

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
 Data File : BF141501.D
 Acq On : 07 Feb 2025 12:06
 Operator : RC/JU
 Sample : PB166567BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166567BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 02/10/2025
 Supervised By :mohammad ahmed 02/12/2025

Quant Time: Feb 07 12:26:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	86138	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	343914	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	192640	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	334566	20.000	ng	0.00
76) Chrysene-d12	13.957	240	239866	20.000	ng	0.00
86) Perylene-d12	15.415	264	194232	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	756086	137.610	ng	0.00
7) Phenol-d6	6.434	99	954354	137.427	ng	0.00
23) Nitrobenzene-d5	7.357	82	629673	95.497	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	277538	143.419	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1191186	95.265	ng	0.00
79) Terphenyl-d14	12.904	244	1422177	100.093	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.581	88	92985	42.049	ng	99
3) Pyridine	3.310	79	217206	41.276	ng	99
4) n-Nitrosodimethylamine	3.257	42	151378	43.445	ng	99
6) Aniline	6.451	93	261367	40.122	ng	96
8) 2-Chlorophenol	6.575	128	266942	44.963	ng	98
9) Benzaldehyde	6.340	77	173590	47.040	ng	99
10) Phenol	6.445	94	321598	44.494	ng	97
11) bis(2-Chloroethyl)ether	6.528	93	239612	44.136	ng	100
12) 1,3-Dichlorobenzene	6.728	146	272496	43.476	ng	98
13) 1,4-Dichlorobenzene	6.804	146	274288	42.832	ng	99
14) 1,2-Dichlorobenzene	6.957	146	264866	44.564	ng	99
15) Benzyl Alcohol	6.934	79	234884	44.107	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	404150	43.489	ng	85
17) 2-Methylphenol	7.051	107	213488	45.951	ng	98
18) Hexachloroethane	7.298	117	106033	44.740	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	183336	44.136	ng	99
20) 3+4-Methylphenols	7.204	107	270000	45.729	ng	98
22) Acetophenone	7.198	105	405607	47.411	ng	99
24) Nitrobenzene	7.375	77	279696	43.501	ng	99
25) Isophorone	7.610	82	500262	47.583	ng	100
26) 2-Nitrophenol	7.687	139	143094	44.733	ng	98
27) 2,4-Dimethylphenol	7.728	122	213123	57.031	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	300354	44.584	ng	100
29) 2,4-Dichlorophenol	7.934	162	225239	44.609	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	239119	43.489	ng	98
31) Naphthalene	8.092	128	768890	42.950	ng	100
32) Benzoic acid	7.863	122	186956	48.164	ng	99
33) 4-Chloroaniline	8.145	127	137022	21.923	ng	97
34) Hexachlorobutadiene	8.210	225	147047	44.548	ng	100
35) Caprolactam	8.516	113	79109m	51.459	ng	
36) 4-Chloro-3-methylphenol	8.634	107	252491	45.144	ng	99
37) 2-Methylnaphthalene	8.787	142	487319	41.832	ng	100
38) 1-Methylnaphthalene	8.886	142	479970	42.540	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	262644	47.125	ng	98
41) Hexachlorocyclopentadiene	8.939	237	294545	158.893	ng	97
43) 2,4,6-Trichlorophenol	9.069	196	161585	44.858	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
 Data File : BF141501.D
 Acq On : 07 Feb 2025 12:06
 Operator : RC/JU
 Sample : PB166567BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166567BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 02/10/2025
 Supervised By :mohammad ahmed 02/12/2025

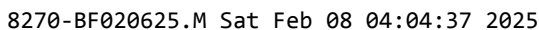
Quant Time: Feb 07 12:26:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	172849	44.277	ng	99
46) 1,1'-Biphenyl	9.251	154	715696	47.921	ng	100
47) 2-Chloronaphthalene	9.275	162	488223	44.207	ng	99
48) 2-Nitroaniline	9.375	65	166466	44.913	ng	97
49) Acenaphthylene	9.686	152	751683	45.760	ng	99
50) Dimethylphthalate	9.551	163	579221	44.290	ng	100
51) 2,6-Dinitrotoluene	9.616	165	128500	44.947	ng	99
52) Acenaphthene	9.863	154	472791	42.812	ng	99
53) 3-Nitroaniline	9.786	138	79210	25.742	ng	100
54) 2,4-Dinitrophenol	9.898	184	165771	97.563	ng	94
55) Dibenzofuran	10.033	168	685543	42.292	ng	100
56) 4-Nitrophenol	9.963	139	220768	96.650	ng	98
57) 2,4-Dinitrotoluene	10.022	165	177550	46.651	ng	99
58) Fluorene	10.375	166	546564	43.608	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	148475	44.176	ng	98
60) Diethylphthalate	10.251	149	562496	43.716	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	263390	43.682	ng	99
62) 4-Nitroaniline	10.404	138	132859	42.522	ng	98
63) Azobenzene	10.528	77	549166	42.932	ng	99
65) 4,6-Dinitro-2-methylph...	10.433	198	104411	44.926	ng	93
66) n-Nitrosodiphenylamine	10.492	169	481543	44.963	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	166489	44.525	ng	96
68) Hexachlorobenzene	10.922	284	175664	45.623	ng	97
69) Atrazine	11.022	200	181900	56.615	ng	99
70) Pentachlorophenol	11.122	266	221721	90.057	ng	99
71) Phenanthrene	11.339	178	822042	44.636	ng	100
72) Anthracene	11.392	178	845599	45.676	ng	99
73) Carbazole	11.545	167	748904	44.958	ng	100
74) Di-n-butylphthalate	11.880	149	862929	44.864	ng	100
75) Fluoranthene	12.527	202	872480	44.685	ng	100
77) Benzidine	12.651	184	375680	71.016	ng	99
78) Pyrene	12.757	202	897451	43.952	ng	100
80) Butylbenzylphthalate	13.380	149	347546	49.140	ng	99
81) Benzo(a)anthracene	13.945	228	730557	45.818	ng	100
82) 3,3'-Dichlorobenzidine	13.910	252	148747	32.567	ng	100
83) Chrysene	13.986	228	633579	43.035	ng	100
84) Bis(2-ethylhexyl)phtha...	13.939	149	423571	53.101	ng	99
85) Di-n-octyl phthalate	14.563	149	588899	51.751	ng	100
87) Indeno(1,2,3-cd)pyrene	16.857	276	545937	45.489	ng	99
88) Benzo(b)fluoranthene	14.992	252	574722	44.068	ng	99
89) Benzo(k)fluoranthene	15.021	252	500225	44.918	ng	99
90) Benzo(a)pyrene	15.351	252	498225	47.212	ng	99
91) Dibenzo(a,h)anthracene	16.874	278	438007	45.041	ng	99
92) Benzo(g,h,i)perylene	17.292	276	421766	41.446	ng	99

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

Manual Integrations

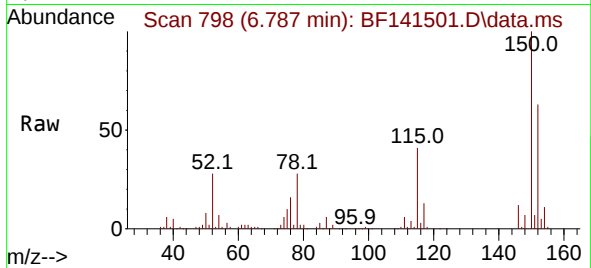
Quant Time: Feb 07 12:26:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

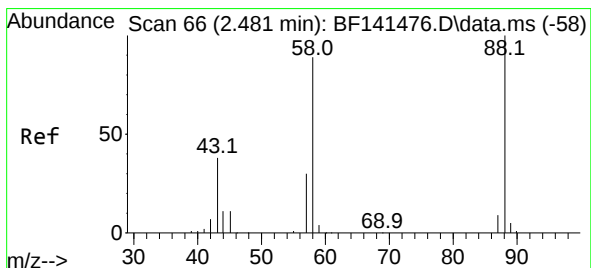
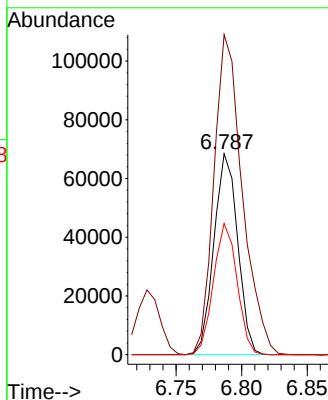
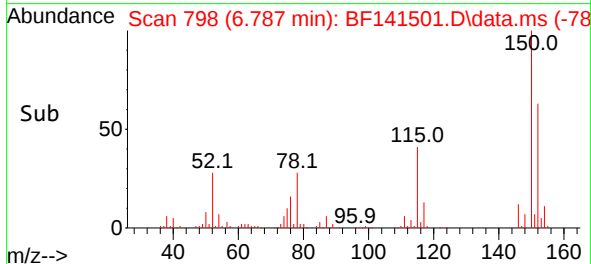
Instrument :
BNA_F
ClientSampleId :
PB166567BS



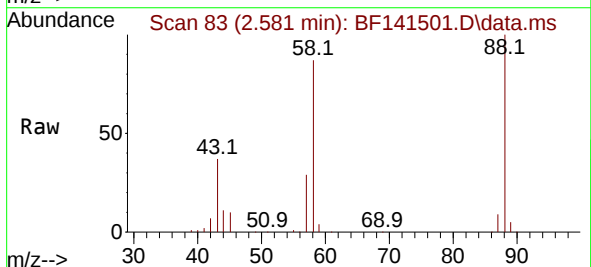
Tgt Ion:152 Resp: 86138
Ion Ratio Lower Upper
152 100
150 159.2 125.0 187.4
115 65.3 53.6 80.4

Manual Integrations
APPROVED

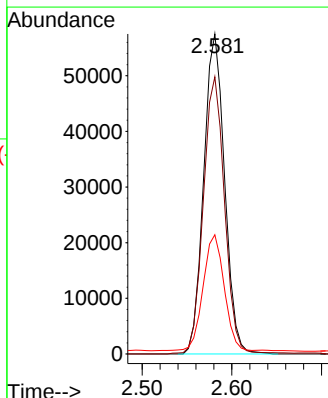
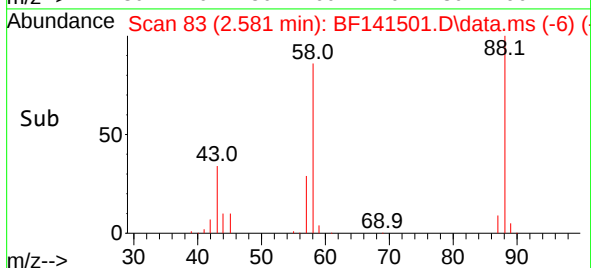
Reviewed By :Rahul Chavli 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

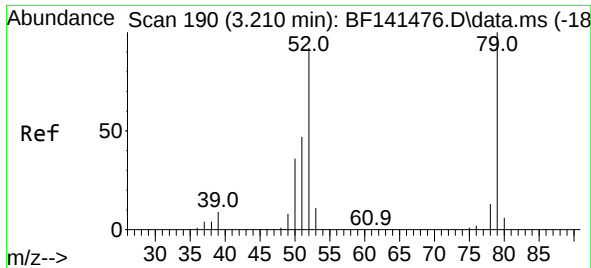


#2
1,4-Dioxane
Concen: 42.049 ng
RT: 2.581 min Scan# 83
Delta R.T. 0.100 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06



Tgt Ion: 88 Resp: 92985
Ion Ratio Lower Upper
88 100
58 88.3 71.1 106.7
43 36.8 30.6 46.0





#3

Pyridine

Concen: 41.276 ng

RT: 3.310 min Scan# 207

Delta R.T. 0.094 min

Lab File: BF141501.D

Acq: 07 Feb 2025 12:06

Instrument :

BNA_F

ClientSampleId :

PB166567BS

Tgt Ion: 79 Resp: 217200

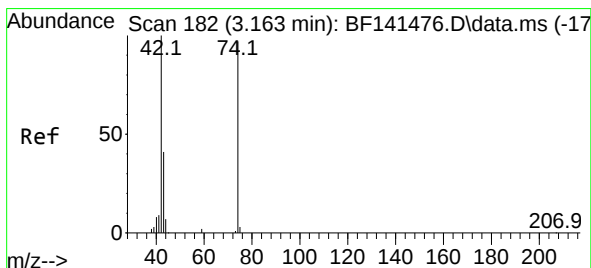
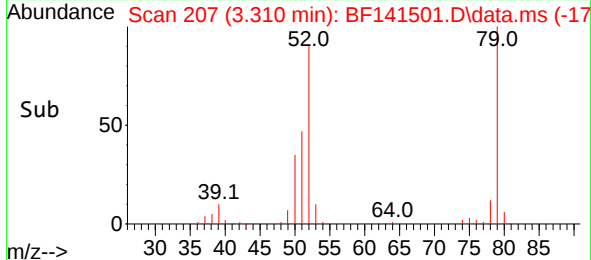
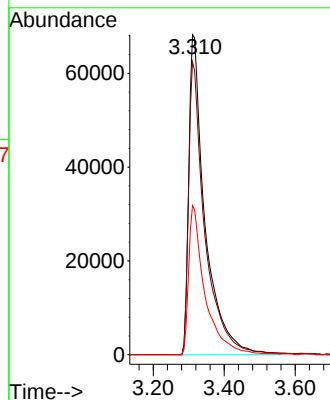
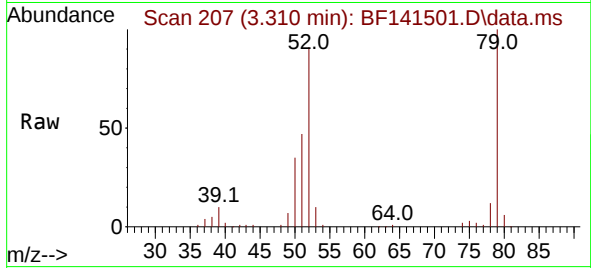
Ion	Ratio	Lower	Upper
79	100		
52	91.5	73.7	110.5
51	46.6	37.5	56.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 02/10/2025

Supervised By :mohammad ahmed 02/12/2025



#4

n-Nitrosodimethylamine

Concen: 43.445 ng

RT: 3.257 min Scan# 198

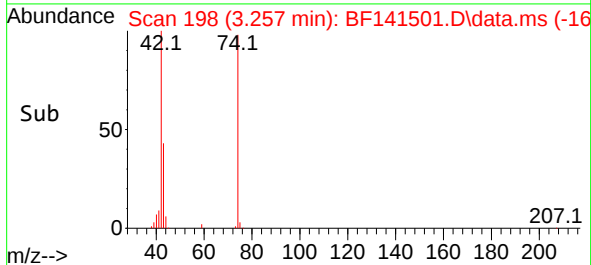
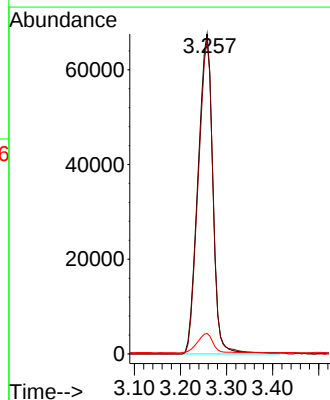
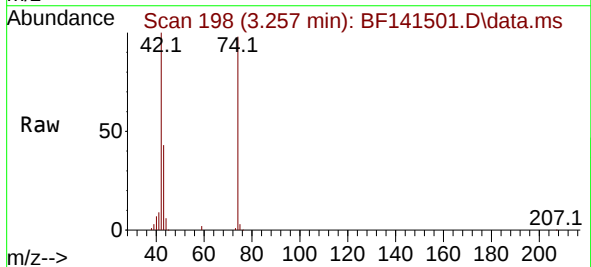
Delta R.T. 0.071 min

Lab File: BF141501.D

Acq: 07 Feb 2025 12:06

Tgt Ion: 42 Resp: 151378

Ion	Ratio	Lower	Upper
42	100		
74	98.0	78.0	117.0
44	6.4	5.4	8.2





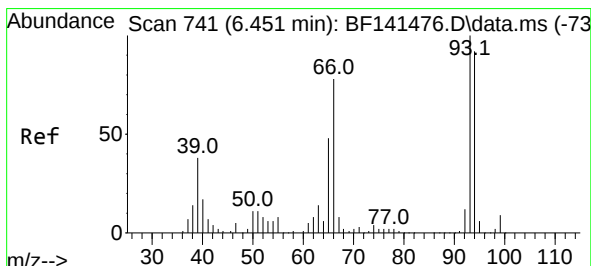
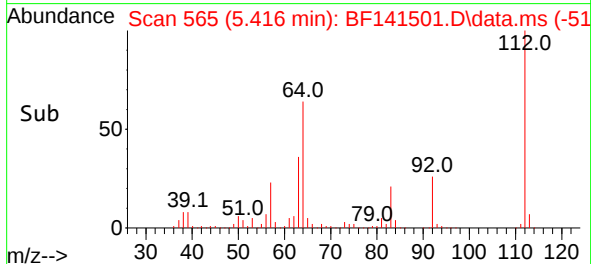
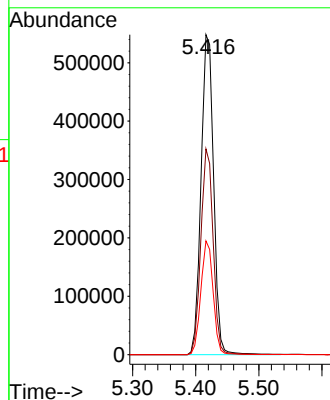
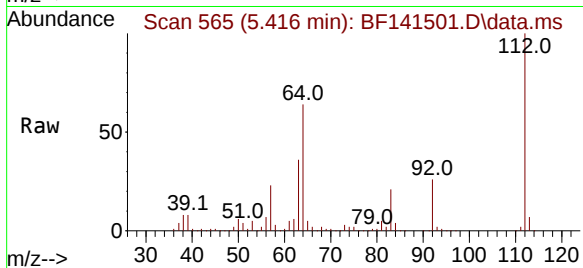
#5
2-Fluorophenol
Concen: 137.610 ng
RT: 5.416 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

Instrument :
BNA_F
ClientSampleId :
PB166567BS

Tgt Ion:112 Resp: 756080
Ion Ratio Lower Upper
112 100
64 64.3 51.1 76.7
63 35.5 28.4 42.6

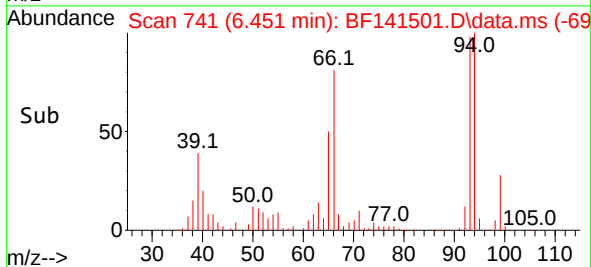
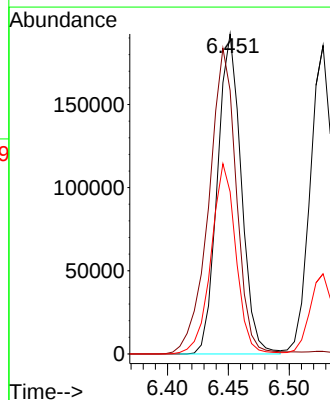
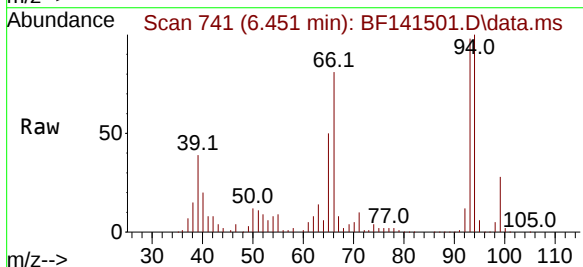
Manual Integrations
APPROVED

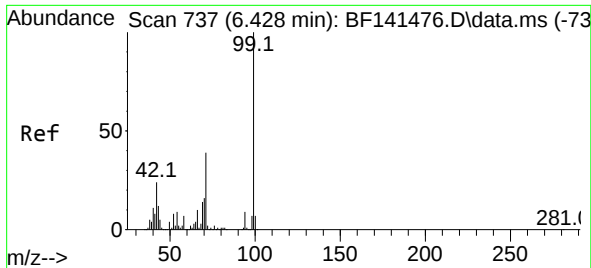
Reviewed By :Rahul Chavli 02/10/2025
Supervised By :mohammad ahmed 02/12/2025



#6
Aniline
Concen: 40.122 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

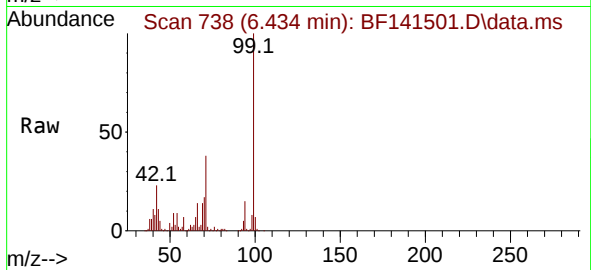
Tgt Ion: 93 Resp: 261367
Ion Ratio Lower Upper
93 100
66 82.4 62.6 94.0
65 50.7 38.3 57.5





#7
Phenol-d6
Concen: 137.427 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

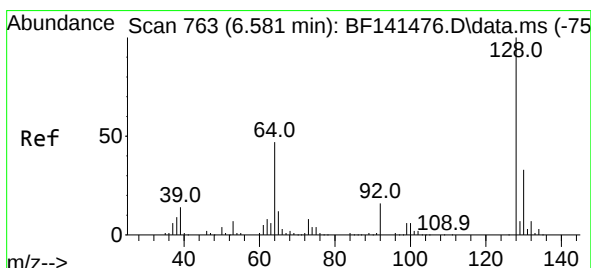
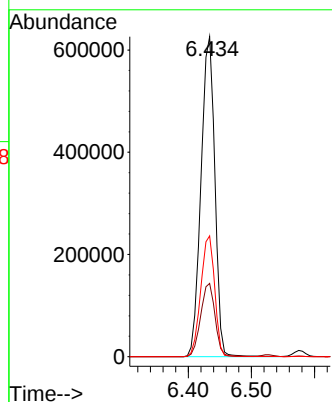
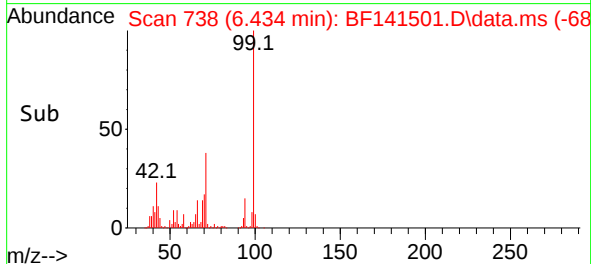
Instrument :
BNA_F
ClientSampleId :
PB166567BS



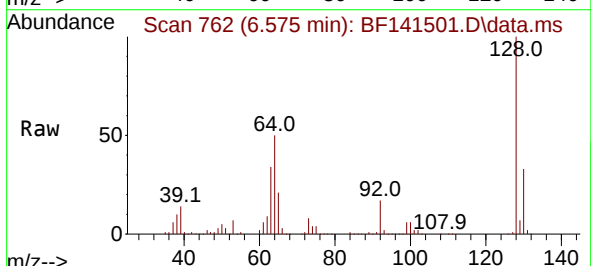
Tgt Ion: 99 Resp: 954354
Ion Ratio Lower Upper
99 100
42 22.9 19.1 28.7
71 37.7 31.1 46.7

Manual Integrations
APPROVED

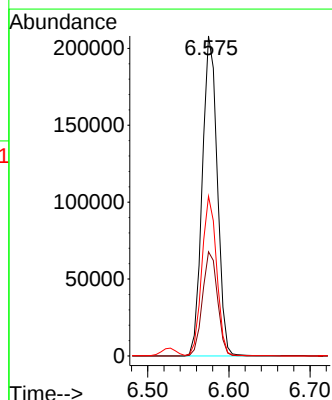
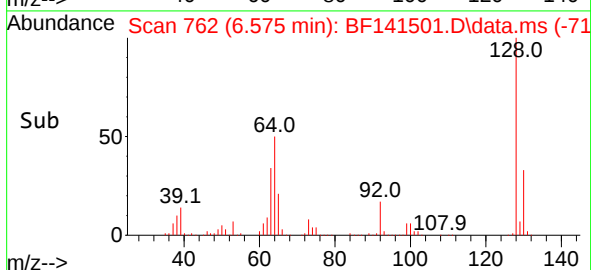
Reviewed By :Rahul Chavli 02/10/2025
Supervised By :mohammad ahmed 02/12/2025



#8
2-Chlorophenol
Concen: 44.963 ng
RT: 6.575 min Scan# 762
Delta R.T. -0.012 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06



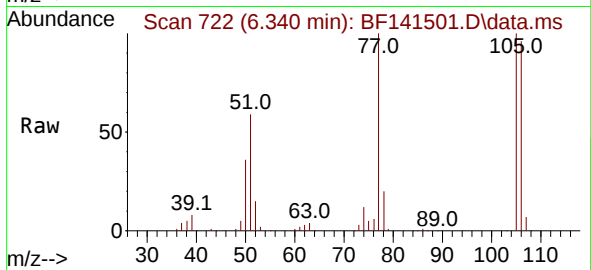
Tgt Ion:128 Resp: 266942
Ion Ratio Lower Upper
128 100
130 32.5 12.7 52.7
64 49.9 28.3 68.3





#9
Benzaldehyde
Concen: 47.040 ng
RT: 6.340 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

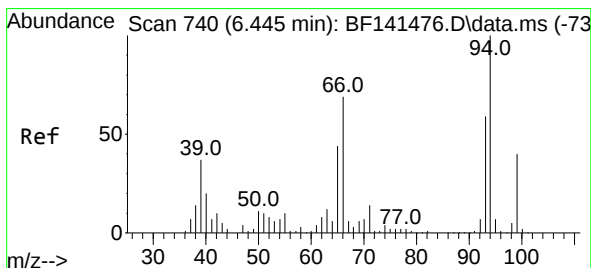
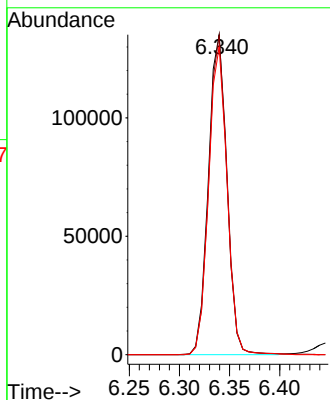
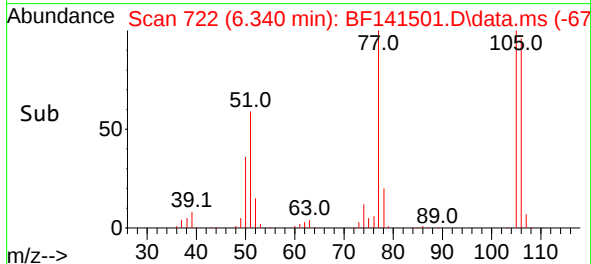
Instrument :
BNA_F
ClientSampleId :
PB166567BS



