

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022725\
 Data File : BF141794.D
 Acq On : 27 Feb 2025 15:46
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/28/2025
 Supervised By :mohammad ahmed 02/28/2025

Quant Time: Feb 28 01:23:30 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 28 01:19:57 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	281554	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1128074	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	643922	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	1101046	20.000	ng	0.00
76) Chrysene-d12	14.045	240	852555	20.000	ng	0.00
86) Perylene-d12	15.521	264	648925	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	189803	10.766	ng	0.00
7) Phenol-d6	6.493	99	246391	10.737	ng	-0.02
23) Nitrobenzene-d5	7.440	82	139940	7.929	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	56406	9.331	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	464621	11.570	ng	0.00
79) Terphenyl-d14	12.992	244	532855	10.112	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.687	88	43124	5.391	ng	98
3) Pyridine	3.458	79	98722	4.960	ng	97
4) n-Nitrosodimethylamine	3.381	42	44659	4.663	ng	# 97
6) Aniline	6.546	93	122918m	5.180	ng	
8) 2-Chlorophenol	6.663	128	101533	5.324	ng	98
9) Benzaldehyde	6.434	77	81024	6.070	ng	99
10) Phenol	6.504	94	130523m	5.339	ng	
11) bis(2-Chloroethyl)ether	6.616	93	96953	5.187	ng	100
12) 1,3-Dichlorobenzene	6.828	146	108688	5.321	ng	99
13) 1,4-Dichlorobenzene	6.904	146	109382	5.315	ng	99
14) 1,2-Dichlorobenzene	7.057	146	105070	5.468	ng	98
15) Benzyl Alcohol	7.016	79	94845	5.172	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	150528	5.303	ng	100
17) 2-Methylphenol	7.122	107	81304	5.165	ng	97
18) Hexachloroethane	7.404	117	39359	5.110	ng	99
19) n-Nitroso-di-n-propyla...	7.287	70	79943	5.300	ng	99
20) 3+4-Methylphenols	7.275	107	106084	5.412	ng	93
22) Acetophenone	7.287	105	152122	5.537	ng	# 97
24) Nitrobenzene	7.463	77	76930	4.071	ng	96
25) Isophorone	7.698	82	197960	5.221	ng	99
26) 2-Nitrophenol	7.781	139	22354	6.947	ng	97
27) 2,4-Dimethylphenol	7.810	122	72631	5.211	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	130473	5.395	ng	98
29) 2,4-Dichlorophenol	8.016	162	79008	4.914	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	92399	5.244	ng	98
31) Naphthalene	8.192	128	321546	5.546	ng	98
33) 4-Chloroaniline	8.234	127	113407	5.335	ng	98
34) Hexachlorobutadiene	8.310	225	56205	5.134	ng	99
35) Caprolactam	8.557	113	24467	4.946	ng	95
36) 4-Chloro-3-methylphenol	8.698	107	93983	5.262	ng	97
37) 2-Methylnaphthalene	8.881	142	214971	5.653	ng	97
38) 1-Methylnaphthalene	8.981	142	207097	5.676	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	98100	5.275	ng	97
41) Hexachlorocyclopentadiene	9.034	237	34990	4.508	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	57097	4.753	ng	98
44) 2,4,5-Trichlorophenol	9.187	196	55979	4.706	ng	98

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Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/28/2025
 Supervised By :mohammad ahmed 02/28/2025

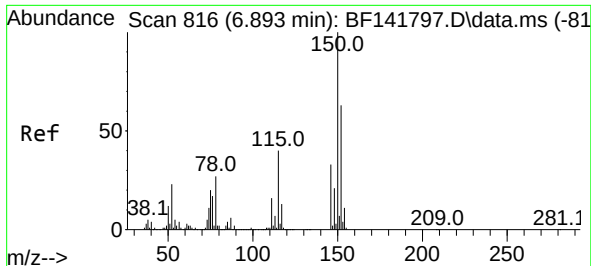
Quant Time: Feb 28 01:23:30 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 28 01:19:57 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.345	154	272648	5.563	ng	97
47) 2-Chloronaphthalene	9.369	162	194915	5.388	ng	97
48) 2-Nitroaniline	9.457	65	24463	6.586	ng	98
49) Acenaphthylene	9.781	152	297257	5.481	ng	98
50) Dimethylphthalate	9.639	163	230425	5.344	ng	99
51) 2,6-Dinitrotoluene	9.698	165	21902	5.327	ng	98
52) Acenaphthene	9.957	154	195912	5.353	ng	97
53) 3-Nitroaniline	9.863	138	23458	5.471	ng	# 83
55) Dibenzofuran	10.128	168	297756	5.590	ng	96
56) 4-Nitrophenol	10.004	139	20838	3.272	ng	91
57) 2,4-Dinitrotoluene	10.098	165	24255	5.755	ng	# 96
58) Fluorene	10.469	166	230713	5.782	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	50417	4.873	ng	99
60) Diethylphthalate	10.339	149	230060	5.322	ng	98
61) 4-Chlorophenyl-phenyle...	10.463	204	111169	5.561	ng	98
62) 4-Nitroaniline	10.469	138	24006	3.260	ng	# 84
63) Azobenzene	10.622	77	248519	5.460	ng	98
66) n-Nitrosodiphenylamine	10.575	169	193204	5.344	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	66312	5.156	ng	99
68) Hexachlorobenzene	11.016	284	69598	5.125	ng	100
69) Atrazine	11.098	200	58634	5.897	ng	98
70) Pentachlorophenol	11.204	266	37669	4.373	ng	99
71) Phenanthrene	11.433	178	326529	5.544	ng	99
72) Anthracene	11.481	178	331149	5.610	ng	98
73) Carbazole	11.633	167	295693	5.673	ng	98
74) Di-n-butylphthalate	11.969	149	367349	5.560	ng	99
75) Fluoranthene	12.622	202	353684	5.861	ng	97
78) Pyrene	12.845	202	361938	4.903	ng	98
80) Butylbenzylphthalate	13.469	149	116439	4.341	ng	99
81) Benzo(a)anthracene	14.033	228	291373	5.174	ng	98
82) 3,3'-Dichlorobenzidine	13.998	252	86483	5.353	ng	97
83) Chrysene	14.069	228	277632	5.348	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	149689	4.482	ng	99
85) Di-n-octyl phthalate	14.645	149	192390	3.848	ng	99
87) Indeno(1,2,3-cd)pyrene	16.998	276	178035	4.309	ng	99
88) Benzo(b)fluoranthene	15.086	252	233991	5.294	ng	98
89) Benzo(k)fluoranthene	15.116	252	206614	5.499	ng	100
90) Benzo(a)pyrene	15.451	252	180486	5.091	ng	99
91) Dibenzo(a,h)anthracene	17.021	278	146279	4.337	ng	97
92) Benzo(g,h,i)perylene	17.445	276	145755	4.218	ng	99

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

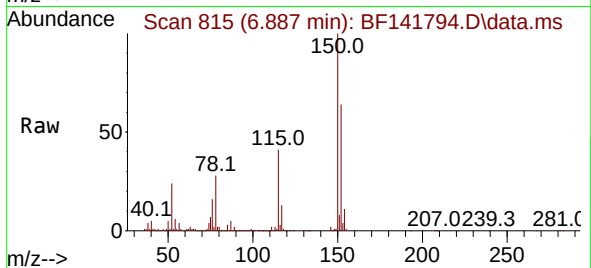
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025

[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF141794.D
Acq: 27 Feb 2025 15:46

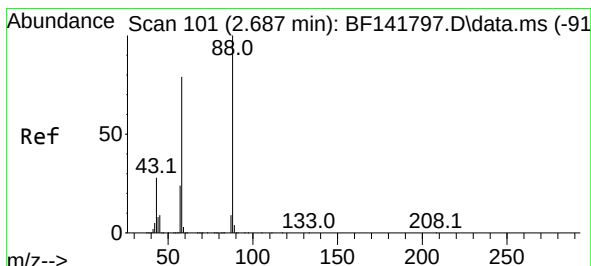
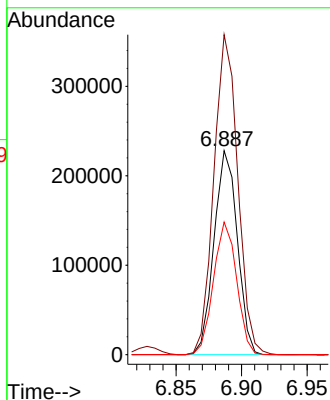
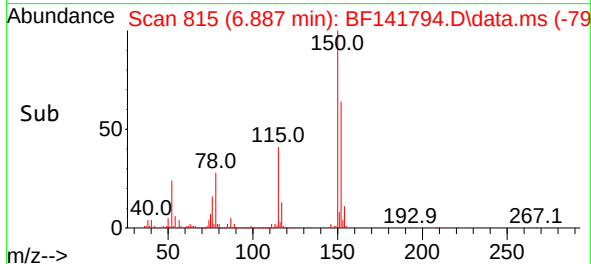
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:152 Resp: 281554
Ion Ratio Lower Upper
152 100
150 156.8 127.5 191.3
115 65.0 51.4 77.2

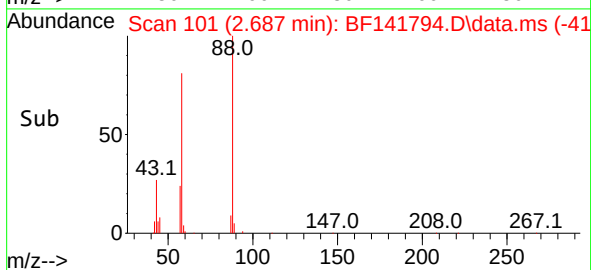
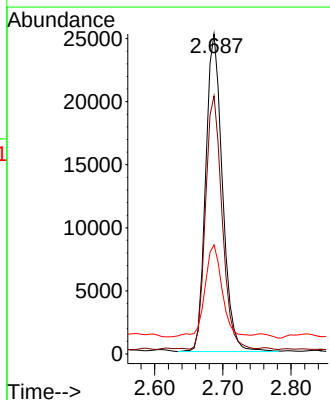
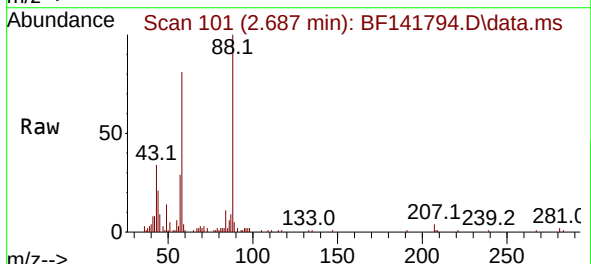
Manual Integrations
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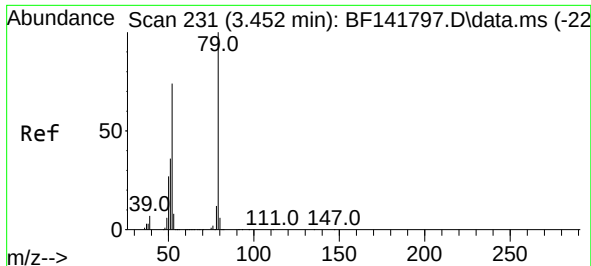
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025



#2
1,4-Dioxane
Concen: 5.391 ng
RT: 2.687 min Scan# 101
Delta R.T. -0.000 min
Lab File: BF141794.D
Acq: 27 Feb 2025 15:46

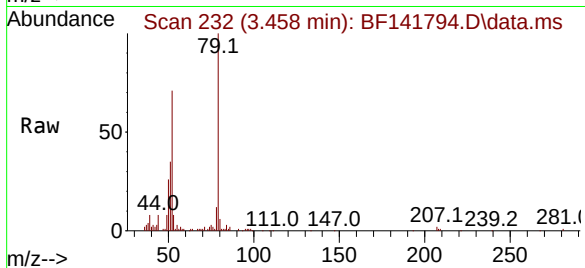
Tgt Ion: 88 Resp: 43124
Ion Ratio Lower Upper
88 100
58 78.5 63.9 95.9
43 29.6 23.0 34.6





#3
 Pyridine
 Concen: 4.960 ng
 RT: 3.458 min Scan# 219
 Delta R.T. 0.006 min
 Lab File: BF141794.D
 Acq: 27 Feb 2025 15:46

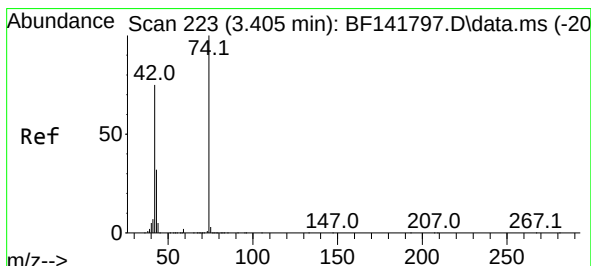
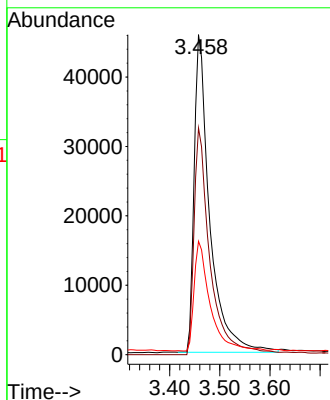
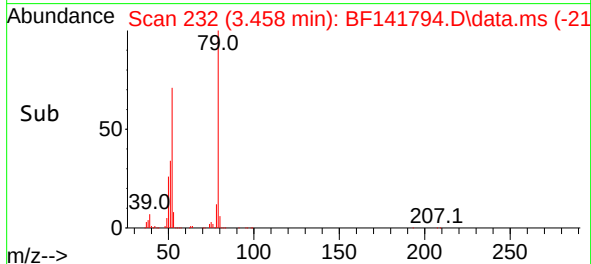
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005



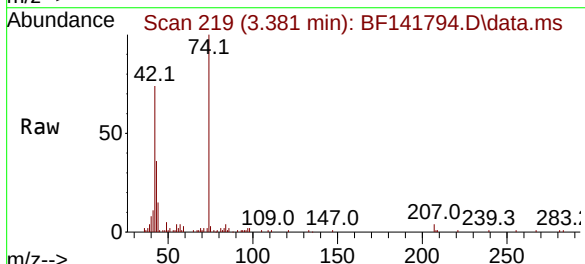
Tgt Ion: 79 Resp: 9872
 Ion Ratio Lower Upper
 79 100
 52 70.9 59.0 88.4
 51 35.5 29.0 43.4

Manual Integrations
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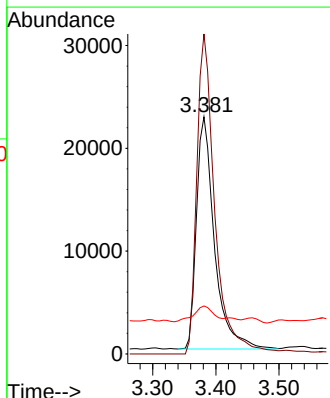
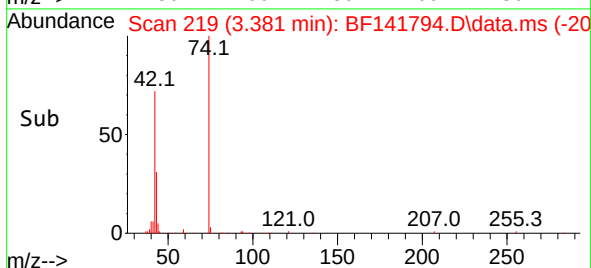
Reviewed By :Yogesh Patel 02/28/2025
 Supervised By :mohammad ahmed 02/28/2025

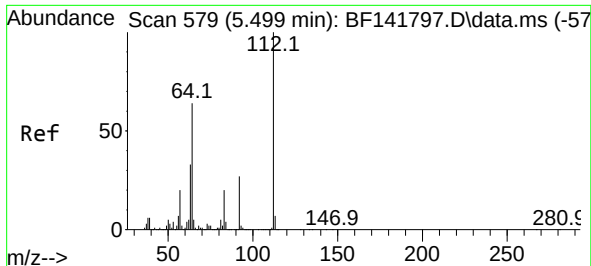


#4
 n-Nitrosodimethylamine
 Concen: 4.663 ng
 RT: 3.381 min Scan# 219
 Delta R.T. -0.024 min
 Lab File: BF141794.D
 Acq: 27 Feb 2025 15:46



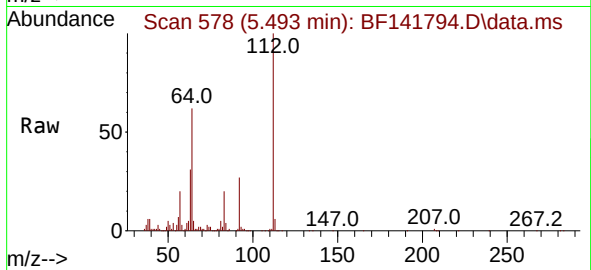
Tgt Ion: 42 Resp: 44659
 Ion Ratio Lower Upper
 42 100
 74 134.9 107.1 160.7
 44 20.2 6.6 9.8





#5
2-Fluorophenol
Concen: 10.766 ng
RT: 5.493 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF141794.D
Acq: 27 Feb 2025 15:46

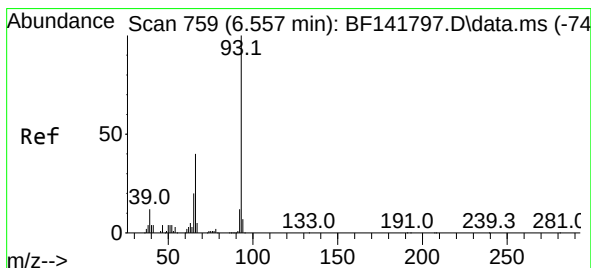
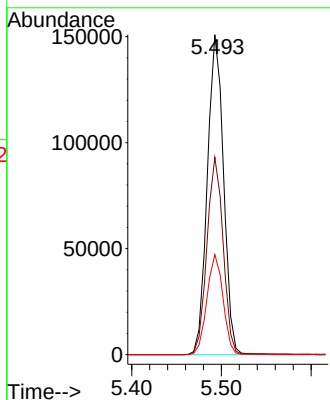
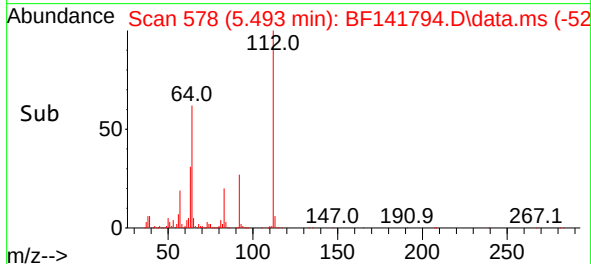
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion: 112 Resp: 18980
Ion Ratio Lower Upper
112 100
64 61.7 51.3 76.9
63 31.3 26.2 39.4

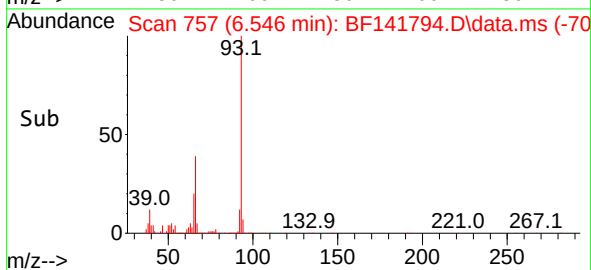
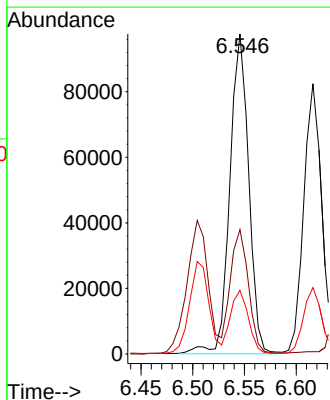
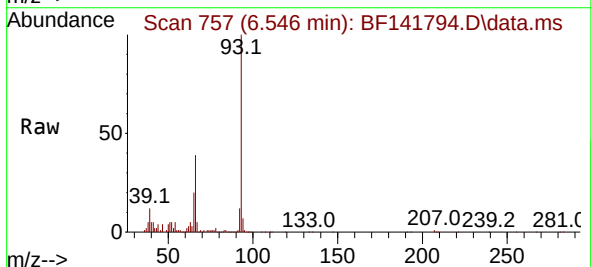
Manual Integrations
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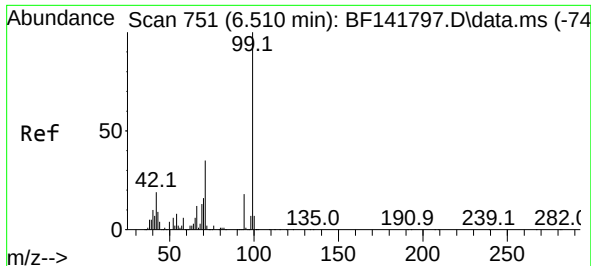
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025



#6
Aniline
Concen: 5.180 ng m
RT: 6.546 min Scan# 757
Delta R.T. -0.012 min
Lab File: BF141794.D
Acq: 27 Feb 2025 15:46

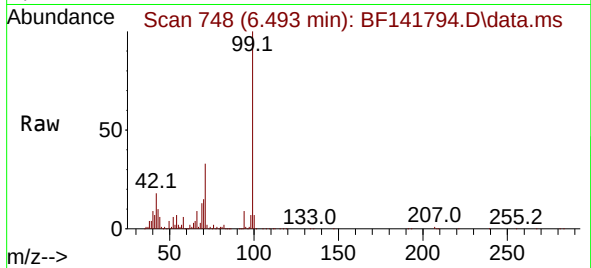
Tgt Ion: 93 Resp: 122918
Ion Ratio Lower Upper
93 100
66 38.8 32.3 48.5
65 19.9 15.9 23.9





#7
Phenol-d6
Concen: 10.737 ng
RT: 6.493 min Scan# 741
Delta R.T. -0.018 min
Lab File: BF141794.D
Acq: 27 Feb 2025 15:46

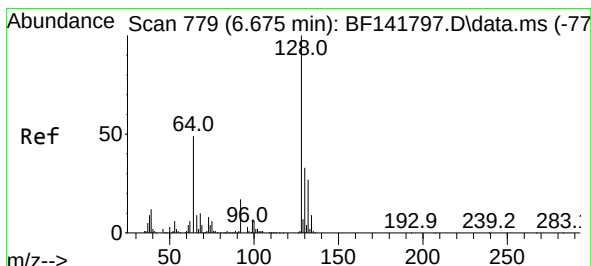
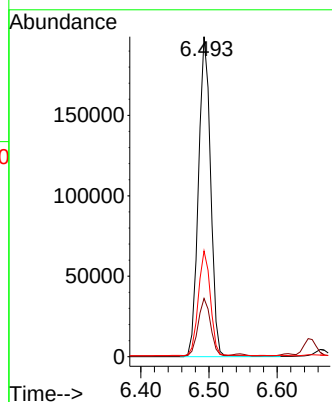
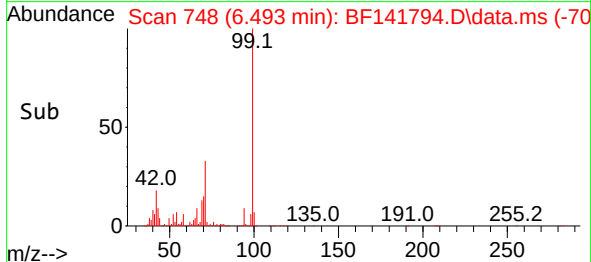
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



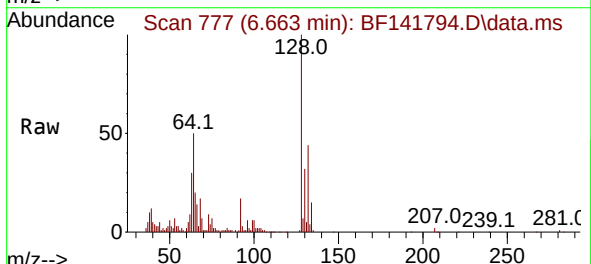
Tgt Ion: 99 Resp: 24639
Ion Ratio Lower Upper
99 100
42 18.2 15.2 22.8
71 33.0 28.2 42.2

Manual Integrations
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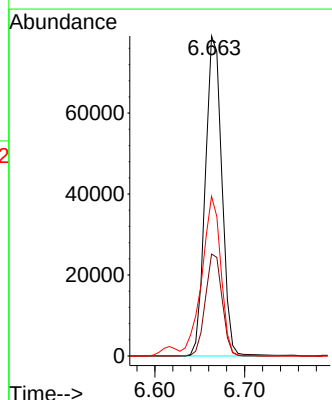
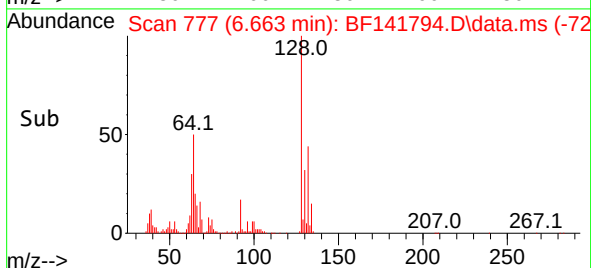
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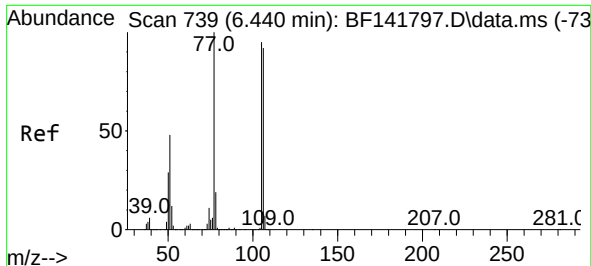


#8
2-Chlorophenol
Concen: 5.324 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.012 min
Lab File: BF141794.D
Acq: 27 Feb 2025 15:46



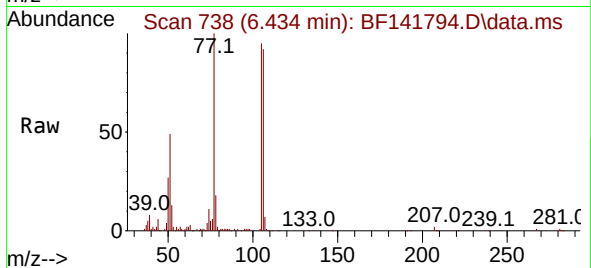
Tgt Ion:128 Resp: 101533
Ion Ratio Lower Upper
128 100
130 31.8 12.6 52.6
64 49.9 31.1 71.1





#9
Benzaldehyde
Concen: 6.070 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141794.D
Acq: 27 Feb 2025 15:46

