

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
 Data File : BF141447.D
 Acq On : 05 Feb 2025 15:16
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/06/2025
 Supervised By :mohammad ahmed 02/06/2025

Quant Time: Feb 05 15:51:32 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	6.792	152	82418	20.000	ng	-0.01
21) Naphthalene-d8	8.075	136	312528	20.000	ng	#-0.01
39) Acenaphthene-d10	9.828	164	169230	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	293274	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	189132	20.000	ng	#-0.01
86) Perylene-d12	15.421	264	170936	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	431535	80.382	ng	0.00
7) Phenol-d6	6.434	99	527065	77.175	ng	0.00
23) Nitrobenzene-d5	7.357	82	501910	84.661	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	137575	88.675	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	901907	82.031	ng	-0.01
79) Terphenyl-d14	12.904	244	984126	80.246	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.451	88	86079	36.458	ng	97
3) Pyridine	3.181	79	212209	37.303	ng	94
4) n-Nitrosodimethylamine	3.140	42	142194m	43.755	ng	
6) Aniline	6.451	93	213567	36.942	ng	# 26
8) 2-Chlorophenol	6.581	128	226620	39.384	ng	97
9) Benzaldehyde	6.339	77	175480	44.359	ng	98
10) Phenol	6.445	94	278886	38.522	ng	# 71
11) bis(2-Chloroethyl)ether	6.528	93	206064	37.123	ng	99
12) 1,3-Dichlorobenzene	6.728	146	258314	40.714	ng	98
13) 1,4-Dichlorobenzene	6.810	146	257154	40.346	ng	100
14) 1,2-Dichlorobenzene	6.963	146	243391	40.781	ng	99
15) Benzyl Alcohol	6.934	79	196541	42.111	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.069	45	339918	35.215	ng	86
17) 2-Methylphenol	7.051	107	176306	37.700	ng	# 93
18) Hexachloroethane	7.304	117	96738	41.142	ng	95
19) n-Nitroso-di-n-propyla...	7.204	70	154323	38.029	ng	99
20) 3+4-Methylphenols	7.204	107	229646	39.993	ng	91
22) Acetophenone	7.204	105	309705	41.690	ng	97
24) Nitrobenzene	7.375	77	256448	41.742	ng	98
25) Isophorone	7.610	82	399431	38.977	ng	98
26) 2-Nitrophenol	7.692	139	120266	41.507	ng	95
27) 2,4-Dimethylphenol	7.734	122	143150m	38.815	ng	
28) bis(2-Chloroethoxy)met...	7.822	93	246023	37.637	ng	99
29) 2,4-Dichlorophenol	7.939	162	186722	41.356	ng	99
30) 1,2,4-Trichlorobenzene	8.016	180	214815	41.662	ng	99
31) Naphthalene	8.098	128	669352	40.542	ng	99
32) Benzoic acid	7.851	122	142996	42.178	ng	96
33) 4-Chloroaniline	8.145	127	193463	34.556	ng	98
34) Hexachlorobutadiene	8.210	225	132295	43.752	ng	99
35) Caprolactam	8.516	113	58255	39.508	ng	98
36) 4-Chloro-3-methylphenol	8.633	107	202603	41.835	ng	97
37) 2-Methylnaphthalene	8.786	142	423023	40.313	ng	100
38) 1-Methylnaphthalene	8.886	142	413353	40.101	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	196378	40.790	ng	99
41) Hexachlorocyclopentadiene	8.939	237	57315	40.311	ng	98
43) 2,4,6-Trichlorophenol	9.069	196	130083	41.280	ng	100

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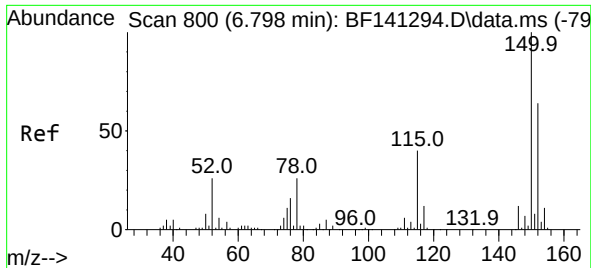
Quant Time: Feb 05 15:51:32 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	140152	40.864	ng	99
46) 1,1'-Biphenyl	9.251	154	521663	39.526	ng	98
47) 2-Chloronaphthalene	9.275	162	408289	39.690	ng	100
48) 2-Nitroaniline	9.375	65	137877	42.611	ng	97
49) Acenaphthylene	9.692	152	582863	40.477	ng	100
50) Dimethylphthalate	9.551	163	462460	40.461	ng	100
51) 2,6-Dinitrotoluene	9.616	165	108549	40.902	ng	96
52) Acenaphthene	9.863	154	424189	41.234	ng	99
53) 3-Nitroaniline	9.786	138	105728	40.648	ng	98
54) 2,4-Dinitrophenol	9.892	184	56897	46.121	ng	90
55) Dibenzofuran	10.033	168	559125	40.604	ng	96
56) 4-Nitrophenol	9.963	139	79433	41.757	ng	91
57) 2,4-Dinitrotoluene	10.022	165	148623	43.255	ng	94
58) Fluorene	10.380	166	445212	41.681	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.157	232	116047	43.009	ng	96
60) Diethylphthalate	10.251	149	451800	40.767	ng	98
61) 4-Chlorophenyl-phenyle...	10.369	204	218833	41.942	ng	96
62) 4-Nitroaniline	10.398	138	112018	43.805	ng	90
63) Azobenzene	10.533	77	442185	39.861	ng	97
65) 4,6-Dinitro-2-methylph...	10.427	198	81693	47.093	ng	94
66) n-Nitrosodiphenylamine	10.492	169	375589	39.596	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	134728	41.034	ng	97
68) Hexachlorobenzene	10.927	284	143713	41.264	ng	99
69) Atrazine	11.016	200	120467	37.984	ng	99
70) Pentachlorophenol	11.122	266	89197	43.736	ng	99
71) Phenanthrene	11.339	178	659727	41.848	ng	100
72) Anthracene	11.392	178	647901	41.945	ng	99
73) Carbazole	11.551	167	589368	43.030	ng	99
74) Di-n-butylphthalate	11.880	149	689234	41.523	ng	99
75) Fluoranthene	12.527	202	704384	45.252	ng	99
77) Benzidine	12.657	184	243520	40.163	ng	99
78) Pyrene	12.757	202	717034	39.495	ng	100
80) Butylbenzylphthalate	13.380	149	258917	40.822	ng	98
81) Benzo(a)anthracene	13.951	228	505330	38.719	ng	100
82) 3,3'-Dichlorobenzidine	13.915	252	157600	37.967	ng	98
83) Chrysene	13.986	228	468237	39.147	ng	100
84) Bis(2-ethylhexyl)phtha...	13.945	149	324105	40.283	ng	100
85) Di-n-octyl phthalate	14.568	149	463778	37.112	ng	99
87) Indeno(1,2,3-cd)pyrene	16.868	276	449874	40.777	ng	95
88) Benzo(b)fluoranthene	15.004	252	448091m	41.674	ng	
89) Benzo(k)fluoranthene	15.033	252	394915	41.460	ng	98
90) Benzo(a)pyrene	15.362	252	378746	41.684	ng	98
91) Dibenzo(a,h)anthracene	16.886	278	358157	40.350	ng	97
92) Benzo(g,h,i)perylene	17.303	276	373186	40.435	ng #	94

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



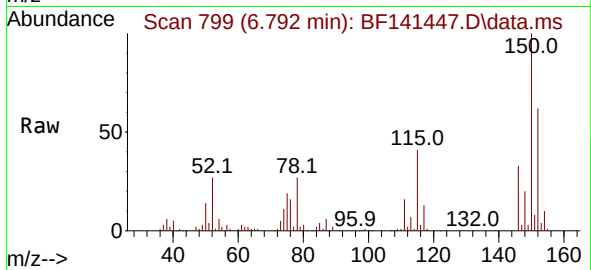
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 79
 Delta R.T. -0.012 min
 Lab File: BF141447.D
 Acq: 05 Feb 2025 15:16

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BNA_F

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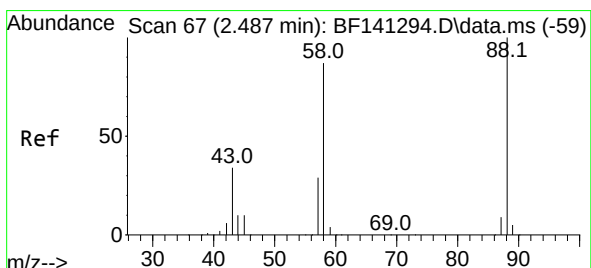
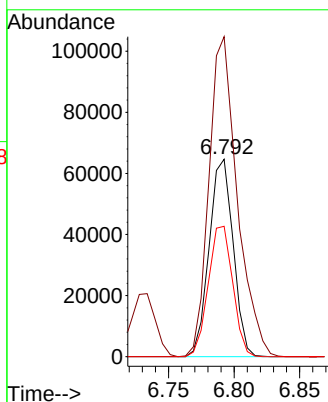
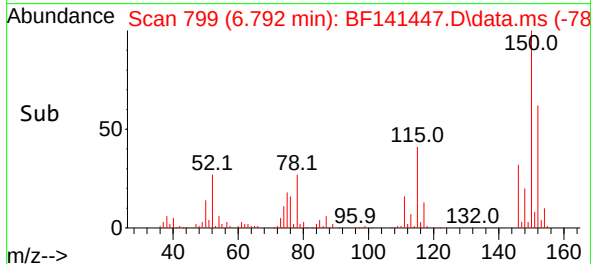


Tgt Ion:152 Resp: 82418
 Ion Ratio Lower Upper
 152 100
 150 162.1 125.9 188.9
 115 66.1 49.7 74.5

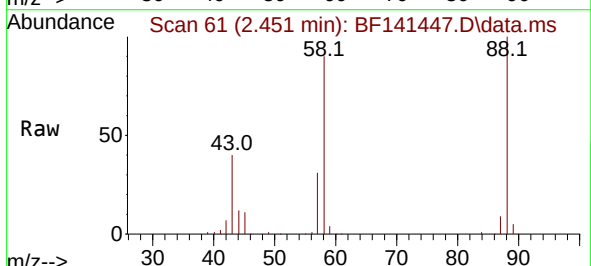
Manual Integrations

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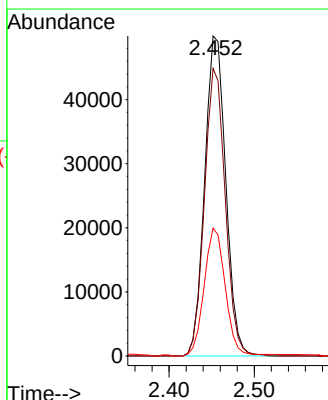
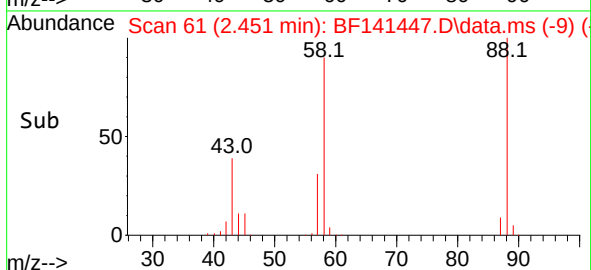
Reviewed By :Yogesh Patel 02/06/2025
 Supervised By :mohammad ahmed 02/06/2025

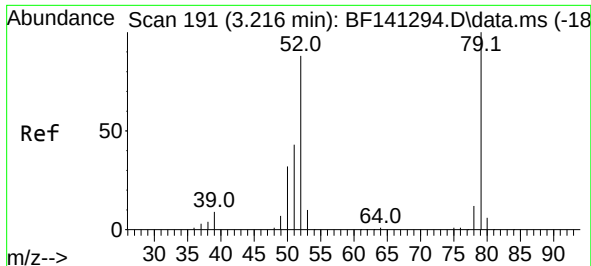


#2
 1,4-Dioxane
 Concen: 36.458 ng
 RT: 2.451 min Scan# 61
 Delta R.T. -0.041 min
 Lab File: BF141447.D
 Acq: 05 Feb 2025 15:16



Tgt Ion: 88 Resp: 86079
 Ion Ratio Lower Upper
 88 100
 58 88.4 70.2 105.4
 43 39.8 27.6 41.4





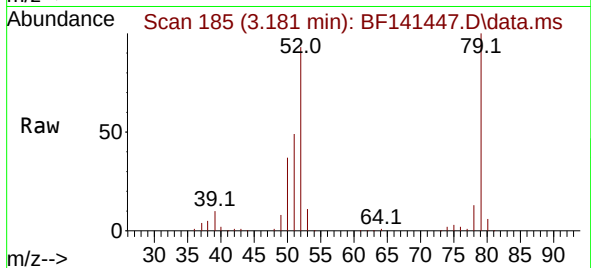
#3
Pyridine
Concen: 37.303 ng
RT: 3.181 min Scan# 11
Delta R.T. -0.047 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

Instrument :

BNA_F

ClientSampleId :

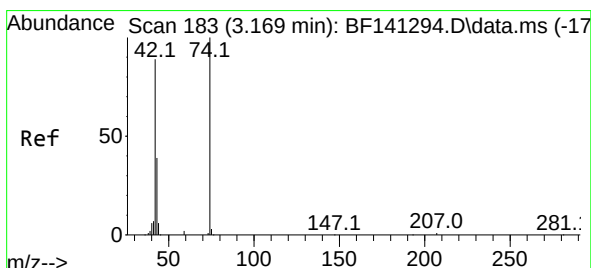
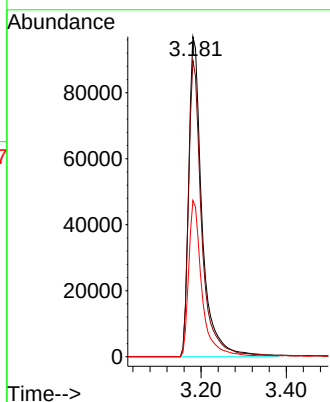
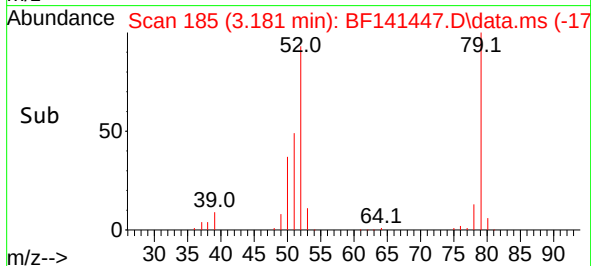
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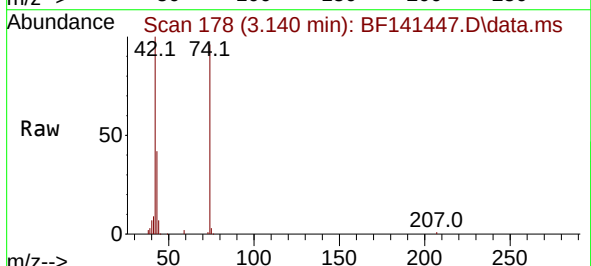
Tgt Ion: 79 Resp: 212209
Ion Ratio Lower Upper
79 100
52 92.6 70.3 105.5
51 48.8 34.3 51.5

Manual Integrations
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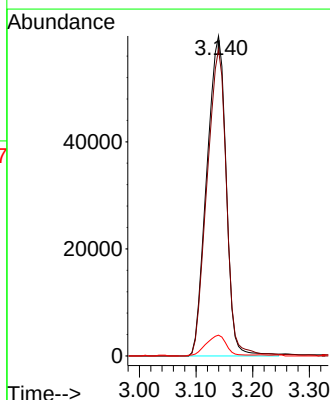
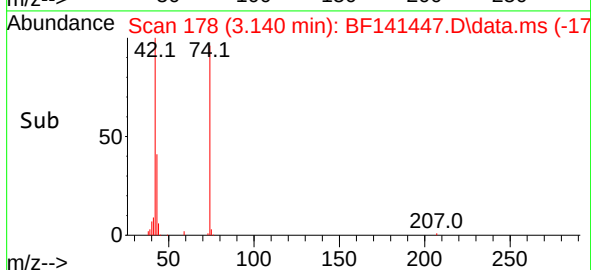
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

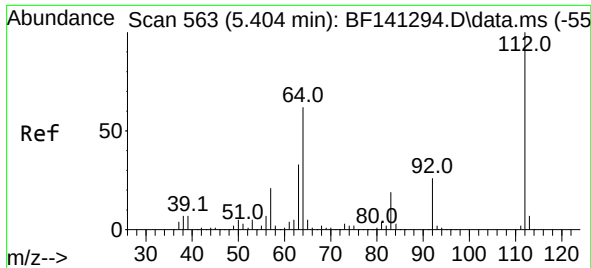


#4
n-Nitrosodimethylamine
Concen: 43.755 ng m
RT: 3.140 min Scan# 178
Delta R.T. -0.059 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16



Tgt Ion: 42 Resp: 142194
Ion Ratio Lower Upper
42 100
74 95.8 90.3 135.5
44 6.5 5.7 8.5





#5
2-Fluorophenol
Concen: 80.382 ng
RT: 5.404 min Scan# 501
Delta R.T. -0.006 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

Instrument :

BNA_F

ClientSampleId :

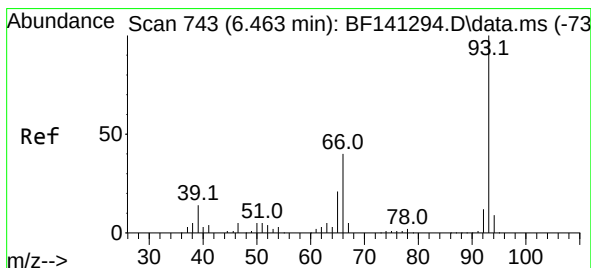
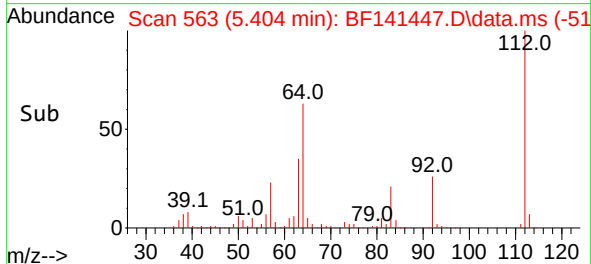
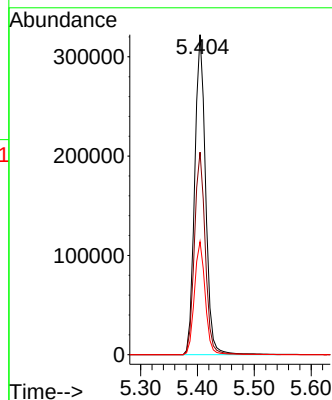
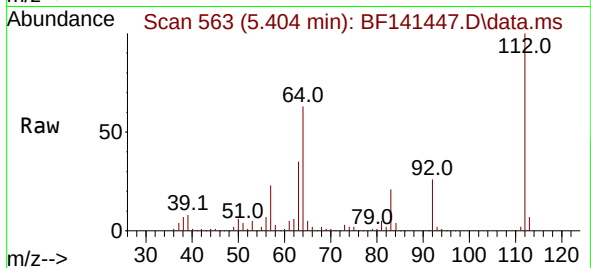
SSTDCCC040

Tgt Ion:112 Resp: 43153
Ion Ratio Lower Upper
112 100
64 63.3 49.8 74.8
63 35.3 26.1 39.1

Manual Integrations

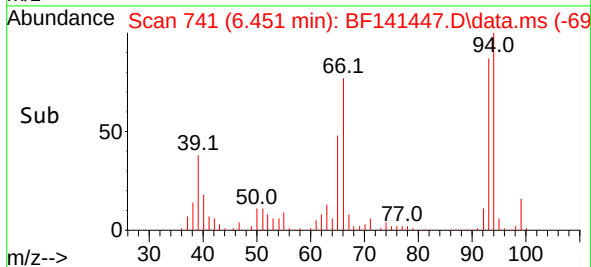
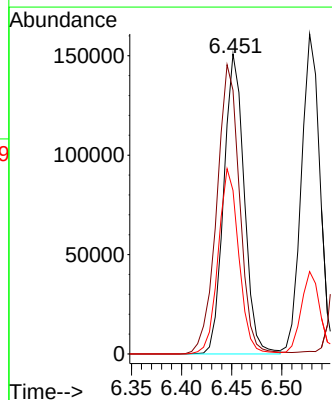
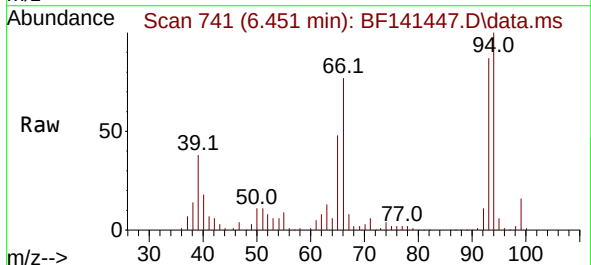
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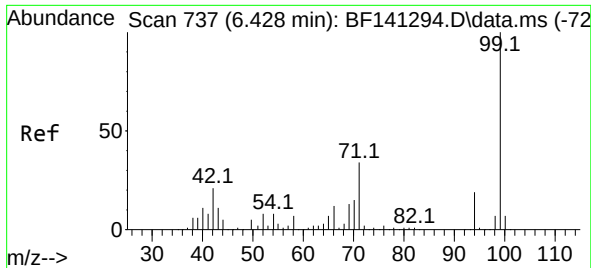
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#6
Aniline
Concen: 36.942 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.018 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

Tgt Ion: 93 Resp: 213567
Ion Ratio Lower Upper
93 100
66 87.9 32.5 48.7#
65 54.5 17.0 25.6#





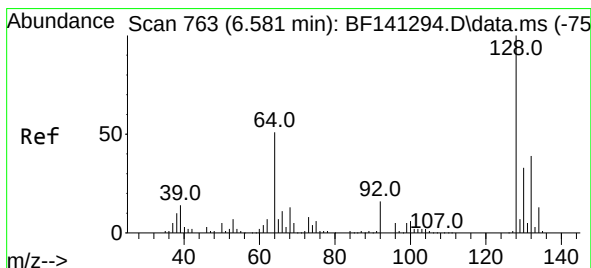
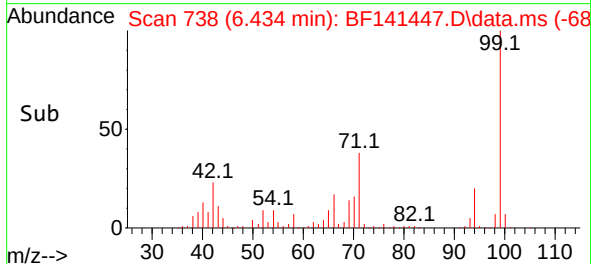
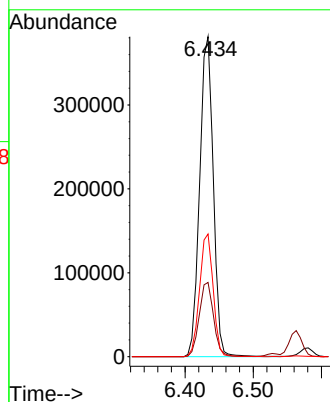
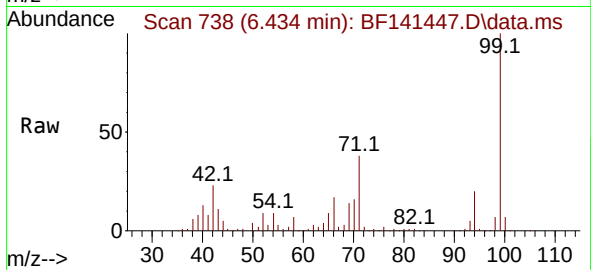
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Phenol-d6
Concen: 77.175 ng
RT: 6.434 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 52706
Ion Ratio Lower Upper
99 100
42 23.2 17.1 25.7
71 38.3 26.9 40.3

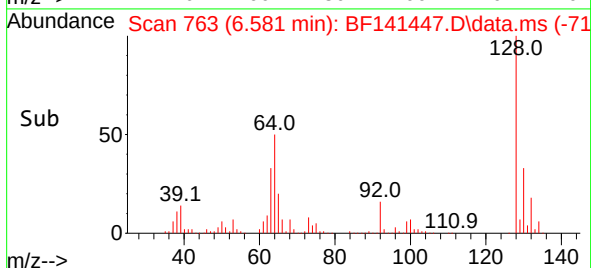
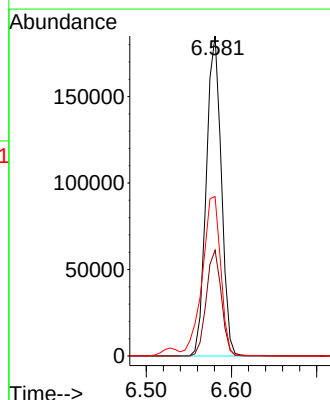
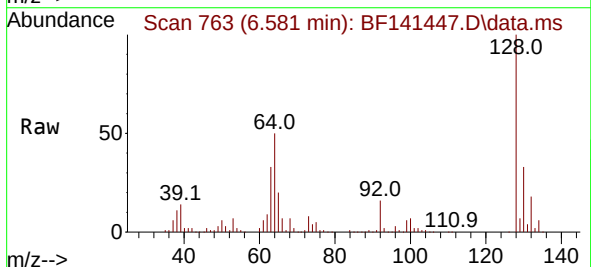
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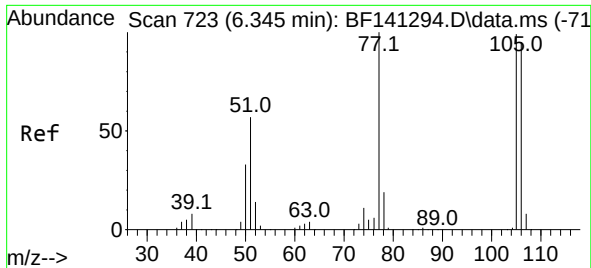
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#8
2-Chlorophenol
Concen: 39.384 ng
RT: 6.581 min Scan# 763
Delta R.T. -0.012 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

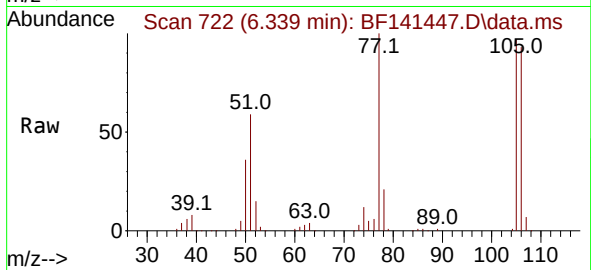
Tgt Ion:128 Resp: 226620
Ion Ratio Lower Upper
128 100
130 33.1 12.5 52.5
64 49.8 32.9 72.9





#9
Benzaldehyde
Concen: 44.359 ng
RT: 6.339 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

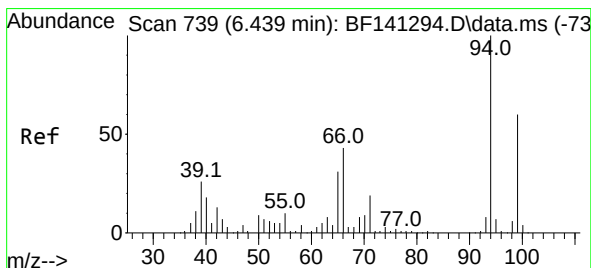
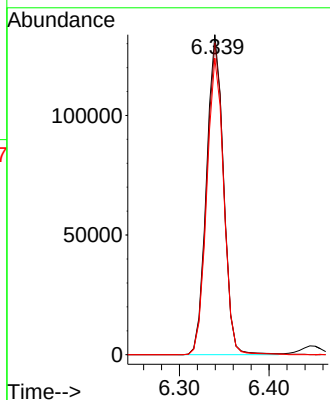
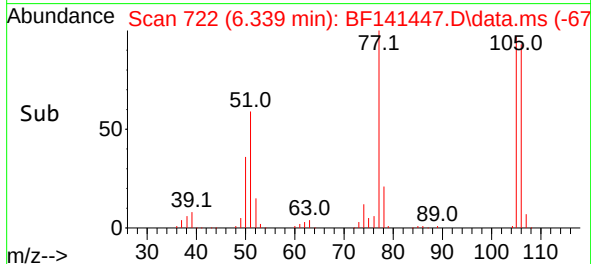
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 77 Resp: 175486
Ion Ratio Lower Upper
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105 97.5 79.4 119.4
106 92.7 74.6 114.6

