

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073025\
 Data File : BF143269.D
 Acq On : 30 Jul 2025 15:22
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 07/31/2025
 Supervised By :mohammad ahmed 07/31/2025

Quant Time: Jul 30 15:50:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	110548	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	425847	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	214991	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	356537	20.000	ng	0.00
76) Chrysene-d12	14.127	240	214084	20.000	ng	0.00
86) Perylene-d12	15.633	264	240904	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	489717	70.102	ng	0.00
7) Phenol-d6	6.593	99	608461	69.199	ng	0.00
23) Nitrobenzene-d5	7.522	82	630415	73.793	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	168949	76.070	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1143096	72.716	ng	0.00
79) Terphenyl-d14	13.069	244	1020665	70.947	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.799	88	109287	33.062	ng	98
3) Pyridine	3.575	79	283112	32.998	ng	98
4) n-Nitrosodimethylamine	3.516	42	151328	34.162	ng	98
6) Aniline	6.622	93	415870	33.936	ng	97
8) 2-Chlorophenol	6.751	128	263293	35.956	ng	96
9) Benzaldehyde	6.510	77	234873	35.622	ng	96
10) Phenol	6.604	94	348132	36.343	ng	94
11) bis(2-Chloroethyl)ether	6.693	93	251401	34.277	ng	100
12) 1,3-Dichlorobenzene	6.904	146	285218	35.856	ng	99
13) 1,4-Dichlorobenzene	6.981	146	288086	35.962	ng	99
14) 1,2-Dichlorobenzene	7.134	146	277025	36.359	ng	100
15) Benzyl Alcohol	7.098	79	244359	36.396	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	461588	33.927	ng	98
17) 2-Methylphenol	7.210	107	218595	35.504	ng	98
18) Hexachloroethane	7.481	117	103774	37.420	ng	98
19) n-Nitroso-di-n-propyla...	7.375	70	191609	33.966	ng	98
20) 3+4-Methylphenols	7.363	107	263862	35.323	ng	# 78
22) Acetophenone	7.369	105	349630	34.679	ng	98
24) Nitrobenzene	7.540	77	290169	36.431	ng	98
25) Isophorone	7.781	82	518716	34.395	ng	99
26) 2-Nitrophenol	7.857	139	138717	40.130	ng	99
27) 2,4-Dimethylphenol	7.892	122	241244	34.238	ng	99
28) bis(2-Chloroethoxy)met...	7.987	93	312734	34.586	ng	99
29) 2,4-Dichlorophenol	8.098	162	214899	36.165	ng	98
30) 1,2,4-Trichlorobenzene	8.187	180	232114	36.157	ng	99
31) Naphthalene	8.269	128	748463	35.688	ng	100
32) Benzoic acid	7.992	122	125785m	33.450	ng	
33) 4-Chloroaniline	8.310	127	301807	35.243	ng	99
34) Hexachlorobutadiene	8.387	225	145618	37.132	ng	98
35) Caprolactam	8.675	113	66501	37.035	ng	96
36) 4-Chloro-3-methylphenol	8.787	107	233442	36.144	ng	99
37) 2-Methylnaphthalene	8.957	142	457894	35.879	ng	100
38) 1-Methylnaphthalene	9.057	142	469519	35.727	ng	99
40) 1,2,4,5-Tetrachloroben...	9.122	216	232053	37.386	ng	98
41) Hexachlorocyclopentadiene	9.116	237	141730	35.093	ng	100
43) 2,4,6-Trichlorophenol	9.234	196	152856	35.583	ng	99

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Manual Integrations
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Reviewed By :Rahul Chavli 07/31/2025
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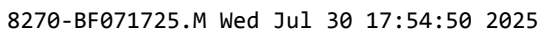
Quant Time: Jul 30 15:50:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	163807	38.120	ng	99
46) 1,1'-Biphenyl	9.422	154	609954	36.364	ng	99
47) 2-Chloronaphthalene	9.445	162	450402	36.290	ng	99
48) 2-Nitroaniline	9.534	65	151408	38.901	ng	99
49) Acenaphthylene	9.863	152	757150	36.403	ng	100
50) Dimethylphthalate	9.716	163	514246	36.696	ng	100
51) 2,6-Dinitrotoluene	9.775	165	112305	39.394	ng	100
52) Acenaphthene	10.034	154	454839	36.999	ng	98
53) 3-Nitroaniline	9.945	138	125843	37.740	ng	99
54) 2,4-Dinitrophenol	10.051	184	49359	41.684	ng #	1
55) Dibenzofuran	10.204	168	659245	36.120	ng	99
56) 4-Nitrophenol	10.098	139	84501	33.936	ng	99
57) 2,4-Dinitrotoluene	10.181	165	145859	40.781	ng	95
58) Fluorene	10.551	166	503547	36.760	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	130962	36.792	ng	100
60) Diethylphthalate	10.416	149	517025	37.327	ng	99
61) 4-Chlorophenyl-phenyle...	10.539	204	254812	37.358	ng	99
62) 4-Nitroaniline	10.557	138	112320	39.303	ng	97
63) Azobenzene	10.698	77	510054	35.332	ng	99
65) 4,6-Dinitro-2-methylph...	10.592	198	72136	39.655	ng	96
66) n-Nitrosodiphenylamine	10.657	169	438850	34.955	ng	99
67) 4-Bromophenyl-phenylether	11.028	248	151814	35.730	ng	98
68) Hexachlorobenzene	11.104	284	158114	35.603	ng	97
69) Atrazine	11.180	200	131750	38.065	ng	99
70) Pentachlorophenol	11.292	266	137698	52.723	ng	99
71) Phenanthrene	11.510	178	667316	35.250	ng	100
72) Anthracene	11.563	178	689714	35.722	ng	100
73) Carbazole	11.716	167	599825	35.578	ng	100
74) Di-n-butylphthalate	12.039	149	723076	37.905	ng	100
75) Fluoranthene	12.704	202	648389	37.315	ng	99
77) Benzidine	12.816	184	309526	37.527	ng	98
78) Pyrene	12.933	202	636675	34.846	ng	100
80) Butylbenzylphthalate	13.539	149	247506	44.238	ng	98
81) Benzo(a)anthracene	14.116	228	528958	36.905	ng	99
82) 3,3'-Dichlorobenzidine	14.074	252	185332	38.797	ng	99
83) Chrysene	14.157	228	447164	34.700	ng	100
84) Bis(2-ethylhexyl)phtha...	14.098	149	332341	39.245	ng	100
85) Di-n-octyl phthalate	14.716	149	564716	36.790	ng	99
87) Indeno(1,2,3-cd)pyrene	17.186	276	618049	36.384	ng	97
88) Benzo(b)fluoranthene	15.192	252	513789	34.911	ng	99
89) Benzo(k)fluoranthene	15.221	252	469458	35.747	ng	99
90) Benzo(a)pyrene	15.568	252	488959	36.060	ng	99
91) Dibenzo(a,h)anthracene	17.198	278	499022	36.092	ng	98
92) Benzo(g,h,i)perylene	17.651	276	497377	37.188	ng	97

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

Manual Integrations APPROVED

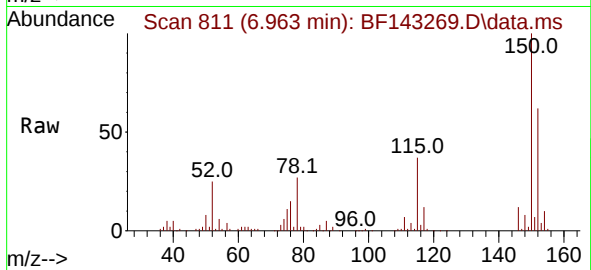
Quant Time: Jul 30 15:50:27 2025
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

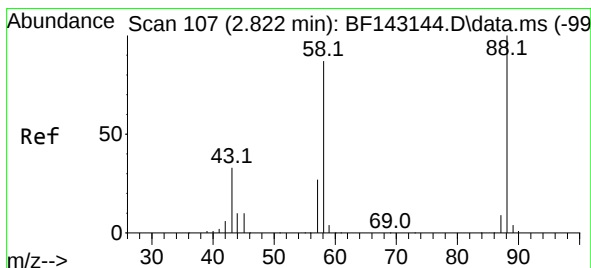
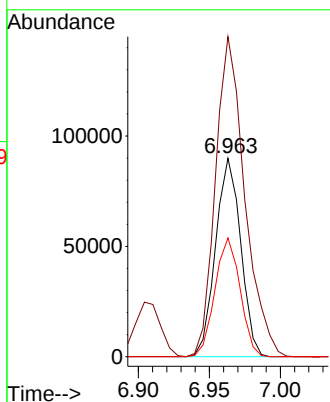
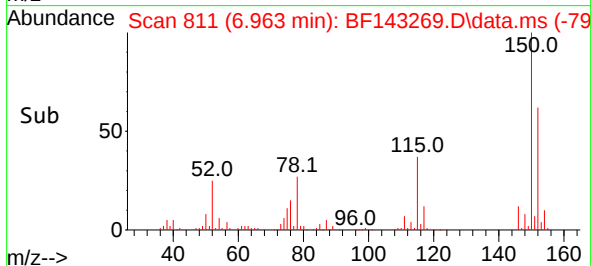
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



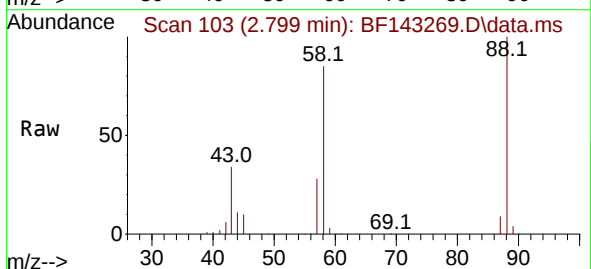
Tgt Ion:152 Resp: 110548
Ion Ratio Lower Upper
152 100
150 161.3 128.2 192.4
115 59.8 47.9 71.9

Manual Integrations
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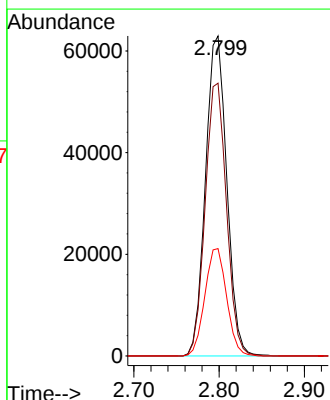
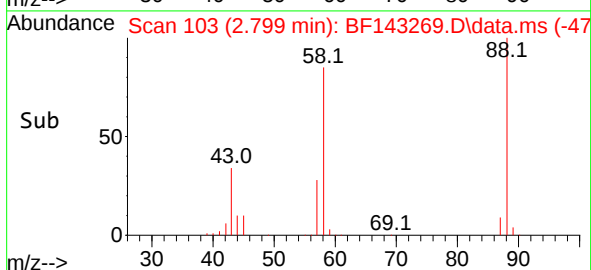
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025

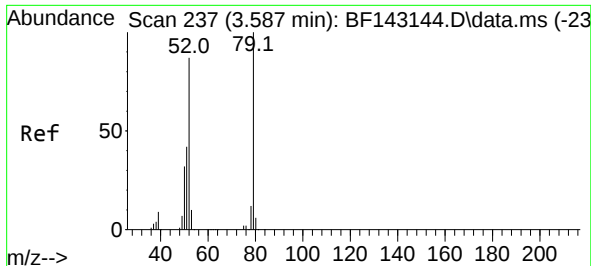


#2
1,4-Dioxane
Concen: 33.062 ng
RT: 2.799 min Scan# 103
Delta R.T. -0.023 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22



Tgt Ion: 88 Resp: 109287
Ion Ratio Lower Upper
88 100
58 85.3 70.2 105.2
43 34.4 27.1 40.7





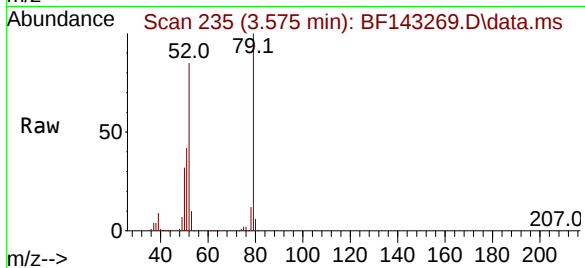
#3
Pyridine
Concen: 32.998 ng
RT: 3.575 min Scan# 211
Delta R.T. -0.012 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

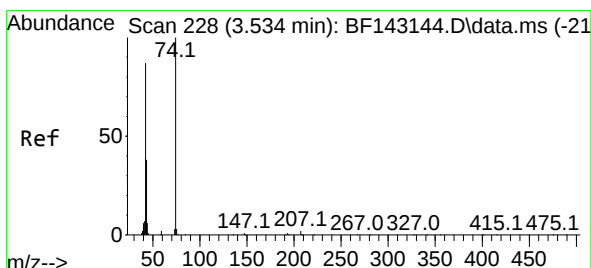
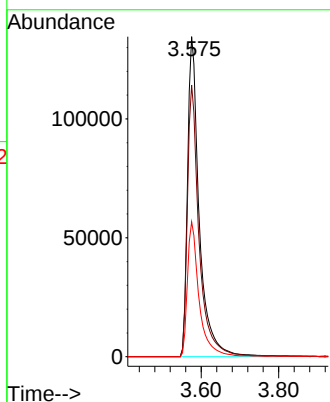
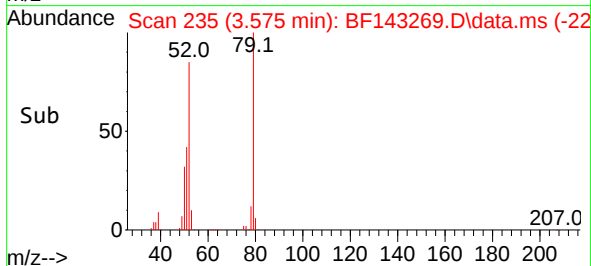


Tgt Ion: 79 Resp: 28311
Ion Ratio Lower Upper
79 100
52 84.9 69.4 104.2
51 42.2 33.5 50.3

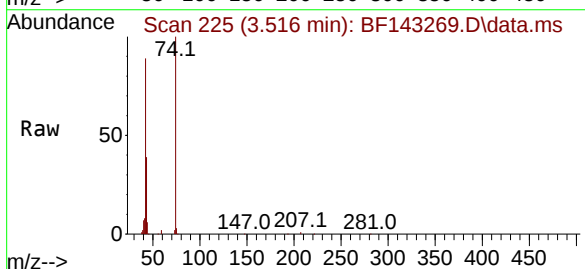
Manual Integrations

APPROVED

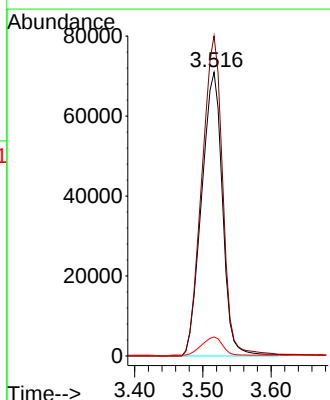
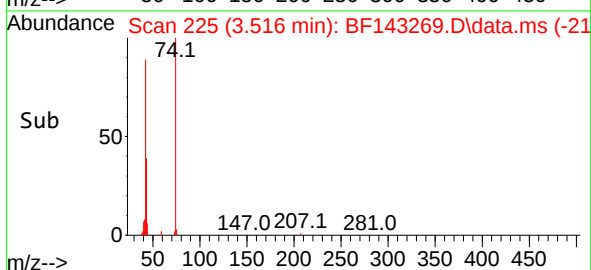
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025

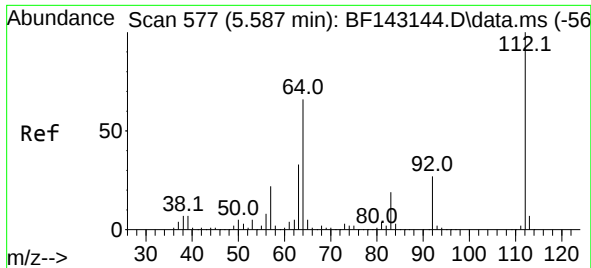


#4
n-Nitrosodimethylamine
Concen: 34.162 ng
RT: 3.516 min Scan# 225
Delta R.T. -0.018 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22



Tgt Ion: 42 Resp: 151328
Ion Ratio Lower Upper
42 100
74 112.8 91.7 137.5
44 6.7 5.6 8.4





#5
2-Fluorophenol
Concen: 70.102 ng
RT: 5.593 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

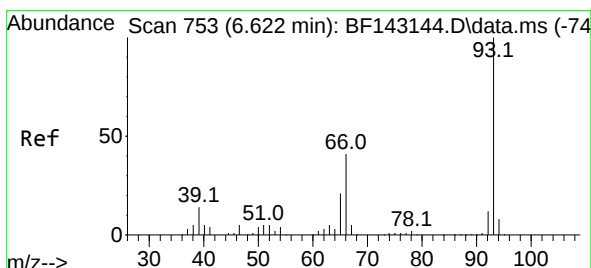
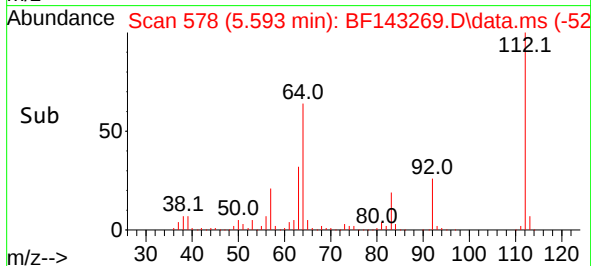
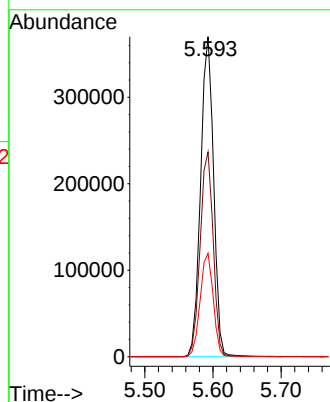
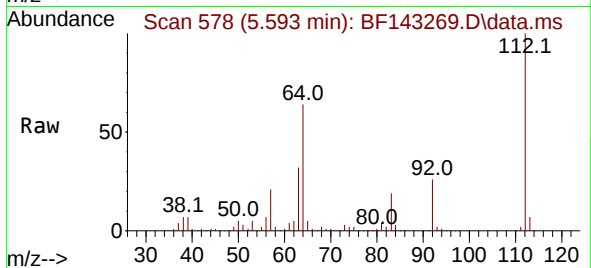
Tgt Ion:112 Resp: 48971
Ion Ratio Lower Upper
112 100
64 63.9 53.1 79.7
63 32.3 26.6 40.0

Manual Integrations

APPROVED

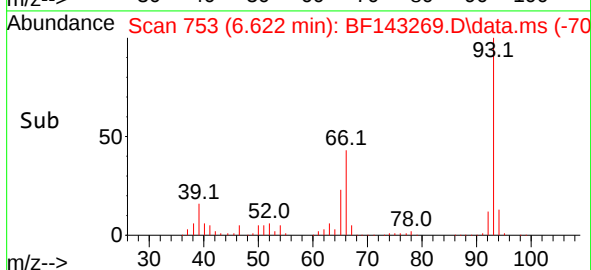
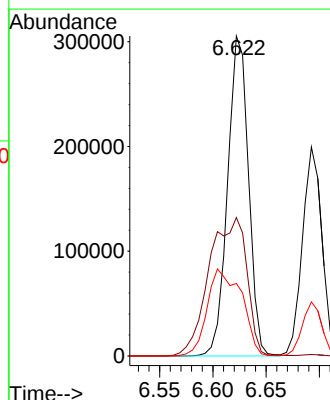
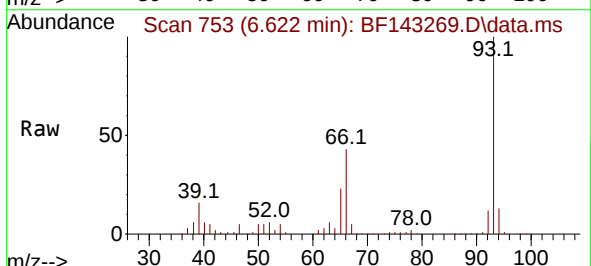
Reviewed By :Rahul Chavli 07/31/2025

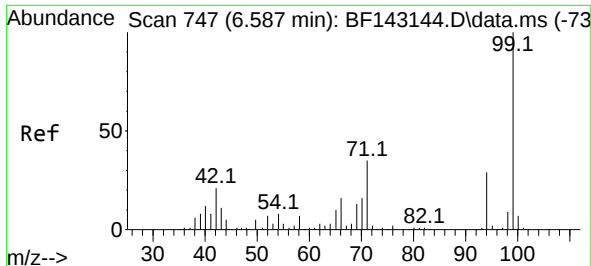
Supervised By :mohammad ahmed 07/31/2025



#6
Aniline
Concen: 33.936 ng
RT: 6.622 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

Tgt Ion: 93 Resp: 415870
Ion Ratio Lower Upper
93 100
66 43.2 33.2 49.8
65 22.7 16.9 25.3





#7

Phenol-d6

Concen: 69.199 ng

RT: 6.593 min Scan# 747

Delta R.T. 0.006 min

Lab File: BF143269.D

Acq: 30 Jul 2025 15:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 99 Resp: 60846

Ion Ratio Lower Upper

99 100

42 21.5 17.0 25.6

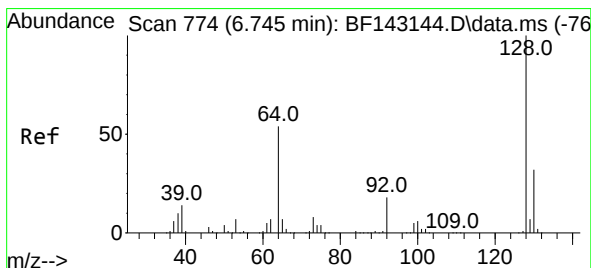
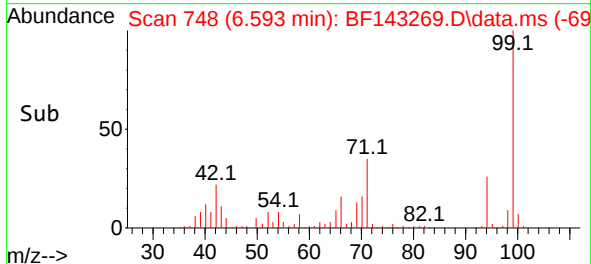
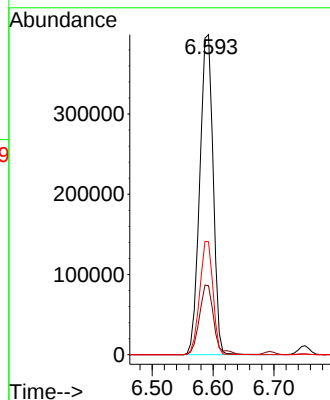
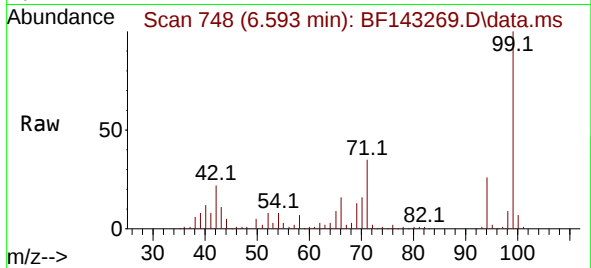
71 35.3 27.7 41.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/31/2025

Supervised By :mohammad ahmed 07/31/2025



#8

2-Chlorophenol

Concen: 35.956 ng

RT: 6.751 min Scan# 775

Delta R.T. 0.006 min

Lab File: BF143269.D

Acq: 30 Jul 2025 15:22

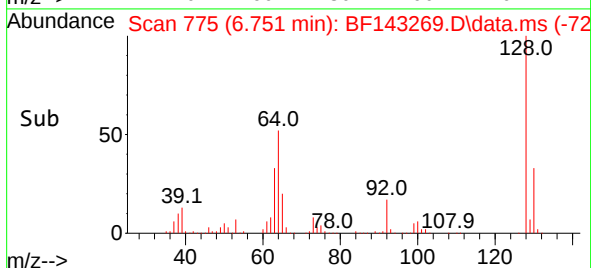
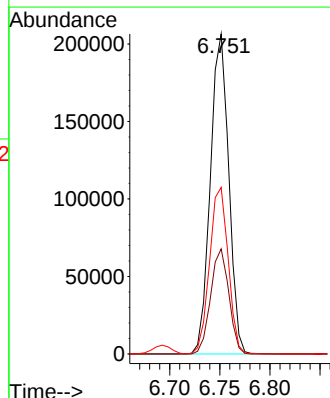
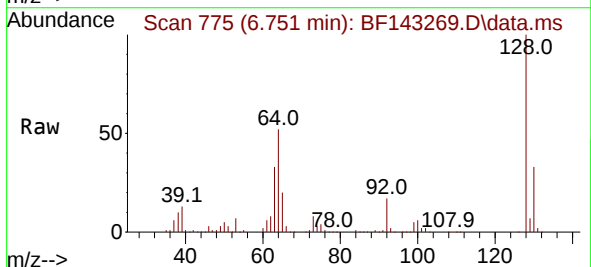
Tgt Ion:128 Resp: 263293

Ion Ratio Lower Upper

128 100

130 32.9 12.3 52.3

64 52.0 35.9 75.9





#9
Benzaldehyde
Concen: 35.622 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

Instrument :

BNA_F

ClientSampleId :

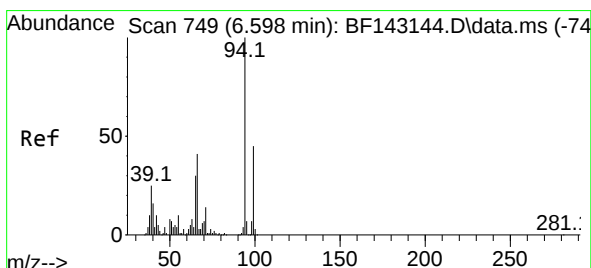
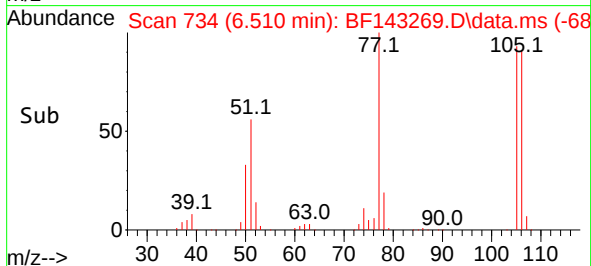
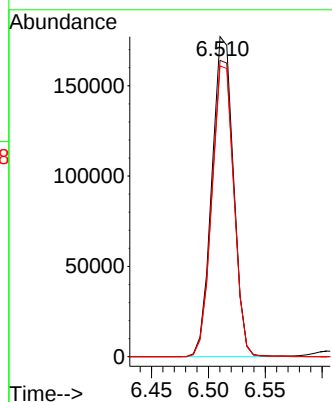
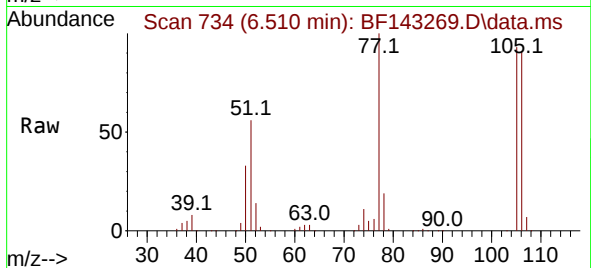
SSTDCCC040