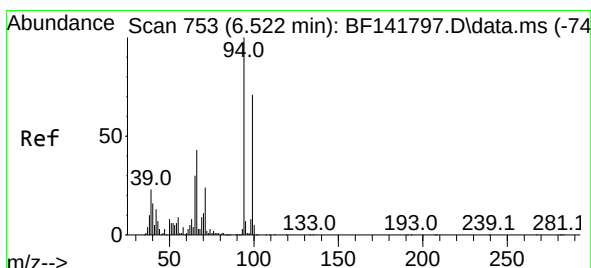
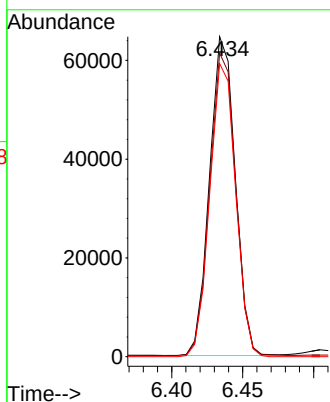
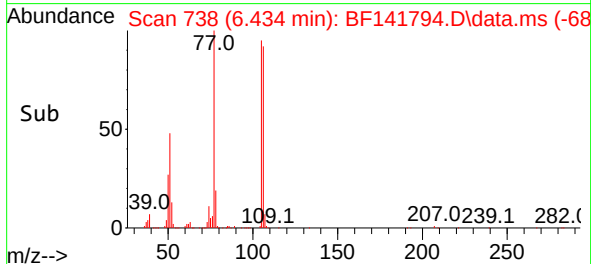
Instrument :
BNA_F
ClientSampleId :
SSTDIC005



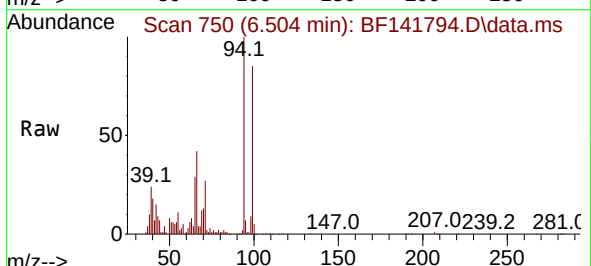
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Ion Ratio Lower Upper
77 100
105 94.9 75.3 115.3
106 91.6 72.3 112.3

Manual Integrations
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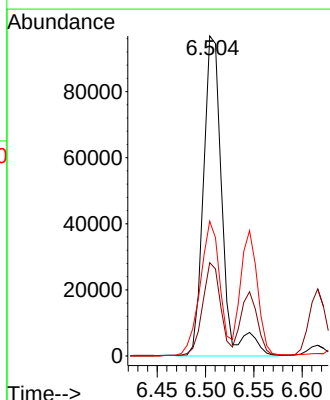
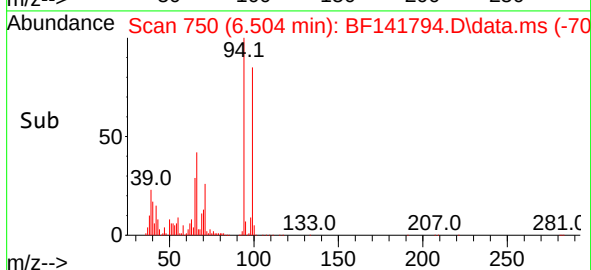
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025

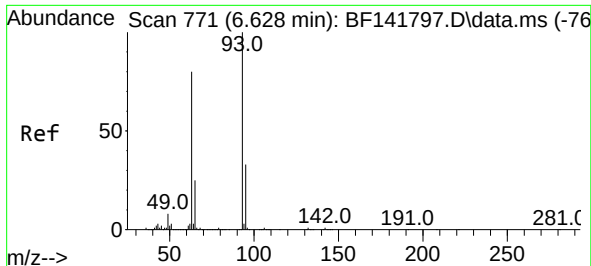


#10
Phenol
Concen: 5.339 ng m
RT: 6.504 min Scan# 750
Delta R.T. -0.018 min
Lab File: BF141794.D
Acq: 27 Feb 2025 15:46



Tgt Ion: 94 Resp: 130523
Ion Ratio Lower Upper
94 100
65 29.1 10.2 50.2
66 42.1 23.2 63.2





#11
bis(2-Chloroethyl)ether
Concen: 5.187 ng
RT: 6.616 min Scan# 70
Delta R.T. -0.012 min
Lab File: BF141794.D
Acq: 27 Feb 2025 15:46

Instrument :

BNA_F

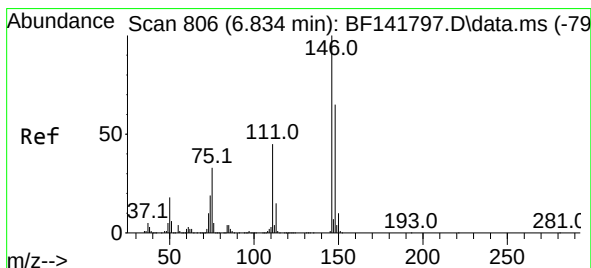
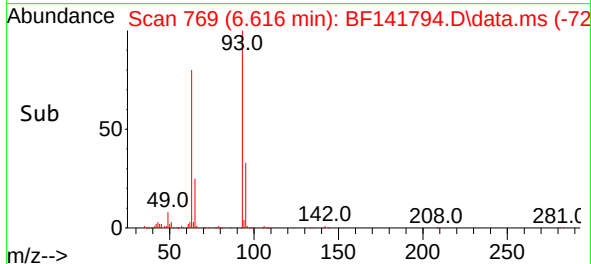
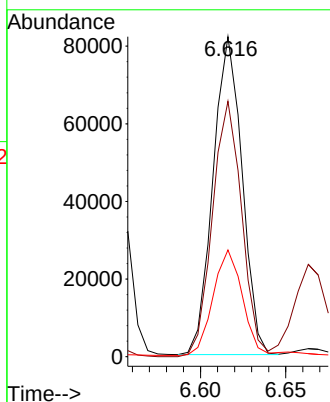
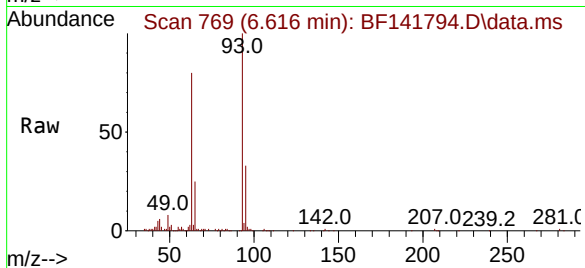
ClientSampleId :

SSTDICC005

Tgt Ion: 93 Resp: 9695
Ion Ratio Lower Upper
93 100
63 79.8 59.3 99.3
95 33.3 13.2 53.2

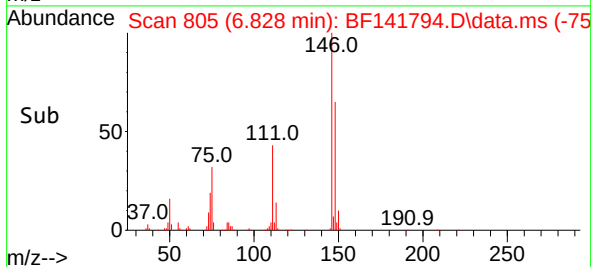
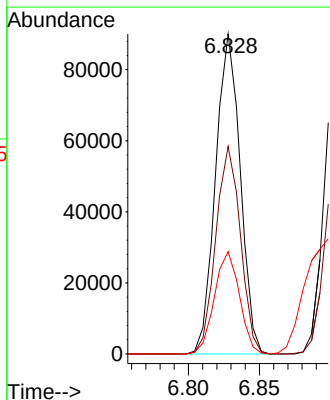
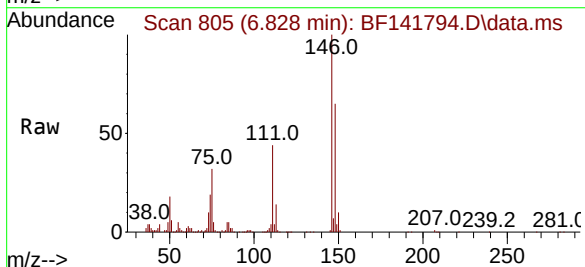
Manual Integrations
APPROVED

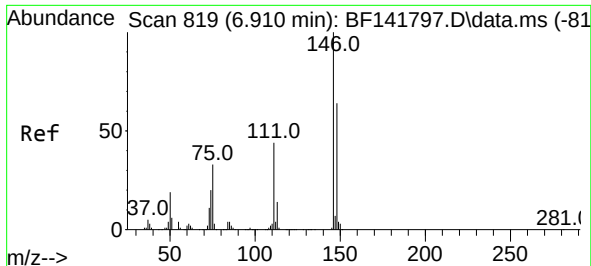
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025



#12
1,3-Dichlorobenzene
Concen: 5.321 ng
RT: 6.828 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF141794.D
Acq: 27 Feb 2025 15:46

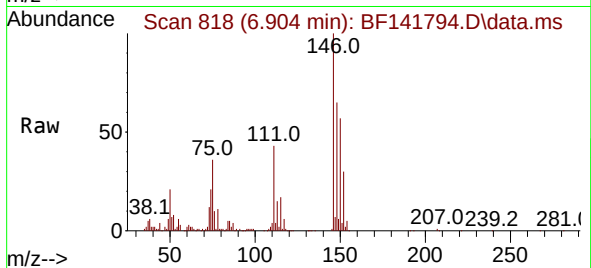
Tgt Ion:146 Resp: 108688
Ion Ratio Lower Upper
146 100
148 64.9 51.8 77.6
75 32.0 26.2 39.4





#13
1,4-Dichlorobenzene
Concen: 5.315 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF141794.D
Acq: 27 Feb 2025 15:46

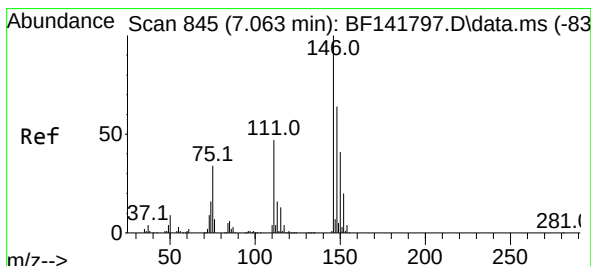
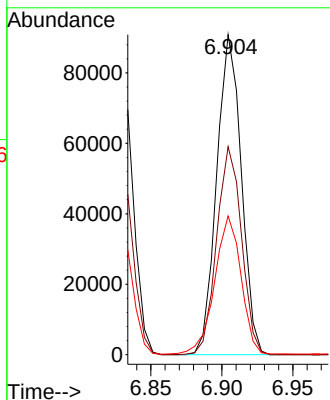
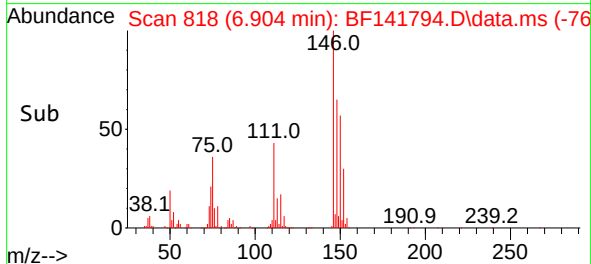
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



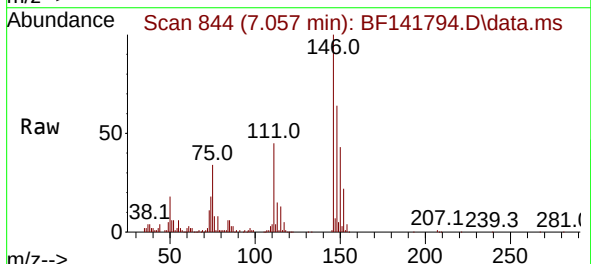
Tgt Ion:146 Resp: 10938
Ion Ratio Lower Upper
146 100
148 65.0 51.4 77.2
111 43.4 35.5 53.3

Manual Integrations
APPROVED

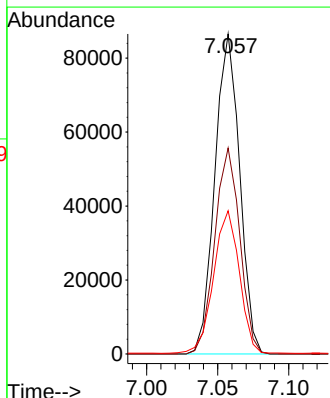
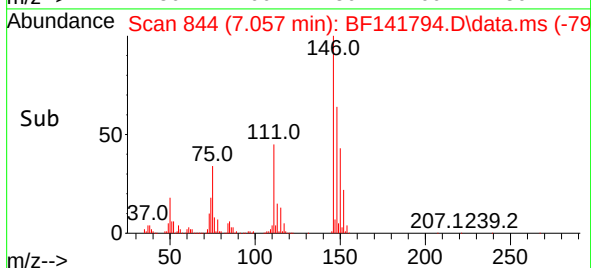
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025

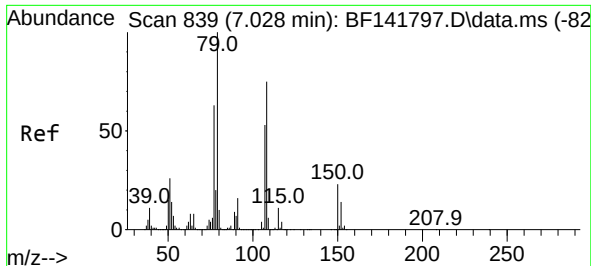


#14
1,2-Dichlorobenzene
Concen: 5.468 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF141794.D
Acq: 27 Feb 2025 15:46



Tgt Ion:146 Resp: 105070
Ion Ratio Lower Upper
146 100
148 64.4 51.2 76.8
111 44.8 37.8 56.6





#15
Benzyl Alcohol
Concen: 5.172 ng
RT: 7.016 min Scan# 811
Delta R.T. -0.012 min
Lab File: BF141794.D
Acq: 27 Feb 2025 15:46

Instrument :

BNA_F

ClientSampleId :

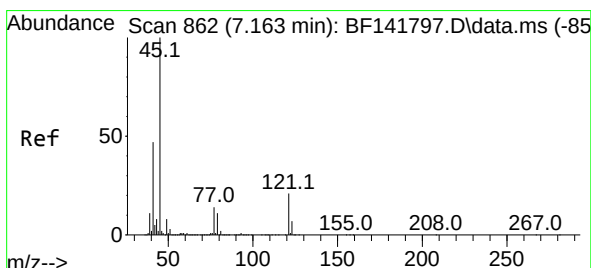
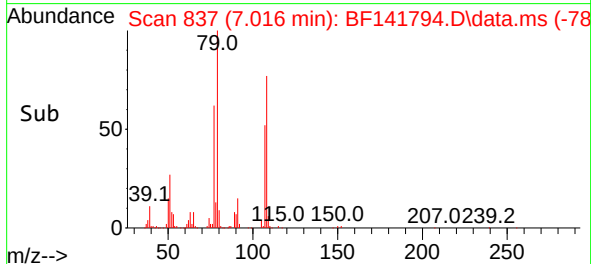
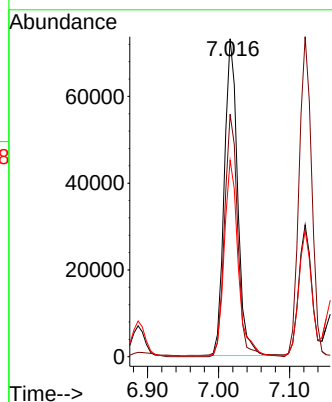
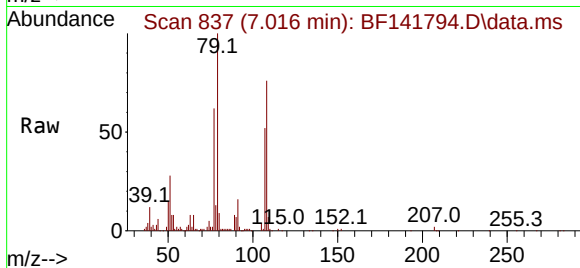
SSTDICC005

Tgt Ion: 79 Resp: 9484
Ion Ratio Lower Upper
79 100
108 76.3 60.2 90.2
77 61.8 50.2 75.2

Manual Integrations

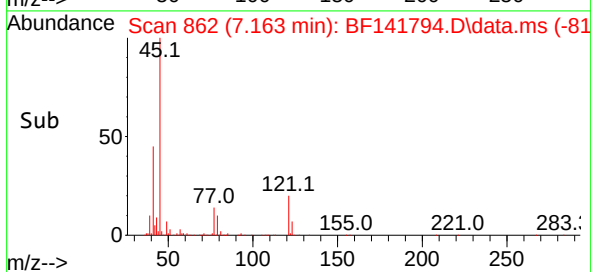
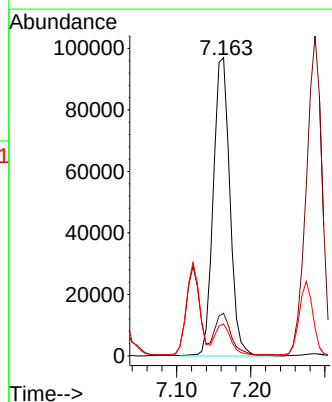
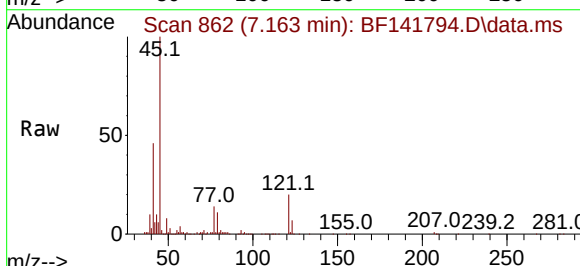
APPROVED

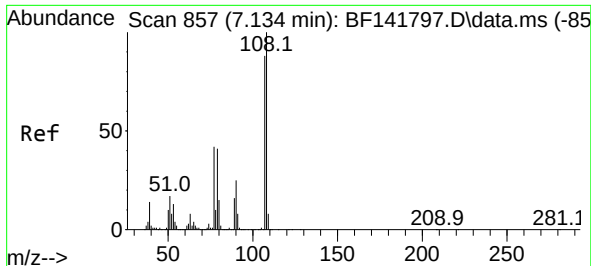
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.303 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.000 min
Lab File: BF141794.D
Acq: 27 Feb 2025 15:46

Tgt Ion: 45 Resp: 150528
Ion Ratio Lower Upper
45 100
77 14.3 0.0 34.4
79 10.7 0.0 30.9





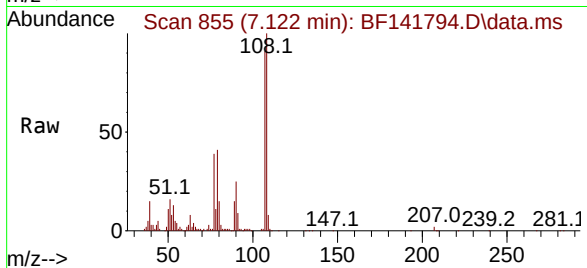
#17
2-Methylphenol
Concen: 5.165 ng
RT: 7.122 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141794.D
Acq: 27 Feb 2025 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

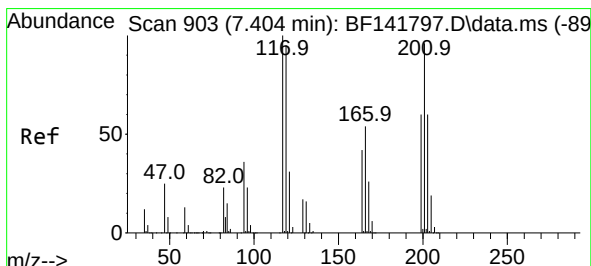
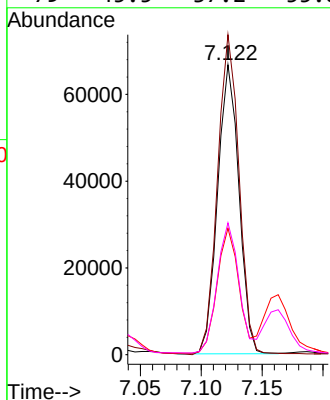
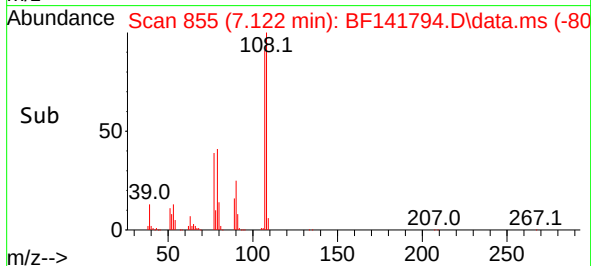


Tgt Ion:107 Resp: 81304
Ion Ratio Lower Upper
107 100
108 110.4 90.6 135.8
77 43.6 37.7 56.5
79 45.5 37.2 55.8

Manual Integrations

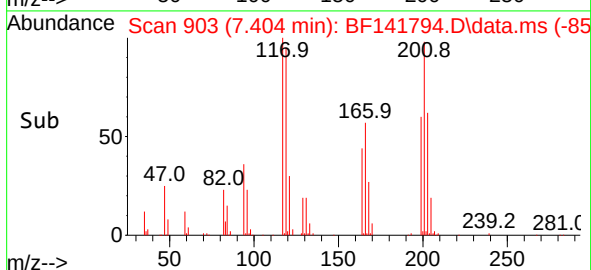
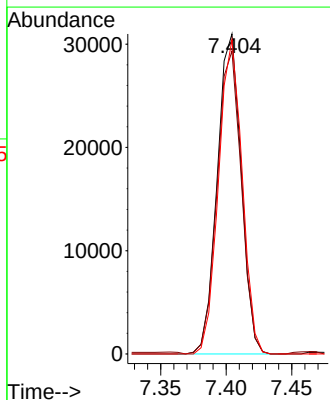
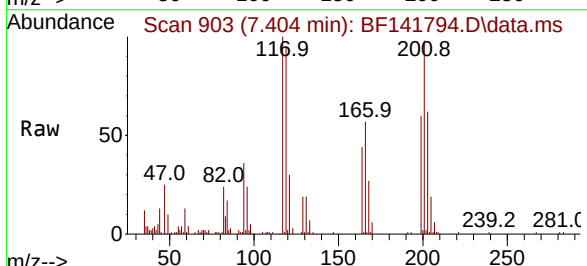
APPROVED

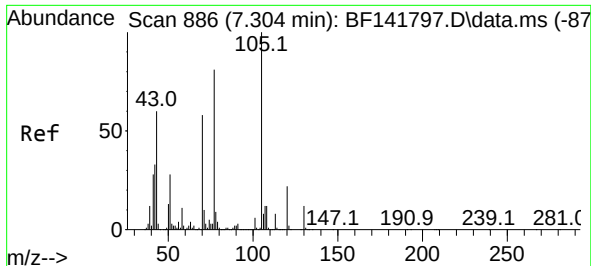
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025



#18
Hexachloroethane
Concen: 5.110 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.000 min
Lab File: BF141794.D
Acq: 27 Feb 2025 15:46

Tgt Ion:117 Resp: 39359
Ion Ratio Lower Upper
117 100
119 94.7 75.8 113.8
201 98.2 76.7 115.1





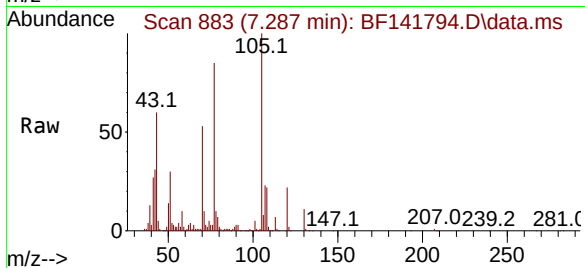
#19
n-Nitroso-di-n-propylamine
Concen: 5.300 ng
RT: 7.287 min Scan# 886
Delta R.T. -0.018 min
Lab File: BF141794.D
Acq: 27 Feb 2025 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

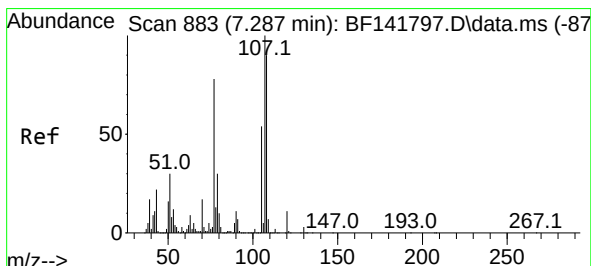
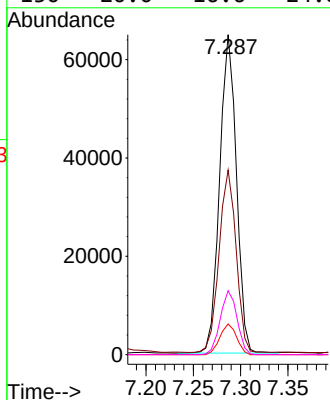
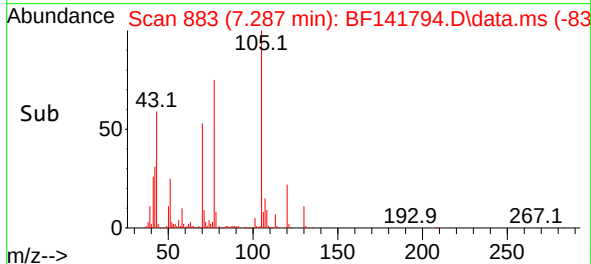


Tgt Ion: 70 Resp: 7994.3
Ion Ratio Lower Upper
70 100
42 57.7 45.4 68.0
101 9.6 7.8 11.8
130 20.0 16.6 24.8

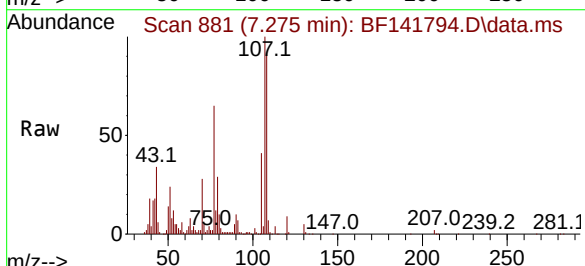
Manual Integrations

APPROVED

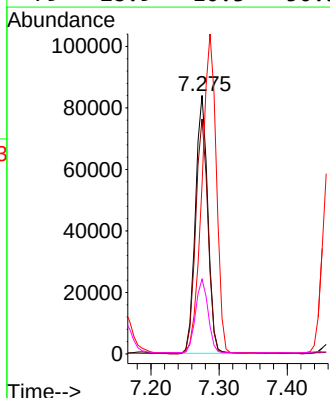
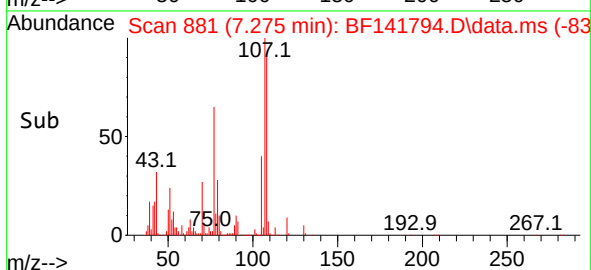
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025

