

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
 Data File : BF141361.D
 Acq On : 03 Feb 2025 11:24
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025
 Supervised By :mohammad ahmed 02/06/2025

Quant Time: Feb 03 11:47:56 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	6.798	152	93803	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	362783	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	198566	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	334466	20.000	ng	0.00
76) Chrysene-d12	13.968	240	243574	20.000	ng	0.00
86) Perylene-d12	15.427	264	284769	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	492717	80.639	ng	0.00
7) Phenol-d6	6.439	99	615730	79.215	ng	0.00
23) Nitrobenzene-d5	7.363	82	576560	83.781	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	158958	87.321	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1044178	80.940	ng	0.00
79) Terphenyl-d14	12.910	244	1114591	70.570	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.475	88	118270	44.012	ng	99
3) Pyridine	3.210	79	248823	38.431	ng	97
4) n-Nitrosodimethylamine	3.163	42	157786	42.660	ng	92
6) Aniline	6.457	93	244181	37.112	ng	# 10
8) 2-Chlorophenol	6.587	128	266456	40.687	ng	98
9) Benzaldehyde	6.345	77	185452	41.190	ng	99
10) Phenol	6.451	94	323771	39.294	ng	# 73
11) bis(2-Chloroethyl)ether	6.534	93	244237	38.659	ng	99
12) 1,3-Dichlorobenzene	6.739	146	294934	40.844	ng	99
13) 1,4-Dichlorobenzene	6.816	146	294184	40.554	ng	99
14) 1,2-Dichlorobenzene	6.969	146	276119	40.649	ng	99
15) Benzyl Alcohol	6.939	79	227583	42.844	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.075	45	412661	37.563	ng	68
17) 2-Methylphenol	7.063	107	205926	38.689	ng	# 90
18) Hexachloroethane	7.310	117	110745	41.383	ng	97
19) n-Nitroso-di-n-propyla...	7.210	70	182630	39.542	ng	99
20) 3+4-Methylphenols	7.216	107	271346	41.520	ng	# 84
22) Acetophenone	7.204	105	363495	42.153	ng	# 96
24) Nitrobenzene	7.381	77	295113	41.381	ng	99
25) Isophorone	7.616	82	473753	39.825	ng	99
26) 2-Nitrophenol	7.698	139	139470	41.467	ng	99
27) 2,4-Dimethylphenol	7.739	122	169654m	39.629	ng	
28) bis(2-Chloroethoxy)met...	7.828	93	300026	39.540	ng	99
29) 2,4-Dichlorophenol	7.945	162	215476	41.114	ng	99
30) 1,2,4-Trichlorobenzene	8.022	180	243325	40.654	ng	99
31) Naphthalene	8.104	128	782884	40.850	ng	100
32) Benzoic acid	7.857	122	164754	41.864	ng	98
33) 4-Chloroaniline	8.151	127	252352	38.830	ng	99
34) Hexachlorobutadiene	8.216	225	150331	42.830	ng	99
35) Caprolactam	8.516	113	68685	40.128	ng	98
36) 4-Chloro-3-methylphenol	8.639	107	235016	41.805	ng	96
37) 2-Methylnaphthalene	8.792	142	500491	41.088	ng	100
38) 1-Methylnaphthalene	8.892	142	487831	40.770	ng	100
40) 1,2,4,5-Tetrachloroben...	8.957	216	227300	40.237	ng	99
41) Hexachlorocyclopentadiene	8.945	237	73377	43.983	ng	100
43) 2,4,6-Trichlorophenol	9.075	196	152514	41.248	ng	98

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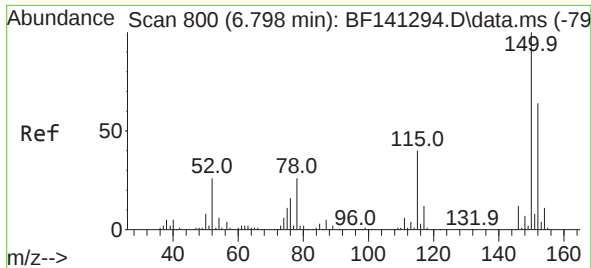
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	165119	41.031	ng	98
46) 1,1'-Biphenyl	9.257	154	614766	39.699	ng	98
47) 2-Chloronaphthalene	9.280	162	479677	39.740	ng	100
48) 2-Nitroaniline	9.380	65	155868	41.055	ng	98
49) Acenaphthylene	9.698	152	674542	39.923	ng	100
50) Dimethylphthalate	9.557	163	543455	40.523	ng	100
51) 2,6-Dinitrotoluene	9.622	165	125020	40.149	ng	98
52) Acenaphthene	9.869	154	491940	40.755	ng	99
53) 3-Nitroaniline	9.792	138	127750	41.859	ng	98
54) 2,4-Dinitrophenol	9.898	184	64595	44.625	ng	93
55) Dibenzofuran	10.039	168	655150	40.548	ng	98
56) 4-Nitrophenol	9.975	139	101492	45.471	ng	96
57) 2,4-Dinitrotoluene	10.022	165	169109	41.946	ng	97
58) Fluorene	10.380	166	520788	41.554	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	135793	42.892	ng	99
60) Diethylphthalate	10.257	149	533471	41.025	ng	99
61) 4-Chlorophenyl-phenyle...	10.374	204	252040	41.170	ng	98
62) 4-Nitroaniline	10.404	138	131617	43.865	ng	96
63) Azobenzene	10.533	77	521272	40.048	ng	98
65) 4,6-Dinitro-2-methylph...	10.433	198	92723	46.869	ng	99
66) n-Nitrosodiphenylamine	10.498	169	440088	40.682	ng	100
67) 4-Bromophenyl-phenylether	10.869	248	156199	41.715	ng	97
68) Hexachlorobenzene	10.933	284	166289	41.866	ng	97
69) Atrazine	11.022	200	144588	39.975	ng	98
70) Pentachlorophenol	11.127	266	101747	43.745	ng	98
71) Phenanthrene	11.345	178	756115	42.056	ng	100
72) Anthracene	11.398	178	747273	42.420	ng	100
73) Carbazole	11.551	167	690858	44.227	ng	99
74) Di-n-butylphthalate	11.886	149	815911	43.100	ng	100
75) Fluoranthene	12.533	202	809964	45.626	ng	99
77) Benzidine	12.657	184	305172	39.082	ng	99
78) Pyrene	12.763	202	817992	34.986	ng	100
80) Butylbenzylphthalate	13.386	149	312910	38.308	ng	99
81) Benzo(a)anthracene	13.957	228	644165	38.325	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	212156	39.687	ng	99
83) Chrysene	13.992	228	601529	39.050	ng	100
84) Bis(2-ethylhexyl)phtha...	13.945	149	436692	42.145	ng	98
85) Di-n-octyl phthalate	14.574	149	716424	44.516	ng	100
87) Indeno(1,2,3-cd)pyrene	16.874	276	796465	43.334	ng	100
88) Benzo(b)fluoranthene	15.009	252	791291	44.175	ng	100
89) Benzo(k)fluoranthene	15.039	252	586341	36.950	ng	100
90) Benzo(a)pyrene	15.368	252	628247	41.504	ng	100
91) Dibenzo(a,h)anthracene	16.898	278	640257	43.298	ng	100
92) Benzo(g,h,i)perylene	17.315	276	672962	43.768	ng	100

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF141361.D
Acq: 03 Feb 2025 11:24

Instrument :

BNA_F

ClientSampleId :

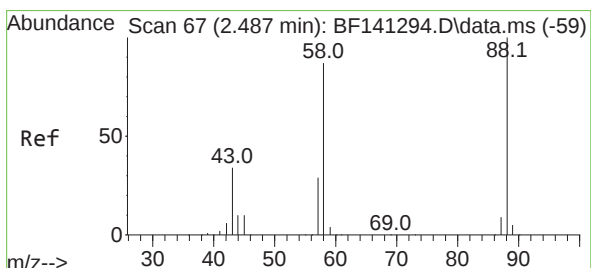
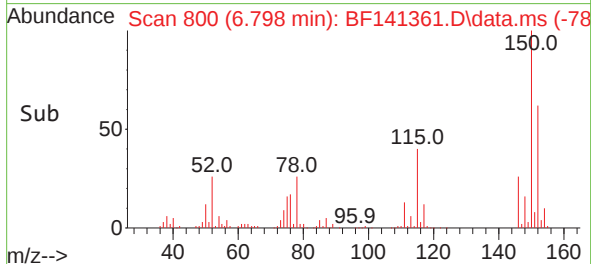
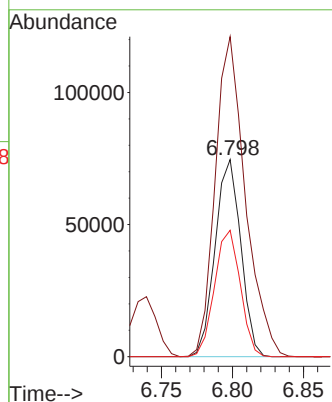
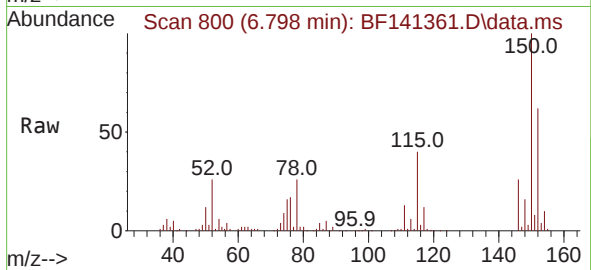
SSTDCCC040

Tgt Ion:152 Resp: 9380
Ion Ratio Lower Upper
152 100
150 162.4 125.9 188.9
115 64.2 49.7 74.5

Manual Integrations

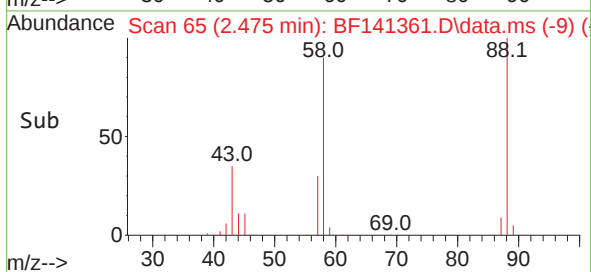
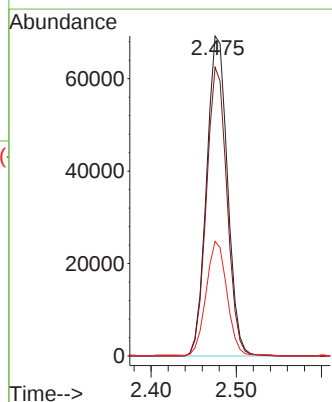
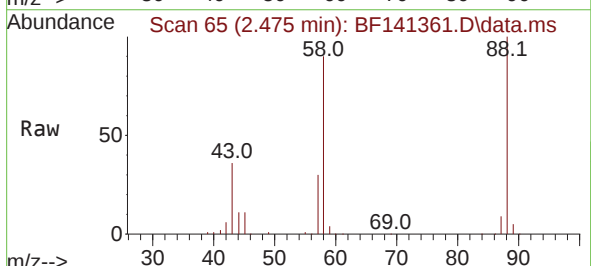
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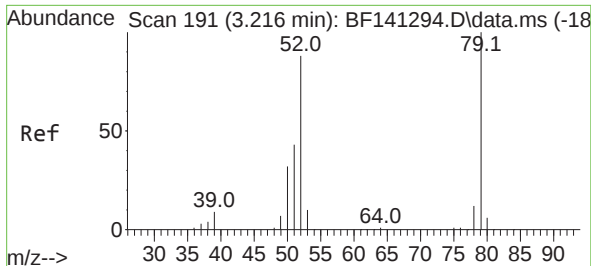
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#2
1,4-Dioxane
Concen: 44.012 ng
RT: 2.475 min Scan# 65
Delta R.T. -0.018 min
Lab File: BF141361.D
Acq: 03 Feb 2025 11:24

Tgt Ion: 88 Resp: 118270
Ion Ratio Lower Upper
88 100
58 88.7 70.2 105.4
43 36.1 27.6 41.4





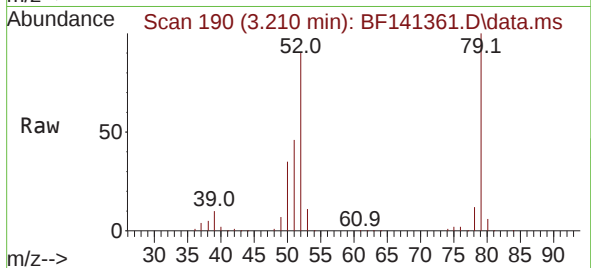
#3
Pyridine
Concen: 38.431 ng
RT: 3.210 min Scan# 191
Delta R.T. -0.018 min
Lab File: BF141361.D
Acq: 03 Feb 2025 11:24

Instrument :

BNA_F

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SSTDCCC040

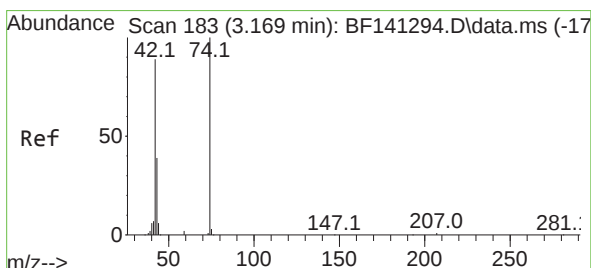
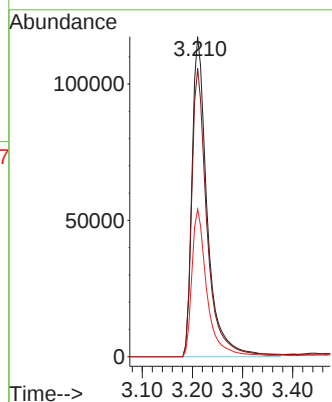
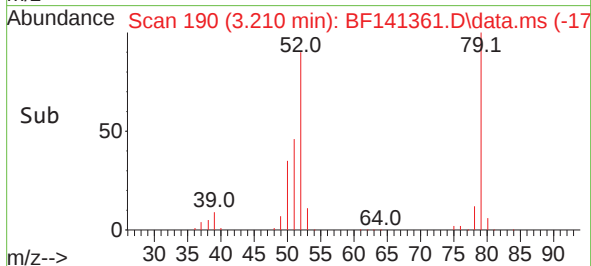


Tgt Ion: 79 Resp: 24882
Ion Ratio Lower Upper
79 100
52 90.1 70.3 105.5
51 46.1 34.3 51.5

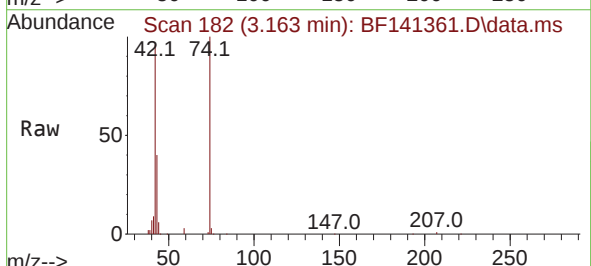
Manual Integrations

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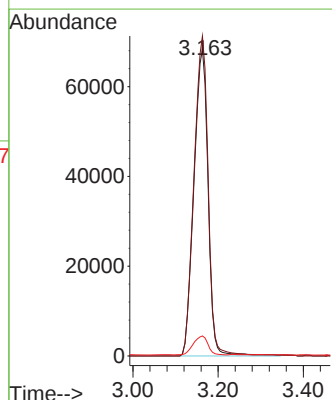
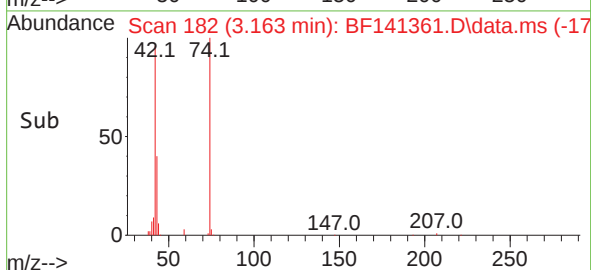
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025

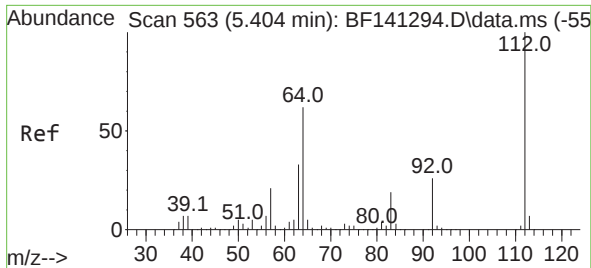


#4
n-Nitrosodimethylamine
Concen: 42.660 ng
RT: 3.163 min Scan# 182
Delta R.T. -0.036 min
Lab File: BF141361.D
Acq: 03 Feb 2025 11:24



Tgt Ion: 42 Resp: 157786
Ion Ratio Lower Upper
42 100
74 104.4 90.3 135.5
44 6.5 5.7 8.5





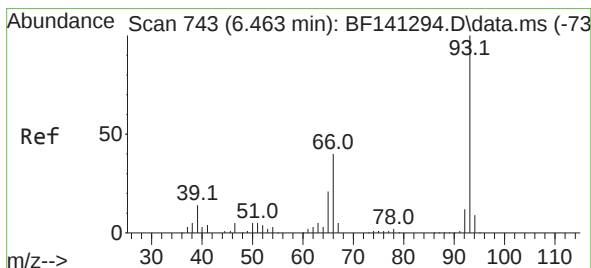
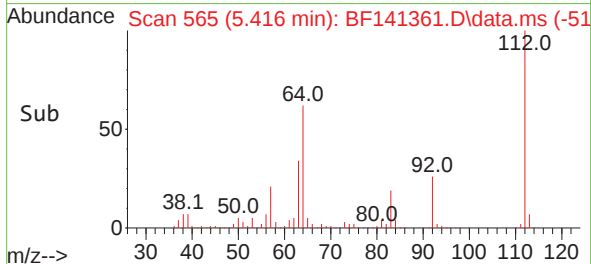
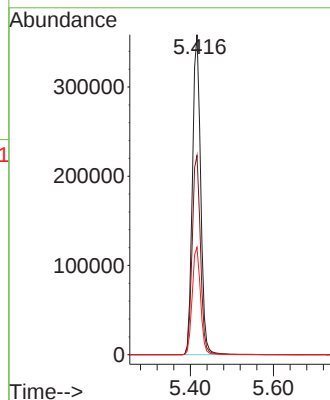
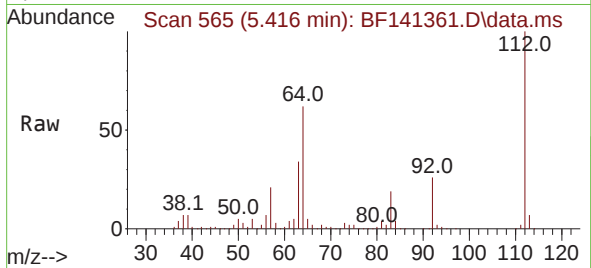
#5
2-Fluorophenol
Concen: 80.639 ng
RT: 5.416 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF141361.D
Acq: 03 Feb 2025 11:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 49271
Ion Ratio Lower Upper
112 100
64 62.3 49.8 74.8
63 33.5 26.1 39.1

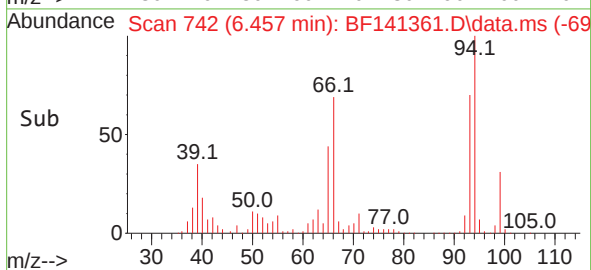
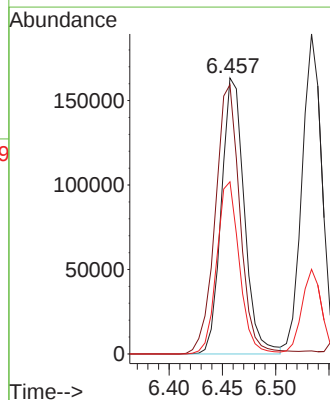
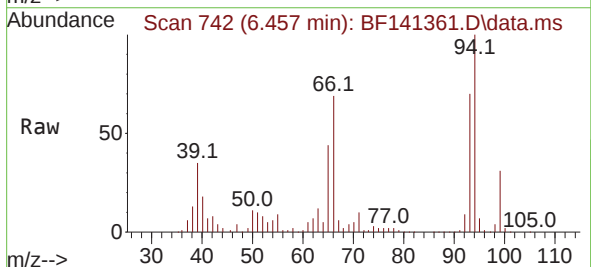
Manual Integrations
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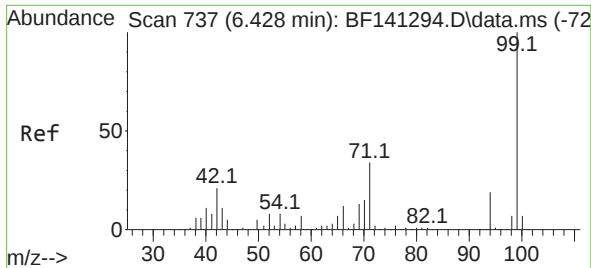
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#6
Aniline
Concen: 37.112 ng
RT: 6.457 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF141361.D
Acq: 03 Feb 2025 11:24

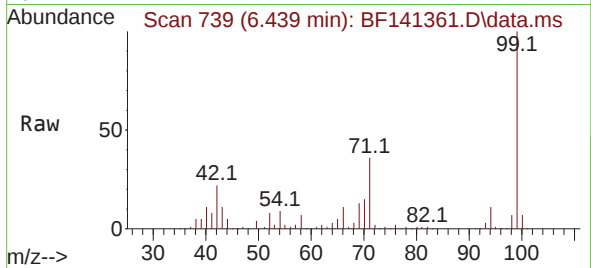
Tgt Ion: 93 Resp: 244181
Ion Ratio Lower Upper
93 100
66 97.6 32.5 48.7#
65 62.4 17.0 25.6#





#7
Phenol-d6
Concen: 79.215 ng
RT: 6.439 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF141361.D
Acq: 03 Feb 2025 11:24

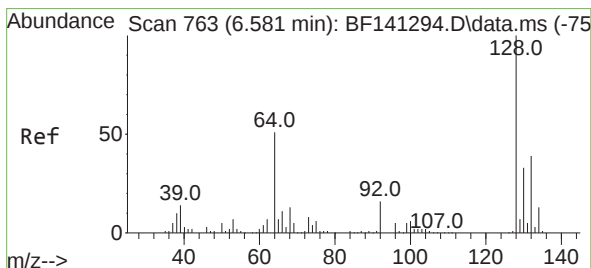
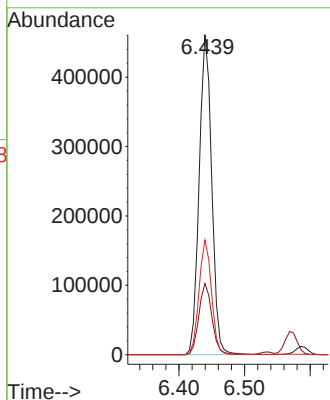
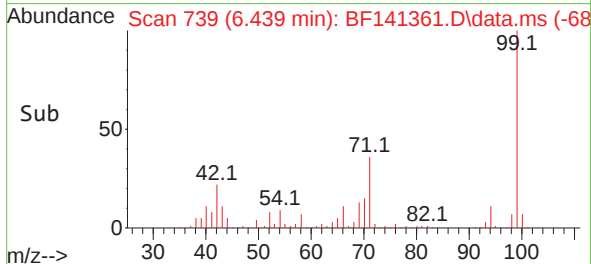
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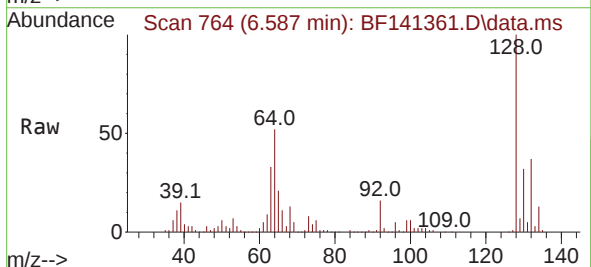
Tgt Ion: 99 Resp: 615730
Ion Ratio Lower Upper
99 100
42 22.3 17.1 25.7
71 35.8 26.9 40.3

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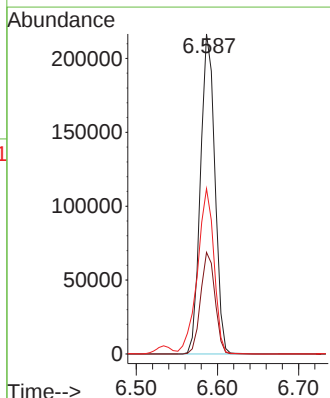
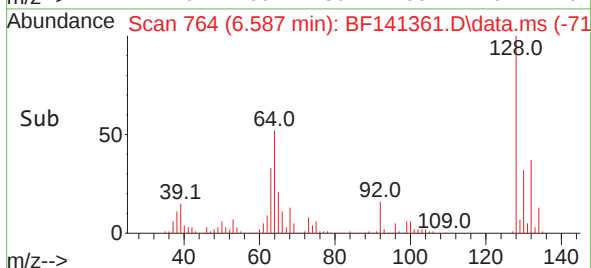
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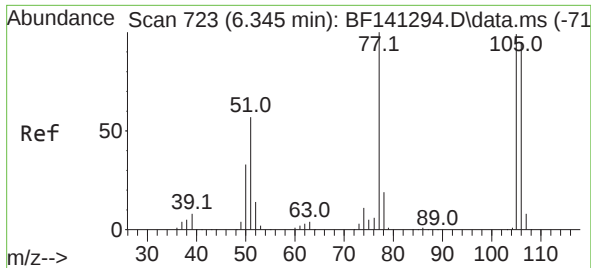


#8
2-Chlorophenol
Concen: 40.687 ng
RT: 6.587 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF141361.D
Acq: 03 Feb 2025 11:24



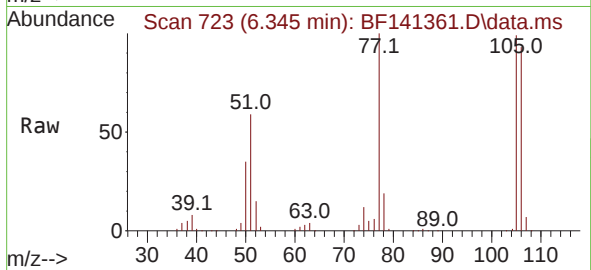
Tgt Ion:128 Resp: 266456
Ion Ratio Lower Upper
128 100
130 31.8 12.5 52.5
64 51.7 32.9 72.9





#9
Benzaldehyde
Concen: 41.190 ng
RT: 6.345 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141361.D
Acq: 03 Feb 2025 11:24

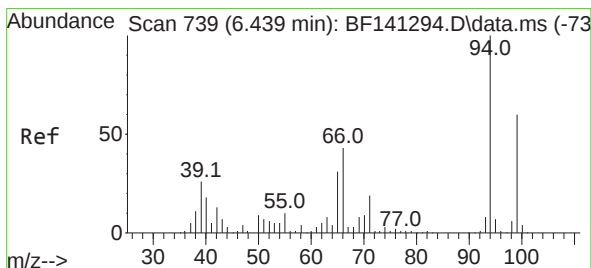
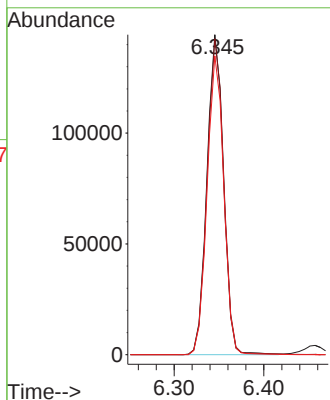
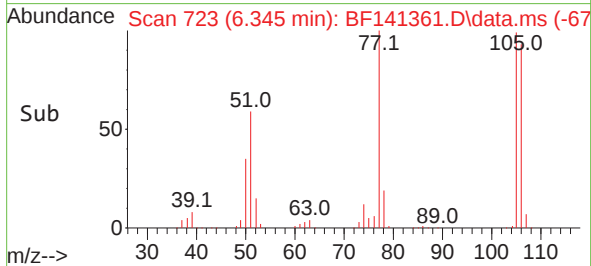
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 77 Resp: 185452
Ion Ratio Lower Upper
77 100
105 98.8 79.4 119.4
106 93.4 74.6 114.6