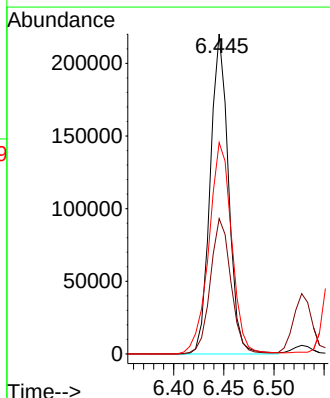
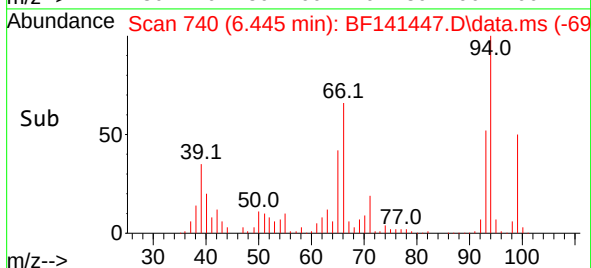
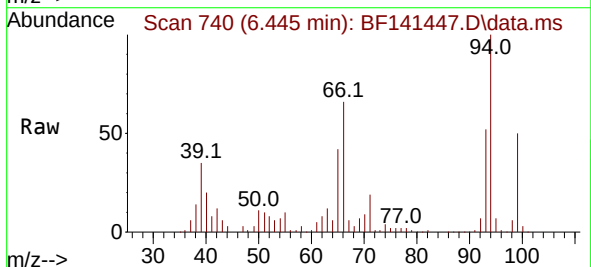
Manual Integrations
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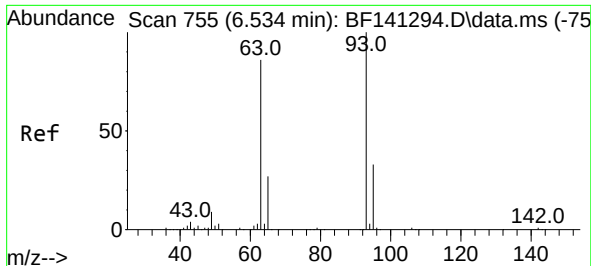
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#10
Phenol
Concen: 38.522 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

Tgt Ion: 94 Resp: 278886
Ion Ratio Lower Upper
94 100
65 42.3 10.8 50.8
66 66.1 23.3 63.3#





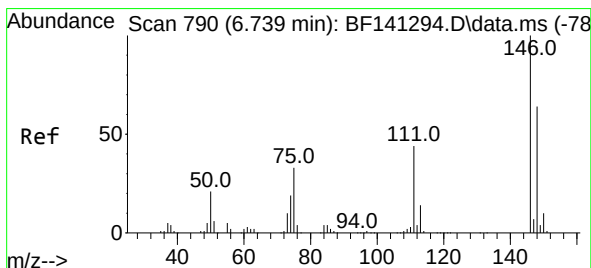
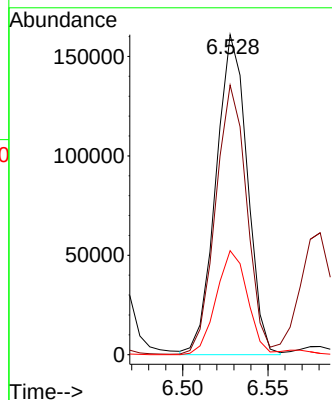
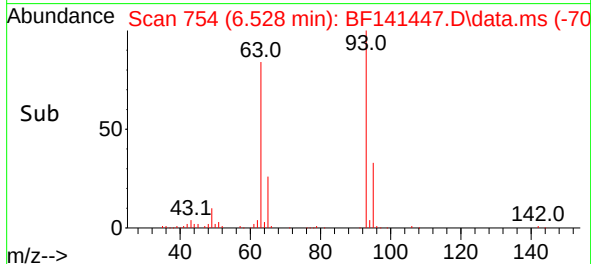
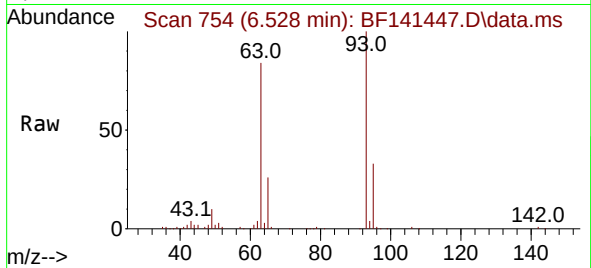
#11
bis(2-Chloroethyl)ether
Concen: 37.123 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.018 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 206064
Ion Ratio Lower Upper
93 100
63 84.3 65.0 105.0
95 32.5 12.4 52.4

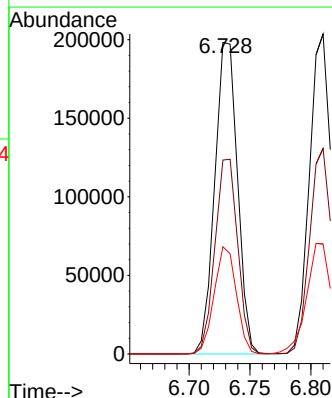
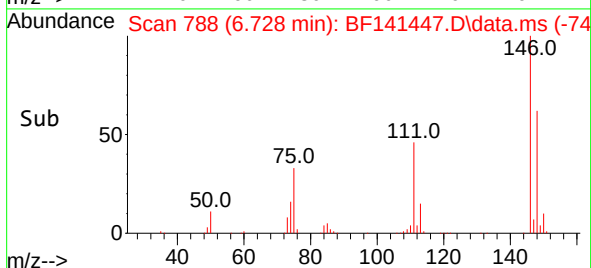
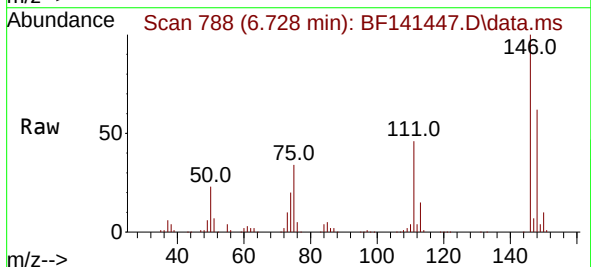
Manual Integrations
APPROVED

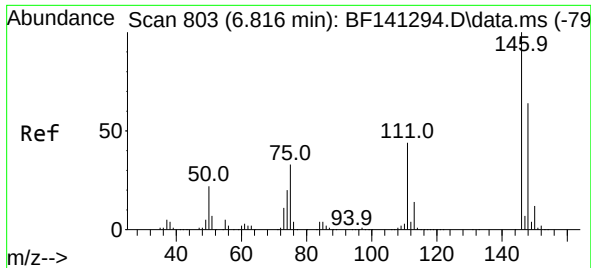
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#12
1,3-Dichlorobenzene
Concen: 40.714 ng
RT: 6.728 min Scan# 788
Delta R.T. -0.018 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

Tgt Ion:146 Resp: 258314
Ion Ratio Lower Upper
146 100
148 62.3 51.2 76.8
75 34.4 26.2 39.4





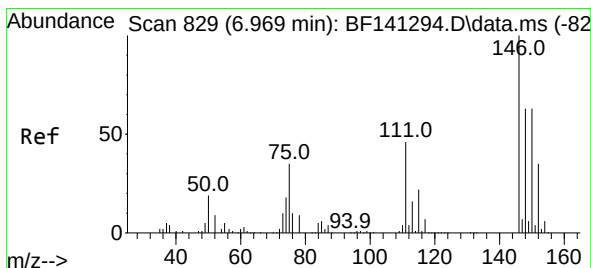
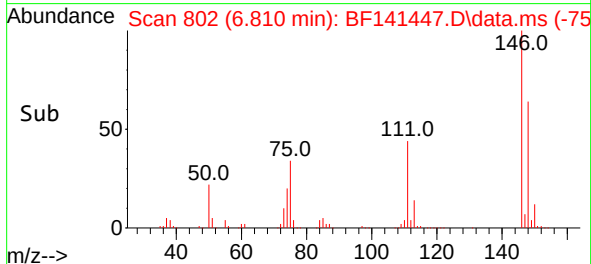
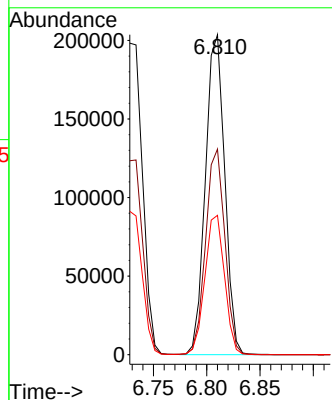
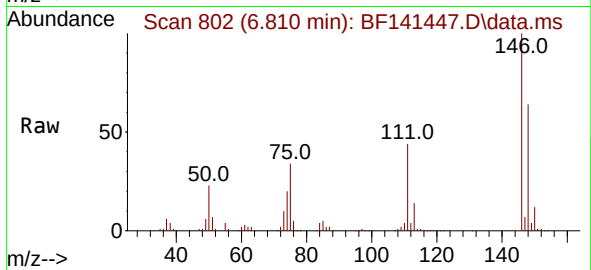
#13
1,4-Dichlorobenzene
Concen: 40.346 ng
RT: 6.810 min Scan# 803
Delta R.T. -0.012 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 257154
Ion Ratio Lower Upper
146 100
148 64.3 51.2 76.8
111 43.6 35.0 52.4

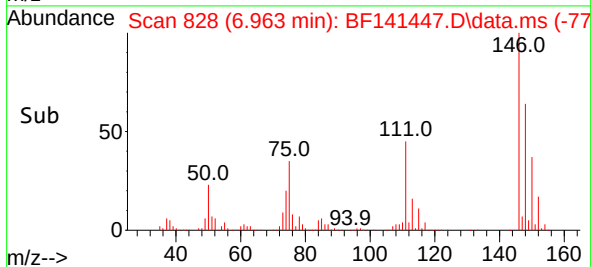
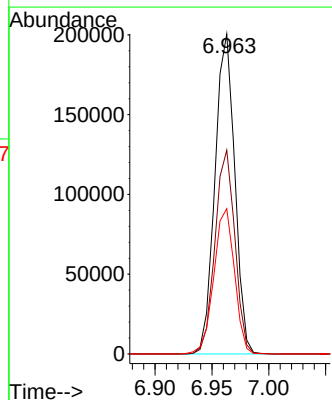
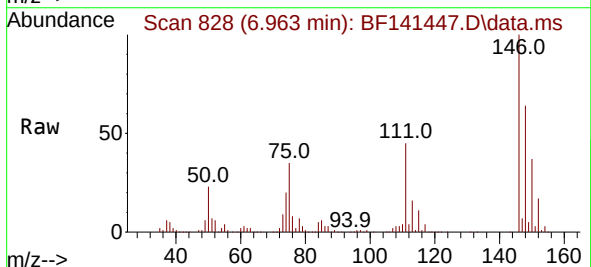
Manual Integrations
APPROVED

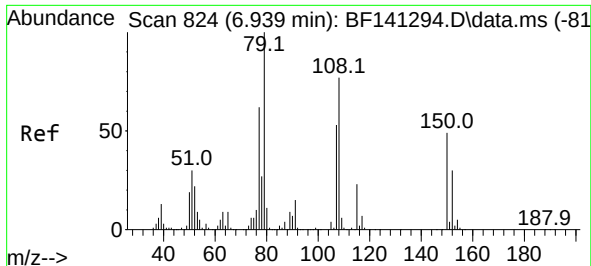
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#14
1,2-Dichlorobenzene
Concen: 40.781 ng
RT: 6.963 min Scan# 828
Delta R.T. -0.012 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

Tgt Ion:146 Resp: 243391
Ion Ratio Lower Upper
146 100
148 63.7 50.5 75.7
111 45.4 36.6 55.0





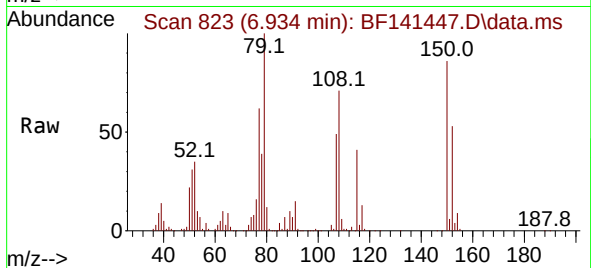
#15
Benzyl Alcohol
Concen: 42.111 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

Instrument :

BNA_F

ClientSampleId :

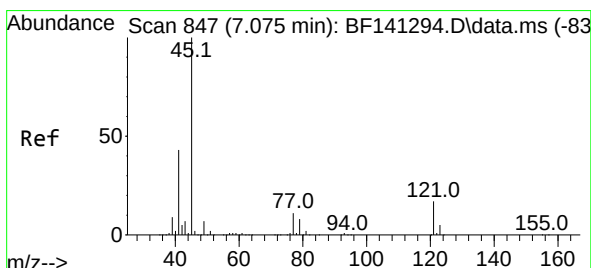
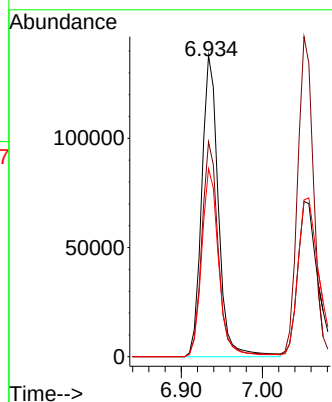
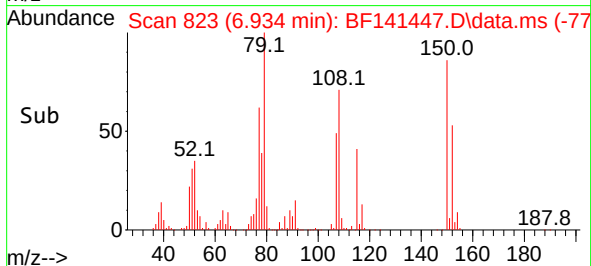
SSTDCCC040



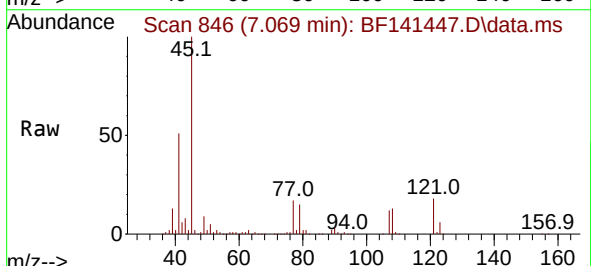
Tgt Ion: 79 Resp: 19654
Ion Ratio Lower Upper
79 100
108 71.3 61.4 92.0
77 62.4 49.9 74.9

Manual Integrations
APPROVED

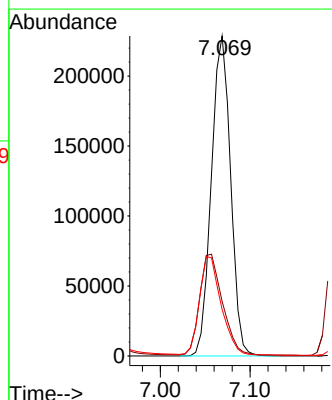
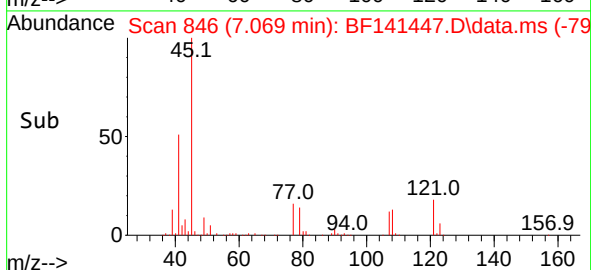
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

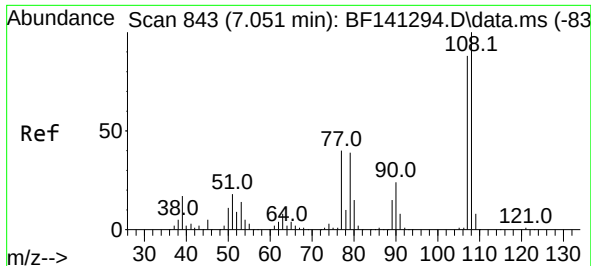


#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.215 ng
RT: 7.069 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16



Tgt Ion: 45 Resp: 339918
Ion Ratio Lower Upper
45 100
77 17.1 0.0 31.8
79 14.5 0.0 29.1





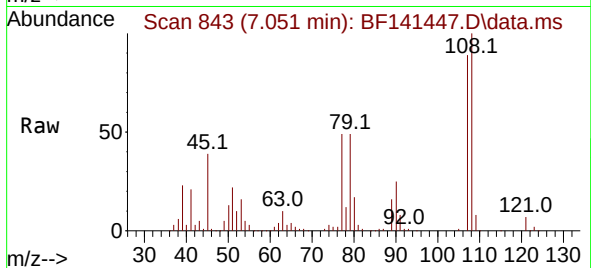
#17
2-Methylphenol
Concen: 37.700 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



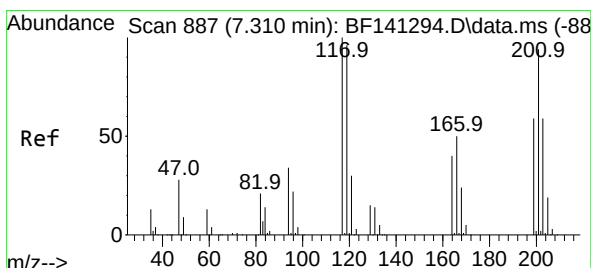
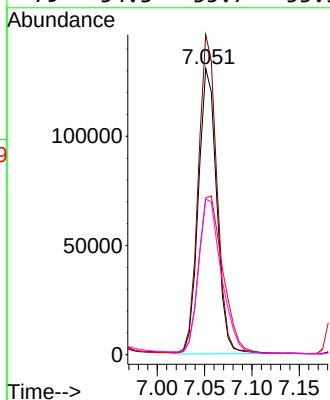
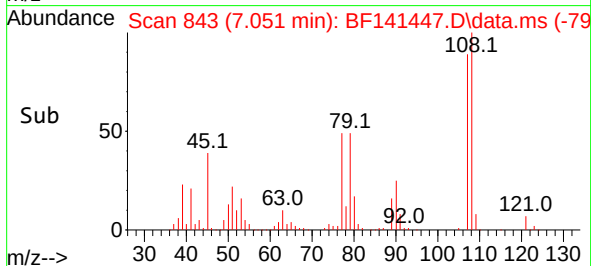
Tgt Ion:107 Resp: 176300
Ion Ratio Lower Upper
107 100
108 111.9 90.8 136.2
77 54.8 36.2 54.4
79 54.3 35.7 53.5#

Manual Integrations

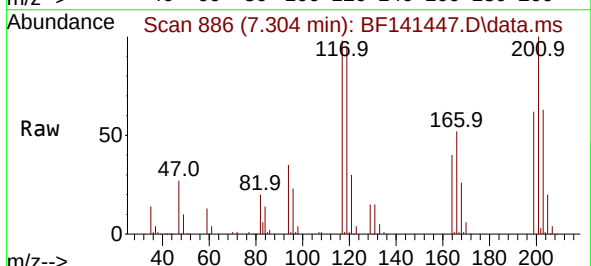
APPROVED

Reviewed By :Yogesh Patel 02/06/2025

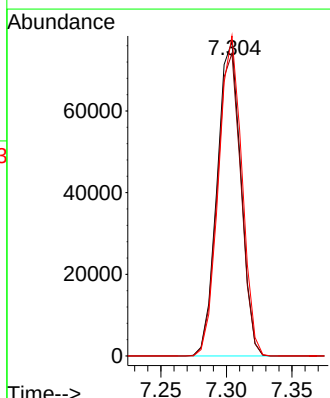
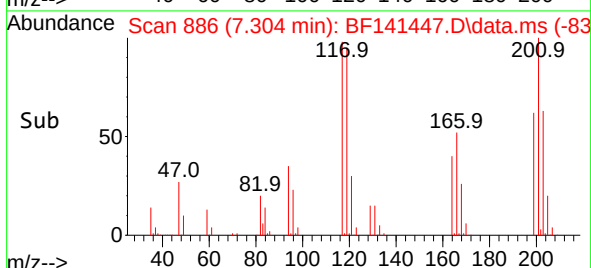
Supervised By :mohammad ahmed 02/06/2025

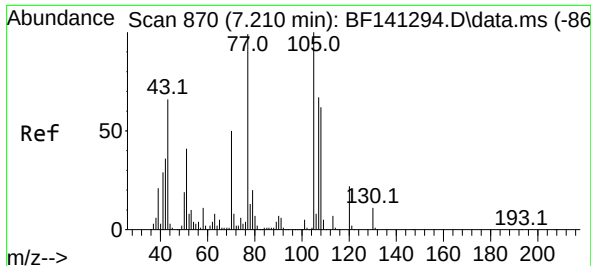


#18
Hexachloroethane
Concen: 41.142 ng
RT: 7.304 min Scan# 886
Delta R.T. -0.012 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16



Tgt Ion:117 Resp: 96738
Ion Ratio Lower Upper
117 100
119 96.3 76.6 114.8
201 101.8 74.8 112.2





#19

n-Nitroso-di-n-propylamine

Concen: 38.029 ng

RT: 7.204 min Scan# 869

Delta R.T. -0.024 min

Lab File: BF141447.D

Acq: 05 Feb 2025 15:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 15432

Ion Ratio Lower Upper

70 100

42 71.9 56.8 85.2

101 9.5 7.7 11.5

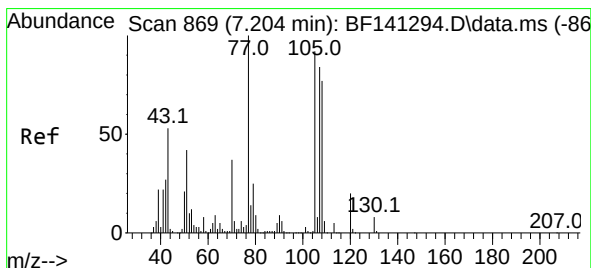
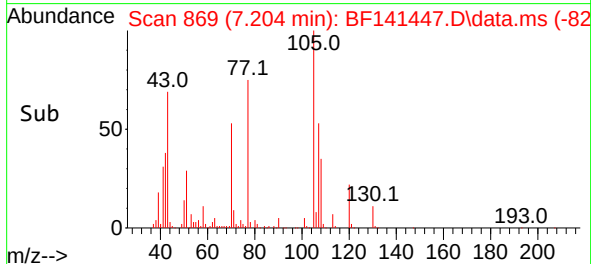
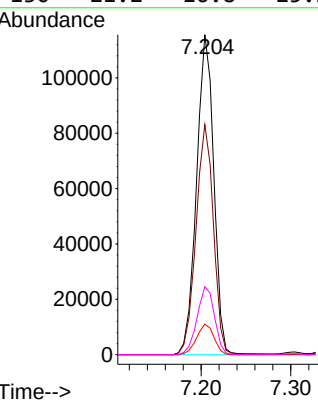
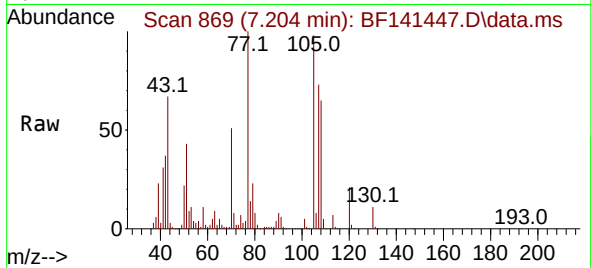
130 21.2 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#20

3+4-Methylphenols

Concen: 39.993 ng

RT: 7.204 min Scan# 869

Delta R.T. -0.012 min

Lab File: BF141447.D

Acq: 05 Feb 2025 15:16

Tgt Ion:107 Resp: 229646

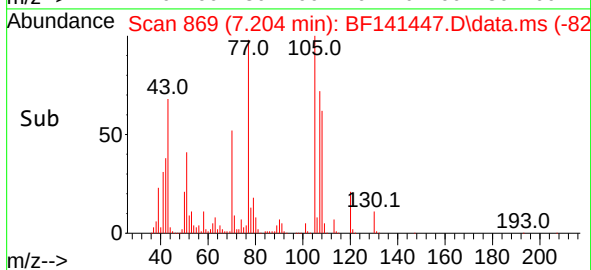
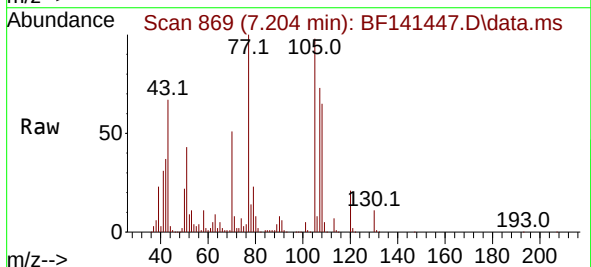
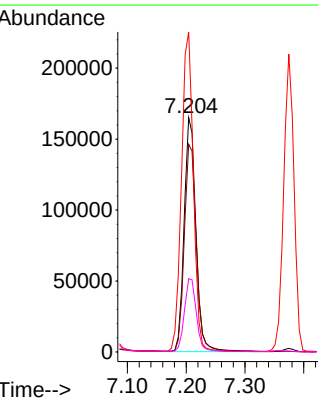
Ion Ratio Lower Upper

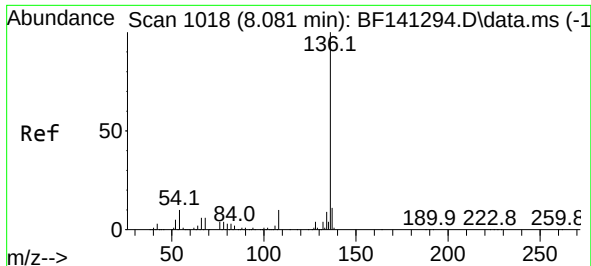
107 100

108 88.7 70.9 110.9

77 136.6 98.5 138.5

79 31.3 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: BF141447.D

Acq: 05 Feb 2025 15:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 31252

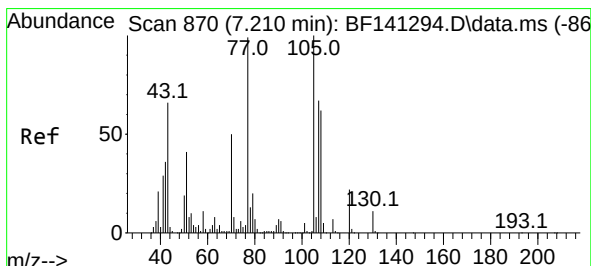
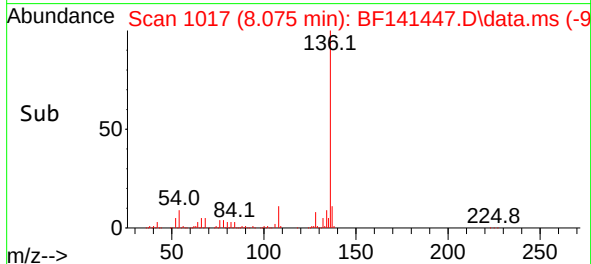
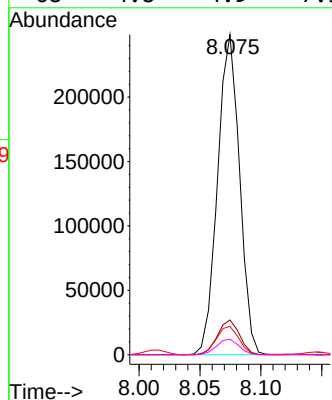
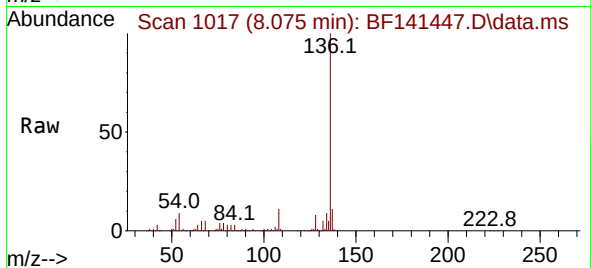
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	8.9	7.8	11.8
68	4.8	4.9	7.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#22