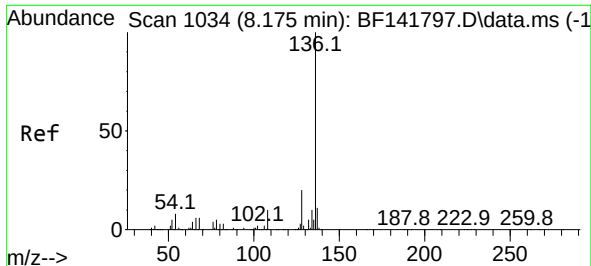


#20
3+4-Methylphenols
Concen: 5.412 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF141794.D
Acq: 27 Feb 2025 15:46



Tgt Ion:107 Resp: 106084
Ion Ratio Lower Upper
107 100
108 90.9 69.7 109.7
77 65.5 58.3 98.3
79 28.9 10.3 50.3





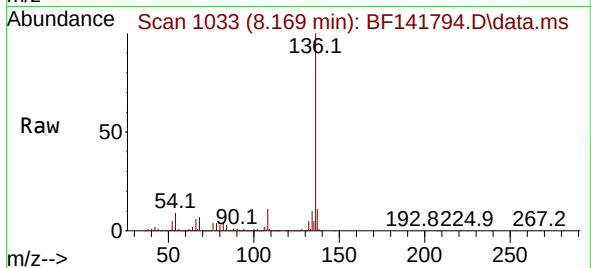
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF141794.D
Acq: 27 Feb 2025 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



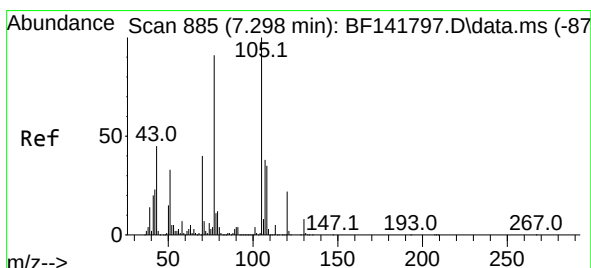
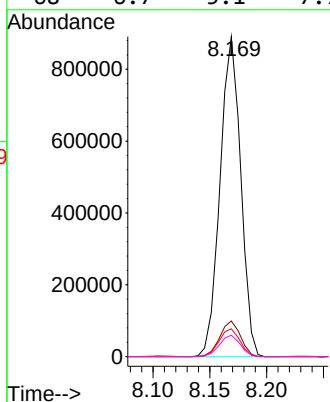
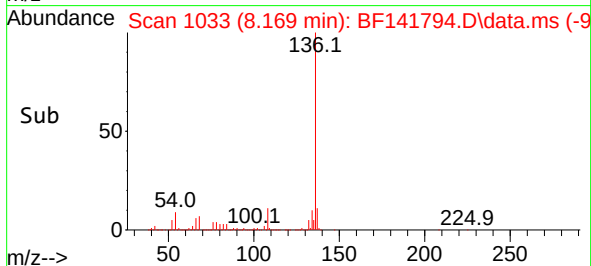
Tgt Ion:136 Resp: 1128074
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 8.7 6.9 10.3
68 6.7 5.1 7.7

Manual Integrations

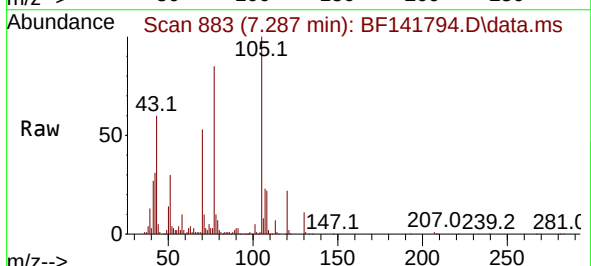
APPROVED

Reviewed By :Yogesh Patel 02/28/2025

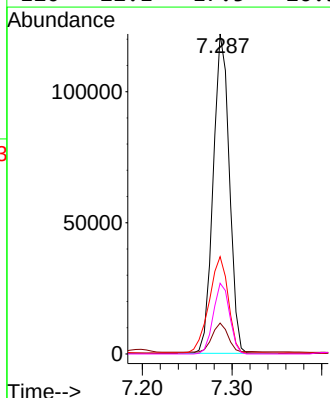
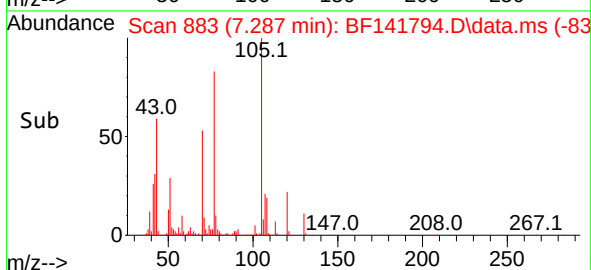
Supervised By :mohammad ahmed 02/28/2025

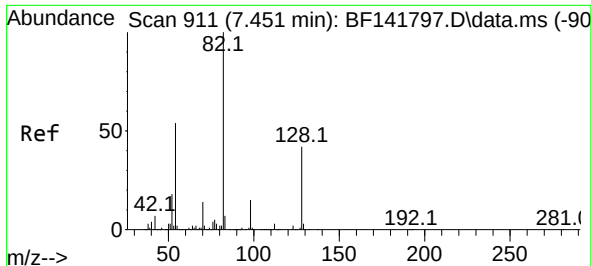


#22
Acetophenone
Concen: 5.537 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.012 min
Lab File: BF141794.D
Acq: 27 Feb 2025 15:46



Tgt Ion:105 Resp: 152122
Ion Ratio Lower Upper
105 100
71 9.7 5.4 8.0#
51 30.4 26.1 39.1
120 22.1 17.5 26.3





#23
Nitrobenzene-d5
Concen: 7.929 ng
RT: 7.440 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF141794.D
Acq: 27 Feb 2025 15:46

Instrument :

BNA_F

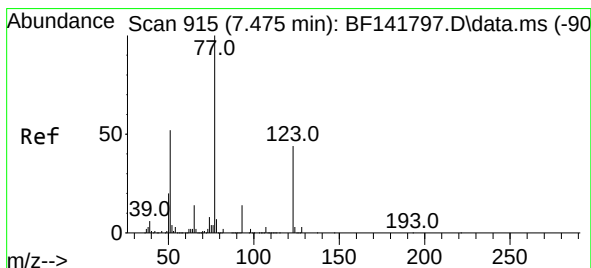
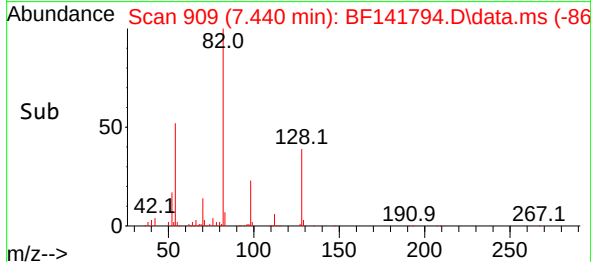
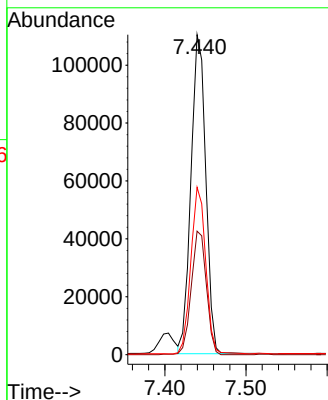
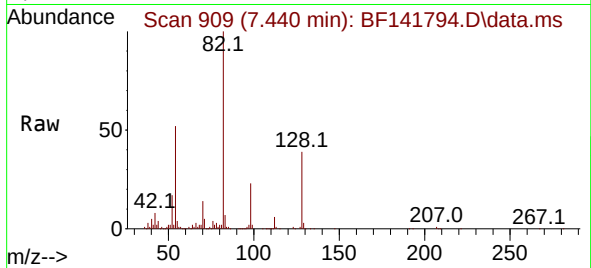
ClientSampleId :

SSTDICC005

Tgt Ion: 82 Resp: 139940
Ion Ratio Lower Upper
82 100
128 38.6 33.5 50.3
54 52.3 42.7 64.1

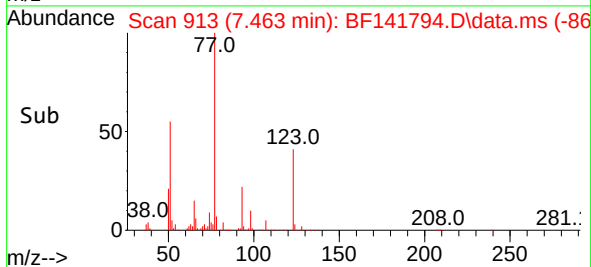
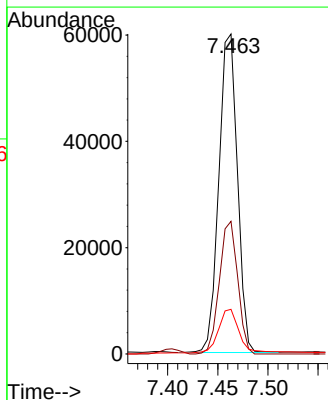
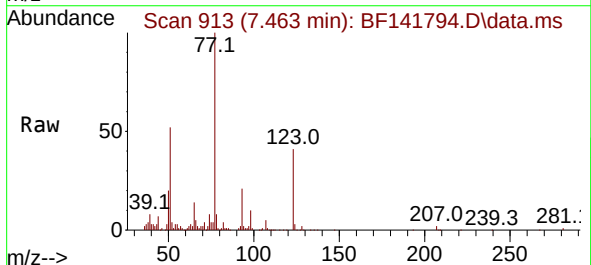
Manual Integrations
APPROVED

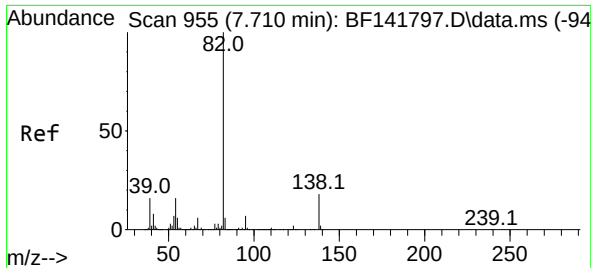
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025



#24
Nitrobenzene
Concen: 4.071 ng
RT: 7.463 min Scan# 913
Delta R.T. -0.012 min
Lab File: BF141794.D
Acq: 27 Feb 2025 15:46

Tgt Ion: 77 Resp: 76930
Ion Ratio Lower Upper
77 100
123 41.5 35.8 53.8
65 13.9 11.2 16.8





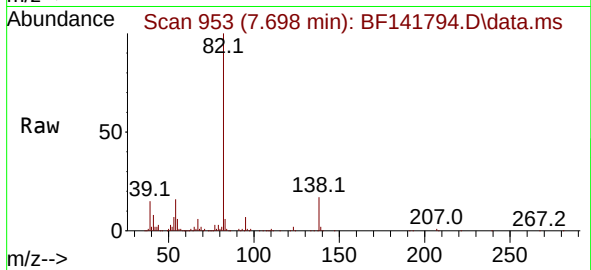
#25
Isophorone
Concen: 5.221 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF141794.D
Acq: 27 Feb 2025 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

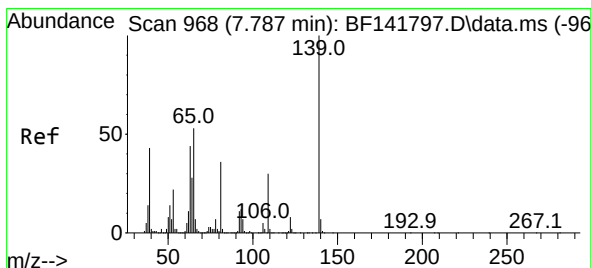
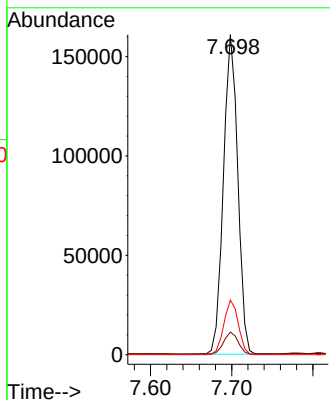
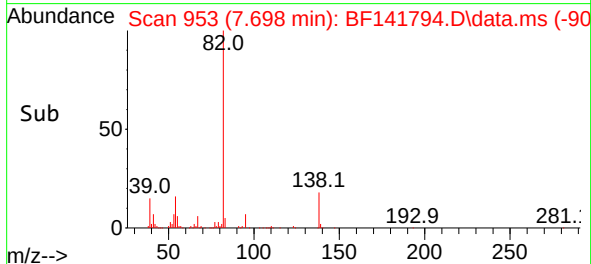


Tgt Ion: 82 Resp: 197960
Ion Ratio Lower Upper
82 100
95 7.1 5.8 8.8
138 17.0 14.0 21.0

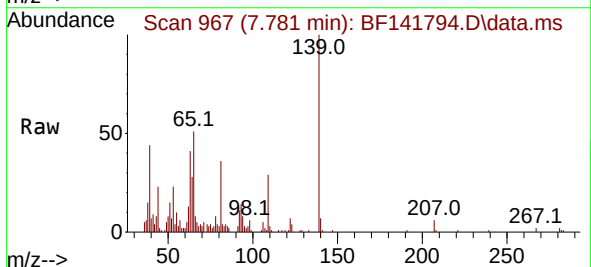
Manual Integrations

APPROVED

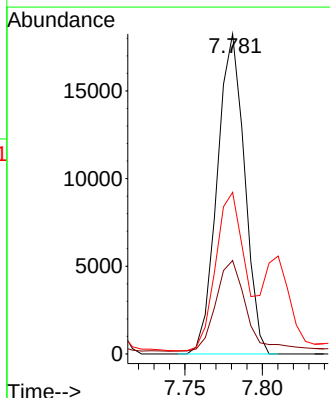
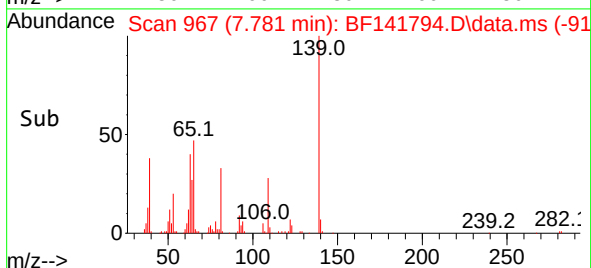
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025

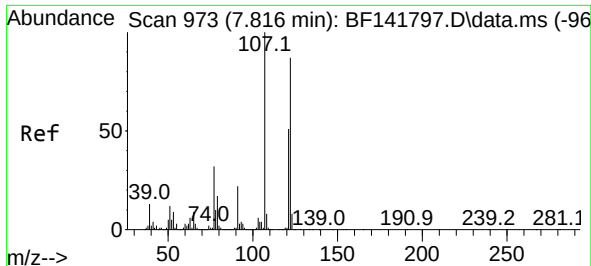


#26
2-Nitrophenol
Concen: 6.947 ng
RT: 7.781 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF141794.D
Acq: 27 Feb 2025 15:46



Tgt Ion:139 Resp: 22354
Ion Ratio Lower Upper
139 100
109 29.2 24.1 36.1
65 50.5 42.3 63.5





#27

2,4-Dimethylphenol

Concen: 5.211 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF141794.D

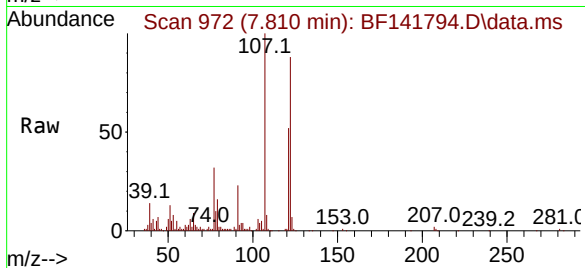
Acq: 27 Feb 2025 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



Tgt Ion:122 Resp: 7263

Ion Ratio Lower Upper

122 100

107 113.3 92.5 138.7

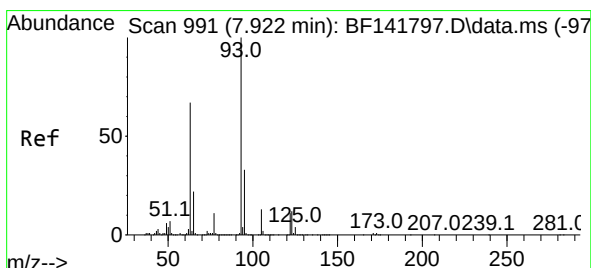
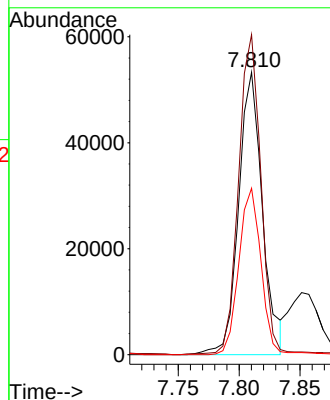
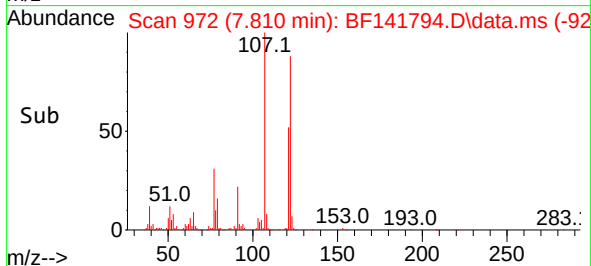
121 59.0 47.1 70.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/28/2025

Supervised By :mohammad ahmed 02/28/2025



#28

bis(2-Chloroethoxy)methane

Concen: 5.395 ng

RT: 7.910 min Scan# 989

Delta R.T. -0.012 min

Lab File: BF141794.D

Acq: 27 Feb 2025 15:46

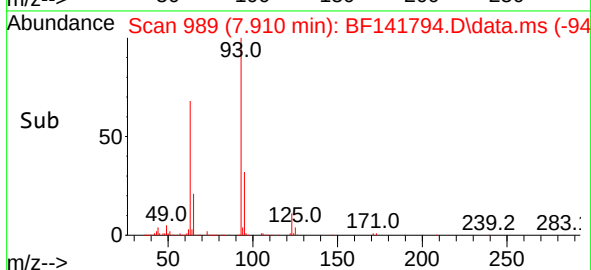
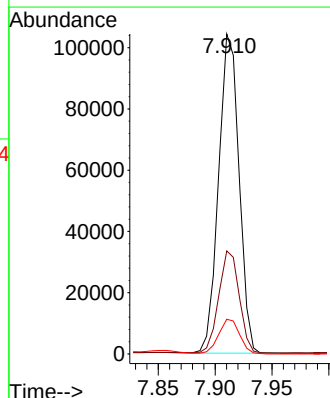
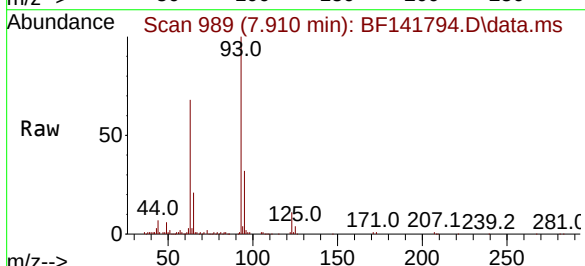
Tgt Ion: 93 Resp: 130473

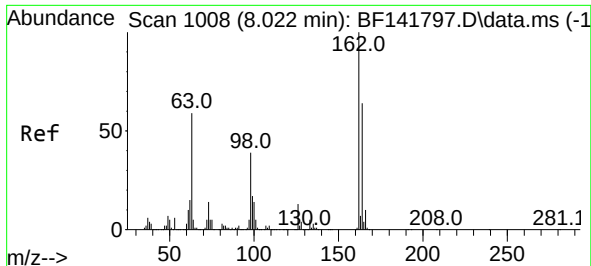
Ion Ratio Lower Upper

93 100

95 32.2 26.5 39.7

123 10.9 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 4.914 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BF141794.D

Acq: 27 Feb 2025 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

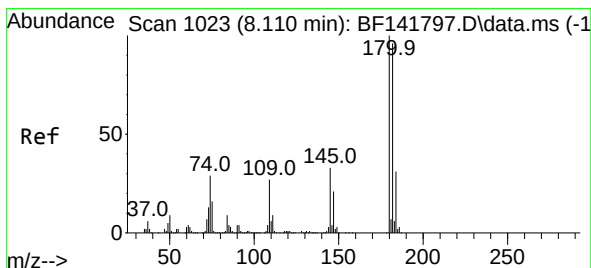
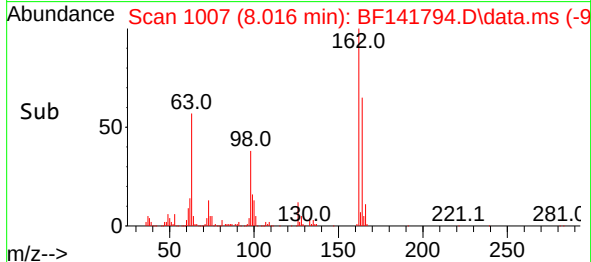
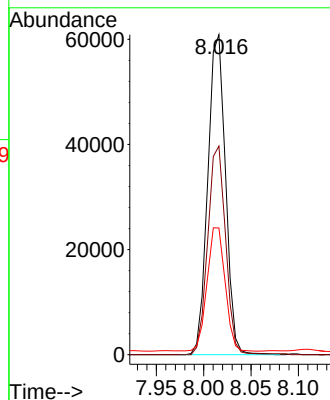
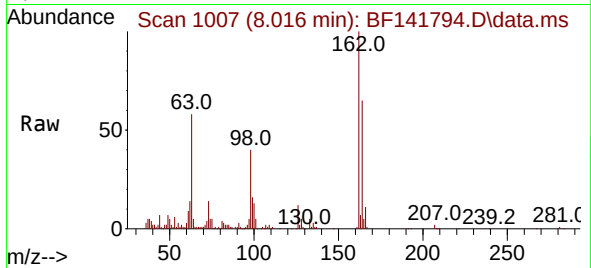
Tgt Ion:	162	Resp:	79000
Ion Ratio	Lower	Upper	
162	100		
164	65.2	44.3	84.3
98	39.6	19.6	59.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/28/2025

Supervised By :mohammad ahmed 02/28/2025



#30

1,2,4-Trichlorobenzene

Concen: 5.244 ng

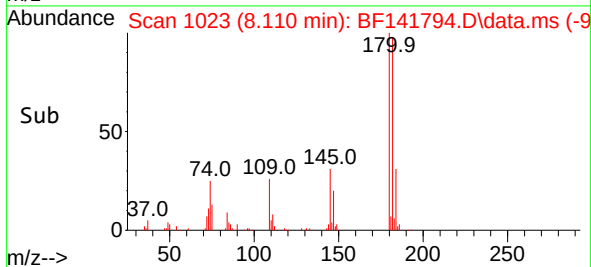
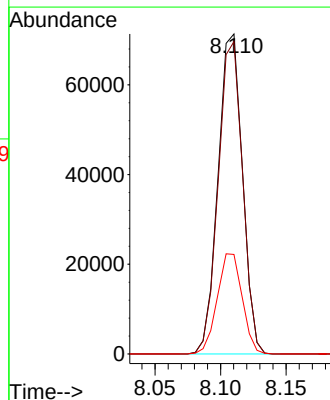
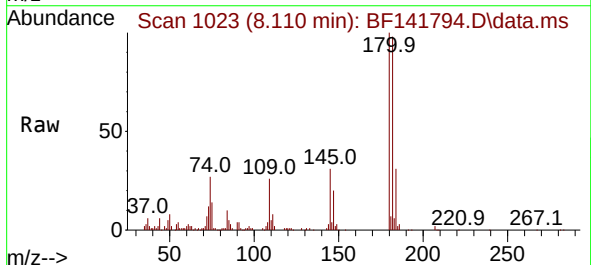
RT: 8.110 min Scan# 1023

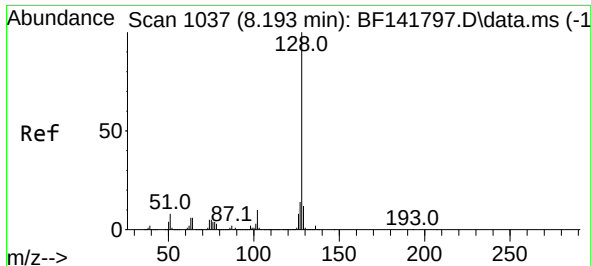
Delta R.T. -0.000 min

Lab File: BF141794.D

Acq: 27 Feb 2025 15:46

Tgt Ion:	180	Resp:	92399
Ion Ratio	Lower	Upper	
180	100		
182	97.6	76.8	115.2
145	31.1	26.4	39.6





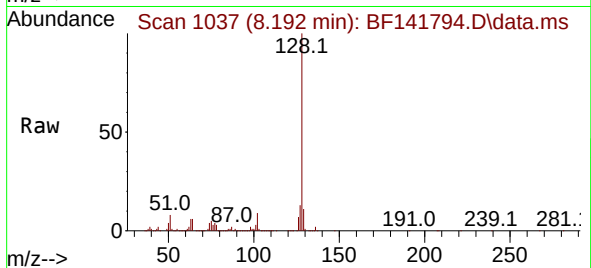
#31
Naphthalene
Concen: 5.546 ng
RT: 8.192 min Scan# 1037
Delta R.T. -0.000 min
Lab File: BF141794.D
Acq: 27 Feb 2025 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

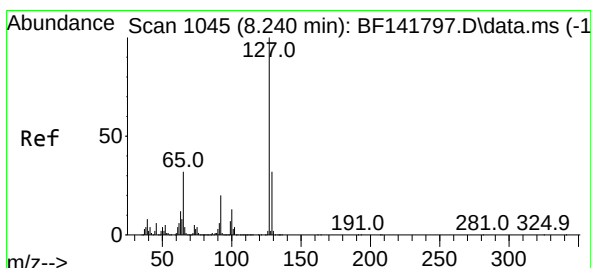
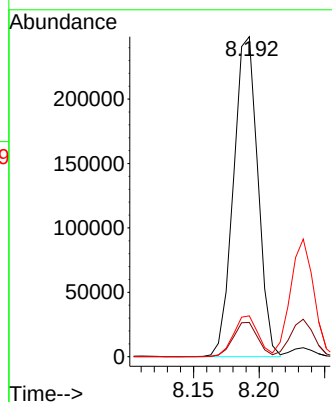
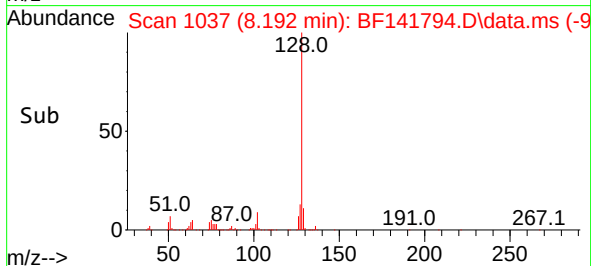


Tgt Ion:128 Resp: 321540
Ion Ratio Lower Upper
128 100
129 10.7 9.2 13.8
127 12.8 11.0 16.4

