

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081325\
 Data File : BF143375.D
 Acq On : 13 Aug 2025 15:41
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/14/2025
 Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 13 16:25:29 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	6.928	152	142183	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	532547	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	280155	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	414161	20.000	ng	0.00
76) Chrysene-d12	14.092	240	311692	20.000	ng	0.00
86) Perylene-d12	15.580	264	380743	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	557941	67.858	ng	0.00
7) Phenol-d6	6.563	99	668602	63.411	ng	0.00
23) Nitrobenzene-d5	7.487	82	609217	71.239	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	153302	74.875	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1137493	68.852	ng	0.00
79) Terphenyl-d14	13.033	244	1060142	60.724	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.722	88	135272	31.794	ng	98
3) Pyridine	3.510	79	364965	32.190	ng	98
4) n-Nitrosodimethylamine	3.440	42	166866	31.595	ng	97
6) Aniline	6.593	93	466271	31.368	ng	98
8) 2-Chlorophenol	6.716	128	301320	34.297	ng	98
9) Benzaldehyde	6.481	77	220790	31.682	ng	99
10) Phenol	6.575	94	396137	31.714	ng	99
11) bis(2-Chloroethyl)ether	6.657	93	305052	33.137	ng	99
12) 1,3-Dichlorobenzene	6.875	146	336714	33.227	ng	99
13) 1,4-Dichlorobenzene	6.945	146	336314	33.067	ng	99
14) 1,2-Dichlorobenzene	7.098	146	321082	33.257	ng	99
15) Benzyl Alcohol	7.069	79	250963	33.205	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.198	45	552137	33.595	ng	98
17) 2-Methylphenol	7.181	107	237620	32.041	ng	99
18) Hexachloroethane	7.445	117	117308	36.789	ng	97
19) n-Nitroso-di-n-propyla...	7.334	70	209936	32.223	ng	98
20) 3+4-Methylphenols	7.334	107	291824	32.537	ng	96
22) Acetophenone	7.334	105	383657	32.697	ng	# 97
24) Nitrobenzene	7.504	77	323310	34.811	ng	99
25) Isophorone	7.745	82	571933	32.761	ng	99
26) 2-Nitrophenol	7.822	139	146992	40.139	ng	99
27) 2,4-Dimethylphenol	7.863	122	252430m	34.658	ng	
28) bis(2-Chloroethoxy)met...	7.951	93	359282	33.707	ng	99
29) 2,4-Dichlorophenol	8.069	162	248689	34.959	ng	98
30) 1,2,4-Trichlorobenzene	8.151	180	256446	34.175	ng	99
31) Naphthalene	8.234	128	849869	33.165	ng	100
32) Benzoic acid	7.945	122	72695m	27.564	ng	
33) 4-Chloroaniline	8.275	127	302922	32.774	ng	100
34) Hexachlorobutadiene	8.351	225	166399	35.647	ng	99
35) Caprolactam	8.628	113	66390	33.198	ng	94
36) 4-Chloro-3-methylphenol	8.757	107	244639	32.804	ng	98
37) 2-Methylnaphthalene	8.922	142	566761	33.642	ng	99
38) 1-Methylnaphthalene	9.022	142	539612	33.258	ng	100
40) 1,2,4,5-Tetrachloroben...	9.092	216	268069	34.967	ng	100
41) Hexachlorocyclopentadiene	9.081	237	96295	39.285	ng	99
43) 2,4,6-Trichlorophenol	9.204	196	152206	34.992	ng	97

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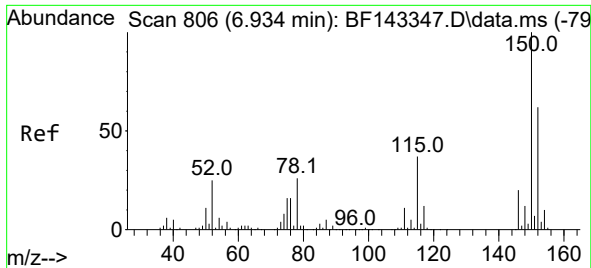
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	167691	34.139	ng	99
46) 1,1'-Biphenyl	9.386	154	673225	33.987	ng	99
47) 2-Chloronaphthalene	9.410	162	524013	33.589	ng	99
48) 2-Nitroaniline	9.504	65	157073	35.664	ng	98
49) Acenaphthylene	9.828	152	745240	33.079	ng	100
50) Dimethylphthalate	9.675	163	578964	35.368	ng	100
51) 2,6-Dinitrotoluene	9.739	165	114561	37.663	ng	95
52) Acenaphthene	9.998	154	496290	33.135	ng	99
53) 3-Nitroaniline	9.910	138	124269	37.068	ng	98
54) 2,4-Dinitrophenol	10.022	184	26990	31.747	ng	93
55) Dibenzofuran	10.169	168	711150	32.990	ng	99
56) 4-Nitrophenol	10.075	139	75539	31.741	ng	98
57) 2,4-Dinitrotoluene	10.145	165	151897	37.646	ng	90
58) Fluorene	10.510	166	545337	33.121	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.292	232	113591	34.306	ng	99
60) Diethylphthalate	10.381	149	542830	37.021	ng	99
61) 4-Chlorophenyl-phenyle...	10.504	204	276957	34.812	ng	98
62) 4-Nitroaniline	10.522	138	111923	34.507	ng	98
63) Azobenzene	10.663	77	551455	32.926	ng	99
65) 4,6-Dinitro-2-methylph...	10.557	198	51789	33.493	ng	92
66) n-Nitrosodiphenylamine	10.616	169	463067	33.956	ng	100
67) 4-Bromophenyl-phenylether	10.992	248	168183	35.507	ng	98
68) Hexachlorobenzene	11.063	284	176143	34.499	ng	99
69) Atrazine	11.139	200	145202	40.822	ng	99
70) Pentachlorophenol	11.257	266	105636	45.062	ng	97
71) Phenanthrene	11.475	178	740641	32.777	ng	100
72) Anthracene	11.527	178	759937	33.161	ng	99
73) Carbazole	11.680	167	639211	32.752	ng	100
74) Di-n-butylphthalate	12.004	149	782503	47.381	ng	100
75) Fluoranthene	12.663	202	698921	35.311	ng	99
77) Benzidine	12.780	184	259786	30.486	ng	99
78) Pyrene	12.892	202	716275	27.393	ng	100
80) Butylbenzylphthalate	13.504	149	276153	53.064	ng	95
81) Benzo(a)anthracene	14.080	228	649572	32.789	ng	99
82) 3,3'-Dichlorobenzidine	14.039	252	219574	41.046	ng	98
83) Chrysene	14.116	228	606853	32.851	ng	99
84) Bis(2-ethylhexyl)phtha...	14.063	149	398390	52.051	ng	98
85) Di-n-octyl phthalate	14.674	149	705507	46.796	ng	96
87) Indeno(1,2,3-cd)pyrene	17.104	276	881606	32.320	ng	100
88) Benzo(b)fluoranthene	15.139	252	708748	34.034	ng	99
89) Benzo(k)fluoranthene	15.168	252	661612	32.696	ng	100
90) Benzo(a)pyrene	15.515	252	646299	32.951	ng	100
91) Dibenzo(a,h)anthracene	17.115	278	713480	32.740	ng	98
92) Benzo(g,h,i)perylene	17.557	276	680499	30.998	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF143375.D
Acq: 13 Aug 2025 15:41

Instrument :

BNA_F

ClientSampleId :

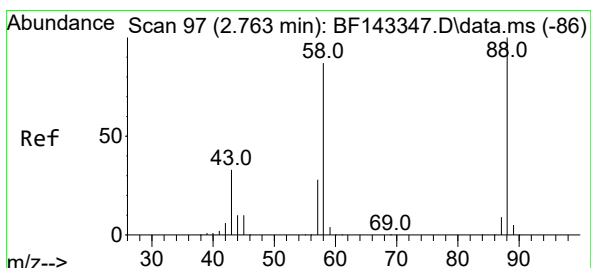
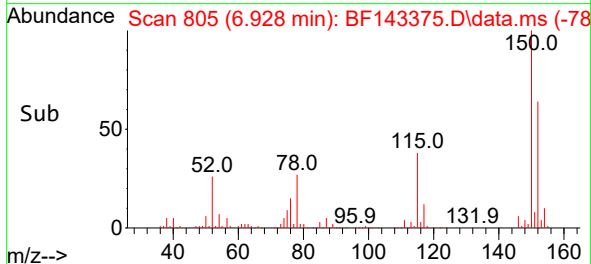
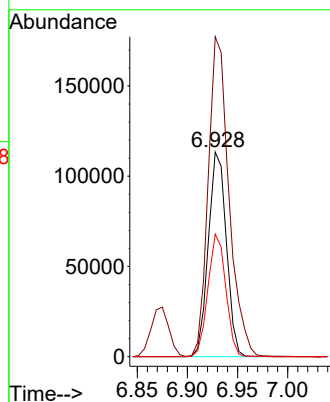
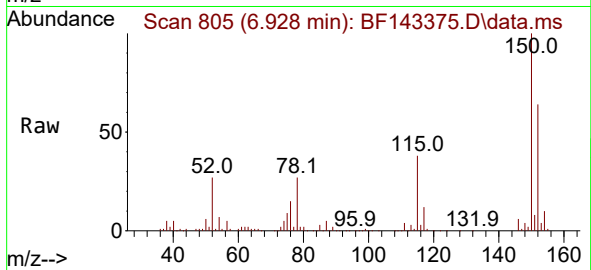
SSTDCCC040EC

Tgt Ion:152 Resp: 14218
Ion Ratio Lower Upper
152 100
150 156.4 129.8 194.8
115 59.9 47.8 71.8

Manual Integrations

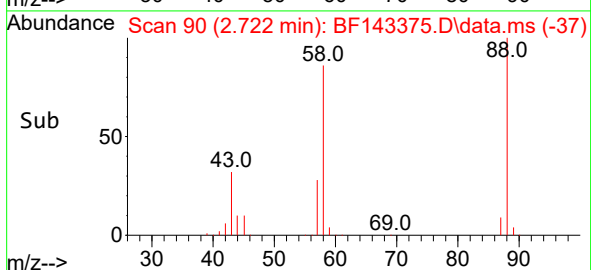
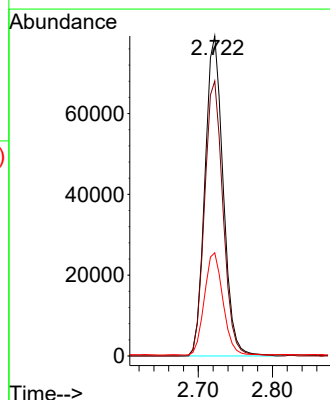
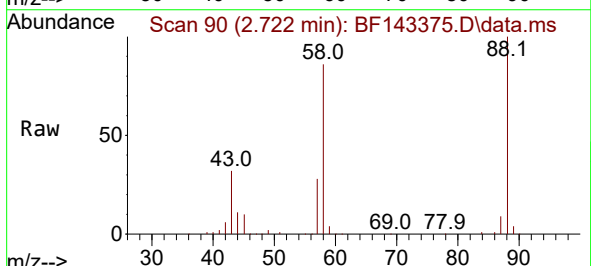
APPROVED

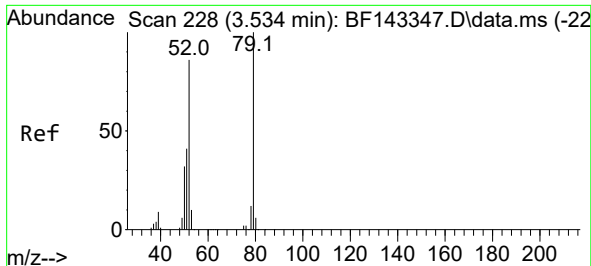
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Supervised By :Jagrut Upadhyay 08/15/2025



#2
1,4-Dioxane
Concen: 31.794 ng
RT: 2.722 min Scan# 90
Delta R.T. -0.041 min
Lab File: BF143375.D
Acq: 13 Aug 2025 15:41

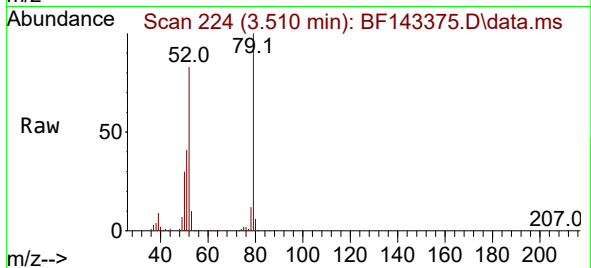
Tgt Ion: 88 Resp: 135272
Ion Ratio Lower Upper
88 100
58 86.8 71.0 106.6
43 32.4 27.0 40.6





#3
Pyridine
Concen: 32.190 ng
RT: 3.510 min Scan# 211
Delta R.T. -0.024 min
Lab File: BF143375.D
Acq: 13 Aug 2025 15:41

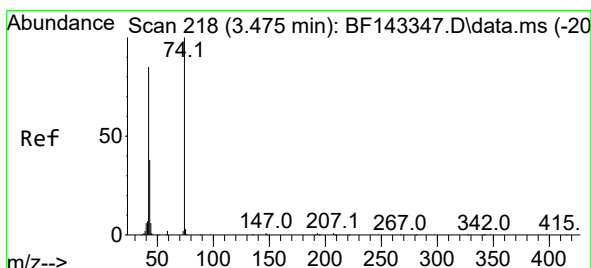
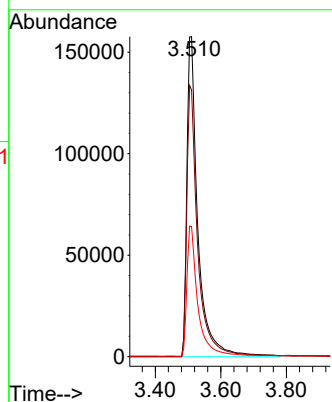
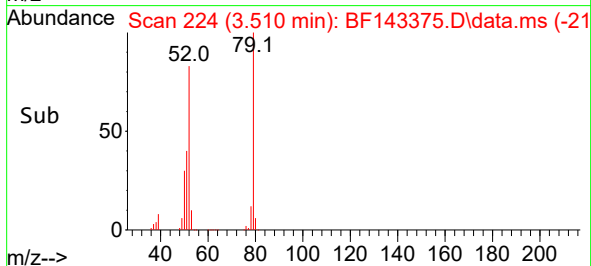
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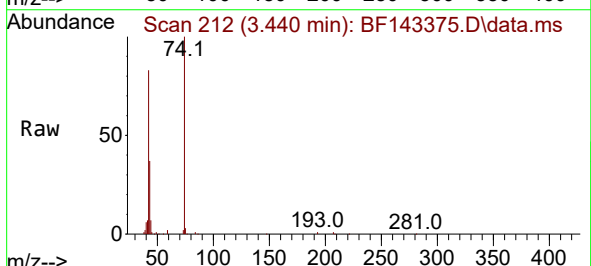
Tgt Ion: 79 Resp: 36496
Ion Ratio Lower Upper
79 100
52 83.4 68.7 103.1
51 40.7 33.4 50.0

Manual Integrations
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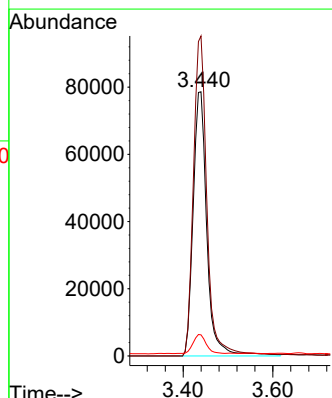
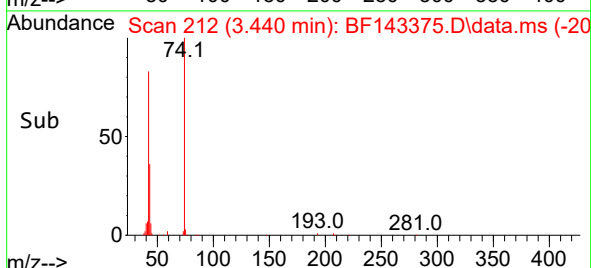
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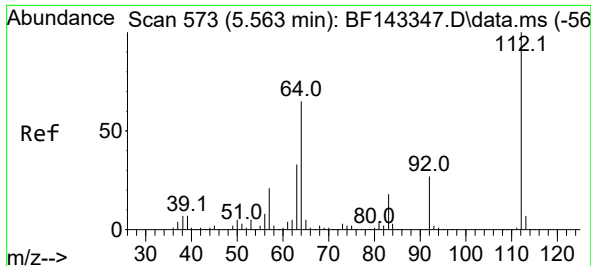


#4
n-Nitrosodimethylamine
Concen: 31.595 ng
RT: 3.440 min Scan# 212
Delta R.T. -0.035 min
Lab File: BF143375.D
Acq: 13 Aug 2025 15:41



Tgt Ion: 42 Resp: 166866
Ion Ratio Lower Upper
42 100
74 121.1 94.1 141.1
44 8.0 6.5 9.7





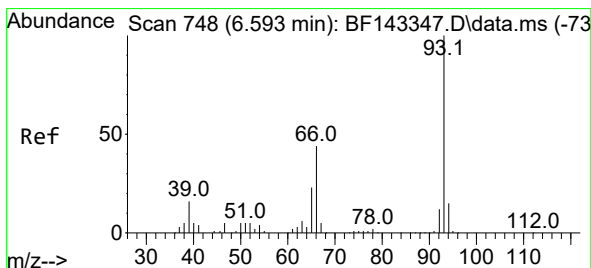
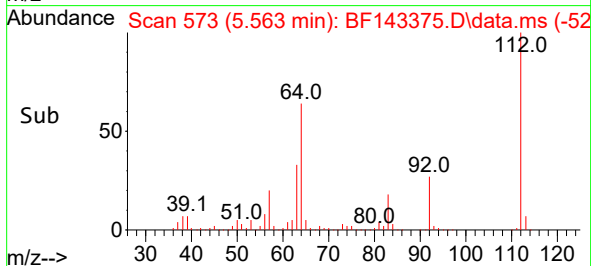
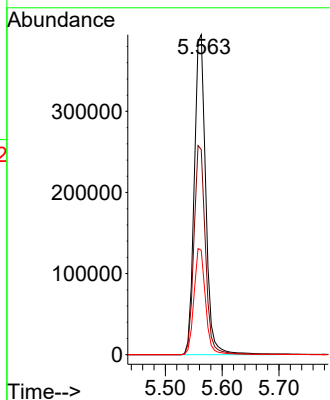
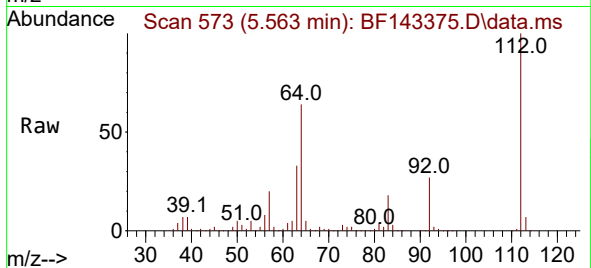
#5
2-Fluorophenol
Concen: 67.858 ng
RT: 5.563 min Scan# 511
Delta R.T. -0.000 min
Lab File: BF143375.D
Acq: 13 Aug 2025 15:41

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ClientSampleId :
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Tgt Ion:112 Resp: 55794
Ion Ratio Lower Upper
112 100
64 64.1 52.1 78.1
63 32.7 26.6 39.8

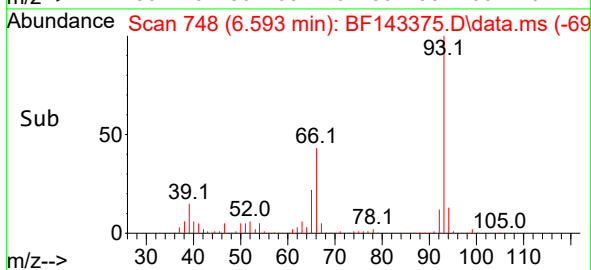
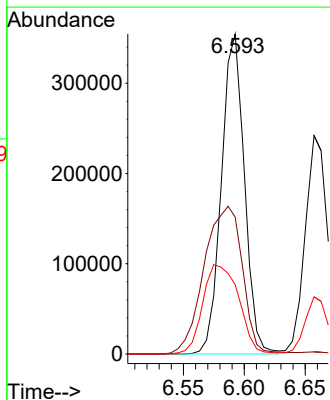
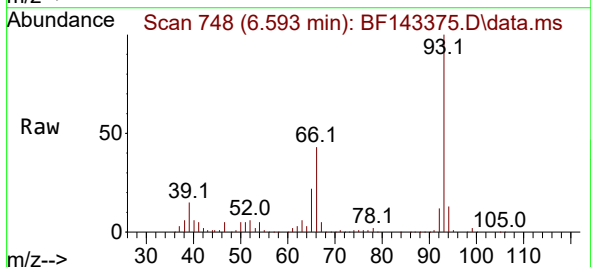
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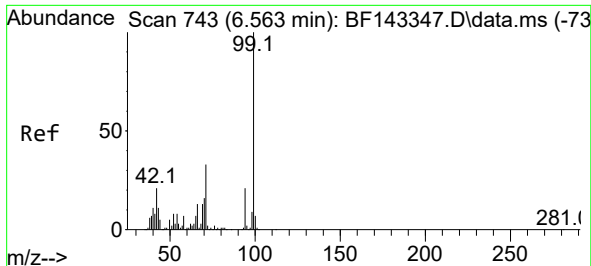
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#6
Aniline
Concen: 31.368 ng
RT: 6.593 min Scan# 748
Delta R.T. 0.000 min
Lab File: BF143375.D
Acq: 13 Aug 2025 15:41

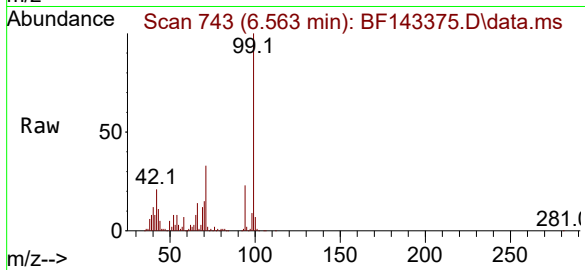
Tgt Ion: 93 Resp: 466271
Ion Ratio Lower Upper
93 100
66 42.8 35.3 52.9
65 21.7 18.2 27.4





#7
Phenol-d6
Concen: 63.411 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF143375.D
Acq: 13 Aug 2025 15:41

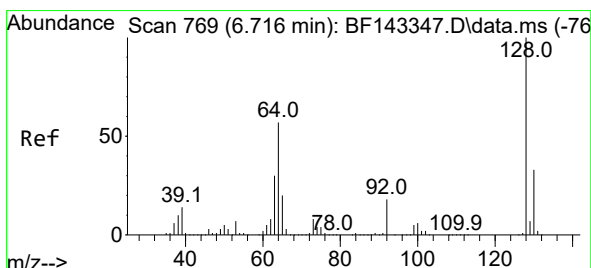
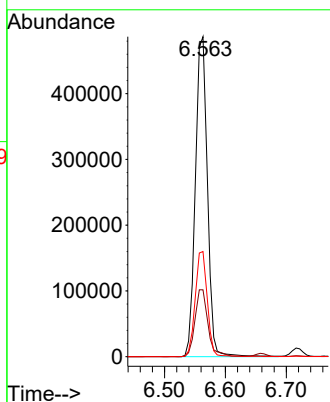
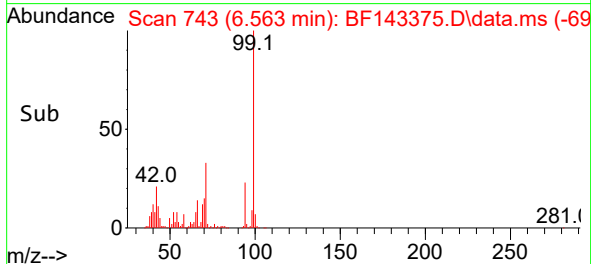
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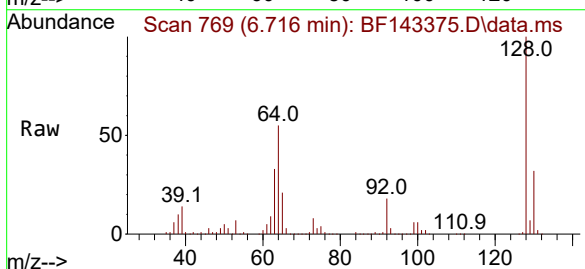
Tgt Ion: 99 Resp: 668602
Ion Ratio Lower Upper
99 100
42 20.9 16.6 25.0
71 32.9 26.2 39.2

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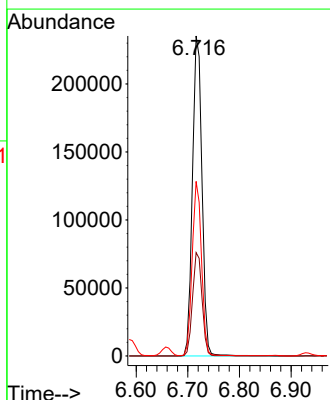
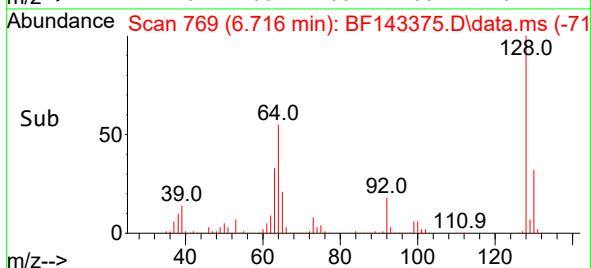
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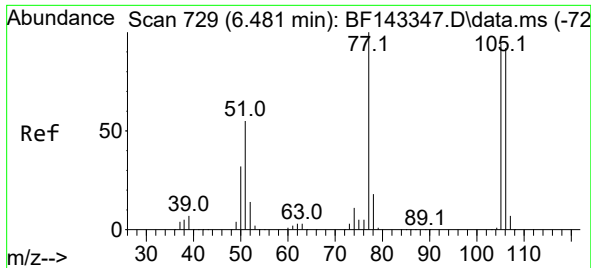


#8
2-Chlorophenol
Concen: 34.297 ng
RT: 6.716 min Scan# 769
Delta R.T. 0.000 min
Lab File: BF143375.D
Acq: 13 Aug 2025 15:41



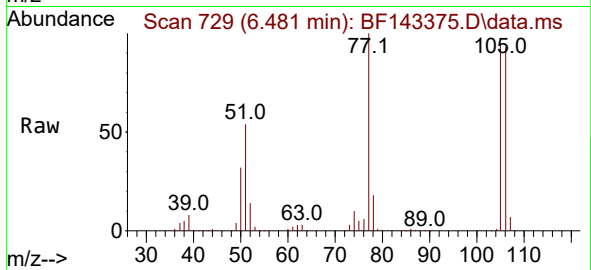
Tgt Ion:128 Resp: 301320
Ion Ratio Lower Upper
128 100
130 32.3 12.6 52.6
64 54.6 36.7 76.7





#9
Benzaldehyde
Concen: 31.682 ng
RT: 6.481 min Scan# 729
Delta R.T. -0.000 min
Lab File: BF143375.D
Acq: 13 Aug 2025 15:41

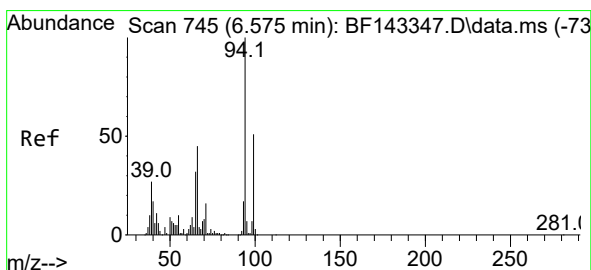
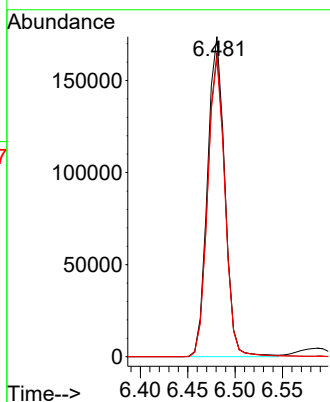
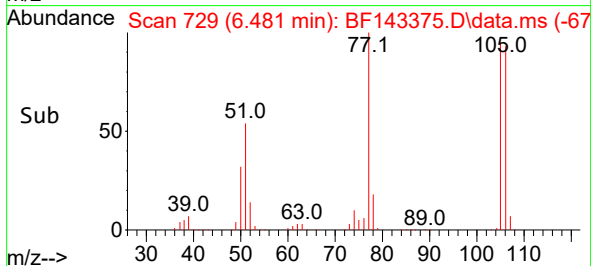
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



