

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
 Data File : BF141407.D
 Acq On : 04 Feb 2025 14:39
 Operator : RC/JU
 Sample : PB166426BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166426BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/05/2025
 Supervised By :mohammad ahmed 02/05/2025

Quant Time: Feb 04 15:34:26 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	82681	20.000	ng	-0.02
21) Naphthalene-d8	8.075	136	331184	20.000	ng	#-0.01
39) Acenaphthene-d10	9.827	164	180993	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	312610	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	234119	20.000	ng	-0.01
86) Perylene-d12	15.421	264	200536	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	713019	132.392	ng	0.00
7) Phenol-d6	6.434	99	872692	127.377	ng	0.00
23) Nitrobenzene-d5	7.357	82	579317	92.213	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	254875	153.605	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1099591	93.511	ng	-0.01
79) Terphenyl-d14	12.904	244	1365459	89.945	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.551	88	94708	39.985	ng	98
3) Pyridine	3.275	79	226080	39.615	ng	97
4) n-Nitrosodimethylamine	3.228	42	163446	50.135	ng	89
6) Aniline	6.451	93	217287	37.466	ng	# 10
8) 2-Chlorophenol	6.581	128	278040	48.166	ng	95
9) Benzaldehyde	6.334	77	25465	6.417	ng	98
10) Phenol	6.445	94	326970	45.020	ng	# 69
11) bis(2-Chloroethyl)ether	6.528	93	253314	45.490	ng	98
12) 1,3-Dichlorobenzene	6.728	146	289320	45.456	ng	99
13) 1,4-Dichlorobenzene	6.804	146	290732	45.469	ng	99
14) 1,2-Dichlorobenzene	6.957	146	278667	46.543	ng	99
15) Benzyl Alcohol	6.934	79	243779	52.066	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	425235	43.914	ng	56
17) 2-Methylphenol	7.057	107	215340	45.900	ng	# 88
18) Hexachloroethane	7.298	117	112078	47.515	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	192355	47.250	ng	99
20) 3+4-Methylphenols	7.204	107	278667	48.376	ng	94
22) Acetophenone	7.198	105	387286	49.197	ng	# 97
24) Nitrobenzene	7.375	77	291997	44.851	ng	99
25) Isophorone	7.610	82	512208	47.166	ng	99
26) 2-Nitrophenol	7.686	139	149139	48.573	ng	96
27) 2,4-Dimethylphenol	7.734	122	214302m	54.835	ng	
28) bis(2-Chloroethoxy)met...	7.822	93	311809	45.013	ng	99
29) 2,4-Dichlorophenol	7.939	162	228705	47.802	ng	99
30) 1,2,4-Trichlorobenzene	8.016	180	242234	44.333	ng	100
31) Naphthalene	8.092	128	799068	45.673	ng	100
32) Benzoic acid	7.857	122	173870	48.396	ng	97
33) 4-Chloroaniline	8.145	127	111900	18.861	ng	99
34) Hexachlorobutadiene	8.210	225	153801	47.999	ng	99
35) Caprolactam	8.510	113	71389m	45.688	ng	
36) 4-Chloro-3-methylphenol	8.639	107	252782	49.256	ng	97
37) 2-Methylnaphthalene	8.786	142	524031	47.126	ng	99
38) 1-Methylnaphthalene	8.886	142	488613	44.732	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	244141	47.415	ng	98
41) Hexachlorocyclopentadiene	8.939	237	292771	192.529	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	164492	48.807	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	173420	47.278	ng	98
46) 1,1'-Biphenyl	9.251	154	655951	46.471	ng	99
47) 2-Chloronaphthalene	9.275	162	489548	44.496	ng	99
48) 2-Nitroaniline	9.375	65	170280	49.205	ng	97
49) Acenaphthylene	9.692	152	760954	49.410	ng	100
50) Dimethylphthalate	9.557	163	593755	48.572	ng	100
51) 2,6-Dinitrotoluene	9.616	165	132856	46.808	ng	98
52) Acenaphthene	9.863	154	591701m	53.779	ng	
53) 3-Nitroaniline	9.786	138	80709	29.013	ng	99
54) 2,4-Dinitrophenol	9.898	184	154693	117.244	ng	93
55) Dibenzofuran	10.039	168	700235	47.547	ng	97
56) 4-Nitrophenol	9.969	139	212195	104.299	ng	90
57) 2,4-Dinitrotoluene	10.022	165	183846	50.028	ng	94
58) Fluorene	10.380	166	560118	49.031	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	154775	53.634	ng	98
60) Diethylphthalate	10.257	149	586751	49.503	ng	99
61) 4-Chlorophenyl-phenyle...	10.374	204	268913	48.191	ng	97
62) 4-Nitroaniline	10.404	138	135954	49.710	ng	94
63) Azobenzene	10.533	77	564907	47.614	ng	98
65) 4,6-Dinitro-2-methylph...	10.433	198	109062	58.982	ng	96
66) n-Nitrosodiphenylamine	10.492	169	490366	48.499	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	169955	48.562	ng	99
68) Hexachlorobenzene	10.927	284	181362	48.853	ng	98
69) Atrazine	11.022	200	175099	51.796	ng	99
70) Pentachlorophenol	11.127	266	224331	103.193	ng	99
71) Phenanthrene	11.345	178	861852	51.288	ng	100
72) Anthracene	11.392	178	882833	53.619	ng	99
73) Carbazole	11.551	167	770620	52.783	ng	99
74) Di-n-butylphthalate	11.880	149	922589	52.143	ng	99
75) Fluoranthene	12.533	202	925902	55.804	ng	98
77) Benzidine	12.657	184	182119	24.265	ng	99
78) Pyrene	12.763	202	951626	42.345	ng	100
80) Butylbenzylphthalate	13.380	149	386308	49.204	ng	99
81) Benzo(a)anthracene	13.951	228	745476	46.144	ng	99
82) 3,3'-Dichlorobenzidine	13.915	252	128195	24.949	ng	99
83) Chrysene	13.992	228	722130	48.772	ng	99
84) Bis(2-ethylhexyl)phtha...	13.945	149	509487	51.156	ng	99
85) Di-n-octyl phthalate	14.568	149	801166	51.792	ng	99
87) Indeno(1,2,3-cd)pyrene	16.868	276	638218	49.309	ng	96
88) Benzo(b)fluoranthene	15.004	252	697768	55.316	ng	99
89) Benzo(k)fluoranthene	15.033	252	528168	47.265	ng	99
90) Benzo(a)pyrene	15.362	252	566504	53.145	ng	98
91) Dibenzo(a,h)anthracene	16.886	278	511474	49.118	ng	98
92) Benzo(g,h,i)perylene	17.309	276	479740	44.307	ng	95

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

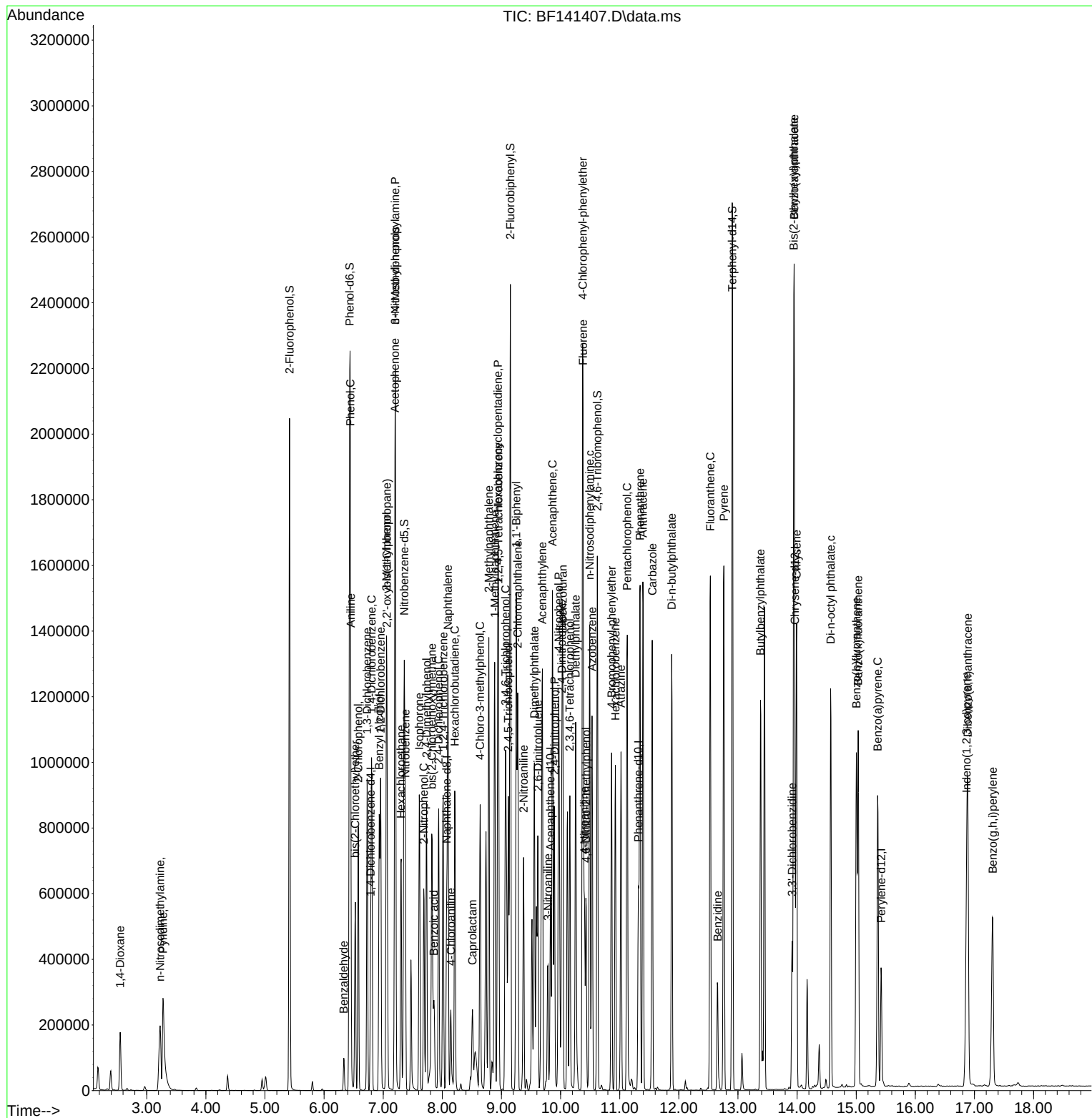
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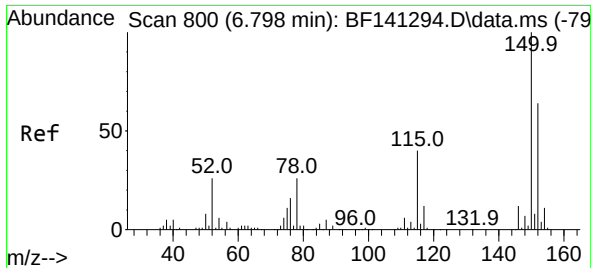
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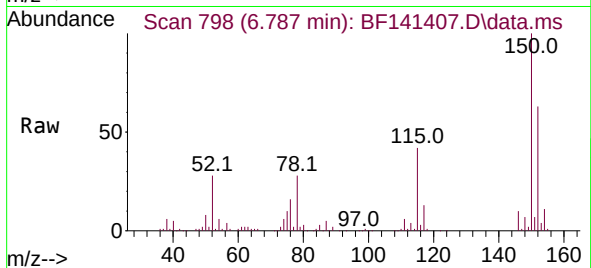
Reviewed By :Yogesh Patel 02/05/2025
 Supervised By :mohammad ahmed 02/05/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.018 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

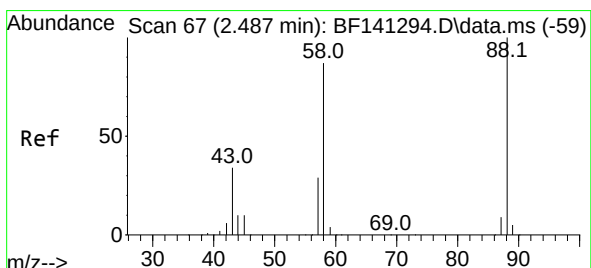
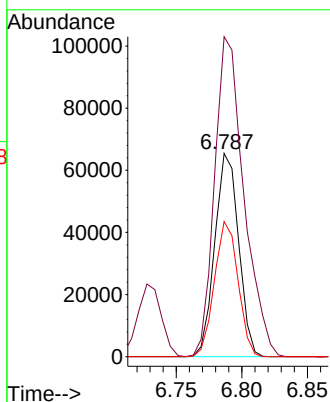
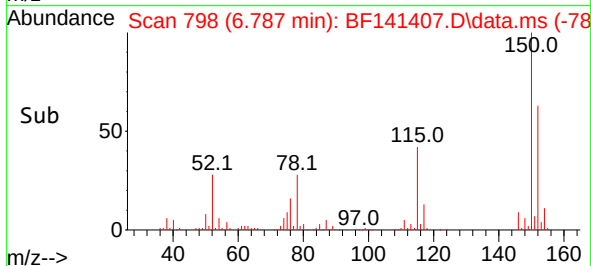
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:152 Resp: 8268
Ion Ratio Lower Upper
152 100
150 157.5 125.9 188.9
115 66.5 49.7 74.5

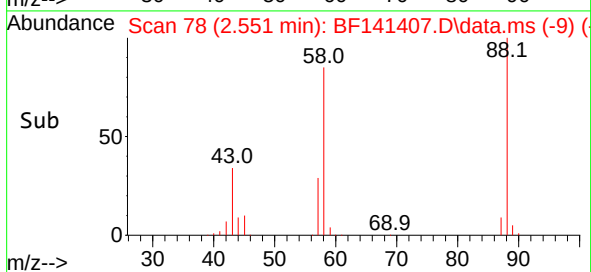
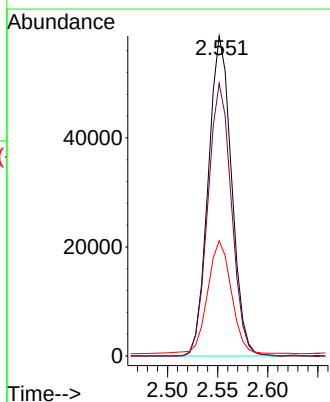
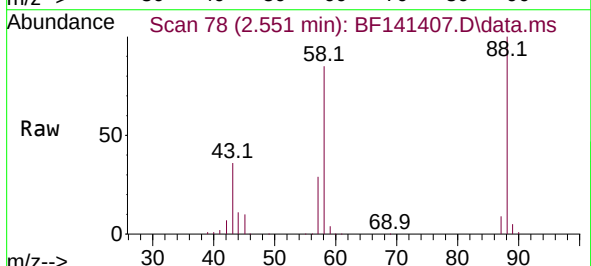
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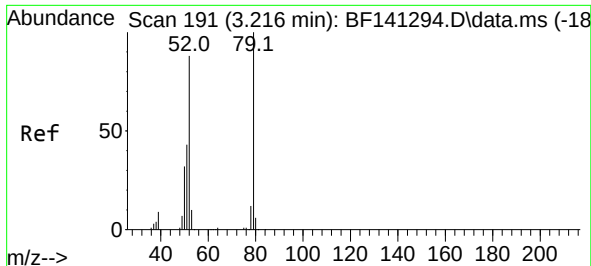
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#2
1,4-Dioxane
Concen: 39.985 ng
RT: 2.551 min Scan# 78
Delta R.T. 0.059 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

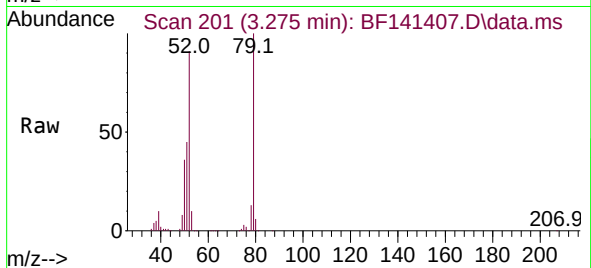
Tgt Ion: 88 Resp: 94708
Ion Ratio Lower Upper
88 100
58 86.5 70.2 105.4
43 36.1 27.6 41.4





#3
Pyridine
Concen: 39.615 ng
RT: 3.275 min Scan# 201
Delta R.T. 0.047 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

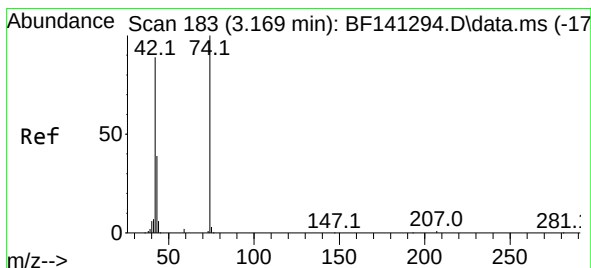
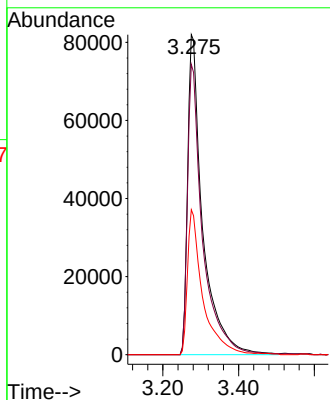
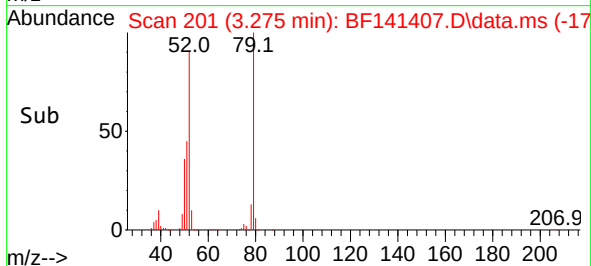
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ClientSampleId :
PB166426BS



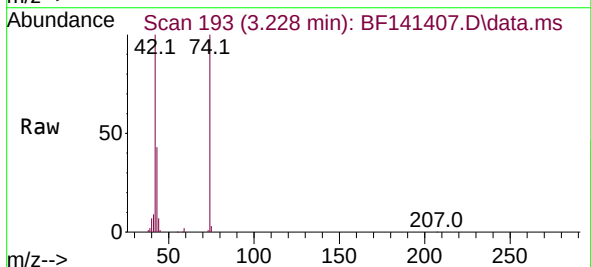
Tgt Ion: 79 Resp: 226080
Ion Ratio Lower Upper
79 100
52 90.7 70.3 105.5
51 45.3 34.3 51.5

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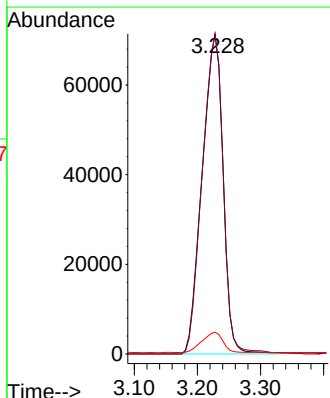
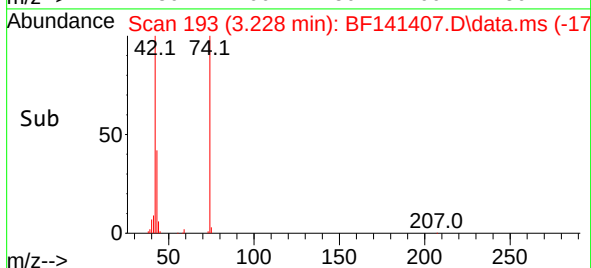
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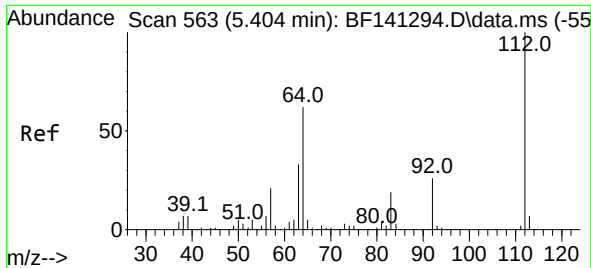


#4
n-Nitrosodimethylamine
Concen: 50.135 ng
RT: 3.228 min Scan# 193
Delta R.T. 0.029 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39



Tgt Ion: 42 Resp: 163446
Ion Ratio Lower Upper
42 100
74 100.1 90.3 135.5
44 6.8 5.7 8.5





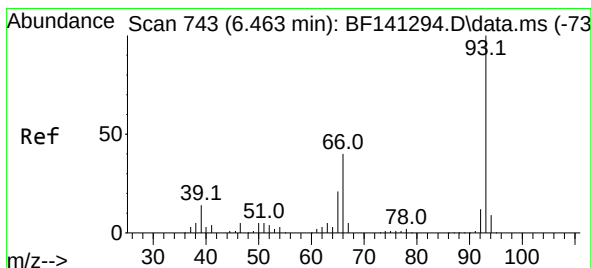
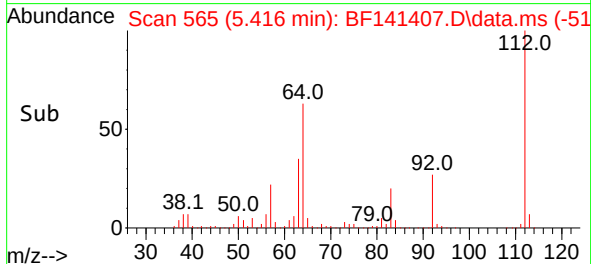
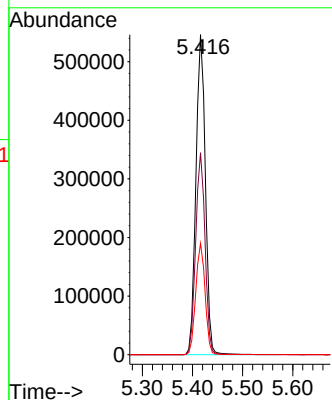
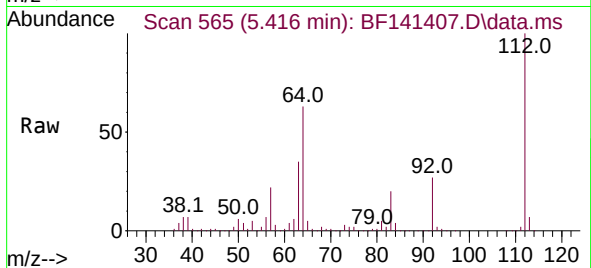
#5
2-Fluorophenol
Concen: 132.392 ng
RT: 5.416 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

Instrument :
BNA_F
ClientSampleId :
PB166426BS

Tgt Ion:112 Resp: 713019
Ion Ratio Lower Upper
112 100
64 63.1 49.8 74.8
63 34.8 26.1 39.1

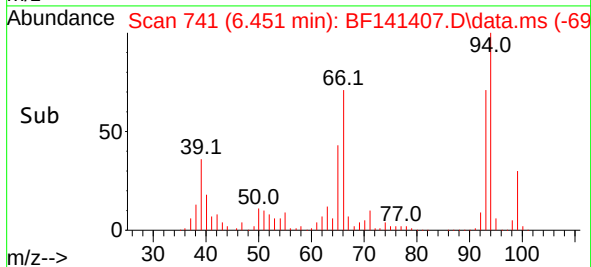
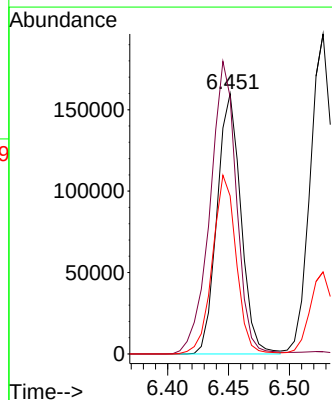
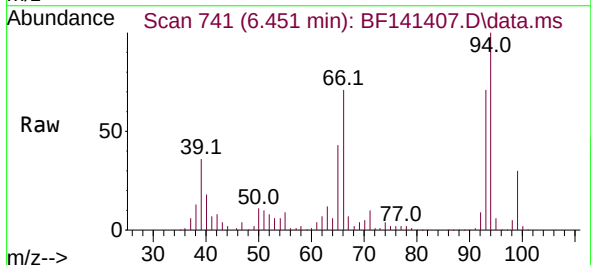
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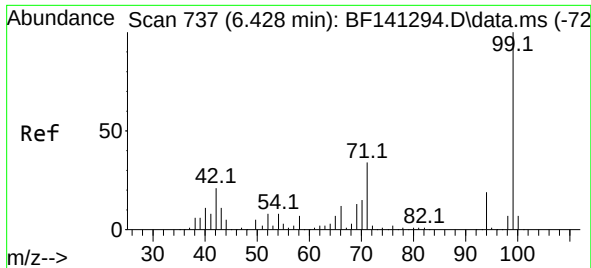
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#6
Aniline
Concen: 37.466 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.018 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

Tgt Ion: 93 Resp: 217287
Ion Ratio Lower Upper
93 100
66 98.7 32.5 48.7#
65 60.7 17.0 25.6#





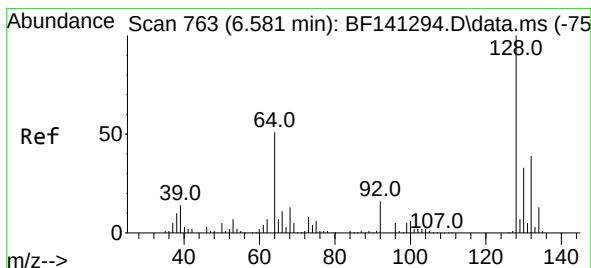
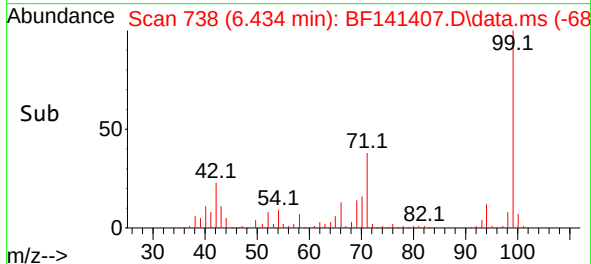
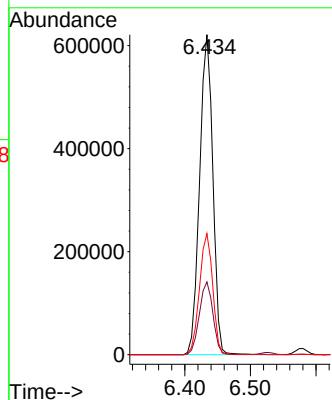
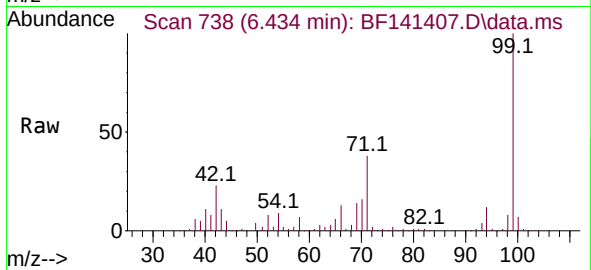
#7
Phenol-d6
Concen: 127.377 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

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Tgt Ion: 99 Resp: 872692
Ion Ratio Lower Upper
99 100
42 22.7 17.1 25.7
71 37.8 26.9 40.3

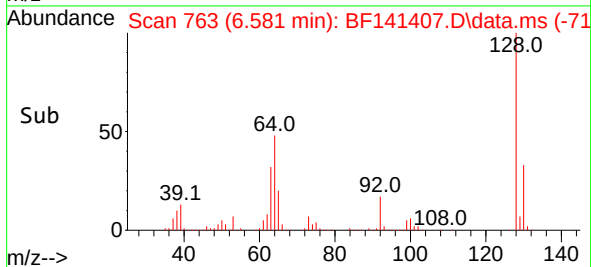
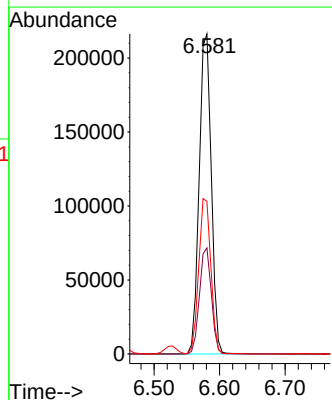
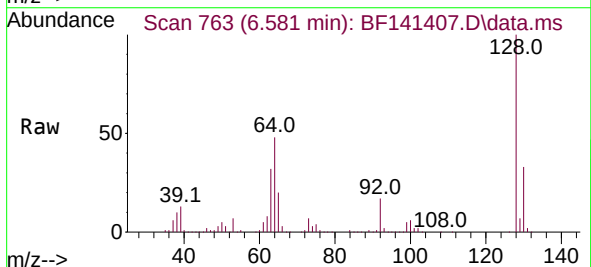
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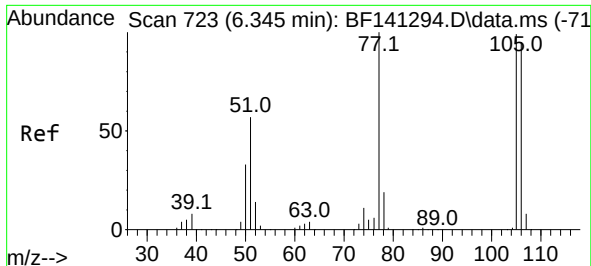
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#8
2-Chlorophenol
Concen: 48.166 ng
RT: 6.581 min Scan# 763
Delta R.T. -0.012 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

