

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
 Data File : BF141398.D
 Acq On : 04 Feb 2025 10:42
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

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

Quant Time: Feb 04 11:34:05 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	6.793	152	87552	20.000	ng	-0.01
21) Naphthalene-d8	8.075	136	331835	20.000	ng	#-0.01
39) Acenaphthene-d10	9.828	164	180473	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	318826	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	235294	20.000	ng	-0.01
86) Perylene-d12	15.421	264	201713	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	455924	79.945	ng	0.00
7) Phenol-d6	6.434	99	546451	75.322	ng	0.00
23) Nitrobenzene-d5	7.357	82	519110	82.468	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	145841	88.147	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	958786	81.771	ng	-0.01
79) Terphenyl-d14	12.904	244	1129373	74.022	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.440	88	97099	38.714	ng	98
3) Pyridine	3.175	79	222403	36.803	ng	97
4) n-Nitrosodimethylamine	3.122	42	142862m	41.383	ng	
6) Aniline	6.451	93	220322	35.876	ng	# 16
8) 2-Chlorophenol	6.581	128	242879	39.734	ng	96
9) Benzaldehyde	6.340	77	156434	37.226	ng	99
10) Phenol	6.445	94	288967	37.574	ng	# 71
11) bis(2-Chloroethyl)ether	6.528	93	221049	37.487	ng	98
12) 1,3-Dichlorobenzene	6.734	146	262908	39.009	ng	99
13) 1,4-Dichlorobenzene	6.810	146	269514	39.806	ng	100
14) 1,2-Dichlorobenzene	6.963	146	251753	39.708	ng	99
15) Benzyl Alcohol	6.934	79	203978	41.142	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.069	45	369176	36.004	ng	80
17) 2-Methylphenol	7.057	107	188055	37.854	ng	# 92
18) Hexachloroethane	7.304	117	102015	40.842	ng	97
19) n-Nitroso-di-n-propyla...	7.204	70	162661	37.733	ng	100
20) 3+4-Methylphenols	7.210	107	240839	39.483	ng	# 88
22) Acetophenone	7.198	105	326166	41.351	ng	# 98
24) Nitrobenzene	7.375	77	264172	40.497	ng	100
25) Isophorone	7.610	82	426672	39.213	ng	99
26) 2-Nitrophenol	7.692	139	122977	39.973	ng	97
27) 2,4-Dimethylphenol	7.734	122	152342m	38.904	ng	
28) bis(2-Chloroethoxy)met...	7.828	93	267181	38.495	ng	99
29) 2,4-Dichlorophenol	7.939	162	196668	41.025	ng	99
30) 1,2,4-Trichlorobenzene	8.016	180	222442	40.631	ng	99
31) Naphthalene	8.098	128	703917	40.155	ng	100
32) Benzoic acid	7.845	122	152241	42.292	ng	100
33) 4-Chloroaniline	8.151	127	230545	38.783	ng	99
34) Hexachlorobutadiene	8.216	225	137723	42.897	ng	99
35) Caprolactam	8.510	113	62051	39.634	ng	95
36) 4-Chloro-3-methylphenol	8.634	107	215967	42.000	ng	95
37) 2-Methylnaphthalene	8.787	142	453714	40.722	ng	98
38) 1-Methylnaphthalene	8.886	142	443121	40.487	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	211825	41.257	ng	100
41) Hexachlorocyclopentadiene	8.939	237	66678	43.974	ng	100
43) 2,4,6-Trichlorophenol	9.069	196	137805	41.007	ng	99

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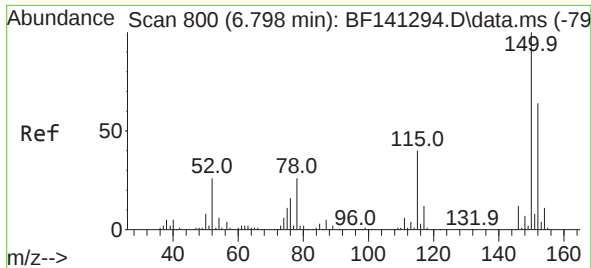
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	152071	41.577	ng	100
46) 1,1'-Biphenyl	9.251	154	564241	40.089	ng	99
47) 2-Chloronaphthalene	9.275	162	436455	39.785	ng	99
48) 2-Nitroaniline	9.375	65	140664	40.764	ng	99
49) Acenaphthylene	9.692	152	619791	40.360	ng	100
50) Dimethylphthalate	9.557	163	494930	40.604	ng	100
51) 2,6-Dinitrotoluene	9.616	165	115835	40.929	ng	98
52) Acenaphthene	9.863	154	453408	41.328	ng	100
53) 3-Nitroaniline	9.786	138	115797	41.746	ng	98
54) 2,4-Dinitrophenol	9.892	184	59519	45.240	ng	92
55) Dibenzofuran	10.033	168	602409	41.022	ng	97
56) 4-Nitrophenol	9.963	139	92908	45.798	ng	96
57) 2,4-Dinitrotoluene	10.022	165	159291	43.471	ng	98
58) Fluorene	10.381	166	471526	41.395	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.157	232	123166	42.803	ng	98
60) Diethylphthalate	10.251	149	495870	41.956	ng	99
61) 4-Chlorophenyl-phenyle...	10.375	204	233902	42.037	ng	100
62) 4-Nitroaniline	10.398	138	123996	45.468	ng	93
63) Azobenzene	10.533	77	475982	40.234	ng	98
65) 4,6-Dinitro-2-methylph...	10.428	198	87646	46.476	ng	97
66) n-Nitrosodiphenylamine	10.492	169	404177	39.195	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	143325	40.154	ng	99
68) Hexachlorobenzene	10.928	284	155137	40.974	ng	99
69) Atrazine	11.022	200	136423	39.568	ng	99
70) Pentachlorophenol	11.128	266	102799	46.366	ng	100
71) Phenanthrene	11.339	178	707114	41.259	ng	99
72) Anthracene	11.392	178	696374	41.470	ng	99
73) Carbazole	11.551	167	655823	44.044	ng	99
74) Di-n-butylphthalate	11.880	149	774119	42.899	ng	100
75) Fluoranthene	12.533	202	790425	46.710	ng	98
77) Benzidine	12.657	184	284455	37.710	ng	99
78) Pyrene	12.763	202	813495	36.018	ng	100
80) Butylbenzylphthalate	13.386	149	325399	41.239	ng	97
81) Benzo(a)anthracene	13.951	228	614138	37.824	ng	99
82) 3,3'-Dichlorobenzidine	13.916	252	193800	37.529	ng	99
83) Chrysene	13.986	228	597592	40.160	ng	100
84) Bis(2-ethylhexyl)phtha...	13.945	149	428215	42.781	ng	98
85) Di-n-octyl phthalate	14.568	149	666025	42.840	ng	99
87) Indeno(1,2,3-cd)pyrene	16.868	276	539887	41.469	ng	97
88) Benzo(b)fluoranthene	15.004	252	541045	42.641	ng	99
89) Benzo(k)fluoranthene	15.027	252	459921	40.917	ng	99
90) Benzo(a)pyrene	15.363	252	432427	40.330	ng	98
91) Dibenzo(a,h)anthracene	16.886	278	430740	41.123	ng	98
92) Benzo(g,h,i)perylene	17.304	276	448843	41.212	ng	96

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

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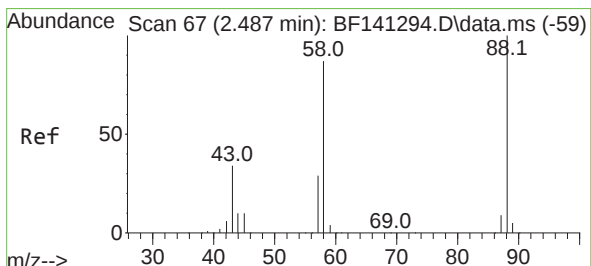
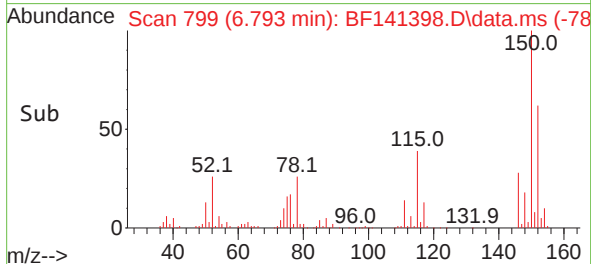
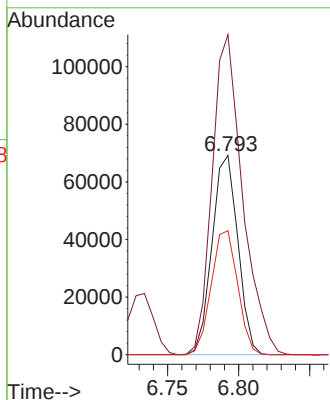
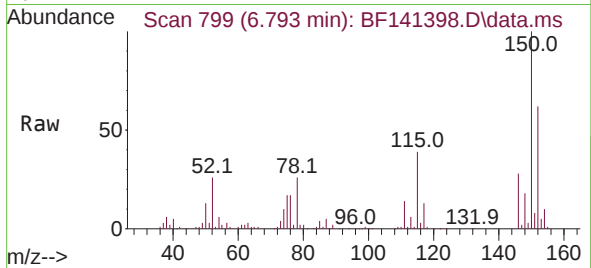
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF141398.D
Acq: 04 Feb 2025 10:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 87552
Ion Ratio Lower Upper
152 100
150 160.6 125.9 188.9
115 62.3 49.7 74.5

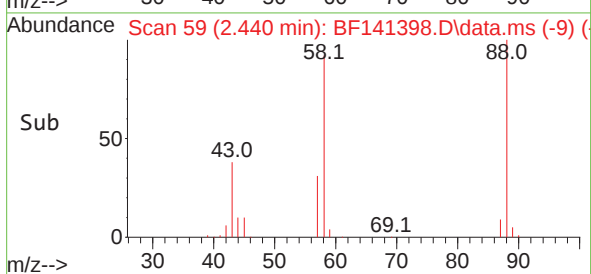
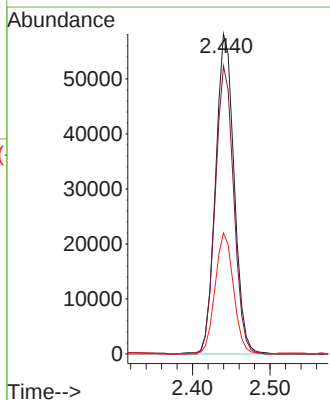
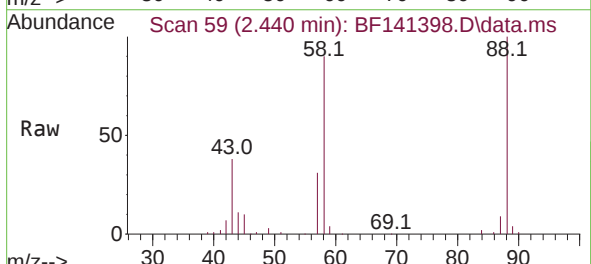
Manual Integrations
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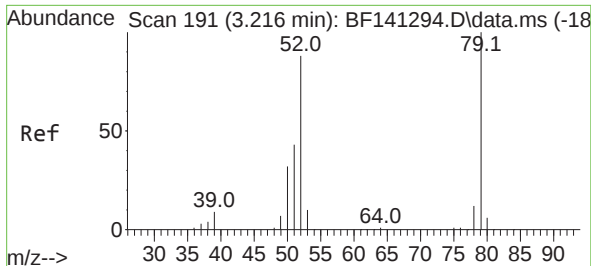
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#2
1,4-Dioxane
Concen: 38.714 ng
RT: 2.440 min Scan# 59
Delta R.T. -0.053 min
Lab File: BF141398.D
Acq: 04 Feb 2025 10:42

Tgt Ion: 88 Resp: 97099
Ion Ratio Lower Upper
88 100
58 89.1 70.2 105.4
43 37.5 27.6 41.4





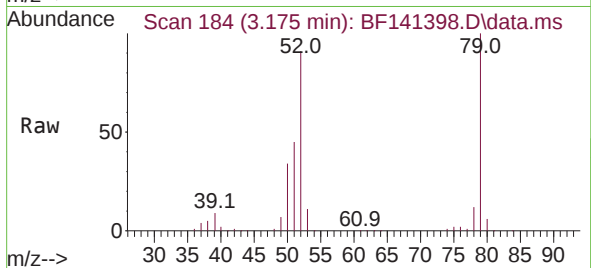
#3
Pyridine
Concen: 36.803 ng
RT: 3.175 min Scan# 11
Delta R.T. -0.053 min
Lab File: BF141398.D
Acq: 04 Feb 2025 10:42

Instrument :

BNA_F

ClientSampleId :

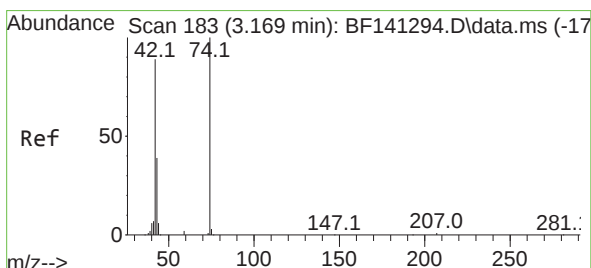
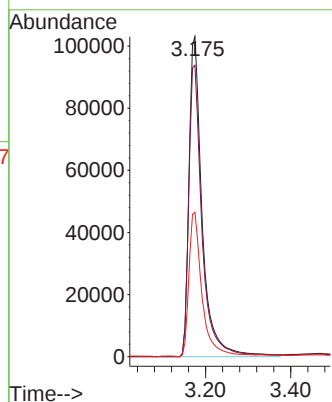
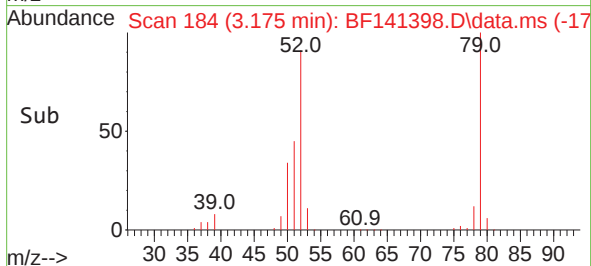
SSTDCCC040



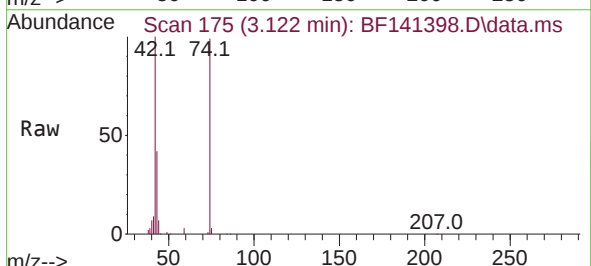
Tgt Ion: 79 Resp: 22240
Ion Ratio Lower Upper
79 100
52 91.1 70.3 105.5
51 45.1 34.3 51.5

Manual Integrations
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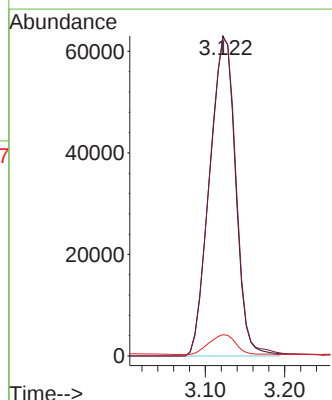
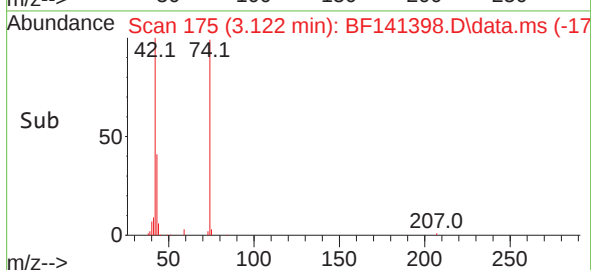
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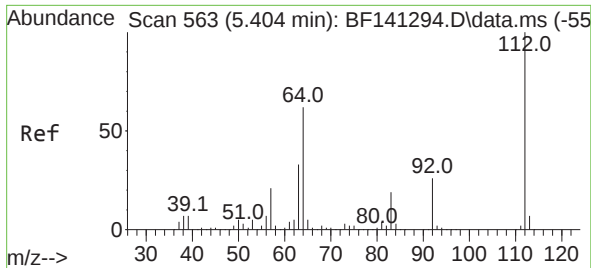


#4
n-Nitrosodimethylamine
Concen: 41.383 ng m
RT: 3.122 min Scan# 175
Delta R.T. -0.077 min
Lab File: BF141398.D
Acq: 04 Feb 2025 10:42



Tgt Ion: 42 Resp: 142862
Ion Ratio Lower Upper
42 100
74 99.4 90.3 135.5
44 6.7 5.7 8.5





#5
2-Fluorophenol
Concen: 79.945 ng
RT: 5.404 min Scan# 50
Delta R.T. -0.006 min
Lab File: BF141398.D
Acq: 04 Feb 2025 10:42

Instrument :

BNA_F

ClientSampleId :

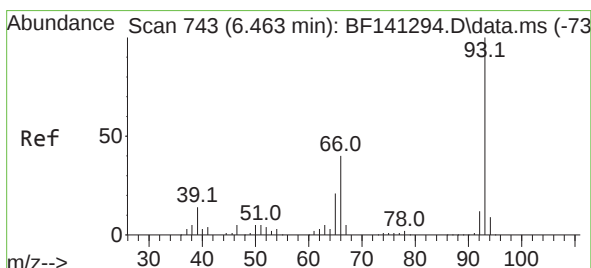
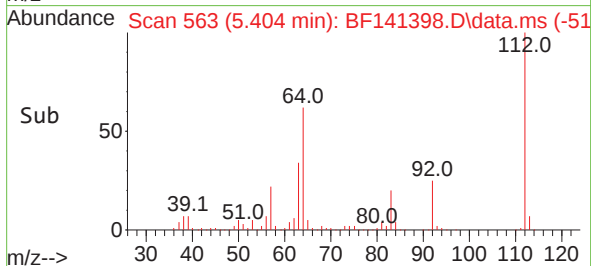
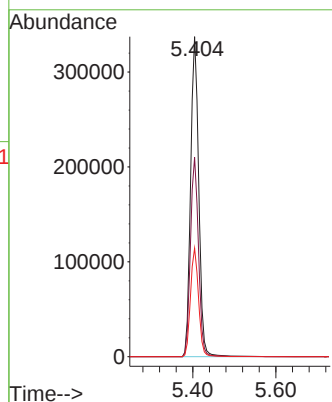
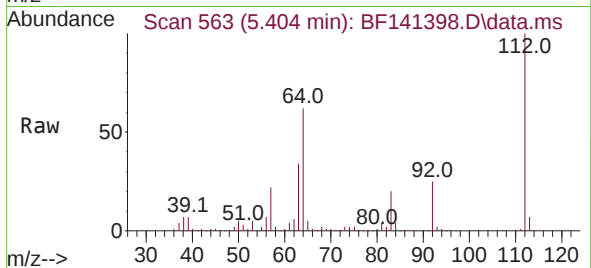
SSTDCCC040

Tgt Ion:112 Resp: 455924
Ion Ratio Lower Upper
112 100
64 62.3 49.8 74.8
63 33.9 26.1 39.1

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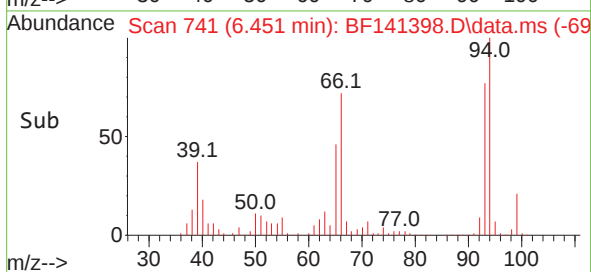
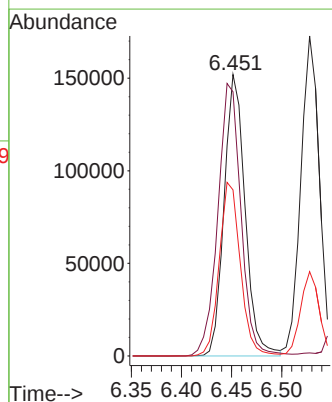
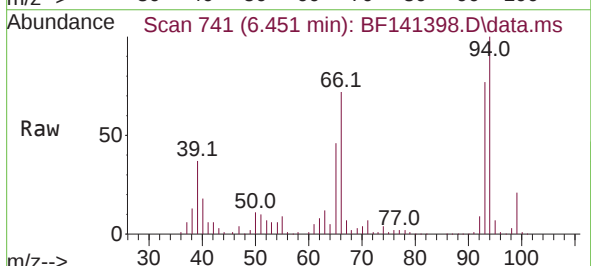
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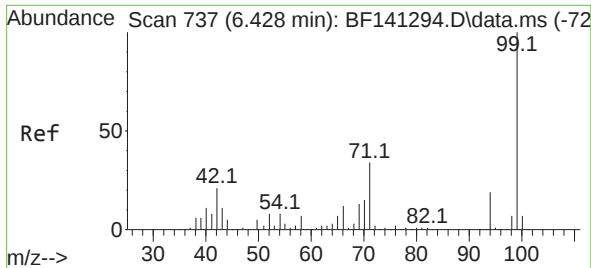
Reviewed By :Yogesh Patel 02/05/2025
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#6
Aniline
Concen: 35.876 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.018 min
Lab File: BF141398.D
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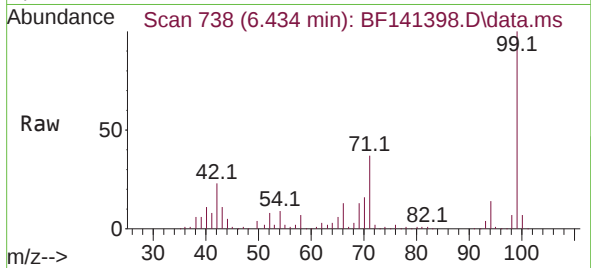
Tgt Ion: 93 Resp: 220322
Ion Ratio Lower Upper
93 100
66 93.9 32.5 48.7#
65 59.0 17.0 25.6#





#7
Phenol-d6
Concen: 75.322 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141398.D
Acq: 04 Feb 2025 10:42

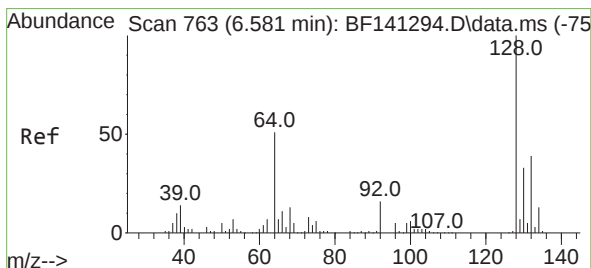
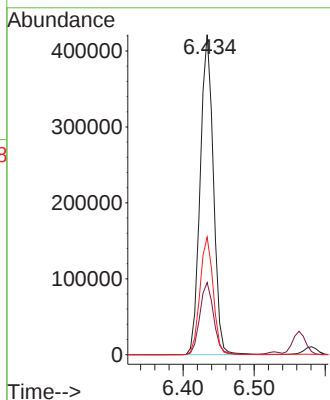
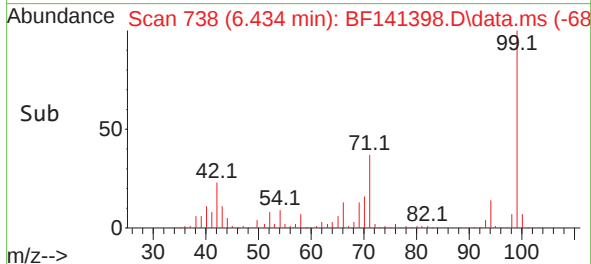
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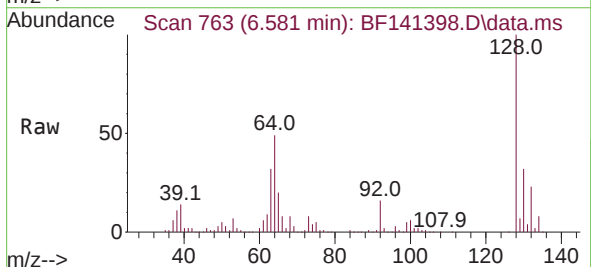
Tgt Ion: 99 Resp: 54645
Ion Ratio Lower Upper
99 100
42 22.5 17.1 25.7
71 36.7 26.9 40.3

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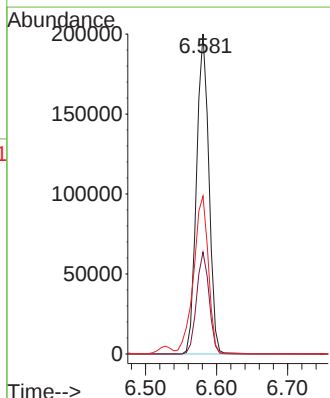
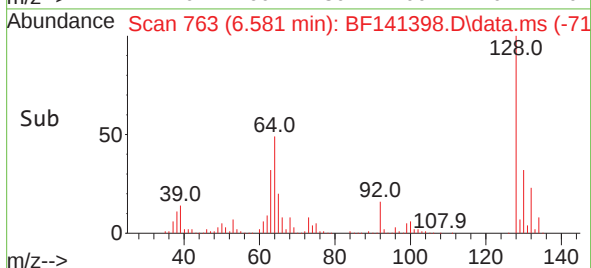
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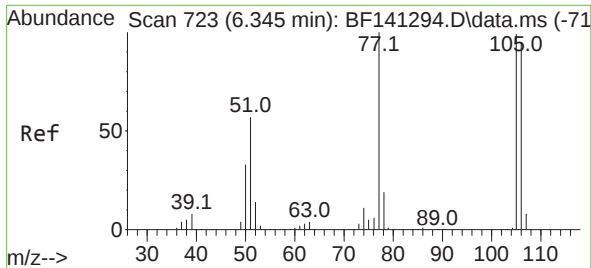


#8
2-Chlorophenol
Concen: 39.734 ng
RT: 6.581 min Scan# 763
Delta R.T. -0.012 min
Lab File: BF141398.D
Acq: 04 Feb 2025 10:42



Tgt Ion:128 Resp: 242879
Ion Ratio Lower Upper
128 100
130 31.8 12.5 52.5
64 49.3 32.9 72.9





#9
Benzaldehyde
Concen: 37.226 ng
RT: 6.340 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141398.D
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Instrument :

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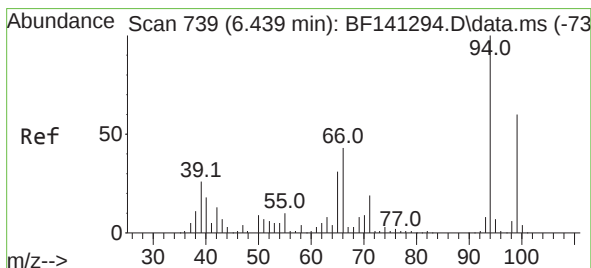
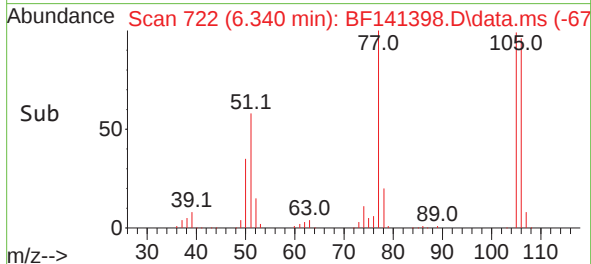
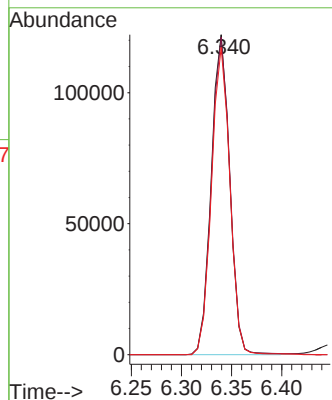
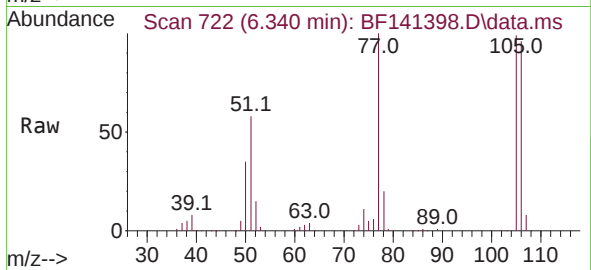
SSTDCCC040