Tgt Ion: 77 Resp: 23487
Ion Ratio Lower Upper
77 100
105 92.6 76.8 116.8
106 90.8 74.4 114.4

Manual Integrations

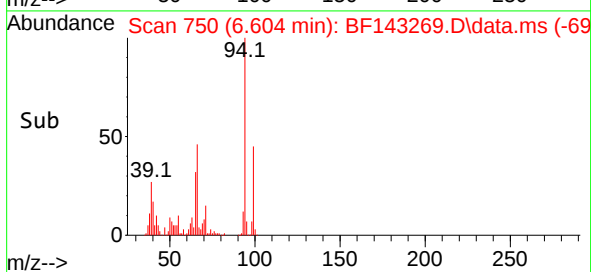
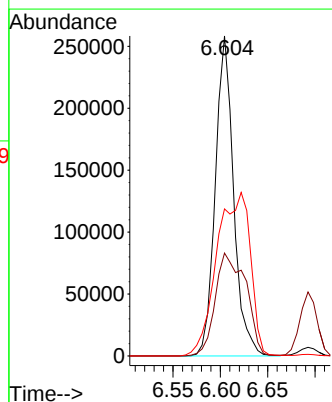
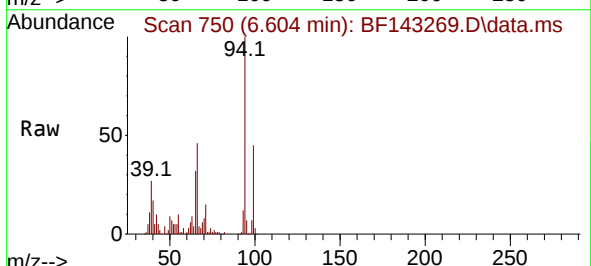
APPROVED

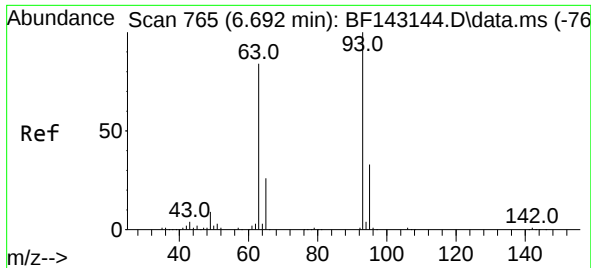
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025



#10
Phenol
Concen: 36.343 ng
RT: 6.604 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

Tgt Ion: 94 Resp: 348132
Ion Ratio Lower Upper
94 100
65 32.2 10.0 50.0
66 45.9 20.8 60.8





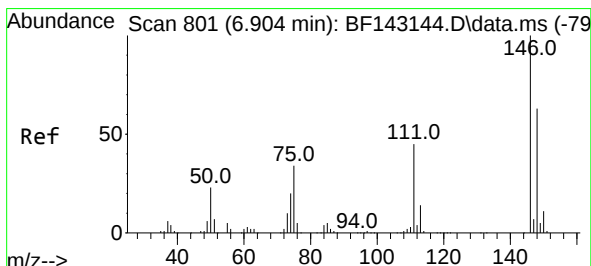
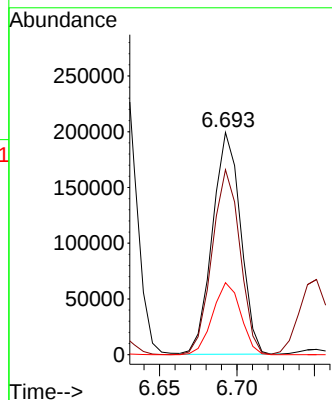
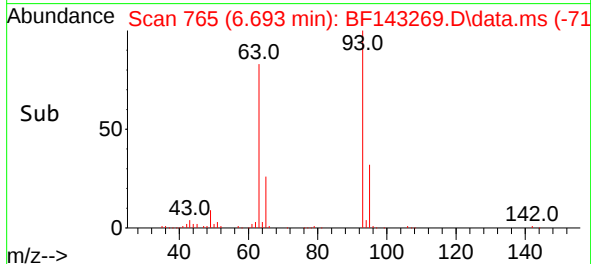
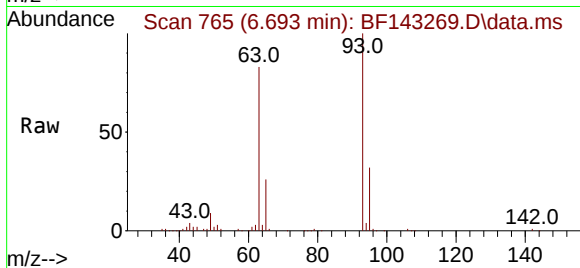
#11
bis(2-Chloroethyl)ether
Concen: 34.277 ng
RT: 6.693 min Scan# 701
Delta R.T. 0.000 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 25140
Ion Ratio Lower Upper
93 100
63 83.2 63.4 103.4
95 32.4 12.4 52.4

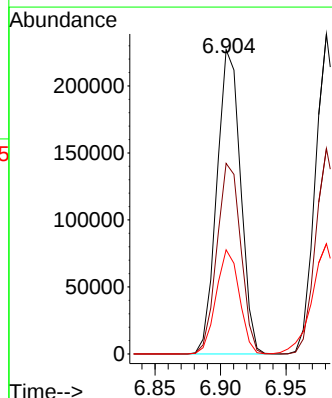
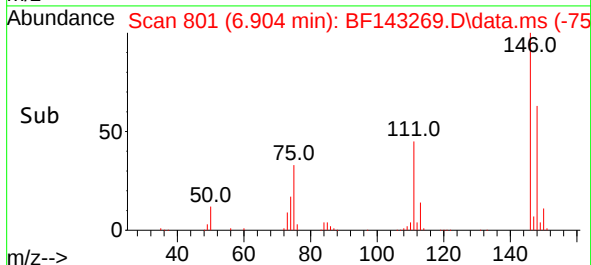
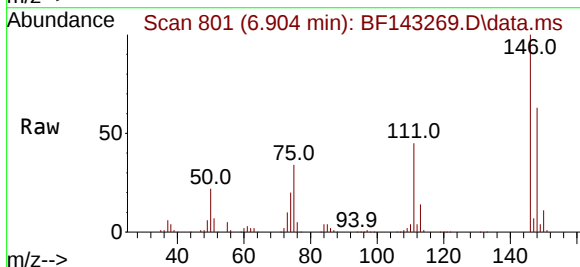
Manual Integrations
APPROVED

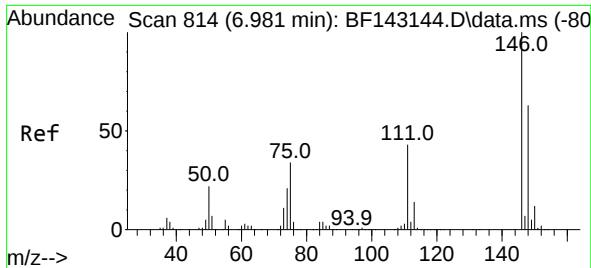
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025



#12
1,3-Dichlorobenzene
Concen: 35.856 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

Tgt Ion:146 Resp: 285218
Ion Ratio Lower Upper
146 100
148 62.6 50.6 76.0
75 34.2 27.4 41.2





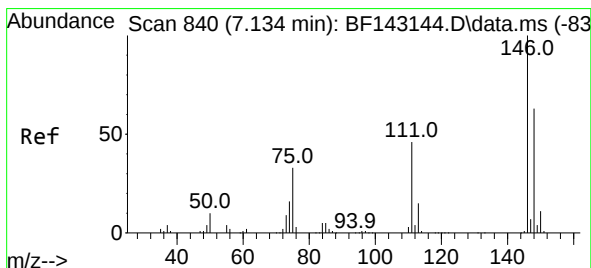
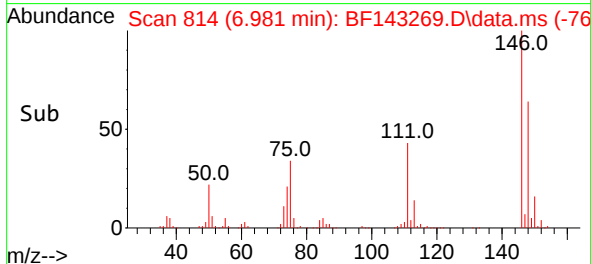
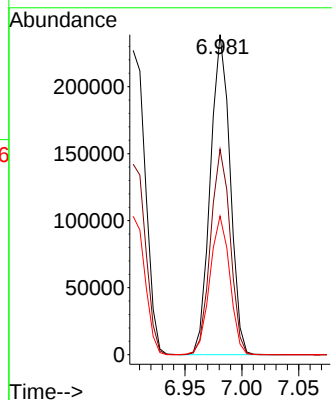
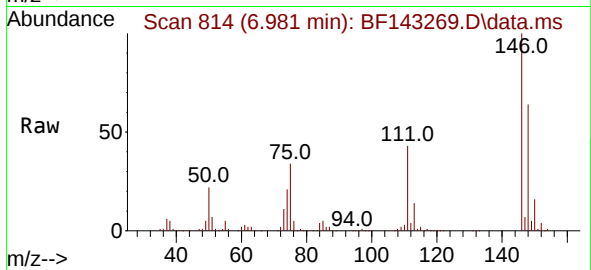
#13
1,4-Dichlorobenzene
Concen: 35.962 ng
RT: 6.981 min Scan# 814
Delta R.T. 0.000 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 288080
Ion Ratio Lower Upper
146 100
148 64.2 50.3 75.5
111 43.3 34.4 51.6

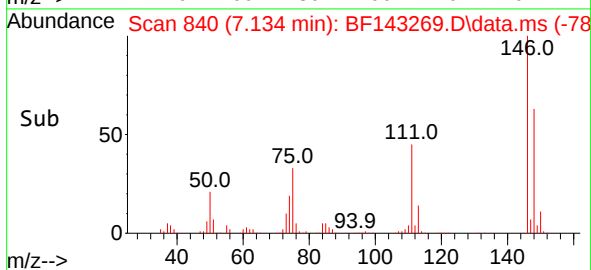
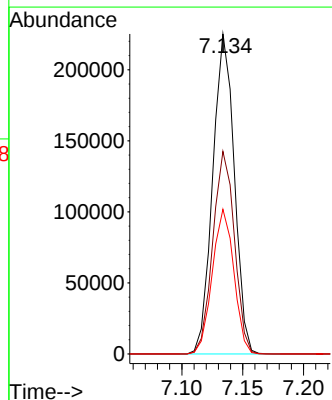
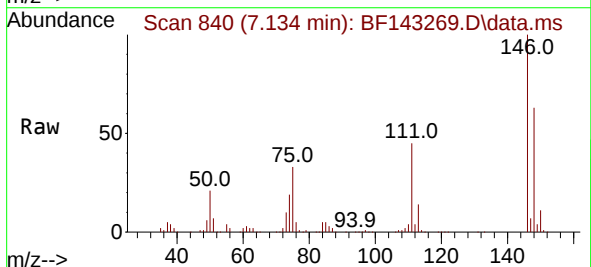
Manual Integrations
APPROVED

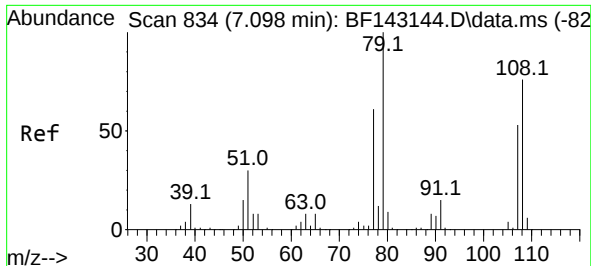
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025



#14
1,2-Dichlorobenzene
Concen: 36.359 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

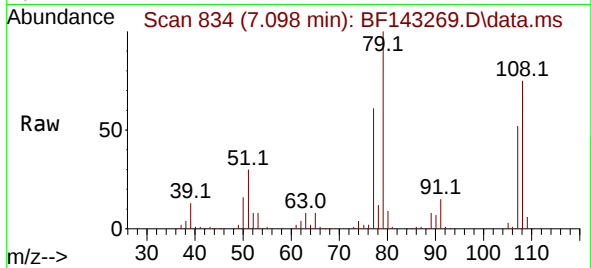
Tgt Ion:146 Resp: 277025
Ion Ratio Lower Upper
146 100
148 63.3 50.7 76.1
111 45.2 36.6 54.8





#15
Benzyl Alcohol
Concen: 36.396 ng
RT: 7.098 min Scan# 834
Delta R.T. 0.000 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

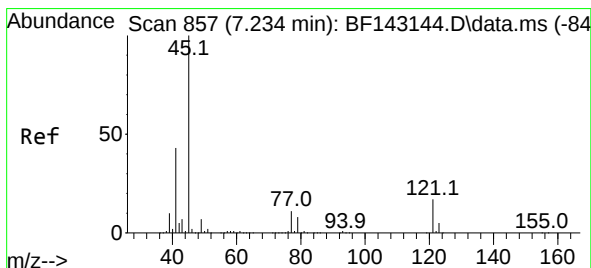
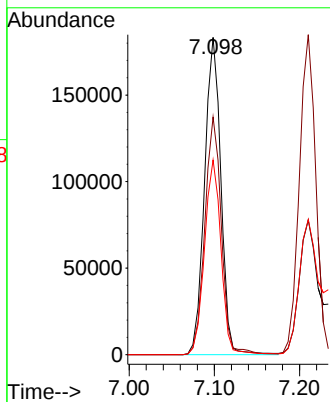
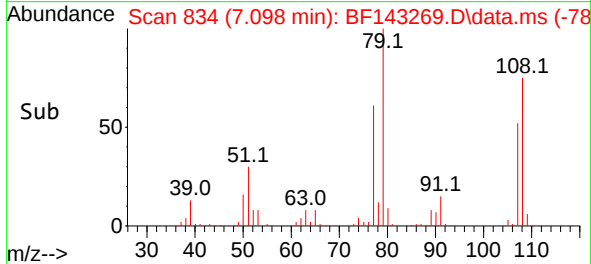
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 79 Resp: 244359
Ion Ratio Lower Upper
79 100
108 74.9 61.1 91.7
77 61.3 48.9 73.3

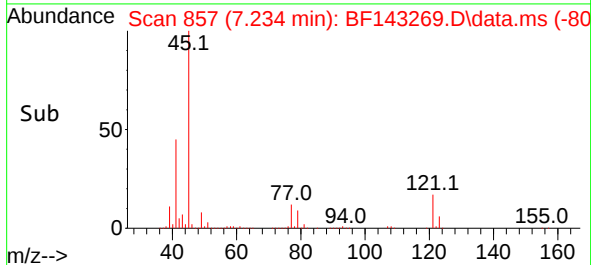
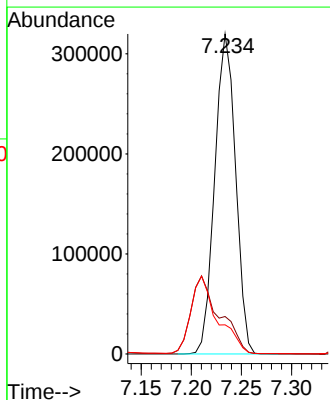
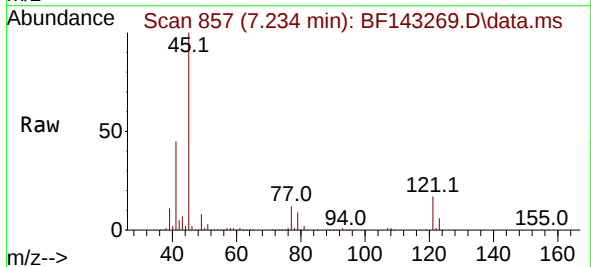
Manual Integrations
APPROVED

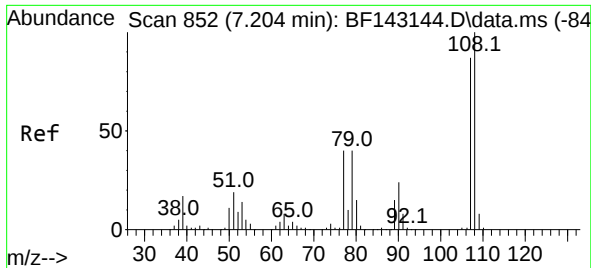
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.927 ng
RT: 7.234 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

Tgt Ion: 45 Resp: 461588
Ion Ratio Lower Upper
45 100
77 11.7 0.0 31.2
79 9.1 0.0 28.5





#17
2-Methylphenol
Concen: 35.504 ng
RT: 7.210 min Scan# 853
Delta R.T. 0.006 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

Instrument :

BNA_F

ClientSampleId :

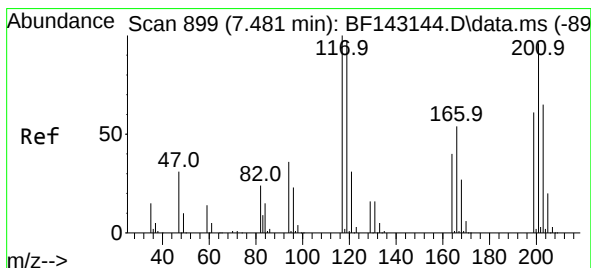
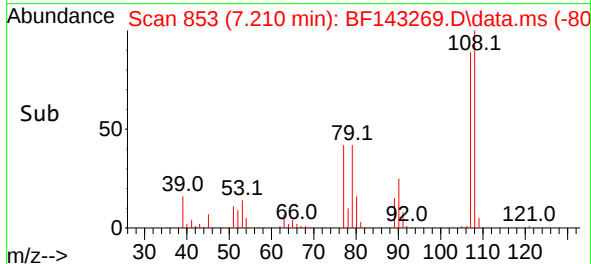
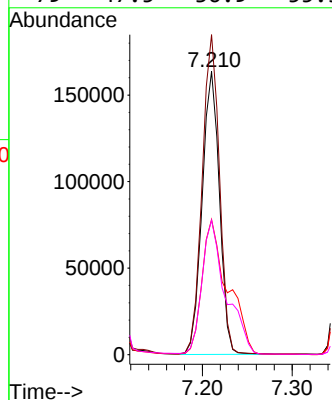
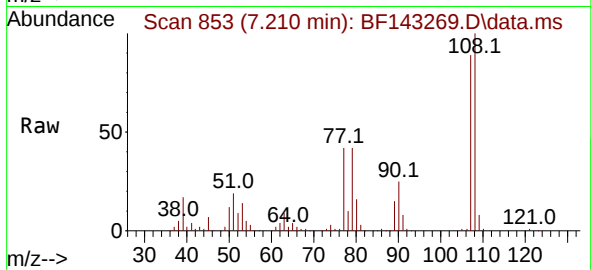
SSTDCCC040

Tgt Ion:107 Resp: 21859
Ion Ratio Lower Upper
107 100
108 113.0 91.8 137.6
77 47.7 37.0 55.6
79 47.5 36.9 55.3

Manual Integrations

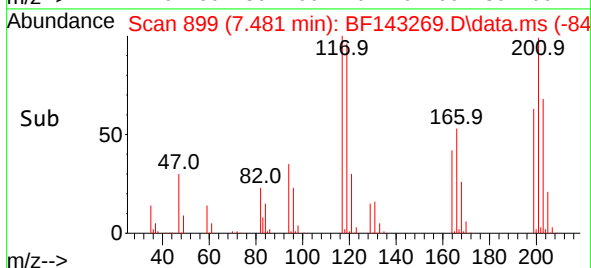
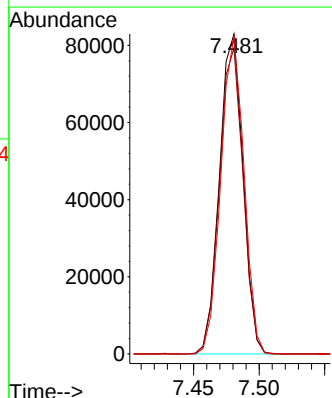
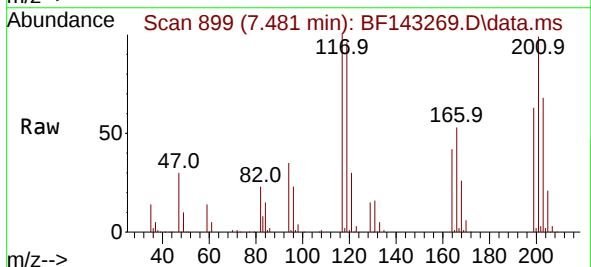
APPROVED

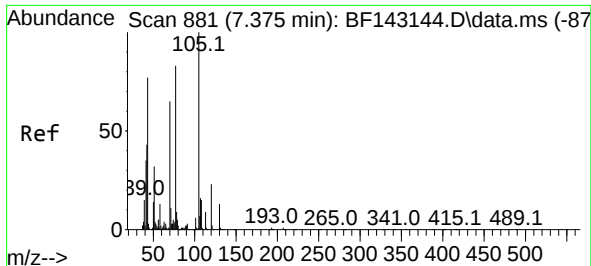
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025



#18
Hexachloroethane
Concen: 37.420 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

Tgt Ion:117 Resp: 103774
Ion Ratio Lower Upper
117 100
119 95.6 77.8 116.8
201 99.3 77.0 115.4





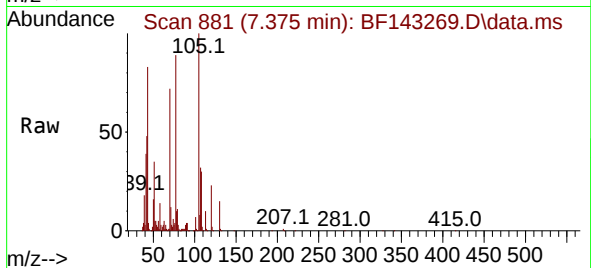
#19
n-Nitroso-di-n-propylamine
Concen: 33.966 ng
RT: 7.375 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

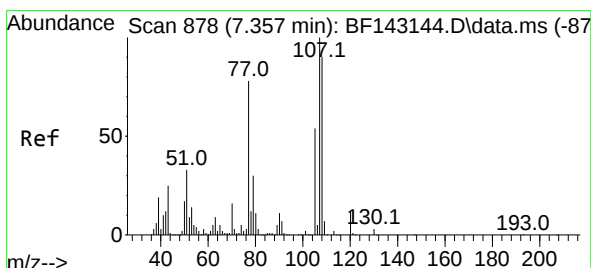
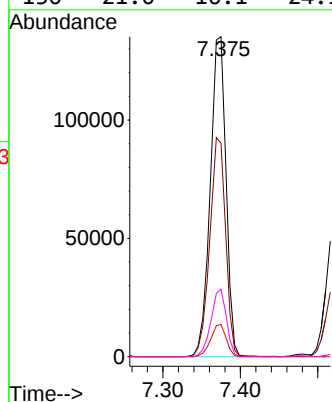
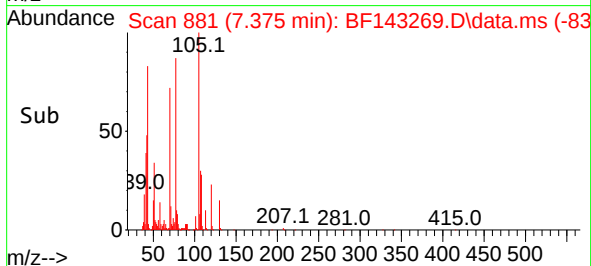


Tgt Ion: 70 Resp: 191609
Ion Ratio Lower Upper
70 100
42 66.7 52.5 78.7
101 10.1 7.6 11.4
130 21.0 16.1 24.1

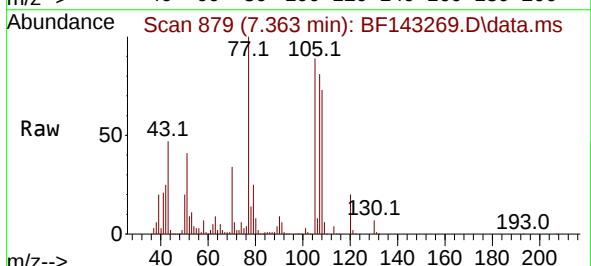
Manual Integrations

APPROVED

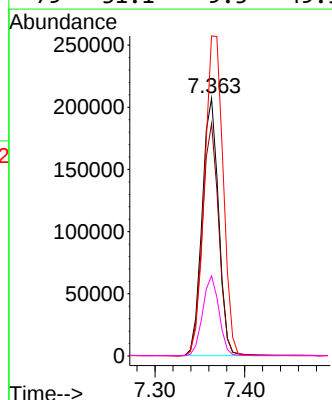
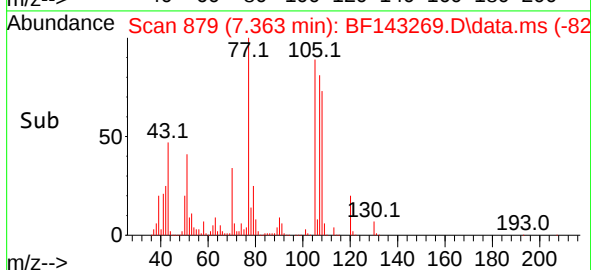
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025



#20
3+4-Methylphenols
Concen: 35.323 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22



Tgt Ion:107 Resp: 263862
Ion Ratio Lower Upper
107 100
108 90.2 70.0 110.0
77 124.2 57.8 97.8#
79 31.1 9.5 49.5





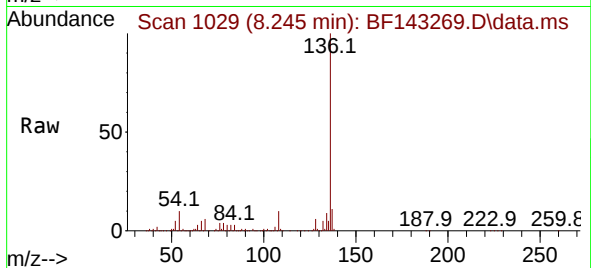
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