Tgt Ion:128 Resp: 278040
Ion Ratio Lower Upper
128 100
130 33.2 12.5 52.5
64 47.7 32.9 72.9





#9

Benzaldehyde

Concen: 6.417 ng

RT: 6.334 min Scan# 71

Delta R.T. -0.018 min

Lab File: BF141407.D

Acq: 04 Feb 2025 14:39

Instrument :

BNA_F

ClientSampleId :

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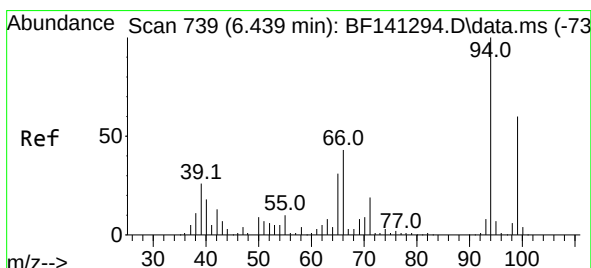
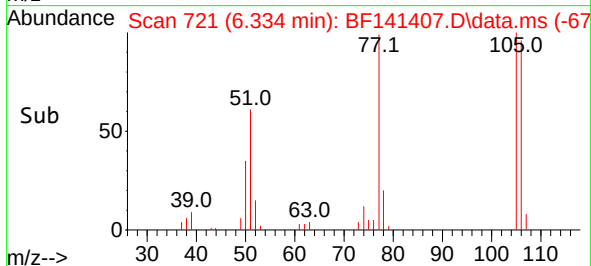
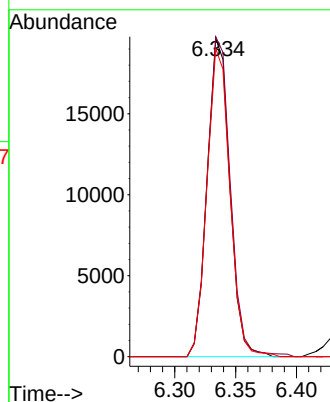
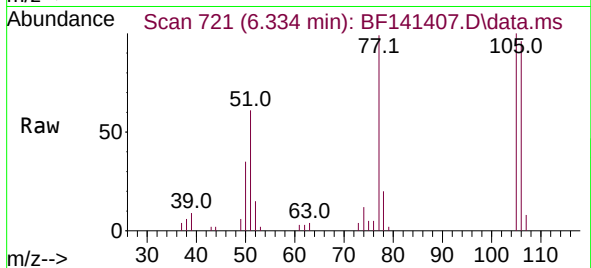
Tgt Ion: 77	Resp: 2546
Ion Ratio	Lower Upper
77 100	
105 100.6	79.4 119.4
106 96.8	74.6 114.6

Manual Integrations

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Supervised By :mohammad ahmed 02/05/2025



#10

Phenol

Concen: 45.020 ng

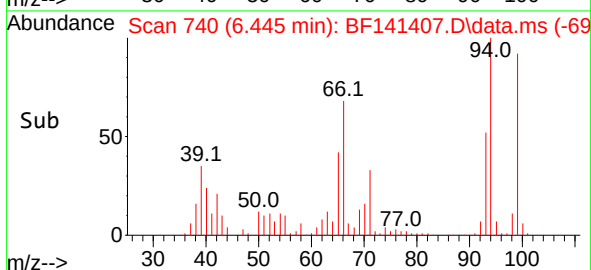
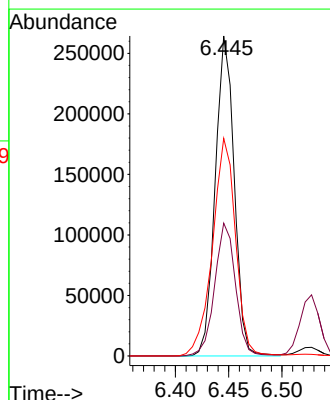
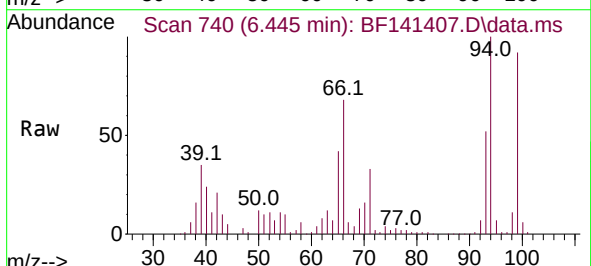
RT: 6.445 min Scan# 740

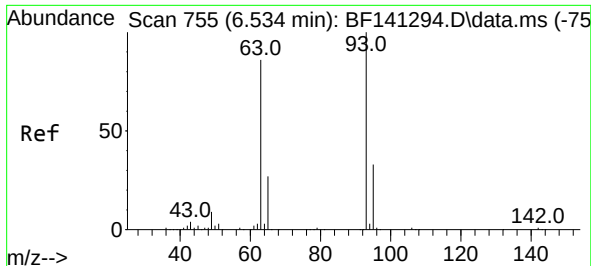
Delta R.T. -0.006 min

Lab File: BF141407.D

Acq: 04 Feb 2025 14:39

Tgt Ion: 94	Resp: 326970
Ion Ratio	Lower Upper
94 100	
65 41.5	10.8 50.8
66 68.0	23.3 63.3





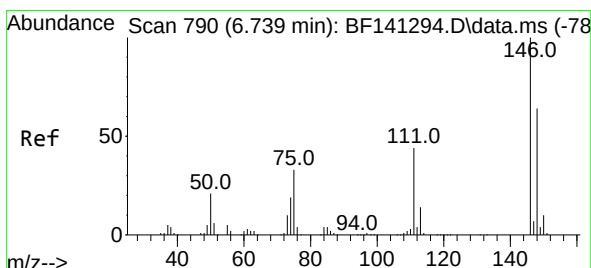
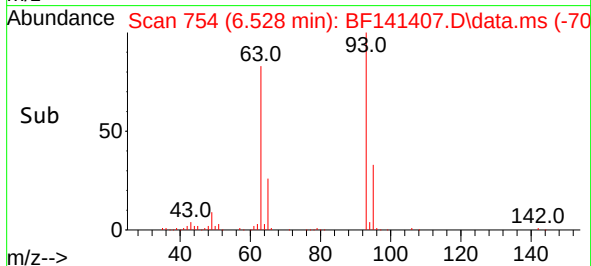
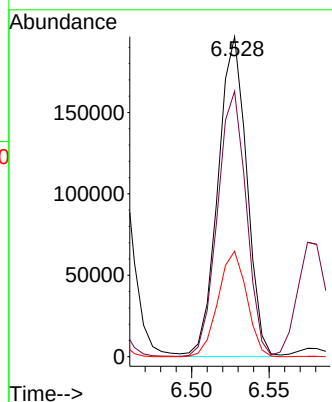
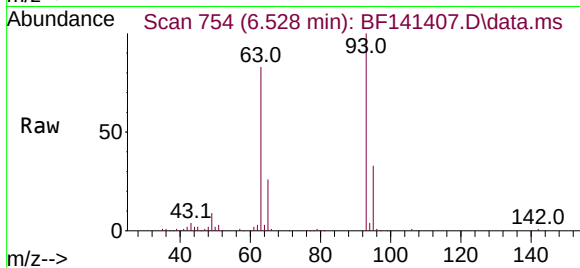
#11
bis(2-Chloroethyl)ether
Concen: 45.490 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.018 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

Instrument :
BNA_F
ClientSampleId :
PB166426BS

Tgt Ion: 93 Resp: 253314
Ion Ratio Lower Upper
93 100
63 83.0 65.0 105.0
95 33.0 12.4 52.4

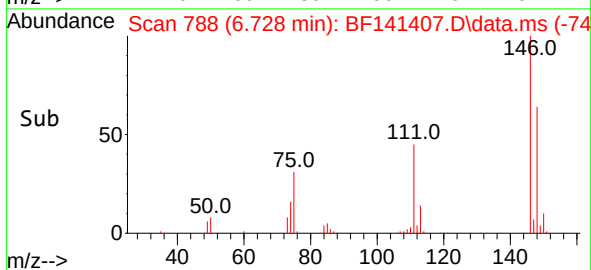
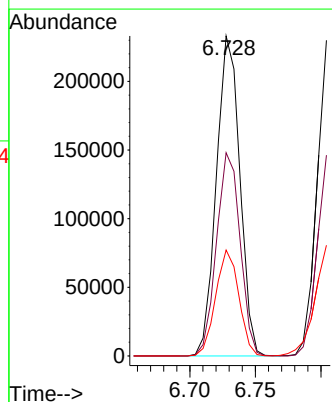
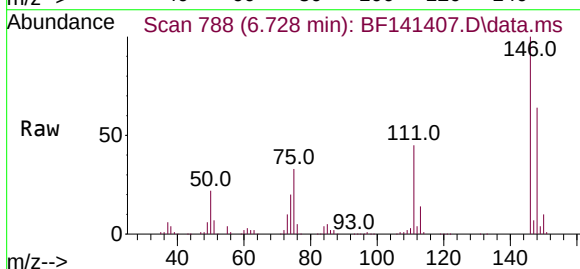
Manual Integrations
APPROVED

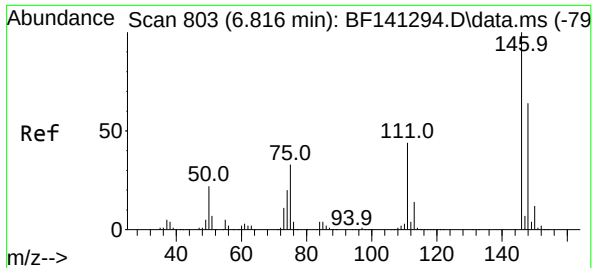
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#12
1,3-Dichlorobenzene
Concen: 45.456 ng
RT: 6.728 min Scan# 788
Delta R.T. -0.018 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

Tgt Ion:146 Resp: 289320
Ion Ratio Lower Upper
146 100
148 63.5 51.2 76.8
75 33.1 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 45.469 ng

RT: 6.804 min Scan# 803

Delta R.T. -0.018 min

Lab File: BF141407.D

Acq: 04 Feb 2025 14:39

Instrument :

BNA_F

ClientSampleId :

PB166426BS

Tgt Ion:146 Resp: 290732

Ion Ratio Lower Upper

146 100

148 63.6 51.2 76.8

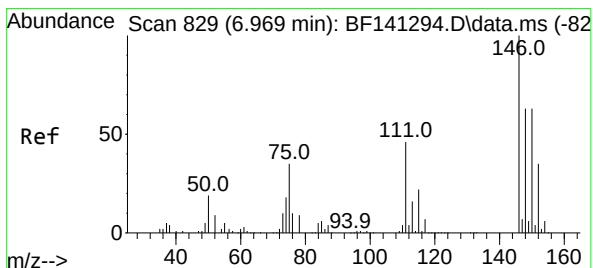
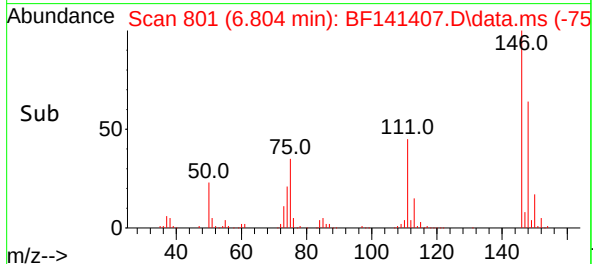
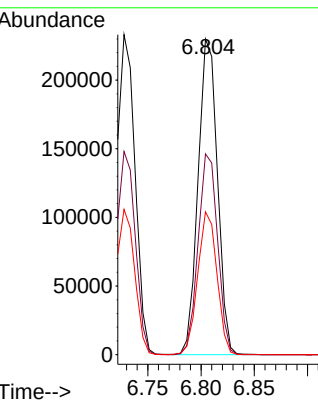
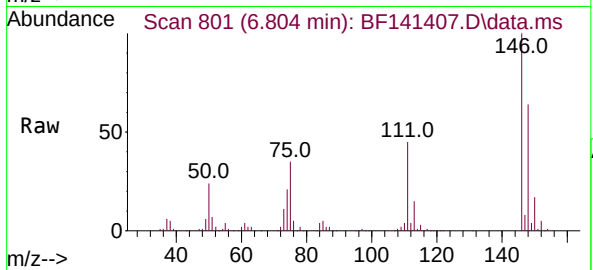
111 45.3 35.0 52.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/05/2025

Supervised By :mohammad ahmed 02/05/2025



#14

1,2-Dichlorobenzene

Concen: 46.543 ng

RT: 6.957 min Scan# 827

Delta R.T. -0.018 min

Lab File: BF141407.D

Acq: 04 Feb 2025 14:39

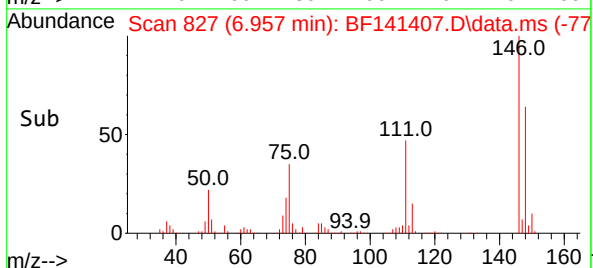
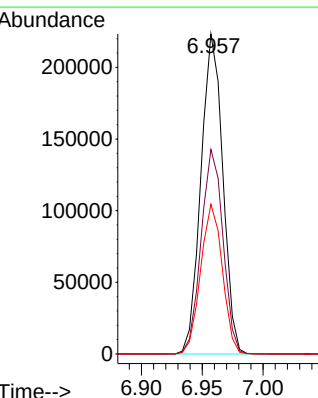
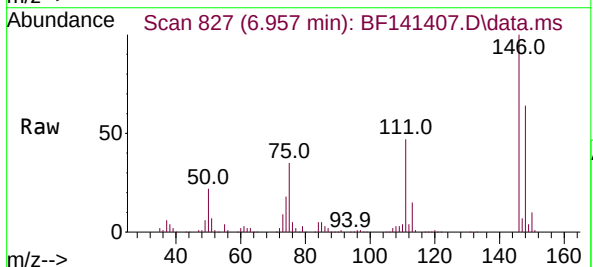
Tgt Ion:146 Resp: 278667

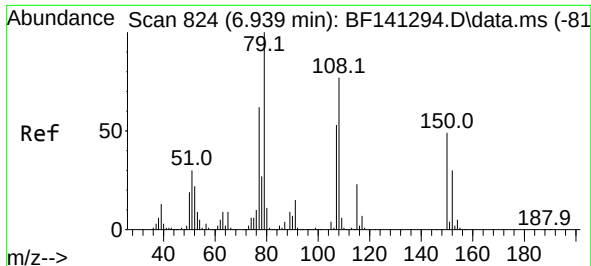
Ion Ratio Lower Upper

146 100

148 63.9 50.5 75.7

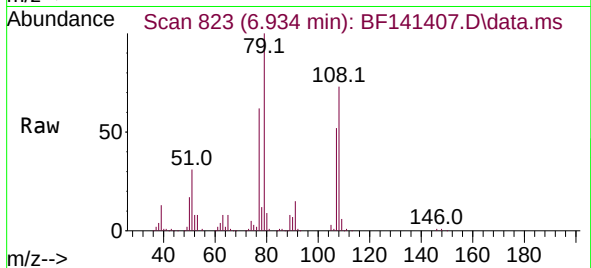
111 46.7 36.6 55.0





#15
Benzyl Alcohol
Concen: 52.066 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

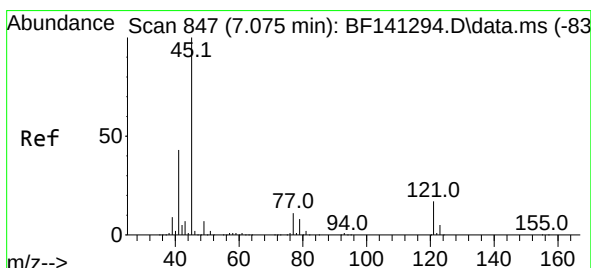
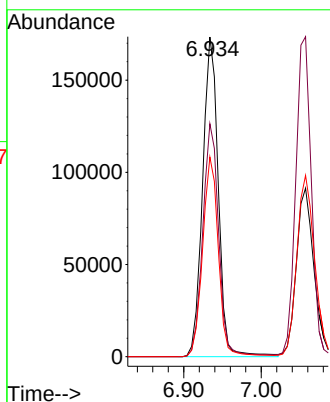
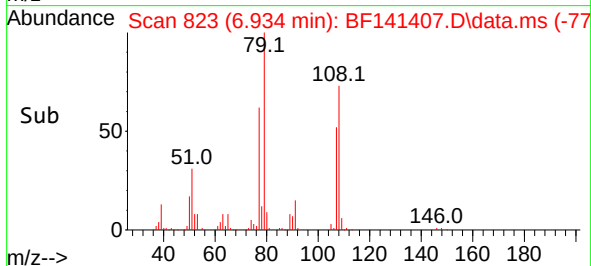
Instrument :
BNA_F
ClientSampleId :
PB166426BS



Tgt Ion: 79 Resp: 243779
Ion Ratio Lower Upper
79 100
108 72.9 61.4 92.0
77 62.5 49.9 74.9

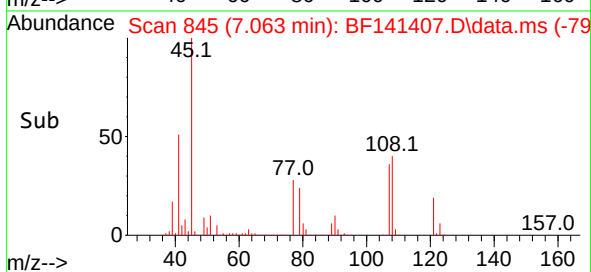
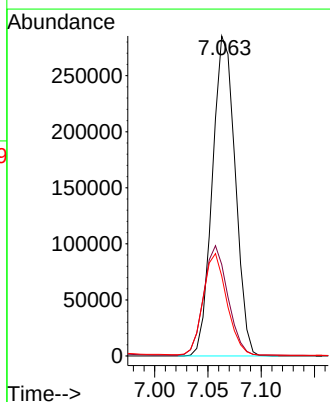
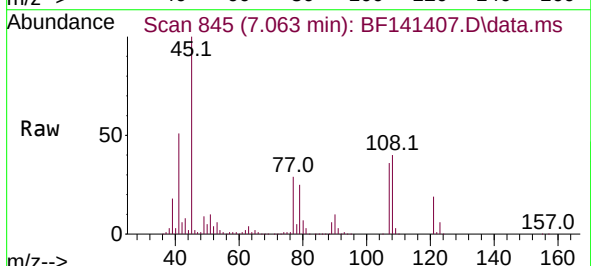
Manual Integrations
APPROVED

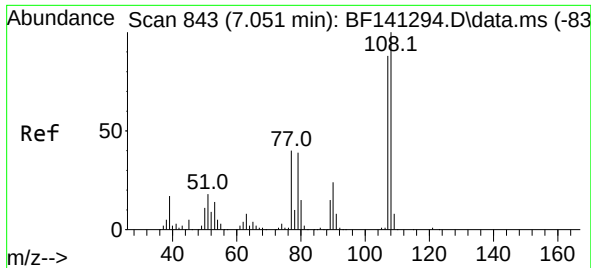
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.914 ng
RT: 7.063 min Scan# 845
Delta R.T. -0.018 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

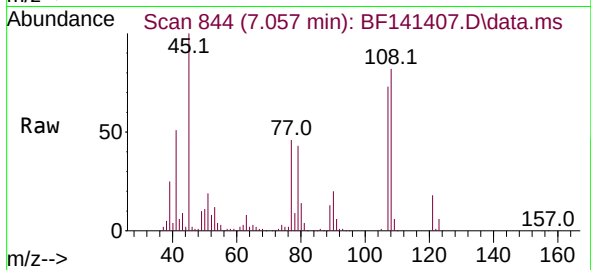
Tgt Ion: 45 Resp: 425235
Ion Ratio Lower Upper
45 100
77 28.6 0.0 31.8
79 25.0 0.0 29.1





#17
2-Methylphenol
Concen: 45.900 ng
RT: 7.057 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

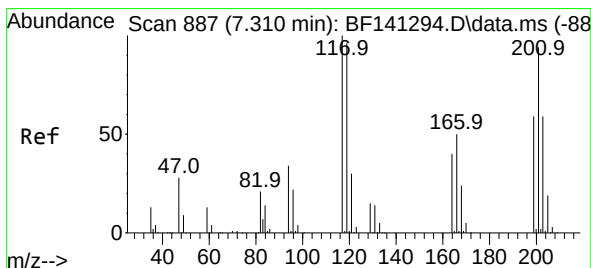
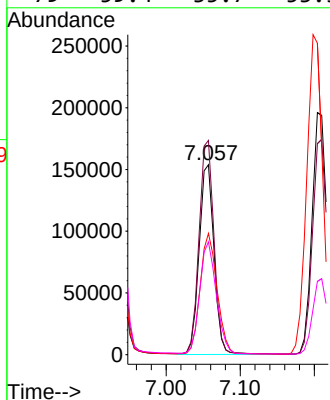
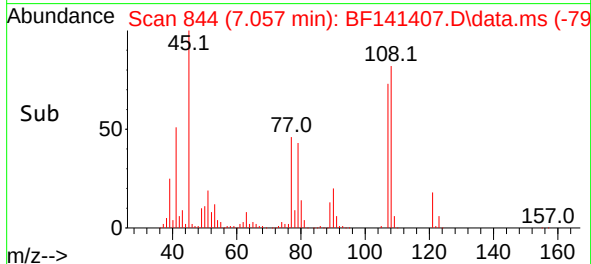
Instrument :
BNA_F
ClientSampleId :
PB166426BS



Tgt Ion:107 Resp: 215340
Ion Ratio Lower Upper
107 100
108 112.8 90.8 136.2
77 63.9 36.2 54.4
79 59.4 35.7 53.5#

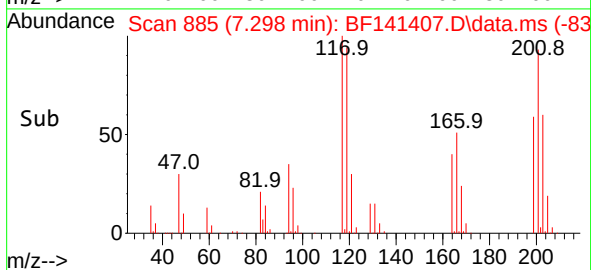
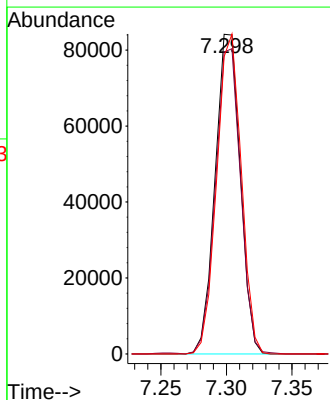
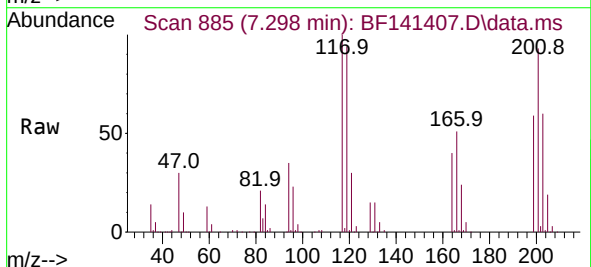
Manual Integrations
APPROVED

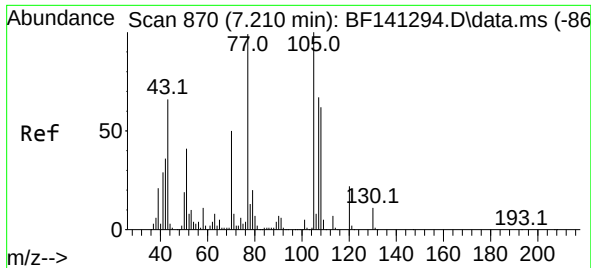
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#18
Hexachloroethane
Concen: 47.515 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.018 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

Tgt Ion:117 Resp: 112078
Ion Ratio Lower Upper
117 100
119 94.4 76.6 114.8
201 93.0 74.8 112.2





#19
n-Nitroso-di-n-propylamine
Concen: 47.250 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.024 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

Instrument :

BNA_F

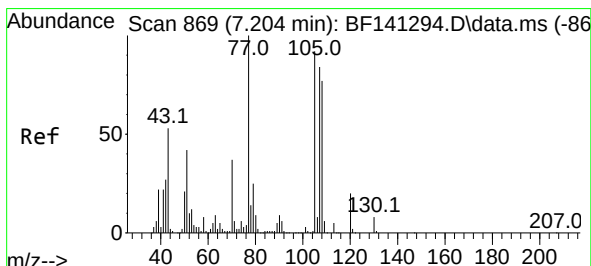
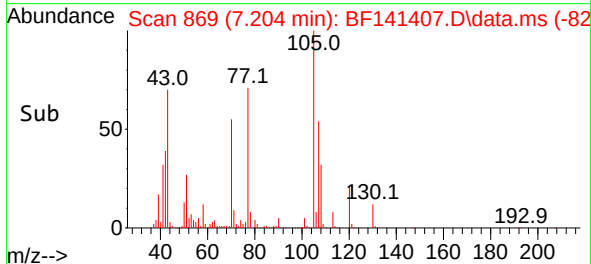
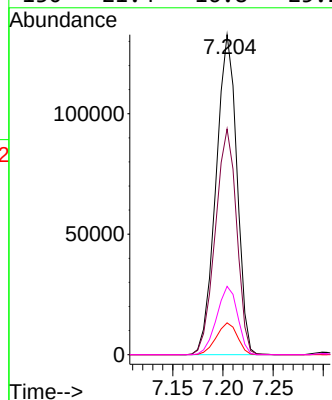
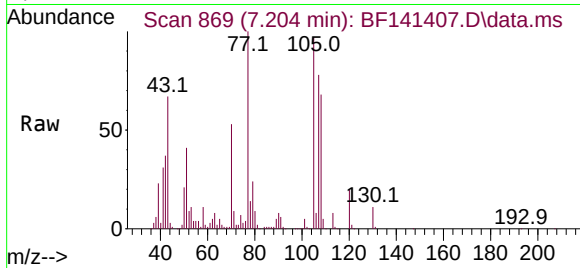
ClientSampleId :

PB166426BS

Tgt Ion: 70 Resp: 19235
Ion Ratio Lower Upper
70 100
42 70.6 56.8 85.2
101 9.9 7.7 11.5
130 21.4 16.8 25.2

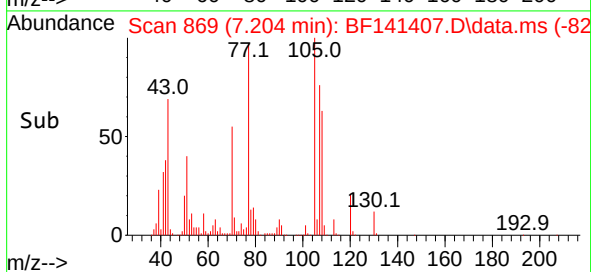
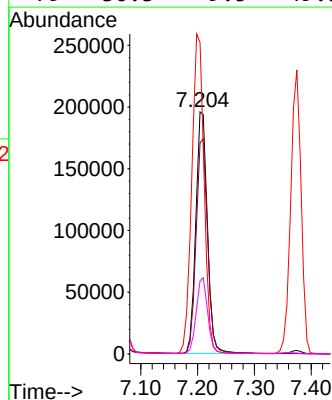
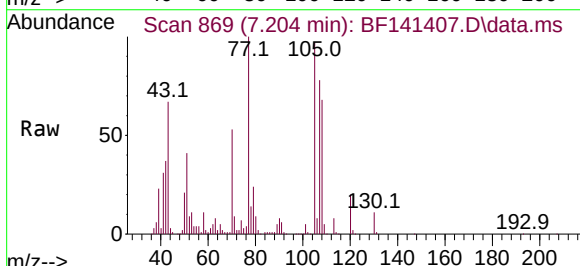
Manual Integrations
APPROVED