Tgt Ion: 77 Resp: 156434
Ion Ratio Lower Upper
77 100
105 99.2 79.4 119.4
106 96.0 74.6 114.6

Manual Integrations

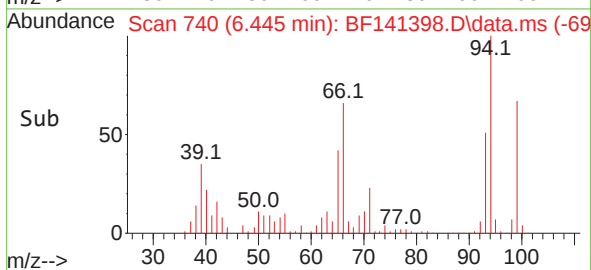
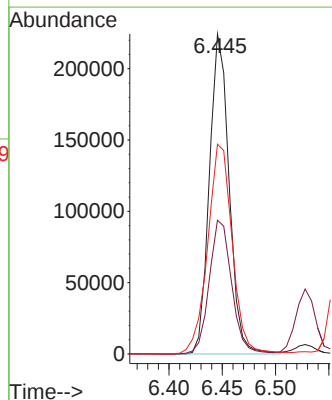
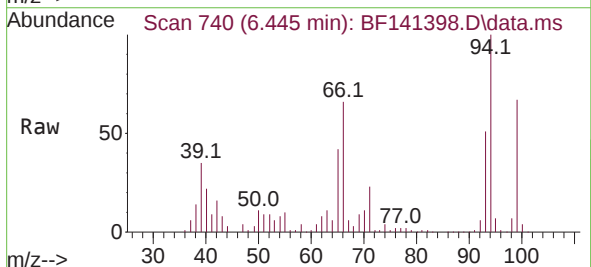
APPROVED

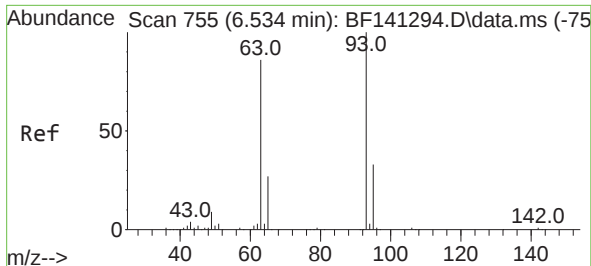
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#10
Phenol
Concen: 37.574 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF141398.D
Acq: 04 Feb 2025 10:42

Tgt Ion: 94 Resp: 288967
Ion Ratio Lower Upper
94 100
65 41.8 10.8 50.8
66 65.6 23.3 63.3#





#11

bis(2-Chloroethyl)ether

Concen: 37.487 ng

RT: 6.528 min Scan# 754

Delta R.T. -0.018 min

Lab File: BF141398.D

Acq: 04 Feb 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 93 Resp: 221049

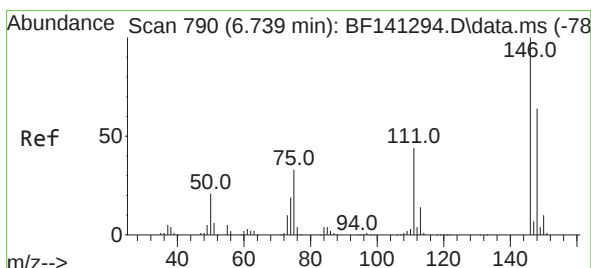
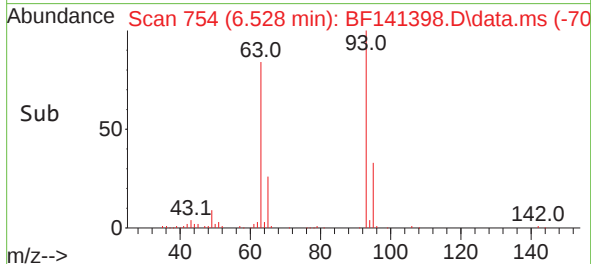
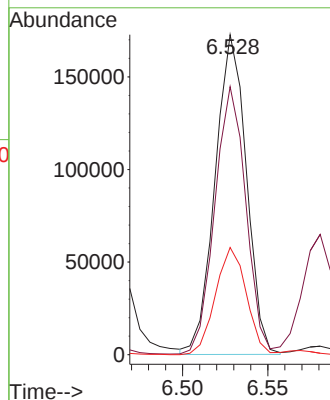
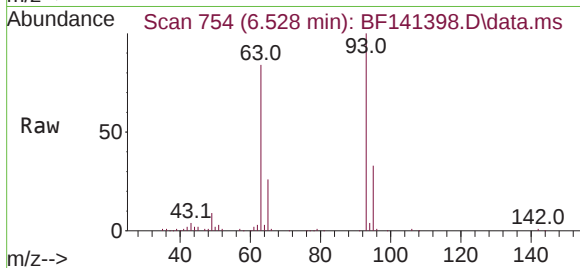
Ion	Ratio	Lower	Upper
93	100		
63	83.7	65.0	105.0
95	33.5	12.4	52.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/05/2025

Supervised By :mohammad ahmed 02/05/2025



#12

1,3-Dichlorobenzene

Concen: 39.009 ng

RT: 6.734 min Scan# 789

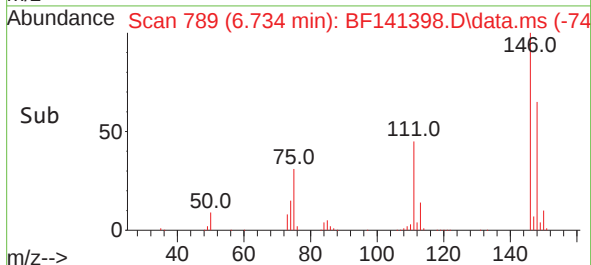
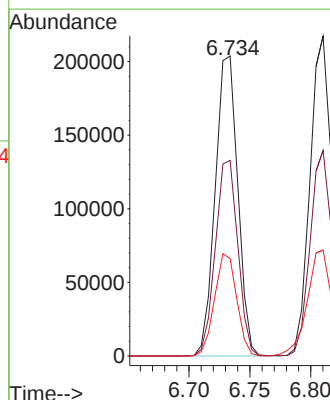
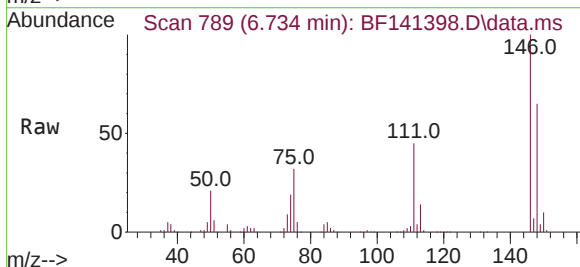
Delta R.T. -0.012 min

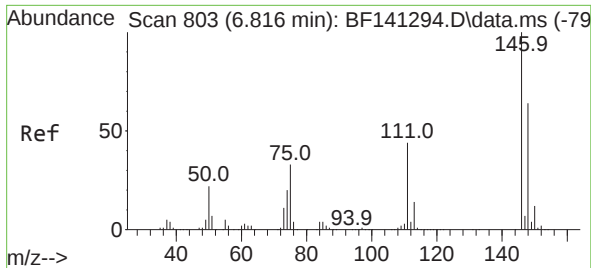
Lab File: BF141398.D

Acq: 04 Feb 2025 10:42

Tgt Ion:146 Resp: 262908

Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.2	76.8
75	32.5	26.2	39.4





#13
1,4-Dichlorobenzene
Concen: 39.806 ng
RT: 6.810 min Scan# 803
Delta R.T. -0.012 min
Lab File: BF141398.D
Acq: 04 Feb 2025 10:42

Instrument :

BNA_F

ClientSampleId :

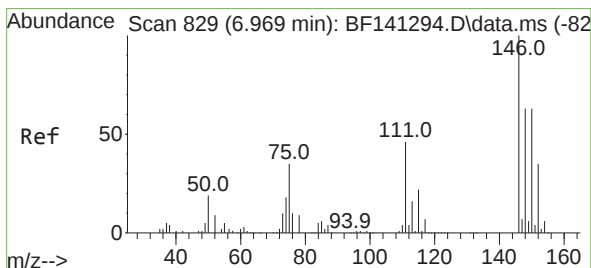
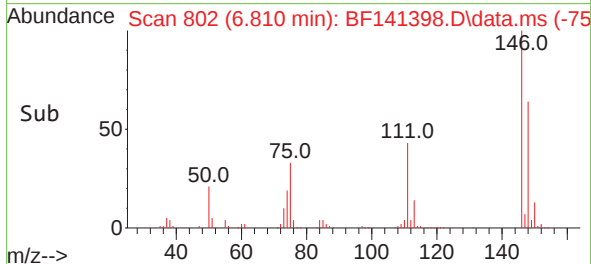
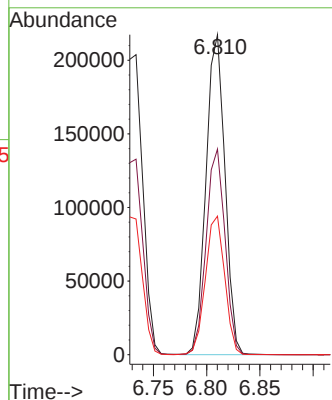
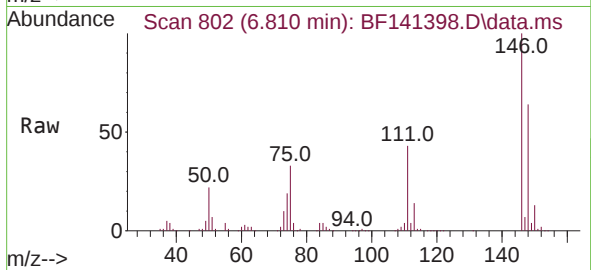
SSTDCCC040

Tgt Ion:146 Resp: 269514
Ion Ratio Lower Upper
146 100
148 64.2 51.2 76.8
111 43.3 35.0 52.4

Manual Integrations

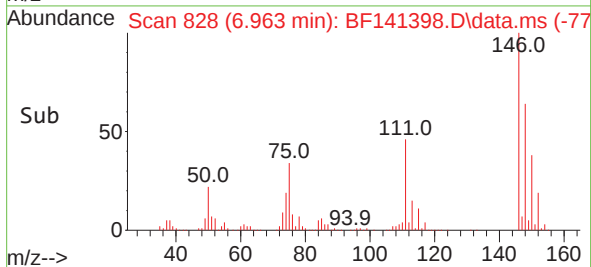
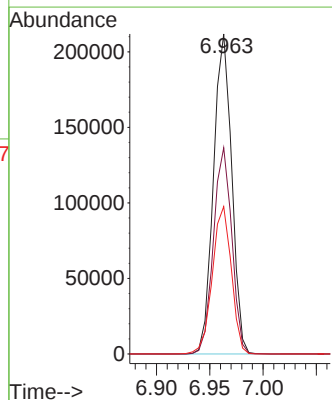
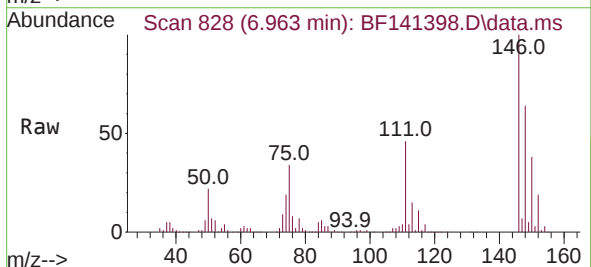
APPROVED

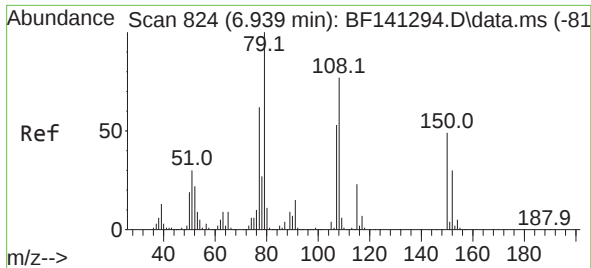
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#14
1,2-Dichlorobenzene
Concen: 39.708 ng
RT: 6.963 min Scan# 828
Delta R.T. -0.012 min
Lab File: BF141398.D
Acq: 04 Feb 2025 10:42

Tgt Ion:146 Resp: 251753
Ion Ratio Lower Upper
146 100
148 64.4 50.5 75.7
111 46.1 36.6 55.0





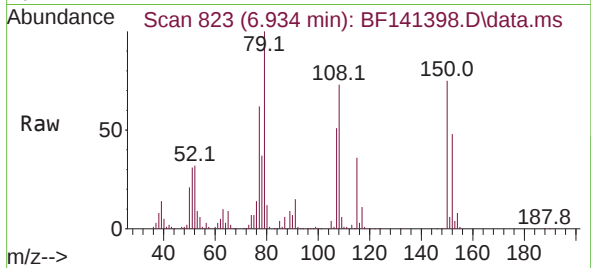
#15
Benzyl Alcohol
Concen: 41.142 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141398.D
Acq: 04 Feb 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

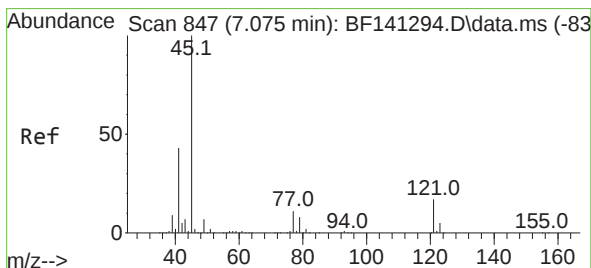
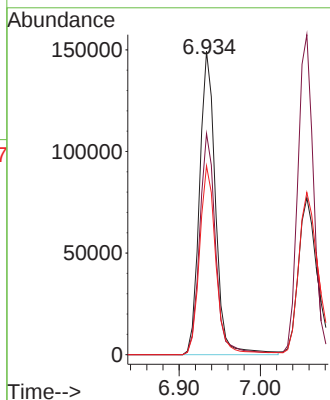
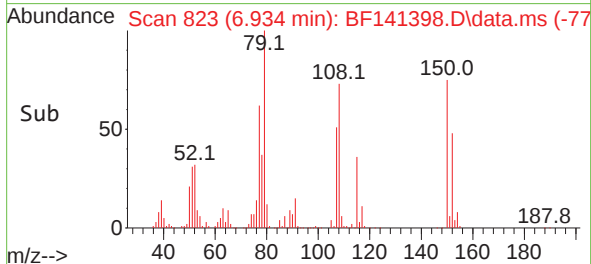


Tgt Ion: 79 Resp: 203978
Ion Ratio Lower Upper
79 100
108 72.9 61.4 92.0
77 62.3 49.9 74.9

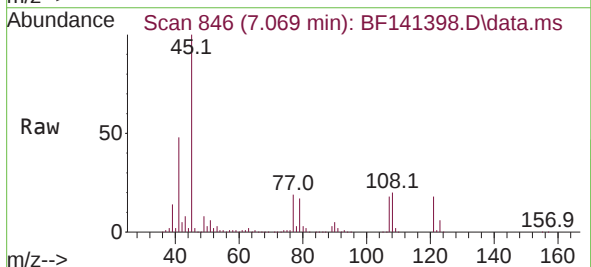
Manual Integrations

APPROVED

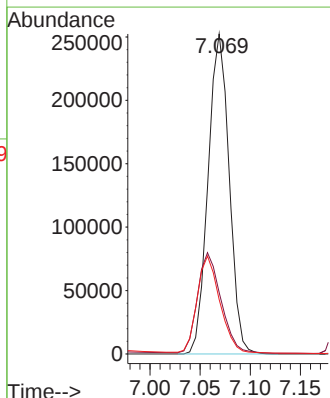
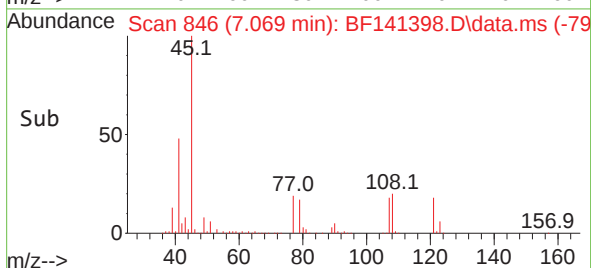
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

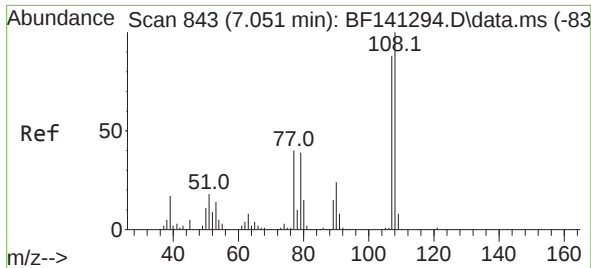


#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.004 ng
RT: 7.069 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF141398.D
Acq: 04 Feb 2025 10:42



Tgt Ion: 45 Resp: 369176
Ion Ratio Lower Upper
45 100
77 19.2 0.0 31.8
79 17.0 0.0 29.1





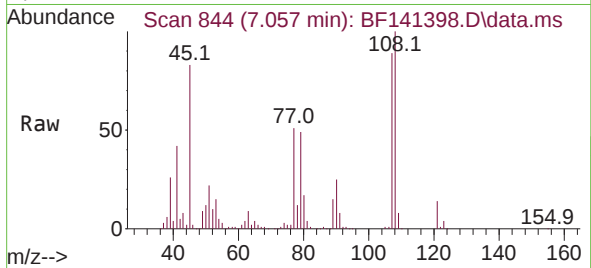
#17
2-Methylphenol
Concen: 37.854 ng
RT: 7.057 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF141398.D
Acq: 04 Feb 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

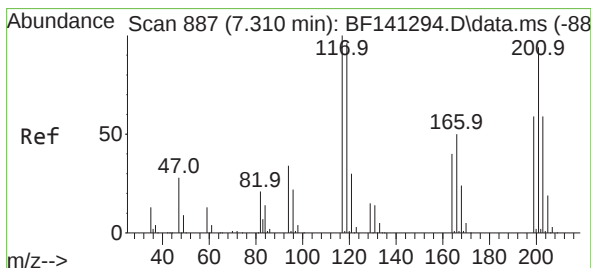
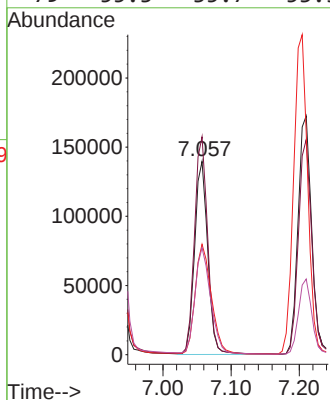
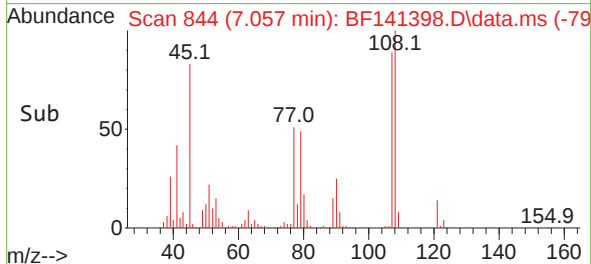


Tgt Ion:107 Resp: 18805
Ion Ratio Lower Upper
107 100
108 112.7 90.8 136.2
77 57.1 36.2 54.4
79 55.3 35.7 53.5#

Manual Integrations

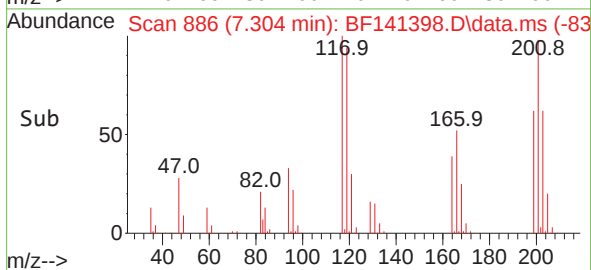
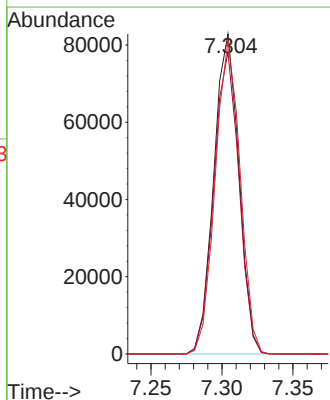
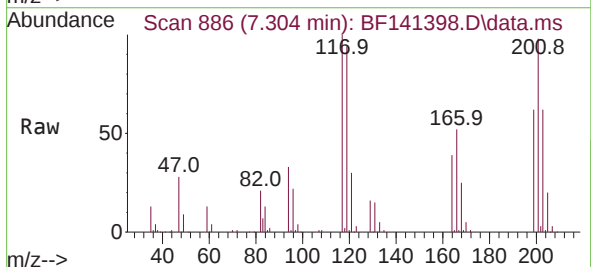
APPROVED

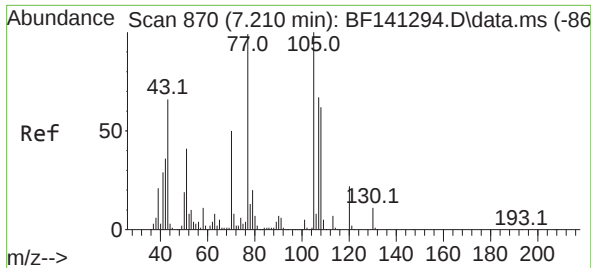
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#18
Hexachloroethane
Concen: 40.842 ng
RT: 7.304 min Scan# 886
Delta R.T. -0.012 min
Lab File: BF141398.D
Acq: 04 Feb 2025 10:42

Tgt Ion:117 Resp: 102015
Ion Ratio Lower Upper
117 100
119 94.4 76.6 114.8
201 97.9 74.8 112.2





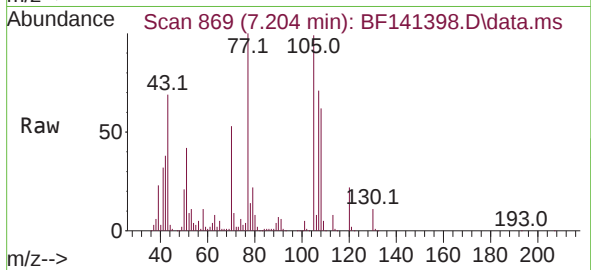
#19
n-Nitroso-di-n-propylamine
Concen: 37.733 ng
RT: 7.204 min Scan# 80
Delta R.T. -0.024 min
Lab File: BF141398.D
Acq: 04 Feb 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

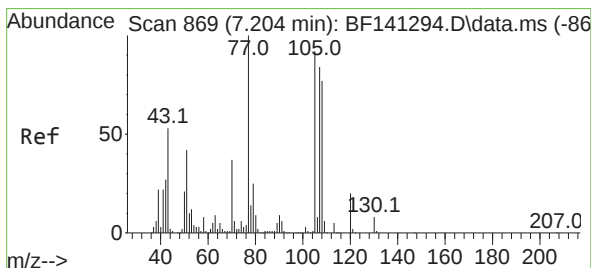
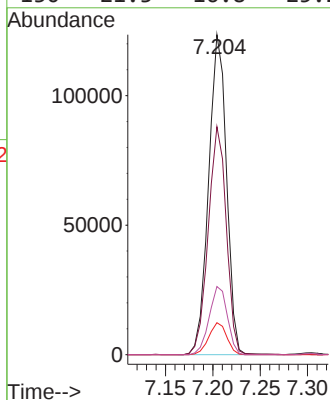
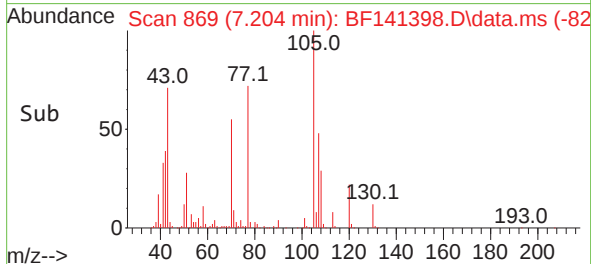


Tgt Ion: 70 Resp: 16266
Ion Ratio Lower Upper
70 100
42 71.2 56.8 85.2
101 10.0 7.7 11.5
130 21.3 16.8 25.2

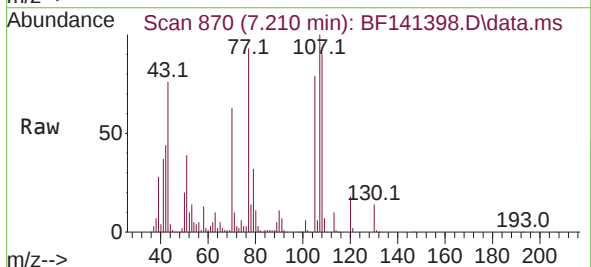
Manual Integrations

APPROVED

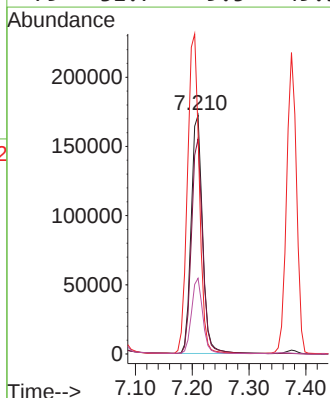
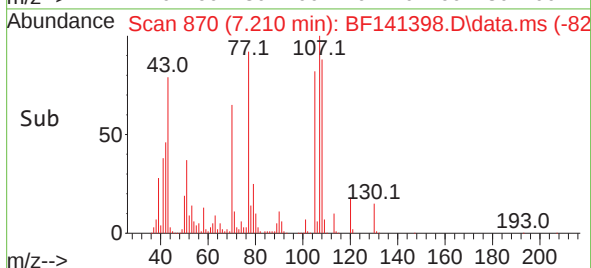
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

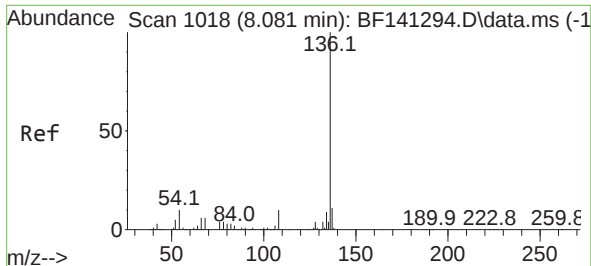


#20
3+4-Methylphenols
Concen: 39.483 ng
RT: 7.210 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF141398.D
Acq: 04 Feb 2025 10:42



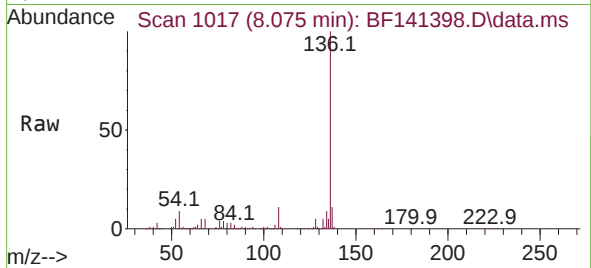
Tgt Ion:107 Resp: 240839
Ion Ratio Lower Upper
107 100
108 90.0 70.9 110.9
77 93.0 98.5 138.5#
79 31.7 9.5 49.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BF141398.D
Acq: 04 Feb 2025 10:42