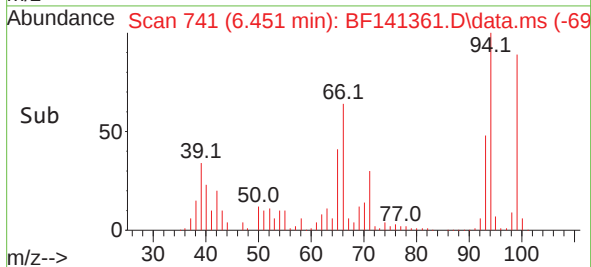
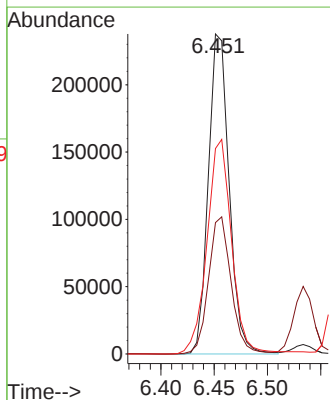
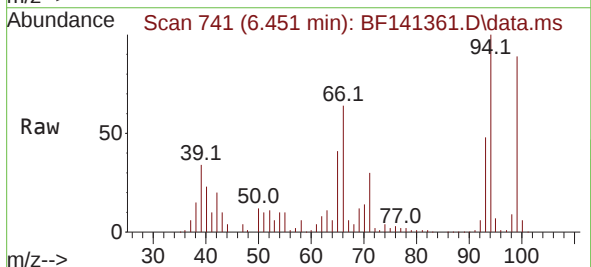
Manual Integrations
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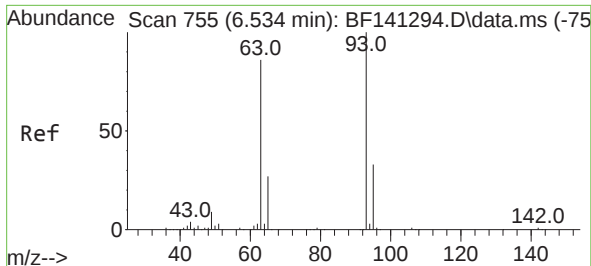
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#10
Phenol
Concen: 39.294 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF141361.D
Acq: 03 Feb 2025 11:24

Tgt Ion: 94 Resp: 323771
Ion Ratio Lower Upper
94 100
65 41.1 10.8 50.8
66 64.2 23.3 63.3#





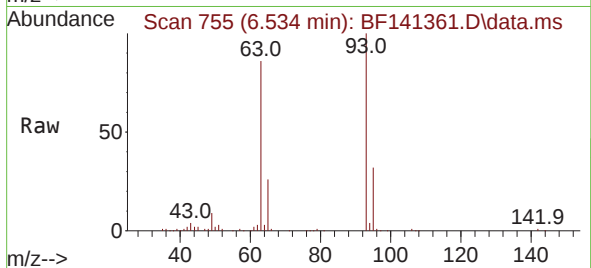
#11
bis(2-Chloroethyl)ether
Concen: 38.659 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF141361.D
Acq: 03 Feb 2025 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

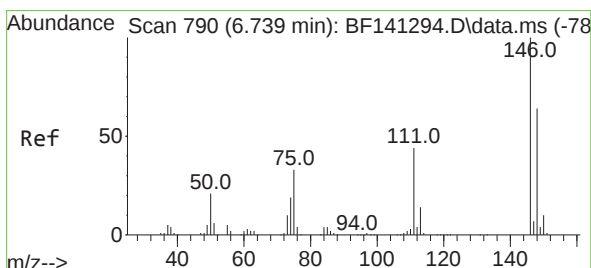
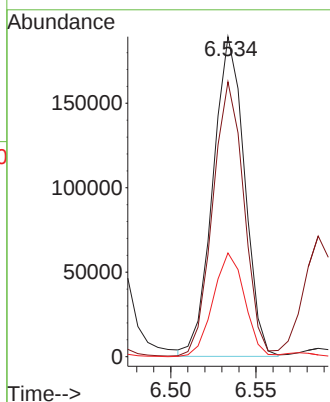
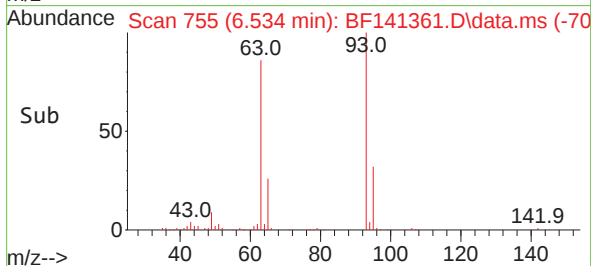


Tgt Ion: 93 Resp: 24423
Ion Ratio Lower Upper
93 100
63 85.9 65.0 105.0
95 32.4 12.4 52.4

Manual Integrations

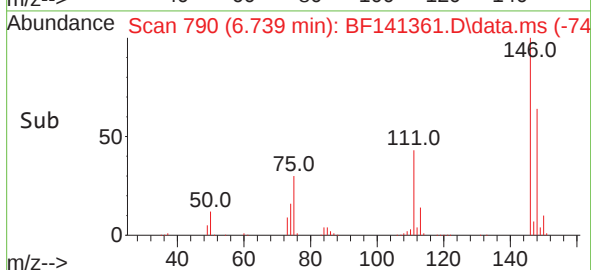
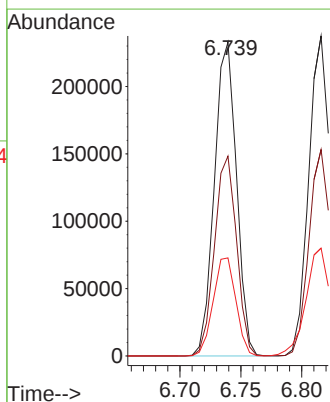
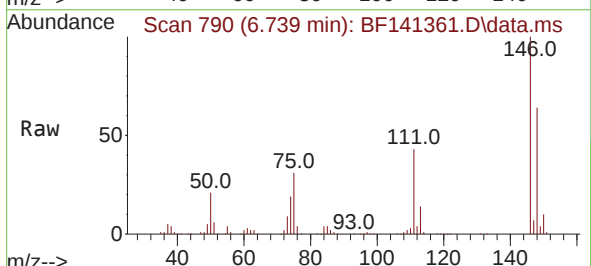
APPROVED

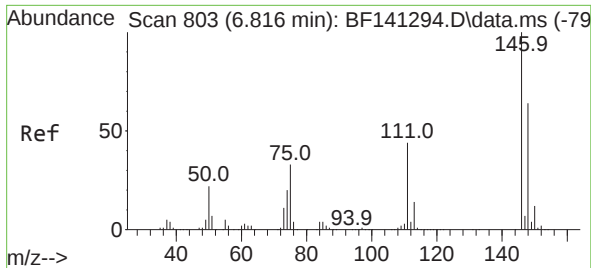
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#12
1,3-Dichlorobenzene
Concen: 40.844 ng
RT: 6.739 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF141361.D
Acq: 03 Feb 2025 11:24

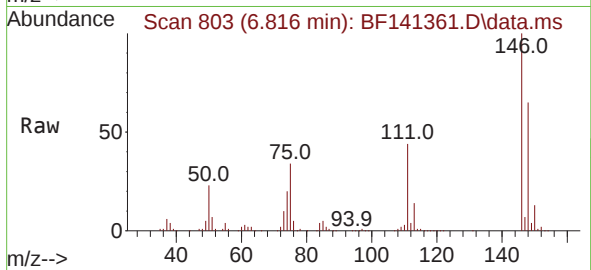
Tgt Ion:146 Resp: 294934
Ion Ratio Lower Upper
146 100
148 63.7 51.2 76.8
75 31.3 26.2 39.4





#13
1,4-Dichlorobenzene
Concen: 40.554 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF141361.D
Acq: 03 Feb 2025 11:24

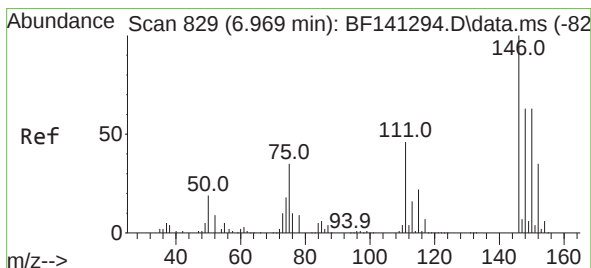
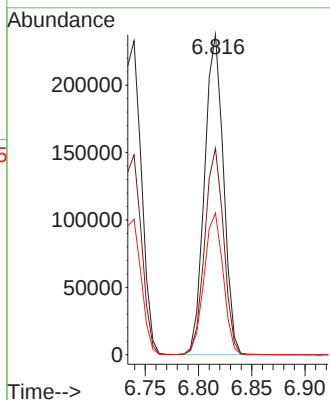
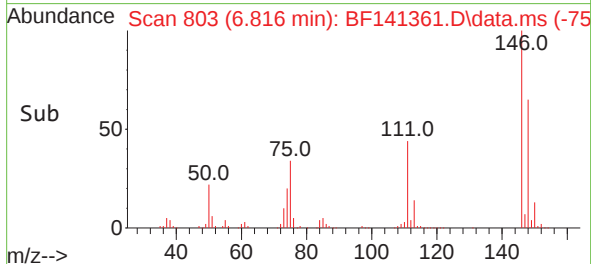
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



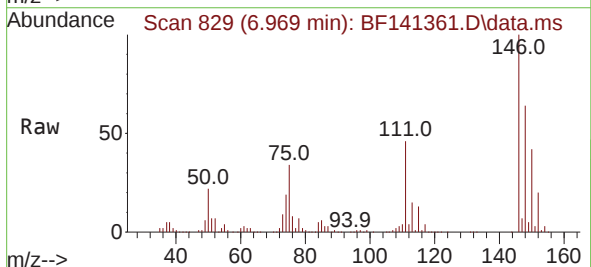
Tgt Ion:146 Resp: 294184
Ion Ratio Lower Upper
146 100
148 64.5 51.2 76.8
111 44.2 35.0 52.4

Manual Integrations
APPROVED

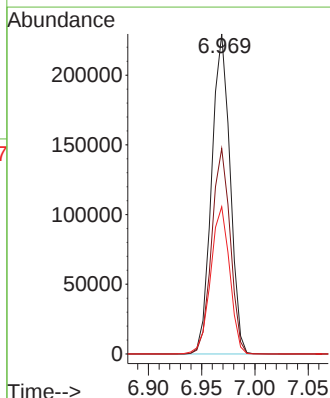
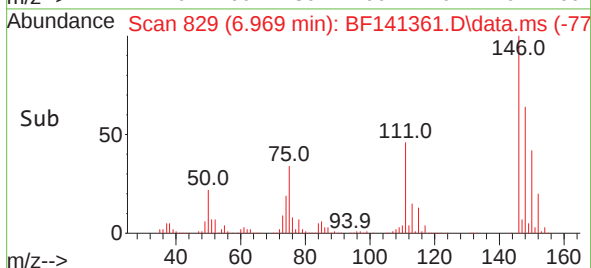
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025

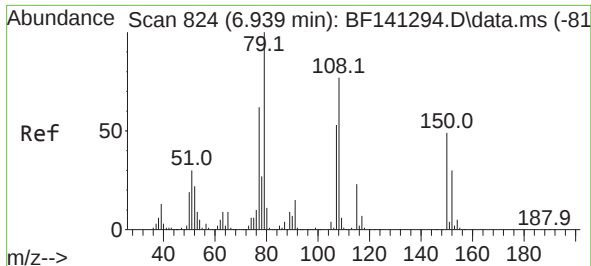


#14
1,2-Dichlorobenzene
Concen: 40.649 ng
RT: 6.969 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF141361.D
Acq: 03 Feb 2025 11:24



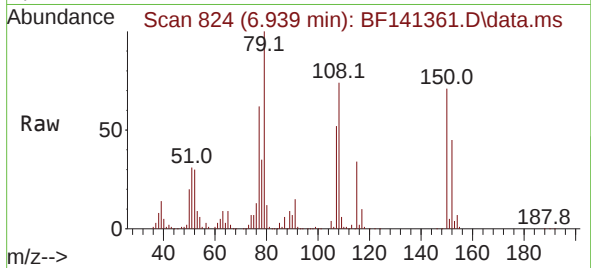
Tgt Ion:146 Resp: 276119
Ion Ratio Lower Upper
146 100
148 64.2 50.5 75.7
111 46.0 36.6 55.0





#15
Benzyl Alcohol
Concen: 42.844 ng
RT: 6.939 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141361.D
Acq: 03 Feb 2025 11:24

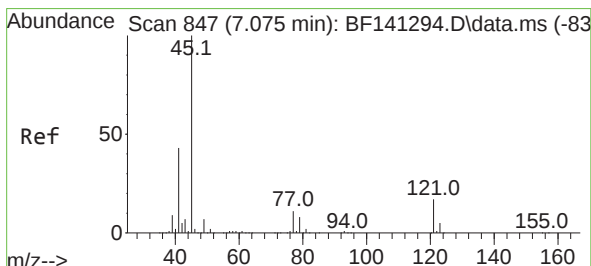
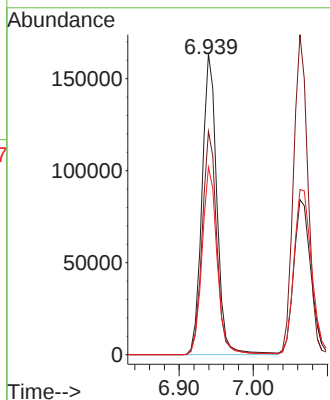
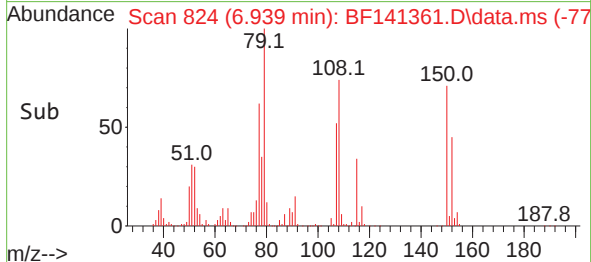
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 79 Resp: 22758
Ion Ratio Lower Upper
79 100
108 74.2 61.4 92.0
77 62.3 49.9 74.9

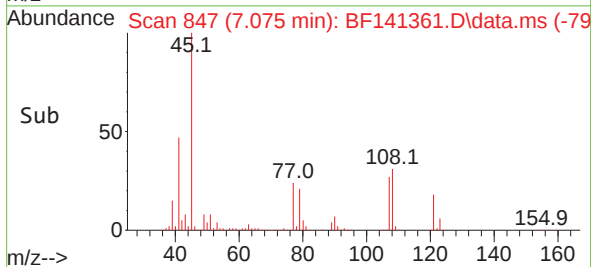
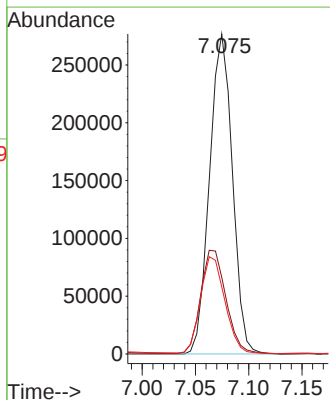
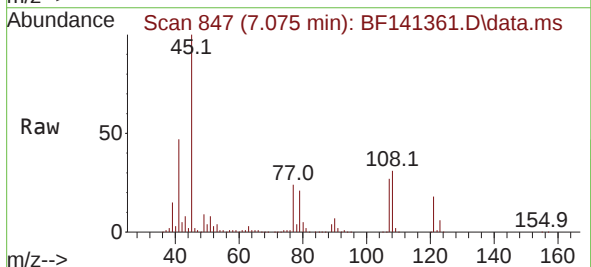
Manual Integrations
APPROVED

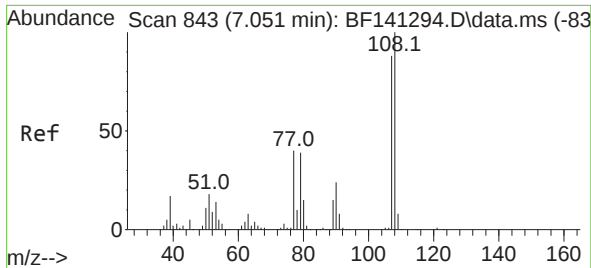
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.563 ng
RT: 7.075 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF141361.D
Acq: 03 Feb 2025 11:24

Tgt Ion: 45 Resp: 412661
Ion Ratio Lower Upper
45 100
77 24.0 0.0 31.8
79 21.0 0.0 29.1





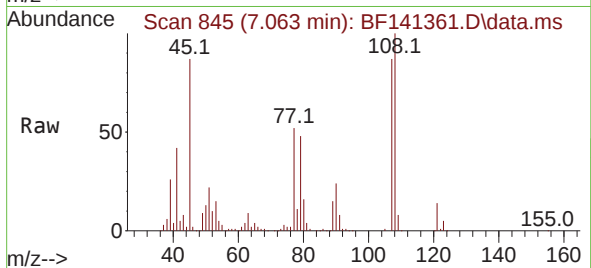
#17
2-Methylphenol
Concen: 38.689 ng
RT: 7.063 min Scan# 843
Delta R.T. 0.006 min
Lab File: BF141361.D
Acq: 03 Feb 2025 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

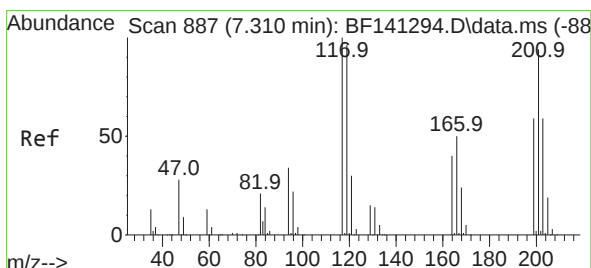
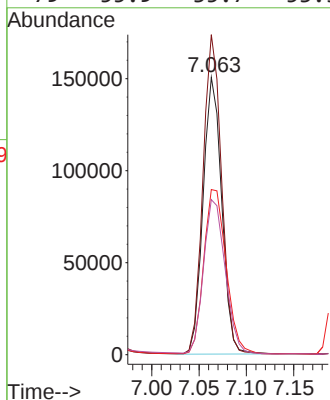
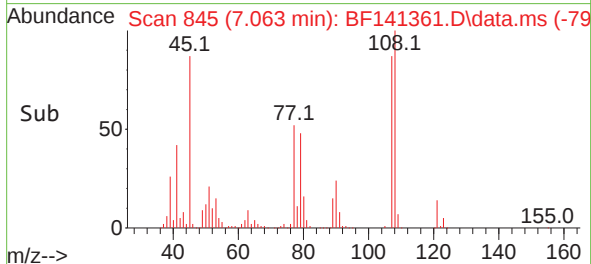


Tgt Ion:107 Resp: 205920
Ion Ratio Lower Upper
107 100
108 115.4 90.8 136.2
77 59.5 36.2 54.4
79 55.9 35.7 53.5#

Manual Integrations

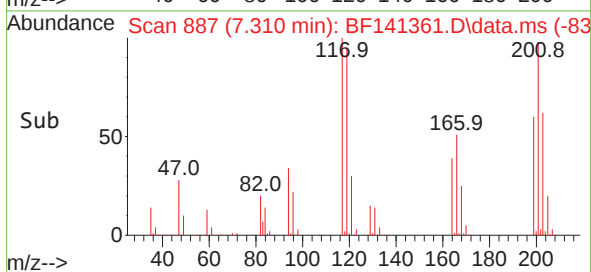
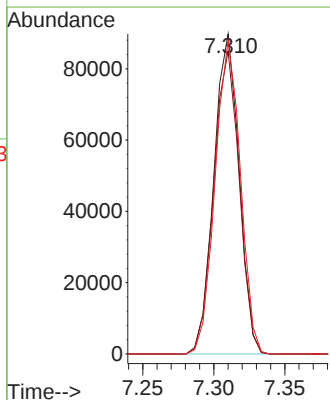
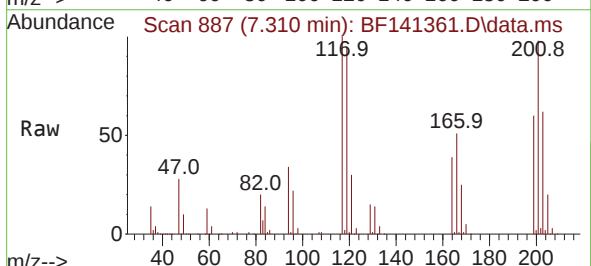
APPROVED

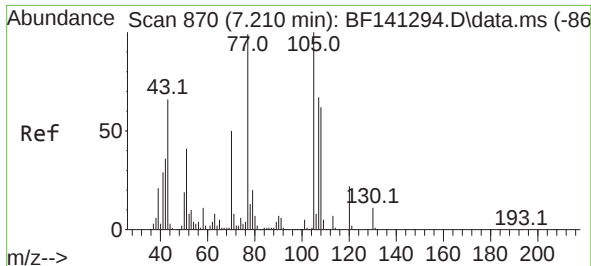
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#18
Hexachloroethane
Concen: 41.383 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF141361.D
Acq: 03 Feb 2025 11:24

Tgt Ion:117 Resp: 110745
Ion Ratio Lower Upper
117 100
119 94.7 76.6 114.8
201 98.0 74.8 112.2





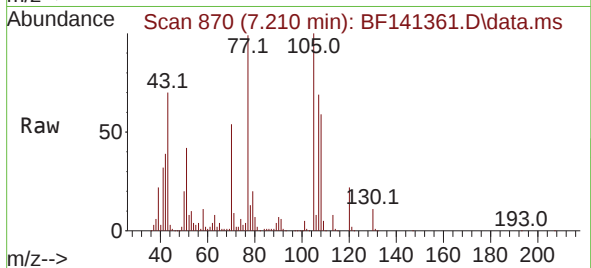
#19
n-Nitroso-di-n-propylamine
Concen: 39.542 ng
RT: 7.210 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF141361.D
Acq: 03 Feb 2025 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

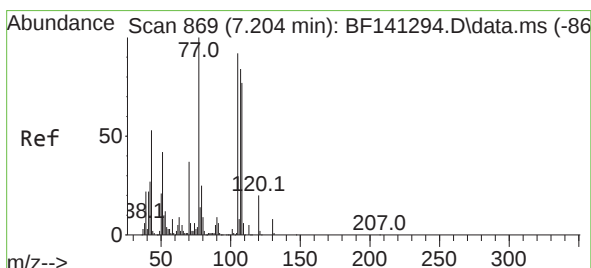
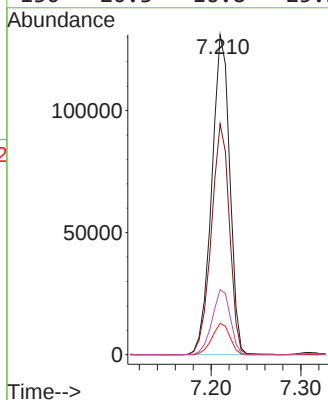
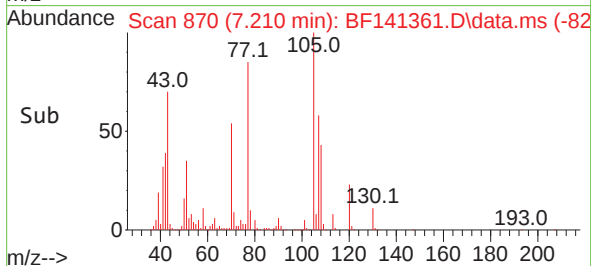


Tgt Ion: 70 Resp: 182630
Ion Ratio Lower Upper
70 100
42 72.2 56.8 85.2
101 9.8 7.7 11.5
130 20.3 16.8 25.2

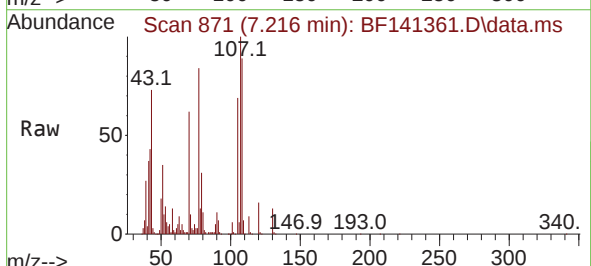
Manual Integrations

APPROVED

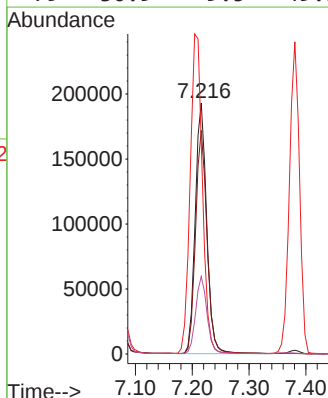
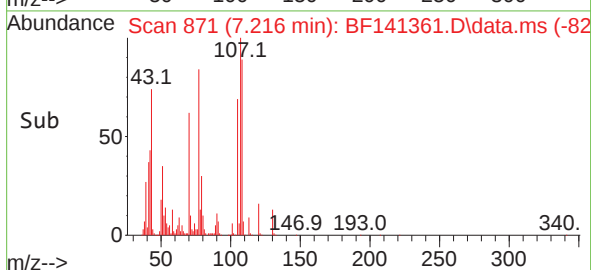
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025

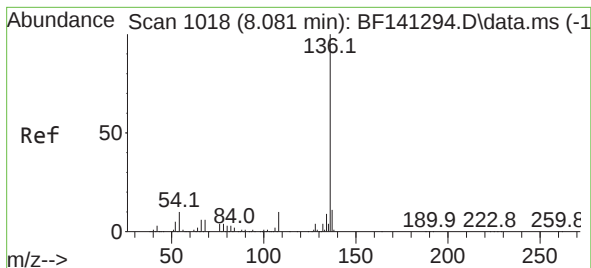


#20
3+4-Methylphenols
Concen: 41.520 ng
RT: 7.216 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF141361.D
Acq: 03 Feb 2025 11:24



Tgt Ion:107 Resp: 271346
Ion Ratio Lower Upper
107 100
108 89.2 70.9 110.9
77 84.4 98.5 138.5#
79 30.9 9.5 49.5





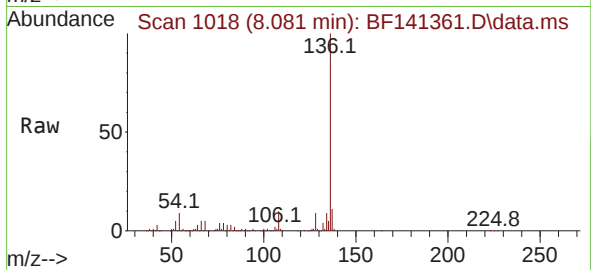
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF141361.D
Acq: 03 Feb 2025 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

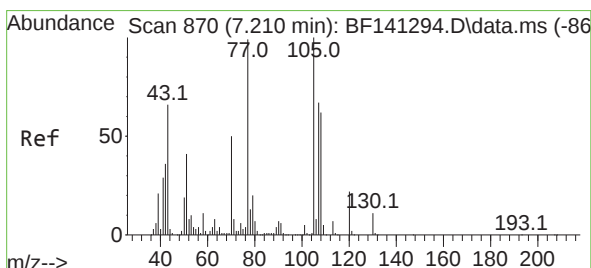
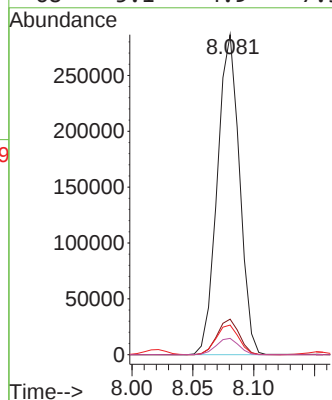
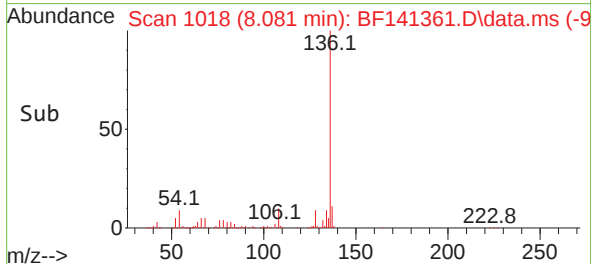