Manual Integrations

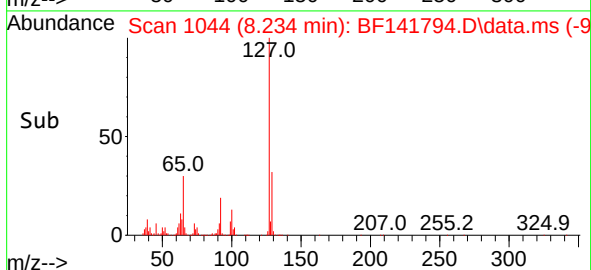
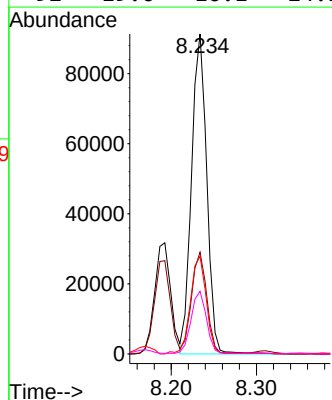
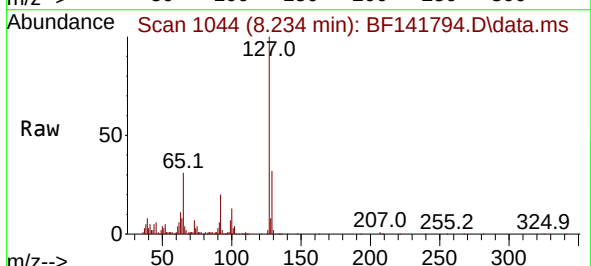
APPROVED

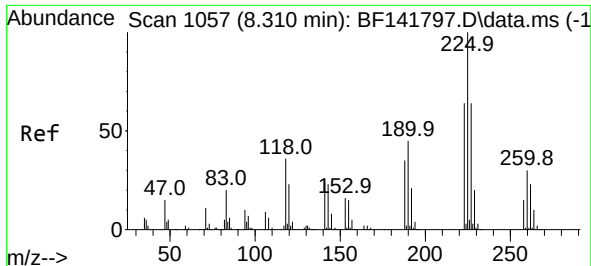
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025



#33
4-Chloroaniline
Concen: 5.335 ng
RT: 8.234 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF141794.D
Acq: 27 Feb 2025 15:46

Tgt Ion:127 Resp: 113407
Ion Ratio Lower Upper
127 100
129 31.8 26.1 39.1
65 30.5 25.7 38.5
92 19.6 16.1 24.1





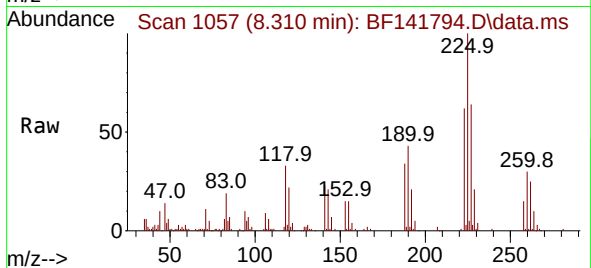
#34
Hexachlorobutadiene
Concen: 5.134 ng
RT: 8.310 min Scan# 1057
Delta R.T. -0.000 min
Lab File: BF141794.D
Acq: 27 Feb 2025 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

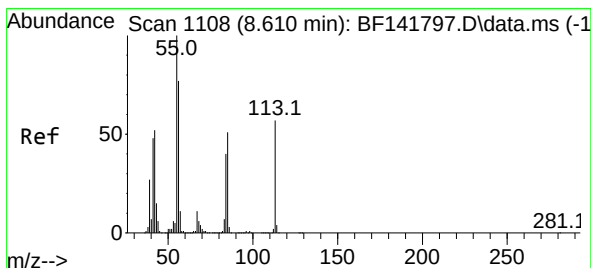
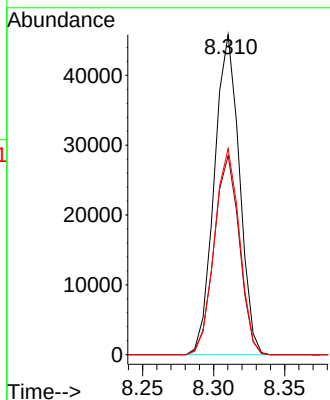
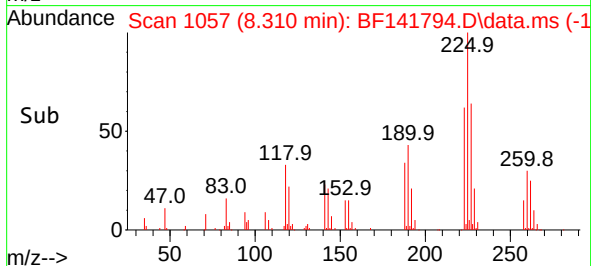


Tgt Ion:225 Resp: 56205
Ion Ratio Lower Upper
225 100
223 62.2 51.4 77.2
227 64.4 51.6 77.4

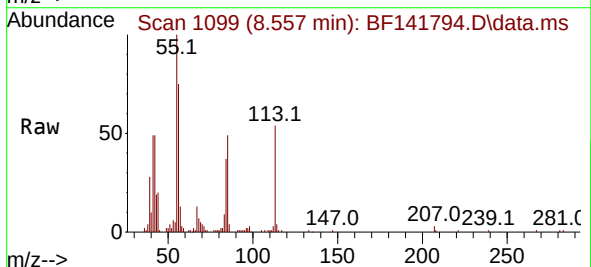
Manual Integrations

APPROVED

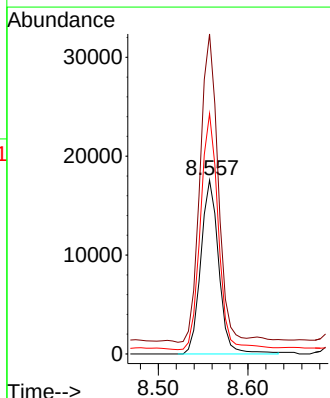
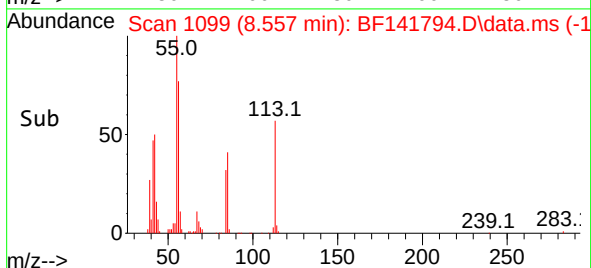
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025

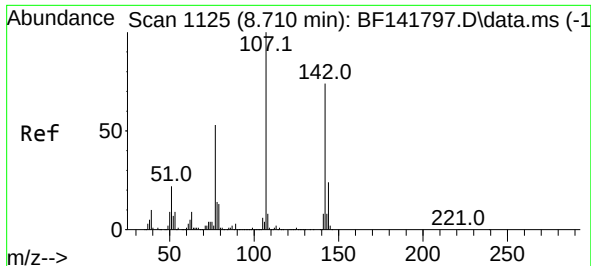


#35
Caprolactam
Concen: 4.946 ng
RT: 8.557 min Scan# 1099
Delta R.T. -0.053 min
Lab File: BF141794.D
Acq: 27 Feb 2025 15:46



Tgt Ion:113 Resp: 24467
Ion Ratio Lower Upper
113 100
55 184.1 155.6 195.6
56 138.2 114.6 154.6





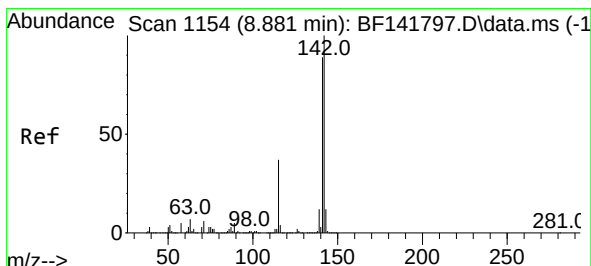
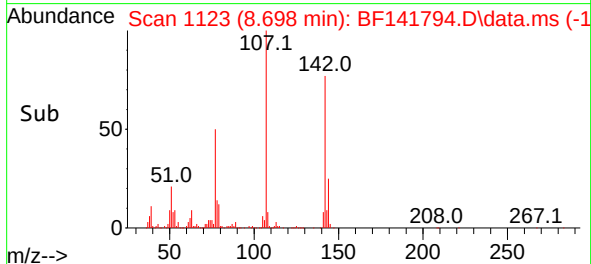
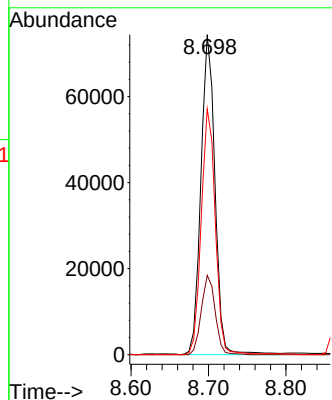
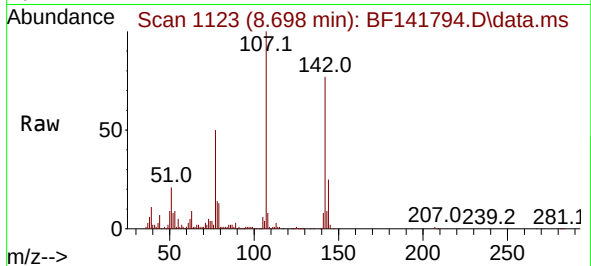
#36
4-Chloro-3-methylphenol
Concen: 5.262 ng
RT: 8.698 min Scan# 1123
Delta R.T. -0.012 min
Lab File: BF141794.D
Acq: 27 Feb 2025 15:46

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:107 Resp: 9398
Ion Ratio Lower Upper
107 100
144 24.8 19.4 29.0
142 76.8 59.4 89.0

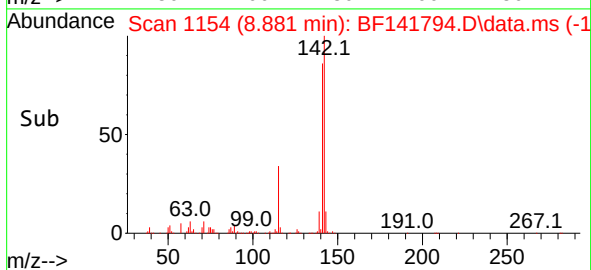
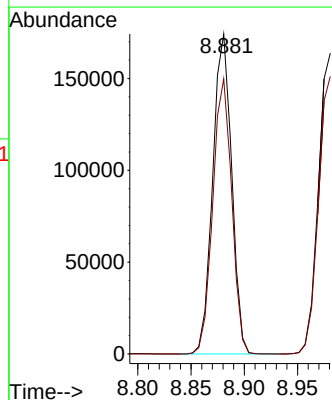
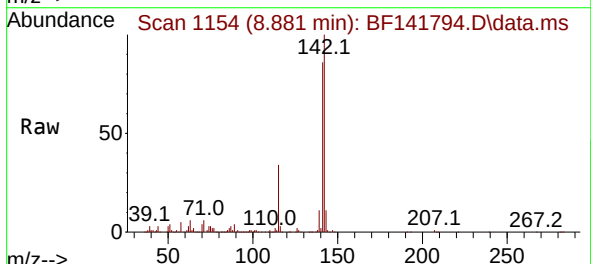
Manual Integrations
APPROVED

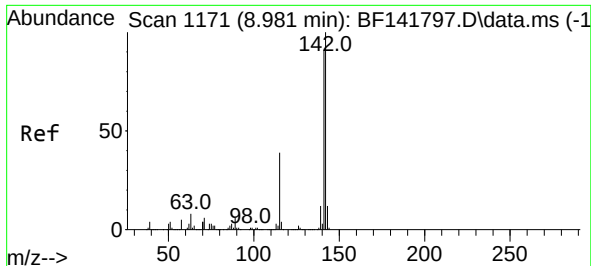
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025



#37
2-Methylnaphthalene
Concen: 5.653 ng
RT: 8.881 min Scan# 1154
Delta R.T. -0.000 min
Lab File: BF141794.D
Acq: 27 Feb 2025 15:46

Tgt Ion:142 Resp: 214971
Ion Ratio Lower Upper
142 100
141 86.0 71.1 106.7





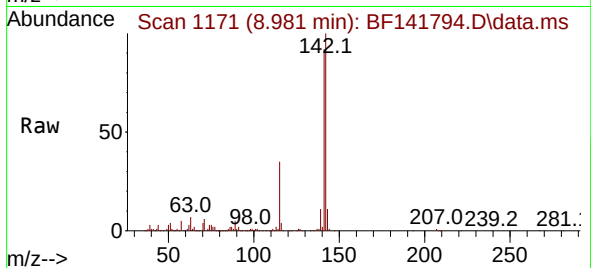
#38
1-Methylnaphthalene
Concen: 5.676 ng
RT: 8.981 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF141794.D
Acq: 27 Feb 2025 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

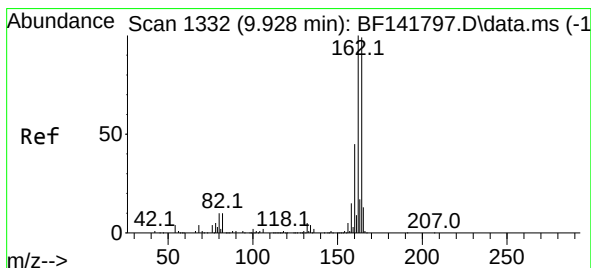
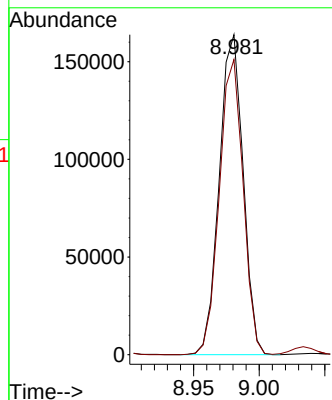
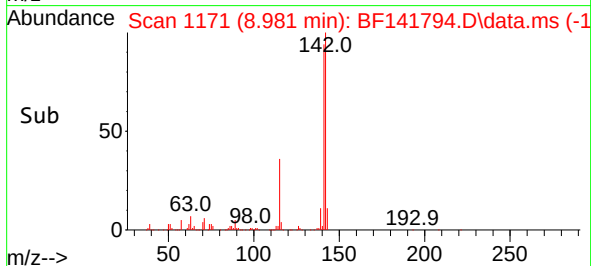


Tgt Ion:142 Resp: 20709
Ion Ratio Lower Upper
142 100
141 92.3 73.1 109.7

Manual Integrations

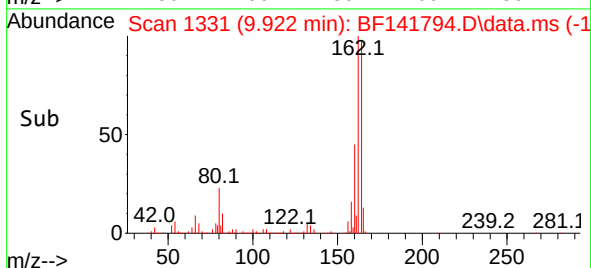
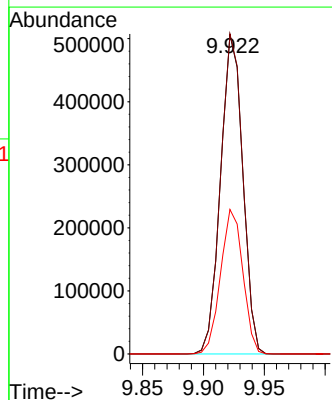
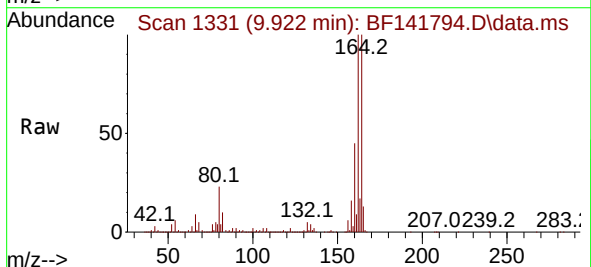
APPROVED

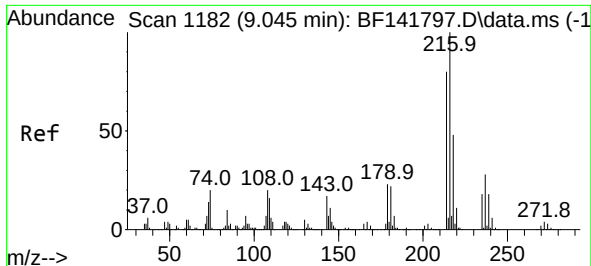
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BF141794.D
Acq: 27 Feb 2025 15:46

Tgt Ion:164 Resp: 643922
Ion Ratio Lower Upper
164 100
162 100.3 80.6 120.8
160 45.3 36.3 54.5





#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.275 ng
RT: 9.045 min Scan# 1182
Delta R.T. -0.000 min
Lab File: BF141794.D
Acq: 27 Feb 2025 15:46

Instrument :

BNA_F

ClientSampleId :

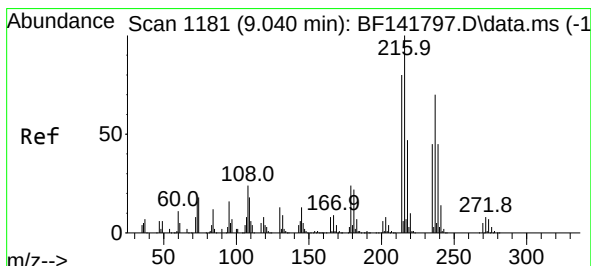
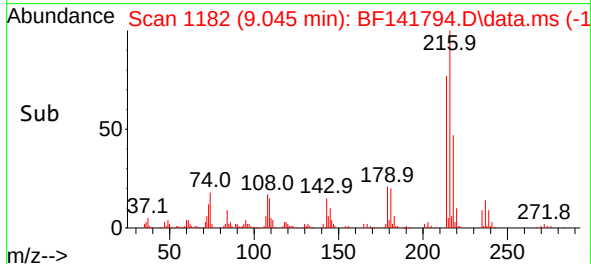
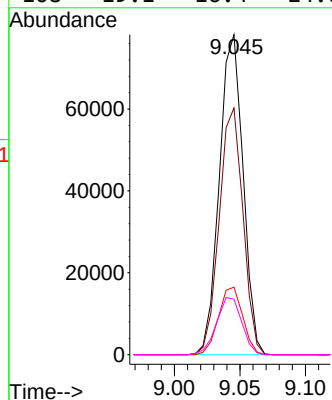
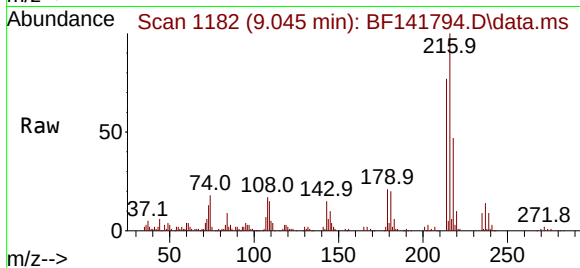
SSTDICC005

Tgt Ion:216 Resp: 98100
Ion Ratio Lower Upper
216 100
214 77.2 63.5 95.3
179 21.5 18.1 27.1
108 19.1 16.4 24.6

Manual Integrations

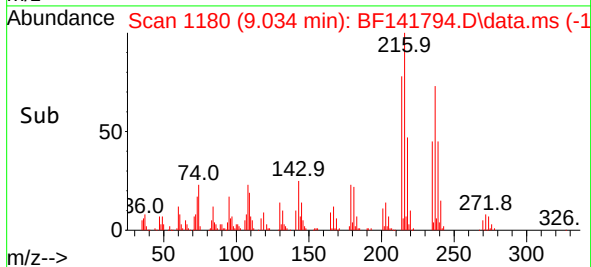
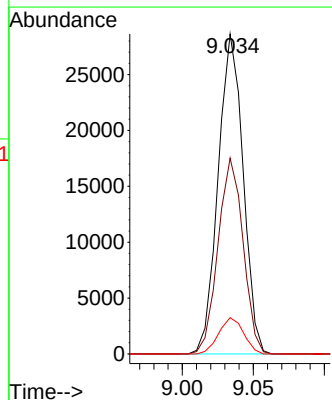
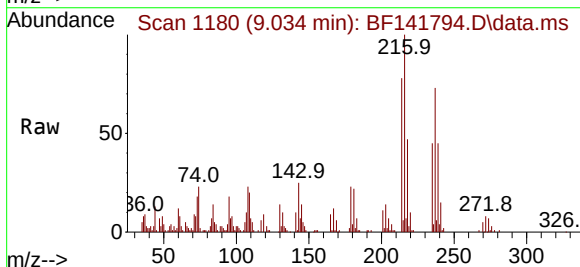
APPROVED

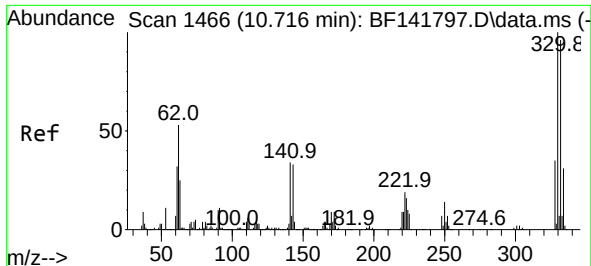
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025



#41
Hexachlorocyclopentadiene
Concen: 4.508 ng
RT: 9.034 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF141794.D
Acq: 27 Feb 2025 15:46

Tgt Ion:237 Resp: 34990
Ion Ratio Lower Upper
237 100
235 61.2 43.3 83.3
272 11.4 0.0 31.9





#42
2,4,6-Tribromophenol
Concen: 9.331 ng
RT: 10.704 min Scan# 1466
Delta R.T. -0.012 min
Lab File: BF141794.D
Acq: 27 Feb 2025 15:46

Instrument :

BNA_F

ClientSampleId :

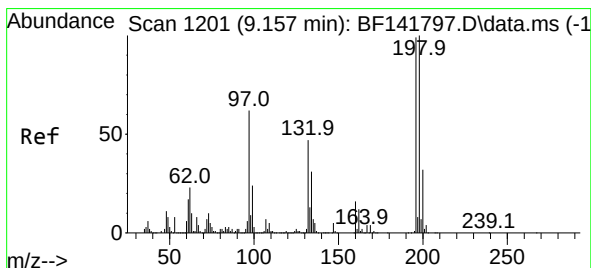
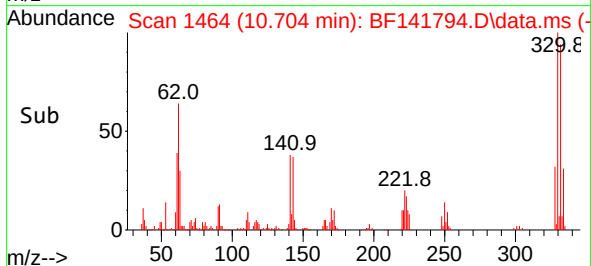
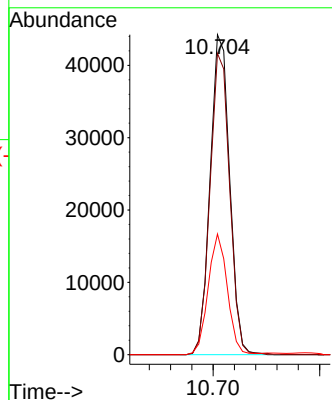
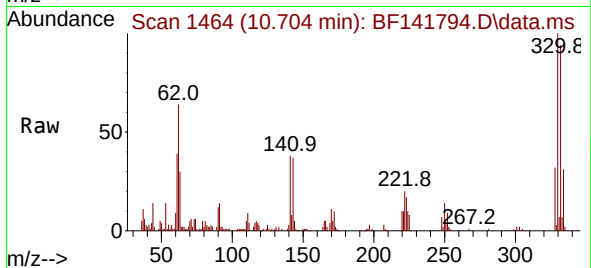
SSTDICC005

Tgt Ion:330 Resp: 56400
Ion Ratio Lower Upper
330 100
332 94.6 76.6 115.0
141 37.1 29.0 43.4

Manual Integrations

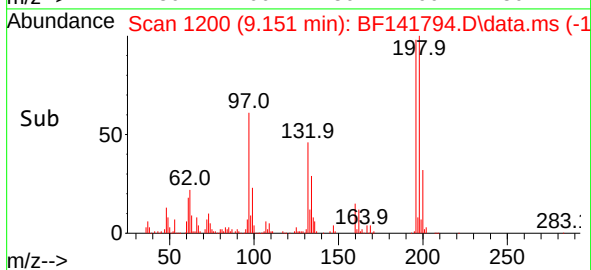
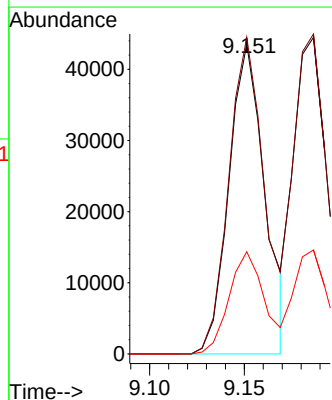
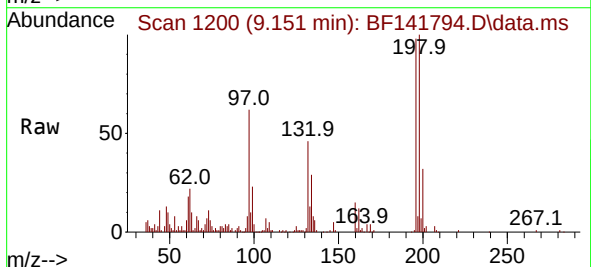
APPROVED

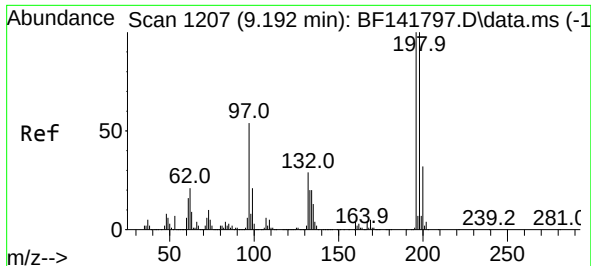
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025



#43
2,4,6-Trichlorophenol
Concen: 4.753 ng
RT: 9.151 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF141794.D
Acq: 27 Feb 2025 15:46

Tgt Ion:196 Resp: 57097
Ion Ratio Lower Upper
196 100
198 102.2 80.4 120.6
200 33.0 25.7 38.5





#44
2,4,5-Trichlorophenol
Concen: 4.706 ng
RT: 9.187 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF141794.D
Acq: 27 Feb 2025 15:46

Instrument :

BNA_F

ClientSampleId :