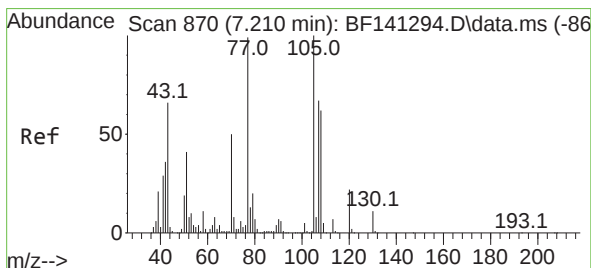
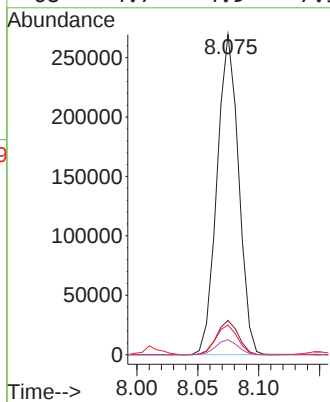
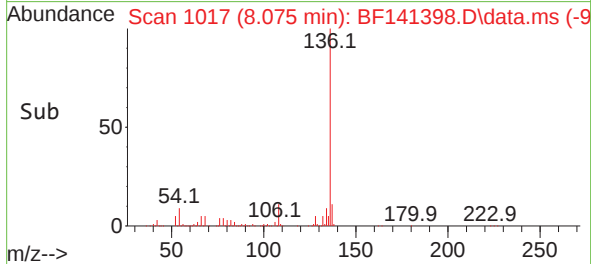
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:136 Resp: 33183
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 9.2 7.8 11.8
68 4.7 4.9 7.3#

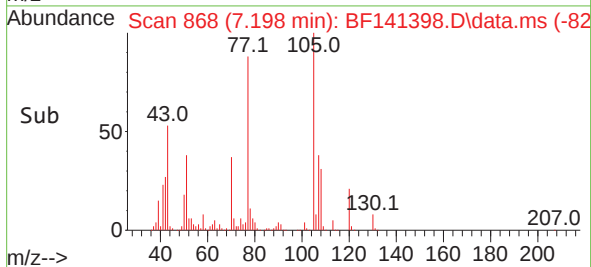
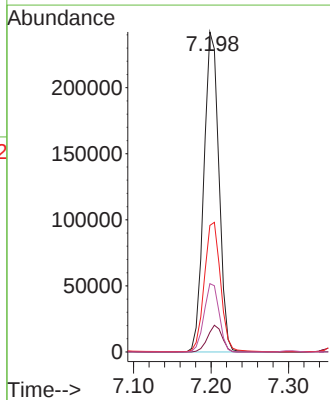
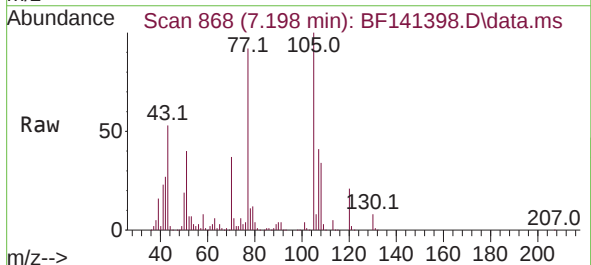
Manual Integrations
APPROVED

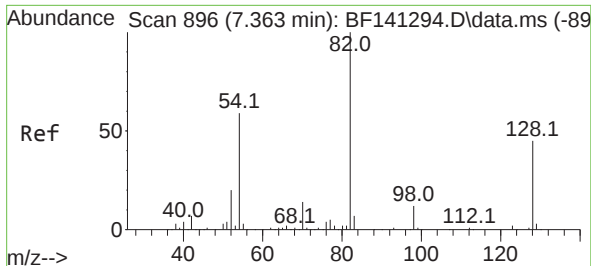
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#22
Acetophenone
Concen: 41.351 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.018 min
Lab File: BF141398.D
Acq: 04 Feb 2025 10:42

Tgt Ion:105 Resp: 326166
Ion Ratio Lower Upper
105 100
71 6.2 6.8 10.2#
51 39.6 32.6 49.0
120 21.4 17.4 26.0





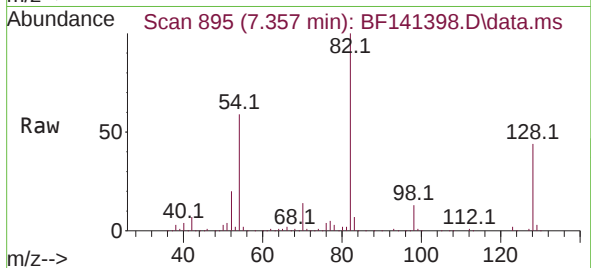
#23
Nitrobenzene-d5
Concen: 82.468 ng
RT: 7.357 min Scan# 895
Delta R.T. -0.012 min
Lab File: BF141398.D
Acq: 04 Feb 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

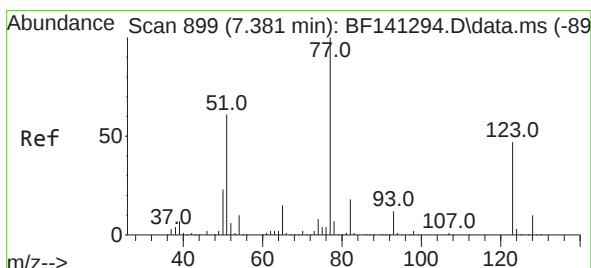
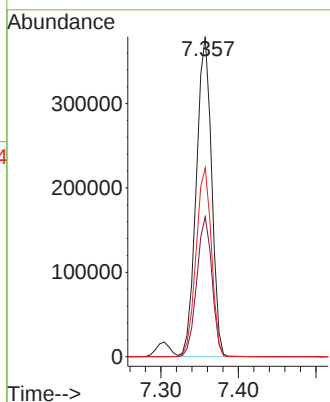
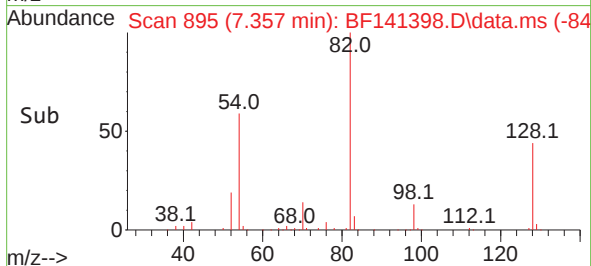


Tgt Ion: 82 Resp: 519110
Ion Ratio Lower Upper
82 100
128 43.7 35.7 53.5
54 59.0 47.1 70.7

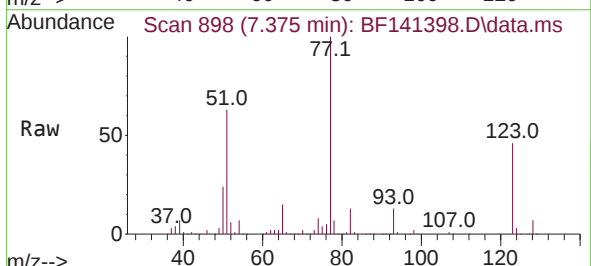
Manual Integrations

APPROVED

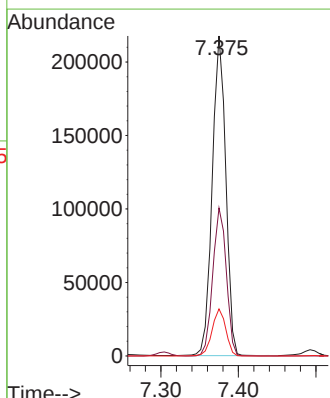
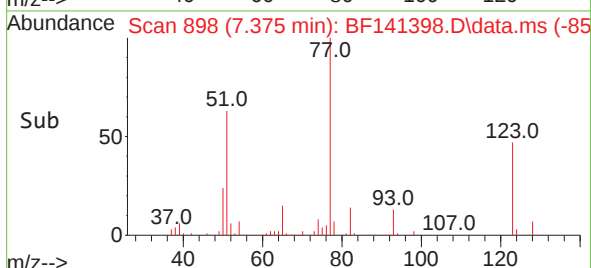
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

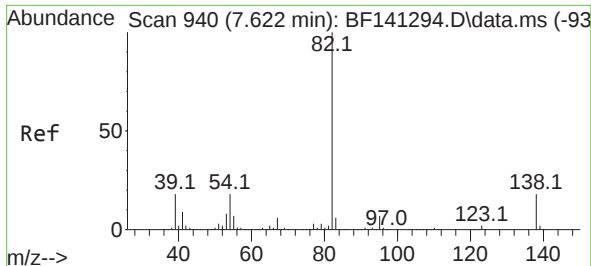


#24
Nitrobenzene
Concen: 40.497 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.018 min
Lab File: BF141398.D
Acq: 04 Feb 2025 10:42



Tgt Ion: 77 Resp: 264172
Ion Ratio Lower Upper
77 100
123 46.3 37.3 55.9
65 14.7 11.8 17.6





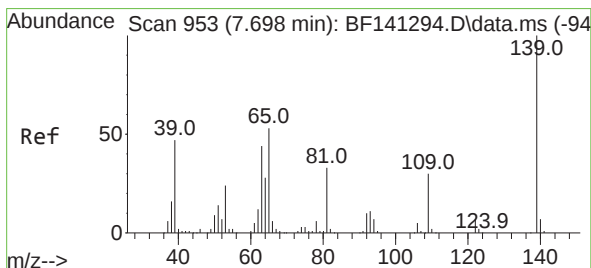
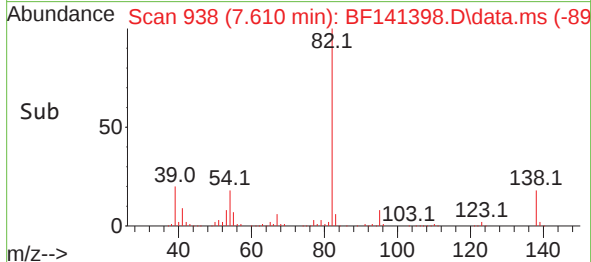
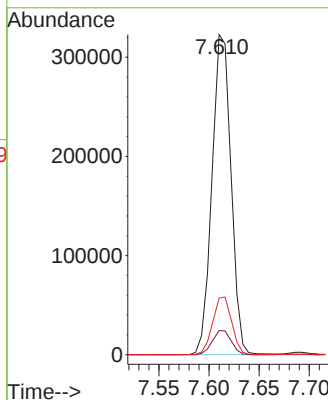
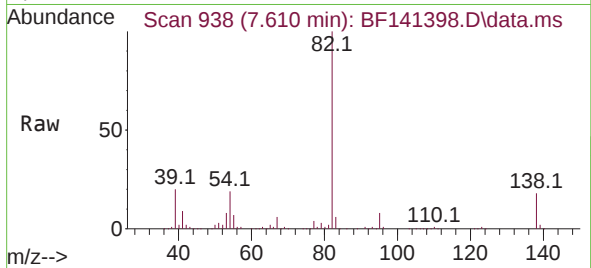
#25
Isophorone
Concen: 39.213 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF141398.D
Acq: 04 Feb 2025 10:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 426672
Ion Ratio Lower Upper
82 100
95 7.5 5.8 8.6
138 17.7 14.7 22.1

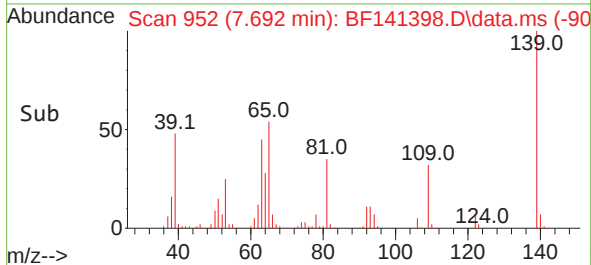
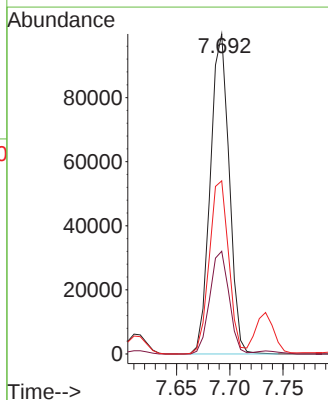
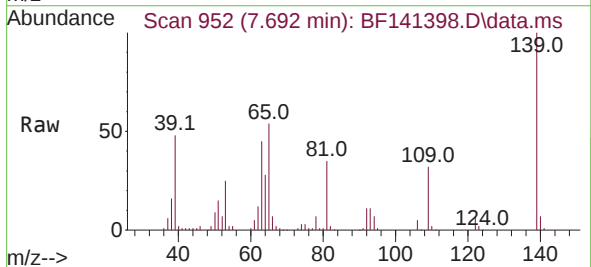
Manual Integrations
APPROVED

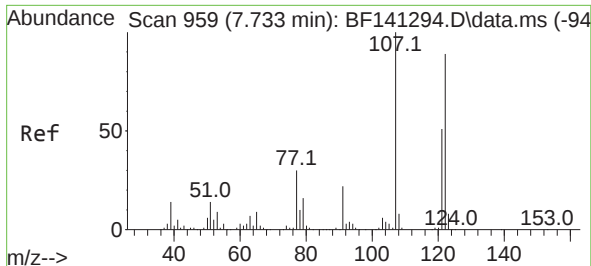
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#26
2-Nitrophenol
Concen: 39.973 ng
RT: 7.692 min Scan# 952
Delta R.T. -0.012 min
Lab File: BF141398.D
Acq: 04 Feb 2025 10:42

Tgt Ion:139 Resp: 122977
Ion Ratio Lower Upper
139 100
109 32.1 23.8 35.6
65 54.1 42.2 63.4





#27

2,4-Dimethylphenol

Concen: 38.904 ng m

RT: 7.734 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF141398.D

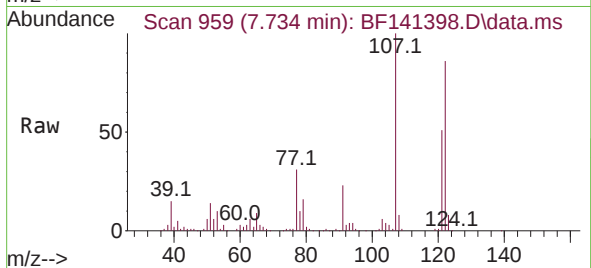
Acq: 04 Feb 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



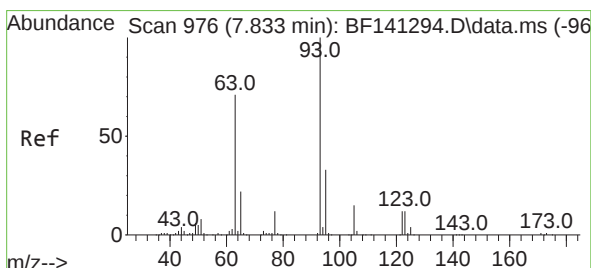
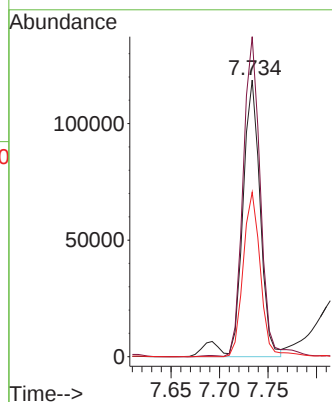
Tgt Ion:	122	Resp:	15234
Ion Ratio	Lower	Upper	
122	100		
107	115.7	89.9	134.9
121	59.5	46.1	69.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/05/2025

Supervised By :mohammad ahmed 02/05/2025



#28

bis(2-Chloroethoxy)methane

Concen: 38.495 ng

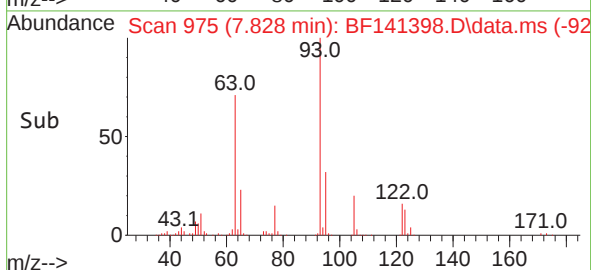
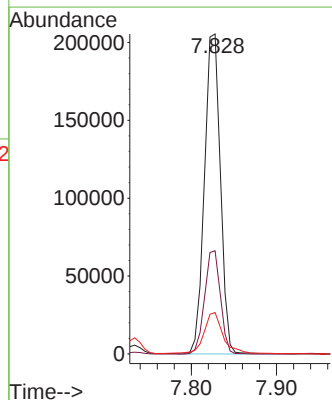
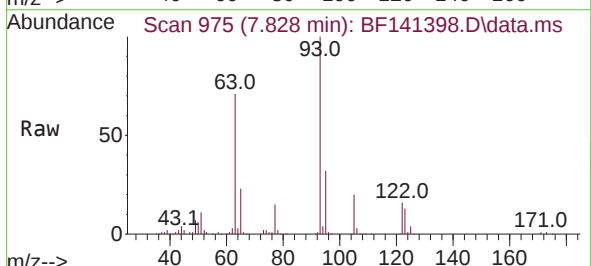
RT: 7.828 min Scan# 975

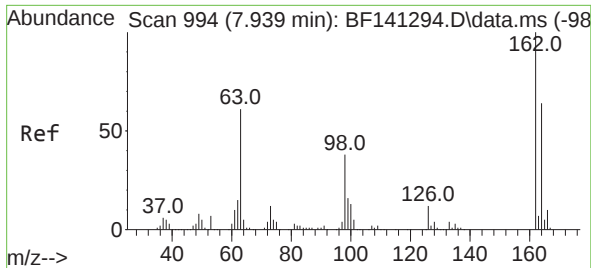
Delta R.T. -0.012 min

Lab File: BF141398.D

Acq: 04 Feb 2025 10:42

Tgt Ion:	93	Resp:	267181
Ion Ratio	Lower	Upper	
93	100		
95	32.2	26.2	39.2
123	13.0	10.2	15.4





#29

2,4-Dichlorophenol

Concen: 41.025 ng

RT: 7.939 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF141398.D

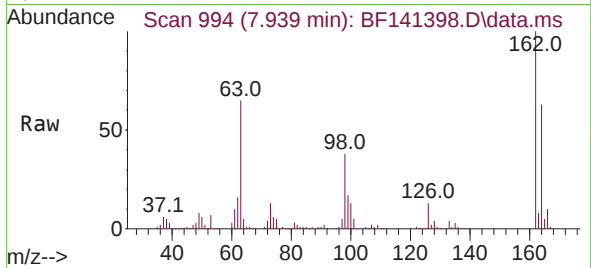
Acq: 04 Feb 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:162 Resp: 196668

Ion Ratio Lower Upper

162 100

164 63.5 44.2 84.2

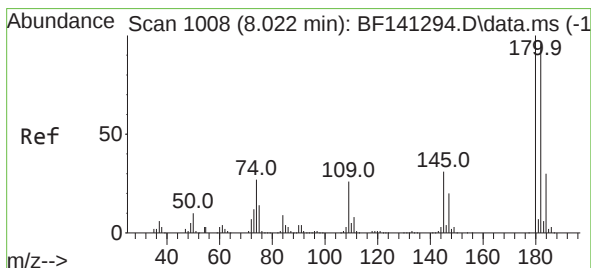
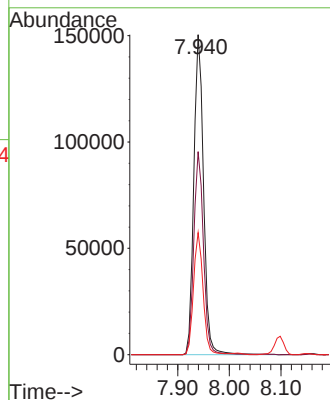
98 38.2 18.2 58.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/05/2025

Supervised By :mohammad ahmed 02/05/2025



#30

1,2,4-Trichlorobenzene

Concen: 40.631 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.012 min

Lab File: BF141398.D

Acq: 04 Feb 2025 10:42

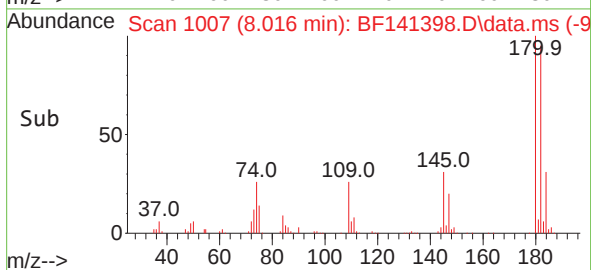
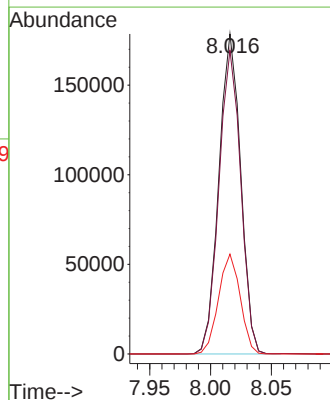
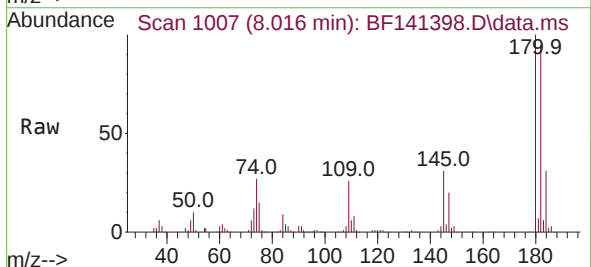
Tgt Ion:180 Resp: 222442

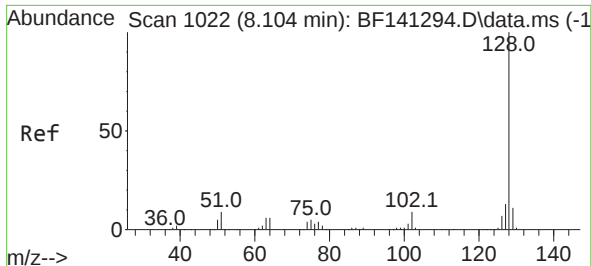
Ion Ratio Lower Upper

180 100

182 94.9 76.4 114.6

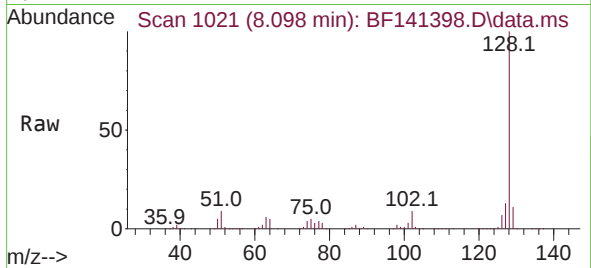
145 31.2 24.9 37.3





#31
Naphthalene
Concen: 40.155 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF141398.D
Acq: 04 Feb 2025 10:42

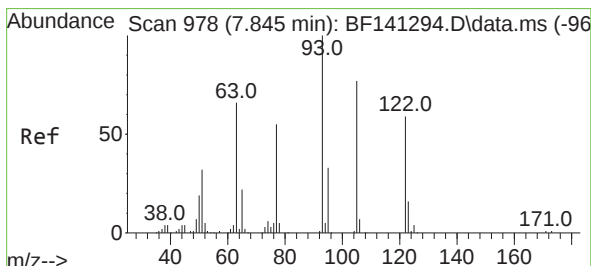
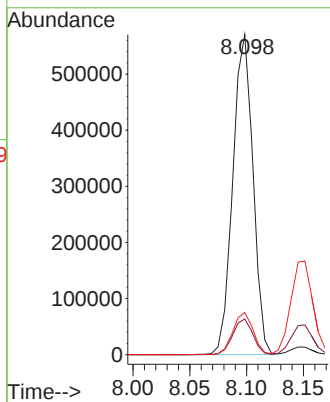
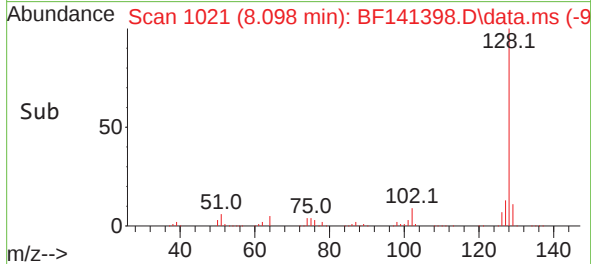
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:128 Resp: 70391
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.2 10.6 15.8

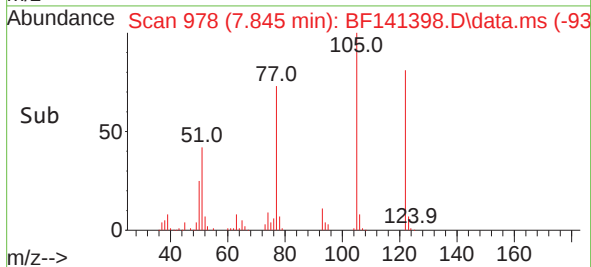
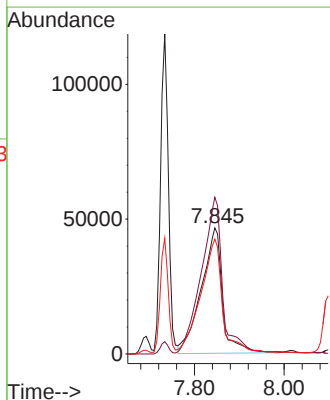
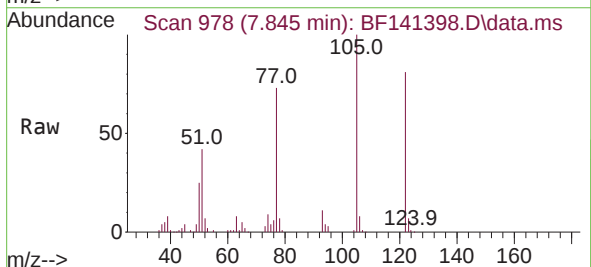
Manual Integrations
APPROVED

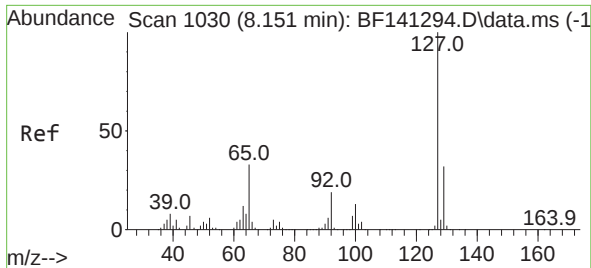
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#32
Benzoic acid
Concen: 42.292 ng
RT: 7.845 min Scan# 978
Delta R.T. -0.035 min
Lab File: BF141398.D
Acq: 04 Feb 2025 10:42

Tgt Ion:122 Resp: 152241
Ion Ratio Lower Upper
122 100
105 124.2 103.4 143.4
77 91.1 70.9 110.9





#33
4-Chloroaniline
Concen: 38.783 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF141398.D
Acq: 04 Feb 2025 10:42

Instrument :

BNA_F

ClientSampleId :

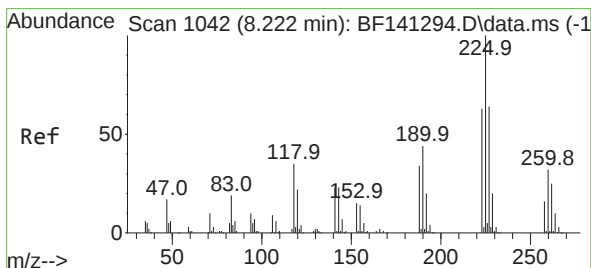
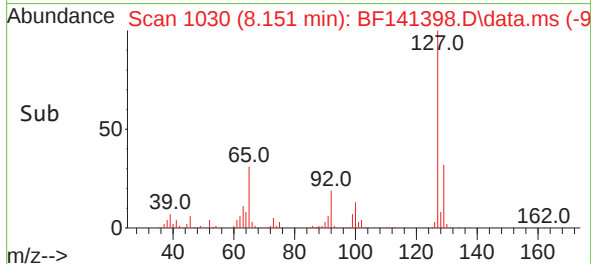
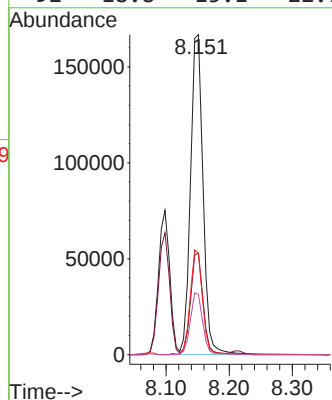
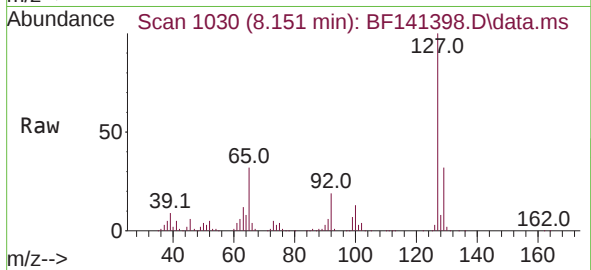
SSTDCCC040