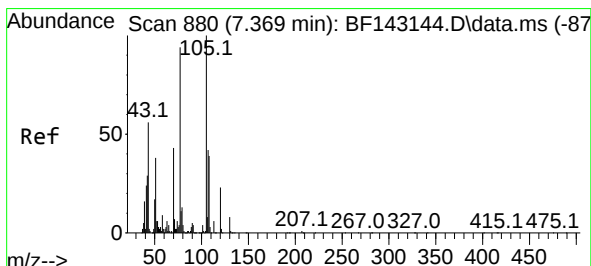
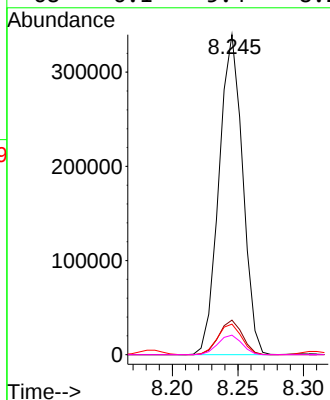
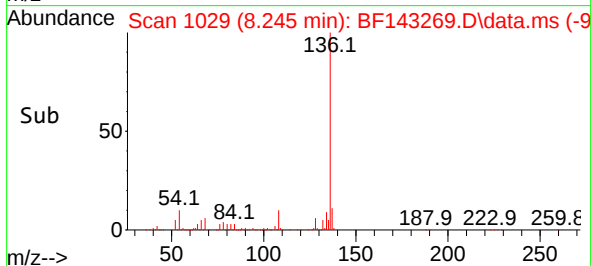


Tgt Ion:136 Resp: 42584
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.6 8.2 12.2
68 6.1 5.4 8.2

Manual Integrations

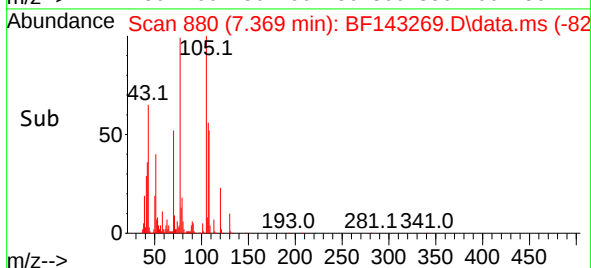
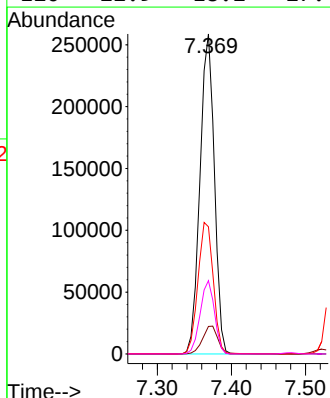
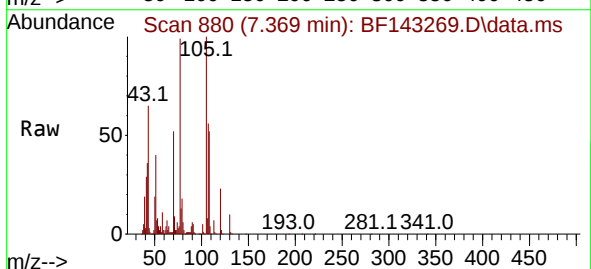
APPROVED

Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025



#22
Acetophenone
Concen: 34.679 ng
RT: 7.369 min Scan# 880
Delta R.T. 0.000 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

Tgt Ion:105 Resp: 349630
Ion Ratio Lower Upper
105 100
71 8.6 5.8 8.6
51 39.8 30.2 45.2
120 22.9 18.2 27.4





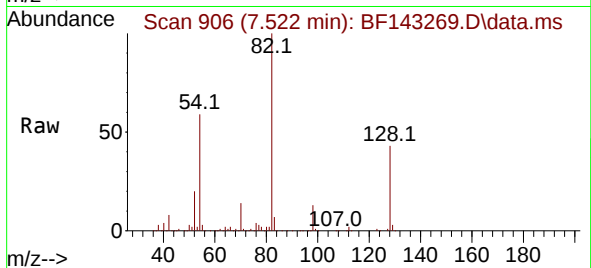
#23
Nitrobenzene-d5
Concen: 73.793 ng
RT: 7.522 min Scan# 906
Delta R.T. 0.000 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

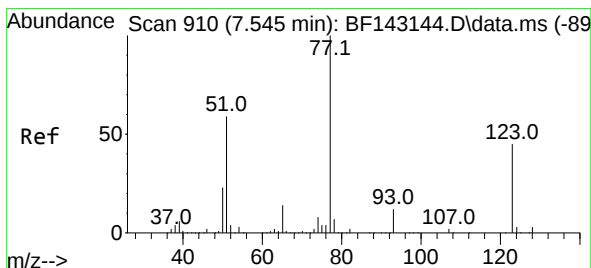
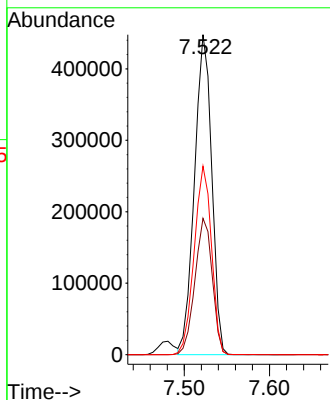
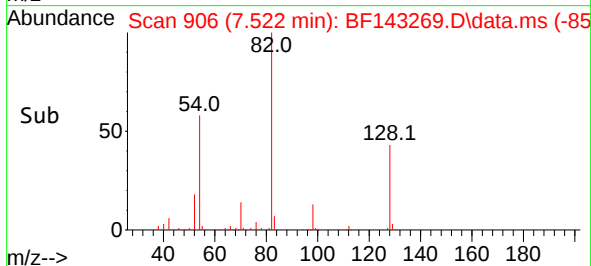


Tgt Ion: 82 Resp: 630415
Ion Ratio Lower Upper
82 100
128 42.6 33.6 50.4
54 58.9 47.1 70.7

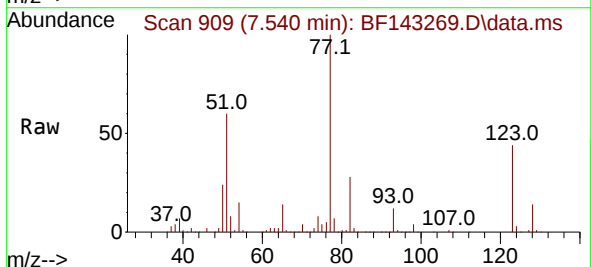
Manual Integrations

APPROVED

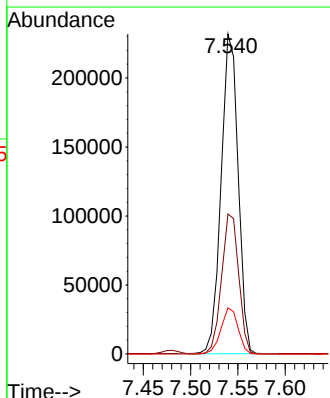
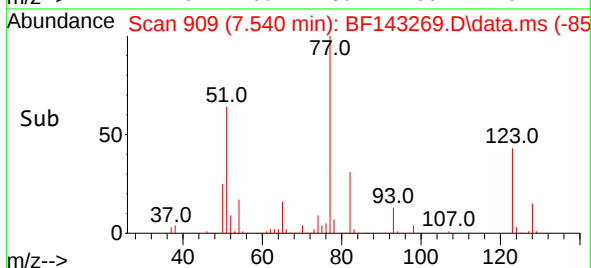
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025

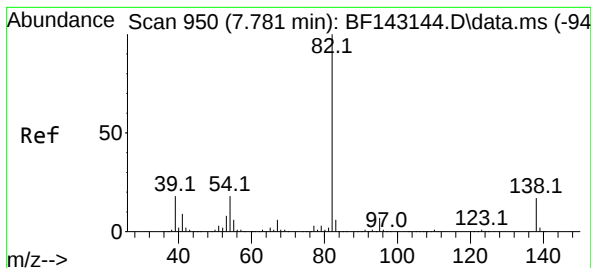


#24
Nitrobenzene
Concen: 36.431 ng
RT: 7.540 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22



Tgt Ion: 77 Resp: 290169
Ion Ratio Lower Upper
77 100
123 43.8 36.1 54.1
65 14.4 11.4 17.2





#25

Isophorone

Concen: 34.395 ng

RT: 7.781 min Scan# 950

Delta R.T. 0.000 min

Lab File: BF143269.D

Acq: 30 Jul 2025 15:22

Instrument :

BNA_F

ClientSampleId :

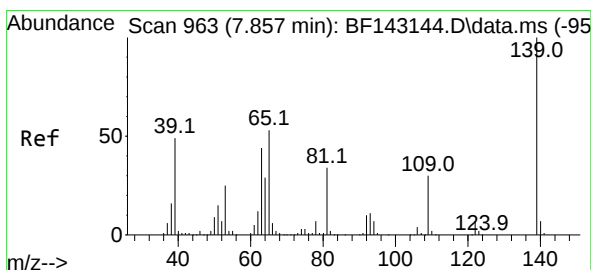
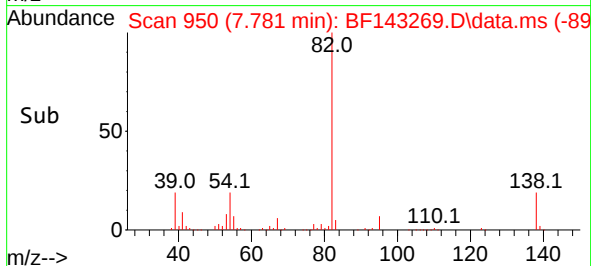
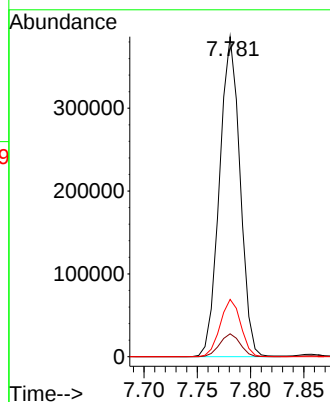
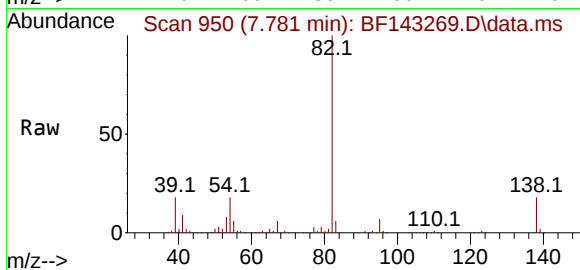
SSTDCCC040

Tgt Ion: 82 Resp: 518710
 Ion Ratio Lower Upper
 82 100
 95 7.1 5.5 8.3
 138 17.9 13.8 20.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/31/2025
 Supervised By :mohammad ahmed 07/31/2025



#26

2-Nitrophenol

Concen: 40.130 ng

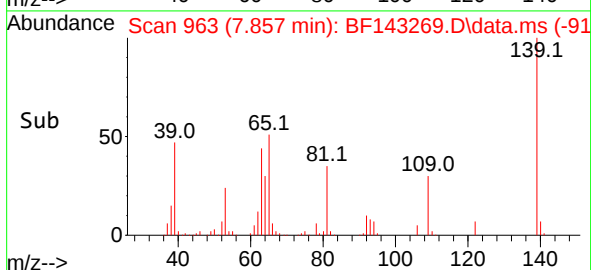
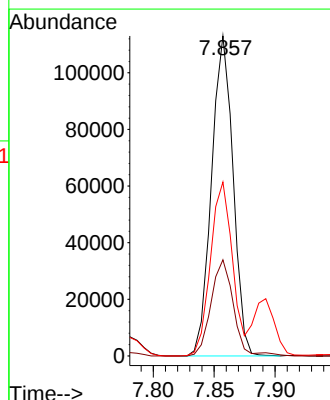
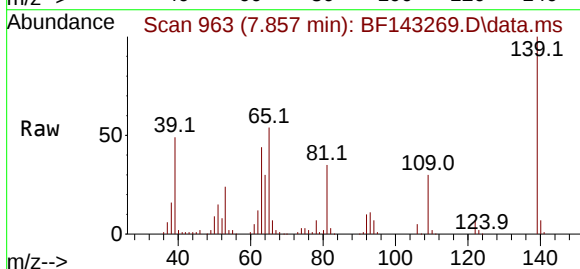
RT: 7.857 min Scan# 963

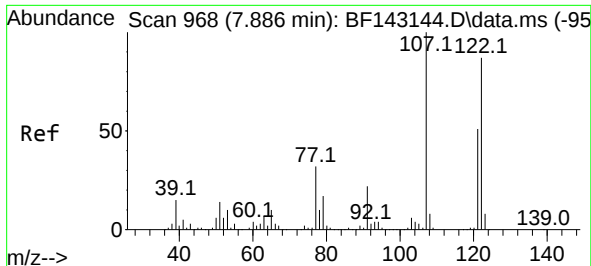
Delta R.T. 0.000 min

Lab File: BF143269.D

Acq: 30 Jul 2025 15:22

Tgt Ion:139 Resp: 138717
 Ion Ratio Lower Upper
 139 100
 109 30.1 23.6 35.4
 65 54.4 42.6 64.0





#27

2,4-Dimethylphenol

Concen: 34.238 ng

RT: 7.892 min Scan# 968

Delta R.T. 0.006 min

Lab File: BF143269.D

Acq: 30 Jul 2025 15:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

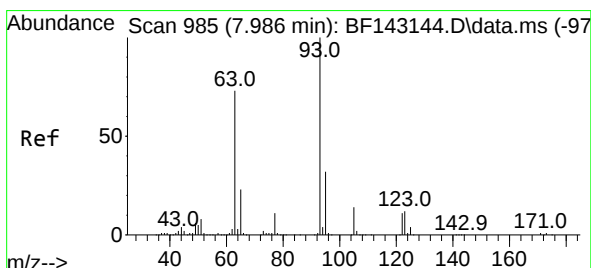
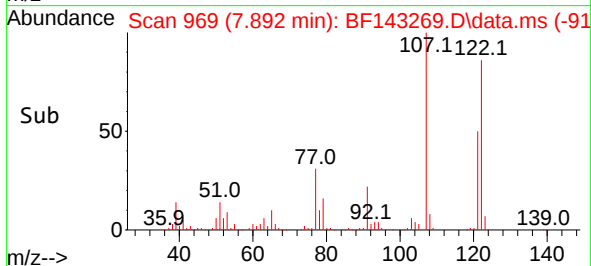
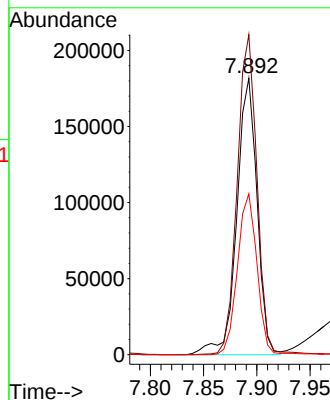
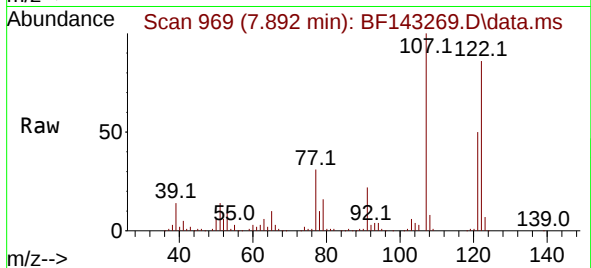
Tgt Ion:122 Resp: 241244
 Ion Ratio Lower Upper
 122 100
 107 115.7 91.8 137.6
 121 58.1 46.3 69.5

Manual Integrations

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Reviewed By :Rahul Chavli 07/31/2025

Supervised By :mohammad ahmed 07/31/2025



#28

bis(2-Chloroethoxy)methane

Concen: 34.586 ng

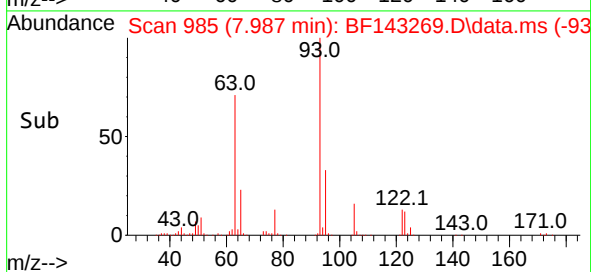
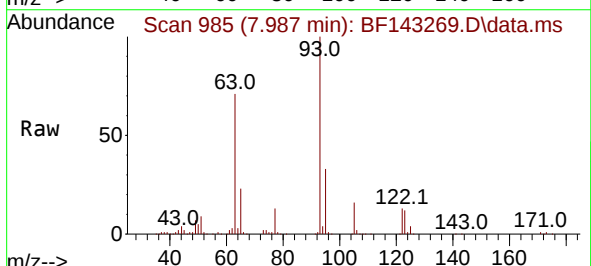
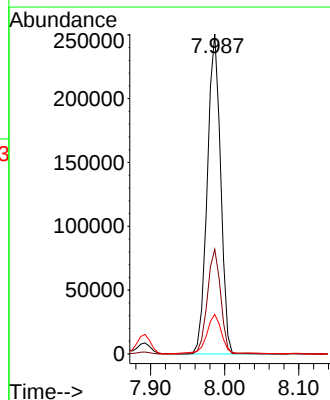
RT: 7.987 min Scan# 985

Delta R.T. 0.000 min

Lab File: BF143269.D

Acq: 30 Jul 2025 15:22

Tgt Ion: 93 Resp: 312734
 Ion Ratio Lower Upper
 93 100
 95 32.7 25.8 38.6
 123 12.4 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 36.165 ng

RT: 8.098 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF143269.D

Acq: 30 Jul 2025 15:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 21489

Ion Ratio Lower Upper

162 100

164 63.1 44.2 84.2

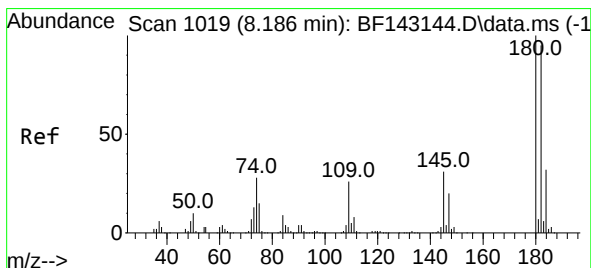
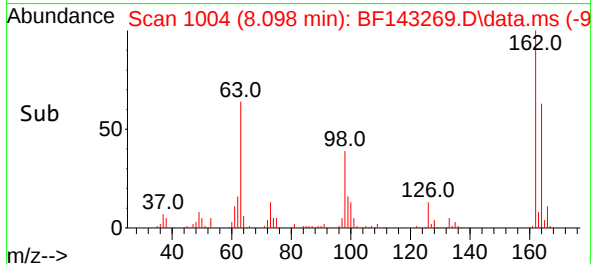
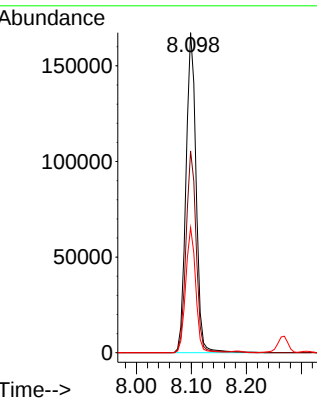
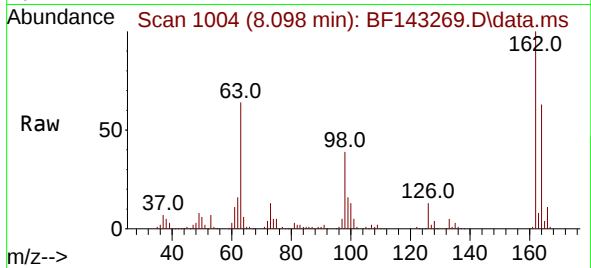
98 39.1 17.9 57.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/31/2025

Supervised By :mohammad ahmed 07/31/2025



#30

1,2,4-Trichlorobenzene

Concen: 36.157 ng

RT: 8.187 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF143269.D

Acq: 30 Jul 2025 15:22

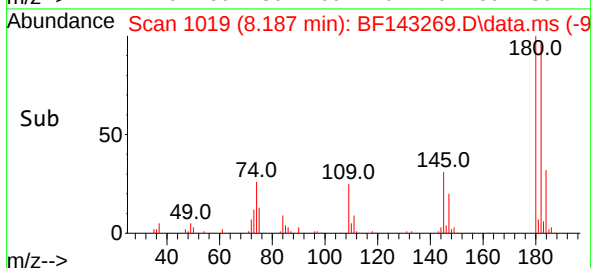
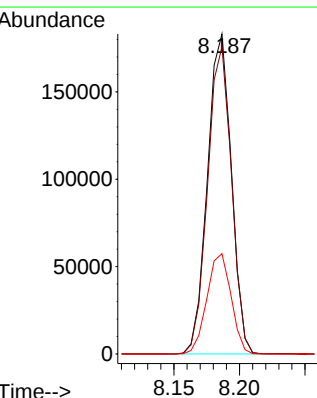
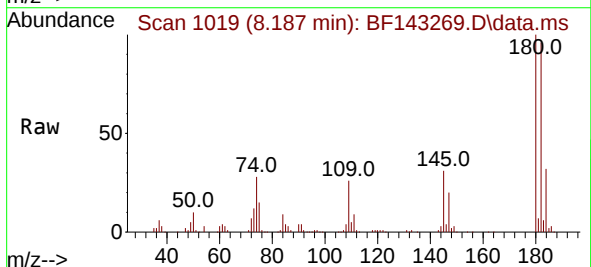
Tgt Ion:180 Resp: 232114

Ion Ratio Lower Upper

180 100

182 96.0 76.2 114.2

145 31.4 25.0 37.6





#31
Naphthalene
Concen: 35.688 ng
RT: 8.269 min Scan# 1033
Delta R.T. 0.000 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

Instrument :

BNA_F

ClientSampleId :

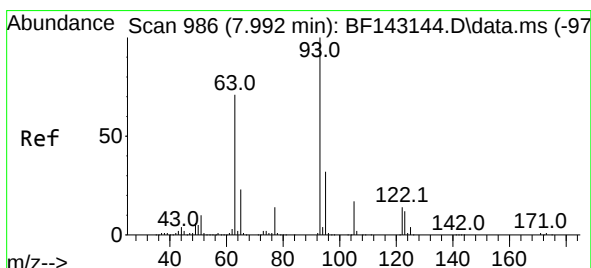
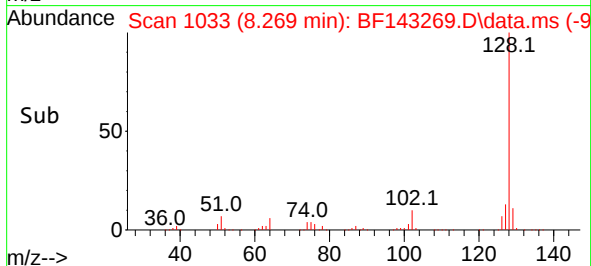
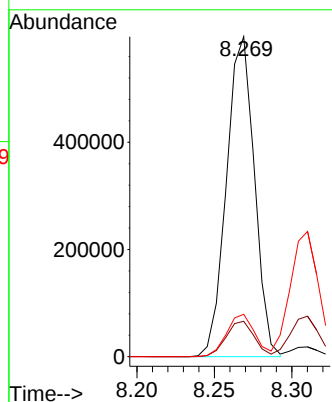
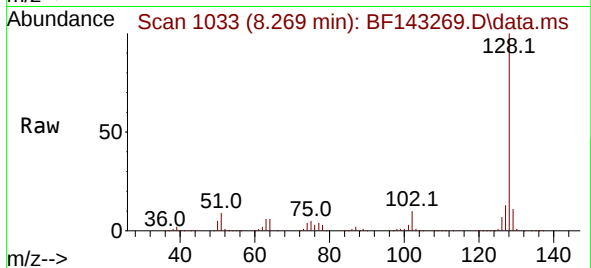
SSTDCCC040

Tgt Ion:128 Resp: 74846
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 13.3 10.6 16.0

Manual Integrations

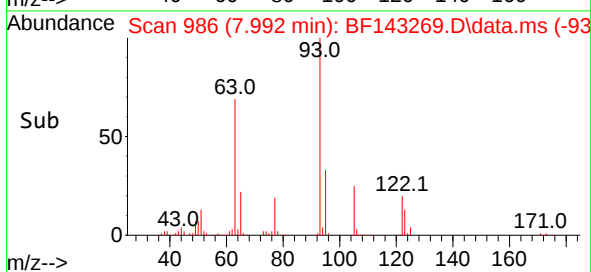
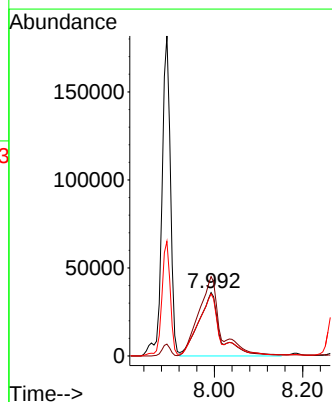
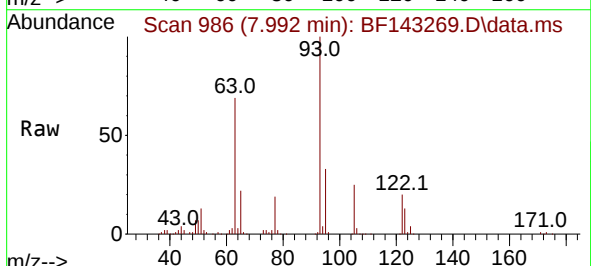
APPROVED

Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025



#32
Benzoic acid
Concen: 33.450 ng m
RT: 7.992 min Scan# 986
Delta R.T. 0.000 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

Tgt Ion:122 Resp: 125785
Ion Ratio Lower Upper
122 100
105 125.1 104.8 144.8
77 98.0 77.6 117.6





#33
4-Chloroaniline
Concen: 35.243 ng
RT: 8.310 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

Instrument :

BNA_F

ClientSampleId :