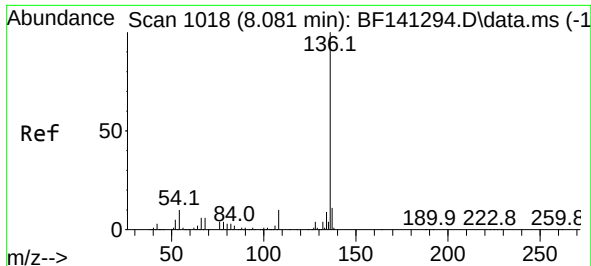
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#20
3+4-Methylphenols
Concen: 48.376 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

Tgt Ion:107 Resp: 278667
Ion Ratio Lower Upper
107 100
108 87.2 70.9 110.9
77 128.7 98.5 138.5
79 30.3 9.5 49.5





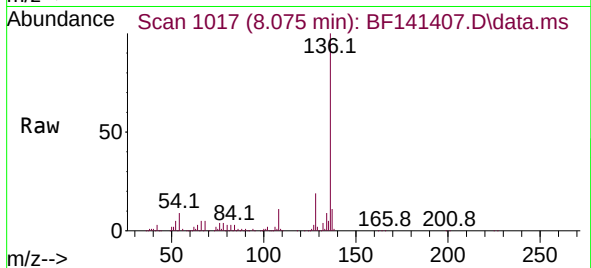
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

Instrument :

BNA_F

ClientSampleId :

PB166426BS

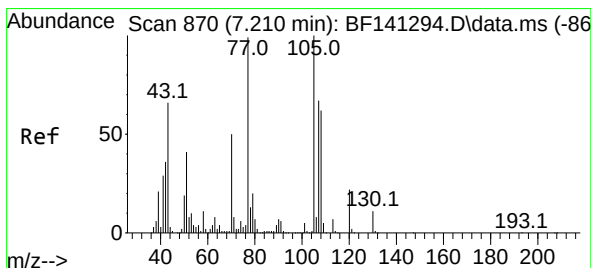
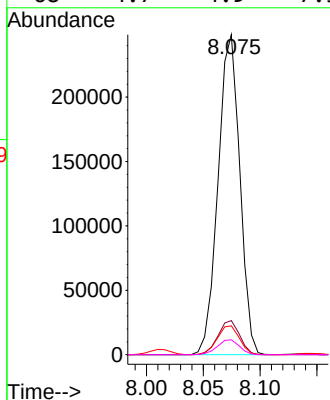
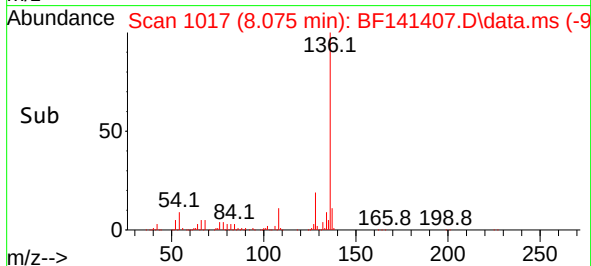


Tgt Ion:136 Resp: 331184
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 9.0 7.8 11.8
68 4.7 4.9 7.3#

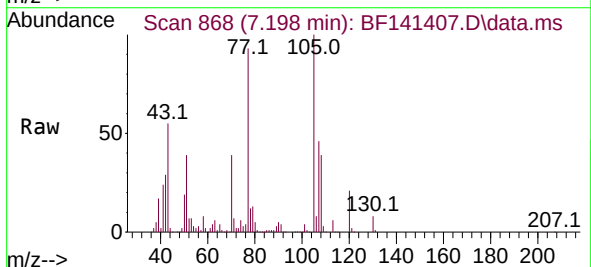
Manual Integrations

APPROVED

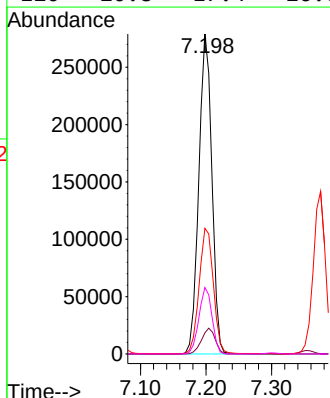
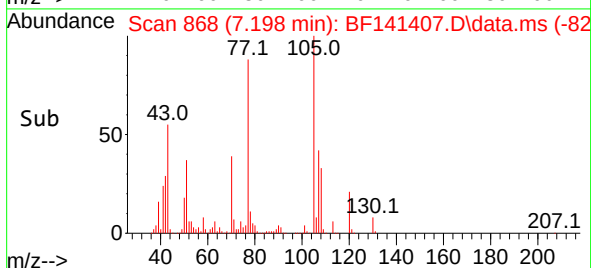
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

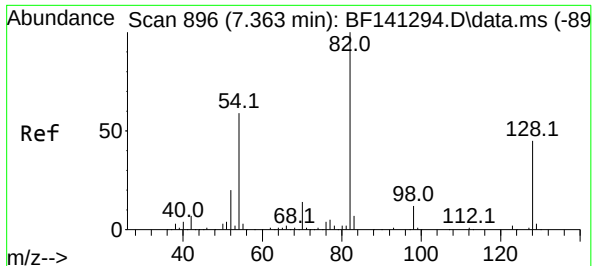


#22
Acetophenone
Concen: 49.197 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.018 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39



Tgt Ion:105 Resp: 387286
Ion Ratio Lower Upper
105 100
71 6.6 6.8 10.2#
51 39.2 32.6 49.0
120 20.8 17.4 26.0





#23

Nitrobenzene-d5

Concen: 92.213 ng

RT: 7.357 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF141407.D

Acq: 04 Feb 2025 14:39

Instrument :

BNA_F

ClientSampleId :

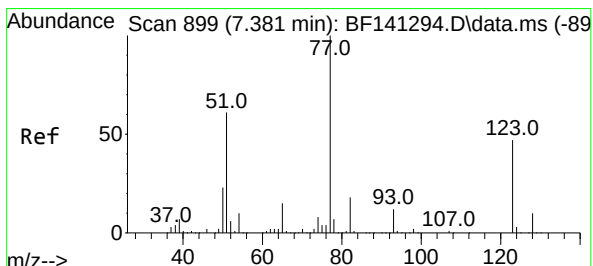
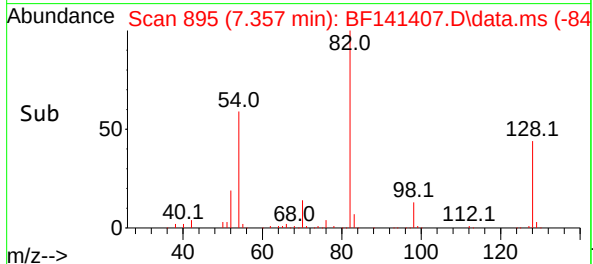
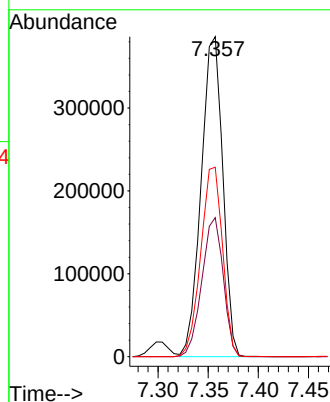
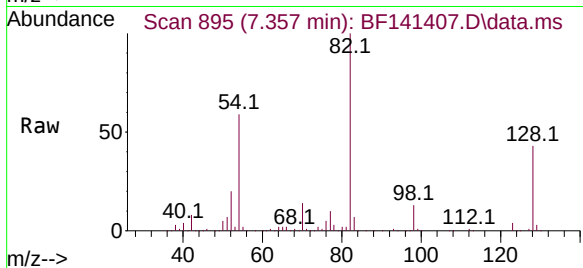
PB166426BS

Tgt Ion: 82 Resp: 579317
 Ion Ratio Lower Upper
 82 100
 128 43.5 35.7 53.5
 54 59.2 47.1 70.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/05/2025
 Supervised By :mohammad ahmed 02/05/2025



#24

Nitrobenzene

Concen: 44.851 ng

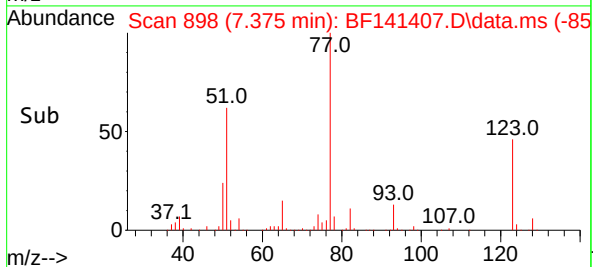
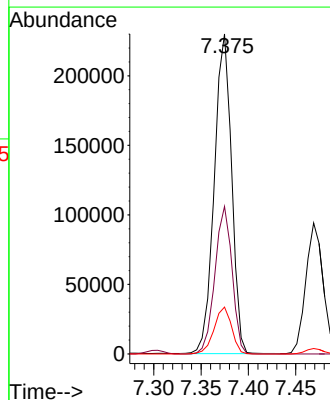
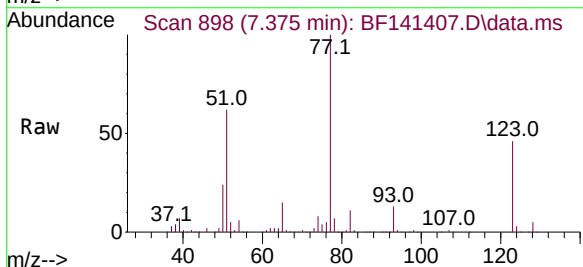
RT: 7.375 min Scan# 898

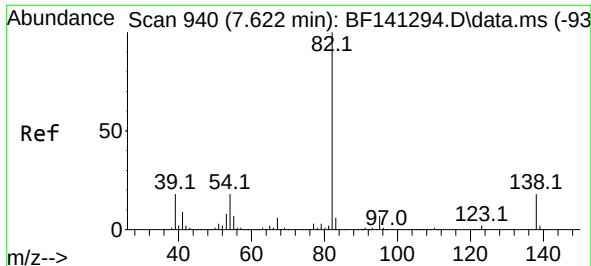
Delta R.T. -0.018 min

Lab File: BF141407.D

Acq: 04 Feb 2025 14:39

Tgt Ion: 77 Resp: 291997
 Ion Ratio Lower Upper
 77 100
 123 46.1 37.3 55.9
 65 14.7 11.8 17.6





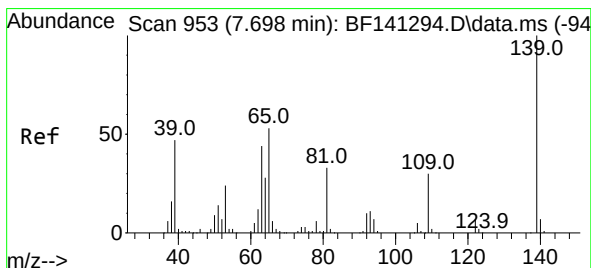
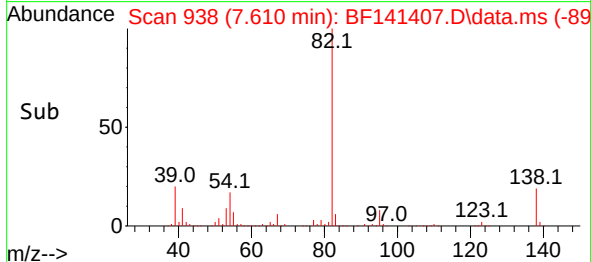
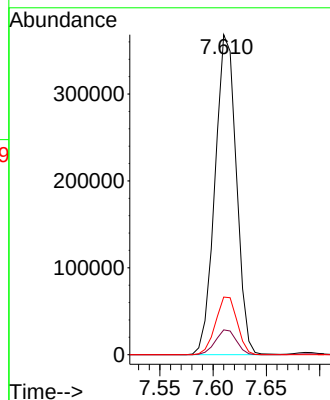
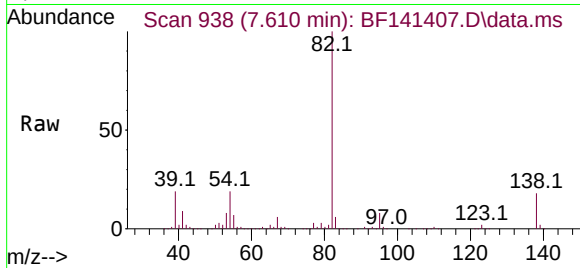
#25
Isophorone
Concen: 47.166 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.018 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

Instrument :
BNA_F
ClientSampleId :
PB166426BS

Tgt Ion: 82 Resp: 512208
Ion Ratio Lower Upper
82 100
95 7.7 5.8 8.6
138 18.0 14.7 22.1

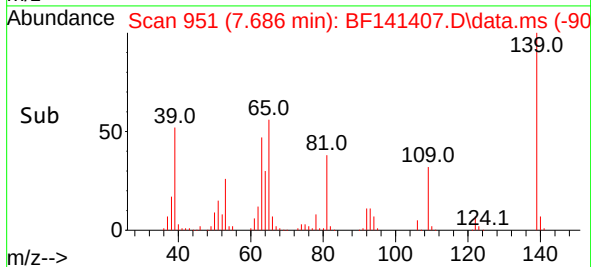
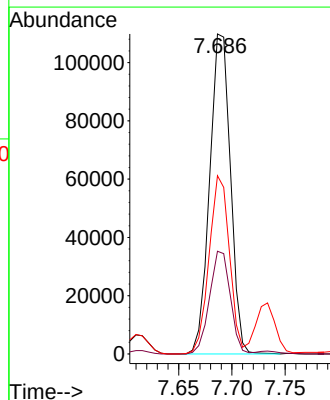
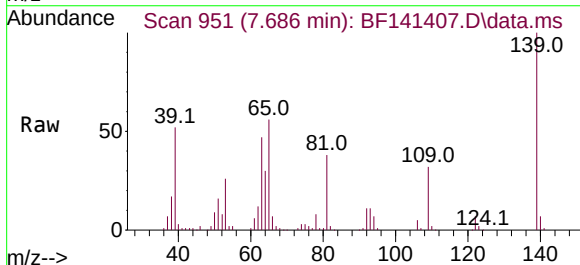
Manual Integrations
APPROVED

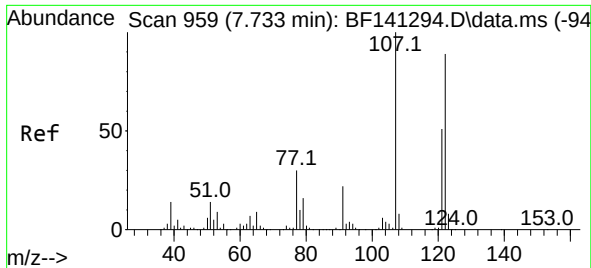
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#26
2-Nitrophenol
Concen: 48.573 ng
RT: 7.686 min Scan# 951
Delta R.T. -0.018 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

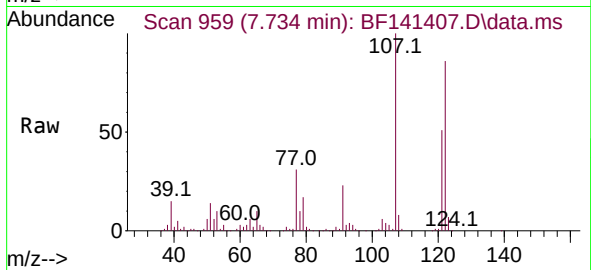
Tgt Ion:139 Resp: 149139
Ion Ratio Lower Upper
139 100
109 32.1 23.8 35.6
65 55.7 42.2 63.4





#27
2,4-Dimethylphenol
Concen: 54.835 ng m
RT: 7.734 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

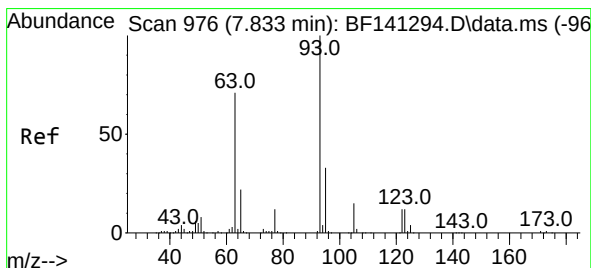
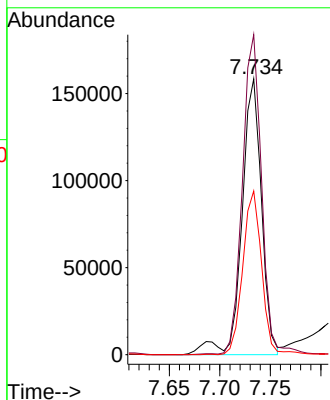
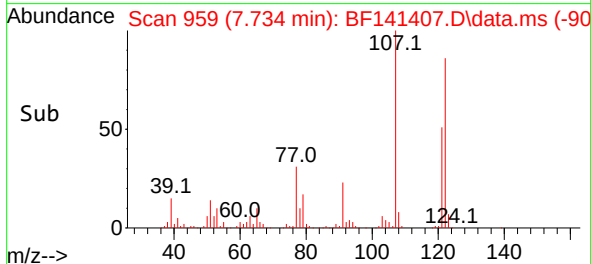
Instrument :
BNA_F
ClientSampleId :
PB166426BS



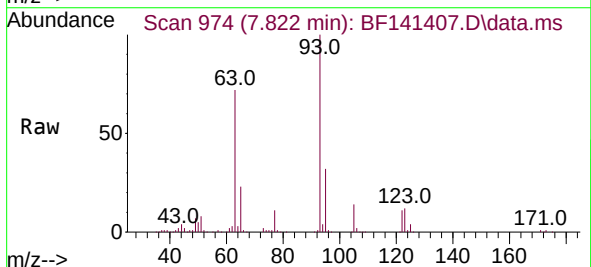
Tgt Ion:122 Resp: 21430
Ion Ratio Lower Upper
122 100
107 116.0 89.9 134.9
121 59.3 46.1 69.1

Manual Integrations
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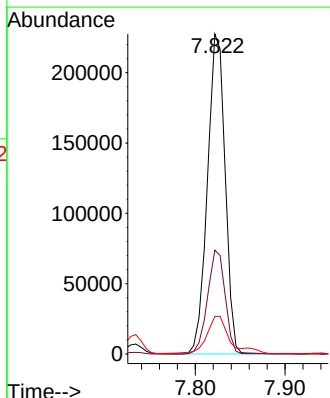
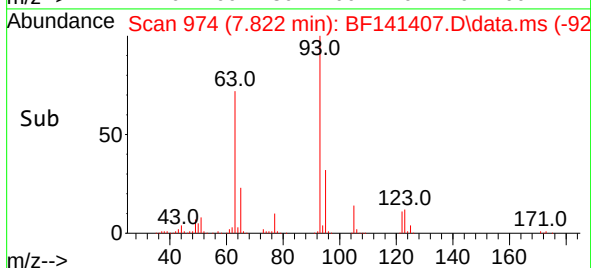
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

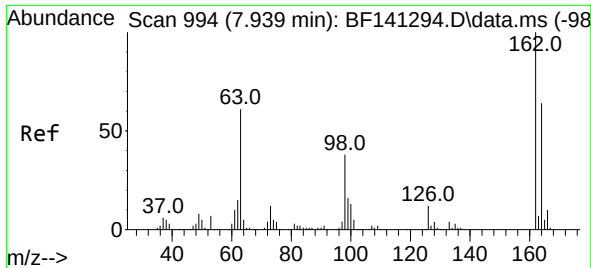


#28
bis(2-Chloroethoxy)methane
Concen: 45.013 ng
RT: 7.822 min Scan# 974
Delta R.T. -0.018 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39



Tgt Ion: 93 Resp: 311809
Ion Ratio Lower Upper
93 100
95 32.4 26.2 39.2
123 11.8 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 47.802 ng

RT: 7.939 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF141407.D

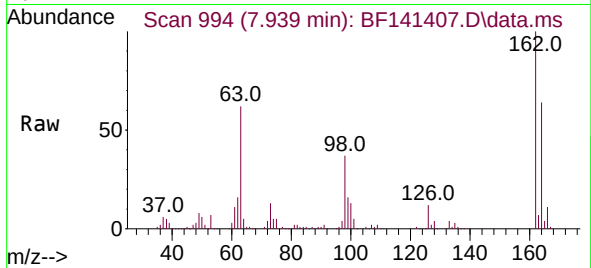
Acq: 04 Feb 2025 14:39

Instrument :

BNA_F

ClientSampleId :

PB166426BS



Tgt Ion:162 Resp: 22870

Ion Ratio Lower Upper

162 100

164 64.1 44.2 84.2

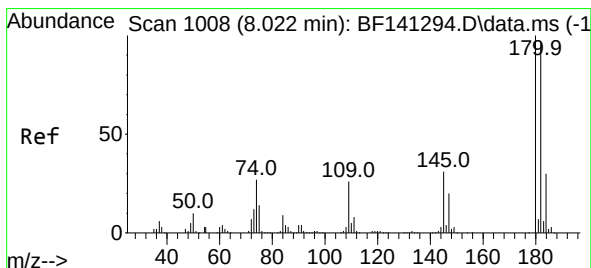
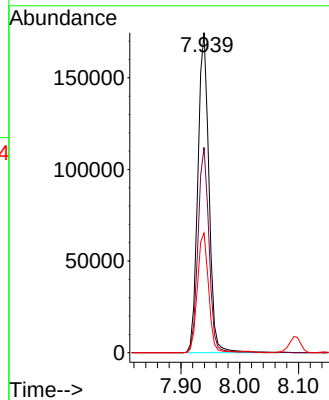
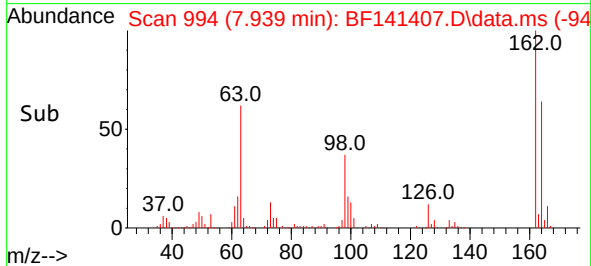
98 37.4 18.2 58.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/05/2025

Supervised By :mohammad ahmed 02/05/2025



#30

1,2,4-Trichlorobenzene

Concen: 44.333 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.012 min

Lab File: BF141407.D

Acq: 04 Feb 2025 14:39

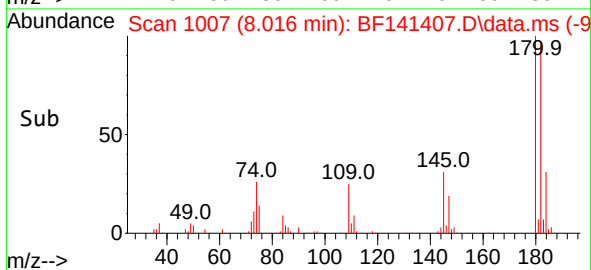
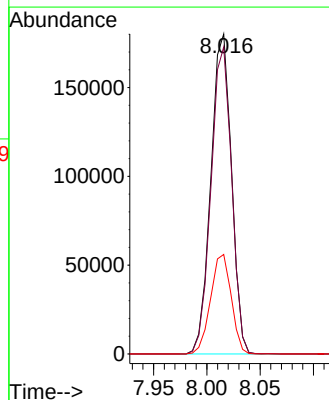
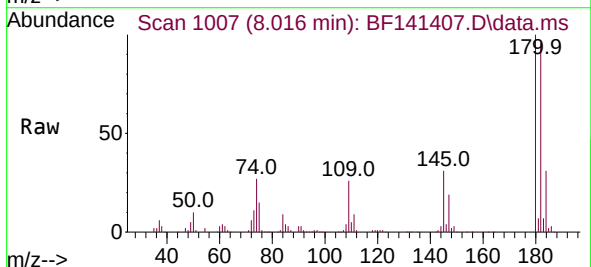
Tgt Ion:180 Resp: 242234

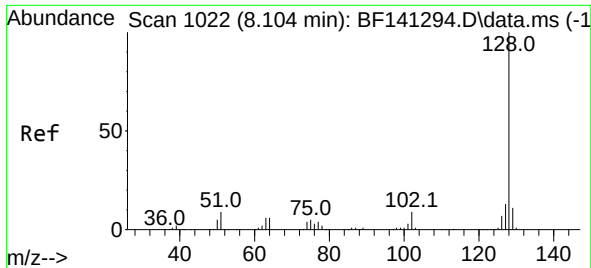
Ion Ratio Lower Upper

180 100

182 96.0 76.4 114.6

145 31.1 24.9 37.3





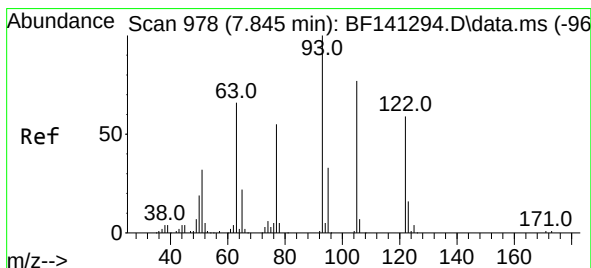
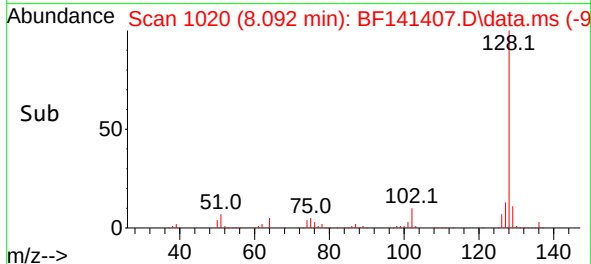
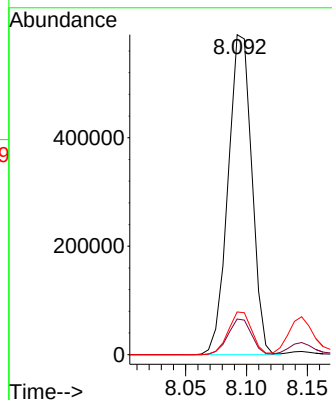
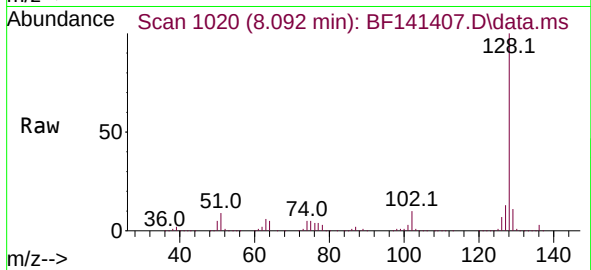
#31
Naphthalene
Concen: 45.673 ng
RT: 8.092 min Scan# 1022
Delta R.T. -0.018 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

Instrument :
BNA_F
ClientSampleId :
PB166426BS

Tgt Ion:128 Resp: 799068
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.4 10.6 15.8

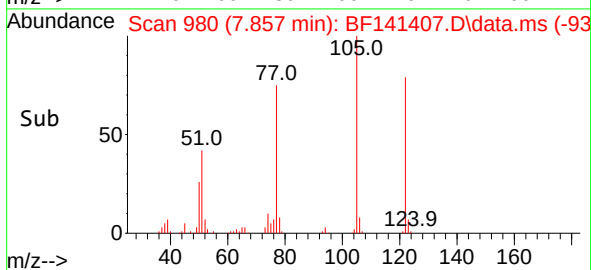
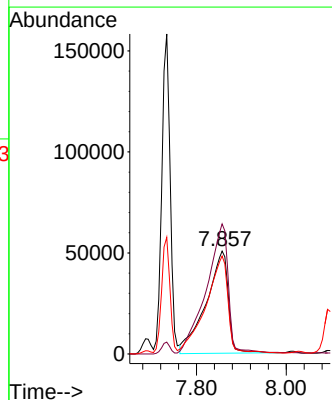
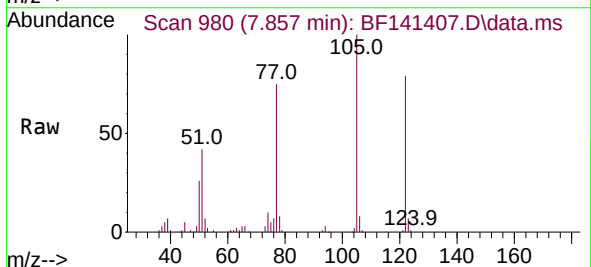
Manual Integrations
APPROVED

