

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
 Data File : BF141334.D
 Acq On : 31 Jan 2025 16:26
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025

Quant Time: Jan 31 18:34:55 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	164970	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	647909	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	341541	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	566479	20.000	ng	0.00
76) Chrysene-d12	13.968	240	341440	20.000	ng	0.00
86) Perylene-d12	15.439	264	331116	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	791139	73.623	ng	0.00
7) Phenol-d6	6.428	99	993362	72.667	ng	-0.01
23) Nitrobenzene-d5	7.363	82	896200	72.918	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	235886	75.335	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1562690	70.424	ng	0.00
79) Terphenyl-d14	12.915	244	1567460	70.798	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.481	88	179518	37.986	ng	99
3) Pyridine	3.210	79	436407	38.326	ng	99
4) n-Nitrosodimethylamine	3.163	42	248931	38.269	ng	99
6) Aniline	6.463	93	439932	38.018	ng	99
8) 2-Chlorophenol	6.586	128	426501	37.030	ng	96
9) Benzaldehyde	6.345	77	310932	39.268	ng	99
10) Phenol	6.445	94	527421	36.397	ng	94
11) bis(2-Chloroethyl)ether	6.539	93	407197	36.649	ng	98
12) 1,3-Dichlorobenzene	6.739	146	469100	36.939	ng	99
13) 1,4-Dichlorobenzene	6.816	146	473169	37.089	ng	100
14) 1,2-Dichlorobenzene	6.969	146	432488	36.203	ng	99
15) Benzyl Alcohol	6.939	79	350130	37.479	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.075	45	715839	37.050	ng	99
17) 2-Methylphenol	7.051	107	344483	36.801	ng	99
18) Hexachloroethane	7.310	117	173871	36.943	ng	98
19) n-Nitroso-di-n-propyla...	7.216	70	295405	36.368	ng	97
20) 3+4-Methylphenols	7.204	107	411022	35.761	ng	99
22) Acetophenone	7.210	105	548834	35.637	ng	99
24) Nitrobenzene	7.381	77	467777	36.727	ng	99
25) Isophorone	7.622	82	785054	36.952	ng	99
26) 2-Nitrophenol	7.698	139	224162	37.318	ng	100
27) 2,4-Dimethylphenol	7.733	122	286982m	37.535	ng	
28) bis(2-Chloroethoxy)met...	7.833	93	494480	36.489	ng	100
29) 2,4-Dichlorophenol	7.939	162	346397	37.008	ng	100
30) 1,2,4-Trichlorobenzene	8.022	180	385139	36.030	ng	99
31) Naphthalene	8.104	128	1231790	35.989	ng	99
32) Benzoic acid	7.851	122	298299m	42.441	ng	
33) 4-Chloroaniline	8.151	127	411817	35.481	ng	99
34) Hexachlorobutadiene	8.222	225	227599	36.308	ng	99
35) Caprolactam	8.528	113	116667	38.166	ng	94
36) 4-Chloro-3-methylphenol	8.633	107	376529	37.503	ng	98
37) 2-Methylnaphthalene	8.792	142	782487	35.969	ng	98
38) 1-Methylnaphthalene	8.892	142	767501	35.916	ng	100
40) 1,2,4,5-Tetrachloroben...	8.957	216	357735	36.817	ng	100
41) Hexachlorocyclopentadiene	8.945	237	112765	39.297	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	241760	38.014	ng	99

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Manual Integrations
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 Supervised By :mohammad ahmed 02/04/2025