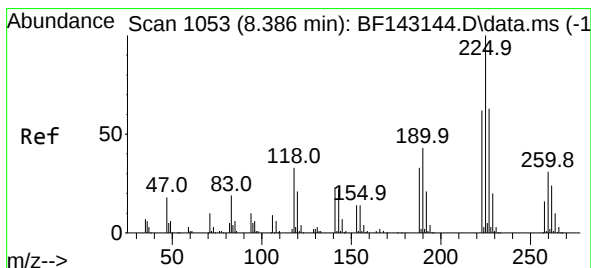
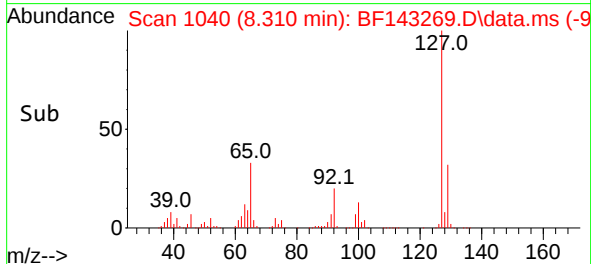
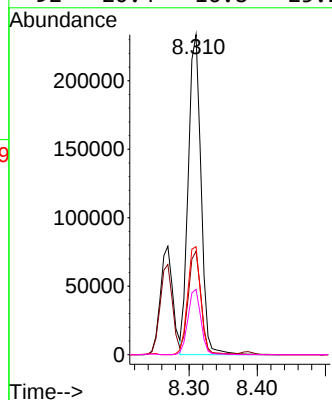
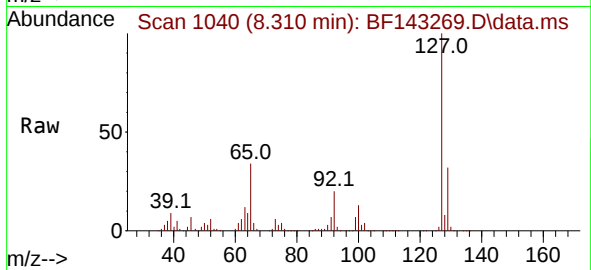
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.0	39.0
65	33.8	27.4	41.2
92	20.4	16.8	25.2

Manual Integrations

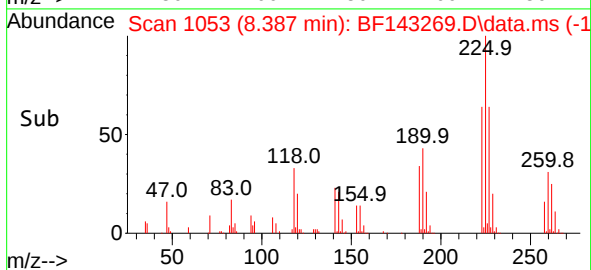
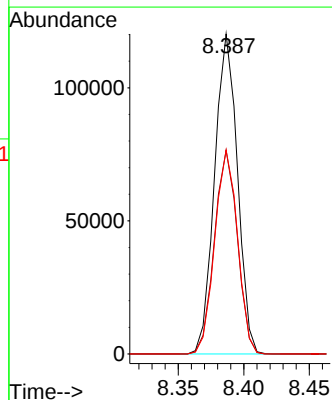
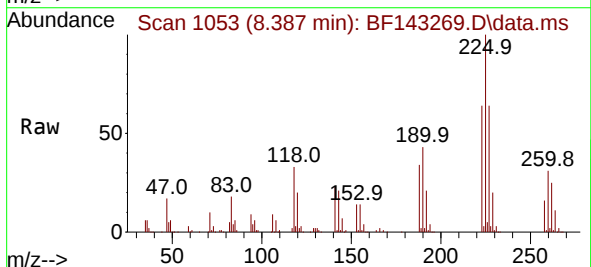
APPROVED

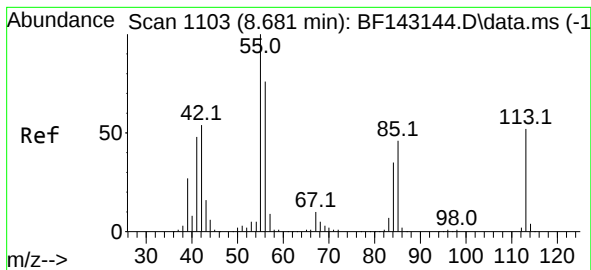
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025



#34
Hexachlorobutadiene
Concen: 37.132 ng
RT: 8.387 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	49.8	74.6
227	63.8	50.2	75.4





#35

Caprolactam

Concen: 37.035 ng

RT: 8.675 min Scan# 1102

Delta R.T. -0.006 min

Lab File: BF143269.D

Acq: 30 Jul 2025 15:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:113 Resp: 6650

Ion Ratio Lower Upper

113 100

55 187.4 174.0 214.0

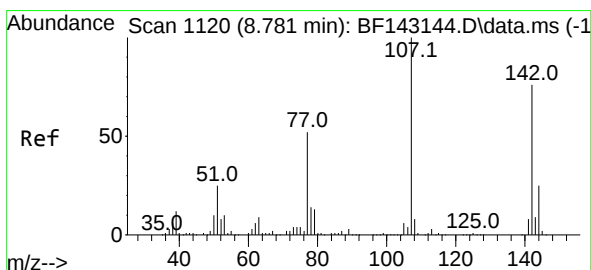
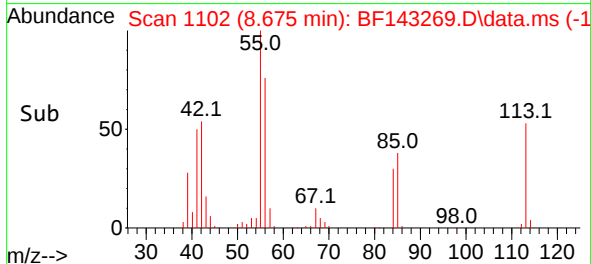
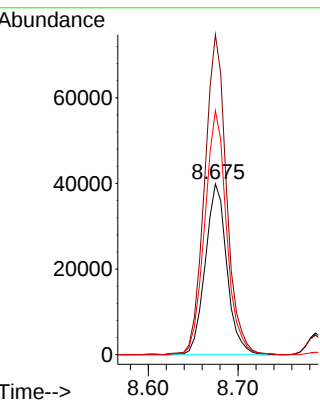
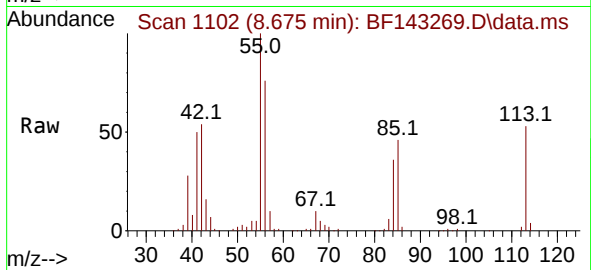
56 142.9 126.6 166.6

Manual Integrations

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Reviewed By :Rahul Chavli 07/31/2025

Supervised By :mohammad ahmed 07/31/2025



#36

4-Chloro-3-methylphenol

Concen: 36.144 ng

RT: 8.787 min Scan# 1121

Delta R.T. 0.006 min

Lab File: BF143269.D

Acq: 30 Jul 2025 15:22

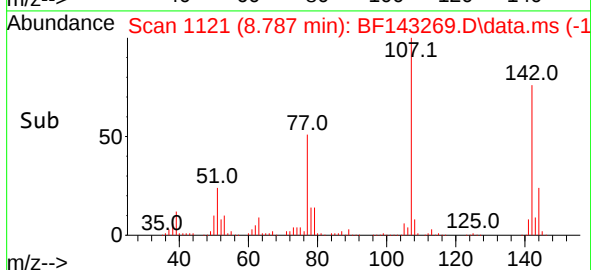
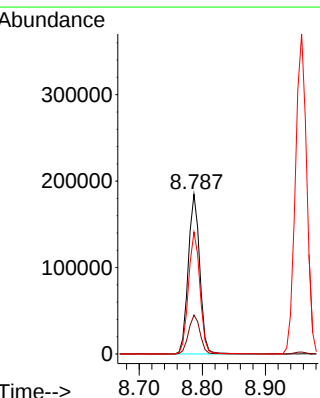
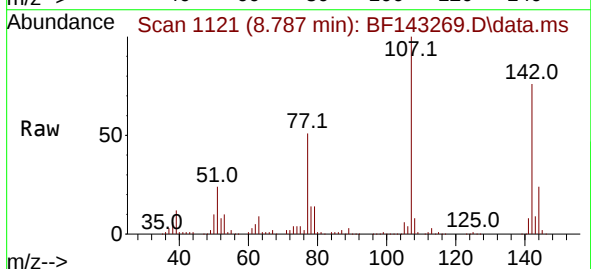
Tgt Ion:107 Resp: 233442

Ion Ratio Lower Upper

107 100

144 24.4 19.8 29.6

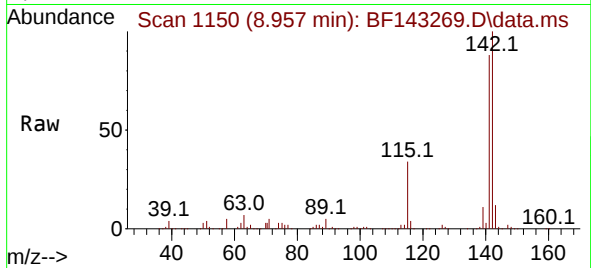
142 76.4 60.6 90.8





#37
2-Methylnaphthalene
Concen: 35.879 ng
RT: 8.957 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

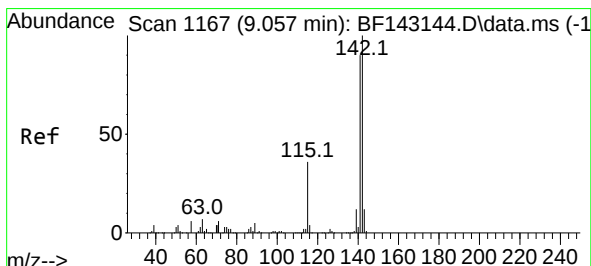
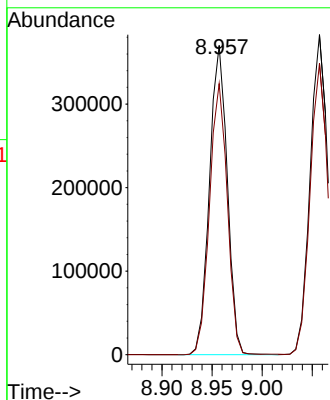
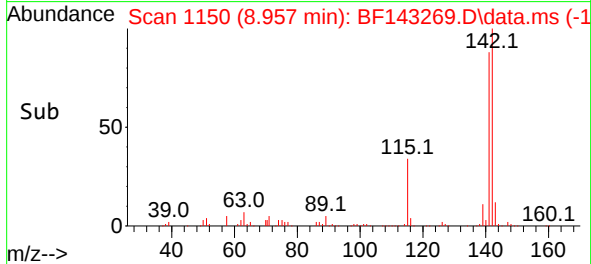
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:142 Resp: 457894
Ion Ratio Lower Upper
142 100
141 87.6 69.9 104.9

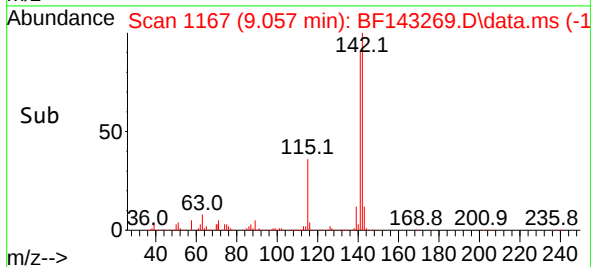
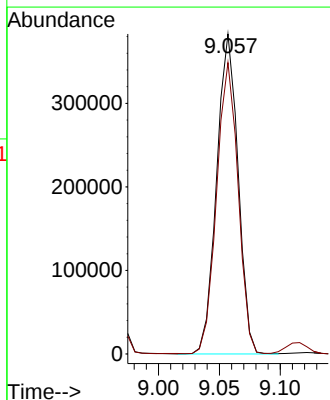
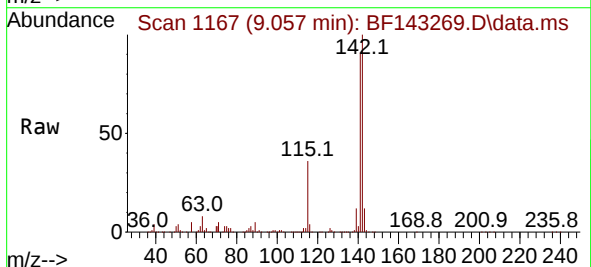
Manual Integrations
APPROVED

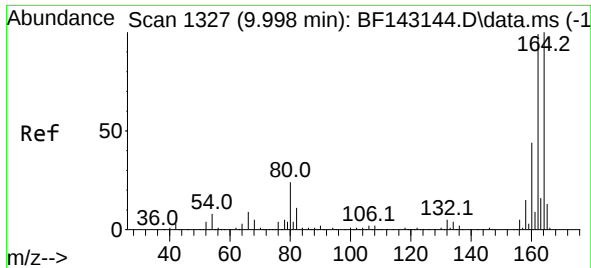
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025



#38
1-Methylnaphthalene
Concen: 35.727 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

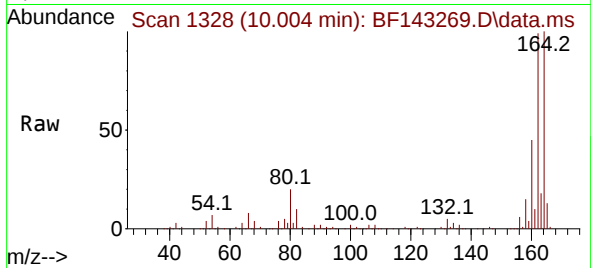
Tgt Ion:142 Resp: 469519
Ion Ratio Lower Upper
142 100
141 91.0 72.3 108.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1178
Delta R.T. 0.006 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

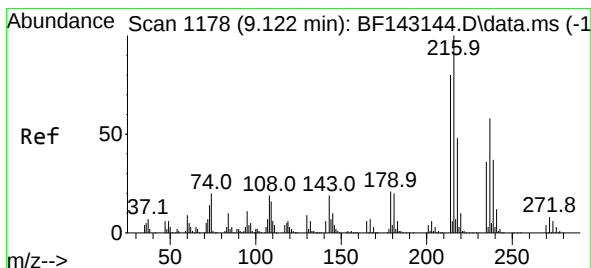
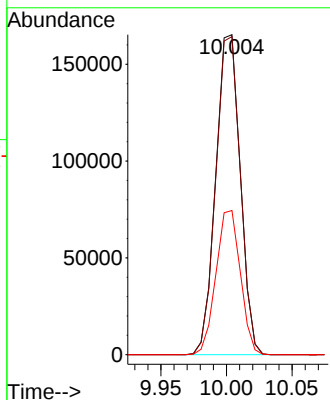
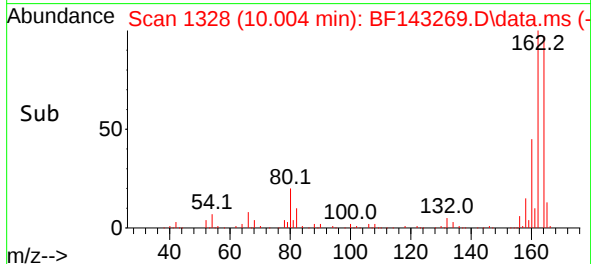
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:164 Resp: 21499
Ion Ratio Lower Upper
164 100
162 99.4 79.0 118.6
160 45.1 35.1 52.7

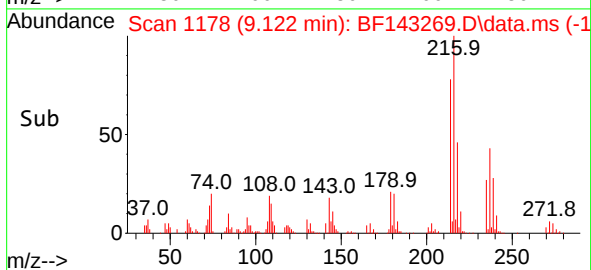
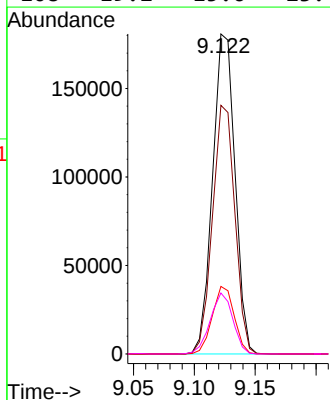
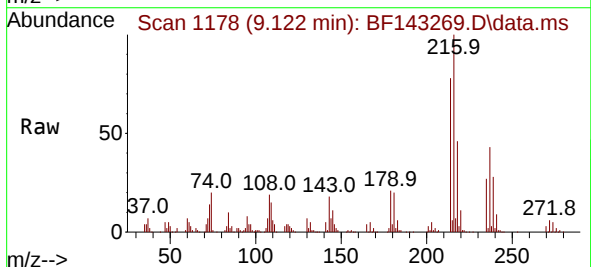
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.386 ng
RT: 9.122 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

Tgt Ion:216 Resp: 232053
Ion Ratio Lower Upper
216 100
214 77.5 63.8 95.8
179 20.6 16.4 24.6
108 19.2 15.6 23.4





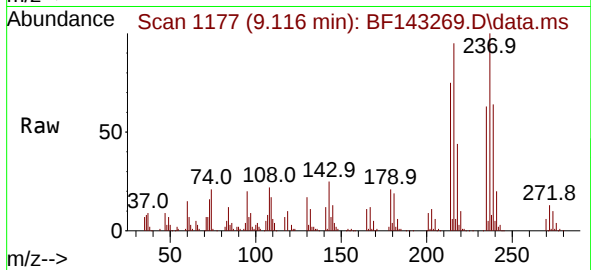
#41
Hexachlorocyclopentadiene
Concen: 35.093 ng
RT: 9.116 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

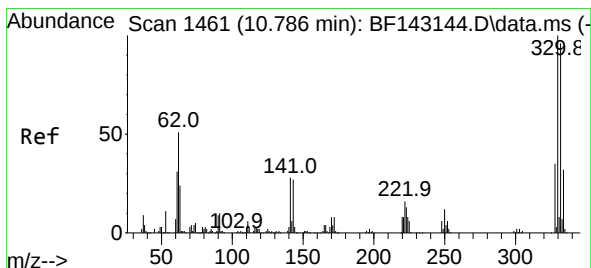
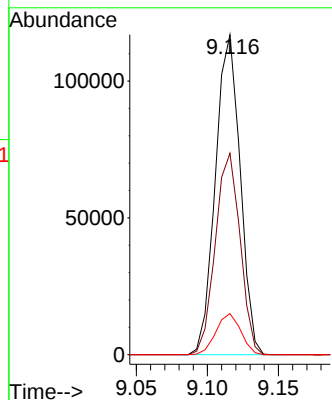
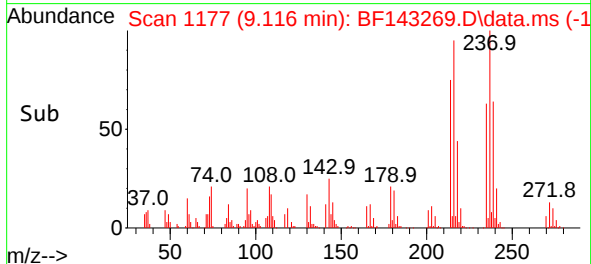


Tgt Ion:237 Resp: 141730
Ion Ratio Lower Upper
237 100
235 62.9 43.0 83.0
272 12.9 0.0 33.3

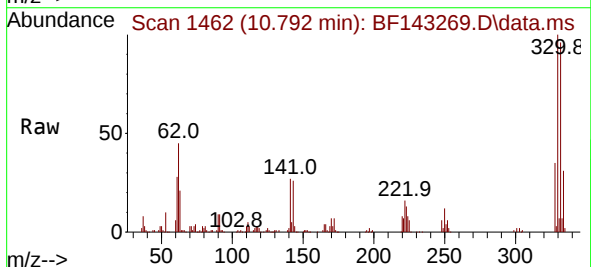
Manual Integrations

APPROVED

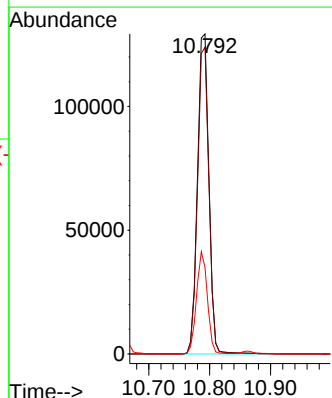
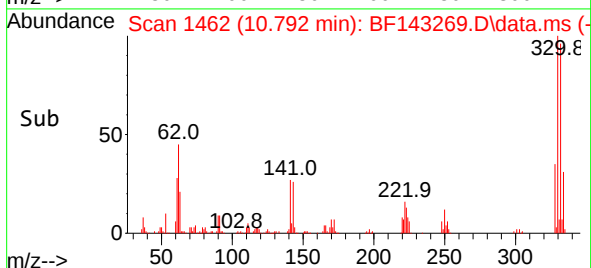
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025



#42
2,4,6-Tribromophenol
Concen: 76.070 ng
RT: 10.792 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22



Tgt Ion:330 Resp: 168949
Ion Ratio Lower Upper
330 100
332 95.4 76.7 115.1
141 30.5 23.3 34.9





#43
2,4,6-Trichlorophenol
Concen: 35.583 ng
RT: 9.234 min Scan# 1196
Delta R.T. 0.006 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

Instrument :

BNA_F

ClientSampleId :

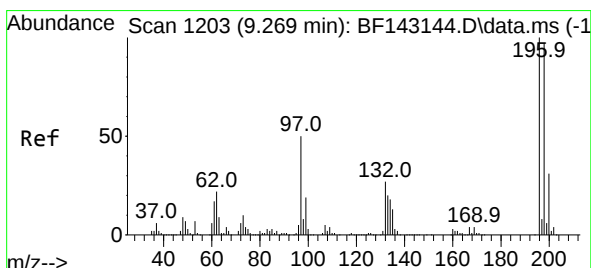
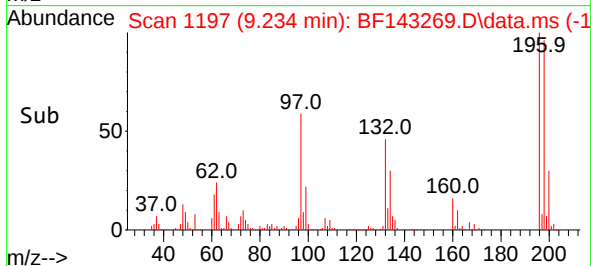
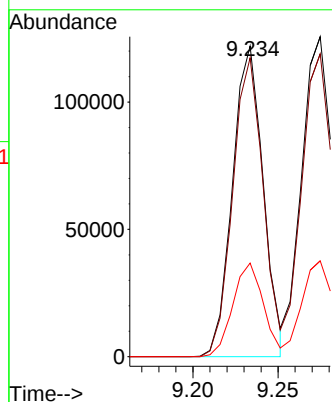
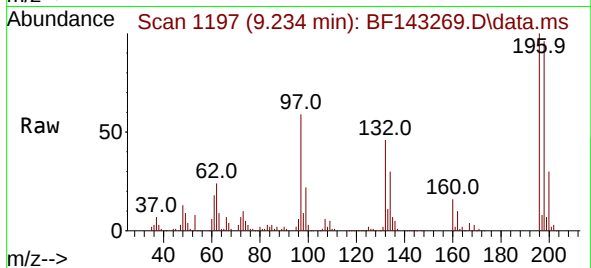
SSTDCCC040

Tgt Ion:196 Resp: 152850
Ion Ratio Lower Upper
196 100
198 96.2 76.2 114.2
200 30.1 23.9 35.9

Manual Integrations

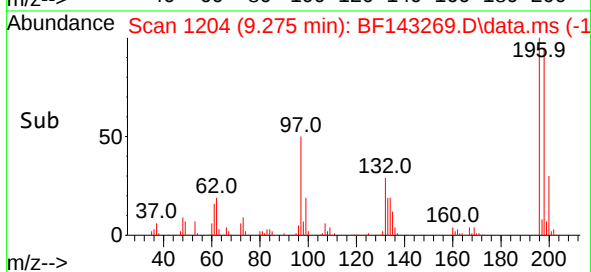
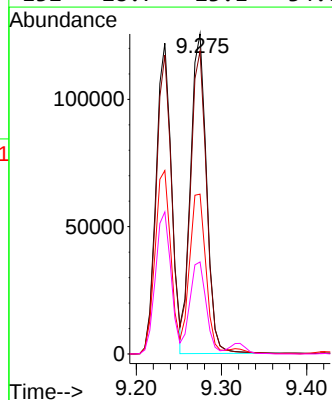
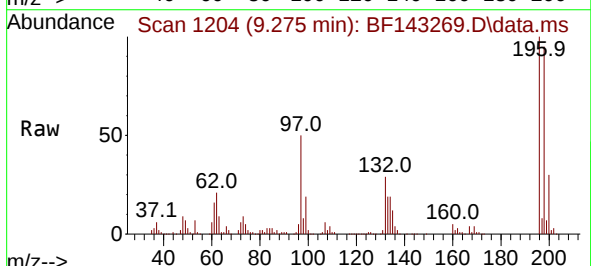
APPROVED

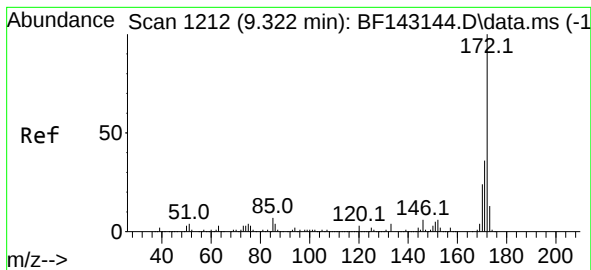
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025



#44
2,4,5-Trichlorophenol
Concen: 38.120 ng
RT: 9.275 min Scan# 1204
Delta R.T. 0.006 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

Tgt Ion:196 Resp: 163807
Ion Ratio Lower Upper
196 100
198 94.7 77.3 115.9
97 50.0 40.3 60.5
132 28.7 23.1 34.7





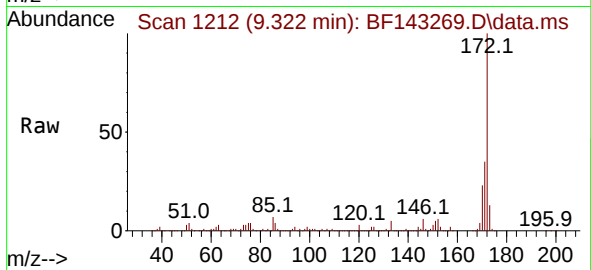
#45
2-Fluorobiphenyl
Concen: 72.716 ng
RT: 9.322 min Scan# 1143090
Delta R.T. 0.000 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