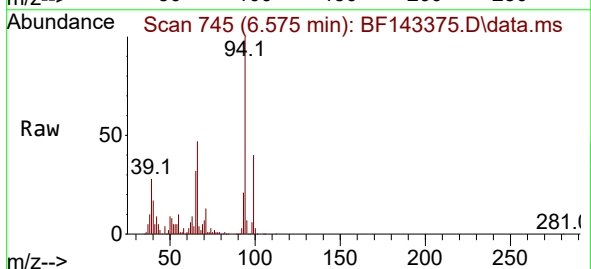
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Ion Ratio Lower Upper
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105 95.0 74.2 114.2
106 93.2 72.2 112.2

Manual Integrations
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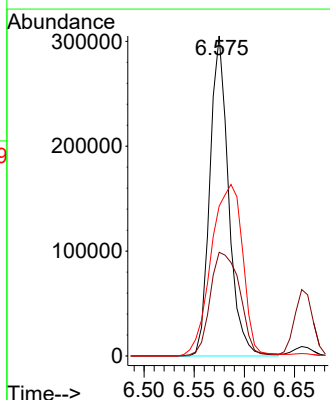
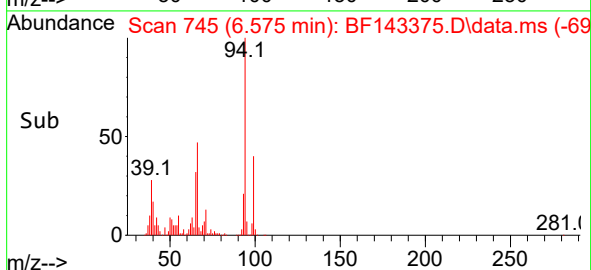
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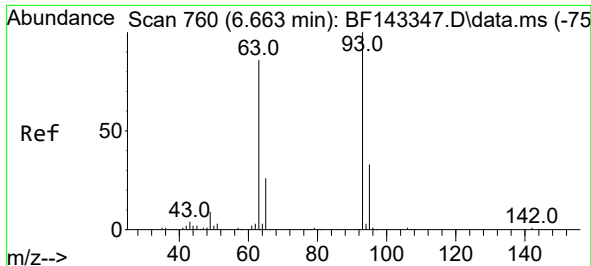


#10
Phenol
Concen: 31.714 ng
RT: 6.575 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF143375.D
Acq: 13 Aug 2025 15:41



Tgt Ion: 94 Resp: 396137
Ion Ratio Lower Upper
94 100
65 32.4 12.0 52.0
66 46.8 25.6 65.6





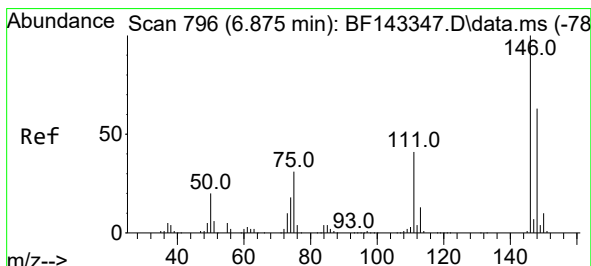
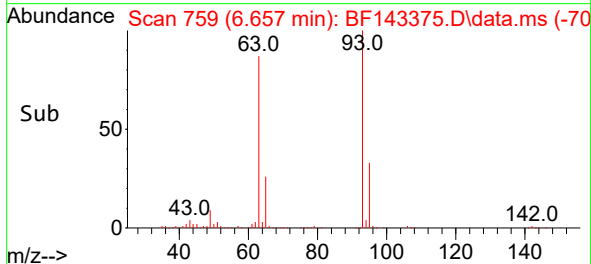
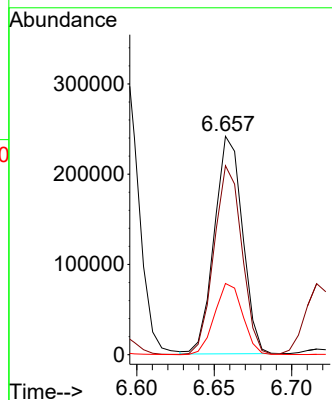
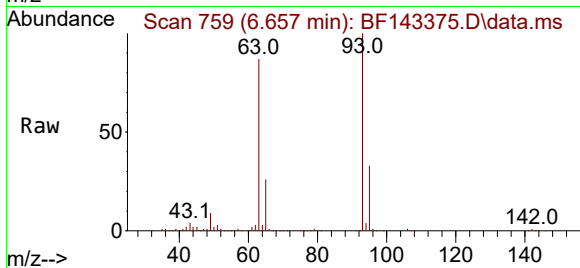
#11
bis(2-Chloroethyl)ether
Concen: 33.137 ng
RT: 6.657 min Scan# 759
Delta R.T. -0.006 min
Lab File: BF143375.D
Acq: 13 Aug 2025 15:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 93 Resp: 305052
Ion Ratio Lower Upper
93 100
63 86.5 65.7 105.7
95 32.6 13.0 53.0

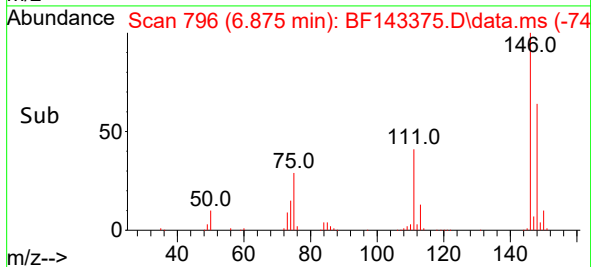
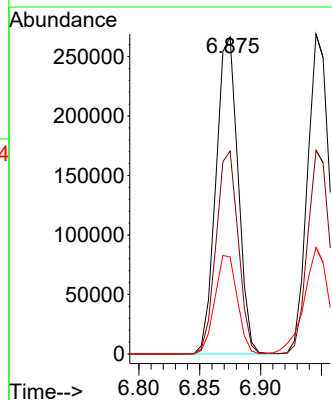
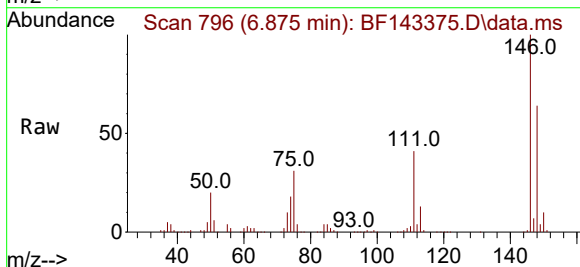
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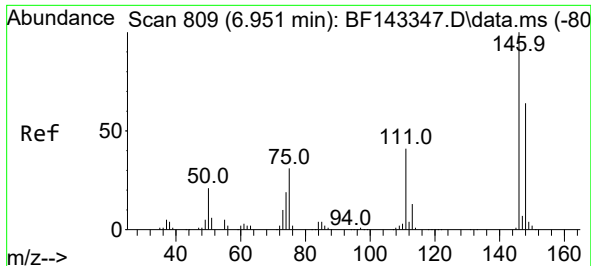
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#12
1,3-Dichlorobenzene
Concen: 33.227 ng
RT: 6.875 min Scan# 796
Delta R.T. 0.000 min
Lab File: BF143375.D
Acq: 13 Aug 2025 15:41

Tgt Ion:146 Resp: 336714
Ion Ratio Lower Upper
146 100
148 64.0 50.5 75.7
75 30.6 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 33.067 ng

RT: 6.945 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF143375.D

Acq: 13 Aug 2025 15:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:146 Resp: 336314

Ion Ratio Lower Upper

146 100

148 63.7 51.4 77.0

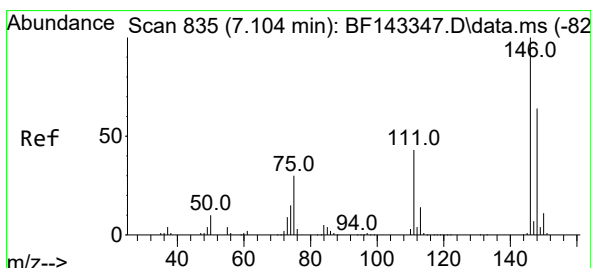
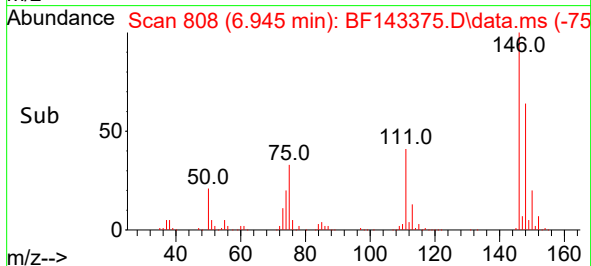
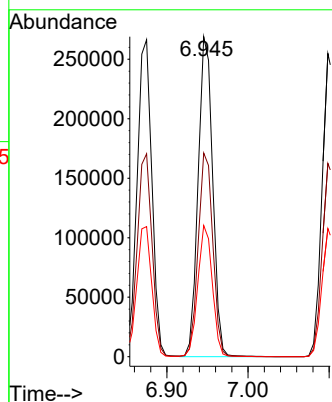
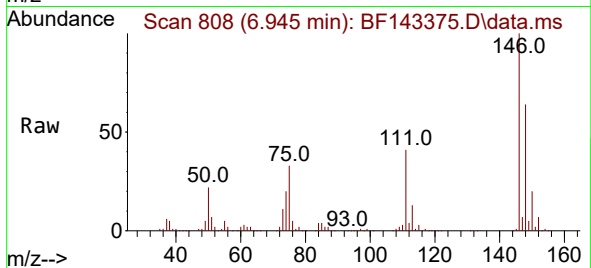
111 41.0 32.6 48.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#14

1,2-Dichlorobenzene

Concen: 33.257 ng

RT: 7.098 min Scan# 834

Delta R.T. -0.006 min

Lab File: BF143375.D

Acq: 13 Aug 2025 15:41

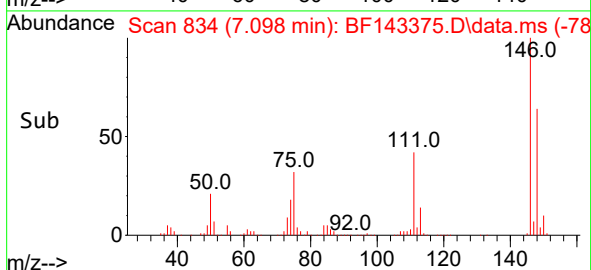
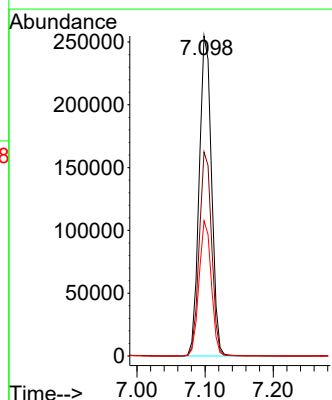
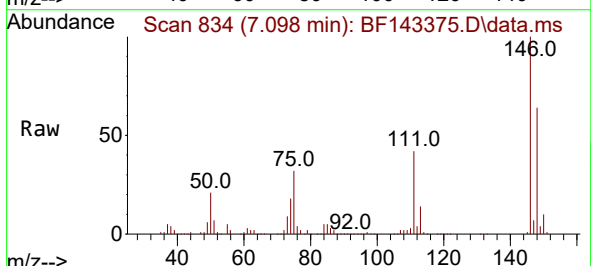
Tgt Ion:146 Resp: 321082

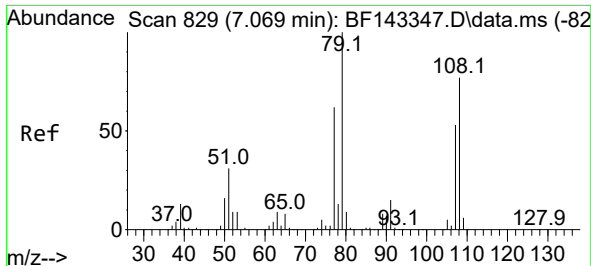
Ion Ratio Lower Upper

146 100

148 63.8 51.4 77.2

111 42.3 34.1 51.1





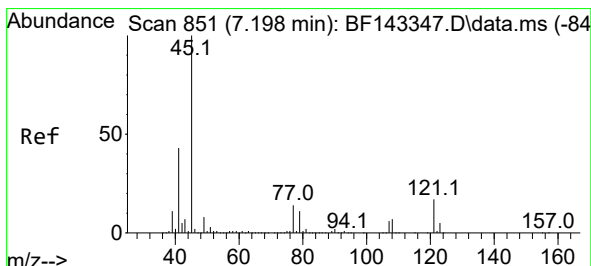
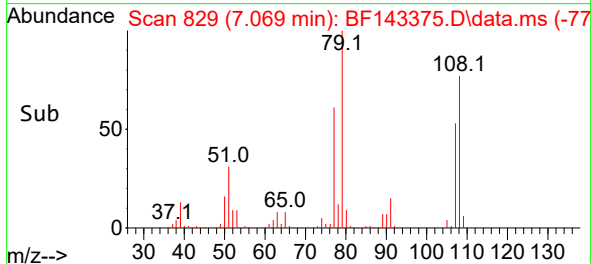
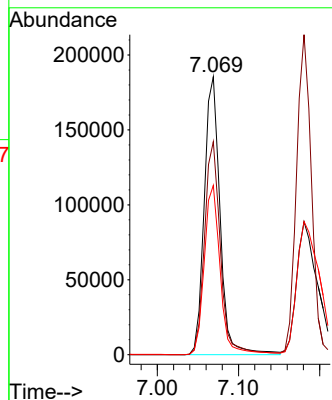
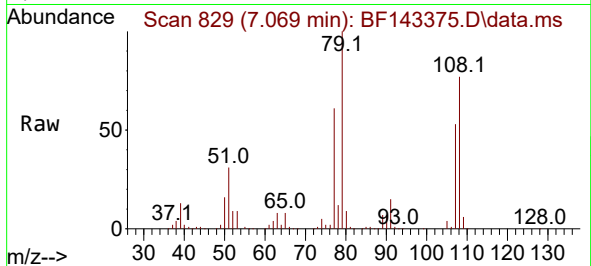
#15
Benzyl Alcohol
Concen: 33.205 ng
RT: 7.069 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF143375.D
Acq: 13 Aug 2025 15:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 79 Resp: 25096
Ion Ratio Lower Upper
79 100
108 76.6 61.5 92.3
77 60.9 49.8 74.8

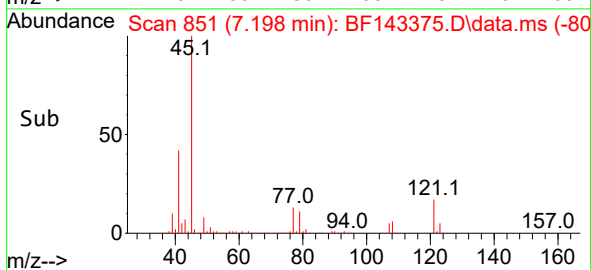
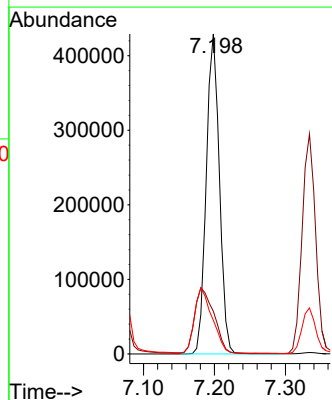
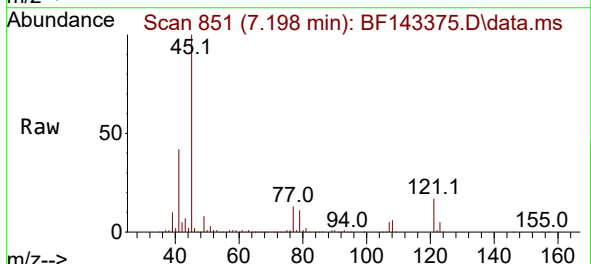
Manual Integrations
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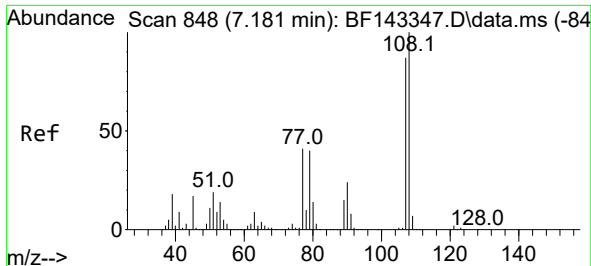
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.595 ng
RT: 7.198 min Scan# 851
Delta R.T. -0.000 min
Lab File: BF143375.D
Acq: 13 Aug 2025 15:41

Tgt Ion: 45 Resp: 552137
Ion Ratio Lower Upper
45 100
77 13.3 0.0 34.0
79 10.6 0.0 31.1





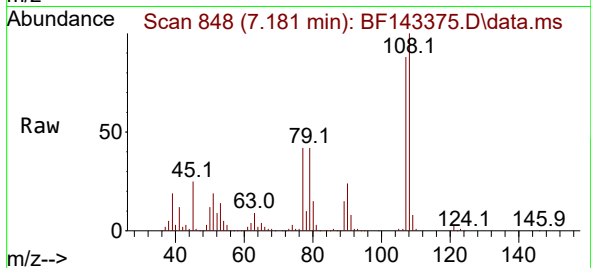
#17
2-Methylphenol
Concen: 32.041 ng
RT: 7.181 min Scan# 848
Delta R.T. 0.000 min
Lab File: BF143375.D
Acq: 13 Aug 2025 15:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



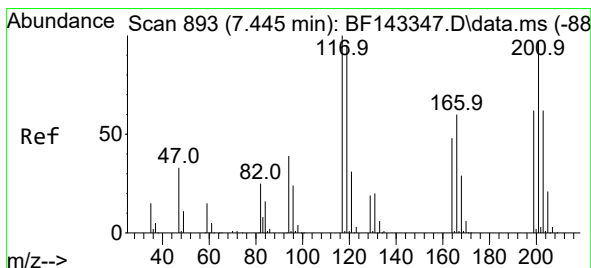
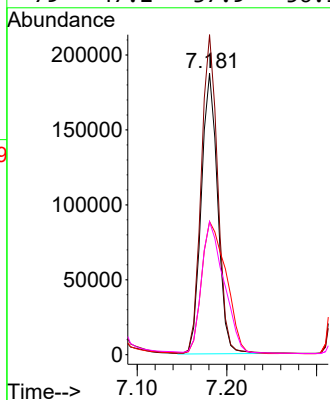
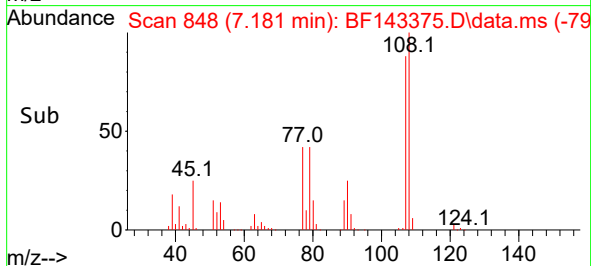
Tgt Ion:107 Resp: 237620
Ion Ratio Lower Upper
107 100
108 113.7 92.0 138.0
77 47.3 38.2 57.2
79 47.2 37.9 56.9

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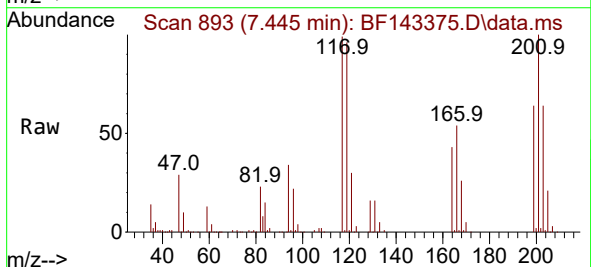
APPROVED

Reviewed By :Rahul Chavli 08/14/2025

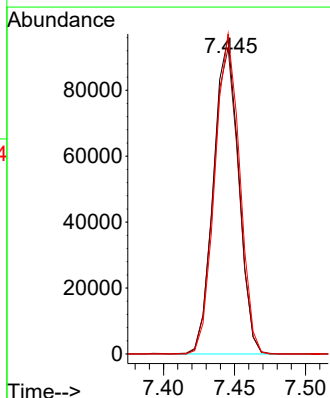
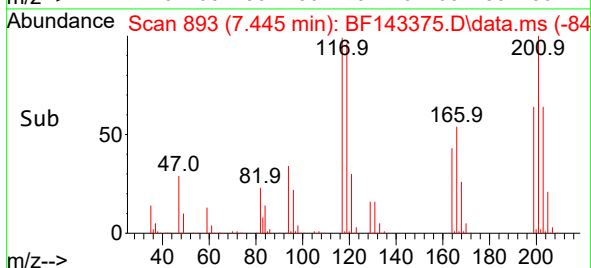
Supervised By :Jagrut Upadhyay 08/15/2025

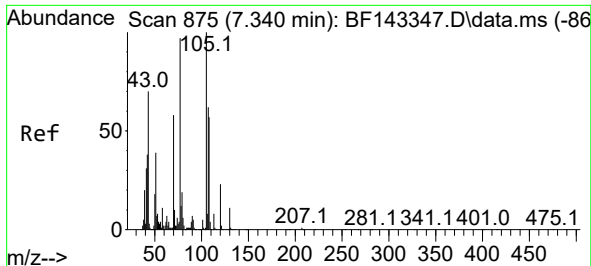


#18
Hexachloroethane
Concen: 36.789 ng
RT: 7.445 min Scan# 893
Delta R.T. 0.000 min
Lab File: BF143375.D
Acq: 13 Aug 2025 15:41



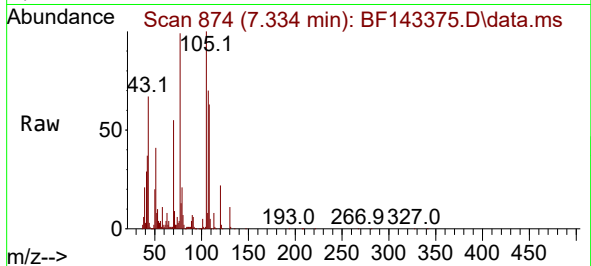
Tgt Ion:117 Resp: 117308
Ion Ratio Lower Upper
117 100
119 96.6 75.8 113.8
201 101.1 77.2 115.8





#19
n-Nitroso-di-n-propylamine
Concen: 32.223 ng
RT: 7.334 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF143375.D
Acq: 13 Aug 2025 15:41

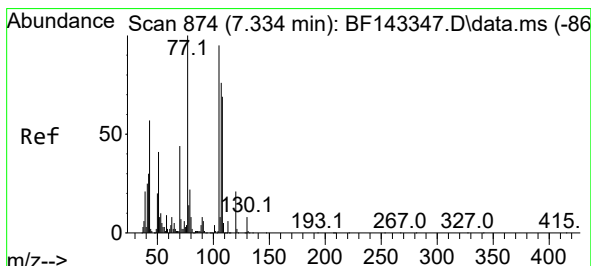
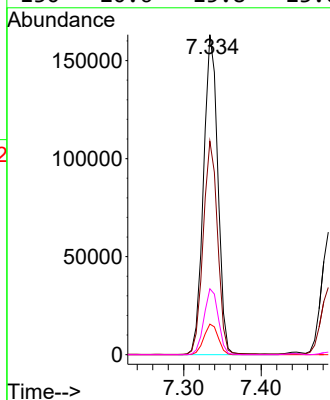
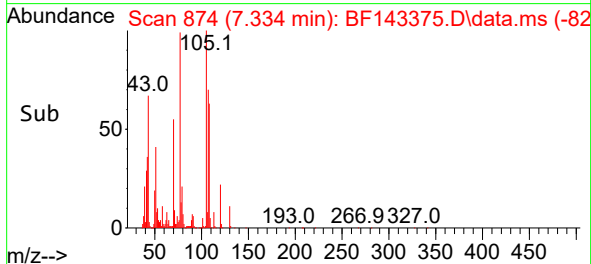
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion: 70 Resp: 209930
Ion Ratio Lower Upper
70 100
42 66.7 51.6 77.4
101 9.6 7.5 11.3
130 20.6 15.8 23.6

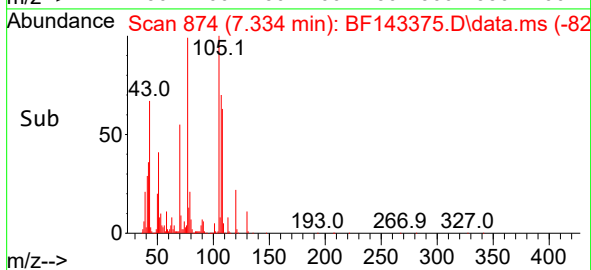
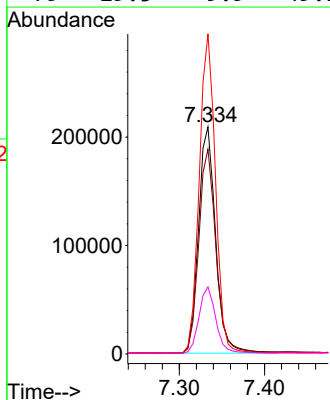
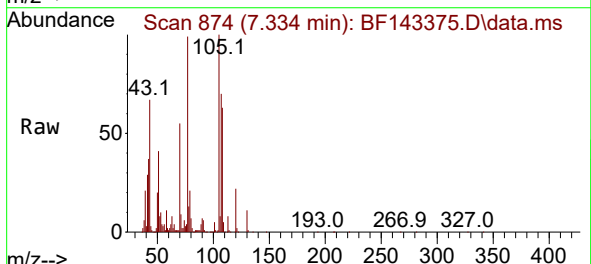
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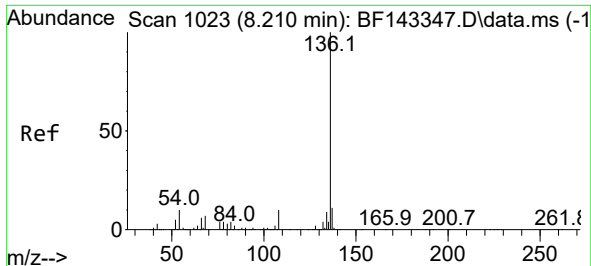
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#20
3+4-Methylphenols
Concen: 32.537 ng
RT: 7.334 min Scan# 874
Delta R.T. 0.000 min
Lab File: BF143375.D
Acq: 13 Aug 2025 15:41

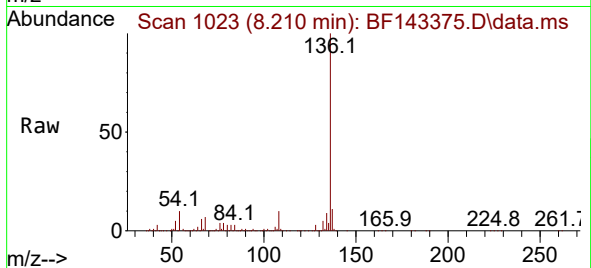
Tgt Ion:107 Resp: 291824
Ion Ratio Lower Upper
107 100
108 90.2 70.6 110.6
77 141.0 112.0 152.0
79 29.5 9.9 49.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF143375.D
Acq: 13 Aug 2025 15:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