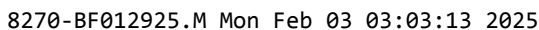
Quant Time: Jan 31 18:34:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
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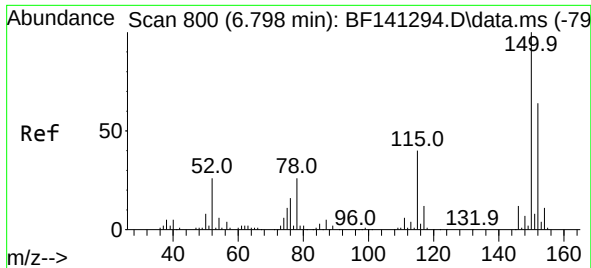
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	256970	37.124	ng	100
46) 1,1'-Biphenyl	9.257	154	961081	36.082	ng	99
47) 2-Chloronaphthalene	9.286	162	748367	36.046	ng	99
48) 2-Nitroaniline	9.380	65	246493	37.746	ng	99
49) Acenaphthylene	9.698	152	1061017	36.509	ng	100
50) Dimethylphthalate	9.563	163	853360	36.994	ng	100
51) 2,6-Dinitrotoluene	9.622	165	202525	37.813	ng	98
52) Acenaphthene	9.875	154	761516	36.678	ng	100
53) 3-Nitroaniline	9.792	138	195318	37.207	ng	100
54) 2,4-Dinitrophenol	9.898	184	104461	41.956	ng	97
55) Dibenzofuran	10.045	168	999283	35.957	ng	100
56) 4-Nitrophenol	9.951	139	152830	39.808	ng	98
57) 2,4-Dinitrotoluene	10.027	165	267112	38.519	ng	99
58) Fluorene	10.386	166	773726	35.892	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.163	232	209383	38.450	ng	99
60) Diethylphthalate	10.263	149	832152	37.205	ng	100
61) 4-Chlorophenyl-phenyle...	10.380	204	380628	36.147	ng	100
62) 4-Nitroaniline	10.404	138	198535	38.469	ng	99
63) Azobenzene	10.539	77	831958	37.160	ng	99
65) 4,6-Dinitro-2-methylph...	10.433	198	148537	44.330	ng	99
66) n-Nitrosodiphenylamine	10.498	169	682549	37.253	ng	99
67) 4-Bromophenyl-phenylether	10.869	248	244392	38.536	ng	98
68) Hexachlorobenzene	10.933	284	255323	37.954	ng	99
69) Atrazine	11.027	200	213403	34.836	ng	98
70) Pentachlorophenol	11.127	266	167246	42.456	ng	99
71) Phenanthrene	11.351	178	1133127	37.212	ng	99
72) Anthracene	11.404	178	1126615	37.760	ng	99
73) Carbazole	11.557	167	1014712	38.354	ng	99
74) Di-n-butylphthalate	11.892	149	1270081	39.613	ng	100
75) Fluoranthene	12.539	202	1159837	38.576	ng	100
77) Benzidine	12.663	184	393366	35.937	ng	99
78) Pyrene	12.768	202	1173910	35.817	ng	100
80) Butylbenzylphthalate	13.392	149	451201	39.406	ng	99
81) Benzo(a)anthracene	13.957	228	824181	34.980	ng	100
82) 3,3'-Dichlorobenzidine	13.927	252	272114	36.313	ng	99
83) Chrysene	13.998	228	770666	35.690	ng	100
84) Bis(2-ethylhexyl)phtha...	13.957	149	561147	38.633	ng	100
85) Di-n-octyl phthalate	14.586	149	880674	39.037	ng	100
87) Indeno(1,2,3-cd)pyrene	16.892	276	802001	37.527	ng	100
88) Benzo(b)fluoranthene	15.015	252	808478	38.817	ng	99
89) Benzo(k)fluoranthene	15.045	252	638999	34.632	ng	100
90) Benzo(a)pyrene	15.380	252	655984	37.270	ng	100
91) Dibenzo(a,h)anthracene	16.909	278	645395	37.536	ng	99
92) Benzo(g,h,i)perylene	17.327	276	685709	38.355	ng	99

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

Manual Integrations

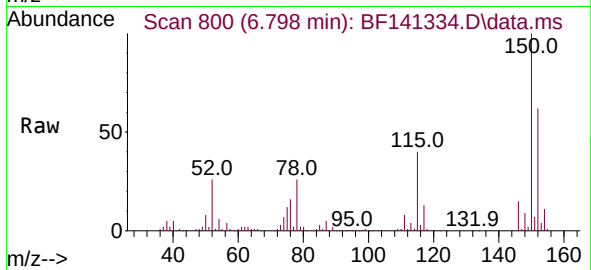
Quant Time: Jan 31 18:34:55 2025
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