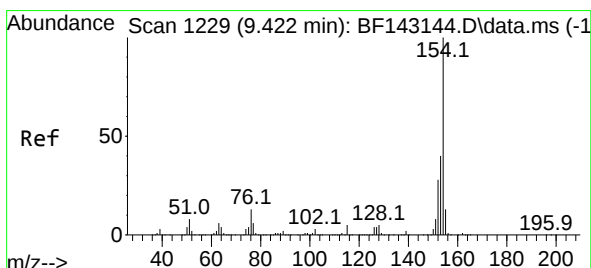
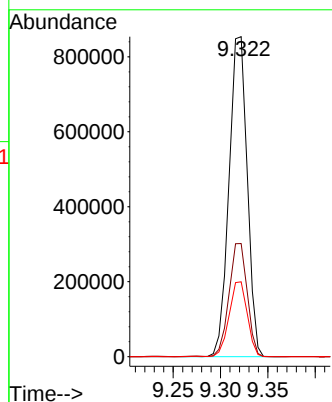
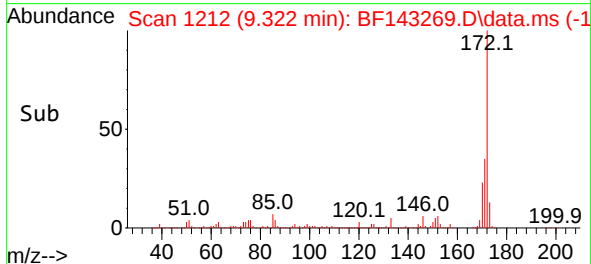


Tgt Ion:172 Resp: 1143090
Ion Ratio Lower Upper
172 100
171 35.4 28.6 42.8
170 23.4 18.8 28.2

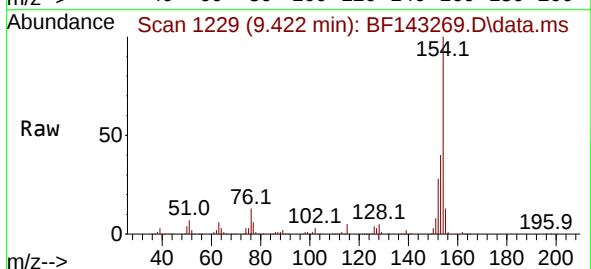
Manual Integrations

APPROVED

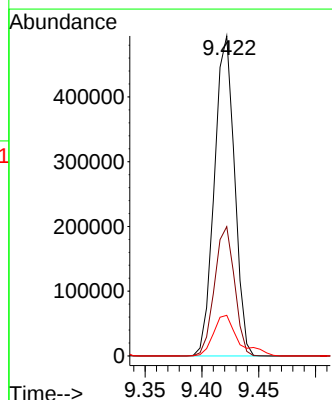
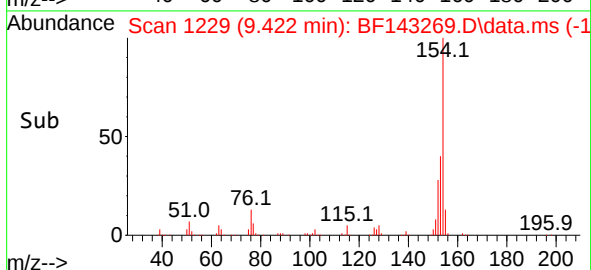
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025



#46
1,1'-Biphenyl
Concen: 36.364 ng
RT: 9.422 min Scan# 1229
Delta R.T. 0.000 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22



Tgt Ion:154 Resp: 609954
Ion Ratio Lower Upper
154 100
153 40.4 20.3 60.3
76 12.7 0.0 33.3





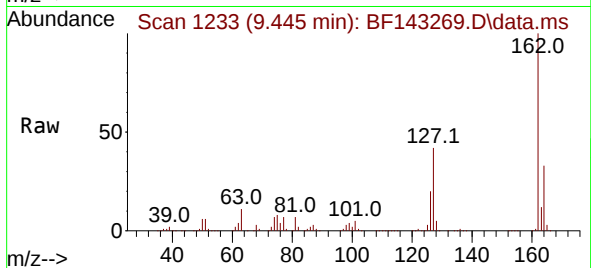
#47
2-Chloronaphthalene
Concen: 36.290 ng
RT: 9.445 min Scan# 1233
Delta R.T. 0.000 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



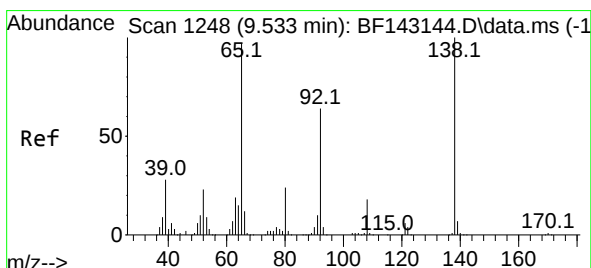
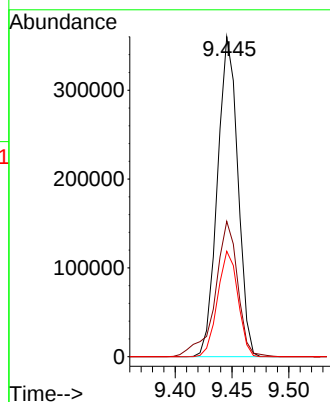
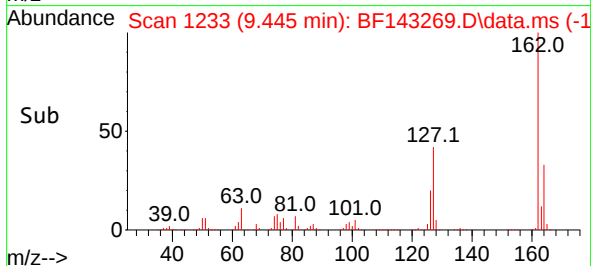
Tgt Ion:162 Resp: 450402
Ion Ratio Lower Upper
162 100
127 42.3 33.4 50.2
164 33.0 26.2 39.2

Manual Integrations

APPROVED

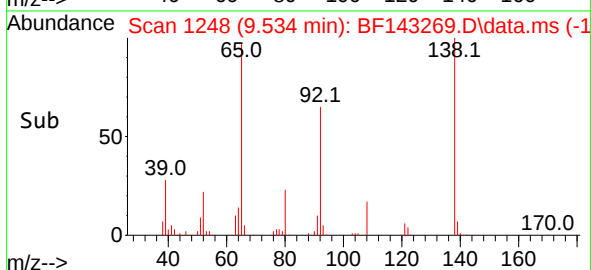
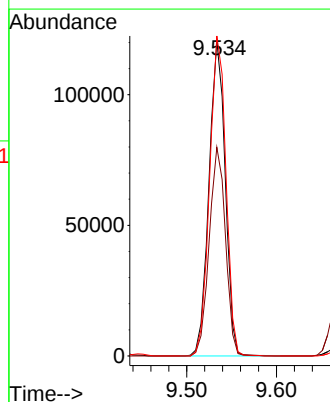
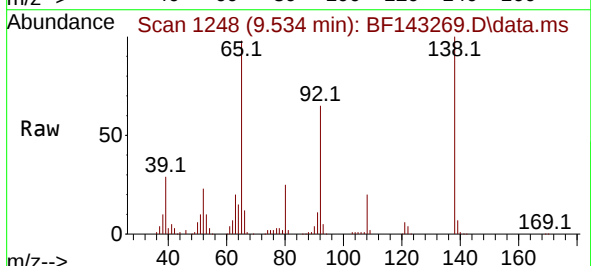
Reviewed By :Rahul Chavli 07/31/2025

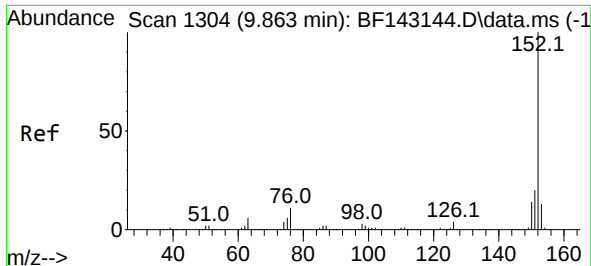
Supervised By :mohammad ahmed 07/31/2025



#48
2-Nitroaniline
Concen: 38.901 ng
RT: 9.534 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

Tgt Ion: 65 Resp: 151408
Ion Ratio Lower Upper
65 100
92 66.3 52.4 78.6
138 101.6 82.3 123.5





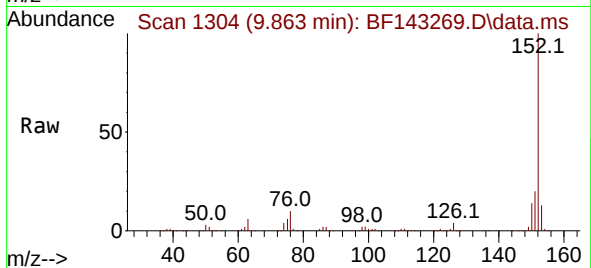
#49
Acenaphthylene
Concen: 36.403 ng
RT: 9.863 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



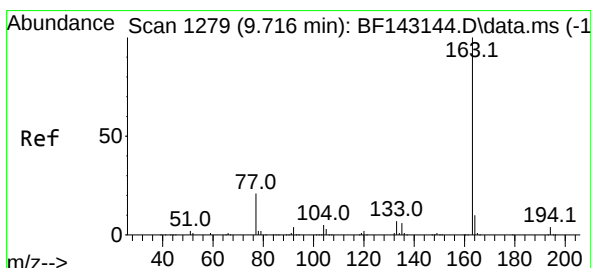
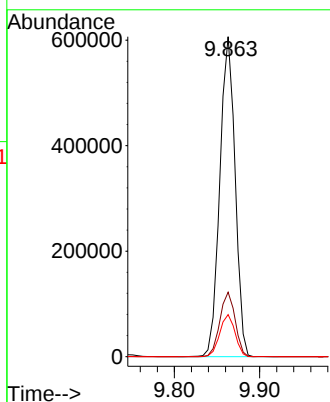
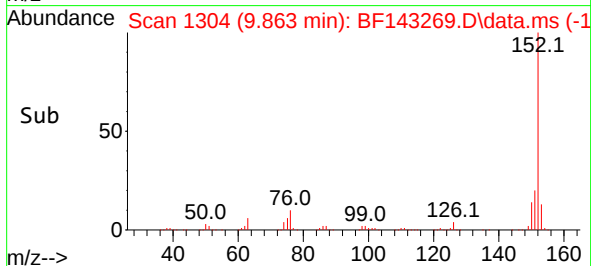
Tgt Ion:152 Resp: 757150
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 13.1 10.6 16.0

Manual Integrations

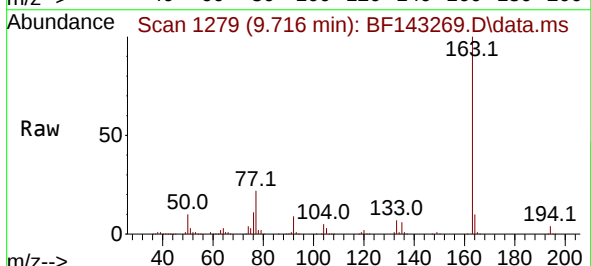
APPROVED

Reviewed By :Rahul Chavli 07/31/2025

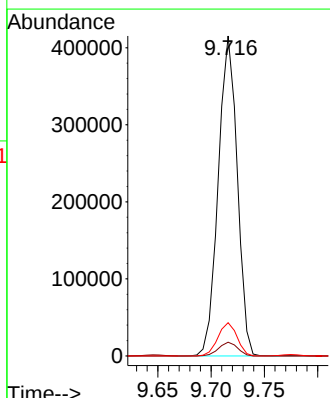
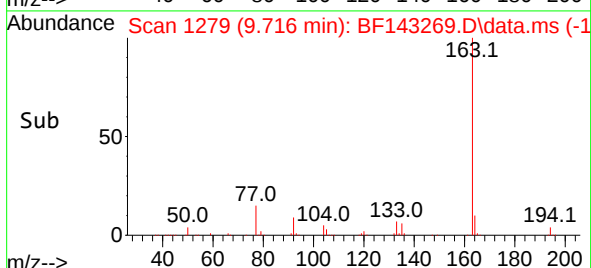
Supervised By :mohammad ahmed 07/31/2025

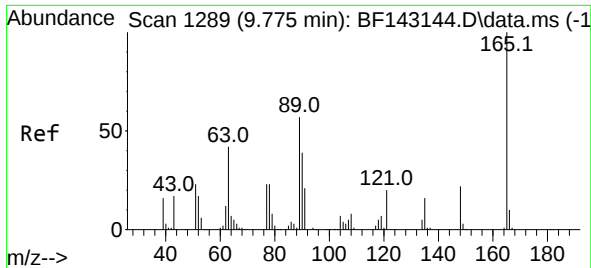


#50
Dimethylphthalate
Concen: 36.696 ng
RT: 9.716 min Scan# 1279
Delta R.T. 0.000 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22



Tgt Ion:163 Resp: 514246
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.4 8.3 12.5





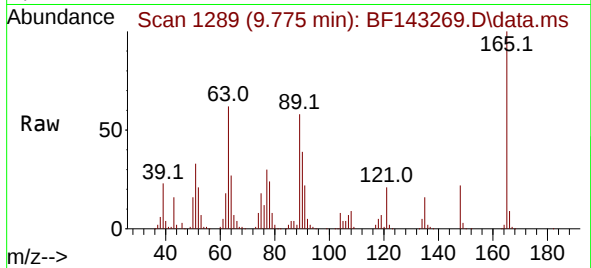
#51
2,6-Dinitrotoluene
Concen: 39.394 ng
RT: 9.775 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

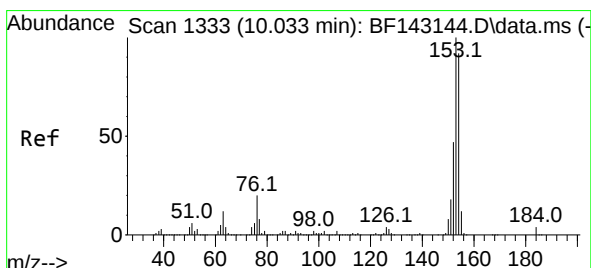
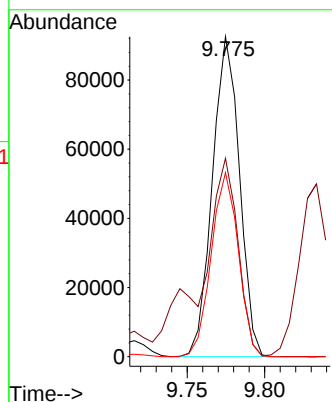
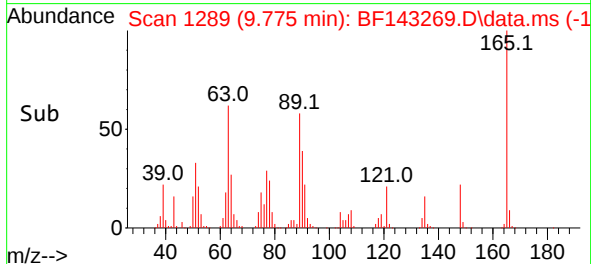


Tgt Ion:165 Resp: 112309
Ion Ratio Lower Upper
165 100
63 62.0 49.4 74.2
89 57.5 46.2 69.2

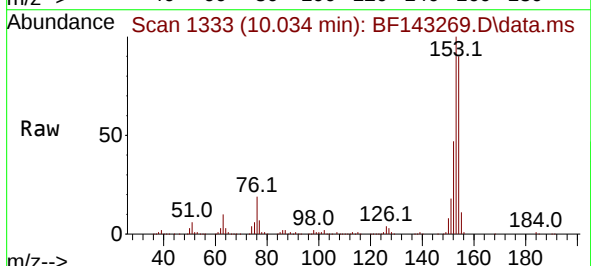
Manual Integrations

APPROVED

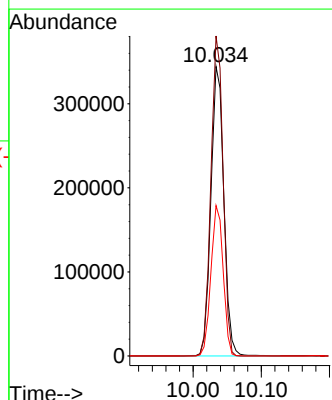
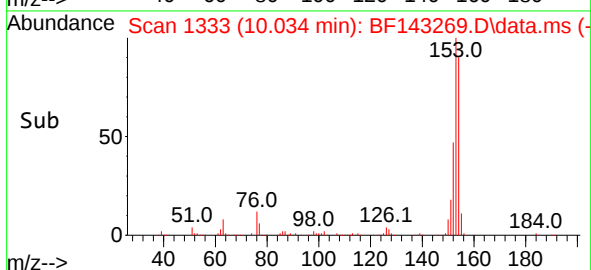
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025

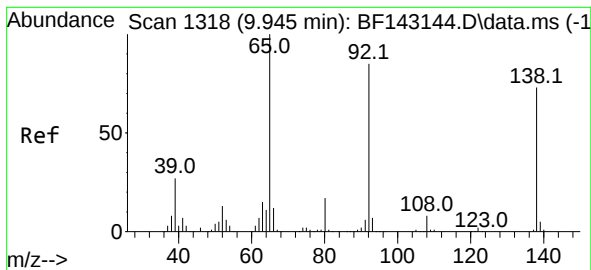


#52
Acenaphthene
Concen: 36.999 ng
RT: 10.034 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22



Tgt Ion:154 Resp: 454839
Ion Ratio Lower Upper
154 100
153 110.6 86.6 129.8
152 51.9 40.4 60.6





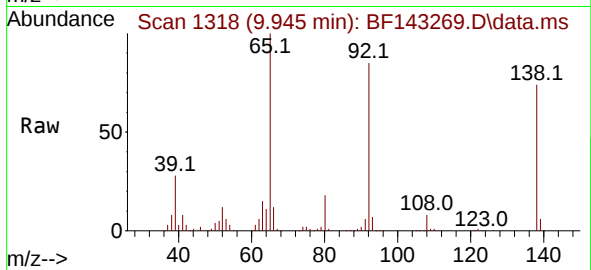
#53
3-Nitroaniline
Concen: 37.740 ng
RT: 9.945 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



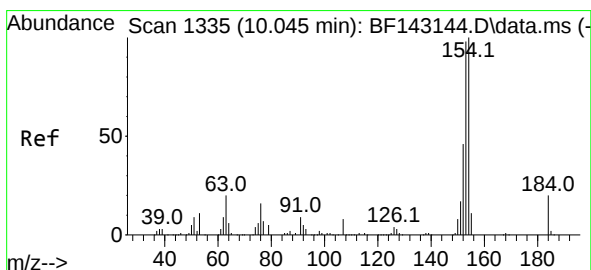
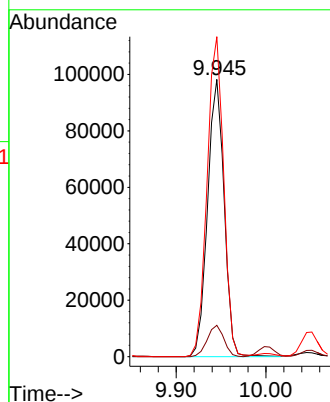
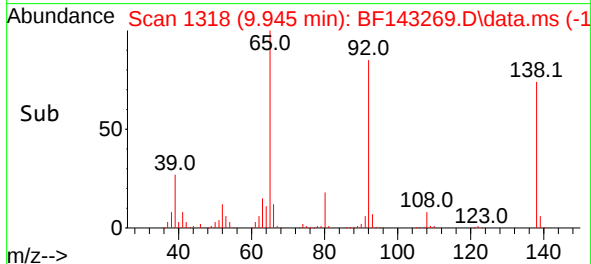
Tgt Ion:138 Resp: 12584
Ion Ratio Lower Upper
138 100
108 11.3 9.0 13.6
92 115.4 93.0 139.4

Manual Integrations

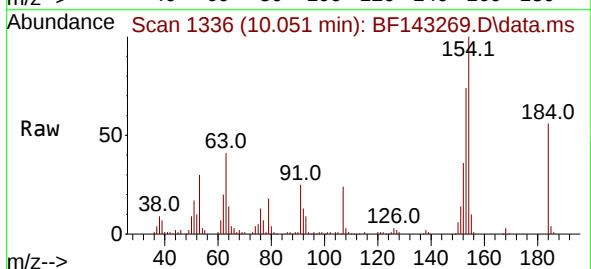
APPROVED

Reviewed By :Rahul Chavli 07/31/2025

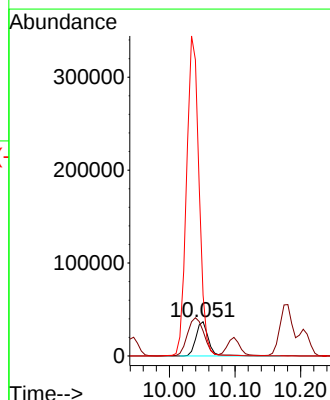
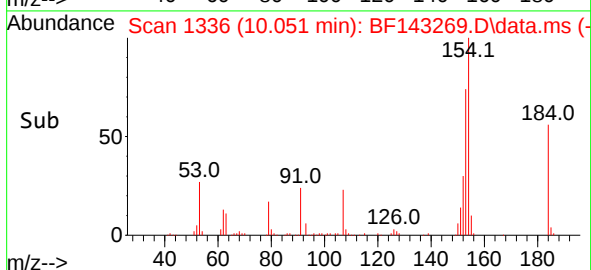
Supervised By :mohammad ahmed 07/31/2025

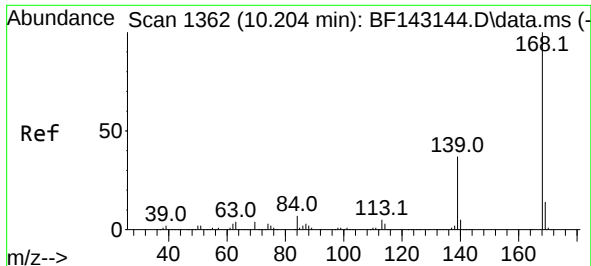


#54
2,4-Dinitrophenol
Concen: 41.684 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22



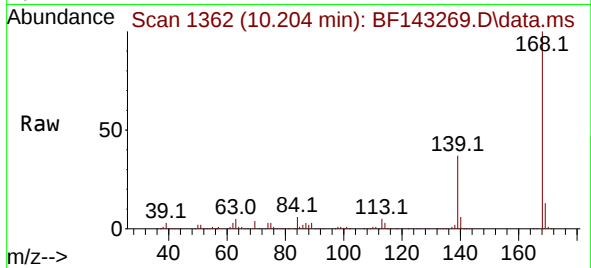
Tgt Ion:184 Resp: 49359
Ion Ratio Lower Upper
184 100
63 73.2 81.8 122.6#
154 177.9 412.2 618.4#





#55
Dibenzenofuran
Concen: 36.120 ng
RT: 10.204 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

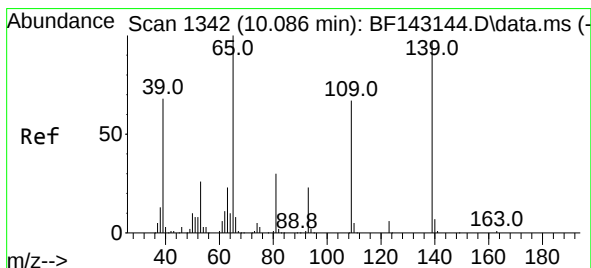
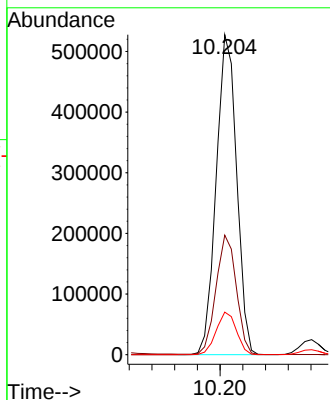
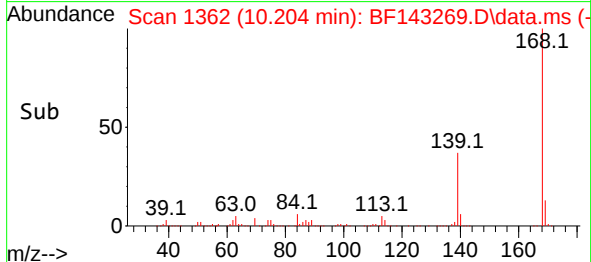
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:168 Resp: 65924
Ion Ratio Lower Upper
168 100
139 37.3 29.5 44.3
169 13.3 10.9 16.3

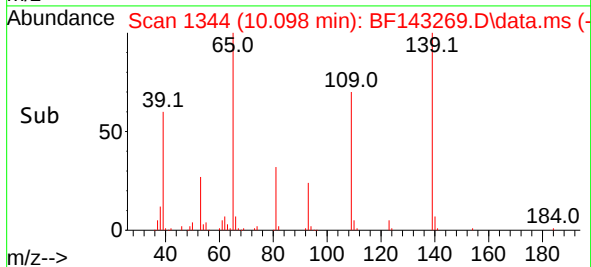
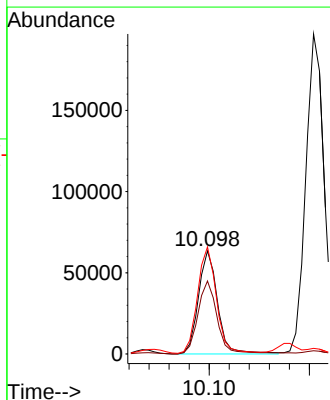
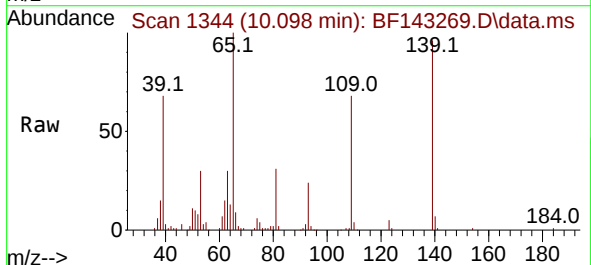
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025



#56
4-Nitrophenol
Concen: 33.936 ng
RT: 10.098 min Scan# 1344
Delta R.T. 0.012 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

Tgt Ion:139 Resp: 84501
Ion Ratio Lower Upper
139 100
109 70.9 48.5 88.5
65 103.9 83.4 123.4





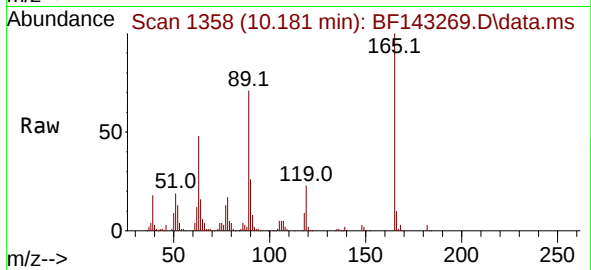
#57
2,4-Dinitrotoluene
Concen: 40.781 ng
RT: 10.181 min Scan# 1357
Delta R.T. 0.006 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