Tgt Ion: 77 Resp: 173590
Ion Ratio Lower Upper
77 100
105 99.7 79.4 119.4
106 96.2 75.1 115.1

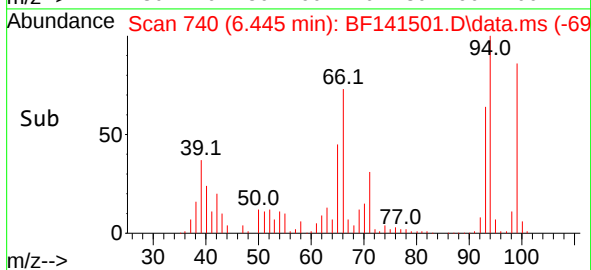
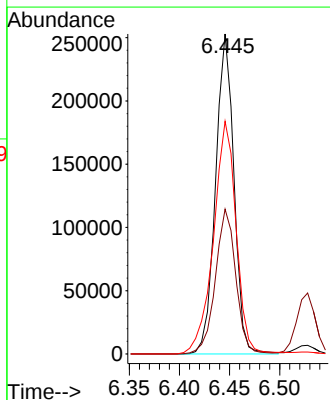
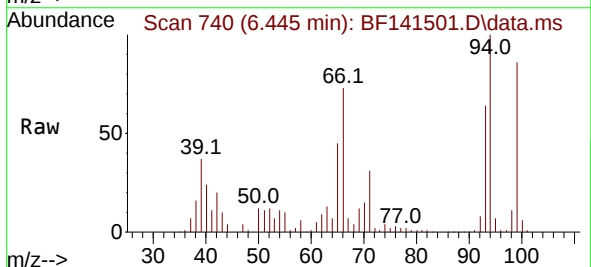
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 02/10/2025
Supervised By :mohammad ahmed 02/12/2025



#10
Phenol
Concen: 44.494 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.012 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

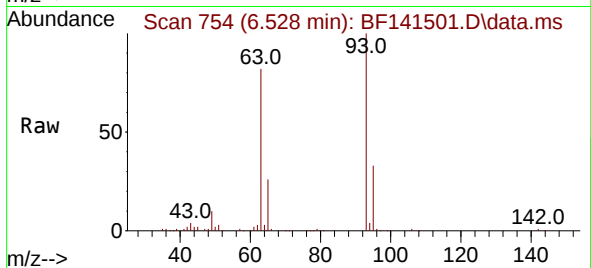
Tgt Ion: 94 Resp: 321598
Ion Ratio Lower Upper
94 100
65 45.2 23.7 63.7
66 72.7 49.3 89.3





#11
bis(2-Chloroethyl)ether
Concen: 44.136 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

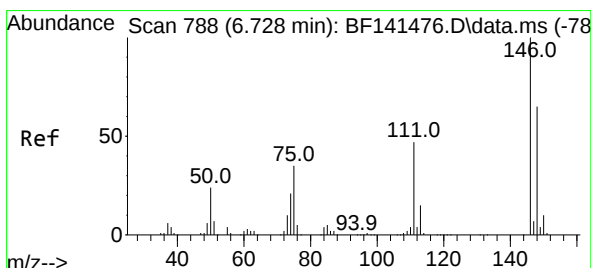
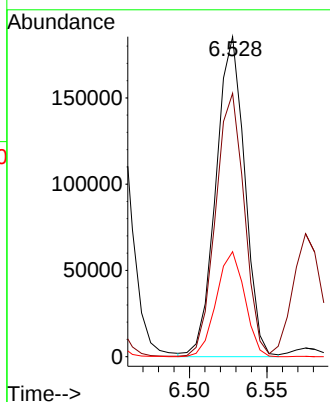
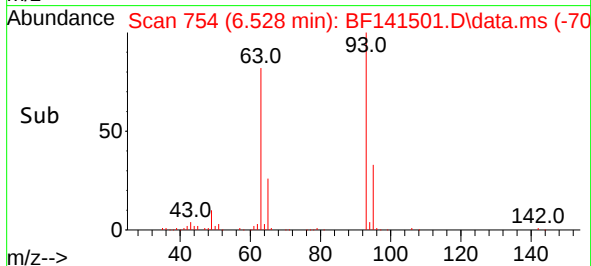
Instrument :
BNA_F
ClientSampleId :
PB166567BS



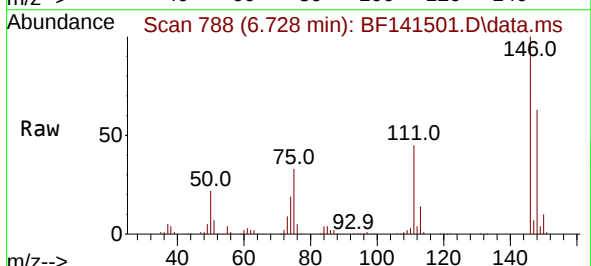
Tgt Ion: 93 Resp: 239612
Ion Ratio Lower Upper
93 100
63 82.3 62.0 102.0
95 32.8 12.6 52.6

Manual Integrations
APPROVED

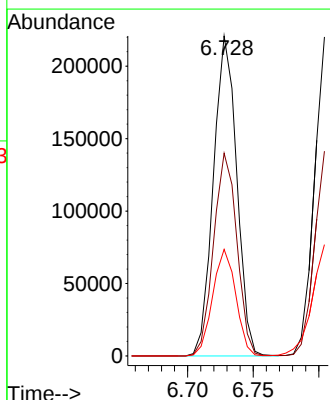
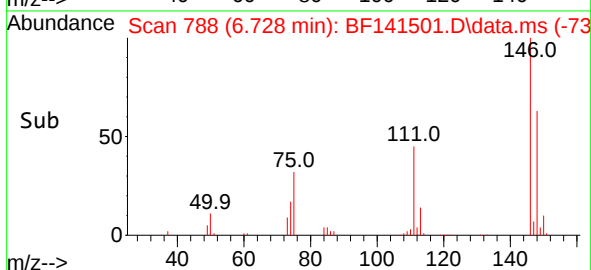
Reviewed By :Rahul Chavli 02/10/2025
Supervised By :mohammad ahmed 02/12/2025



#12
1,3-Dichlorobenzene
Concen: 43.476 ng
RT: 6.728 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06



Tgt Ion:146 Resp: 272496
Ion Ratio Lower Upper
146 100
148 63.3 51.9 77.9
75 33.3 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 42.832 ng

RT: 6.804 min Scan# 801

Delta R.T. -0.006 min

Lab File: BF141501.D

Acq: 07 Feb 2025 12:06

Instrument :

BNA_F

ClientSampleId :

PB166567BS

Tgt Ion:146 Resp: 27428

Ion Ratio Lower Upper

146 100

148 64.2 50.9 76.3

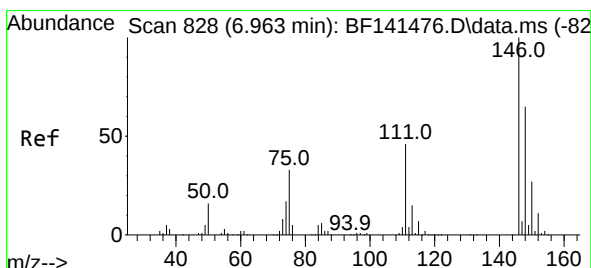
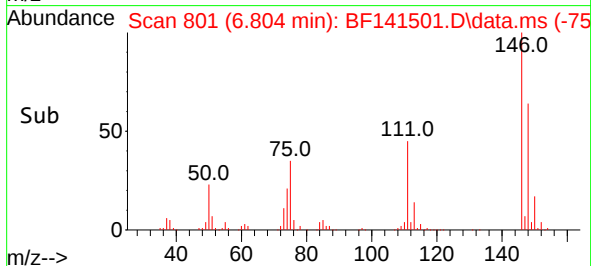
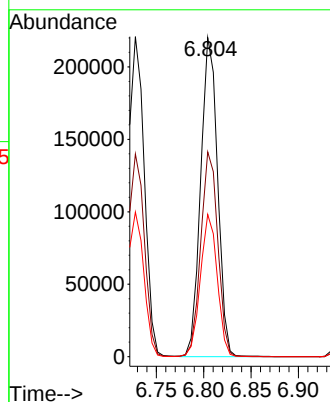
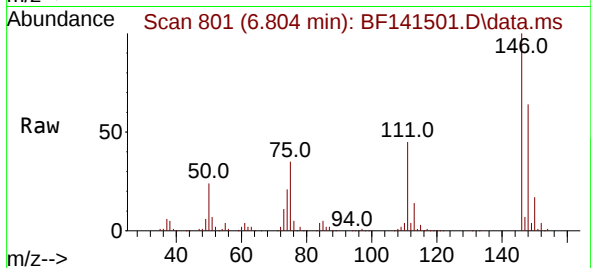
111 44.6 35.9 53.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 02/10/2025

Supervised By :mohammad ahmed 02/12/2025



#14

1,2-Dichlorobenzene

Concen: 44.564 ng

RT: 6.957 min Scan# 827

Delta R.T. -0.006 min

Lab File: BF141501.D

Acq: 07 Feb 2025 12:06

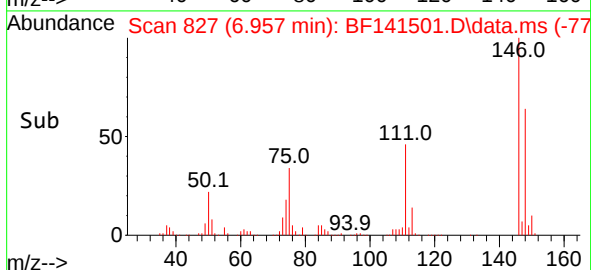
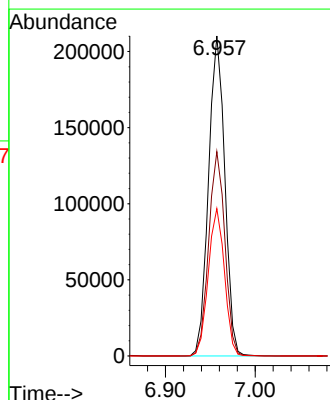
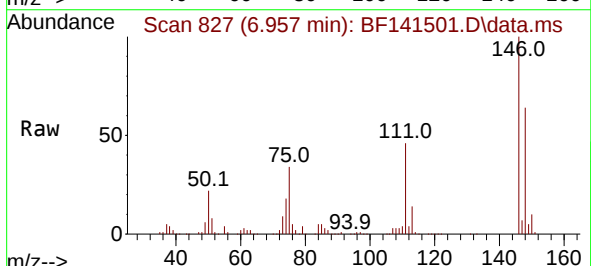
Tgt Ion:146 Resp: 264866

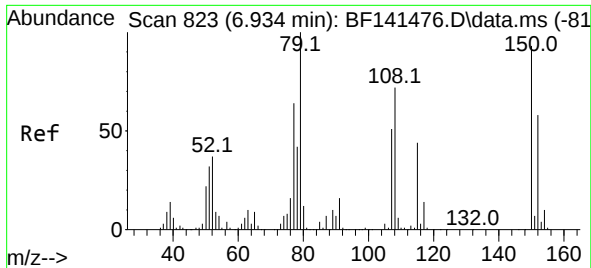
Ion Ratio Lower Upper

146 100

148 63.9 51.8 77.6

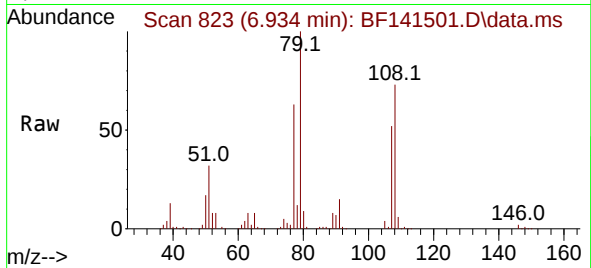
111 46.0 37.0 55.4





#15
Benzyl Alcohol
Concen: 44.107 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

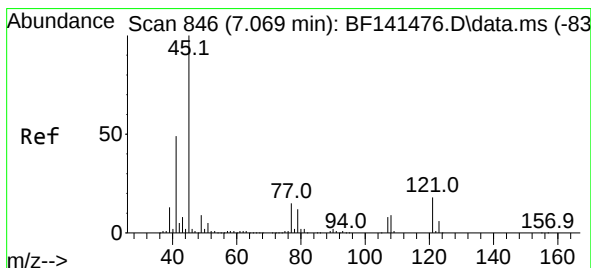
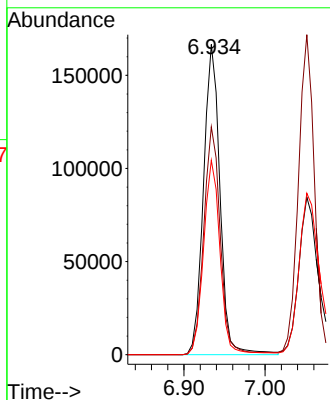
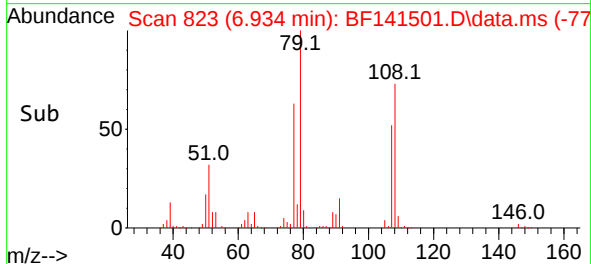
Instrument :
BNA_F
ClientSampleId :
PB166567BS



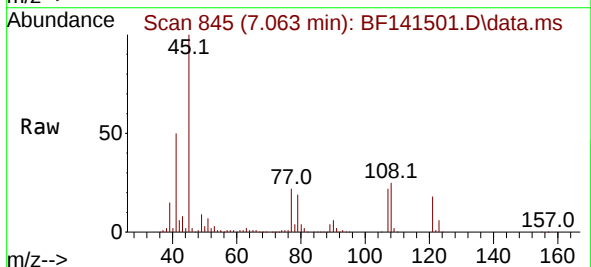
Tgt Ion: 79 Resp: 234884
Ion Ratio Lower Upper
79 100
108 73.4 57.4 86.2
77 62.7 50.9 76.3

Manual Integrations
APPROVED

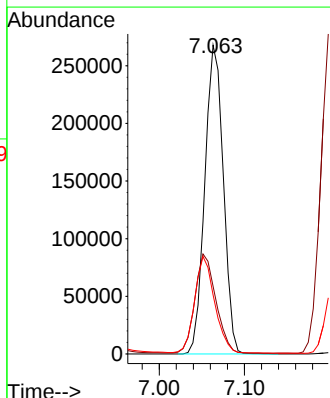
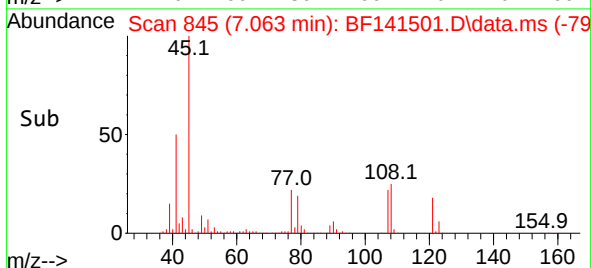
Reviewed By :Rahul Chavli 02/10/2025
Supervised By :mohammad ahmed 02/12/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.489 ng
RT: 7.063 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06



Tgt Ion: 45 Resp: 404150
Ion Ratio Lower Upper
45 100
77 21.9 0.0 35.8
79 19.1 0.0 32.7





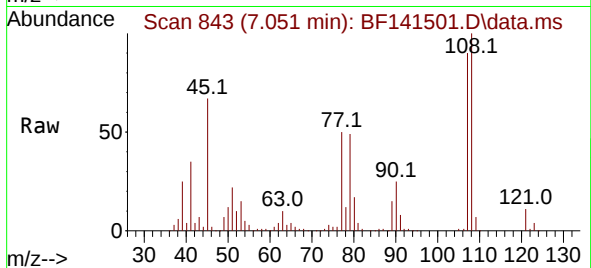
#17
2-Methylphenol
Concen: 45.951 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

Instrument :

BNA_F

ClientSampleId :

PB166567BS

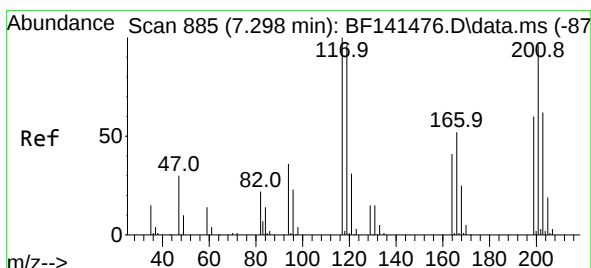
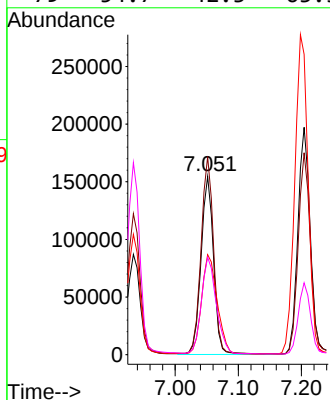
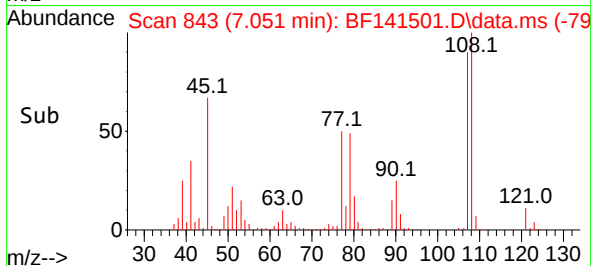


Tgt Ion:107 Resp: 21348
Ion Ratio Lower Upper
107 100
108 111.1 90.6 136.0
77 56.1 44.4 66.6
79 54.7 42.3 63.5

Manual Integrations

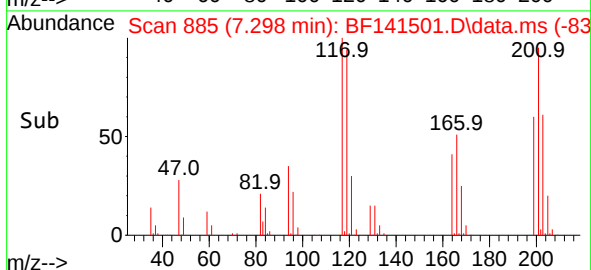
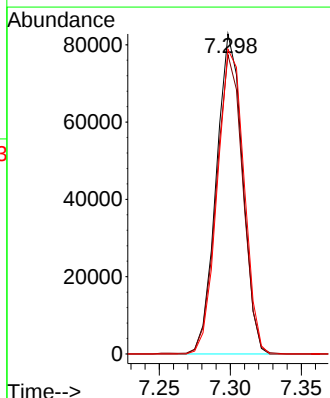
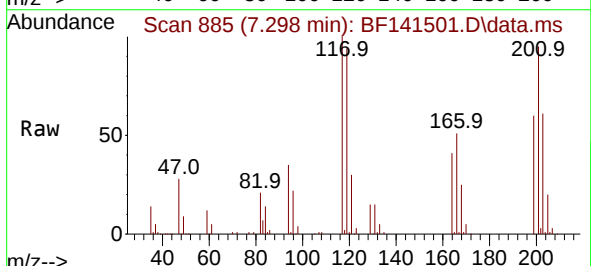
APPROVED

Reviewed By :Rahul Chavli 02/10/2025
Supervised By :mohammad ahmed 02/12/2025



#18
Hexachloroethane
Concen: 44.740 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

Tgt Ion:117 Resp: 106033
Ion Ratio Lower Upper
117 100
119 93.5 76.5 114.7
201 95.2 76.7 115.1





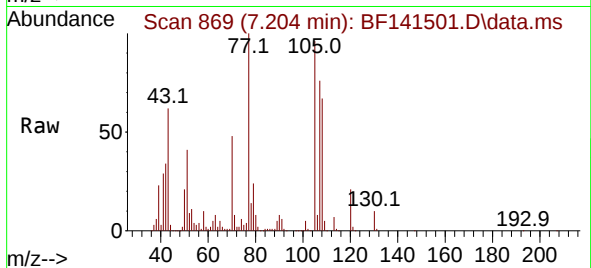
#19
n-Nitroso-di-n-propylamine
Concen: 44.136 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

Instrument :

BNA_F

ClientSampleId :

PB166567BS

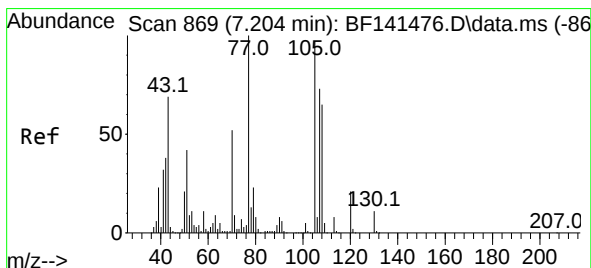
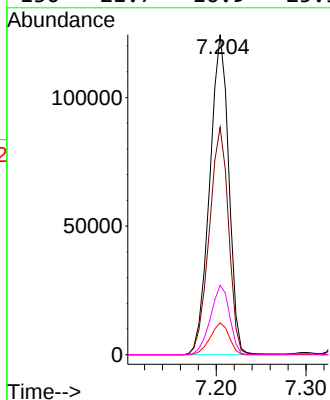
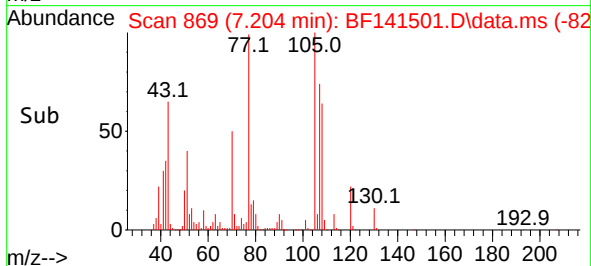


Tgt Ion: 70 Resp: 183336
Ion Ratio Lower Upper
70 100
42 71.0 57.4 86.2
101 10.0 8.0 12.0
130 21.7 16.9 25.3

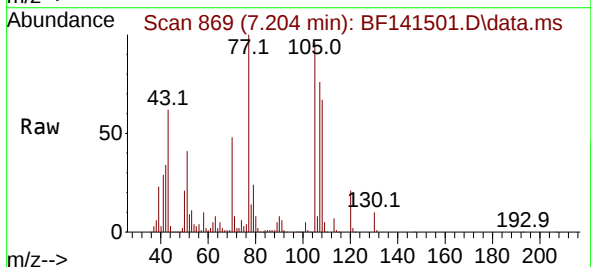
Manual Integrations

APPROVED

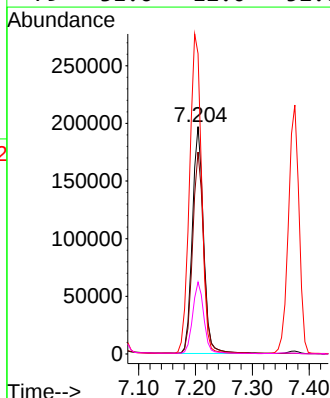
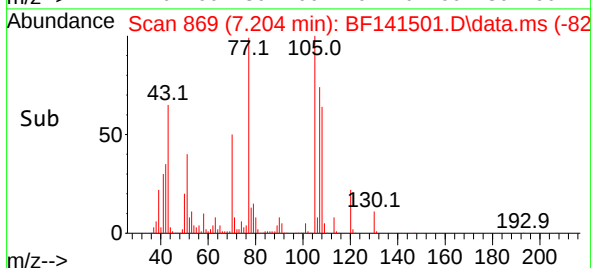
Reviewed By :Rahul Chavli 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

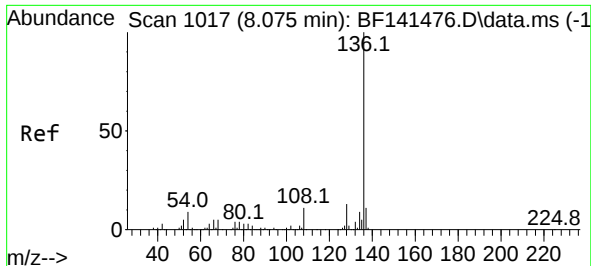


#20
3+4-Methylphenols
Concen: 45.729 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06



Tgt Ion:107 Resp: 270000
Ion Ratio Lower Upper
107 100
108 88.8 68.5 108.5
77 132.1 116.5 156.5
79 31.6 12.0 52.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

Instrument :

BNA_F

ClientSampleId :

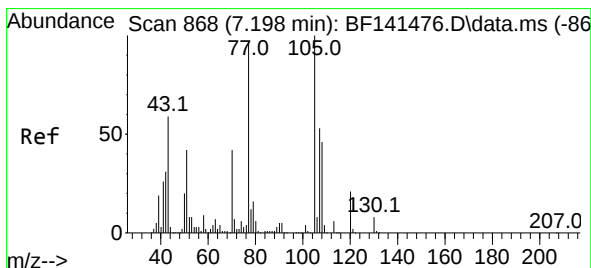
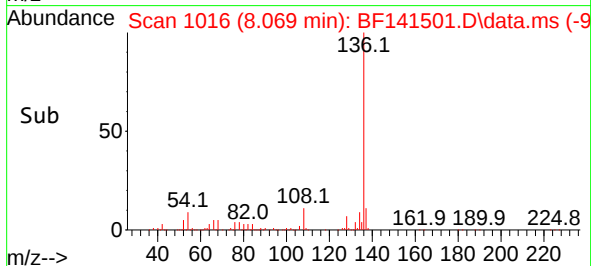
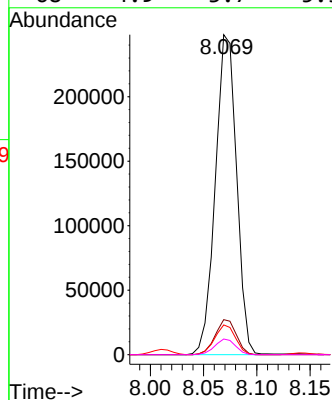
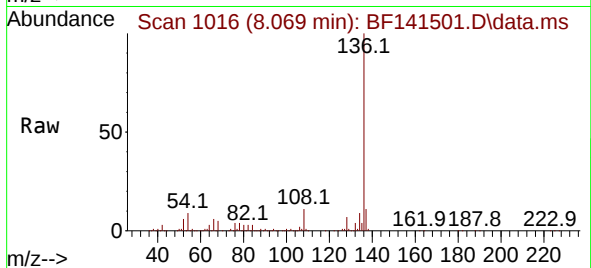
PB166567BS