Acetophenone

Concen: 41.690 ng

RT: 7.204 min Scan# 869

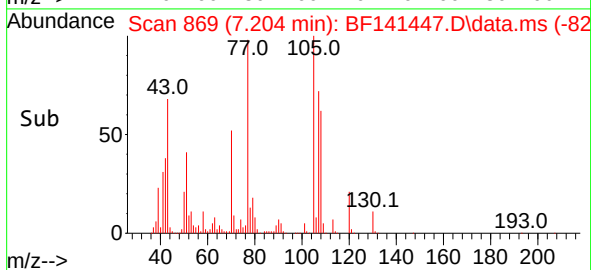
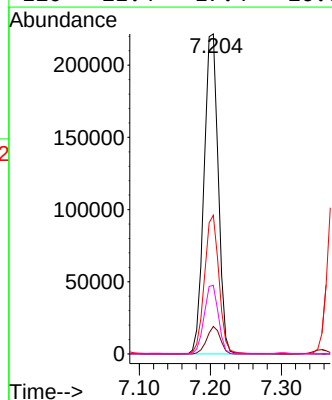
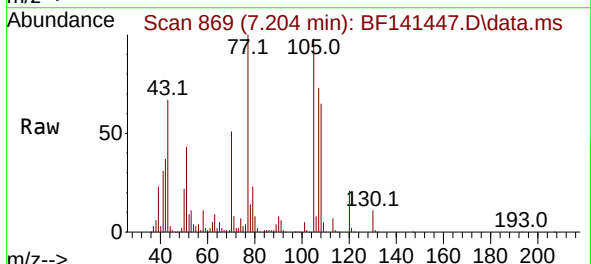
Delta R.T. -0.012 min

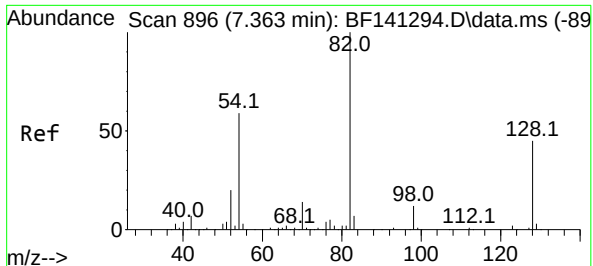
Lab File: BF141447.D

Acq: 05 Feb 2025 15:16

Tgt Ion:105 Resp: 309705

Ion	Ratio	Lower	Upper
105	100		
71	8.6	6.8	10.2
51	43.4	32.6	49.0
120	21.4	17.4	26.0





#23

Nitrobenzene-d5

Concen: 84.661 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF141447.D

Acq: 05 Feb 2025 15:16

Instrument :

BNA_F

ClientSampleId :

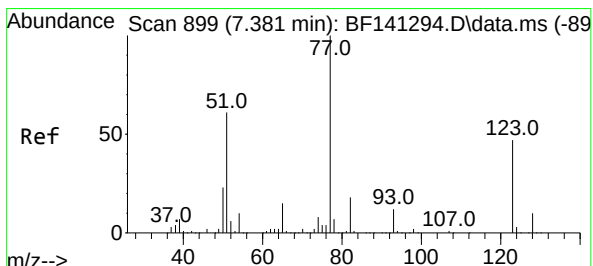
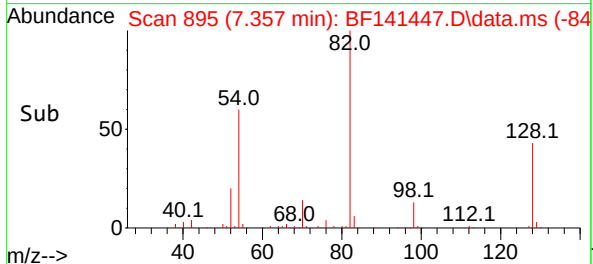
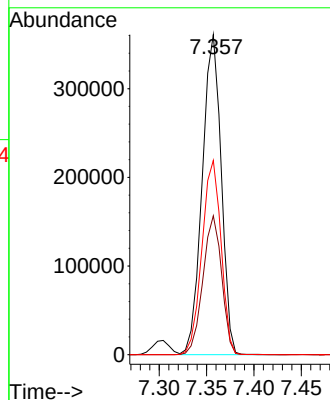
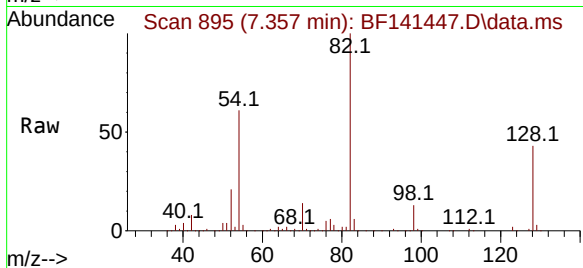
SSTDCCC040

Tgt Ion: 82 Resp: 501910
 Ion Ratio Lower Upper
 82 100
 128 43.4 35.7 53.5
 54 60.7 47.1 70.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025
 Supervised By :mohammad ahmed 02/06/2025



#24

Nitrobenzene

Concen: 41.742 ng

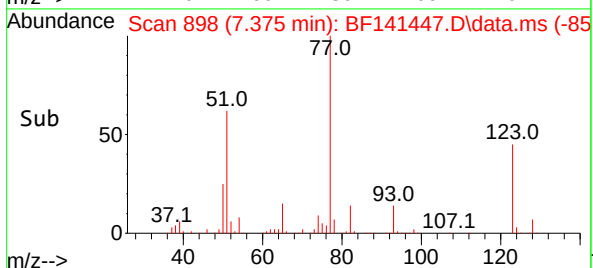
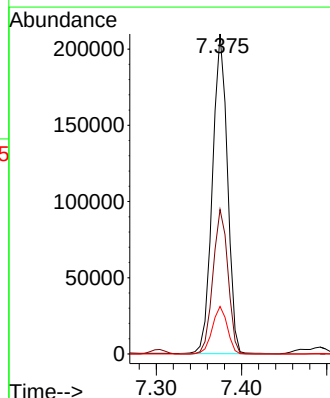
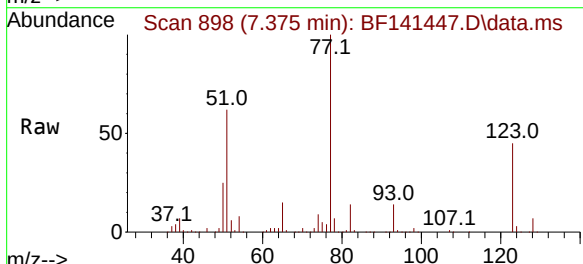
RT: 7.375 min Scan# 898

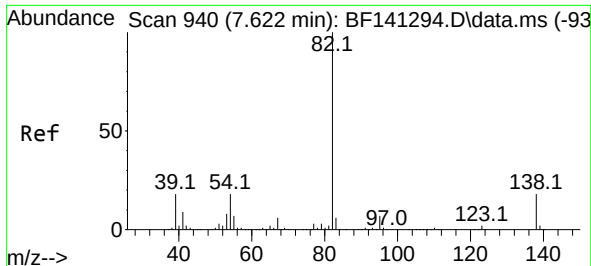
Delta R.T. -0.018 min

Lab File: BF141447.D

Acq: 05 Feb 2025 15:16

Tgt Ion: 77 Resp: 256448
 Ion Ratio Lower Upper
 77 100
 123 45.1 37.3 55.9
 65 14.8 11.8 17.6





#25
Isophorone
Concen: 38.977 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

Instrument :

BNA_F

ClientSampleId :

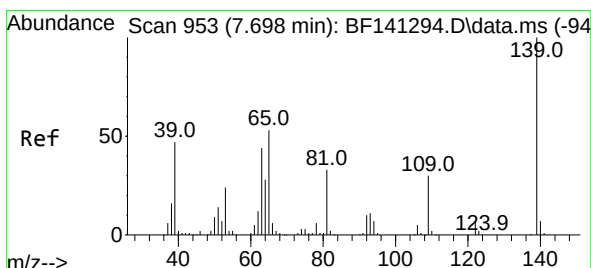
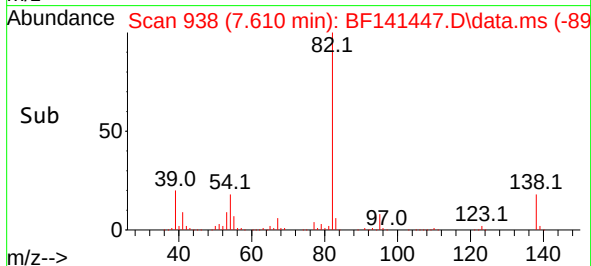
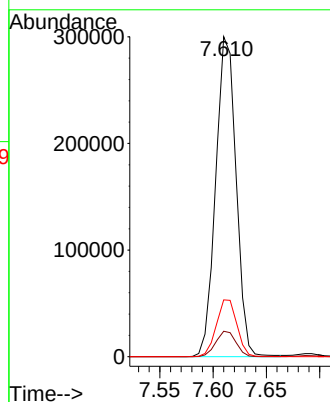
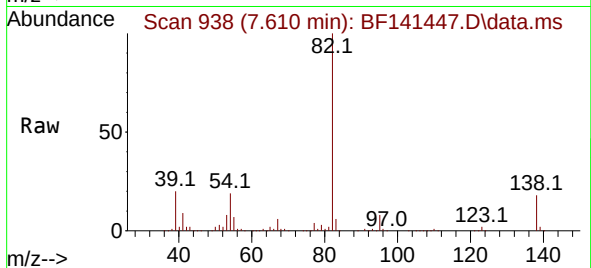
SSTDCCC040

Tgt Ion: 82 Resp: 39943
Ion Ratio Lower Upper
82 100
95 8.0 5.8 8.6
138 17.7 14.7 22.1

Manual Integrations

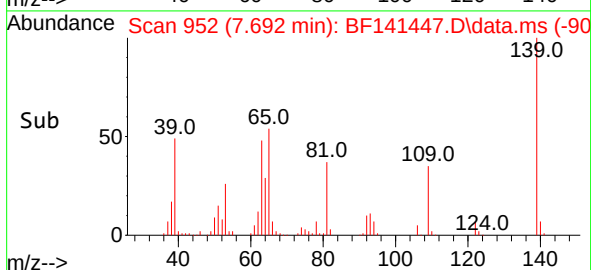
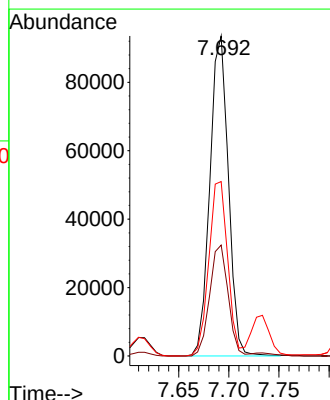
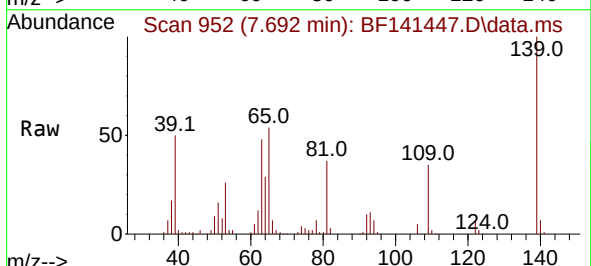
APPROVED

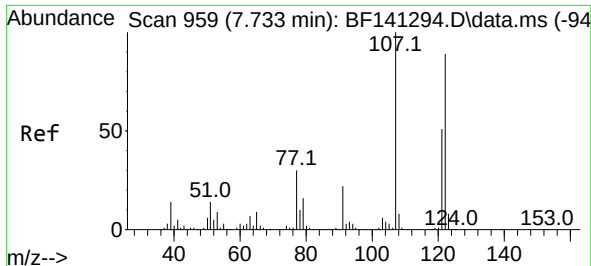
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#26
2-Nitrophenol
Concen: 41.507 ng
RT: 7.692 min Scan# 952
Delta R.T. -0.012 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

Tgt Ion:139 Resp: 120266
Ion Ratio Lower Upper
139 100
109 34.7 23.8 35.6
65 54.5 42.2 63.4





#27

2,4-Dimethylphenol

Concen: 38.815 ng m

RT: 7.734 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF141447.D

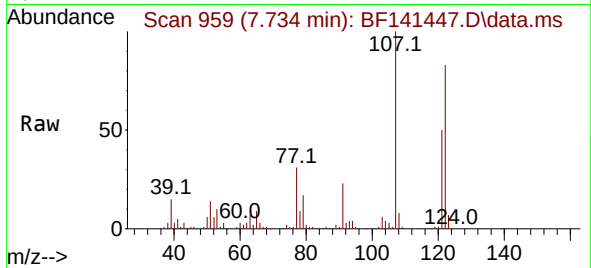
Acq: 05 Feb 2025 15:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



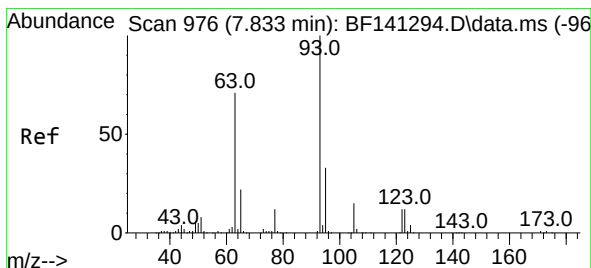
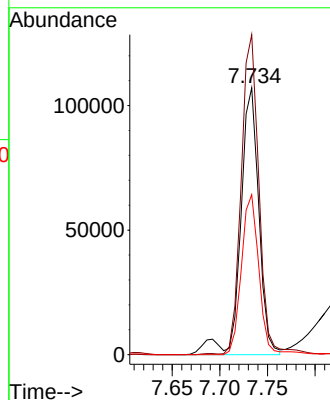
Tgt Ion:	122	Resp:	143150
Ion	Ratio	Lower	Upper
122	100		
107	119.9	89.9	134.9
121	60.0	46.1	69.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#28

bis(2-Chloroethoxy)methane

Concen: 37.637 ng

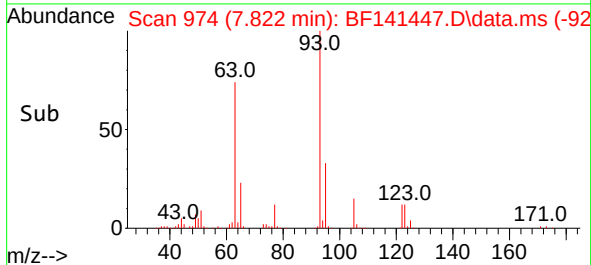
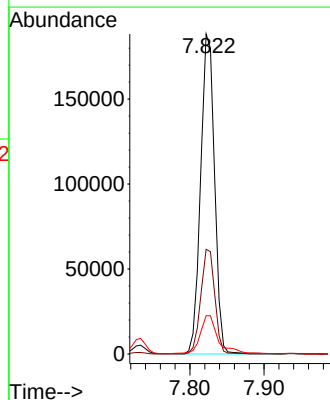
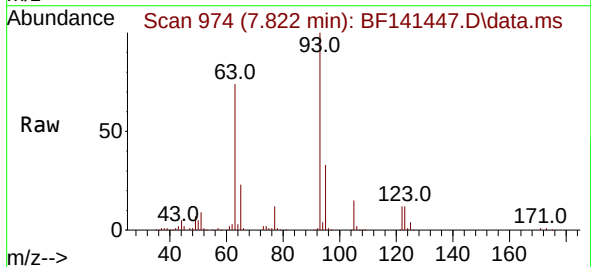
RT: 7.822 min Scan# 974

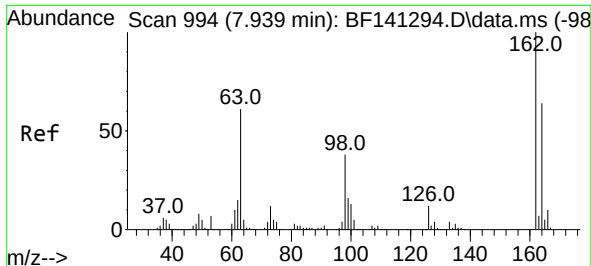
Delta R.T. -0.018 min

Lab File: BF141447.D

Acq: 05 Feb 2025 15:16

Tgt Ion:	93	Resp:	246023
Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.2	39.2
123	12.0	10.2	15.4





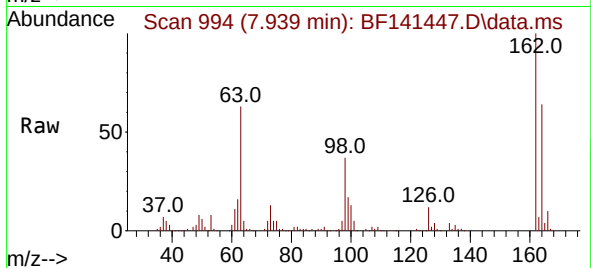
#29
2,4-Dichlorophenol
Concen: 41.356 ng
RT: 7.939 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



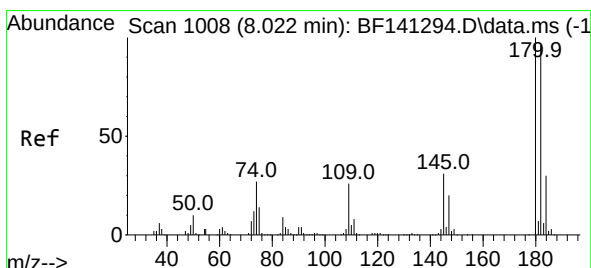
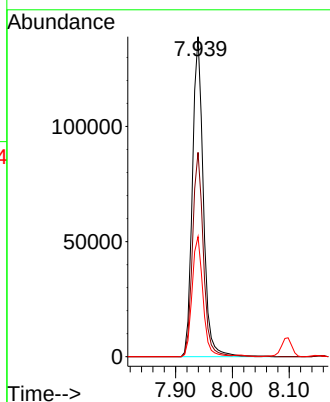
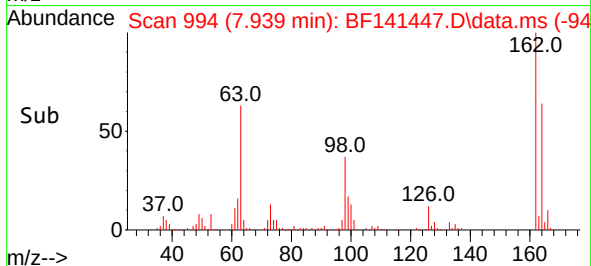
Tgt Ion:162 Resp: 186722
Ion Ratio Lower Upper
162 100
164 63.9 44.2 84.2
98 37.5 18.2 58.2

Manual Integrations

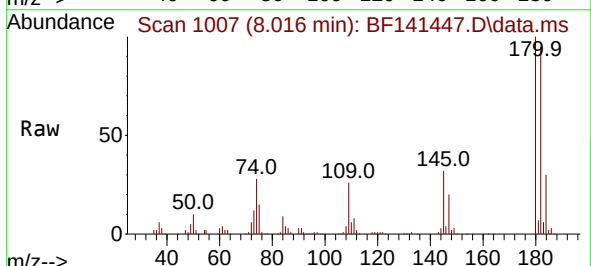
APPROVED

Reviewed By :Yogesh Patel 02/06/2025

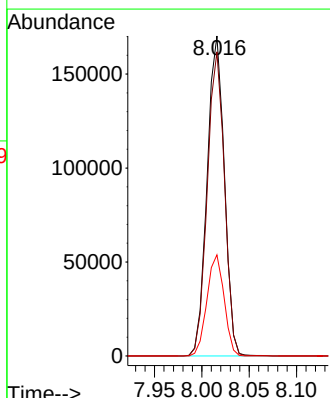
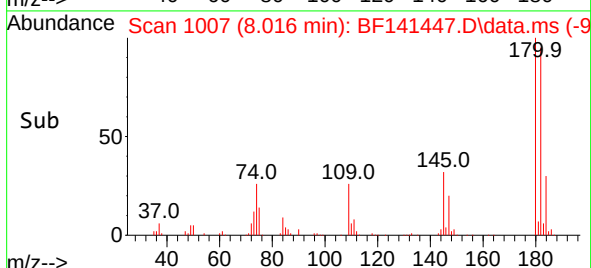
Supervised By :mohammad ahmed 02/06/2025

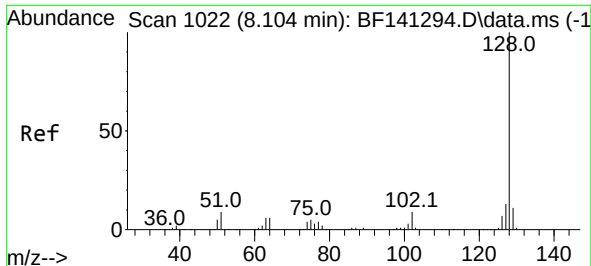


#30
1,2,4-Trichlorobenzene
Concen: 41.662 ng
RT: 8.016 min Scan# 1007
Delta R.T. -0.012 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16



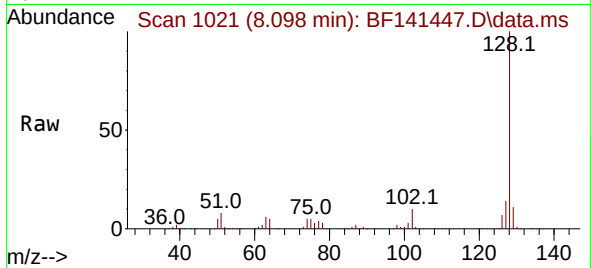
Tgt Ion:180 Resp: 214815
Ion Ratio Lower Upper
180 100
182 95.0 76.4 114.6
145 31.6 24.9 37.3





#31
Naphthalene
Concen: 40.542 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

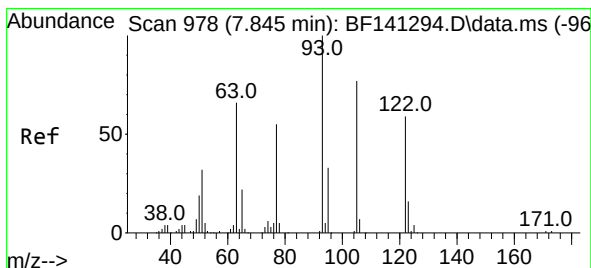
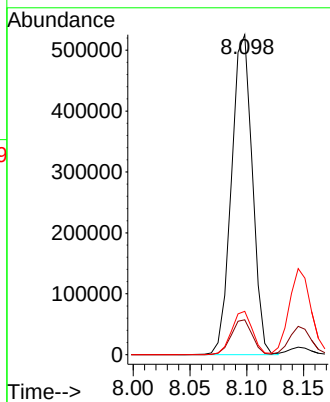
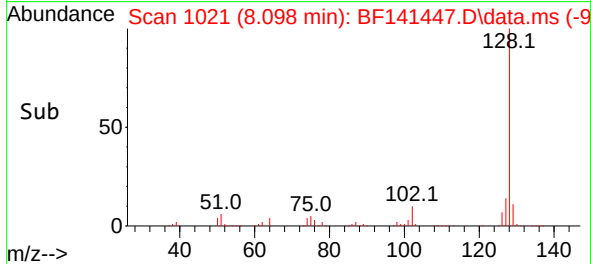
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:128 Resp: 669352
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.6 10.6 15.8

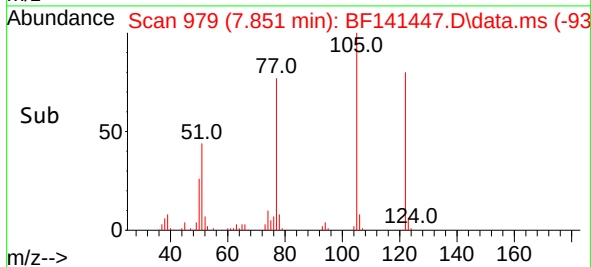
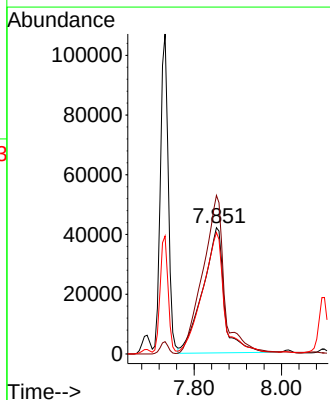
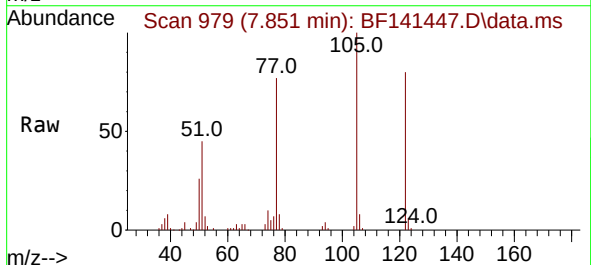
Manual Integrations
APPROVED

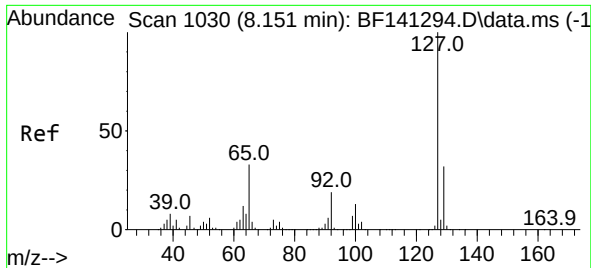
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#32
Benzoic acid
Concen: 42.178 ng
RT: 7.851 min Scan# 979
Delta R.T. -0.030 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

Tgt Ion:122 Resp: 142996
Ion Ratio Lower Upper
122 100
105 125.7 103.4 143.4
77 96.3 70.9 110.9





#33
4-Chloroaniline
Concen: 34.556 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

Instrument :

BNA_F

ClientSampleId :