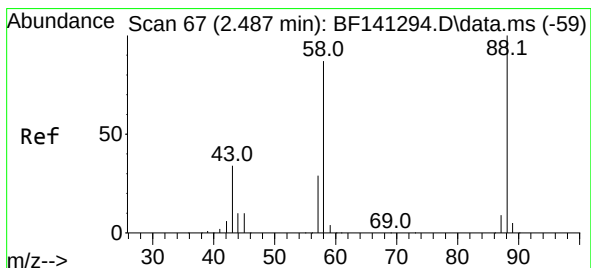
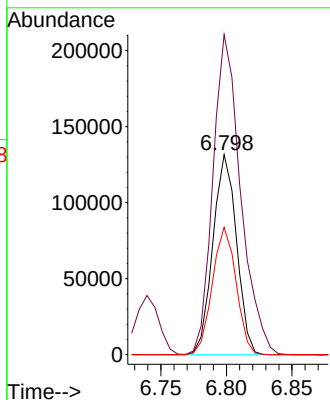
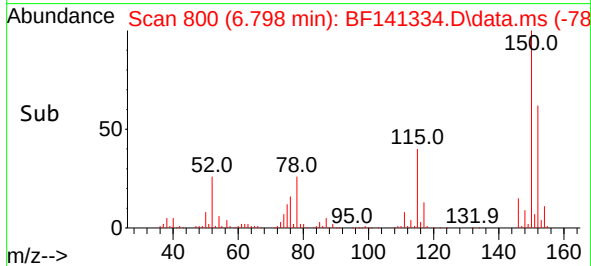
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:152 Resp: 164970
Ion Ratio Lower Upper
152 100
150 160.0 125.9 188.9
115 63.7 49.7 74.5

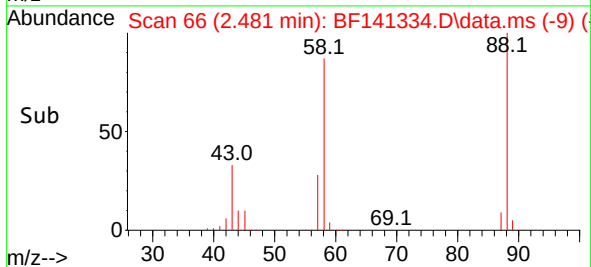
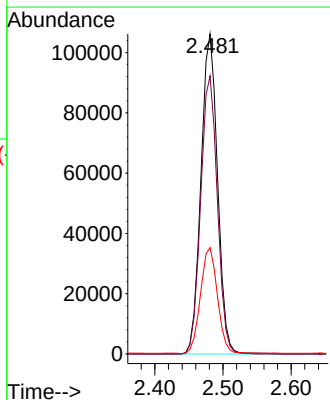
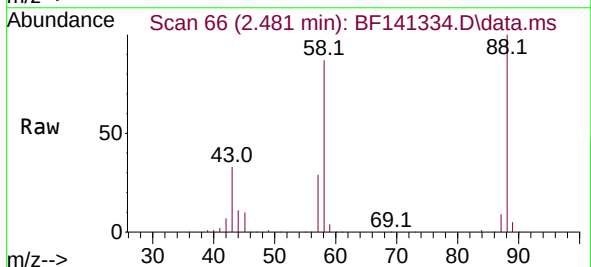
Manual Integrations
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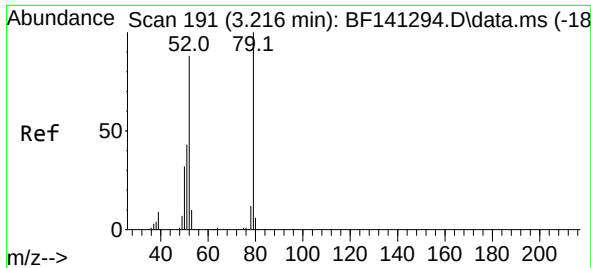
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#2
1,4-Dioxane
Concen: 37.986 ng
RT: 2.481 min Scan# 66
Delta R.T. -0.012 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

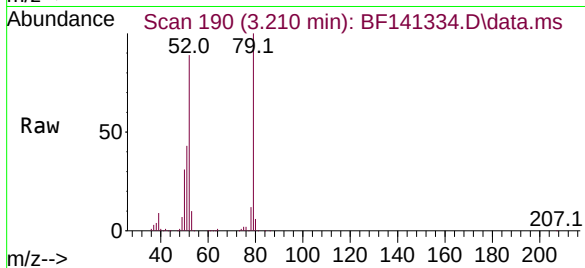
Tgt Ion: 88 Resp: 179518
Ion Ratio Lower Upper
88 100
58 87.2 70.2 105.4
43 33.7 27.6 41.4





#3
Pyridine
Concen: 38.326 ng
RT: 3.210 min Scan# 191
Delta R.T. -0.018 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