Tgt Ion:136 Resp: 343914
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.3 7.2 10.8
68 4.9 3.7 5.5

Manual Integrations

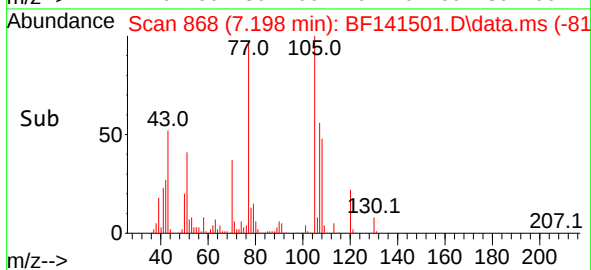
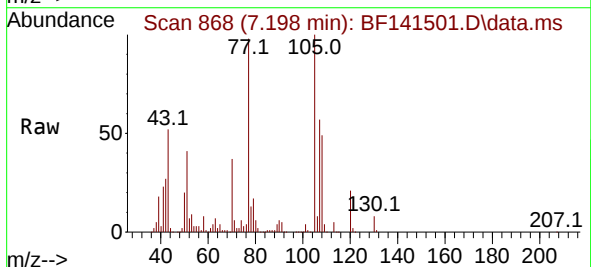
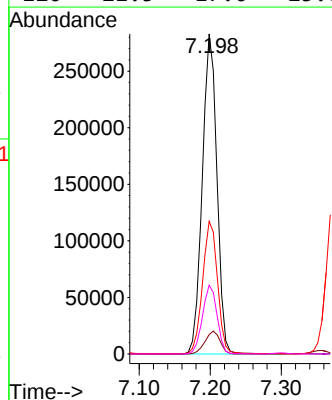
APPROVED

Reviewed By :Rahul Chavli 02/10/2025
Supervised By :mohammad ahmed 02/12/2025



#22
Acetophenone
Concen: 47.411 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

Tgt Ion:105 Resp: 405607
Ion Ratio Lower Upper
105 100
71 6.0 5.7 8.5
51 41.5 33.7 50.5
120 21.5 17.0 25.6





#23

Nitrobenzene-d5

Concen: 95.497 ng

RT: 7.357 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF141501.D

Acq: 07 Feb 2025 12:06

Instrument :

BNA_F

ClientSampleId :

PB166567BS

Tgt Ion: 82 Resp: 62967

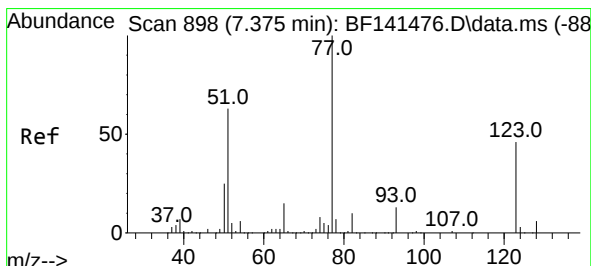
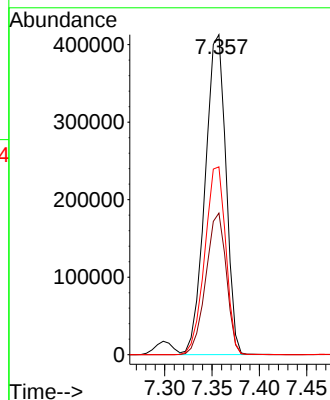
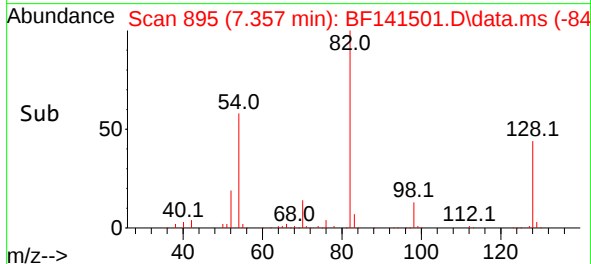
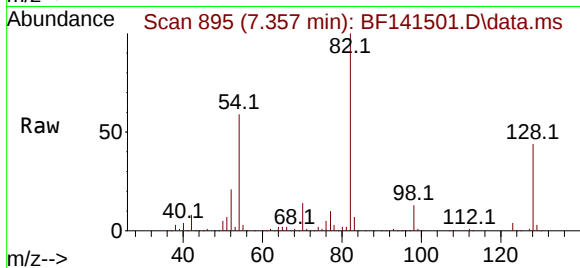
Ion	Ratio	Lower	Upper
82	100		
128	44.3	34.8	52.2
54	58.7	48.2	72.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 02/10/2025

Supervised By :mohammad ahmed 02/12/2025



#24

Nitrobenzene

Concen: 43.501 ng

RT: 7.375 min Scan# 898

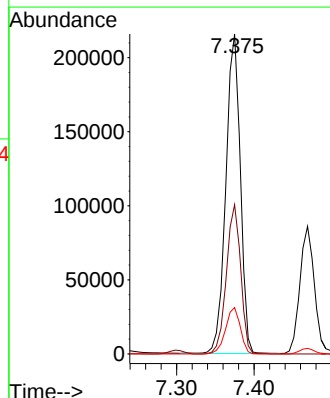
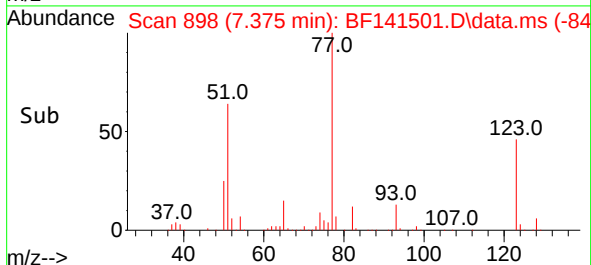
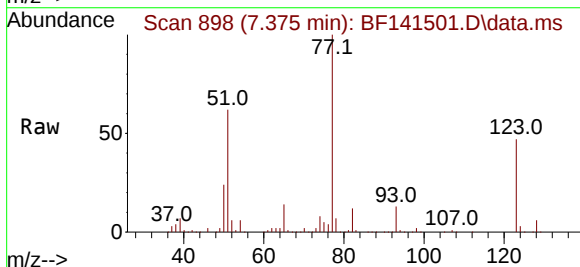
Delta R.T. -0.006 min

Lab File: BF141501.D

Acq: 07 Feb 2025 12:06

Tgt Ion: 77 Resp: 279696

Ion	Ratio	Lower	Upper
77	100		
123	46.7	36.9	55.3
65	14.5	11.9	17.9





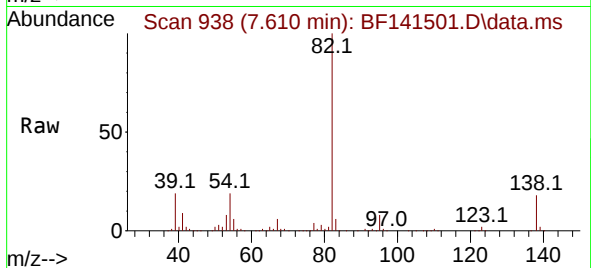
#25
Isophorone
Concen: 47.583 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

Instrument :

BNA_F

ClientSampleId :

PB166567BS

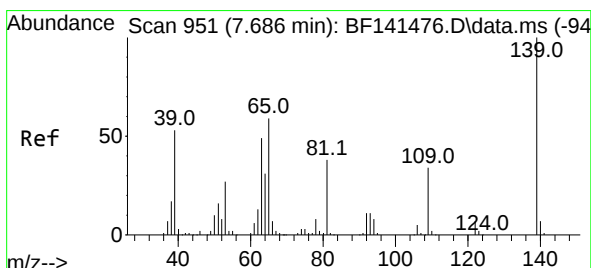
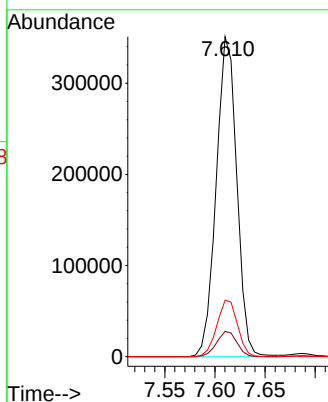
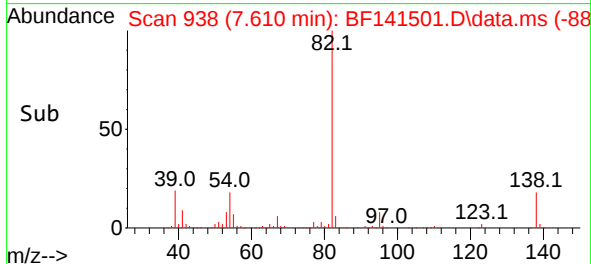


Tgt Ion: 82 Resp: 500262
Ion Ratio Lower Upper
82 100
95 7.9 6.4 9.6
138 17.7 13.9 20.9

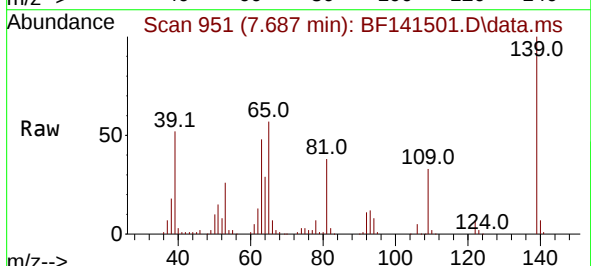
Manual Integrations

APPROVED

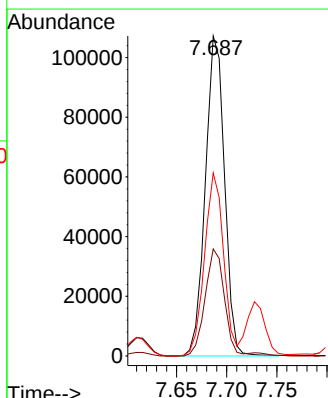
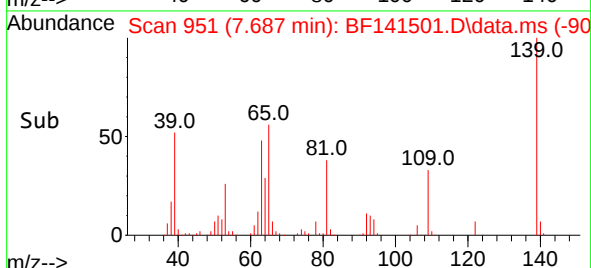
Reviewed By :Rahul Chavli 02/10/2025
Supervised By :mohammad ahmed 02/12/2025



#26
2-Nitrophenol
Concen: 44.733 ng
RT: 7.687 min Scan# 951
Delta R.T. -0.006 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06



Tgt Ion:139 Resp: 143094
Ion Ratio Lower Upper
139 100
109 33.5 27.0 40.6
65 57.2 47.1 70.7





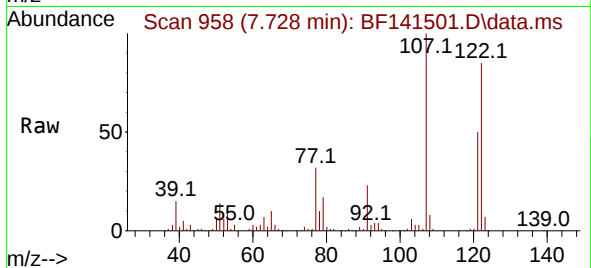
#27
2,4-Dimethylphenol
Concen: 57.031 ng
RT: 7.728 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

Instrument :

BNA_F

ClientSampleId :

PB166567BS

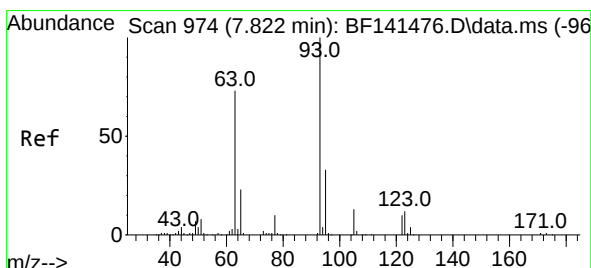
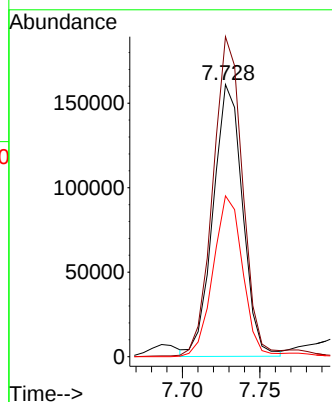
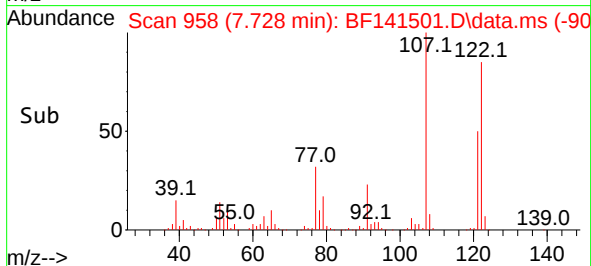


Tgt Ion:122 Resp: 21312
Ion Ratio Lower Upper
122 100
107 117.6 94.3 141.5
121 59.1 46.0 69.0

Manual Integrations

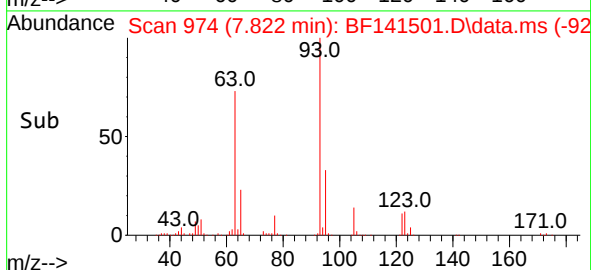
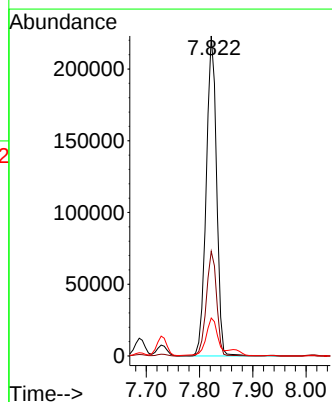
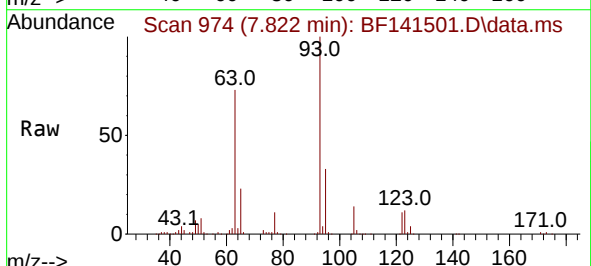
APPROVED

Reviewed By :Rahul Chavli 02/10/2025
Supervised By :mohammad ahmed 02/12/2025



#28
bis(2-Chloroethoxy)methane
Concen: 44.584 ng
RT: 7.822 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

Tgt Ion: 93 Resp: 300354
Ion Ratio Lower Upper
93 100
95 32.7 26.1 39.1
123 11.9 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 44.609 ng

RT: 7.934 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF141501.D

Acq: 07 Feb 2025 12:06

Instrument :

BNA_F

ClientSampleId :

PB166567BS

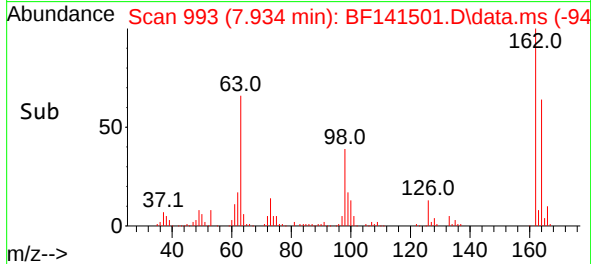
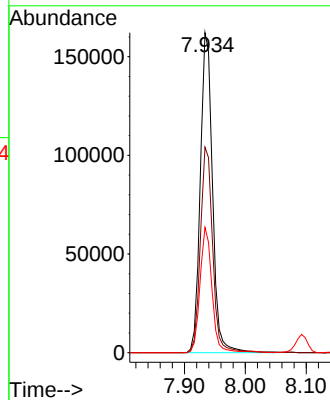
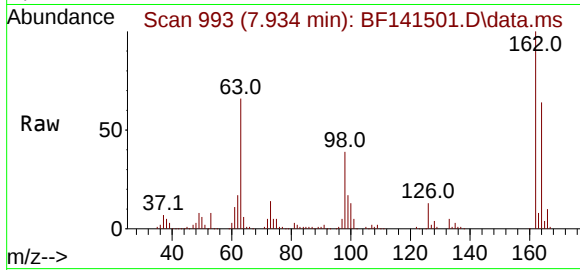
Tgt	Ion:162	Resp:	225239
Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.6	84.6
98	39.2	17.2	57.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 02/10/2025

Supervised By :mohammad ahmed 02/12/2025



#30

1,2,4-Trichlorobenzene

Concen: 43.489 ng

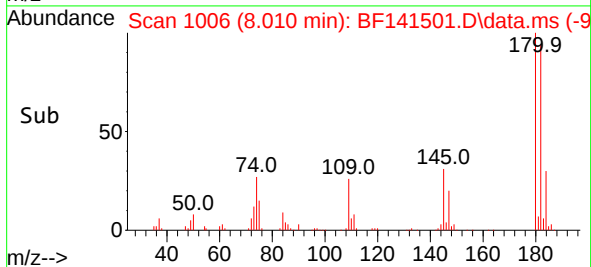
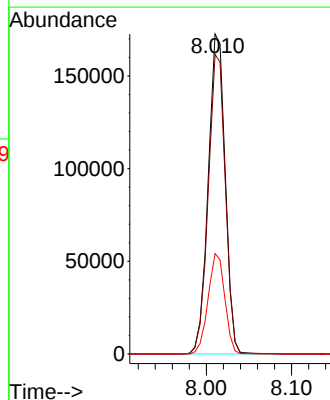
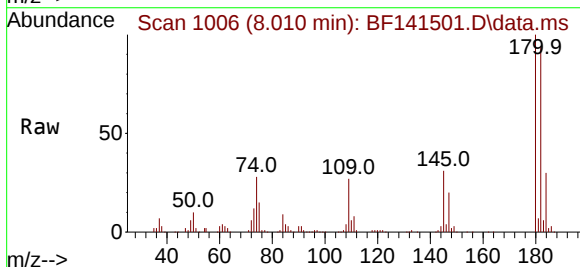
RT: 8.010 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF141501.D

Acq: 07 Feb 2025 12:06

Tgt Ion:180	Resp: 239119
Ion Ratio	Lower Upper
180 100	
182 93.6	76.8 115.2
145 31.4	24.2 36.4





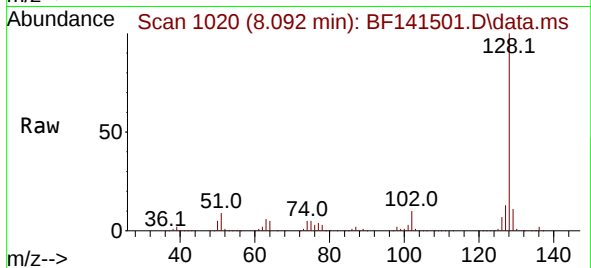
#31
Naphthalene
Concen: 42.950 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

Instrument :

BNA_F

ClientSampleId :

PB166567BS

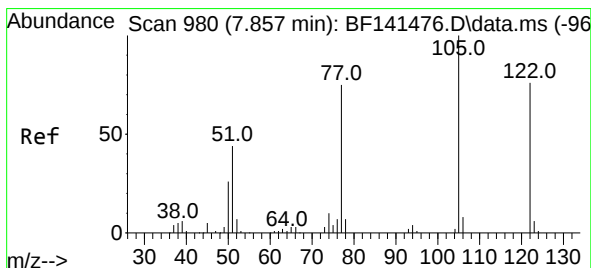
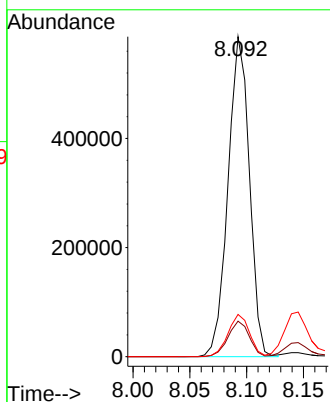
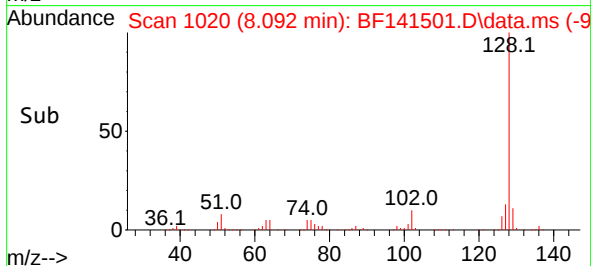


Tgt Ion:128 Resp: 768890
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.2 10.7 16.1

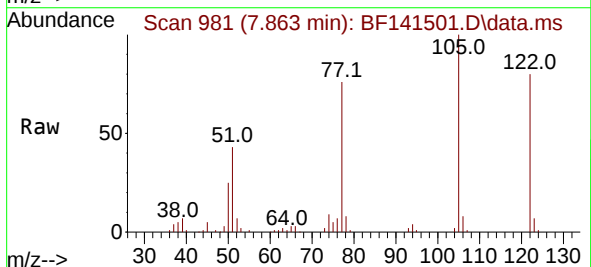
Manual Integrations

APPROVED

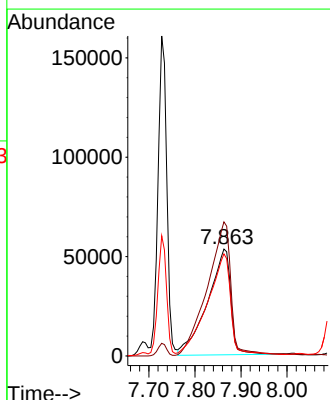
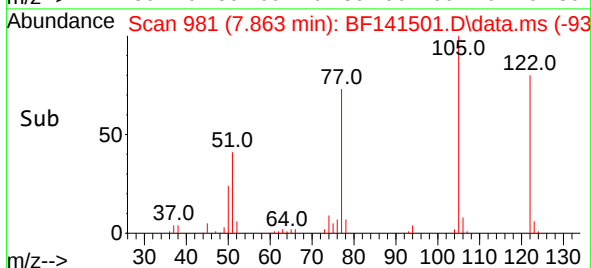
Reviewed By :Rahul Chavli 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

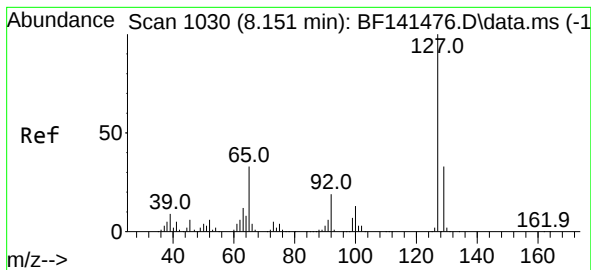


#32
Benzoic acid
Concen: 48.164 ng
RT: 7.863 min Scan# 981
Delta R.T. -0.029 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06



Tgt Ion:122 Resp: 186956
Ion Ratio Lower Upper
122 100
105 125.4 106.5 146.5
77 95.5 76.3 116.3





#33

4-Chloroaniline

Concen: 21.923 ng

RT: 8.145 min Scan# 1029

Delta R.T. -0.012 min

Lab File: BF141501.D

Acq: 07 Feb 2025 12:06

Instrument :

BNA_F

ClientSampleId :

PB166567BS

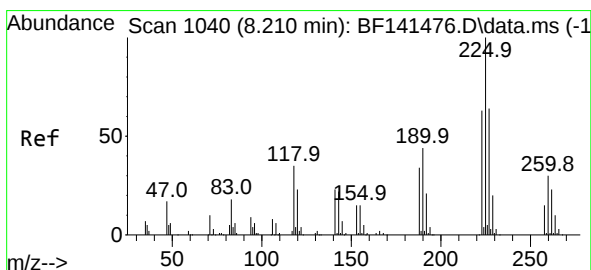
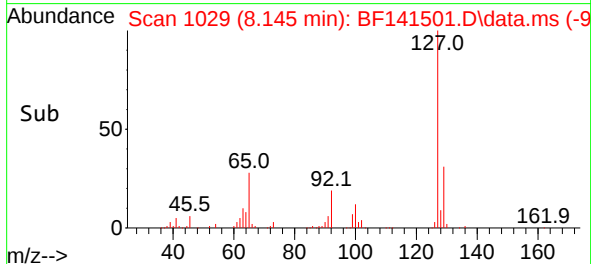
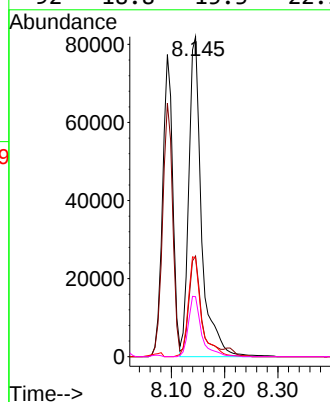
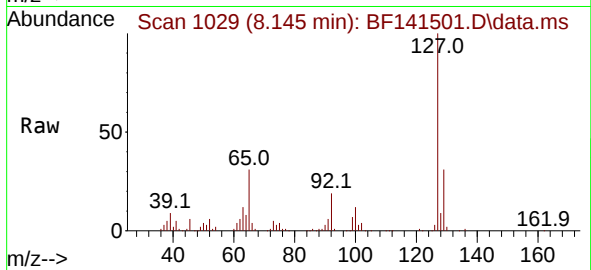
Tgt Ion:	127	Resp:	13702
Ion Ratio	Lower	Upper	
127	100		
129	31.5	26.5	39.7
65	30.9	26.4	39.6
92	18.8	15.3	22.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 02/10/2025