Tgt Ion:127 Resp: 23054
Ion Ratio Lower Upper
127 100
129 31.7 25.7 38.5
65 31.7 26.4 39.6
92 18.8 15.1 22.7

Manual Integrations

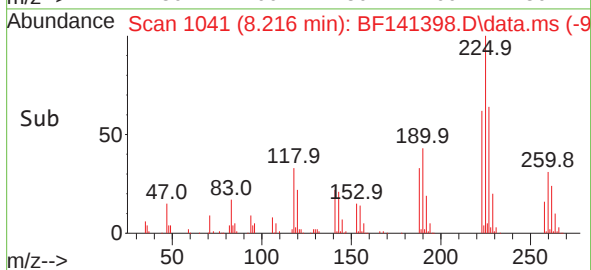
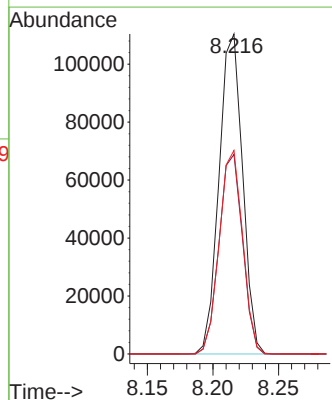
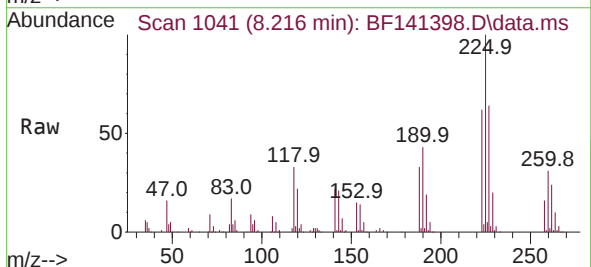
APPROVED

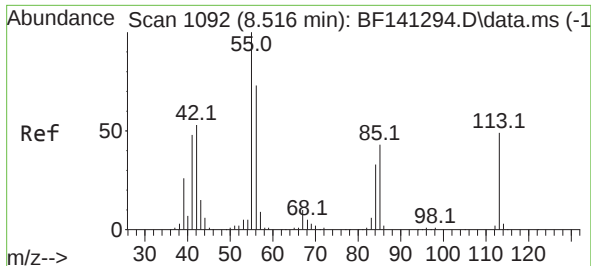
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#34
Hexachlorobutadiene
Concen: 42.897 ng
RT: 8.216 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF141398.D
Acq: 04 Feb 2025 10:42

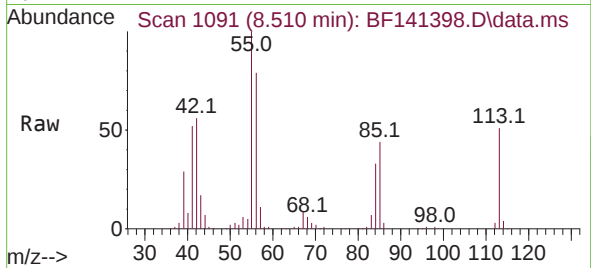
Tgt Ion:225 Resp: 137723
Ion Ratio Lower Upper
225 100
223 62.3 50.4 75.6
227 63.6 51.3 76.9





#35
 Caprolactam
 Concen: 39.634 ng
 RT: 8.510 min Scan# 1092
 Delta R.T. -0.035 min
 Lab File: BF141398.D
 Acq: 04 Feb 2025 10:42

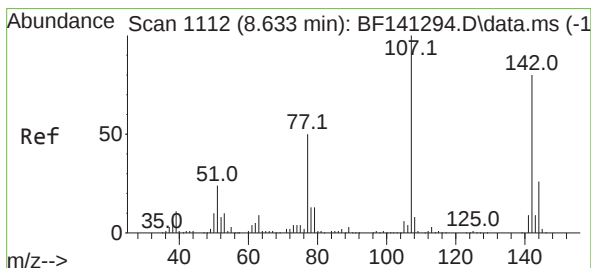
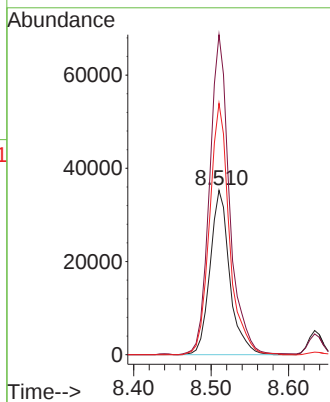
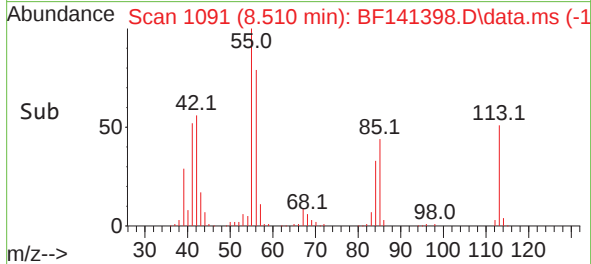
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



Tgt Ion:113 Resp: 6205
 Ion Ratio Lower Upper
 113 100
 55 194.6 182.9 222.9
 56 152.9 127.9 167.9

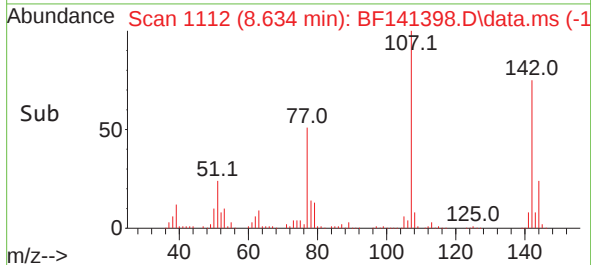
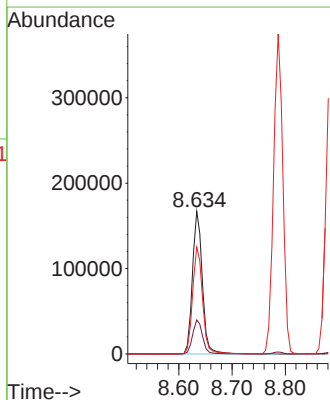
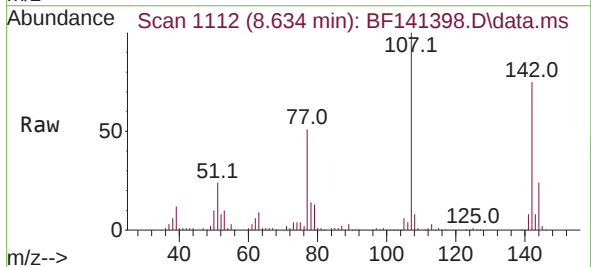
Manual Integrations
 APPROVED

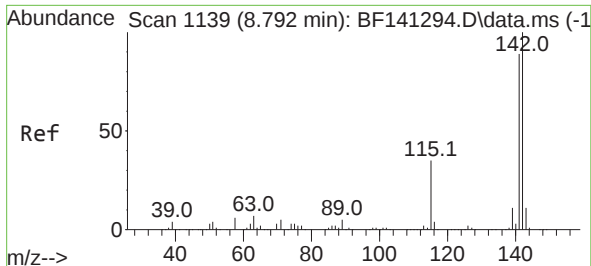
Reviewed By :Yogesh Patel 02/05/2025
 Supervised By :mohammad ahmed 02/05/2025



#36
 4-Chloro-3-methylphenol
 Concen: 42.000 ng
 RT: 8.634 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF141398.D
 Acq: 04 Feb 2025 10:42

Tgt Ion:107 Resp: 215967
 Ion Ratio Lower Upper
 107 100
 144 23.9 20.7 31.1
 142 75.0 63.8 95.8





#37
2-Methylnaphthalene
Concen: 40.722 ng
RT: 8.787 min Scan# 1138
Delta R.T. -0.012 min
Lab File: BF141398.D
Acq: 04 Feb 2025 10:42

Instrument :

BNA_F

ClientSampleId :

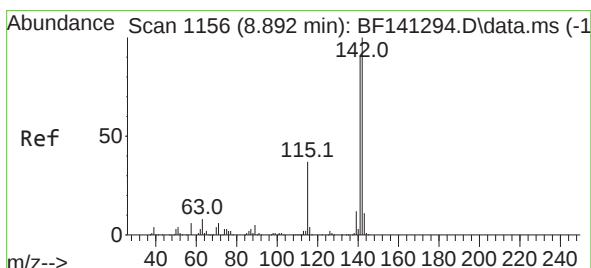
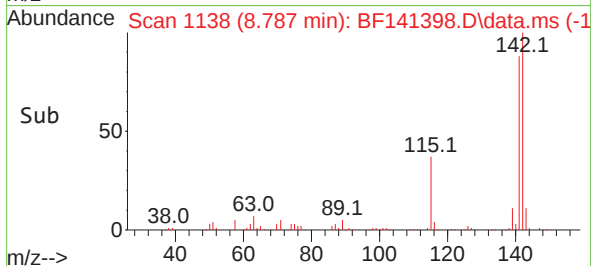
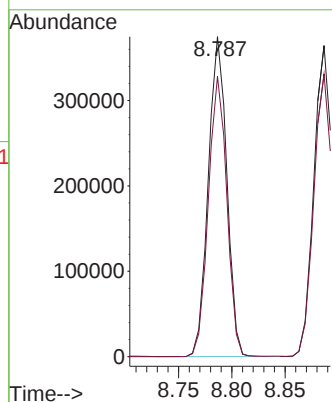
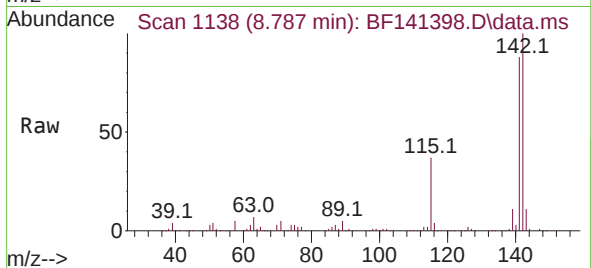
SSTDCCC040

Tgt Ion:142 Resp: 453714
Ion Ratio Lower Upper
142 100
141 87.6 71.3 106.9

Manual Integrations

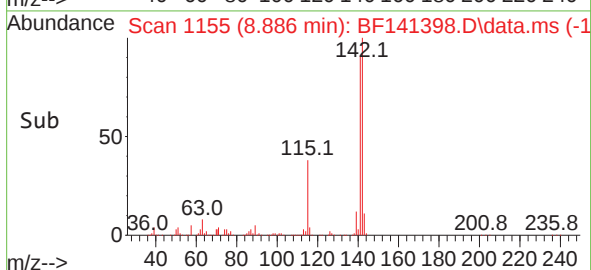
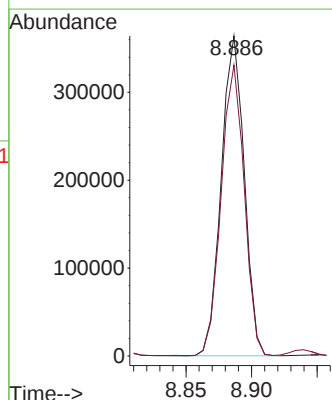
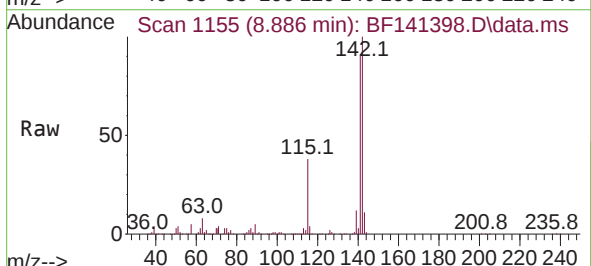
APPROVED

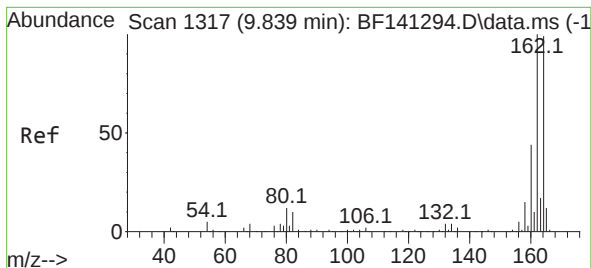
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#38
1-Methylnaphthalene
Concen: 40.487 ng
RT: 8.886 min Scan# 1155
Delta R.T. -0.012 min
Lab File: BF141398.D
Acq: 04 Feb 2025 10:42

Tgt Ion:142 Resp: 443121
Ion Ratio Lower Upper
142 100
141 90.9 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: BF141398.D

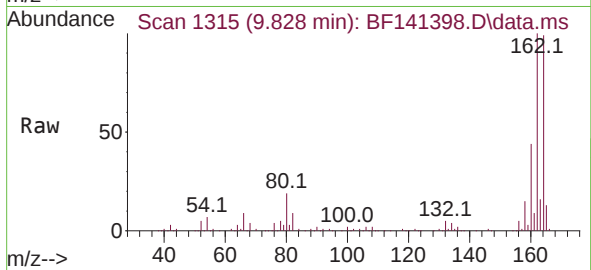
Acq: 04 Feb 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:164 Resp: 18047

Ion Ratio Lower Upper

164 100

162 101.1 80.6 121.0

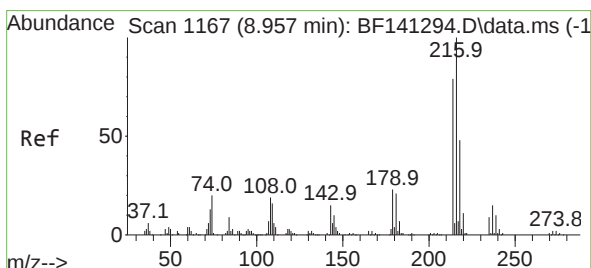
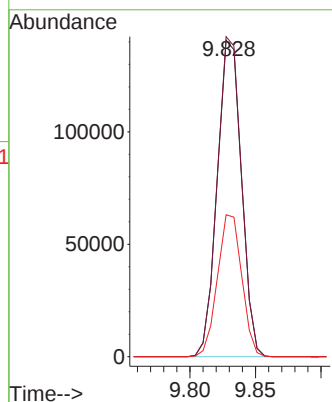
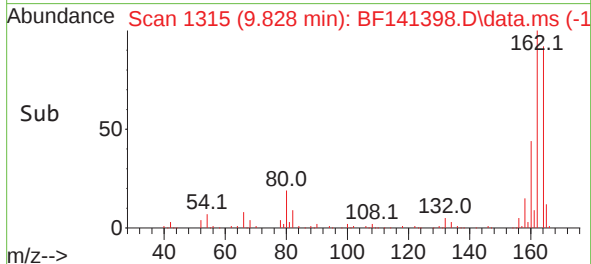
160 44.8 35.8 53.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/05/2025

Supervised By :mohammad ahmed 02/05/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.257 ng

RT: 8.951 min Scan# 1166

Delta R.T. -0.012 min

Lab File: BF141398.D

Acq: 04 Feb 2025 10:42

Tgt Ion:216 Resp: 211825

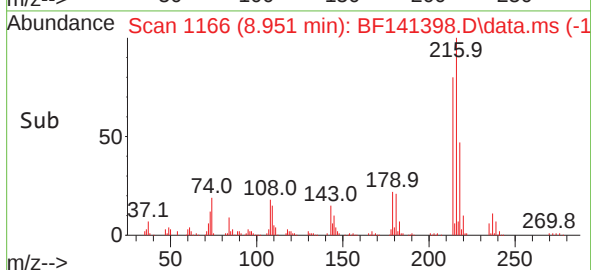
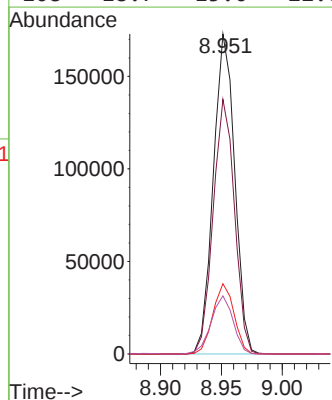
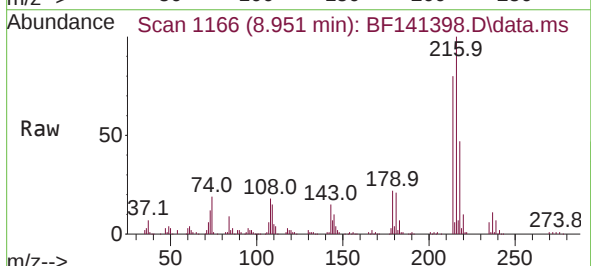
Ion Ratio Lower Upper

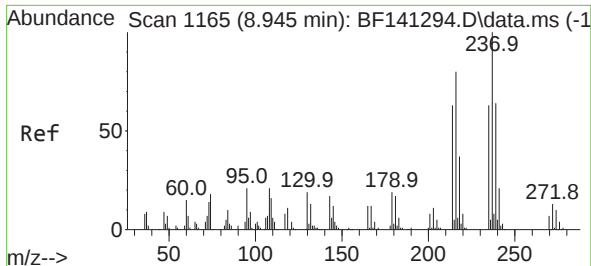
216 100

214 79.2 63.2 94.8

179 21.7 17.8 26.8

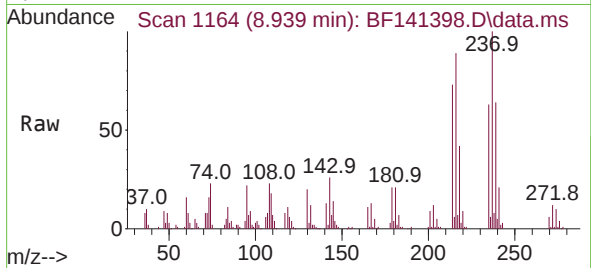
108 18.7 15.0 22.6





#41
Hexachlorocyclopentadiene
Concen: 43.974 ng
RT: 8.939 min Scan# 1164
Delta R.T. -0.012 min
Lab File: BF141398.D
Acq: 04 Feb 2025 10:42

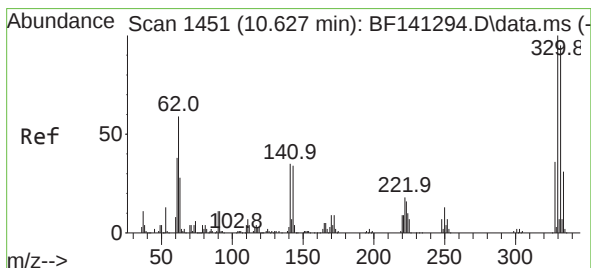
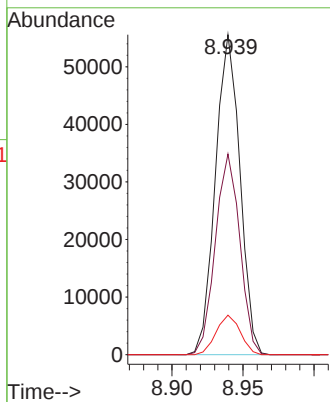
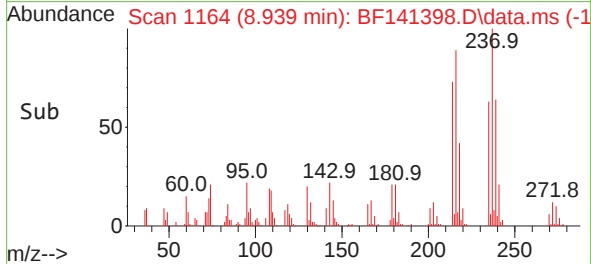
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



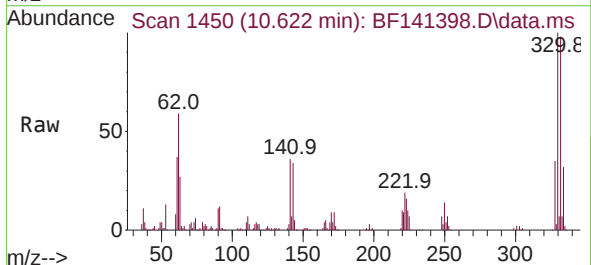
Tgt Ion: 237 Resp: 66678
Ion Ratio Lower Upper
237 100
235 62.7 42.9 82.9
272 12.4 0.0 32.8

Manual Integrations
APPROVED

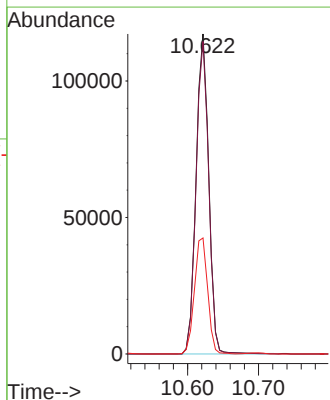
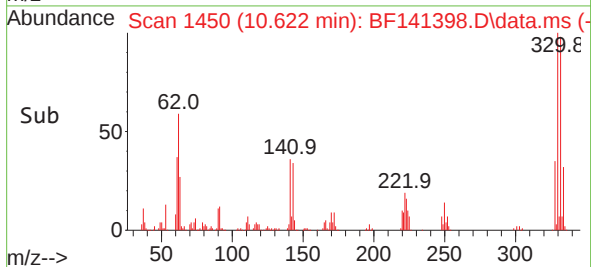
Reviewed By : Yogesh Patel 02/05/2025
Supervised By : mohammad ahmed 02/05/2025

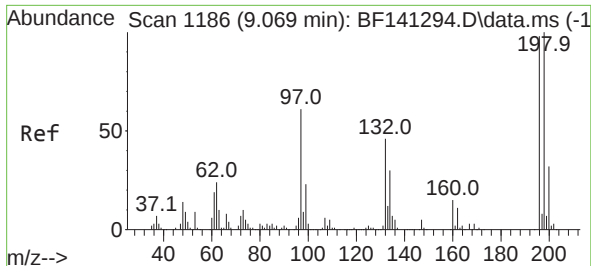


#42
2,4,6-Tribromophenol
Concen: 88.147 ng
RT: 10.622 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF141398.D
Acq: 04 Feb 2025 10:42



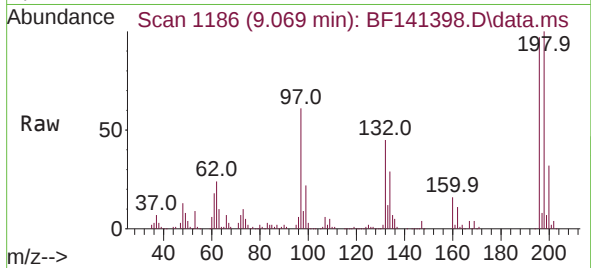
Tgt Ion: 330 Resp: 145841
Ion Ratio Lower Upper
330 100
332 97.3 76.1 114.1
141 37.8 28.8 43.2





#43
2,4,6-Trichlorophenol
Concen: 41.007 ng
RT: 9.069 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF141398.D
Acq: 04 Feb 2025 10:42

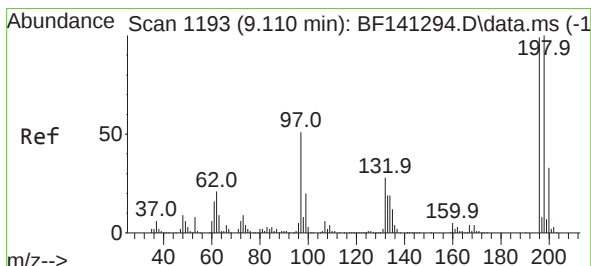
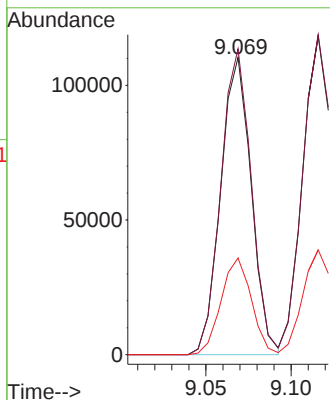
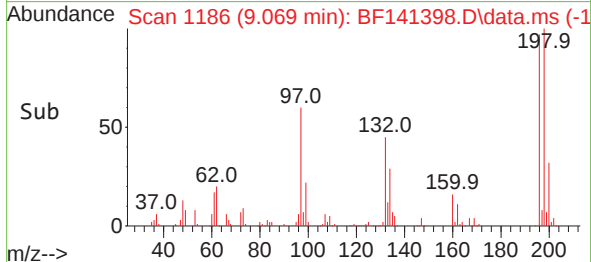
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



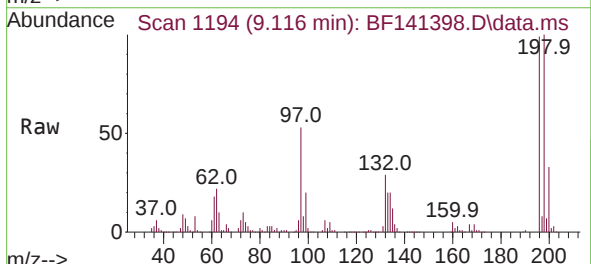
Tgt Ion:196 Resp: 13780
Ion Ratio Lower Upper
196 100
198 102.9 81.8 122.6
200 32.5 26.3 39.5

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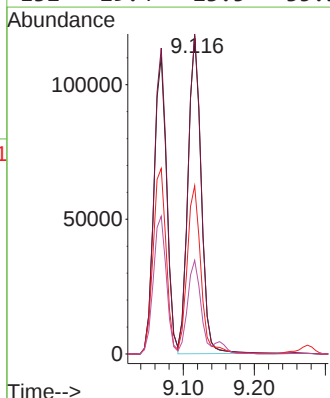
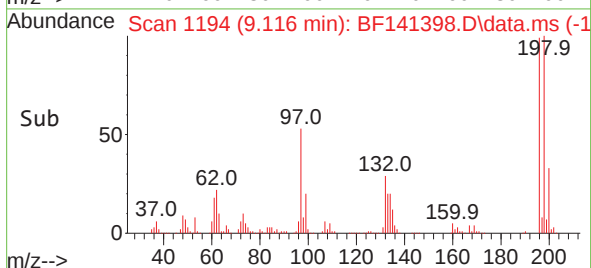
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

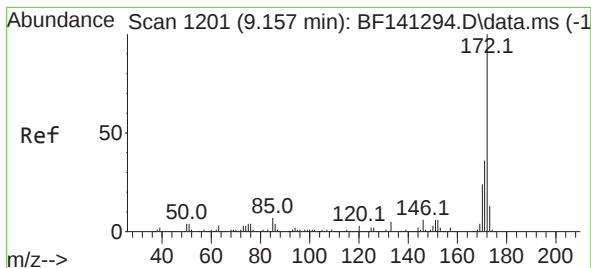


#44
2,4,5-Trichlorophenol
Concen: 41.577 ng
RT: 9.116 min Scan# 1194
Delta R.T. -0.000 min
Lab File: BF141398.D
Acq: 04 Feb 2025 10:42



Tgt Ion:196 Resp: 152071
Ion Ratio Lower Upper
196 100
198 100.5 80.5 120.7
97 52.8 42.8 64.2
132 29.4 23.5 35.3





#45

2-Fluorobiphenyl

Concen: 81.771 ng

RT: 9.151 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141398.D

Acq: 04 Feb 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:172 Resp: 95878

Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

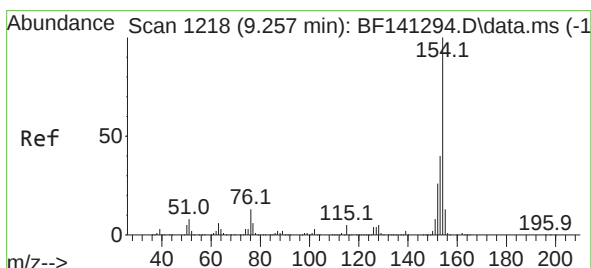
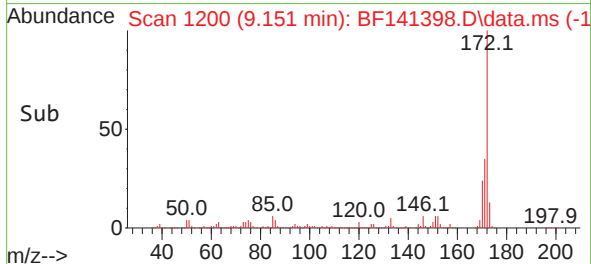
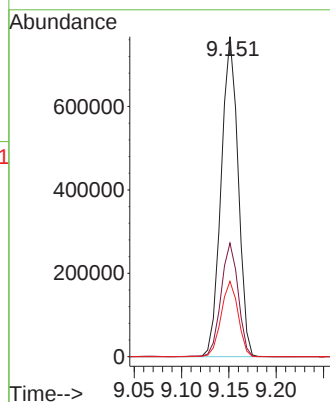
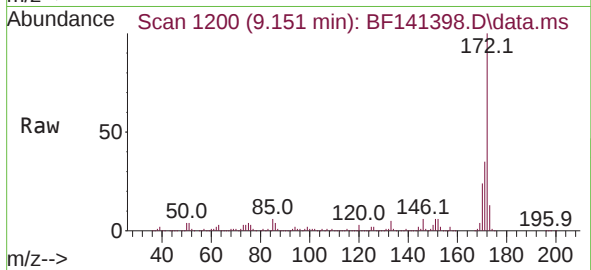
170 23.5 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/05/2025

Supervised By :mohammad ahmed 02/05/2025



#46

1,1'-Biphenyl

Concen: 40.089 ng

RT: 9.251 min Scan# 1217

Delta R.T. -0.012 min

Lab File: BF141398.D

Acq: 04 Feb 2025 10:42

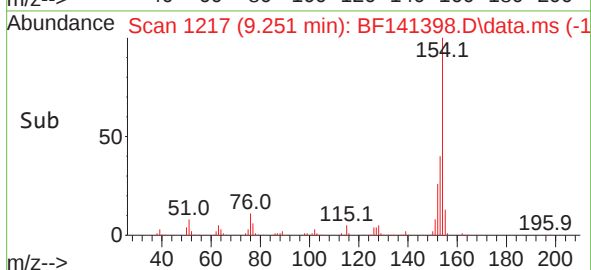
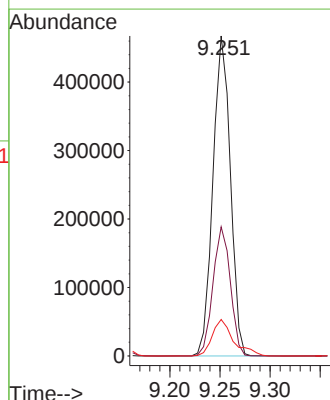
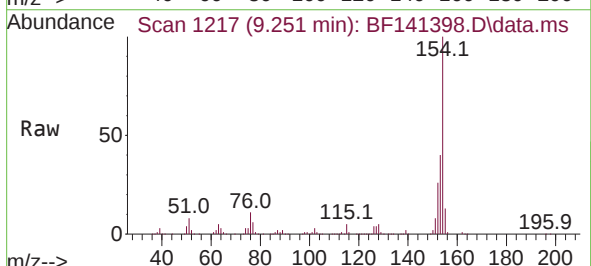
Tgt Ion:154 Resp: 564241

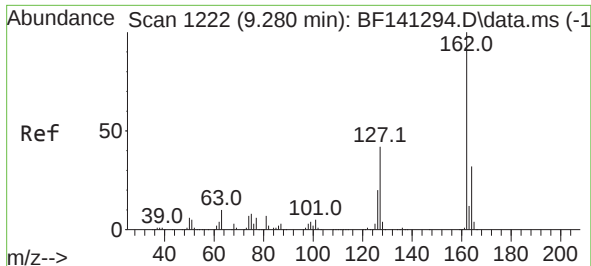
Ion Ratio Lower Upper

154 100

153 40.4 20.0 60.0

76 11.4 0.0 32.8





#47

2-Chloronaphthalene

Concen: 39.785 ng

RT: 9.275 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141398.D

Acq: 04 Feb 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 43645

Ion Ratio Lower Upper

162 100

127 42.9 33.7 50.5

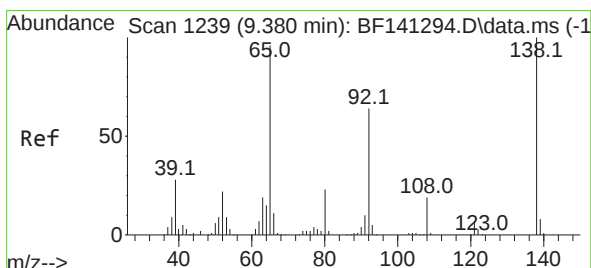
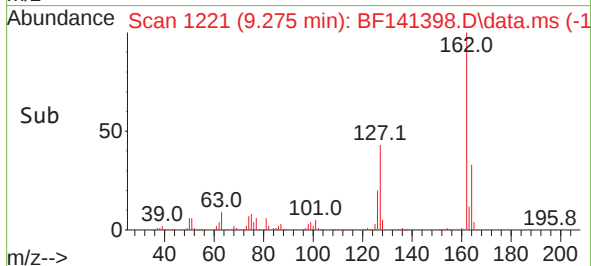
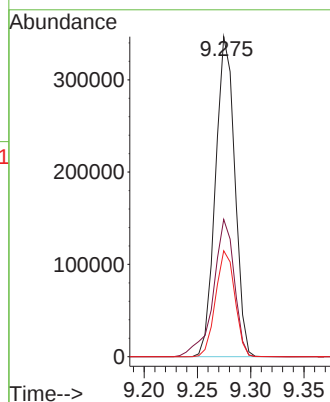
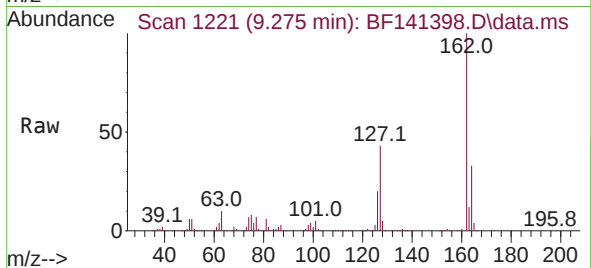
164 33.1 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/05/2025

Supervised By :mohammad ahmed 02/05/2025



#48

2-Nitroaniline

Concen: 40.764 ng

RT: 9.375 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BF141398.D

Acq: 04 Feb 2025 10:42

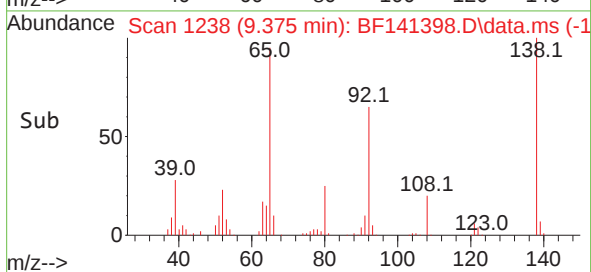
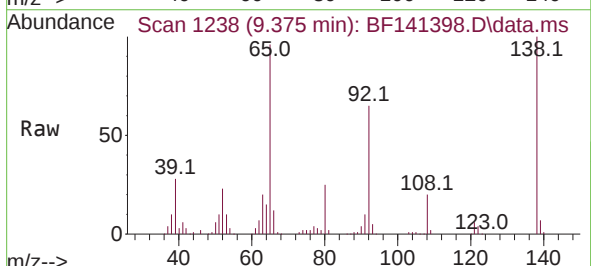
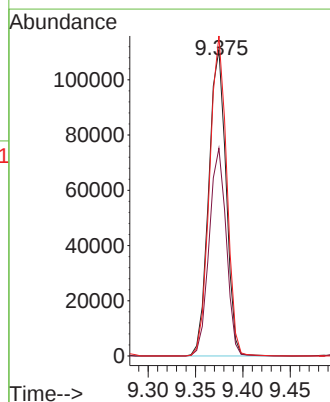
Tgt Ion: 65 Resp: 140664

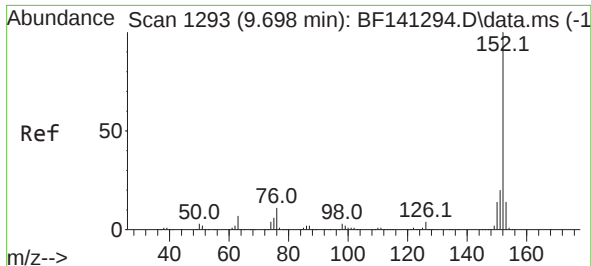
Ion Ratio Lower Upper

65 100

92 67.8 53.3 79.9

138 104.5 83.6 125.4





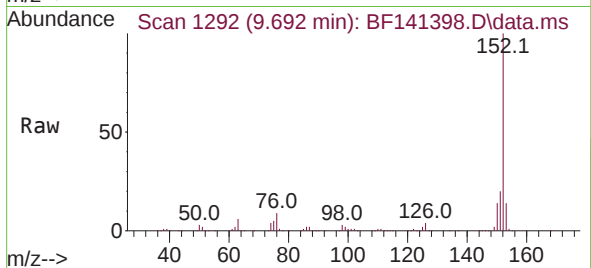
#49
Acenaphthylene
Concen: 40.360 ng
RT: 9.692 min Scan# 1292
Delta R.T. -0.012 min
Lab File: BF141398.D
Acq: 04 Feb 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

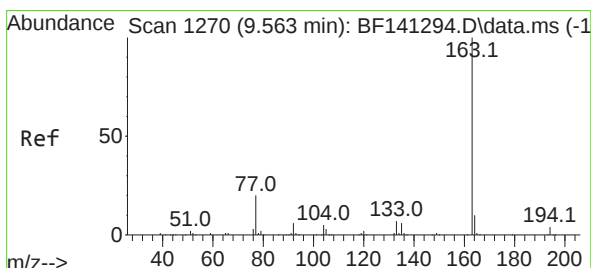
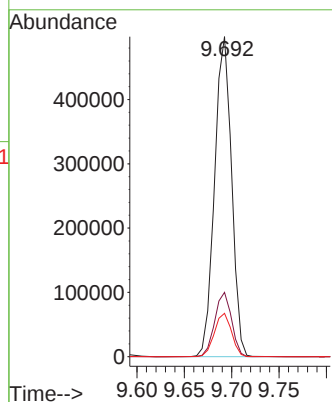
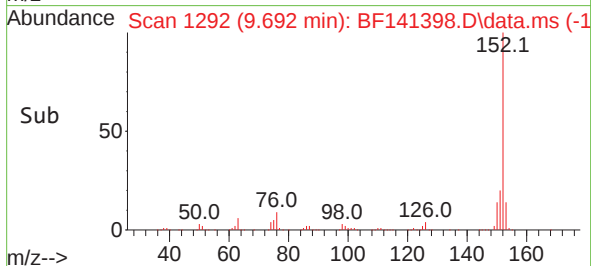


Tgt Ion:152 Resp: 61979
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 13.6 11.0 16.6

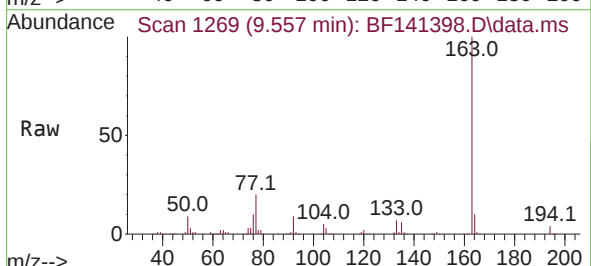
Manual Integrations

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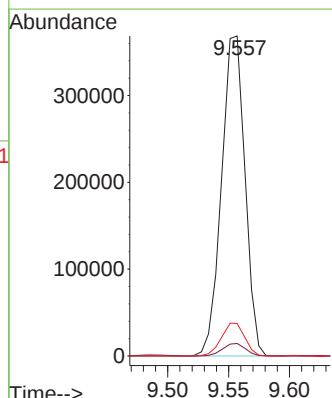
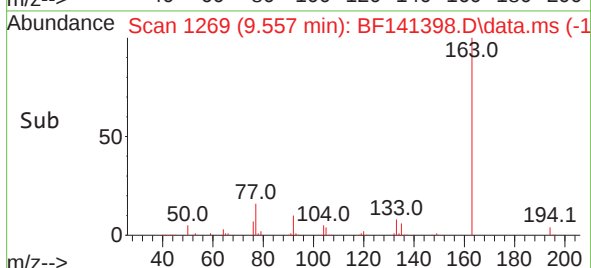
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

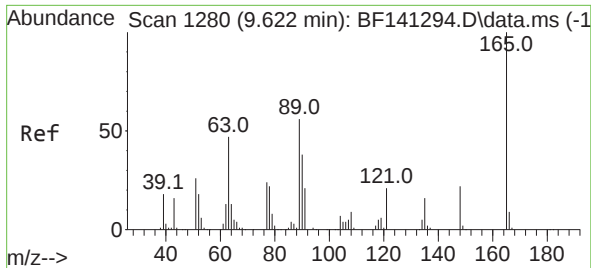


#50
Dimethylphthalate
Concen: 40.604 ng
RT: 9.557 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BF141398.D
Acq: 04 Feb 2025 10:42



Tgt Ion:163 Resp: 494930
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.2 8.0 12.0





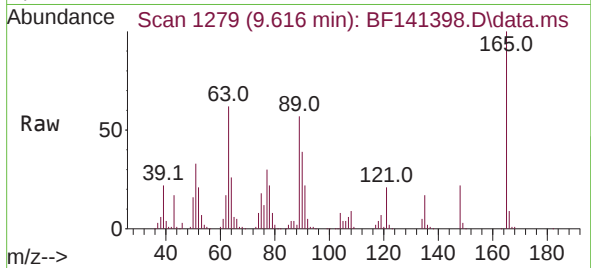
#51
2,6-Dinitrotoluene
Concen: 40.929 ng
RT: 9.616 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BF141398.D
Acq: 04 Feb 2025 10:42

Instrument :

BNA_F

ClientSampleId :

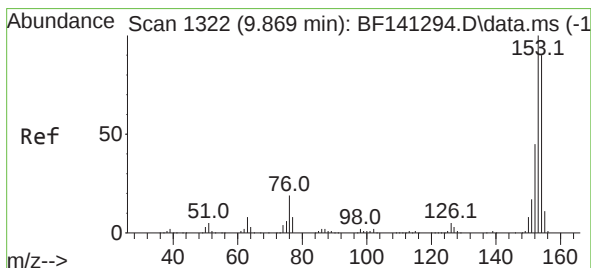
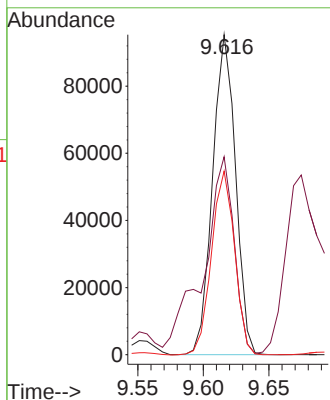
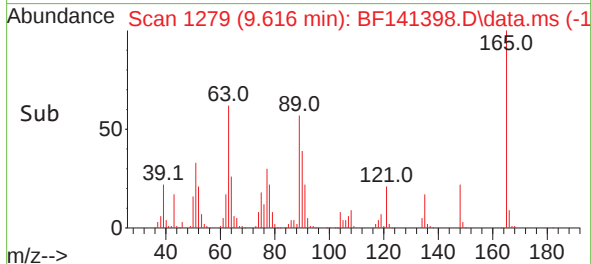
SSTDCCC040



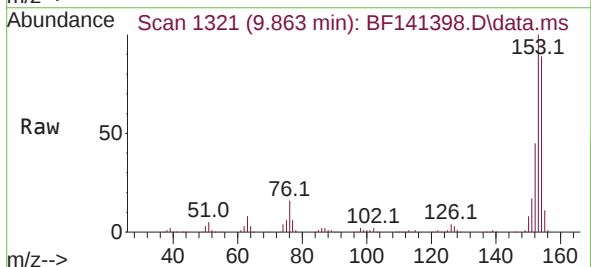
Tgt Ion:165 Resp: 11583
Ion Ratio Lower Upper
165 100
63 61.9 48.1 72.1
89 57.4 44.9 67.3

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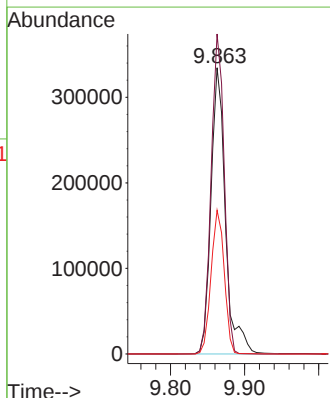
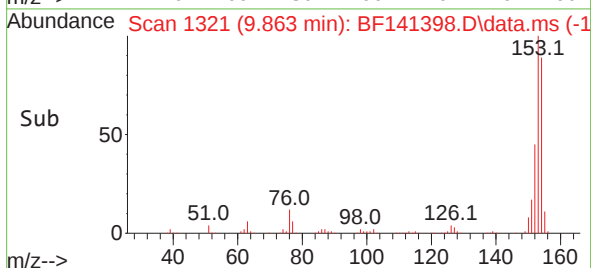
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

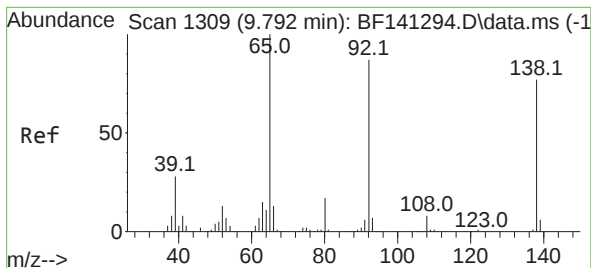


#52
Acenaphthene
Concen: 41.328 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.012 min
Lab File: BF141398.D
Acq: 04 Feb 2025 10:42



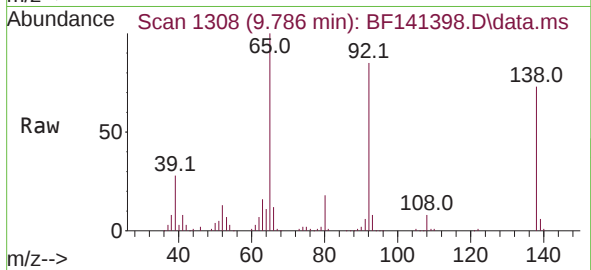
Tgt Ion:154 Resp: 453408
Ion Ratio Lower Upper
154 100
153 111.8 89.0 133.4
152 50.2 40.2 60.4





#53
3-Nitroaniline
Concen: 41.746 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141398.D
Acq: 04 Feb 2025 10:42

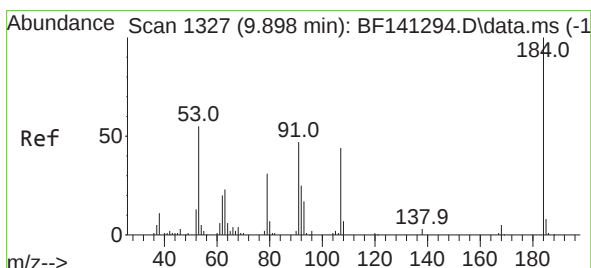
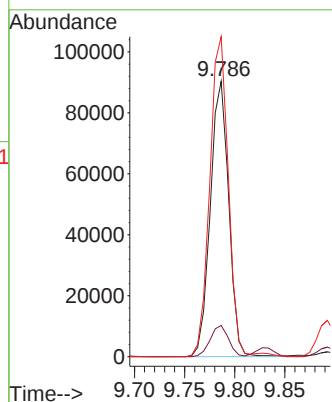
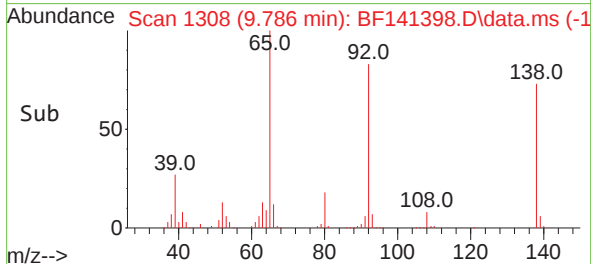
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:138 Resp: 11579
Ion Ratio Lower Upper
138 100
108 11.3 8.6 12.8
92 116.2 91.0 136.6

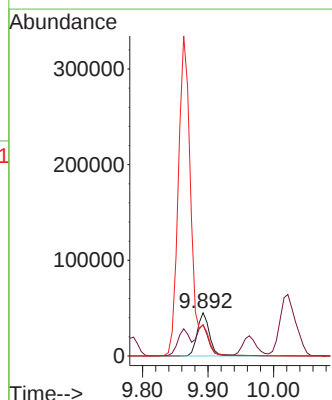
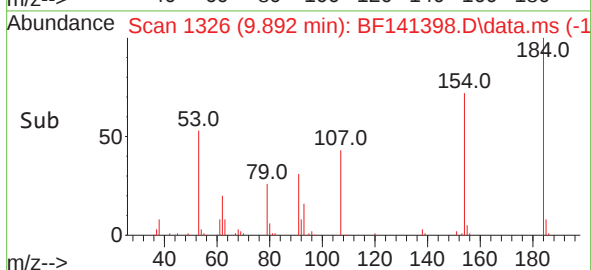
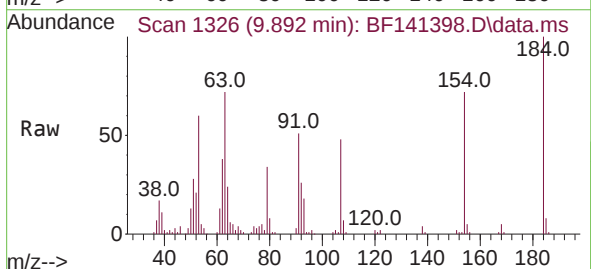
Manual Integrations
APPROVED

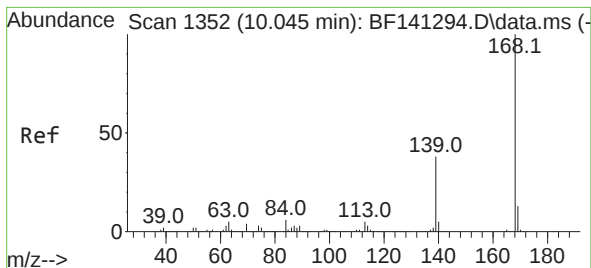
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#54
2,4-Dinitrophenol
Concen: 45.240 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF141398.D
Acq: 04 Feb 2025 10:42

Tgt Ion:184 Resp: 59519
Ion Ratio Lower Upper
184 100
63 72.2 54.1 81.1
154 71.9 50.7 76.1





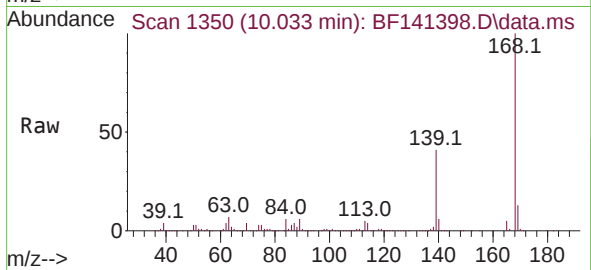
#55
Dibenzenofuran
Concen: 41.022 ng
RT: 10.033 min Scan# 1350
Delta R.T. -0.012 min
Lab File: BF141398.D
Acq: 04 Feb 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

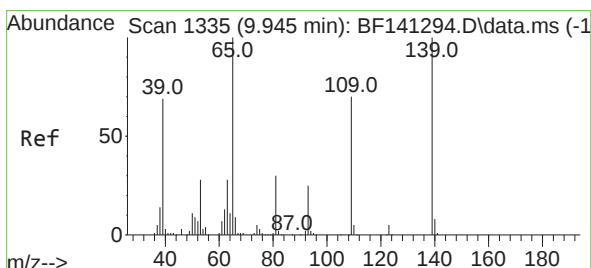
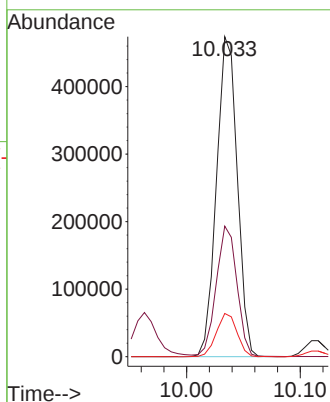
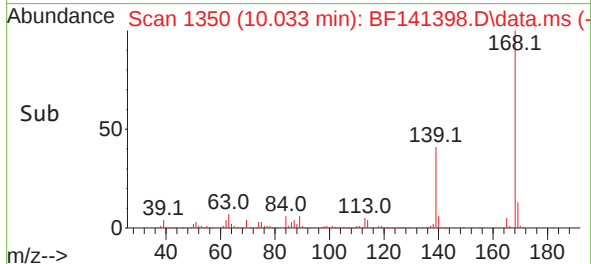


Tgt Ion:168 Resp: 602409
Ion Ratio Lower Upper
168 100
139 40.8 30.6 46.0
169 13.5 10.8 16.2

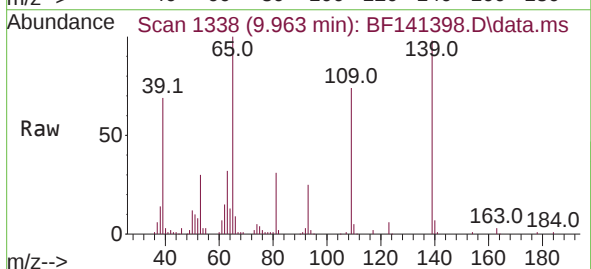
Manual Integrations

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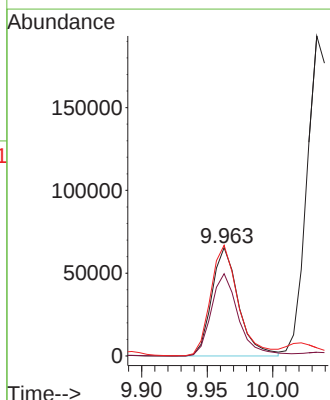
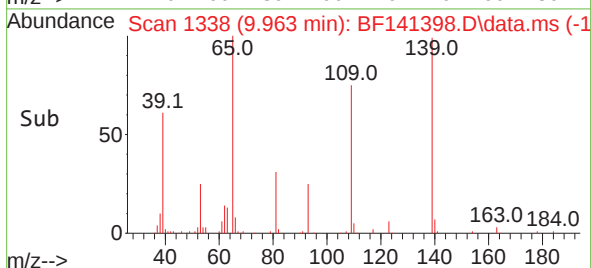
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

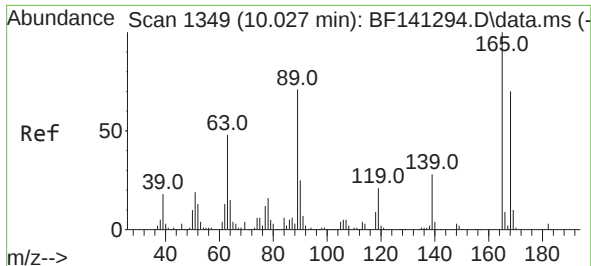


#56
4-Nitrophenol
Concen: 45.798 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.006 min
Lab File: BF141398.D
Acq: 04 Feb 2025 10:42



Tgt Ion:139 Resp: 92908
Ion Ratio Lower Upper
139 100
109 76.0 50.2 90.2
65 102.3 80.6 120.6





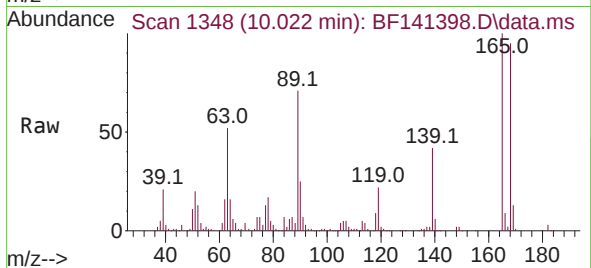
#57
2,4-Dinitrotoluene
Concen: 43.471 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141398.D
Acq: 04 Feb 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