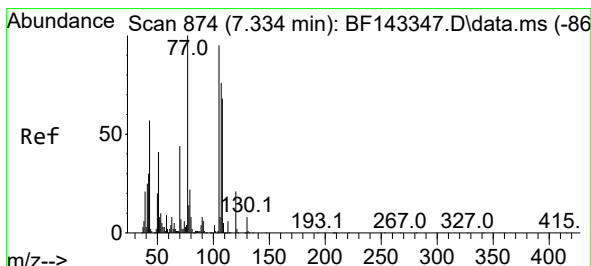
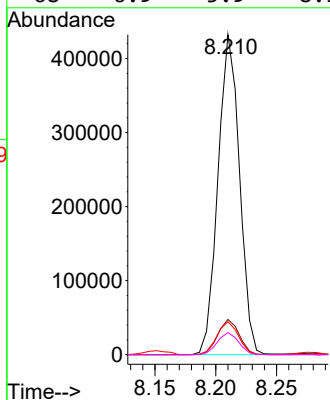
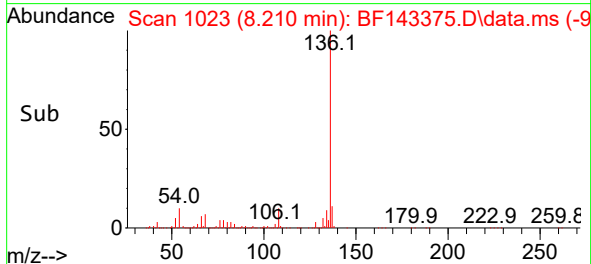


Tgt Ion:136 Resp: 53254

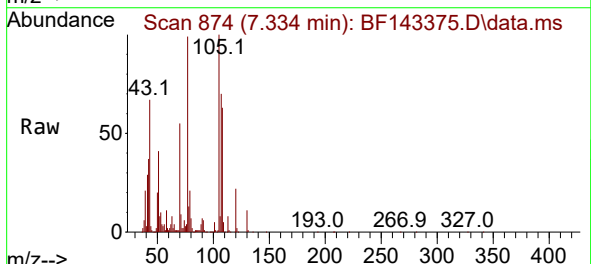
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	10.3	8.4	12.6
68	6.9	5.9	8.9

Manual Integrations
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Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025

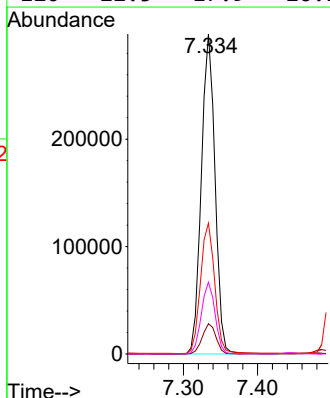
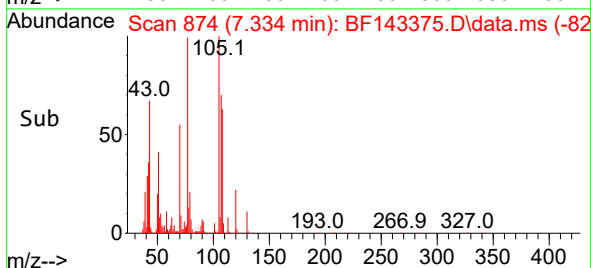


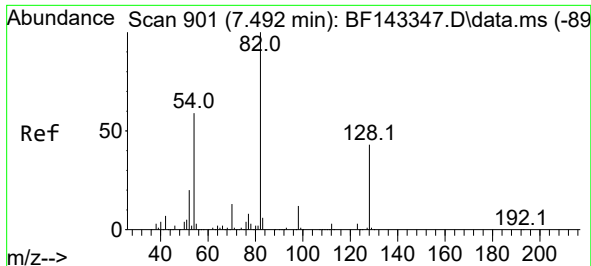
#22
Acetophenone
Concen: 32.697 ng
RT: 7.334 min Scan# 874
Delta R.T. 0.000 min
Lab File: BF143375.D
Acq: 13 Aug 2025 15:41



Tgt Ion:105 Resp: 383657

Ion	Ratio	Lower	Upper
105	100		
71	9.4	6.2	9.4
51	40.9	34.8	52.2
120	22.5	17.9	26.9





#23

Nitrobenzene-d5

Concen: 71.239 ng

RT: 7.487 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF143375.D

Acq: 13 Aug 2025 15:41

Instrument :

BNA_F

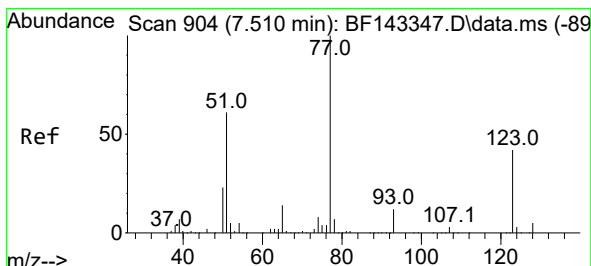
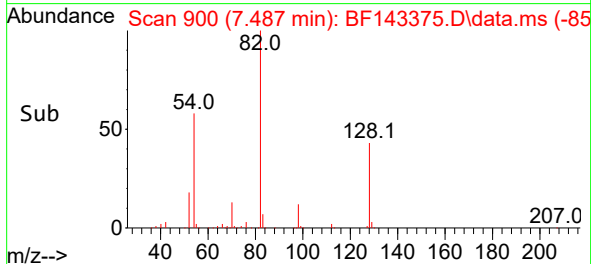
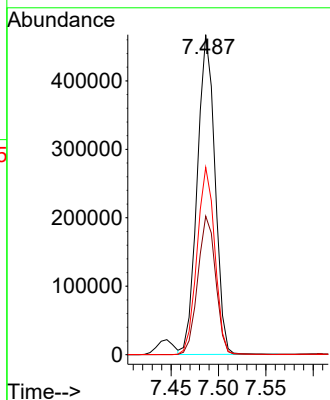
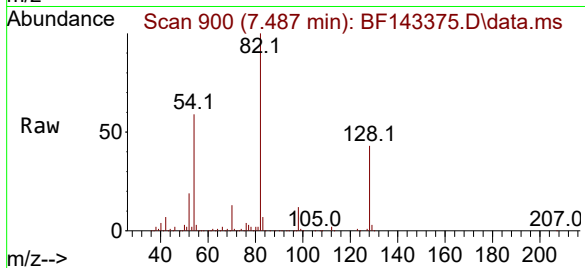
ClientSampleId :

SSTDCCC040EC

Tgt Ion: 82 Resp: 609217
 Ion Ratio Lower Upper
 82 100
 128 43.3 33.5 50.3
 54 58.5 46.7 70.1

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Reviewed By :Rahul Chavli 08/14/2025
 Supervised By :Jagrut Upadhyay 08/15/2025



#24

Nitrobenzene

Concen: 34.811 ng

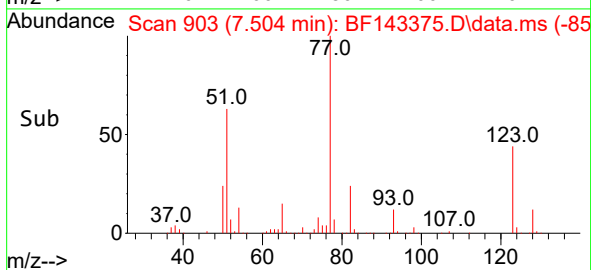
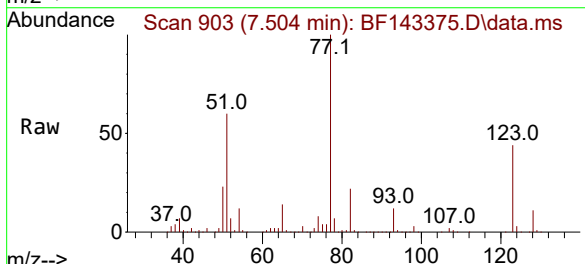
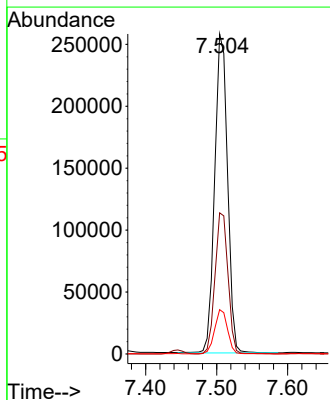
RT: 7.504 min Scan# 903

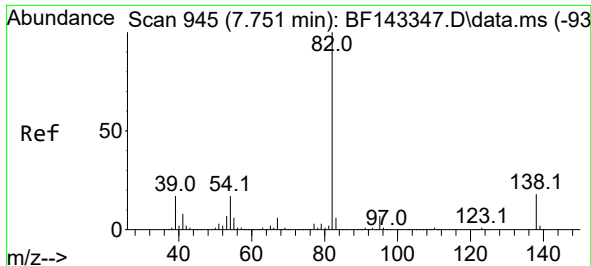
Delta R.T. -0.006 min

Lab File: BF143375.D

Acq: 13 Aug 2025 15:41

Tgt Ion: 77 Resp: 323310
 Ion Ratio Lower Upper
 77 100
 123 44.1 34.8 52.2
 65 13.9 11.0 16.6





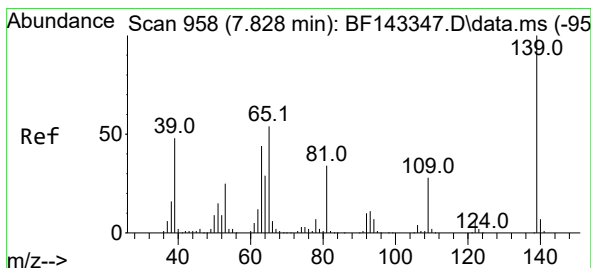
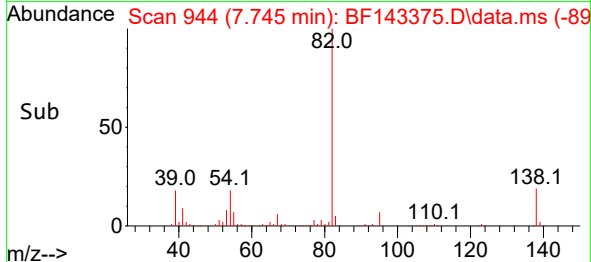
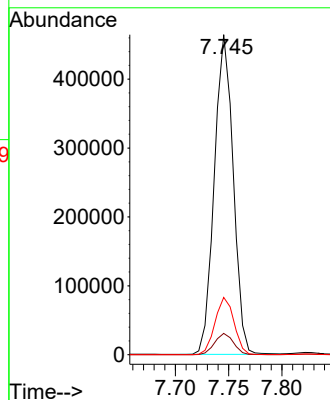
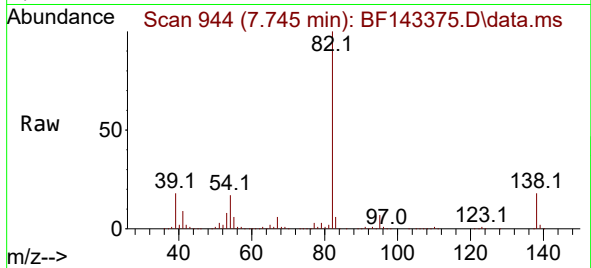
#25
Isophorone
Concen: 32.761 ng
RT: 7.745 min Scan# 944
Delta R.T. -0.006 min
Lab File: BF143375.D
Acq: 13 Aug 2025 15:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 82 Resp: 57193
Ion Ratio Lower Upper
82 100
95 6.6 5.5 8.3
138 17.9 14.6 21.8

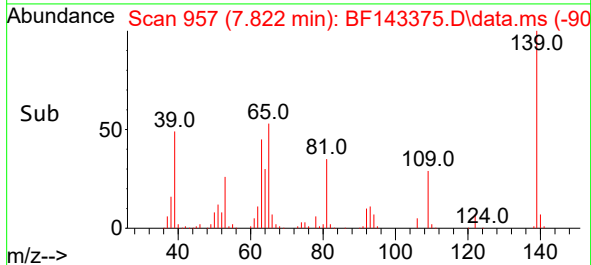
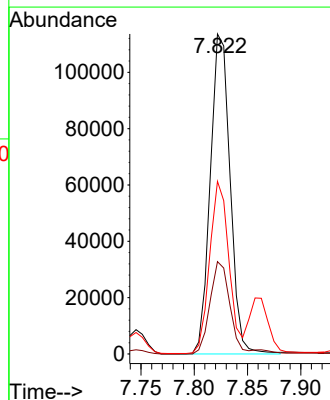
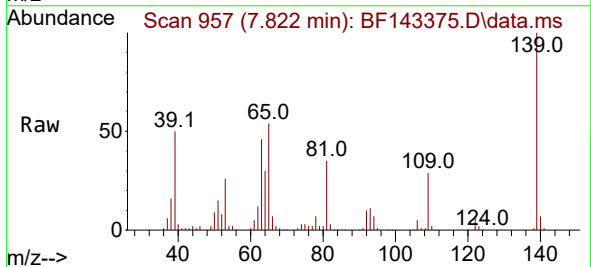
Manual Integrations
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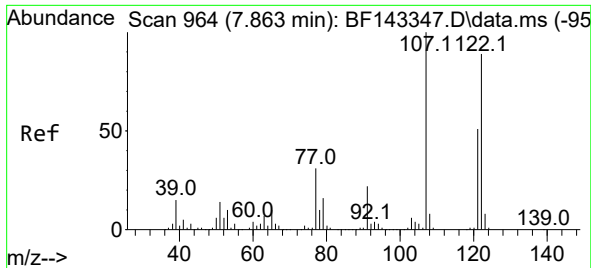
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#26
2-Nitrophenol
Concen: 40.139 ng
RT: 7.822 min Scan# 957
Delta R.T. -0.006 min
Lab File: BF143375.D
Acq: 13 Aug 2025 15:41

Tgt Ion:139 Resp: 146992
Ion Ratio Lower Upper
139 100
109 28.8 22.4 33.6
65 53.9 42.9 64.3





#27
2,4-Dimethylphenol
Concen: 34.658 ng m
RT: 7.863 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF143375.D
Acq: 13 Aug 2025 15:41

Instrument :

BNA_F

ClientSampleId :

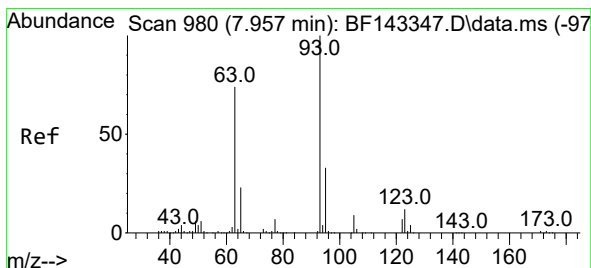
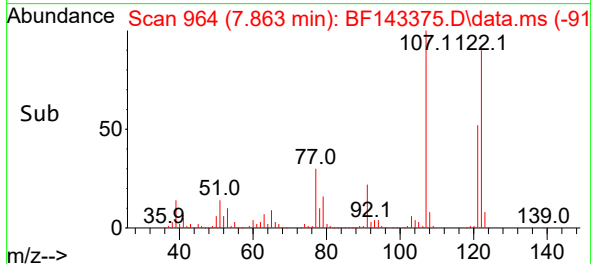
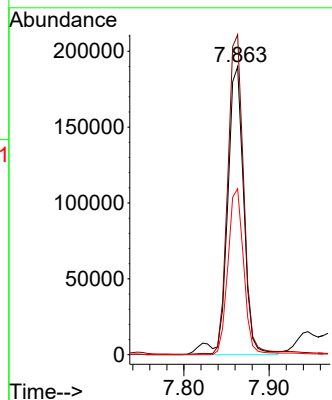
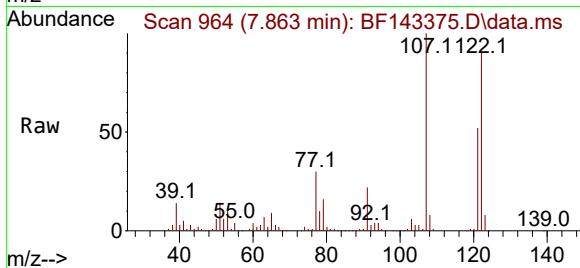
SSTDCCC040EC

Tgt Ion:122 Resp: 252430
Ion Ratio Lower Upper
122 100
107 111.1 89.9 134.9
121 57.6 46.2 69.4

Manual Integrations

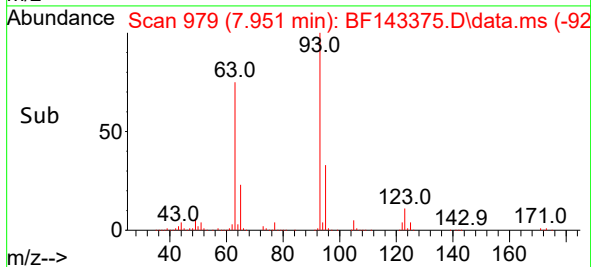
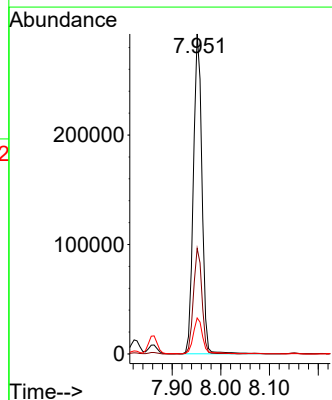
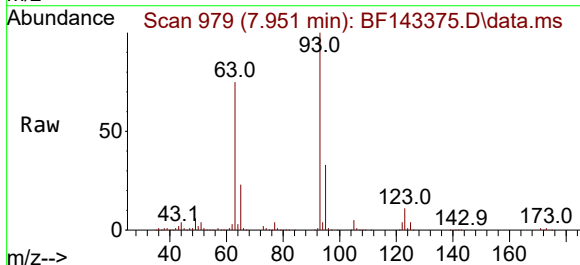
APPROVED

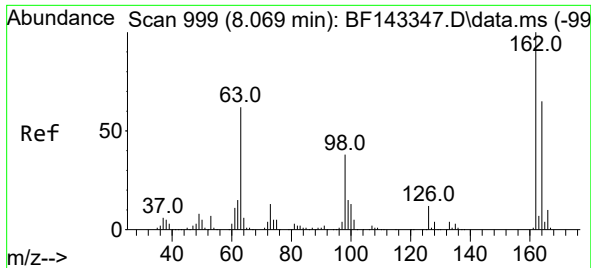
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#28
bis(2-Chloroethoxy)methane
Concen: 33.707 ng
RT: 7.951 min Scan# 979
Delta R.T. -0.006 min
Lab File: BF143375.D
Acq: 13 Aug 2025 15:41

Tgt Ion: 93 Resp: 359282
Ion Ratio Lower Upper
93 100
95 33.0 26.2 39.4
123 11.2 9.4 14.2





#29

2,4-Dichlorophenol

Concen: 34.959 ng

RT: 8.069 min Scan# 999

Delta R.T. -0.000 min

Lab File: BF143375.D

Acq: 13 Aug 2025 15:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:162 Resp: 248689

Ion Ratio Lower Upper

162 100

164 63.4 44.5 84.5

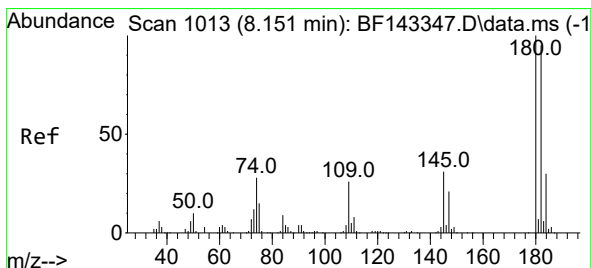
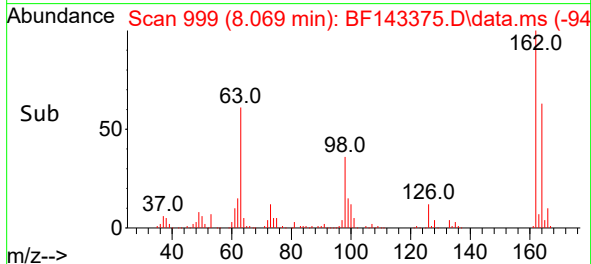
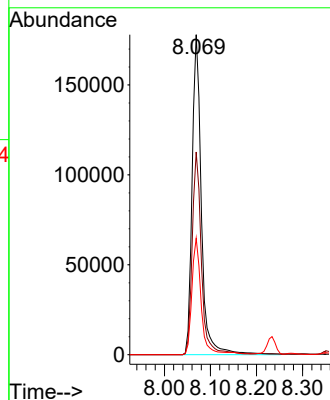
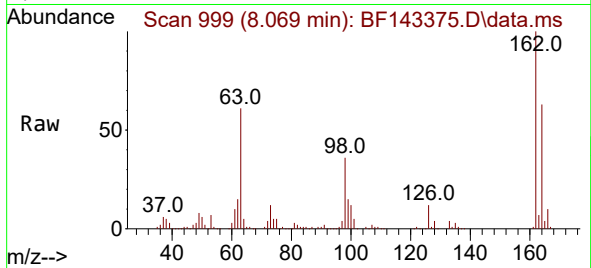
98 36.4 17.7 57.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#30

1,2,4-Trichlorobenzene

Concen: 34.175 ng

RT: 8.151 min Scan# 1013

Delta R.T. -0.000 min

Lab File: BF143375.D

Acq: 13 Aug 2025 15:41

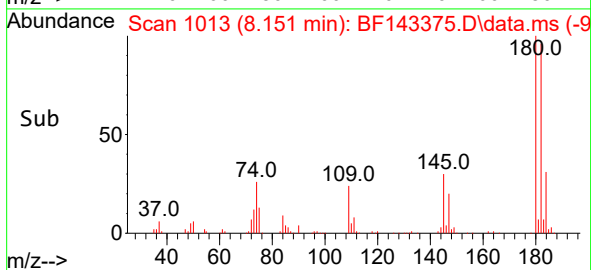
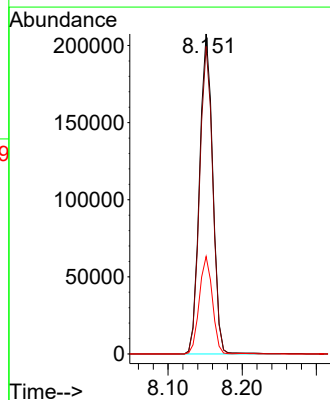
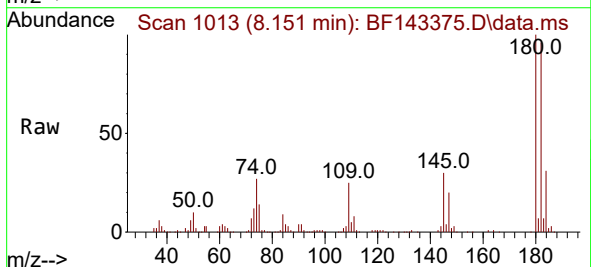
Tgt Ion:180 Resp: 256446

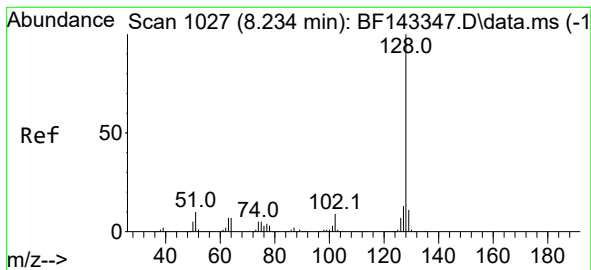
Ion Ratio Lower Upper

180 100

182 96.1 76.1 114.1

145 30.4 24.9 37.3





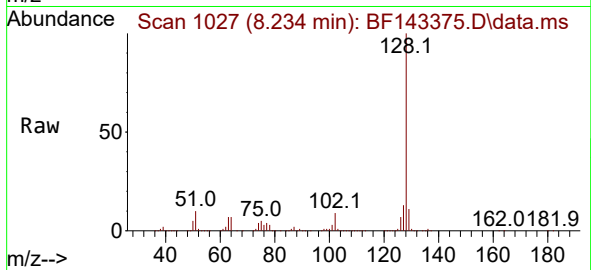
#31
Naphthalene
Concen: 33.165 ng
RT: 8.234 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF143375.D
Acq: 13 Aug 2025 15:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



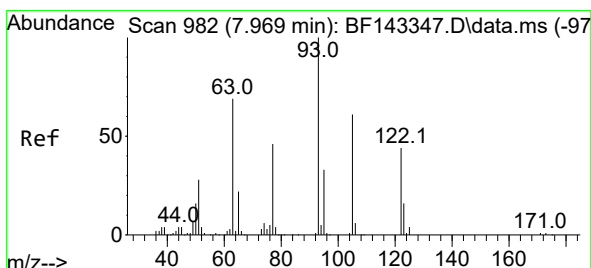
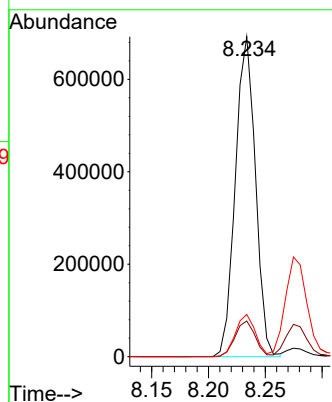
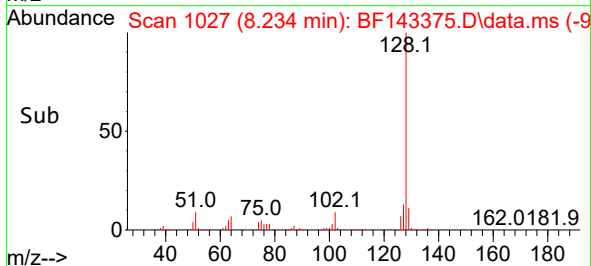
Tgt Ion:128 Resp: 849869
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.2 10.7 16.1

Manual Integrations

APPROVED

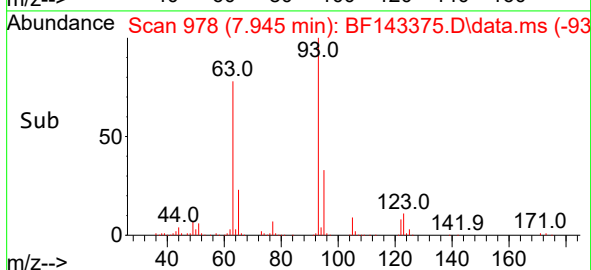
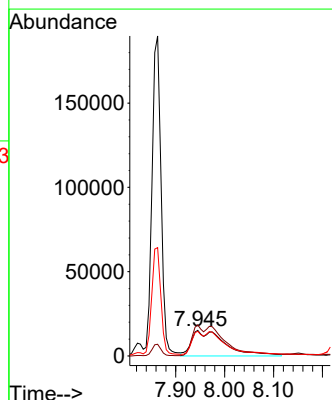
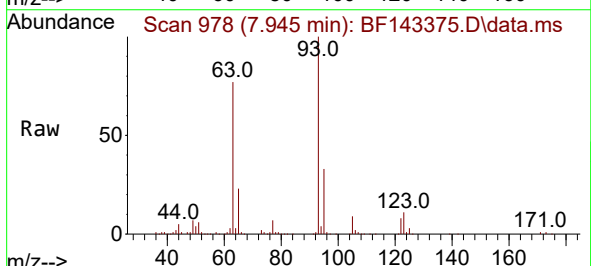
Reviewed By :Rahul Chavli 08/14/2025

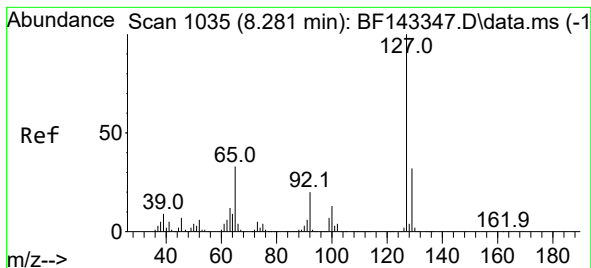
Supervised By :Jagrut Upadhyay 08/15/2025



#32
Benzoic acid
Concen: 27.564 ng m
RT: 7.945 min Scan# 978
Delta R.T. -0.024 min
Lab File: BF143375.D
Acq: 13 Aug 2025 15:41

Tgt Ion:122 Resp: 72695
Ion Ratio Lower Upper
122 100
105 121.7 106.4 146.4
77 96.7 79.2 119.2





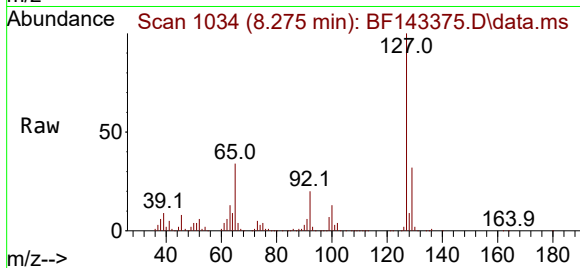
#33
4-Chloroaniline
Concen: 32.774 ng
RT: 8.275 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF143375.D
Acq: 13 Aug 2025 15:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