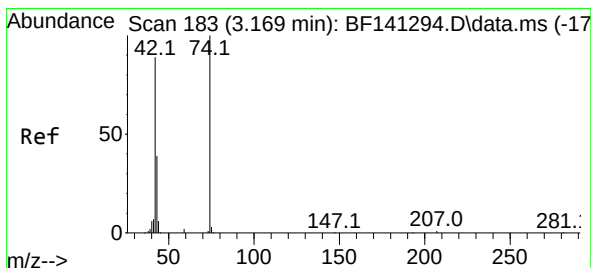
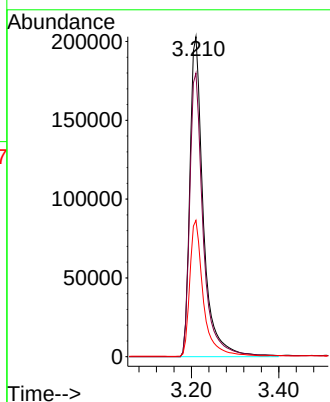
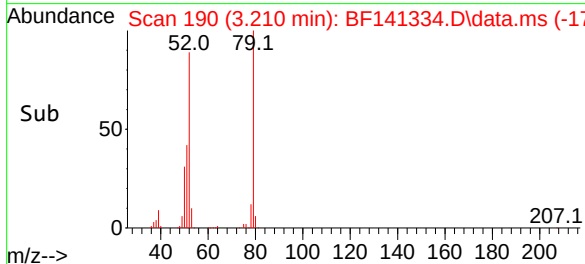
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



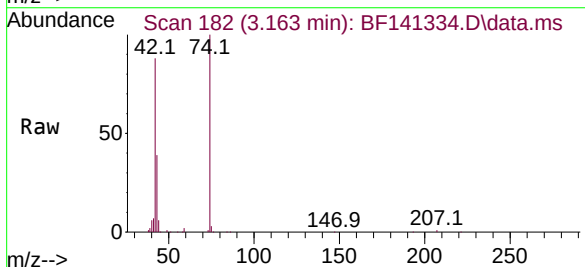
Tgt Ion: 79 Resp: 43640
Ion Ratio Lower Upper
79 100
52 88.6 70.3 105.5
51 42.6 34.3 51.5

Manual Integrations
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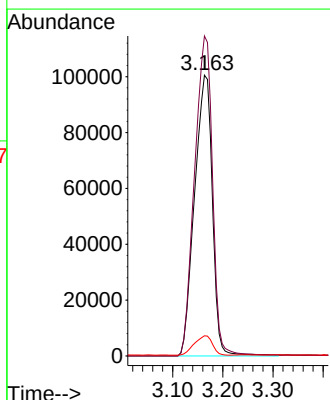
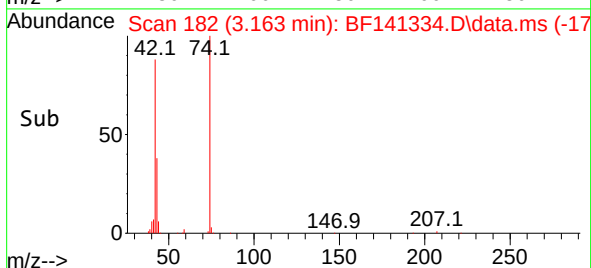
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

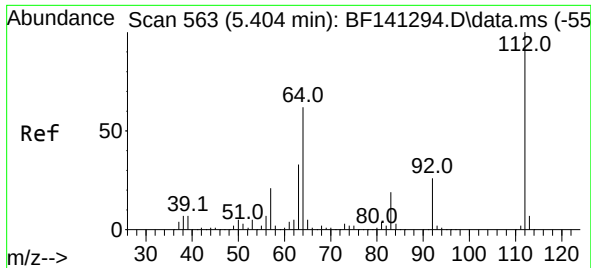


#4
n-Nitrosodimethylamine
Concen: 38.269 ng
RT: 3.163 min Scan# 182
Delta R.T. -0.036 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26



Tgt Ion: 42 Resp: 248931
Ion Ratio Lower Upper
42 100
74 114.0 90.3 135.5
44 7.2 5.7 8.5





#5
2-Fluorophenol
Concen: 73.623 ng
RT: 5.404 min Scan# 50
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Instrument :

BNA_F

ClientSampleId :