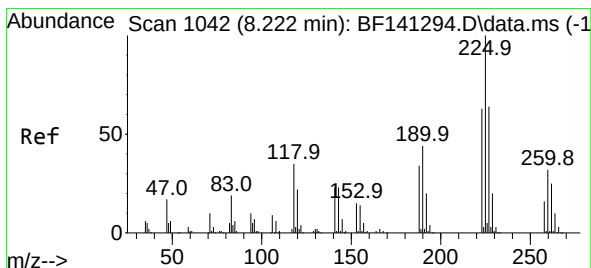
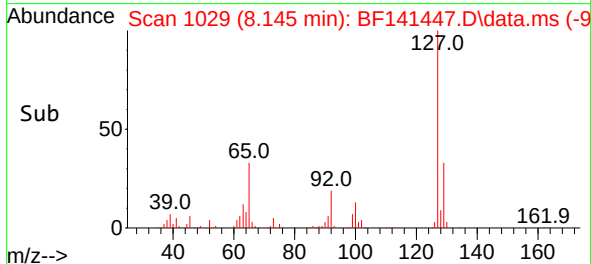
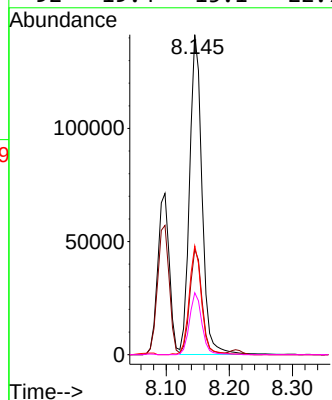
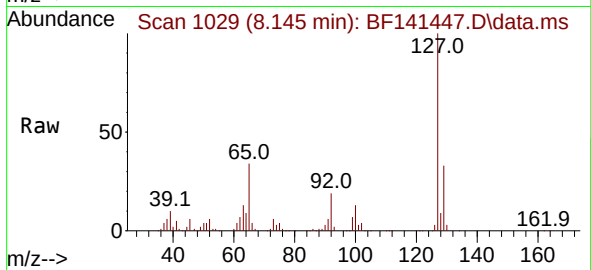
SSTDCCC040

Tgt Ion:127 Resp: 19346
Ion Ratio Lower Upper
127 100
129 33.0 25.7 38.5
65 34.0 26.4 39.6
92 19.4 15.1 22.7

Manual Integrations

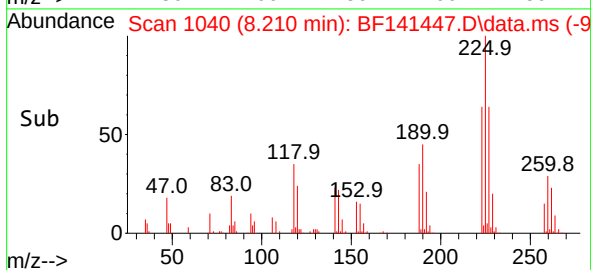
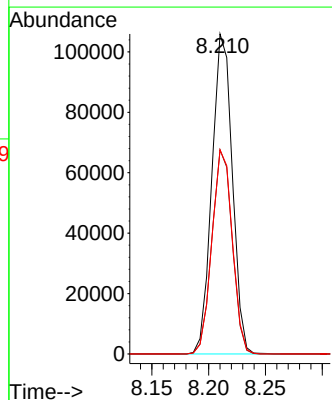
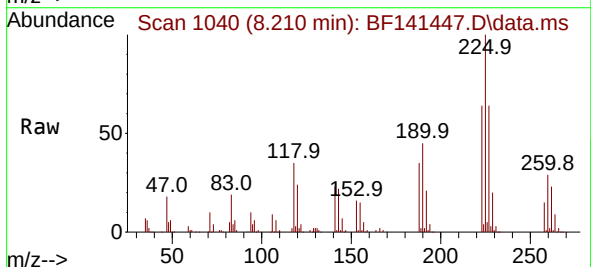
APPROVED

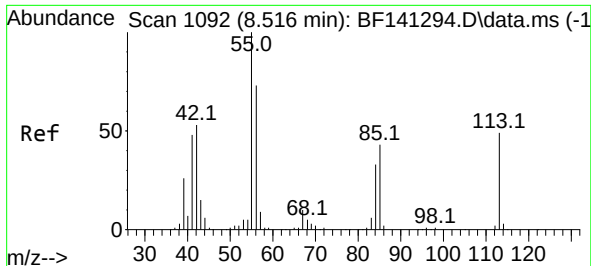
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#34
Hexachlorobutadiene
Concen: 43.752 ng
RT: 8.210 min Scan# 1040
Delta R.T. -0.012 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

Tgt Ion:225 Resp: 132295
Ion Ratio Lower Upper
225 100
223 63.8 50.4 75.6
227 63.7 51.3 76.9





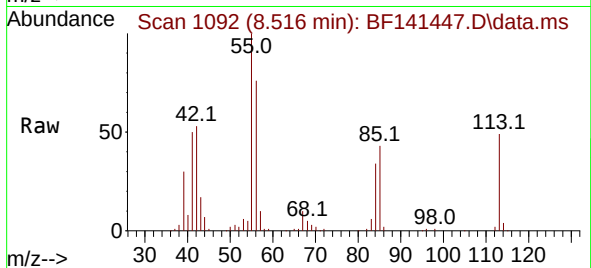
#35
 Caprolactam
 Concen: 39.508 ng
 RT: 8.516 min Scan# 1092
 Delta R.T. -0.030 min
 Lab File: BF141447.D
 Acq: 05 Feb 2025 15:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

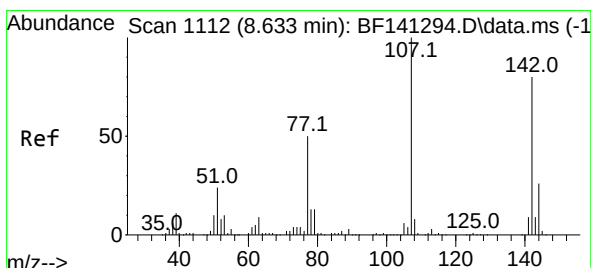
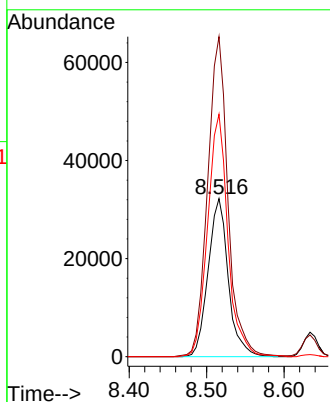
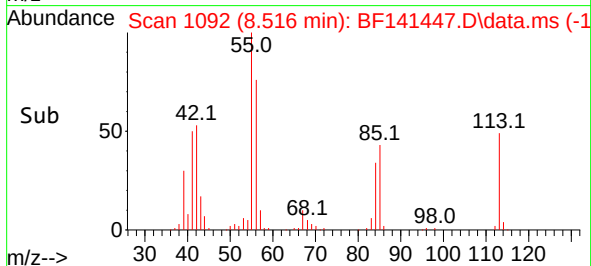


Tgt Ion:113 Resp: 5825
 Ion Ratio Lower Upper
 113 100
 55 202.4 182.9 222.9
 56 153.3 127.9 167.9

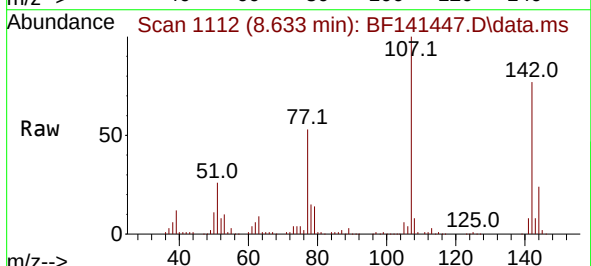
Manual Integrations

APPROVED

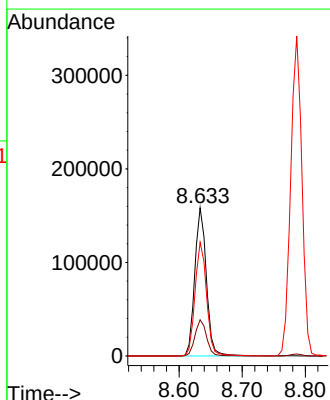
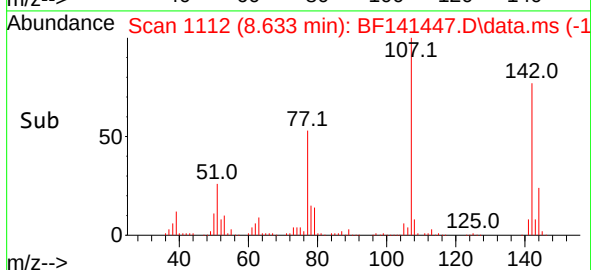
Reviewed By :Yogesh Patel 02/06/2025
 Supervised By :mohammad ahmed 02/06/2025

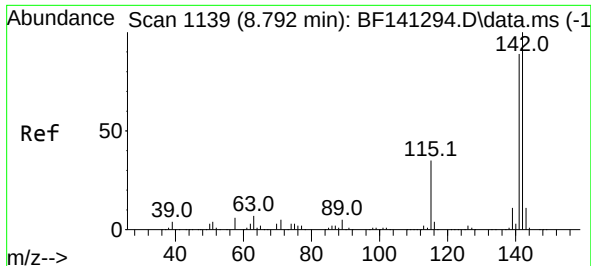


#36
 4-Chloro-3-methylphenol
 Concen: 41.835 ng
 RT: 8.633 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF141447.D
 Acq: 05 Feb 2025 15:16



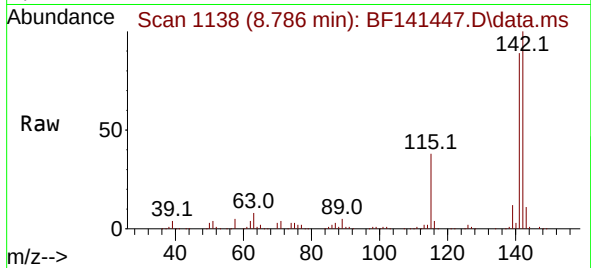
Tgt Ion:107 Resp: 202603
 Ion Ratio Lower Upper
 107 100
 144 24.4 20.7 31.1
 142 76.6 63.8 95.8





#37
2-Methylnaphthalene
Concen: 40.313 ng
RT: 8.786 min Scan# 1138
Delta R.T. -0.012 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

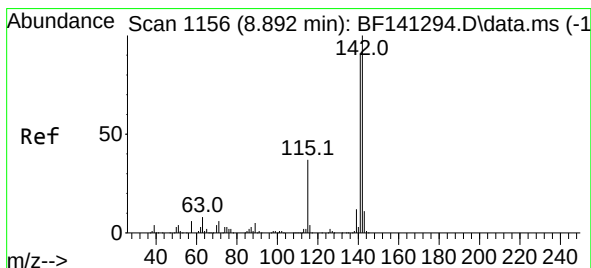
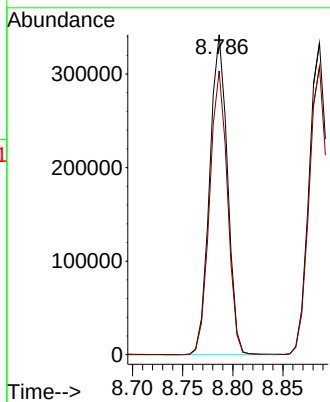
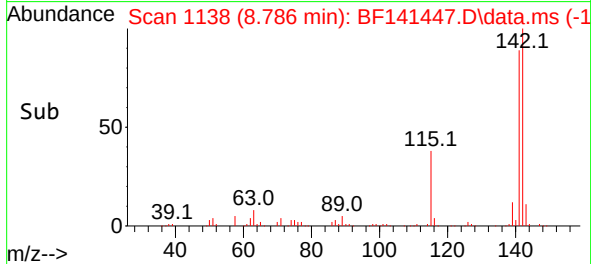
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:142 Resp: 42302
Ion Ratio Lower Upper
142 100
141 88.7 71.3 106.9

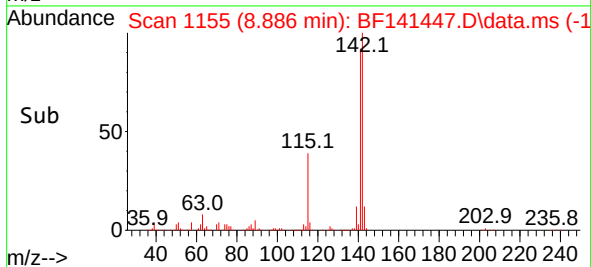
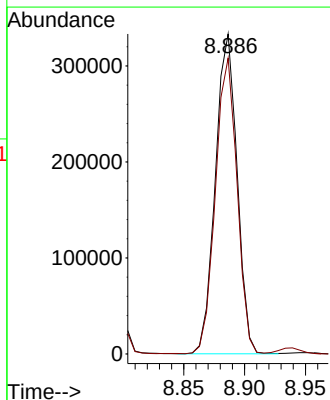
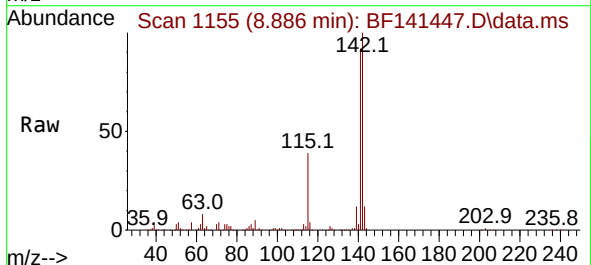
Manual Integrations
APPROVED

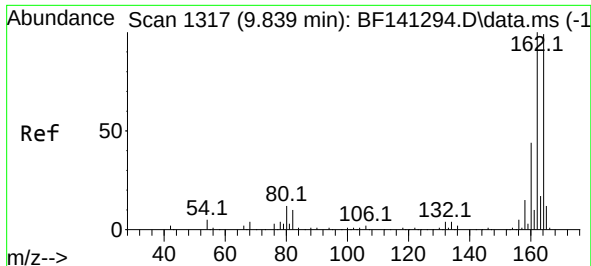
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#38
1-Methylnaphthalene
Concen: 40.101 ng
RT: 8.886 min Scan# 1155
Delta R.T. -0.012 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

Tgt Ion:142 Resp: 413353
Ion Ratio Lower Upper
142 100
141 92.5 73.2 109.8





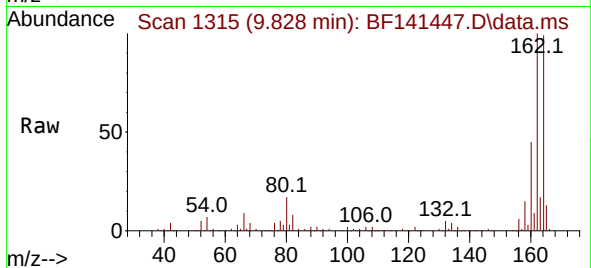
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

Instrument :

BNF_F

ClientSampleId :

SSTDCCC040



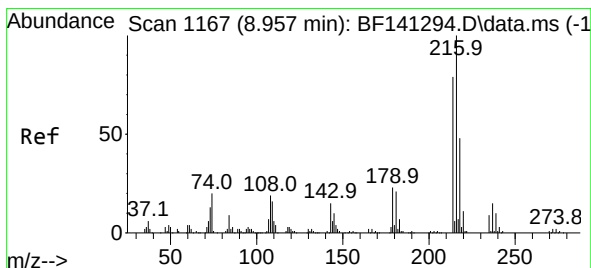
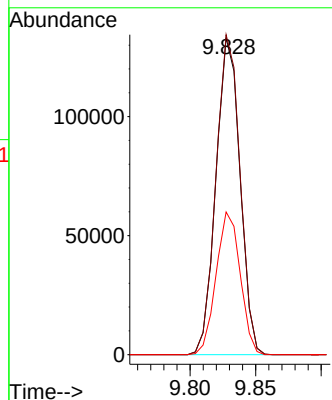
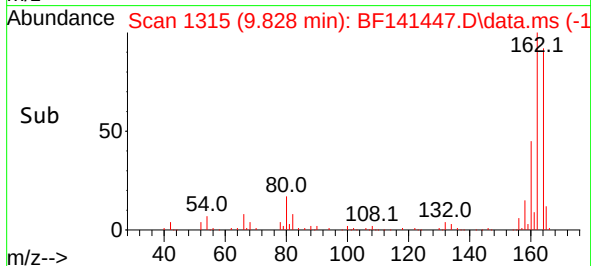
Tgt Ion:164 Resp: 169230
Ion Ratio Lower Upper
164 100
162 101.0 80.6 121.0
160 45.0 35.8 53.6

Manual Integrations

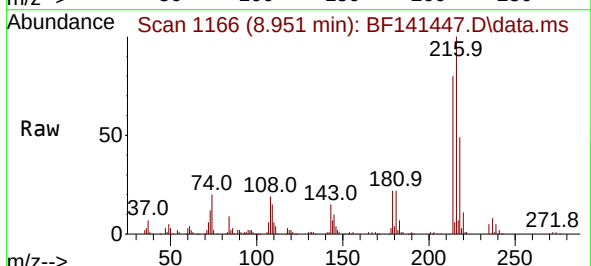
APPROVED

Reviewed By :Yogesh Patel 02/06/2025

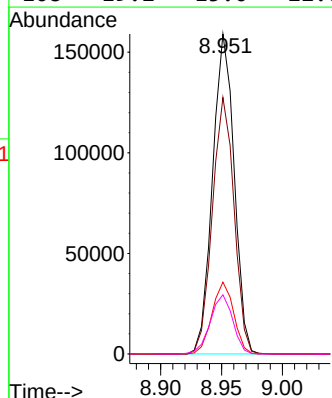
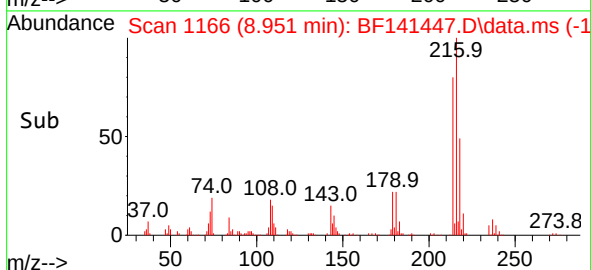
Supervised By :mohammad ahmed 02/06/2025

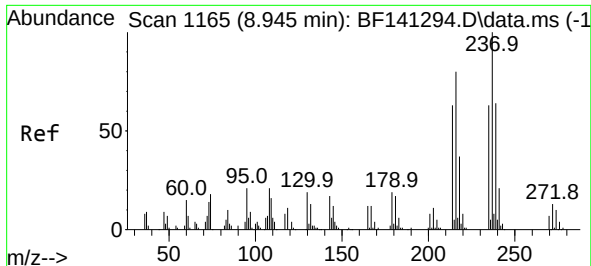


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.790 ng
RT: 8.951 min Scan# 1166
Delta R.T. -0.012 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16



Tgt Ion:216 Resp: 196378
Ion Ratio Lower Upper
216 100
214 80.4 63.2 94.8
179 22.5 17.8 26.8
108 19.2 15.0 22.6





#41
Hexachlorocyclopentadiene
Concen: 40.311 ng
RT: 8.939 min Scan# 1164
Delta R.T. -0.012 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

Instrument :

BNA_F

ClientSampleId :

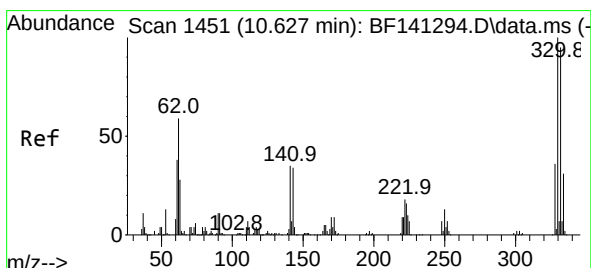
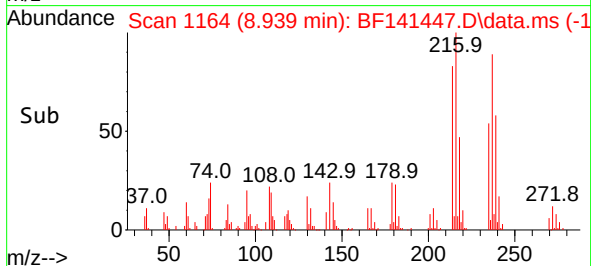
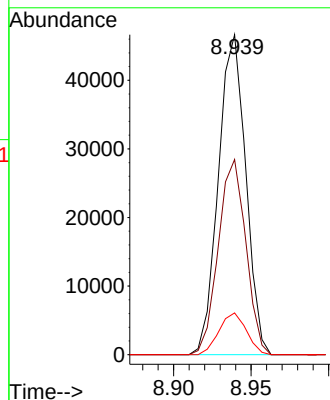
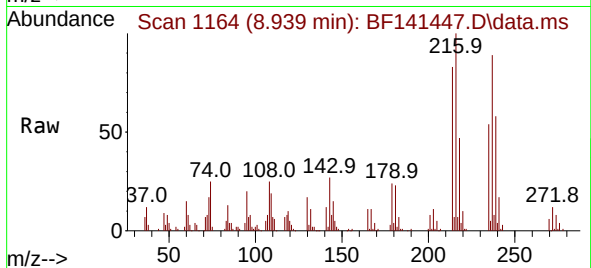
SSTDCCC040

Tgt Ion:237 Resp: 57315
Ion Ratio Lower Upper
237 100
235 61.0 42.9 82.9
272 13.0 0.0 32.8

Manual Integrations

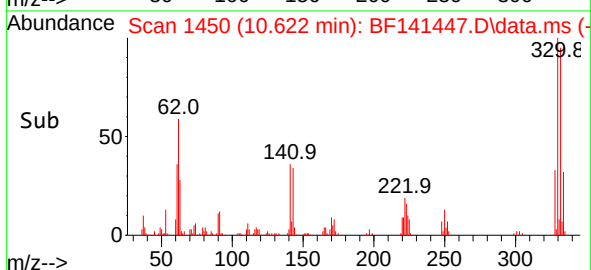
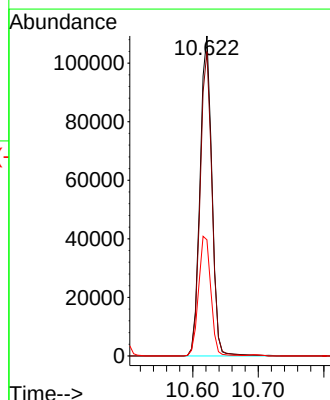
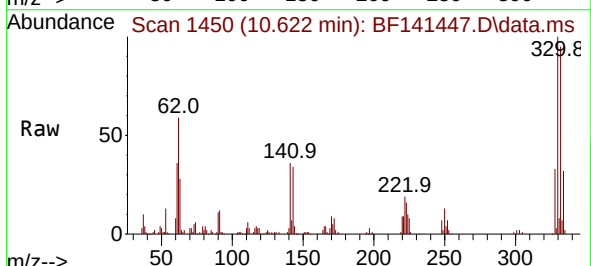
APPROVED

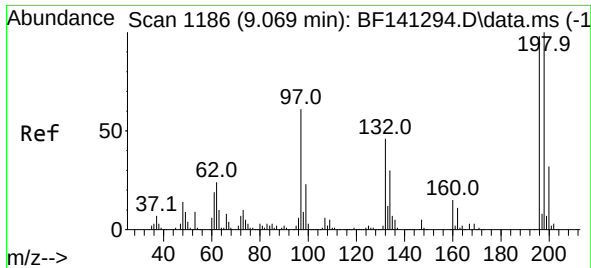
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#42
2,4,6-Tribromophenol
Concen: 88.675 ng
RT: 10.622 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

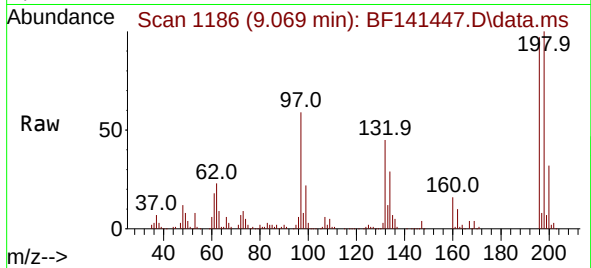
Tgt Ion:330 Resp: 137575
Ion Ratio Lower Upper
330 100
332 94.7 76.1 114.1
141 38.9 28.8 43.2





#43
2,4,6-Trichlorophenol
Concen: 41.280 ng
RT: 9.069 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

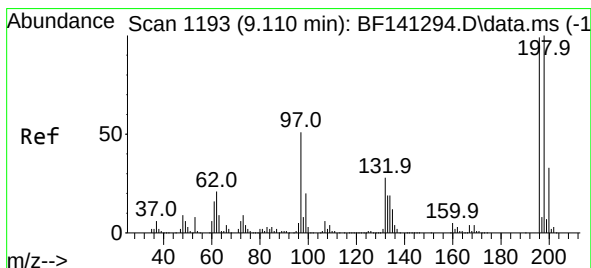
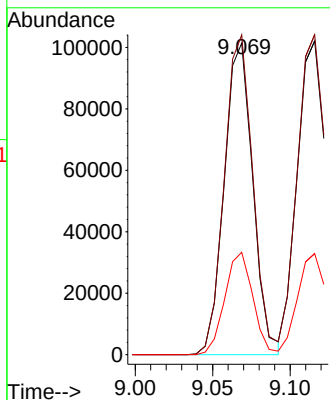
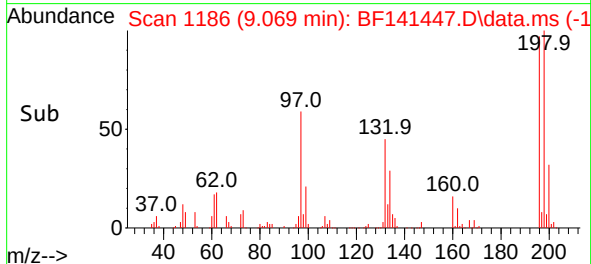
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



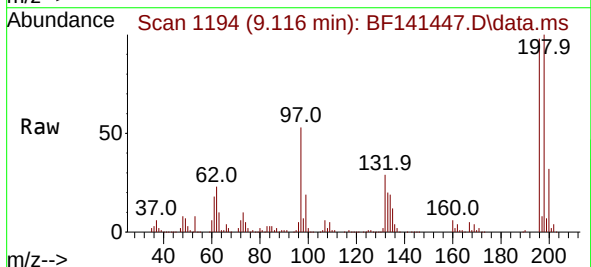
Tgt Ion:196 Resp: 13008
Ion Ratio Lower Upper
196 100
198 102.6 81.8 122.6
200 32.8 26.3 39.5

Manual Integrations
APPROVED

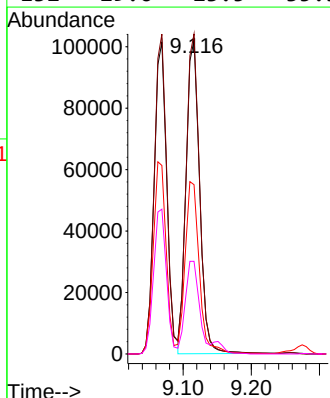
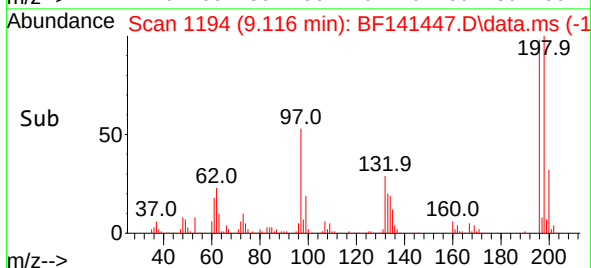
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

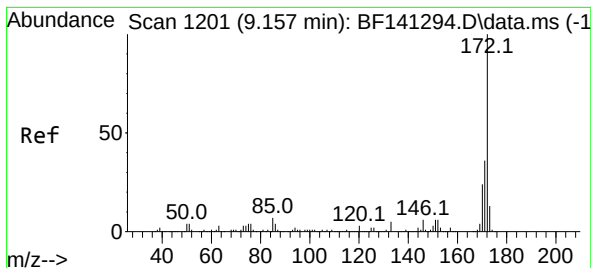


#44
2,4,5-Trichlorophenol
Concen: 40.864 ng
RT: 9.116 min Scan# 1194
Delta R.T. -0.000 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16



Tgt Ion:196 Resp: 140152
Ion Ratio Lower Upper
196 100
198 102.0 80.5 120.7
97 54.0 42.8 64.2
132 29.6 23.5 35.3