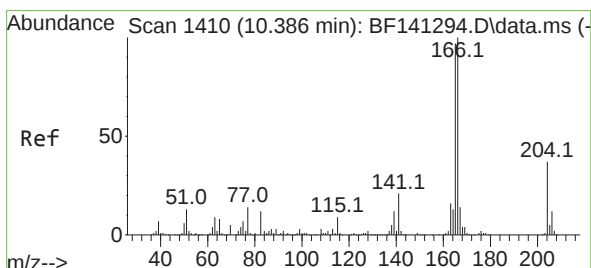
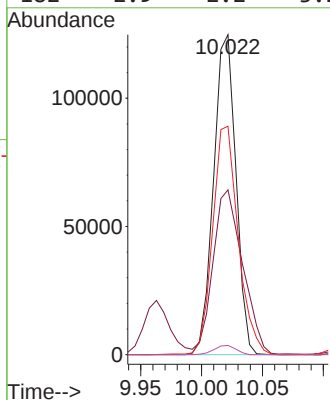
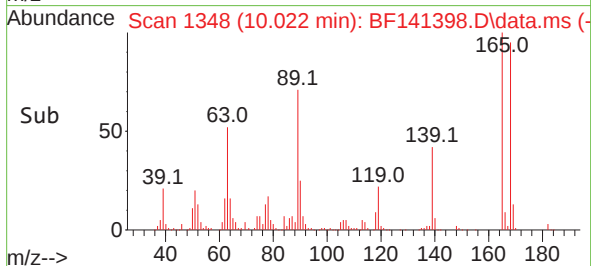


Tgt Ion:165 Resp: 15929
Ion Ratio Lower Upper
165 100
63 51.5 39.2 58.8
89 71.4 56.9 85.3
182 2.9 2.2 3.2

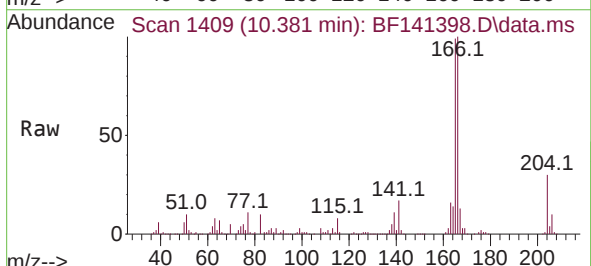
Manual Integrations

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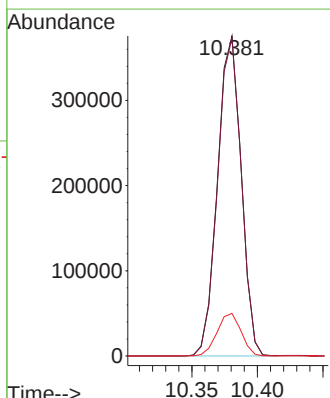
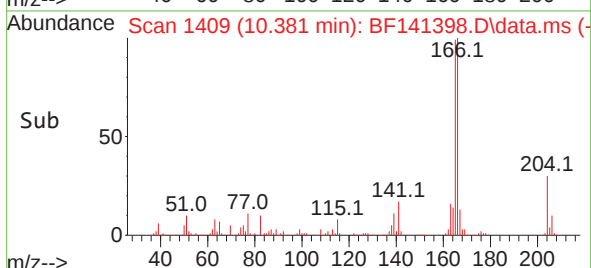
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

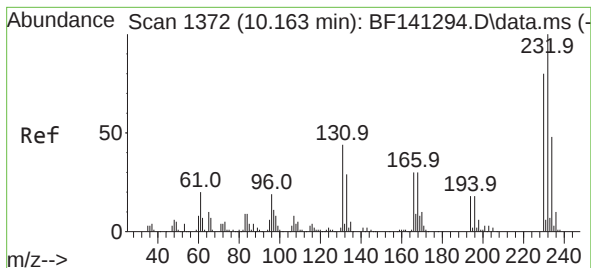


#58
Fluorene
Concen: 41.395 ng
RT: 10.381 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF141398.D
Acq: 04 Feb 2025 10:42



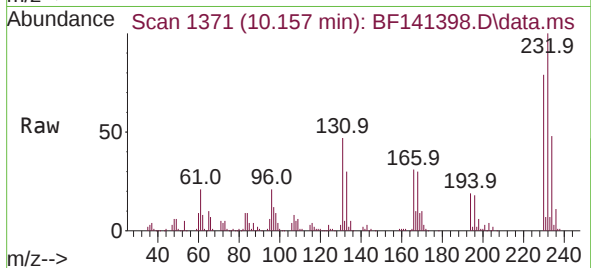
Tgt Ion:166 Resp: 471526
Ion Ratio Lower Upper
166 100
165 99.3 77.5 116.3
167 13.3 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.803 ng
RT: 10.157 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF141398.D
Acq: 04 Feb 2025 10:42

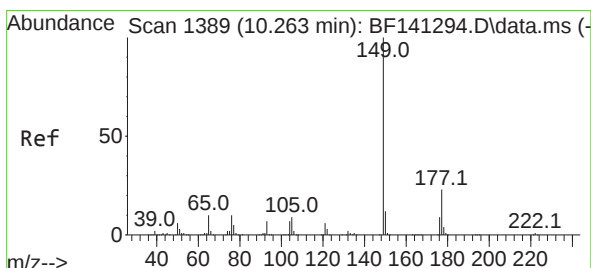
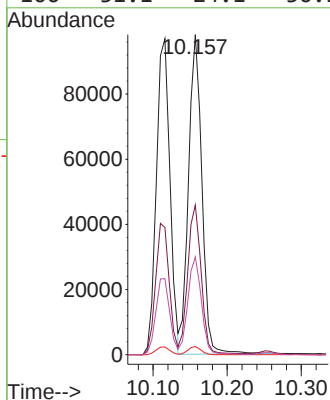
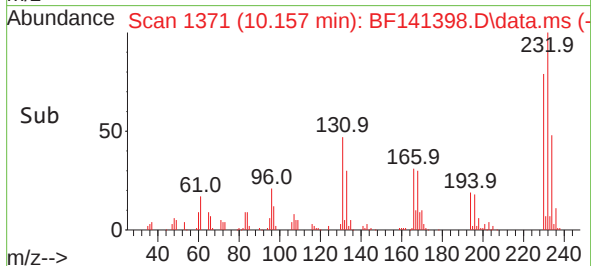
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



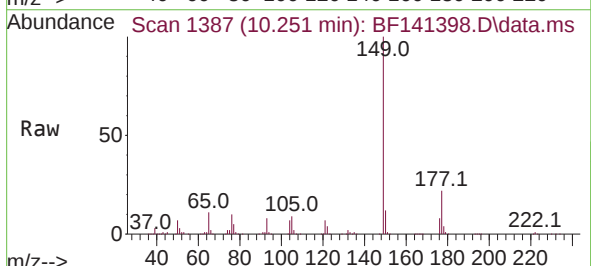
Tgt Ion:232 Resp: 123160
Ion Ratio Lower Upper
232 100
131 47.4 36.4 54.6
130 2.5 1.9 2.9
166 31.1 24.1 36.1

Manual Integrations
APPROVED

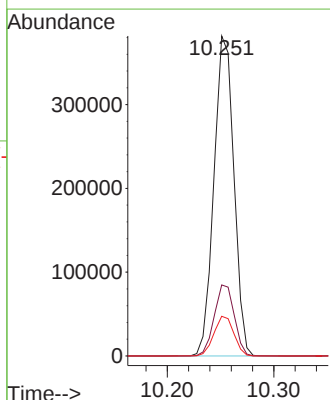
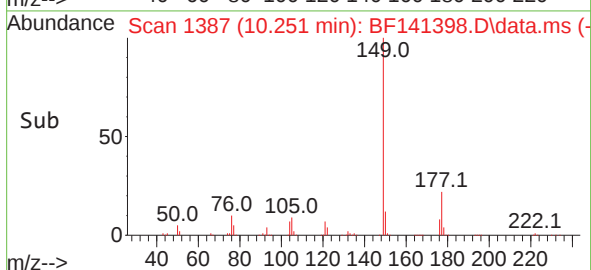
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

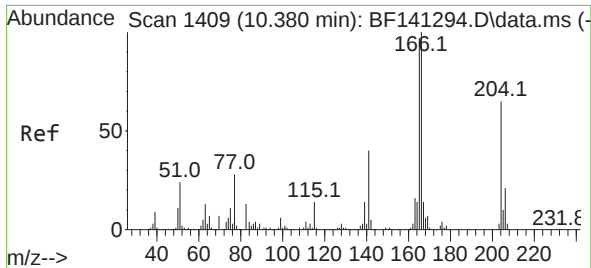


#60
Diethylphthalate
Concen: 41.956 ng
RT: 10.251 min Scan# 1387
Delta R.T. -0.018 min
Lab File: BF141398.D
Acq: 04 Feb 2025 10:42



Tgt Ion:149 Resp: 495870
Ion Ratio Lower Upper
149 100
177 22.2 18.5 27.7
150 12.4 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 42.037 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF141398.D
Acq: 04 Feb 2025 10:42

Instrument :

BNA_F

ClientSampleId :

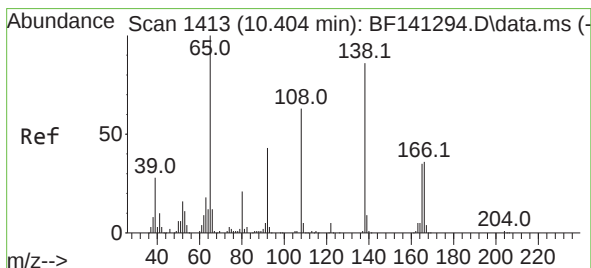
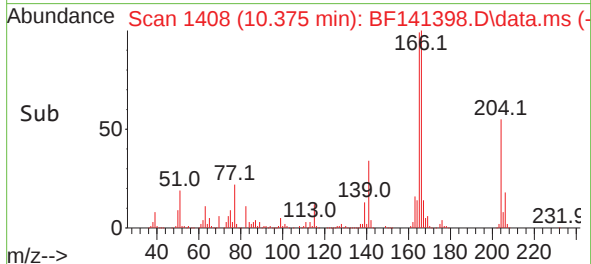
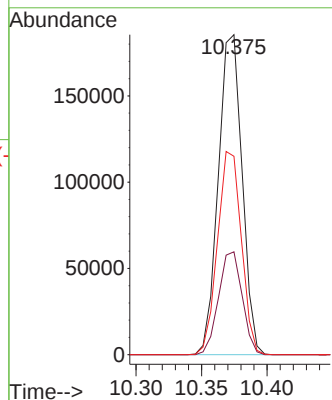
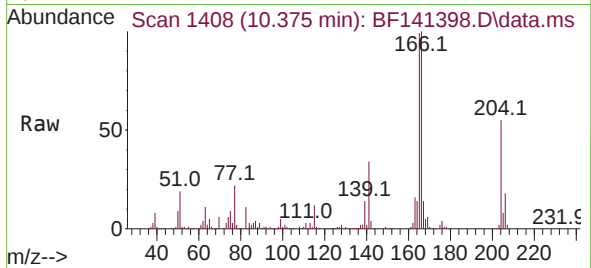
SSTDCCC040

Tgt Ion:204 Resp: 233902
Ion Ratio Lower Upper
204 100
206 32.2 25.9 38.9
141 62.0 49.5 74.3

Manual Integrations

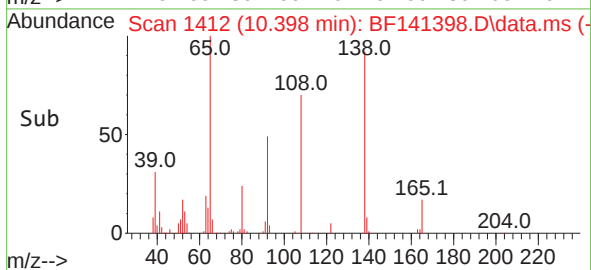
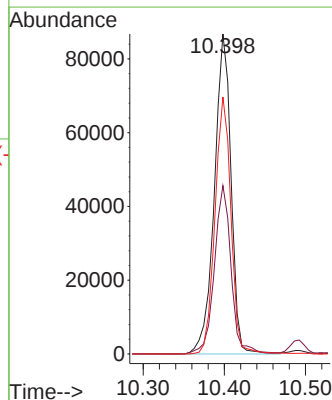
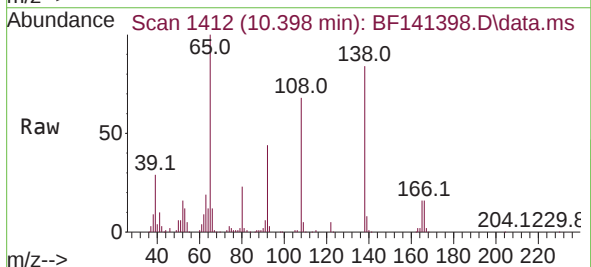
APPROVED

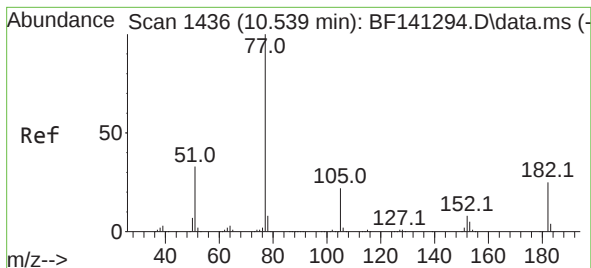
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#62
4-Nitroaniline
Concen: 45.468 ng
RT: 10.398 min Scan# 1412
Delta R.T. -0.018 min
Lab File: BF141398.D
Acq: 04 Feb 2025 10:42

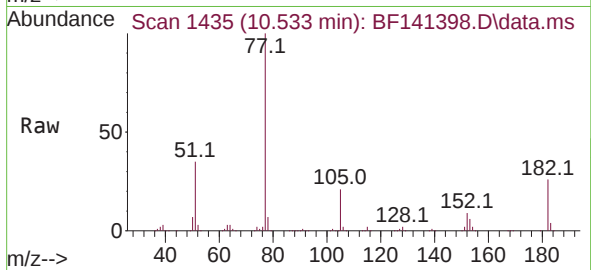
Tgt Ion:138 Resp: 123996
Ion Ratio Lower Upper
138 100
92 52.6 30.1 70.1
108 80.3 53.1 93.1





#63
Azobenzene
Concen: 40.234 ng
RT: 10.533 min Scan# 1435
Delta R.T. -0.012 min
Lab File: BF141398.D
Acq: 04 Feb 2025 10:42

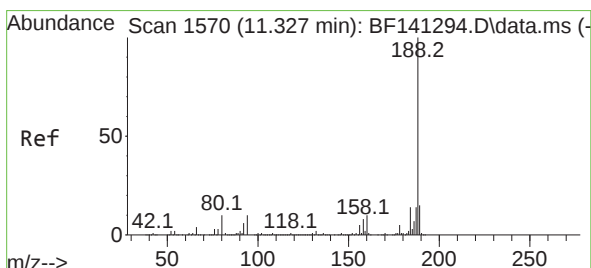
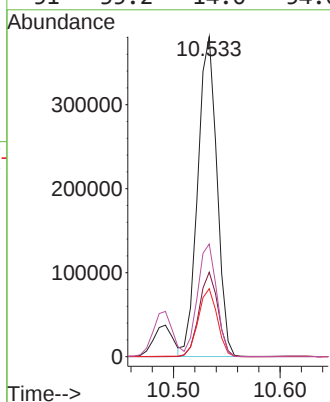
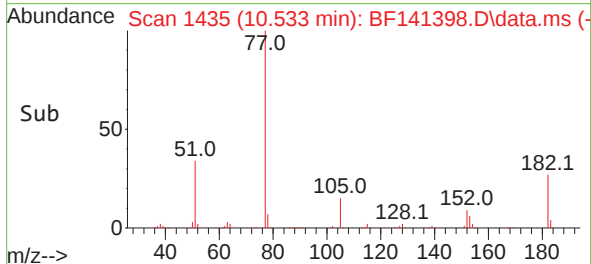
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



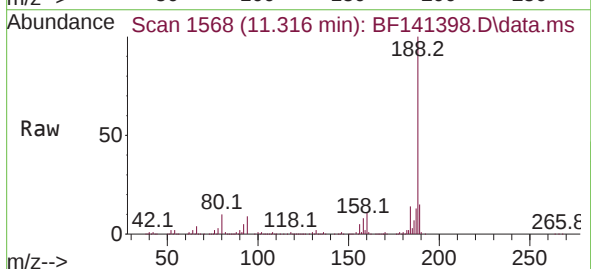
Tgt Ion: 77 Resp: 475982
Ion Ratio Lower Upper
77 100
182 26.4 5.1 45.1
105 21.3 1.8 41.8
51 35.2 14.0 54.0

Manual Integrations
APPROVED

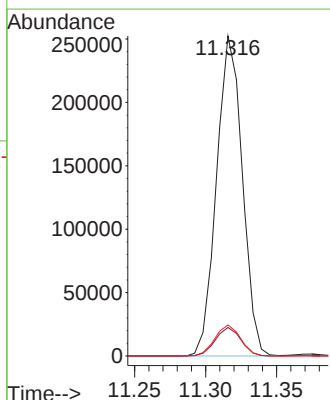
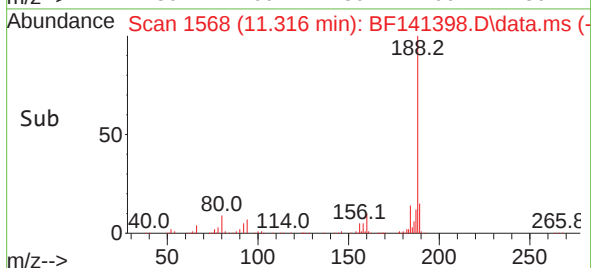
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

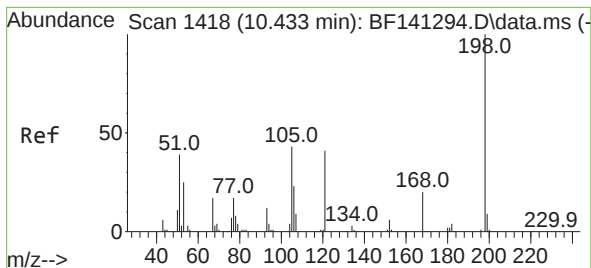


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1568
Delta R.T. -0.012 min
Lab File: BF141398.D
Acq: 04 Feb 2025 10:42



Tgt Ion:188 Resp: 318826
Ion Ratio Lower Upper
188 100
94 8.9 7.8 11.6
80 9.7 8.2 12.4





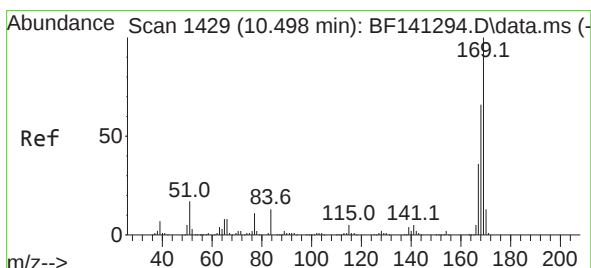
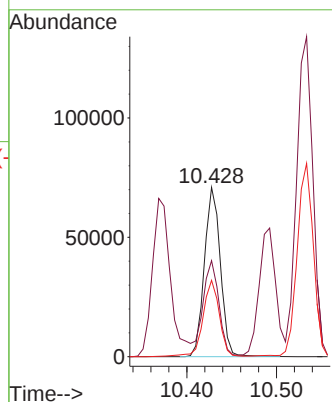
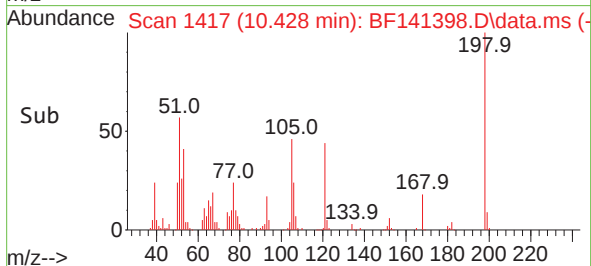
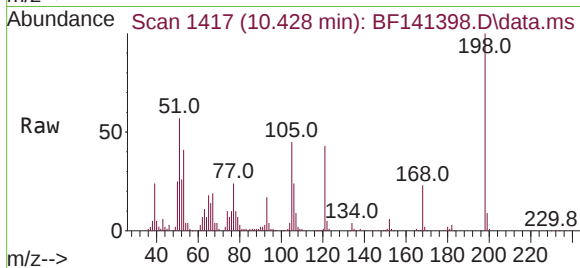
#65
4,6-Dinitro-2-methylphenol
Concen: 46.476 ng
RT: 10.428 min Scan# 1418
Delta R.T. -0.012 min
Lab File: BF141398.D
Acq: 04 Feb 2025 10:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 87640
Ion Ratio Lower Upper
198 100
51 56.8 33.4 73.4
105 45.1 24.4 64.4

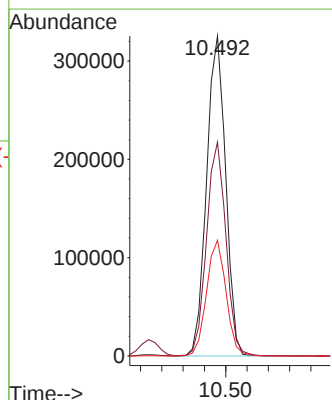
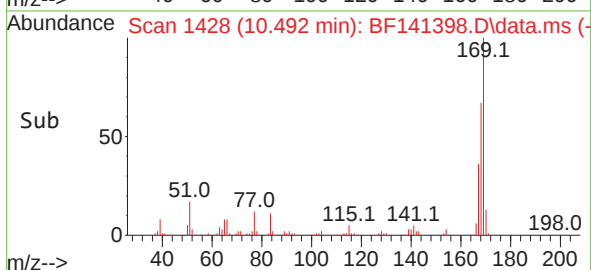
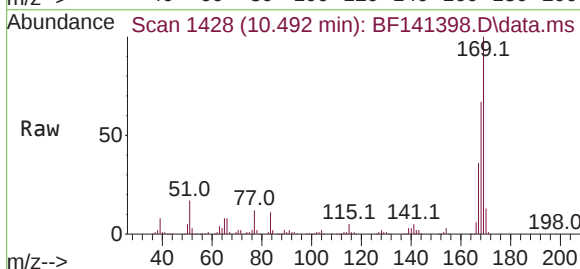
Manual Integrations
APPROVED

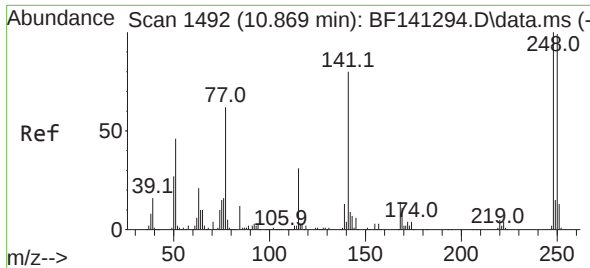
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#66
n-Nitrosodiphenylamine
Concen: 39.195 ng
RT: 10.492 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF141398.D
Acq: 04 Feb 2025 10:42

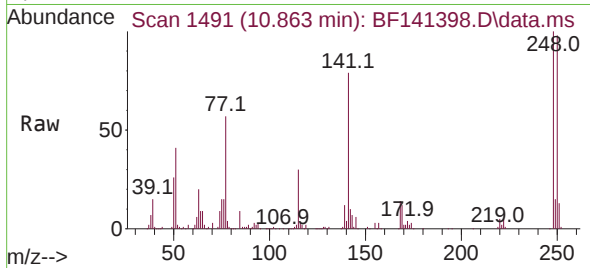
Tgt Ion:169 Resp: 404177
Ion Ratio Lower Upper
169 100
168 66.8 53.0 79.4
167 36.2 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 40.154 ng
RT: 10.863 min Scan# 1491
Delta R.T. -0.012 min
Lab File: BF141398.D
Acq: 04 Feb 2025 10:42

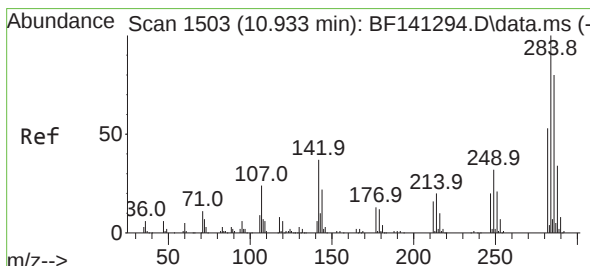
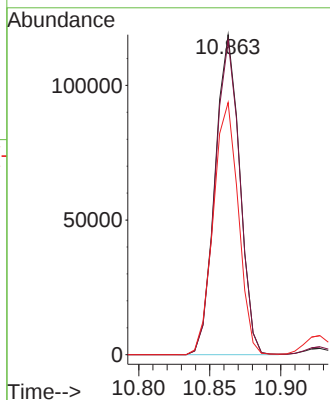
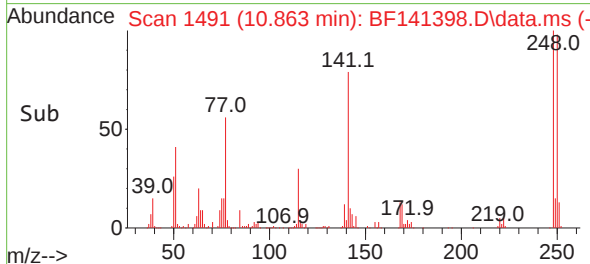
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



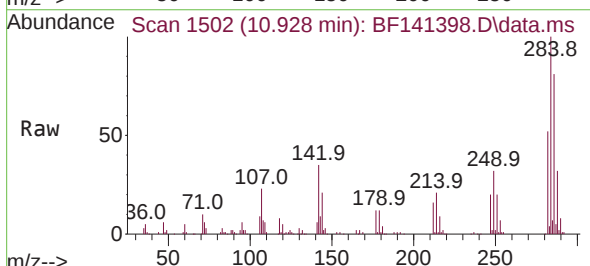
Tgt Ion:248 Resp: 143325
Ion Ratio Lower Upper
248 100
250 98.2 79.0 118.4
141 78.8 63.7 95.5

Manual Integrations
APPROVED

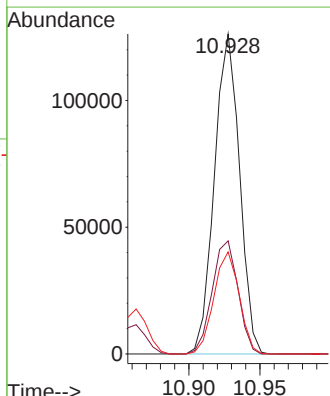
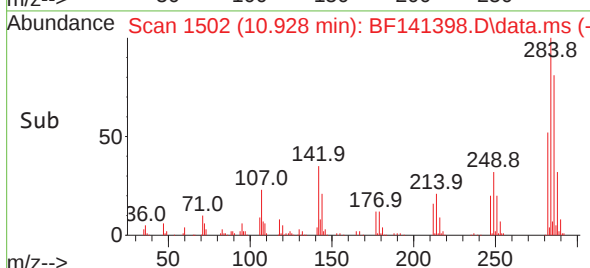
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

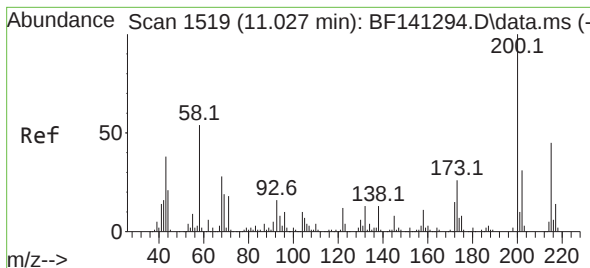


#68
Hexachlorobenzene
Concen: 40.974 ng
RT: 10.928 min Scan# 1502
Delta R.T. -0.012 min
Lab File: BF141398.D
Acq: 04 Feb 2025 10:42



