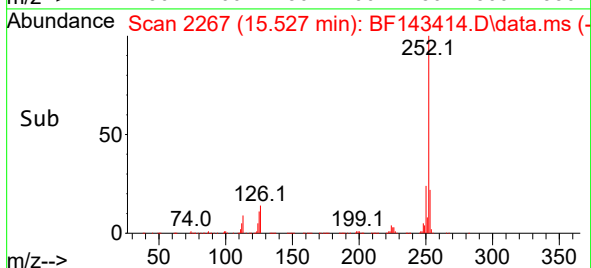
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

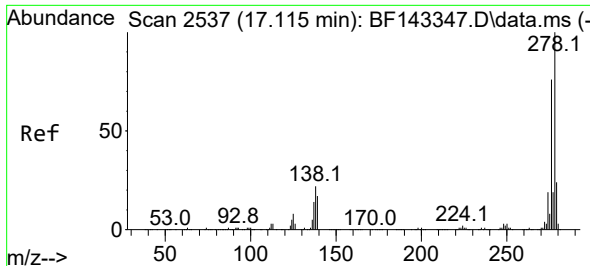


#90
Benzo(a)pyrene
Concen: 33.357 ng
RT: 15.527 min Scan# 2267
Delta R.T. 0.012 min
Lab File: BF143414.D
Acq: 15 Aug 2025 12:45



Tgt Ion:252 Resp: 494384
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 10.9 9.1 13.7





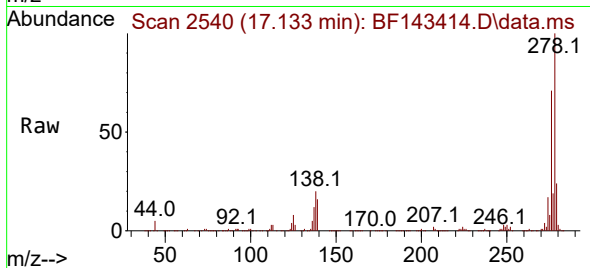
#91
Dibenzo(a,h)anthracene
Concen: 25.756 ng
RT: 17.133 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF143414.D
Acq: 15 Aug 2025 12:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

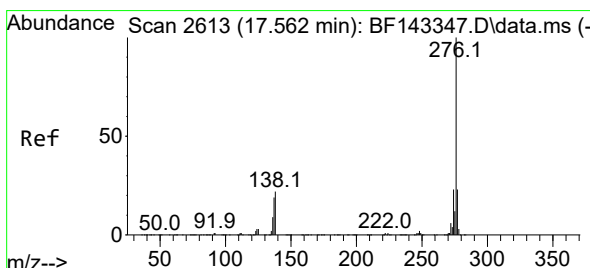
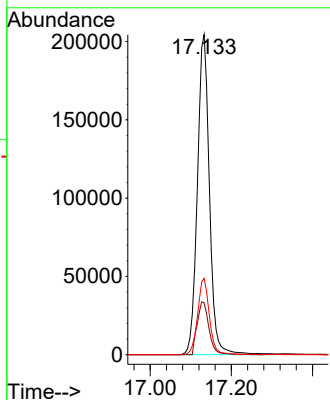
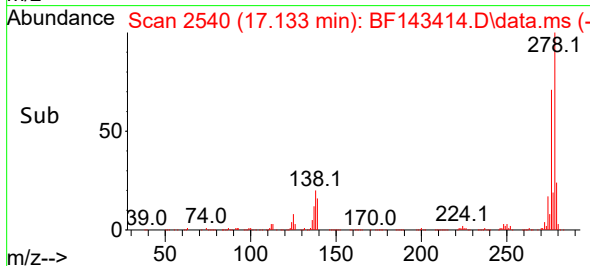


Tgt Ion:278 Resp: 42413
Ion Ratio Lower Upper
278 100
139 16.3 14.0 21.0
279 23.9 19.4 29.0

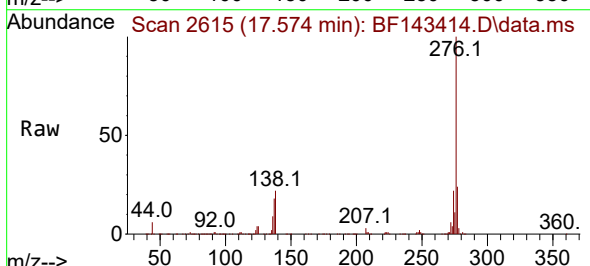
Manual Integrations

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



#92
Benzo(g,h,i)perylene
Concen: 22.931 ng
RT: 17.574 min Scan# 2615
Delta R.T. 0.012 min
Lab File: BF143414.D
Acq: 15 Aug 2025 12:45



Tgt Ion:276 Resp: 380387
Ion Ratio Lower Upper
276 100
277 23.7 18.7 28.1
138 22.3 17.8 26.8