Supervised By :mohammad ahmed 02/12/2025



#34

Hexachlorobutadiene

Concen: 44.548 ng

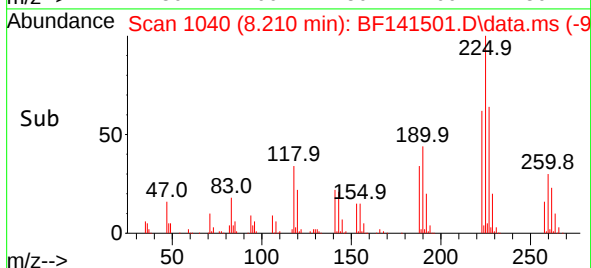
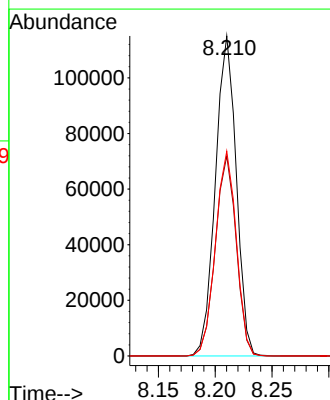
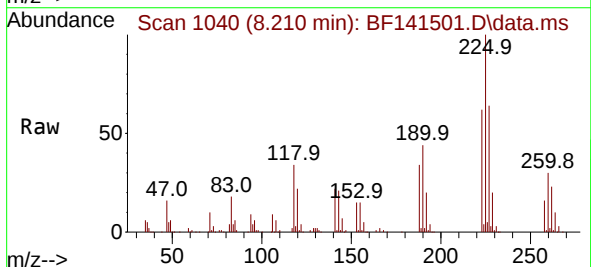
RT: 8.210 min Scan# 1040

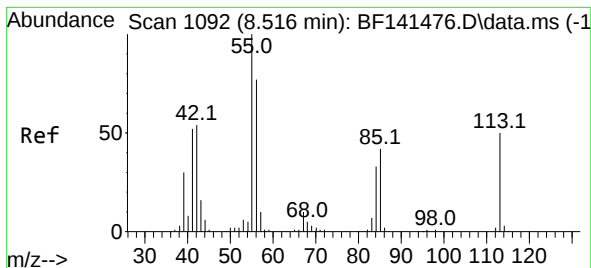
Delta R.T. 0.000 min

Lab File: BF141501.D

Acq: 07 Feb 2025 12:06

Tgt Ion:	225	Resp:	147047
Ion Ratio	Lower	Upper	
225	100		
223	62.5	50.1	75.1
227	64.0	51.0	76.6





#35

Caprolactam

Concen: 51.459 ng m

RT: 8.516 min Scan# 1092

Delta R.T. -0.029 min

Lab File: BF141501.D

Acq: 07 Feb 2025 12:06

Instrument :

BNA_F

ClientSampleId :

PB166567BS

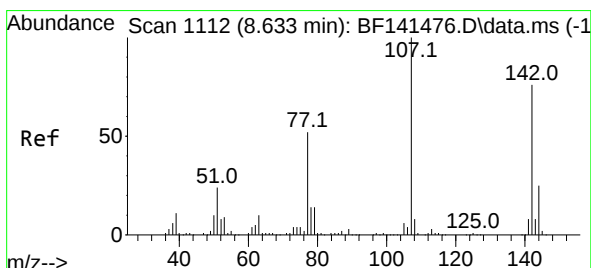
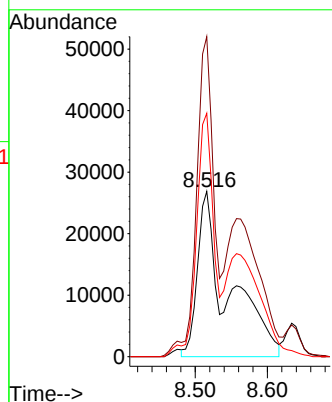
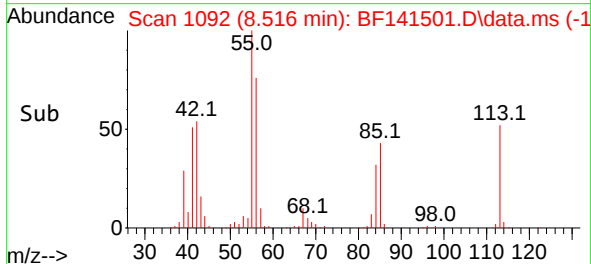
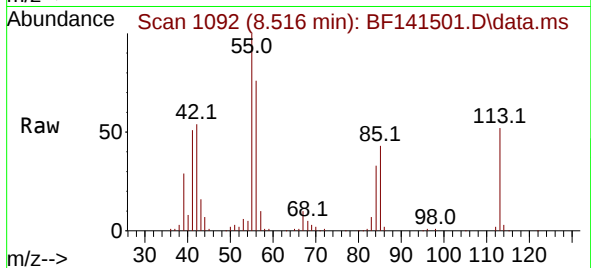
Tgt Ion:113 Resp: 79109
 Ion Ratio Lower Upper
 113 100
 55 193.6 180.8 220.8
 56 147.2 133.6 173.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 02/10/2025

Supervised By :mohammad ahmed 02/12/2025



#36

4-Chloro-3-methylphenol

Concen: 45.144 ng

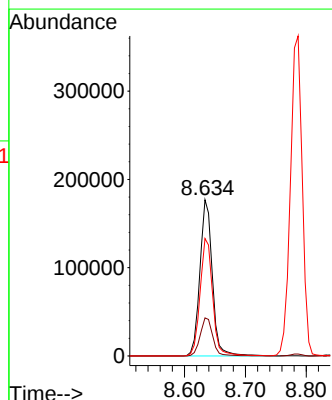
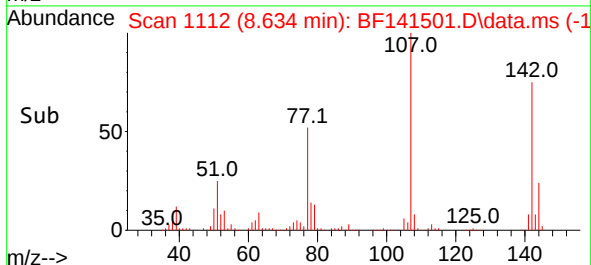
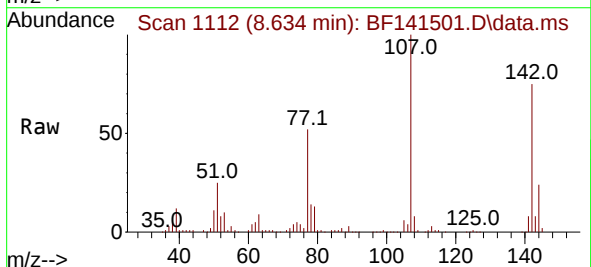
RT: 8.634 min Scan# 1112

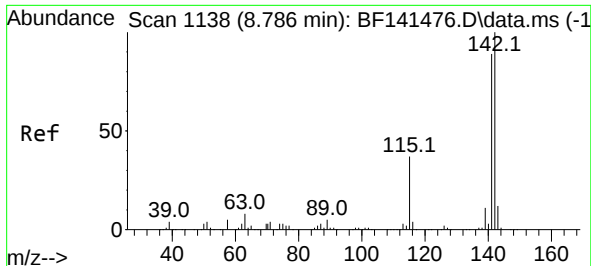
Delta R.T. -0.006 min

Lab File: BF141501.D

Acq: 07 Feb 2025 12:06

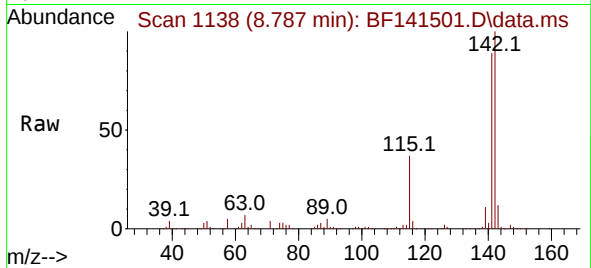
Tgt Ion:107 Resp: 252491
 Ion Ratio Lower Upper
 107 100
 144 24.4 19.7 29.5
 142 75.2 60.8 91.2





#37
2-Methylnaphthalene
Concen: 41.832 ng
RT: 8.787 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

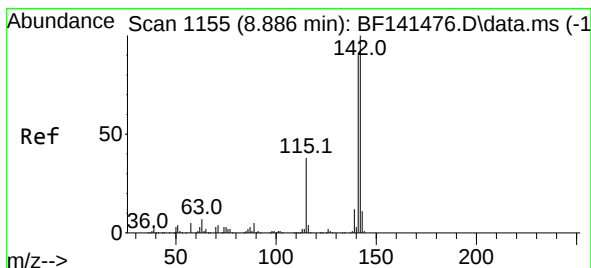
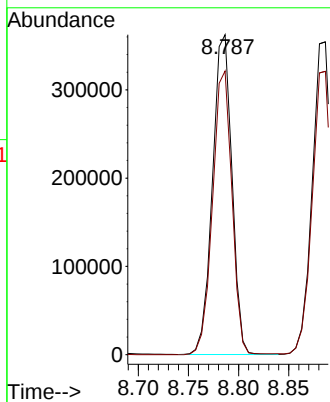
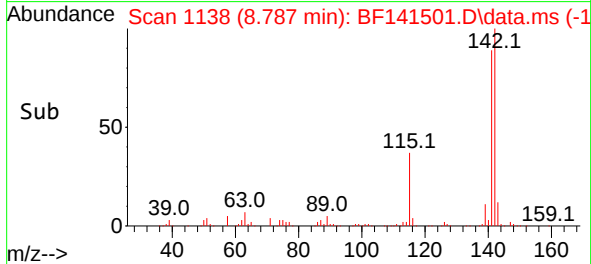
Instrument :
BNA_F
ClientSampleId :
PB166567BS



Tgt Ion:142 Resp: 487319
Ion Ratio Lower Upper
142 100
141 88.6 71.2 106.8

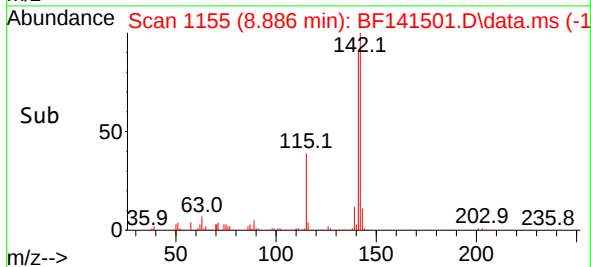
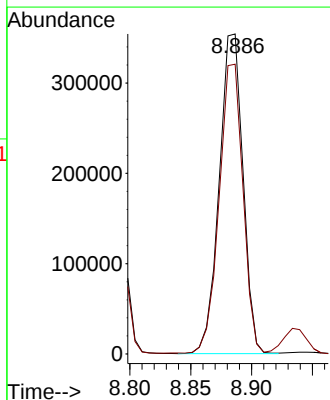
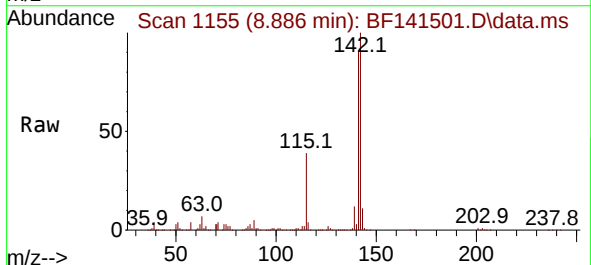
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 02/10/2025
Supervised By :mohammad ahmed 02/12/2025



#38
1-Methylnaphthalene
Concen: 42.540 ng
RT: 8.886 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

Tgt Ion:142 Resp: 479970
Ion Ratio Lower Upper
142 100
141 90.6 72.1 108.1





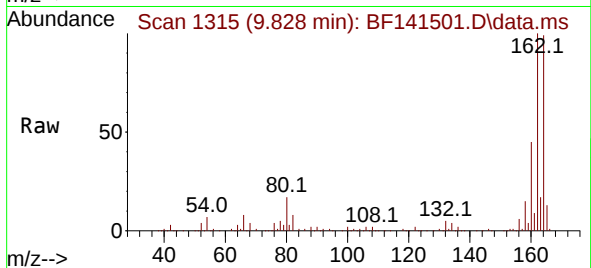
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

Instrument :

BNA_F

ClientSampleId :

PB166567BS

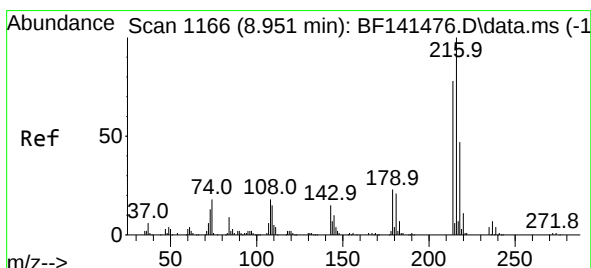
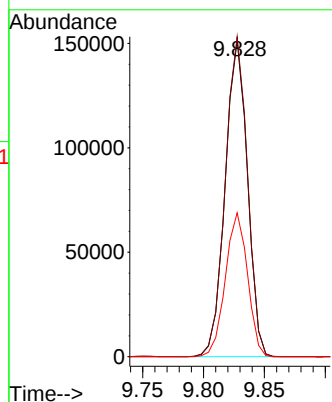
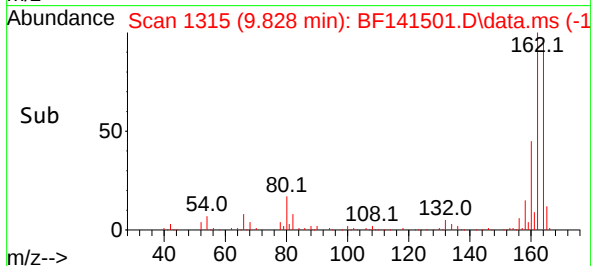


Tgt Ion:164 Resp: 192640
Ion Ratio Lower Upper
164 100
162 101.3 81.3 121.9
160 45.5 35.9 53.9

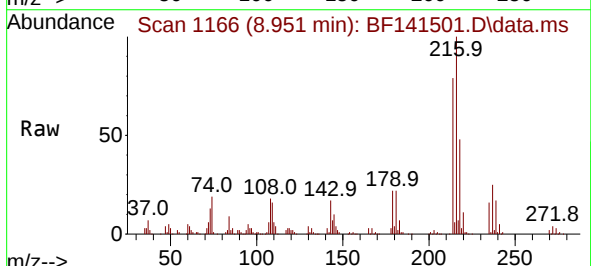
Manual Integrations

APPROVED

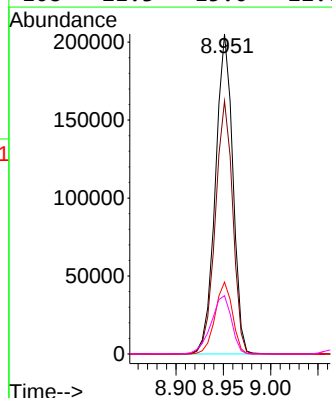
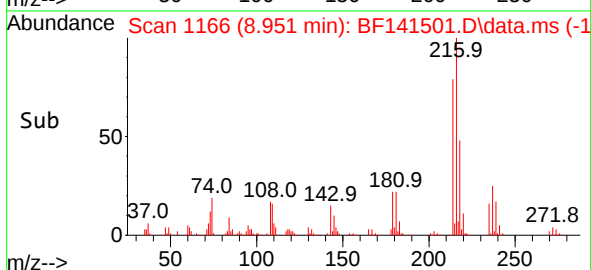
Reviewed By :Rahul Chavli 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

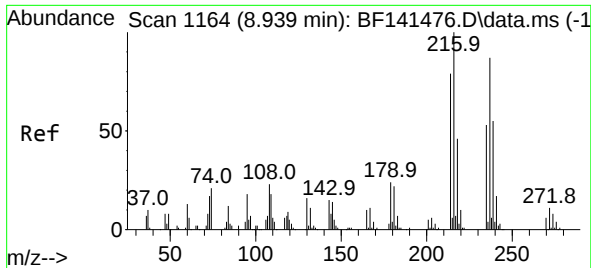


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.125 ng
RT: 8.951 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06



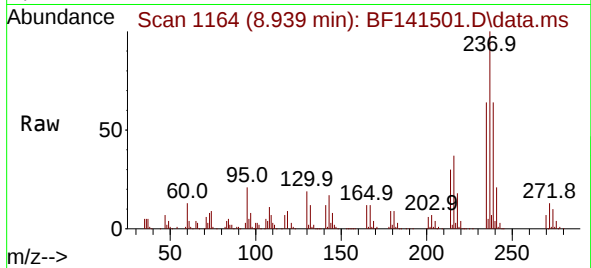
Tgt Ion:216 Resp: 262644
Ion Ratio Lower Upper
216 100
214 79.0 62.3 93.5
179 22.3 18.0 27.0
108 21.3 15.0 22.6





#41
Hexachlorocyclopentadiene
Concen: 158.893 ng
RT: 8.939 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

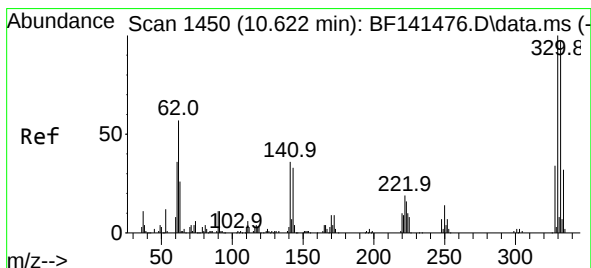
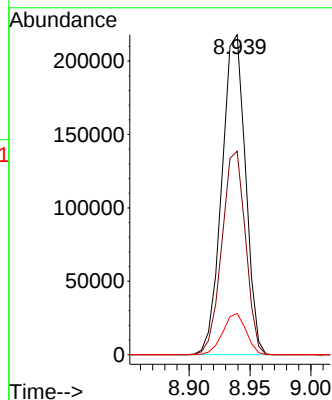
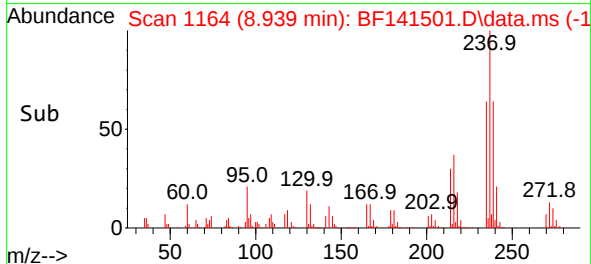
Instrument :
BNA_F
ClientSampleId :
PB166567BS



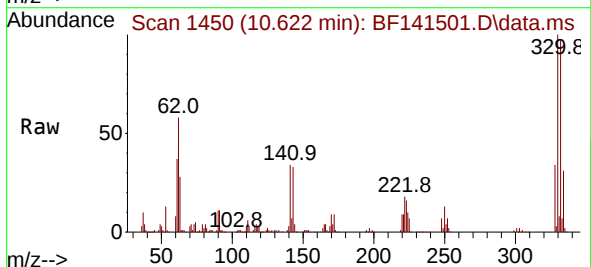
Tgt Ion:237 Resp: 29454
Ion Ratio Lower Upper
237 100
235 63.6 41.4 81.4
272 12.9 0.0 32.4

Manual Integrations
APPROVED

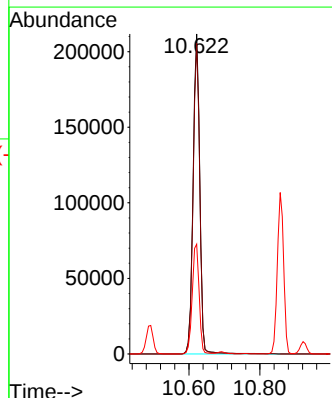
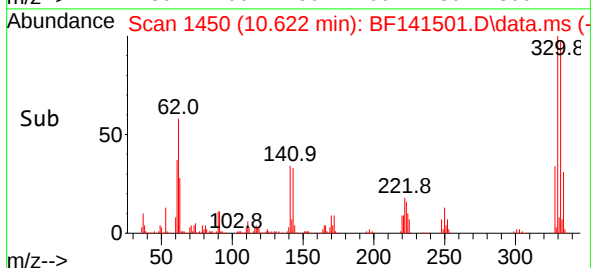
Reviewed By :Rahul Chavli 02/10/2025
Supervised By :mohammad ahmed 02/12/2025



#42
2,4,6-Tribromophenol
Concen: 143.419 ng
RT: 10.622 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06



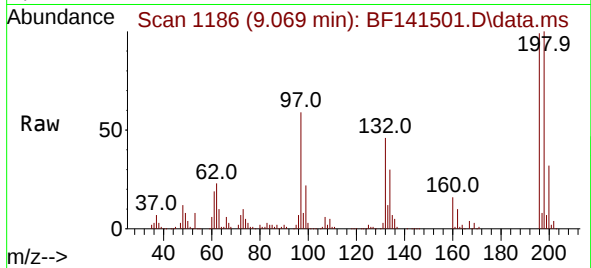
Tgt Ion:330 Resp: 277538
Ion Ratio Lower Upper
330 100
332 96.5 78.5 117.7
141 35.4 31.0 46.4





#43
2,4,6-Trichlorophenol
Concen: 44.858 ng
RT: 9.069 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

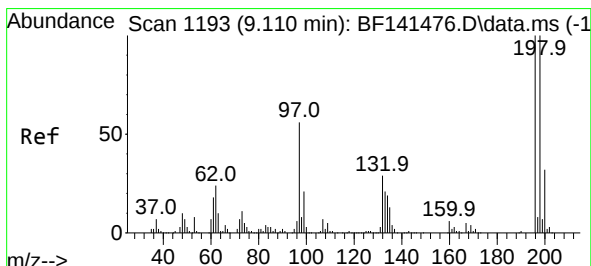
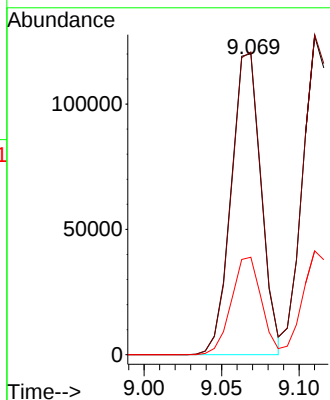
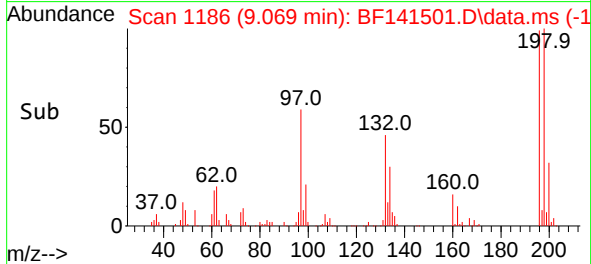
Instrument :
BNA_F
ClientSampleId :
PB166567BS



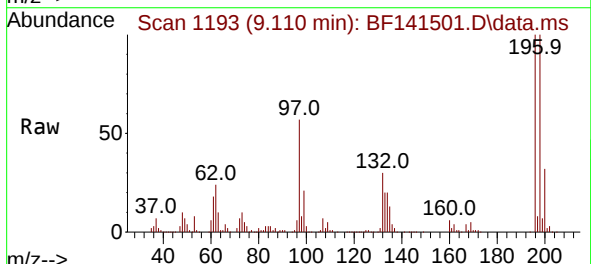
Tgt Ion:196 Resp: 16158
Ion Ratio Lower Upper
196 100
198 100.6 80.6 121.0
200 32.4 25.5 38.3

Manual Integrations
APPROVED

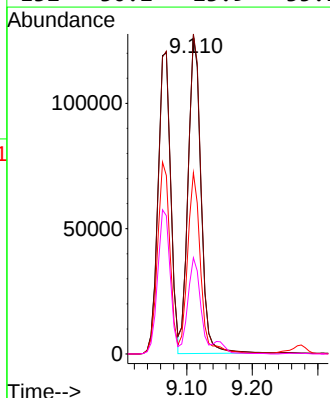
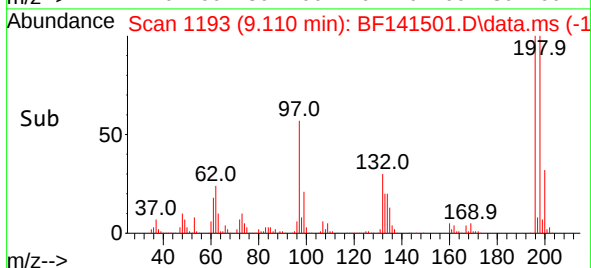
Reviewed By :Rahul Chavli 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

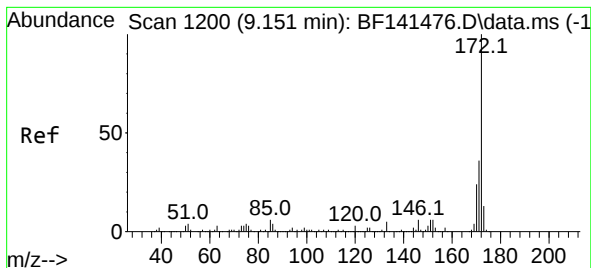


#44
2,4,5-Trichlorophenol
Concen: 44.277 ng
RT: 9.110 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06



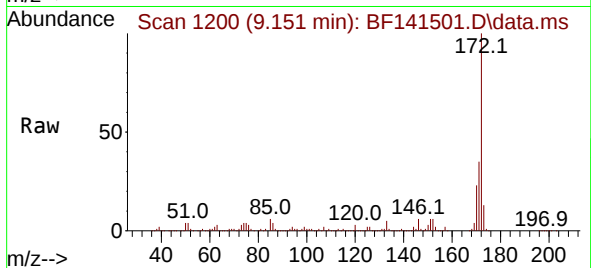
Tgt Ion:196 Resp: 172849
Ion Ratio Lower Upper
196 100
198 100.5 79.8 119.8
97 56.9 44.8 67.2
132 30.2 23.9 35.9





#45
2-Fluorobiphenyl
Concen: 95.265 ng
RT: 9.151 min Scan# 1191180
Delta R.T. 0.000 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