Tgt Ion:284 Resp: 155137
Ion Ratio Lower Upper
284 100
142 35.3 29.5 44.3
249 31.9 25.4 38.2





#69

Atrazine

Concen: 39.568 ng

RT: 11.022 min Scan# 1519

Delta R.T. -0.012 min

Lab File: BF141398.D

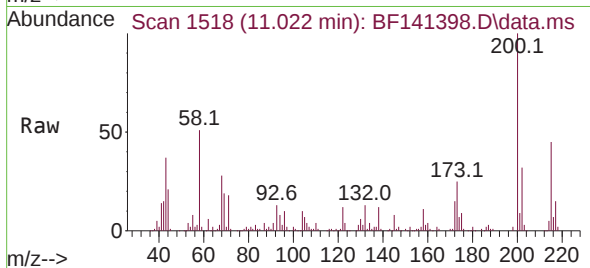
Acq: 04 Feb 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



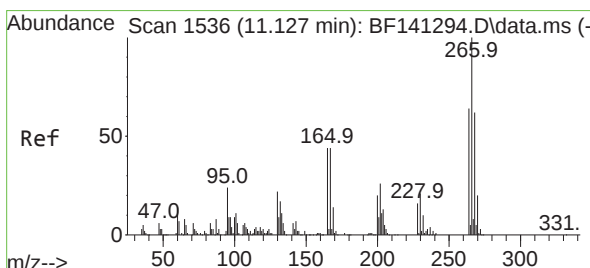
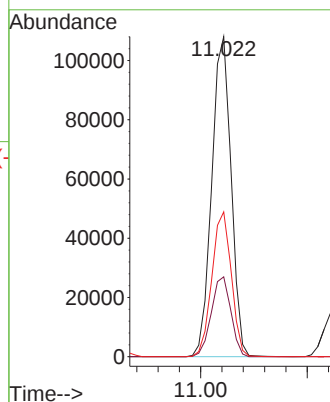
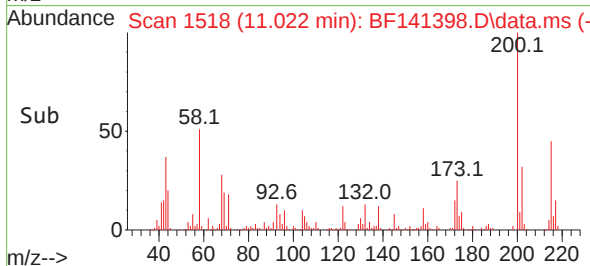
Tgt Ion:	200	Resp:	13642
Ion Ratio	Lower	Upper	
200	100		
173	25.0	5.9	45.9
215	45.3	25.2	65.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/05/2025

Supervised By :mohammad ahmed 02/05/2025



#70

Pentachlorophenol

Concen: 46.366 ng

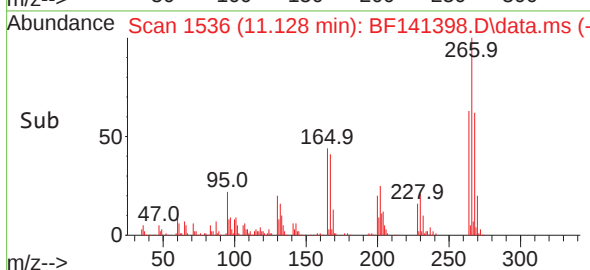
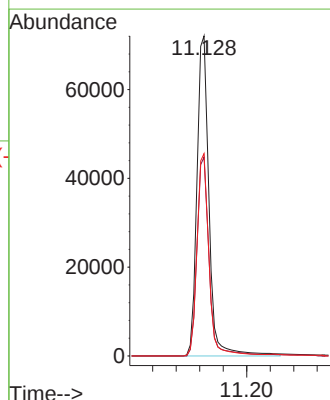
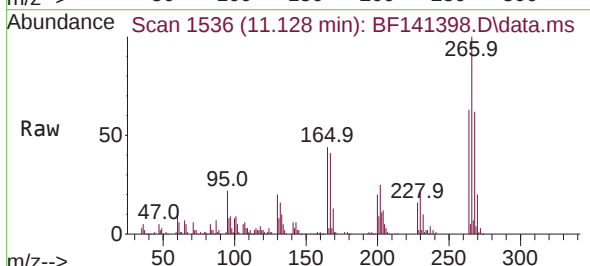
RT: 11.128 min Scan# 1536

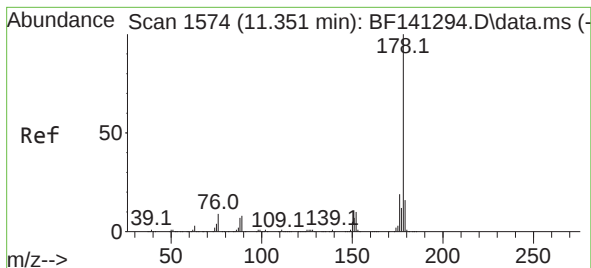
Delta R.T. -0.006 min

Lab File: BF141398.D

Acq: 04 Feb 2025 10:42

Tgt Ion:	266	Resp:	102799
Ion Ratio	Lower	Upper	
266	100		
268	62.2	49.9	74.9
264	63.2	51.0	76.4





#71

Phenanthrene

Concen: 41.259 ng

RT: 11.339 min Scan# 1572

Delta R.T. -0.012 min

Lab File: BF141398.D

Acq: 04 Feb 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

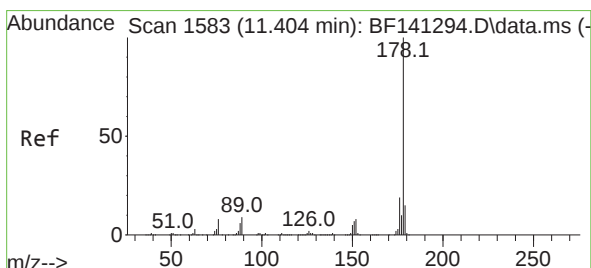
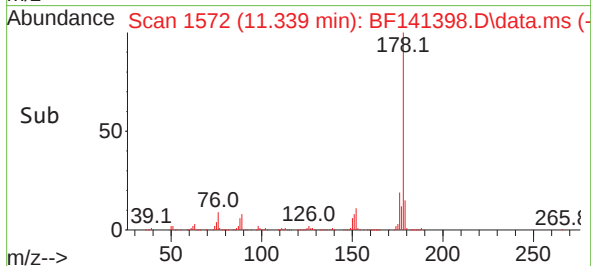
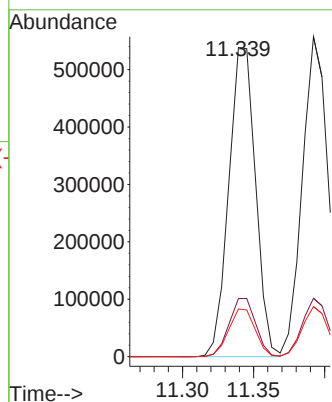
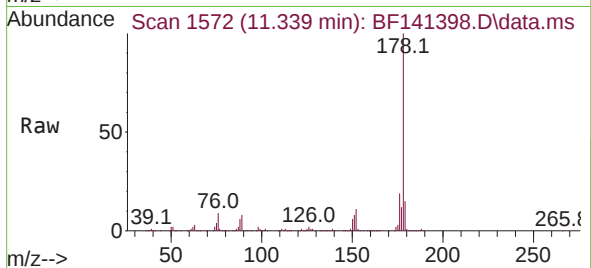
Tgt Ion:178 Resp: 707114
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.3 22.9
 179 15.4 12.5 18.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/05/2025

Supervised By :mohammad ahmed 02/05/2025



#72

Anthracene

Concen: 41.470 ng

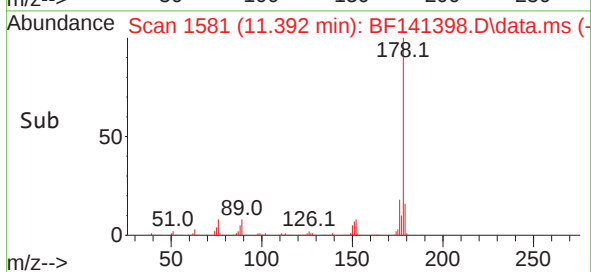
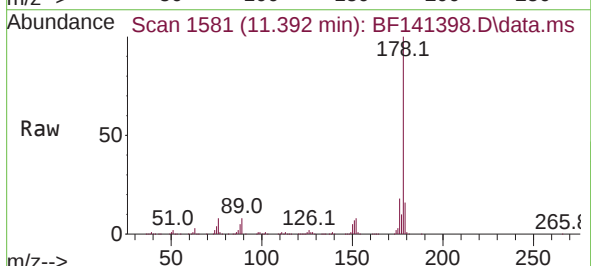
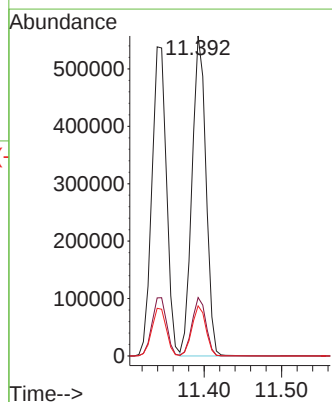
RT: 11.392 min Scan# 1581

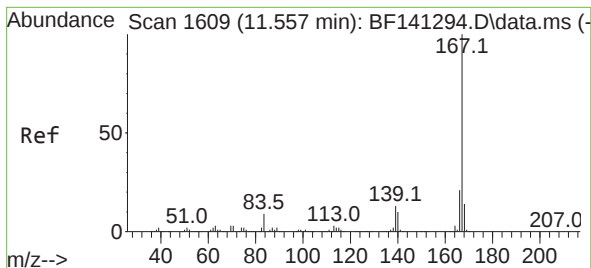
Delta R.T. -0.012 min

Lab File: BF141398.D

Acq: 04 Feb 2025 10:42

Tgt Ion:178 Resp: 696374
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.0 22.6
 179 15.7 12.3 18.5





#73

Carbazole

Concen: 44.044 ng

RT: 11.551 min Scan# 1608

Delta R.T. -0.006 min

Lab File: BF141398.D

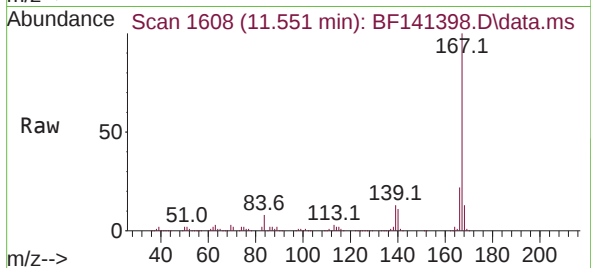
Acq: 04 Feb 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:167 Resp: 65582

Ion Ratio Lower Upper

167 100

166 21.8 17.0 25.6

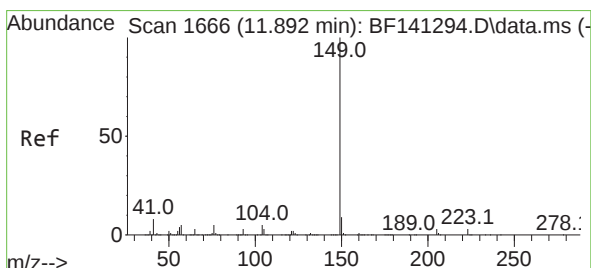
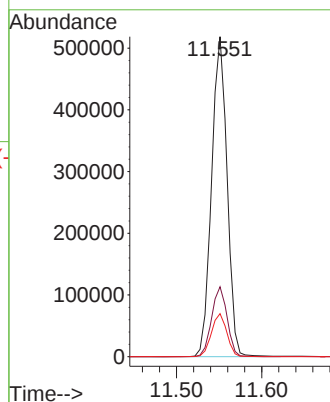
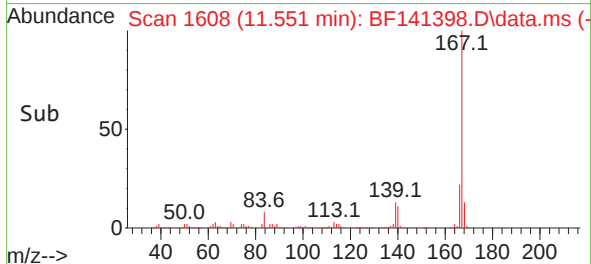
139 13.4 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/05/2025

Supervised By :mohammad ahmed 02/05/2025



#74

Di-n-butylphthalate

Concen: 42.899 ng

RT: 11.880 min Scan# 1664

Delta R.T. -0.012 min

Lab File: BF141398.D

Acq: 04 Feb 2025 10:42

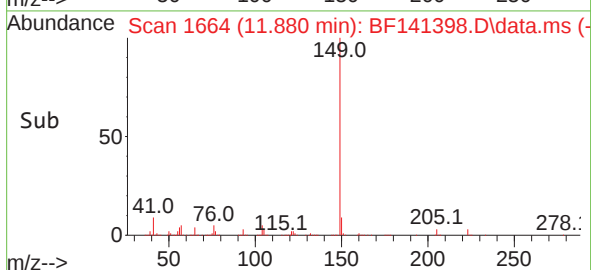
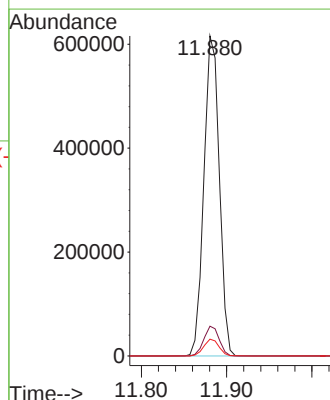
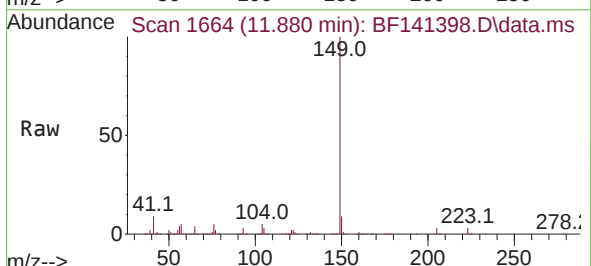
Tgt Ion:149 Resp: 774119

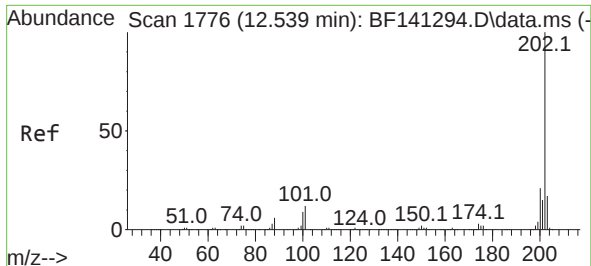
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

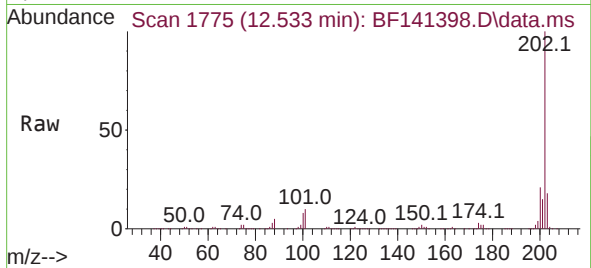
104 5.3 3.9 5.9





#75
Fluoranthene
Concen: 46.710 ng
RT: 12.533 min Scan# 1775
Delta R.T. -0.006 min
Lab File: BF141398.D
Acq: 04 Feb 2025 10:42

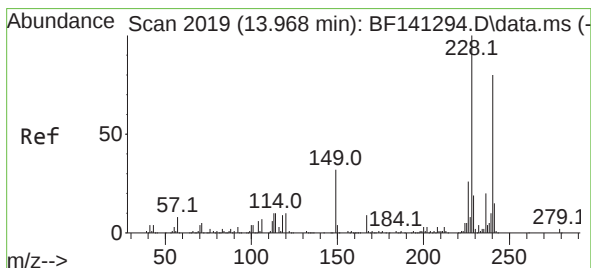
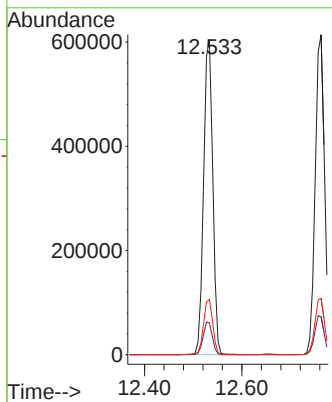
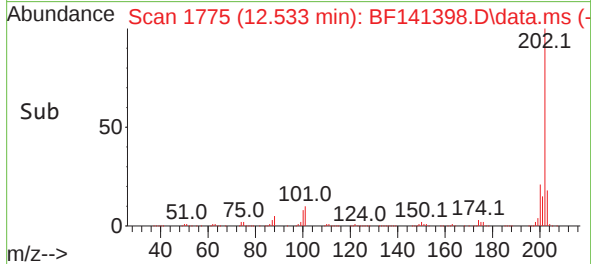
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



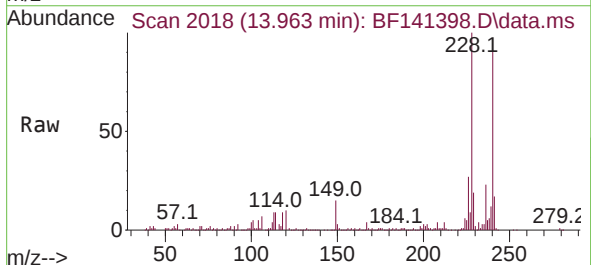
Tgt Ion:202 Resp: 790425
Ion Ratio Lower Upper
202 100
101 10.1 0.0 31.7
203 17.5 0.0 37.5

Manual Integrations
APPROVED

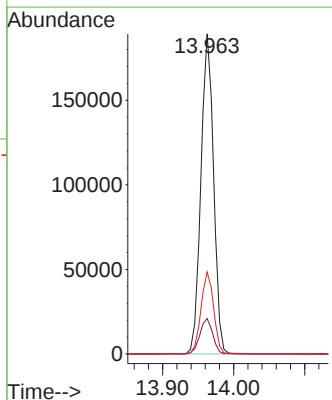
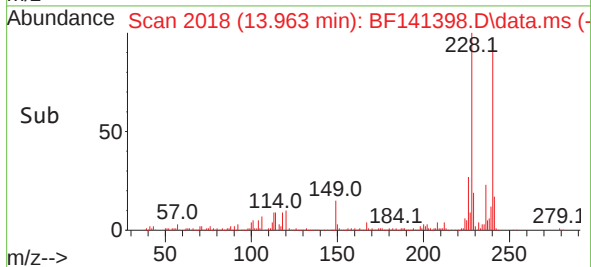
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

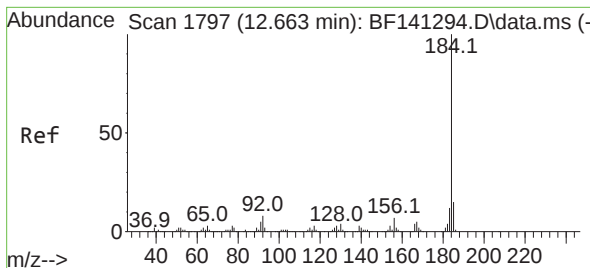


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF141398.D
Acq: 04 Feb 2025 10:42



Tgt Ion:240 Resp: 235294
Ion Ratio Lower Upper
240 100
120 11.1 10.0 15.0
236 25.6 19.7 29.5





#77

Benzidine

Concen: 37.710 ng

RT: 12.657 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141398.D

Acq: 04 Feb 2025 10:42

Instrument :

BNA_F

ClientSampleId :

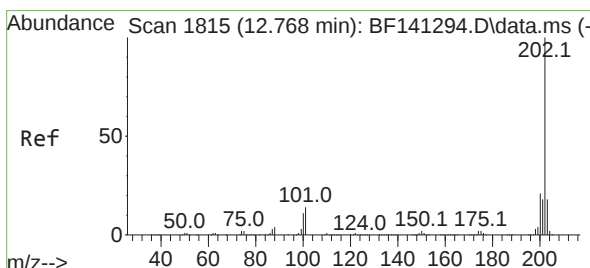
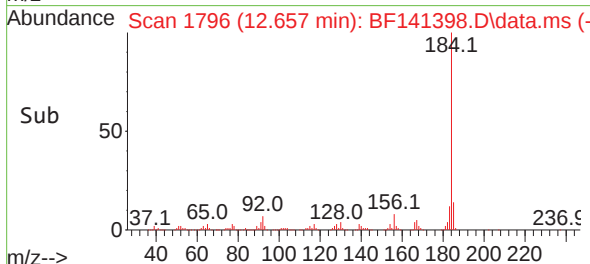
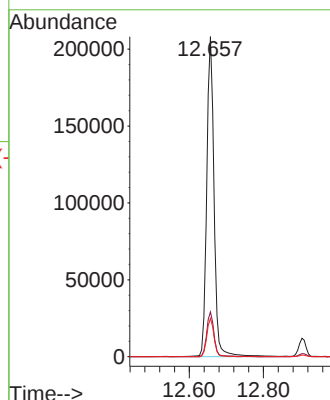
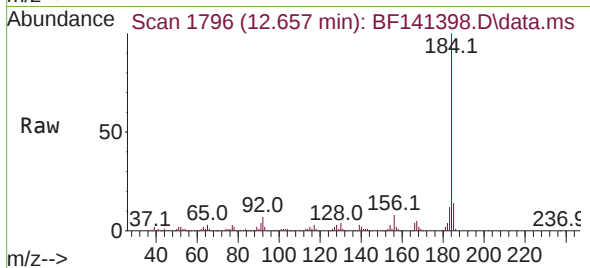
SSTDCCC040

Tgt Ion:184 Resp: 28445
 Ion Ratio Lower Upper
 184 100
 185 14.0 11.9 17.9
 183 12.0 9.5 14.3

Manual Integrations

APPROVED

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



#78

Pyrene

Concen: 36.018 ng

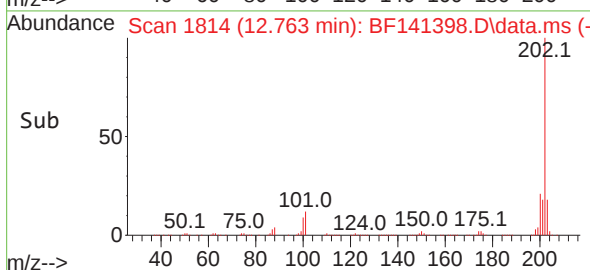
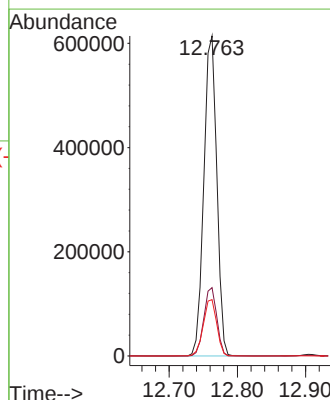
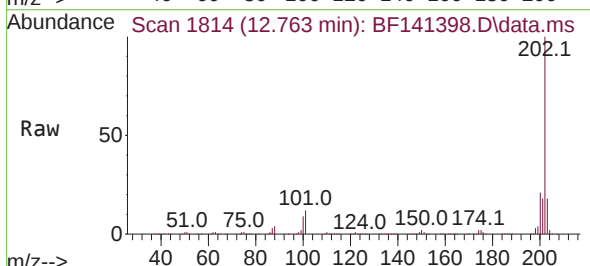
RT: 12.763 min Scan# 1814

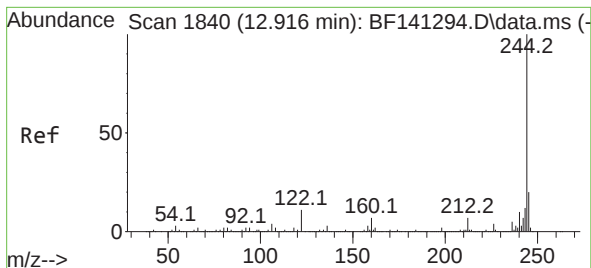
Delta R.T. -0.006 min

Lab File: BF141398.D

Acq: 04 Feb 2025 10:42

Tgt Ion:202 Resp: 813495
 Ion Ratio Lower Upper
 202 100
 200 21.3 17.0 25.4
 203 17.6 14.3 21.5





#79

Terphenyl-d14

Concen: 74.022 ng

RT: 12.904 min Scan# 112937

Delta R.T. -0.012 min

Lab File: BF141398.D

Acq: 04 Feb 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:244 Resp: 112937

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

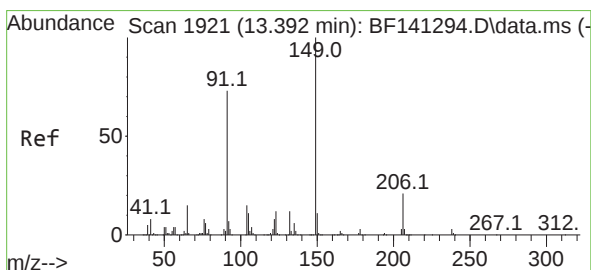
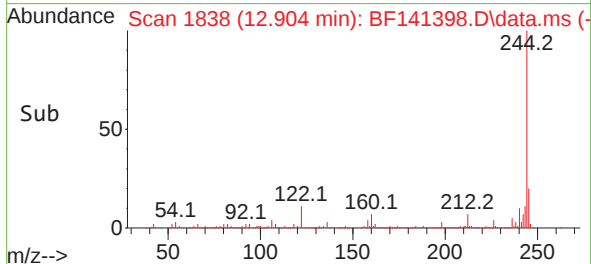
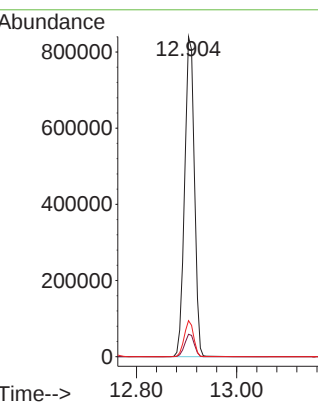
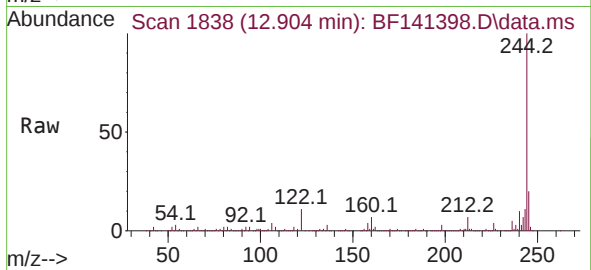
122 11.3 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/05/2025

Supervised By :mohammad ahmed 02/05/2025



#80

Butylbenzylphthalate

Concen: 41.239 ng

RT: 13.386 min Scan# 1920

Delta R.T. -0.006 min

Lab File: BF141398.D

Acq: 04 Feb 2025 10:42

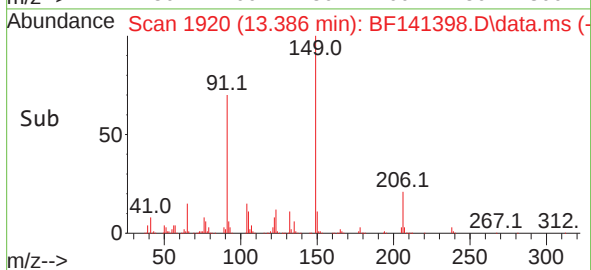
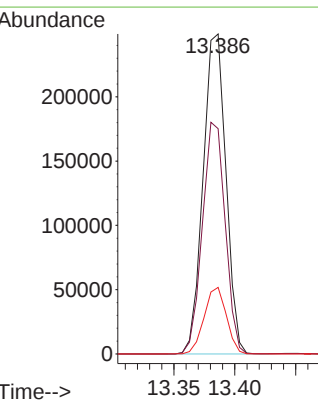
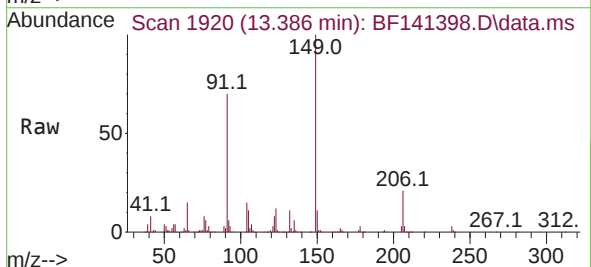
Tgt Ion:149 Resp: 325399