Tgt Ion:136 Resp: 362783
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 9.3 7.8 11.8
68 5.1 4.9 7.3

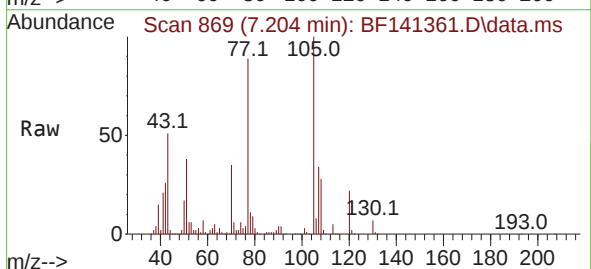
Manual Integrations

APPROVED

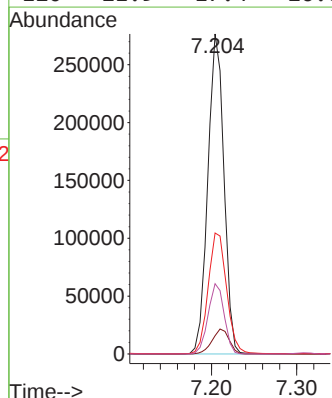
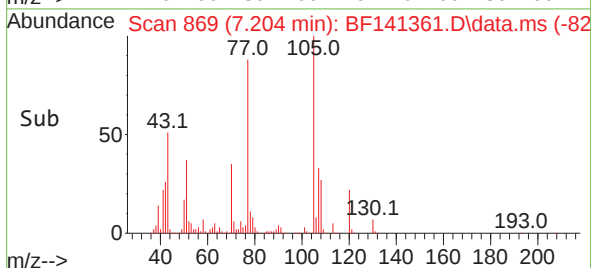
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025

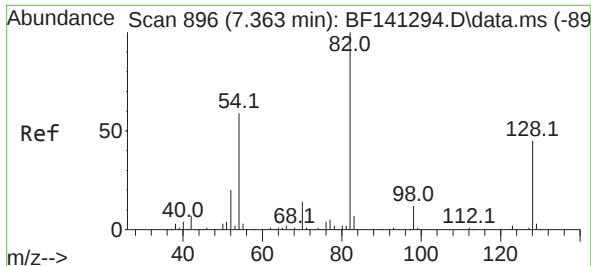


#22
Acetophenone
Concen: 42.153 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141361.D
Acq: 03 Feb 2025 11:24



Tgt Ion:105 Resp: 363495
Ion Ratio Lower Upper
105 100
71 5.7 6.8 10.2#
51 37.8 32.6 49.0
120 21.9 17.4 26.0





#23

Nitrobenzene-d5

Concen: 83.781 ng

RT: 7.363 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF141361.D

Acq: 03 Feb 2025 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 576560

Ion Ratio Lower Upper

82 100

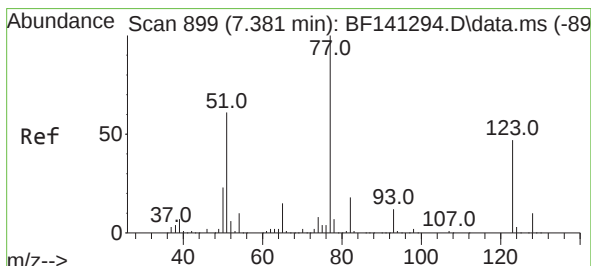
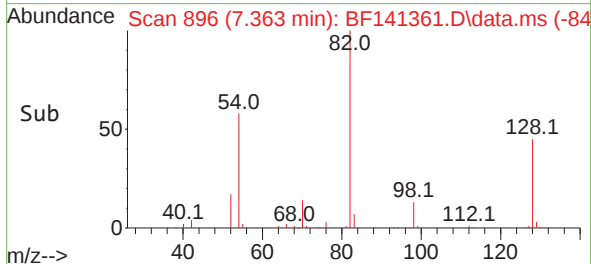
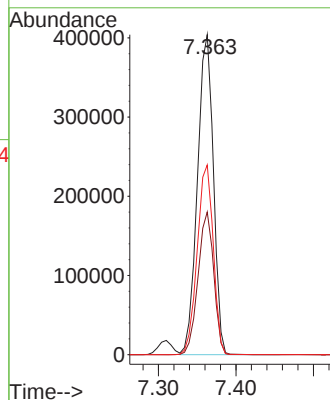
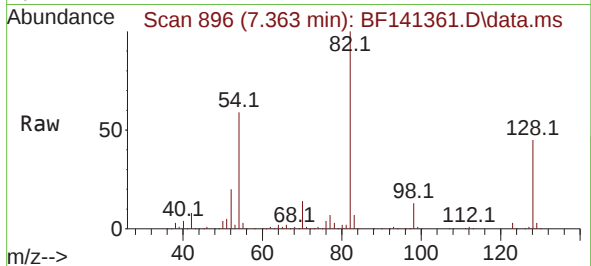
128 44.6 35.7 53.5

54 59.3 47.1 70.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#24

Nitrobenzene

Concen: 41.381 ng

RT: 7.381 min Scan# 899

Delta R.T. -0.012 min

Lab File: BF141361.D

Acq: 03 Feb 2025 11:24

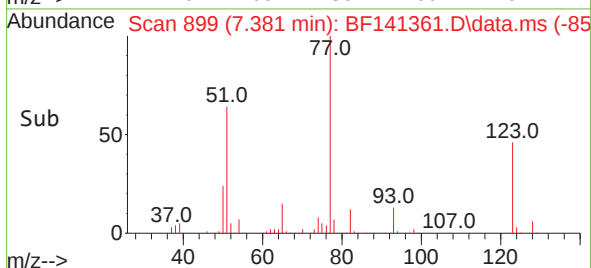
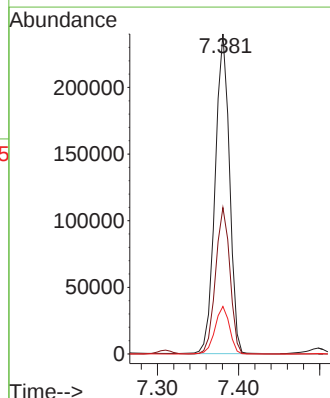
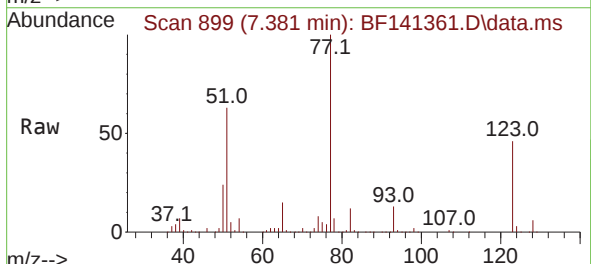
Tgt Ion: 77 Resp: 295113

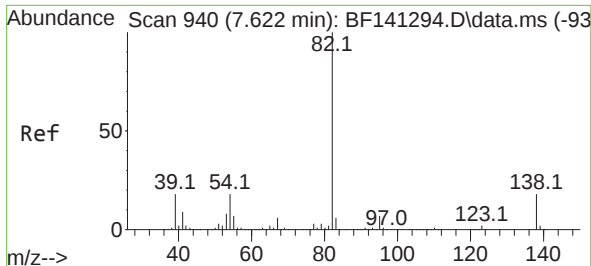
Ion Ratio Lower Upper

77 100

123 45.8 37.3 55.9

65 14.9 11.8 17.6





#25
Isophorone
Concen: 39.825 ng
RT: 7.616 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF141361.D
Acq: 03 Feb 2025 11:24

Instrument :

BNA_F

ClientSampleId :

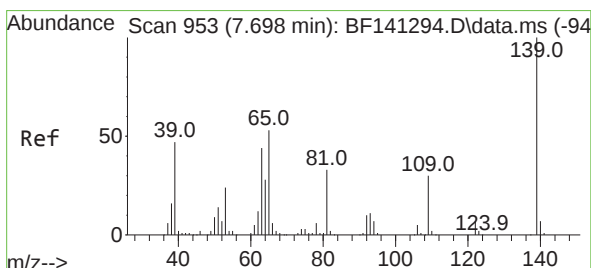
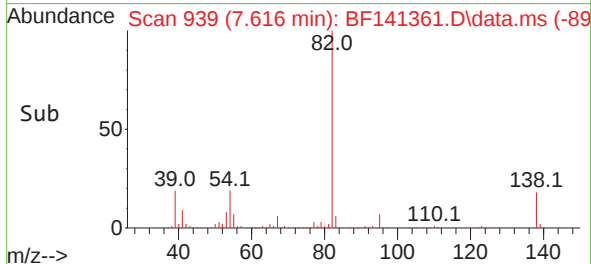
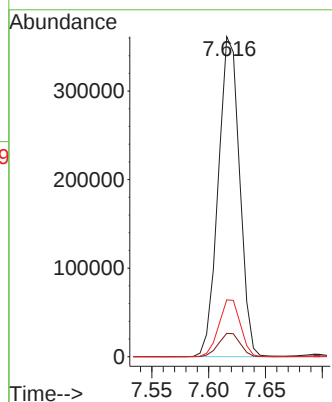
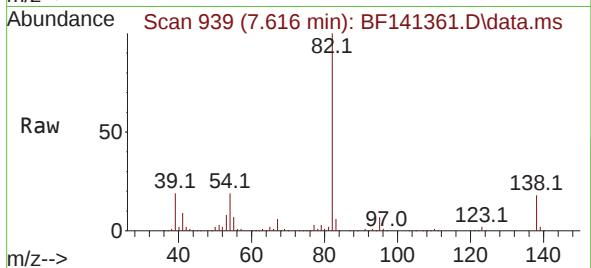
SSTDCCC040

Tgt Ion: 82 Resp: 47375
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.6
138 17.7 14.7 22.1

Manual Integrations

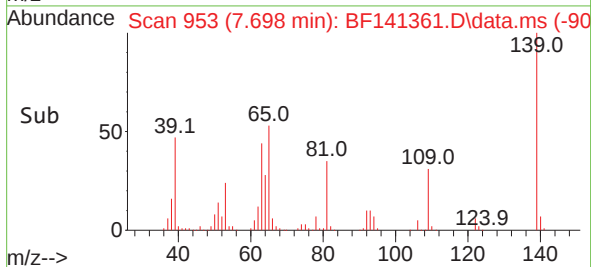
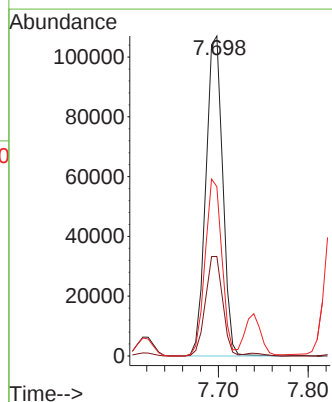
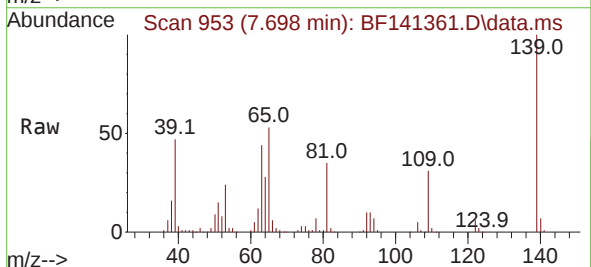
APPROVED

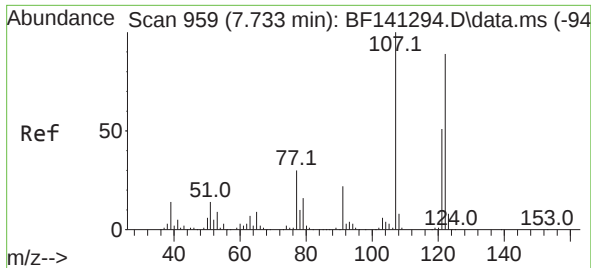
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#26
2-Nitrophenol
Concen: 41.467 ng
RT: 7.698 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF141361.D
Acq: 03 Feb 2025 11:24

Tgt Ion:139 Resp: 139470
Ion Ratio Lower Upper
139 100
109 31.1 23.8 35.6
65 52.9 42.2 63.4





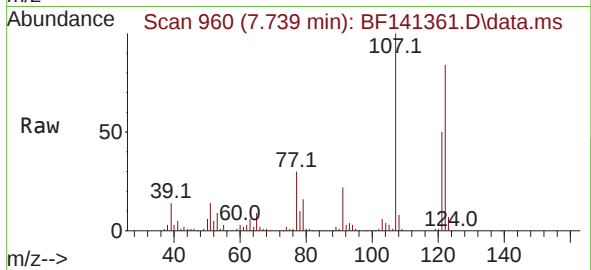
#27
2,4-Dimethylphenol
Concen: 39.629 ng m
RT: 7.739 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF141361.D
Acq: 03 Feb 2025 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

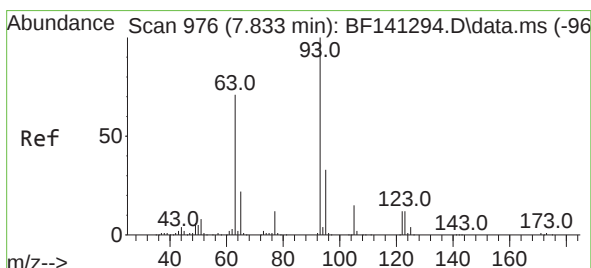
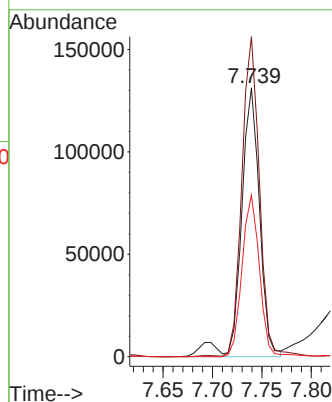
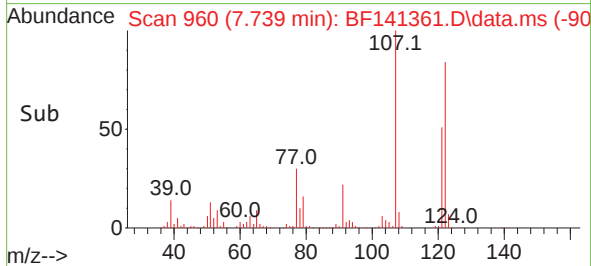


Tgt Ion:122 Resp: 169654
Ion Ratio Lower Upper
122 100
107 119.1 89.9 134.9
121 60.1 46.1 69.1

Manual Integrations

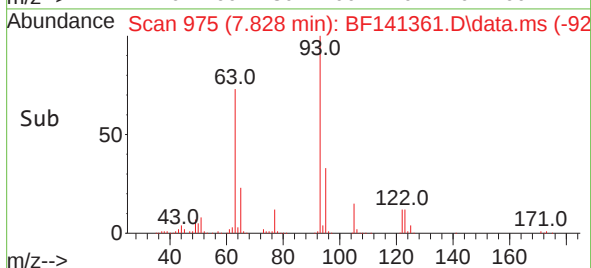
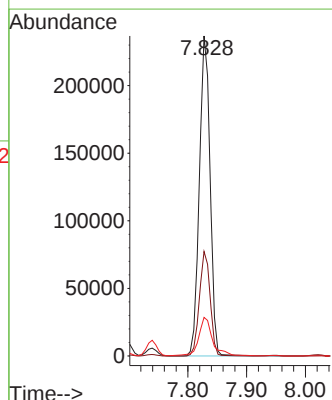
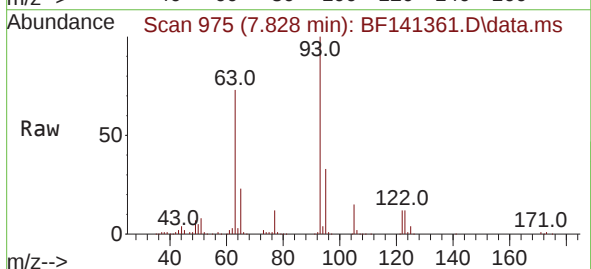
APPROVED

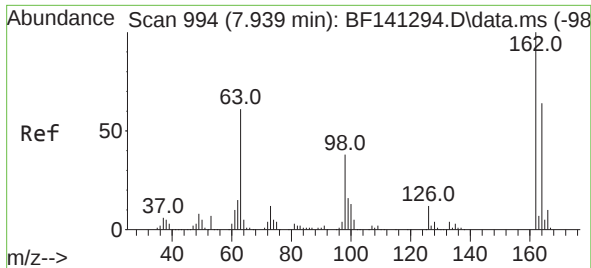
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#28
bis(2-Chloroethoxy)methane
Concen: 39.540 ng
RT: 7.828 min Scan# 975
Delta R.T. -0.012 min
Lab File: BF141361.D
Acq: 03 Feb 2025 11:24

Tgt Ion: 93 Resp: 300026
Ion Ratio Lower Upper
93 100
95 32.7 26.2 39.2
123 12.1 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 41.114 ng

RT: 7.945 min Scan# 994

Delta R.T. -0.000 min

Lab File: BF141361.D

Acq: 03 Feb 2025 11:24

Instrument :

BNA_F

ClientSampleId :

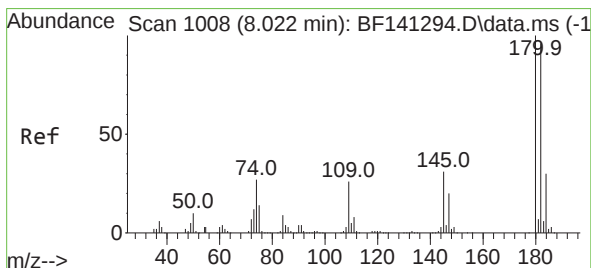
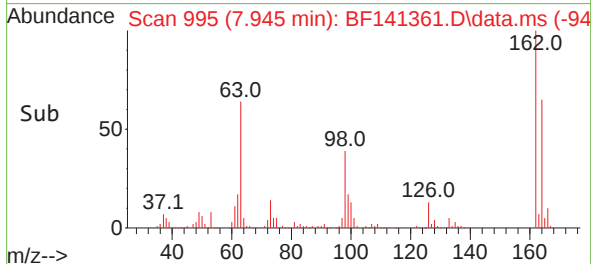
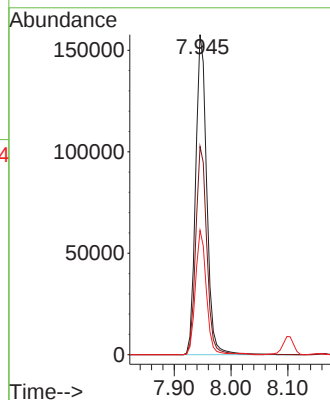
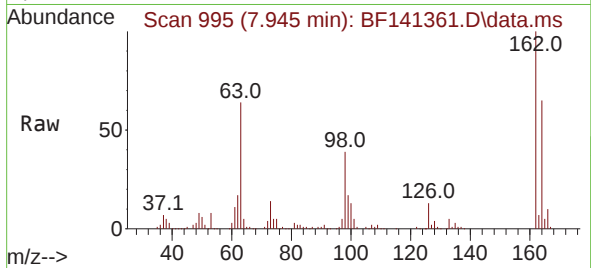
SSTDCCC040

Tgt Ion:162 Resp: 215470
 Ion Ratio Lower Upper
 162 100
 164 65.1 44.2 84.2
 98 38.9 18.2 58.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025
 Supervised By :mohammad ahmed 02/06/2025



#30

1,2,4-Trichlorobenzene

Concen: 40.654 ng

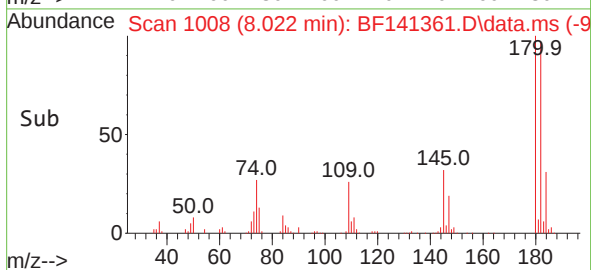
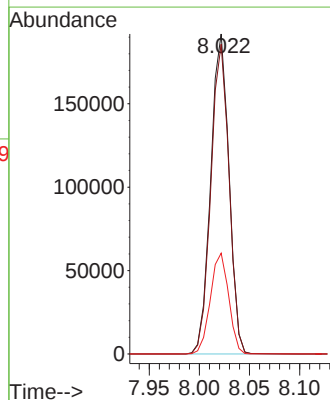
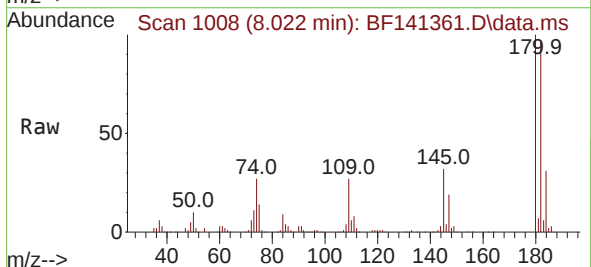
RT: 8.022 min Scan# 1008

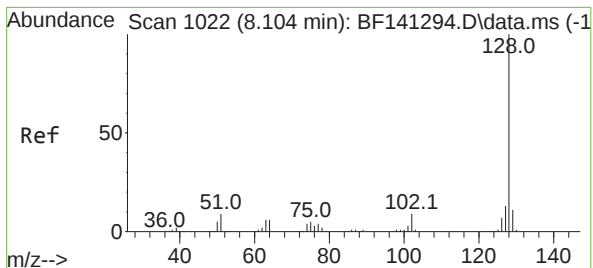
Delta R.T. -0.006 min

Lab File: BF141361.D

Acq: 03 Feb 2025 11:24

Tgt Ion:180 Resp: 243325
 Ion Ratio Lower Upper
 180 100
 182 96.8 76.4 114.6
 145 31.5 24.9 37.3





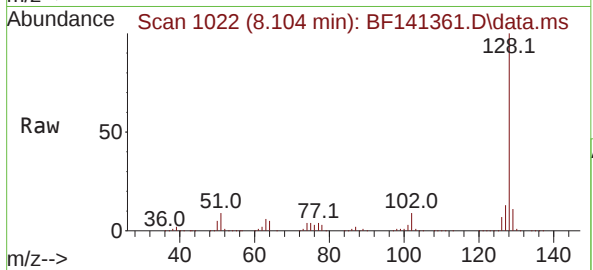
#31
Naphthalene
Concen: 40.850 ng
RT: 8.104 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF141361.D
Acq: 03 Feb 2025 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

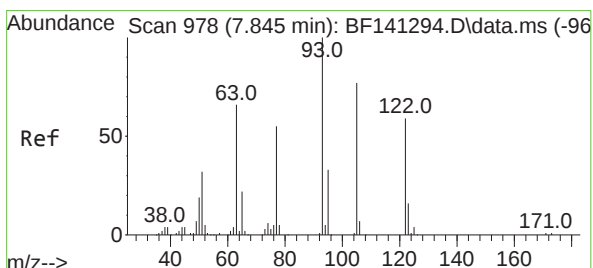
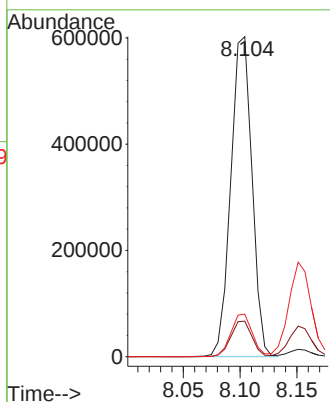
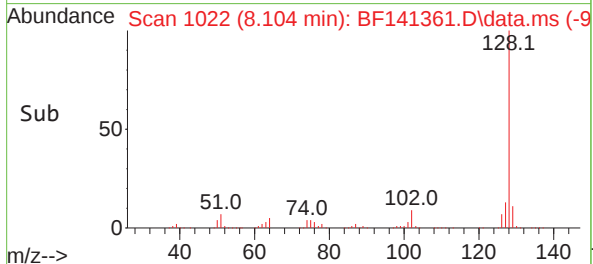


Tgt Ion:128 Resp: 782884
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.3 10.6 15.8

Manual Integrations

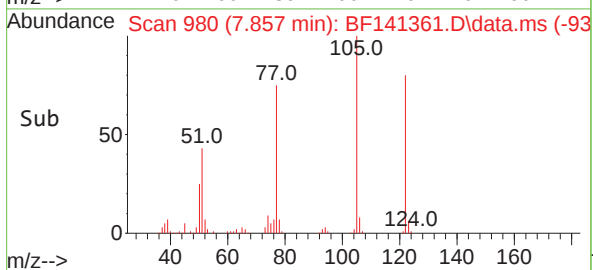
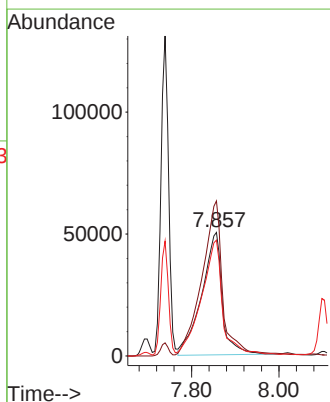
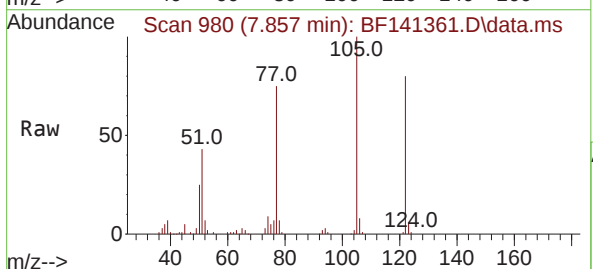
APPROVED

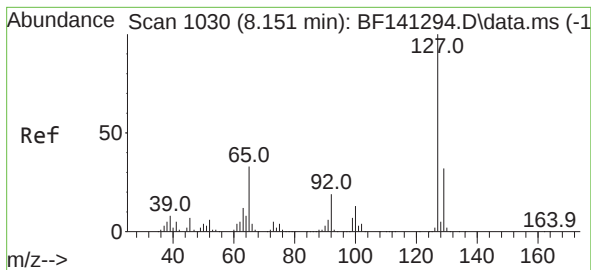
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#32
Benzoic acid
Concen: 41.864 ng
RT: 7.857 min Scan# 980
Delta R.T. -0.024 min
Lab File: BF141361.D
Acq: 03 Feb 2025 11:24

Tgt Ion:122 Resp: 164754
Ion Ratio Lower Upper
122 100
105 125.5 103.4 143.4
77 93.8 70.9 110.9





#33
4-Chloroaniline
Concen: 38.830 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF141361.D
Acq: 03 Feb 2025 11:24

Instrument :

BNA_F

ClientSampleId :