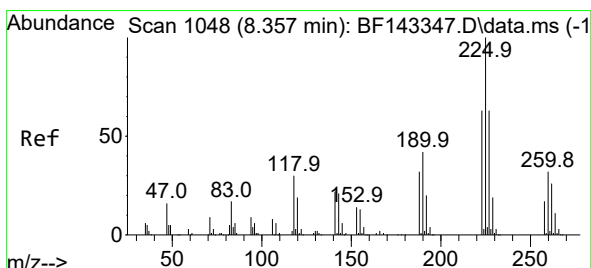
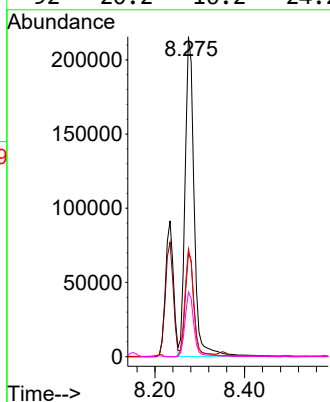
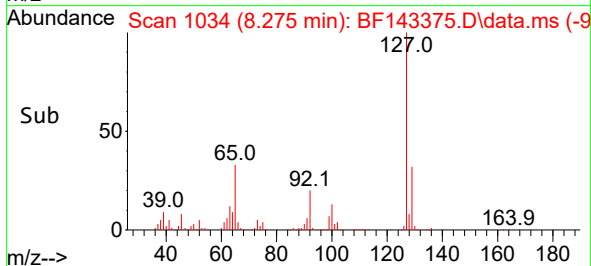
Tgt Ion:127 Resp: 30292
Ion Ratio Lower Upper
127 100
129 32.4 26.0 39.0
65 33.8 27.0 40.4
92 20.2 16.2 24.2

Manual Integrations

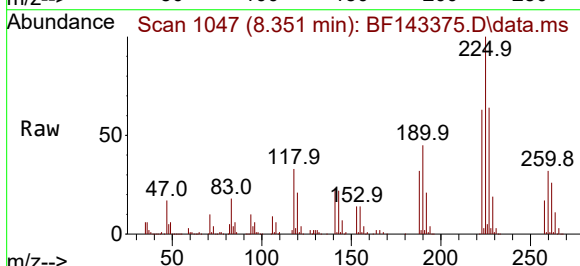
APPROVED

Reviewed By :Rahul Chavli 08/14/2025

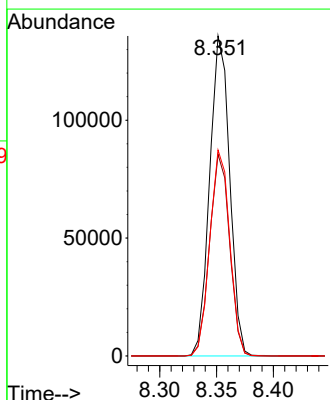
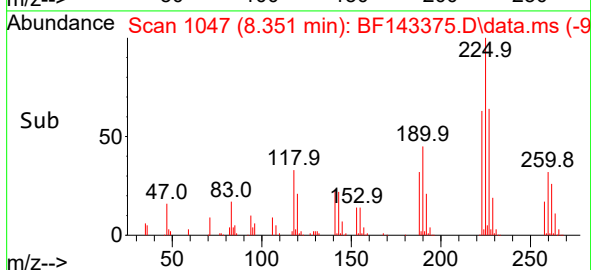
Supervised By :Jagrut Upadhyay 08/15/2025

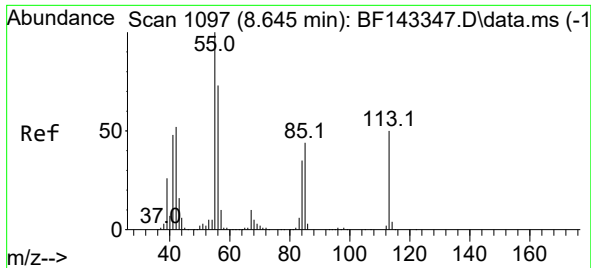


#34
Hexachlorobutadiene
Concen: 35.647 ng
RT: 8.351 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF143375.D
Acq: 13 Aug 2025 15:41



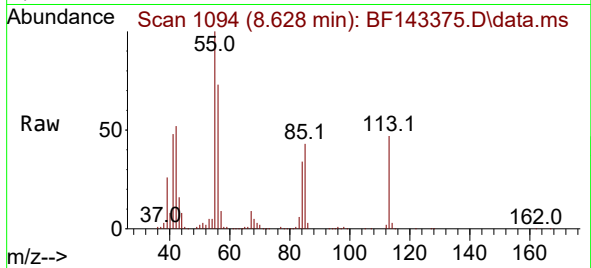
Tgt Ion:225 Resp: 166399
Ion Ratio Lower Upper
225 100
223 63.0 50.1 75.1
227 64.3 50.6 75.8





#35
Caprolactam
Concen: 33.198 ng
RT: 8.628 min Scan# 1094
Delta R.T. -0.018 min
Lab File: BF143375.D
Acq: 13 Aug 2025 15:41

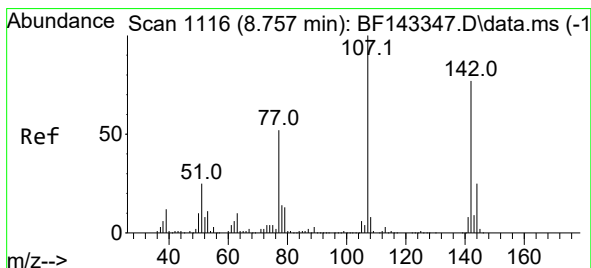
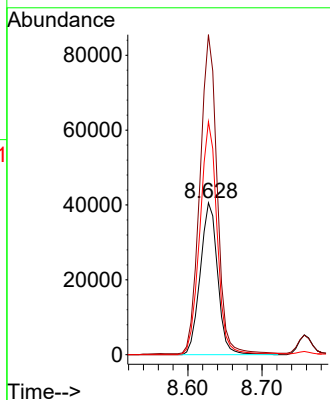
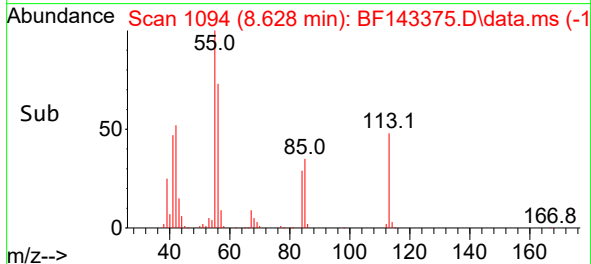
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:113 Resp: 66390
Ion Ratio Lower Upper
113 100
55 210.6 181.4 221.4
56 153.4 127.3 167.3

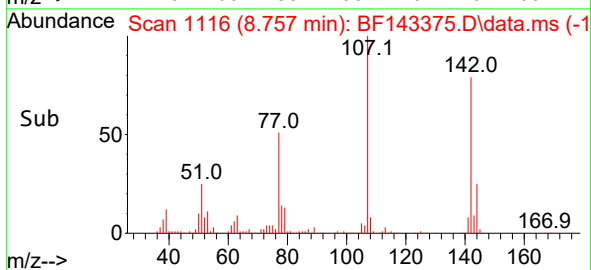
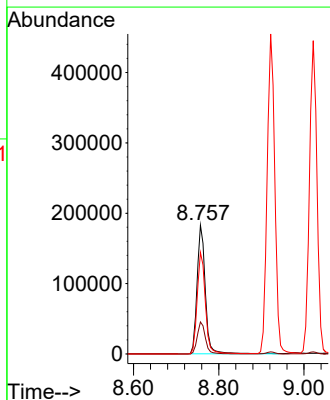
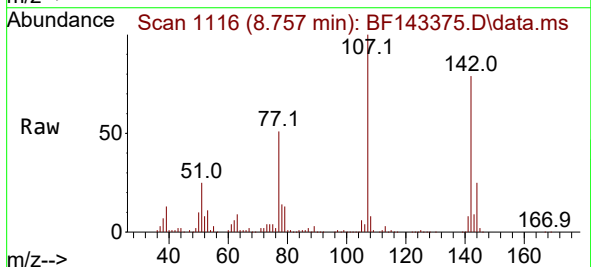
Manual Integrations
APPROVED

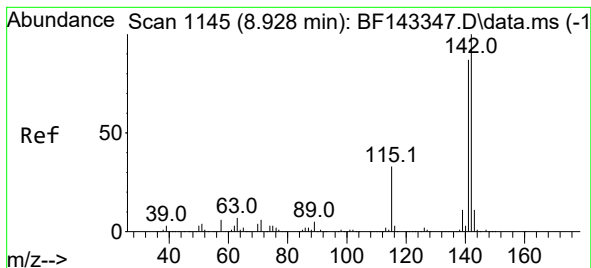
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#36
4-Chloro-3-methylphenol
Concen: 32.804 ng
RT: 8.757 min Scan# 1116
Delta R.T. 0.000 min
Lab File: BF143375.D
Acq: 13 Aug 2025 15:41

Tgt Ion:107 Resp: 244639
Ion Ratio Lower Upper
107 100
144 24.8 20.0 30.0
142 78.8 61.3 91.9





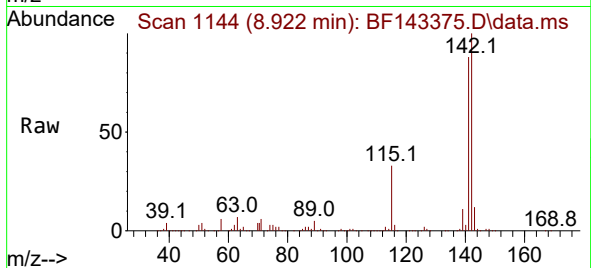
#37
2-Methylnaphthalene
Concen: 33.642 ng
RT: 8.922 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BF143375.D
Acq: 13 Aug 2025 15:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

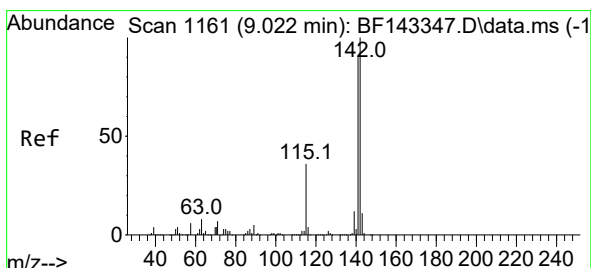
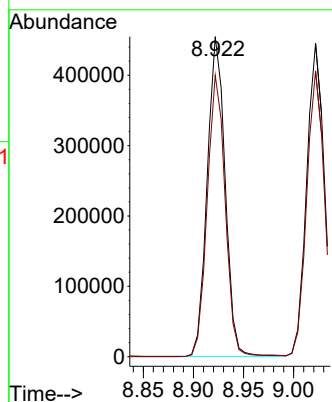
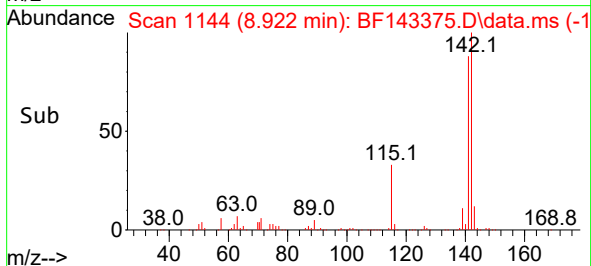


Tgt Ion:142 Resp: 56676
Ion Ratio Lower Upper
142 100
141 88.0 69.8 104.8

Manual Integrations

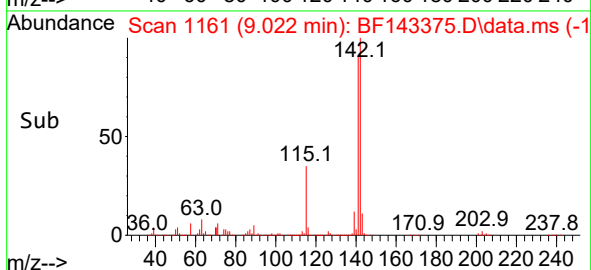
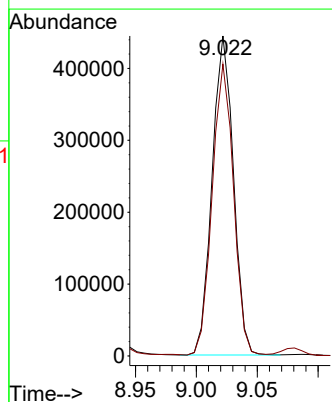
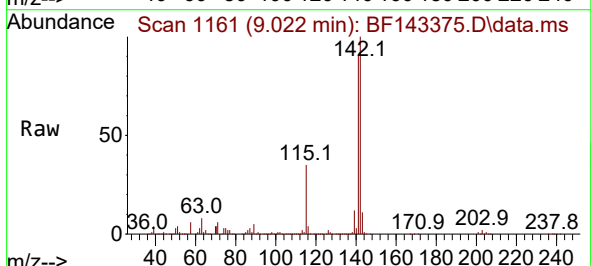
APPROVED

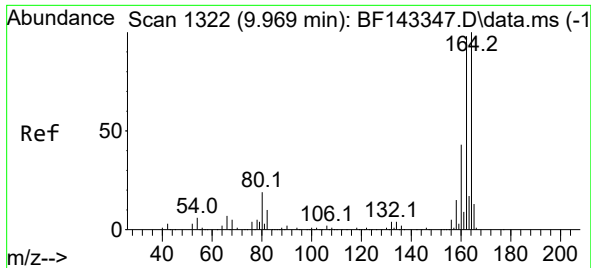
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#38
1-Methylnaphthalene
Concen: 33.258 ng
RT: 9.022 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BF143375.D
Acq: 13 Aug 2025 15:41

Tgt Ion:142 Resp: 539612
Ion Ratio Lower Upper
142 100
141 91.2 73.0 109.4





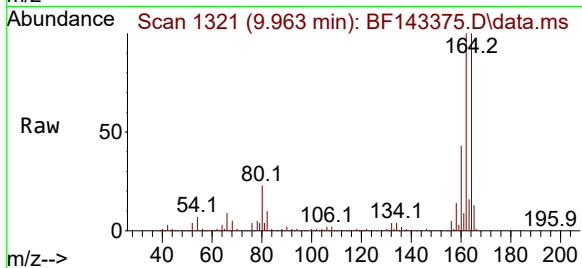
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1121
Delta R.T. -0.006 min
Lab File: BF143375.D
Acq: 13 Aug 2025 15:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



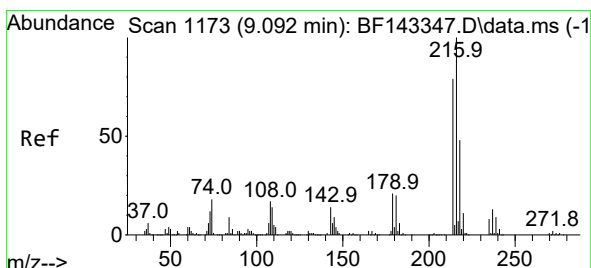
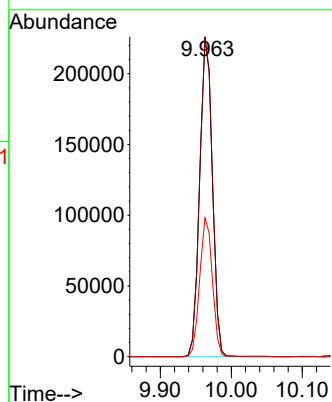
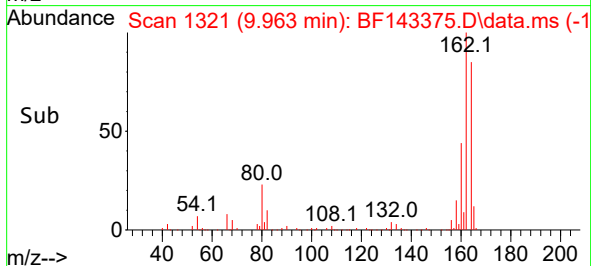
Tgt Ion:164 Resp: 28015
Ion Ratio Lower Upper
164 100
162 100.5 78.6 118.0
160 43.6 34.4 51.6

Manual Integrations

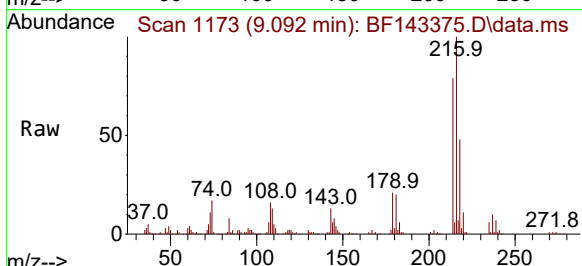
APPROVED

Reviewed By :Rahul Chavli 08/14/2025

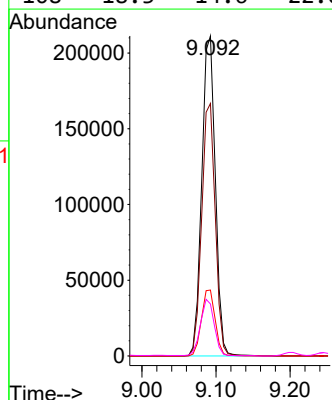
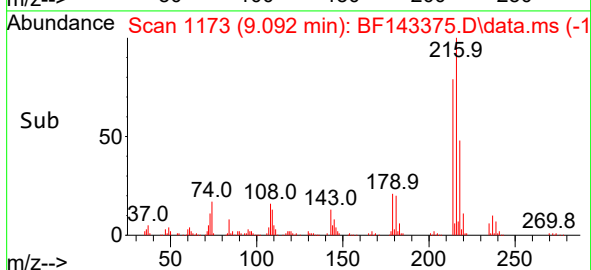
Supervised By :Jagrut Upadhyay 08/15/2025

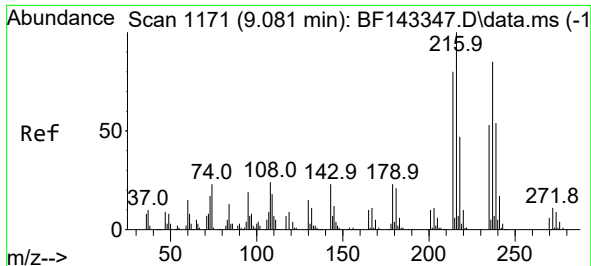


#40
1,2,4,5-Tetrachlorobenzene
Concen: 34.967 ng
RT: 9.092 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BF143375.D
Acq: 13 Aug 2025 15:41



Tgt Ion:216 Resp: 268069
Ion Ratio Lower Upper
216 100
214 78.9 63.0 94.4
179 20.9 17.0 25.4
108 18.3 14.6 22.0





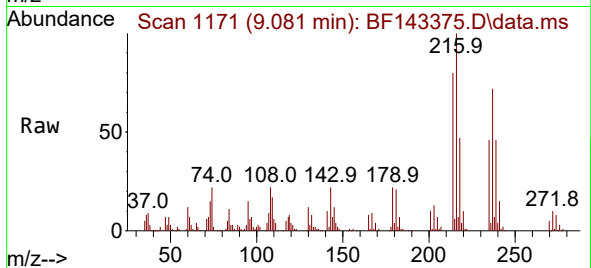
#41
Hexachlorocyclopentadiene
Concen: 39.285 ng
RT: 9.081 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF143375.D
Acq: 13 Aug 2025 15:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



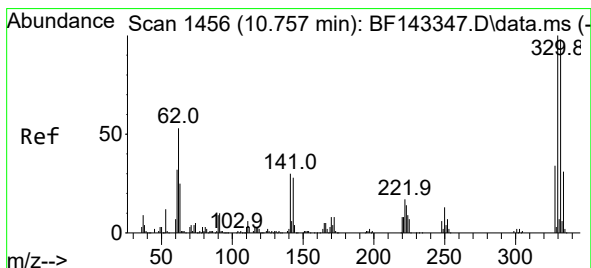
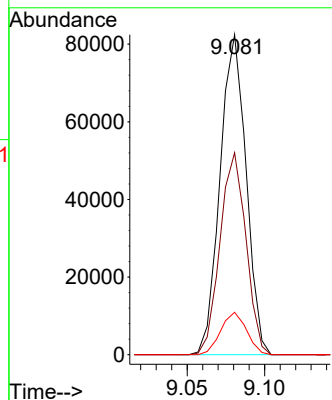
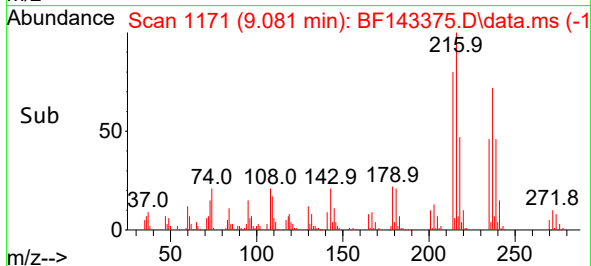
Tgt Ion: 237 Resp: 9629
Ion Ratio Lower Upper
237 100
235 63.1 42.0 82.0
272 13.2 0.0 32.6

Manual Integrations

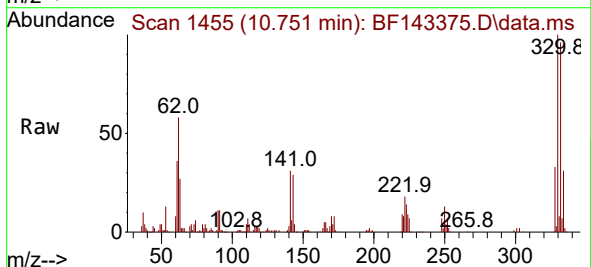
APPROVED

Reviewed By :Rahul Chavli 08/14/2025

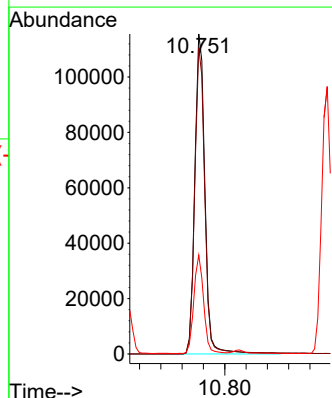
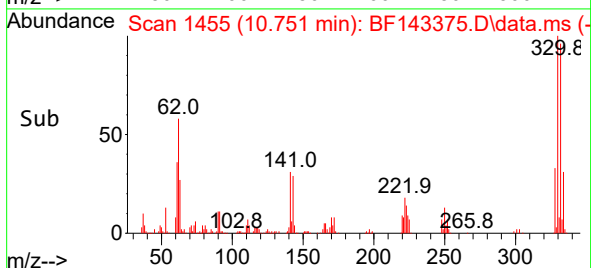
Supervised By :Jagrut Upadhyay 08/15/2025

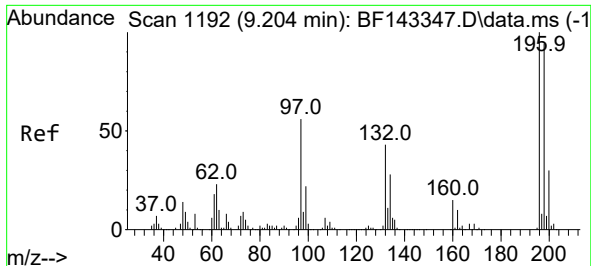


#42
2,4,6-Tribromophenol
Concen: 74.875 ng
RT: 10.751 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF143375.D
Acq: 13 Aug 2025 15:41



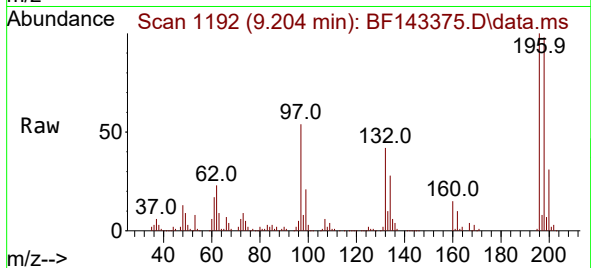
Tgt Ion: 330 Resp: 153302
Ion Ratio Lower Upper
330 100
332 94.6 78.1 117.1
141 29.4 25.4 38.0





#43
2,4,6-Trichlorophenol
Concen: 34.992 ng
RT: 9.204 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BF143375.D
Acq: 13 Aug 2025 15:41

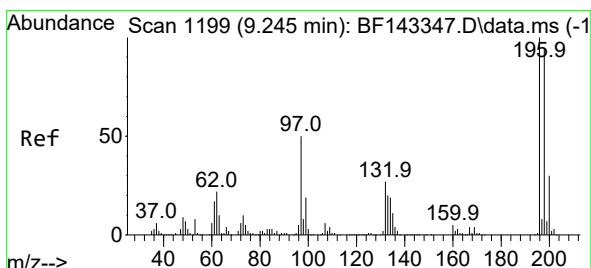
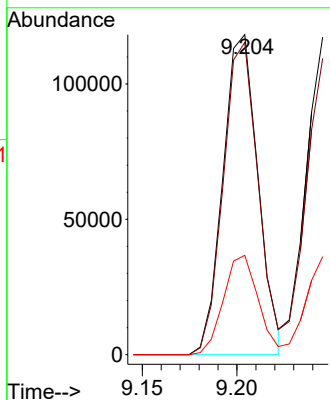
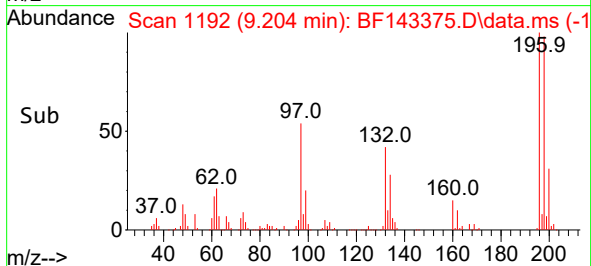
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



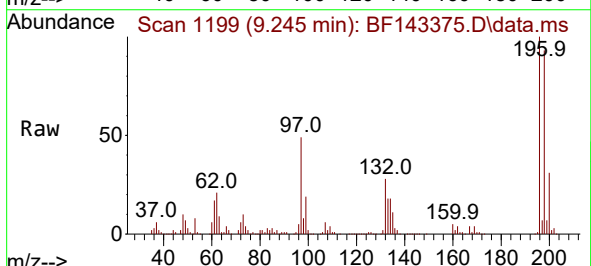
Tgt Ion:196 Resp: 152200
Ion Ratio Lower Upper
196 100
198 97.6 75.4 113.0
200 31.1 24.3 36.5

Manual Integrations
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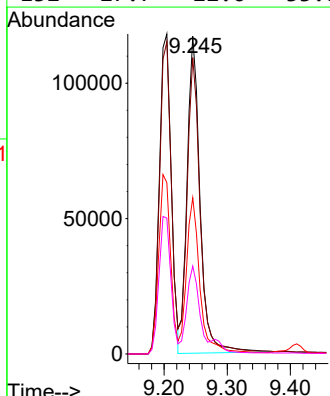
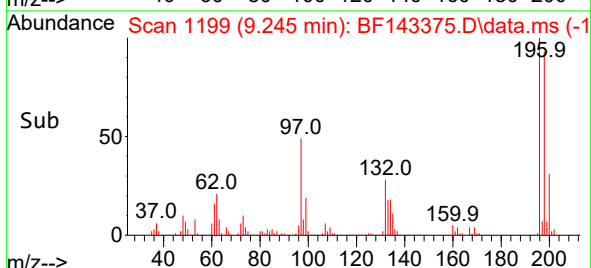
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025

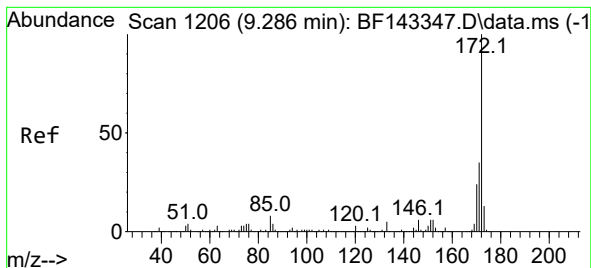


#44
2,4,5-Trichlorophenol
Concen: 34.139 ng
RT: 9.245 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF143375.D
Acq: 13 Aug 2025 15:41