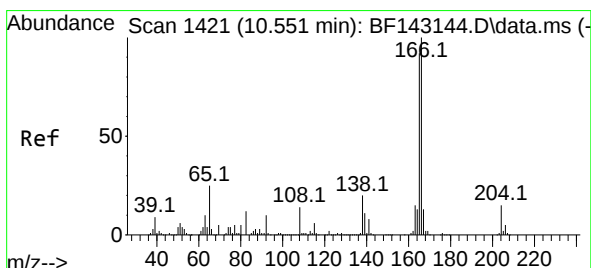
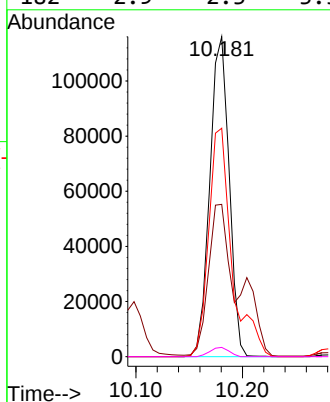
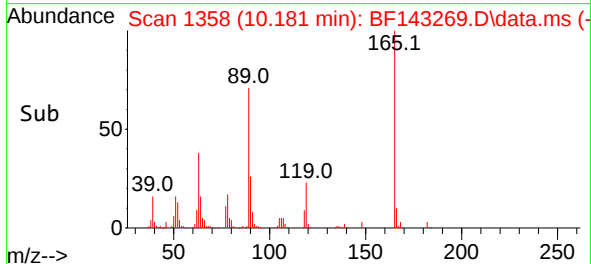


Tgt Ion:165 Resp: 145859
Ion Ratio Lower Upper
165 100
63 47.6 41.0 61.4
89 71.4 61.1 91.7
182 2.9 2.3 3.5

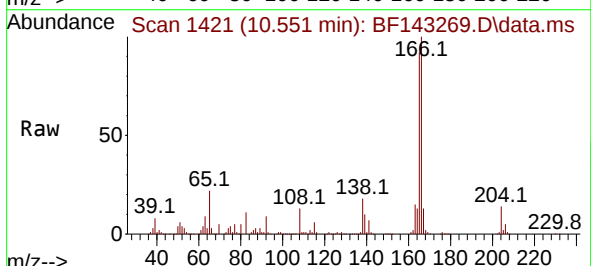
Manual Integrations

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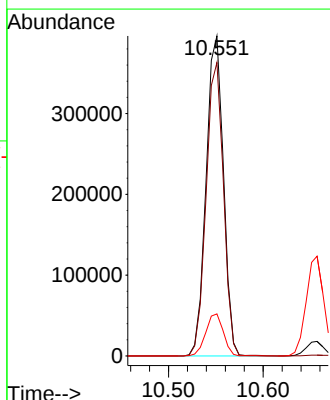
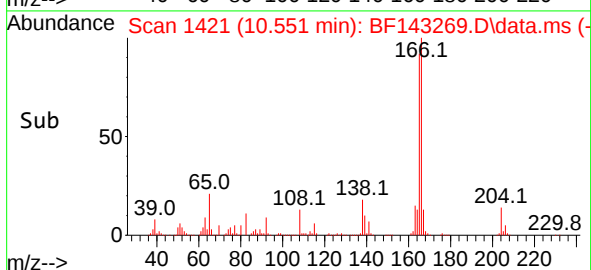
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025



#58
Fluorene
Concen: 36.760 ng
RT: 10.551 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22



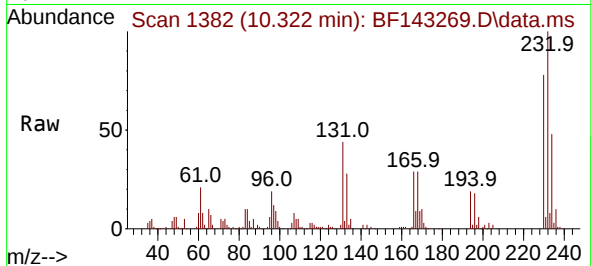
Tgt Ion:166 Resp: 503547
Ion Ratio Lower Upper
166 100
165 91.7 73.7 110.5
167 13.2 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 36.792 ng
RT: 10.322 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

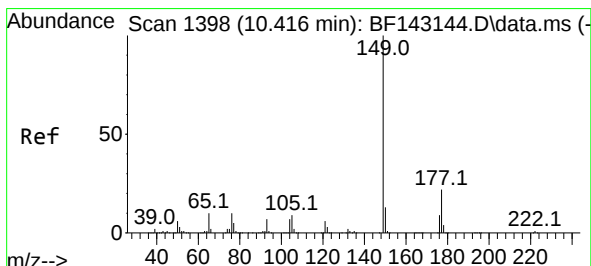
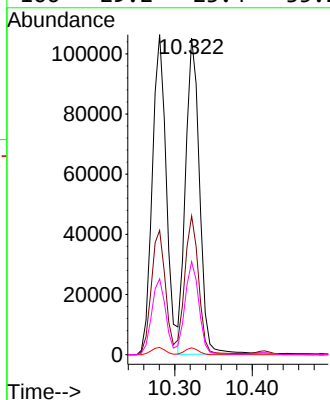
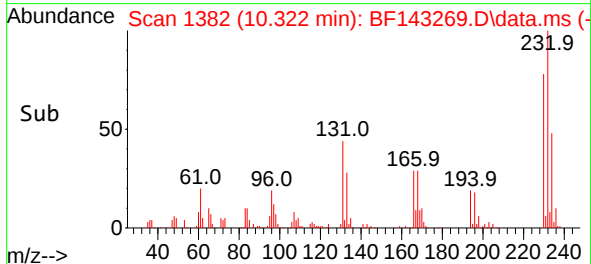
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:232 Resp: 130961
Ion Ratio Lower Upper
232 100
131 44.6 35.3 52.9
130 2.1 1.7 2.5
166 29.2 23.4 35.2

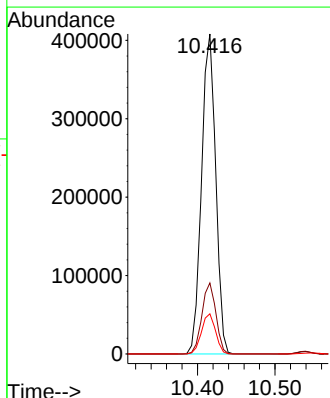
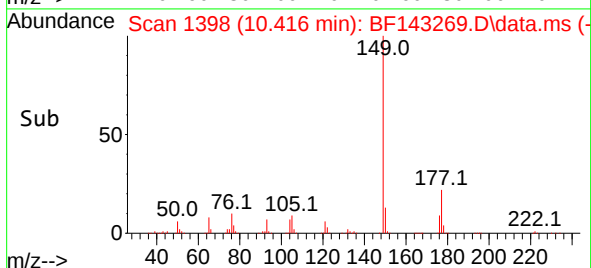
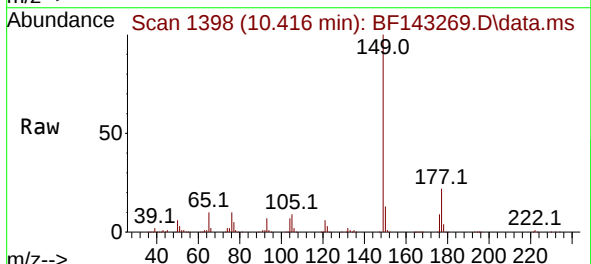
Manual Integrations
APPROVED

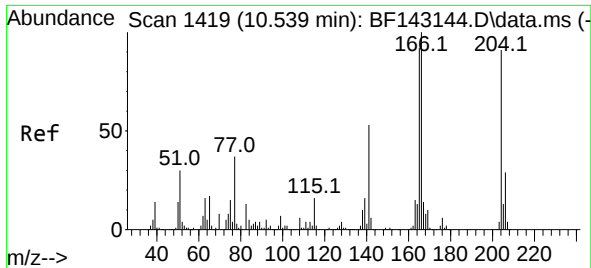
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025



#60
Diethylphthalate
Concen: 37.327 ng
RT: 10.416 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

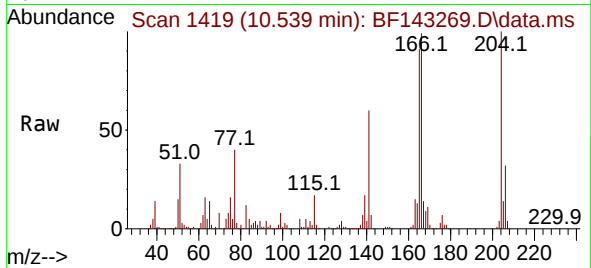
Tgt Ion:149 Resp: 517025
Ion Ratio Lower Upper
149 100
177 22.2 17.5 26.3
150 12.5 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 37.358 ng
RT: 10.539 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

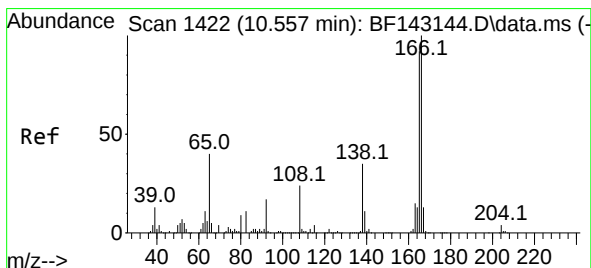
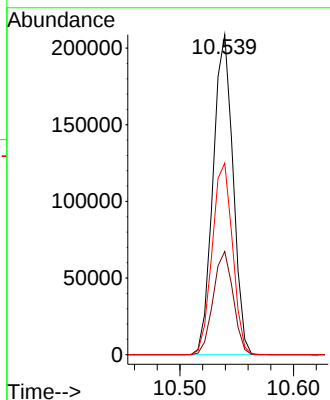
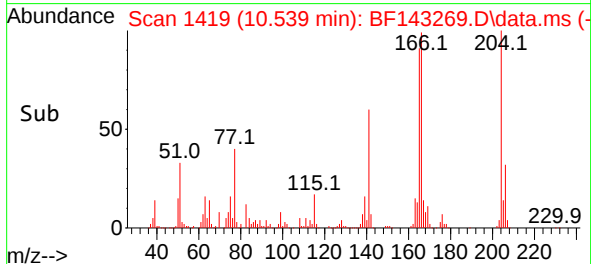
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



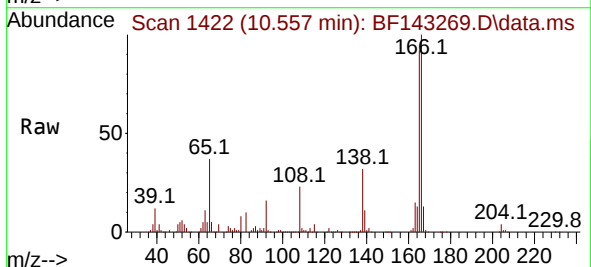
Tgt Ion:204 Resp: 25481
Ion Ratio Lower Upper
204 100
206 32.2 25.8 38.8
141 59.9 47.0 70.4

Manual Integrations
APPROVED

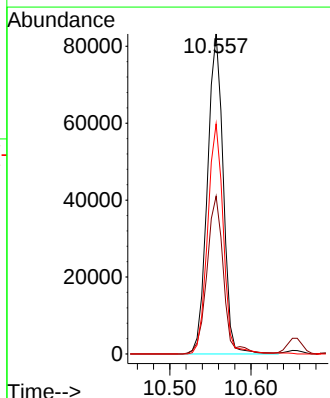
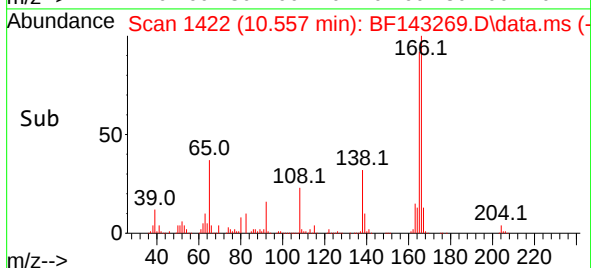
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025

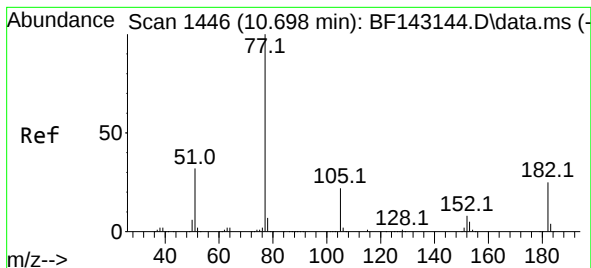


#62
4-Nitroaniline
Concen: 39.303 ng
RT: 10.557 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22



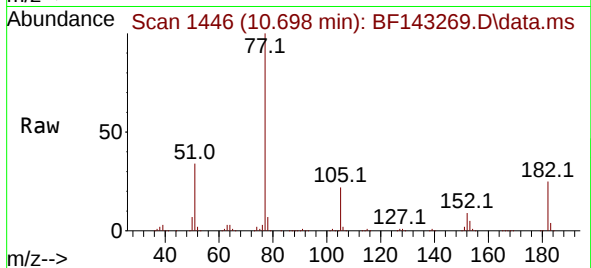
Tgt Ion:138 Resp: 112320
Ion Ratio Lower Upper
138 100
92 49.3 29.3 69.3
108 71.9 48.3 88.3





#63
Azobenzene
Concen: 35.332 ng
RT: 10.698 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

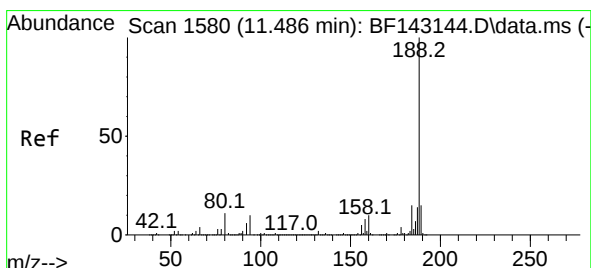
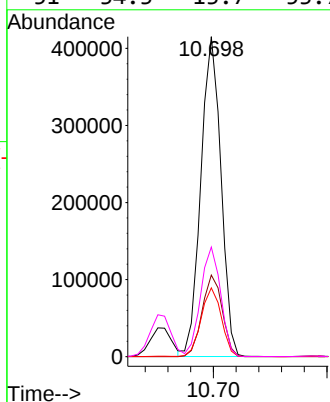
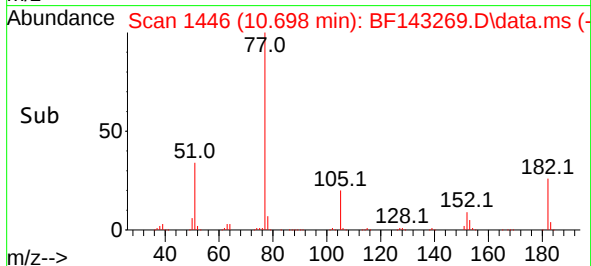
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



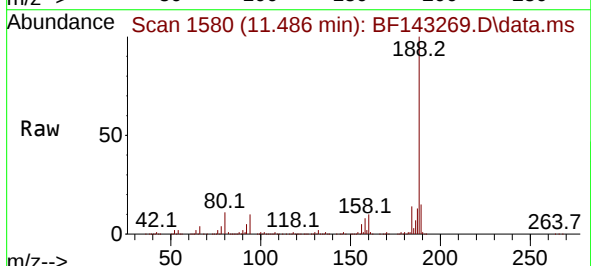
Tgt Ion: 77 Resp: 51054
Ion Ratio Lower Upper
77 100
182 25.5 4.6 44.6
105 21.5 1.4 41.4
51 34.3 13.7 53.7

Manual Integrations
APPROVED

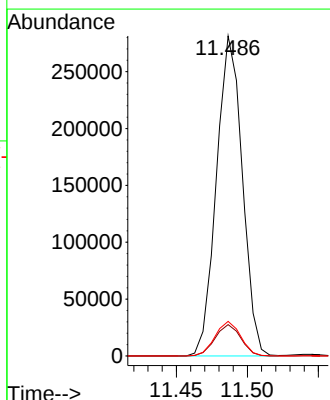
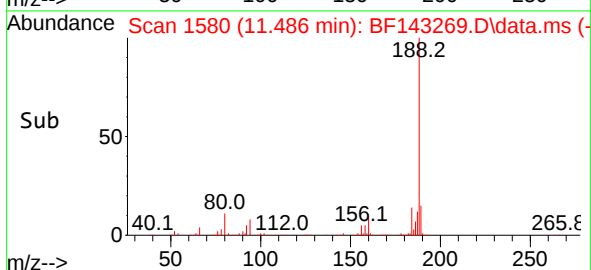
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025

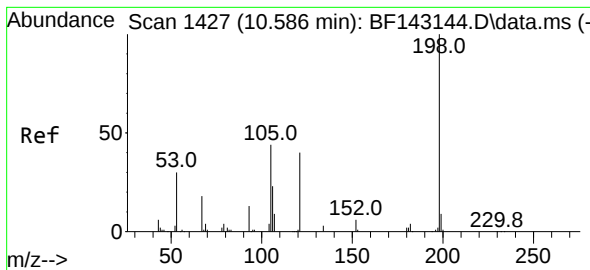


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22



Tgt Ion:188 Resp: 356537
Ion Ratio Lower Upper
188 100
94 9.8 8.3 12.5
80 10.8 9.0 13.6





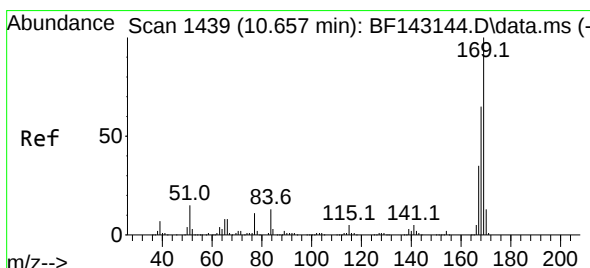
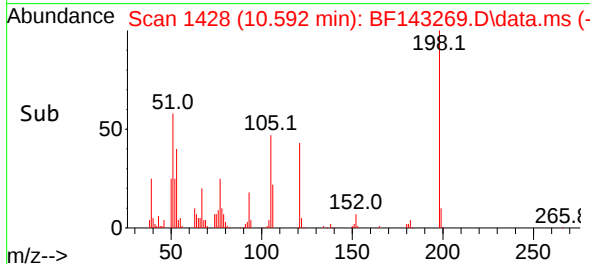
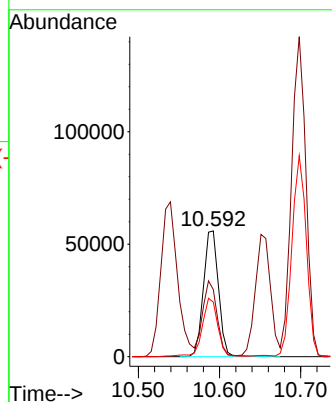
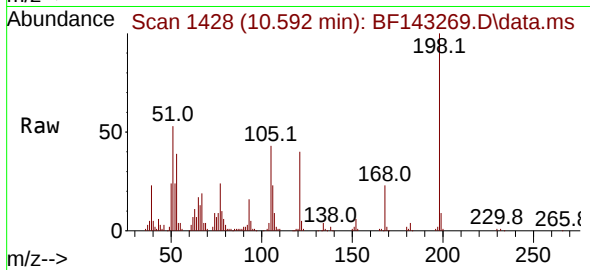
#65
4,6-Dinitro-2-methylphenol
Concen: 39.655 ng
RT: 10.592 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 72130
Ion Ratio Lower Upper
198 100
51 53.4 37.2 77.2
105 43.4 24.8 64.8

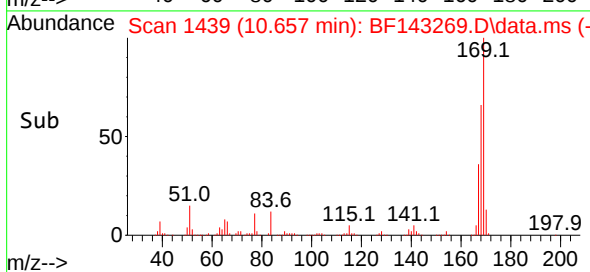
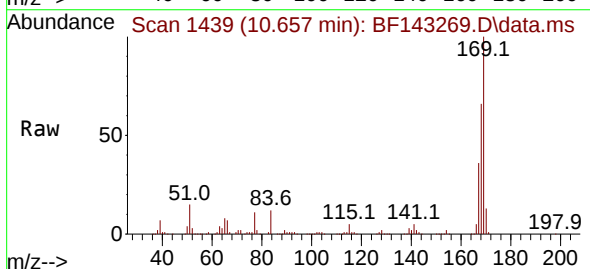
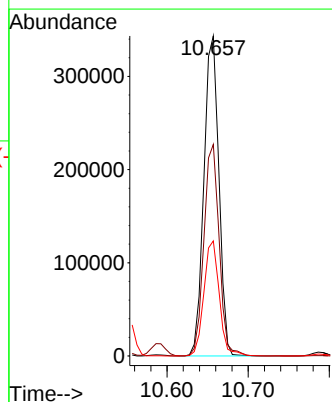
Manual Integrations
APPROVED

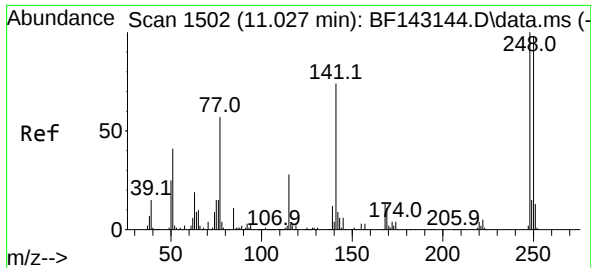
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025



#66
n-Nitrosodiphenylamine
Concen: 34.955 ng
RT: 10.657 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

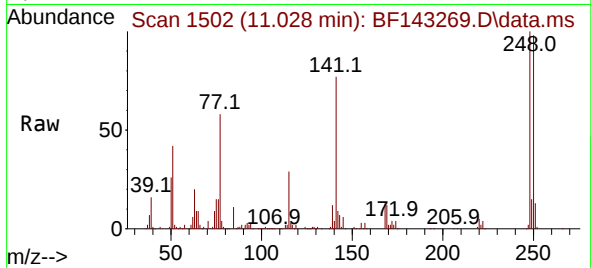
Tgt Ion:169 Resp: 438850
Ion Ratio Lower Upper
169 100
168 66.1 52.1 78.1
167 36.0 28.2 42.2





#67
4-Bromophenyl-phenylether
Concen: 35.730 ng
RT: 11.028 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

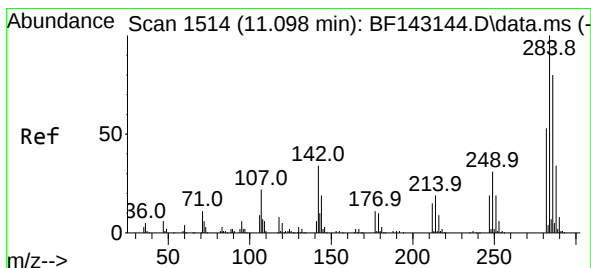
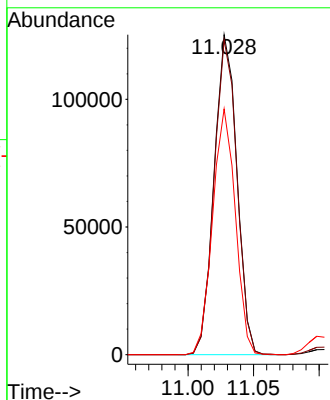
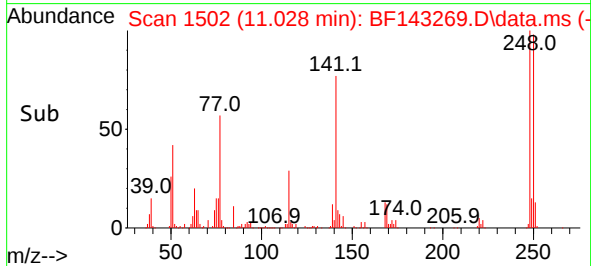
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



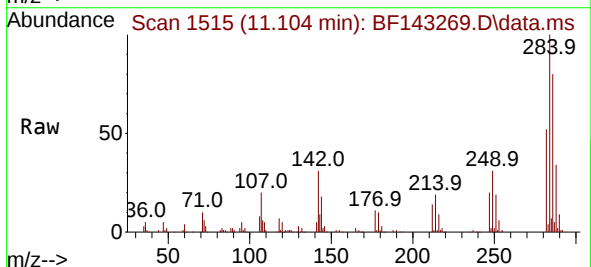
Tgt Ion:248 Resp: 151814
Ion Ratio Lower Upper
248 100
250 98.4 78.3 117.5
141 76.8 59.2 88.8

Manual Integrations
APPROVED

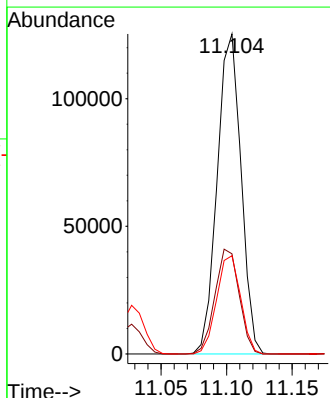
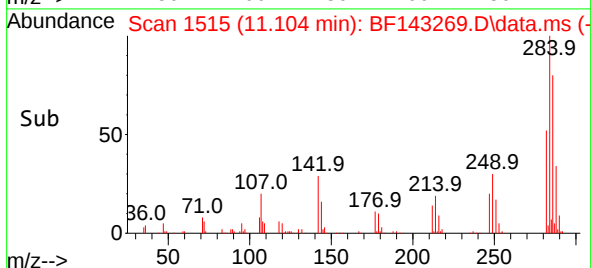
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025

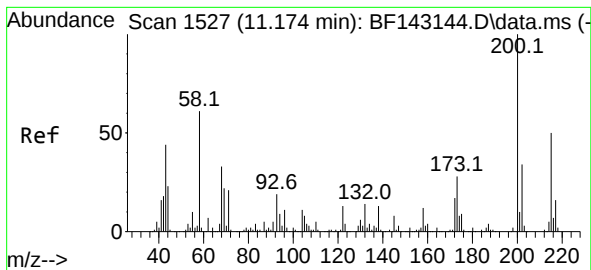


#68
Hexachlorobenzene
Concen: 35.603 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.006 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22