#45

2-Fluorobiphenyl

Concen: 82.031 ng

RT: 9.151 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141447.D

Acq: 05 Feb 2025 15:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:172 Resp: 90190

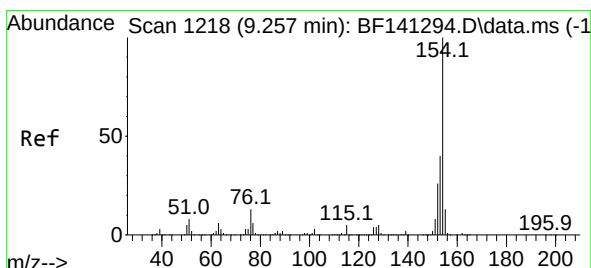
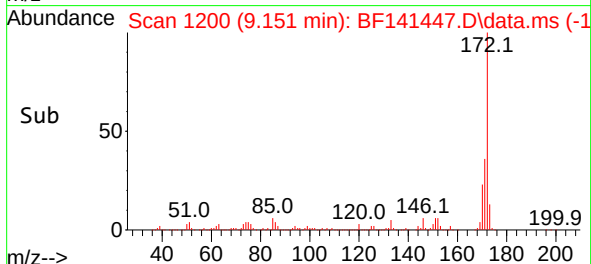
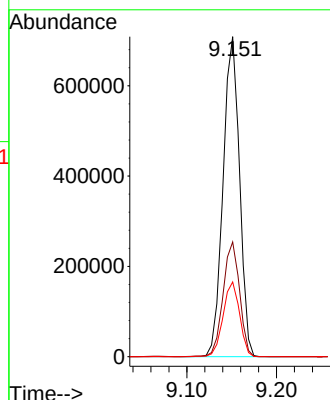
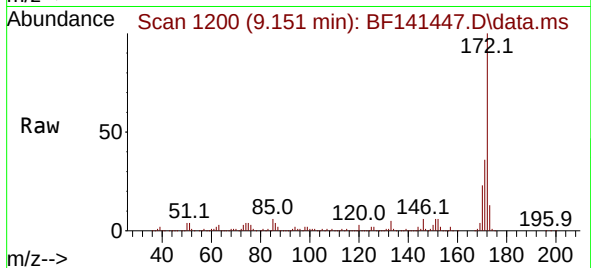
Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.8	43.2
170	23.4	19.0	28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#46

1,1'-Biphenyl

Concen: 39.526 ng

RT: 9.251 min Scan# 1217

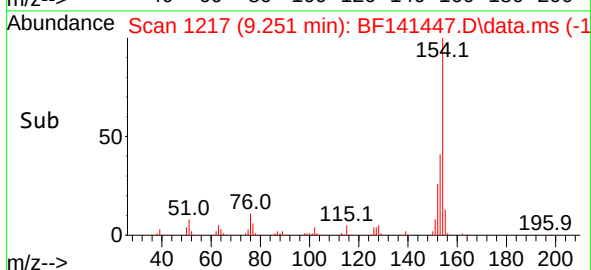
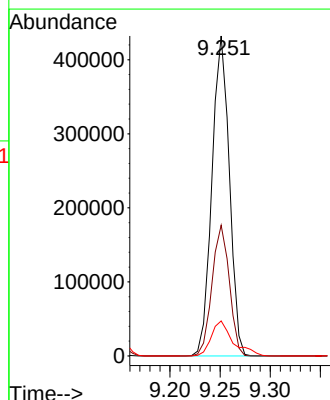
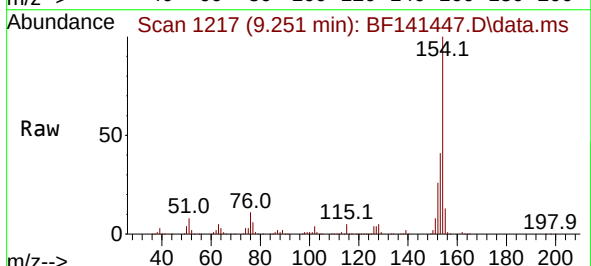
Delta R.T. -0.012 min

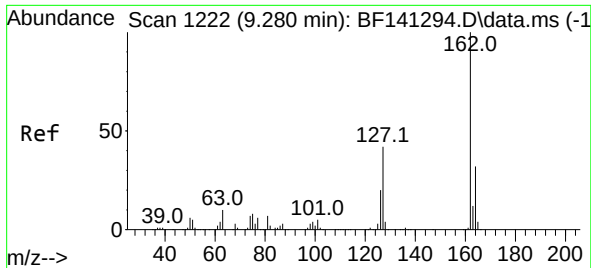
Lab File: BF141447.D

Acq: 05 Feb 2025 15:16

Tgt Ion:154 Resp: 521663

Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.0	60.0
76	10.9	0.0	32.8





#47

2-Chloronaphthalene

Concen: 39.690 ng

RT: 9.275 min Scan# 1222

Delta R.T. -0.012 min

Lab File: BF141447.D

Acq: 05 Feb 2025 15:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 408289

Ion Ratio Lower Upper

162 100

127 42.2 33.7 50.5

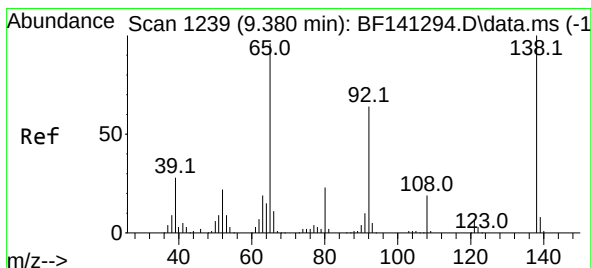
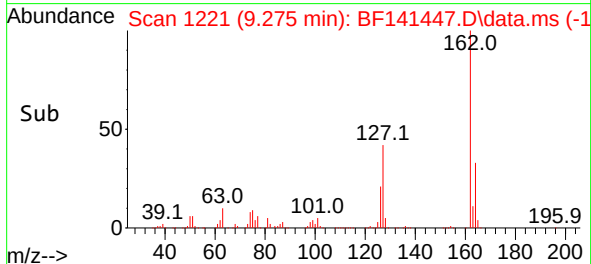
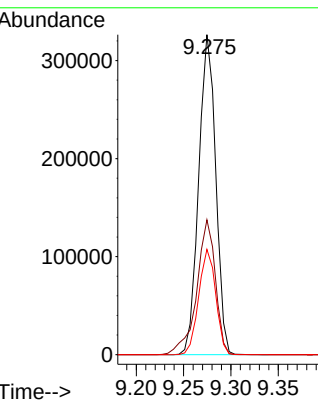
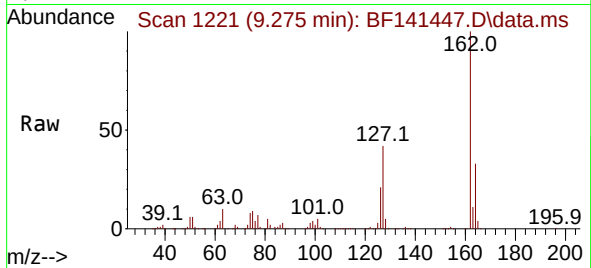
164 32.9 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#48

2-Nitroaniline

Concen: 42.611 ng

RT: 9.375 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BF141447.D

Acq: 05 Feb 2025 15:16

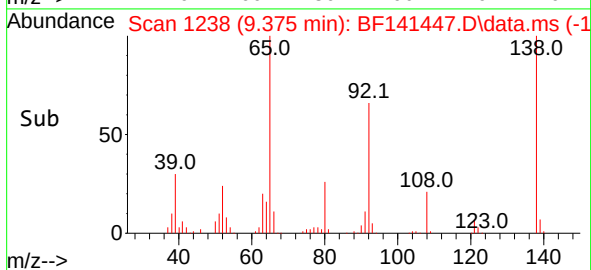
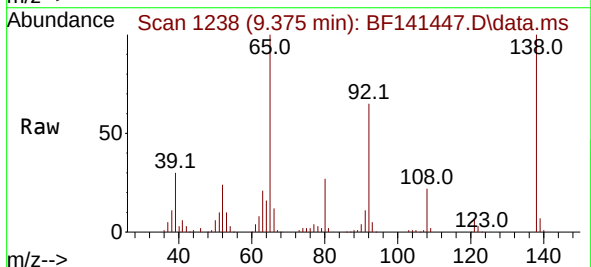
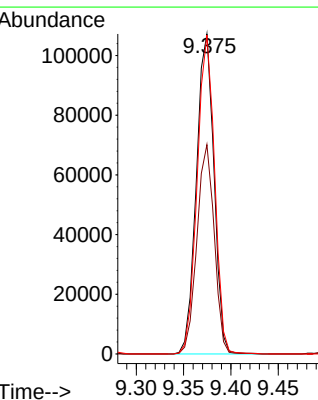
Tgt Ion: 65 Resp: 137877

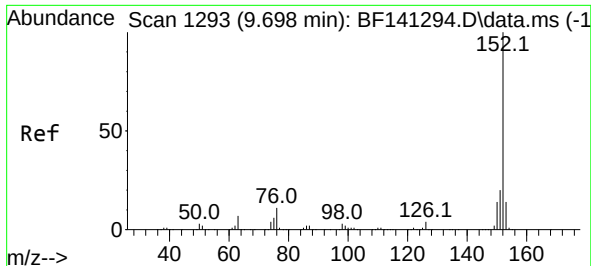
Ion Ratio Lower Upper

65 100

92 65.4 53.3 79.9

138 99.7 83.6 125.4





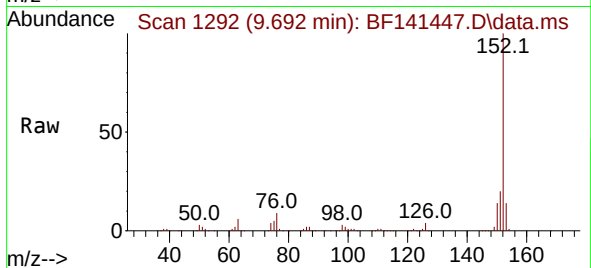
#49
Acenaphthylene
Concen: 40.477 ng
RT: 9.692 min Scan# 1293
Delta R.T. -0.012 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



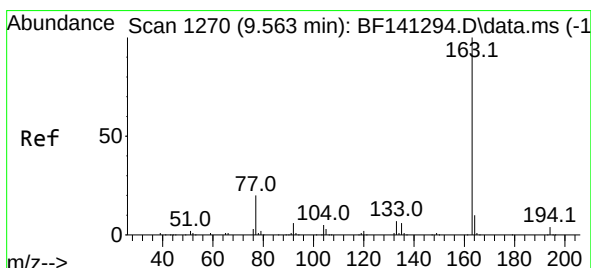
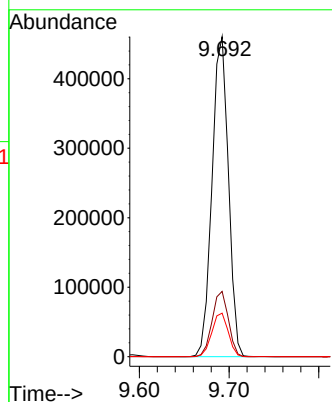
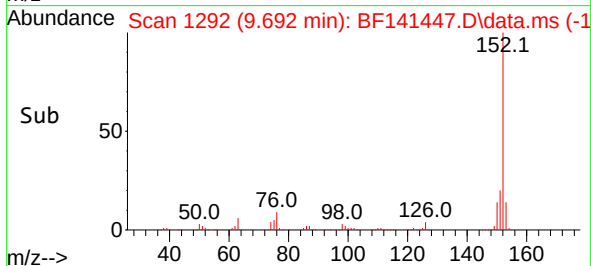
Tgt Ion:152 Resp: 58286
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2
153 13.6 11.0 16.6

Manual Integrations

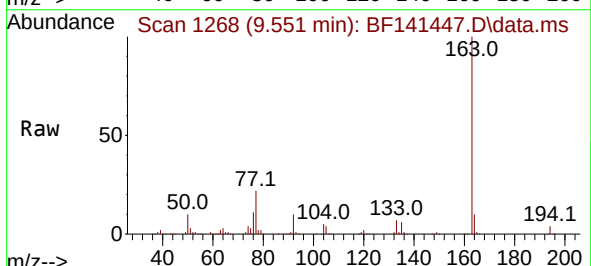
APPROVED

Reviewed By :Yogesh Patel 02/06/2025

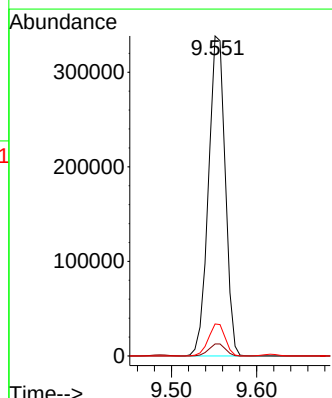
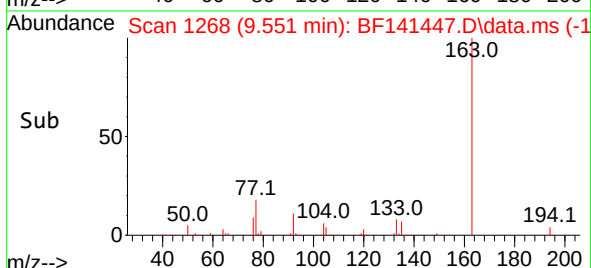
Supervised By :mohammad ahmed 02/06/2025

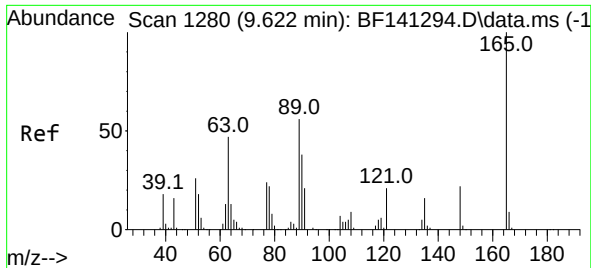


#50
Dimethylphthalate
Concen: 40.461 ng
RT: 9.551 min Scan# 1268
Delta R.T. -0.018 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16



Tgt Ion:163 Resp: 462460
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 10.0 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 40.902 ng
RT: 9.616 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

Instrument :

BNA_F

ClientSampleId :

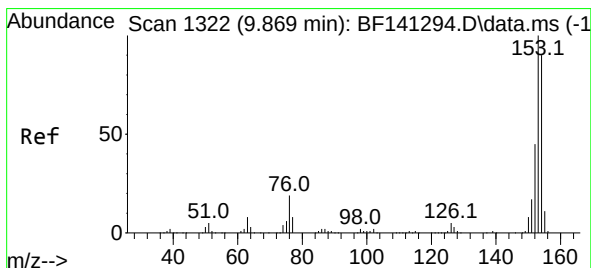
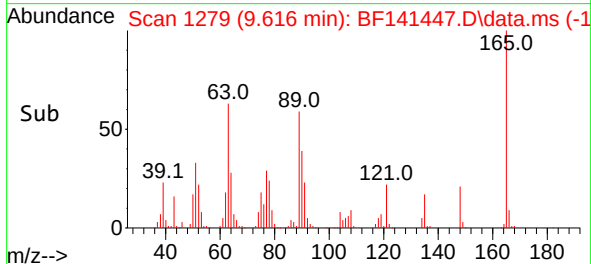
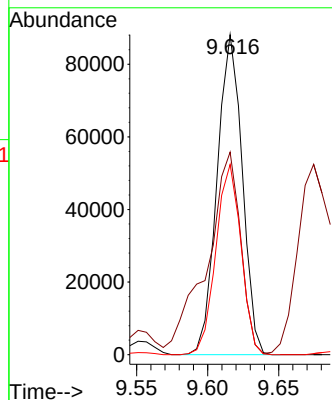
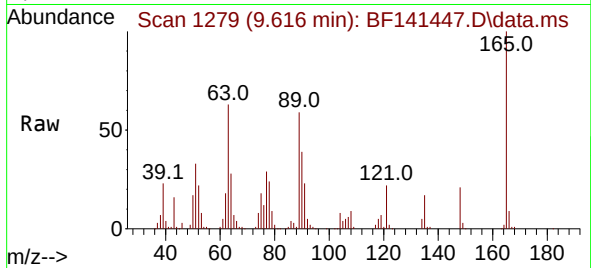
SSTDCCC040

Tgt Ion:165 Resp: 108549
Ion Ratio Lower Upper
165 100
63 63.3 48.1 72.1
89 59.5 44.9 67.3

Manual Integrations

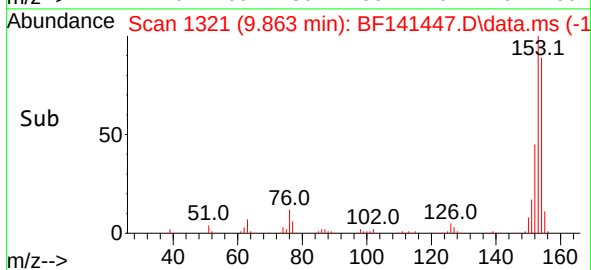
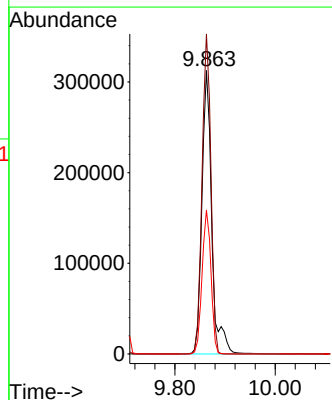
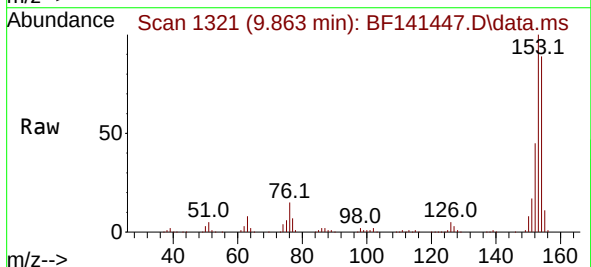
APPROVED

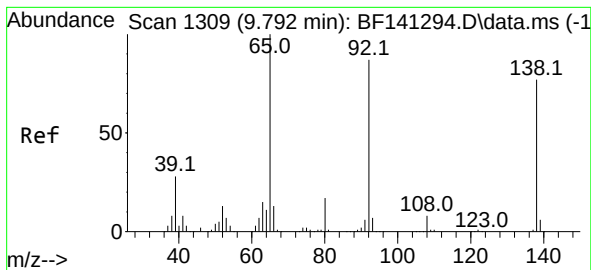
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#52
Acenaphthene
Concen: 41.234 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.012 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

Tgt Ion:154 Resp: 424189
Ion Ratio Lower Upper
154 100
153 112.9 89.0 133.4
152 50.8 40.2 60.4





#53

3-Nitroaniline

Concen: 40.648 ng

RT: 9.786 min Scan# 1308

Delta R.T. -0.012 min

Lab File: BF141447.D

Acq: 05 Feb 2025 15:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:138 Resp: 105728

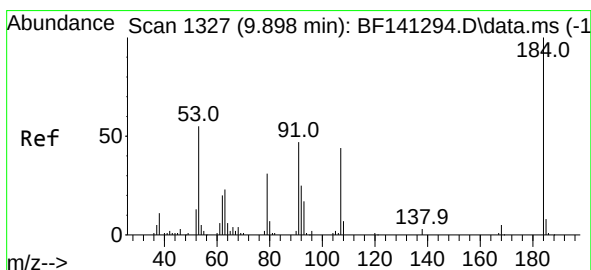
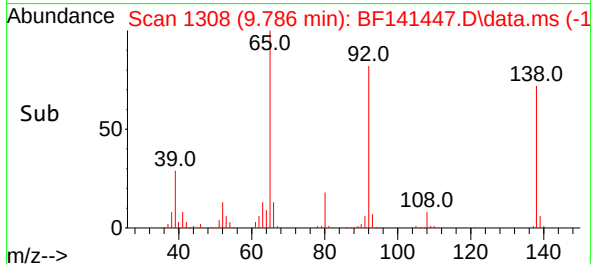
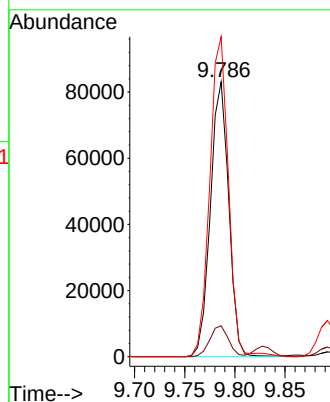
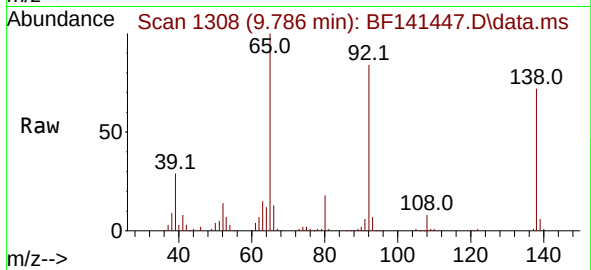
Ion	Ratio	Lower	Upper
138	100		
108	11.2	8.6	12.8
92	116.4	91.0	136.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#54

2,4-Dinitrophenol

Concen: 46.121 ng

RT: 9.892 min Scan# 1326

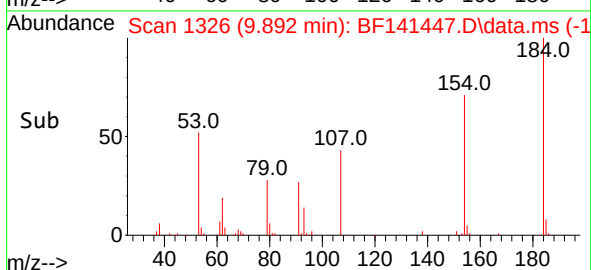
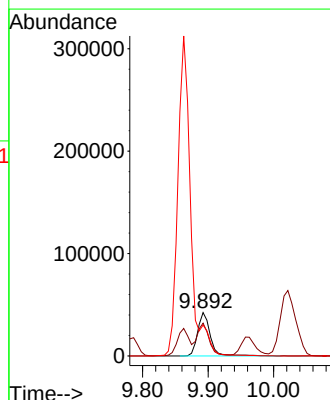
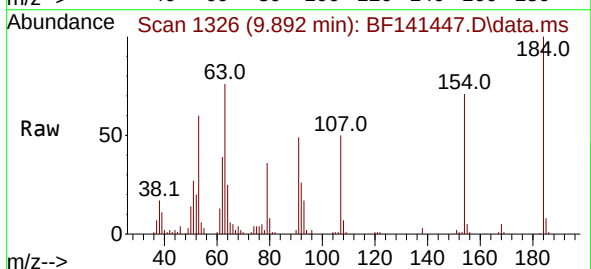
Delta R.T. -0.012 min

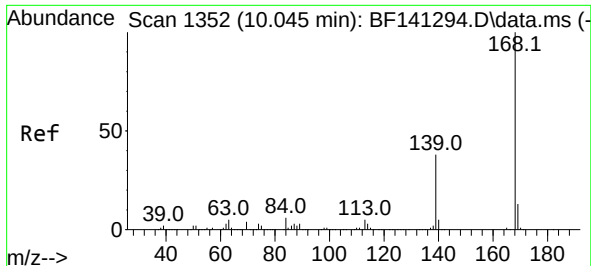
Lab File: BF141447.D

Acq: 05 Feb 2025 15:16

Tgt Ion:184 Resp: 56897

Ion	Ratio	Lower	Upper
184	100		
63	75.9	54.1	81.1
154	71.5	50.7	76.1





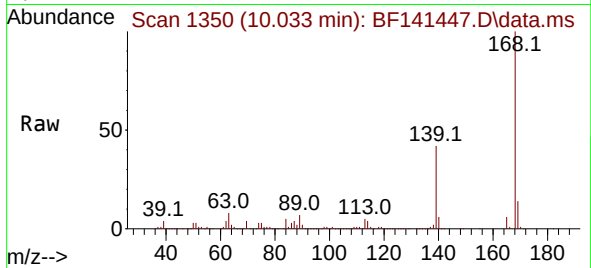
#55
Dibenzenofuran
Concen: 40.604 ng
RT: 10.033 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



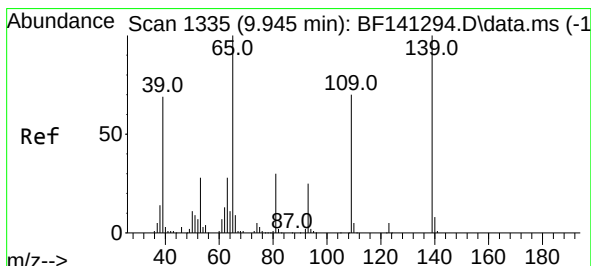
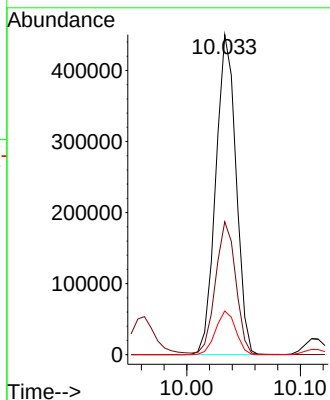
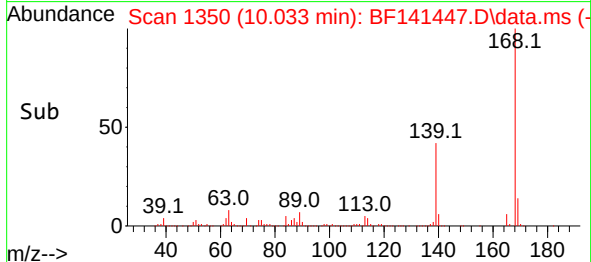
Tgt Ion:168 Resp: 55912
Ion Ratio Lower Upper
168 100
139 41.5 30.6 46.0
169 13.7 10.8 16.2

Manual Integrations

APPROVED

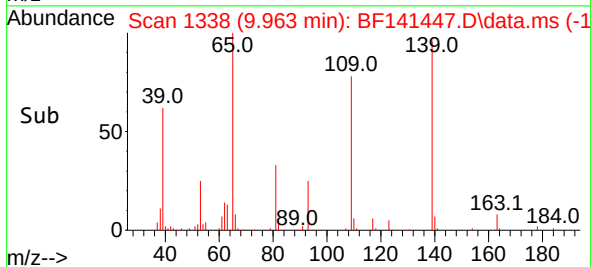
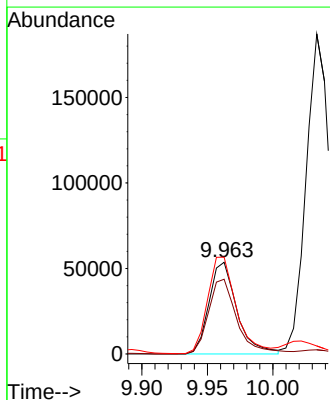
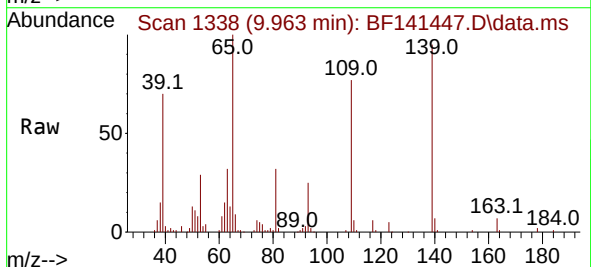
Reviewed By :Yogesh Patel 02/06/2025

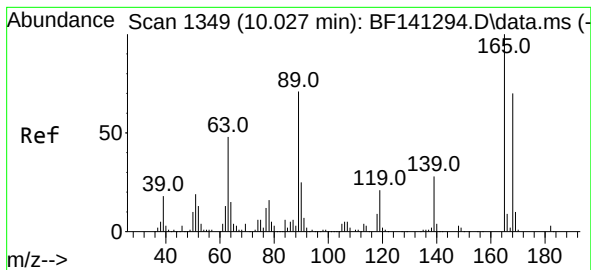
Supervised By :mohammad ahmed 02/06/2025