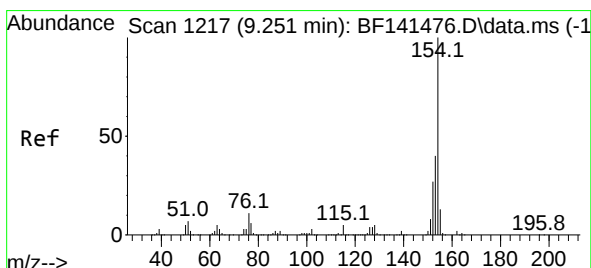
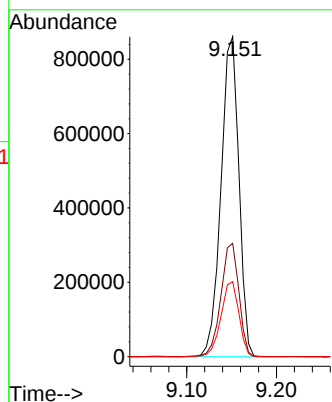
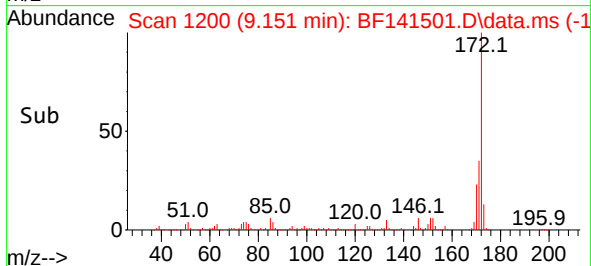
Instrument :
BNA_F
ClientSampleId :
PB166567BS



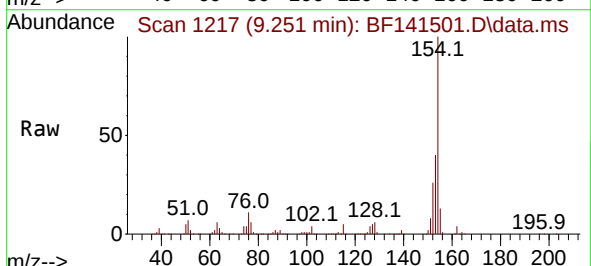
Tgt Ion:172 Resp: 1191180
Ion Ratio Lower Upper
172 100
171 35.5 28.7 43.1
170 23.4 18.9 28.3

Manual Integrations
APPROVED

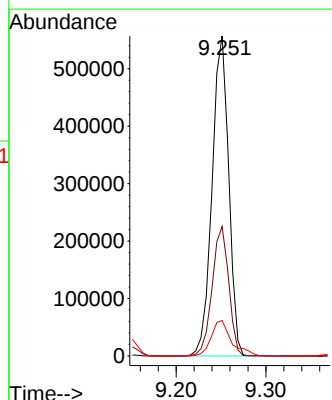
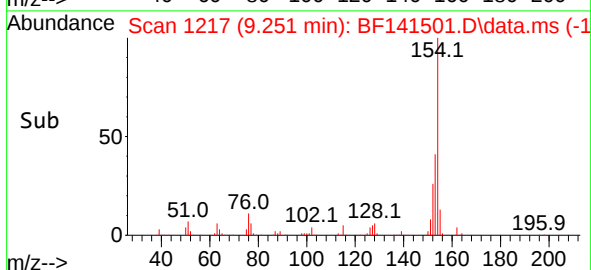
Reviewed By :Rahul Chavli 02/10/2025
Supervised By :mohammad ahmed 02/12/2025



#46
1,1'-Biphenyl
Concen: 47.921 ng
RT: 9.251 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06



Tgt Ion:154 Resp: 715696
Ion Ratio Lower Upper
154 100
153 40.5 20.4 60.4
76 11.1 0.0 30.8





#47

2-Chloronaphthalene

Concen: 44.207 ng

RT: 9.275 min Scan# 1221

Delta R.T. -0.006 min

Lab File: BF141501.D

Acq: 07 Feb 2025 12:06

Instrument :

BNA_F

ClientSampleId :

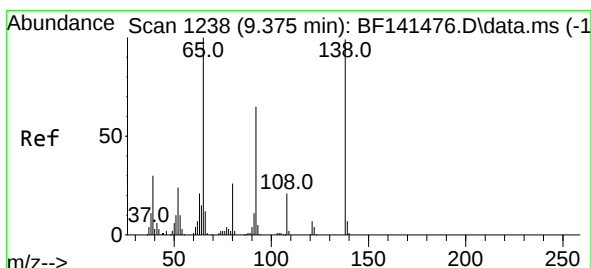
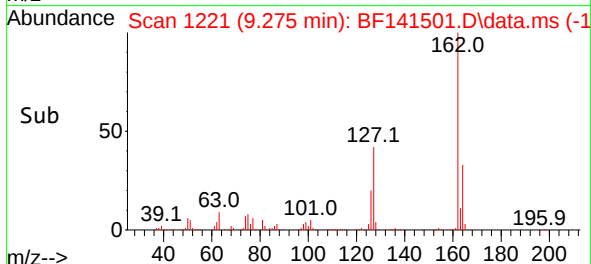
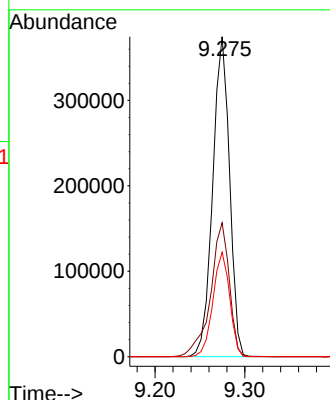
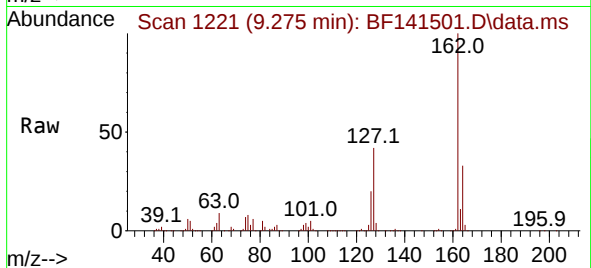
PB166567BS

Tgt Ion:162 Resp: 488223
 Ion Ratio Lower Upper
 162 100
 127 41.9 34.1 51.1
 164 32.6 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 02/10/2025
 Supervised By :mohammad ahmed 02/12/2025



#48

2-Nitroaniline

Concen: 44.913 ng

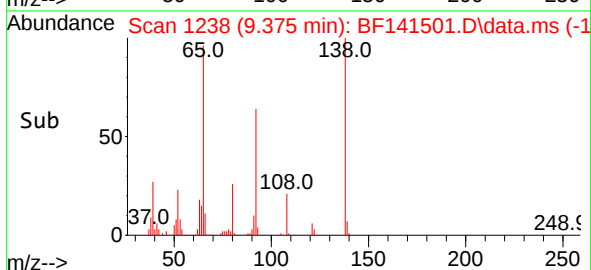
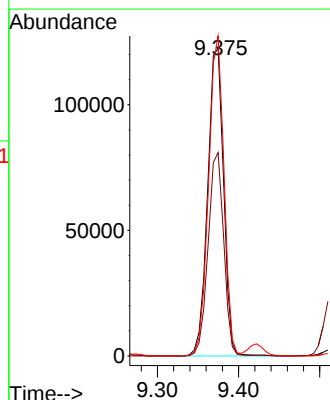
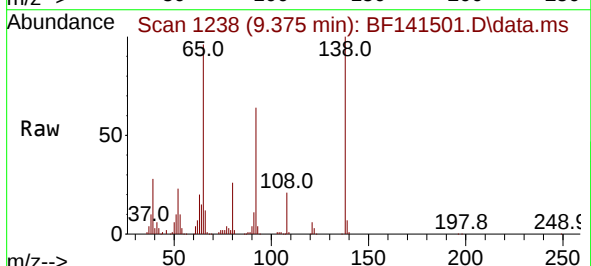
RT: 9.375 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BF141501.D

Acq: 07 Feb 2025 12:06

Tgt Ion: 65 Resp: 166466
 Ion Ratio Lower Upper
 65 100
 92 66.0 52.2 78.2
 138 103.9 79.5 119.3





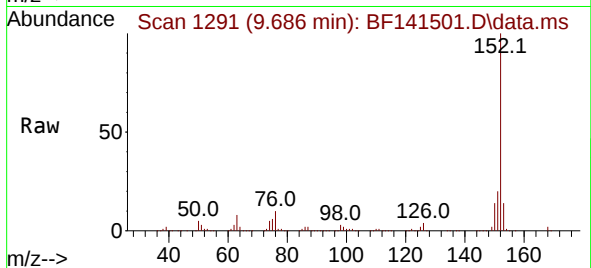
#49
Acenaphthylene
Concen: 45.760 ng
RT: 9.686 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

Instrument :

BNA_F

ClientSampleId :

PB166567BS

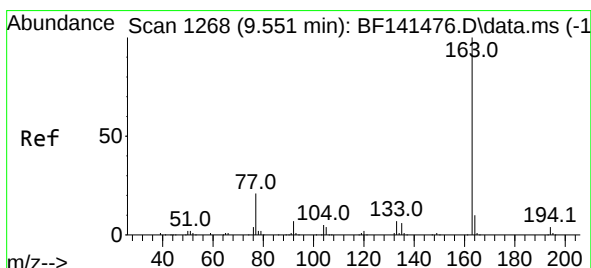
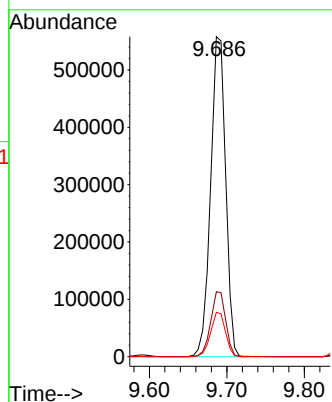
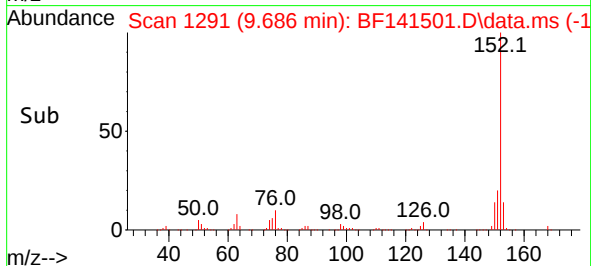


Tgt Ion:152 Resp: 75168
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6
153 13.8 10.9 16.3

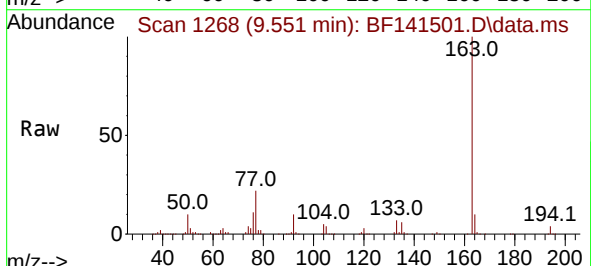
Manual Integrations

APPROVED

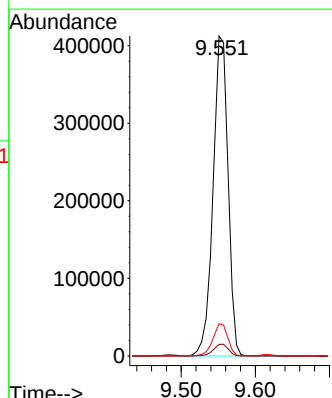
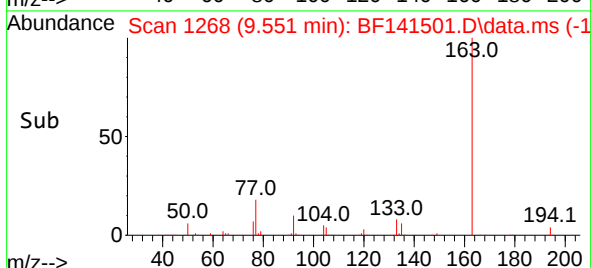
Reviewed By :Rahul Chavli 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

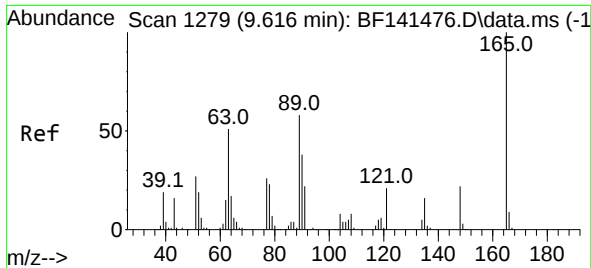


#50
Dimethylphthalate
Concen: 44.290 ng
RT: 9.551 min Scan# 1268
Delta R.T. -0.012 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06



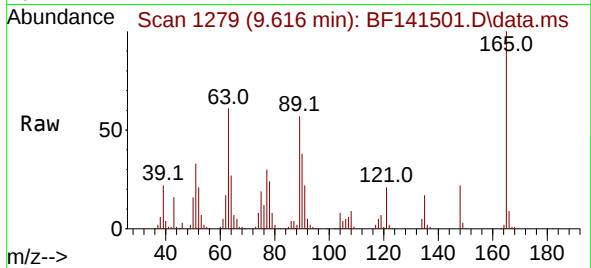
Tgt Ion:163 Resp: 579221
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.1 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 44.947 ng
RT: 9.616 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

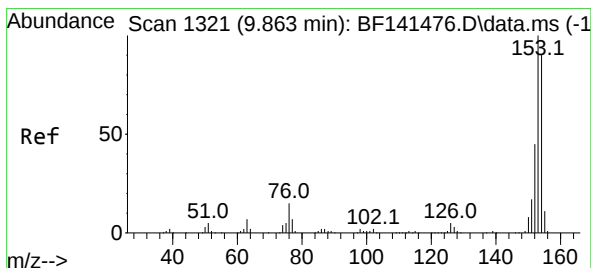
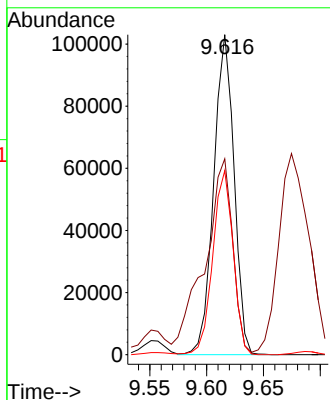
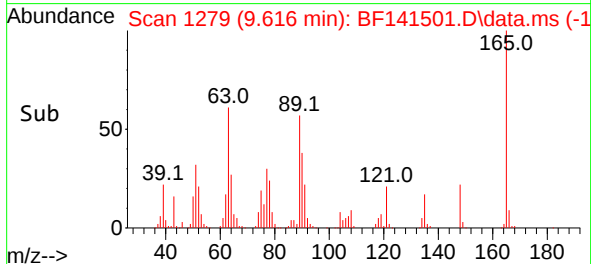
Instrument :
BNA_F
ClientSampleId :
PB166567BS



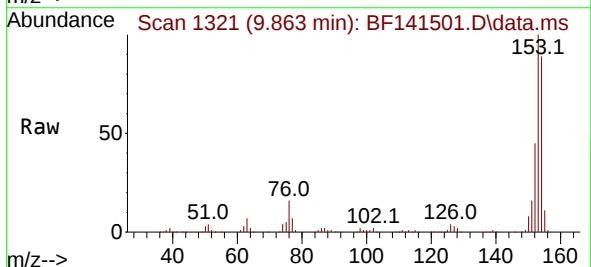
Tgt Ion:165 Resp: 128500
Ion Ratio Lower Upper
165 100
63 61.2 49.4 74.0
89 57.5 46.5 69.7

Manual Integrations
APPROVED

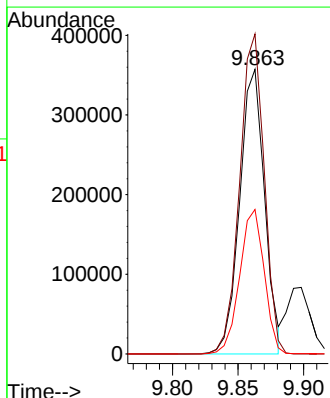
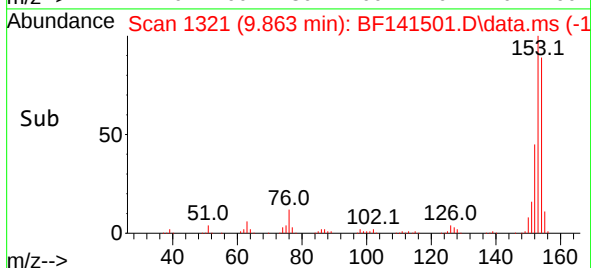
Reviewed By :Rahul Chavli 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

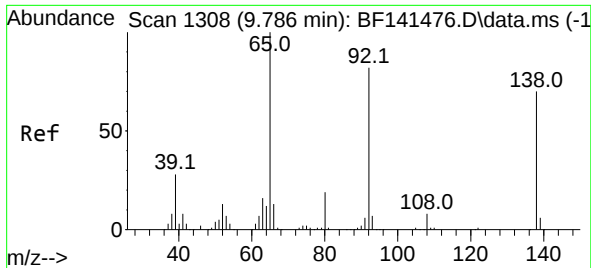


#52
Acenaphthene
Concen: 42.812 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06



Tgt Ion:154 Resp: 472791
Ion Ratio Lower Upper
154 100
153 112.5 89.2 133.8
152 50.8 39.8 59.8





#53
3-Nitroaniline
Concen: 25.742 ng
RT: 9.786 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

Instrument :

BNA_F

ClientSampleId :

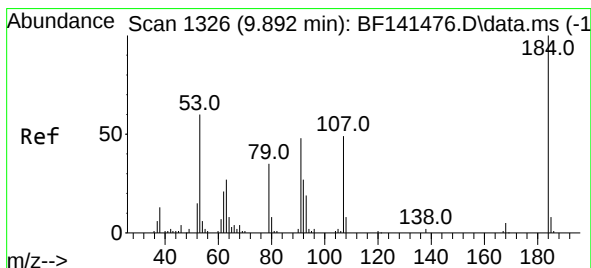
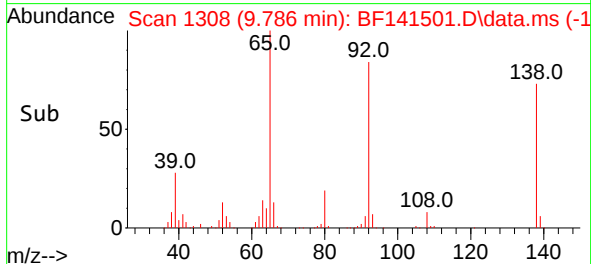
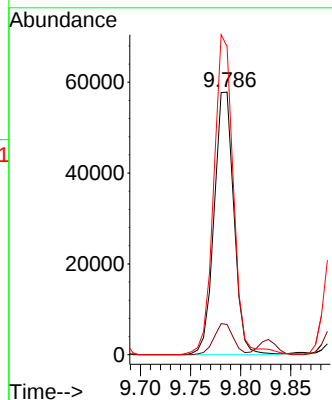
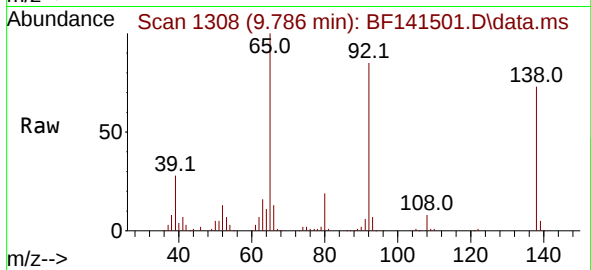
PB166567BS

Tgt Ion:138 Resp: 79210
Ion Ratio Lower Upper
138 100
108 11.5 9.0 13.4
92 117.3 93.7 140.5

Manual Integrations

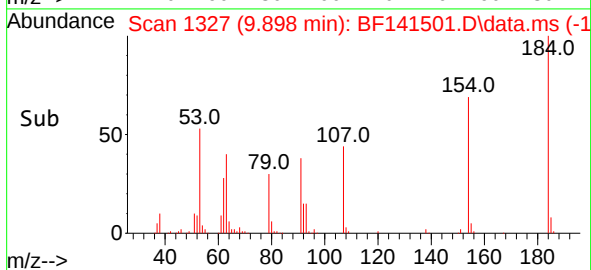
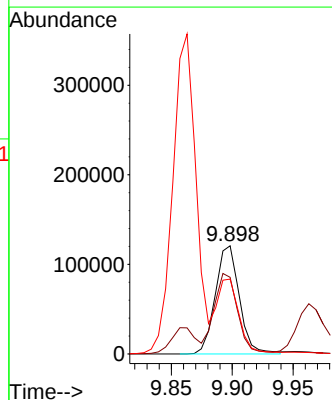
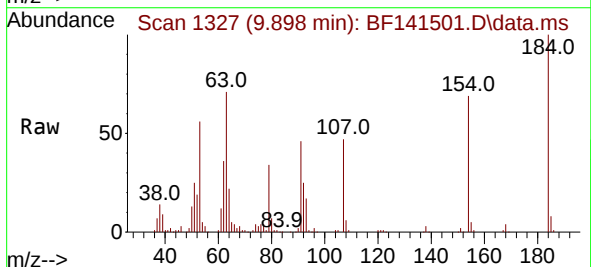
APPROVED

Reviewed By :Rahul Chavli 02/10/2025
Supervised By :mohammad ahmed 02/12/2025



#54
2,4-Dinitrophenol
Concen: 97.563 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

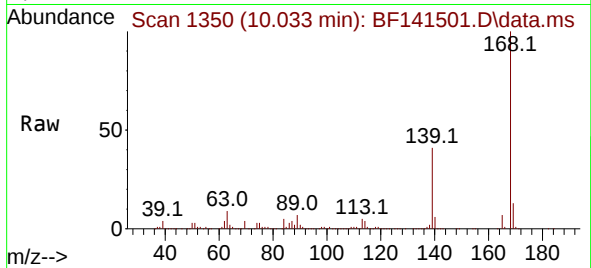
Tgt Ion:184 Resp: 165771
Ion Ratio Lower Upper
184 100
63 70.9 61.0 91.6
154 69.2 59.9 89.9





#55
Dibenzenofuran
Concen: 42.292 ng
RT: 10.033 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

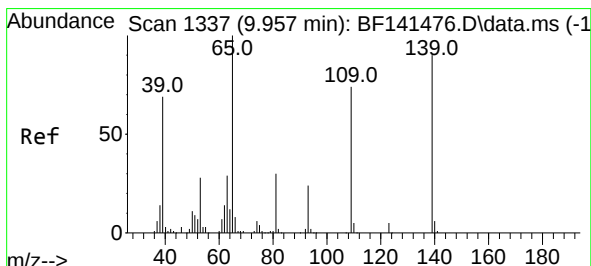
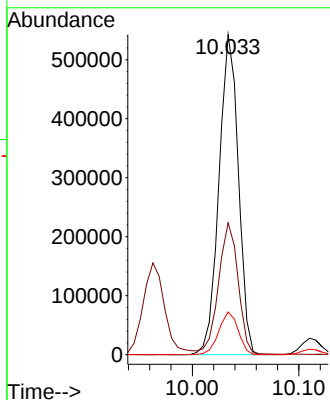
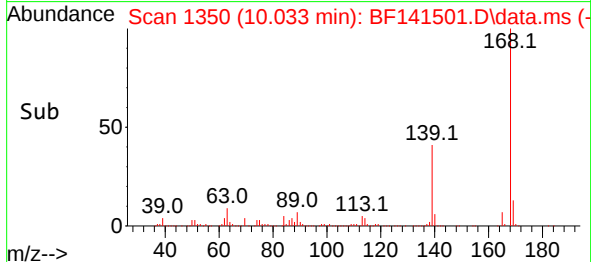
Instrument :
BNA_F
ClientSampleId :
PB166567BS



Tgt Ion:168 Resp: 68554
Ion Ratio Lower Upper
168 100
139 41.2 32.7 49.1
169 13.3 10.8 16.2

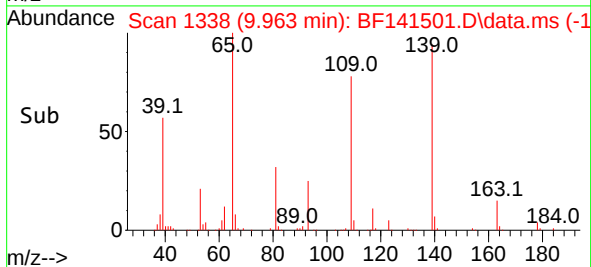
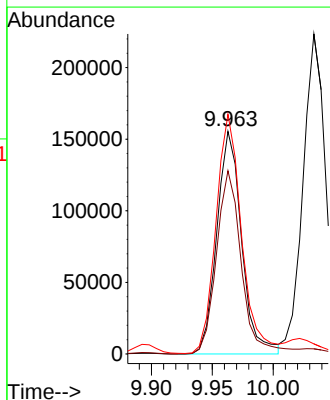
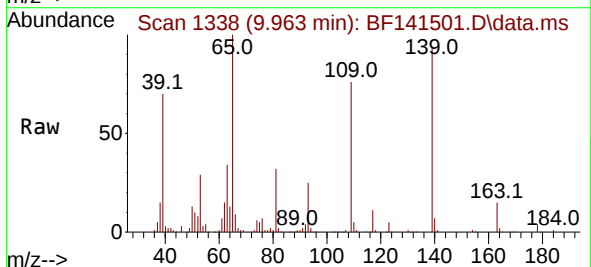
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 02/10/2025
Supervised By :mohammad ahmed 02/12/2025



#56
4-Nitrophenol
Concen: 96.650 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

Tgt Ion:139 Resp: 220768
Ion Ratio Lower Upper
139 100
109 82.3 62.0 102.0
65 107.7 91.2 131.2





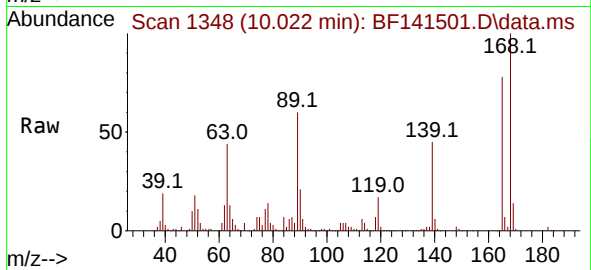
#57
2,4-Dinitrotoluene
Concen: 46.651 ng
RT: 10.022 min Scan# 1348
Delta R.T. -0.006 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

Instrument :

BNA_F

ClientSampleId :

PB166567BS



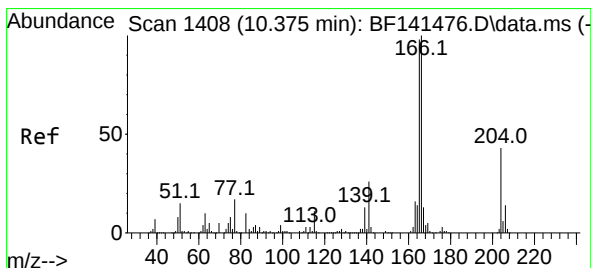
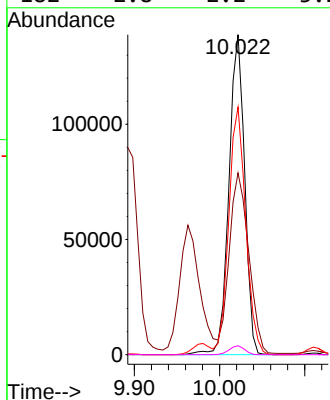
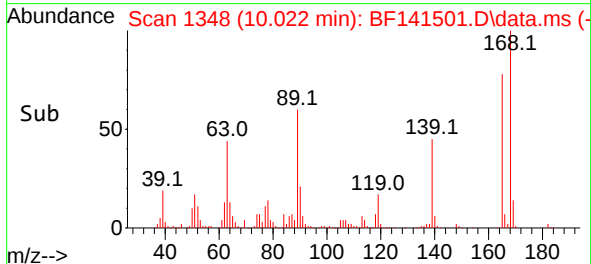
Tgt Ion:165 Resp: 177550
Ion Ratio Lower Upper
165 100
63 56.8 46.4 69.6
89 77.4 61.8 92.6
182 2.8 2.2 3.2