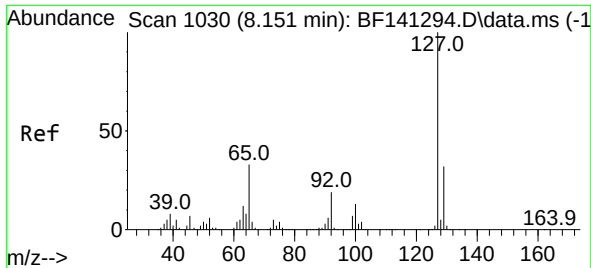
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#32
Benzoic acid
Concen: 48.396 ng
RT: 7.857 min Scan# 980
Delta R.T. -0.024 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

Tgt Ion:122 Resp: 173870
Ion Ratio Lower Upper
122 100
105 126.5 103.4 143.4
77 95.1 70.9 110.9





#33
4-Chloroaniline
Concen: 18.861 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

Instrument :

BNA_F

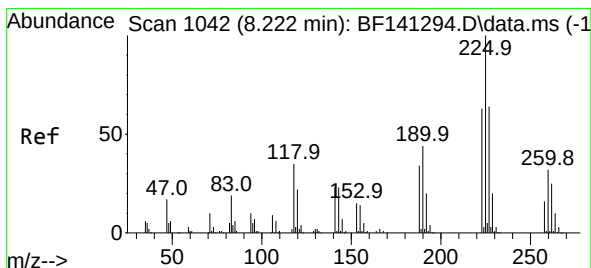
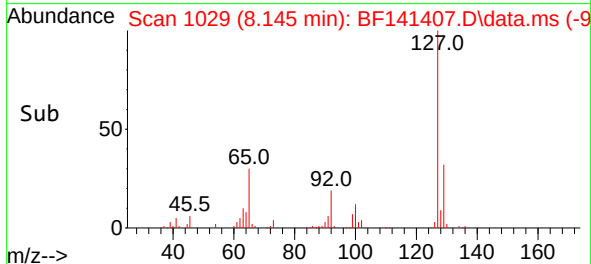
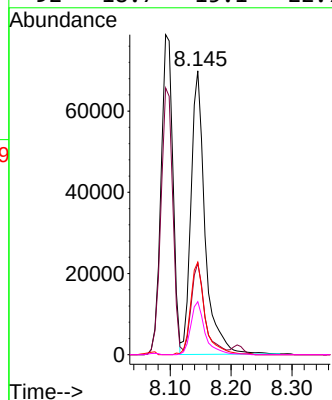
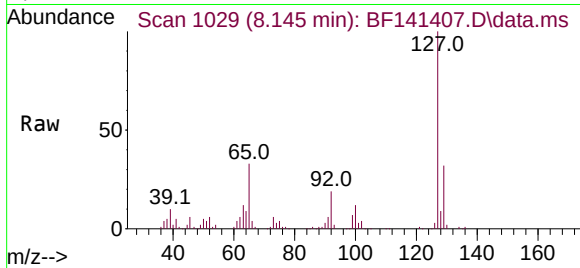
ClientSampleId :

PB166426BS

Tgt Ion:127 Resp: 111900
Ion Ratio Lower Upper
127 100
129 32.3 25.7 38.5
65 32.6 26.4 39.6
92 18.7 15.1 22.7

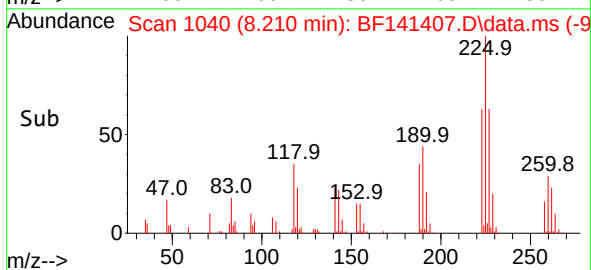
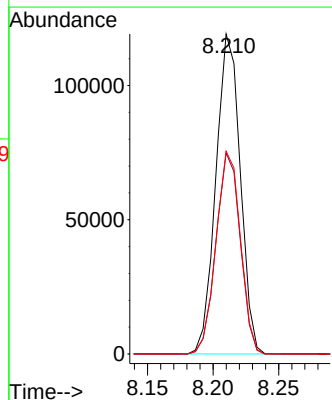
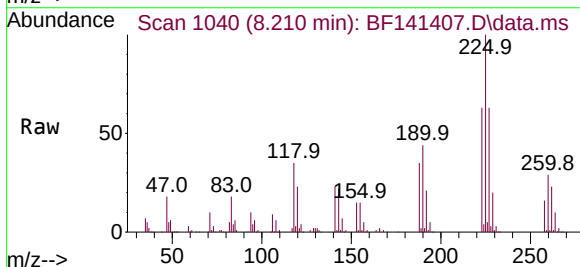
Manual Integrations
APPROVED

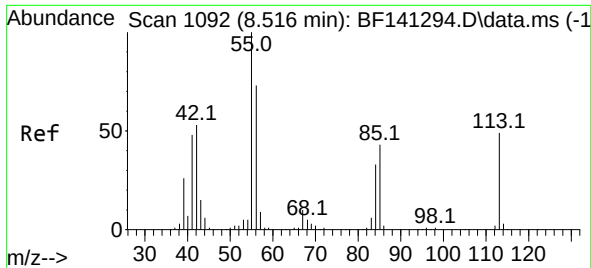
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#34
Hexachlorobutadiene
Concen: 47.999 ng
RT: 8.210 min Scan# 1040
Delta R.T. -0.012 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

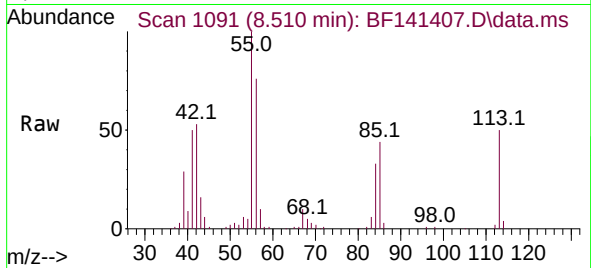
Tgt Ion:225 Resp: 153801
Ion Ratio Lower Upper
225 100
223 62.8 50.4 75.6
227 63.4 51.3 76.9





#35
Caprolactam
Concen: 45.688 ng m
RT: 8.510 min Scan# 1091
Delta R.T. -0.035 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

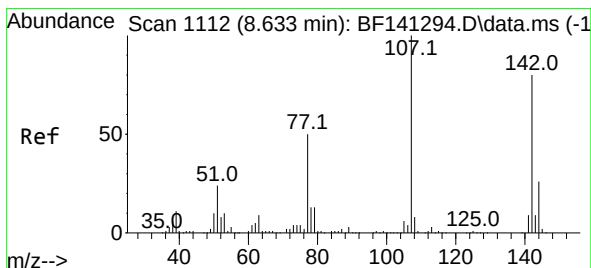
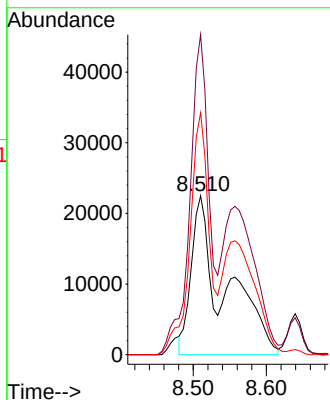
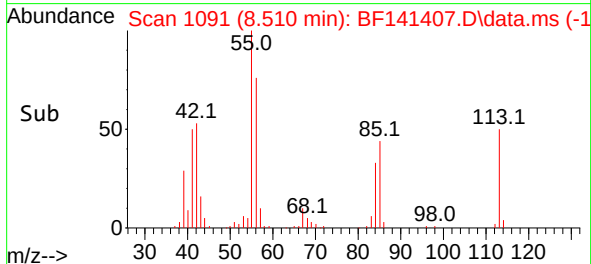
Instrument :
BNA_F
ClientSampleId :
PB166426BS



Tgt Ion:113 Resp: 71389
Ion Ratio Lower Upper
113 100
55 201.4 182.9 222.9
56 152.2 127.9 167.9

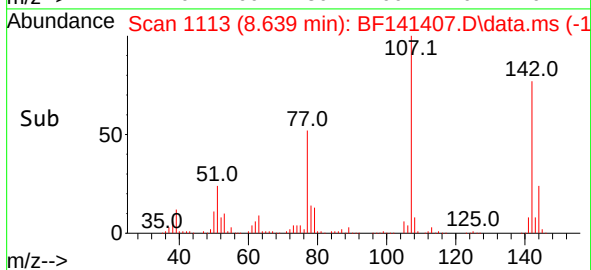
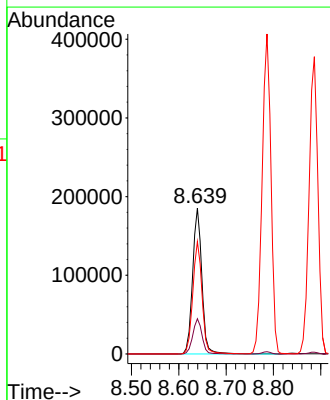
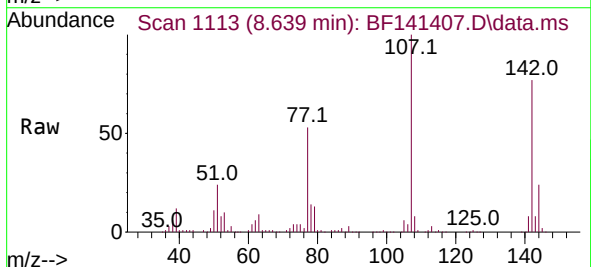
Manual Integrations
APPROVED

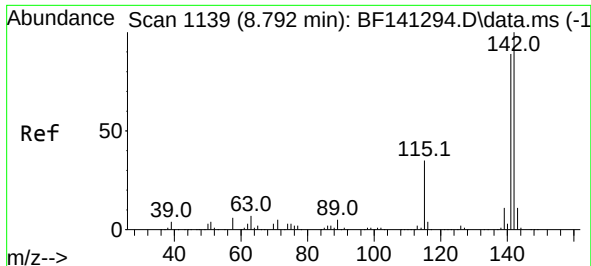
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#36
4-Chloro-3-methylphenol
Concen: 49.256 ng
RT: 8.639 min Scan# 1113
Delta R.T. -0.000 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

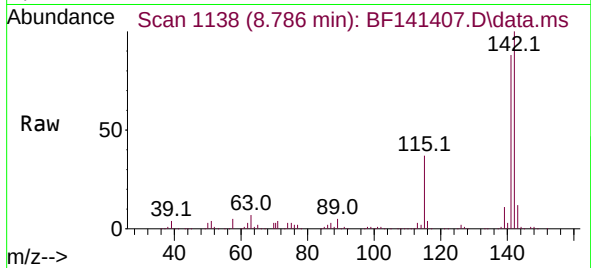
Tgt Ion:107 Resp: 252782
Ion Ratio Lower Upper
107 100
144 24.1 20.7 31.1
142 77.0 63.8 95.8





#37
2-Methylnaphthalene
Concen: 47.126 ng
RT: 8.786 min Scan# 1138
Delta R.T. -0.012 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

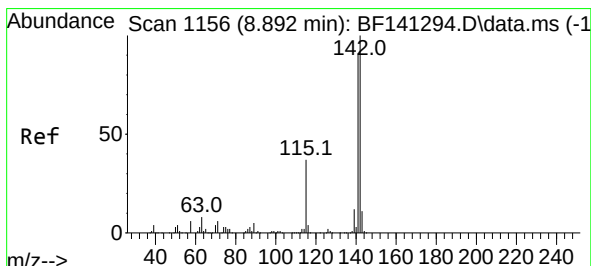
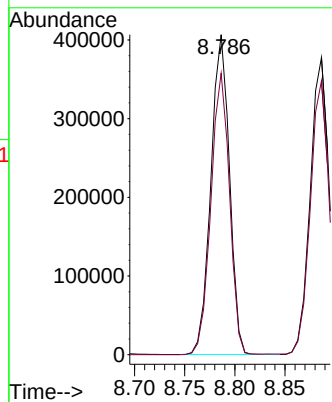
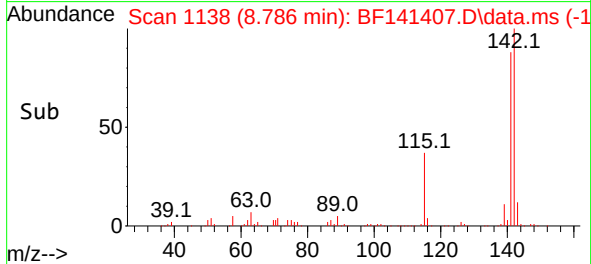
Instrument :
BNA_F
ClientSampleId :
PB166426BS



Tgt Ion:142 Resp: 52403
Ion Ratio Lower Upper
142 100
141 87.9 71.3 106.9

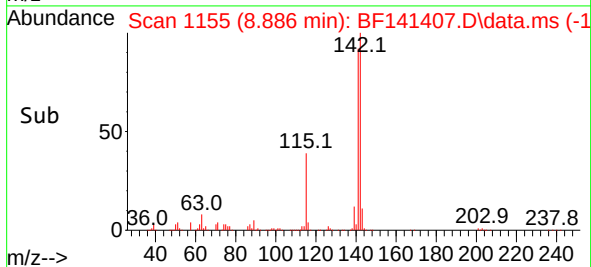
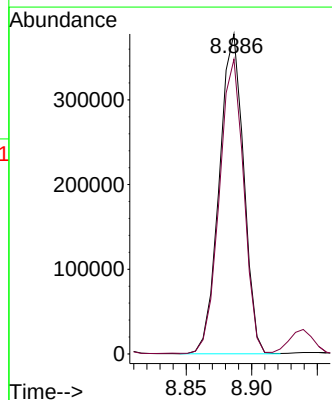
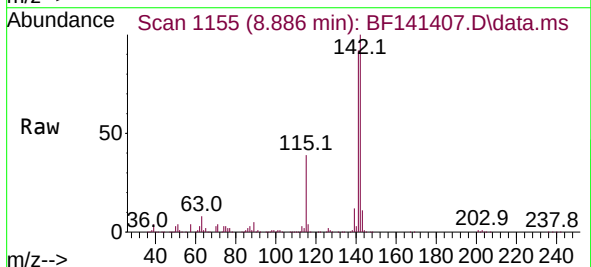
Manual Integrations
APPROVED

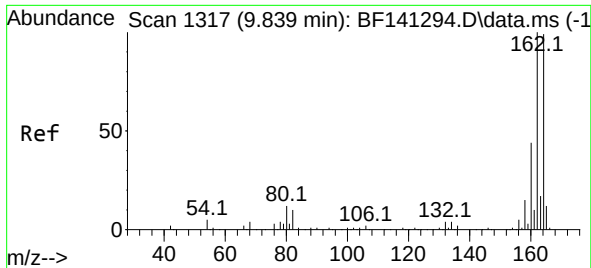
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#38
1-Methylnaphthalene
Concen: 44.732 ng
RT: 8.886 min Scan# 1155
Delta R.T. -0.012 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

Tgt Ion:142 Resp: 488613
Ion Ratio Lower Upper
142 100
141 92.1 73.2 109.8





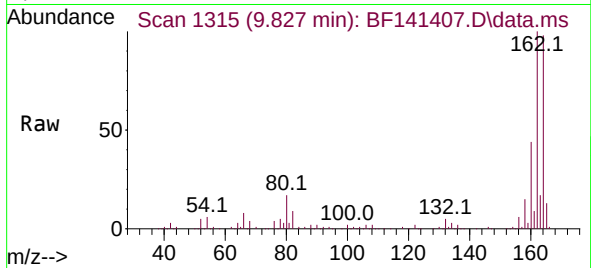
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

Instrument :

BNA_F

ClientSampleId :

PB166426BS

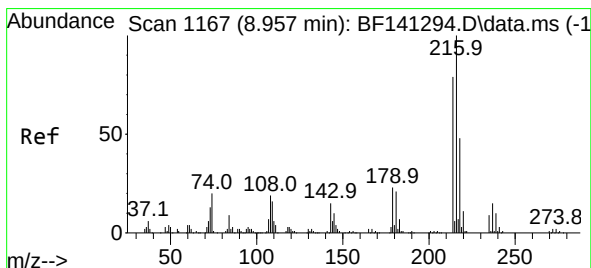
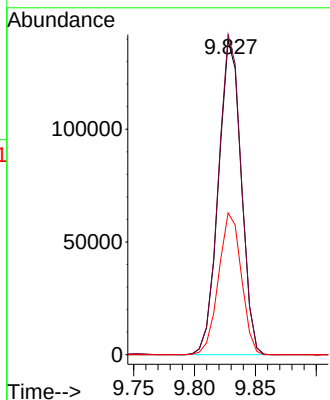
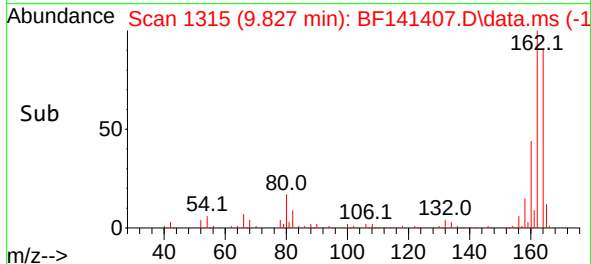


Tgt Ion:164 Resp: 18099
Ion Ratio Lower Upper
164 100
162 101.8 80.6 121.0
160 45.1 35.8 53.6

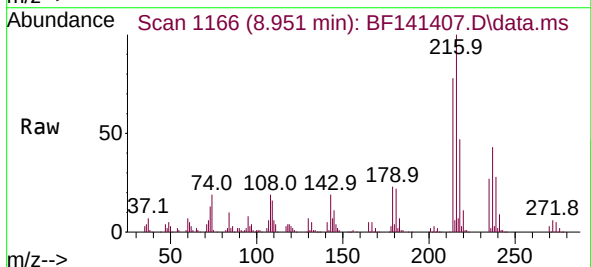
Manual Integrations

APPROVED

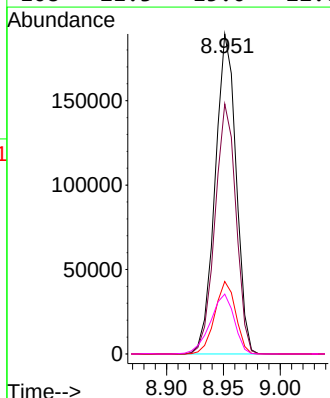
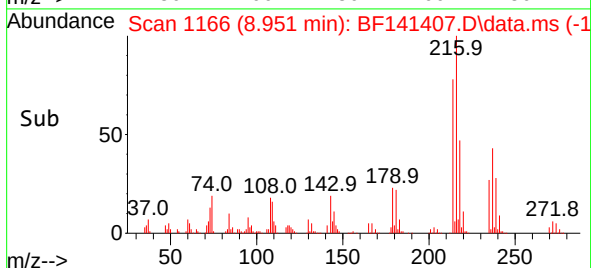
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

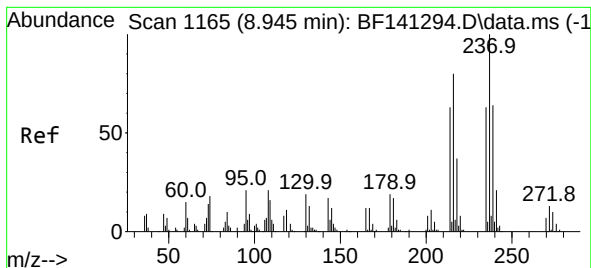


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.415 ng
RT: 8.951 min Scan# 1166
Delta R.T. -0.012 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39



Tgt Ion:216 Resp: 244141
Ion Ratio Lower Upper
216 100
214 77.9 63.2 94.8
179 22.5 17.8 26.8
108 21.3 15.0 22.6





#41

Hexachlorocyclopentadiene

Concen: 192.529 ng

RT: 8.939 min Scan# 1164

Delta R.T. -0.012 min

Lab File: BF141407.D

Acq: 04 Feb 2025 14:39

Instrument :

BNA_F

ClientSampleId :

PB166426BS

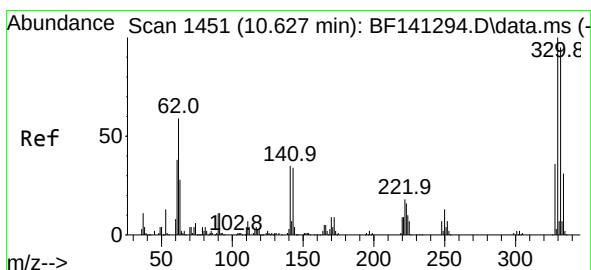
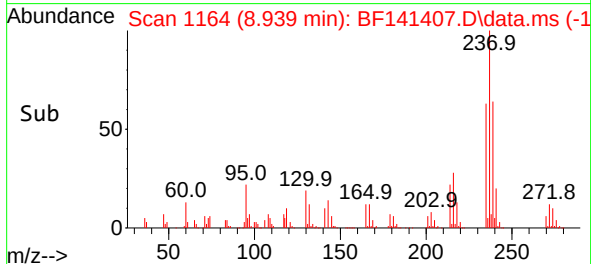
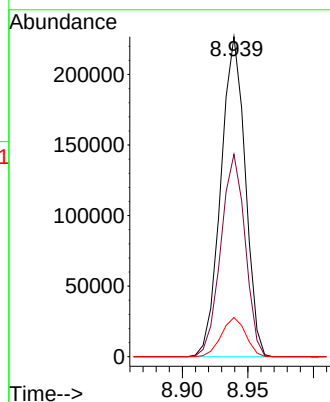
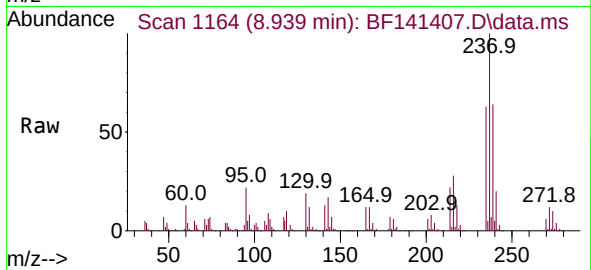
Tgt Ion:	237	Resp:	29277
Ion Ratio	Lower	Upper	
237	100		
235	63.3	42.9	82.9
272	12.2	0.0	32.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/05/2025

Supervised By :mohammad ahmed 02/05/2025



#42

2,4,6-Tribromophenol

Concen: 153.605 ng

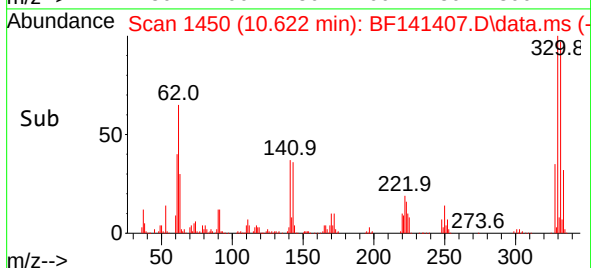
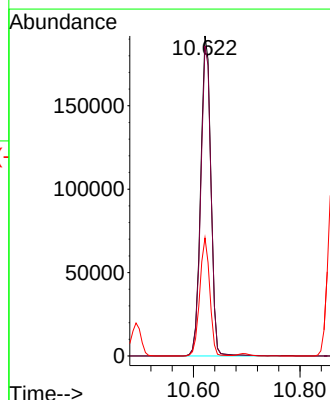
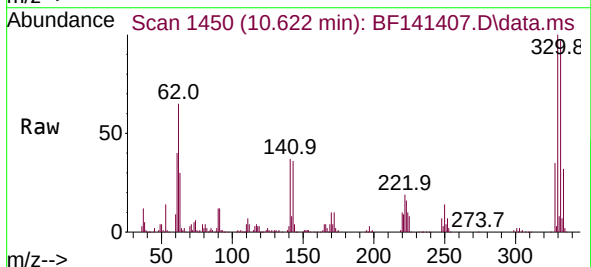
RT: 10.622 min Scan# 1450

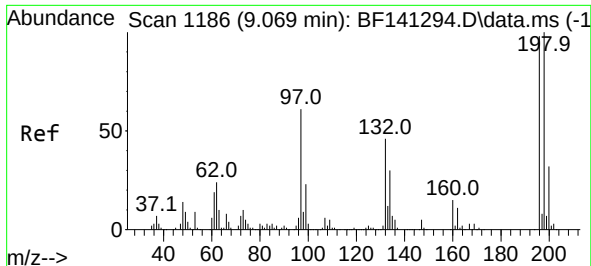
Delta R.T. -0.012 min

Lab File: BF141407.D

Acq: 04 Feb 2025 14:39

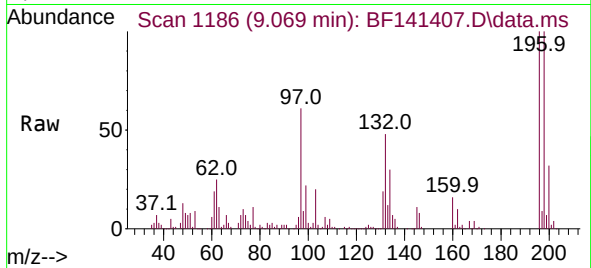
Tgt Ion:	330	Resp:	254875
Ion Ratio	Lower	Upper	
330	100		
332	97.0	76.1	114.1
141	36.3	28.8	43.2





#43
2,4,6-Trichlorophenol
Concen: 48.807 ng
RT: 9.069 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

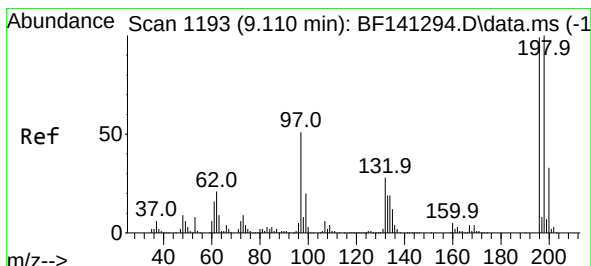
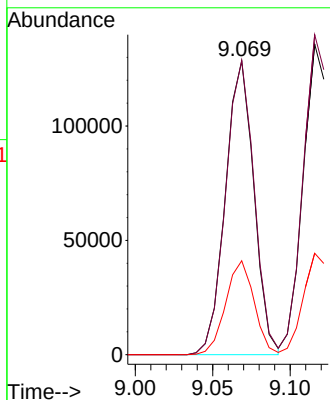
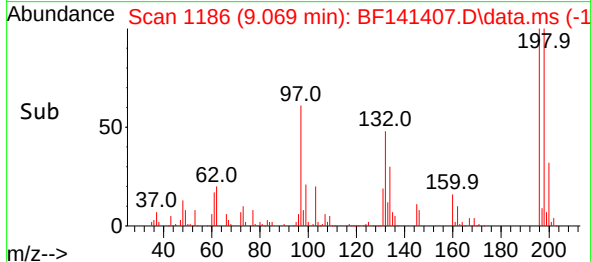
Instrument :
BNA_F
ClientSampleId :
PB166426BS



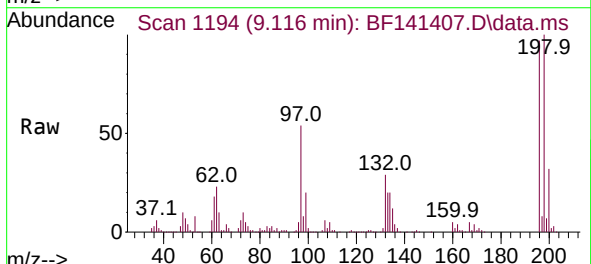
Tgt Ion:196 Resp: 164492
Ion Ratio Lower Upper
196 100
198 100.3 81.8 122.6
200 32.0 26.3 39.5