Tgt Ion:196 Resp: 167691
Ion Ratio Lower Upper
196 100
198 93.3 75.4 113.2
97 49.1 39.9 59.9
132 27.7 22.6 33.8





#45

2-Fluorobiphenyl

Concen: 68.852 ng

RT: 9.281 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF143375.D

Acq: 13 Aug 2025 15:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:172 Resp: 113749

Ion Ratio Lower Upper

172 100

171 35.0 28.4 42.6

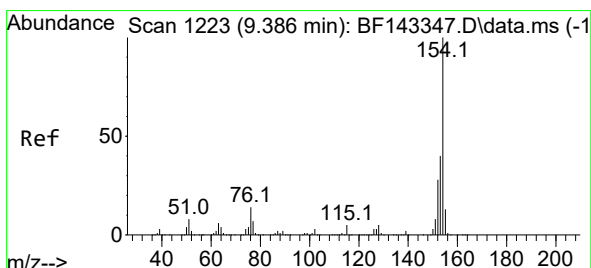
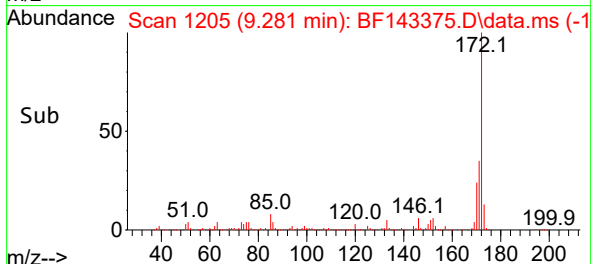
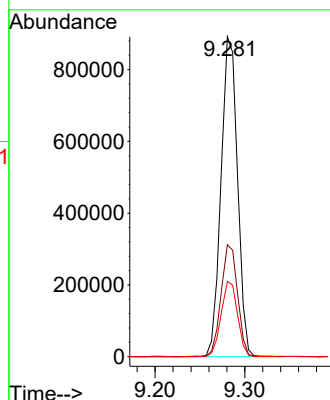
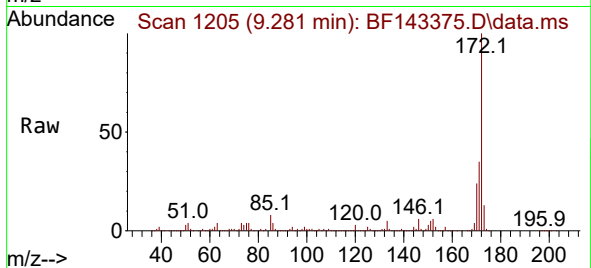
170 23.6 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#46

1,1'-Biphenyl

Concen: 33.987 ng

RT: 9.386 min Scan# 1223

Delta R.T. 0.000 min

Lab File: BF143375.D

Acq: 13 Aug 2025 15:41

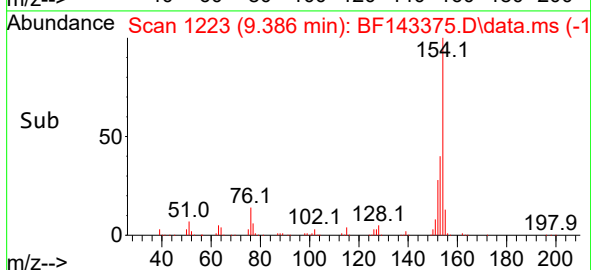
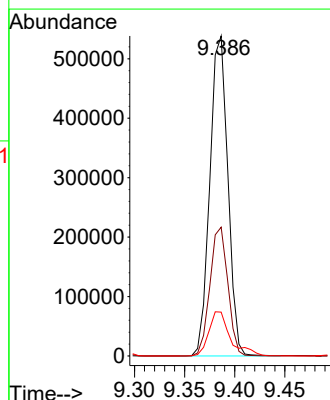
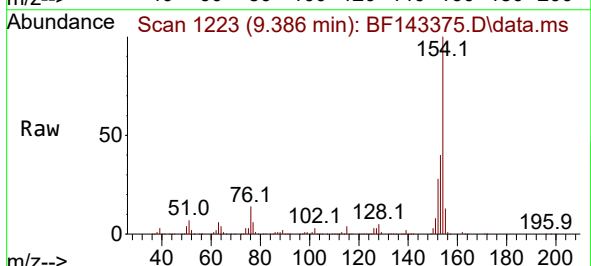
Tgt Ion:154 Resp: 673225

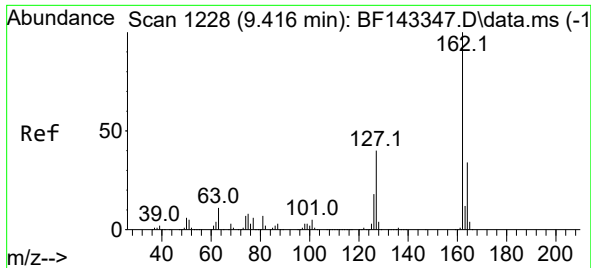
Ion Ratio Lower Upper

154 100

153 40.2 20.2 60.2

76 13.7 0.0 34.4





#47

2-Chloronaphthalene

Concen: 33.589 ng

RT: 9.410 min Scan# 1227

Delta R.T. -0.006 min

Lab File: BF143375.D

Acq: 13 Aug 2025 15:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

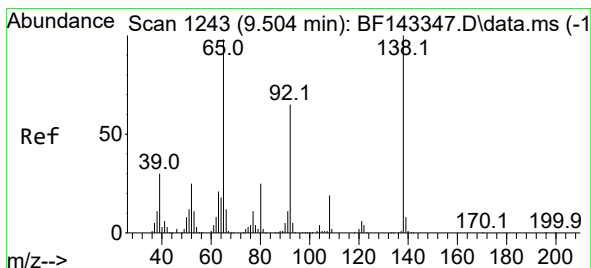
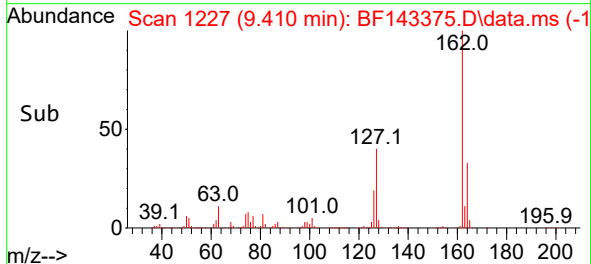
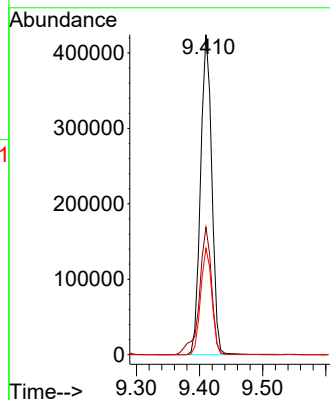
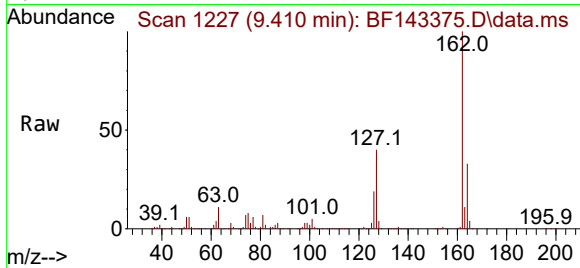
Tgt Ion:162 Resp: 52401
 Ion Ratio Lower Upper
 162 100
 127 39.8 32.1 48.1
 164 33.3 27.0 40.4

Manual Integrations

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Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#48

2-Nitroaniline

Concen: 35.664 ng

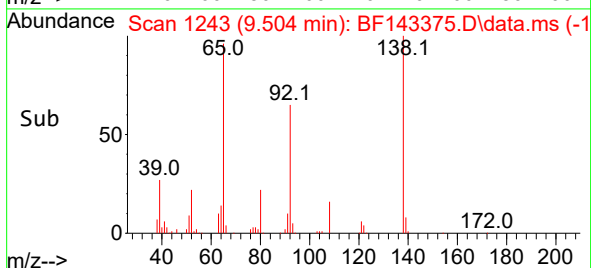
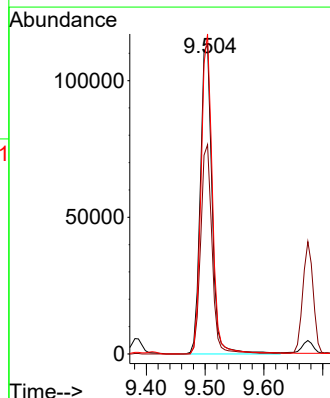
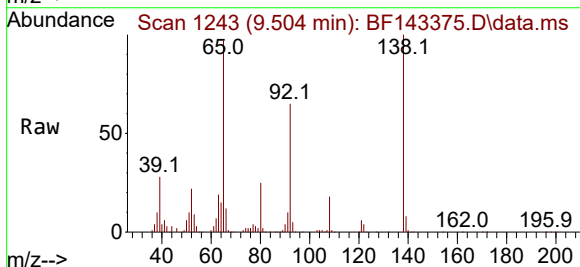
RT: 9.504 min Scan# 1243

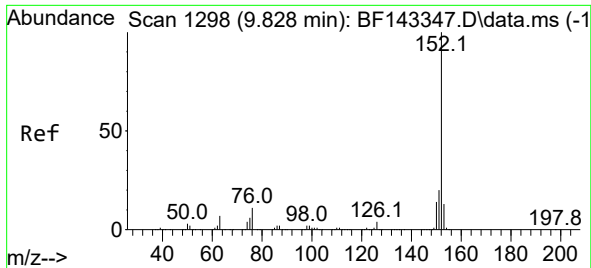
Delta R.T. 0.000 min

Lab File: BF143375.D

Acq: 13 Aug 2025 15:41

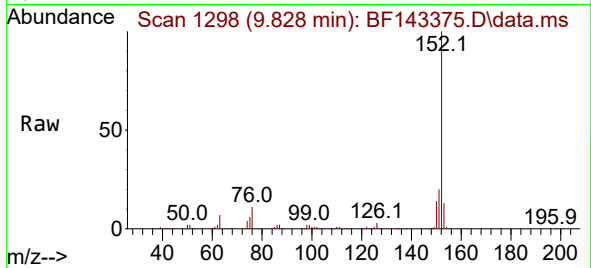
Tgt Ion: 65 Resp: 157073
 Ion Ratio Lower Upper
 65 100
 92 67.6 53.1 79.7
 138 103.3 81.4 122.0





#49
Acenaphthylene
Concen: 33.079 ng
RT: 9.828 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BF143375.D
Acq: 13 Aug 2025 15:41

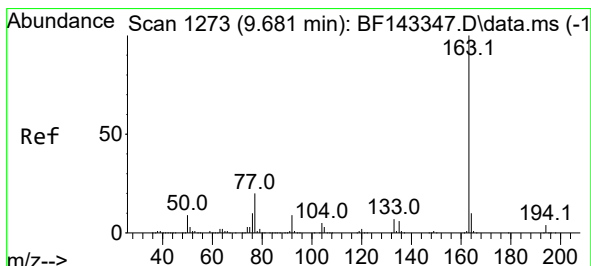
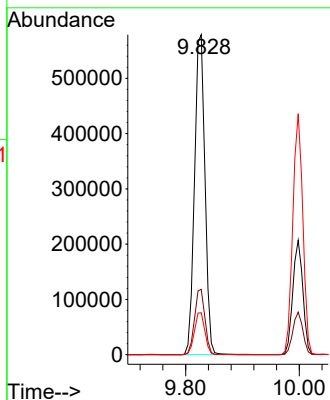
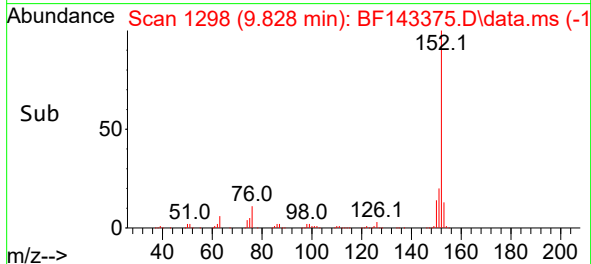
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



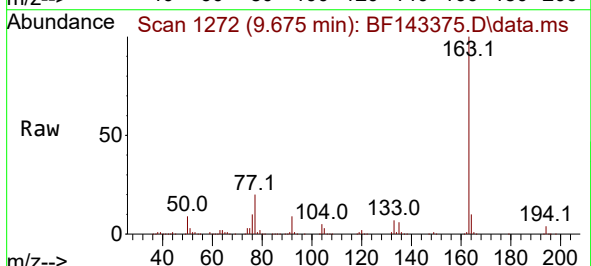
Tgt Ion:152 Resp: 745240
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2
153 13.1 10.6 16.0

Manual Integrations
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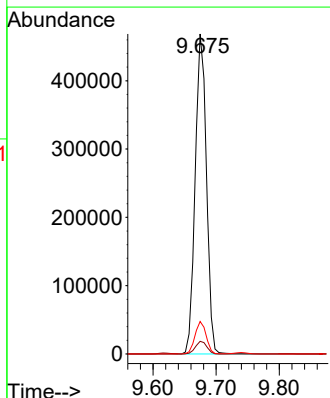
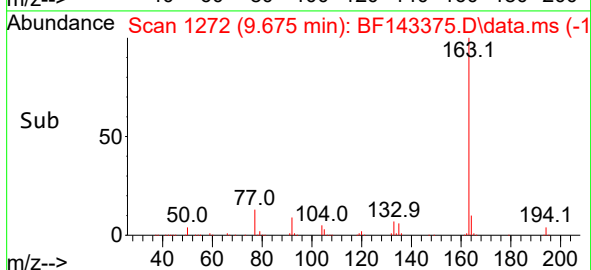
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025

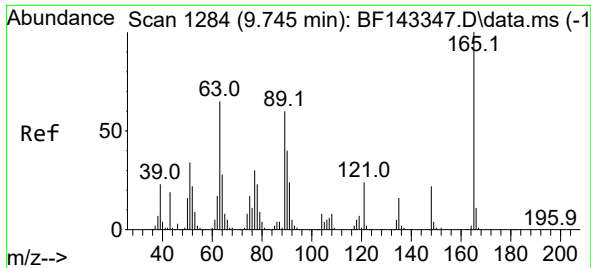


#50
Dimethylphthalate
Concen: 35.368 ng
RT: 9.675 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BF143375.D
Acq: 13 Aug 2025 15:41



Tgt Ion:163 Resp: 578964
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.1 8.2 12.2





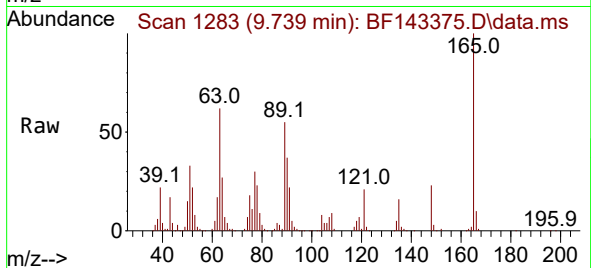
#51
2,6-Dinitrotoluene
Concen: 37.663 ng
RT: 9.739 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BF143375.D
Acq: 13 Aug 2025 15:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

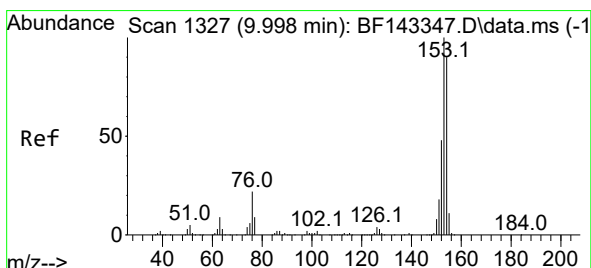
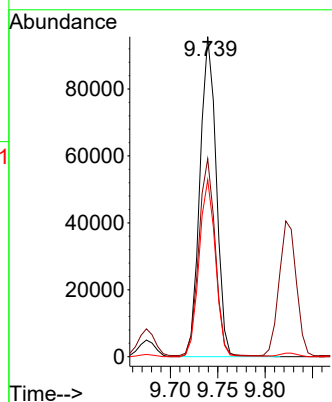
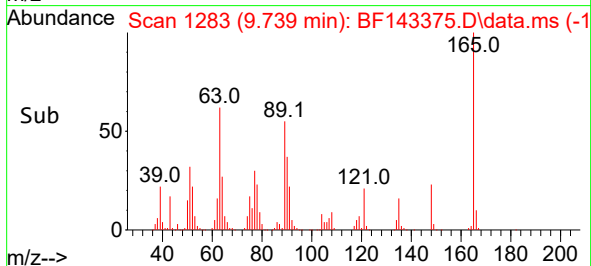


Tgt Ion:165 Resp: 11456
Ion Ratio Lower Upper
165 100
63 61.9 51.6 77.4
89 55.2 47.7 71.5

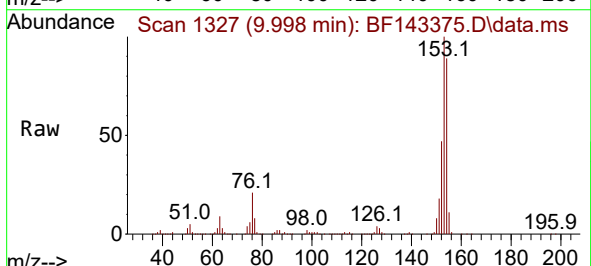
Manual Integrations

APPROVED

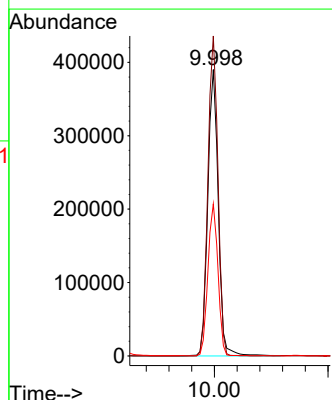
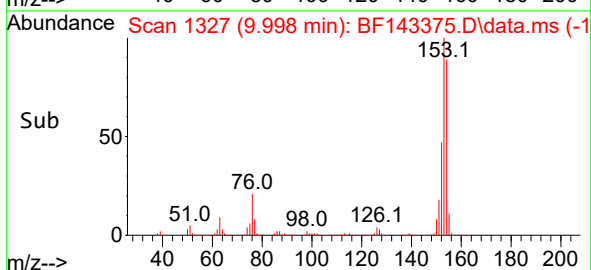
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025

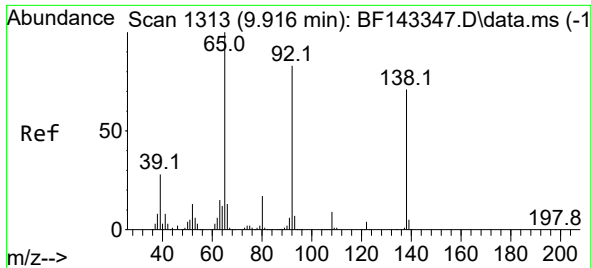


#52
Acenaphthene
Concen: 33.135 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF143375.D
Acq: 13 Aug 2025 15:41



Tgt Ion:154 Resp: 496290
Ion Ratio Lower Upper
154 100
153 111.7 88.5 132.7
152 53.1 42.4 63.6





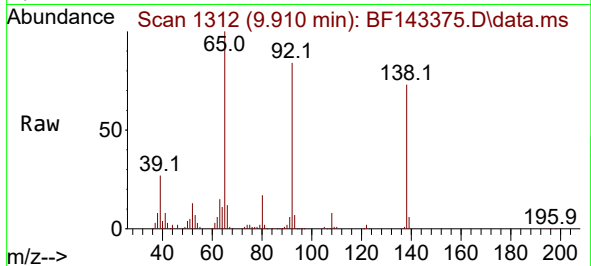
#53
3-Nitroaniline
Concen: 37.068 ng
RT: 9.910 min Scan# 1312
Delta R.T. -0.006 min
Lab File: BF143375.D
Acq: 13 Aug 2025 15:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



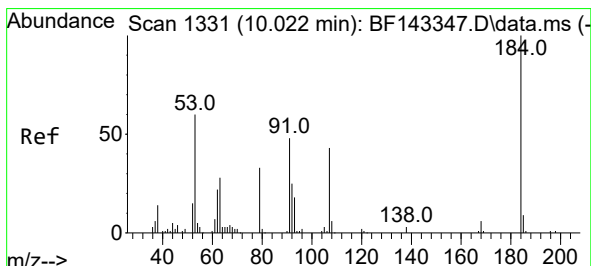
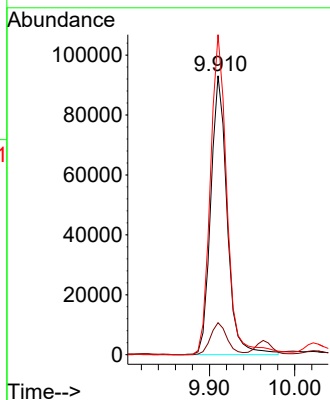
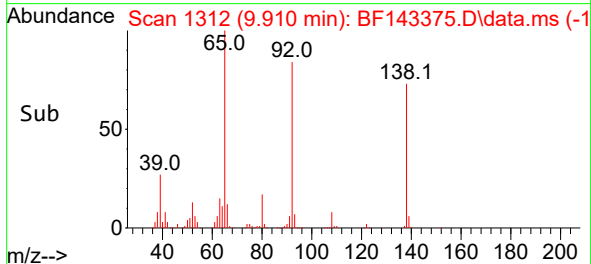
Tgt Ion:138 Resp: 124269
Ion Ratio Lower Upper
138 100
108 11.5 9.6 14.4
92 114.7 93.4 140.2

Manual Integrations

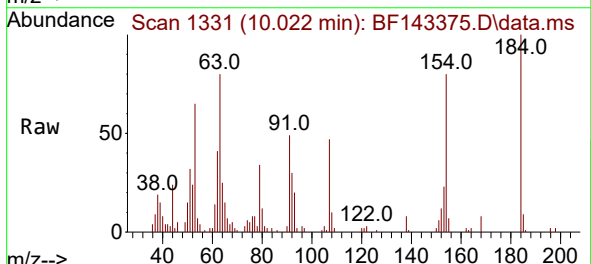
APPROVED

Reviewed By :Rahul Chavli 08/14/2025

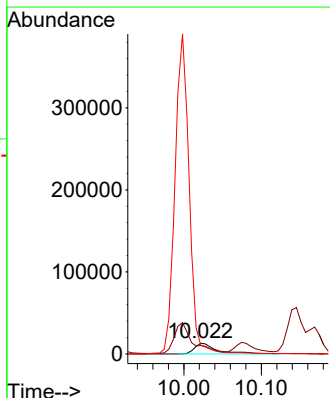
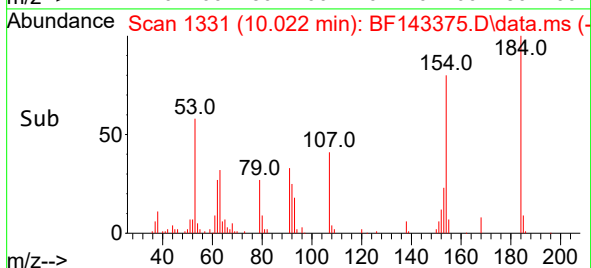
Supervised By :Jagrut Upadhyay 08/15/2025

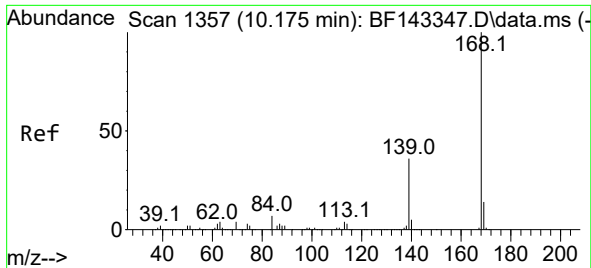


#54
2,4-Dinitrophenol
Concen: 31.747 ng
RT: 10.022 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF143375.D
Acq: 13 Aug 2025 15:41



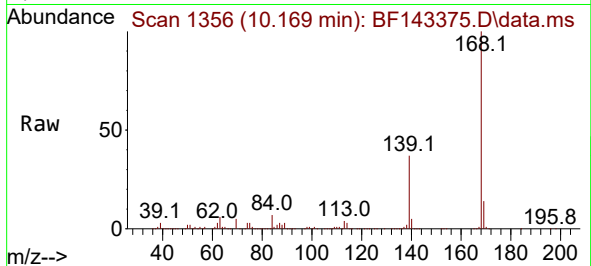
Tgt Ion:184 Resp: 26990
Ion Ratio Lower Upper
184 100
63 80.0 62.5 93.7
154 80.1 73.0 109.4





#55
Dibenzenofuran
Concen: 32.990 ng
RT: 10.169 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143375.D
Acq: 13 Aug 2025 15:41

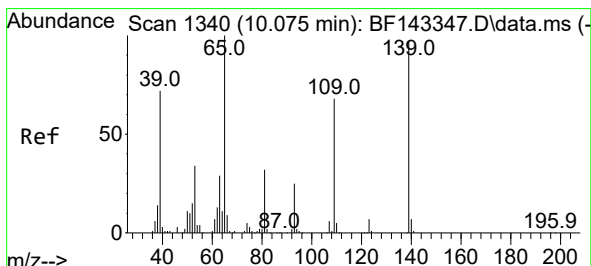
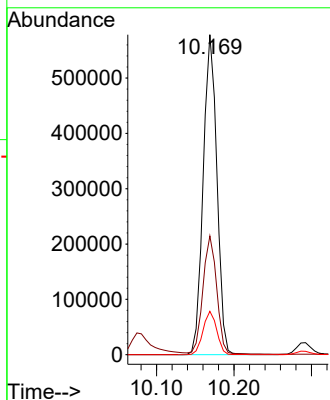
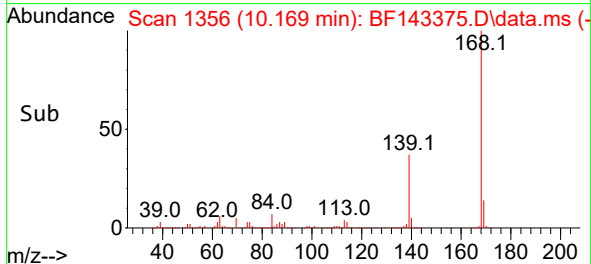
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:168 Resp: 711150
Ion Ratio Lower Upper
168 100
139 37.1 29.4 44.0
169 13.6 11.0 16.6

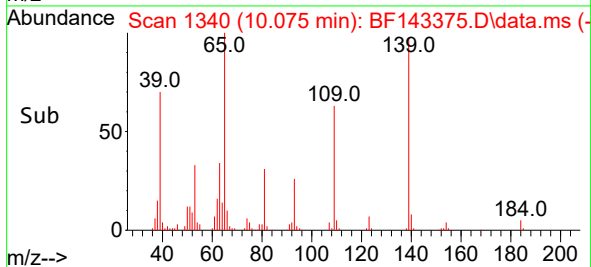
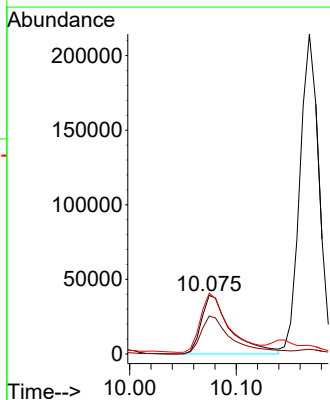
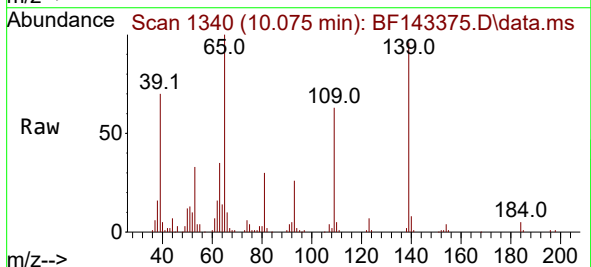
Manual Integrations
APPROVED