#56
4-Nitrophenol
Concen: 41.757 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.006 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

Tgt Ion:139 Resp: 79433
Ion Ratio Lower Upper
139 100
109 81.6 50.2 90.2
65 105.7 80.6 120.6





#57
2,4-Dinitrotoluene
Concen: 43.255 ng
RT: 10.022 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

Instrument :

BNA_F

ClientSampleId :

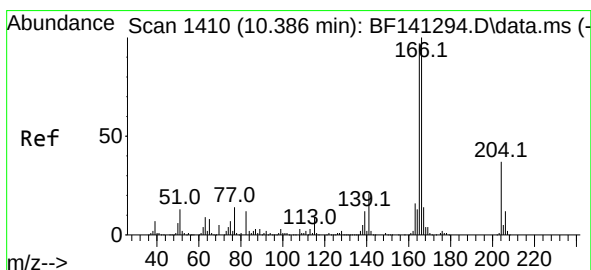
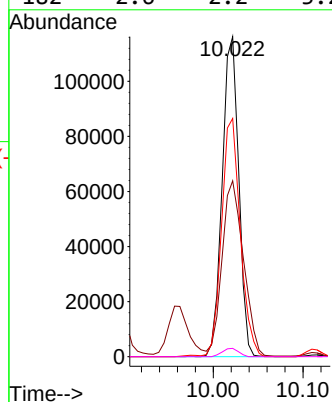
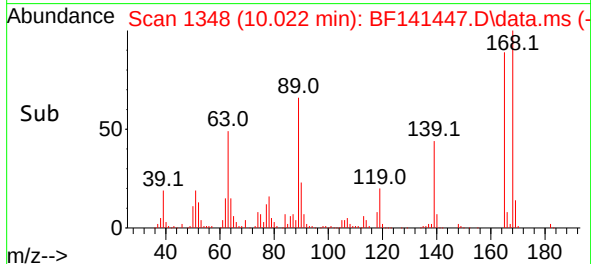
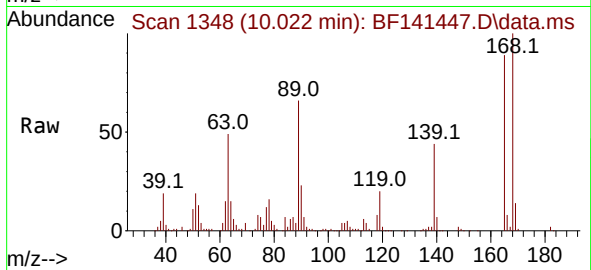
SSTDCCC040

Tgt Ion:165 Resp: 14862
Ion Ratio Lower Upper
165 100
63 55.0 39.2 58.8
89 74.4 56.9 85.3
182 2.6 2.2 3.2

Manual Integrations

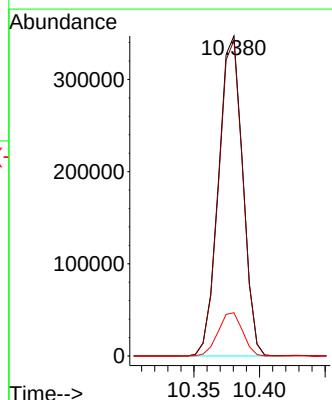
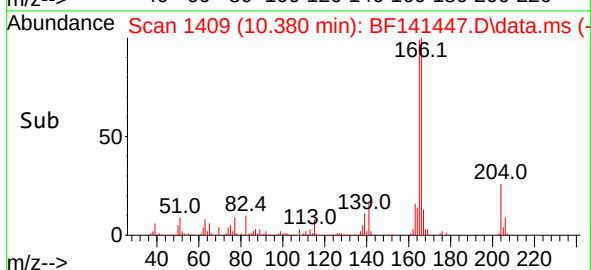
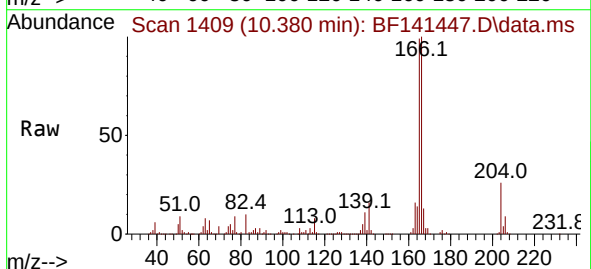
APPROVED

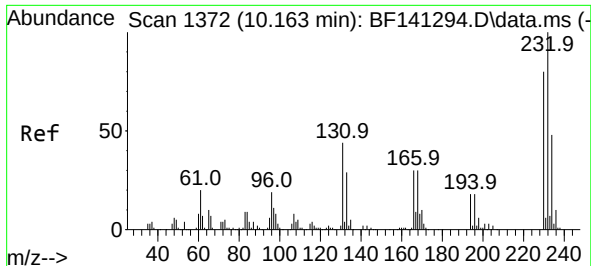
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#58
Fluorene
Concen: 41.681 ng
RT: 10.380 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

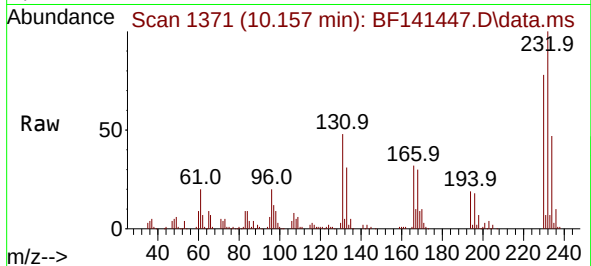
Tgt Ion:166 Resp: 445212
Ion Ratio Lower Upper
166 100
165 98.7 77.5 116.3
167 13.5 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.009 ng
RT: 10.157 min Scan# 11604
Delta R.T. -0.006 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

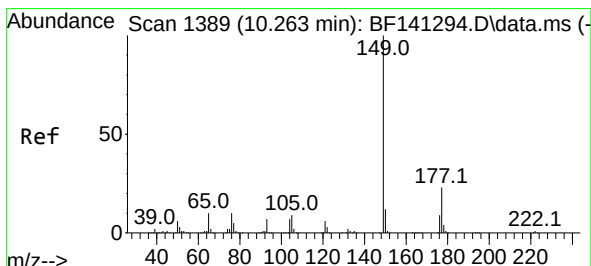
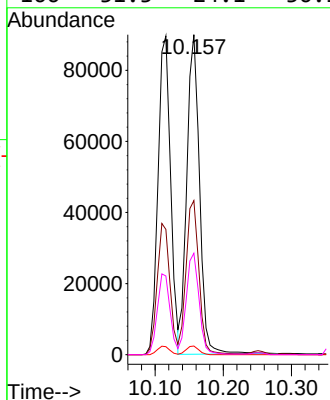
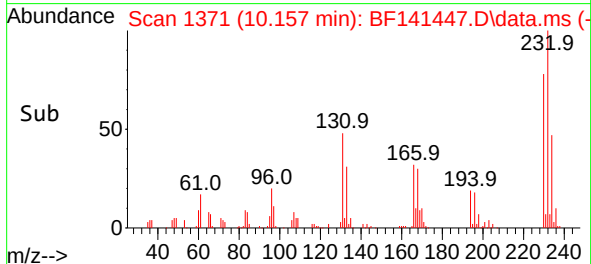
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:232 Resp: 11604
Ion Ratio Lower Upper
232 100
131 49.0 36.4 54.6
130 2.7 1.9 2.9
166 31.3 24.1 36.1

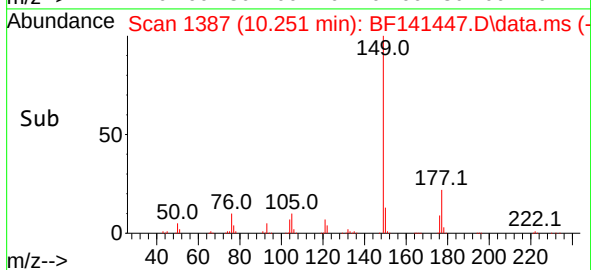
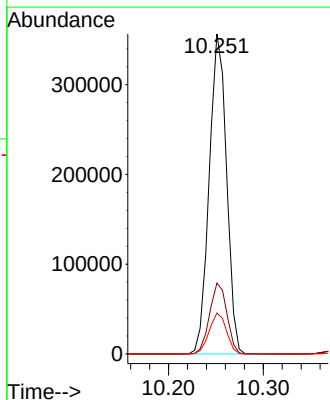
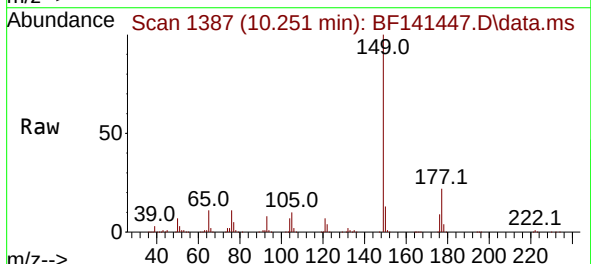
Manual Integrations
APPROVED

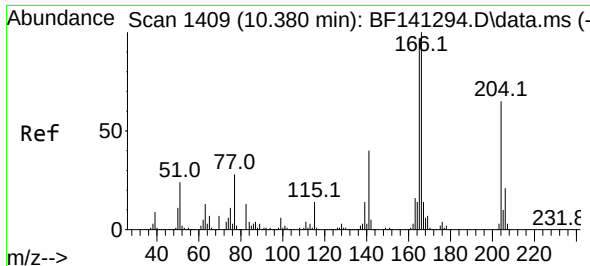
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#60
Diethylphthalate
Concen: 40.767 ng
RT: 10.251 min Scan# 1387
Delta R.T. -0.018 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

Tgt Ion:149 Resp: 451800
Ion Ratio Lower Upper
149 100
177 22.1 18.5 27.7
150 12.8 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 41.942 ng
RT: 10.369 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

Instrument :

BNA_F

ClientSampleId :

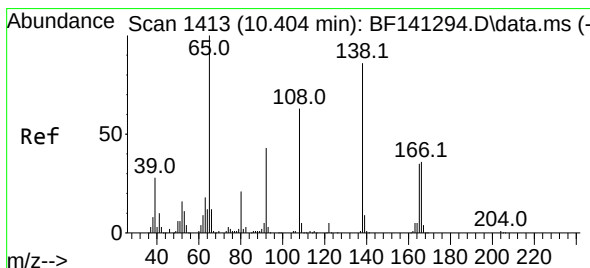
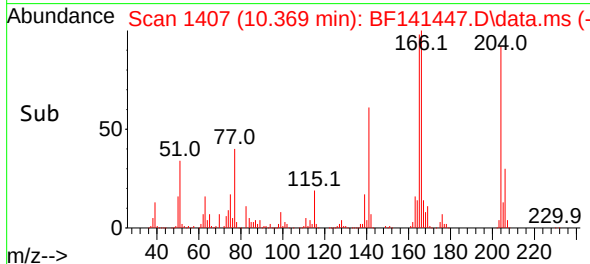
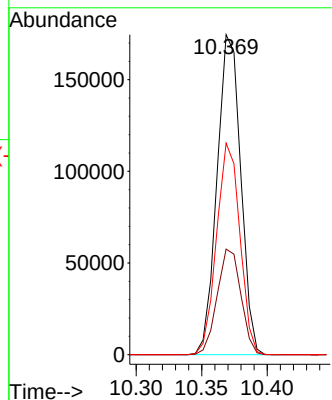
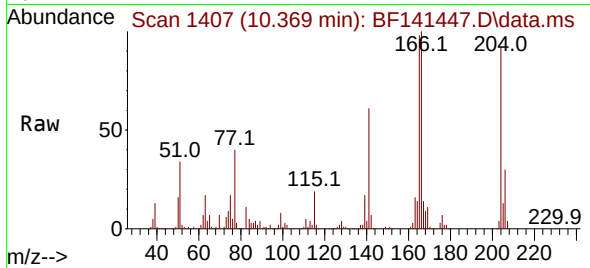
SSTDCCC040

Tgt Ion:204 Resp: 21883
Ion Ratio Lower Upper
204 100
206 33.0 25.9 38.9
141 66.1 49.5 74.3

Manual Integrations

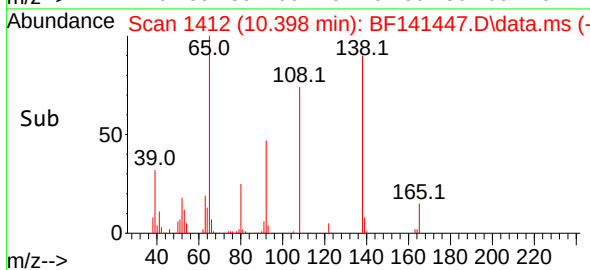
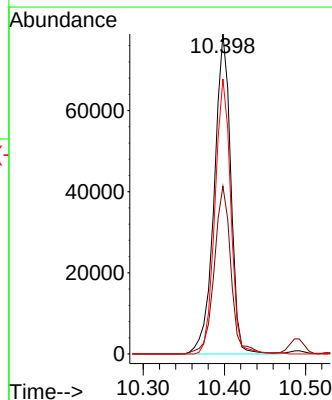
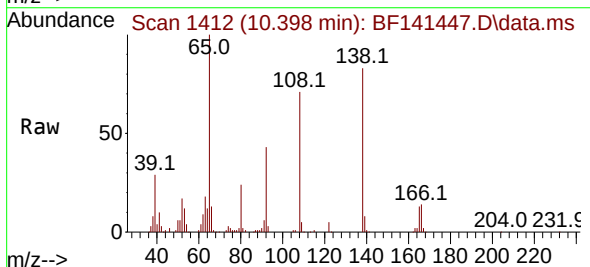
APPROVED

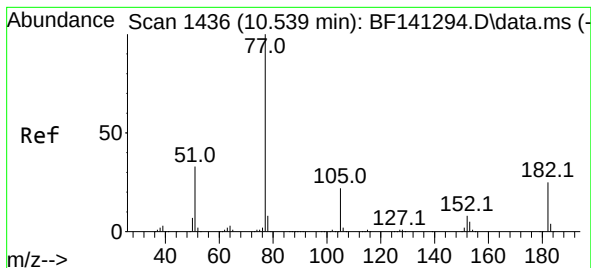
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#62
4-Nitroaniline
Concen: 43.805 ng
RT: 10.398 min Scan# 1412
Delta R.T. -0.018 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

Tgt Ion:138 Resp: 112018
Ion Ratio Lower Upper
138 100
92 52.4 30.1 70.1
108 85.9 53.1 93.1





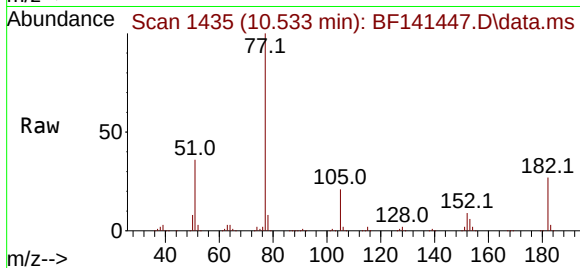
#63
Azobenzene
Concen: 39.861 ng
RT: 10.533 min Scan# 1435
Delta R.T. -0.012 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

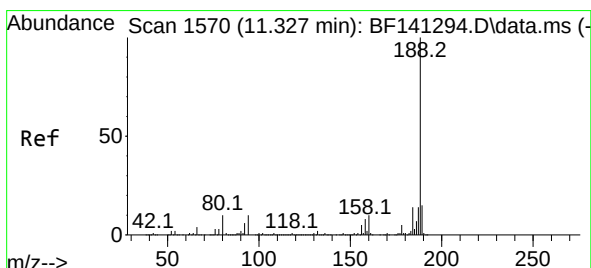
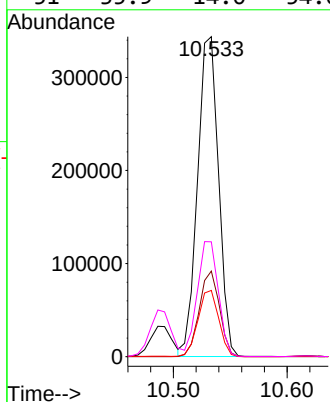
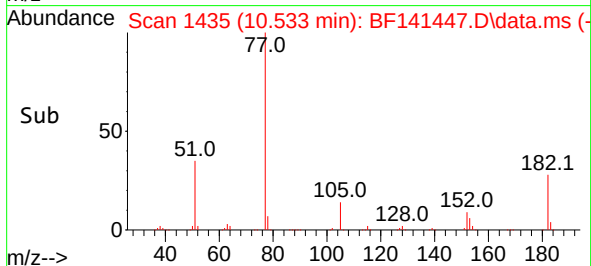


Tgt Ion: 77 Resp: 442185
Ion Ratio Lower Upper
77 100
182 26.8 5.1 45.1
105 20.7 1.8 41.8
51 35.9 14.0 54.0

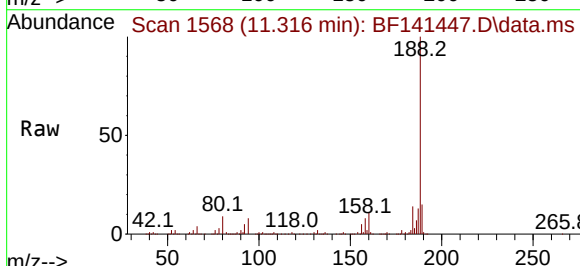
Manual Integrations

APPROVED

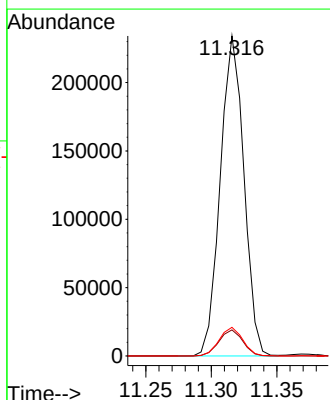
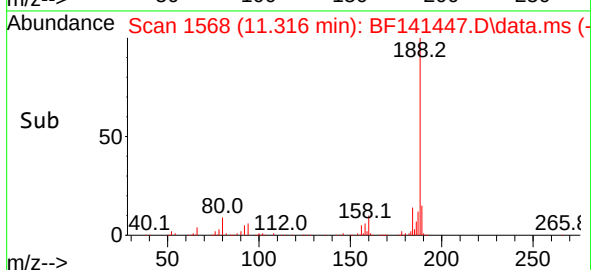
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

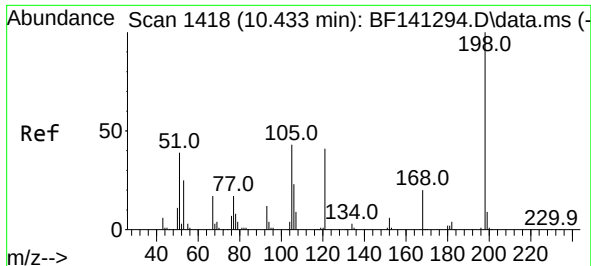


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1568
Delta R.T. -0.012 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16



Tgt Ion:188 Resp: 293274
Ion Ratio Lower Upper
188 100
94 8.2 7.8 11.6
80 8.9 8.2 12.4





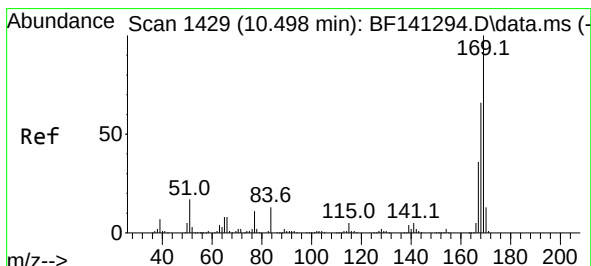
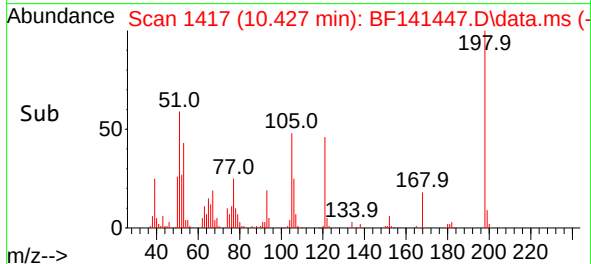
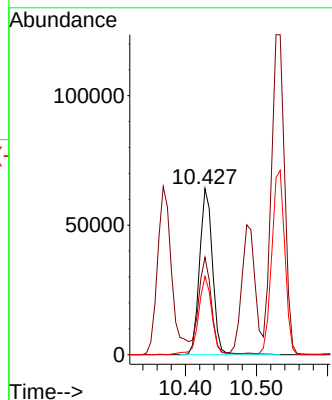
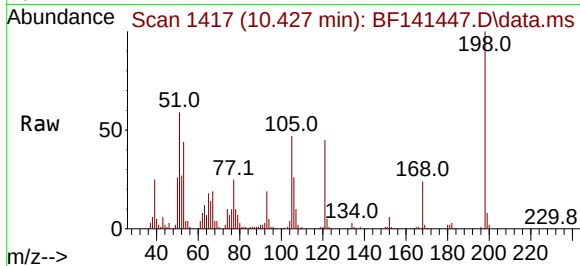
#65
4,6-Dinitro-2-methylphenol
Concen: 47.093 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.012 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 81693
Ion Ratio Lower Upper
198 100
51 58.6 33.4 73.4
105 47.1 24.4 64.4

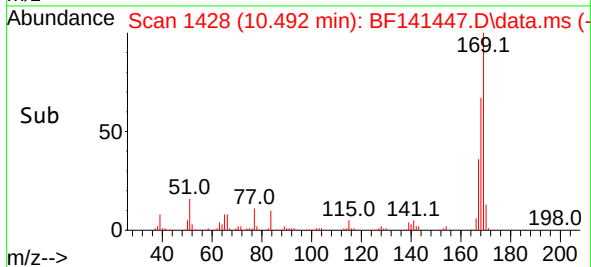
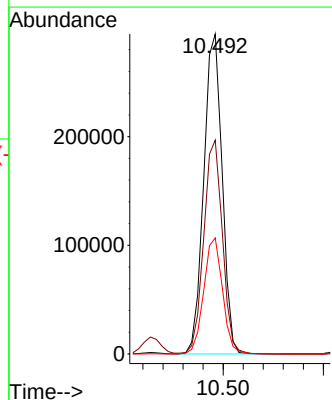
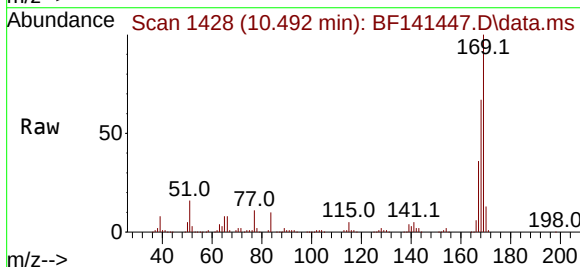
Manual Integrations
APPROVED

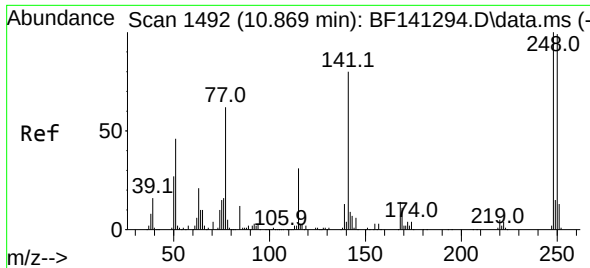
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#66
n-Nitrosodiphenylamine
Concen: 39.596 ng
RT: 10.492 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

Tgt Ion:169 Resp: 375589
Ion Ratio Lower Upper
169 100
168 66.9 53.0 79.4
167 36.2 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 41.034 ng
RT: 10.863 min Scan# 1491
Delta R.T. -0.012 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

Instrument :

BNA_F

ClientSampleId :

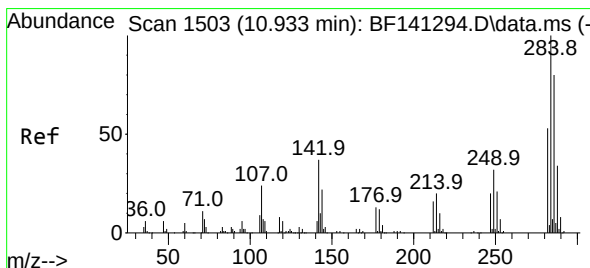
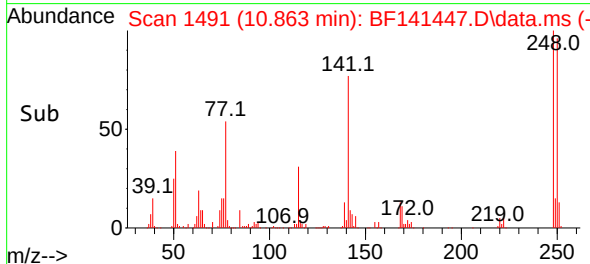
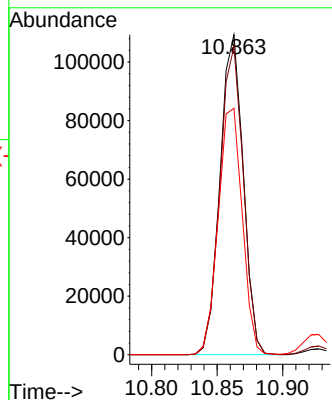
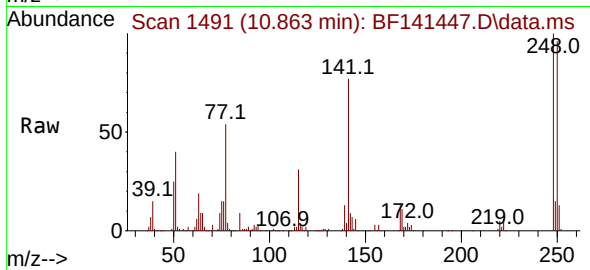
SSTDCCC040

Tgt Ion:248 Resp: 134728
Ion Ratio Lower Upper
248 100
250 96.2 79.0 118.4
141 77.0 63.7 95.5

Manual Integrations

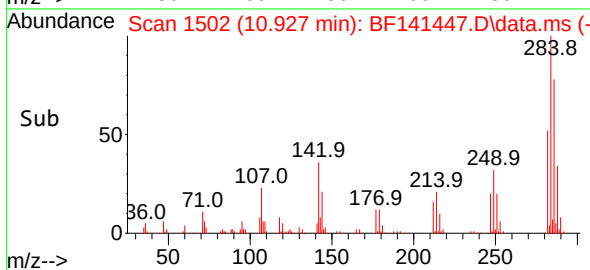
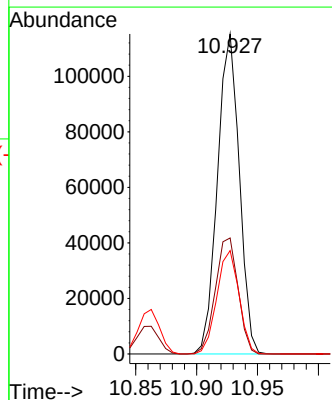
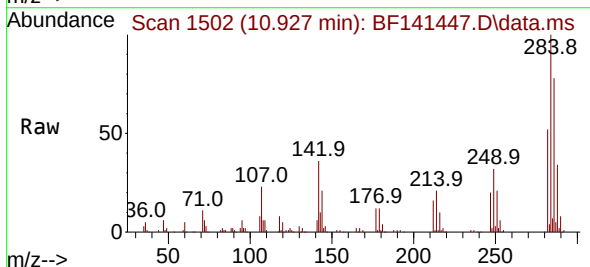
APPROVED