Manual Integrations
APPROVED

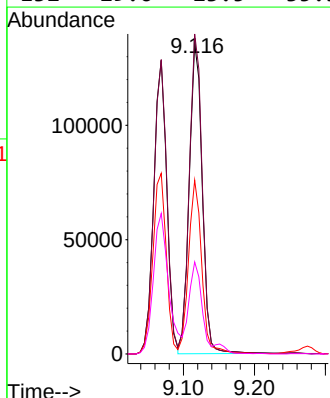
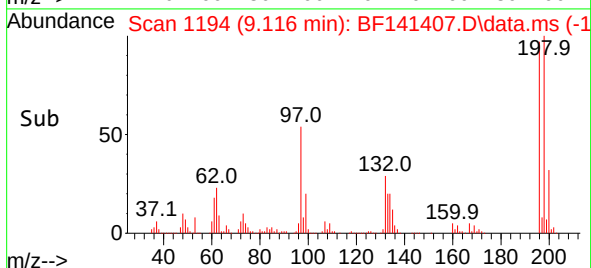
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

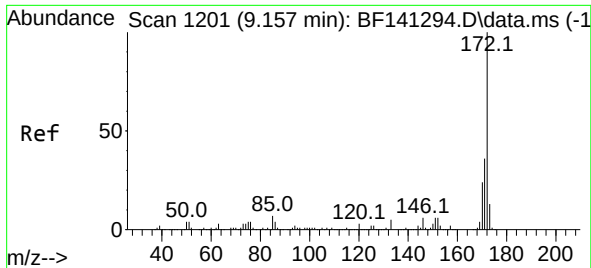


#44
2,4,5-Trichlorophenol
Concen: 47.278 ng
RT: 9.116 min Scan# 1194
Delta R.T. -0.000 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39



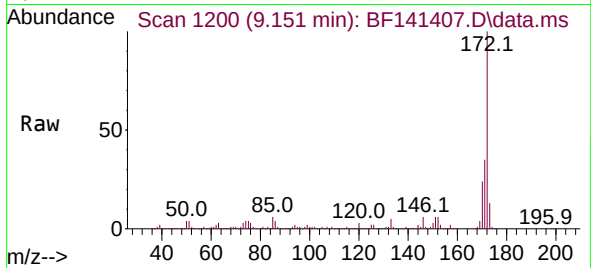
Tgt Ion:196 Resp: 173420
Ion Ratio Lower Upper
196 100
198 103.0 80.5 120.7
97 56.0 42.8 64.2
132 29.6 23.5 35.3





#45
2-Fluorobiphenyl
Concen: 93.511 ng
RT: 9.151 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

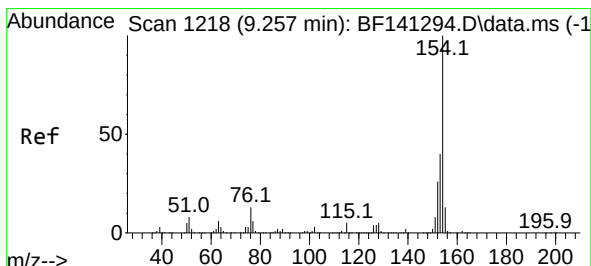
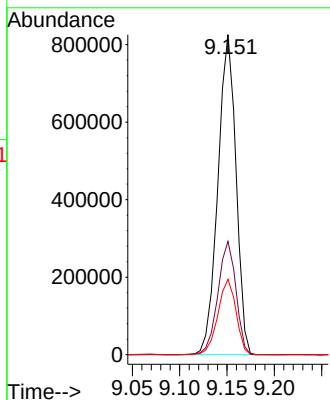
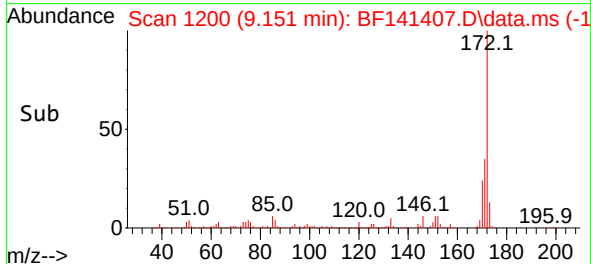
Instrument :
BNA_F
ClientSampleId :
PB166426BS



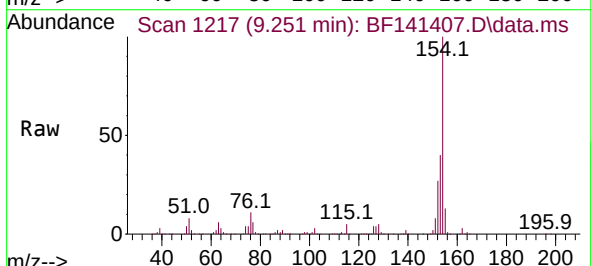
Tgt Ion:172 Resp: 109959
Ion Ratio Lower Upper
172 100
171 35.4 28.8 43.2
170 23.6 19.0 28.6

Manual Integrations
APPROVED

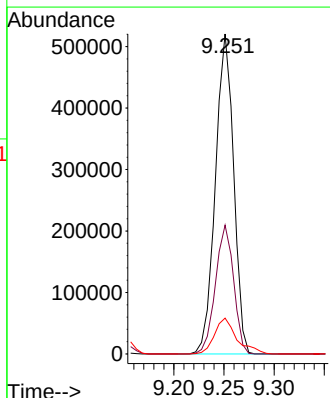
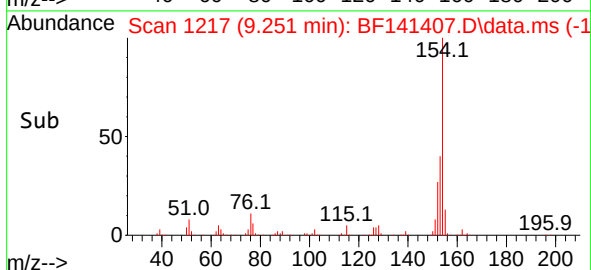
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

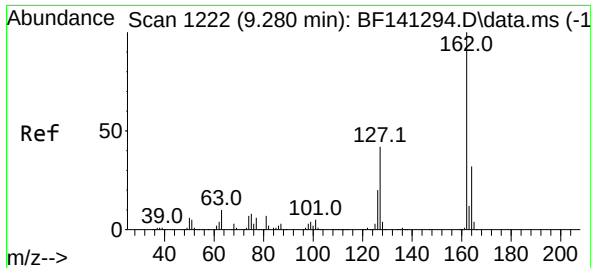


#46
1,1'-Biphenyl
Concen: 46.471 ng
RT: 9.251 min Scan# 1217
Delta R.T. -0.012 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39



Tgt Ion:154 Resp: 655951
Ion Ratio Lower Upper
154 100
153 40.2 20.0 60.0
76 11.2 0.0 32.8





#47

2-Chloronaphthalene

Concen: 44.496 ng

RT: 9.275 min Scan# 1221

Delta R.T. -0.012 min

Lab File: BF141407.D

Acq: 04 Feb 2025 14:39

Instrument :

BNA_F

ClientSampleId :

PB166426BS

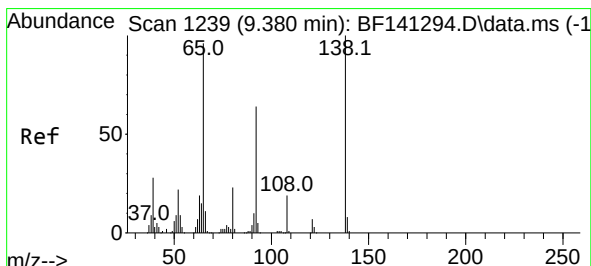
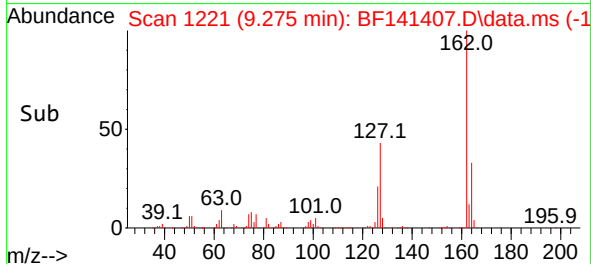
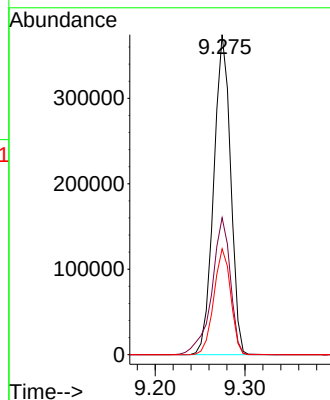
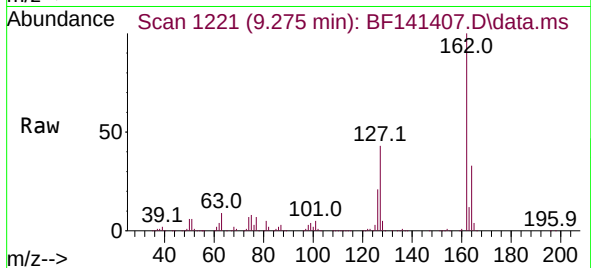
Tgt Ion:162 Resp: 48954
 Ion Ratio Lower Upper
 162 100
 127 42.8 33.7 50.5
 164 33.1 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/05/2025

Supervised By :mohammad ahmed 02/05/2025



#48

2-Nitroaniline

Concen: 49.205 ng

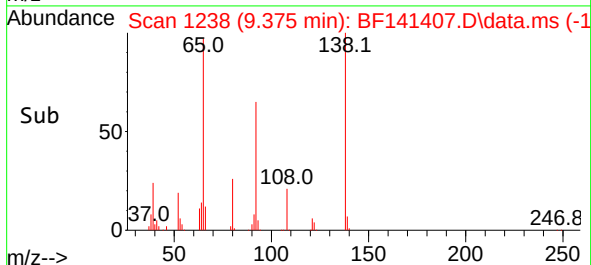
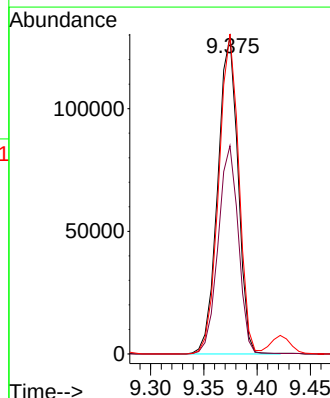
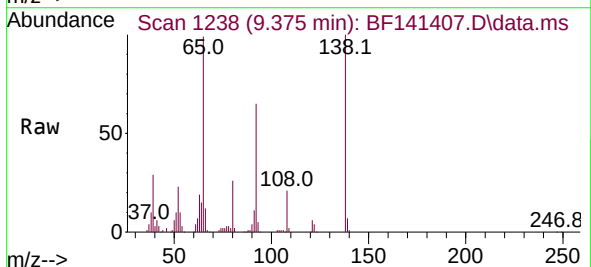
RT: 9.375 min Scan# 1238

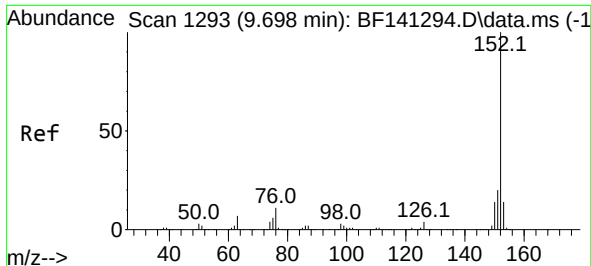
Delta R.T. -0.006 min

Lab File: BF141407.D

Acq: 04 Feb 2025 14:39

Tgt Ion: 65 Resp: 170280
 Ion Ratio Lower Upper
 65 100
 92 65.7 53.3 79.9
 138 101.0 83.6 125.4





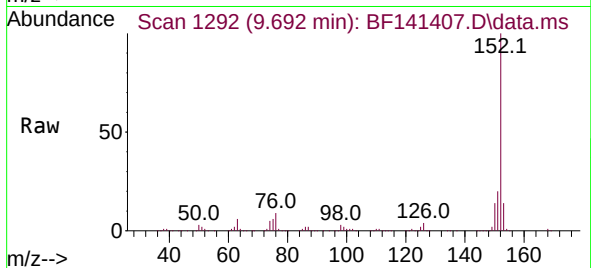
#49
Acenaphthylene
Concen: 49.410 ng
RT: 9.692 min Scan# 1293
Delta R.T. -0.012 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

Instrument :

BNA_F

ClientSampleId :

PB166426BS

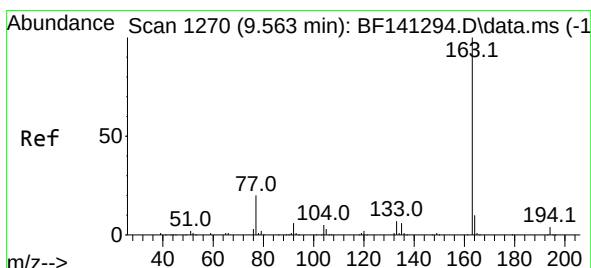
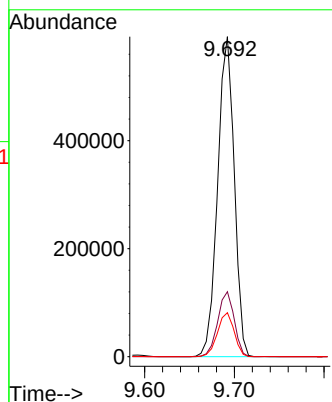
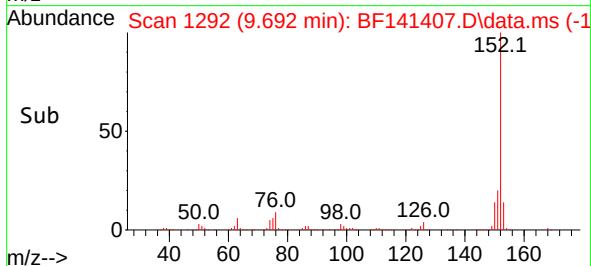


Tgt Ion:152 Resp: 760954
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2
153 13.8 11.0 16.6

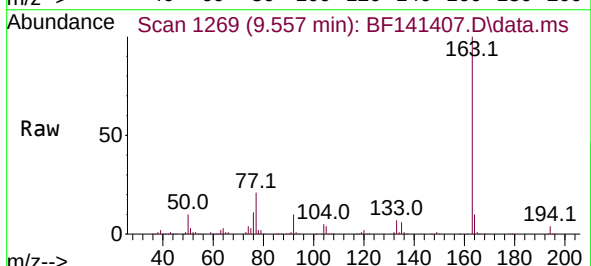
Manual Integrations

APPROVED

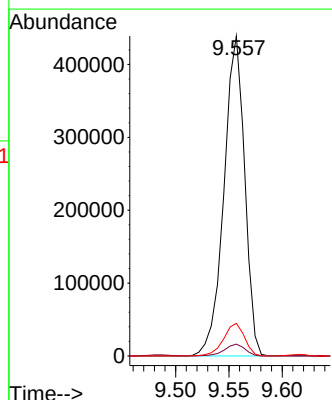
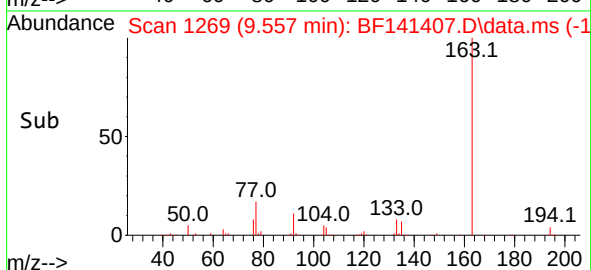
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

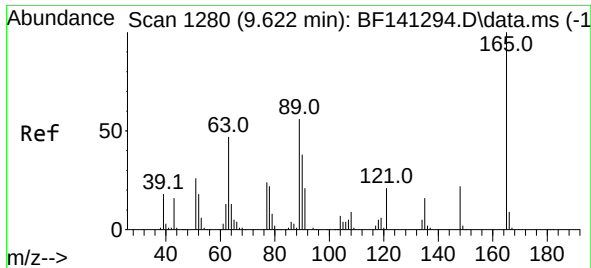


#50
Dimethylphthalate
Concen: 48.572 ng
RT: 9.557 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39



Tgt Ion:163 Resp: 593755
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 10.2 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 46.808 ng
RT: 9.616 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

Instrument :

BNA_F

ClientSampleId :

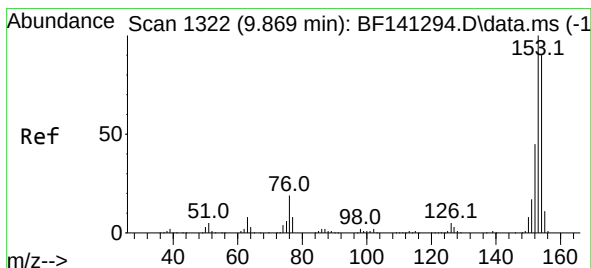
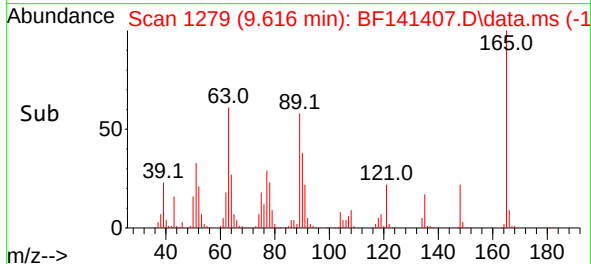
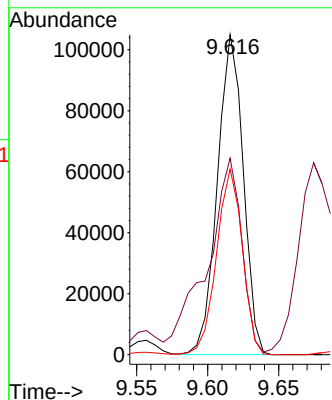
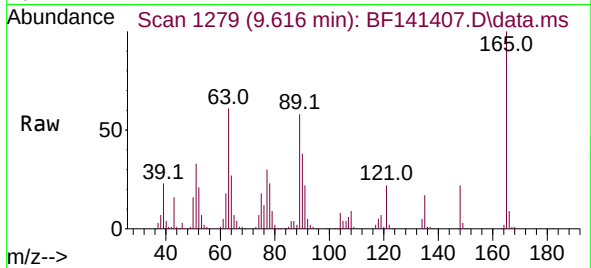
PB166426BS

Tgt Ion:165 Resp: 132850
Ion Ratio Lower Upper
165 100
63 61.4 48.1 72.1
89 58.0 44.9 67.3

Manual Integrations

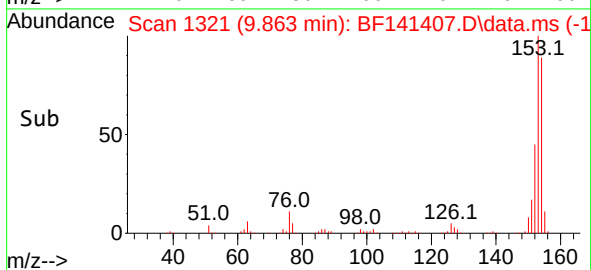
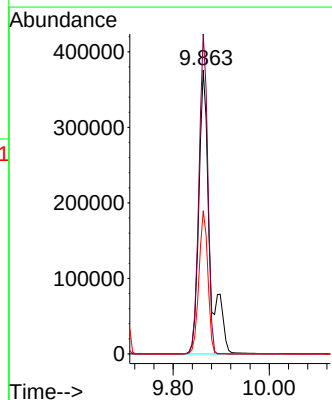
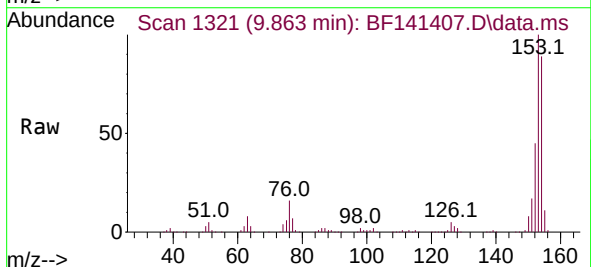
APPROVED

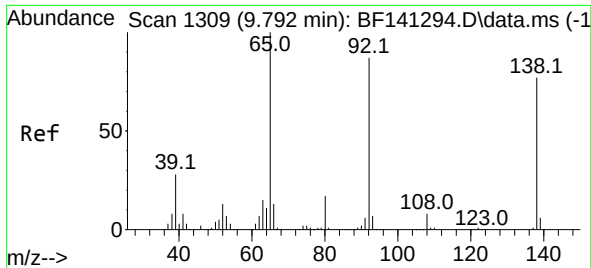
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#52
Acenaphthene
Concen: 53.779 ng m
RT: 9.863 min Scan# 1321
Delta R.T. -0.012 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

Tgt Ion:154 Resp: 591701
Ion Ratio Lower Upper
154 100
153 112.8 89.0 133.4
152 50.5 40.2 60.4





#53
3-Nitroaniline
Concen: 29.013 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

Instrument :

BNA_F

ClientSampleId :

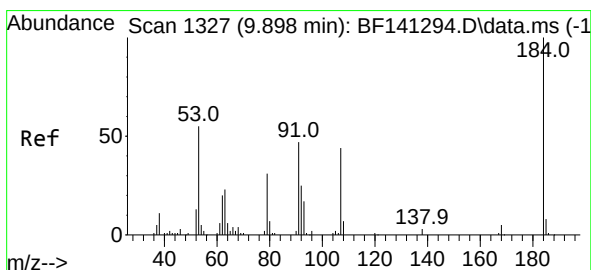
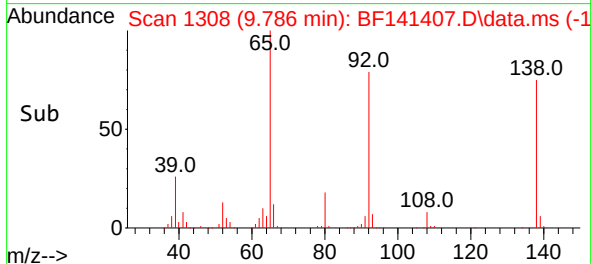
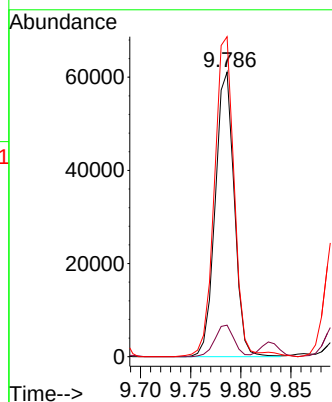
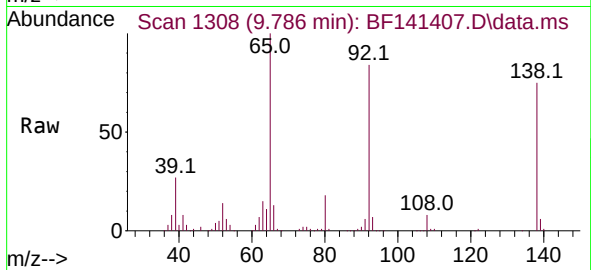
PB166426BS

Tgt Ion:138 Resp: 80709
Ion Ratio Lower Upper
138 100
108 11.1 8.6 12.8
92 112.5 91.0 136.6

Manual Integrations

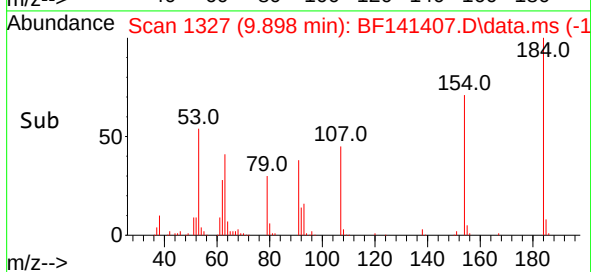
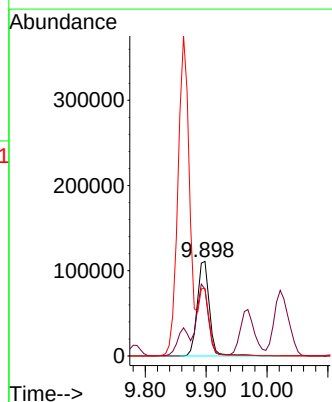
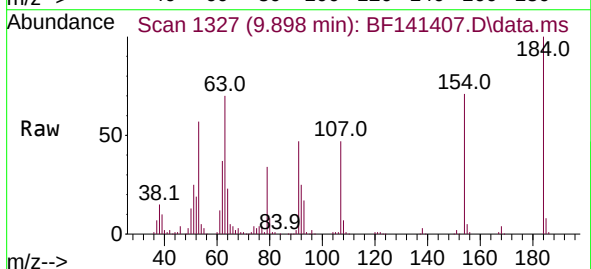
APPROVED

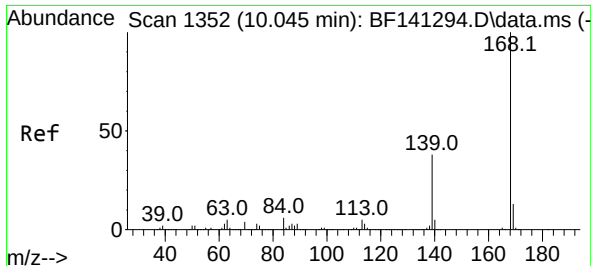
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#54
2,4-Dinitrophenol
Concen: 117.244 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

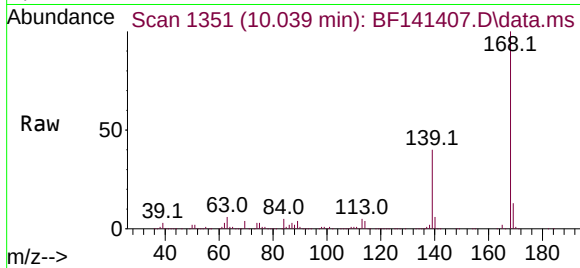
Tgt Ion:184 Resp: 154693
Ion Ratio Lower Upper
184 100
63 70.5 54.1 81.1
154 71.2 50.7 76.1





#55
Dibenzenofuran
Concen: 47.547 ng
RT: 10.039 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

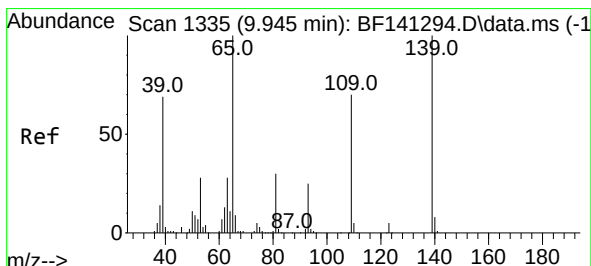
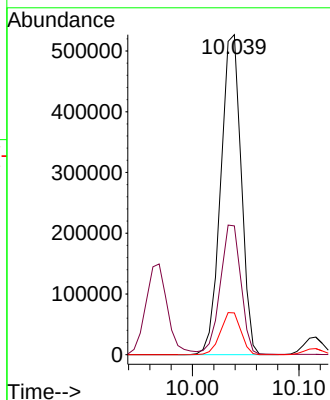
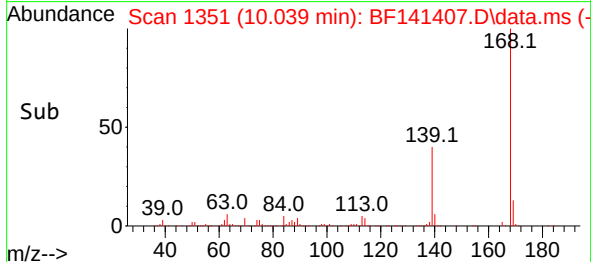
Instrument :
BNA_F
ClientSampleId :
PB166426BS



Tgt Ion:168 Resp: 700235
Ion Ratio Lower Upper
168 100
139 40.3 30.6 46.0
169 13.1 10.8 16.2