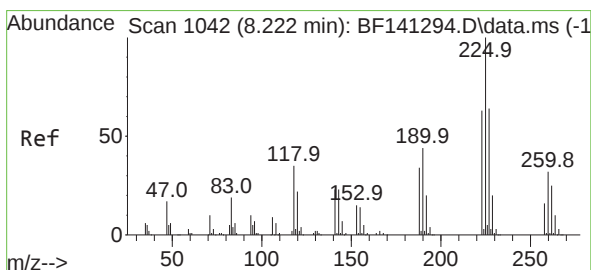
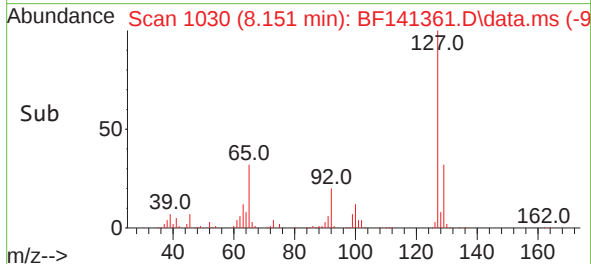
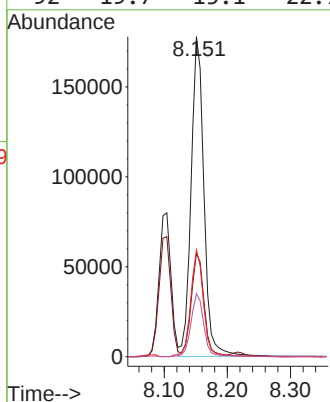
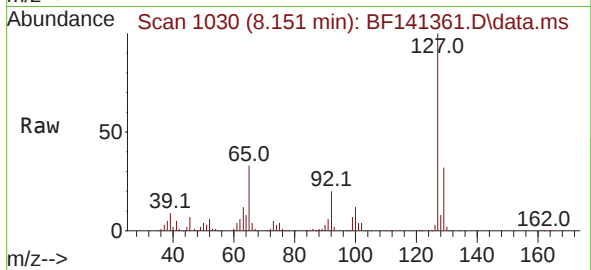
SSTDCCC040

Tgt Ion:127 Resp: 252352
Ion Ratio Lower Upper
127 100
129 32.3 25.7 38.5
65 33.4 26.4 39.6
92 19.7 15.1 22.7

Manual Integrations

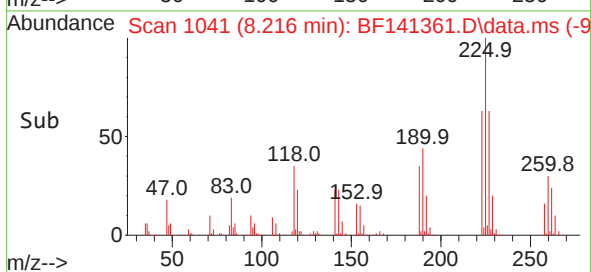
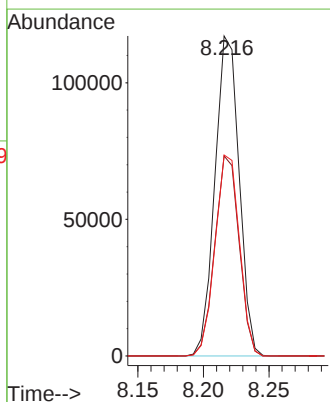
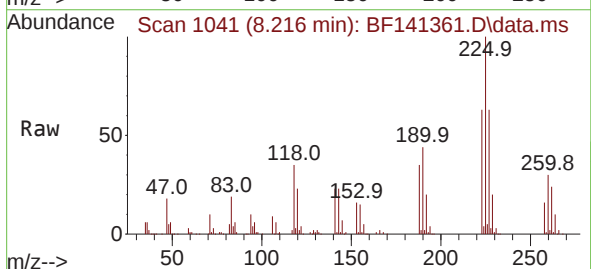
APPROVED

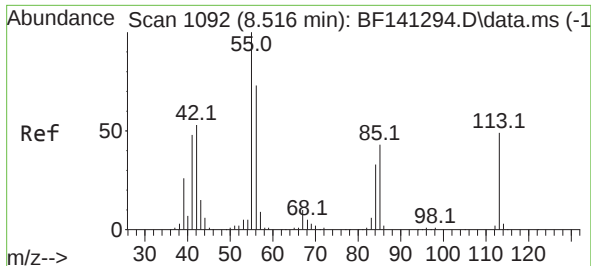
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#34
Hexachlorobutadiene
Concen: 42.830 ng
RT: 8.216 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF141361.D
Acq: 03 Feb 2025 11:24

Tgt Ion:225 Resp: 150331
Ion Ratio Lower Upper
225 100
223 62.5 50.4 75.6
227 62.8 51.3 76.9





#35
 Caprolactam
 Concen: 40.128 ng
 RT: 8.516 min Scan# 1092
 Delta R.T. -0.030 min
 Lab File: BF141361.D
 Acq: 03 Feb 2025 11:24

Instrument :

BNA_F

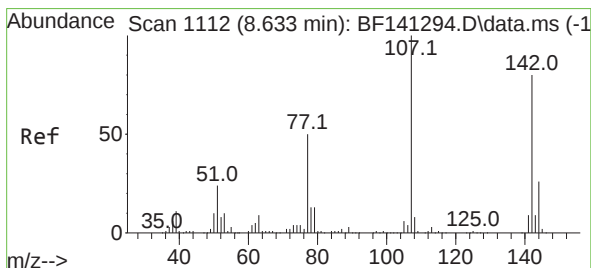
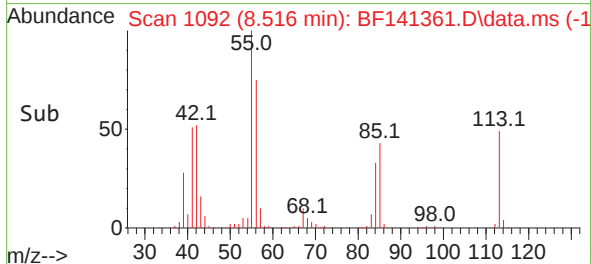
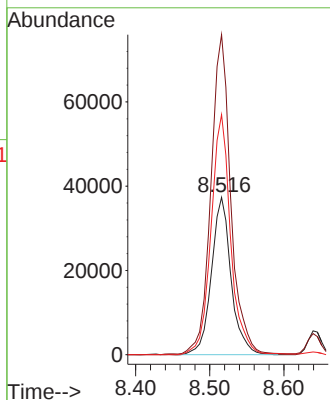
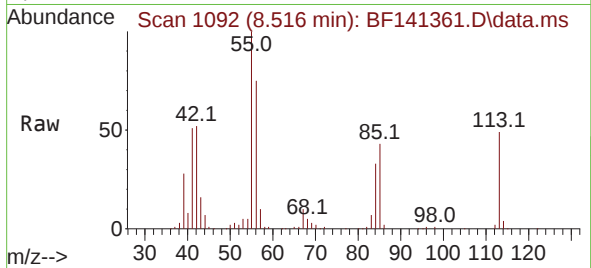
ClientSampleId :

SSTDCCC040

Tgt Ion:113 Resp: 68685
 Ion Ratio Lower Upper
 113 100
 55 203.4 182.9 222.9
 56 152.5 127.9 167.9

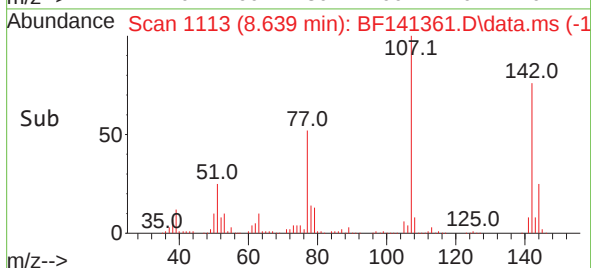
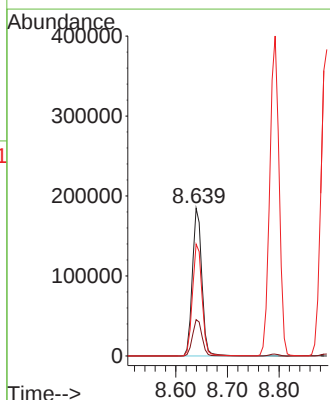
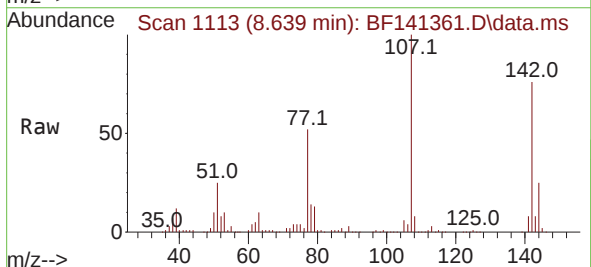
Manual Integrations
 APPROVED

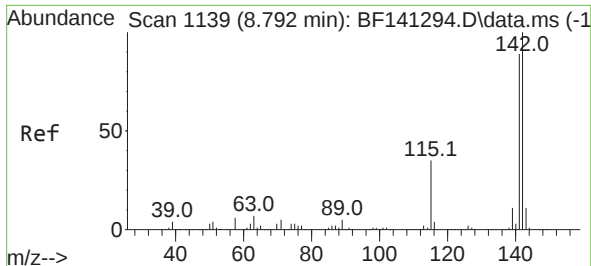
Reviewed By :Jagrut Upadhyay 02/04/2025
 Supervised By :mohammad ahmed 02/06/2025



#36
 4-Chloro-3-methylphenol
 Concen: 41.805 ng
 RT: 8.639 min Scan# 1113
 Delta R.T. -0.000 min
 Lab File: BF141361.D
 Acq: 03 Feb 2025 11:24

Tgt Ion:107 Resp: 235016
 Ion Ratio Lower Upper
 107 100
 144 24.6 20.7 31.1
 142 75.8 63.8 95.8





#37
2-Methylnaphthalene
Concen: 41.088 ng
RT: 8.792 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF141361.D
Acq: 03 Feb 2025 11:24

Instrument :

BNA_F

ClientSampleId :

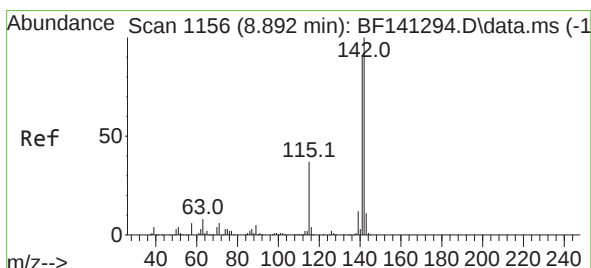
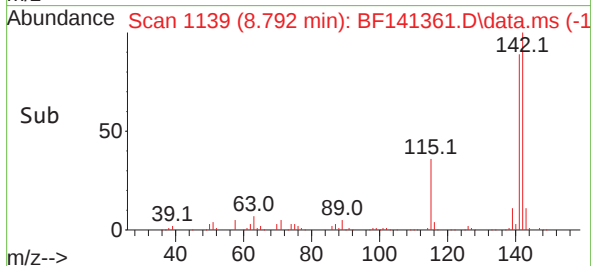
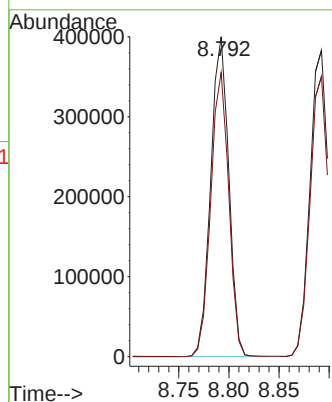
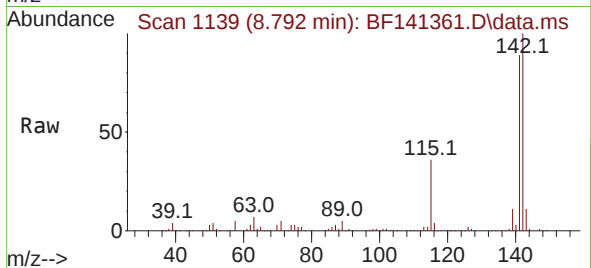
SSTDCCC040

Tgt Ion:142 Resp: 50049
Ion Ratio Lower Upper
142 100
141 88.8 71.3 106.9

Manual Integrations

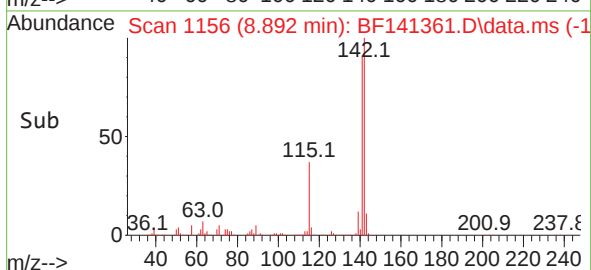
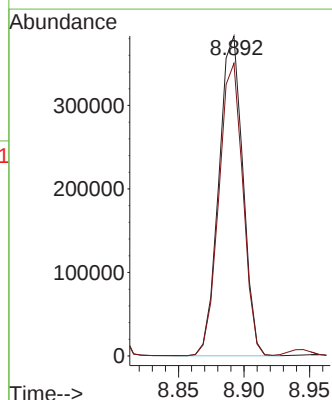
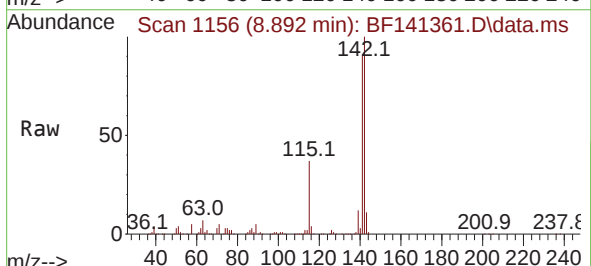
APPROVED

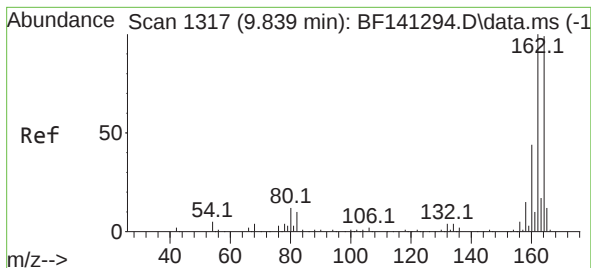
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#38
1-Methylnaphthalene
Concen: 40.770 ng
RT: 8.892 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF141361.D
Acq: 03 Feb 2025 11:24

Tgt Ion:142 Resp: 487831
Ion Ratio Lower Upper
142 100
141 91.4 73.2 109.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF141361.D

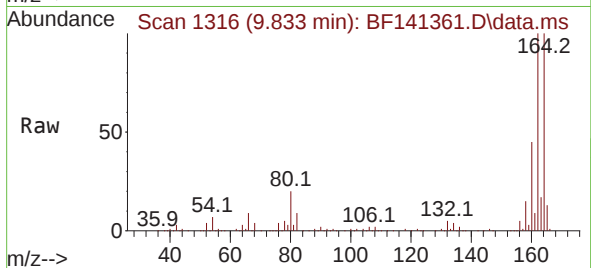
Acq: 03 Feb 2025 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:164 Resp: 198560

Ion Ratio Lower Upper

164 100

162 100.0 80.6 121.0

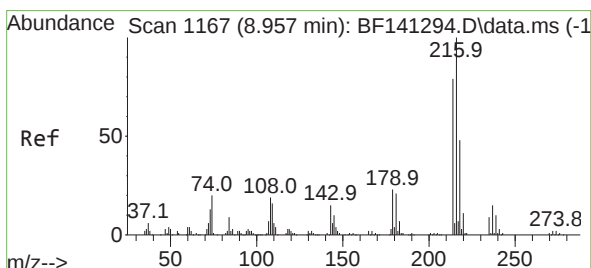
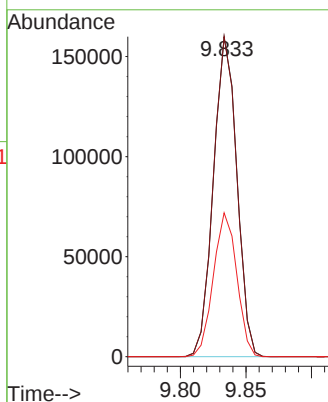
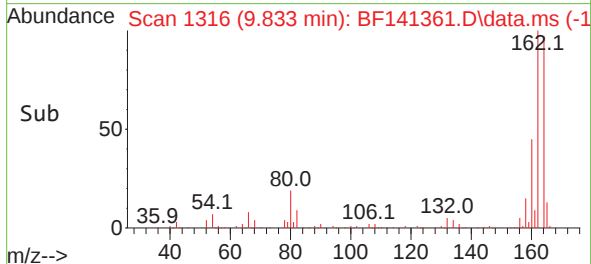
160 45.0 35.8 53.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025

Supervised By :mohammad ahmed 02/06/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.237 ng

RT: 8.957 min Scan# 1167

Delta R.T. -0.006 min

Lab File: BF141361.D

Acq: 03 Feb 2025 11:24

Tgt Ion:216 Resp: 227300

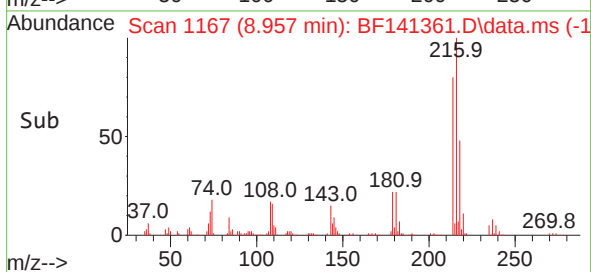
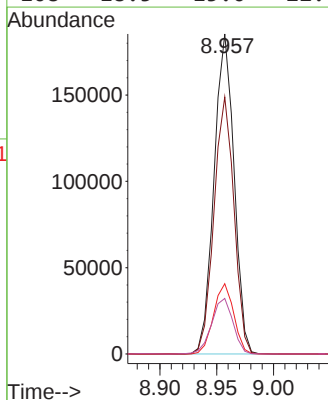
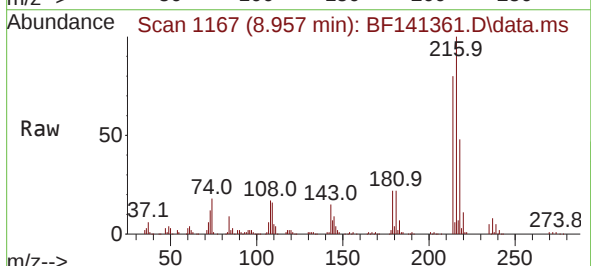
Ion Ratio Lower Upper

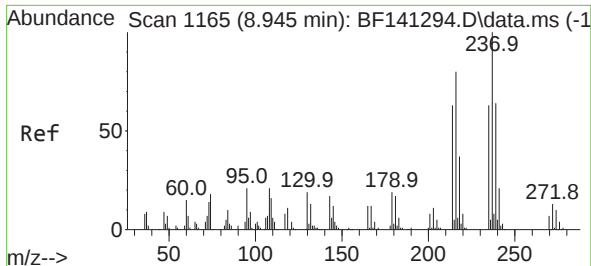
216 100

214 80.1 63.2 94.8

179 22.1 17.8 26.8

108 18.5 15.0 22.6





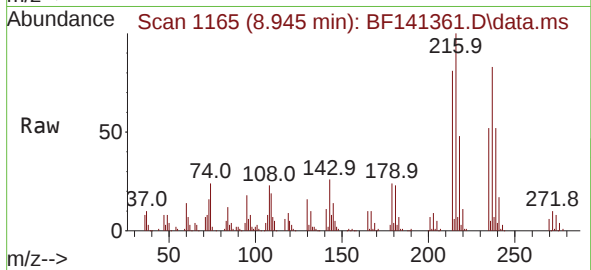
#41
Hexachlorocyclopentadiene
Concen: 43.983 ng
RT: 8.945 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF141361.D
Acq: 03 Feb 2025 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

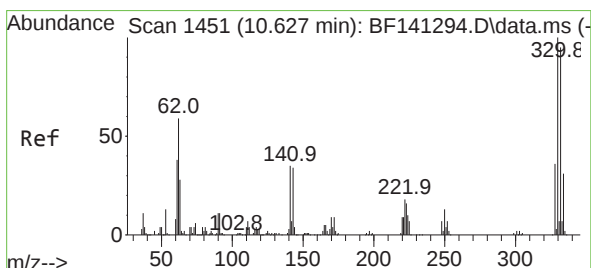
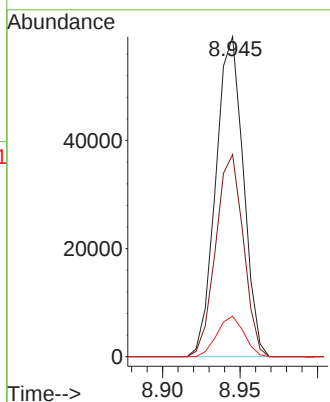
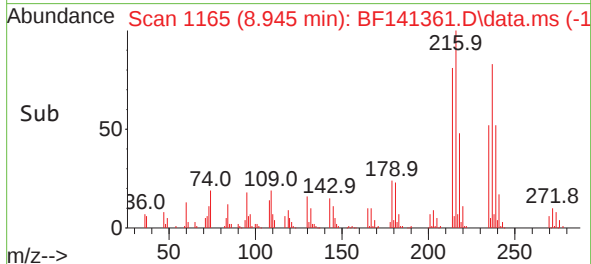


Tgt Ion: 237 Resp: 7337
Ion Ratio Lower Upper
237 100
235 63.1 42.9 82.9
272 12.6 0.0 32.8

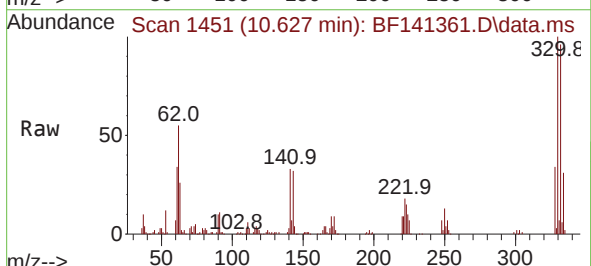
Manual Integrations

APPROVED

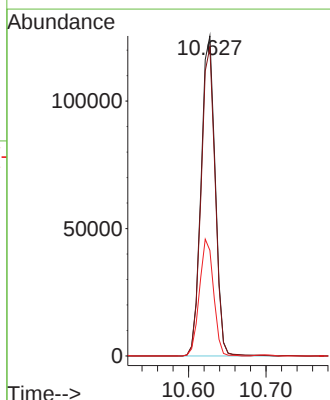
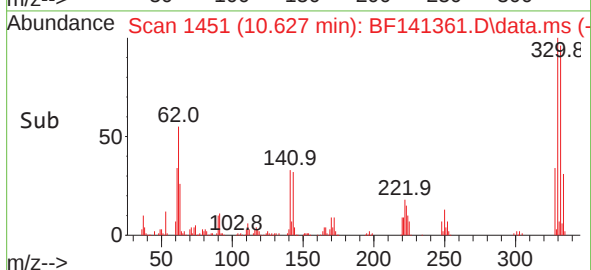
Reviewed By : Jagrut Upadhyay 02/04/2025
Supervised By : mohammad ahmed 02/06/2025

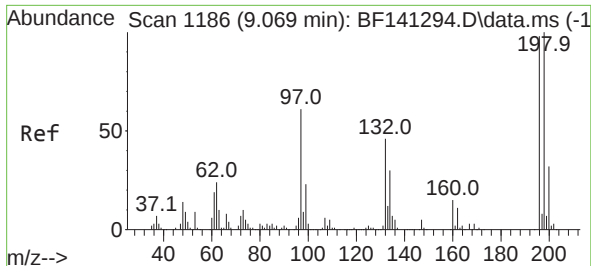


#42
2,4,6-Tribromophenol
Concen: 87.321 ng
RT: 10.627 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF141361.D
Acq: 03 Feb 2025 11:24



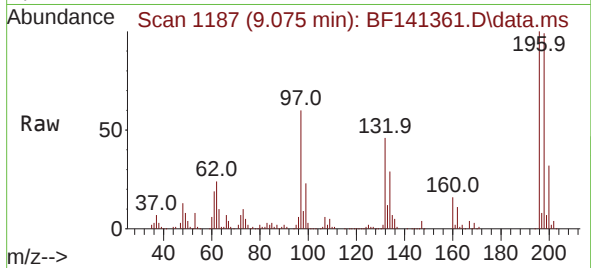
Tgt Ion: 330 Resp: 158958
Ion Ratio Lower Upper
330 100
332 96.2 76.1 114.1
141 36.5 28.8 43.2





#43
2,4,6-Trichlorophenol
Concen: 41.248 ng
RT: 9.075 min Scan# 1186
Delta R.T. -0.000 min
Lab File: BF141361.D
Acq: 03 Feb 2025 11:24

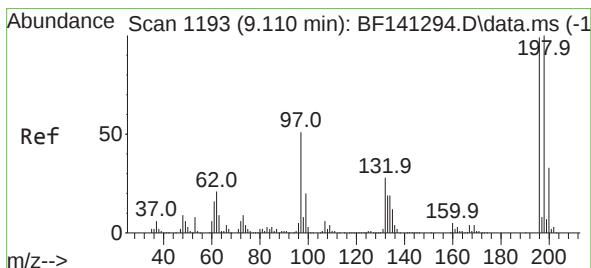
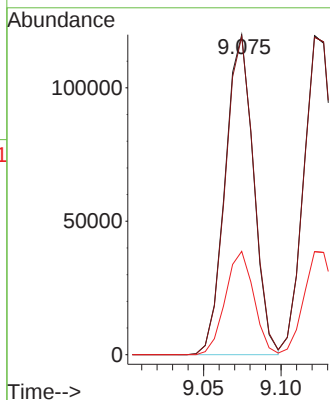
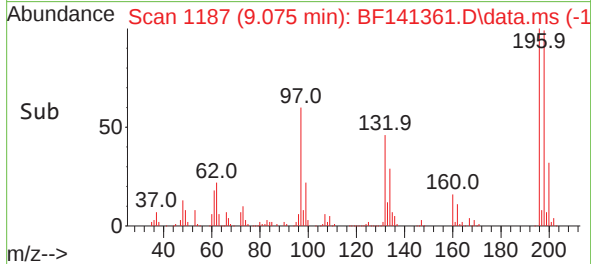
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



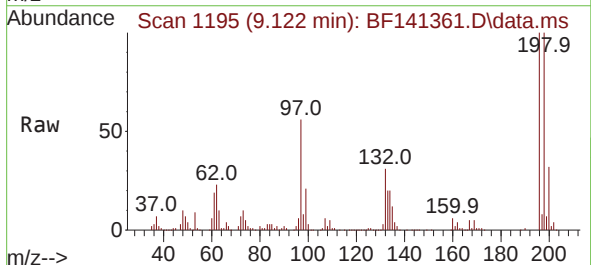
Tgt Ion:196 Resp: 152514
Ion Ratio Lower Upper
196 100
198 99.4 81.8 122.6
200 32.3 26.3 39.5

Manual Integrations
APPROVED

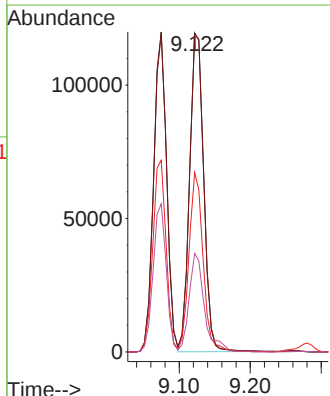
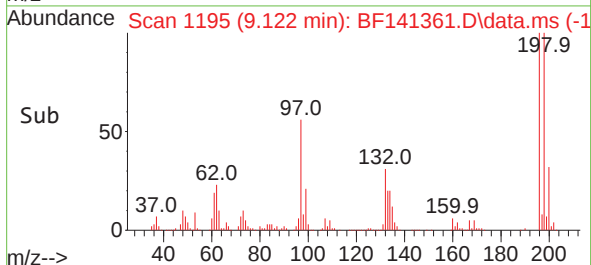
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025

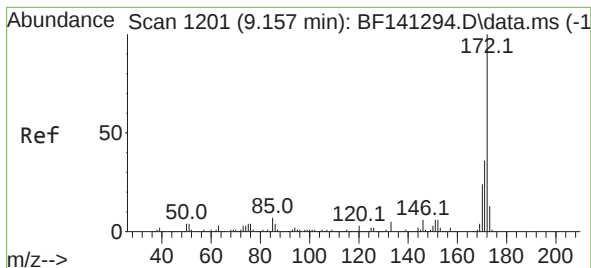


#44
2,4,5-Trichlorophenol
Concen: 41.031 ng
RT: 9.122 min Scan# 1195
Delta R.T. 0.006 min
Lab File: BF141361.D
Acq: 03 Feb 2025 11:24