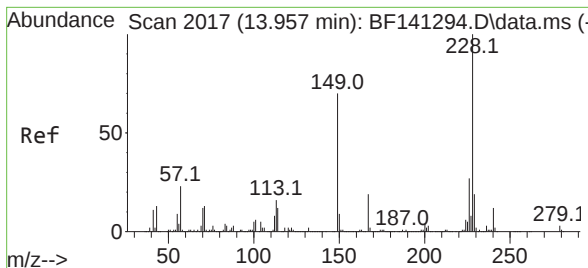
Ion Ratio Lower Upper

149 100

91 70.4 58.6 87.8

206 20.8 16.7 25.1





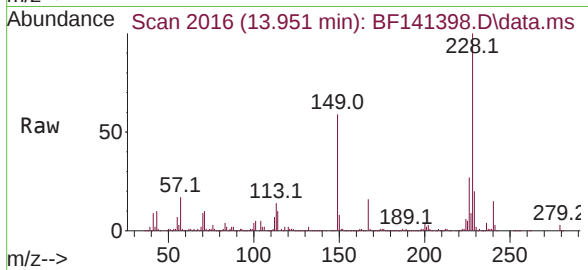
#81
Benzo(a)anthracene
Concen: 37.824 ng
RT: 13.951 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF141398.D
Acq: 04 Feb 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

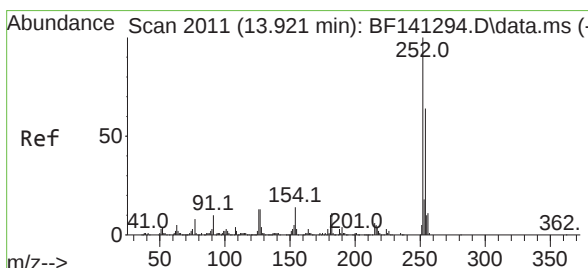
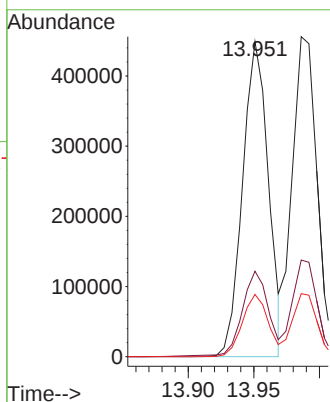
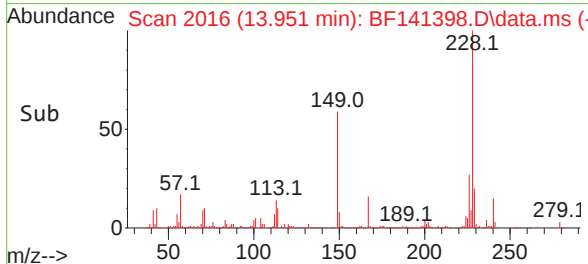


Tgt Ion:228 Resp: 614138
Ion Ratio Lower Upper
228 100
226 27.1 21.4 32.2
229 19.8 15.5 23.3

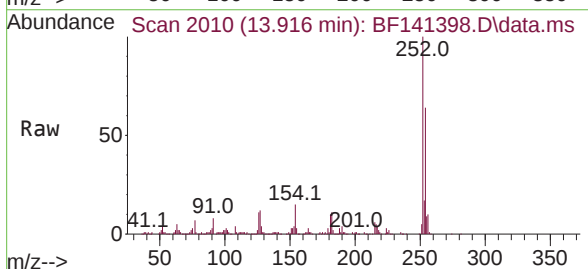
Manual Integrations

APPROVED

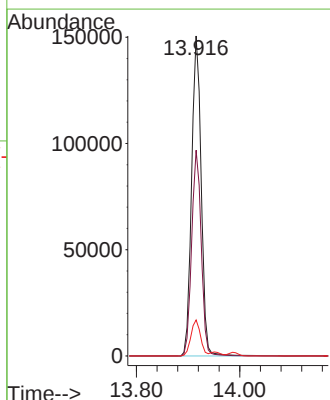
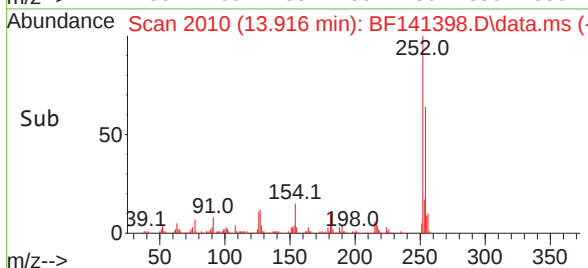
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

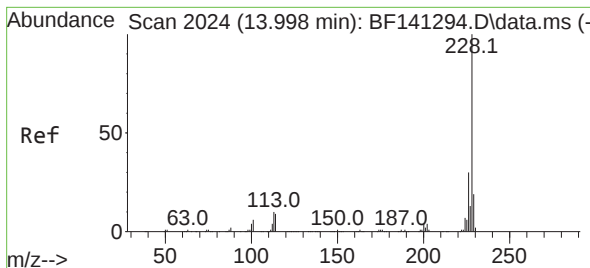


#82
3,3'-Dichlorobenzidine
Concen: 37.529 ng
RT: 13.916 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF141398.D
Acq: 04 Feb 2025 10:42



Tgt Ion:252 Resp: 193800
Ion Ratio Lower Upper
252 100
254 64.3 51.3 76.9
126 11.3 10.0 15.0





#83

Chrysene

Concen: 40.160 ng

RT: 13.986 min Scan# 2015

Delta R.T. -0.012 min

Lab File: BF141398.D

Acq: 04 Feb 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 597592

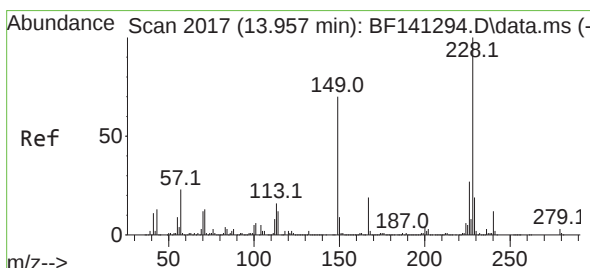
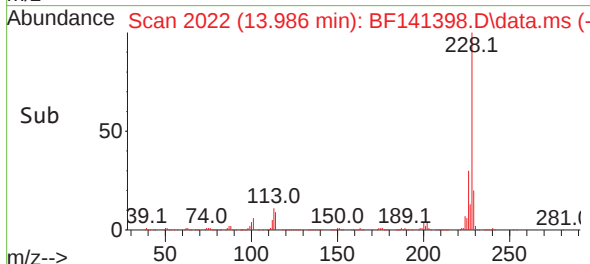
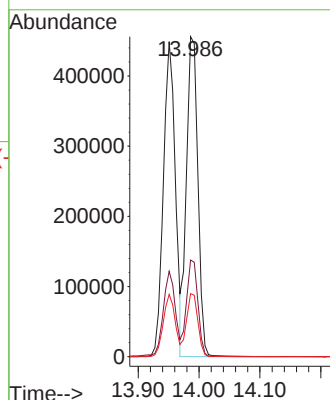
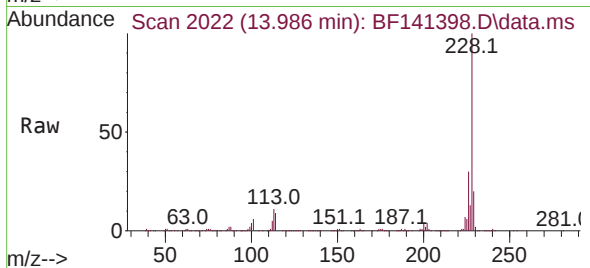
Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.1	36.1
229	19.7	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/05/2025

Supervised By :mohammad ahmed 02/05/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.781 ng

RT: 13.945 min Scan# 2015

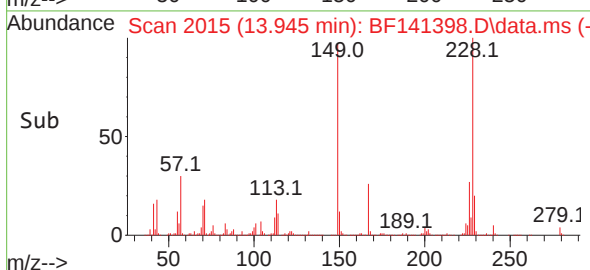
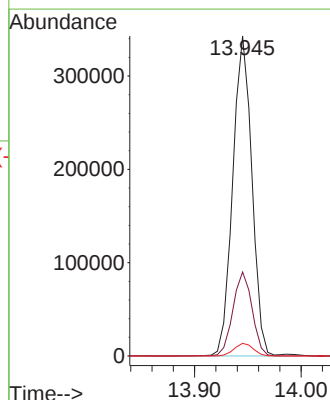
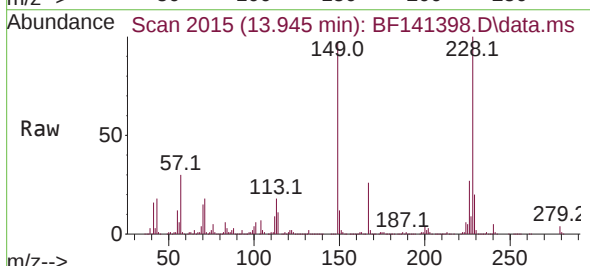
Delta R.T. -0.012 min

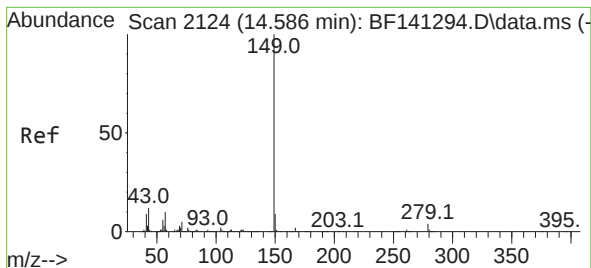
Lab File: BF141398.D

Acq: 04 Feb 2025 10:42

Tgt Ion:149 Resp: 428215

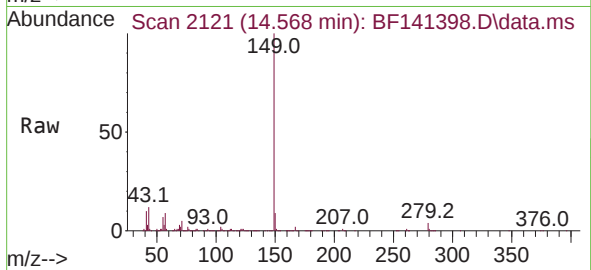
Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.8	32.8
279	3.9	3.3	4.9





#85
Di-n-octyl phthalate
Concen: 42.840 ng
RT: 14.568 min Scan# 2124
Delta R.T. -0.018 min
Lab File: BF141398.D
Acq: 04 Feb 2025 10:42

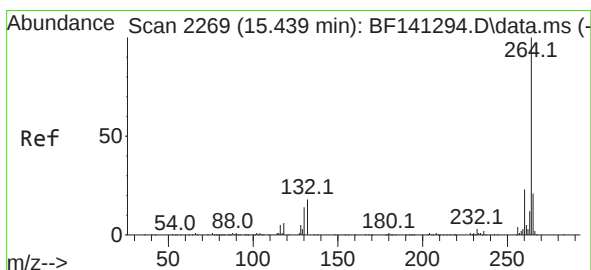
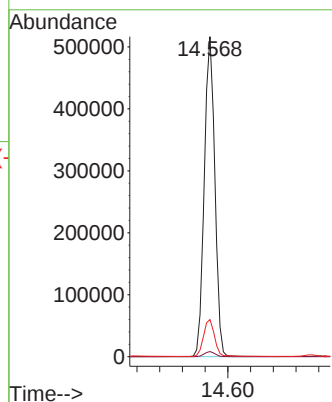
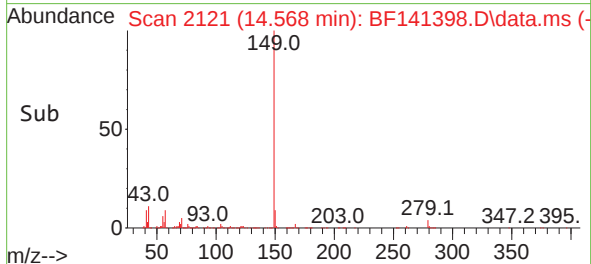
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



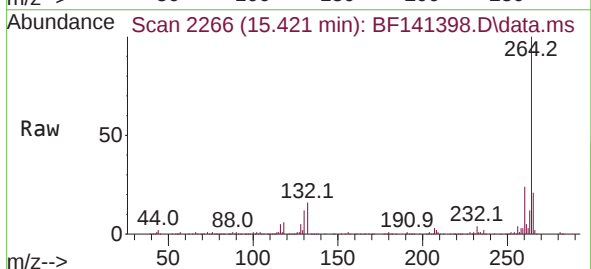
Tgt Ion:149 Resp: 666025
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.9 9.8 14.8

Manual Integrations
APPROVED

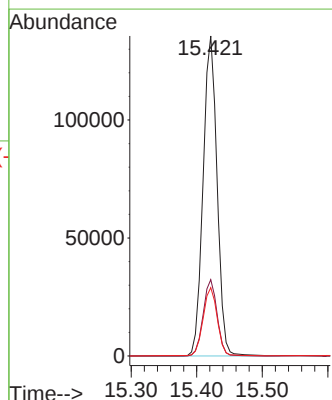
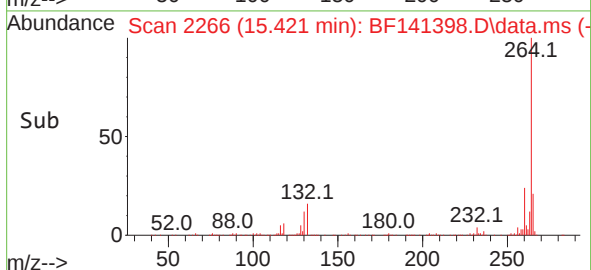
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

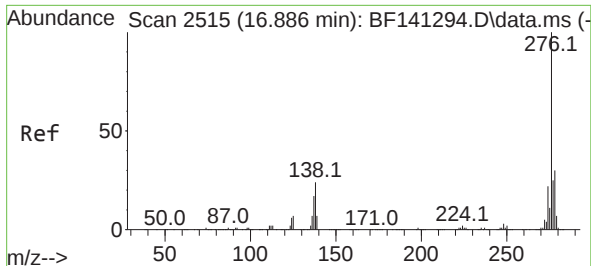


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2266
Delta R.T. -0.018 min
Lab File: BF141398.D
Acq: 04 Feb 2025 10:42



Tgt Ion:264 Resp: 201713
Ion Ratio Lower Upper
264 100
260 23.9 18.6 27.8
265 21.4 16.7 25.1





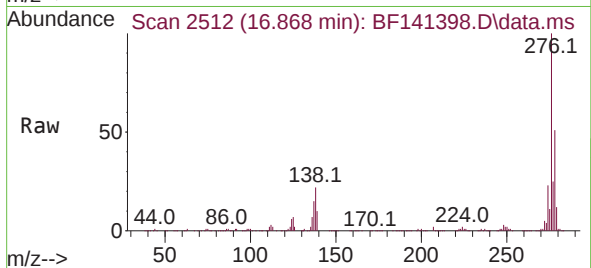
#87
Indeno(1,2,3-cd)pyrene
Concen: 41.469 ng
RT: 16.868 min Scan# 2195
Delta R.T. -0.029 min
Lab File: BF141398.D
Acq: 04 Feb 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

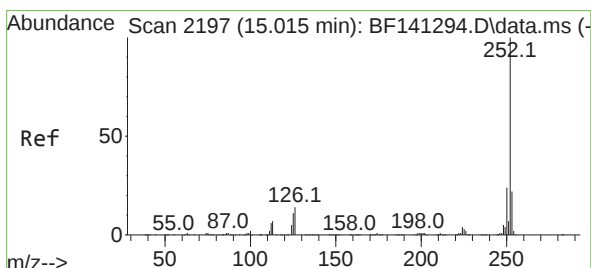
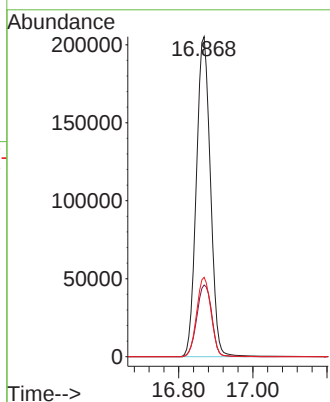
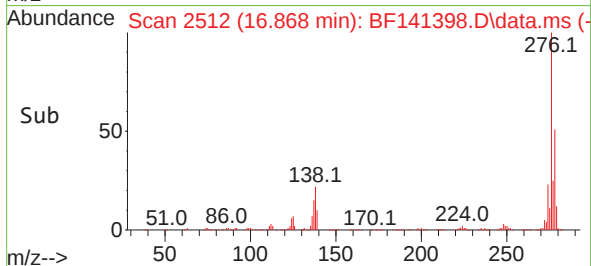


Tgt Ion:276 Resp: 53988
Ion Ratio Lower Upper
276 100
138 23.8 21.7 32.5
277 25.2 20.3 30.5

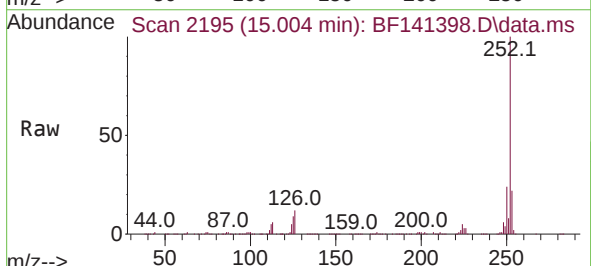
Manual Integrations

APPROVED

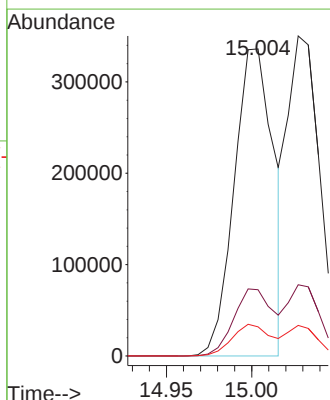
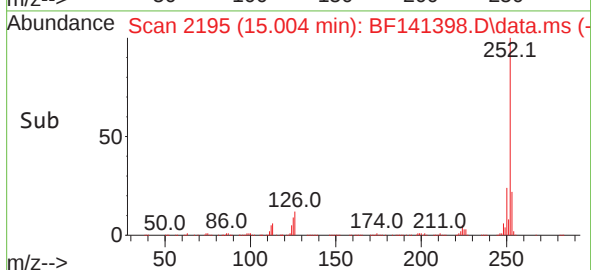
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

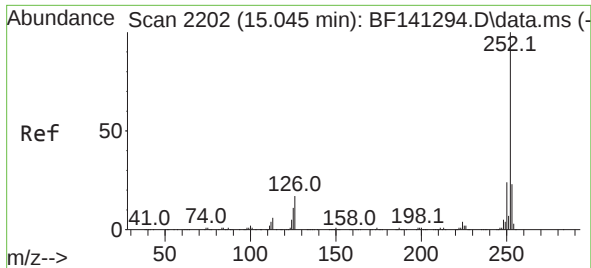


#88
Benzo(b)fluoranthene
Concen: 42.641 ng
RT: 15.004 min Scan# 2195
Delta R.T. -0.018 min
Lab File: BF141398.D
Acq: 04 Feb 2025 10:42



Tgt Ion:252 Resp: 541045
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.2
125 9.5 8.6 12.8





#89
Benzo(k)fluoranthene
Concen: 40.917 ng
RT: 15.027 min Scan# 2199
Delta R.T. -0.024 min
Lab File: BF141398.D
Acq: 04 Feb 2025 10:42

Instrument :

BNA_F

ClientSampleId :

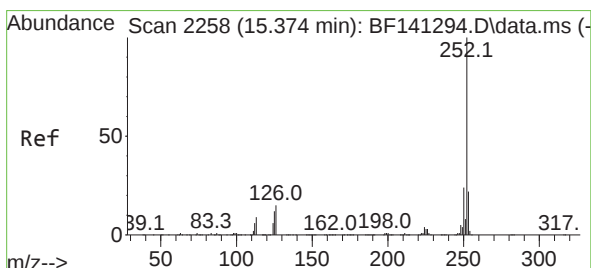
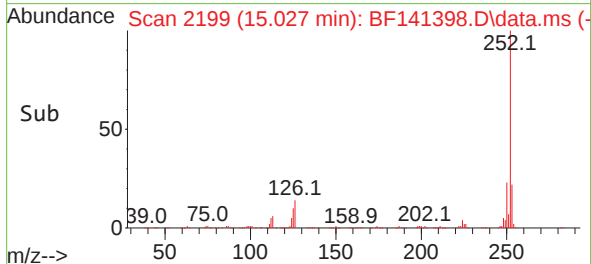
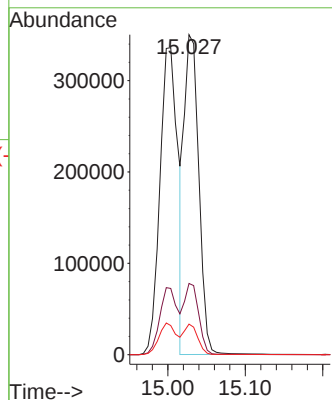
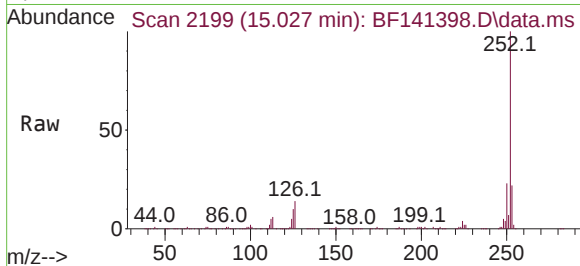
SSTDCCC040

Tgt Ion:252 Resp: 45992
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 9.5 8.4 12.6

Manual Integrations

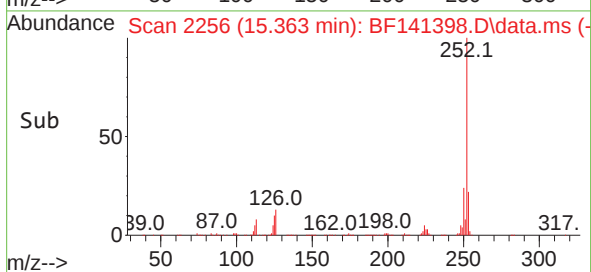
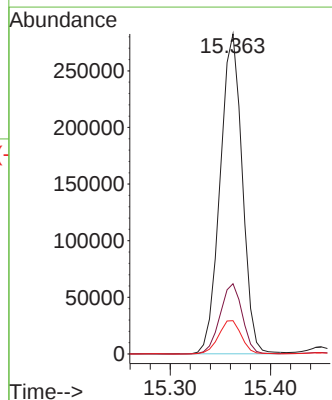
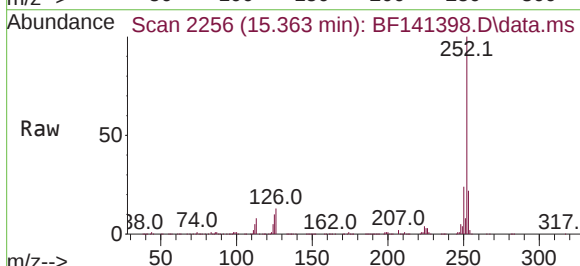
APPROVED

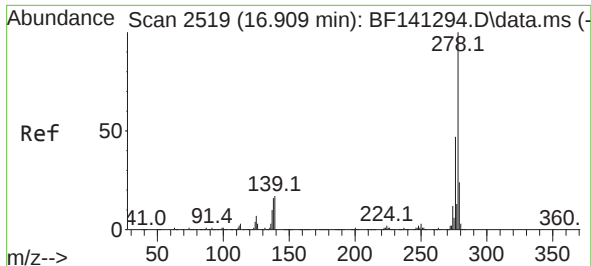
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#90
Benzo(a)pyrene
Concen: 40.330 ng
RT: 15.363 min Scan# 2256
Delta R.T. -0.018 min
Lab File: BF141398.D
Acq: 04 Feb 2025 10:42

Tgt Ion:252 Resp: 432427
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 10.4 9.4 14.2





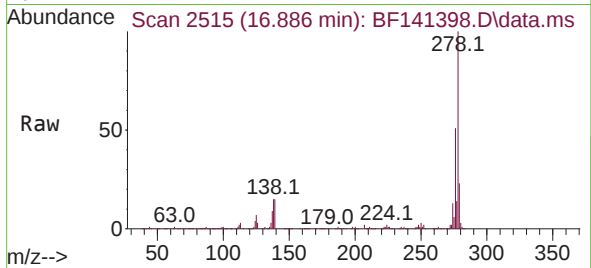
#91
Dibenzo(a,h)anthracene
Concen: 41.123 ng
RT: 16.886 min Scan# 2519
Delta R.T. -0.035 min
Lab File: BF141398.D
Acq: 04 Feb 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



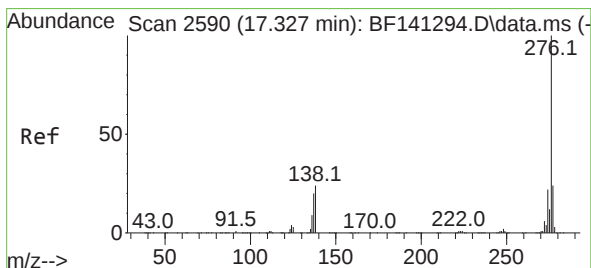
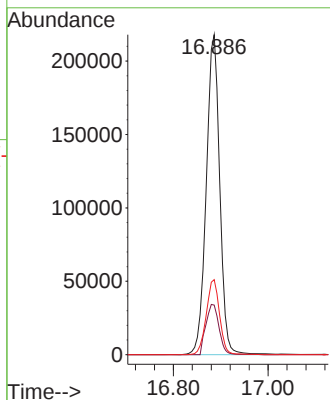
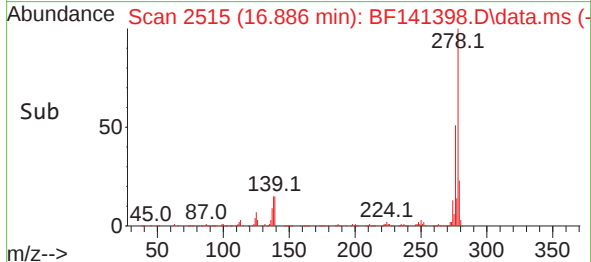
Tgt Ion:278 Resp: 430740
Ion Ratio Lower Upper
278 100
139 15.5 13.9 20.9
279 23.4 18.8 28.2

Manual Integrations

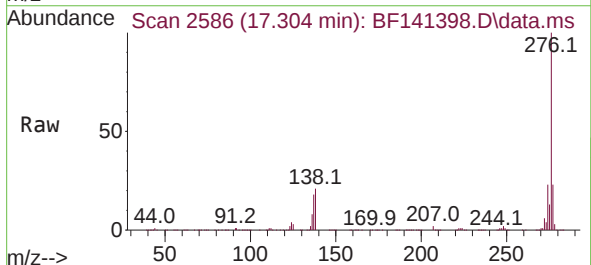
APPROVED

Reviewed By :Yogesh Patel 02/05/2025

Supervised By :mohammad ahmed 02/05/2025



#92
Benzo(g,h,i)perylene
Concen: 41.212 ng
RT: 17.304 min Scan# 2586
Delta R.T. -0.041 min
Lab File: BF141398.D
Acq: 04 Feb 2025 10:42



Tgt Ion:276 Resp: 448843
Ion Ratio Lower Upper
276 100
277 23.3 19.2 28.8
138 20.7 19.0 28.4