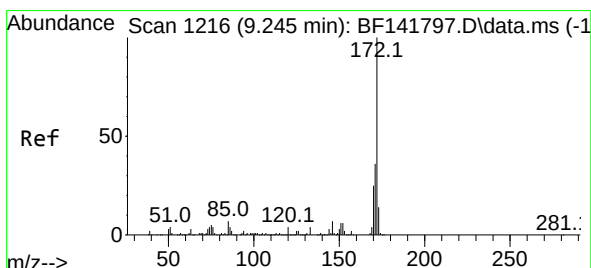
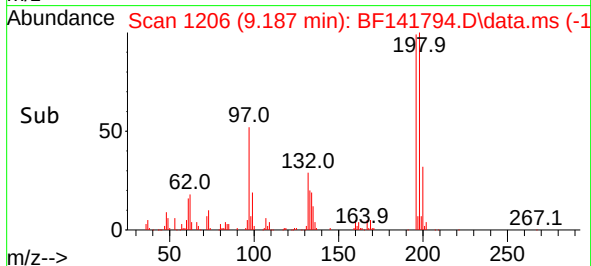
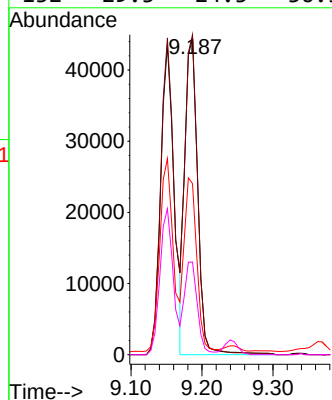
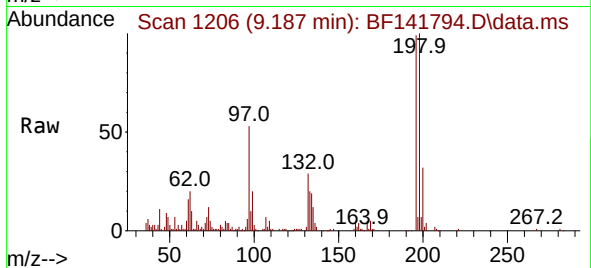
SSTDICC005

Tgt Ion:196 Resp: 55979
Ion Ratio Lower Upper
196 100
198 101.1 79.7 119.5
97 54.0 44.2 66.2
132 29.3 24.3 36.5

Manual Integrations

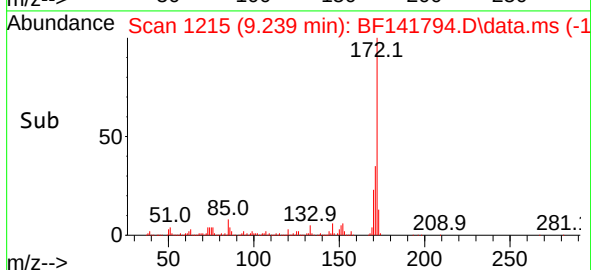
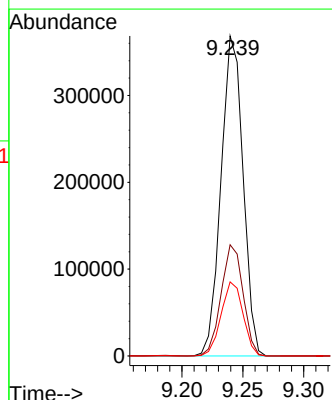
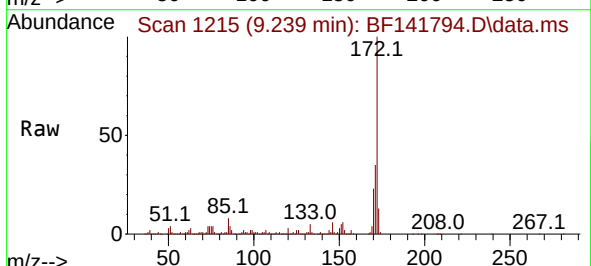
APPROVED

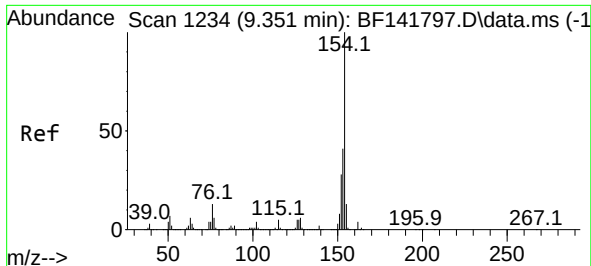
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025



#45
2-Fluorobiphenyl
Concen: 11.570 ng
RT: 9.239 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF141794.D
Acq: 27 Feb 2025 15:46

Tgt Ion:172 Resp: 464621
Ion Ratio Lower Upper
172 100
171 34.7 29.2 43.8
170 23.2 19.7 29.5





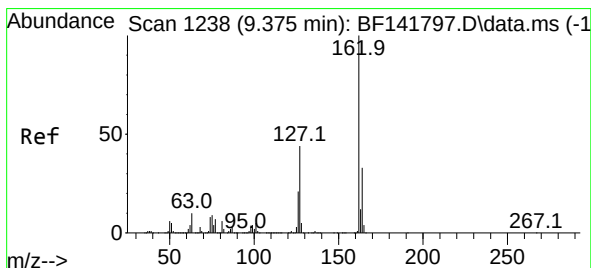
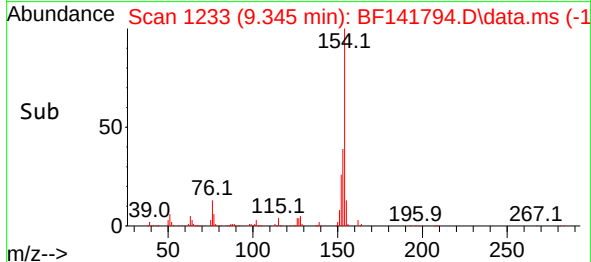
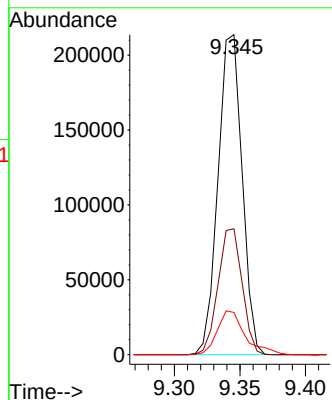
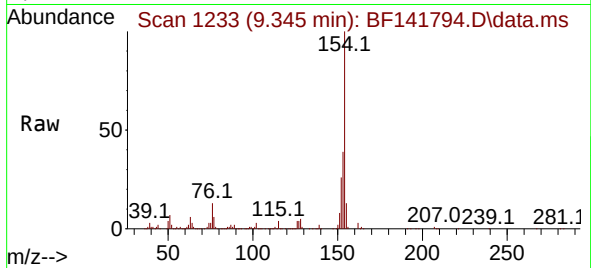
#46
1,1'-Biphenyl
Concen: 5.563 ng
RT: 9.345 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BF141794.D
Acq: 27 Feb 2025 15:46

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:154 Resp: 272648
Ion Ratio Lower Upper
154 100
153 39.4 21.4 61.4
76 13.2 0.0 33.4

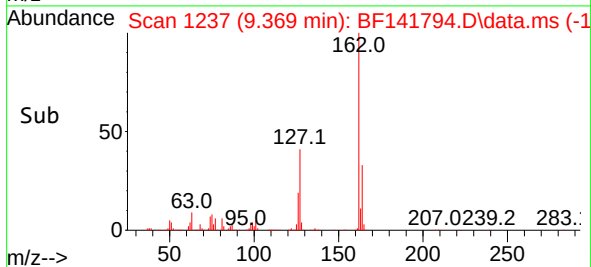
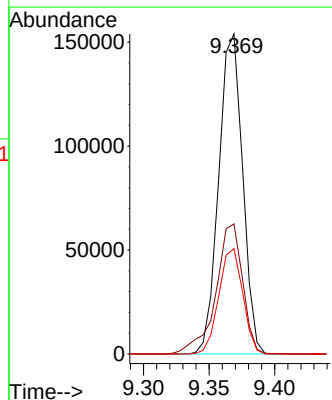
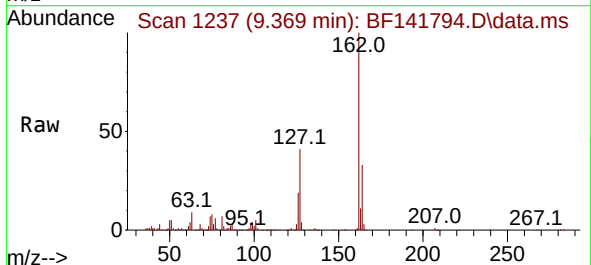
Manual Integrations
APPROVED

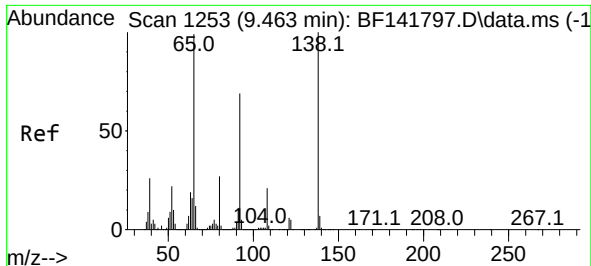
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025



#47
2-Chloronaphthalene
Concen: 5.388 ng
RT: 9.369 min Scan# 1237
Delta R.T. -0.006 min
Lab File: BF141794.D
Acq: 27 Feb 2025 15:46

Tgt Ion:162 Resp: 194915
Ion Ratio Lower Upper
162 100
127 40.7 35.0 52.6
164 32.9 26.6 40.0





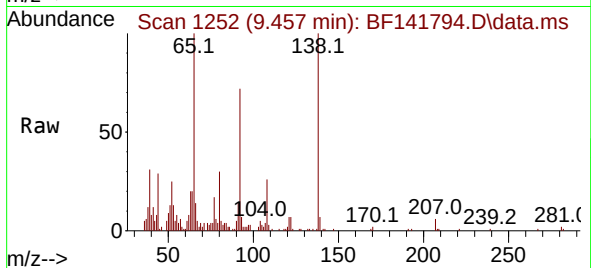
#48
2-Nitroaniline
Concen: 6.586 ng
RT: 9.457 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141794.D
Acq: 27 Feb 2025 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

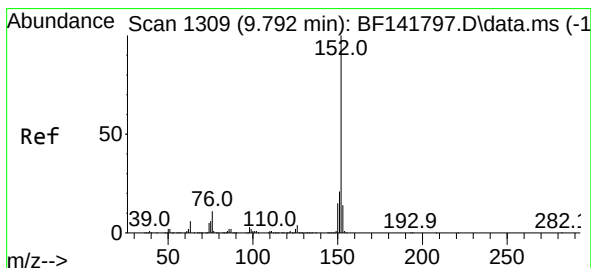
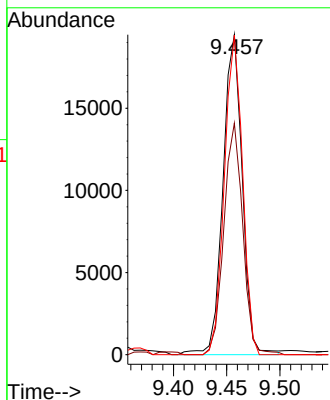
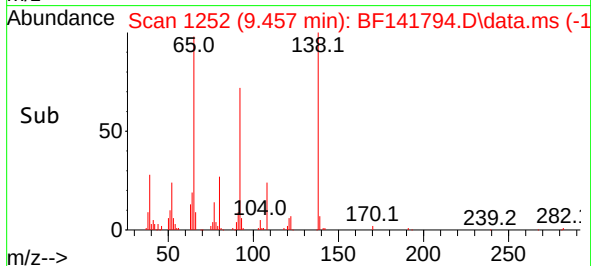


Tgt Ion: 65 Resp: 2446
Ion Ratio Lower Upper
65 100
92 72.3 55.7 83.5
138 99.8 80.6 121.0

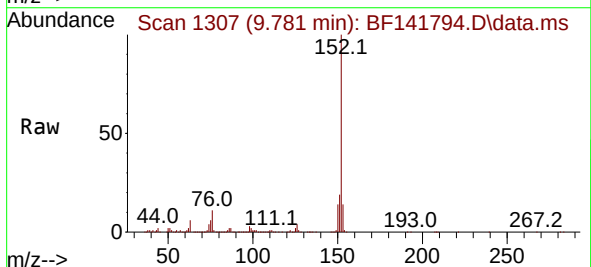
Manual Integrations

APPROVED

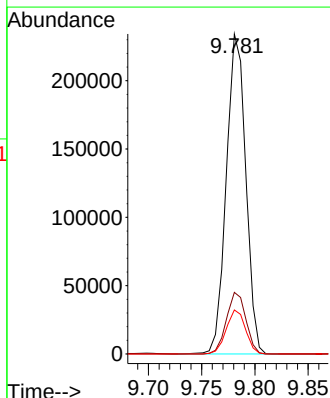
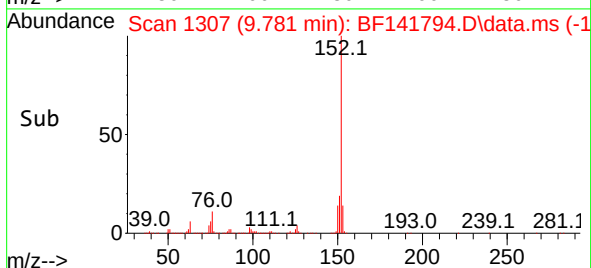
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025

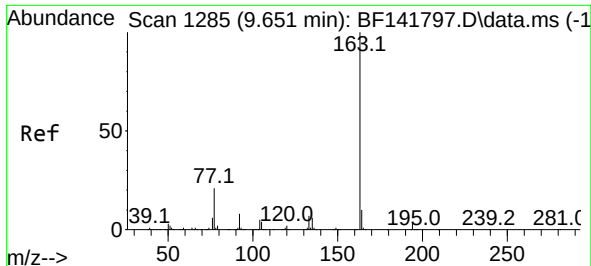


#49
Acenaphthylene
Concen: 5.481 ng
RT: 9.781 min Scan# 1307
Delta R.T. -0.012 min
Lab File: BF141794.D
Acq: 27 Feb 2025 15:46



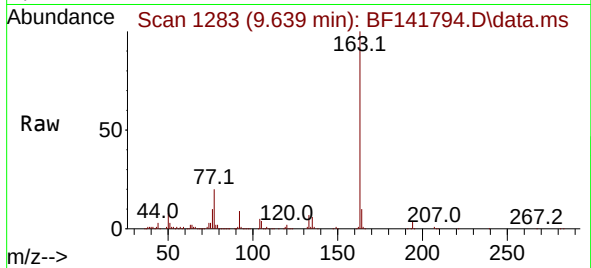
Tgt Ion:152 Resp: 297257
Ion Ratio Lower Upper
152 100
151 19.2 16.6 24.8
153 13.8 11.2 16.8





#50
Dimethylphthalate
Concen: 5.344 ng
RT: 9.639 min Scan# 1283
Delta R.T. -0.012 min
Lab File: BF141794.D
Acq: 27 Feb 2025 15:46

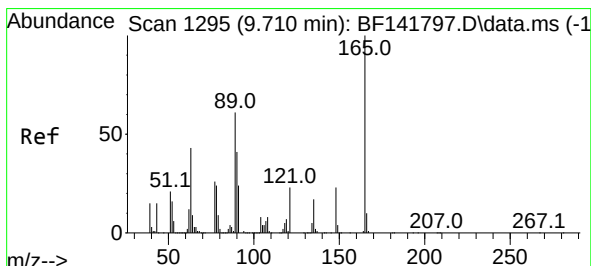
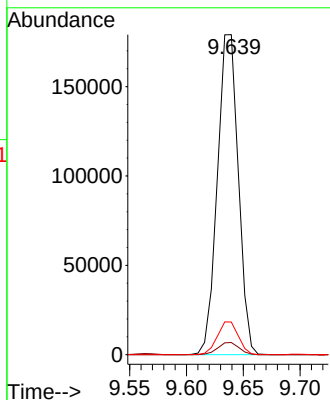
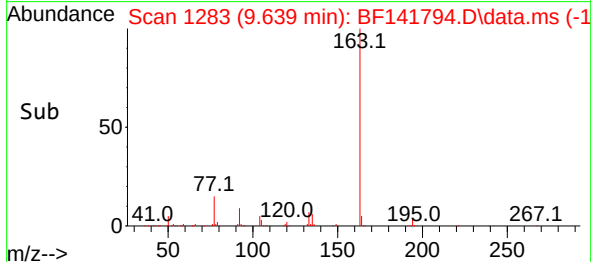
Instrument : BNA_F
ClientSampleId : SSTDICC005



Tgt Ion:163 Resp: 230425
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.2 8.4 12.6

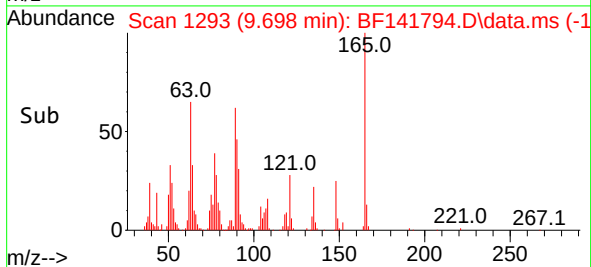
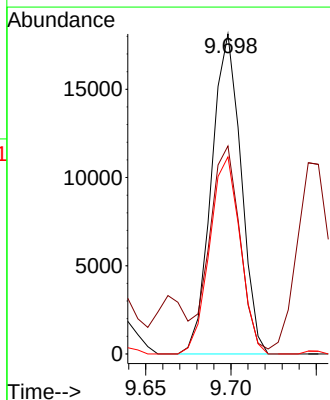
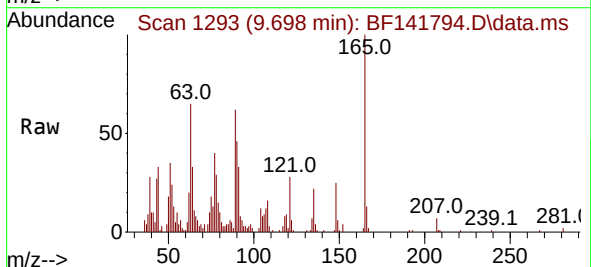
Manual Integrations
APPROVED

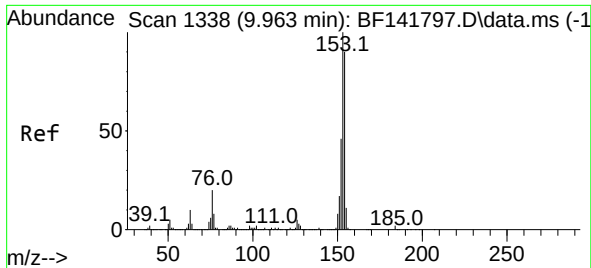
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025



#51
2,6-Dinitrotoluene
Concen: 5.327 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.012 min
Lab File: BF141794.D
Acq: 27 Feb 2025 15:46

Tgt Ion:165 Resp: 21902
Ion Ratio Lower Upper
165 100
63 65.0 49.5 74.3
89 61.6 49.0 73.4





#52
Acenaphthene
Concen: 5.353 ng
RT: 9.957 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF141794.D
Acq: 27 Feb 2025 15:46

Instrument :

BNA_F

ClientSampleId :

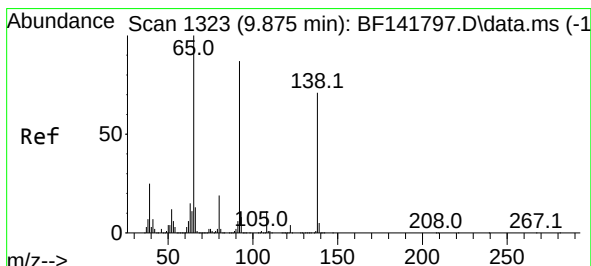
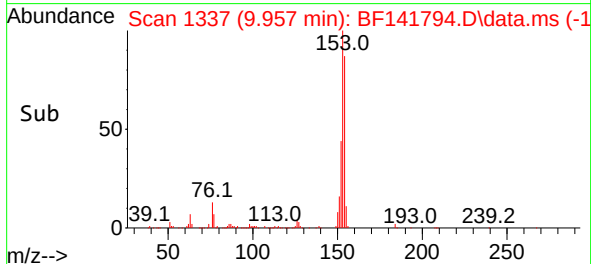
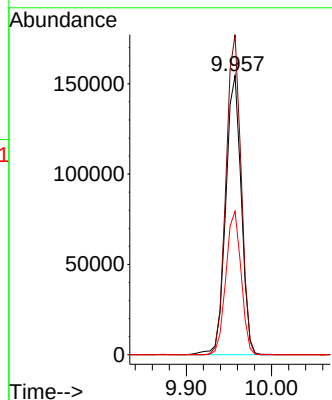
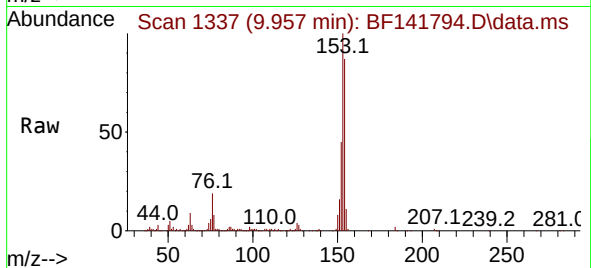
SSTDICC005

Tgt Ion:154 Resp: 195912
Ion Ratio Lower Upper
154 100
153 114.6 88.7 133.1
152 51.4 40.9 61.3

Manual Integrations

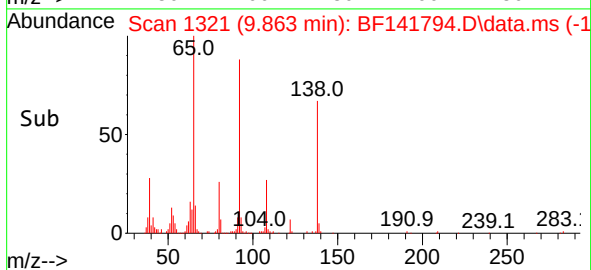
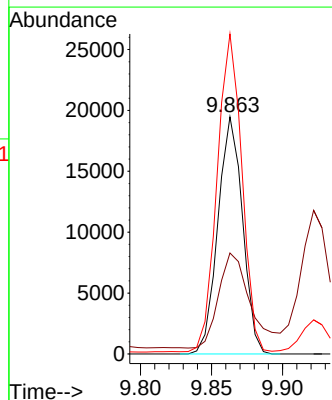
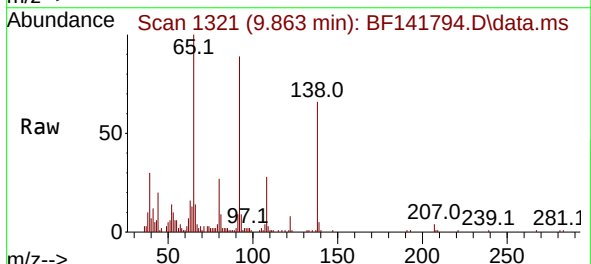
APPROVED

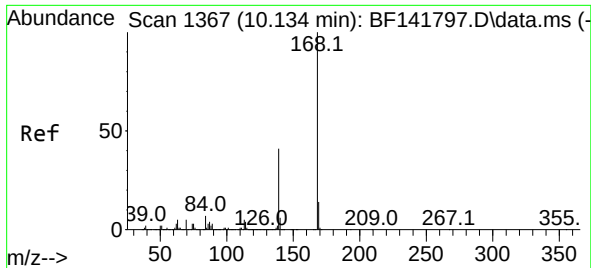
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025



#53
3-Nitroaniline
Concen: 5.471 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.012 min
Lab File: BF141794.D
Acq: 27 Feb 2025 15:46

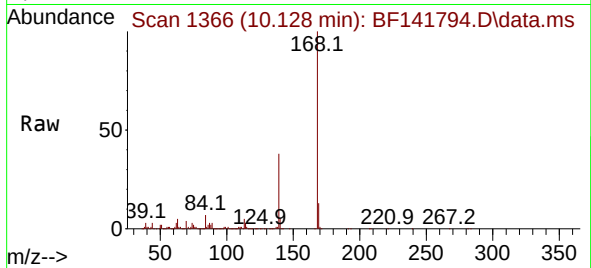
Tgt Ion:138 Resp: 23458
Ion Ratio Lower Upper
138 100
108 42.5 12.7 19.1#
92 134.9 97.9 146.9





#55
Dibenzenofuran
Concen: 5.590 ng
RT: 10.128 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141794.D
Acq: 27 Feb 2025 15:46

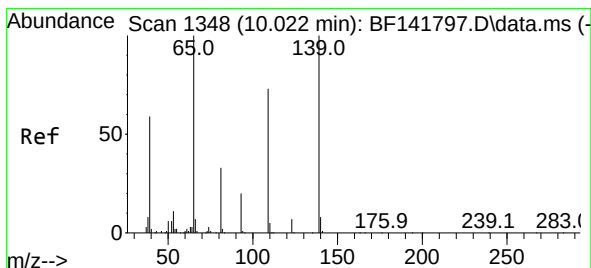
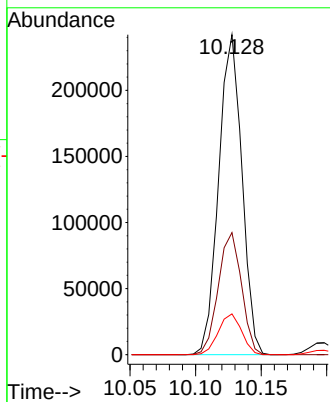
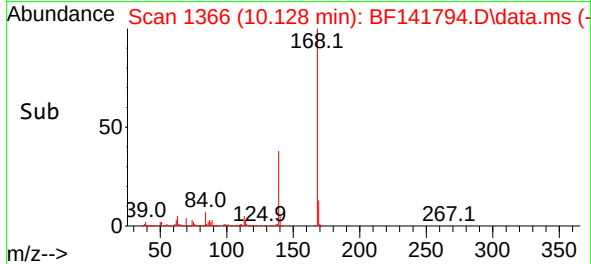
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



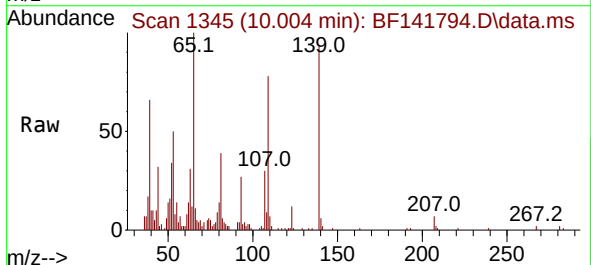
Tgt Ion:168 Resp: 297750
Ion Ratio Lower Upper
168 100
139 38.1 32.9 49.3
169 12.8 11.1 16.7

Manual Integrations
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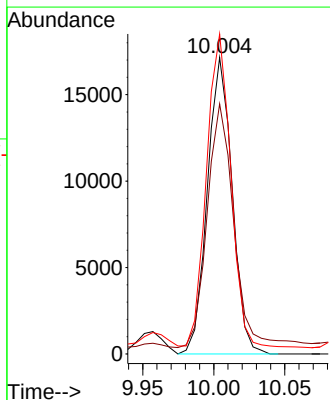
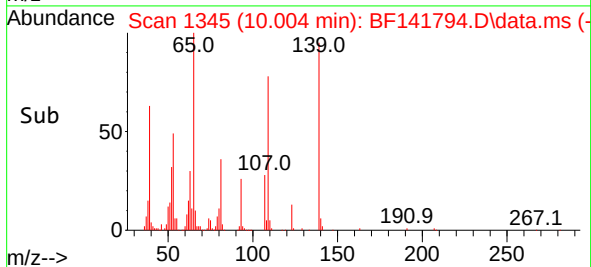
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025