Tgt Ion:196 Resp: 165119
Ion Ratio Lower Upper
196 100
198 99.5 80.5 120.7
97 56.2 42.8 64.2
132 30.9 23.5 35.3





#45

2-Fluorobiphenyl

Concen: 80.940 ng

RT: 9.157 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF141361.D

Acq: 03 Feb 2025 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:172 Resp: 1044178

Ion Ratio Lower Upper

172 100

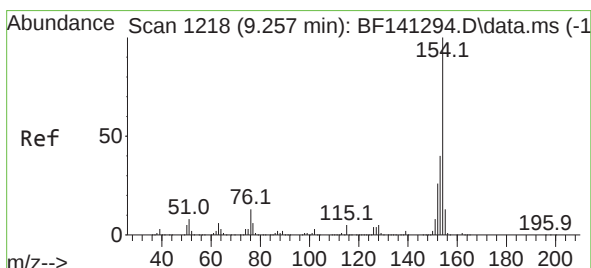
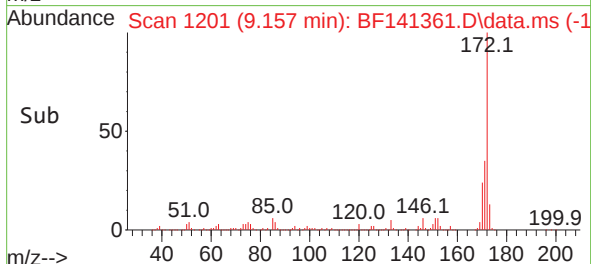
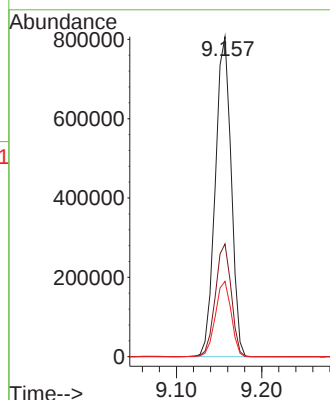
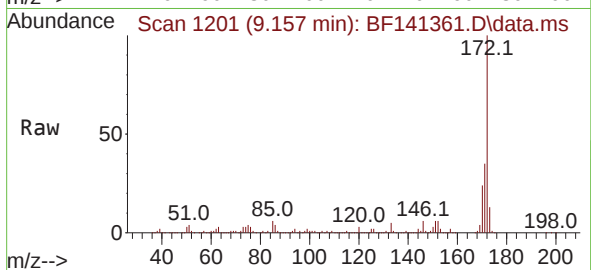
171 35.2 28.8 43.2

170 23.6 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#46

1,1'-Biphenyl

Concen: 39.699 ng

RT: 9.257 min Scan# 1218

Delta R.T. -0.006 min

Lab File: BF141361.D

Acq: 03 Feb 2025 11:24

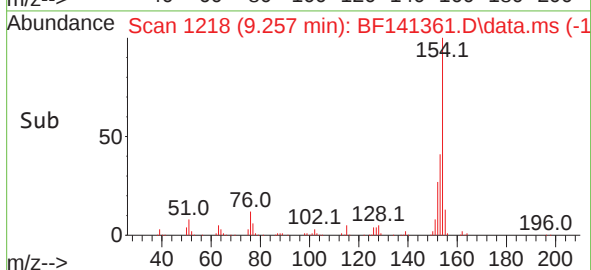
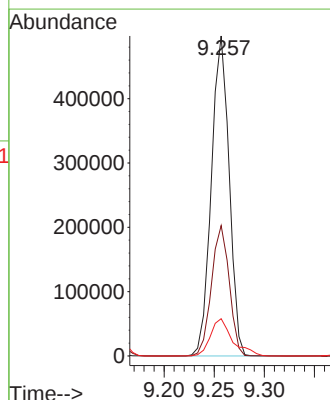
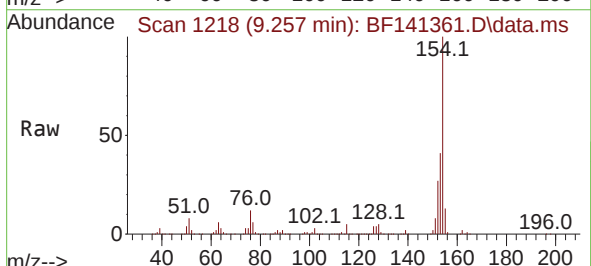
Tgt Ion:154 Resp: 614766

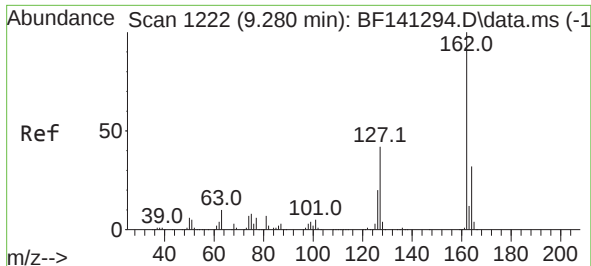
Ion Ratio Lower Upper

154 100

153 40.8 20.0 60.0

76 11.6 0.0 32.8





#47

2-Chloronaphthalene

Concen: 39.740 ng

RT: 9.280 min Scan# 1222

Delta R.T. -0.006 min

Lab File: BF141361.D

Acq: 03 Feb 2025 11:24

Instrument :

BNA_F

ClientSampleId :

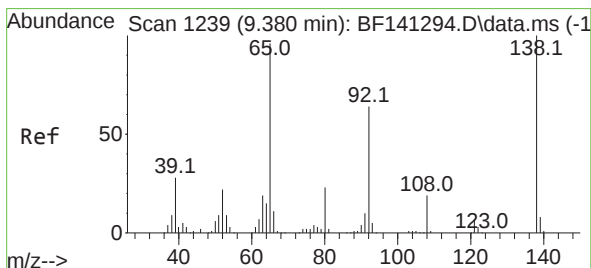
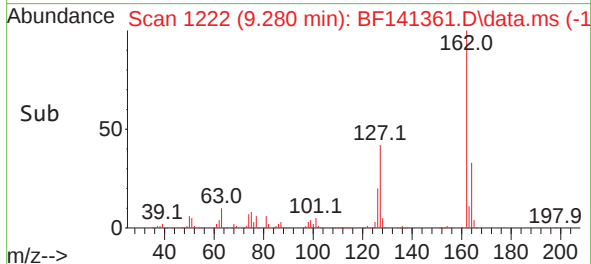
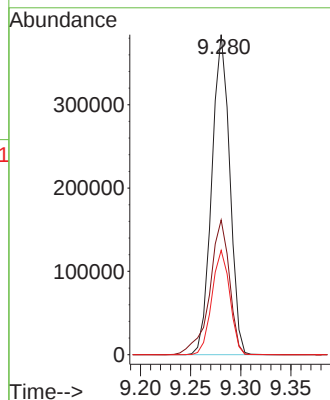
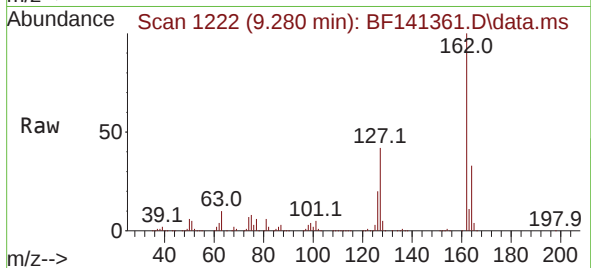
SSTDCCC040

Tgt Ion:162 Resp: 47967
 Ion Ratio Lower Upper
 162 100
 127 42.1 33.7 50.5
 164 32.6 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025
 Supervised By :mohammad ahmed 02/06/2025



#48

2-Nitroaniline

Concen: 41.055 ng

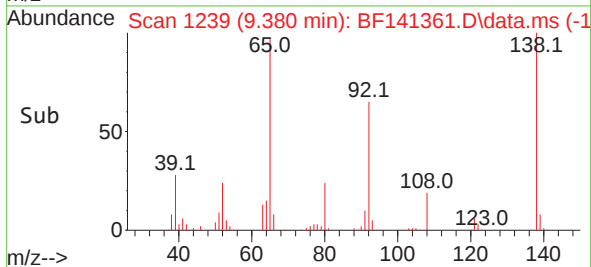
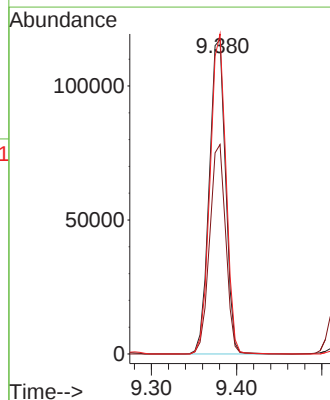
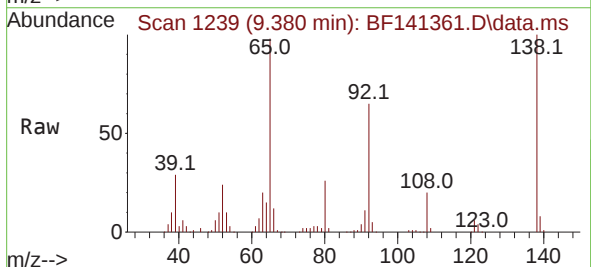
RT: 9.380 min Scan# 1239

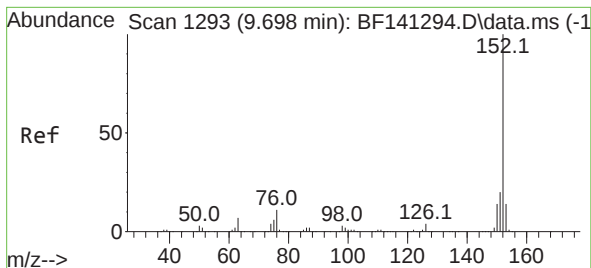
Delta R.T. -0.000 min

Lab File: BF141361.D

Acq: 03 Feb 2025 11:24

Tgt Ion: 65 Resp: 155868
 Ion Ratio Lower Upper
 65 100
 92 66.6 53.3 79.9
 138 101.8 83.6 125.4





#49

Acenaphthylene

Concen: 39.923 ng

RT: 9.698 min Scan# 1293

Delta R.T. -0.006 min

Lab File: BF141361.D

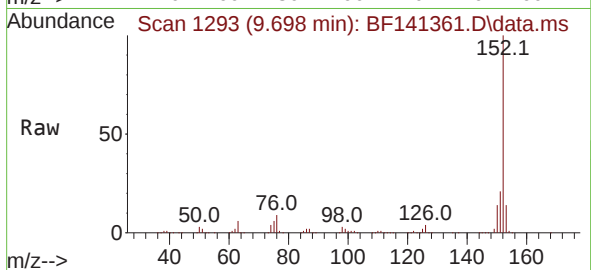
Acq: 03 Feb 2025 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:152 Resp: 67454

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.2

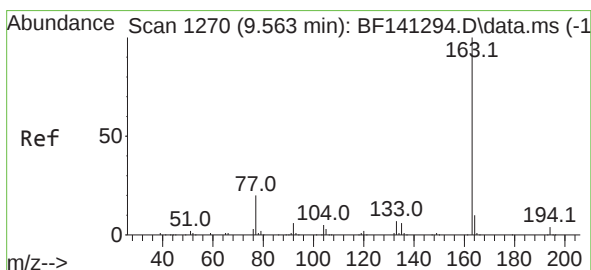
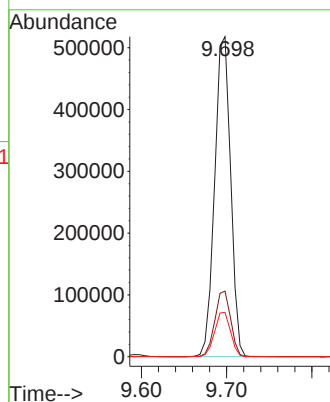
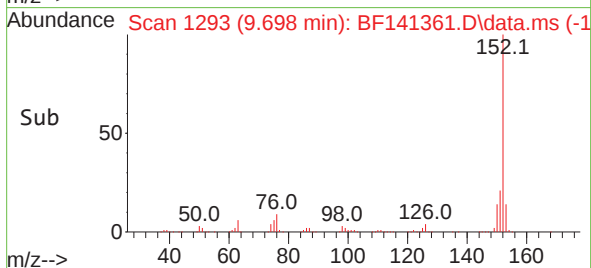
153 13.9 11.0 16.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025

Supervised By :mohammad ahmed 02/06/2025



#50

Dimethylphthalate

Concen: 40.523 ng

RT: 9.557 min Scan# 1269

Delta R.T. -0.012 min

Lab File: BF141361.D

Acq: 03 Feb 2025 11:24

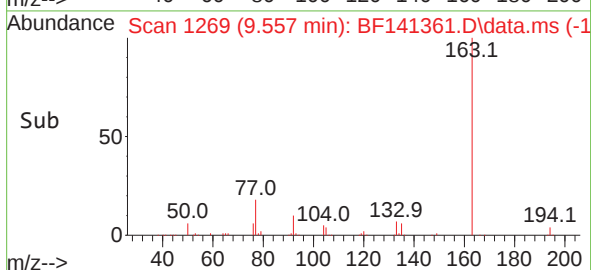
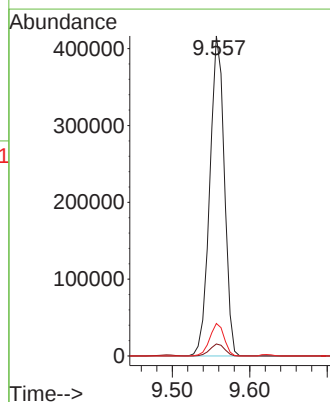
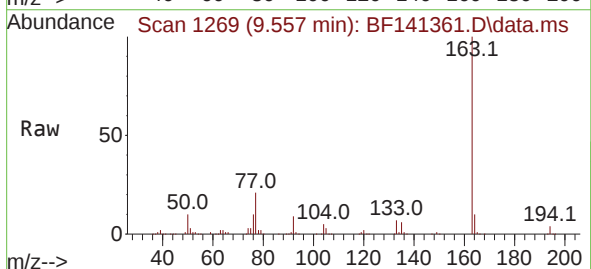
Tgt Ion:163 Resp: 543455

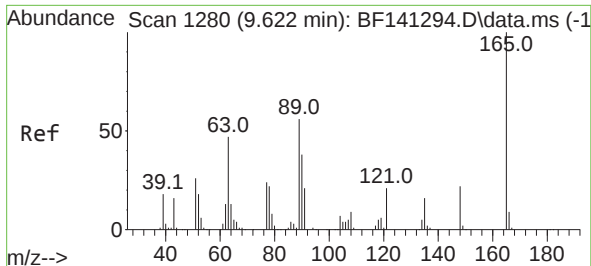
Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

164 10.2 8.0 12.0





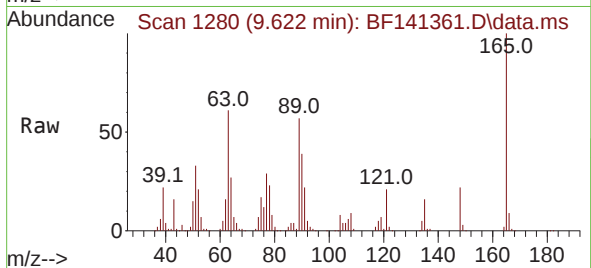
#51
2,6-Dinitrotoluene
Concen: 40.149 ng
RT: 9.622 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF141361.D
Acq: 03 Feb 2025 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

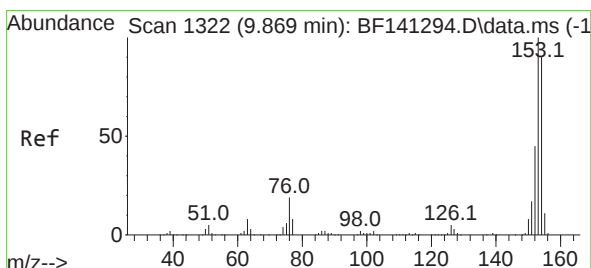
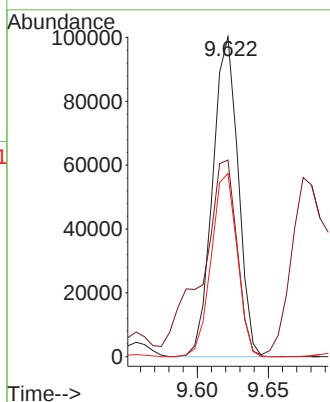
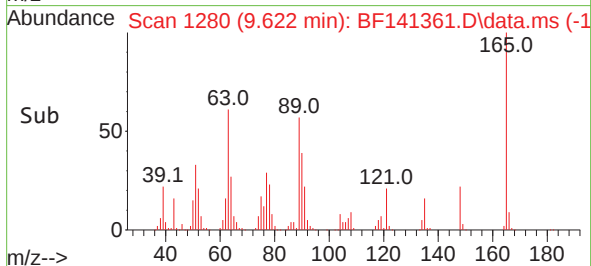


Tgt Ion:165 Resp: 125020
Ion Ratio Lower Upper
165 100
63 61.5 48.1 72.1
89 57.2 44.9 67.3

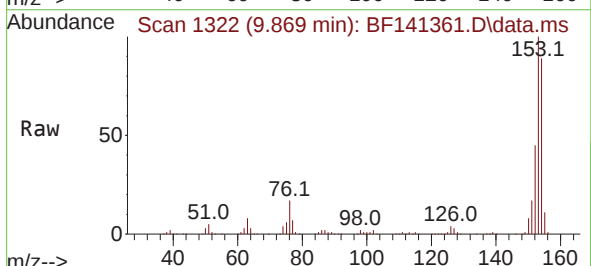
Manual Integrations

APPROVED

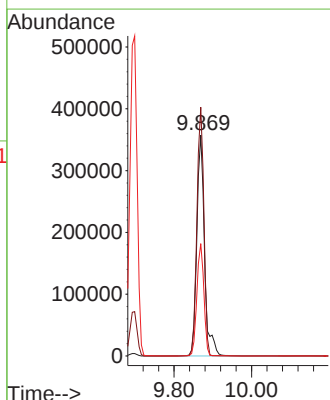
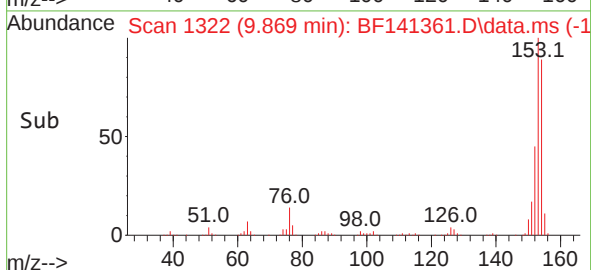
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025

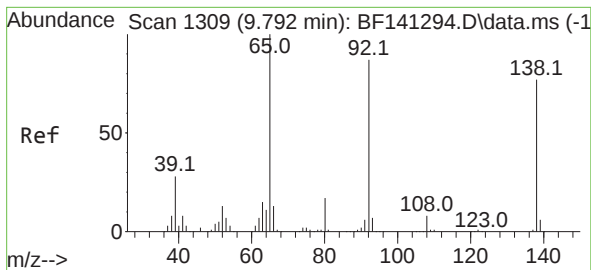


#52
Acenaphthene
Concen: 40.755 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF141361.D
Acq: 03 Feb 2025 11:24



Tgt Ion:154 Resp: 491940
Ion Ratio Lower Upper
154 100
153 112.7 89.0 133.4
152 50.9 40.2 60.4





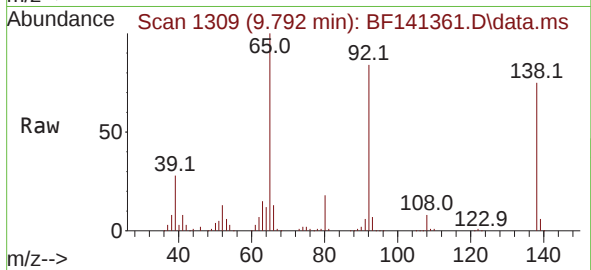
#53
3-Nitroaniline
Concen: 41.859 ng
RT: 9.792 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BF141361.D
Acq: 03 Feb 2025 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

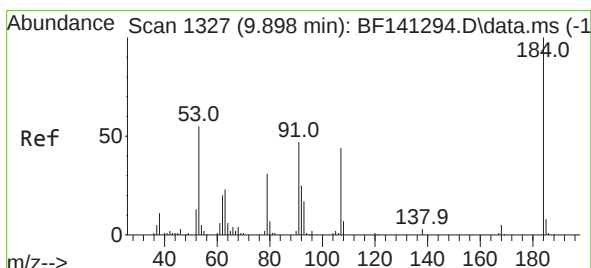
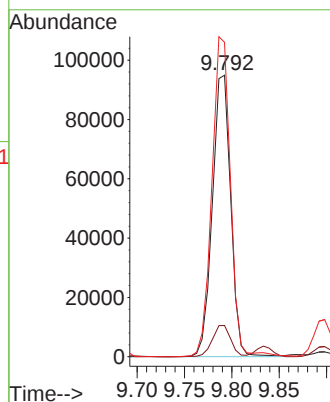
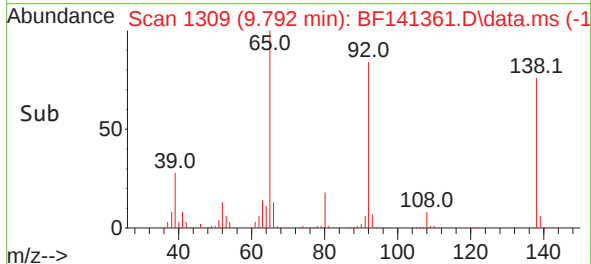


Tgt Ion:138 Resp: 127750
Ion Ratio Lower Upper
138 100
108 11.1 8.6 12.8
92 111.7 91.0 136.6

Manual Integrations

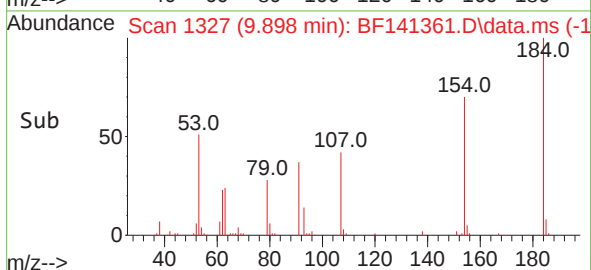
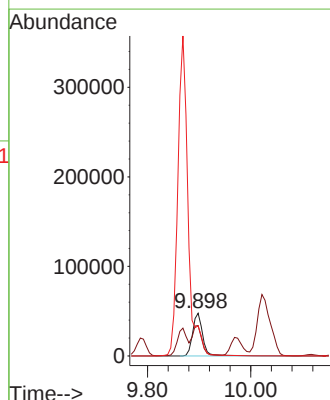
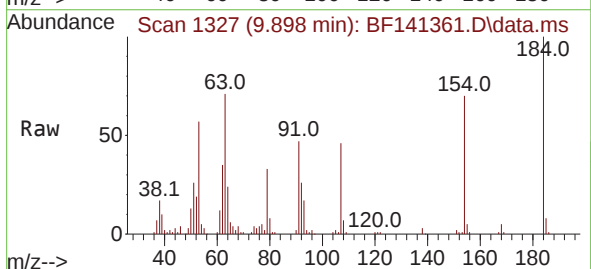
APPROVED

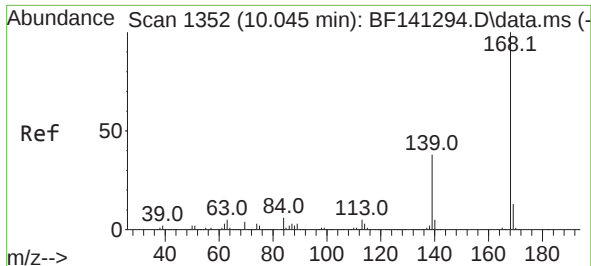
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#54
2,4-Dinitrophenol
Concen: 44.625 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF141361.D
Acq: 03 Feb 2025 11:24

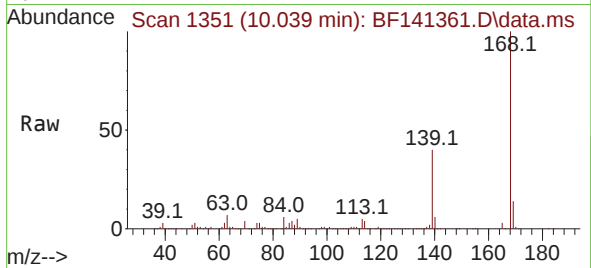
Tgt Ion:184 Resp: 64595
Ion Ratio Lower Upper
184 100
63 71.2 54.1 81.1
154 70.4 50.7 76.1





#55
Dibenzenofuran
Concen: 40.548 ng
RT: 10.039 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141361.D
Acq: 03 Feb 2025 11:24

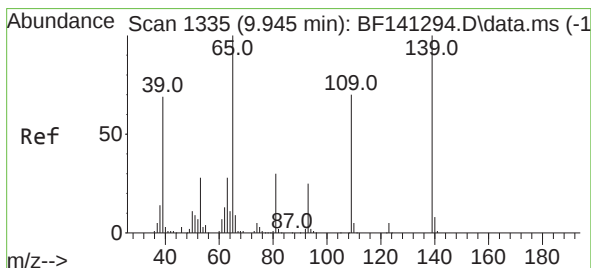
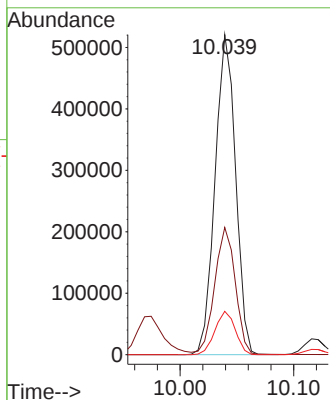
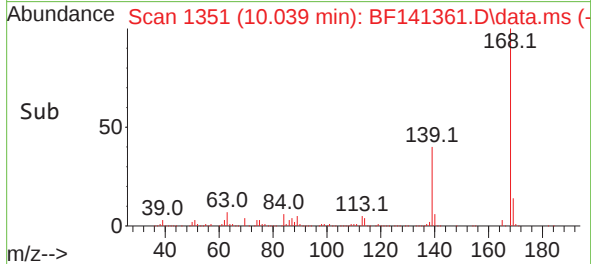
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:168 Resp: 655150
Ion Ratio Lower Upper
168 100
139 39.8 30.6 46.0
169 13.6 10.8 16.2

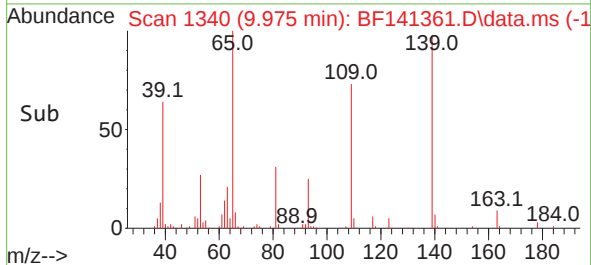
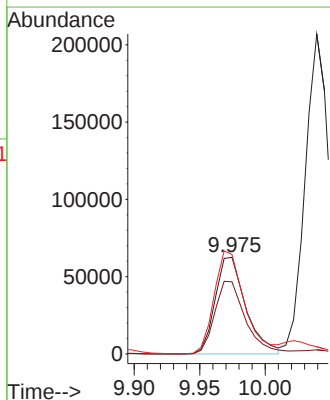
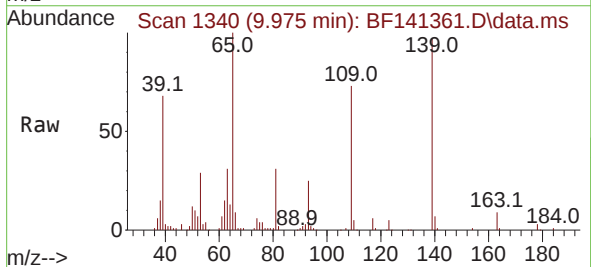
Manual Integrations
APPROVED