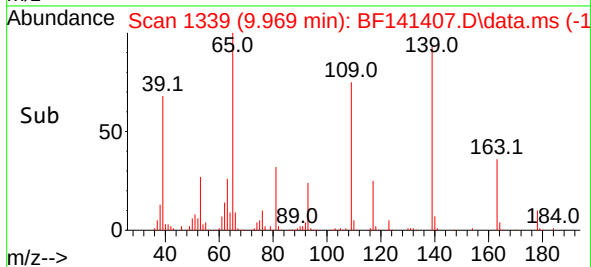
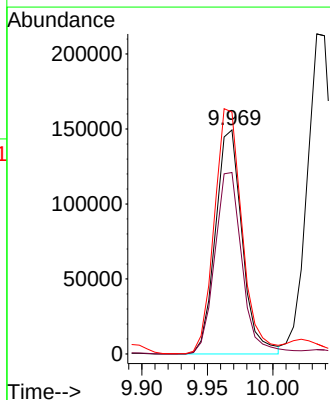
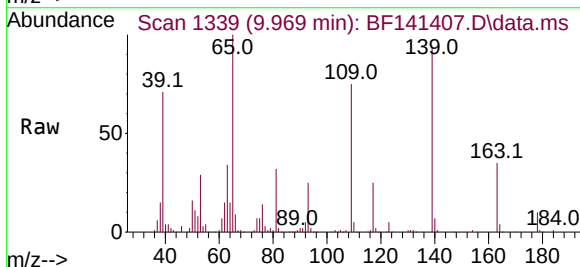
Manual Integrations
APPROVED

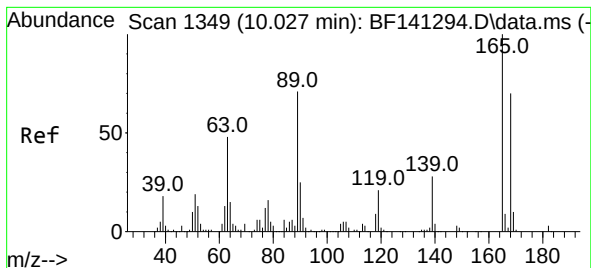
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#56
4-Nitrophenol
Concen: 104.299 ng
RT: 9.969 min Scan# 1339
Delta R.T. 0.012 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

Tgt Ion:139 Resp: 212195
Ion Ratio Lower Upper
139 100
109 81.0 50.2 90.2
65 108.0 80.6 120.6





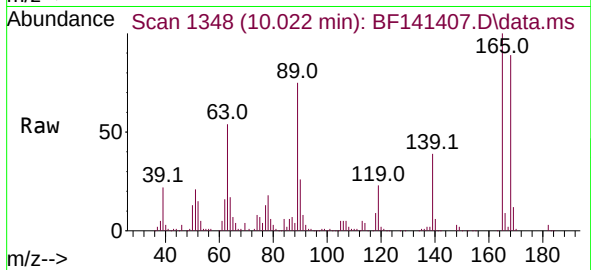
#57
2,4-Dinitrotoluene
Concen: 50.028 ng
RT: 10.022 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

Instrument :

BNA_F

ClientSampleId :

PB166426BS



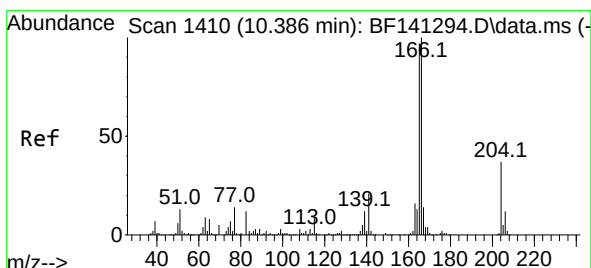
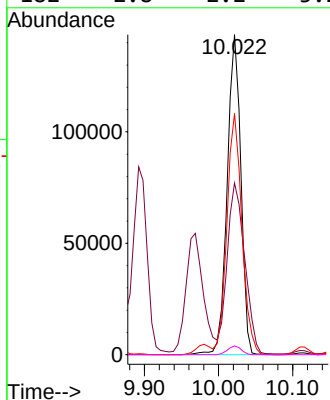
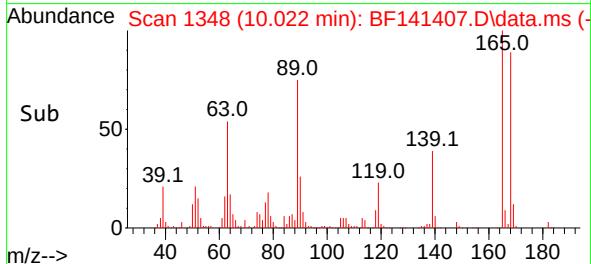
Tgt Ion:165 Resp: 183840
Ion Ratio Lower Upper
165 100
63 53.6 39.2 58.8
89 75.4 56.9 85.3
182 2.8 2.2 3.2

Manual Integrations

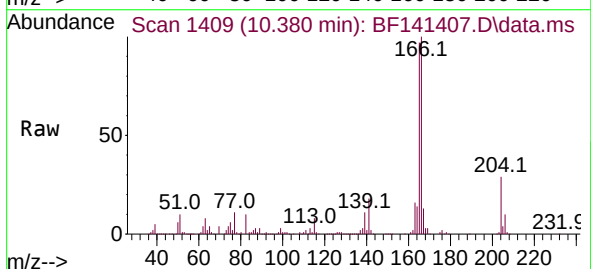
APPROVED

Reviewed By :Yogesh Patel 02/05/2025

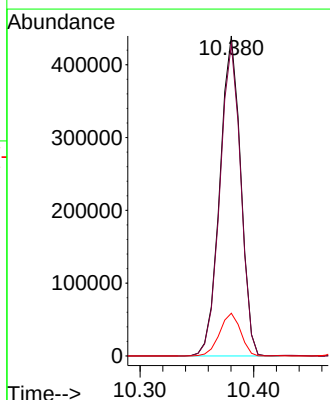
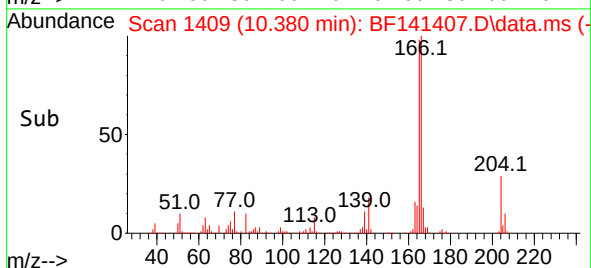
Supervised By :mohammad ahmed 02/05/2025

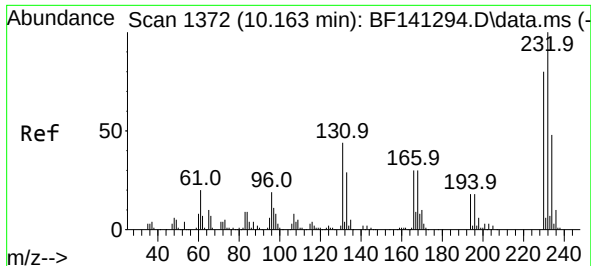


#58
Fluorene
Concen: 49.031 ng
RT: 10.380 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39



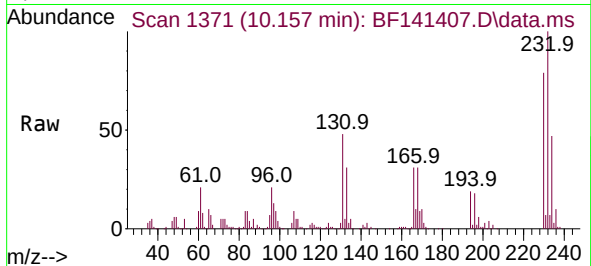
Tgt Ion:166 Resp: 560118
Ion Ratio Lower Upper
166 100
165 97.4 77.5 116.3
167 13.4 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 53.634 ng
RT: 10.157 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

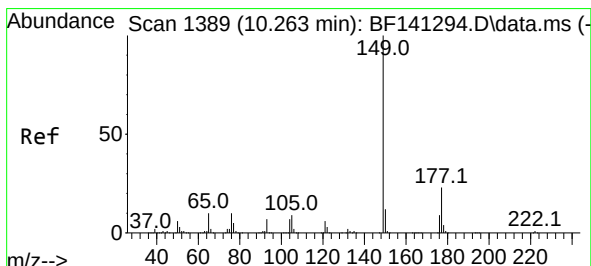
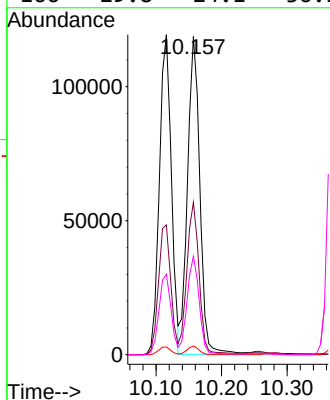
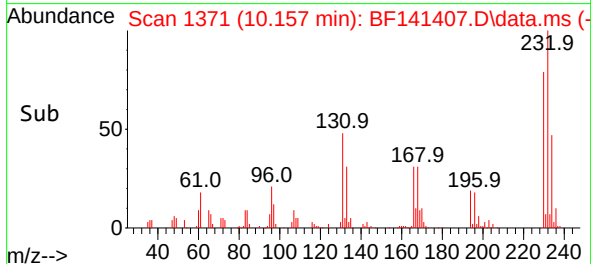
Instrument :
BNA_F
ClientSampleId :
PB166426BS



Tgt Ion:232 Resp: 154775
Ion Ratio Lower Upper
232 100
131 47.8 36.4 54.6
130 2.6 1.9 2.9
166 29.8 24.1 36.1

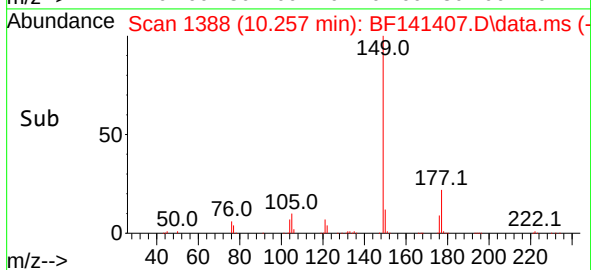
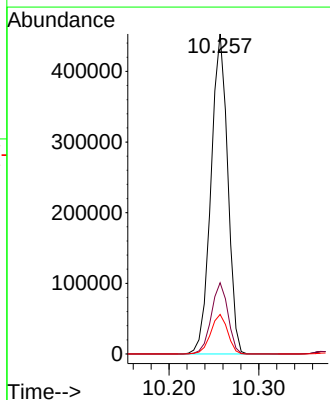
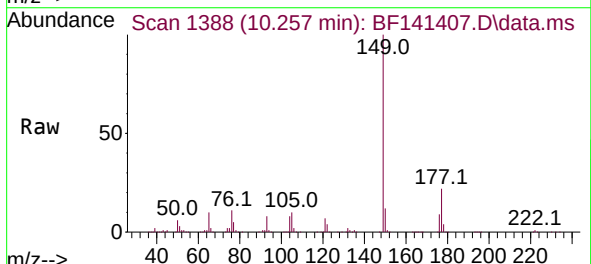
Manual Integrations
APPROVED

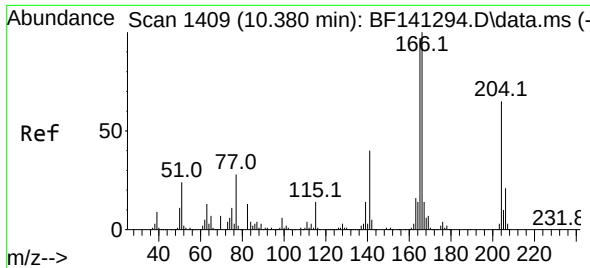
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#60
Diethylphthalate
Concen: 49.503 ng
RT: 10.257 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

Tgt Ion:149 Resp: 586751
Ion Ratio Lower Upper
149 100
177 22.2 18.5 27.7
150 12.3 10.0 15.0





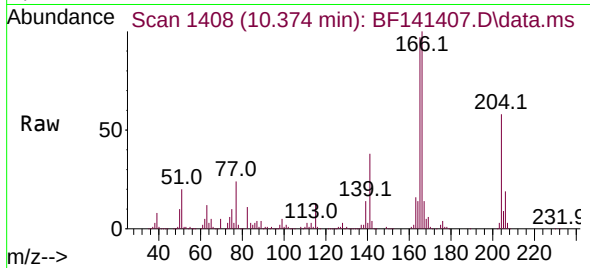
#61
4-Chlorophenyl-phenylether
Concen: 48.191 ng
RT: 10.374 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

Instrument :

BNA_F

ClientSampleId :

PB166426BS

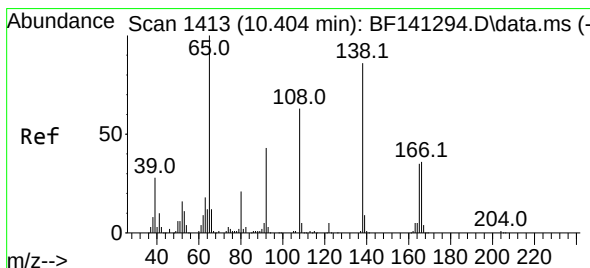
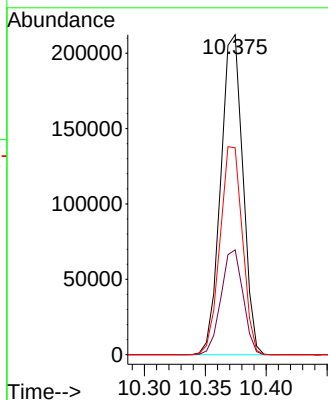
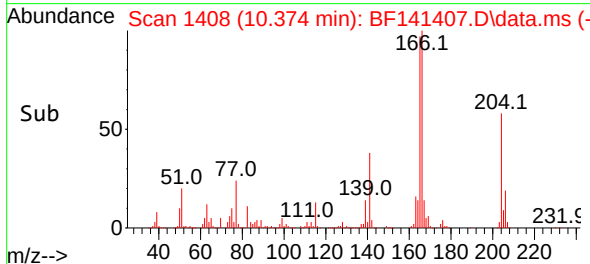


Tgt Ion:204 Resp: 26891
Ion Ratio Lower Upper
204 100
206 32.7 25.9 38.9
141 64.6 49.5 74.3

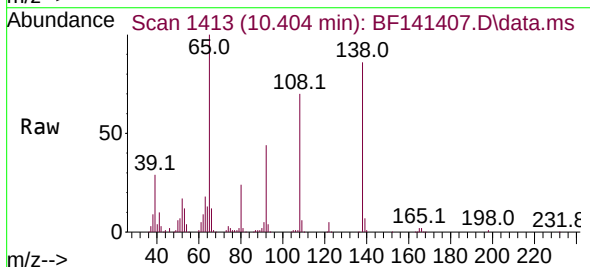
Manual Integrations

APPROVED

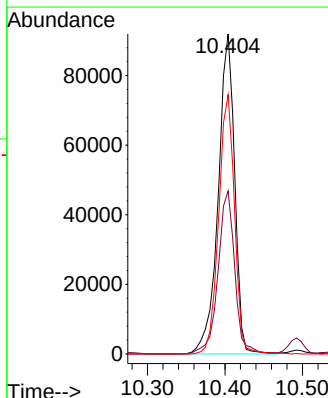
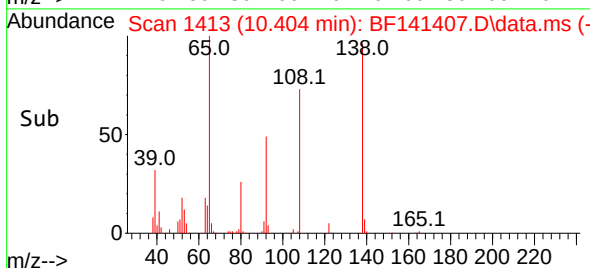
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

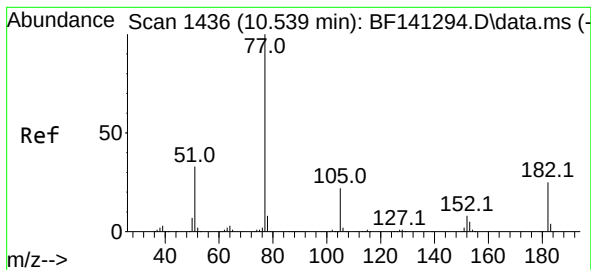


#62
4-Nitroaniline
Concen: 49.710 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39



Tgt Ion:138 Resp: 135954
Ion Ratio Lower Upper
138 100
92 51.0 30.1 70.1
108 81.0 53.1 93.1





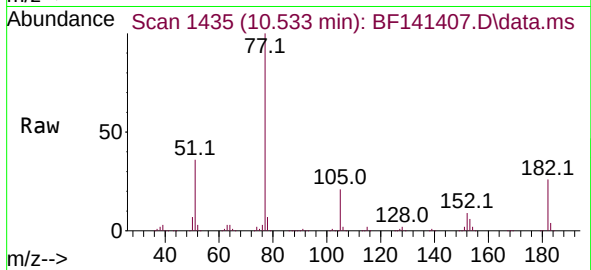
#63
Azobenzene
Concen: 47.614 ng
RT: 10.533 min Scan# 1435
Delta R.T. -0.012 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

Instrument :

BNA_F

ClientSampleId :

PB166426BS

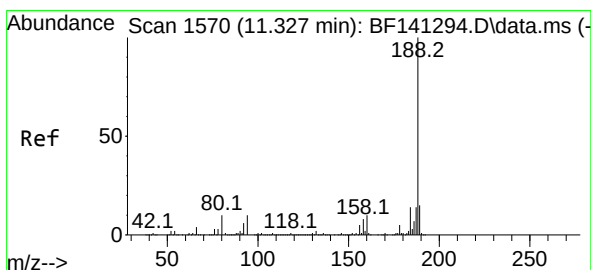
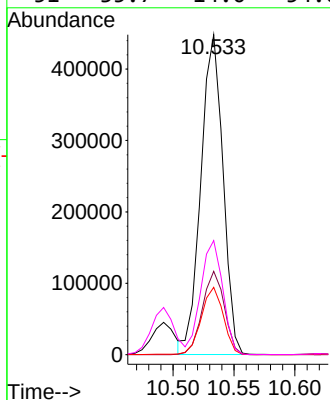
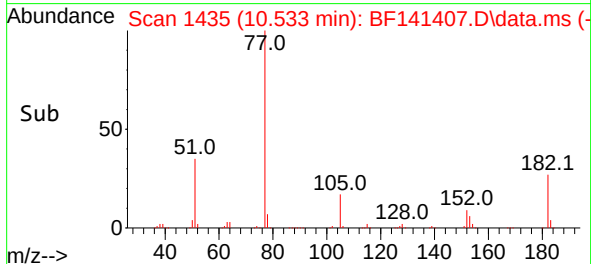


Tgt Ion: 77 Resp: 56490
Ion Ratio Lower Upper
77 100
182 26.1 5.1 45.1
105 21.0 1.8 41.8
51 35.7 14.0 54.0

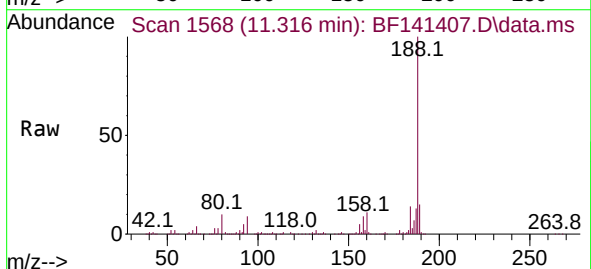
Manual Integrations

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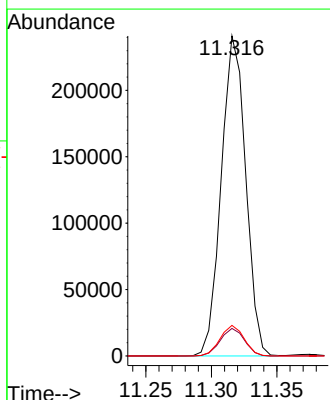
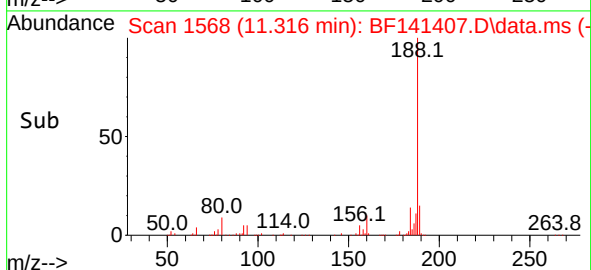
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

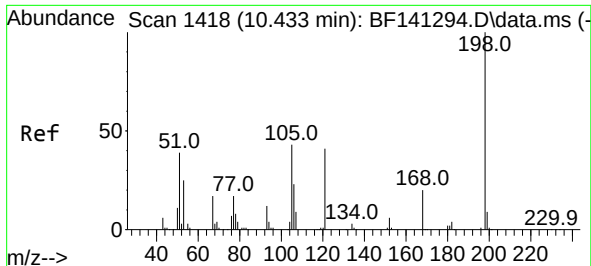


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1568
Delta R.T. -0.012 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39



Tgt Ion:188 Resp: 312610
Ion Ratio Lower Upper
188 100
94 8.6 7.8 11.6
80 9.6 8.2 12.4





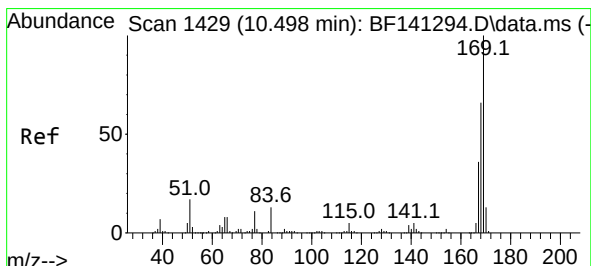
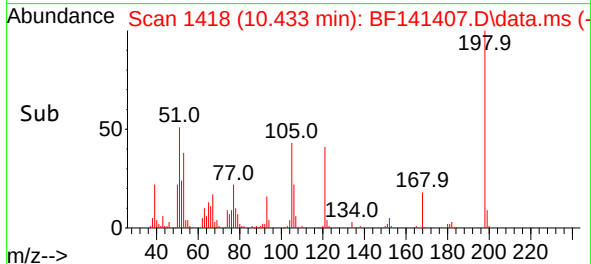
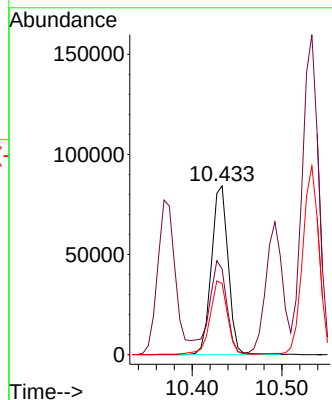
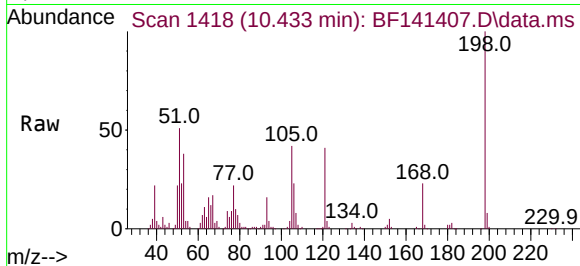
#65
4,6-Dinitro-2-methylphenol
Concen: 58.982 ng
RT: 10.433 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

Instrument :
BNA_F
ClientSampleId :
PB166426BS

Tgt Ion:198 Resp: 109062
Ion Ratio Lower Upper
198 100
51 50.7 33.4 73.4
105 42.1 24.4 64.4

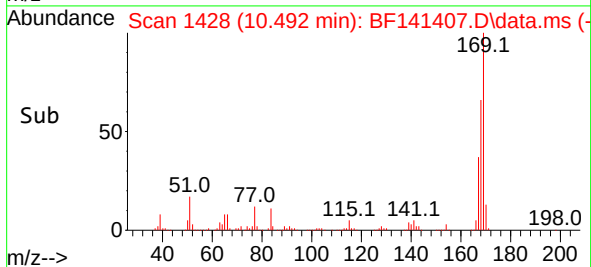
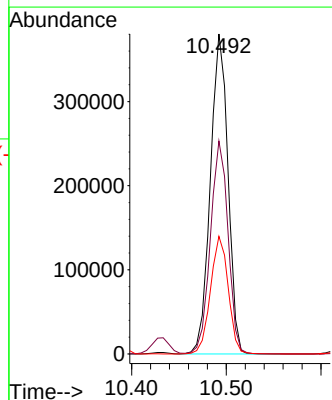
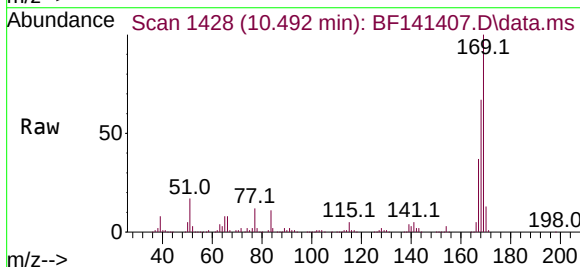
Manual Integrations
APPROVED

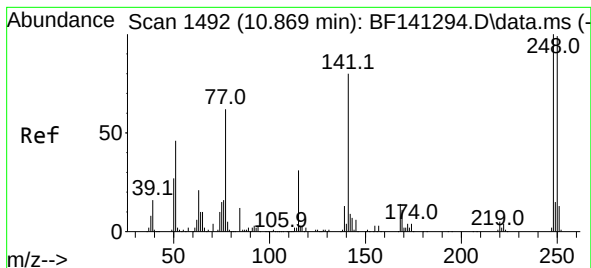
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#66
n-Nitrosodiphenylamine
Concen: 48.499 ng
RT: 10.492 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

Tgt Ion:169 Resp: 490366
Ion Ratio Lower Upper
169 100
168 66.5 53.0 79.4
167 36.7 28.8 43.2





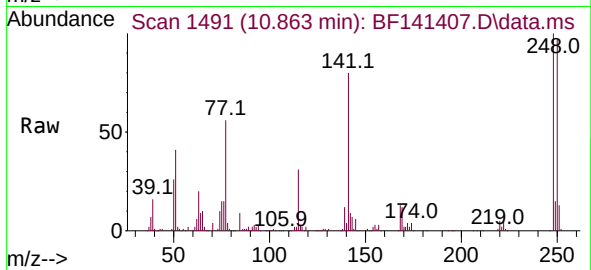
#67
4-Bromophenyl-phenylether
Concen: 48.562 ng
RT: 10.863 min Scan# 1491
Delta R.T. -0.012 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

Instrument :

BNA_F

ClientSampleId :

PB166426BS

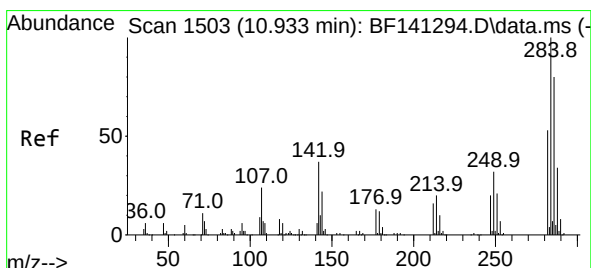
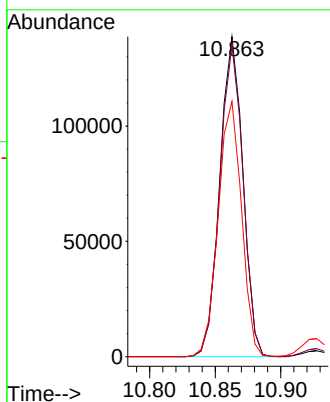
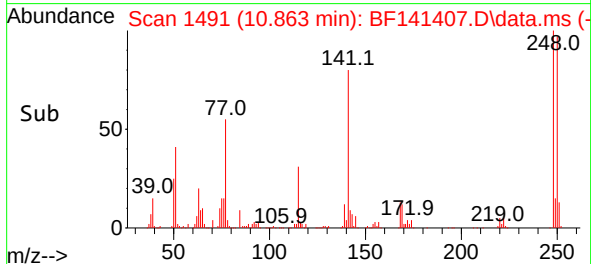


Tgt Ion:248 Resp: 169958
Ion Ratio Lower Upper
248 100
250 97.2 79.0 118.4
141 79.7 63.7 95.5