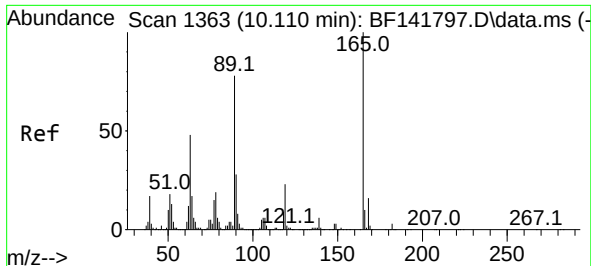


#56
4-Nitrophenol
Concen: 3.272 ng
RT: 10.004 min Scan# 1345
Delta R.T. -0.018 min
Lab File: BF141794.D
Acq: 27 Feb 2025 15:46



Tgt Ion:139 Resp: 20838
Ion Ratio Lower Upper
139 100
109 84.4 53.4 93.4
65 107.9 82.1 122.1





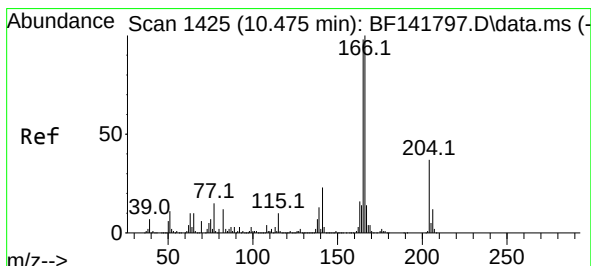
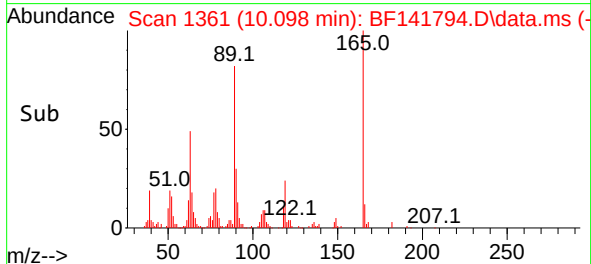
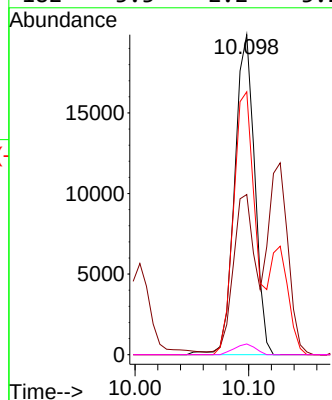
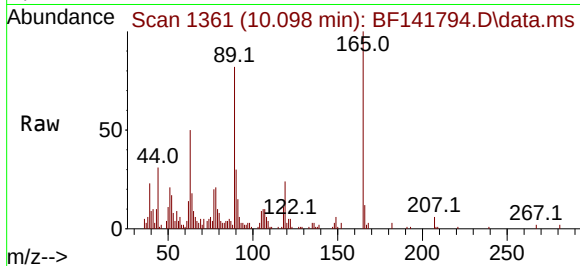
#57
2,4-Dinitrotoluene
Concen: 5.755 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.012 min
Lab File: BF141794.D
Acq: 27 Feb 2025 15:46

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:165 Resp: 2425
Ion Ratio Lower Upper
165 100
63 50.0 38.8 58.2
89 82.2 62.6 94.0
182 3.3 2.2 3.2#

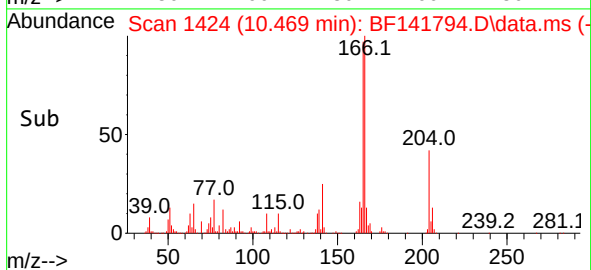
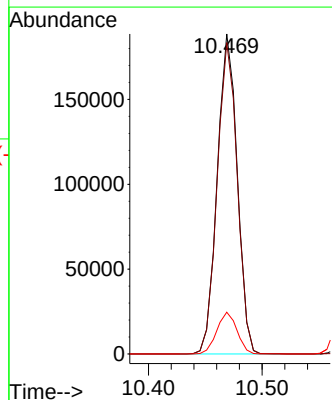
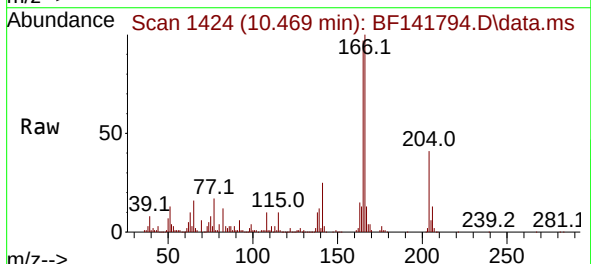
Manual Integrations
APPROVED

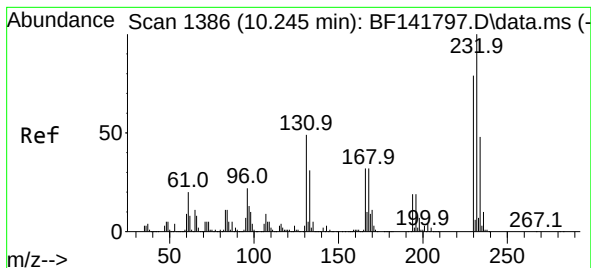
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025



#58
Fluorene
Concen: 5.782 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF141794.D
Acq: 27 Feb 2025 15:46

Tgt Ion:166 Resp: 230713
Ion Ratio Lower Upper
166 100
165 97.3 78.6 117.8
167 13.0 11.0 16.4





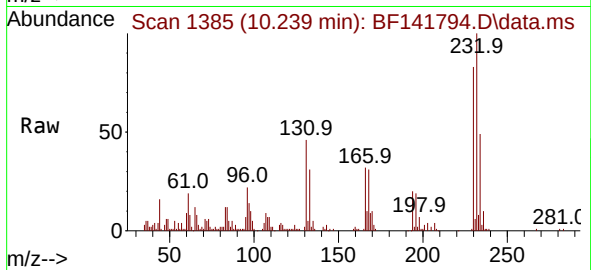
#59
2,3,4,6-Tetrachlorophenol
Concen: 4.873 ng
RT: 10.239 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141794.D
Acq: 27 Feb 2025 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

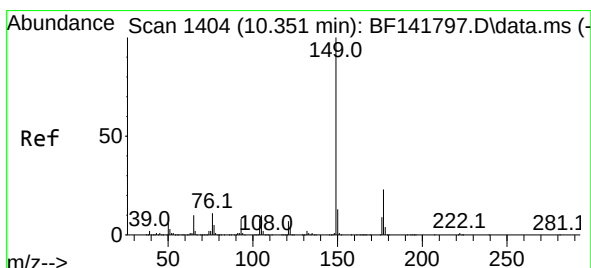
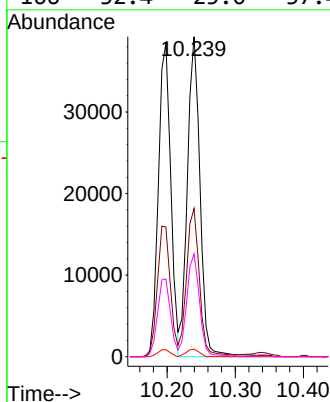
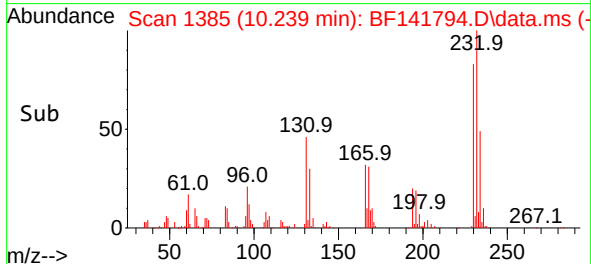


Tgt Ion:232 Resp: 5041
Ion Ratio Lower Upper
232 100
131 47.2 37.8 56.8
130 2.4 2.0 3.0
166 32.4 25.0 37.4

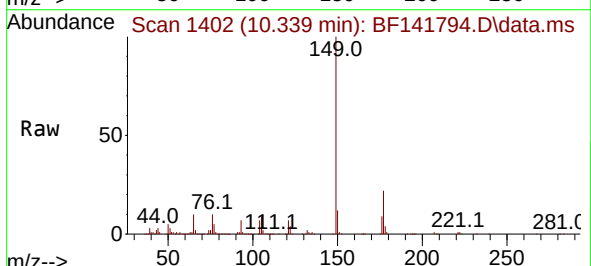
Manual Integrations

APPROVED

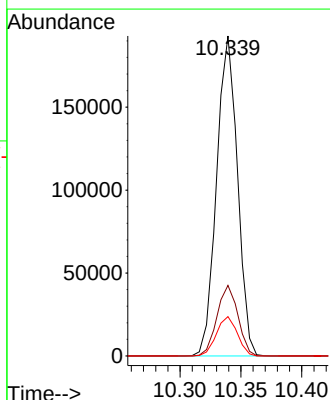
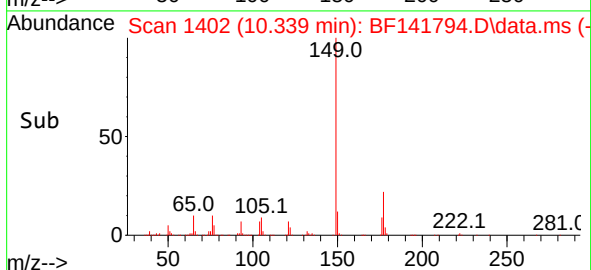
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025

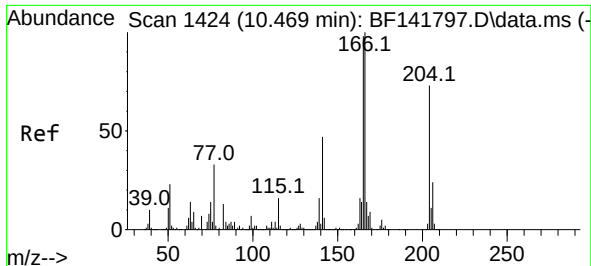


#60
Diethylphthalate
Concen: 5.322 ng
RT: 10.339 min Scan# 1402
Delta R.T. -0.012 min
Lab File: BF141794.D
Acq: 27 Feb 2025 15:46



Tgt Ion:149 Resp: 230060
Ion Ratio Lower Upper
149 100
177 22.1 18.3 27.5
150 12.3 10.3 15.5





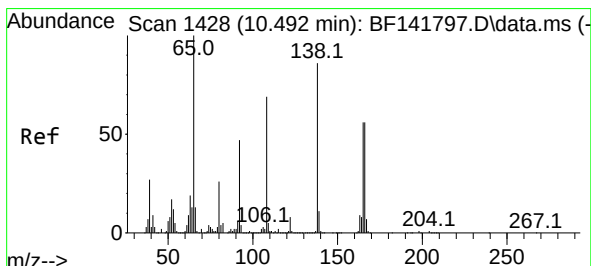
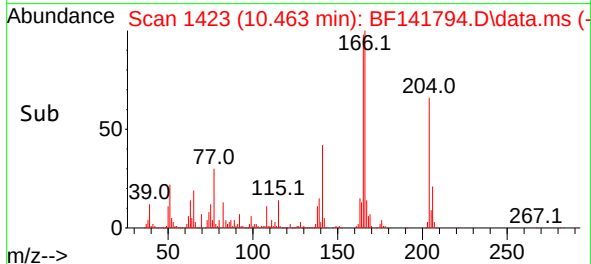
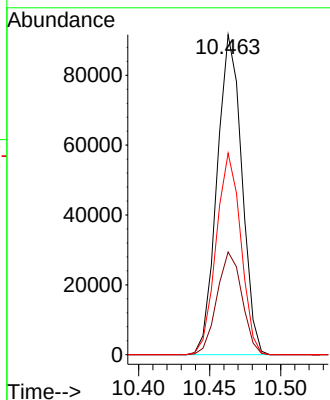
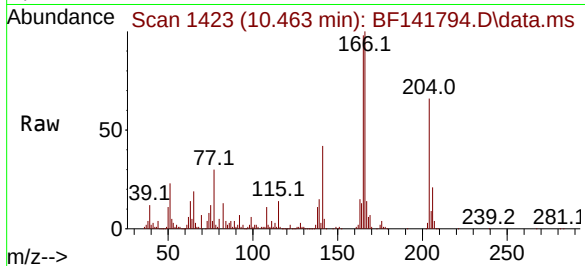
#61
4-Chlorophenyl-phenylether
Concen: 5.561 ng
RT: 10.463 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF141794.D
Acq: 27 Feb 2025 15:46

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:204 Resp: 111169
Ion Ratio Lower Upper
204 100
206 32.1 26.2 39.4
141 63.0 51.7 77.5

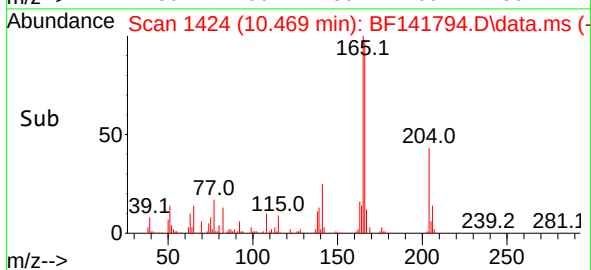
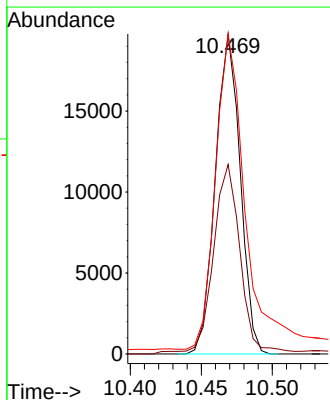
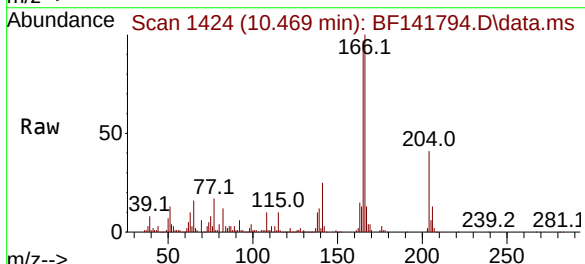
Manual Integrations
APPROVED

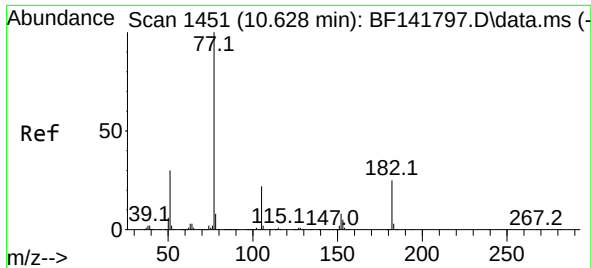
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025



#62
4-Nitroaniline
Concen: 3.260 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.024 min
Lab File: BF141794.D
Acq: 27 Feb 2025 15:46

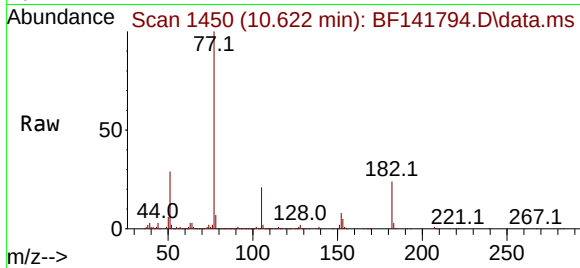
Tgt Ion:138 Resp: 24006
Ion Ratio Lower Upper
138 100
92 59.3 34.9 74.9
108 100.2 59.6 99.6#





#63
Azobenzene
Concen: 5.460 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF141794.D
Acq: 27 Feb 2025 15:46

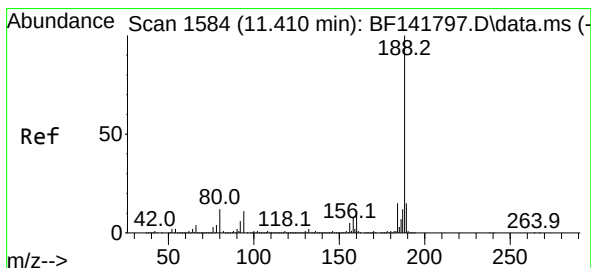
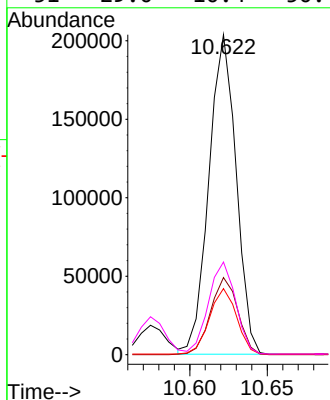
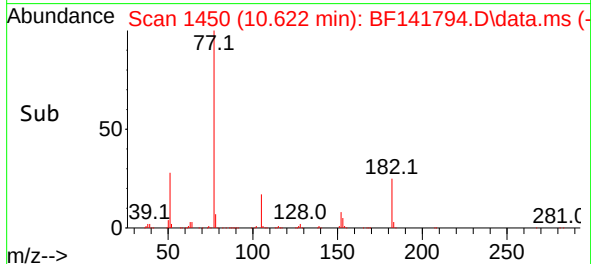
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



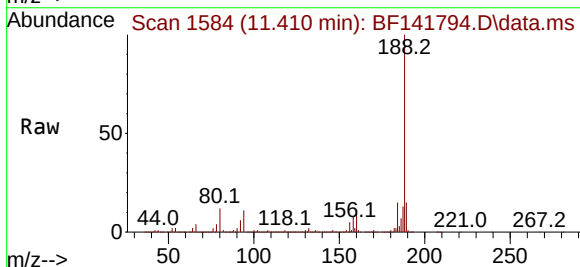
Tgt Ion: 77 Resp: 248519
Ion Ratio Lower Upper
77 100
182 24.1 4.2 44.2
105 20.7 1.5 41.5
51 29.0 10.4 50.4

Manual Integrations
APPROVED

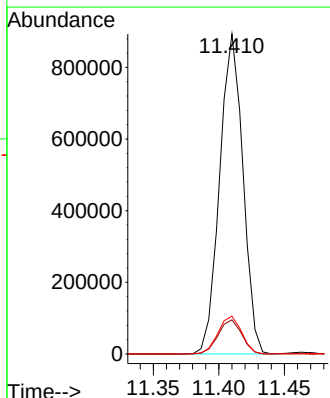
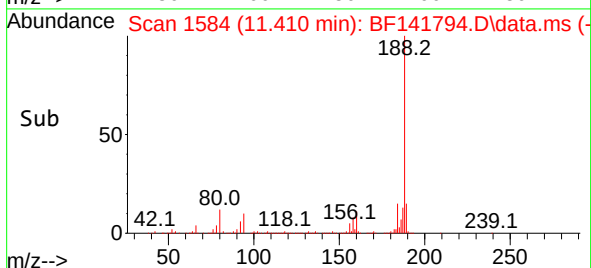
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025

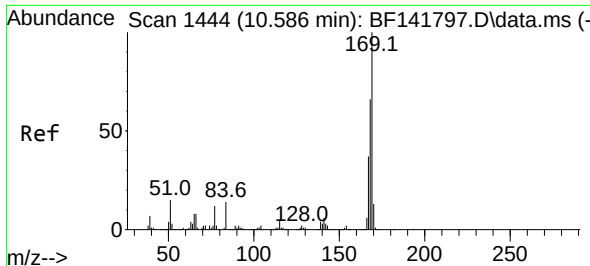


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF141794.D
Acq: 27 Feb 2025 15:46



Tgt Ion:188 Resp: 1101046
Ion Ratio Lower Upper
188 100
94 10.6 8.9 13.3
80 11.8 9.7 14.5





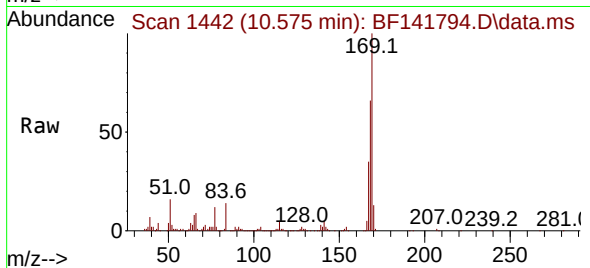
#66
n-Nitrosodiphenylamine
Concen: 5.344 ng
RT: 10.575 min Scan# 1444
Delta R.T. -0.012 min
Lab File: BF141794.D
Acq: 27 Feb 2025 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

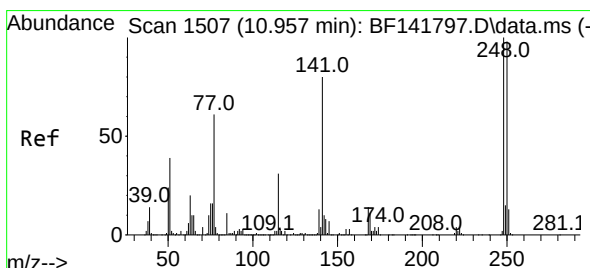
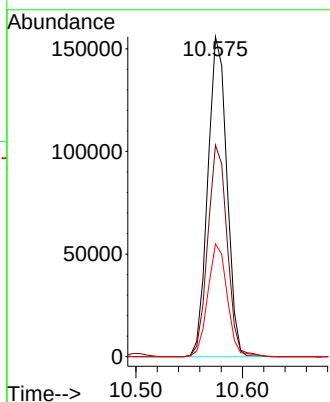
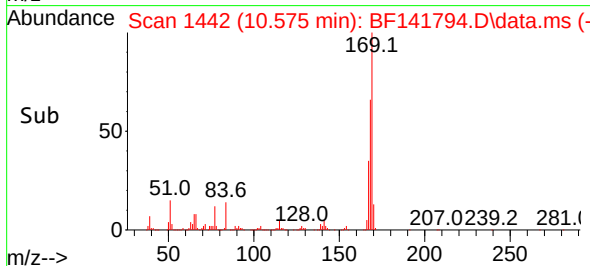


Tgt Ion:169 Resp: 193204
Ion Ratio Lower Upper
169 100
168 66.2 53.0 79.6
167 35.2 29.3 43.9

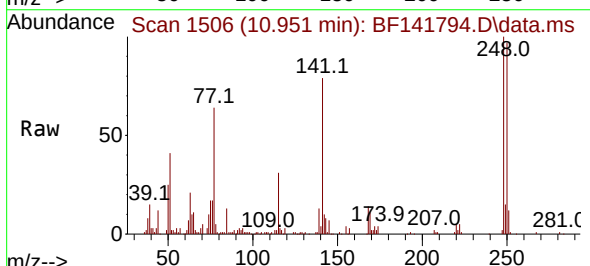
Manual Integrations

APPROVED

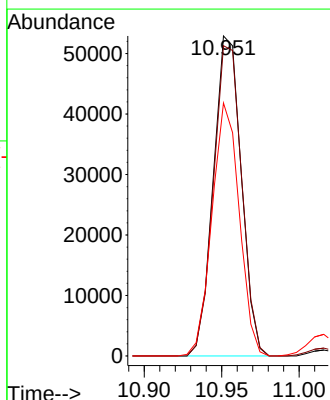
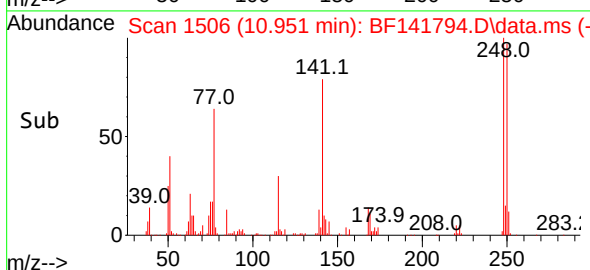
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025

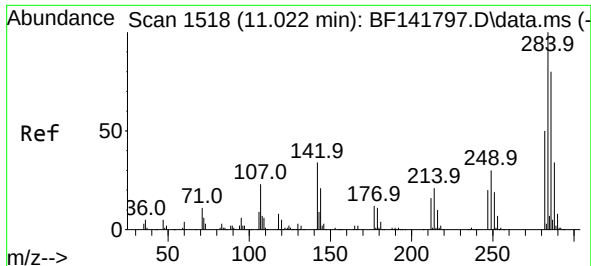


#67
4-Bromophenyl-phenylether
Concen: 5.156 ng
RT: 10.951 min Scan# 1506
Delta R.T. -0.006 min
Lab File: BF141794.D
Acq: 27 Feb 2025 15:46



Tgt Ion:248 Resp: 66312
Ion Ratio Lower Upper
248 100
250 97.0 78.1 117.1
141 79.0 64.3 96.5





#68
Hexachlorobenzene
Concen: 5.125 ng
RT: 11.016 min Scan# 1517
Delta R.T. -0.006 min
Lab File: BF141794.D
Acq: 27 Feb 2025 15:46

Instrument :

BNA_F

ClientSampleId :

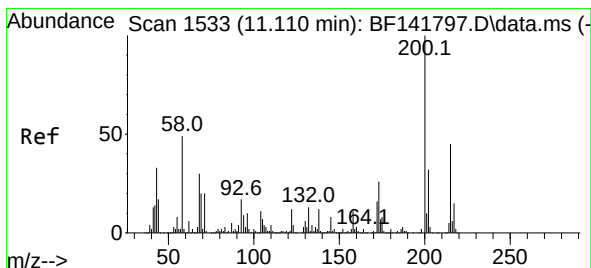
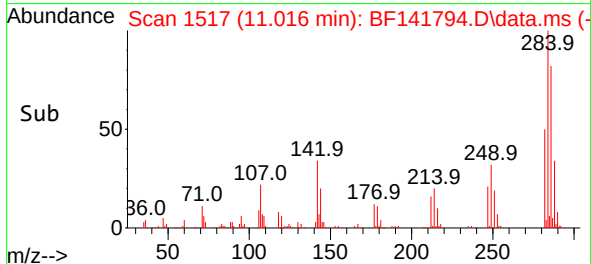
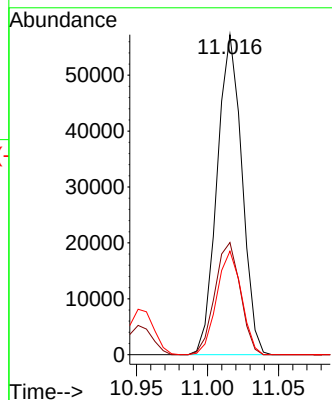
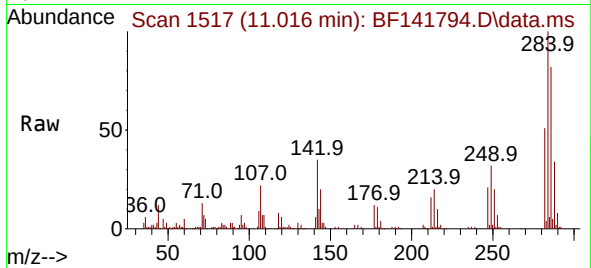
SSTDIC005