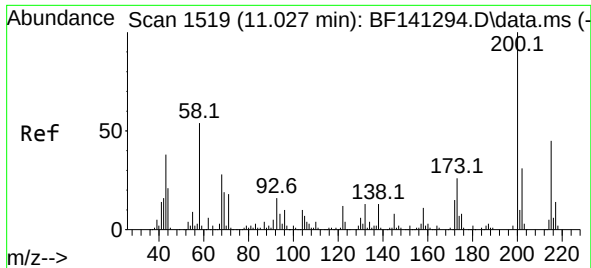
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#68
Hexachlorobenzene
Concen: 41.264 ng
RT: 10.927 min Scan# 1502
Delta R.T. -0.012 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

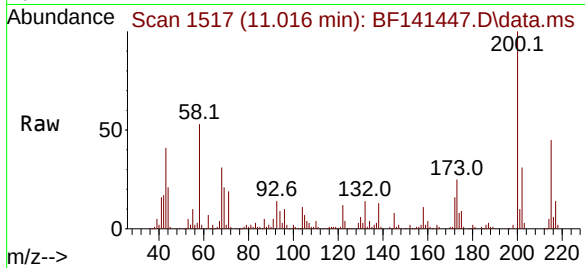
Tgt Ion:284 Resp: 143713
Ion Ratio Lower Upper
284 100
142 36.3 29.5 44.3
249 32.3 25.4 38.2





#69
 Atrazine
 Concen: 37.984 ng
 RT: 11.016 min Scan# 11
 Delta R.T. -0.018 min
 Lab File: BF141447.D
 Acq: 05 Feb 2025 15:16

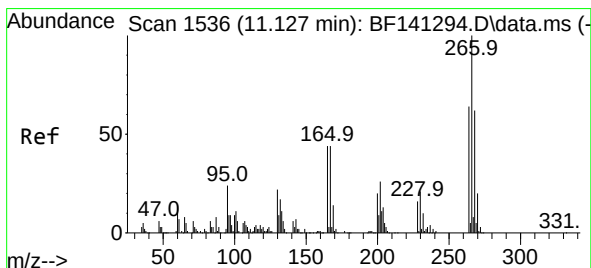
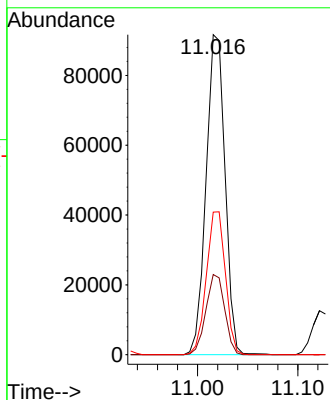
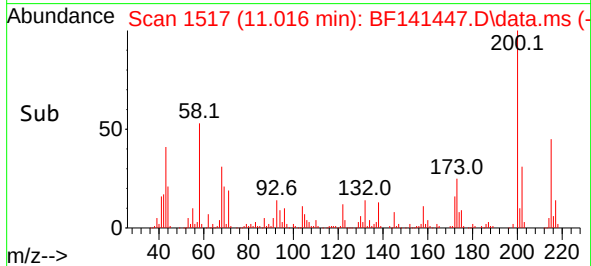
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



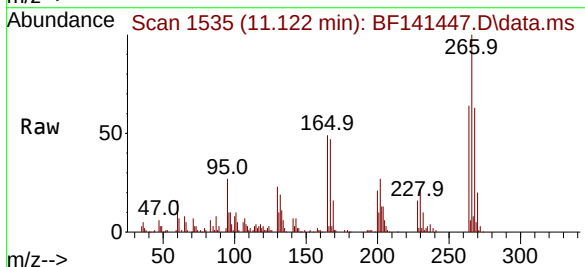
Tgt Ion:200 Resp: 12046
 Ion Ratio Lower Upper
 200 100
 173 25.1 5.9 45.9
 215 44.6 25.2 65.2

Manual Integrations
 APPROVED

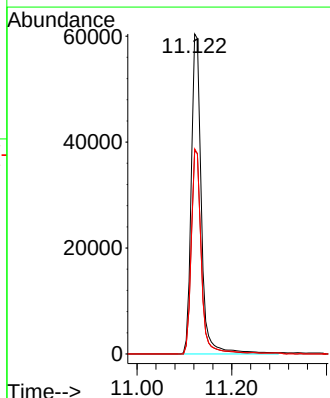
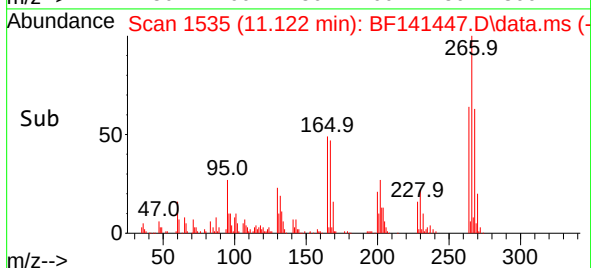
Reviewed By :Yogesh Patel 02/06/2025
 Supervised By :mohammad ahmed 02/06/2025

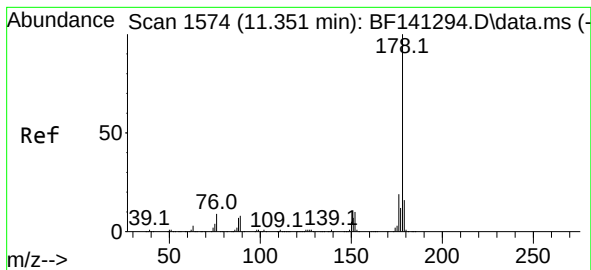


#70
 Pentachlorophenol
 Concen: 43.736 ng
 RT: 11.122 min Scan# 1535
 Delta R.T. -0.012 min
 Lab File: BF141447.D
 Acq: 05 Feb 2025 15:16



Tgt Ion:266 Resp: 89197
 Ion Ratio Lower Upper
 266 100
 268 63.5 49.9 74.9
 264 64.1 51.0 76.4





#71

Phenanthrene

Concen: 41.848 ng

RT: 11.339 min Scan# 1572

Delta R.T. -0.012 min

Lab File: BF141447.D

Acq: 05 Feb 2025 15:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:178 Resp: 65972

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

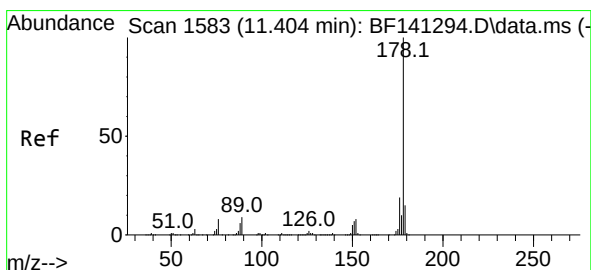
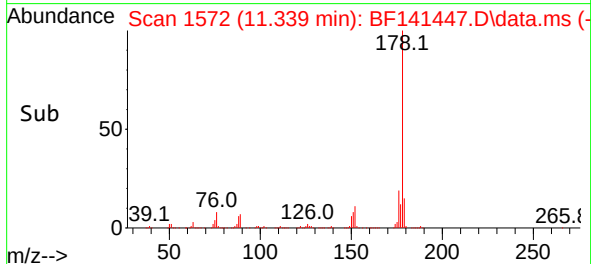
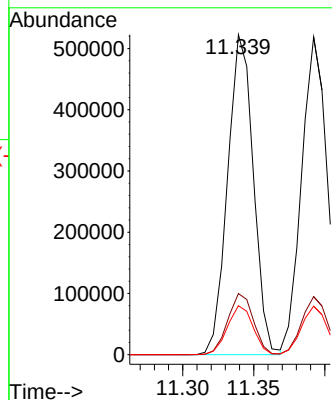
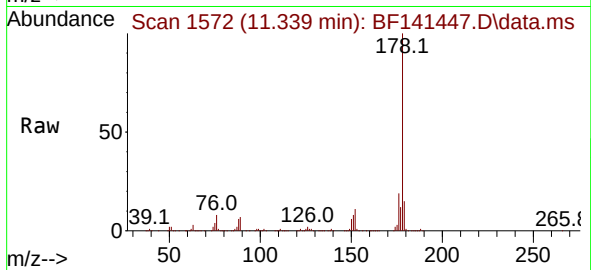
179 15.3 12.5 18.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#72

Anthracene

Concen: 41.945 ng

RT: 11.392 min Scan# 1581

Delta R.T. -0.012 min

Lab File: BF141447.D

Acq: 05 Feb 2025 15:16

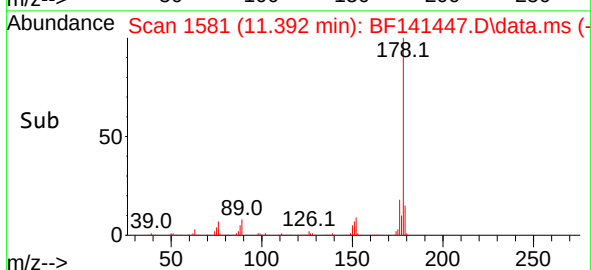
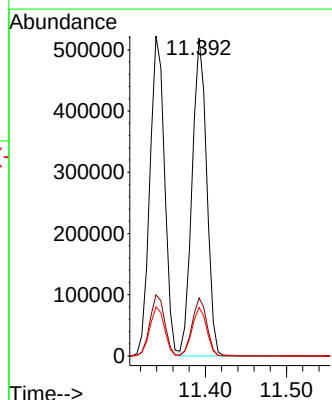
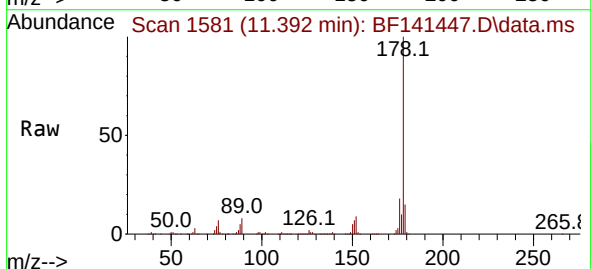
Tgt Ion:178 Resp: 647901

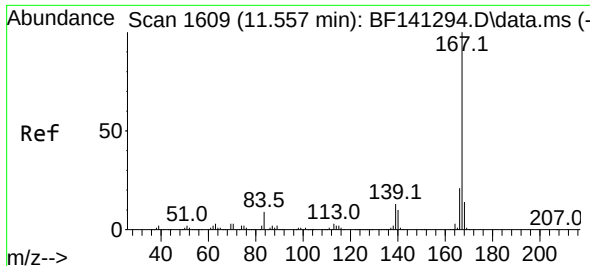
Ion Ratio Lower Upper

178 100

176 18.3 15.0 22.6

179 15.3 12.3 18.5





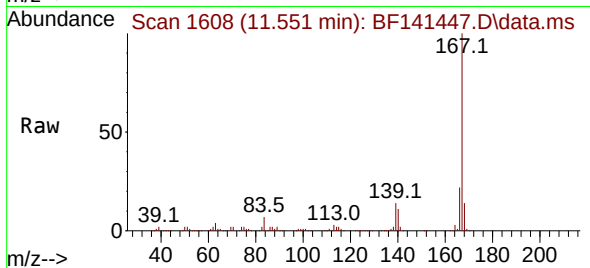
#73
 Carbazole
 Concen: 43.030 ng
 RT: 11.551 min Scan# 1608
 Delta R.T. -0.006 min
 Lab File: BF141447.D
 Acq: 05 Feb 2025 15:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



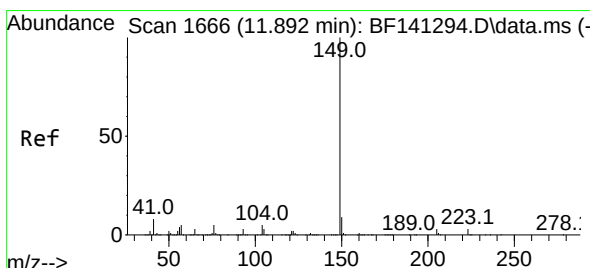
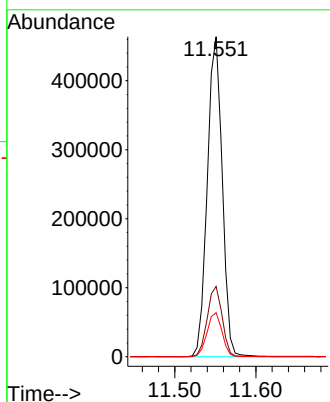
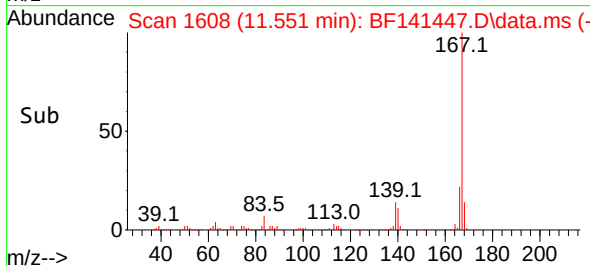
Tgt Ion:167 Resp: 589368
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.0 25.6
 139 13.7 10.6 16.0

Manual Integrations

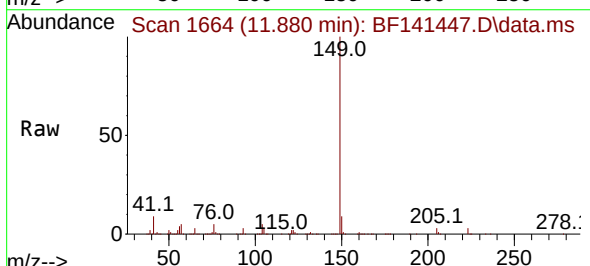
APPROVED

Reviewed By :Yogesh Patel 02/06/2025

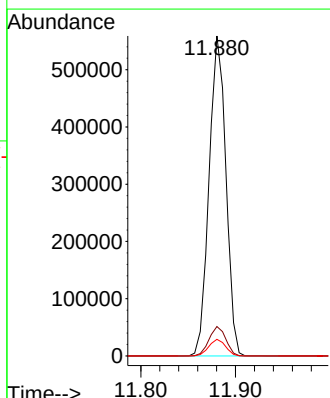
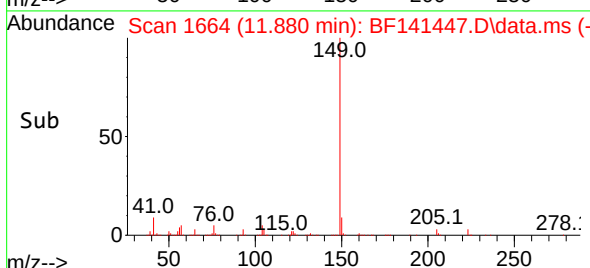
Supervised By :mohammad ahmed 02/06/2025

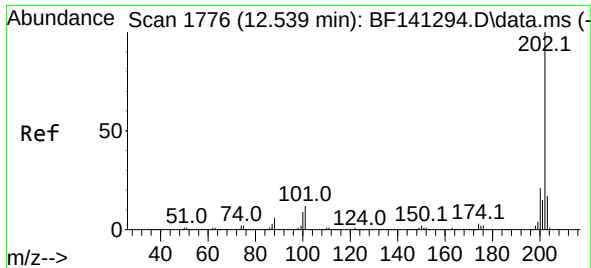


#74
 Di-n-butylphthalate
 Concen: 41.523 ng
 RT: 11.880 min Scan# 1664
 Delta R.T. -0.012 min
 Lab File: BF141447.D
 Acq: 05 Feb 2025 15:16



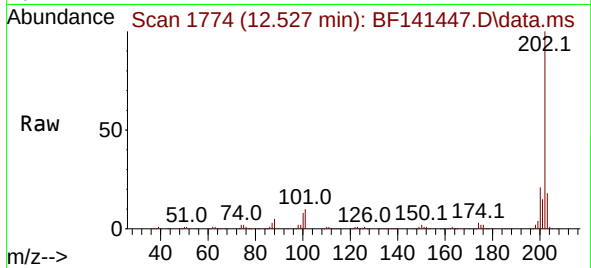
Tgt Ion:149 Resp: 689234
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 5.2 3.9 5.9





#75
Fluoranthene
Concen: 45.252 ng
RT: 12.527 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

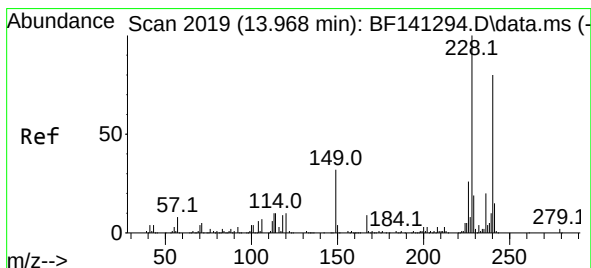
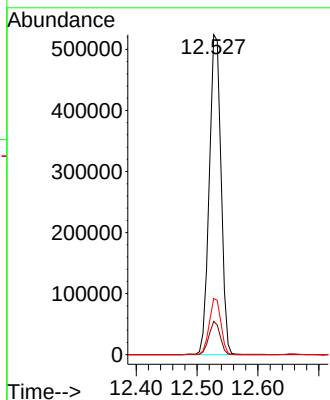
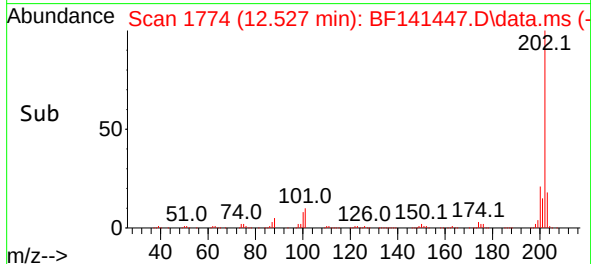
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



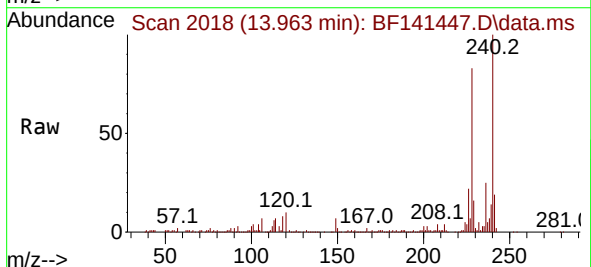
Tgt Ion:202 Resp: 704384
Ion Ratio Lower Upper
202 100
101 10.4 0.0 31.7
203 17.6 0.0 37.5

Manual Integrations
APPROVED

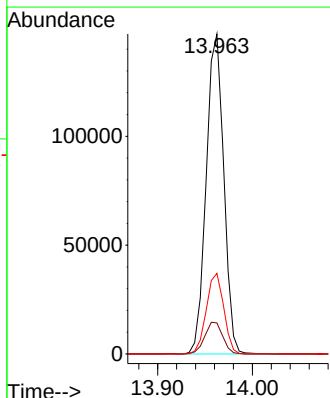
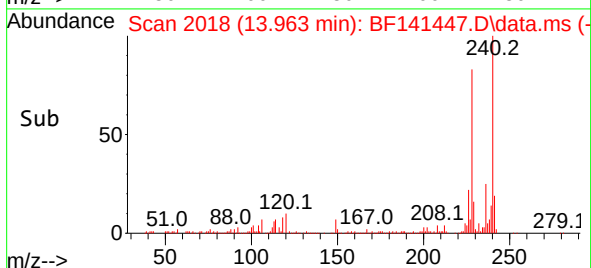
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

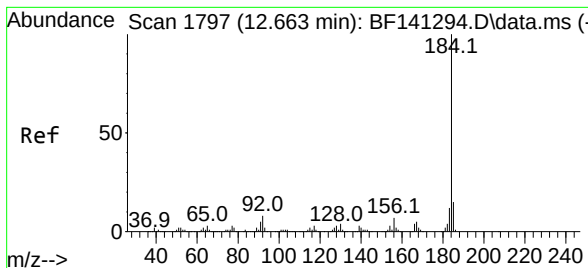


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16



Tgt Ion:240 Resp: 189132
Ion Ratio Lower Upper
240 100
120 9.7 10.0 15.0#
236 25.2 19.7 29.5





#77

Benzidine

Concen: 40.163 ng

RT: 12.657 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141447.D

Acq: 05 Feb 2025 15:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:184 Resp: 243520

Ion Ratio Lower Upper

184 100

185 14.2 11.9 17.9

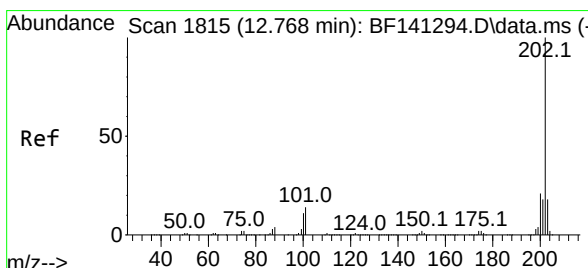
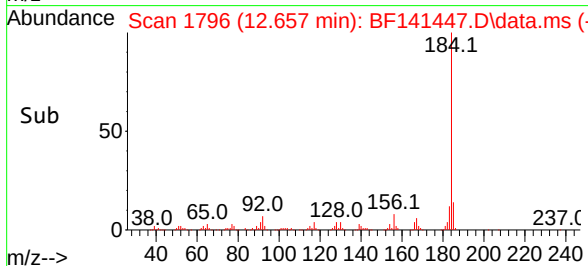
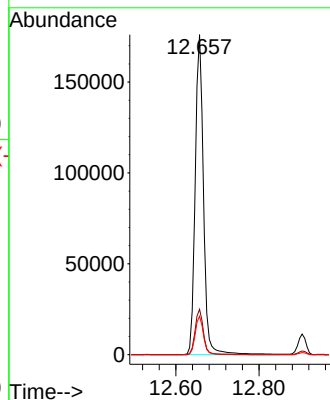
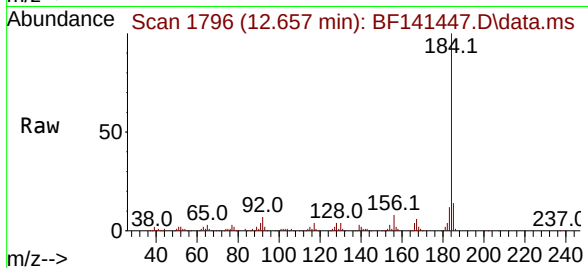
183 12.0 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#78

Pyrene

Concen: 39.495 ng

RT: 12.757 min Scan# 1813

Delta R.T. -0.012 min

Lab File: BF141447.D

Acq: 05 Feb 2025 15:16

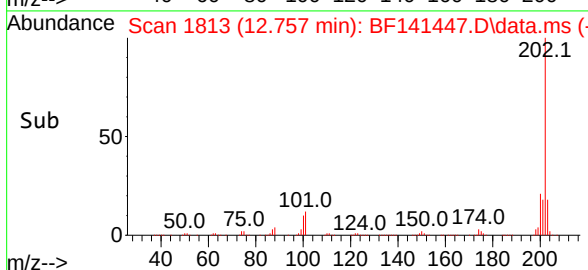
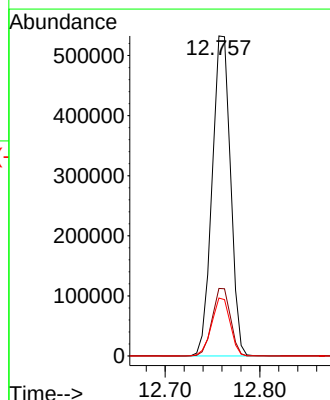
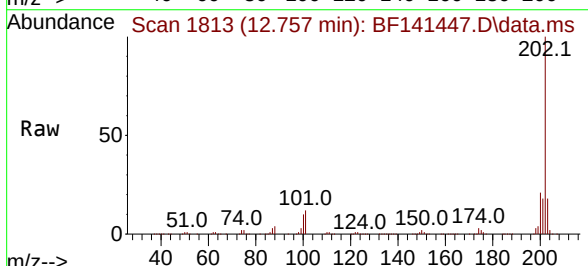
Tgt Ion:202 Resp: 717034

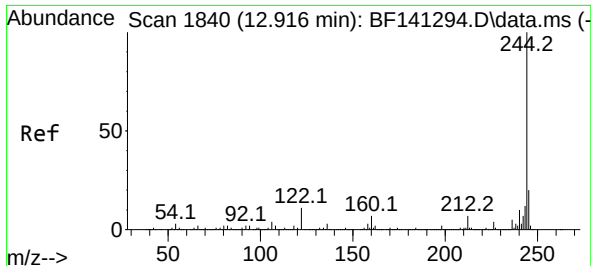
Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.4

203 18.1 14.3 21.5





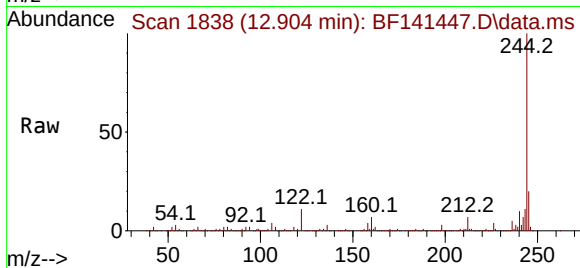
#79
 Terphenyl-d14
 Concen: 80.246 ng
 RT: 12.904 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF141447.D
 Acq: 05 Feb 2025 15:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

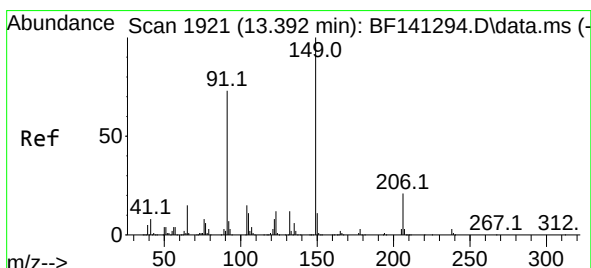
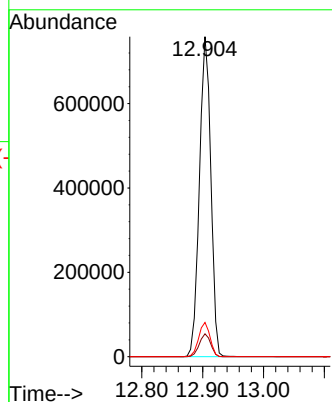
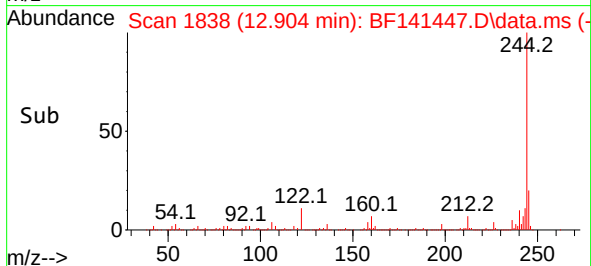


Tgt Ion:244 Resp: 984120
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 10.7 8.8 13.2

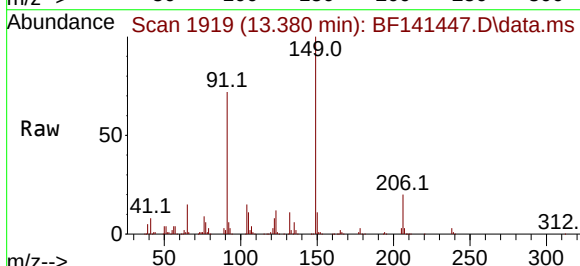
Manual Integrations

APPROVED

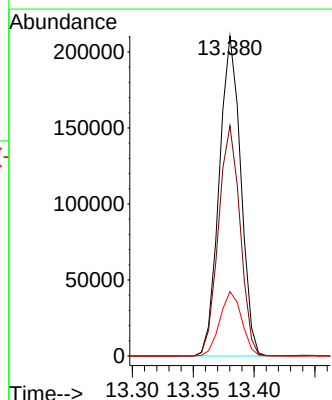
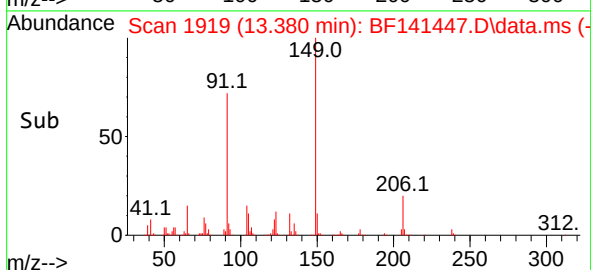
Reviewed By :Yogesh Patel 02/06/2025
 Supervised By :mohammad ahmed 02/06/2025