Manual Integrations

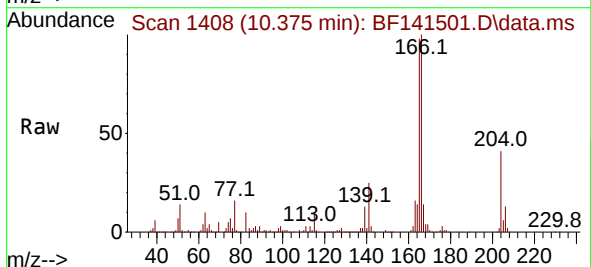
APPROVED

Reviewed By :Rahul Chavli 02/10/2025

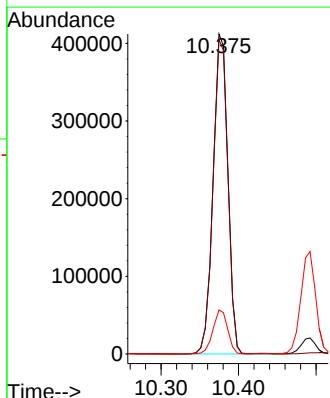
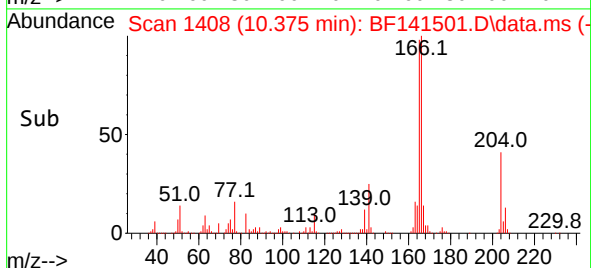
Supervised By :mohammad ahmed 02/12/2025

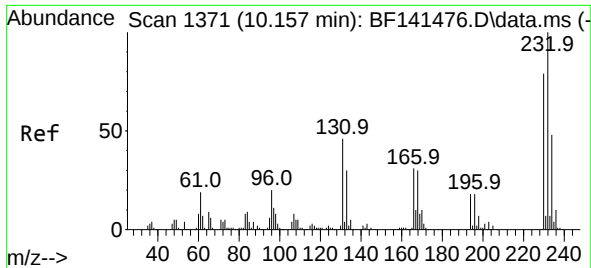


#58
Fluorene
Concen: 43.608 ng
RT: 10.375 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06



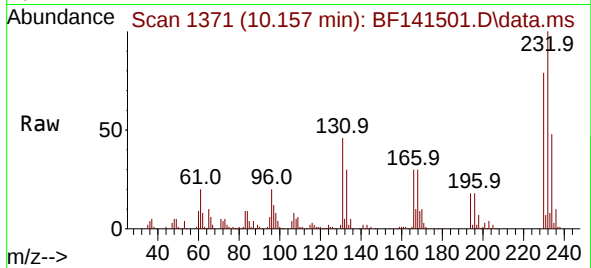
Tgt Ion:166 Resp: 546564
Ion Ratio Lower Upper
166 100
165 98.4 78.2 117.2
167 13.7 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.176 ng
RT: 10.157 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

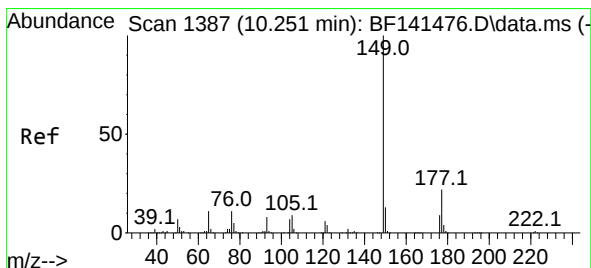
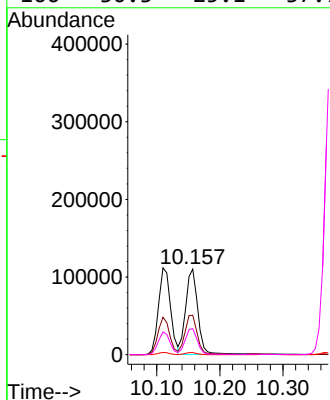
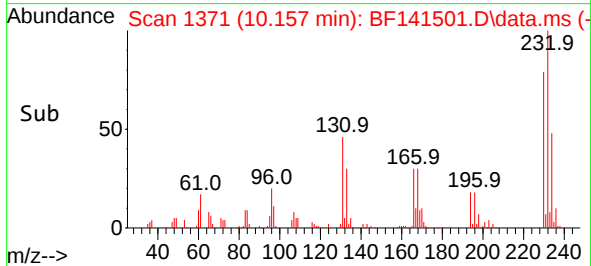
Instrument :
BNA_F
ClientSampleId :
PB166567BS



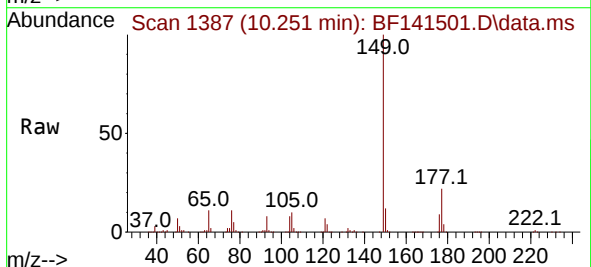
Tgt Ion:232 Resp: 148475
Ion Ratio Lower Upper
232 100
131 47.0 39.2 58.8
130 2.5 2.1 3.1
166 30.3 25.1 37.7

Manual Integrations
APPROVED

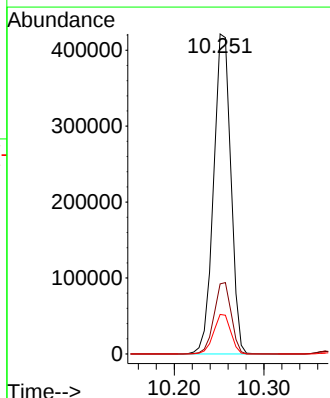
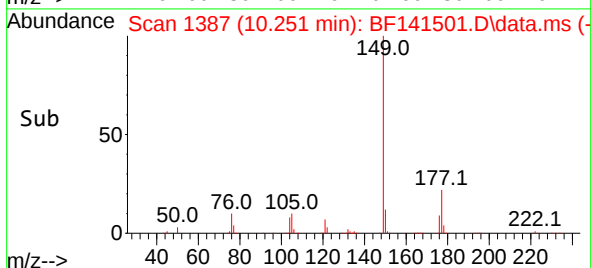
Reviewed By :Rahul Chavli 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

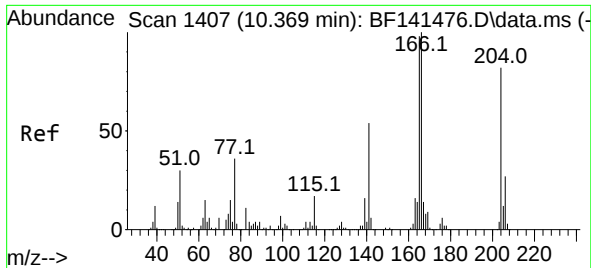


#60
Diethylphthalate
Concen: 43.716 ng
RT: 10.251 min Scan# 1387
Delta R.T. -0.006 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06



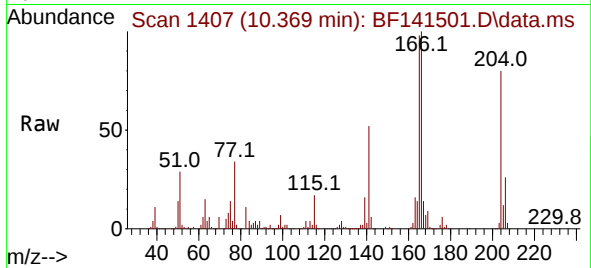
Tgt Ion:149 Resp: 562496
Ion Ratio Lower Upper
149 100
177 21.9 17.8 26.6
150 12.4 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 43.682 ng
RT: 10.369 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

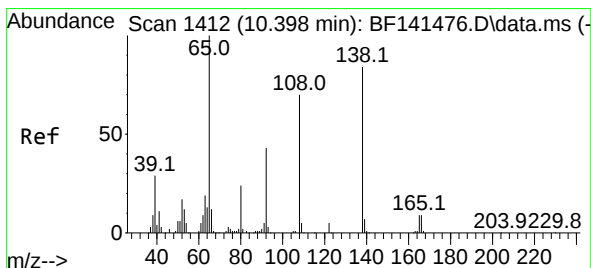
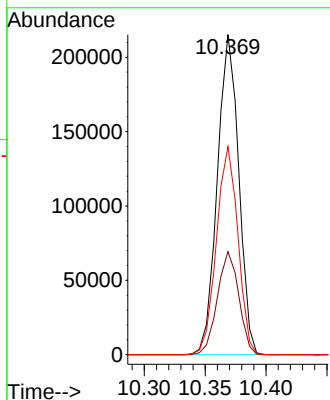
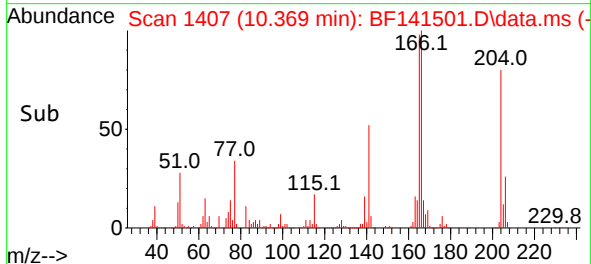
Instrument :
BNA_F
ClientSampleId :
PB166567BS



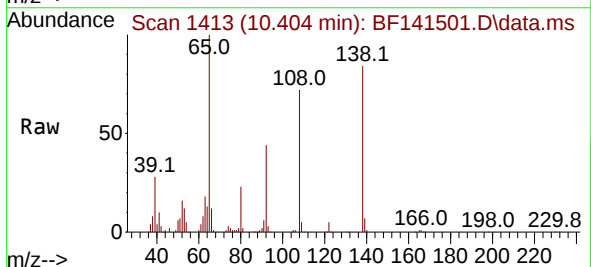
Tgt Ion:204 Resp: 263390
Ion Ratio Lower Upper
204 100
206 32.2 26.6 40.0
141 65.0 51.9 77.9

Manual Integrations
APPROVED

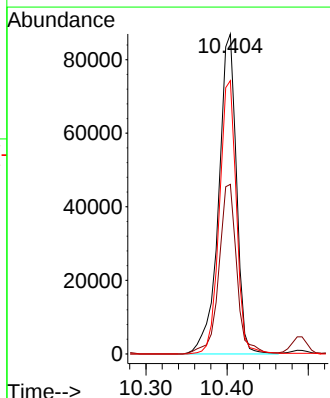
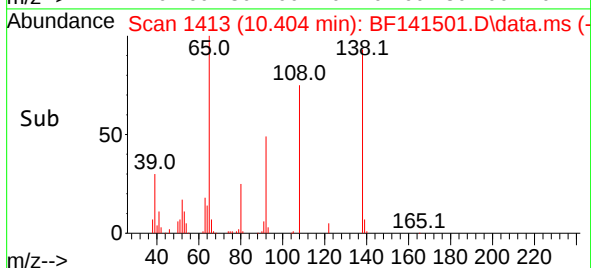
Reviewed By :Rahul Chavli 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

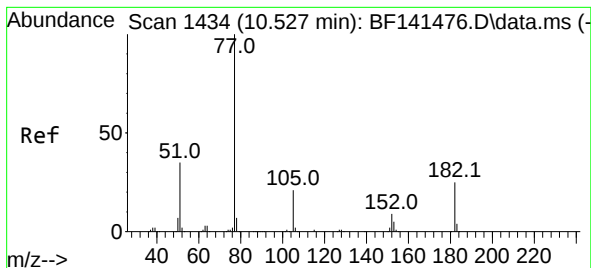


#62
4-Nitroaniline
Concen: 42.522 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06



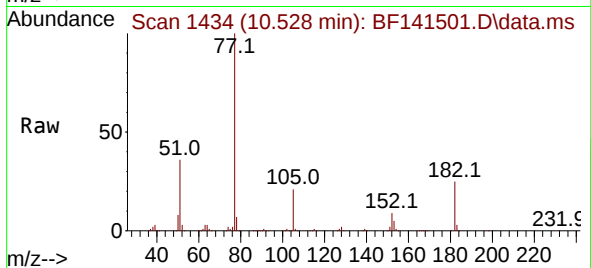
Tgt Ion:138 Resp: 132859
Ion Ratio Lower Upper
138 100
92 53.0 31.3 71.3
108 85.4 63.7 103.7





#63
Azobenzene
Concen: 42.932 ng
RT: 10.528 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

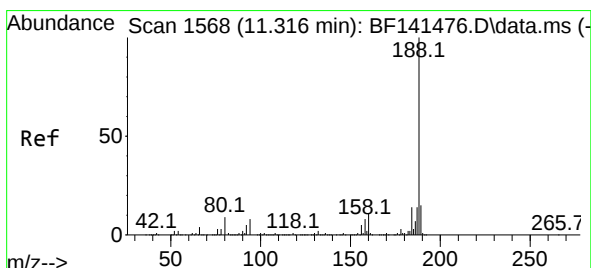
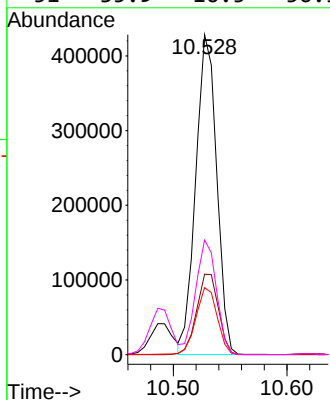
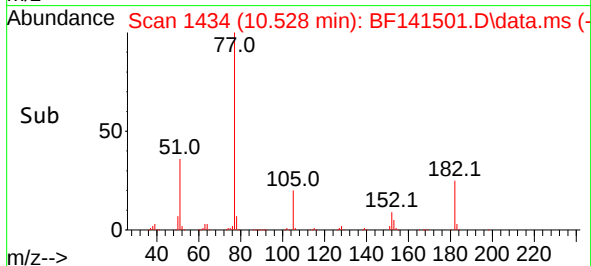
Instrument :
BNA_F
ClientSampleId :
PB166567BS



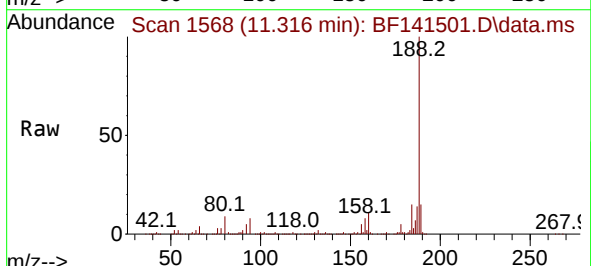
Tgt Ion: 77 Resp: 54916
Ion Ratio Lower Upper
77 100
182 25.2 4.7 44.7
105 21.0 0.4 40.4
51 35.9 16.5 56.5

Manual Integrations
APPROVED

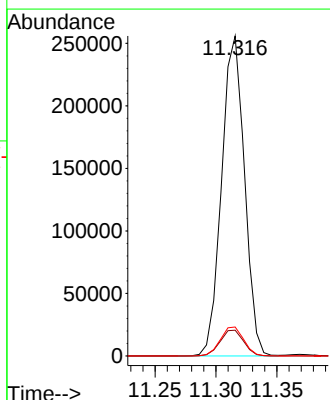
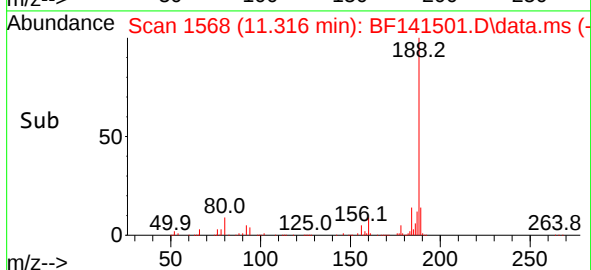
Reviewed By :Rahul Chavli 02/10/2025
Supervised By :mohammad ahmed 02/12/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06



Tgt Ion:188 Resp: 334566
Ion Ratio Lower Upper
188 100
94 8.0 6.6 10.0
80 9.0 7.3 10.9





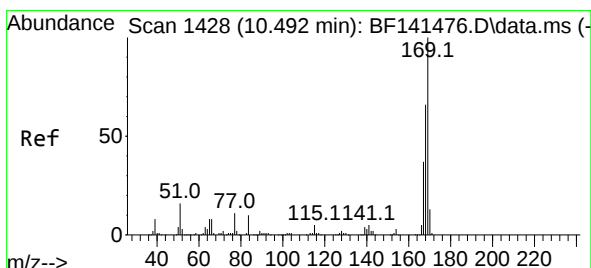
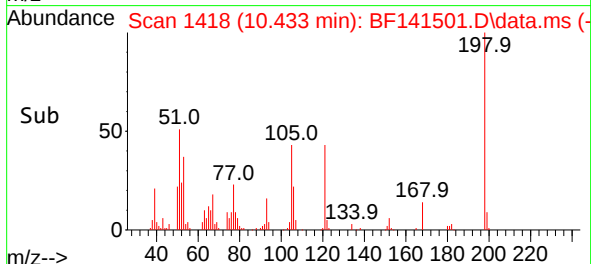
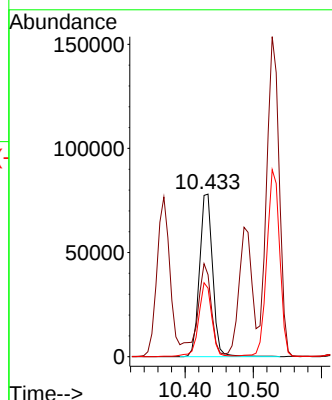
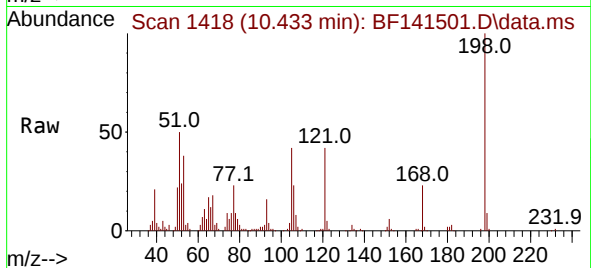
#65
4,6-Dinitro-2-methylphenol
Concen: 44.926 ng
RT: 10.433 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

Instrument :
BNA_F
ClientSampleId :
PB166567BS

Tgt Ion:198 Resp: 104411
Ion Ratio Lower Upper
198 100
51 50.4 37.4 77.4
105 42.2 25.2 65.2

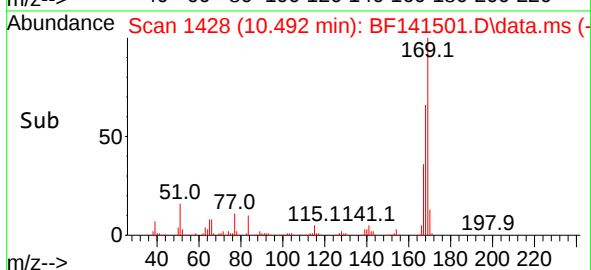
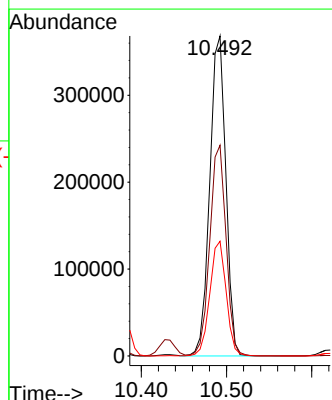
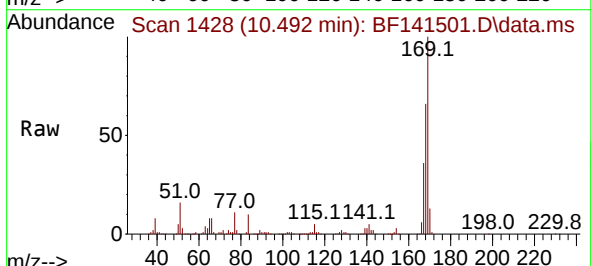
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 02/10/2025
Supervised By :mohammad ahmed 02/12/2025



#66
n-Nitrosodiphenylamine
Concen: 44.963 ng
RT: 10.492 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

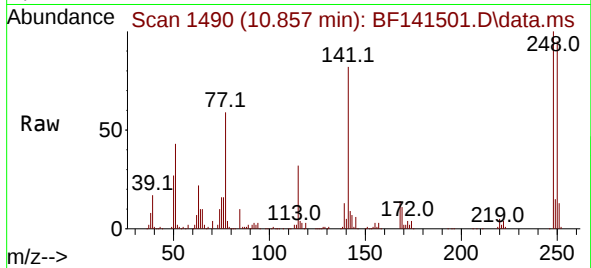
Tgt Ion:169 Resp: 481543
Ion Ratio Lower Upper
169 100
168 65.8 53.3 79.9
167 35.8 29.4 44.2





#67
4-Bromophenyl-phenylether
Concen: 44.525 ng
RT: 10.857 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

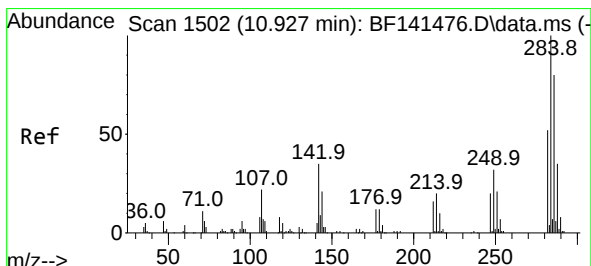
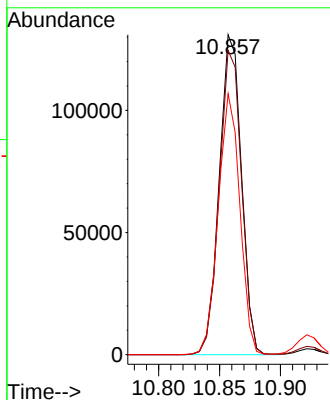
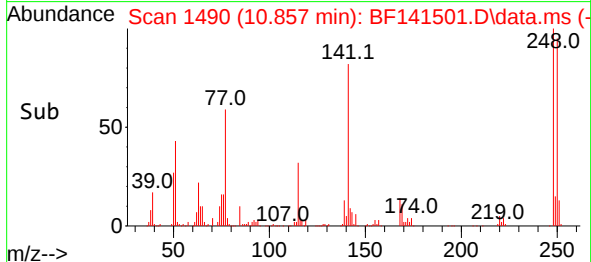
Instrument :
BNA_F
ClientSampleId :
PB166567BS



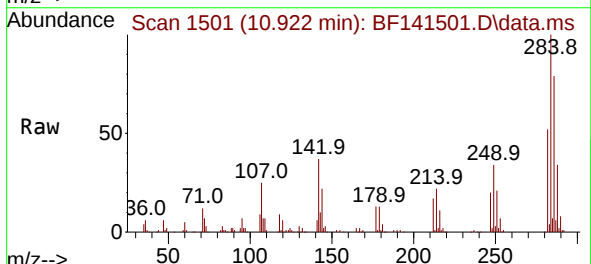
Tgt Ion:248 Resp: 166489
Ion Ratio Lower Upper
248 100
250 95.1 77.8 116.6
141 81.6 60.6 90.8

Manual Integrations
APPROVED

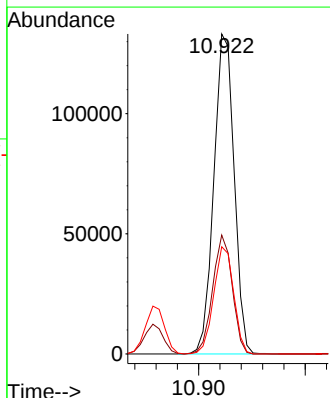
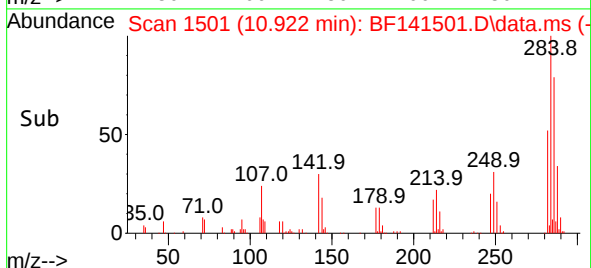
Reviewed By :Rahul Chavli 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

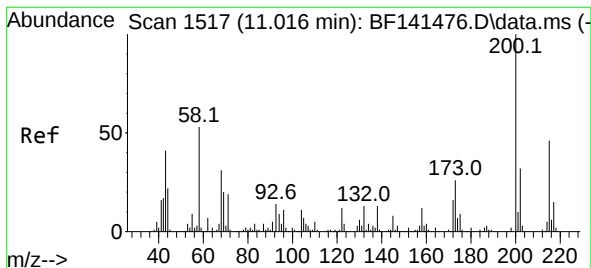


#68
Hexachlorobenzene
Concen: 45.623 ng
RT: 10.922 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06



Tgt Ion:284 Resp: 175664
Ion Ratio Lower Upper
284 100
142 37.1 28.0 42.0
249 33.5 25.8 38.8





#69

Atrazine

Concen: 56.615 ng

RT: 11.022 min Scan# 1518

Delta R.T. 0.000 min

Lab File: BF141501.D

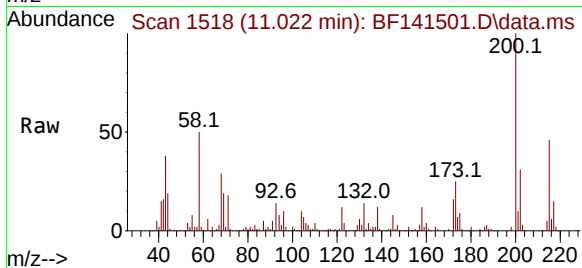
Acq: 07 Feb 2025 12:06

Instrument :