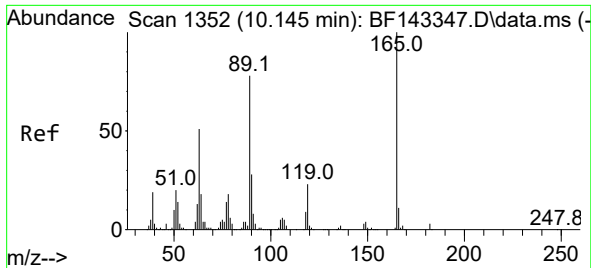
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#56
4-Nitrophenol
Concen: 31.741 ng
RT: 10.075 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BF143375.D
Acq: 13 Aug 2025 15:41

Tgt Ion:139 Resp: 75539
Ion Ratio Lower Upper
139 100
109 64.9 49.4 89.4
65 103.8 83.7 123.7





#57
2,4-Dinitrotoluene
Concen: 37.646 ng
RT: 10.145 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143375.D
Acq: 13 Aug 2025 15:41

Instrument :

BNA_F

ClientSampleId :

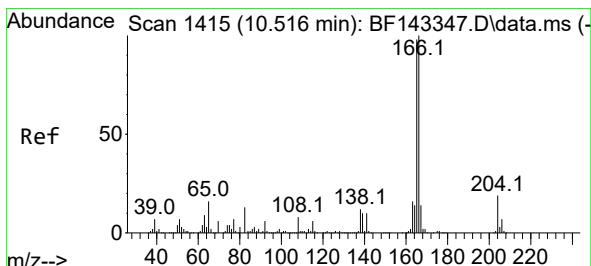
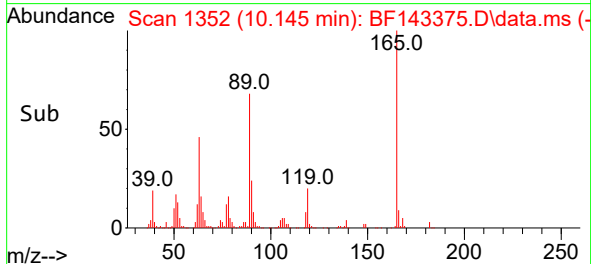
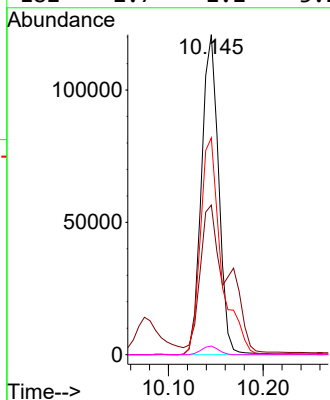
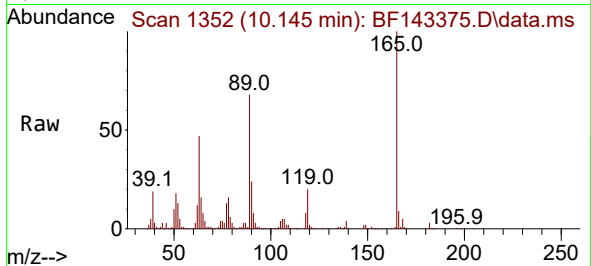
SSTDCCC040EC

Tgt Ion:165 Resp: 15189
Ion Ratio Lower Upper
165 100
63 46.8 41.8 62.8
89 67.7 62.4 93.6
182 2.7 2.2 3.2

Manual Integrations

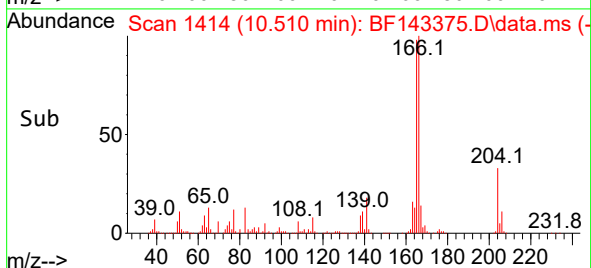
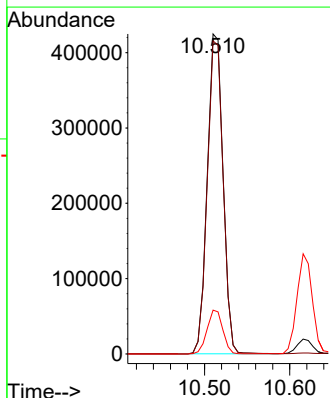
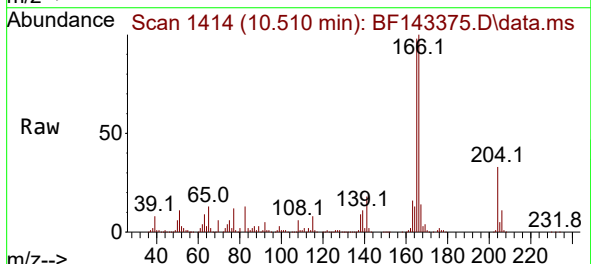
APPROVED

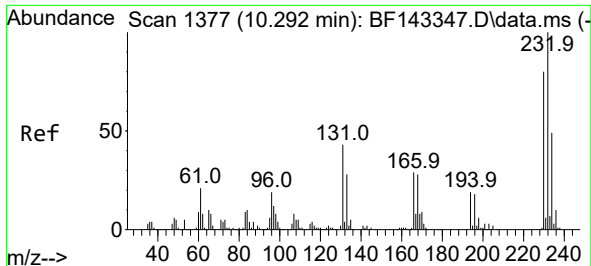
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#58
Fluorene
Concen: 33.121 ng
RT: 10.510 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF143375.D
Acq: 13 Aug 2025 15:41

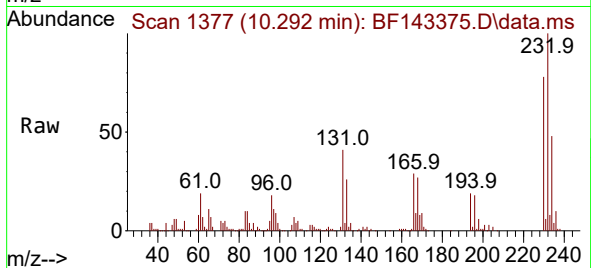
Tgt Ion:166 Resp: 545337
Ion Ratio Lower Upper
166 100
165 97.8 78.2 117.4
167 13.7 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 34.306 ng
RT: 10.292 min Scan# 1377
Delta R.T. -0.000 min
Lab File: BF143375.D
Acq: 13 Aug 2025 15:41

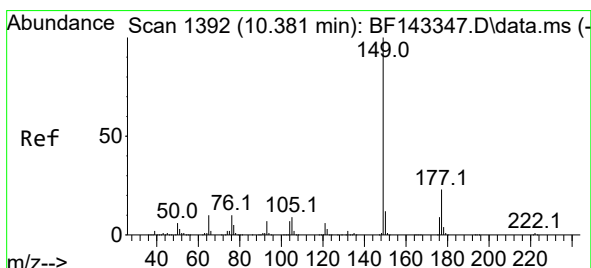
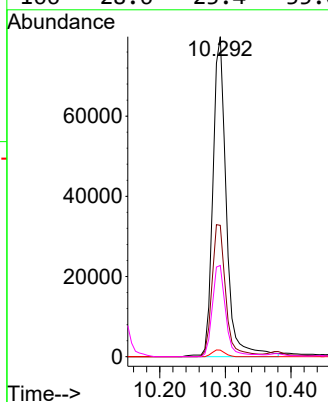
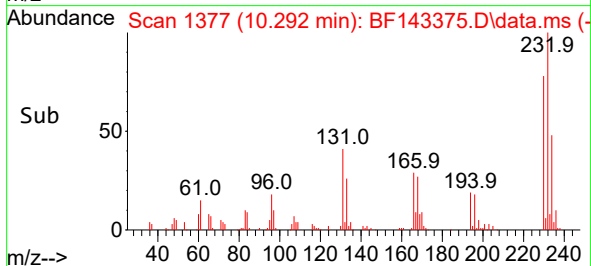
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:232 Resp: 11359
Ion Ratio Lower Upper
232 100
131 42.3 34.6 51.8
130 2.0 1.7 2.5
166 28.6 23.4 35.0

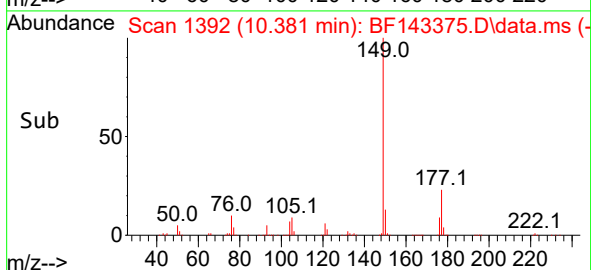
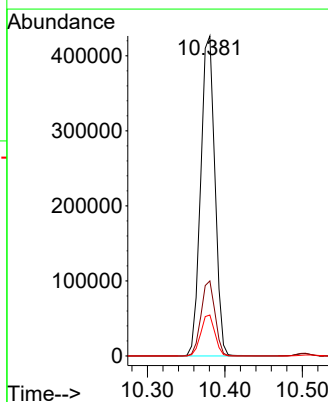
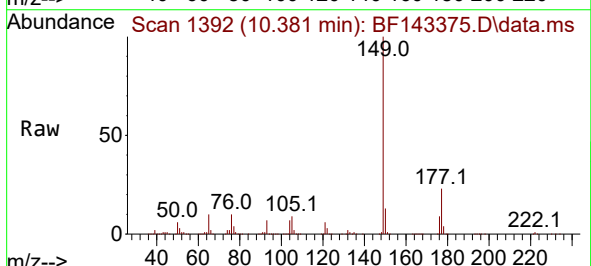
Manual Integrations
APPROVED

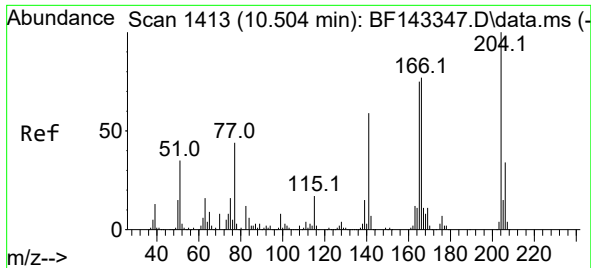
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#60
Diethylphthalate
Concen: 37.021 ng
RT: 10.381 min Scan# 1392
Delta R.T. -0.000 min
Lab File: BF143375.D
Acq: 13 Aug 2025 15:41

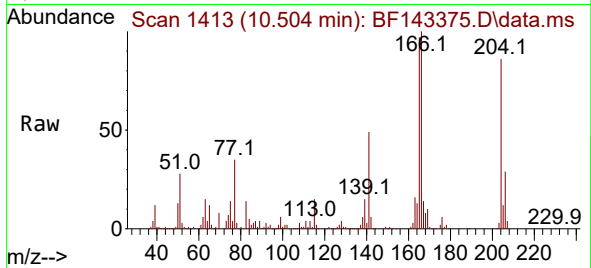
Tgt Ion:149 Resp: 542830
Ion Ratio Lower Upper
149 100
177 23.4 18.2 27.2
150 12.8 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 34.812 ng
RT: 10.504 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF143375.D
Acq: 13 Aug 2025 15:41

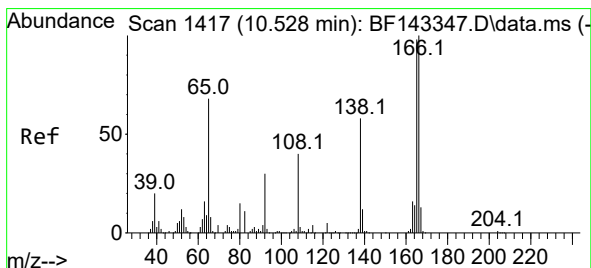
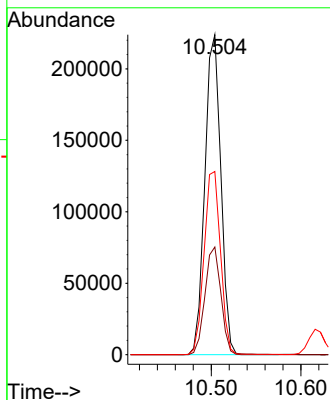
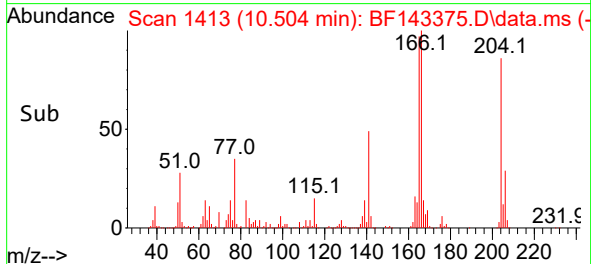
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



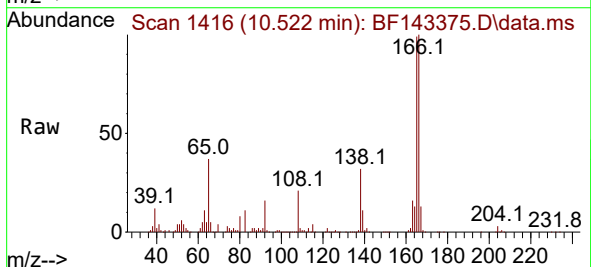
Tgt Ion:204 Resp: 27695
Ion Ratio Lower Upper
204 100
206 33.7 27.4 41.2
141 57.3 46.9 70.3

Manual Integrations
APPROVED

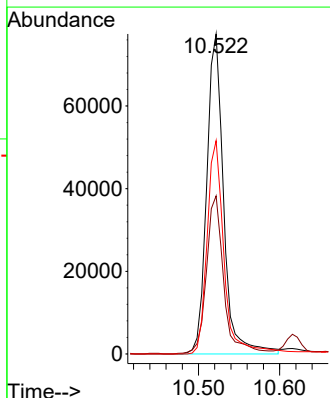
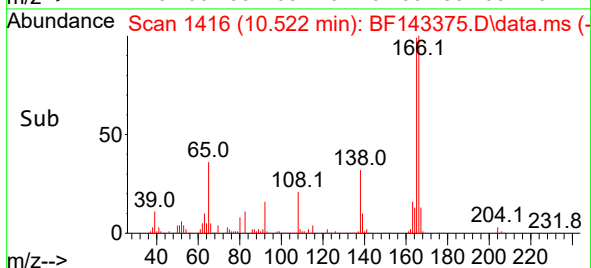
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025

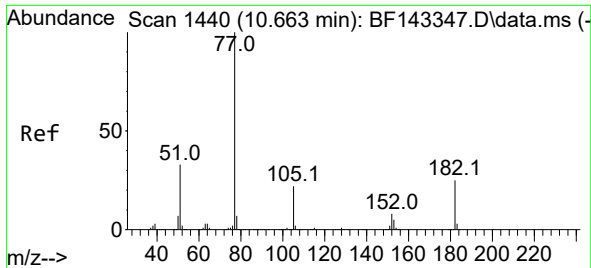


#62
4-Nitroaniline
Concen: 34.507 ng
RT: 10.522 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF143375.D
Acq: 13 Aug 2025 15:41



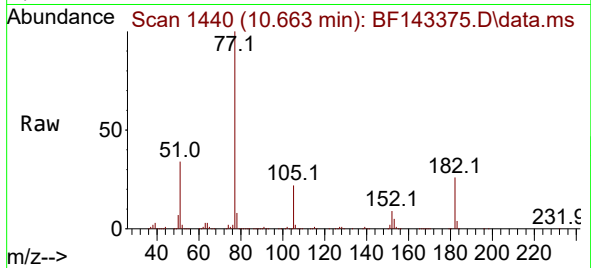
Tgt Ion:138 Resp: 111923
Ion Ratio Lower Upper
138 100
92 49.4 31.2 71.2
108 66.7 48.1 88.1





#63
Azobenzene
Concen: 32.926 ng
RT: 10.663 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF143375.D
Acq: 13 Aug 2025 15:41

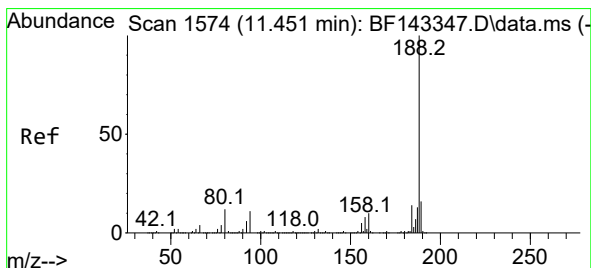
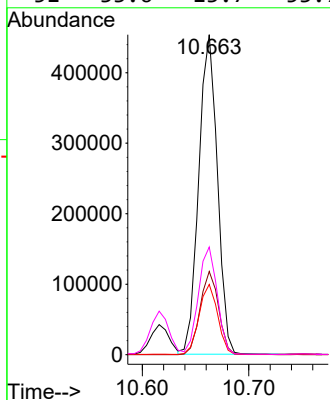
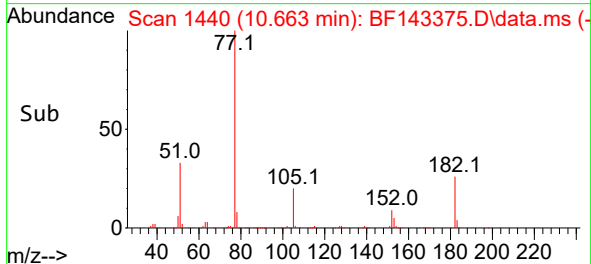
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



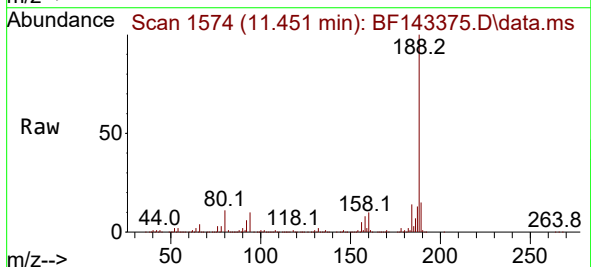
Tgt Ion: 77 Resp: 55145
Ion Ratio Lower Upper
77 100
182 26.0 4.4 44.4
105 22.0 1.8 41.8
51 33.6 13.7 53.7

Manual Integrations
APPROVED

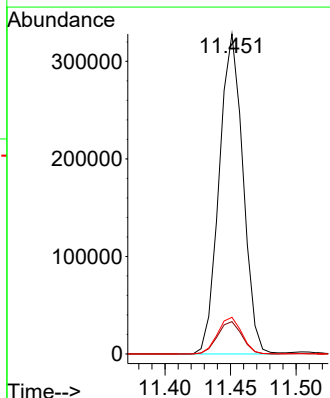
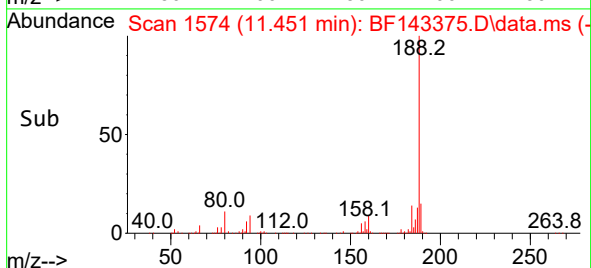
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025

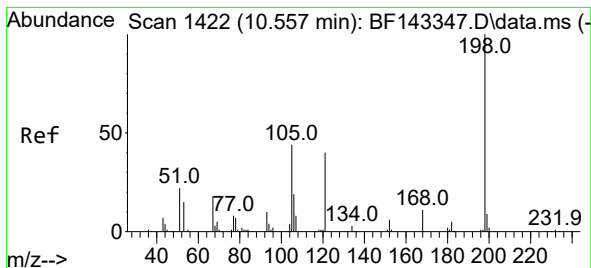


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BF143375.D
Acq: 13 Aug 2025 15:41



Tgt Ion:188 Resp: 414161
Ion Ratio Lower Upper
188 100
94 10.1 8.8 13.2
80 11.5 9.7 14.5





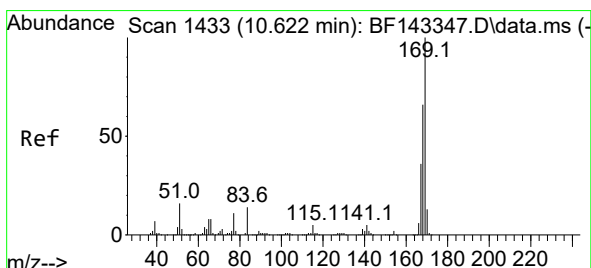
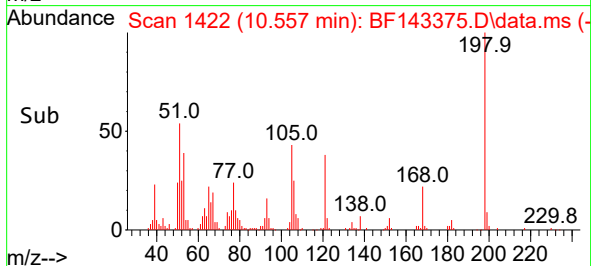
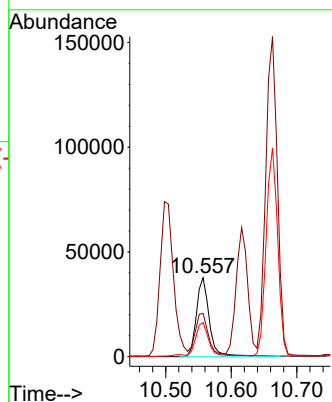
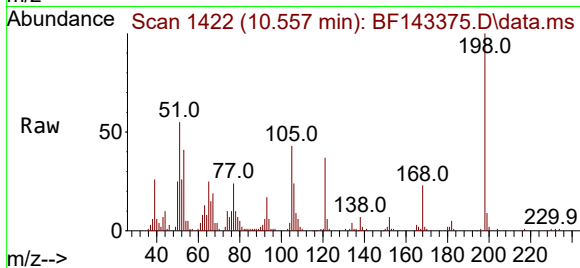
#65
4,6-Dinitro-2-methylphenol
Concen: 33.493 ng
RT: 10.557 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF143375.D
Acq: 13 Aug 2025 15:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:198 Resp: 51789
Ion Ratio Lower Upper
198 100
51 54.7 41.7 81.7
105 43.1 26.8 66.8

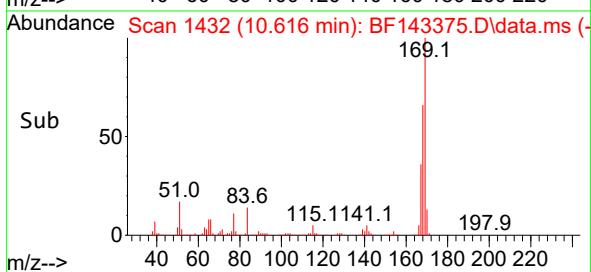
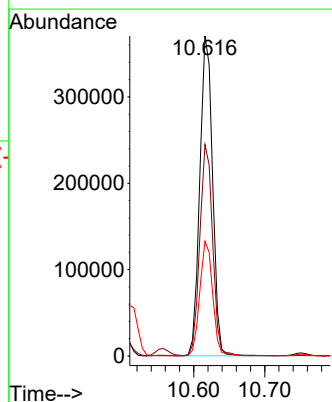
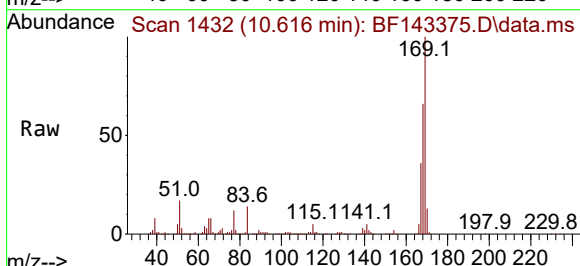
Manual Integrations
APPROVED

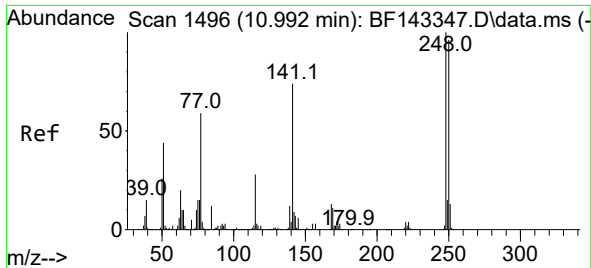
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#66
n-Nitrosodiphenylamine
Concen: 33.956 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF143375.D
Acq: 13 Aug 2025 15:41

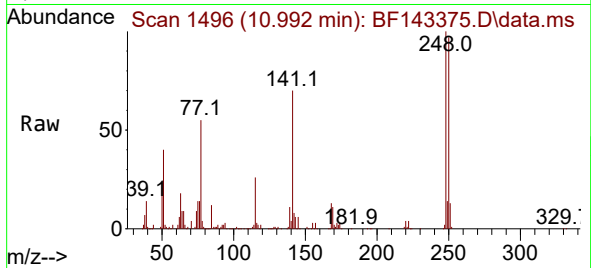
Tgt Ion:169 Resp: 463067
Ion Ratio Lower Upper
169 100
168 66.0 52.7 79.1
167 35.9 28.6 42.8





#67
4-Bromophenyl-phenylether
Concen: 35.507 ng
RT: 10.992 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BF143375.D
Acq: 13 Aug 2025 15:41

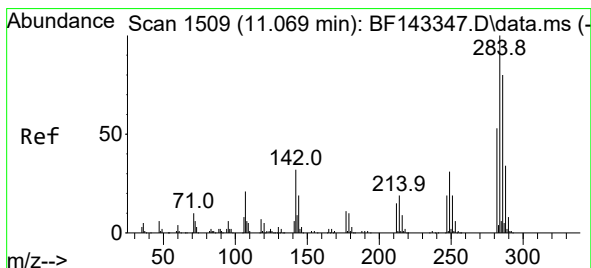
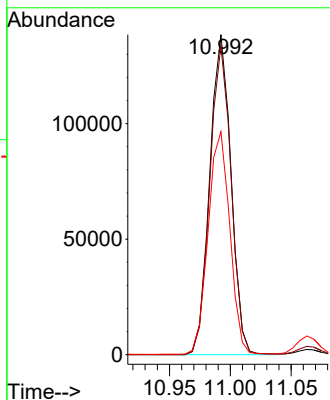
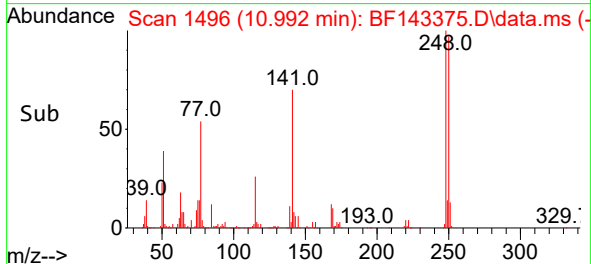
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:248 Resp: 16818
Ion Ratio Lower Upper
248 100
250 96.5 77.1 115.7
141 69.7 59.1 88.7

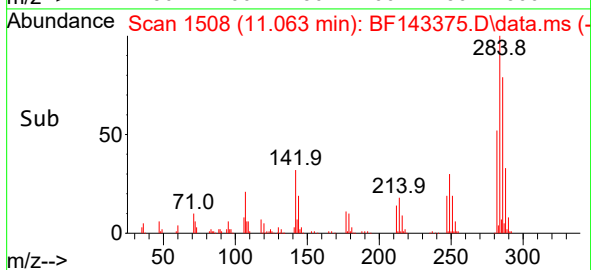
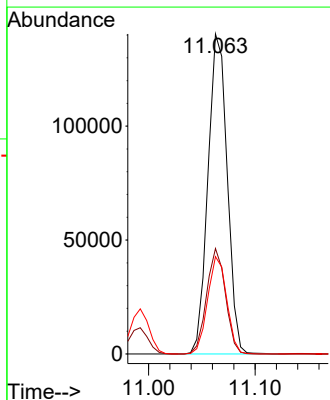
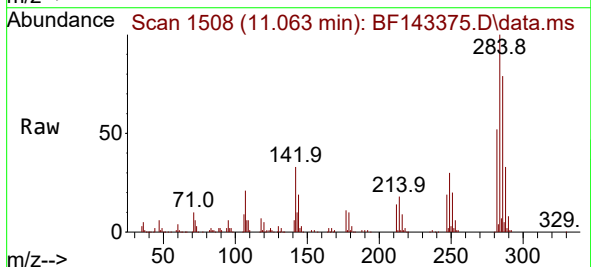
Manual Integrations
APPROVED