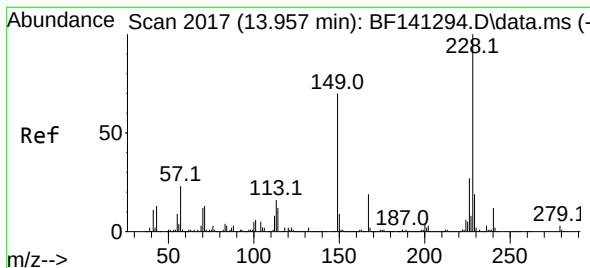


#80
 Butylbenzylphthalate
 Concen: 40.822 ng
 RT: 13.380 min Scan# 1919
 Delta R.T. -0.012 min
 Lab File: BF141447.D
 Acq: 05 Feb 2025 15:16



Tgt Ion:149 Resp: 258917
 Ion Ratio Lower Upper
 149 100
 91 72.0 58.6 87.8
 206 20.1 16.7 25.1





#81

Benzo(a)anthracene

Concen: 38.719 ng

RT: 13.951 min Scan# 2010

Delta R.T. -0.012 min

Lab File: BF141447.D

Acq: 05 Feb 2025 15:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 505330

Ion Ratio Lower Upper

228 100

226 26.9 21.4 32.2

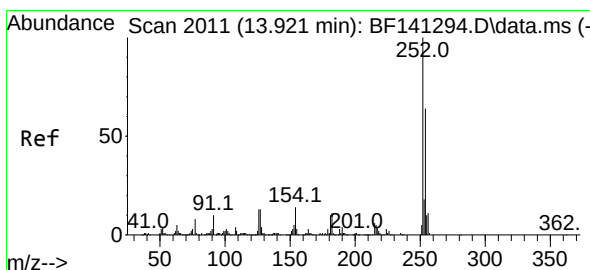
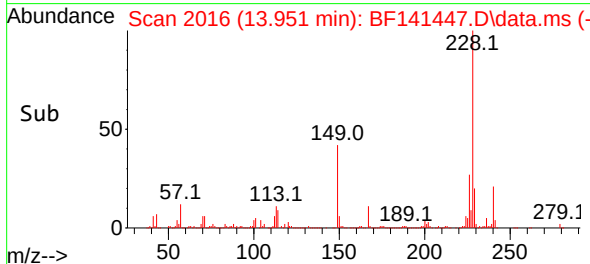
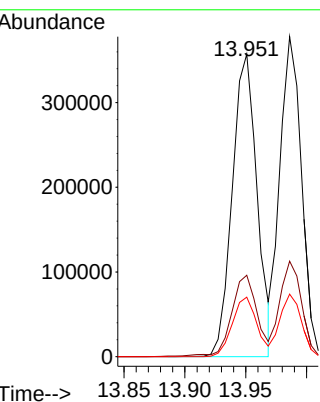
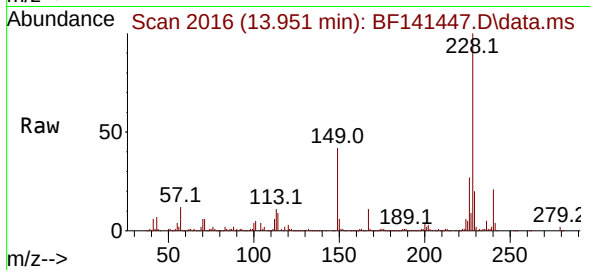
229 19.7 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#82

3,3'-Dichlorobenzidine

Concen: 37.967 ng

RT: 13.915 min Scan# 2010

Delta R.T. -0.012 min

Lab File: BF141447.D

Acq: 05 Feb 2025 15:16

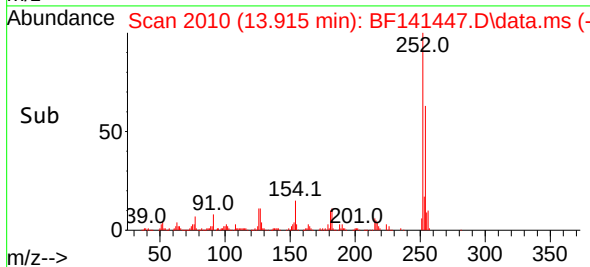
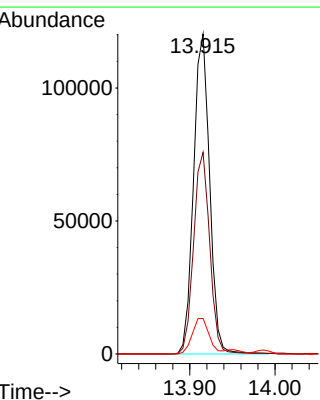
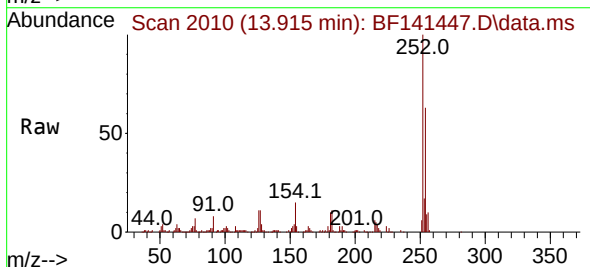
Tgt Ion:252 Resp: 157600

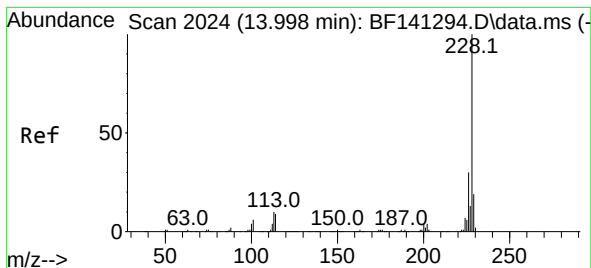
Ion Ratio Lower Upper

252 100

254 63.0 51.3 76.9

126 11.1 10.0 15.0





#83

Chrysene

Concen: 39.147 ng

RT: 13.986 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF141447.D

Acq: 05 Feb 2025 15:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 46823

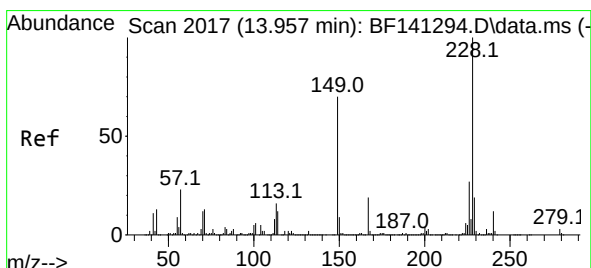
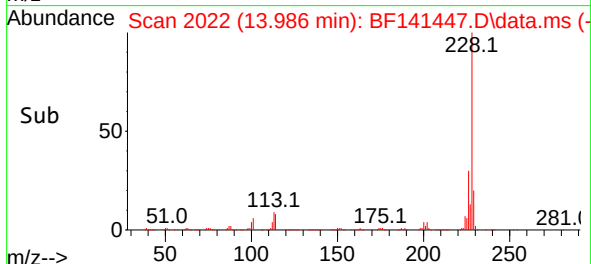
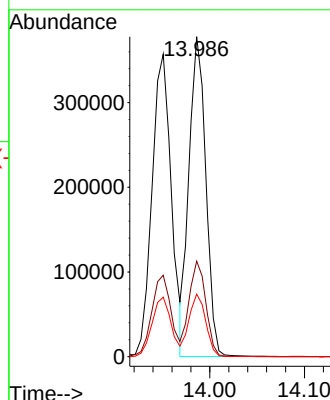
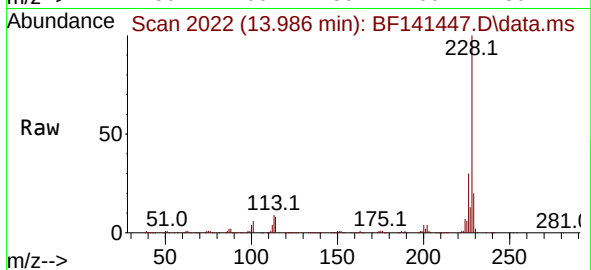
Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.1	36.1
229	19.6	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.283 ng

RT: 13.945 min Scan# 2015

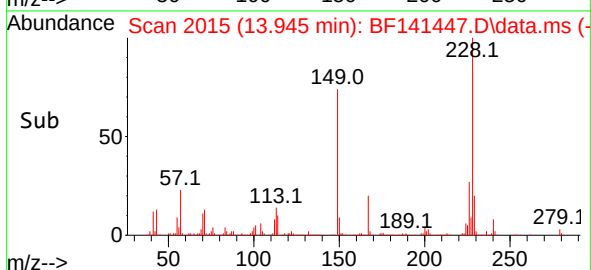
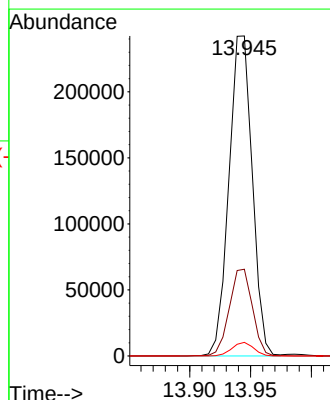
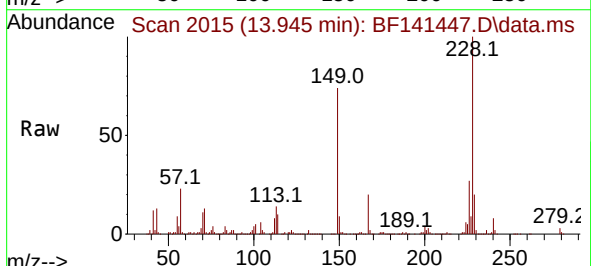
Delta R.T. -0.012 min

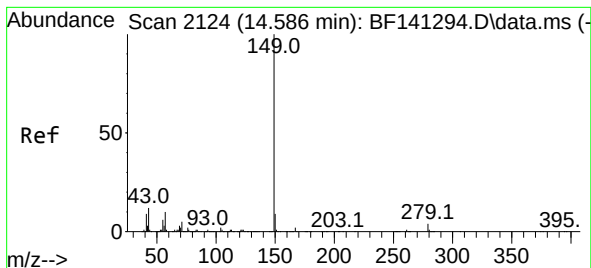
Lab File: BF141447.D

Acq: 05 Feb 2025 15:16

Tgt Ion:149 Resp: 324105

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.8	32.8
279	4.2	3.3	4.9





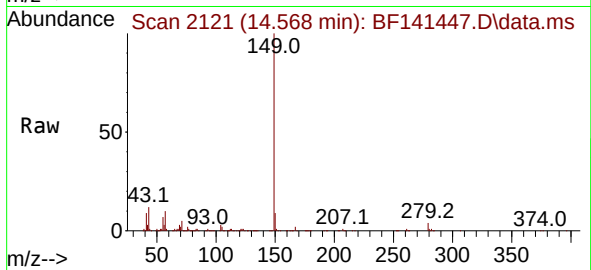
#85
Di-n-octyl phthalate
Concen: 37.112 ng
RT: 14.568 min Scan# 2124
Delta R.T. -0.018 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



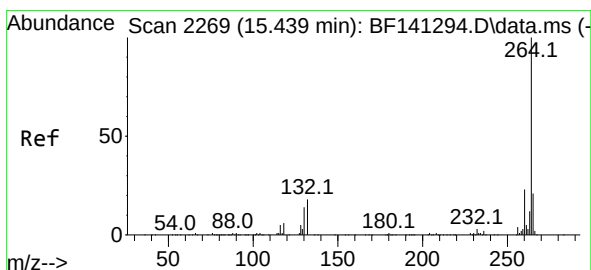
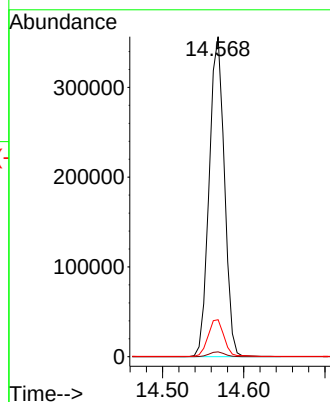
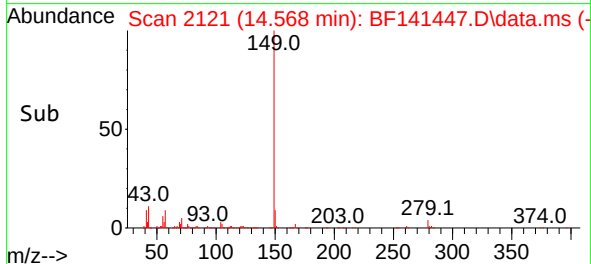
Tgt Ion:149 Resp: 463778
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 12.0 9.8 14.8

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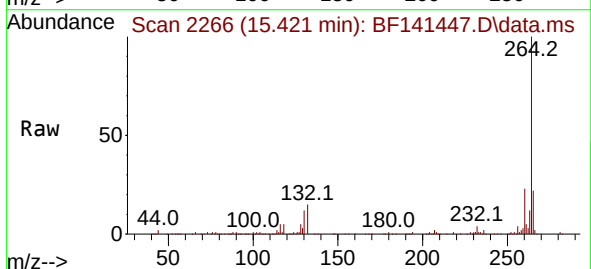
APPROVED

Reviewed By :Yogesh Patel 02/06/2025

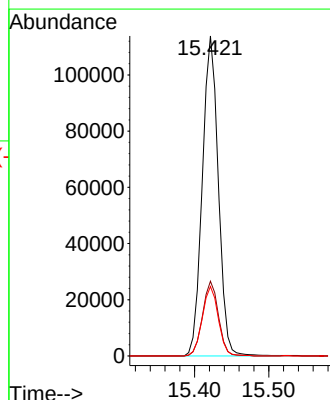
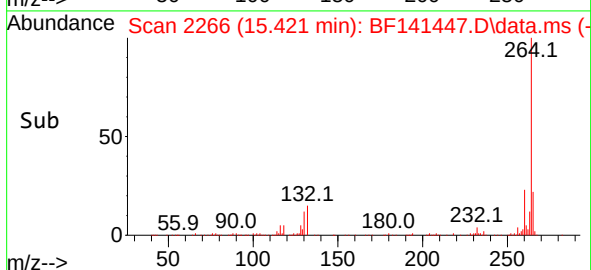
Supervised By :mohammad ahmed 02/06/2025

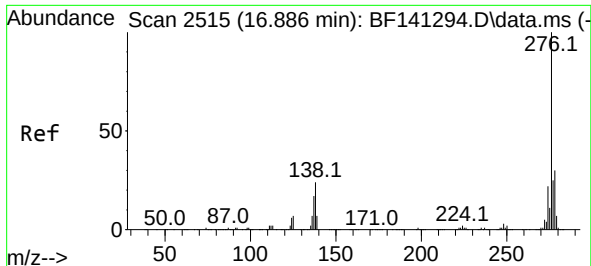


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2266
Delta R.T. -0.018 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16



Tgt Ion:264 Resp: 170936
Ion Ratio Lower Upper
264 100
260 23.3 18.6 27.8
265 21.7 16.7 25.1





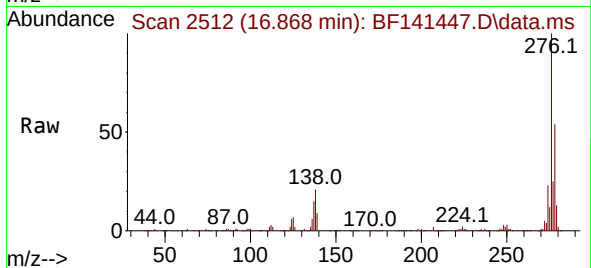
#87
Indeno(1,2,3-cd)pyrene
Concen: 40.777 ng
RT: 16.868 min Scan# 2195
Delta R.T. -0.030 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

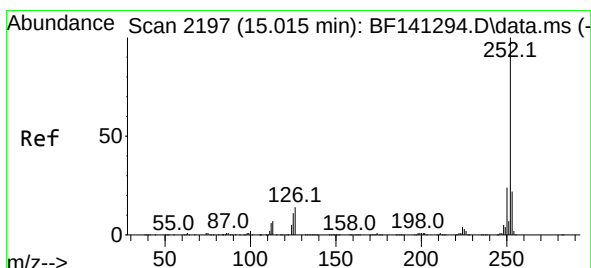
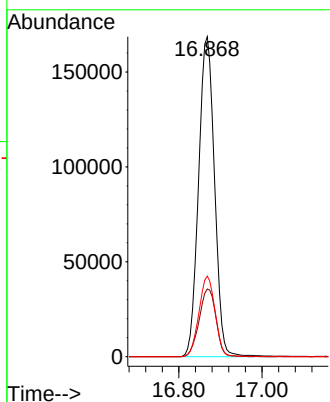
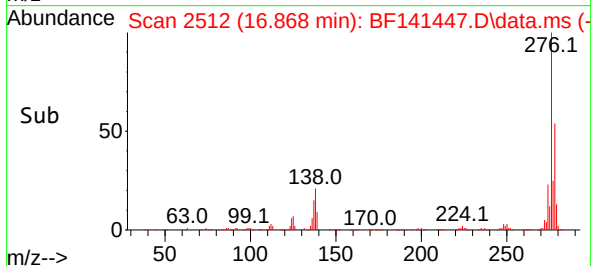


Tgt Ion:276 Resp: 449874
Ion Ratio Lower Upper
276 100
138 22.3 21.7 32.5
277 25.5 20.3 30.5

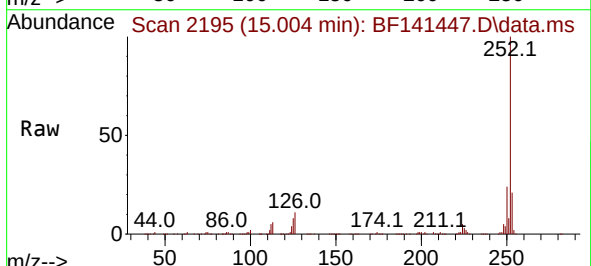
Manual Integrations

APPROVED

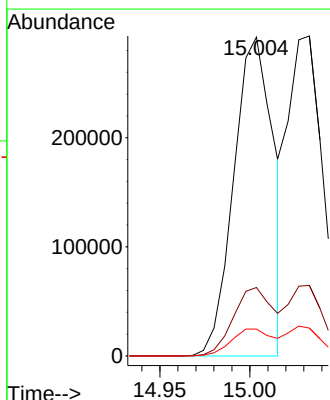
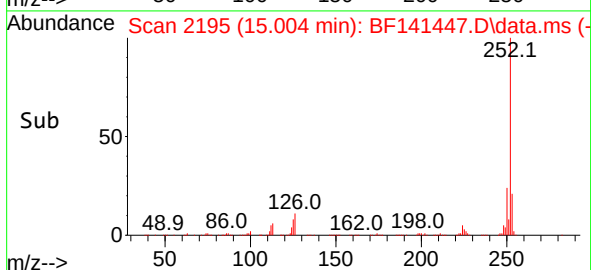
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

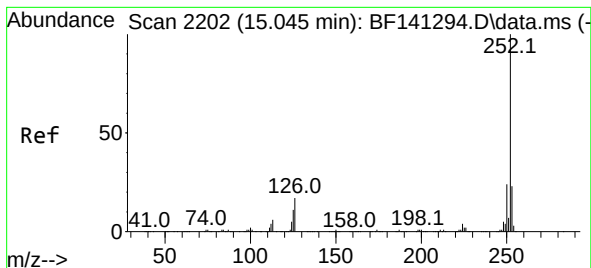


#88
Benzo(b)fluoranthene
Concen: 41.674 ng m
RT: 15.004 min Scan# 2195
Delta R.T. -0.018 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16



Tgt Ion:252 Resp: 448091
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.2
125 8.4 8.6 12.8#





#89

Benzo(k)fluoranthene

Concen: 41.460 ng

RT: 15.033 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF141447.D

Acq: 05 Feb 2025 15:16

Instrument :

BNA_F

ClientSampleId :

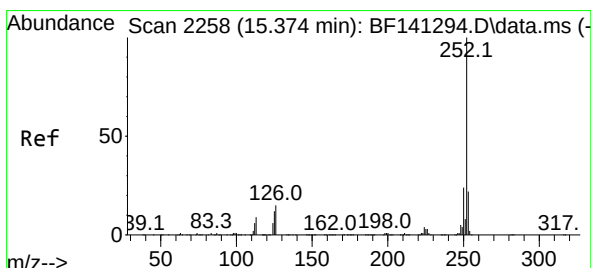
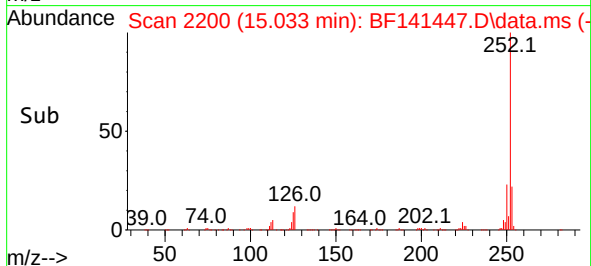
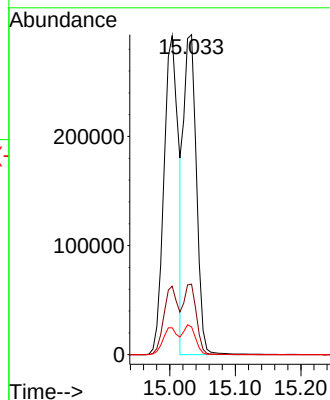
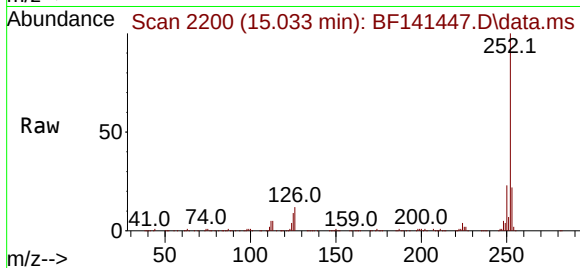
SSTDCCC040

Tgt Ion:252 Resp: 394915
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.6 26.4
 125 8.7 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025
 Supervised By :mohammad ahmed 02/06/2025



#90

Benzo(a)pyrene

Concen: 41.684 ng

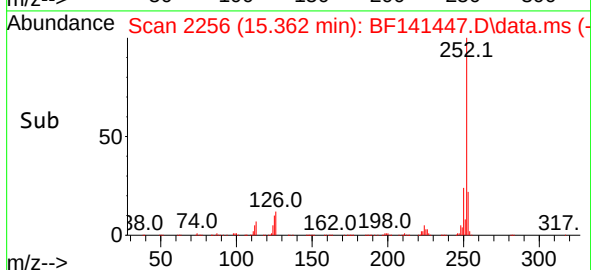
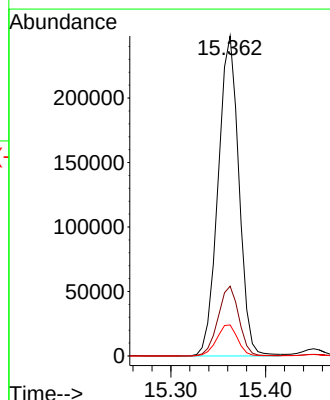
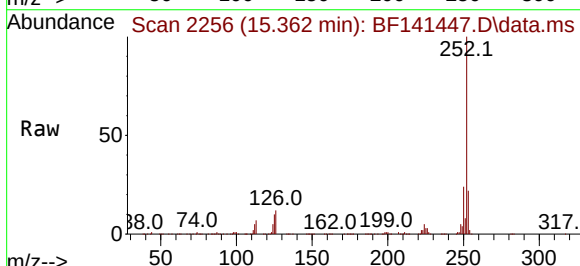
RT: 15.362 min Scan# 2256

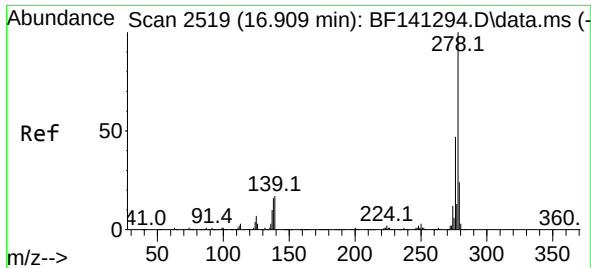
Delta R.T. -0.018 min

Lab File: BF141447.D

Acq: 05 Feb 2025 15:16

Tgt Ion:252 Resp: 378746
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.2 25.8
 125 9.7 9.4 14.2





#91
Dibenzo(a,h)anthracene
Concen: 40.350 ng
RT: 16.886 min Scan# 2515
Delta R.T. -0.035 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

Instrument :

BNA_F

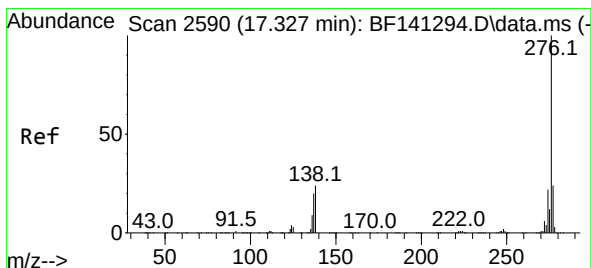
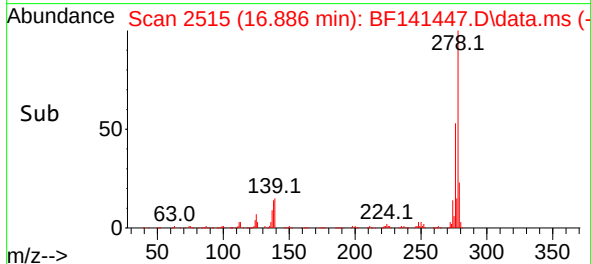
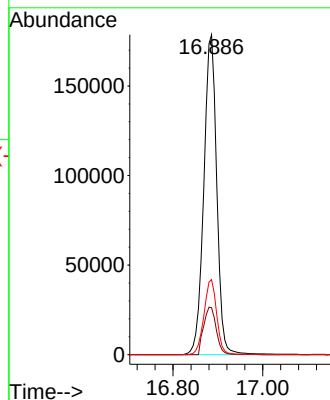
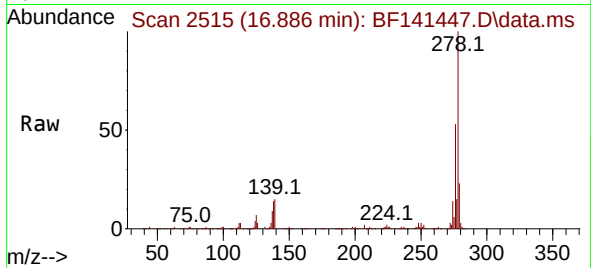
ClientSampleId :

SSTDCCC040

Tgt Ion:278 Resp: 35815
Ion Ratio Lower Upper
278 100
139 14.7 13.9 20.9
279 23.4 18.8 28.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#92
Benzo(g,h,i)perylene
Concen: 40.435 ng
RT: 17.303 min Scan# 2586
Delta R.T. -0.041 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

Tgt Ion:276 Resp: 373186
Ion Ratio Lower Upper
276 100
277 23.5 19.2 28.8
138 18.1 19.0 28.4#