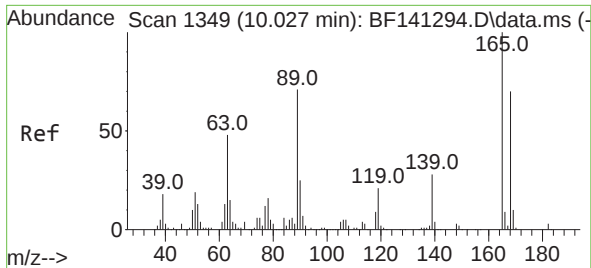
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#56
4-Nitrophenol
Concen: 45.471 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.018 min
Lab File: BF141361.D
Acq: 03 Feb 2025 11:24

Tgt Ion:139 Resp: 101492
Ion Ratio Lower Upper
139 100
109 74.6 50.2 90.2
65 102.9 80.6 120.6





#57
2,4-Dinitrotoluene
Concen: 41.946 ng
RT: 10.022 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF141361.D
Acq: 03 Feb 2025 11:24

Instrument :

BNA_F

ClientSampleId :

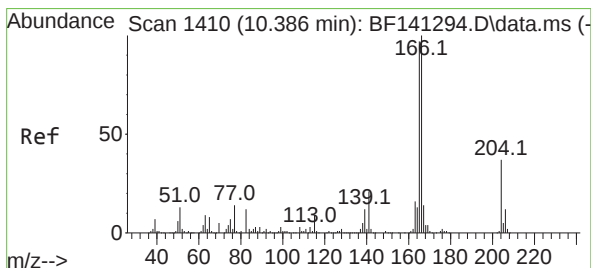
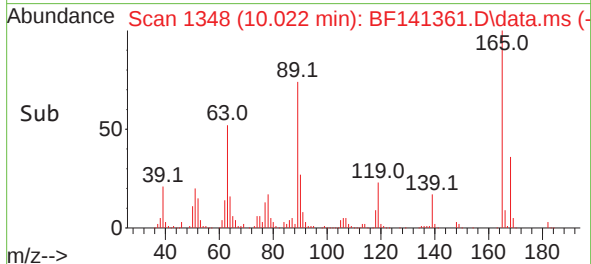
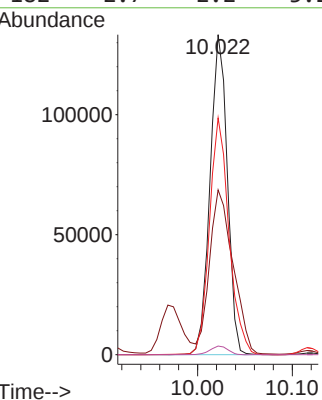
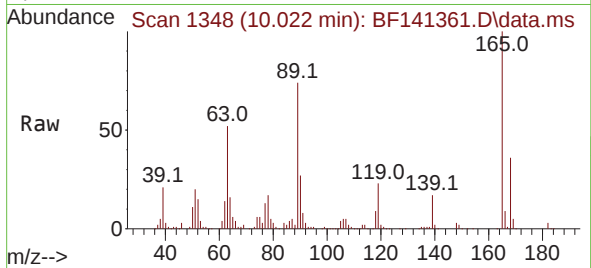
SSTDCCC040

Tgt Ion:165 Resp: 169109
Ion Ratio Lower Upper
165 100
63 51.5 39.2 58.8
89 74.0 56.9 85.3
182 2.7 2.2 3.2

Manual Integrations

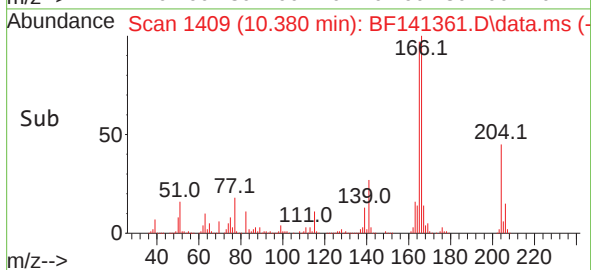
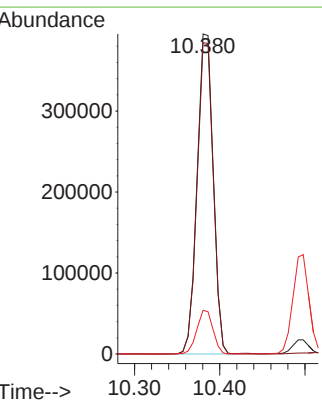
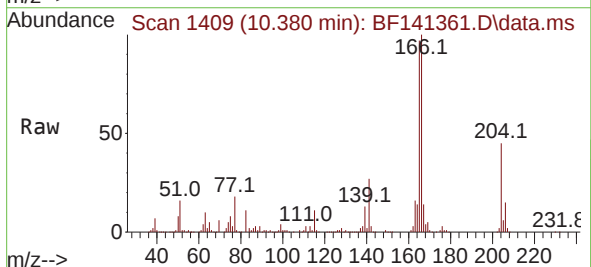
APPROVED

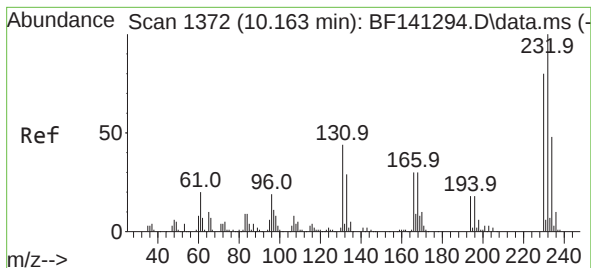
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#58
Fluorene
Concen: 41.554 ng
RT: 10.380 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF141361.D
Acq: 03 Feb 2025 11:24

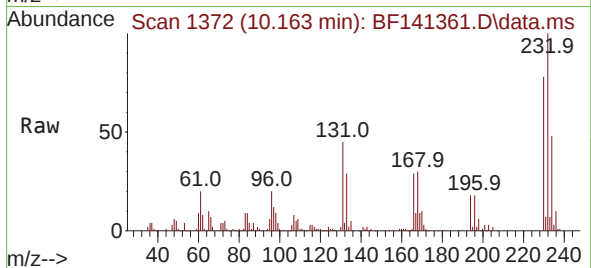
Tgt Ion:166 Resp: 520788
Ion Ratio Lower Upper
166 100
165 97.2 77.5 116.3
167 13.7 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.892 ng
RT: 10.163 min Scan# 1372
Delta R.T. -0.000 min
Lab File: BF141361.D
Acq: 03 Feb 2025 11:24

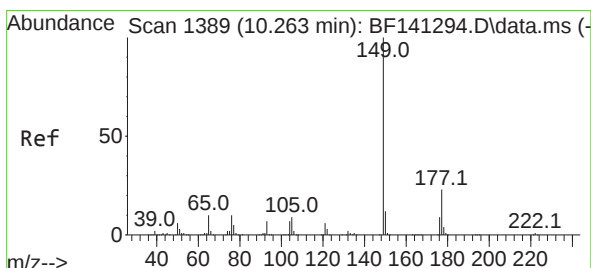
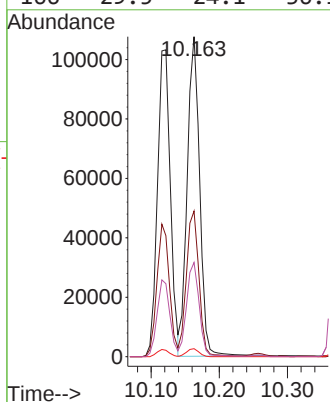
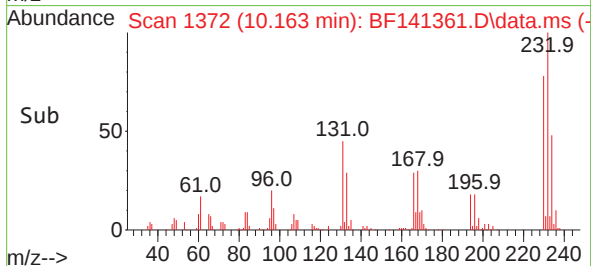
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:232 Resp: 135791
Ion Ratio Lower Upper
232 100
131 46.0 36.4 54.6
130 2.5 1.9 2.9
166 29.5 24.1 36.1

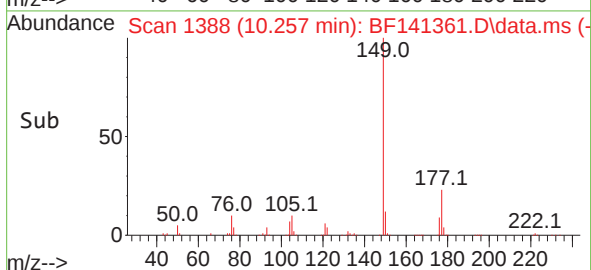
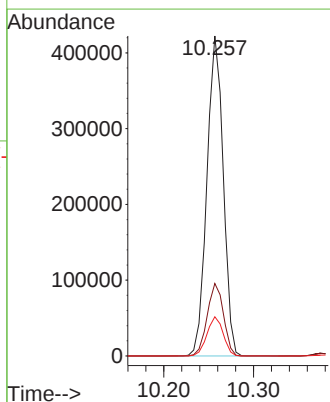
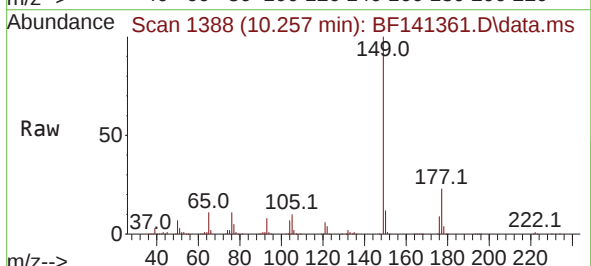
Manual Integrations
APPROVED

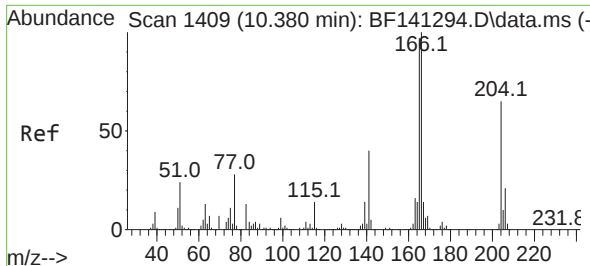
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#60
Diethylphthalate
Concen: 41.025 ng
RT: 10.257 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF141361.D
Acq: 03 Feb 2025 11:24

Tgt Ion:149 Resp: 533471
Ion Ratio Lower Upper
149 100
177 22.7 18.5 27.7
150 12.2 10.0 15.0





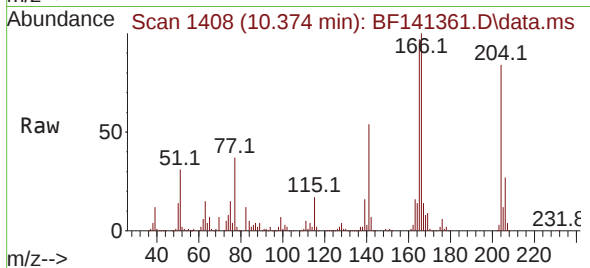
#61
4-Chlorophenyl-phenylether
Concen: 41.170 ng
RT: 10.374 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF141361.D
Acq: 03 Feb 2025 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

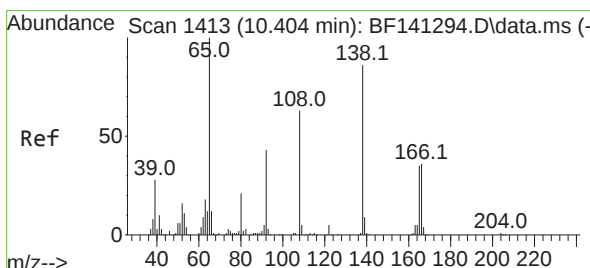
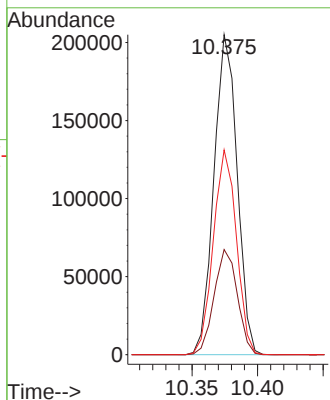
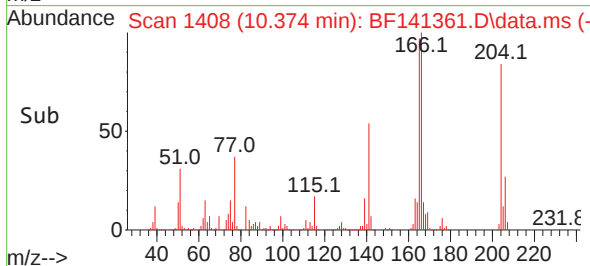


Tgt Ion:204 Resp: 252040
Ion Ratio Lower Upper
204 100
206 32.9 25.9 38.9
141 64.0 49.5 74.3

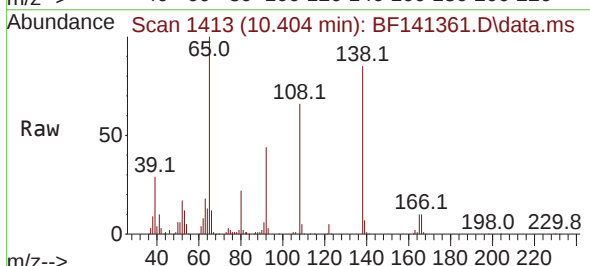
Manual Integrations

APPROVED

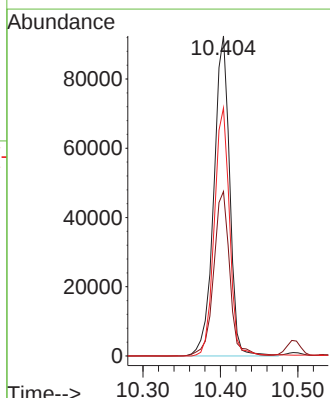
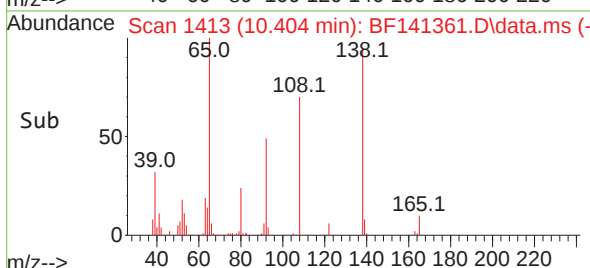
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025

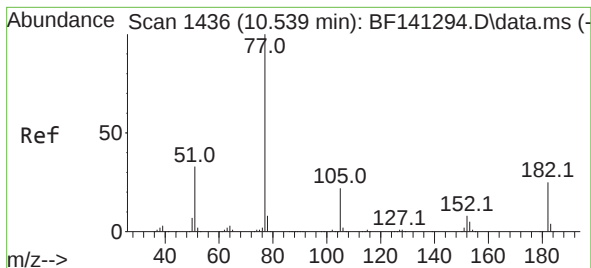


#62
4-Nitroaniline
Concen: 43.865 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF141361.D
Acq: 03 Feb 2025 11:24



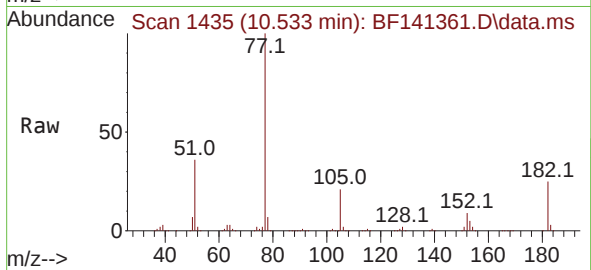
Tgt Ion:138 Resp: 131617
Ion Ratio Lower Upper
138 100
92 51.4 30.1 70.1
108 77.5 53.1 93.1





#63
Azobenzene
Concen: 40.048 ng
RT: 10.533 min Scan# 1435
Delta R.T. -0.012 min
Lab File: BF141361.D
Acq: 03 Feb 2025 11:24

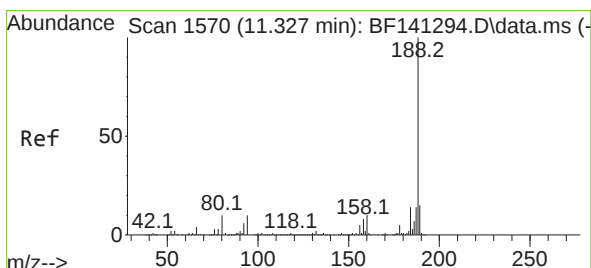
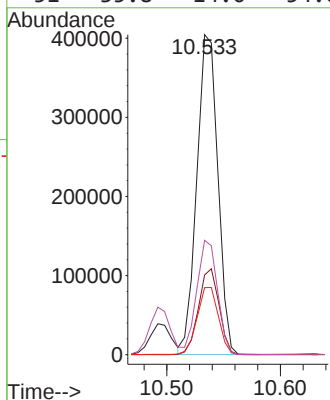
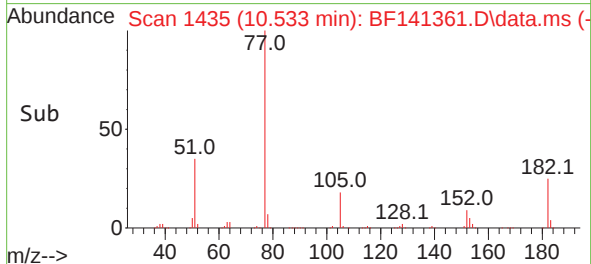
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



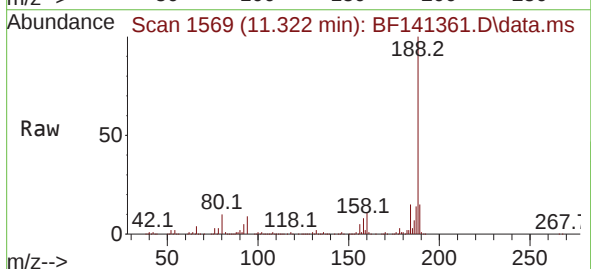
Tgt Ion: 77 Resp: 521272
Ion Ratio Lower Upper
77 100
182 24.9 5.1 45.1
105 20.9 1.8 41.8
51 35.8 14.0 54.0

Manual Integrations
APPROVED

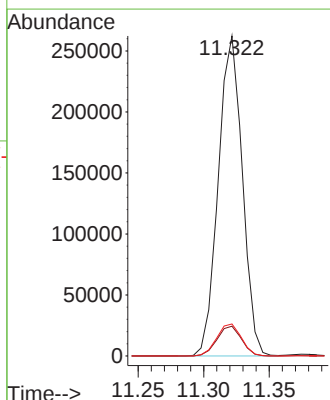
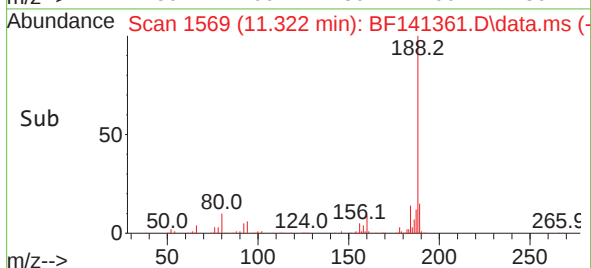
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025

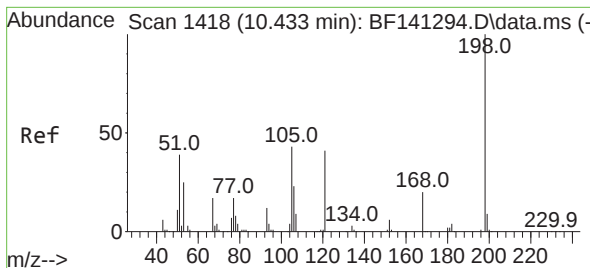


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF141361.D
Acq: 03 Feb 2025 11:24



Tgt Ion:188 Resp: 334466
Ion Ratio Lower Upper
188 100
94 9.3 7.8 11.6
80 10.0 8.2 12.4





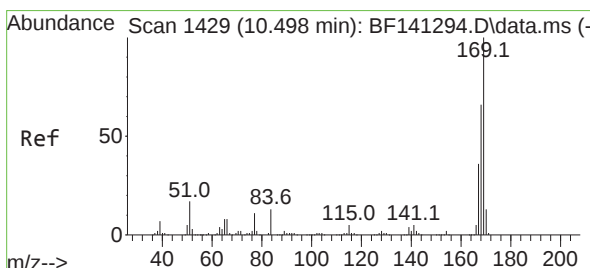
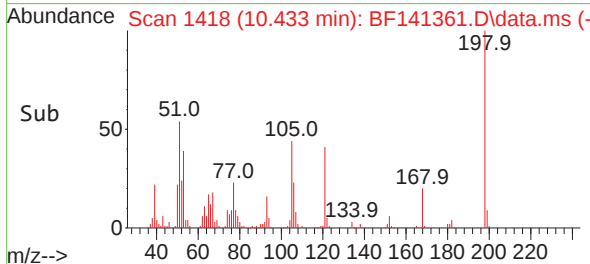
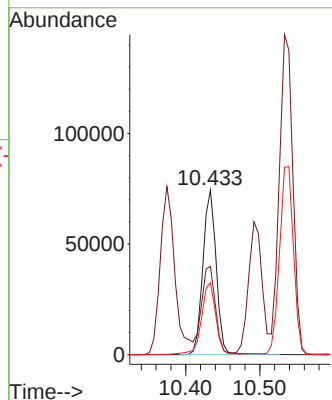
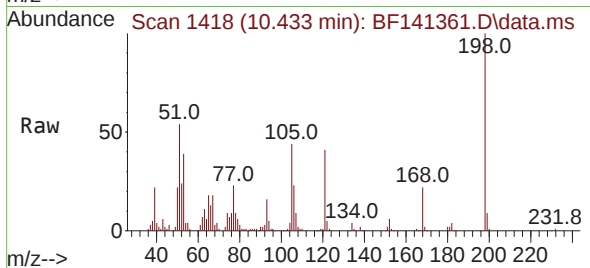
#65
4,6-Dinitro-2-methylphenol
Concen: 46.869 ng
RT: 10.433 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF141361.D
Acq: 03 Feb 2025 11:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 92723
Ion Ratio Lower Upper
198 100
51 53.7 33.4 73.4
105 43.7 24.4 64.4

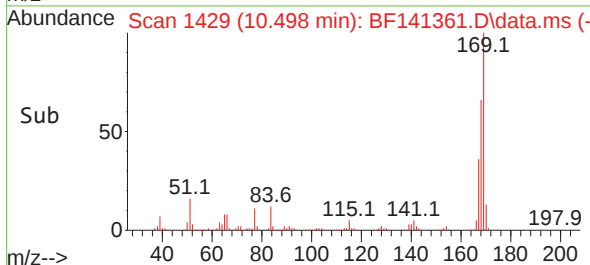
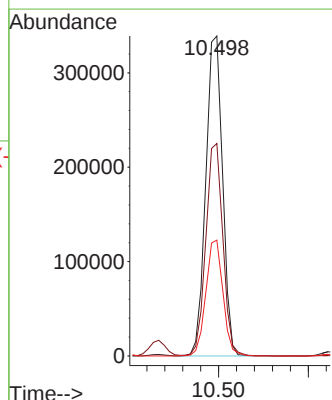
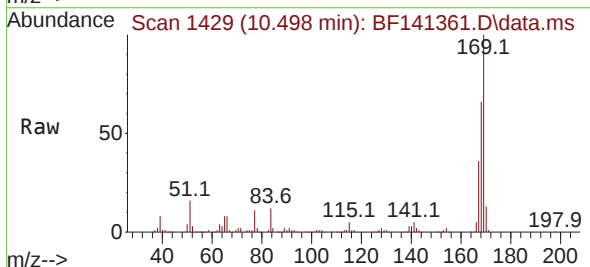
Manual Integrations
APPROVED

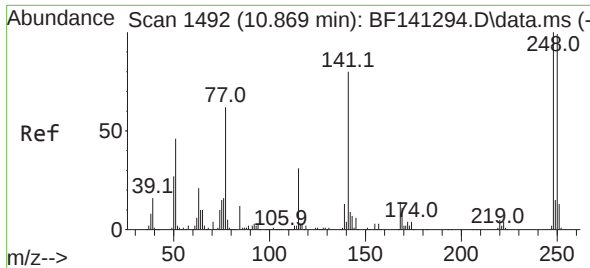
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#66
n-Nitrosodiphenylamine
Concen: 40.682 ng
RT: 10.498 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF141361.D
Acq: 03 Feb 2025 11:24

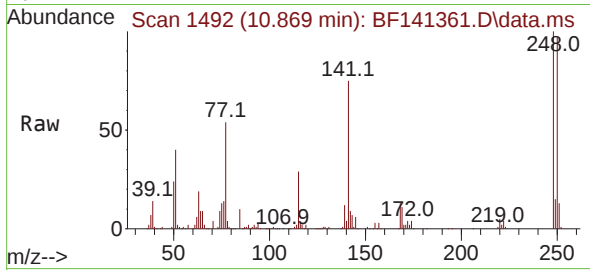
Tgt Ion:169 Resp: 440088
Ion Ratio Lower Upper
169 100
168 66.4 53.0 79.4
167 36.2 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 41.715 ng
RT: 10.869 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF141361.D
Acq: 03 Feb 2025 11:24

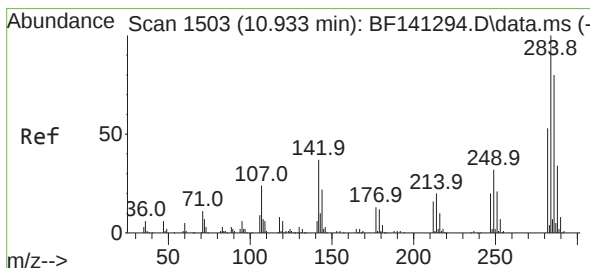
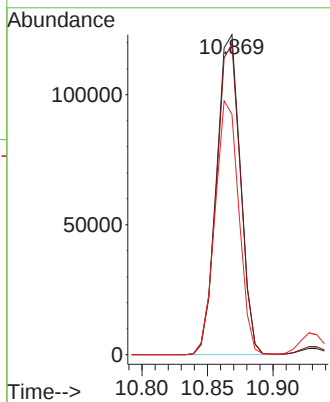
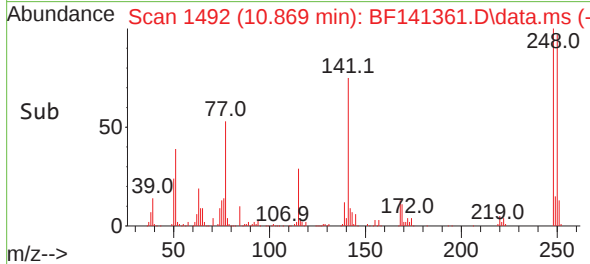
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



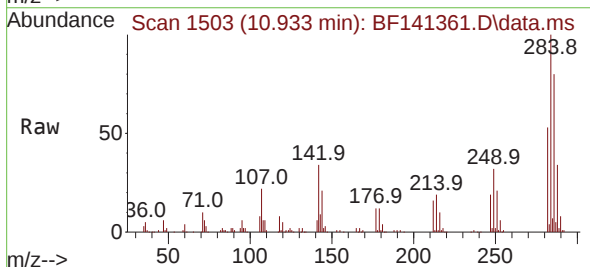
Tgt Ion:248 Resp: 156199
Ion Ratio Lower Upper
248 100
250 97.2 79.0 118.4
141 75.1 63.7 95.5

Manual Integrations
APPROVED

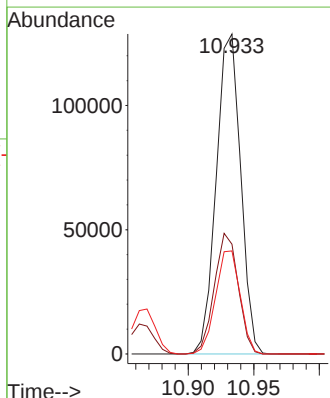
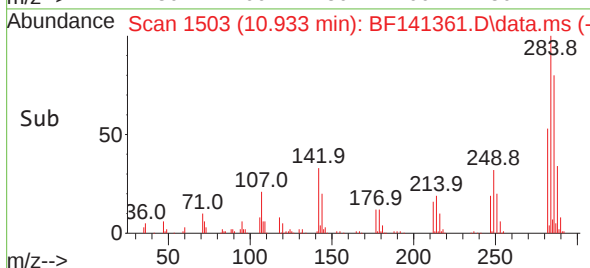
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025