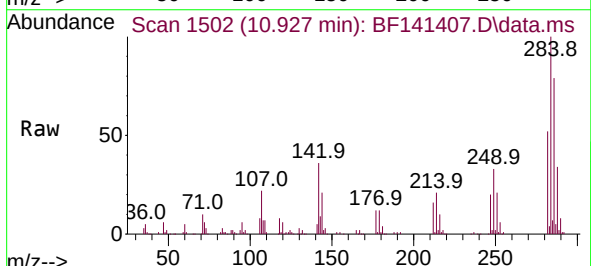
Manual Integrations

APPROVED

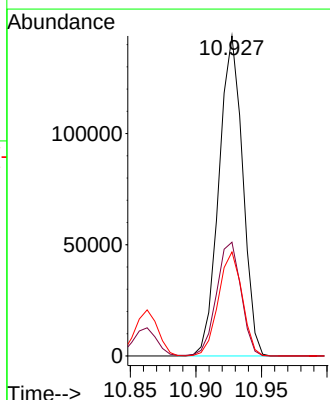
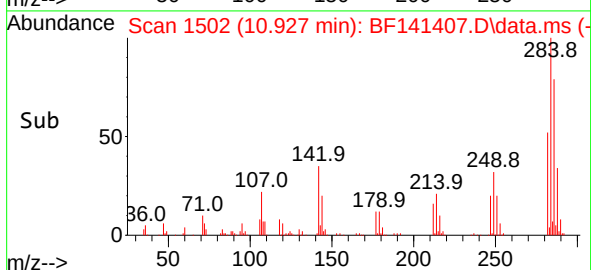
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

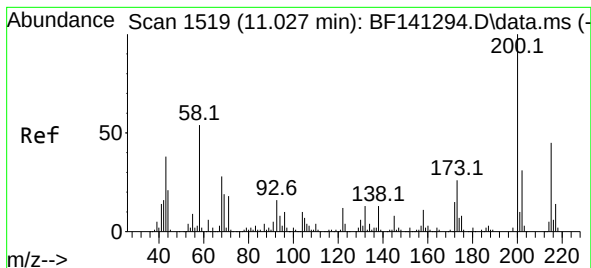


#68
Hexachlorobenzene
Concen: 48.853 ng
RT: 10.927 min Scan# 1502
Delta R.T. -0.012 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39



Tgt Ion:284 Resp: 181362
Ion Ratio Lower Upper
284 100
142 35.5 29.5 44.3
249 32.5 25.4 38.2





#69

Atrazine

Concen: 51.796 ng

RT: 11.022 min Scan# 1519

Delta R.T. -0.012 min

Lab File: BF141407.D

Acq: 04 Feb 2025 14:39

Instrument :

BNA_F

ClientSampleId :

PB166426BS

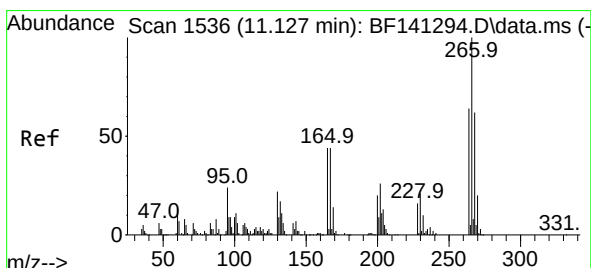
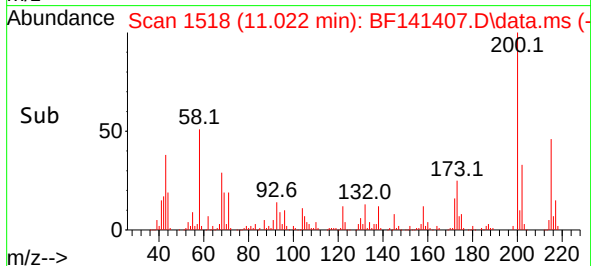
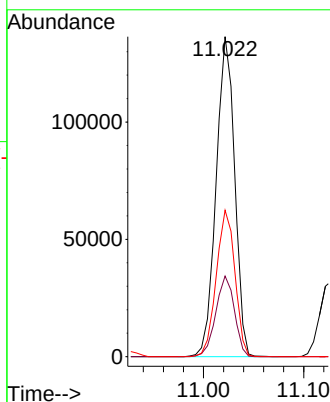
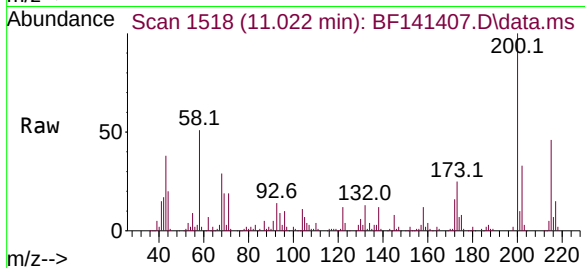
Tgt Ion:200 Resp: 175099
 Ion Ratio Lower Upper
 200 100
 173 25.2 5.9 45.9
 215 45.8 25.2 65.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/05/2025

Supervised By :mohammad ahmed 02/05/2025



#70

Pentachlorophenol

Concen: 103.193 ng

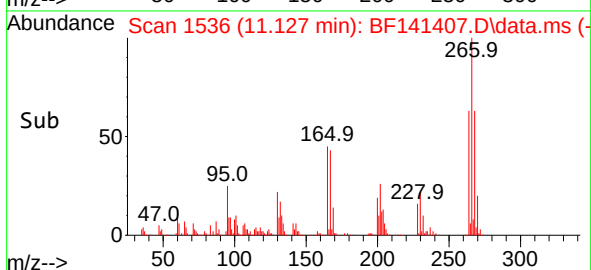
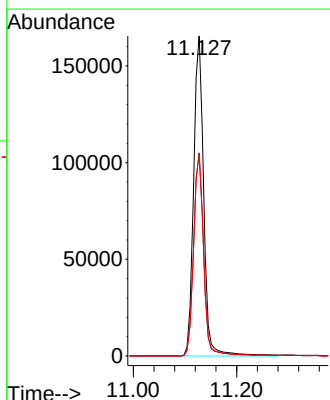
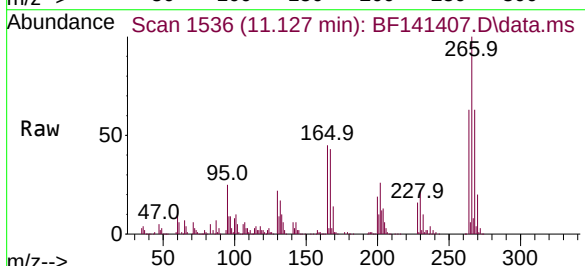
RT: 11.127 min Scan# 1536

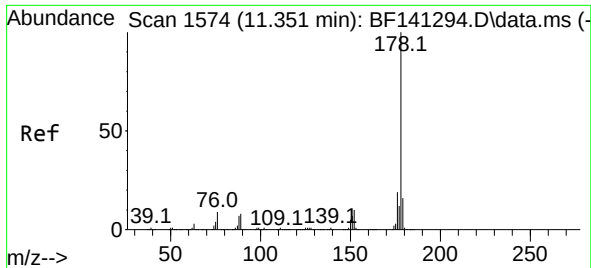
Delta R.T. -0.006 min

Lab File: BF141407.D

Acq: 04 Feb 2025 14:39

Tgt Ion:266 Resp: 224331
 Ion Ratio Lower Upper
 266 100
 268 63.4 49.9 74.9
 264 63.3 51.0 76.4





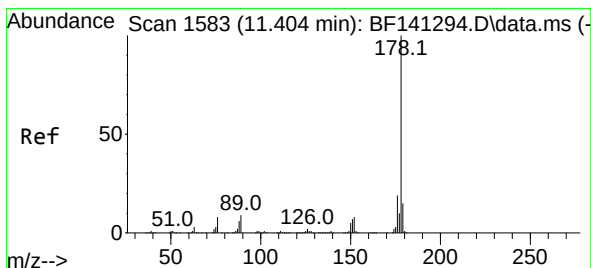
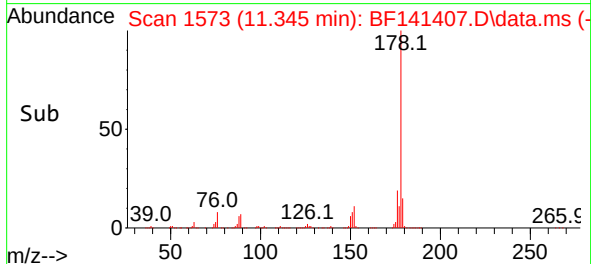
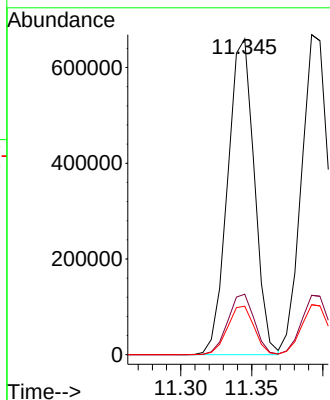
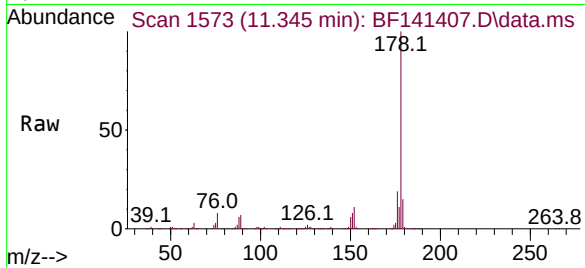
#71
Phenanthrene
Concen: 51.288 ng
RT: 11.345 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

Instrument :
BNA_F
ClientSampleId :
PB166426BS

Tgt Ion:178 Resp: 861852
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.4 12.5 18.7

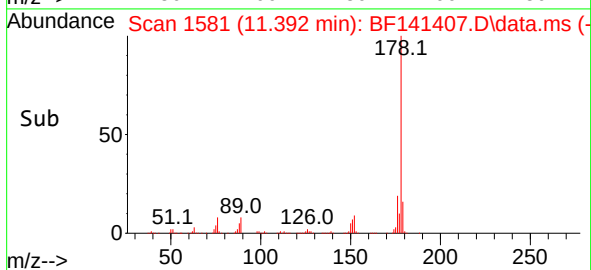
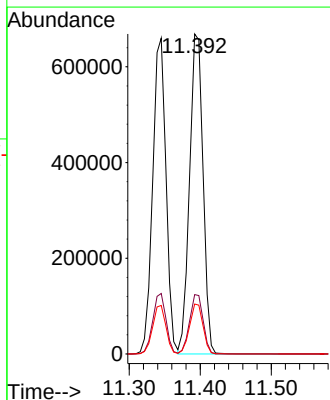
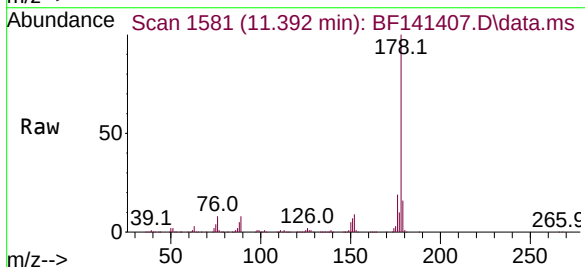
Manual Integrations
APPROVED

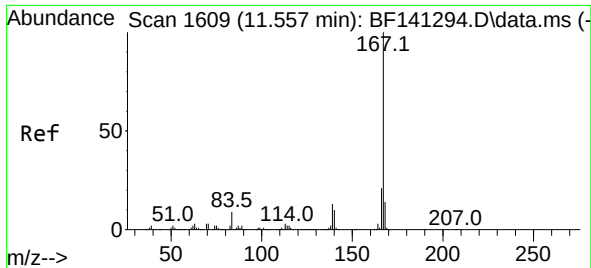
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#72
Anthracene
Concen: 53.619 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

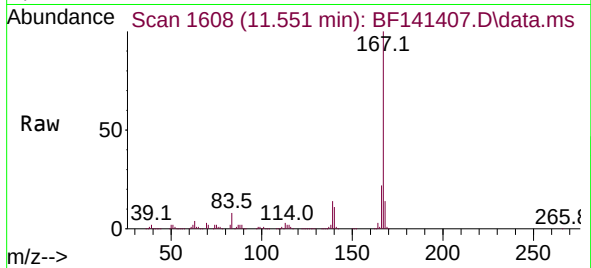
Tgt Ion:178 Resp: 882833
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.6
179 15.6 12.3 18.5





#73
Carbazole
Concen: 52.783 ng
RT: 11.551 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

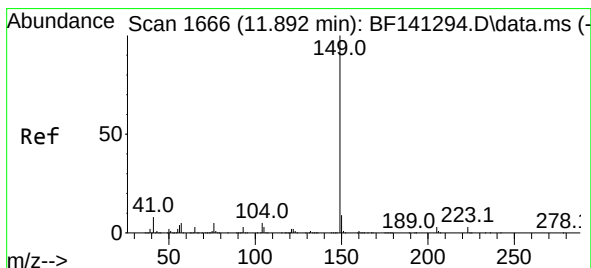
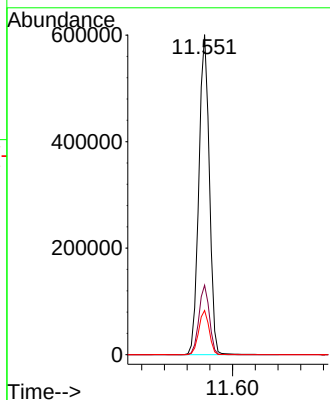
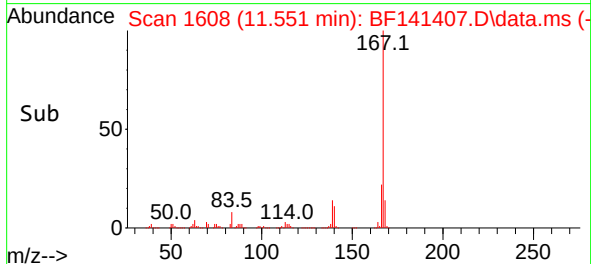
Instrument :
BNA_F
ClientSampleId :
PB166426BS



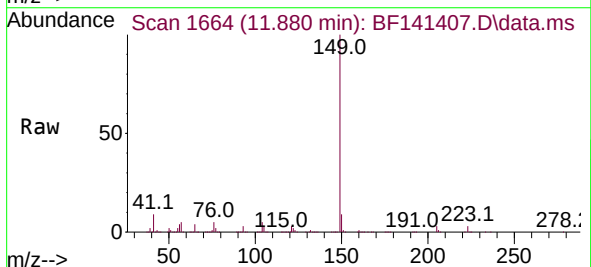
Tgt Ion:167 Resp: 770620
Ion Ratio Lower Upper
167 100
166 21.7 17.0 25.6
139 13.8 10.6 16.0

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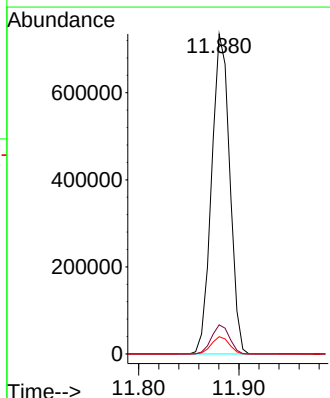
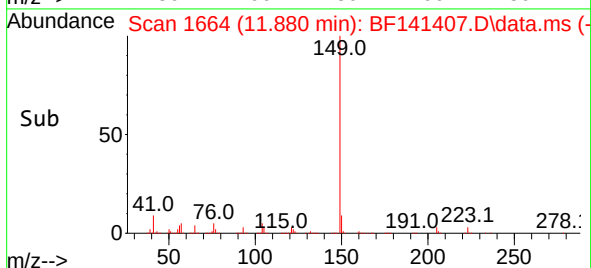
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

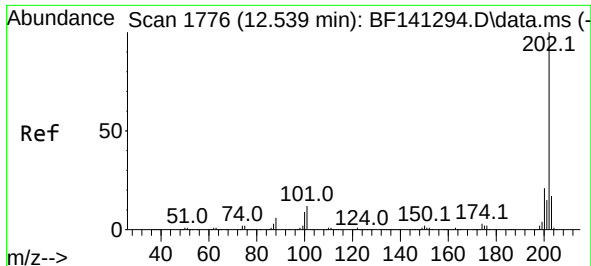


#74
Di-n-butylphthalate
Concen: 52.143 ng
RT: 11.880 min Scan# 1664
Delta R.T. -0.012 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39



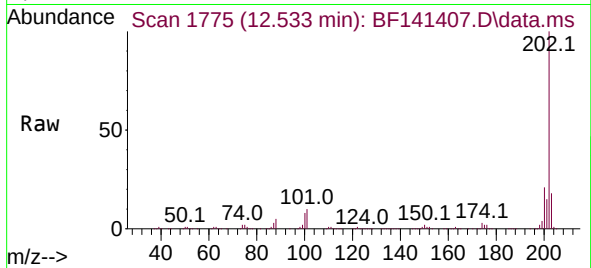
Tgt Ion:149 Resp: 922589
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.2
104 5.4 3.9 5.9





#75
Fluoranthene
Concen: 55.804 ng
RT: 12.533 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

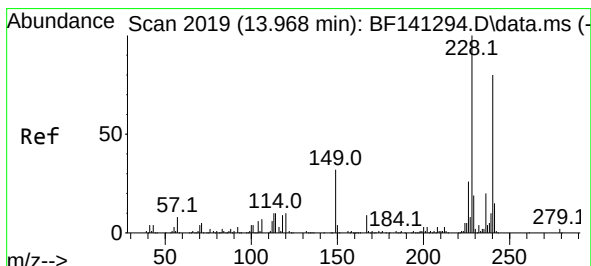
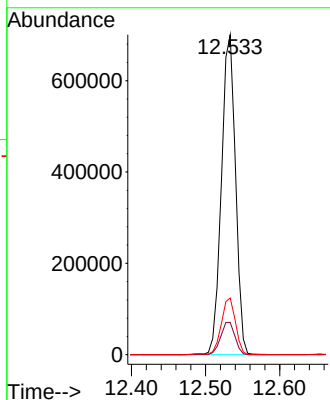
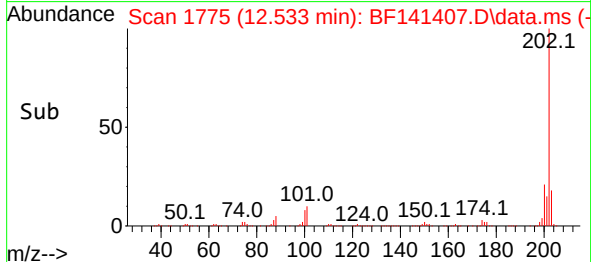
Instrument :
BNA_F
ClientSampleId :
PB166426BS



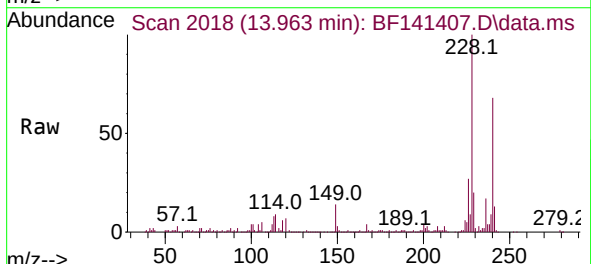
Tgt Ion:202 Resp: 925902
Ion Ratio Lower Upper
202 100
101 10.1 0.0 31.7
203 17.7 0.0 37.5

Manual Integrations
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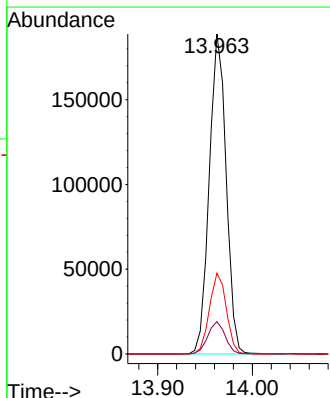
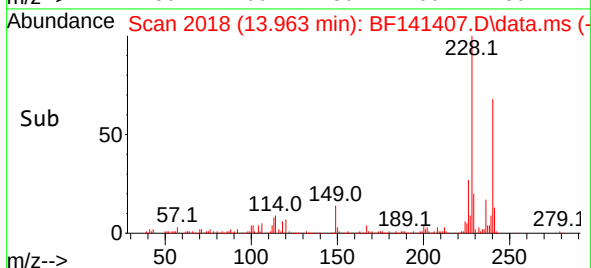
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

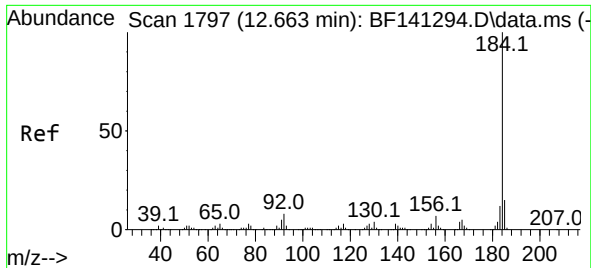


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39



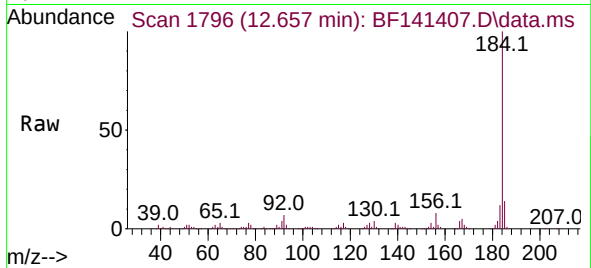
Tgt Ion:240 Resp: 234119
Ion Ratio Lower Upper
240 100
120 10.1 10.0 15.0
236 25.2 19.7 29.5





#77
Benzidine
Concen: 24.265 ng
RT: 12.657 min Scan# 182119
Delta R.T. -0.006 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

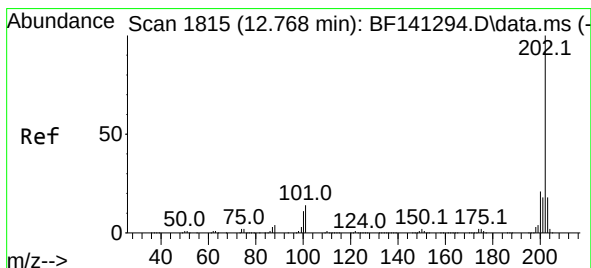
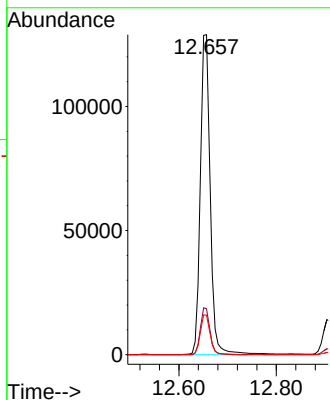
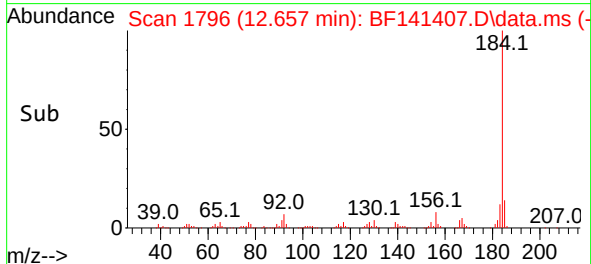
Instrument :
BNA_F
ClientSampleId :
PB166426BS



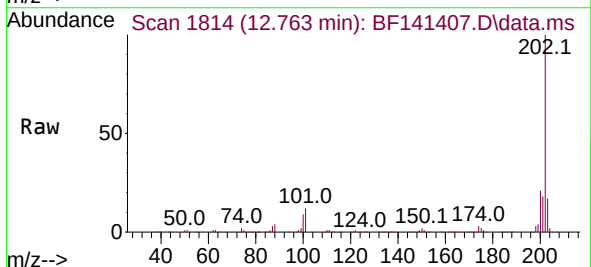
Tgt Ion:184 Resp: 182119
Ion Ratio Lower Upper
184 100
185 14.3 11.9 17.9
183 12.3 9.5 14.3

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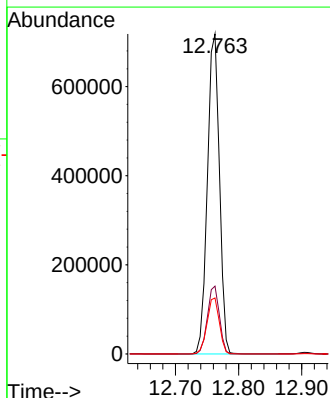
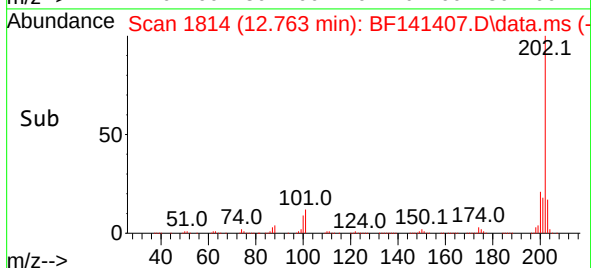
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

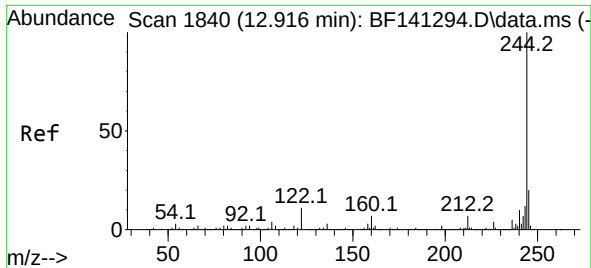


#78
Pyrene
Concen: 42.345 ng
RT: 12.763 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39



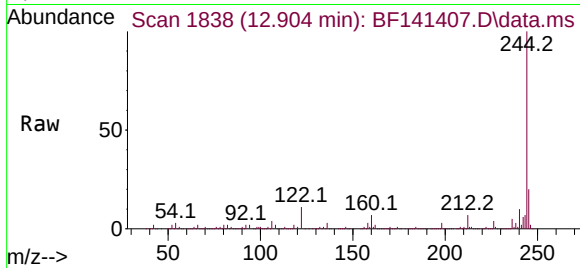
Tgt Ion:202 Resp: 951626
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 17.5 14.3 21.5





#79
 Terphenyl-d14
 Concen: 89.945 ng
 RT: 12.904 min Scan# 1838
 Delta R.T. -0.012 min
 Lab File: BF141407.D
 Acq: 04 Feb 2025 14:39

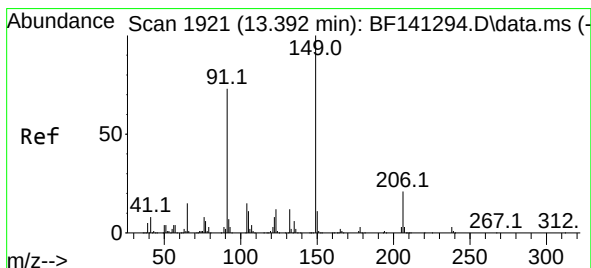
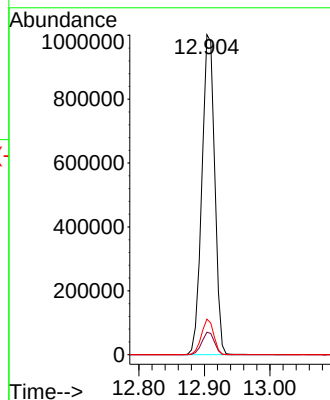
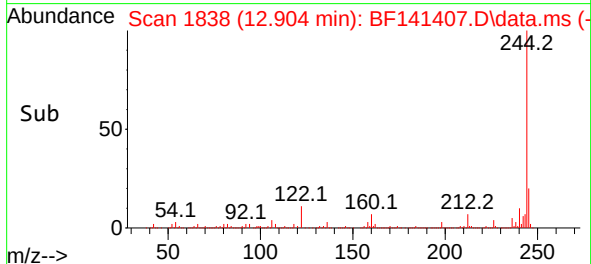
Instrument :
 BNA_F
 ClientSampleId :
 PB166426BS



Tgt Ion:244 Resp: 1365458
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 11.1 8.8 13.2

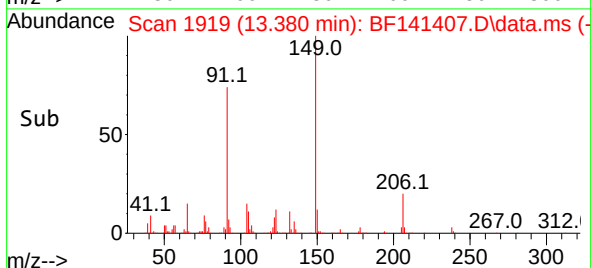
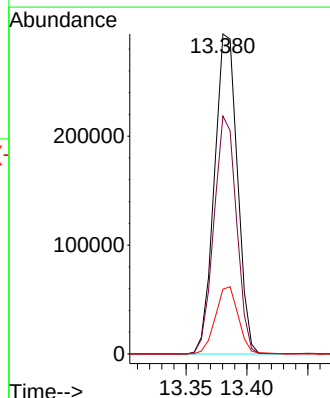
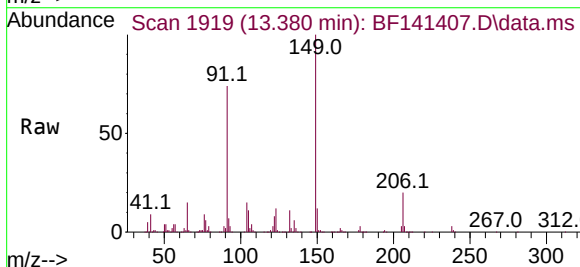
Manual Integrations
 APPROVED