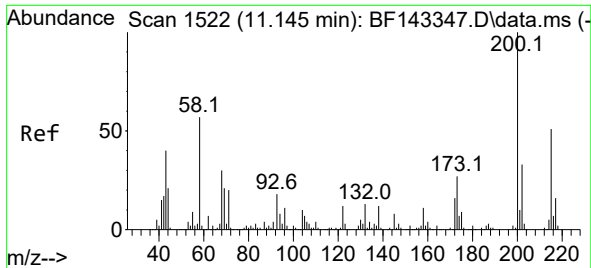
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#68
Hexachlorobenzene
Concen: 34.499 ng
RT: 11.063 min Scan# 1508
Delta R.T. -0.006 min
Lab File: BF143375.D
Acq: 13 Aug 2025 15:41

Tgt Ion:284 Resp: 176143
Ion Ratio Lower Upper
284 100
142 33.0 25.7 38.5
249 30.4 24.6 37.0





#69
 Atrazine
 Concen: 40.822 ng
 RT: 11.139 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF143375.D
 Acq: 13 Aug 2025 15:41

Instrument :

BNA_F

ClientSampleId :

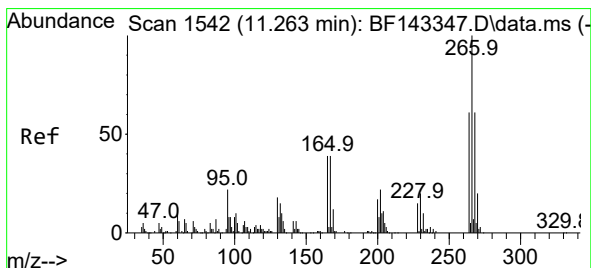
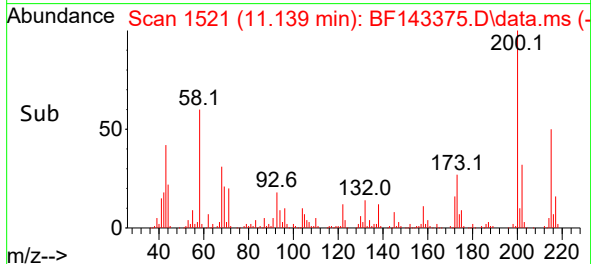
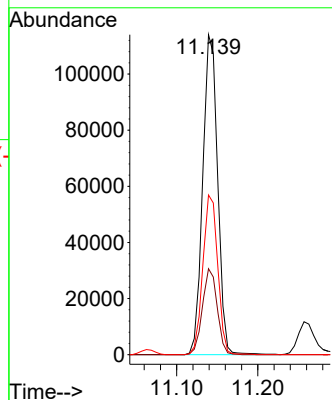
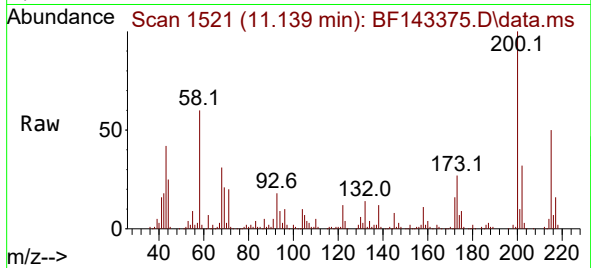
SSTDCCC040EC

Tgt Ion:200 Resp: 14520
 Ion Ratio Lower Upper
 200 100
 173 26.9 6.6 46.6
 215 49.9 30.6 70.6

Manual Integrations

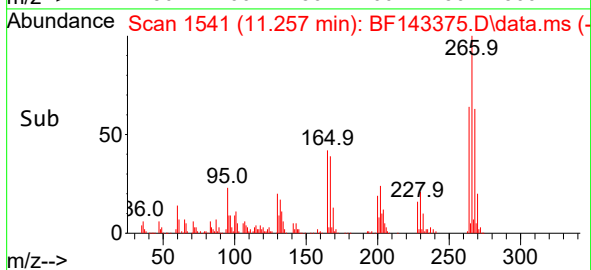
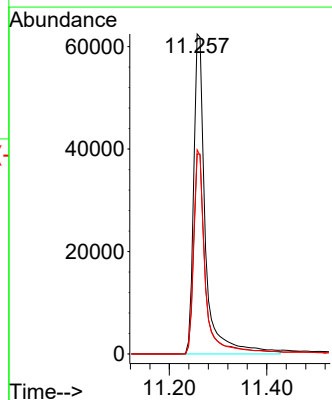
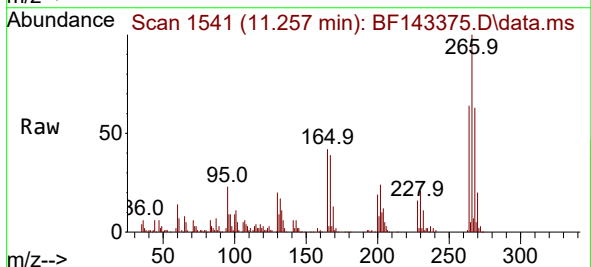
APPROVED

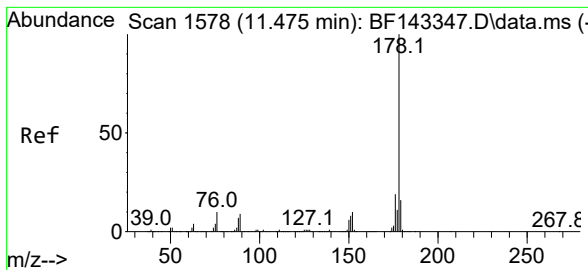
Reviewed By :Rahul Chavli 08/14/2025
 Supervised By :Jagrut Upadhyay 08/15/2025



#70
 Pentachlorophenol
 Concen: 45.062 ng
 RT: 11.257 min Scan# 1541
 Delta R.T. -0.006 min
 Lab File: BF143375.D
 Acq: 13 Aug 2025 15:41

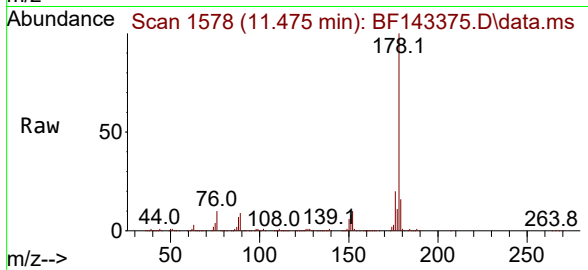
Tgt Ion:266 Resp: 105636
 Ion Ratio Lower Upper
 266 100
 268 62.5 48.8 73.2
 264 63.8 48.8 73.2





#71
Phenanthrene
Concen: 32.777 ng
RT: 11.475 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BF143375.D
Acq: 13 Aug 2025 15:41

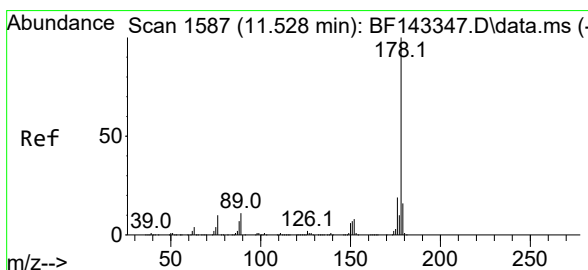
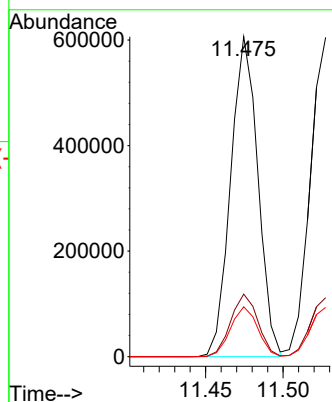
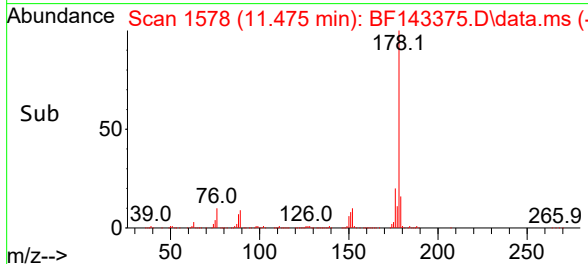
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:178 Resp: 74064
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 15.6 12.5 18.7

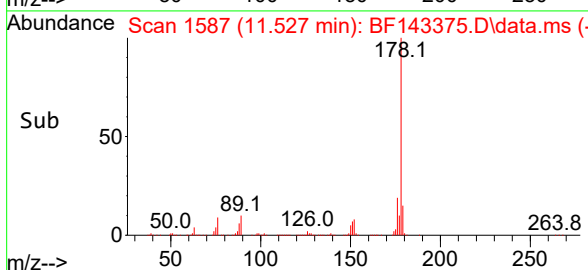
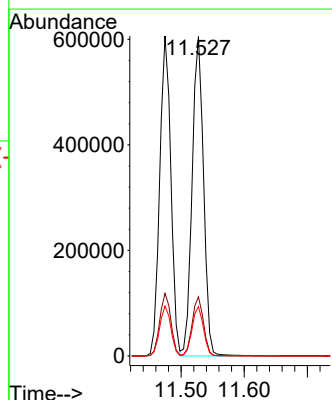
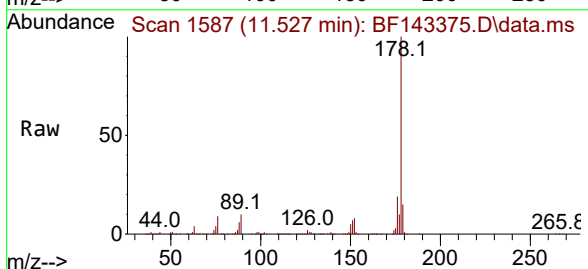
Manual Integrations
APPROVED

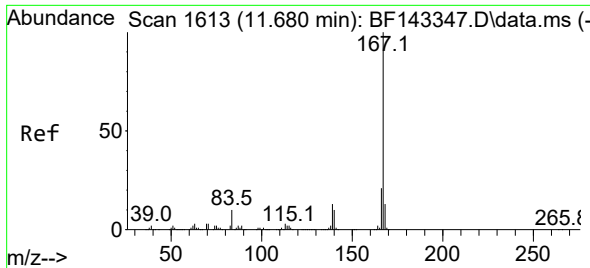
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#72
Anthracene
Concen: 33.161 ng
RT: 11.527 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BF143375.D
Acq: 13 Aug 2025 15:41

Tgt Ion:178 Resp: 759937
Ion Ratio Lower Upper
178 100
176 18.5 15.1 22.7
179 15.5 12.7 19.1





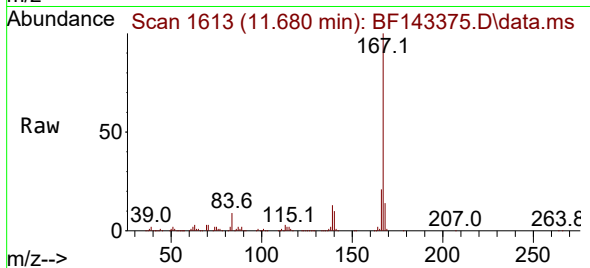
#73
 Carbazole
 Concen: 32.752 ng
 RT: 11.680 min Scan# 1613
 Delta R.T. -0.000 min
 Lab File: BF143375.D
 Acq: 13 Aug 2025 15:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



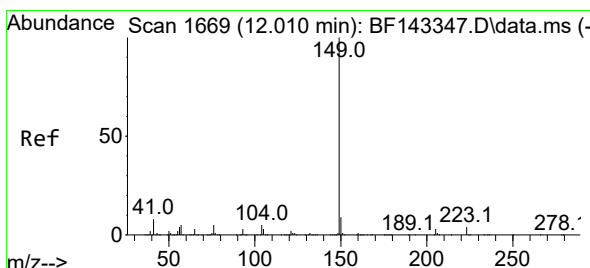
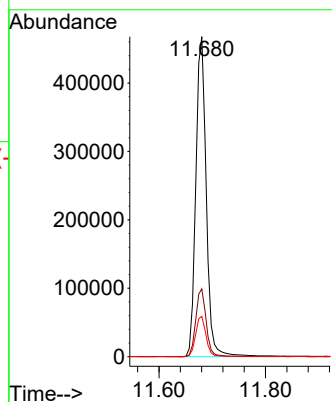
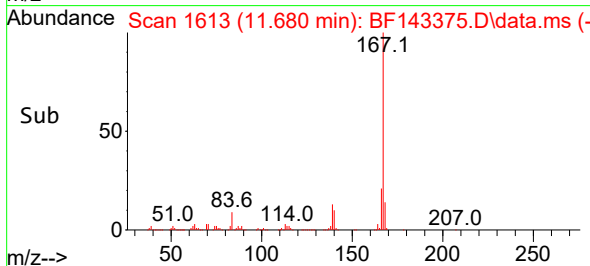
Tgt Ion:167 Resp: 63921
 Ion Ratio Lower Upper
 167 100
 166 21.2 16.8 25.2
 139 12.6 10.2 15.2

Manual Integrations

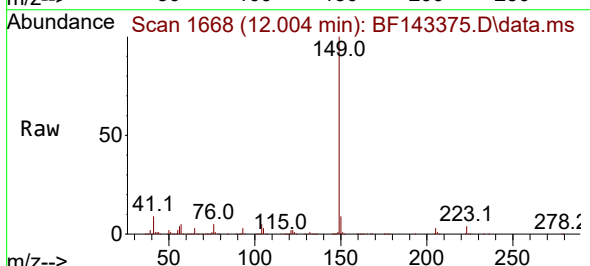
APPROVED

Reviewed By :Rahul Chavli 08/14/2025

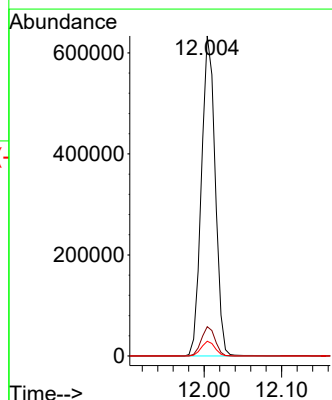
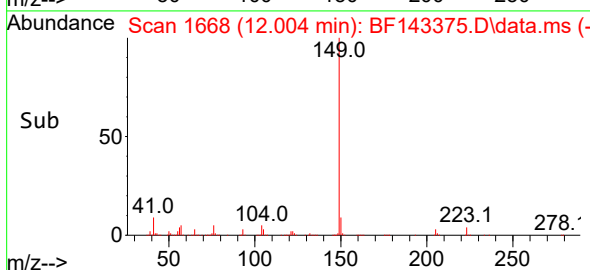
Supervised By :Jagrut Upadhyay 08/15/2025

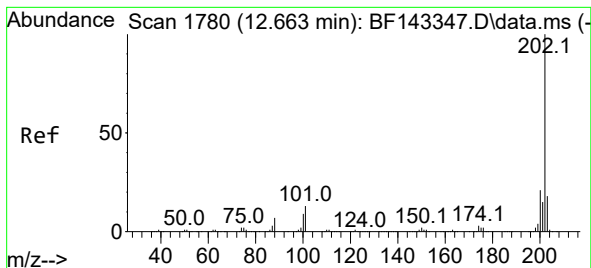


#74
 Di-n-butylphthalate
 Concen: 47.381 ng
 RT: 12.004 min Scan# 1668
 Delta R.T. -0.006 min
 Lab File: BF143375.D
 Acq: 13 Aug 2025 15:41



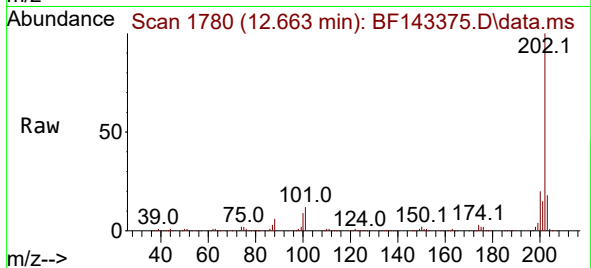
Tgt Ion:149 Resp: 782503
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 4.6 3.8 5.8





#75
Fluoranthene
Concen: 35.311 ng
RT: 12.663 min Scan# 1780
Delta R.T. 0.000 min
Lab File: BF143375.D
Acq: 13 Aug 2025 15:41

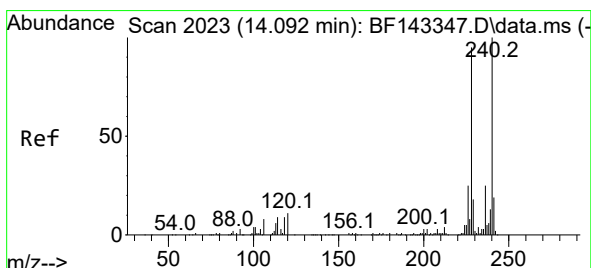
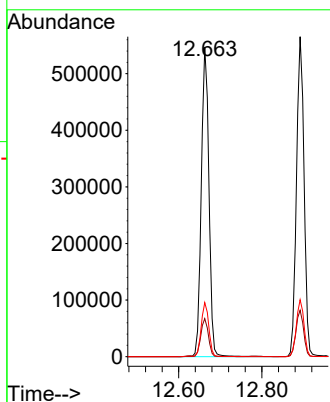
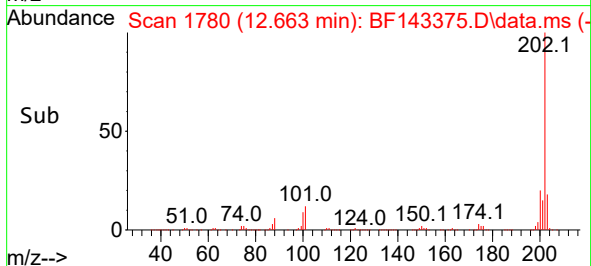
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



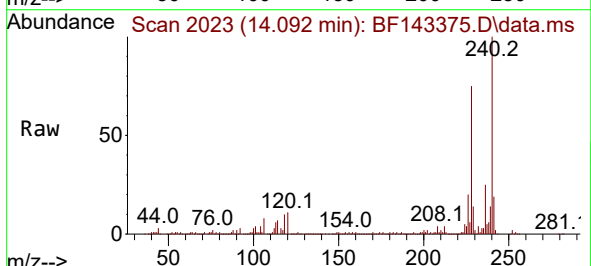
Tgt Ion:202 Resp: 69892
Ion Ratio Lower Upper
202 100
101 12.3 0.0 33.2
203 17.5 0.0 37.6

Manual Integrations
APPROVED

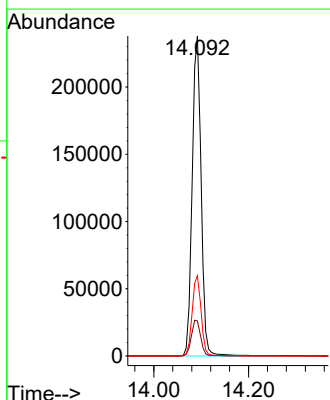
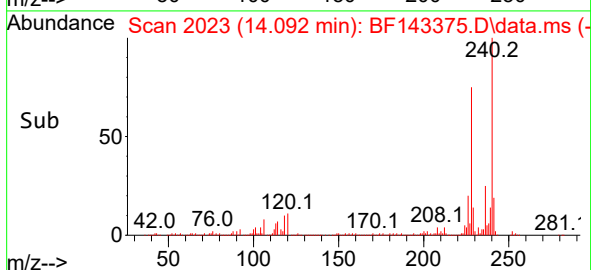
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025

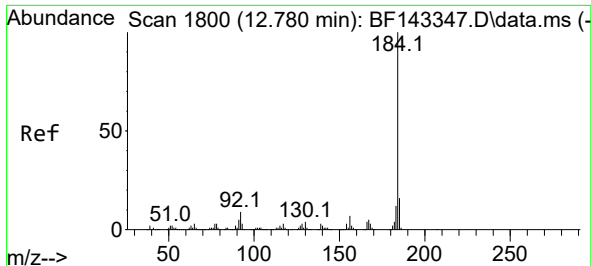


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BF143375.D
Acq: 13 Aug 2025 15:41



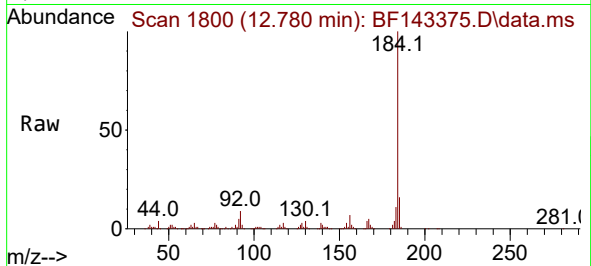
Tgt Ion:240 Resp: 311692
Ion Ratio Lower Upper
240 100
120 11.0 9.0 13.6
236 25.1 19.9 29.9





#77
Benzidine
Concen: 30.486 ng
RT: 12.780 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BF143375.D
Acq: 13 Aug 2025 15:41

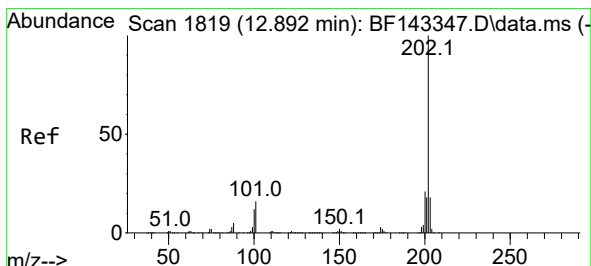
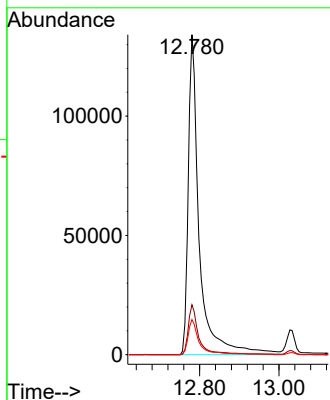
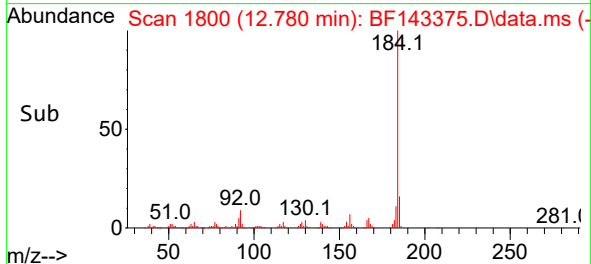
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:184 Resp: 259780
Ion Ratio Lower Upper
184 100
185 15.6 12.8 19.2
183 10.9 9.3 13.9

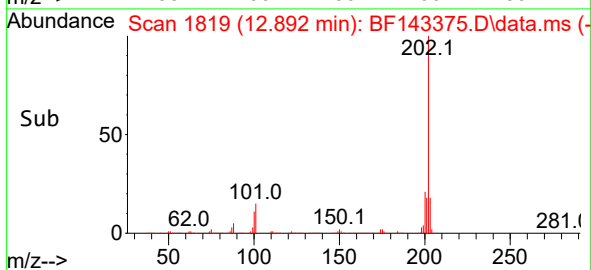
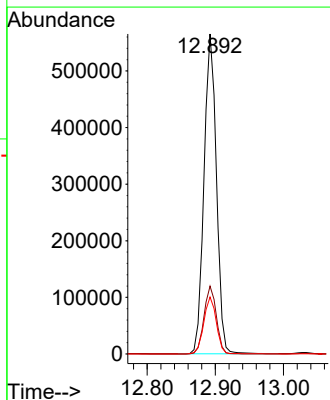
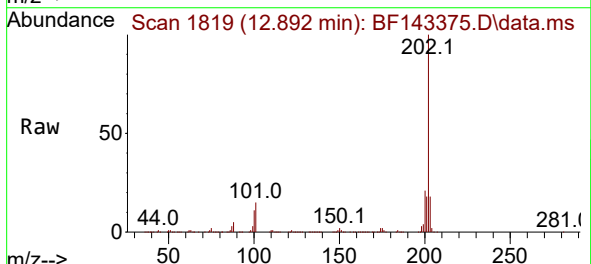
Manual Integrations
APPROVED

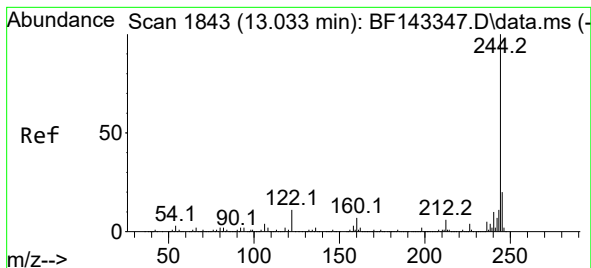
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#78
Pyrene
Concen: 27.393 ng
RT: 12.892 min Scan# 1819
Delta R.T. -0.000 min
Lab File: BF143375.D
Acq: 13 Aug 2025 15:41

Tgt Ion:202 Resp: 716275
Ion Ratio Lower Upper
202 100
200 21.2 16.8 25.2
203 17.8 14.2 21.4





#79

Terphenyl-d14

Concen: 60.724 ng

RT: 13.033 min Scan# 1843

Delta R.T. -0.000 min

Lab File: BF143375.D

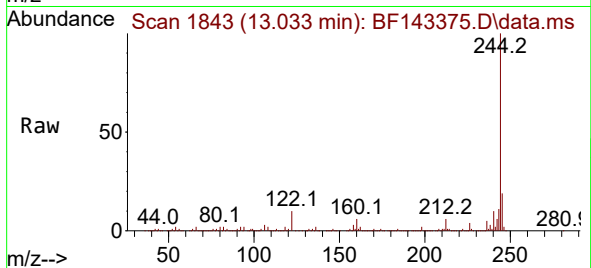
Acq: 13 Aug 2025 15:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:244 Resp: 106014

Ion Ratio Lower Upper

244 100

212 6.3 5.1 7.7

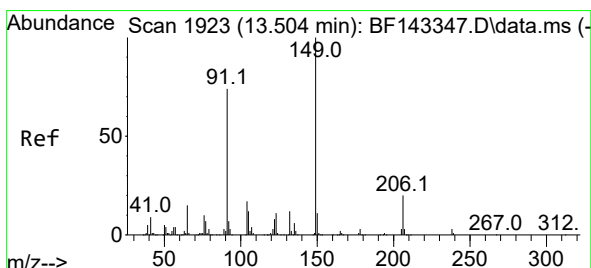
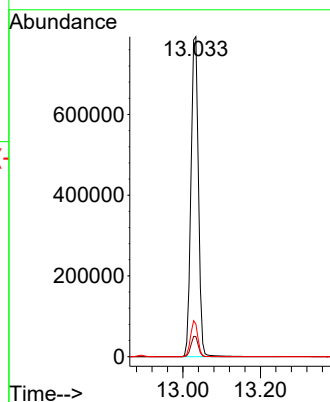
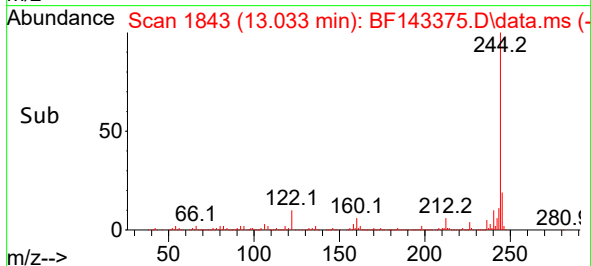
122 10.2 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#80

Butylbenzylphthalate

Concen: 53.064 ng

RT: 13.504 min Scan# 1923

Delta R.T. -0.000 min

Lab File: BF143375.D

Acq: 13 Aug 2025 15:41

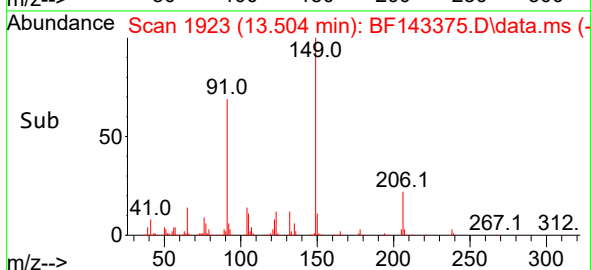
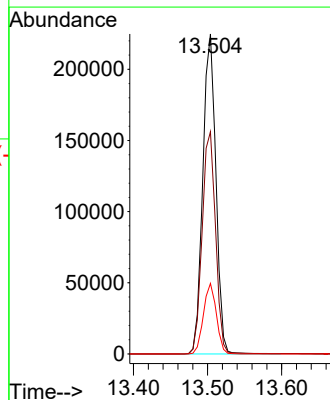
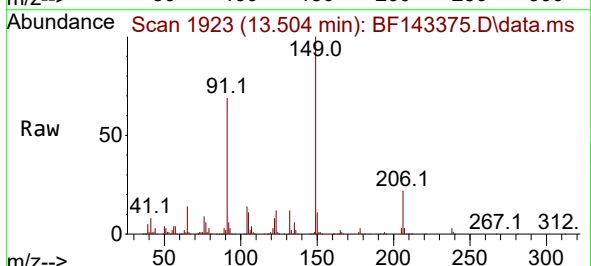
Tgt Ion:149 Resp: 276153