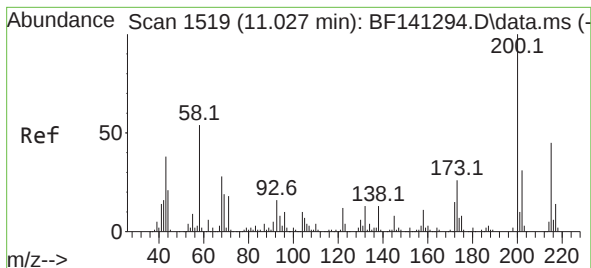


#68
Hexachlorobenzene
Concen: 41.866 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF141361.D
Acq: 03 Feb 2025 11:24



Tgt Ion:284 Resp: 166289
Ion Ratio Lower Upper
284 100
142 34.3 29.5 44.3
249 32.2 25.4 38.2





#69

Atrazine

Concen: 39.975 ng

RT: 11.022 min Scan# 1518

Delta R.T. -0.012 min

Lab File: BF141361.D

Acq: 03 Feb 2025 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:200 Resp: 14458

Ion Ratio Lower Upper

200 100

173 24.9 5.9 45.9

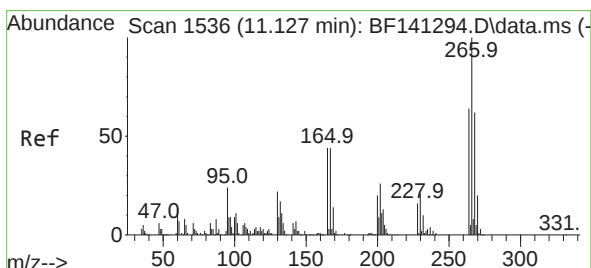
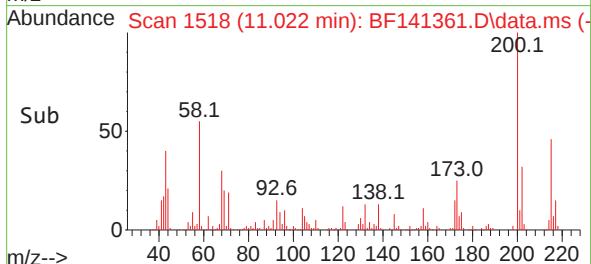
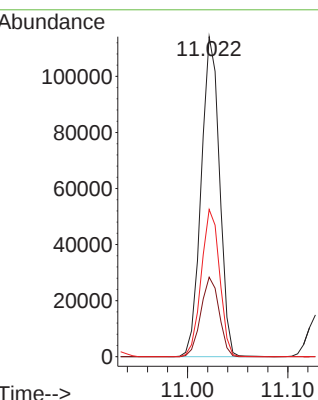
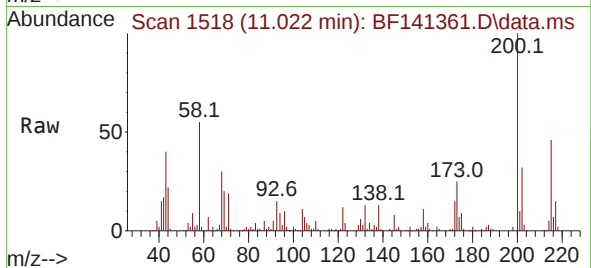
215 46.0 25.2 65.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025

Supervised By :mohammad ahmed 02/06/2025



#70

Pentachlorophenol

Concen: 43.745 ng

RT: 11.127 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF141361.D

Acq: 03 Feb 2025 11:24

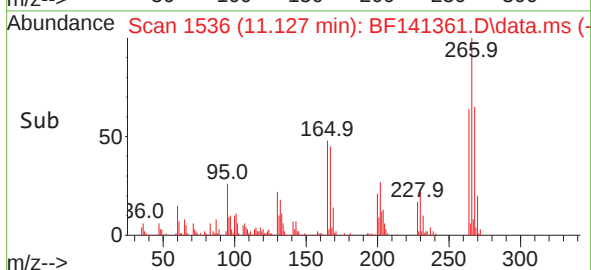
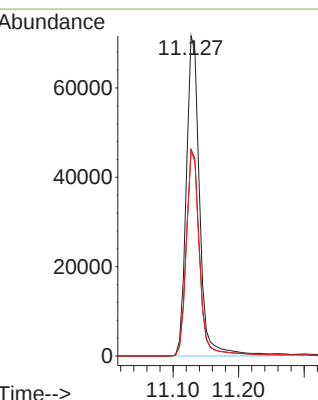
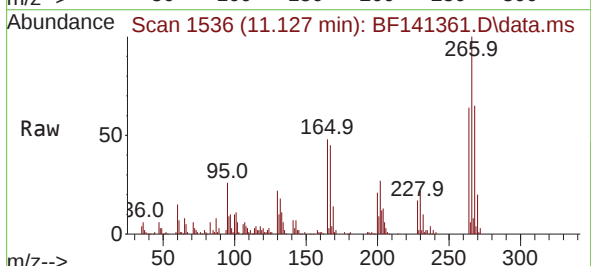
Tgt Ion:266 Resp: 101747

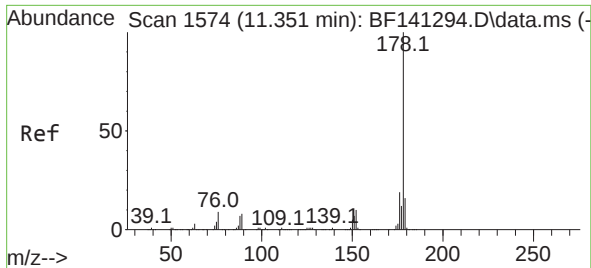
Ion Ratio Lower Upper

266 100

268 64.5 49.9 74.9

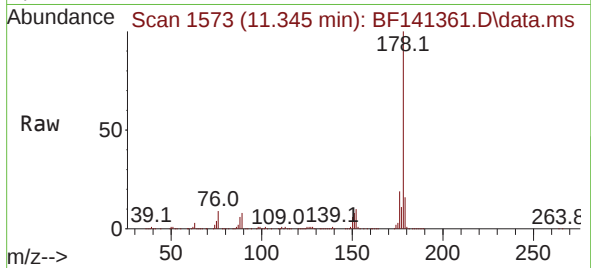
264 64.2 51.0 76.4





#71
Phenanthrene
Concen: 42.056 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF141361.D
Acq: 03 Feb 2025 11:24

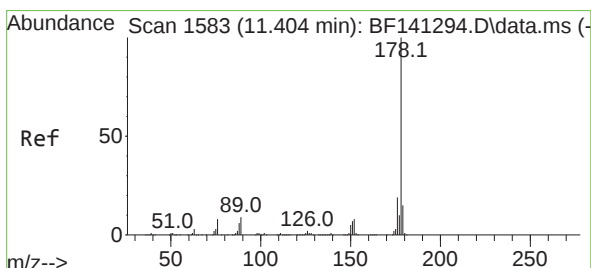
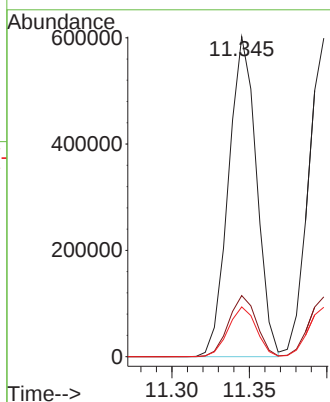
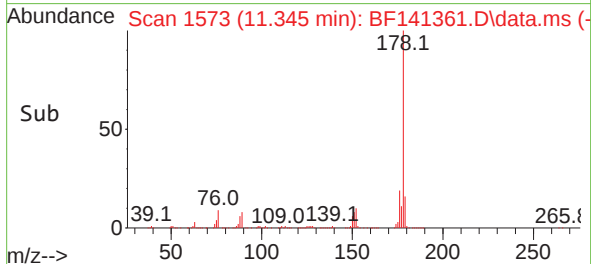
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



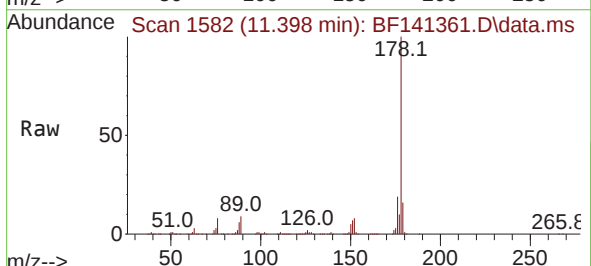
Tgt Ion:178 Resp: 756115
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.6 12.5 18.7

Manual Integrations
APPROVED

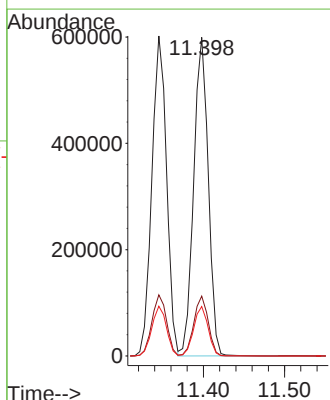
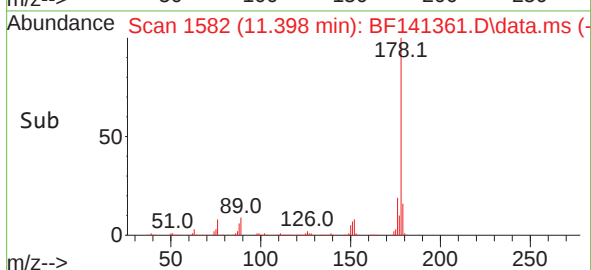
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025

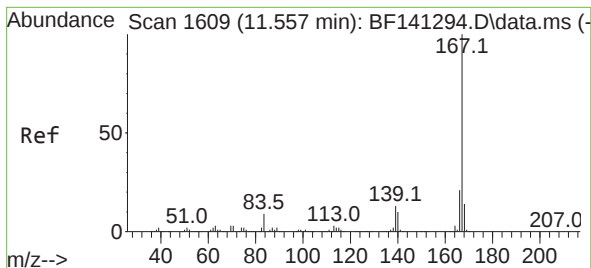


#72
Anthracene
Concen: 42.420 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF141361.D
Acq: 03 Feb 2025 11:24



Tgt Ion:178 Resp: 747273
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 15.5 12.3 18.5





#73

Carbazole

Concen: 44.227 ng

RT: 11.551 min Scan# 1608

Delta R.T. -0.006 min

Lab File: BF141361.D

Acq: 03 Feb 2025 11:24

Instrument :

BNA_F

ClientSampleId :

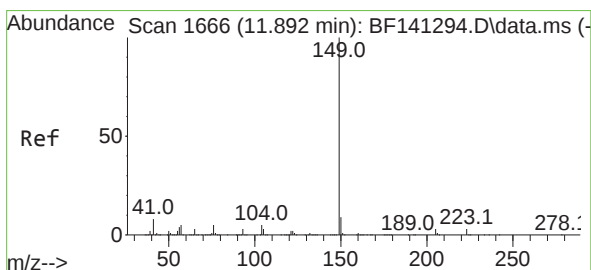
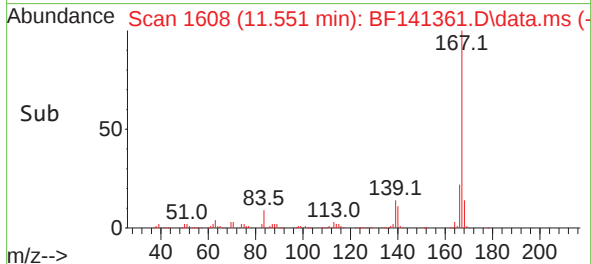
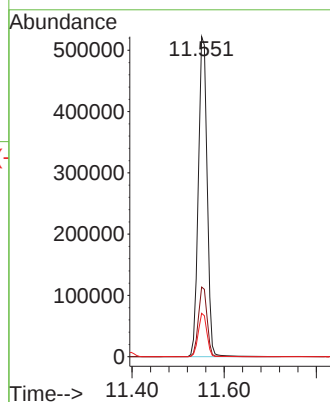
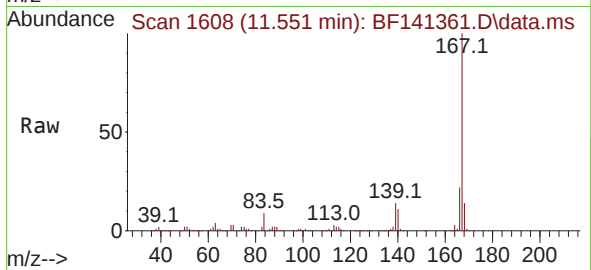
SSTDCCC040

Tgt Ion:167 Resp: 690858
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.0 25.6
 139 13.5 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025
 Supervised By :mohammad ahmed 02/06/2025



#74

Di-n-butylphthalate

Concen: 43.100 ng

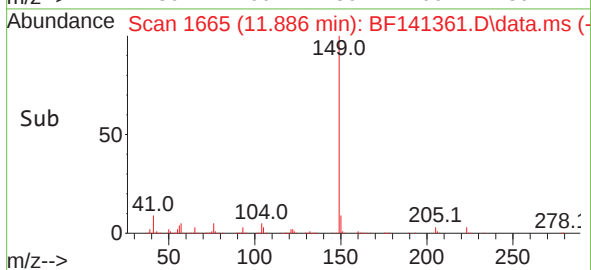
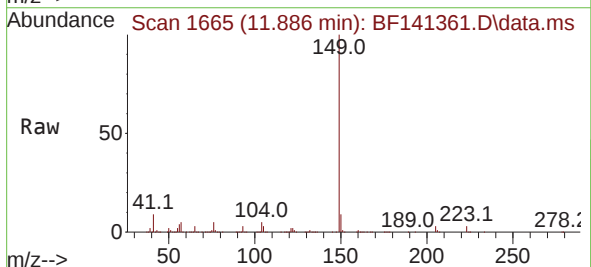
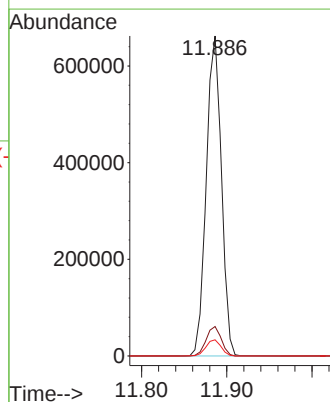
RT: 11.886 min Scan# 1665

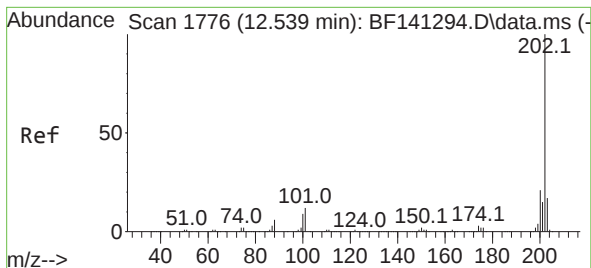
Delta R.T. -0.006 min

Lab File: BF141361.D

Acq: 03 Feb 2025 11:24

Tgt Ion:149 Resp: 815911
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 5.1 3.9 5.9





#75

Fluoranthene

Concen: 45.626 ng

RT: 12.533 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141361.D

Acq: 03 Feb 2025 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

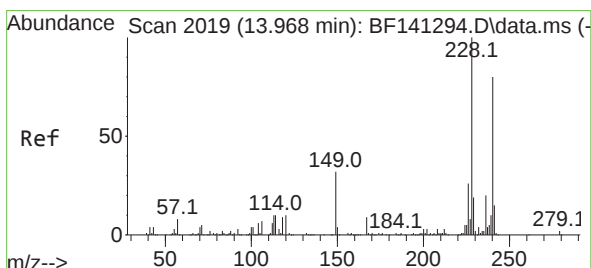
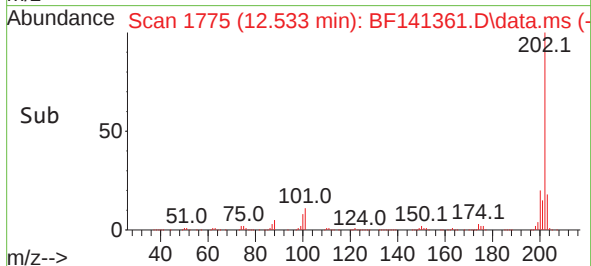
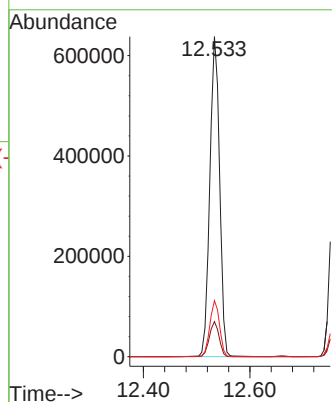
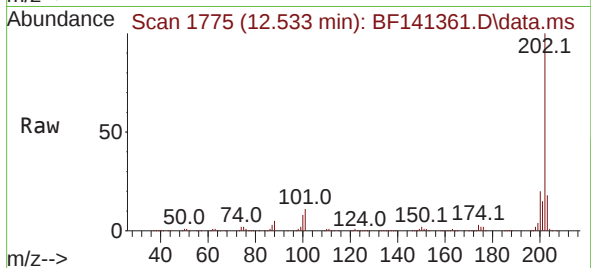
Tgt Ion:202 Resp: 809964

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	31.7
203	17.5	0.0	37.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 2019

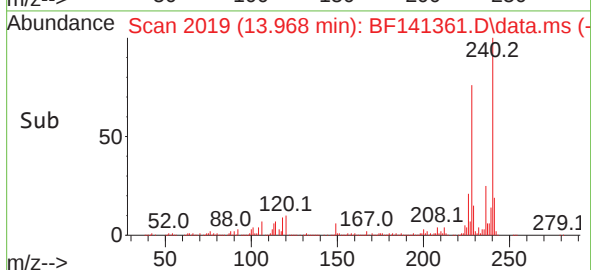
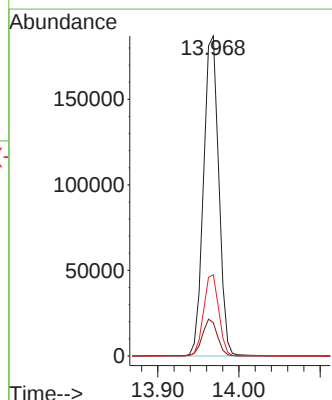
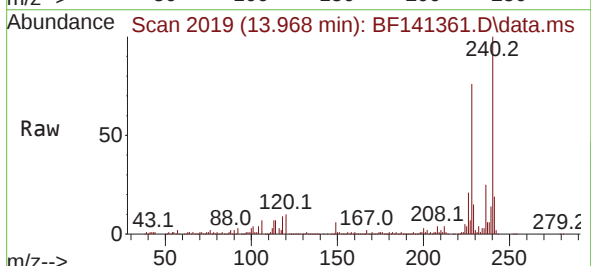
Delta R.T. -0.006 min

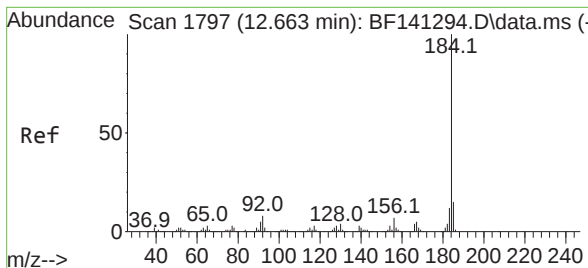
Lab File: BF141361.D

Acq: 03 Feb 2025 11:24

Tgt Ion:240 Resp: 243574

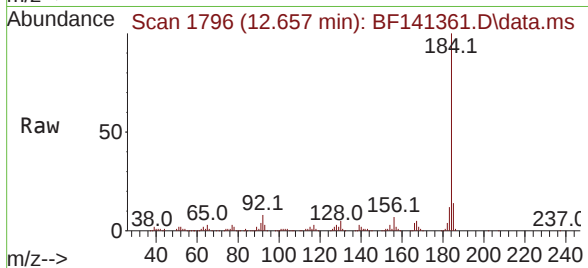
Ion	Ratio	Lower	Upper
240	100		
120	10.4	10.0	15.0
236	25.4	19.7	29.5





#77
Benzidine
Concen: 39.082 ng
RT: 12.657 min Scan# 1796
Delta R.T. -0.006 min
Lab File: BF141361.D
Acq: 03 Feb 2025 11:24

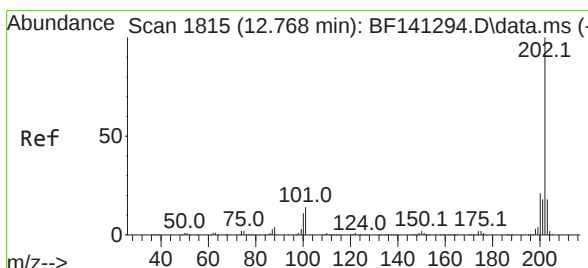
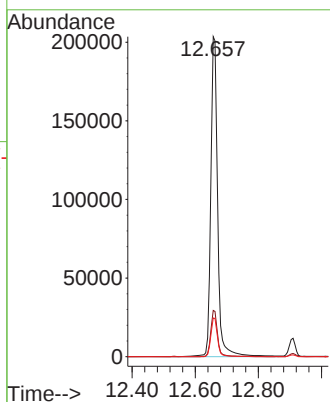
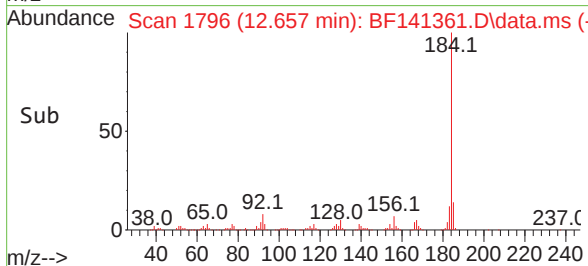
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



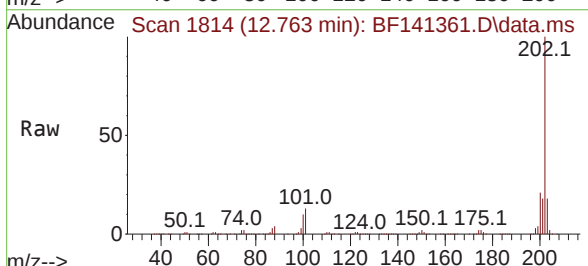
Tgt Ion:184 Resp: 305172
Ion Ratio Lower Upper
184 100
185 14.5 11.9 17.9
183 12.1 9.5 14.3

Manual Integrations
APPROVED

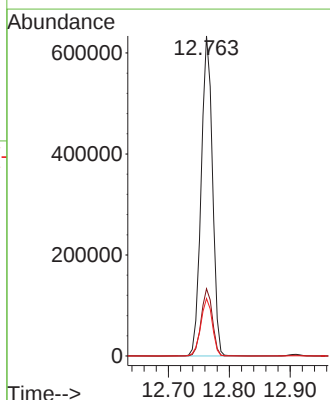
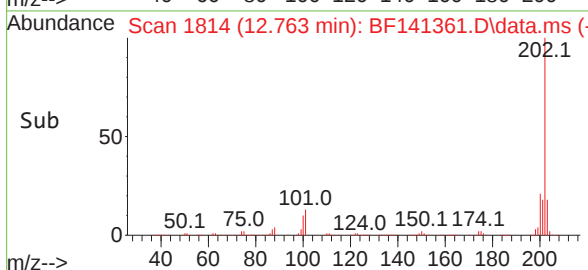
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025

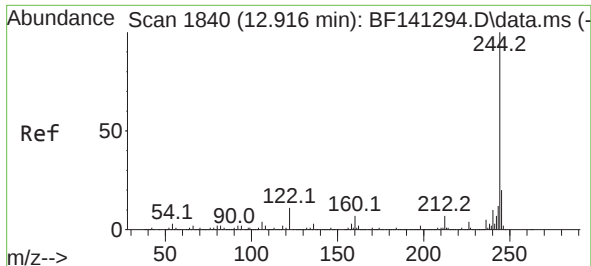


#78
Pyrene
Concen: 34.986 ng
RT: 12.763 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BF141361.D
Acq: 03 Feb 2025 11:24



Tgt Ion:202 Resp: 817992
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.4
203 18.0 14.3 21.5





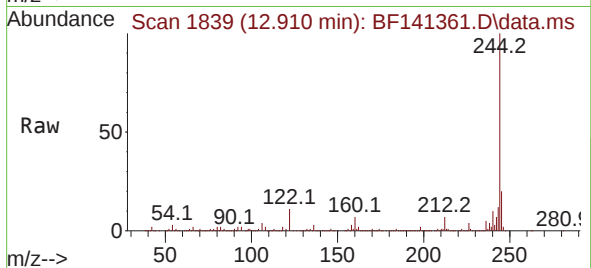
#79
 Terphenyl-d14
 Concen: 70.570 ng
 RT: 12.910 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF141361.D
 Acq: 03 Feb 2025 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

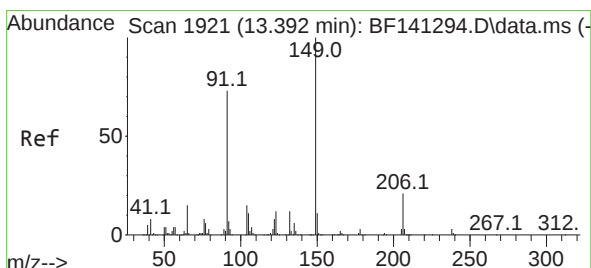
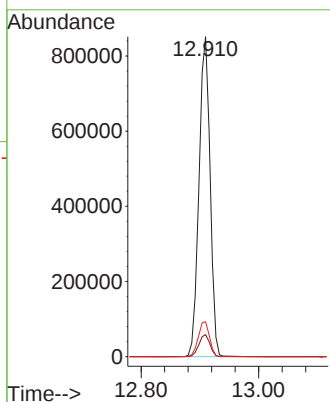
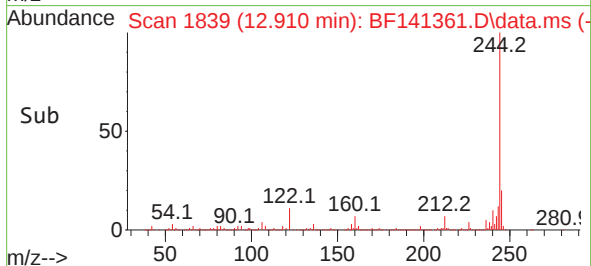


Tgt Ion:244 Resp: 111459
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 10.9 8.8 13.2

Manual Integrations

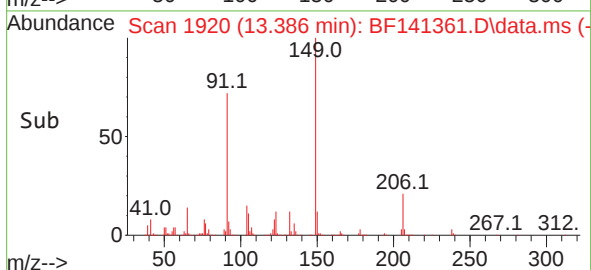
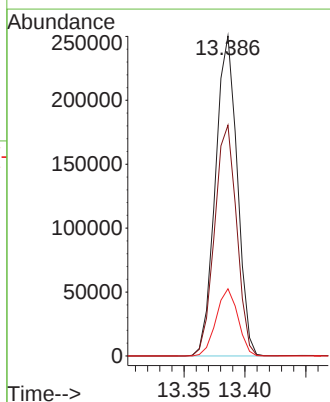
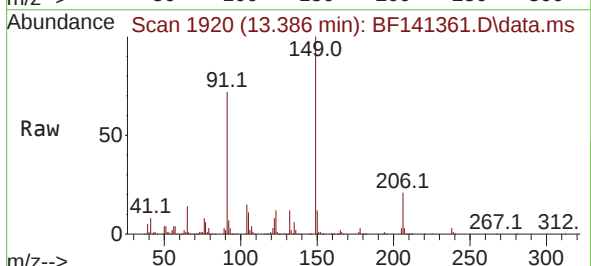
APPROVED