BNA_F

ClientSampleId :

PB166567BS



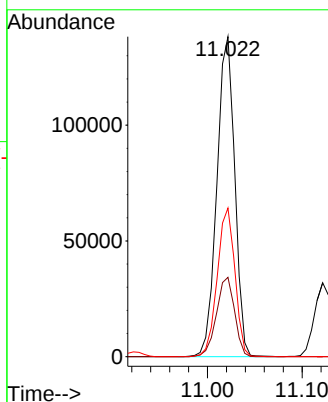
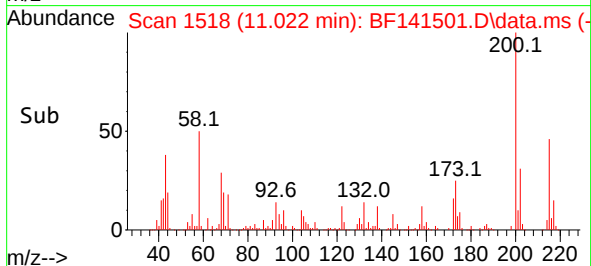
Tgt Ion:200 Resp: 181900
 Ion Ratio Lower Upper
 200 100
 173 24.8 5.9 45.9
 215 46.4 25.9 65.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 02/10/2025

Supervised By :mohammad ahmed 02/12/2025



#70

Pentachlorophenol

Concen: 90.057 ng

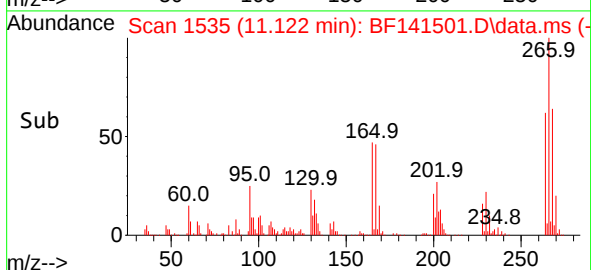
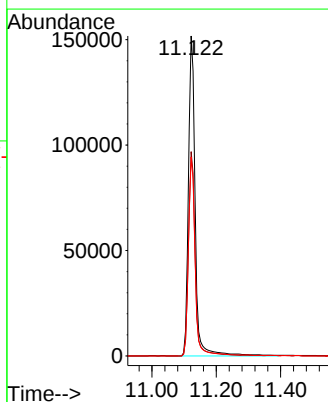
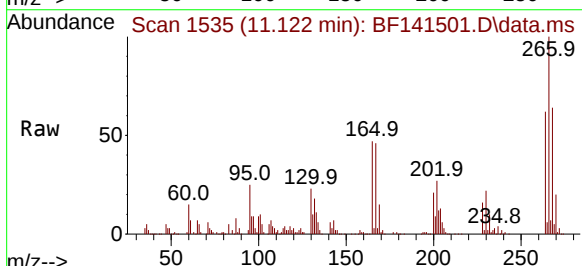
RT: 11.122 min Scan# 1535

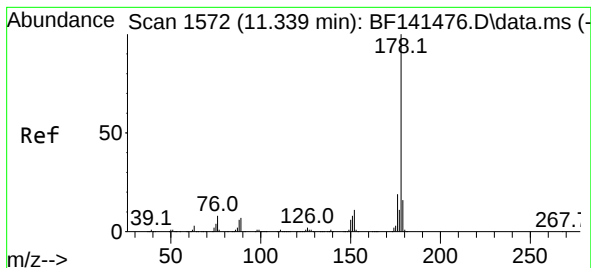
Delta R.T. -0.006 min

Lab File: BF141501.D

Acq: 07 Feb 2025 12:06

Tgt Ion:266 Resp: 221721
 Ion Ratio Lower Upper
 266 100
 268 63.9 50.1 75.1
 264 62.2 50.1 75.1





#71

Phenanthrene

Concen: 44.636 ng

RT: 11.339 min Scan# 1572

Delta R.T. -0.006 min

Lab File: BF141501.D

Acq: 07 Feb 2025 12:06

Instrument :

BNA_F

ClientSampleId :

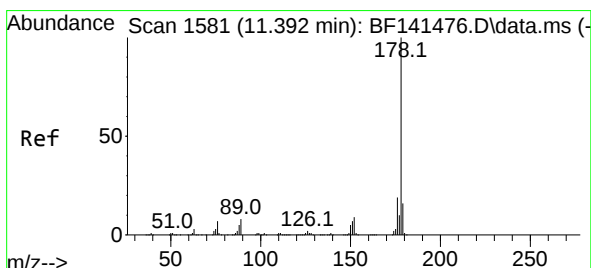
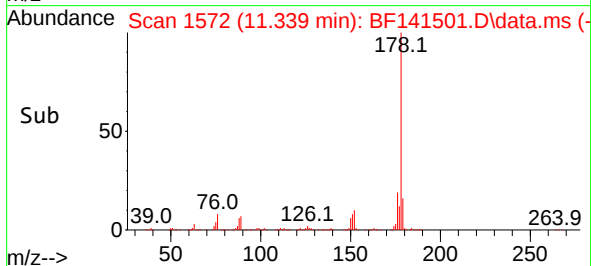
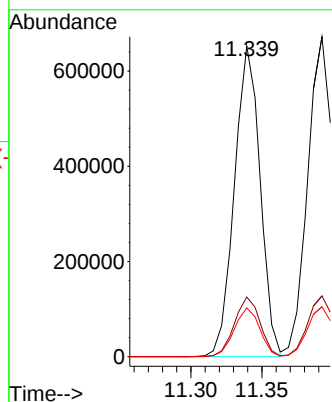
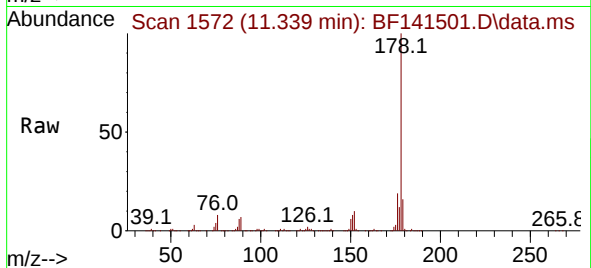
PB166567BS

Tgt Ion:178 Resp: 82204
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.0
 179 15.7 12.4 18.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 02/10/2025
 Supervised By :mohammad ahmed 02/12/2025



#72

Anthracene

Concen: 45.676 ng

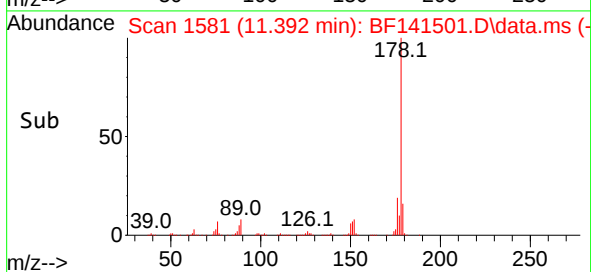
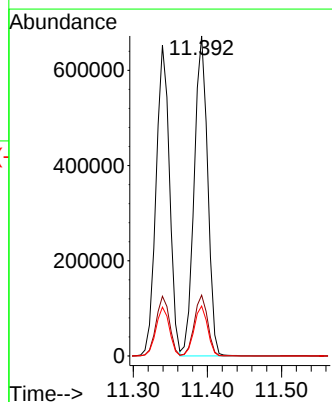
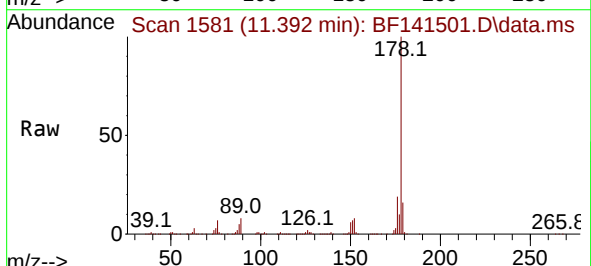
RT: 11.392 min Scan# 1581

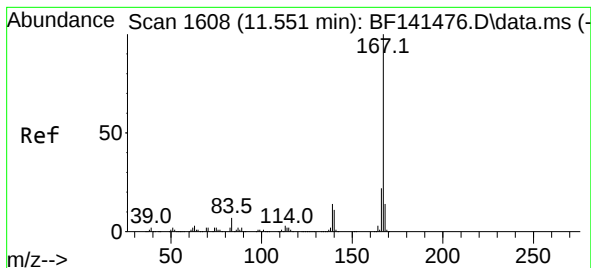
Delta R.T. -0.006 min

Lab File: BF141501.D

Acq: 07 Feb 2025 12:06

Tgt Ion:178 Resp: 845599
 Ion Ratio Lower Upper
 178 100
 176 19.0 14.8 22.2
 179 15.6 12.4 18.6





#73

Carbazole

Concen: 44.958 ng

RT: 11.545 min Scan# 1607

Delta R.T. -0.006 min

Lab File: BF141501.D

Acq: 07 Feb 2025 12:06

Instrument :

BNA_F

ClientSampleId :

PB166567BS

Tgt Ion:167 Resp: 748904

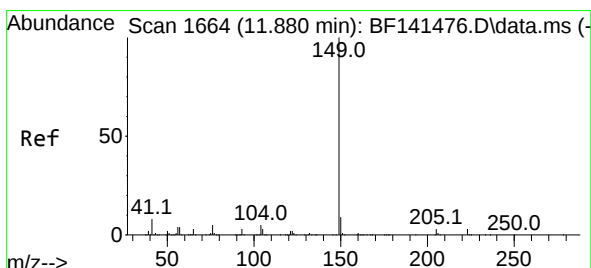
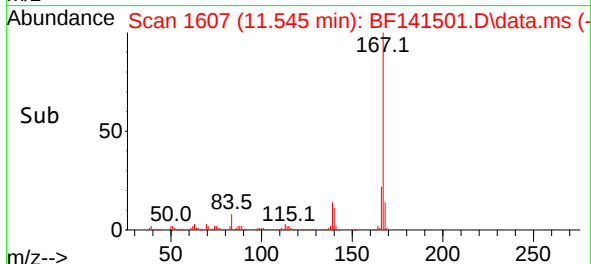
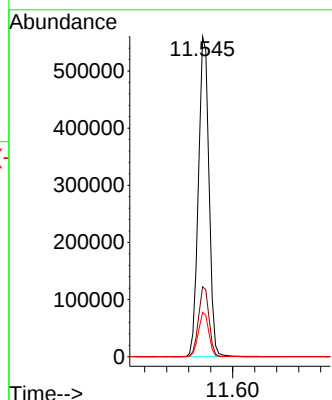
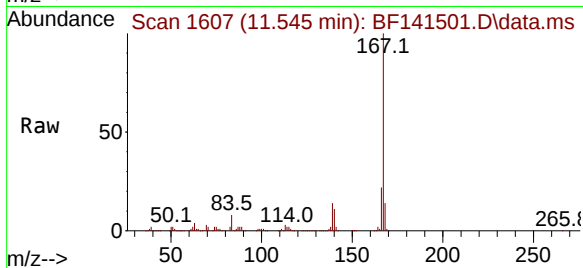
Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.4	26.2
139	13.8	10.9	16.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 02/10/2025

Supervised By :mohammad ahmed 02/12/2025



#74

Di-n-butylphthalate

Concen: 44.864 ng

RT: 11.880 min Scan# 1664

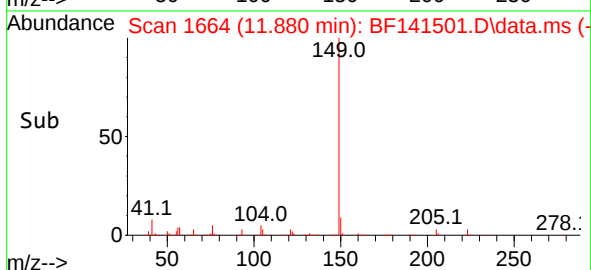
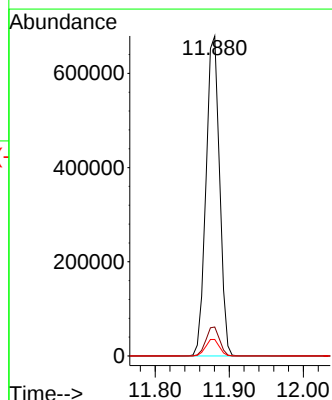
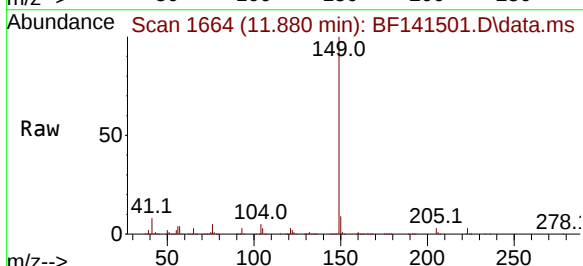
Delta R.T. 0.000 min

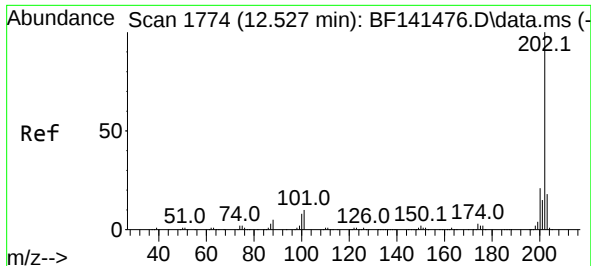
Lab File: BF141501.D

Acq: 07 Feb 2025 12:06

Tgt Ion:149 Resp: 862929

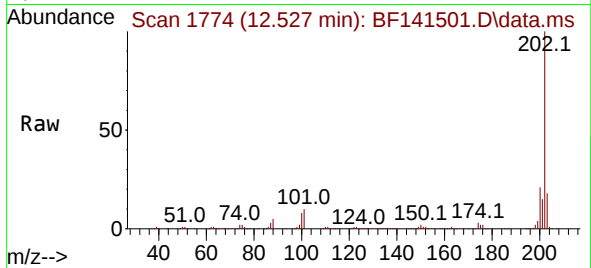
Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	5.2	4.2	6.2





#75
Fluoranthene
Concen: 44.685 ng
RT: 12.527 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

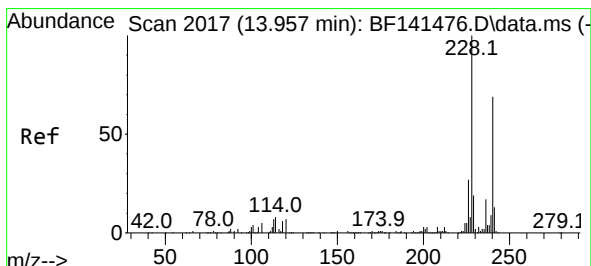
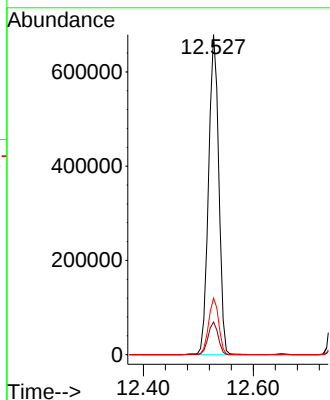
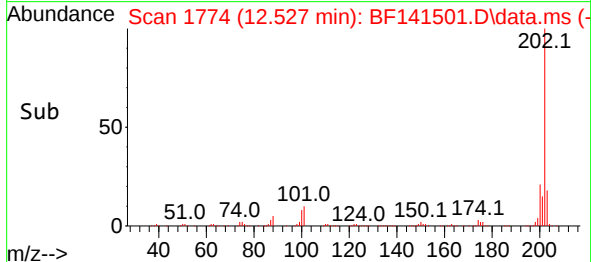
Instrument :
BNA_F
ClientSampleId :
PB166567BS



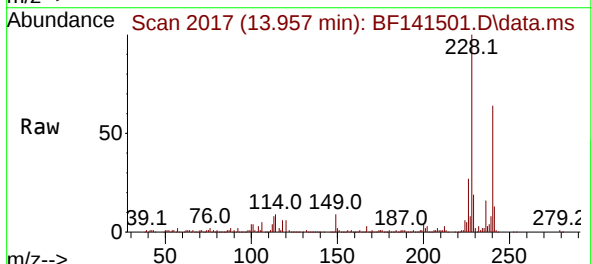
Tgt Ion:202 Resp: 872480
Ion Ratio Lower Upper
202 100
101 10.2 0.0 30.2
203 17.7 0.0 37.6

Manual Integrations
APPROVED

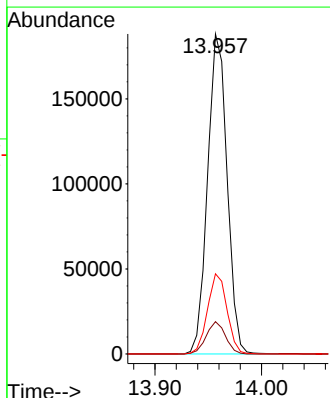
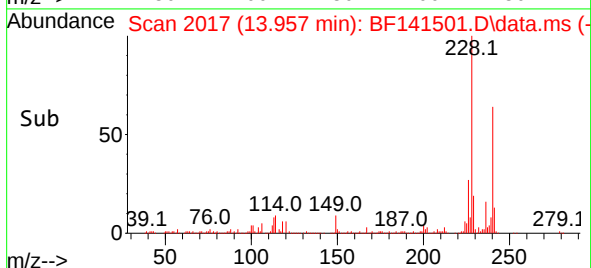
Reviewed By :Rahul Chavli 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

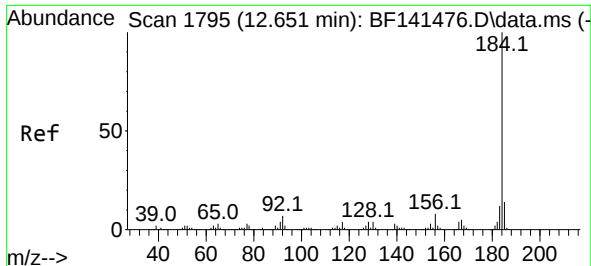


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06



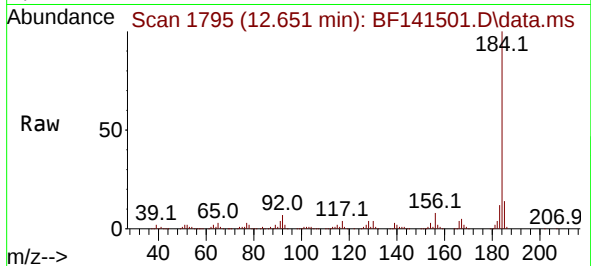
Tgt Ion:240 Resp: 239866
Ion Ratio Lower Upper
240 100
120 10.1 8.0 12.0
236 25.0 19.8 29.8





#77
Benzidine
Concen: 71.016 ng
RT: 12.651 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

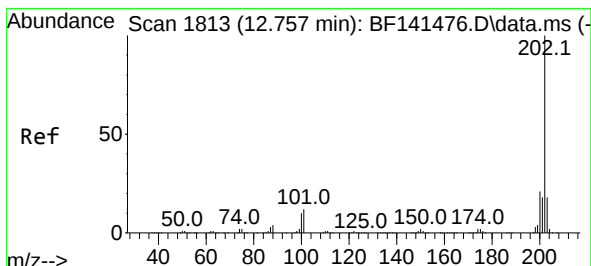
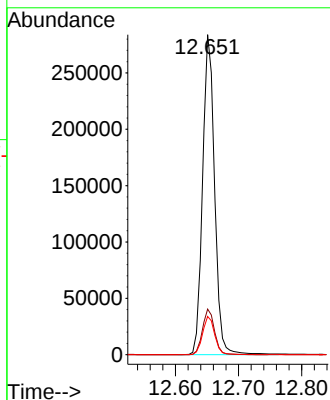
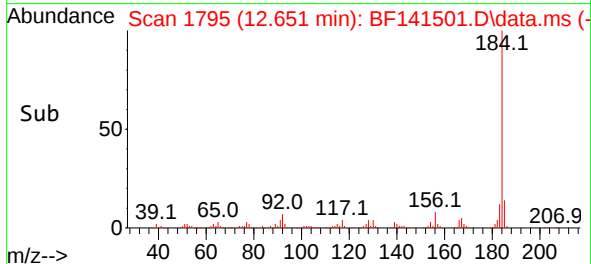
Instrument :
BNA_F
ClientSampleId :
PB166567BS



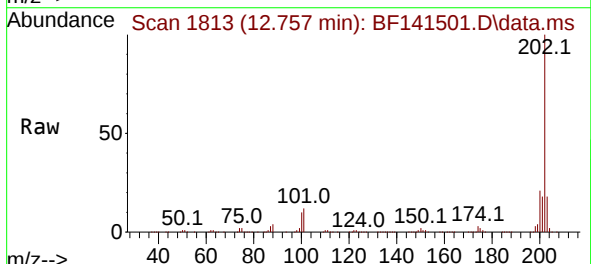
Tgt Ion:184 Resp: 375680
Ion Ratio Lower Upper
184 100
185 14.3 11.3 16.9
183 11.9 9.3 13.9

Manual Integrations
APPROVED

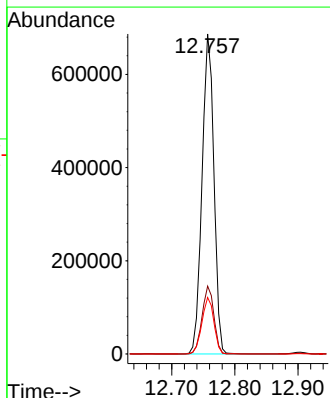
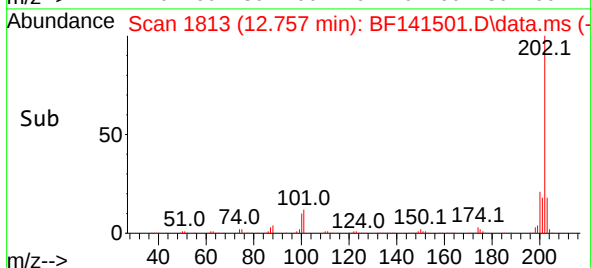
Reviewed By :Rahul Chavli 02/10/2025
Supervised By :mohammad ahmed 02/12/2025



#78
Pyrene
Concen: 43.952 ng
RT: 12.757 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06



Tgt Ion:202 Resp: 897451
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 17.7 14.3 21.5





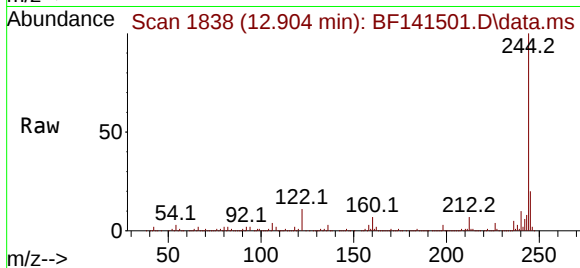
#79
 Terphenyl-d14
 Concen: 100.093 ng
 RT: 12.904 min Scan# 1838
 Delta R.T. 0.000 min
 Lab File: BF141501.D
 Acq: 07 Feb 2025 12:06

Instrument :

BNA_F

ClientSampleId :

PB166567BS

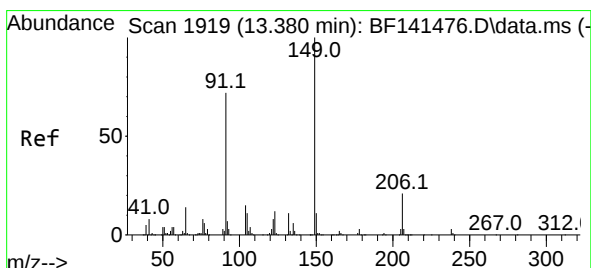
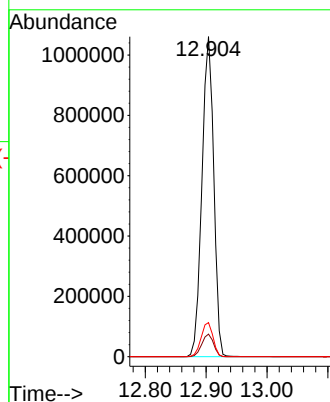
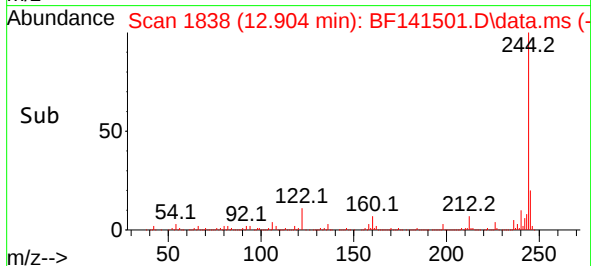


Tgt Ion:244 Resp: 142217
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 10.6 8.4 12.6

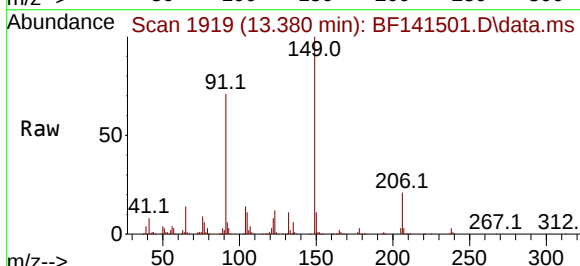
Manual Integrations

APPROVED

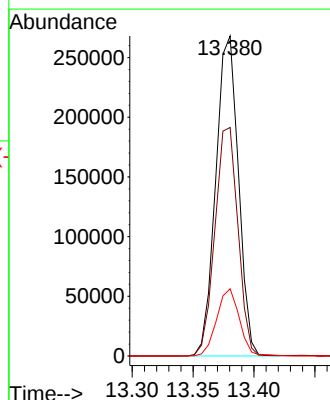
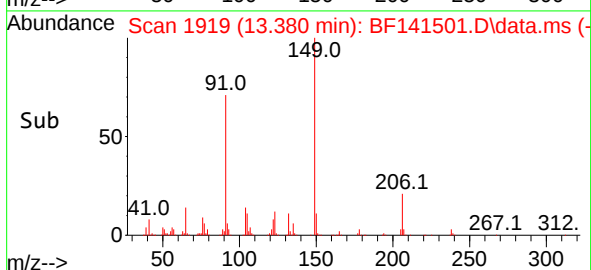
Reviewed By :Rahul Chavli 02/10/2025
 Supervised By :mohammad ahmed 02/12/2025