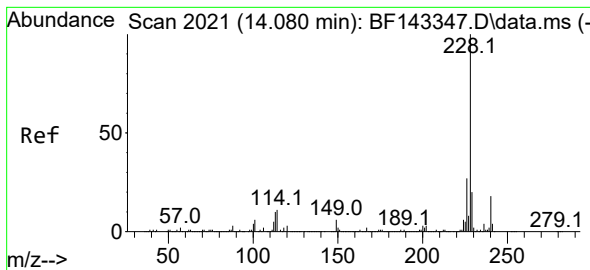
Ion Ratio Lower Upper

149 100

91 69.4 58.8 88.2

206 22.1 16.4 24.6





#81

Benzo(a)anthracene

Concen: 32.789 ng

RT: 14.080 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF143375.D

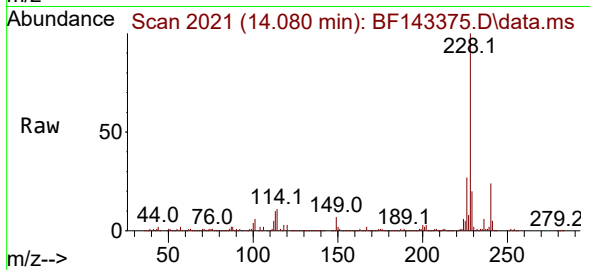
Acq: 13 Aug 2025 15:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:228 Resp: 649572

Ion Ratio Lower Upper

228 100

226 27.1 22.0 33.0

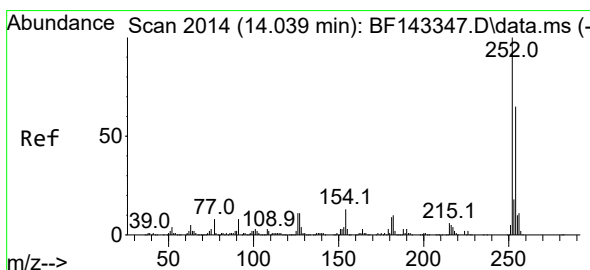
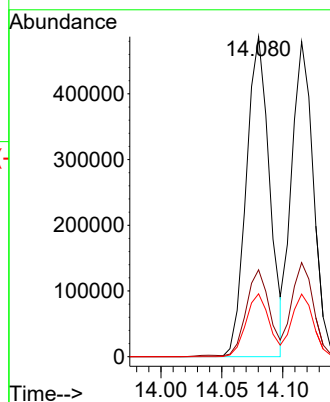
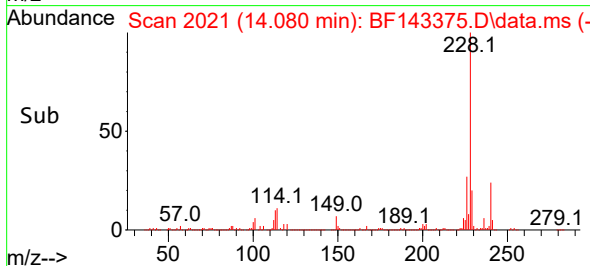
229 19.6 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#82

3,3'-Dichlorobenzidine

Concen: 41.046 ng

RT: 14.039 min Scan# 2014

Delta R.T. -0.000 min

Lab File: BF143375.D

Acq: 13 Aug 2025 15:41

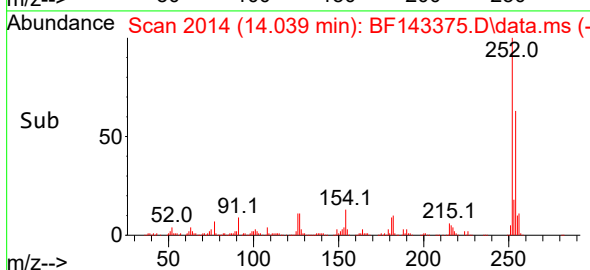
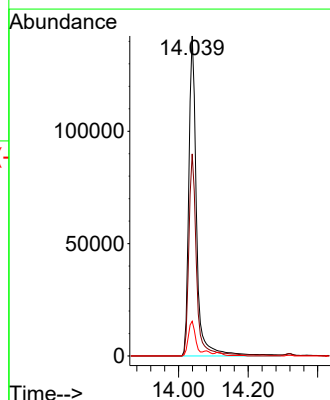
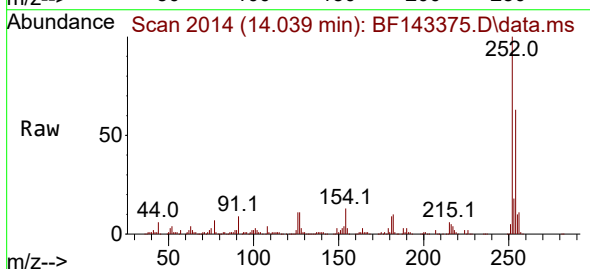
Tgt Ion:252 Resp: 219574

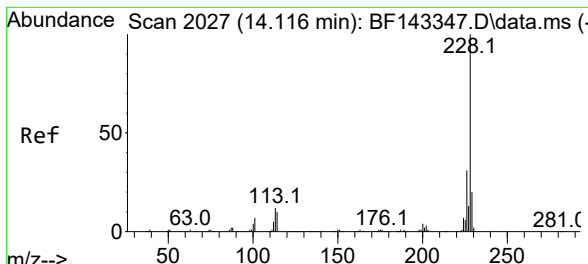
Ion Ratio Lower Upper

252 100

254 63.2 51.7 77.5

126 10.9 9.2 13.8





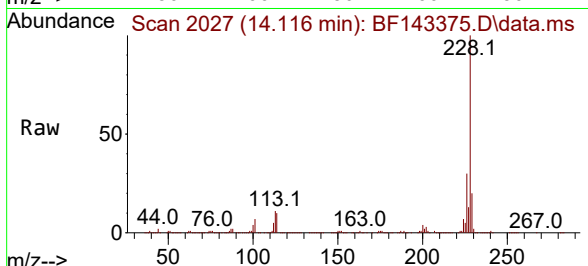
#83
 Chrysene
 Concen: 32.851 ng
 RT: 14.116 min Scan# 2027
 Delta R.T. -0.000 min
 Lab File: BF143375.D
 Acq: 13 Aug 2025 15:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



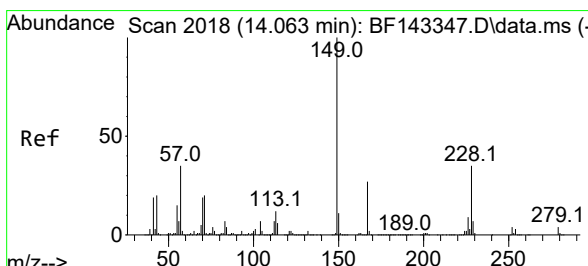
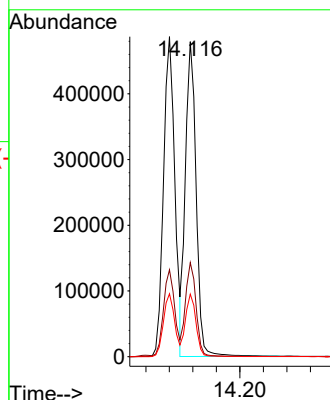
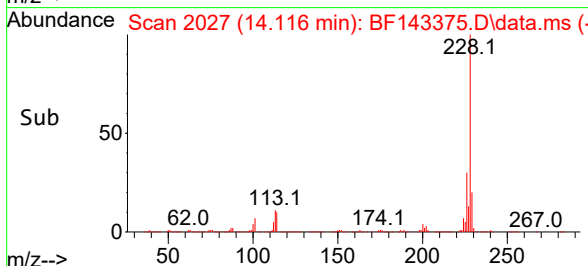
Tgt Ion:228 Resp: 60685
 Ion Ratio Lower Upper
 228 100
 226 29.8 24.2 36.2
 229 19.9 15.8 23.6

Manual Integrations

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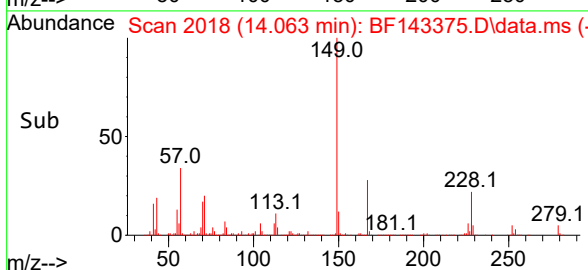
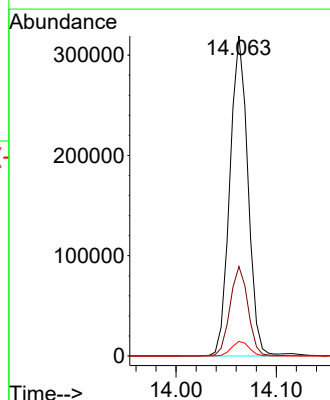
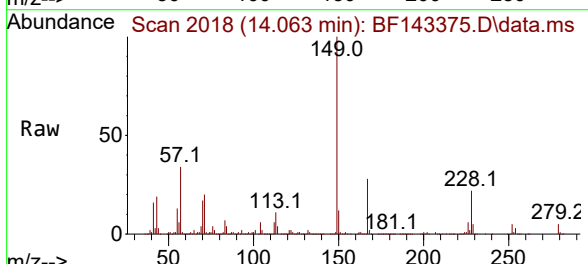
Reviewed By :Rahul Chavli 08/14/2025

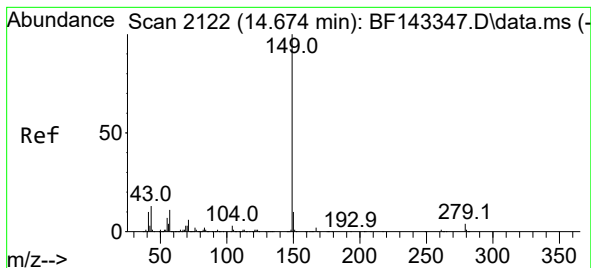
Supervised By :Jagrut Upadhyay 08/15/2025



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 52.051 ng
 RT: 14.063 min Scan# 2018
 Delta R.T. -0.000 min
 Lab File: BF143375.D
 Acq: 13 Aug 2025 15:41

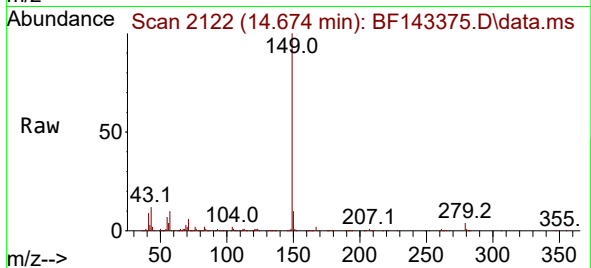
Tgt Ion:149 Resp: 398390
 Ion Ratio Lower Upper
 149 100
 167 28.0 21.4 32.0
 279 4.5 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 46.796 ng
RT: 14.674 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BF143375.D
Acq: 13 Aug 2025 15:41

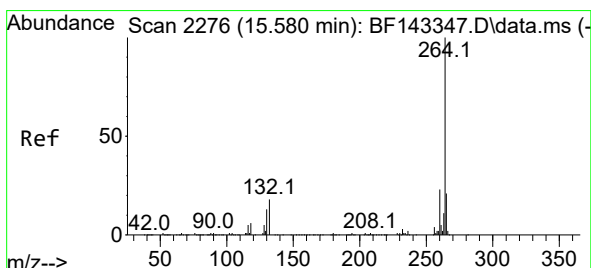
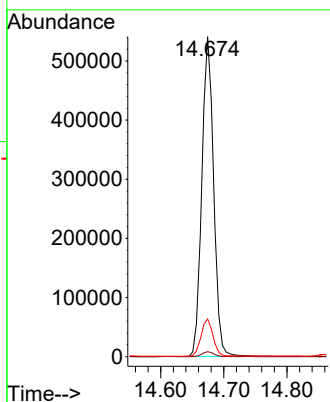
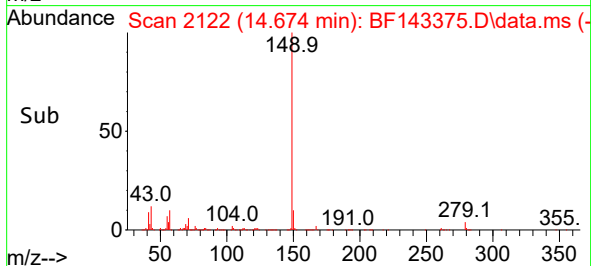
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



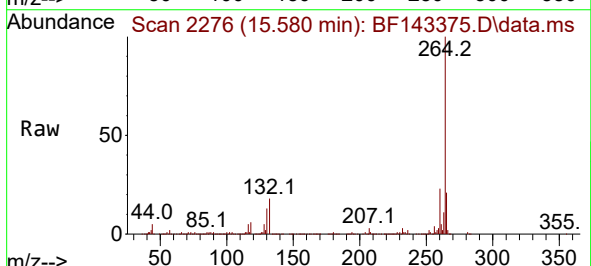
Tgt Ion:149 Resp: 70550
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.8 10.8 16.2

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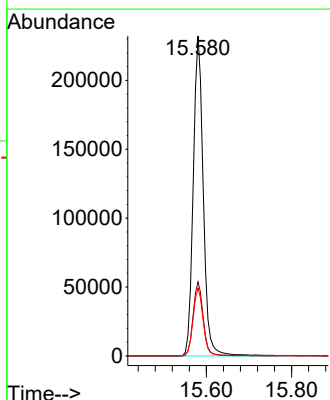
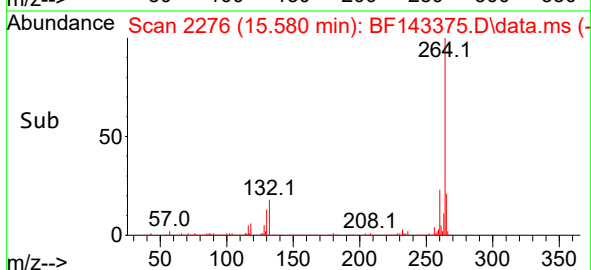
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025

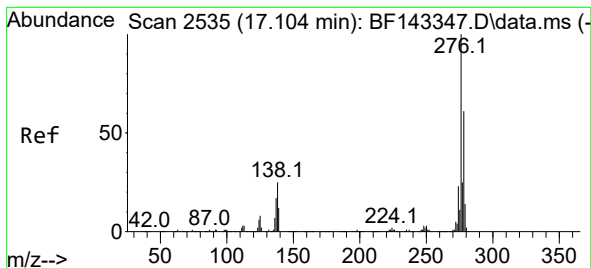


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2276
Delta R.T. 0.000 min
Lab File: BF143375.D
Acq: 13 Aug 2025 15:41



Tgt Ion:264 Resp: 380743
Ion Ratio Lower Upper
264 100
260 23.2 18.7 28.1
265 21.2 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 32.320 ng

RT: 17.104 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF143375.D

Acq: 13 Aug 2025 15:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:276 Resp: 881600

Ion Ratio Lower Upper

276 100

138 26.1 21.1 31.7

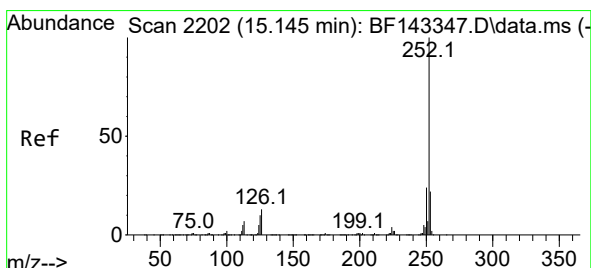
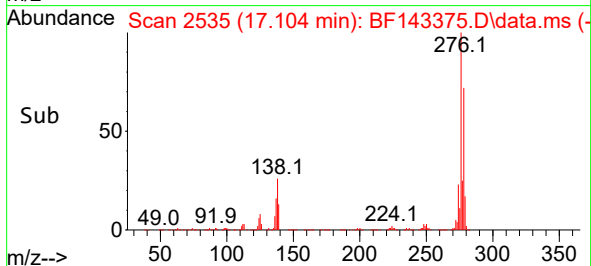
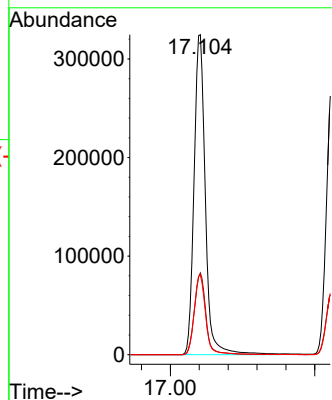
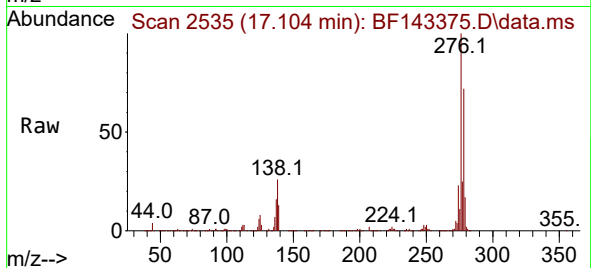
277 25.1 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#88

Benzo(b)fluoranthene

Concen: 34.034 ng

RT: 15.139 min Scan# 2201

Delta R.T. -0.006 min

Lab File: BF143375.D

Acq: 13 Aug 2025 15:41

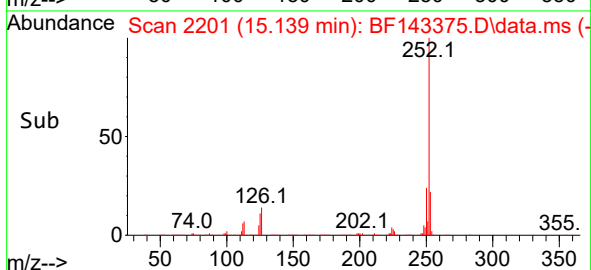
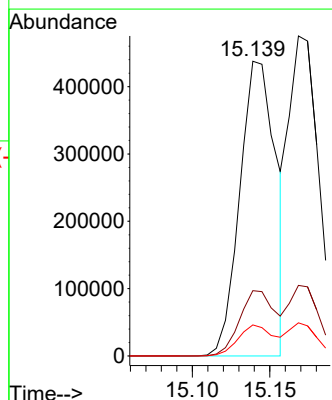
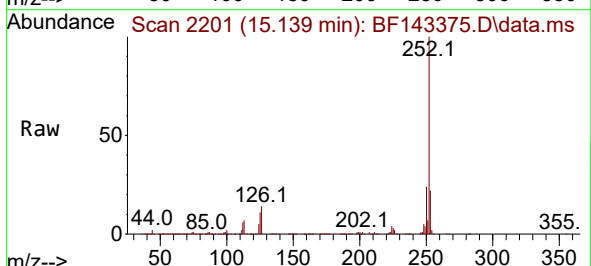
Tgt Ion:252 Resp: 708748

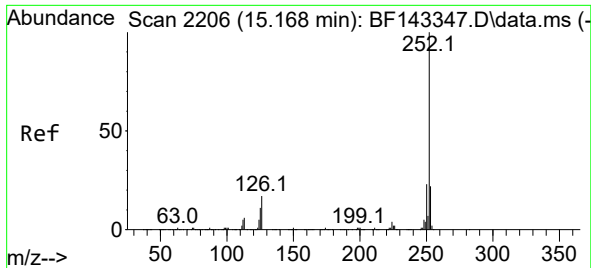
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 10.5 7.8 11.6





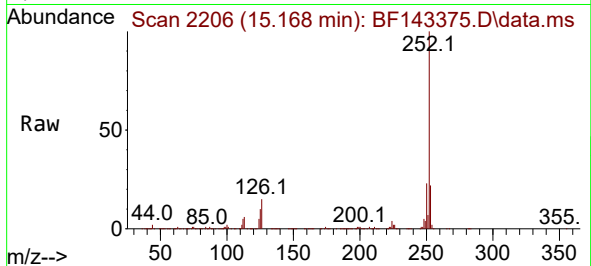
#89
Benzo(k)fluoranthene
Concen: 32.696 ng
RT: 15.168 min Scan# 2206
Delta R.T. 0.000 min
Lab File: BF143375.D
Acq: 13 Aug 2025 15:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



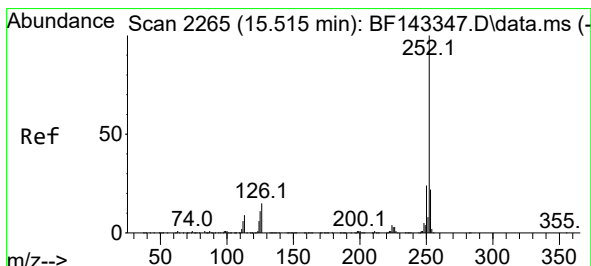
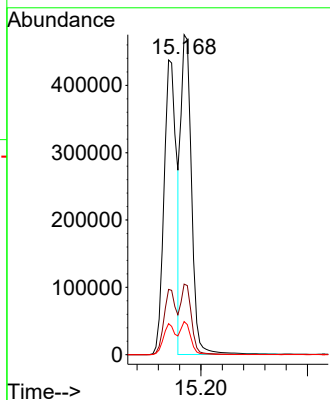
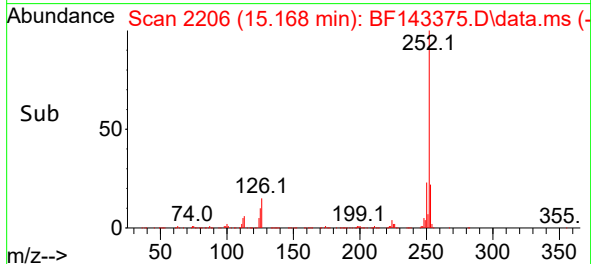
Tgt Ion:252 Resp: 661612
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 10.3 8.4 12.6

Manual Integrations

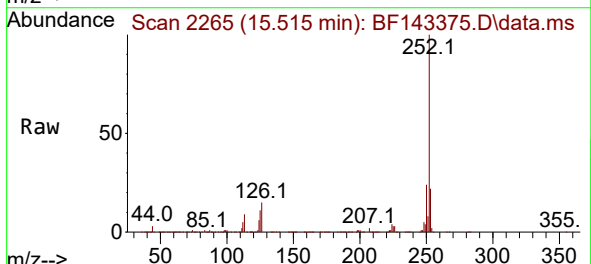
APPROVED

Reviewed By :Rahul Chavli 08/14/2025

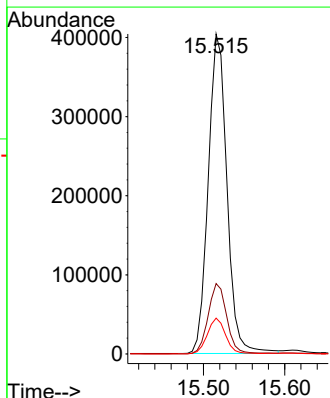
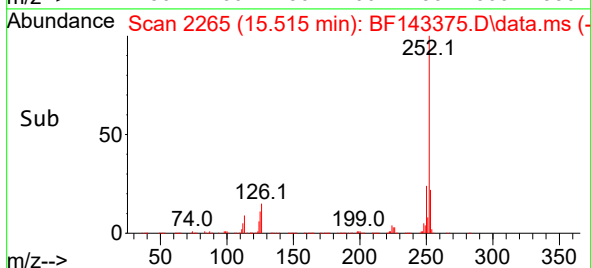
Supervised By :Jagrut Upadhyay 08/15/2025

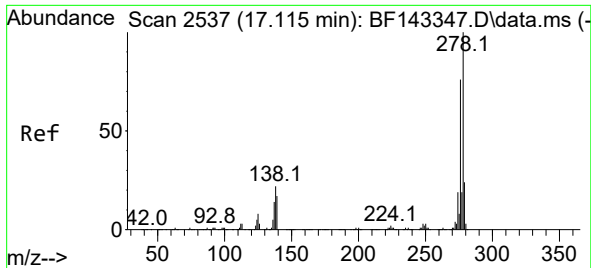


#90
Benzo(a)pyrene
Concen: 32.951 ng
RT: 15.515 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BF143375.D
Acq: 13 Aug 2025 15:41



Tgt Ion:252 Resp: 646299
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 11.2 9.1 13.7





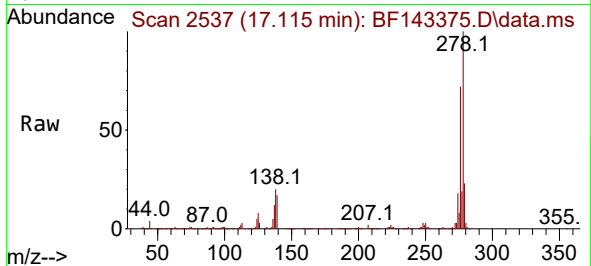
#91
Dibenzo(a,h)anthracene
Concen: 32.740 ng
RT: 17.115 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF143375.D
Acq: 13 Aug 2025 15:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



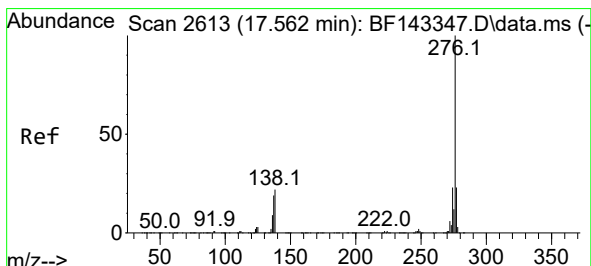
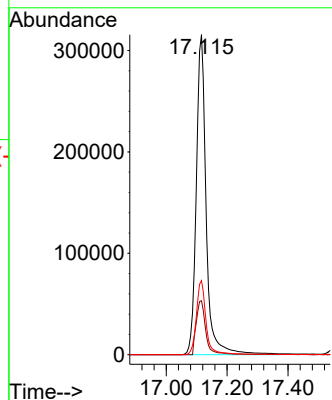
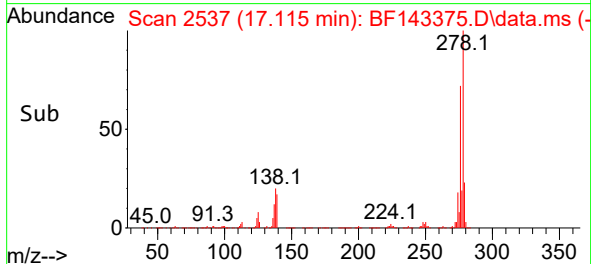
Tgt Ion:278 Resp: 713480
Ion Ratio Lower Upper
278 100
139 16.8 14.0 21.0
279 23.1 19.4 29.0

Manual Integrations

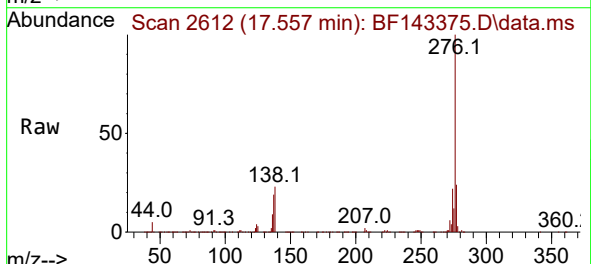
APPROVED

Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#92
Benzo(g,h,i)perylene
Concen: 30.998 ng
RT: 17.557 min Scan# 2612
Delta R.T. -0.006 min
Lab File: BF143375.D
Acq: 13 Aug 2025 15:41



Tgt Ion:276 Resp: 680499
Ion Ratio Lower Upper
276 100
277 23.6 18.7 28.1
138 22.8 17.8 26.8