Tgt Ion:284 Resp: 69598
Ion Ratio Lower Upper
284 100
142 35.1 28.2 42.2
249 32.3 25.5 38.3

Manual Integrations

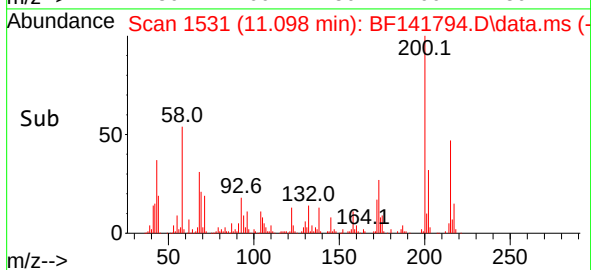
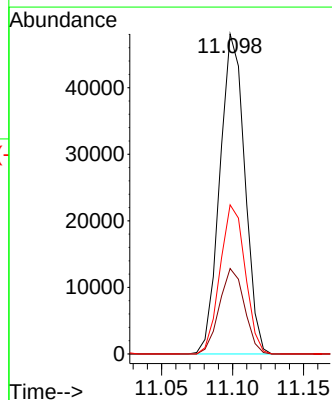
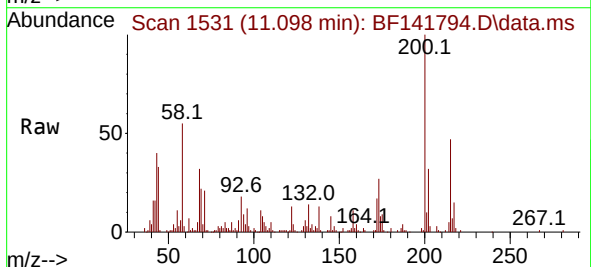
APPROVED

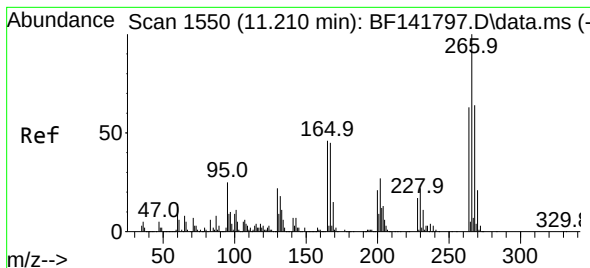
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025



#69
Atrazine
Concen: 5.897 ng
RT: 11.098 min Scan# 1531
Delta R.T. -0.012 min
Lab File: BF141794.D
Acq: 27 Feb 2025 15:46

Tgt Ion:200 Resp: 58634
Ion Ratio Lower Upper
200 100
173 26.7 5.6 45.6
215 46.6 25.3 65.3





#70

Pentachlorophenol

Concen: 4.373 ng

RT: 11.204 min Scan# 1549

Delta R.T. -0.006 min

Lab File: BF141794.D

Acq: 27 Feb 2025 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:266 Resp: 37669

Ion Ratio Lower Upper

266 100

268 64.3 50.9 76.3

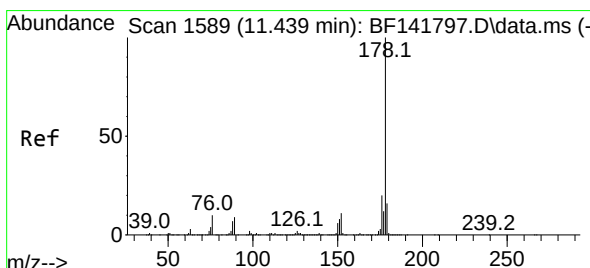
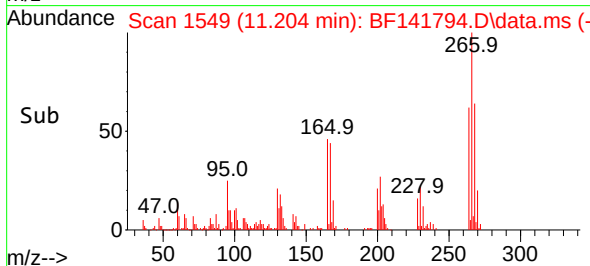
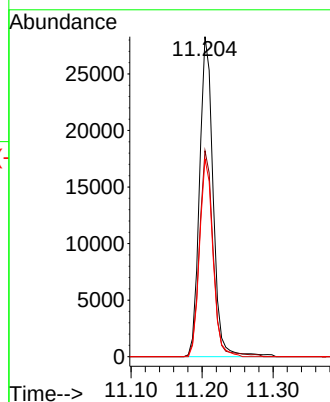
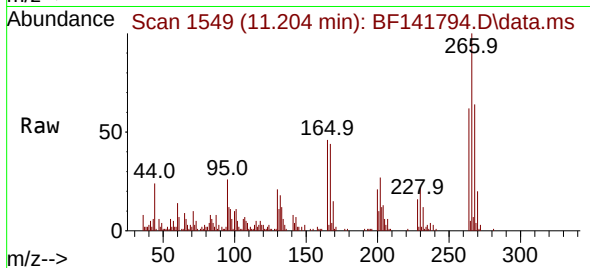
264 61.8 50.2 75.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/28/2025

Supervised By :mohammad ahmed 02/28/2025



#71

Phenanthrene

Concen: 5.544 ng

RT: 11.433 min Scan# 1588

Delta R.T. -0.006 min

Lab File: BF141794.D

Acq: 27 Feb 2025 15:46

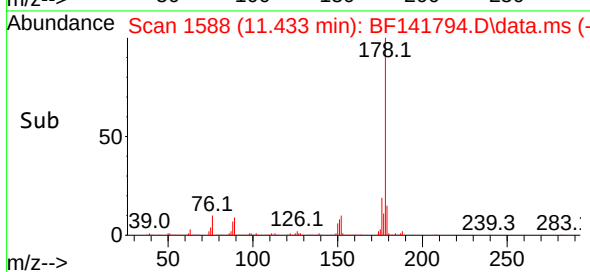
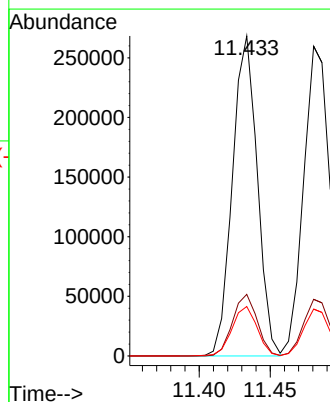
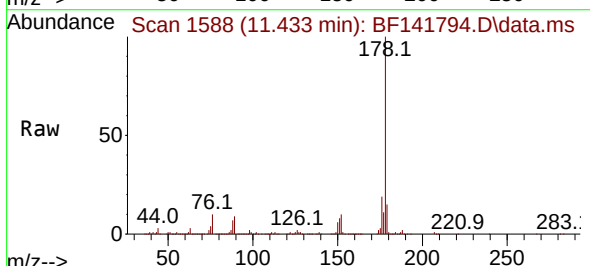
Tgt Ion:178 Resp: 326529

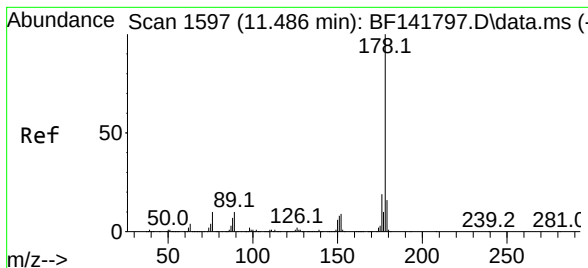
Ion Ratio Lower Upper

178 100

176 19.3 16.0 24.0

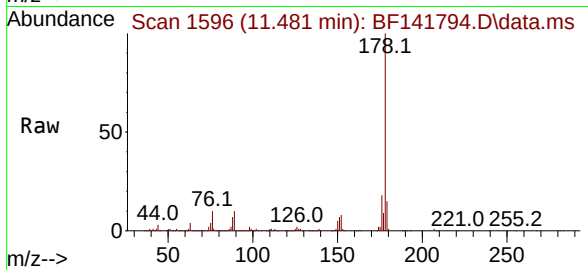
179 15.5 12.6 19.0





#72
 Anthracene
 Concen: 5.610 ng
 RT: 11.481 min Scan# 1597
 Delta R.T. -0.006 min
 Lab File: BF141794.D
 Acq: 27 Feb 2025 15:46

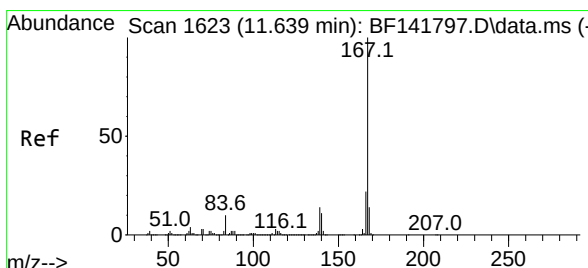
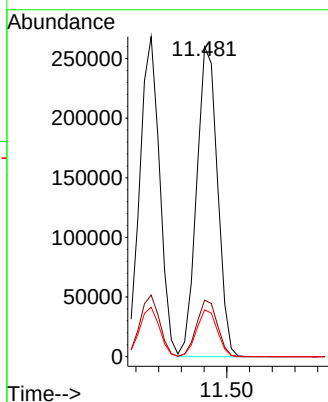
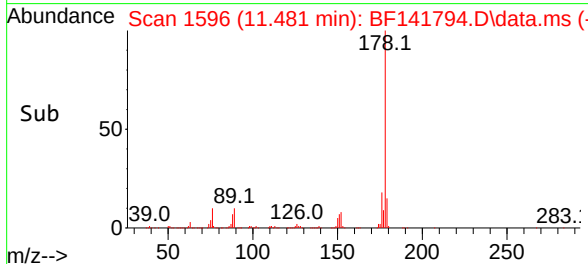
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005



Tgt Ion:178 Resp: 331149
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.4 23.0
 179 15.2 12.8 19.2

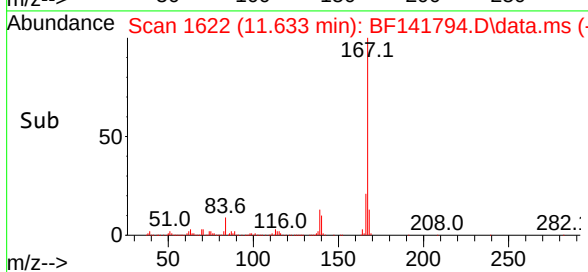
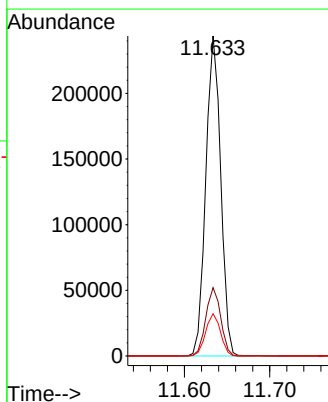
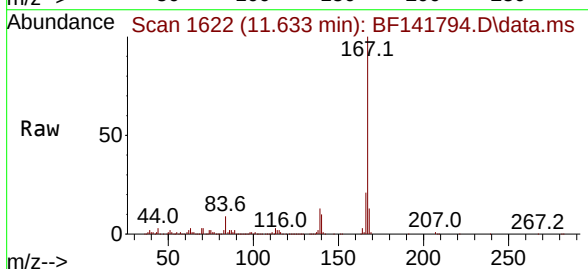
Manual Integrations
 APPROVED

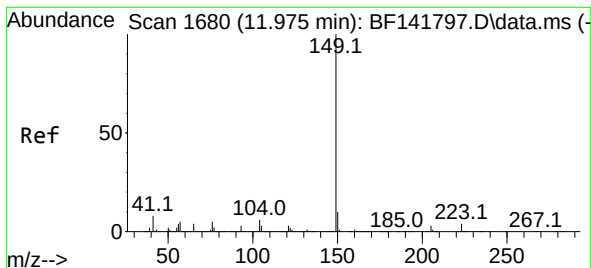
Reviewed By :Yogesh Patel 02/28/2025
 Supervised By :mohammad ahmed 02/28/2025



#73
 Carbazole
 Concen: 5.673 ng
 RT: 11.633 min Scan# 1622
 Delta R.T. -0.006 min
 Lab File: BF141794.D
 Acq: 27 Feb 2025 15:46

Tgt Ion:167 Resp: 295693
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.5 26.3
 139 13.2 11.3 16.9





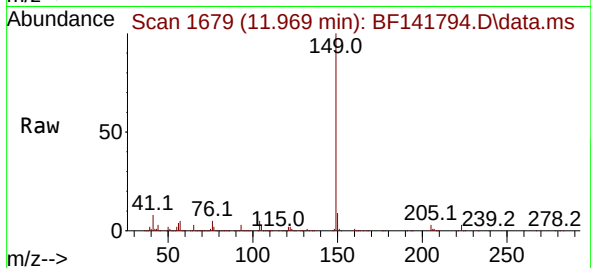
#74
Di-n-butylphthalate
Concen: 5.560 ng
RT: 11.969 min Scan# 1679
Delta R.T. -0.006 min
Lab File: BF141794.D
Acq: 27 Feb 2025 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



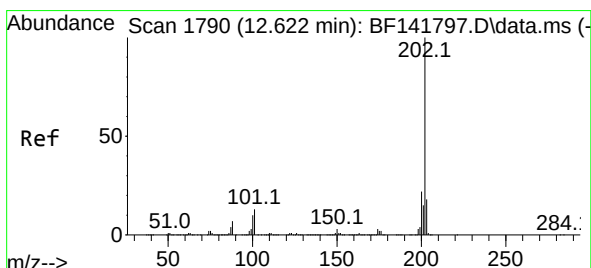
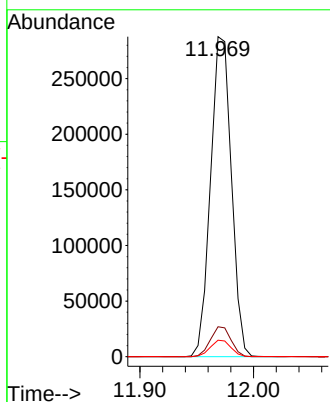
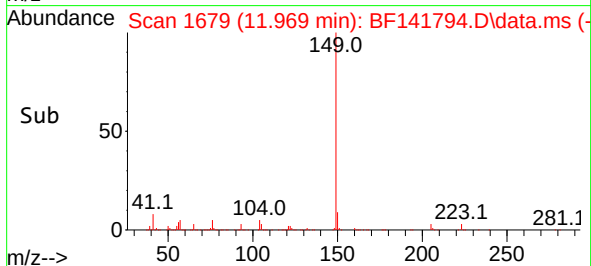
Tgt Ion:149 Resp: 367349
Ion Ratio Lower Upper
149 100
150 9.4 7.7 11.5
104 5.1 4.4 6.6

Manual Integrations

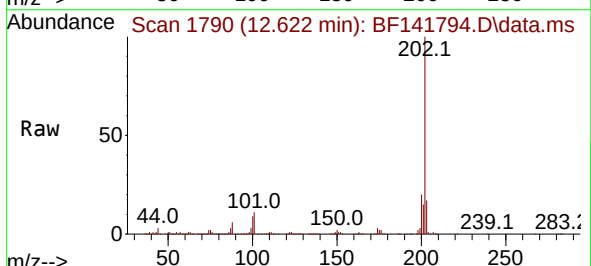
APPROVED

Reviewed By :Yogesh Patel 02/28/2025

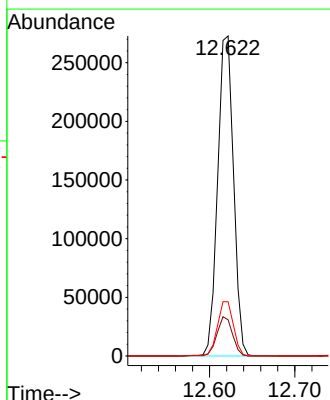
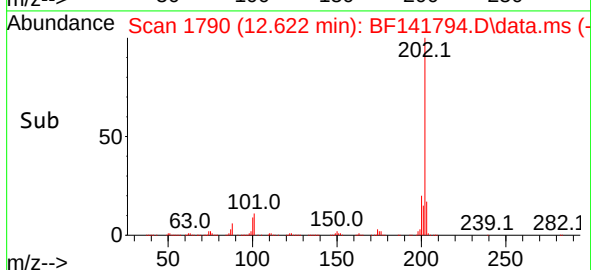
Supervised By :mohammad ahmed 02/28/2025

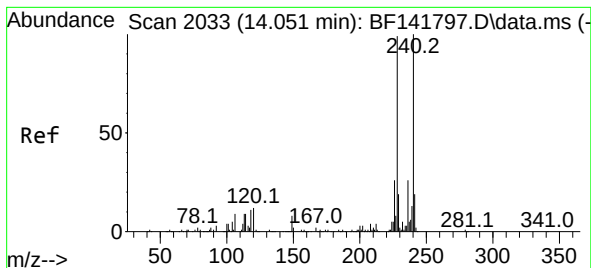


#75
Fluoranthene
Concen: 5.861 ng
RT: 12.622 min Scan# 1790
Delta R.T. -0.000 min
Lab File: BF141794.D
Acq: 27 Feb 2025 15:46



Tgt Ion:202 Resp: 353684
Ion Ratio Lower Upper
202 100
101 11.3 0.0 32.8
203 16.9 0.0 38.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2033

Delta R.T. -0.006 min

Lab File: BF141794.D

Acq: 27 Feb 2025 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:240 Resp: 85255

Ion Ratio Lower Upper

240 100

120 12.8 9.7 14.5

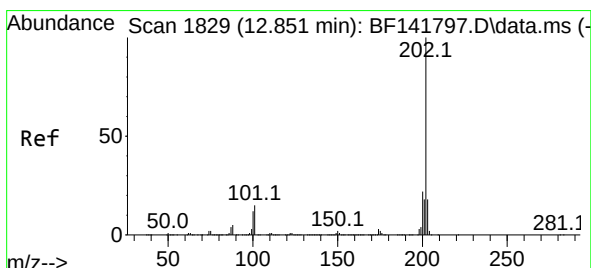
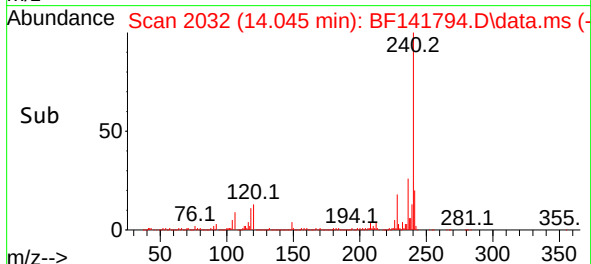
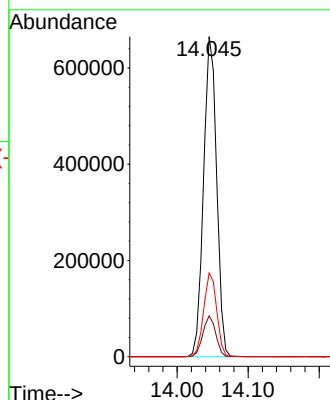
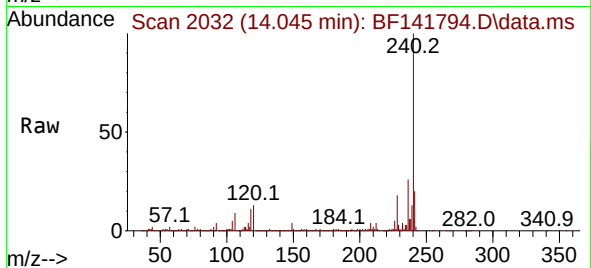
236 26.2 21.0 31.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/28/2025

Supervised By :mohammad ahmed 02/28/2025



#78

Pyrene

Concen: 4.903 ng

RT: 12.845 min Scan# 1828

Delta R.T. -0.006 min

Lab File: BF141794.D

Acq: 27 Feb 2025 15:46

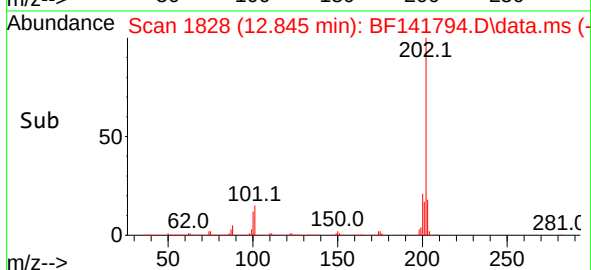
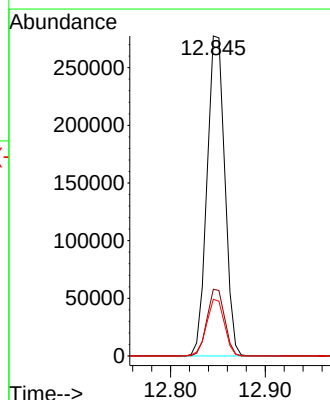
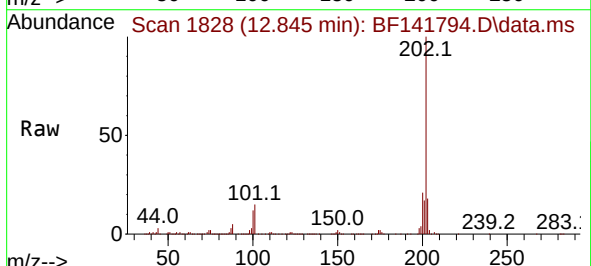
Tgt Ion:202 Resp: 361938

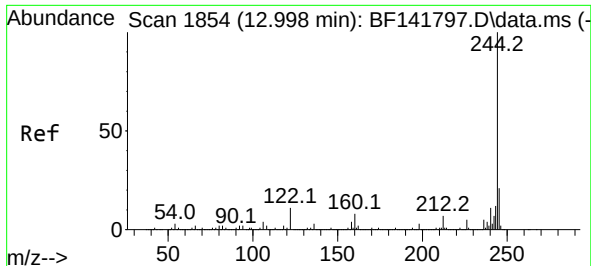
Ion Ratio Lower Upper

202 100

200 20.8 17.4 26.0

203 17.7 14.6 22.0





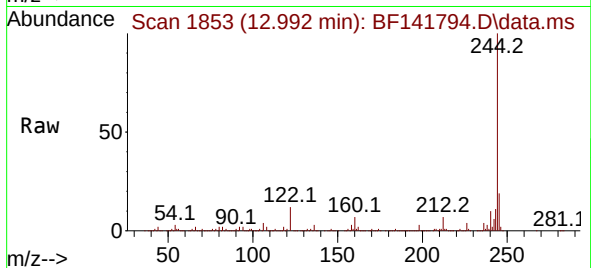
#79
 Terphenyl-d14
 Concen: 10.112 ng
 RT: 12.992 min Scan# 1853
 Delta R.T. -0.006 min
 Lab File: BF141794.D
 Acq: 27 Feb 2025 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

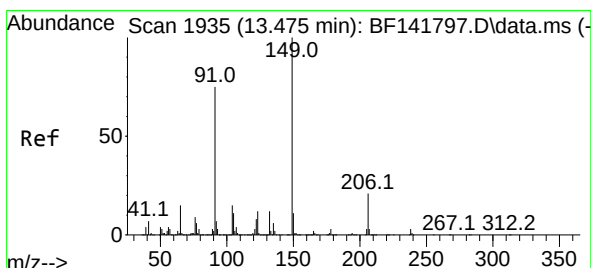
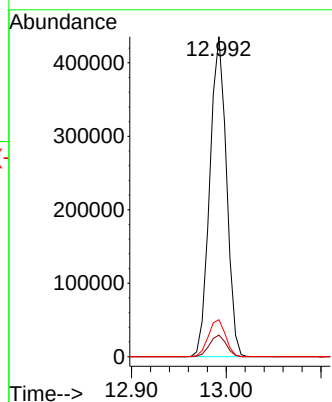
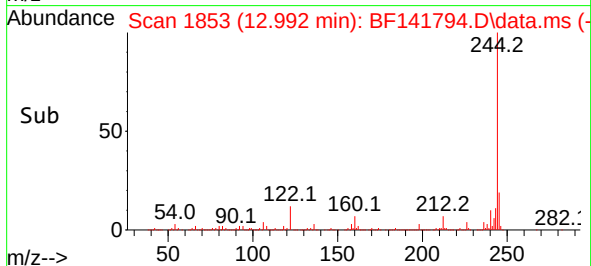


Tgt Ion:244 Resp: 53285
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 11.5 9.0 13.6

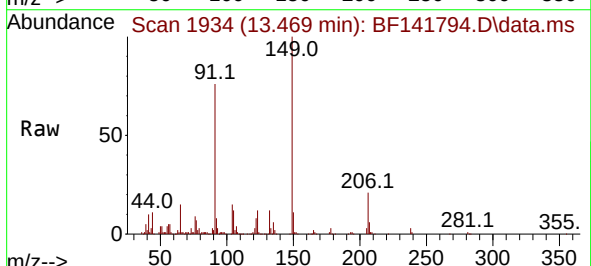
Manual Integrations

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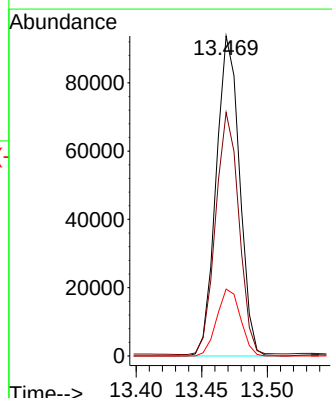
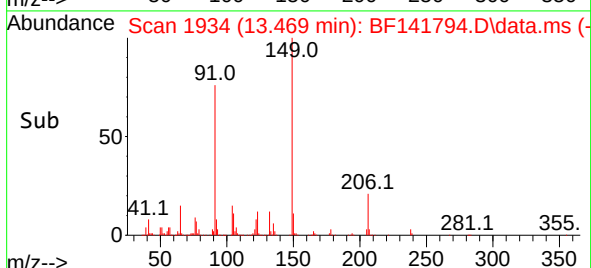
Reviewed By :Yogesh Patel 02/28/2025
 Supervised By :mohammad ahmed 02/28/2025

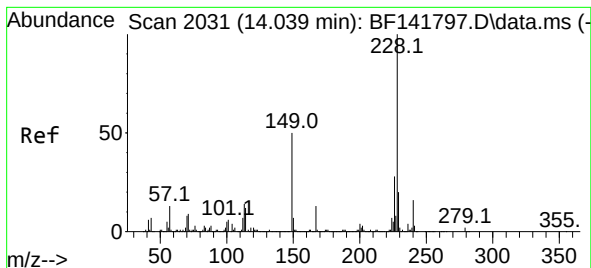


#80
 Butylbenzylphthalate
 Concen: 4.341 ng
 RT: 13.469 min Scan# 1934
 Delta R.T. -0.006 min
 Lab File: BF141794.D
 Acq: 27 Feb 2025 15:46