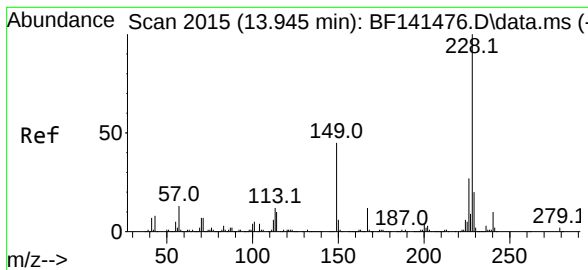


#80
 Butylbenzylphthalate
 Concen: 49.140 ng
 RT: 13.380 min Scan# 1919
 Delta R.T. 0.000 min
 Lab File: BF141501.D
 Acq: 07 Feb 2025 12:06



Tgt Ion:149 Resp: 347546
 Ion Ratio Lower Upper
 149 100
 91 71.4 57.8 86.8
 206 21.0 16.7 25.1





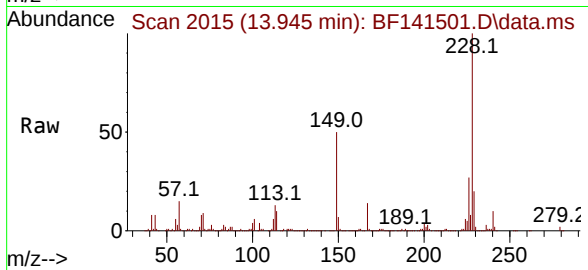
#81
Benzo(a)anthracene
Concen: 45.818 ng
RT: 13.945 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

Instrument :

BNA_F

ClientSampleId :

PB166567BS

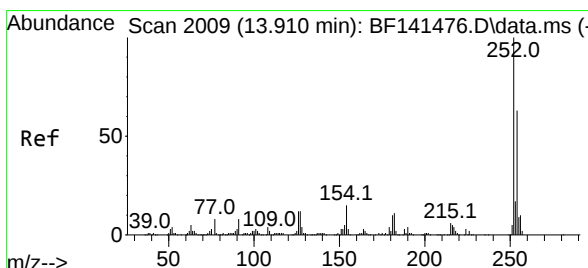
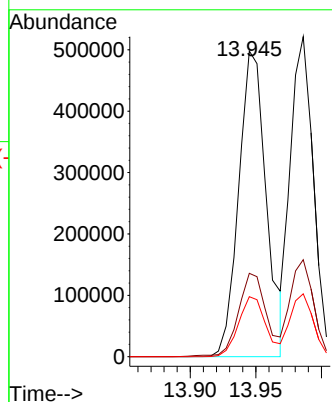
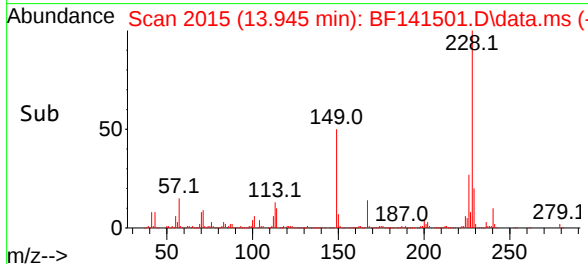


Tgt Ion:228 Resp: 73055
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 19.7 15.8 23.6

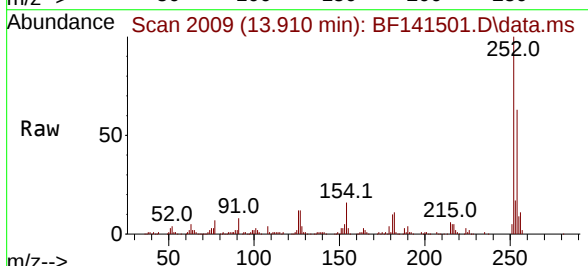
Manual Integrations

APPROVED

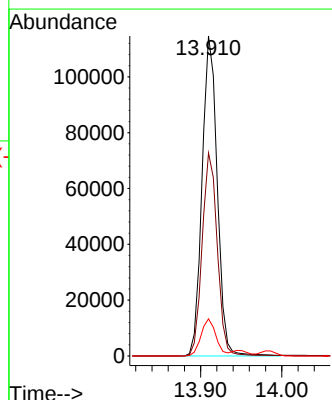
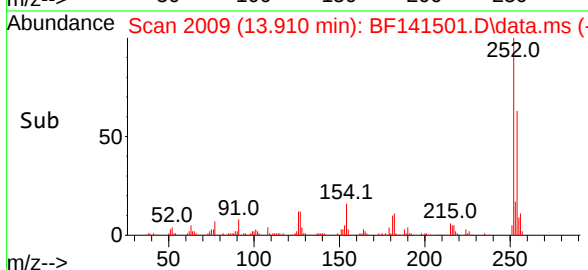
Reviewed By :Rahul Chavli 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

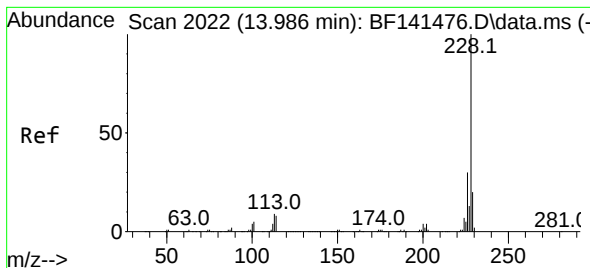


#82
3,3'-Dichlorobenzidine
Concen: 32.567 ng
RT: 13.910 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06



Tgt Ion:252 Resp: 148747
Ion Ratio Lower Upper
252 100
254 63.5 50.6 76.0
126 11.6 9.3 13.9





#83

Chrysene

Concen: 43.035 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF141501.D

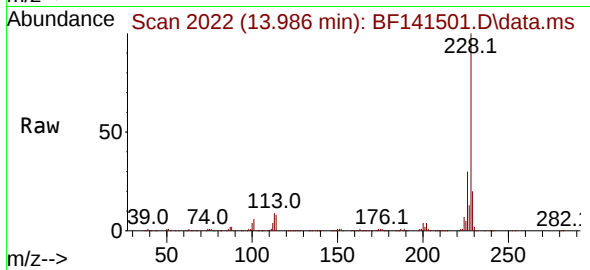
Acq: 07 Feb 2025 12:06

Instrument :

BNA_F

ClientSampleId :

PB166567BS



Tgt Ion:228 Resp: 633579

Ion Ratio Lower Upper

228 100

226 30.3 24.0 36.0

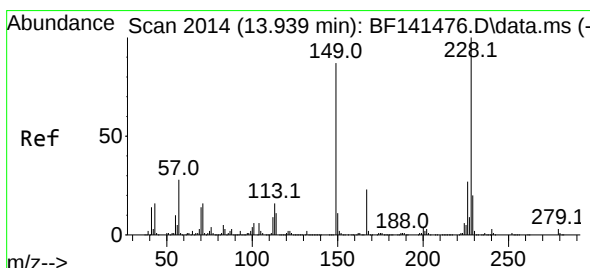
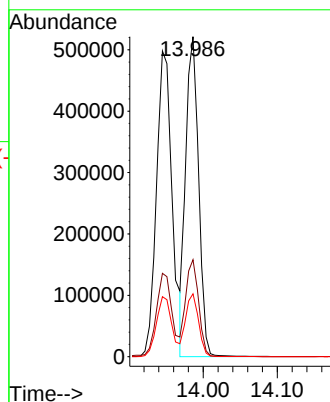
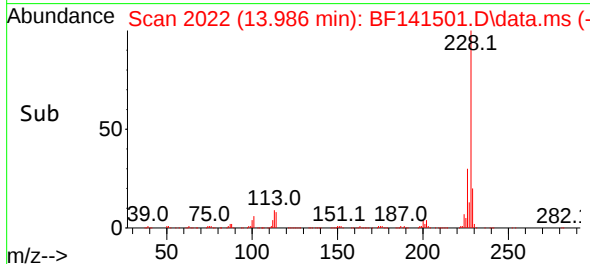
229 19.6 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 02/10/2025

Supervised By :mohammad ahmed 02/12/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.101 ng

RT: 13.939 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF141501.D

Acq: 07 Feb 2025 12:06

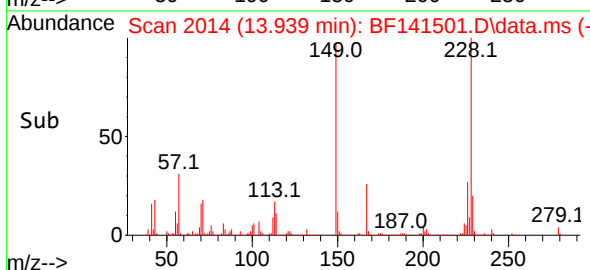
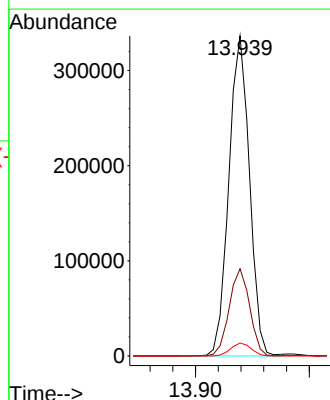
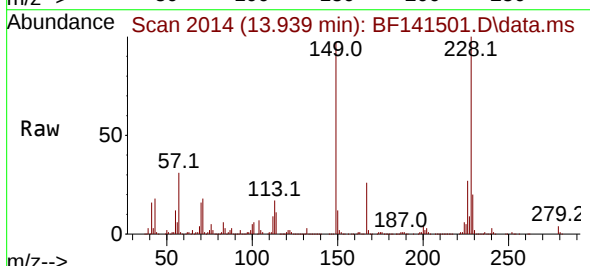
Tgt Ion:149 Resp: 423571

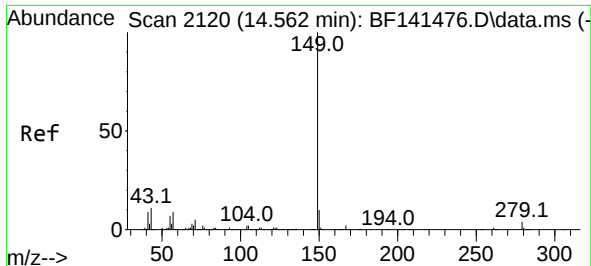
Ion Ratio Lower Upper

149 100

167 27.2 21.4 32.0

279 4.0 3.1 4.7





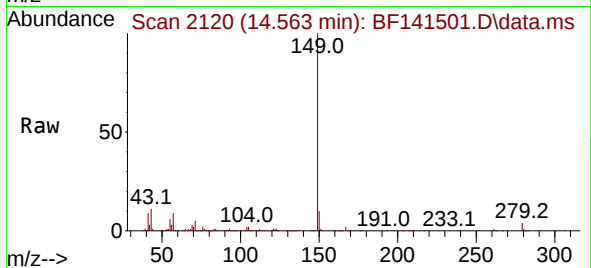
#85
Di-n-octyl phthalate
Concen: 51.751 ng
RT: 14.563 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

Instrument :

BNA_F

ClientSampleId :

PB166567BS

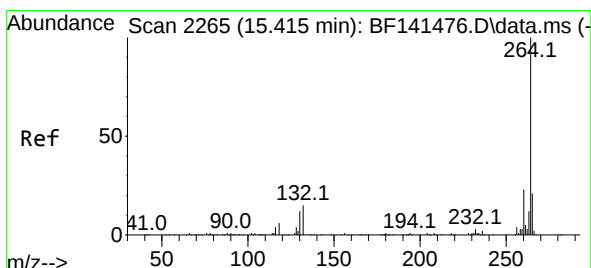
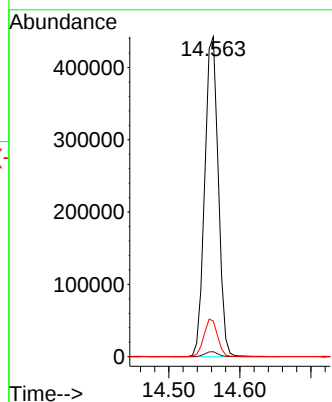
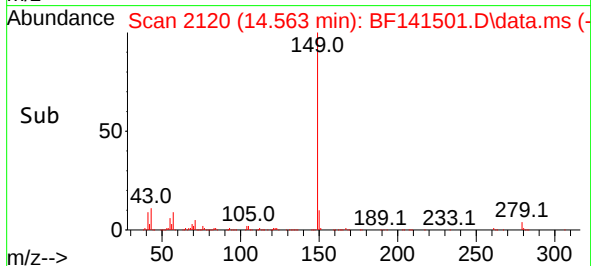


Tgt Ion:149 Resp: 588899
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.7 9.5 14.3

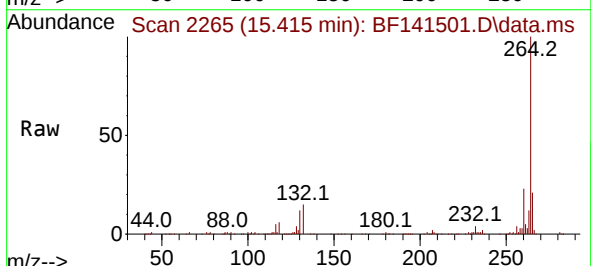
Manual Integrations

APPROVED

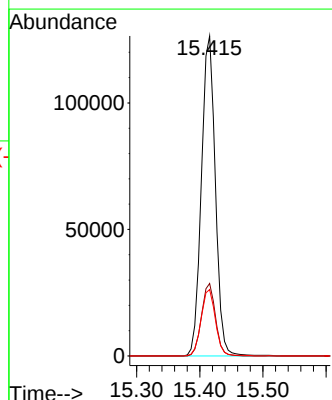
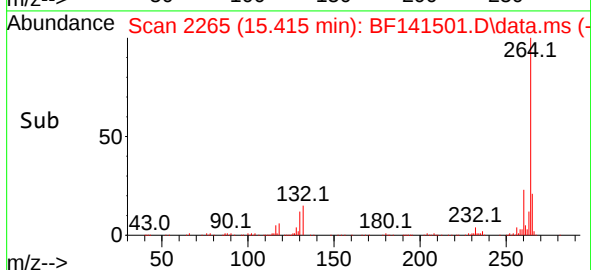
Reviewed By :Rahul Chavli 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

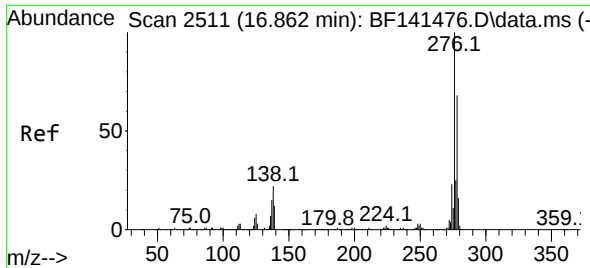


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.415 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06



Tgt Ion:264 Resp: 194232
Ion Ratio Lower Upper
264 100
260 22.6 18.6 28.0
265 20.8 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 45.489 ng
RT: 16.857 min Scan# 2193
Delta R.T. -0.017 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

Instrument :

BNA_F

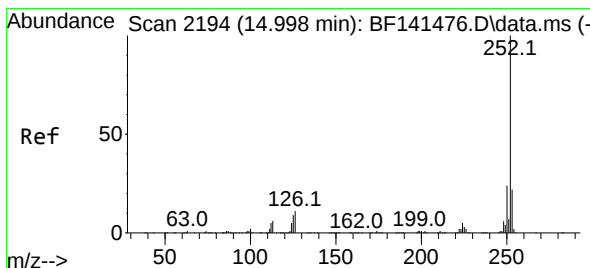
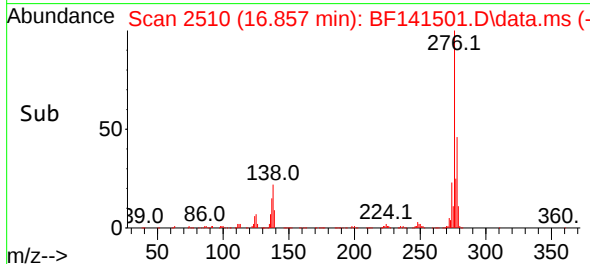
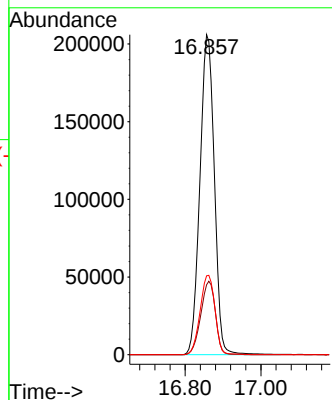
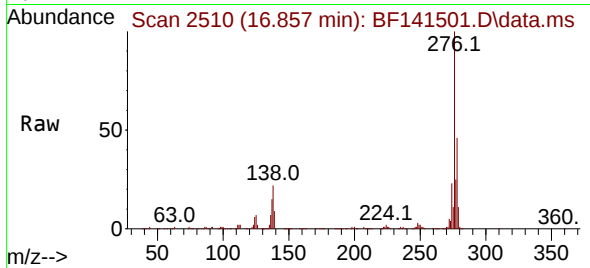
ClientSampleId :

PB166567BS

Tgt Ion:276 Resp: 54593
Ion Ratio Lower Upper
276 100
138 23.0 18.0 27.0
277 25.5 20.4 30.6

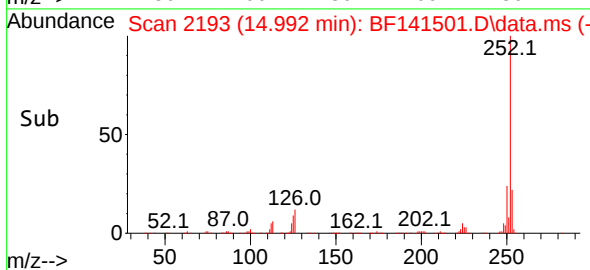
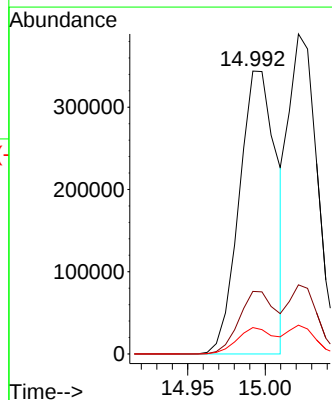
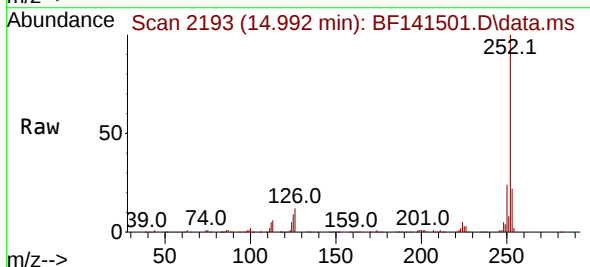
Manual Integrations
APPROVED

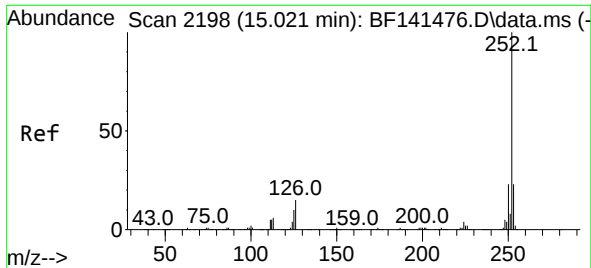
Reviewed By :Rahul Chavli 02/10/2025
Supervised By :mohammad ahmed 02/12/2025



#88
Benzo(b)fluoranthene
Concen: 44.068 ng
RT: 14.992 min Scan# 2193
Delta R.T. -0.012 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

Tgt Ion:252 Resp: 574722
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 9.3 7.0 10.6





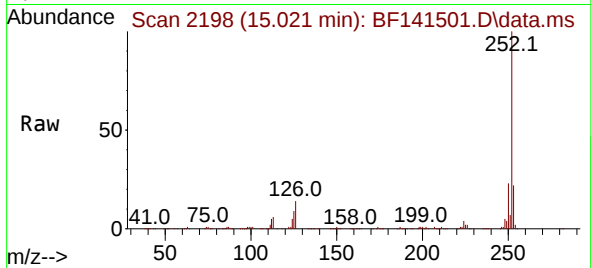
#89
Benzo(k)fluoranthene
Concen: 44.918 ng
RT: 15.021 min Scan# 2198
Delta R.T. -0.012 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

Instrument :

BNA_F

ClientSampleId :

PB166567BS

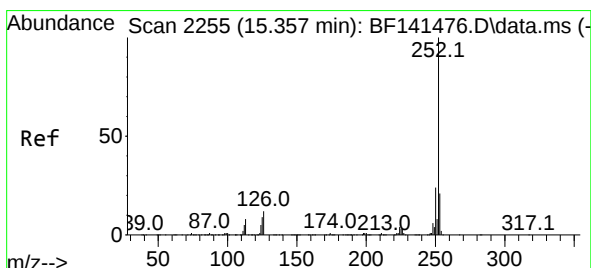
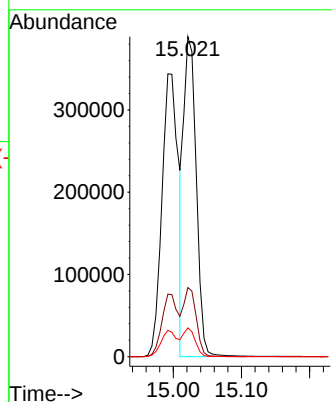
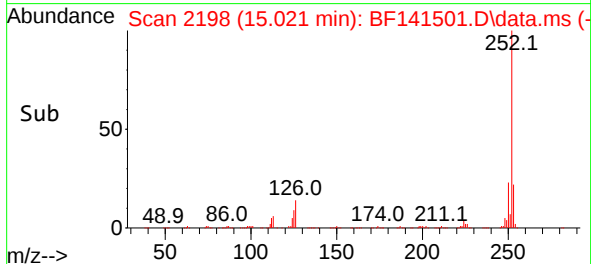


Tgt Ion:252 Resp: 500225
Ion Ratio Lower Upper
252 100
253 21.6 18.0 27.0
125 9.0 7.4 11.0

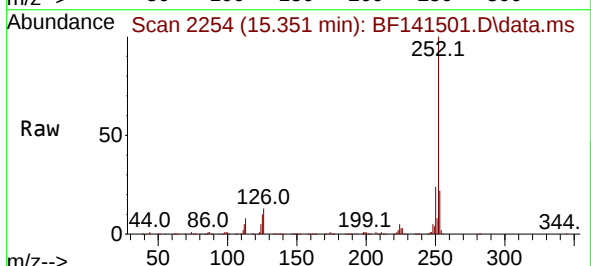
Manual Integrations

APPROVED

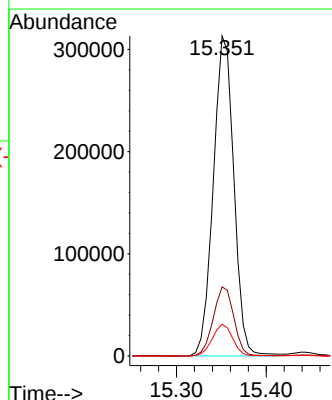
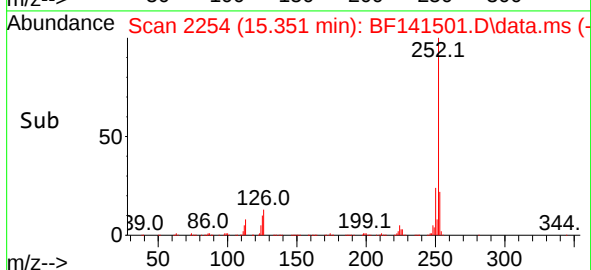
Reviewed By :Rahul Chavli 02/10/2025
Supervised By :mohammad ahmed 02/12/2025



#90
Benzo(a)pyrene
Concen: 47.212 ng
RT: 15.351 min Scan# 2254
Delta R.T. -0.012 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06



Tgt Ion:252 Resp: 498225
Ion Ratio Lower Upper
252 100
253 21.6 17.1 25.7
125 9.9 7.4 11.2





#91
Dibenzo(a,h)anthracene
Concen: 45.041 ng
RT: 16.874 min Scan# 2513
Delta R.T. -0.017 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

Instrument :

BNA_F

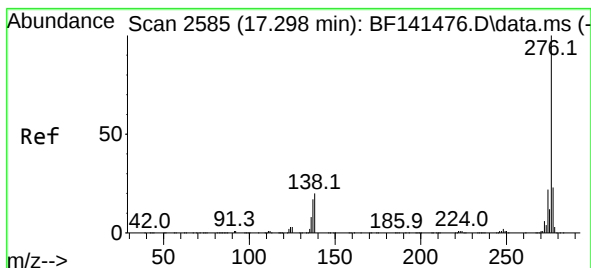
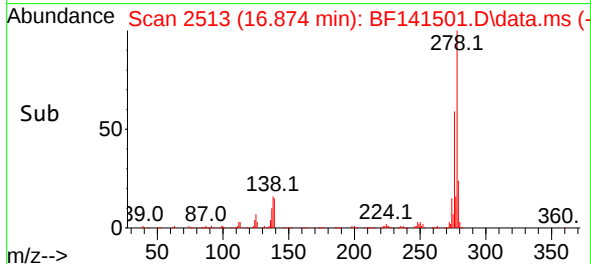
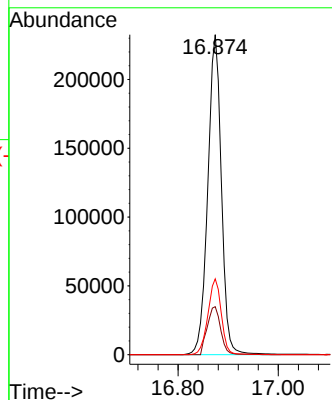
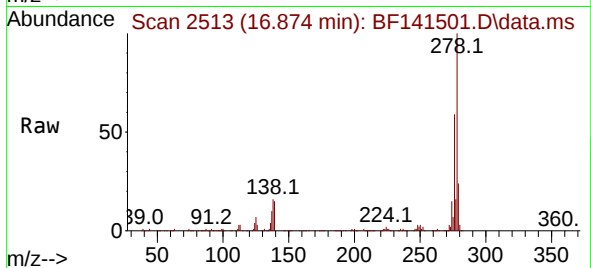
ClientSampleId :

PB166567BS

Tgt Ion:278 Resp: 43800
Ion Ratio Lower Upper
278 100
139 15.0 11.8 17.6
279 23.7 19.1 28.7

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 02/10/2025
Supervised By :mohammad ahmed 02/12/2025



#92
Benzo(g,h,i)perylene
Concen: 41.446 ng
RT: 17.292 min Scan# 2584
Delta R.T. -0.023 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

Tgt Ion:276 Resp: 421766
Ion Ratio Lower Upper
276 100
277 24.2 18.6 28.0
138 19.9 15.9 23.9