Tgt Ion:284 Resp: 158114
Ion Ratio Lower Upper
284 100
142 31.3 27.0 40.6
249 30.7 25.0 37.6





#69

Atrazine

Concen: 38.065 ng

RT: 11.180 min Scan# 1528

Delta R.T. 0.006 min

Lab File: BF143269.D

Acq: 30 Jul 2025 15:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:200 Resp: 131750

Ion Ratio Lower Upper

200 100

173 27.3 7.9 47.9

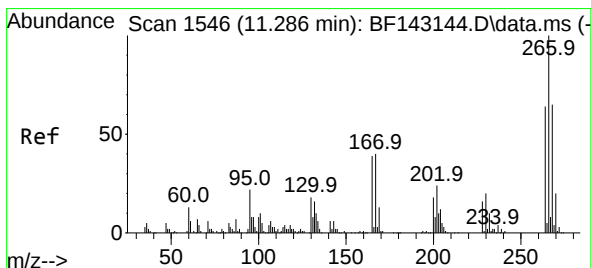
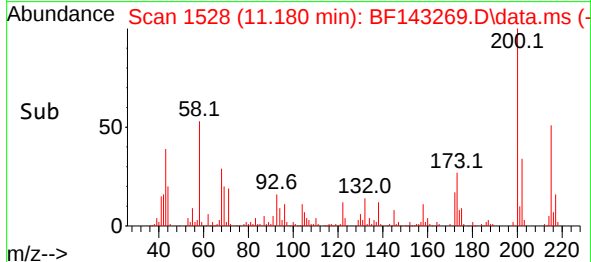
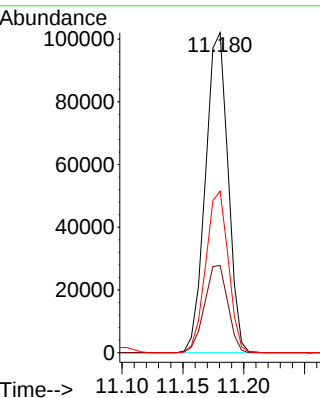
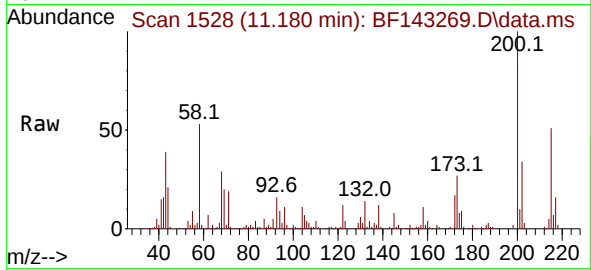
215 50.5 30.1 70.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/31/2025

Supervised By :mohammad ahmed 07/31/2025



#70

Pentachlorophenol

Concen: 52.723 ng

RT: 11.292 min Scan# 1547

Delta R.T. 0.006 min

Lab File: BF143269.D

Acq: 30 Jul 2025 15:22

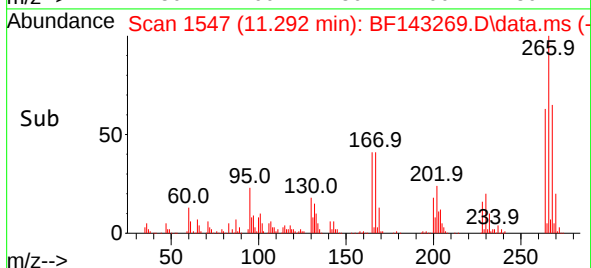
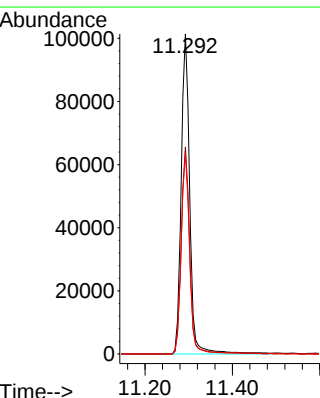
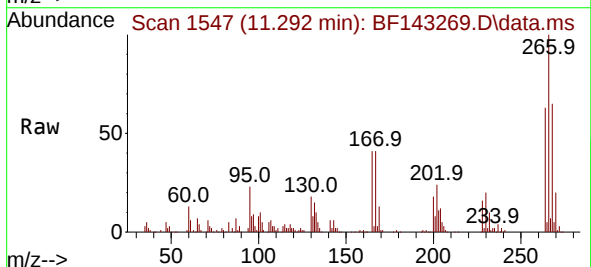
Tgt Ion:266 Resp: 137698

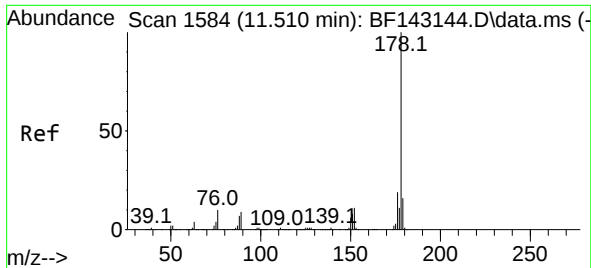
Ion Ratio Lower Upper

266 100

268 64.7 51.9 77.9

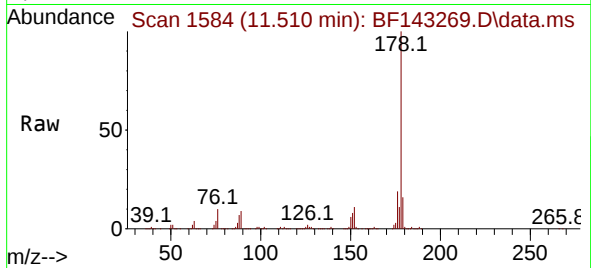
264 62.8 51.0 76.6





#71
Phenanthrene
Concen: 35.250 ng
RT: 11.510 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

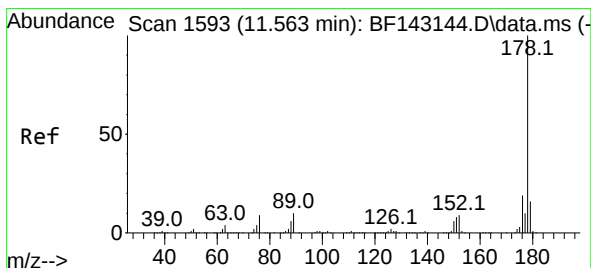
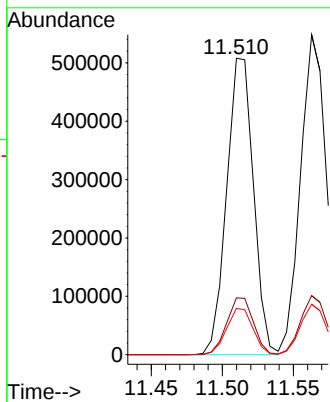
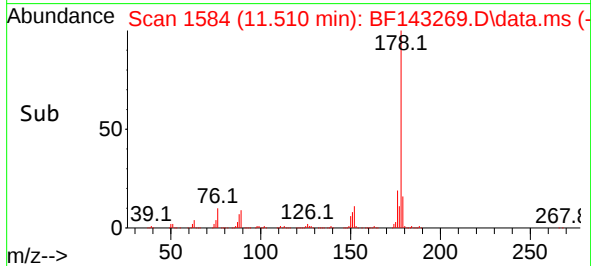
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



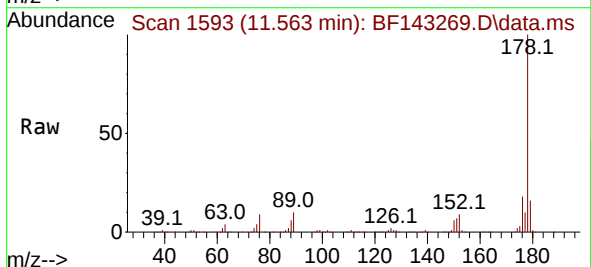
Tgt Ion:178 Resp: 667310
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.6 12.5 18.7

Manual Integrations
APPROVED

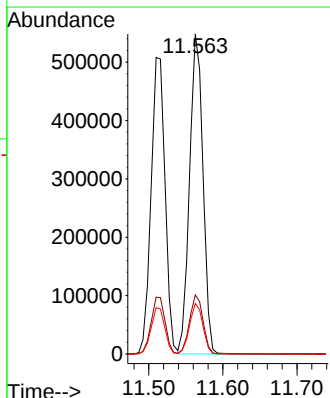
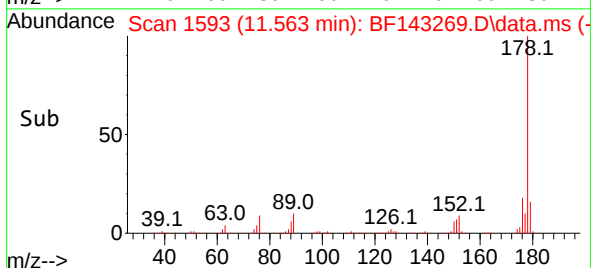
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025

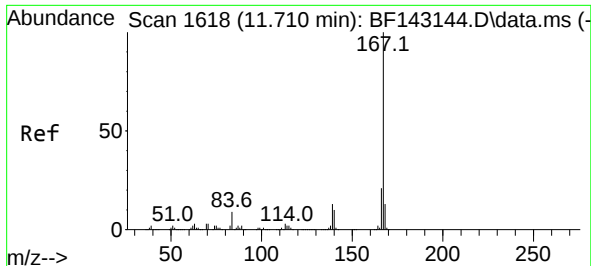


#72
Anthracene
Concen: 35.722 ng
RT: 11.563 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22



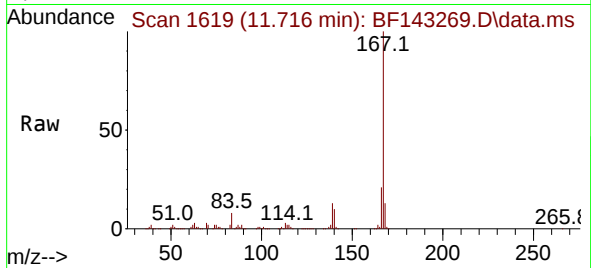
Tgt Ion:178 Resp: 689714
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.4
179 15.8 12.5 18.7





#73
Carbazole
Concen: 35.578 ng
RT: 11.716 min Scan# 1618
Delta R.T. 0.006 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

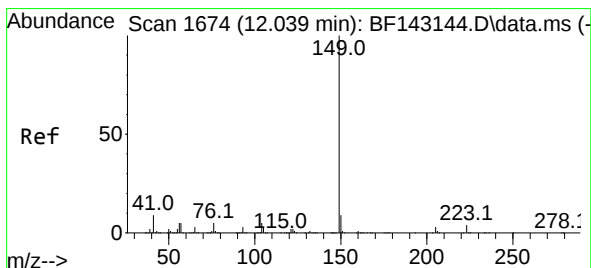
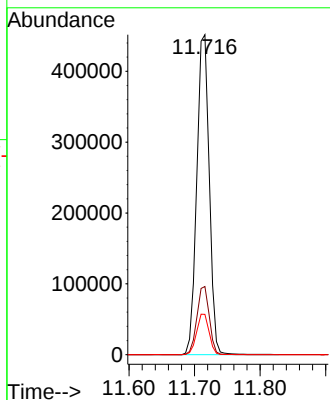
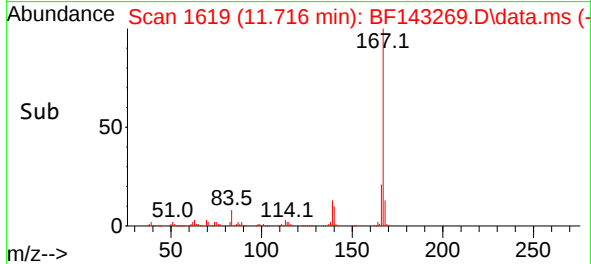
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



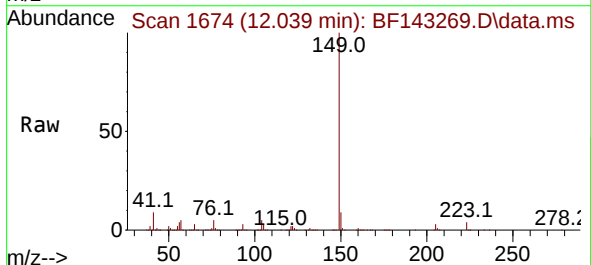
Tgt Ion:167 Resp: 599825
Ion Ratio Lower Upper
167 100
166 21.3 17.0 25.6
139 12.6 10.0 15.0

Manual Integrations
APPROVED

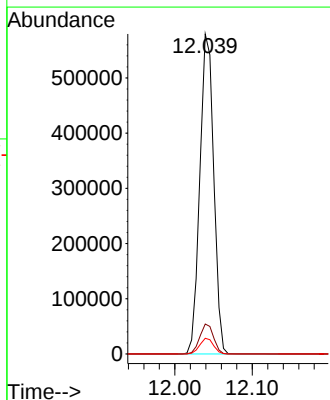
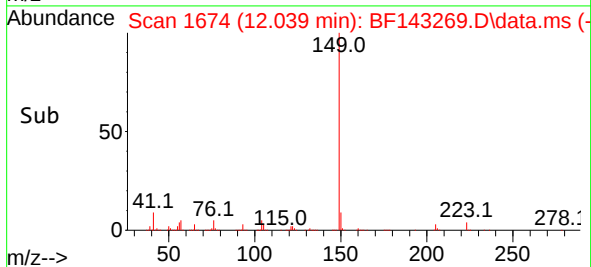
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025

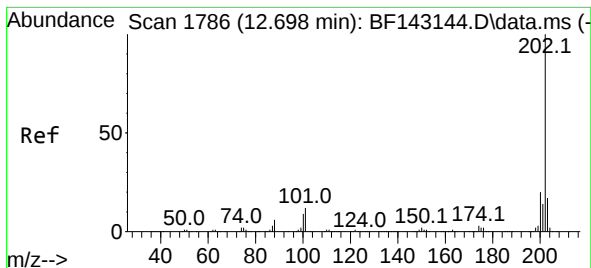


#74
Di-n-butylphthalate
Concen: 37.905 ng
RT: 12.039 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22



Tgt Ion:149 Resp: 723076
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.2
104 4.9 3.8 5.8





#75

Fluoranthene

Concen: 37.315 ng

RT: 12.704 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF143269.D

Acq: 30 Jul 2025 15:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:202 Resp: 648389

Ion Ratio Lower Upper

202 100

101 10.5 0.0 31.7

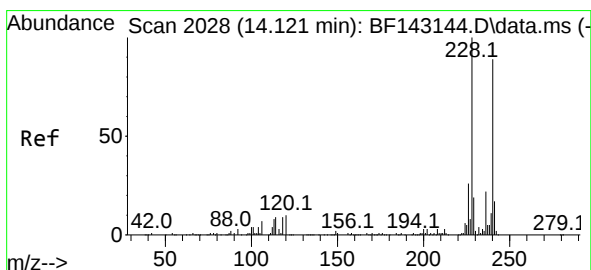
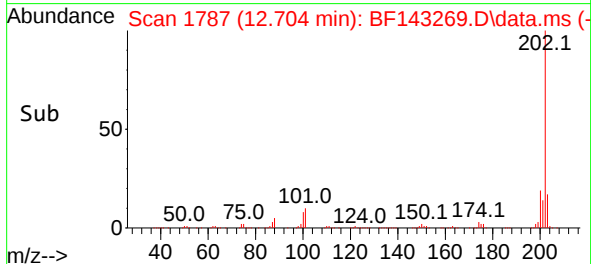
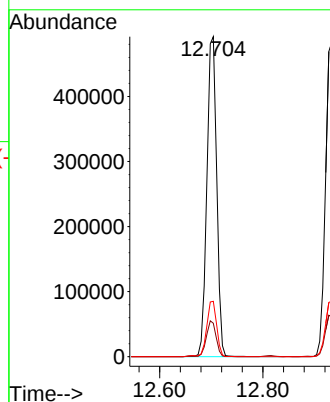
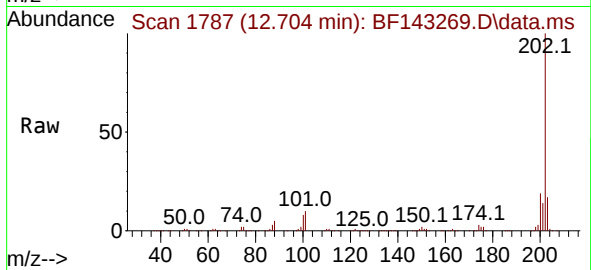
203 17.3 0.0 37.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/31/2025

Supervised By :mohammad ahmed 07/31/2025



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.127 min Scan# 2029

Delta R.T. 0.006 min

Lab File: BF143269.D

Acq: 30 Jul 2025 15:22

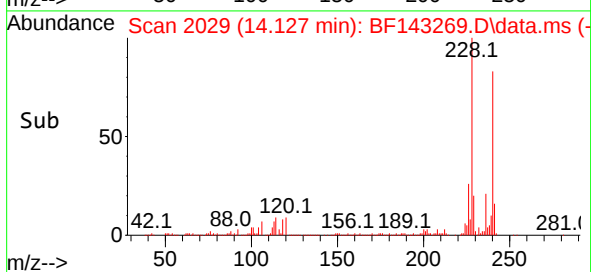
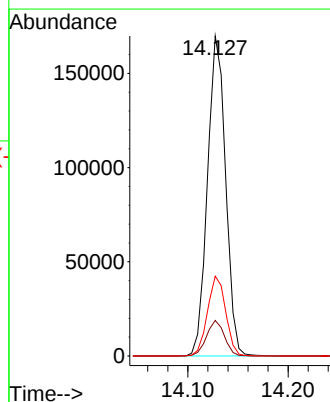
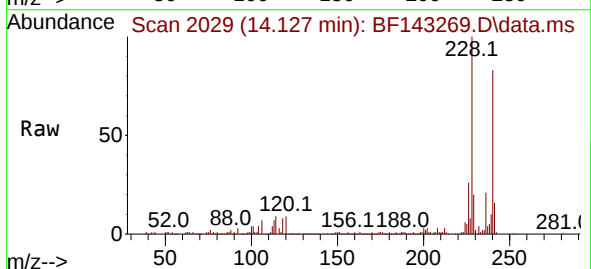
Tgt Ion:240 Resp: 214084

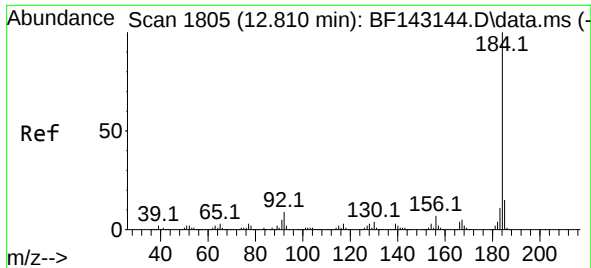
Ion Ratio Lower Upper

240 100

120 11.1 9.4 14.2

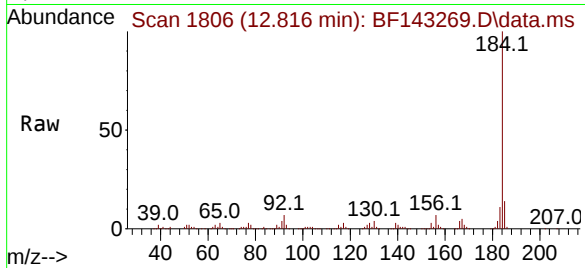
236 25.0 20.2 30.4





#77
Benzidine
Concen: 37.527 ng
RT: 12.816 min Scan# 1806
Delta R.T. 0.006 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

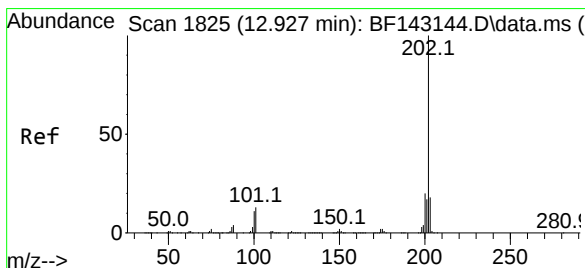
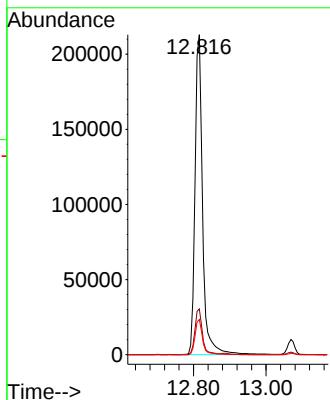
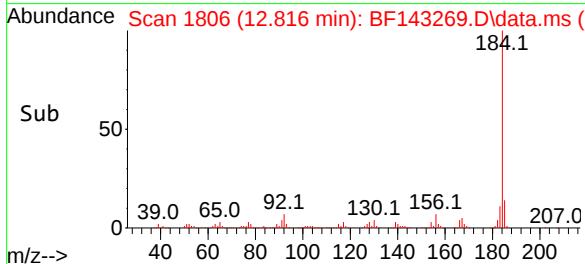
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



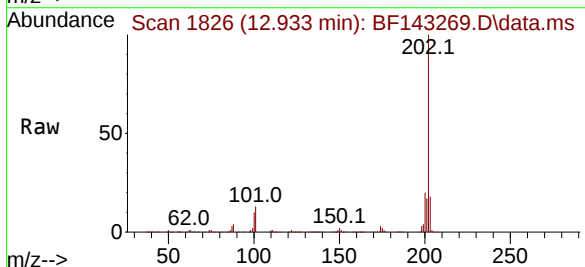
Tgt Ion:184 Resp: 309520
Ion Ratio Lower Upper
184 100
185 14.3 12.2 18.4
183 11.0 9.0 13.4

Manual Integrations
APPROVED

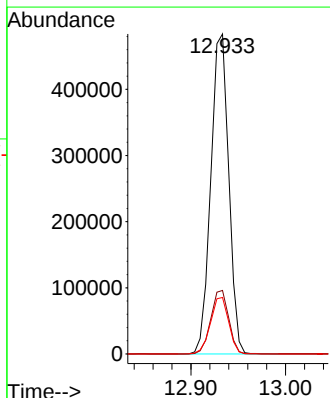
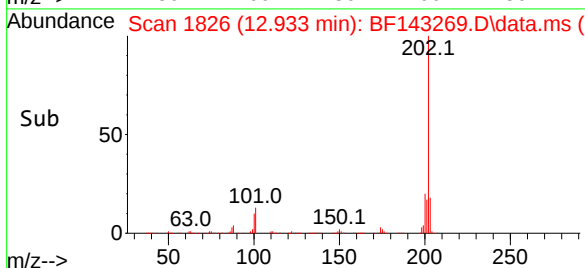
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025



#78
Pyrene
Concen: 34.846 ng
RT: 12.933 min Scan# 1826
Delta R.T. 0.006 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22



Tgt Ion:202 Resp: 636675
Ion Ratio Lower Upper
202 100
200 19.9 15.7 23.5
203 17.7 14.2 21.2





#79
Terphenyl-d14
Concen: 70.947 ng
RT: 13.069 min Scan# 1849
Delta R.T. 0.000 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

Instrument :

BNA_F

ClientSampleId :

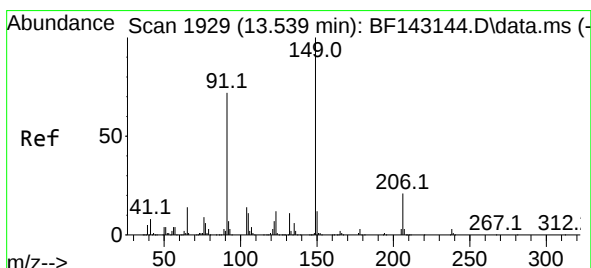
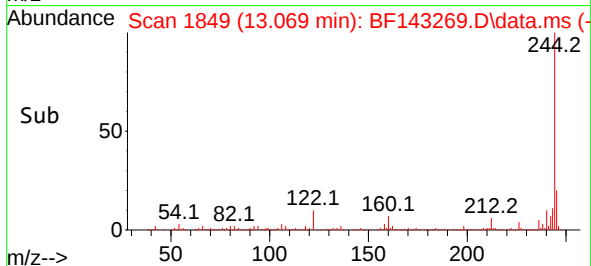
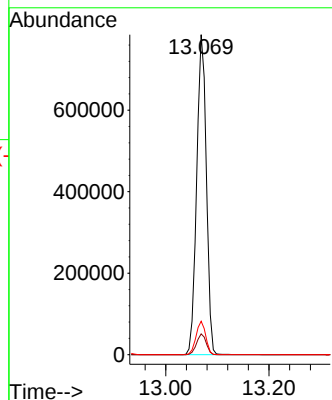
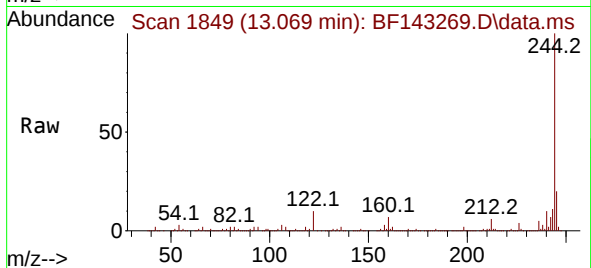
SSTDCCC040

Tgt Ion:244 Resp: 102066
Ion Ratio Lower Upper
244 100
212 6.5 5.2 7.8
122 10.5 8.2 12.2

Manual Integrations

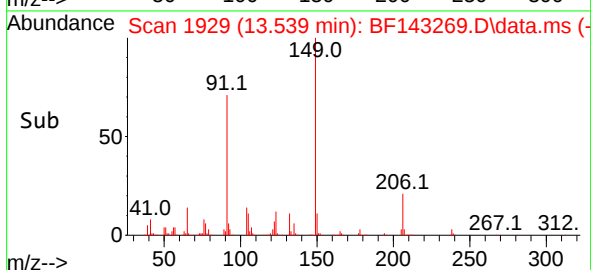
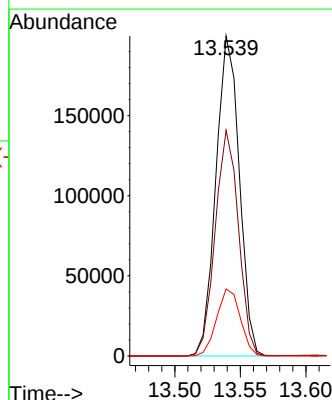
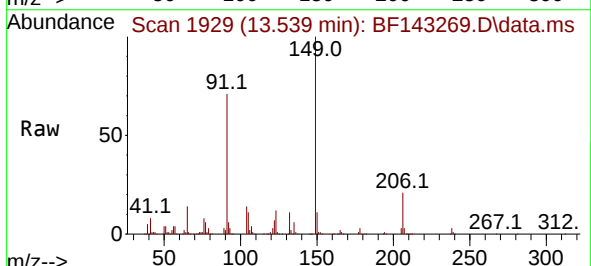
APPROVED