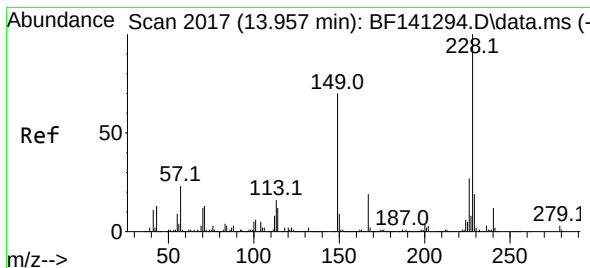
Reviewed By :Yogesh Patel 02/05/2025
 Supervised By :mohammad ahmed 02/05/2025



#80
 Butylbenzylphthalate
 Concen: 49.204 ng
 RT: 13.380 min Scan# 1919
 Delta R.T. -0.012 min
 Lab File: BF141407.D
 Acq: 04 Feb 2025 14:39

Tgt Ion:149 Resp: 386308
 Ion Ratio Lower Upper
 149 100
 91 74.4 58.6 87.8
 206 20.2 16.7 25.1





#81

Benzo(a)anthracene

Concen: 46.144 ng

RT: 13.951 min Scan# 2010

Delta R.T. -0.012 min

Lab File: BF141407.D

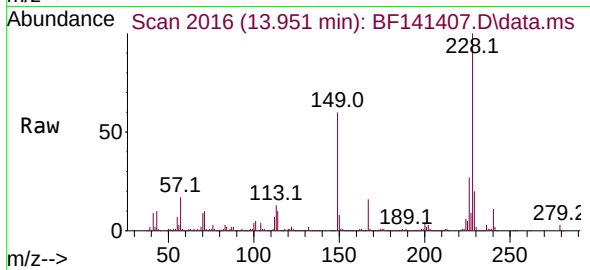
Acq: 04 Feb 2025 14:39

Instrument :

BNA_F

ClientSampleId :

PB166426BS



Tgt Ion:228 Resp: 745470

Ion Ratio Lower Upper

228 100

226 27.1 21.4 32.2

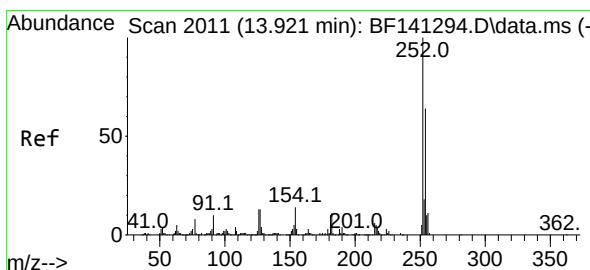
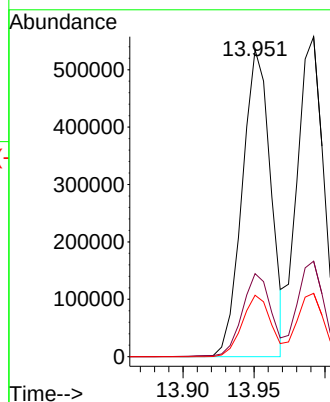
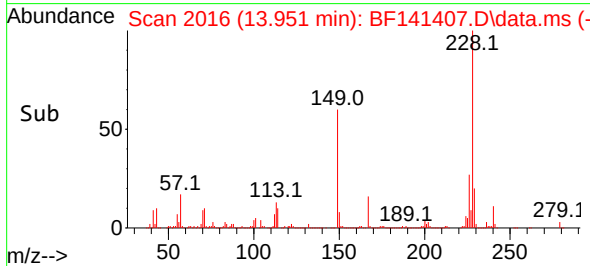
229 20.0 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/05/2025

Supervised By :mohammad ahmed 02/05/2025



#82

3,3'-Dichlorobenzidine

Concen: 24.949 ng

RT: 13.915 min Scan# 2010

Delta R.T. -0.012 min

Lab File: BF141407.D

Acq: 04 Feb 2025 14:39

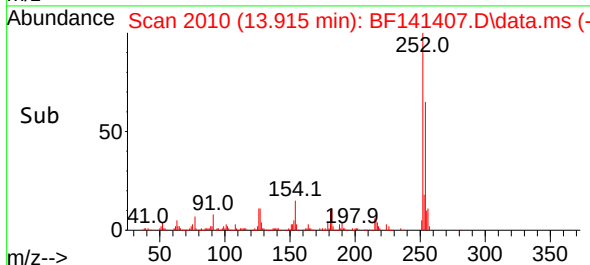
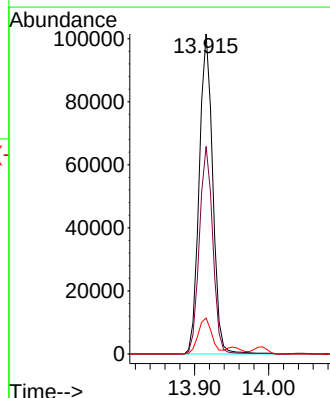
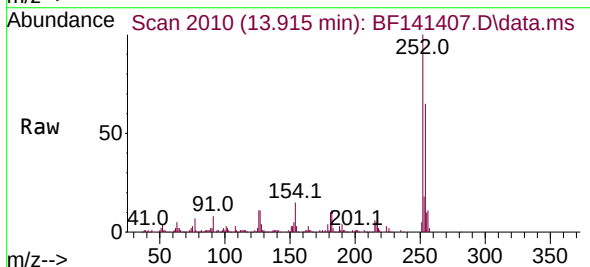
Tgt Ion:252 Resp: 128195

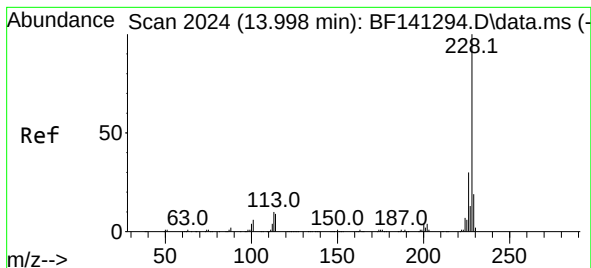
Ion Ratio Lower Upper

252 100

254 64.9 51.3 76.9

126 11.2 10.0 15.0





#83

Chrysene

Concen: 48.772 ng

RT: 13.992 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF141407.D

Acq: 04 Feb 2025 14:39

Instrument :

BNA_F

ClientSampleId :

PB166426BS

Tgt Ion:228 Resp: 722130

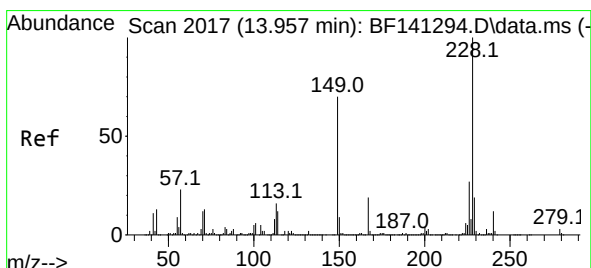
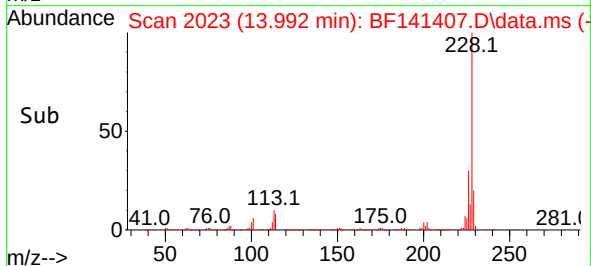
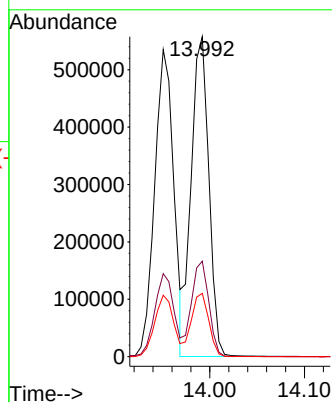
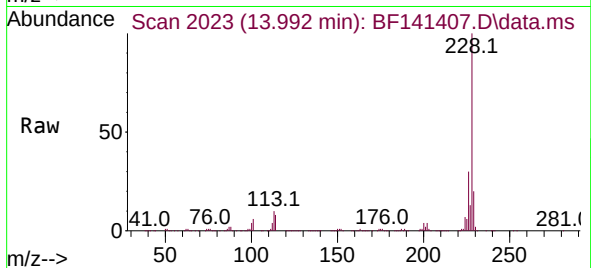
Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.1	36.1
229	19.8	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/05/2025

Supervised By :mohammad ahmed 02/05/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.156 ng

RT: 13.945 min Scan# 2015

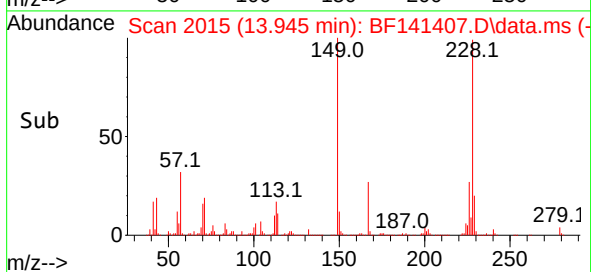
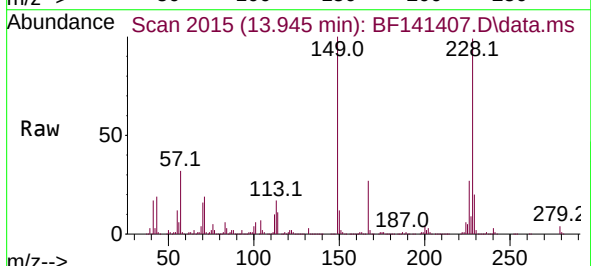
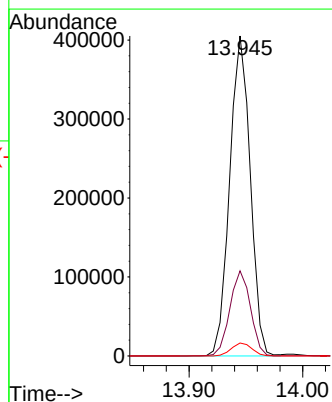
Delta R.T. -0.012 min

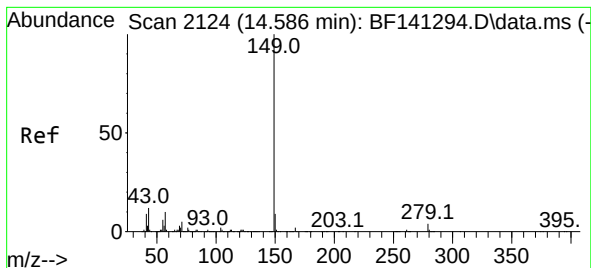
Lab File: BF141407.D

Acq: 04 Feb 2025 14:39

Tgt Ion:149 Resp: 509487

Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.8	32.8
279	4.0	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 51.792 ng

RT: 14.568 min Scan# 2124

Delta R.T. -0.018 min

Lab File: BF141407.D

Acq: 04 Feb 2025 14:39

Instrument :

BNA_F

ClientSampleId :

PB166426BS

Tgt Ion:149 Resp: 801160

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

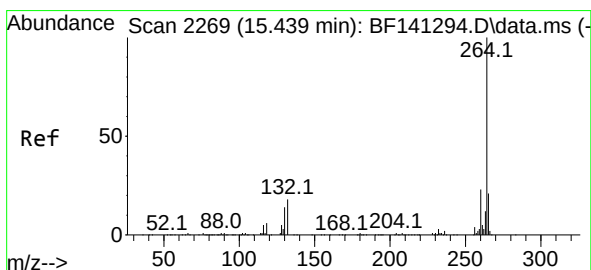
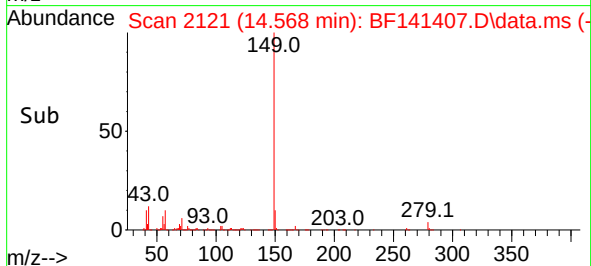
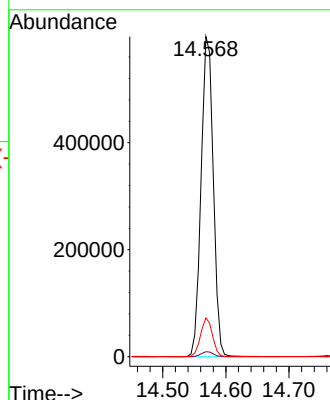
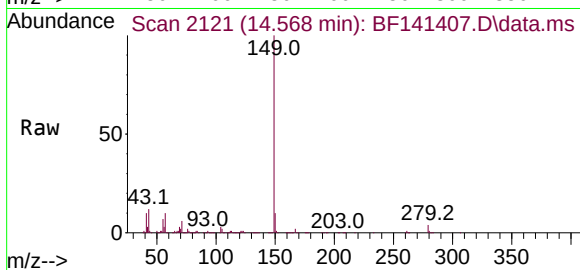
43 11.7 9.8 14.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/05/2025

Supervised By :mohammad ahmed 02/05/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.421 min Scan# 2266

Delta R.T. -0.018 min

Lab File: BF141407.D

Acq: 04 Feb 2025 14:39

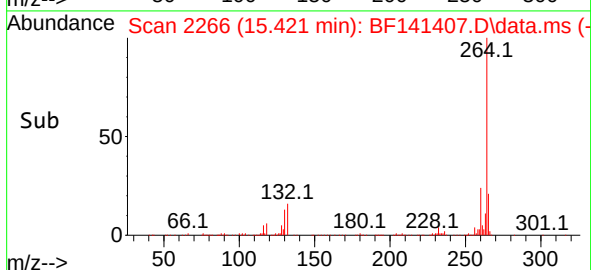
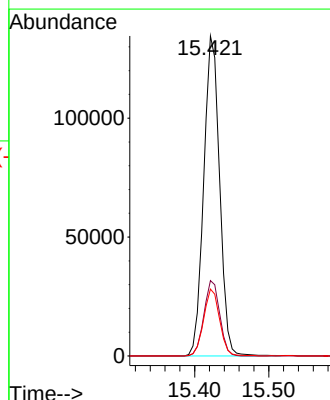
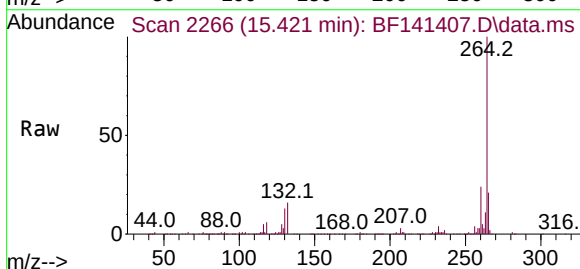
Tgt Ion:264 Resp: 200536

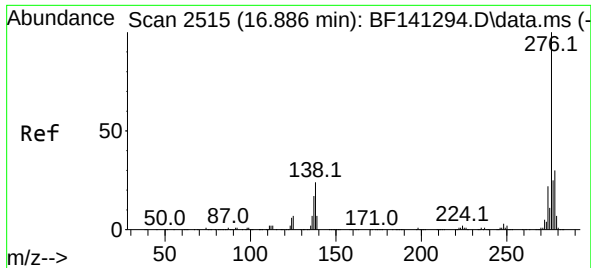
Ion Ratio Lower Upper

264 100

260 23.6 18.6 27.8

265 20.9 16.7 25.1





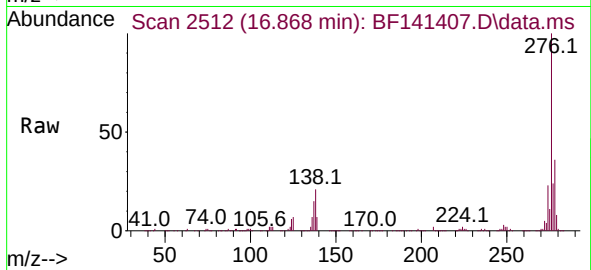
#87
Indeno(1,2,3-cd)pyrene
Concen: 49.309 ng
RT: 16.868 min Scan# 2118
Delta R.T. -0.030 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

Instrument :

BNA_F

ClientSampleId :

PB166426BS

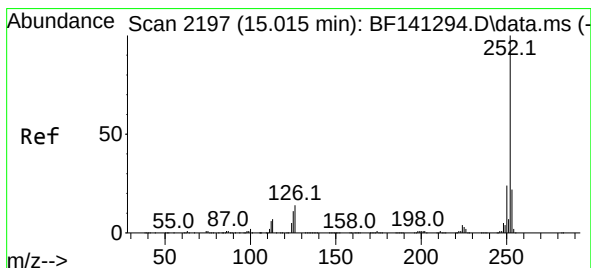
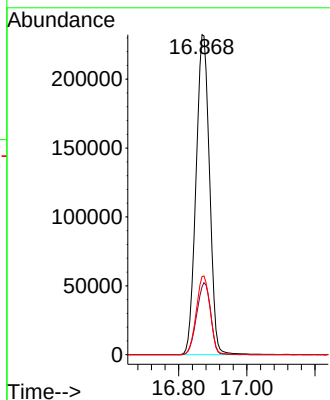
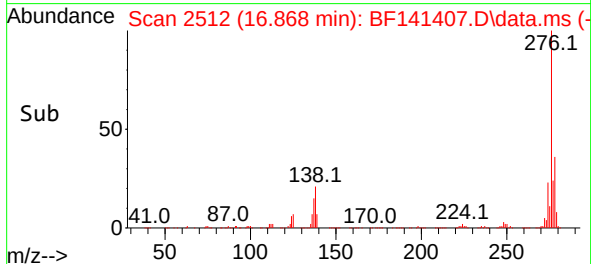


Tgt Ion:276 Resp: 638218
Ion Ratio Lower Upper
276 100
138 23.2 21.7 32.5
277 25.2 20.3 30.5

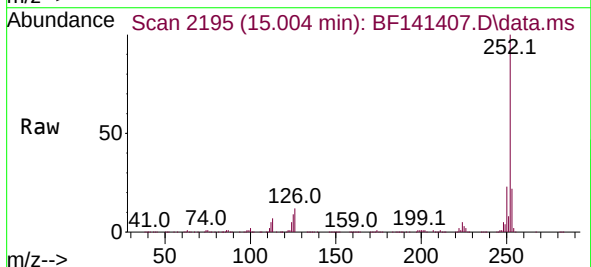
Manual Integrations

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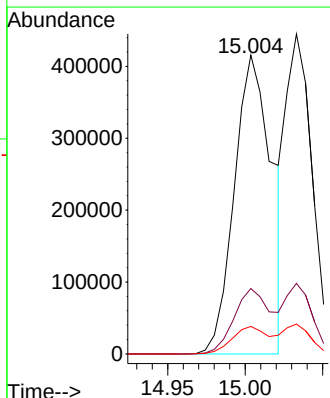
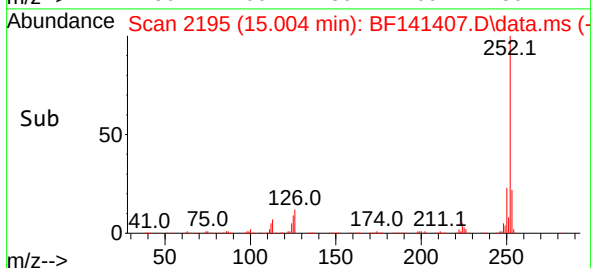
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

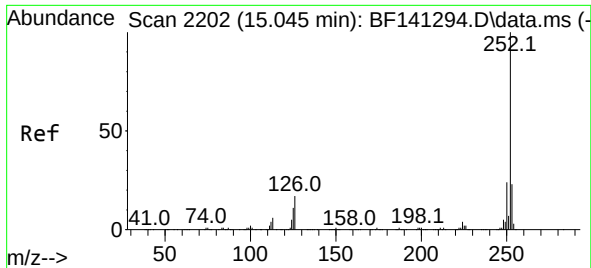


#88
Benzo(b)fluoranthene
Concen: 55.316 ng
RT: 15.004 min Scan# 2195
Delta R.T. -0.018 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39



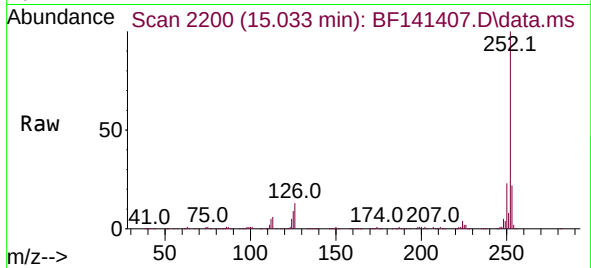
Tgt Ion:252 Resp: 697768
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 9.2 8.6 12.8





#89
Benzo(k)fluoranthene
Concen: 47.265 ng
RT: 15.033 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

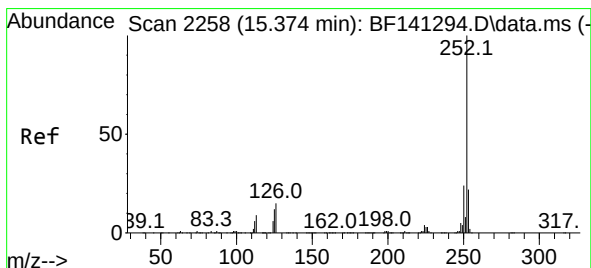
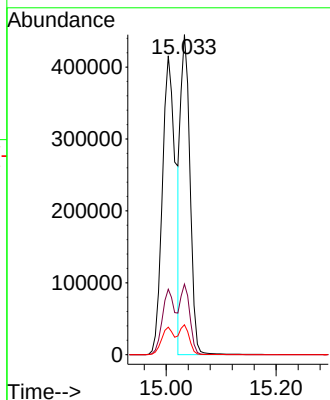
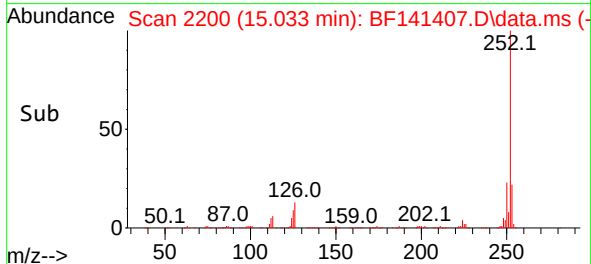
Instrument :
BNA_F
ClientSampleId :
PB166426BS



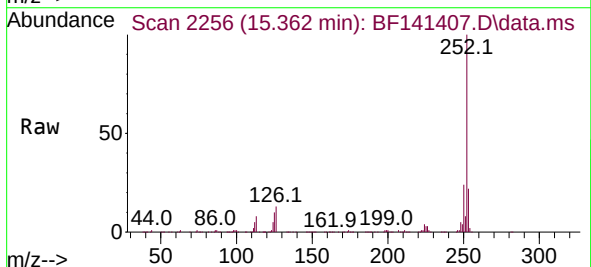
Tgt Ion:252 Resp: 52816
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 9.3 8.4 12.6

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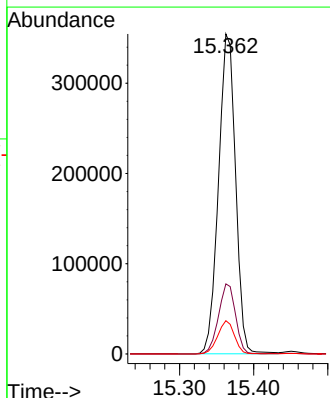
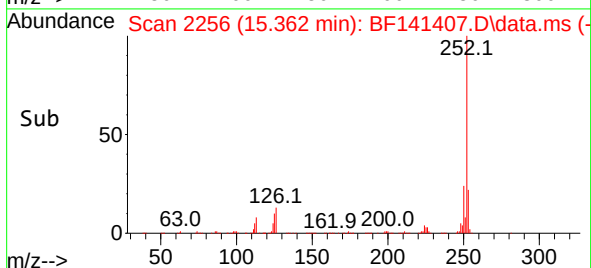
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

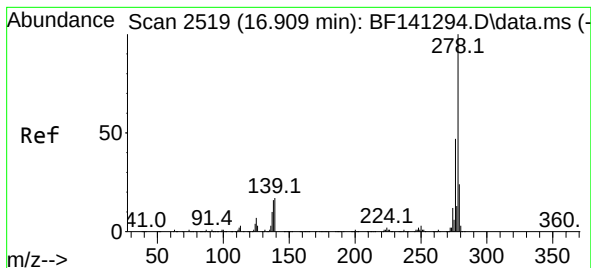


#90
Benzo(a)pyrene
Concen: 53.145 ng
RT: 15.362 min Scan# 2256
Delta R.T. -0.018 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39



Tgt Ion:252 Resp: 566504
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 10.4 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 49.118 ng

RT: 16.886 min Scan# 2515

Delta R.T. -0.035 min

Lab File: BF141407.D

Acq: 04 Feb 2025 14:39

Instrument :

BNA_F

ClientSampleId :

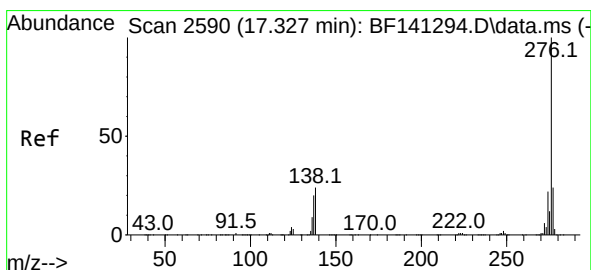
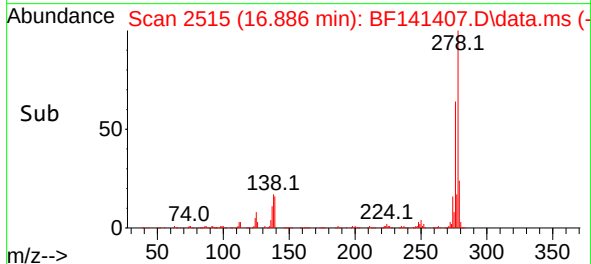
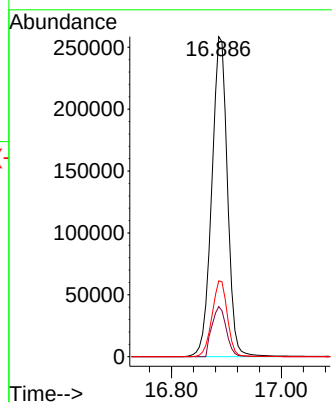
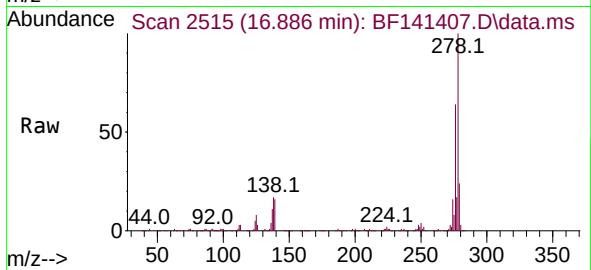
PB166426BS

Tgt Ion:278 Resp: 511474
 Ion Ratio Lower Upper
 278 100
 139 15.7 13.9 20.9
 279 23.7 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/05/2025
 Supervised By :mohammad ahmed 02/05/2025



#92

Benzo(g,h,i)perylene

Concen: 44.307 ng

RT: 17.309 min Scan# 2587

Delta R.T. -0.035 min

Lab File: BF141407.D

Acq: 04 Feb 2025 14:39

Tgt Ion:276 Resp: 479740
 Ion Ratio Lower Upper
 276 100
 277 23.6 19.2 28.8
 138 19.2 19.0 28.4