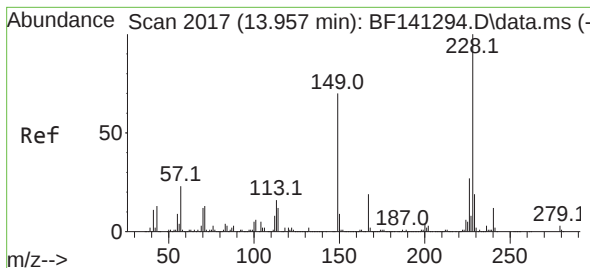
Reviewed By :Jagrut Upadhyay 02/04/2025
 Supervised By :mohammad ahmed 02/06/2025



#80
 Butylbenzylphthalate
 Concen: 38.308 ng
 RT: 13.386 min Scan# 1920
 Delta R.T. -0.006 min
 Lab File: BF141361.D
 Acq: 03 Feb 2025 11:24

Tgt Ion:149 Resp: 312910
 Ion Ratio Lower Upper
 149 100
 91 72.1 58.6 87.8
 206 21.0 16.7 25.1





#81

Benzo(a)anthracene

Concen: 38.325 ng

RT: 13.957 min Scan# 2017

Delta R.T. -0.006 min

Lab File: BF141361.D

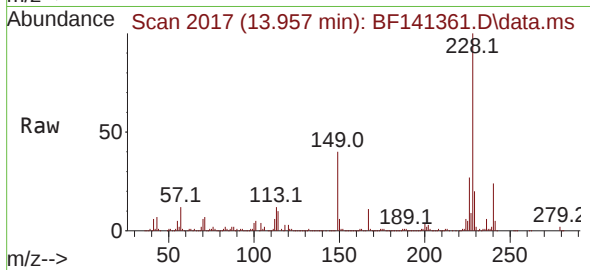
Acq: 03 Feb 2025 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:228 Resp: 64416

Ion Ratio Lower Upper

228 100

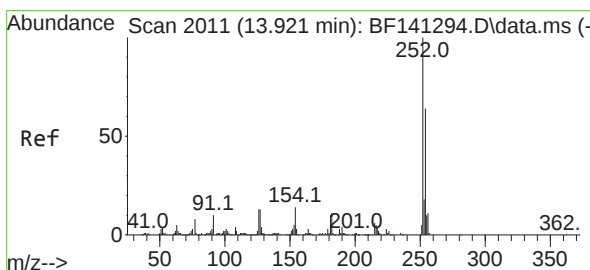
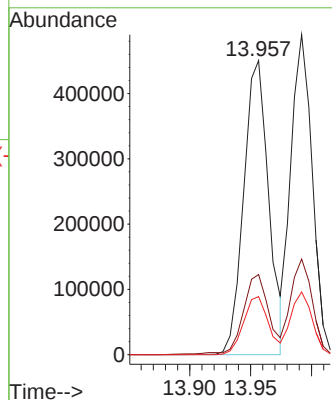
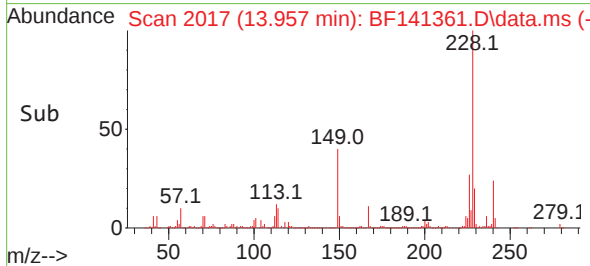
226 27.3 21.4 32.2

229 19.8 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#82

3,3'-Dichlorobenzidine

Concen: 39.687 ng

RT: 13.921 min Scan# 2011

Delta R.T. -0.006 min

Lab File: BF141361.D

Acq: 03 Feb 2025 11:24

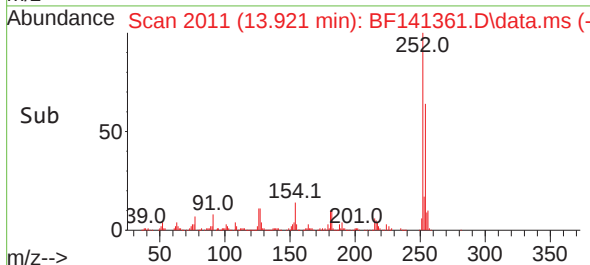
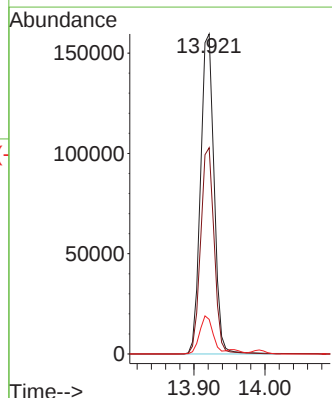
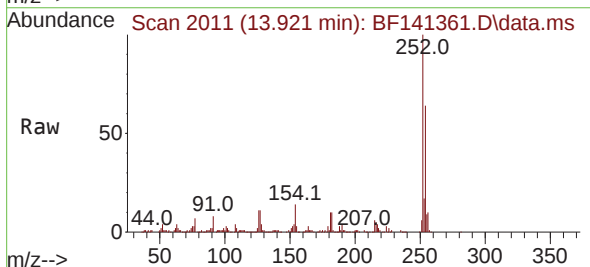
Tgt Ion:252 Resp: 212156

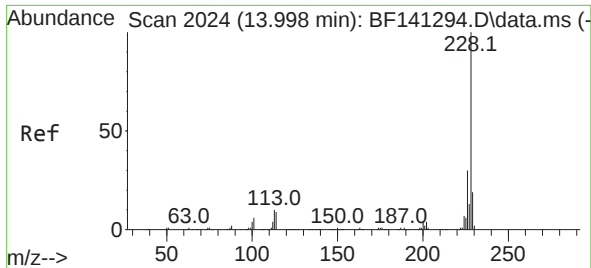
Ion Ratio Lower Upper

252 100

254 64.5 51.3 76.9

126 10.8 10.0 15.0





#83
Chrysene
Concen: 39.050 ng
RT: 13.992 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF141361.D
Acq: 03 Feb 2025 11:24

Instrument :

BNA_F

ClientSampleId :

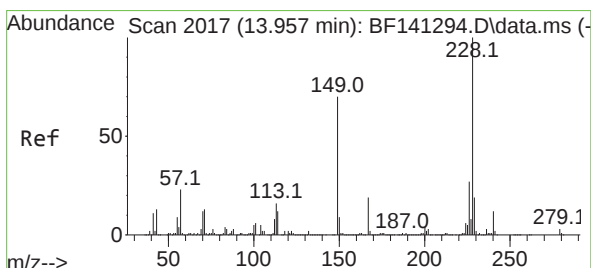
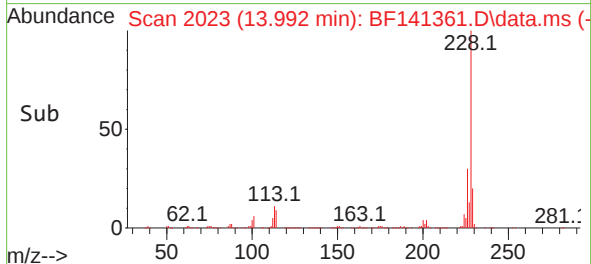
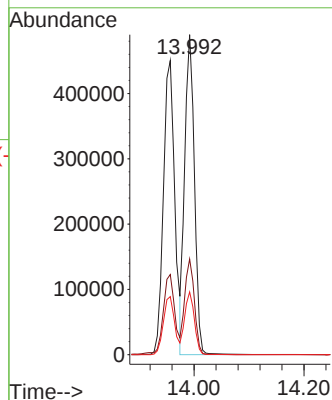
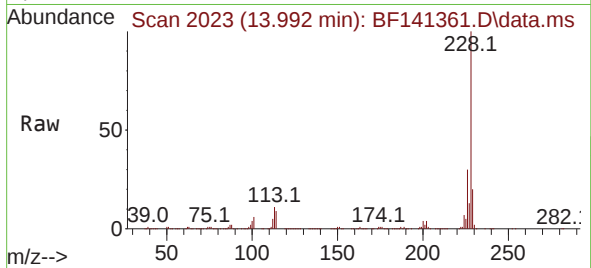
SSTDCCC040

Tgt Ion:228 Resp: 601529
Ion Ratio Lower Upper
228 100
226 29.9 24.1 36.1
229 19.6 15.6 23.4

Manual Integrations

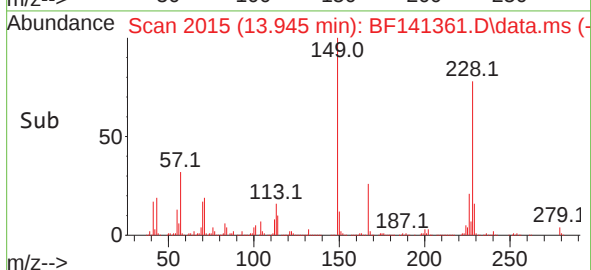
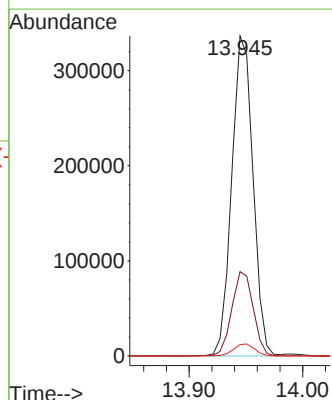
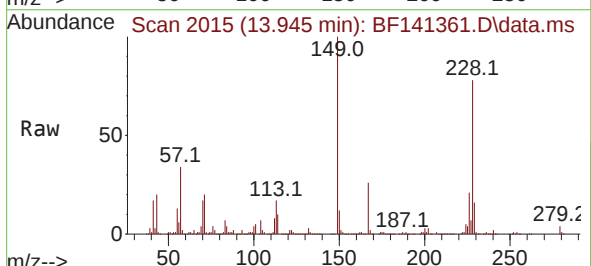
APPROVED

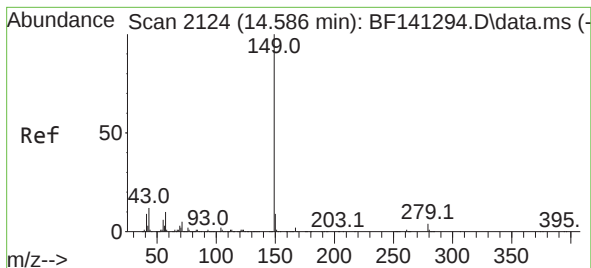
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.145 ng
RT: 13.945 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF141361.D
Acq: 03 Feb 2025 11:24

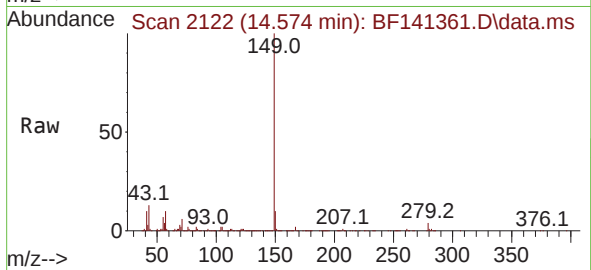
Tgt Ion:149 Resp: 436692
Ion Ratio Lower Upper
149 100
167 26.4 21.8 32.8
279 3.6 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 44.516 ng
RT: 14.574 min Scan# 2124
Delta R.T. -0.012 min
Lab File: BF141361.D
Acq: 03 Feb 2025 11:24

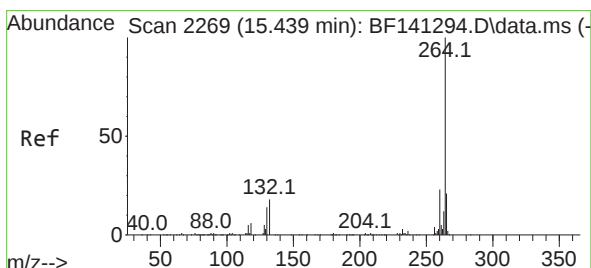
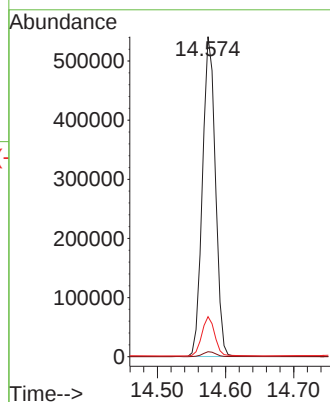
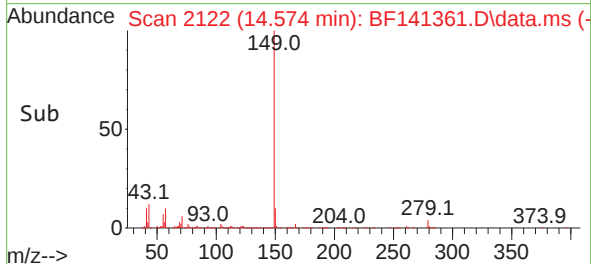
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:149 Resp: 716424
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 12.2 9.8 14.8

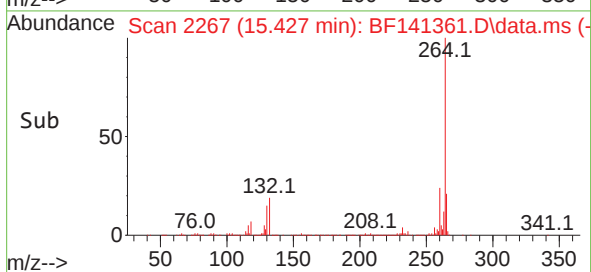
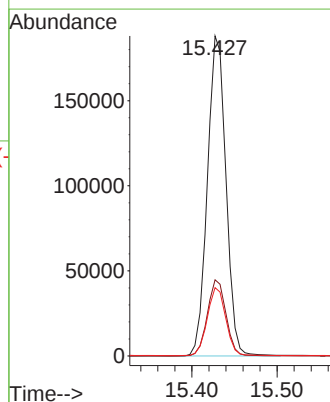
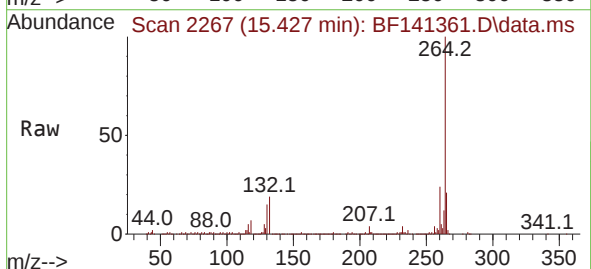
Manual Integrations
APPROVED

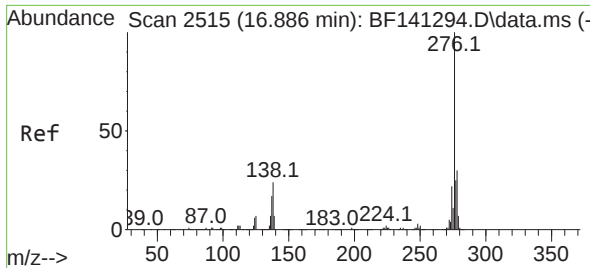
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.427 min Scan# 2267
Delta R.T. -0.012 min
Lab File: BF141361.D
Acq: 03 Feb 2025 11:24

Tgt Ion:264 Resp: 284769
Ion Ratio Lower Upper
264 100
260 23.8 18.6 27.8
265 21.4 16.7 25.1





#87
Indeno(1,2,3-cd)pyrene
Concen: 43.334 ng
RT: 16.874 min Scan# 2196
Delta R.T. -0.024 min
Lab File: BF141361.D
Acq: 03 Feb 2025 11:24

Instrument :

BNA_F

ClientSampleId :

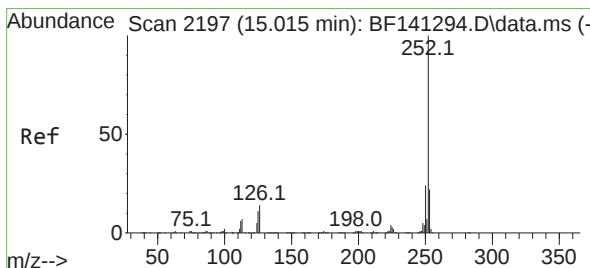
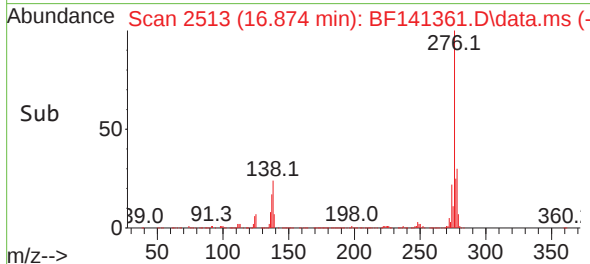
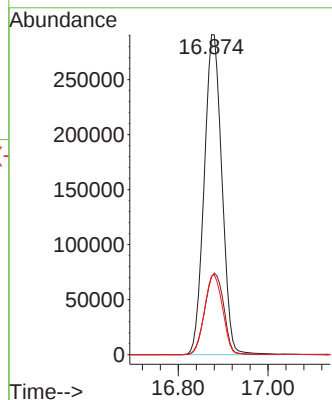
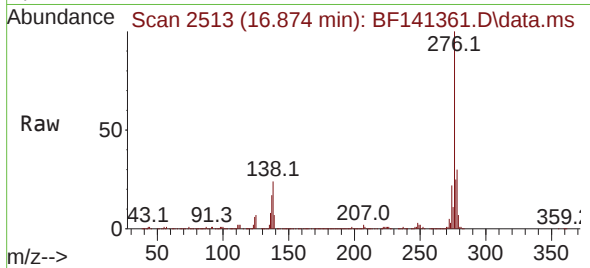
SSTDCCC040

Tgt Ion:276 Resp: 79646
Ion Ratio Lower Upper
276 100
138 27.2 21.7 32.5
277 25.6 20.3 30.5

Manual Integrations

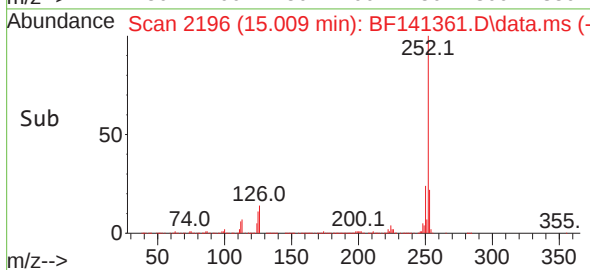
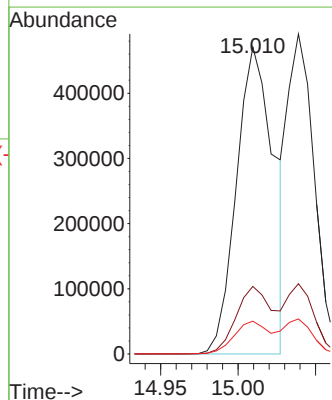
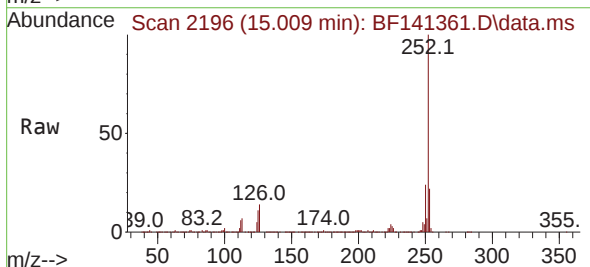
APPROVED

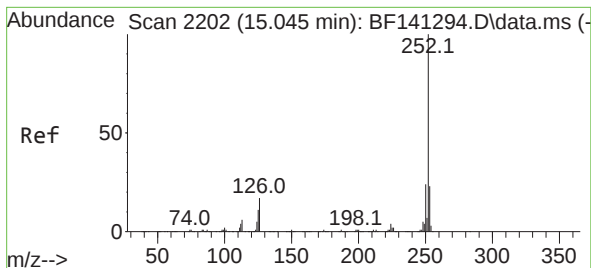
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#88
Benzo(b)fluoranthene
Concen: 44.175 ng
RT: 15.009 min Scan# 2196
Delta R.T. -0.012 min
Lab File: BF141361.D
Acq: 03 Feb 2025 11:24

Tgt Ion:252 Resp: 791291
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 10.7 8.6 12.8





#89

Benzo(k)fluoranthene

Concen: 36.950 ng

RT: 15.039 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF141361.D

Acq: 03 Feb 2025 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:252 Resp: 58634

Ion Ratio Lower Upper

252 100

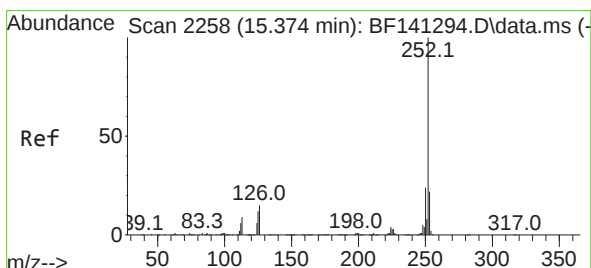
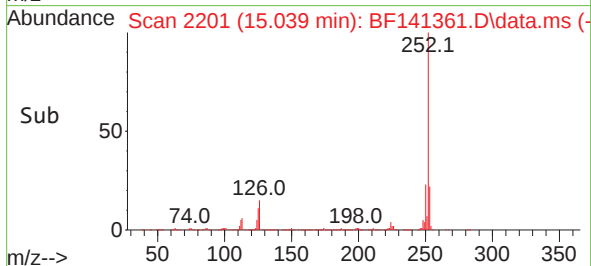
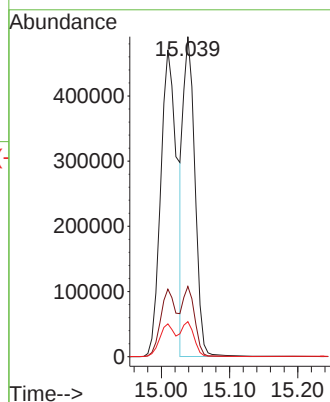
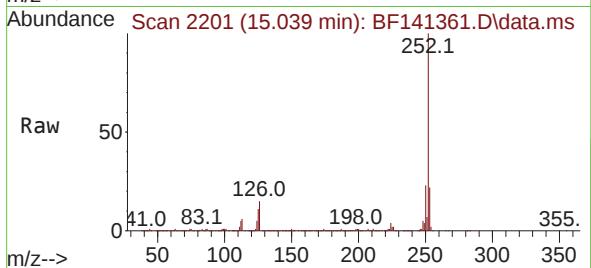
253 21.9 17.6 26.4

125 10.9 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#90

Benzo(a)pyrene

Concen: 41.504 ng

RT: 15.368 min Scan# 2257

Delta R.T. -0.012 min

Lab File: BF141361.D

Acq: 03 Feb 2025 11:24

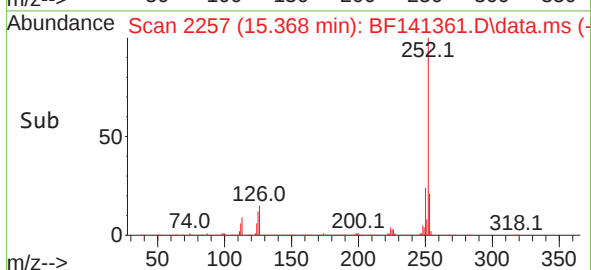
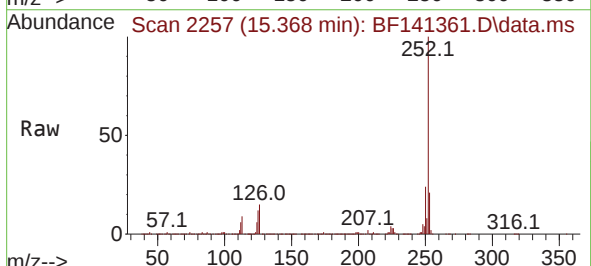
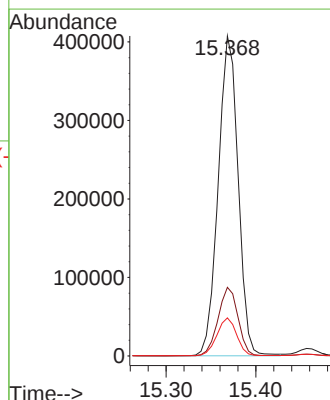
Tgt Ion:252 Resp: 628247

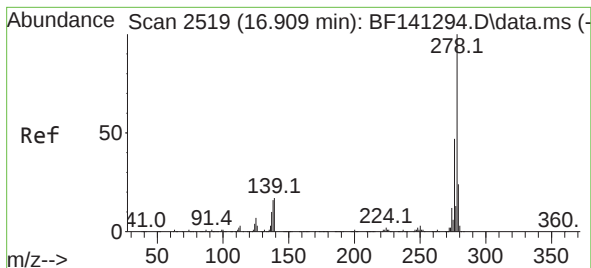
Ion Ratio Lower Upper

252 100

253 21.5 17.2 25.8

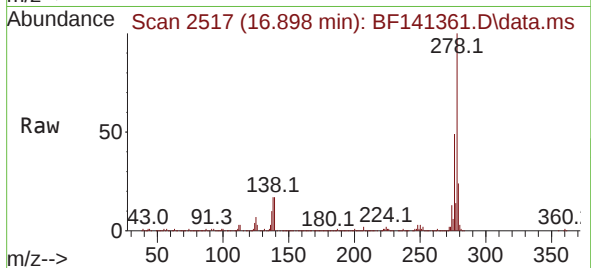
125 11.9 9.4 14.2





#91
Dibenzo(a,h)anthracene
Concen: 43.298 ng
RT: 16.898 min Scan# 21
Delta R.T. -0.024 min
Lab File: BF141361.D
Acq: 03 Feb 2025 11:24

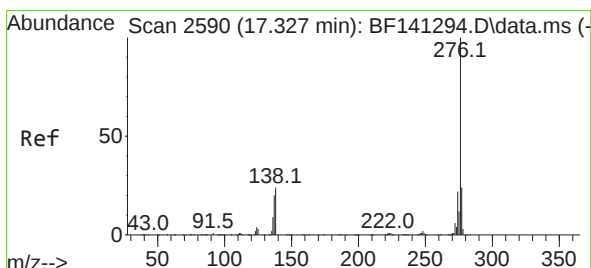
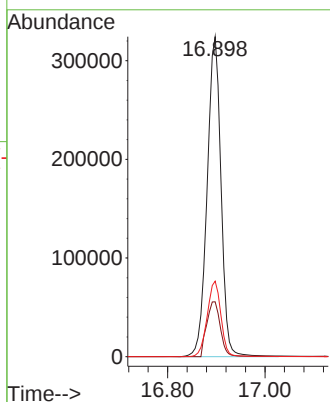
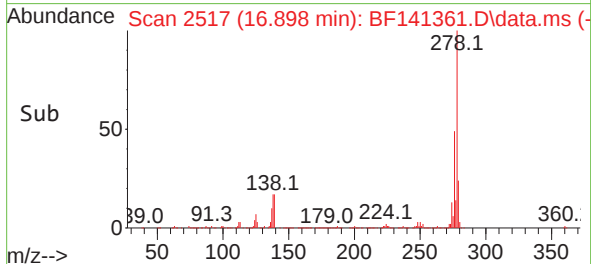
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:278 Resp: 64025
Ion Ratio Lower Upper
278 100
139 17.2 13.9 20.9
279 23.6 18.8 28.2

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#92
Benzo(g,h,i)perylene
Concen: 43.768 ng
RT: 17.315 min Scan# 2588
Delta R.T. -0.030 min
Lab File: BF141361.D
Acq: 03 Feb 2025 11:24

Tgt Ion:276 Resp: 672962
Ion Ratio Lower Upper
276 100
277 23.9 19.2 28.8
138 23.6 19.0 28.4