Tgt Ion:149 Resp: 116439
 Ion Ratio Lower Upper
 149 100
 91 76.1 60.1 90.1
 206 20.9 16.8 25.2





#81

Benzo(a)anthracene

Concen: 5.174 ng

RT: 14.033 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF141794.D

Acq: 27 Feb 2025 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:228 Resp: 29137

Ion Ratio Lower Upper

228 100

226 26.5 22.1 33.1

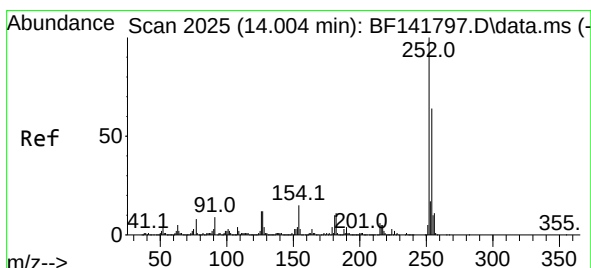
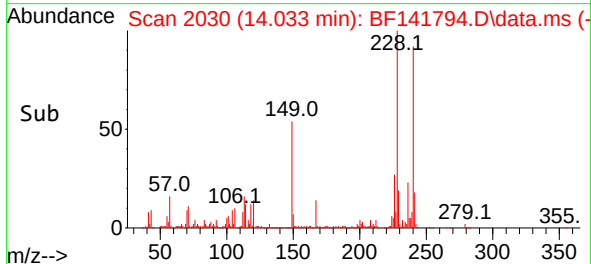
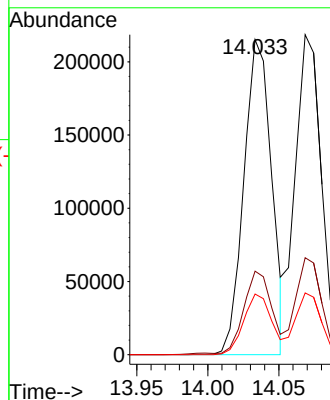
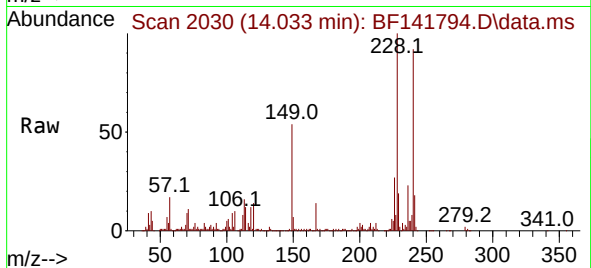
229 19.3 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/28/2025

Supervised By :mohammad ahmed 02/28/2025



#82

3,3'-Dichlorobenzidine

Concen: 5.353 ng

RT: 13.998 min Scan# 2024

Delta R.T. -0.006 min

Lab File: BF141794.D

Acq: 27 Feb 2025 15:46

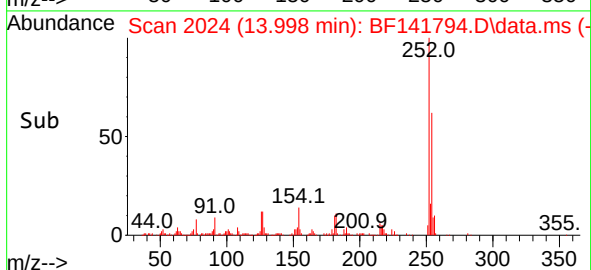
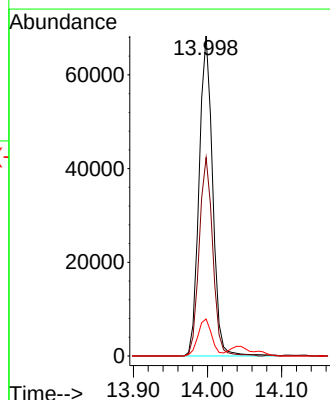
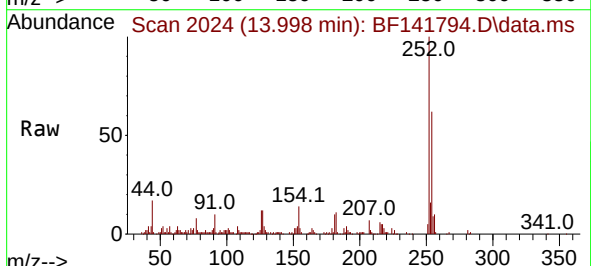
Tgt Ion:252 Resp: 86483

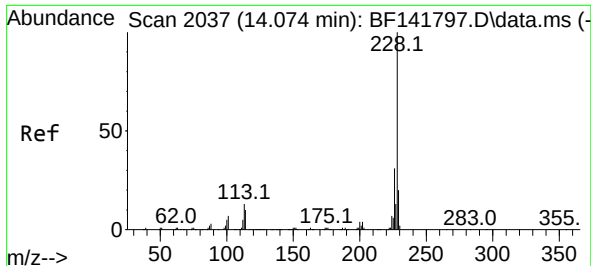
Ion Ratio Lower Upper

252 100

254 62.0 51.4 77.0

126 11.6 9.8 14.6





#83
Chrysene
Concen: 5.348 ng
RT: 14.069 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF141794.D
Acq: 27 Feb 2025 15:46

Instrument :

BNA_F

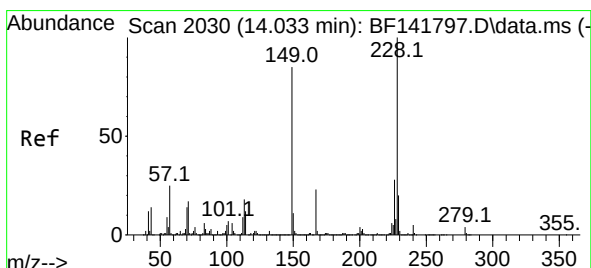
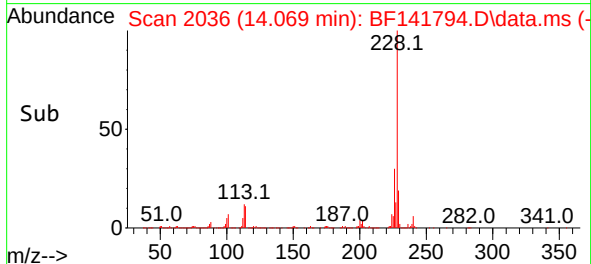
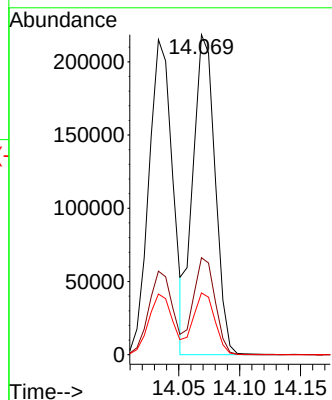
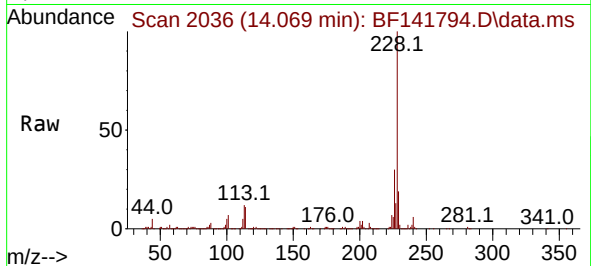
ClientSampleId :

SSTDICC005

Tgt Ion:228 Resp: 277632
Ion Ratio Lower Upper
228 100
226 30.3 24.6 37.0
229 19.3 16.1 24.1

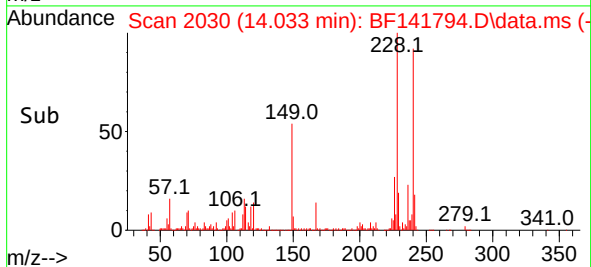
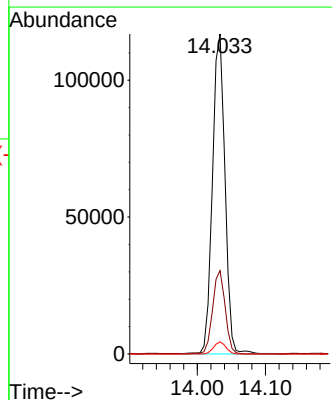
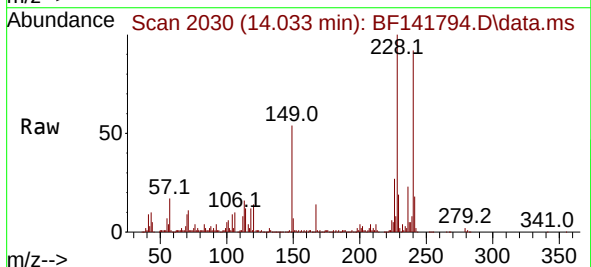
Manual Integrations
APPROVED

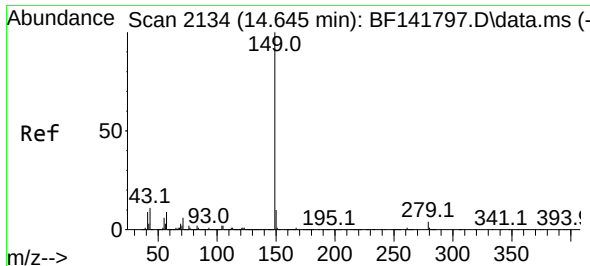
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 4.482 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF141794.D
Acq: 27 Feb 2025 15:46

Tgt Ion:149 Resp: 149689
Ion Ratio Lower Upper
149 100
167 26.1 21.2 31.8
279 3.8 3.3 4.9





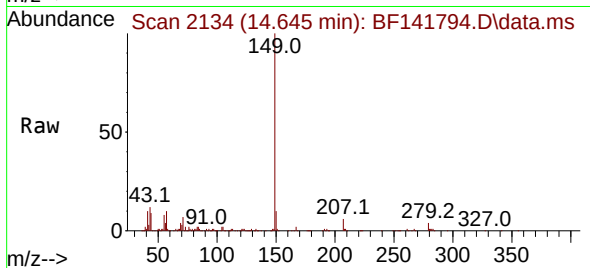
#85
Di-n-octyl phthalate
Concen: 3.848 ng
RT: 14.645 min Scan# 2134
Delta R.T. -0.000 min
Lab File: BF141794.D
Acq: 27 Feb 2025 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

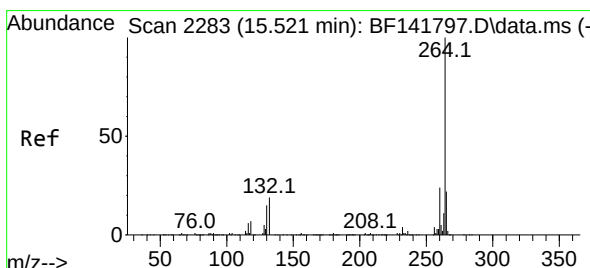
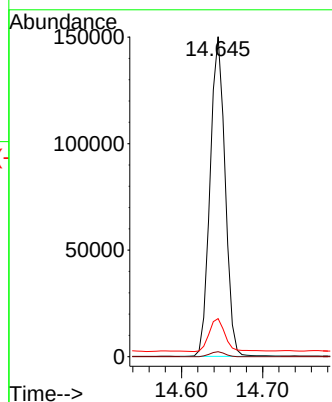
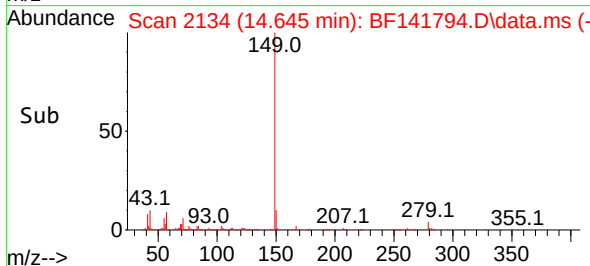


Tgt Ion:149 Resp: 192390
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.2 8.6 12.8

Manual Integrations

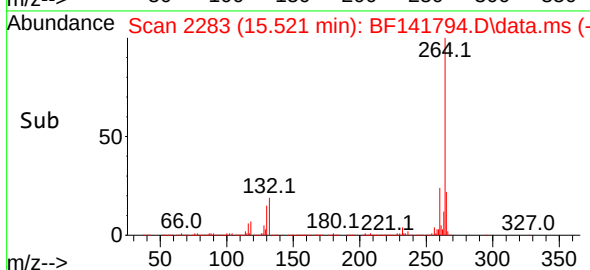
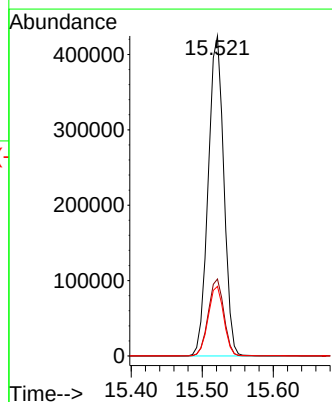
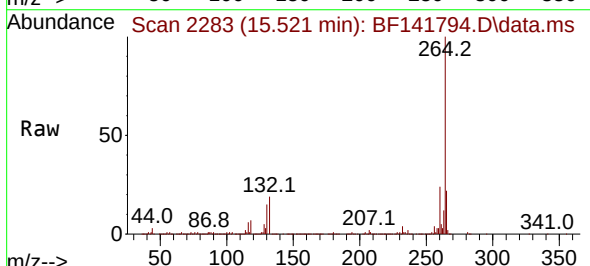
APPROVED

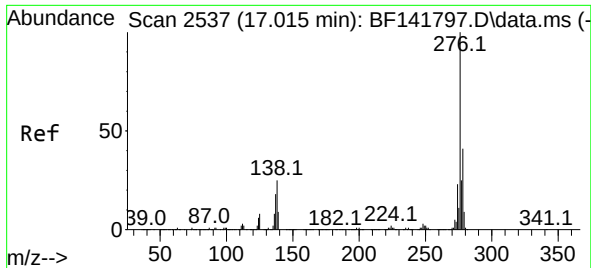
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2283
Delta R.T. -0.000 min
Lab File: BF141794.D
Acq: 27 Feb 2025 15:46

Tgt Ion:264 Resp: 648925
Ion Ratio Lower Upper
264 100
260 24.0 18.9 28.3
265 21.8 17.4 26.0





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 4.309 ng
 RT: 16.998 min Scan# 2109
 Delta R.T. -0.018 min
 Lab File: BF141794.D
 Acq: 27 Feb 2025 15:46

Instrument :

BNA_F

ClientSampleId :

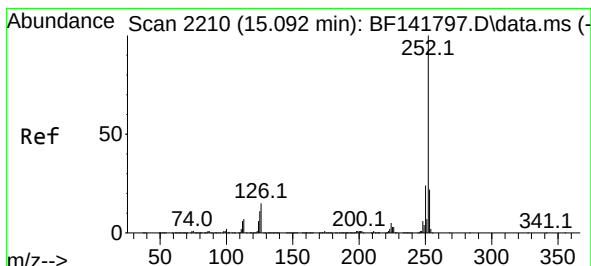
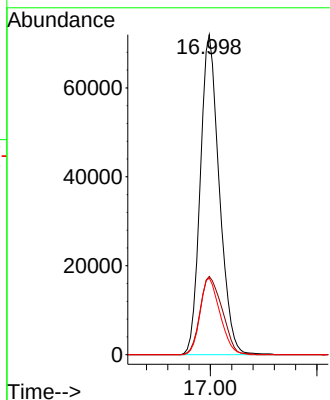
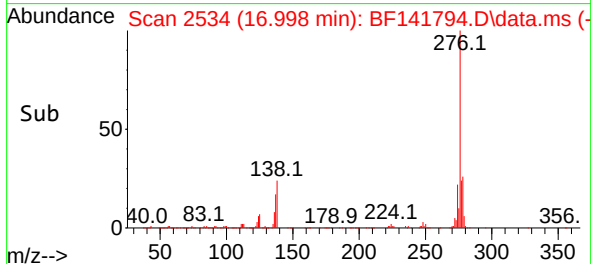
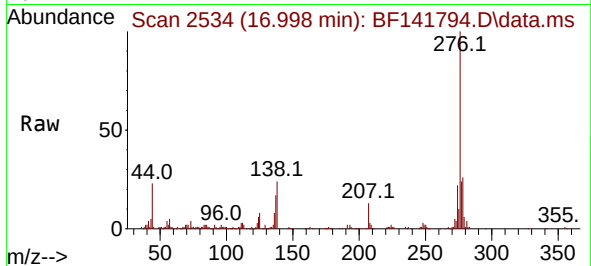
SSTDICC005

Tgt Ion:276 Resp: 178035
 Ion Ratio Lower Upper
 276 100
 138 28.4 22.5 33.7
 277 25.0 20.3 30.5

Manual Integrations

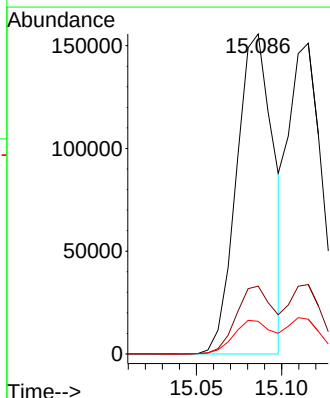
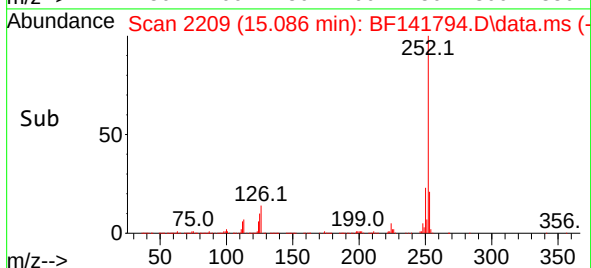
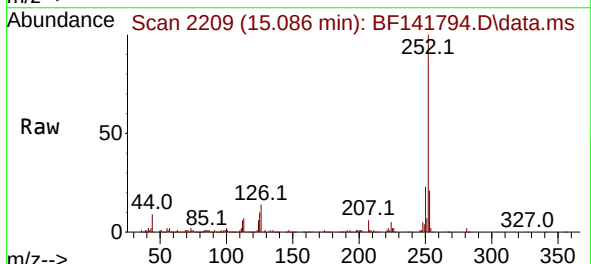
APPROVED

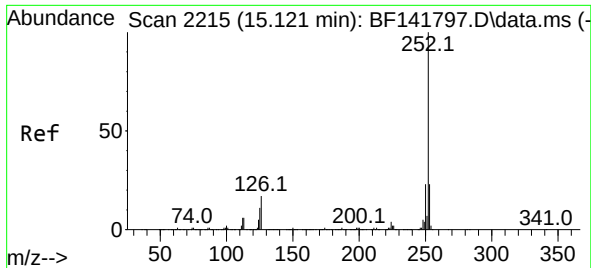
Reviewed By :Yogesh Patel 02/28/2025
 Supervised By :mohammad ahmed 02/28/2025



#88
 Benzo(b)fluoranthene
 Concen: 5.294 ng
 RT: 15.086 min Scan# 2209
 Delta R.T. -0.006 min
 Lab File: BF141794.D
 Acq: 27 Feb 2025 15:46

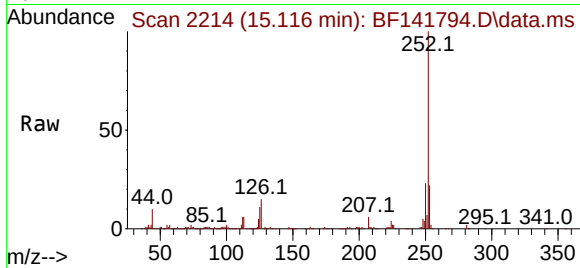
Tgt Ion:252 Resp: 233991
 Ion Ratio Lower Upper
 252 100
 253 21.2 17.7 26.5
 125 10.2 8.6 13.0





#89
Benzo(k)fluoranthene
Concen: 5.499 ng
RT: 15.116 min Scan# 2214
Delta R.T. -0.006 min
Lab File: BF141794.D
Acq: 27 Feb 2025 15:46

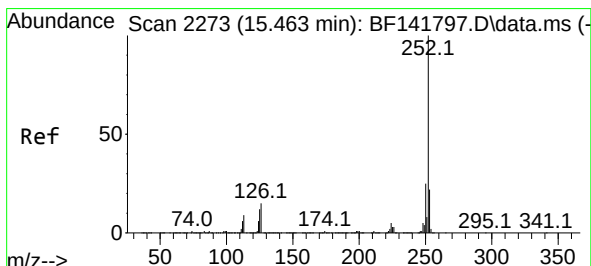
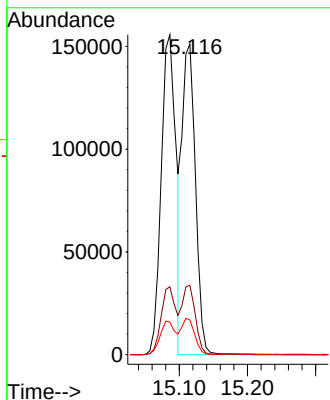
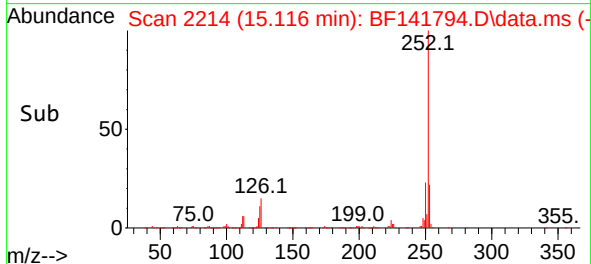
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:252 Resp: 206614
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 11.2 8.8 13.2

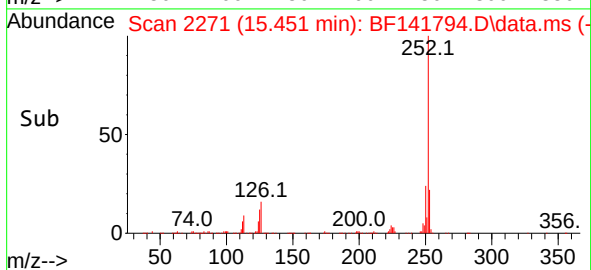
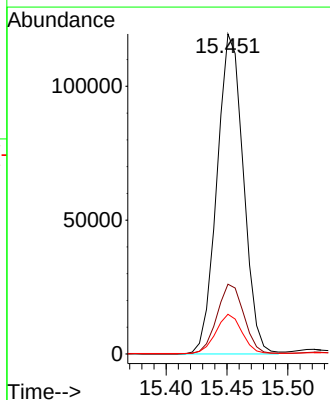
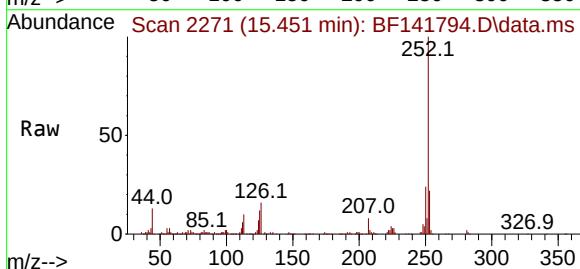
Manual Integrations
APPROVED

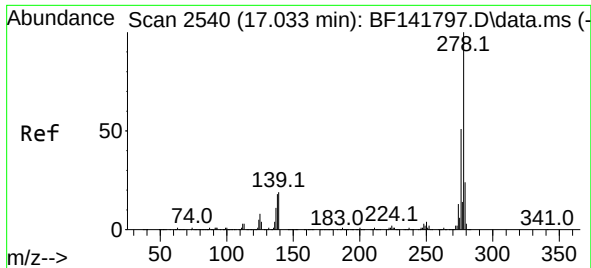
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025



#90
Benzo(a)pyrene
Concen: 5.091 ng
RT: 15.451 min Scan# 2271
Delta R.T. -0.012 min
Lab File: BF141794.D
Acq: 27 Feb 2025 15:46

Tgt Ion:252 Resp: 180486
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 12.4 9.4 14.2





#91
Dibenzo(a,h)anthracene
Concen: 4.337 ng
RT: 17.021 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF141794.D
Acq: 27 Feb 2025 15:46

Instrument :

BNA_F

ClientSampleId :

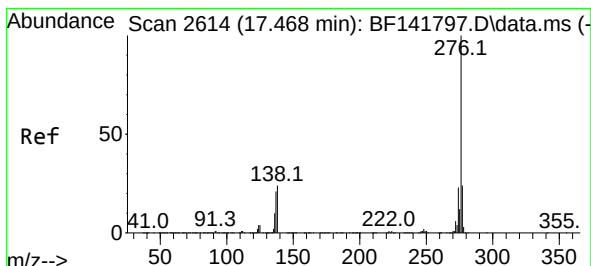
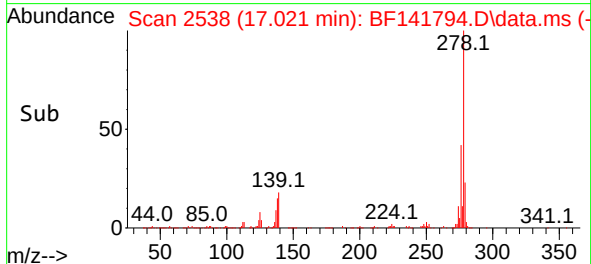
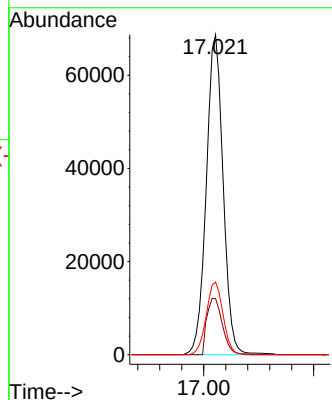
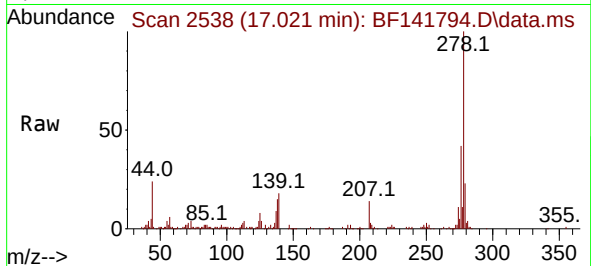
SSTDICC005

Tgt Ion:278 Resp: 146279
Ion Ratio Lower Upper
278 100
139 17.5 14.9 22.3
279 22.7 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025



#92
Benzo(g,h,i)perylene
Concen: 4.218 ng
RT: 17.445 min Scan# 2610
Delta R.T. -0.024 min
Lab File: BF141794.D
Acq: 27 Feb 2025 15:46

Tgt Ion:276 Resp: 145755
Ion Ratio Lower Upper
276 100
277 23.4 19.4 29.0
138 24.4 19.3 28.9