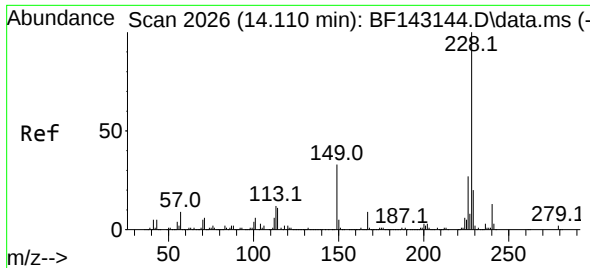
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025



#80
Butylbenzylphthalate
Concen: 44.238 ng
RT: 13.539 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

Tgt Ion:149 Resp: 247506
Ion Ratio Lower Upper
149 100
91 70.5 57.9 86.9
206 21.0 17.0 25.4





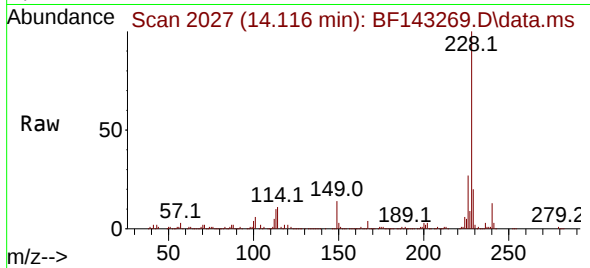
#81
Benzo(a)anthracene
Concen: 36.905 ng
RT: 14.116 min Scan# 2026
Delta R.T. 0.006 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

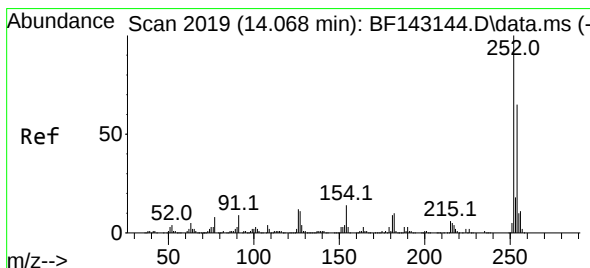
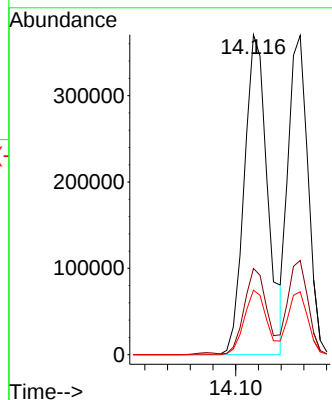
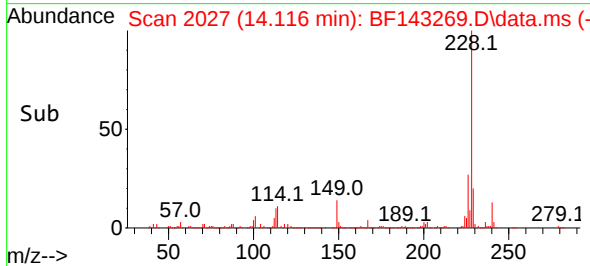


Tgt Ion:228 Resp: 528958
Ion Ratio Lower Upper
228 100
226 26.9 21.7 32.5
229 20.1 15.8 23.6

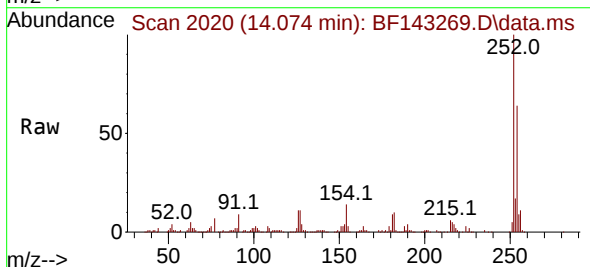
Manual Integrations

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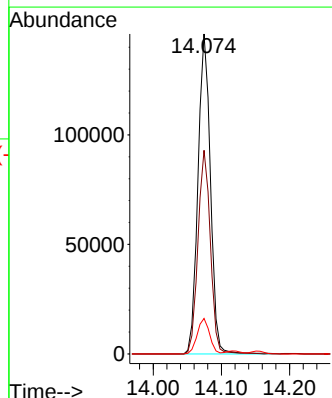
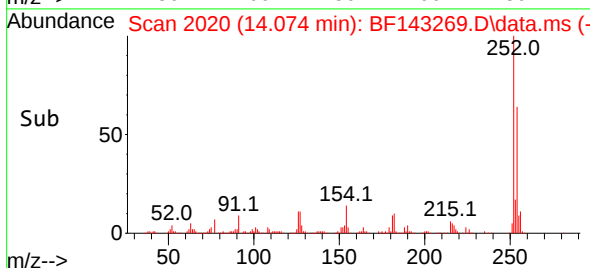
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025

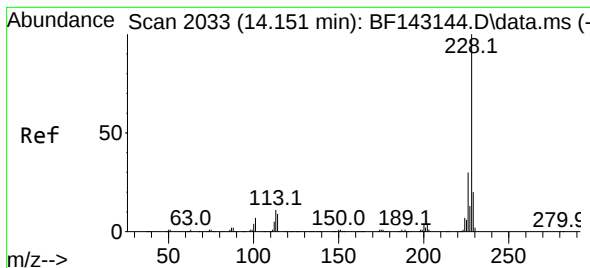


#82
3,3'-Dichlorobenzidine
Concen: 38.797 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22



Tgt Ion:252 Resp: 185332
Ion Ratio Lower Upper
252 100
254 63.6 51.7 77.5
126 11.1 9.4 14.0





#83

Chrysene

Concen: 34.700 ng

RT: 14.157 min Scan# 2033

Delta R.T. 0.006 min

Lab File: BF143269.D

Acq: 30 Jul 2025 15:22

Instrument :

BNA_F

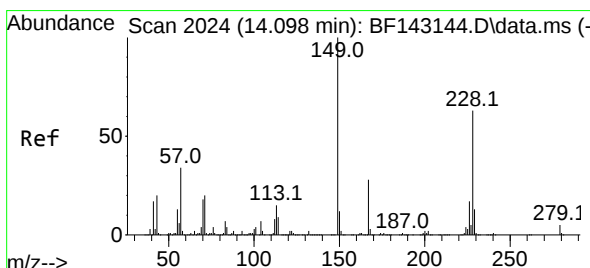
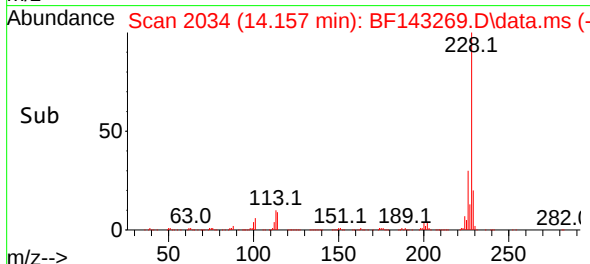
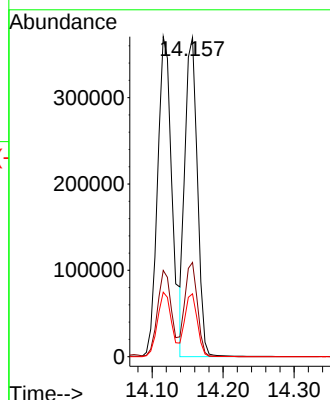
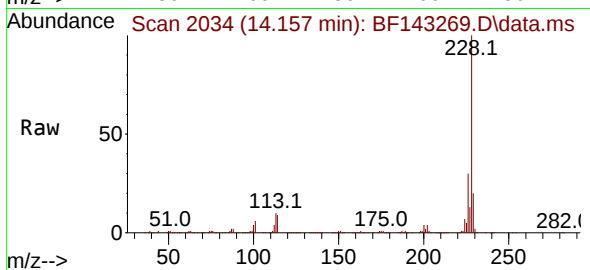
ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 447164
 Ion Ratio Lower Upper
 228 100
 226 29.5 23.8 35.8
 229 19.7 15.6 23.4

Manual Integrations
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Reviewed By :Rahul Chavli 07/31/2025
 Supervised By :mohammad ahmed 07/31/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.245 ng

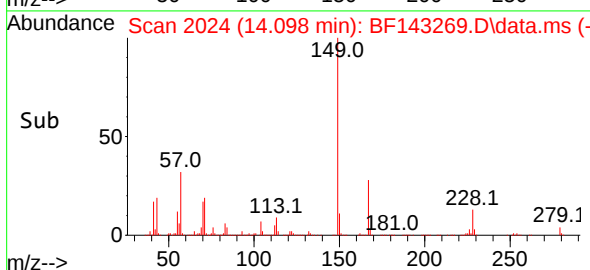
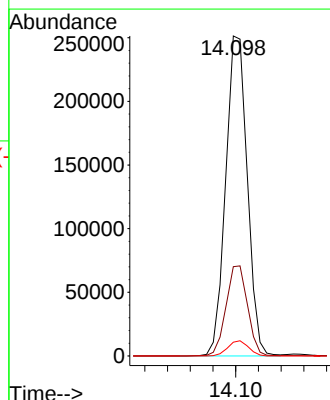
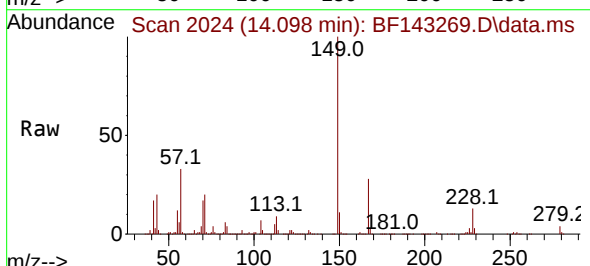
RT: 14.098 min Scan# 2024

Delta R.T. 0.000 min

Lab File: BF143269.D

Acq: 30 Jul 2025 15:22

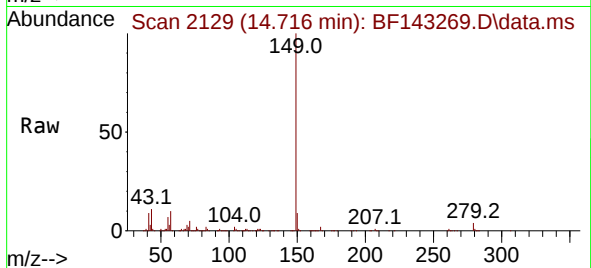
Tgt Ion:149 Resp: 332341
 Ion Ratio Lower Upper
 149 100
 167 27.9 22.3 33.5
 279 4.3 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 36.790 ng
RT: 14.716 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

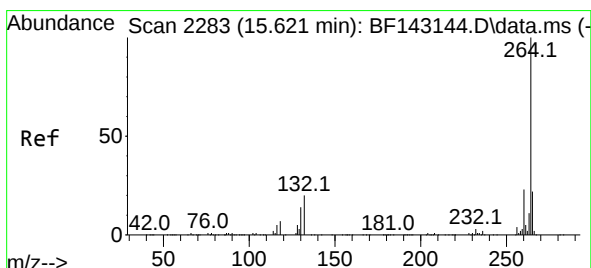
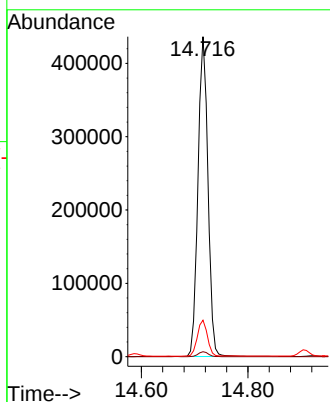
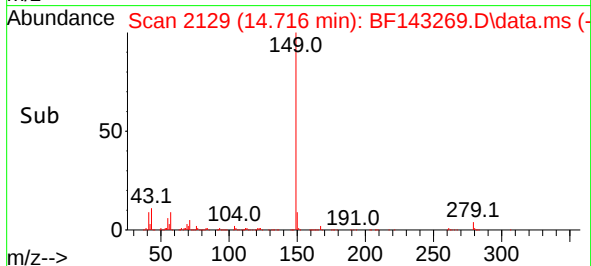
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



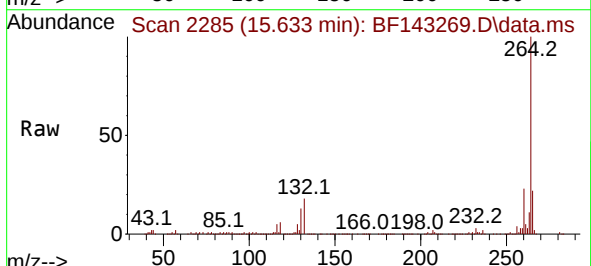
Tgt Ion:149 Resp: 564710
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 11.5 9.7 14.5

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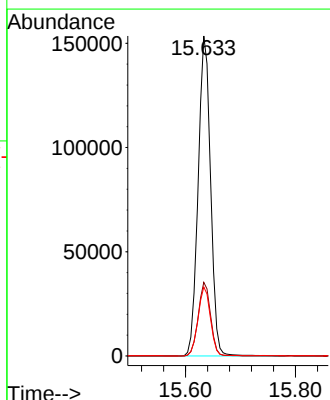
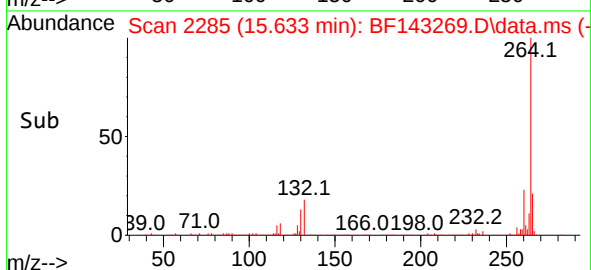
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025

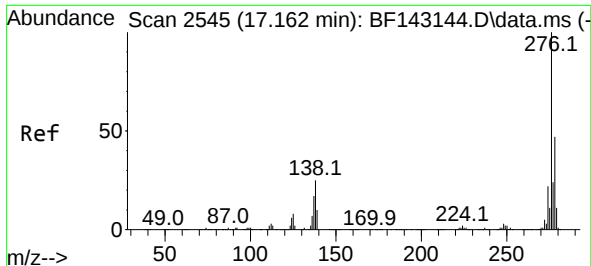


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.633 min Scan# 2285
Delta R.T. 0.012 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22



Tgt Ion:264 Resp: 240904
Ion Ratio Lower Upper
264 100
260 23.0 18.5 27.7
265 21.5 17.4 26.2





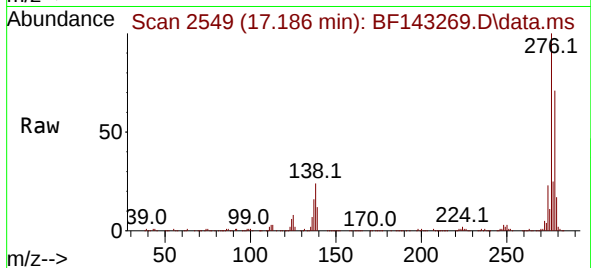
#87
Indeno(1,2,3-cd)pyrene
Concen: 36.384 ng
RT: 17.186 min Scan# 2110
Delta R.T. 0.024 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

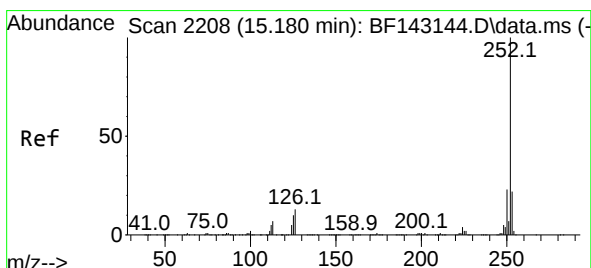
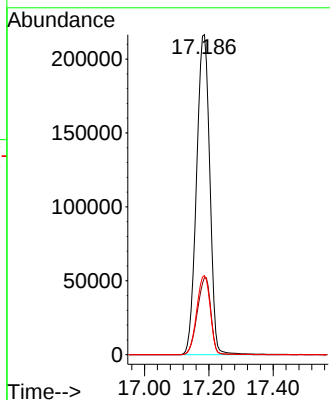
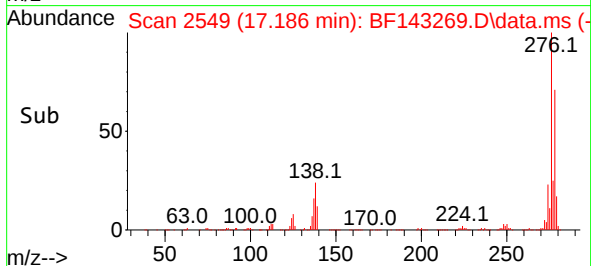


Tgt Ion:276 Resp: 618049
Ion Ratio Lower Upper
276 100
138 24.3 21.8 32.6
277 25.2 20.0 30.0

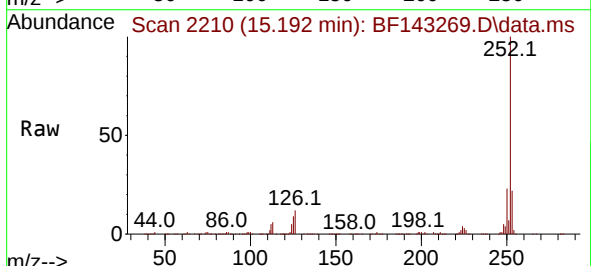
Manual Integrations

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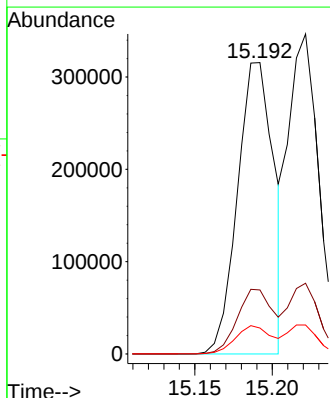
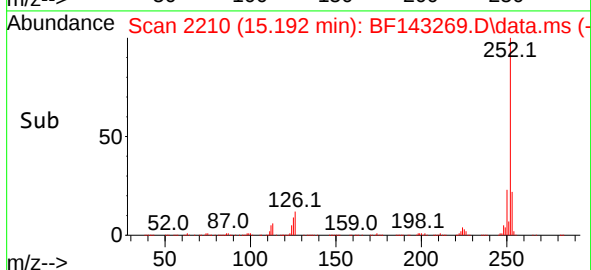
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025

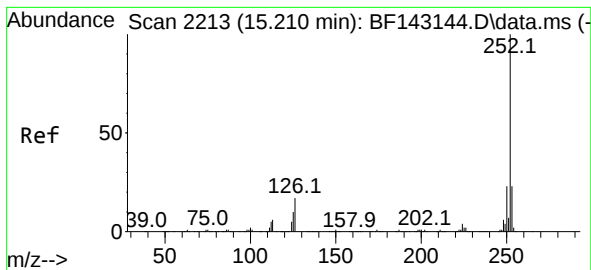


#88
Benzo(b)fluoranthene
Concen: 34.911 ng
RT: 15.192 min Scan# 2210
Delta R.T. 0.012 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22



Tgt Ion:252 Resp: 513789
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 8.9 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 35.747 ng

RT: 15.221 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF143269.D

Acq: 30 Jul 2025 15:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:252 Resp: 469458

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

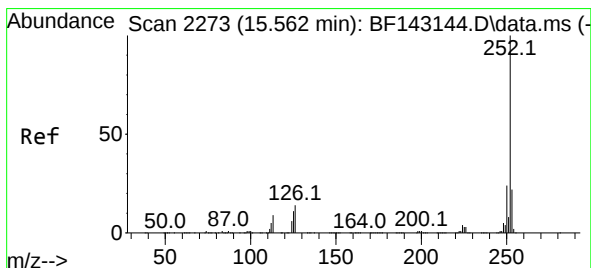
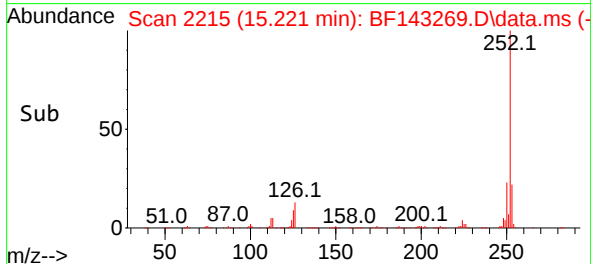
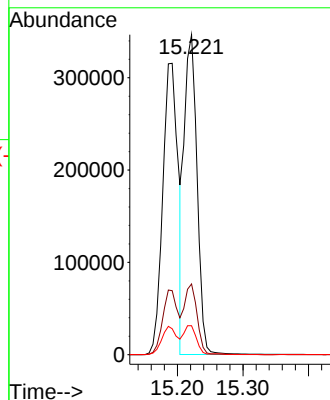
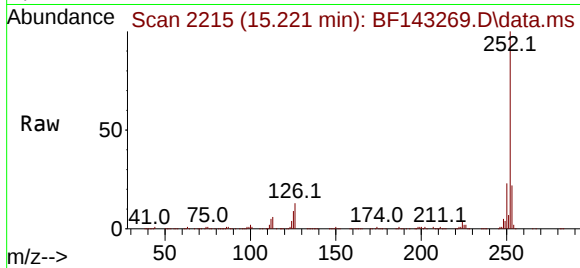
125 9.1 8.1 12.1

Manual Integrations

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Reviewed By :Rahul Chavli 07/31/2025

Supervised By :mohammad ahmed 07/31/2025



#90

Benzo(a)pyrene

Concen: 36.060 ng

RT: 15.568 min Scan# 2274

Delta R.T. 0.006 min

Lab File: BF143269.D

Acq: 30 Jul 2025 15:22

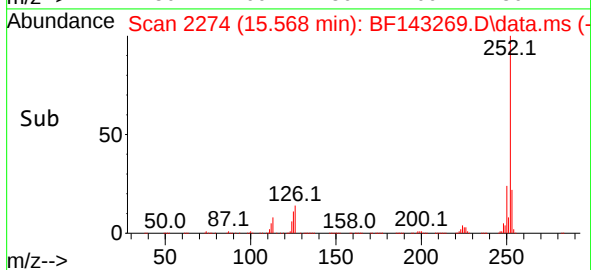
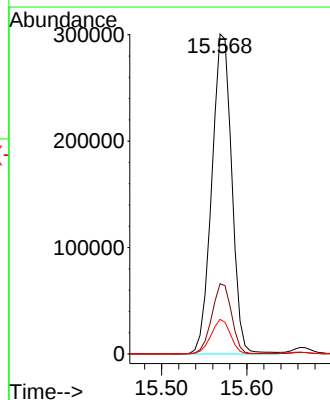
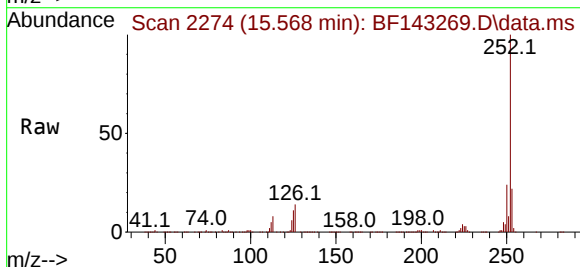
Tgt Ion:252 Resp: 488959

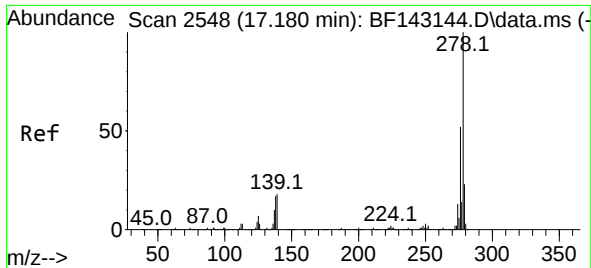
Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 10.8 8.6 13.0





#91
Dibenzo(a,h)anthracene
Concen: 36.092 ng
RT: 17.198 min Scan# 2551
Delta R.T. 0.018 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

Instrument :

BNA_F

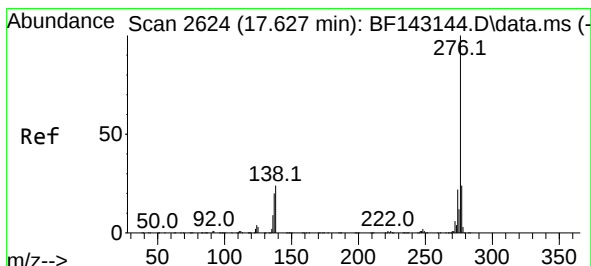
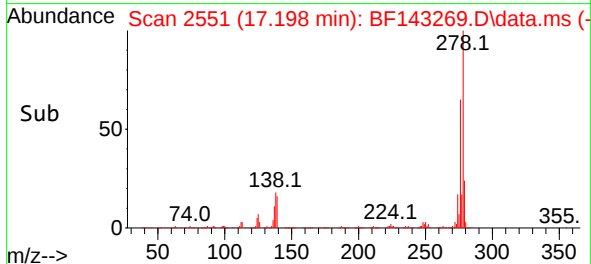
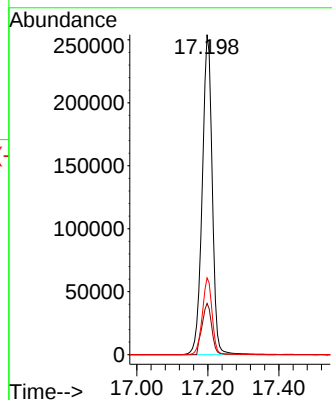
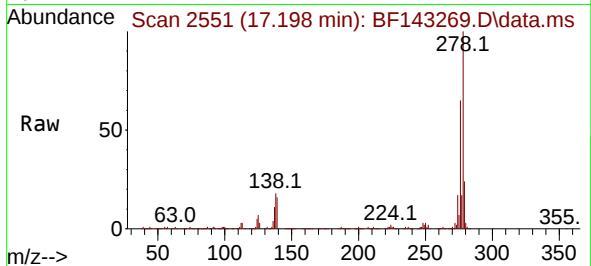
ClientSampleId :

SSTDCCC040

Tgt Ion:278 Resp: 49902
Ion Ratio Lower Upper
278 100
139 16.0 14.1 21.1
279 24.0 18.6 28.0

Manual Integrations
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Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025



#92
Benzo(g,h,i)perylene
Concen: 37.188 ng
RT: 17.651 min Scan# 2628
Delta R.T. 0.024 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

Tgt Ion:276 Resp: 497377
Ion Ratio Lower Upper
276 100
277 23.5 19.1 28.7
138 21.0 18.9 28.3