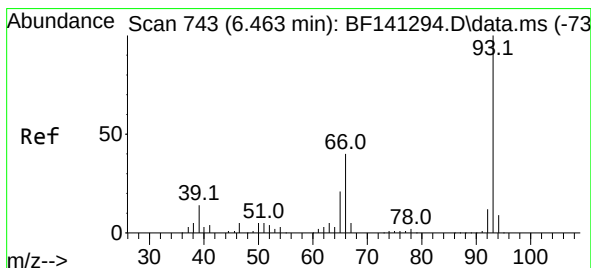
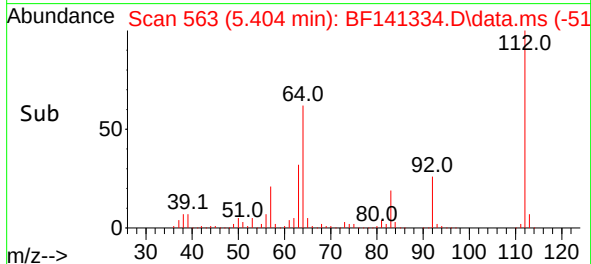
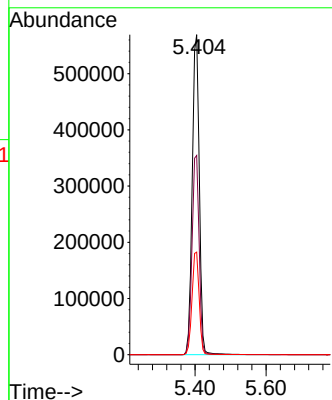
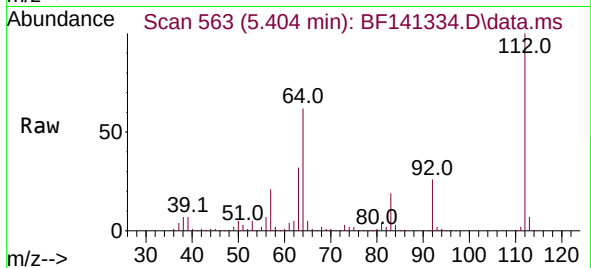
SSTDCCC040EC

Tgt Ion:112 Resp: 791139
Ion Ratio Lower Upper
112 100
64 62.3 49.8 74.8
63 32.1 26.1 39.1

Manual Integrations

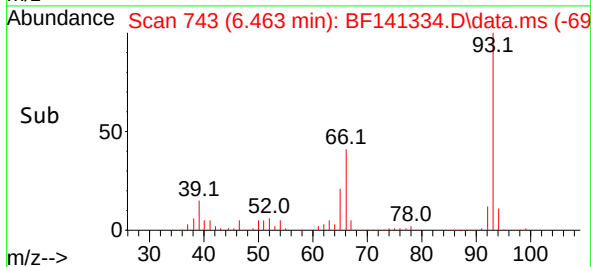
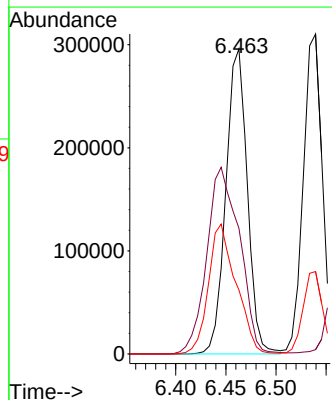
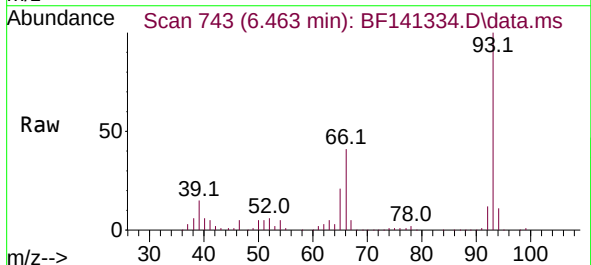
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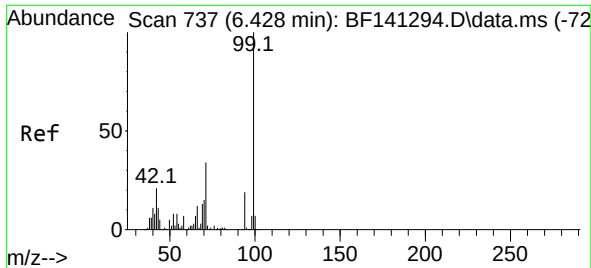
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#6
Aniline
Concen: 38.018 ng
RT: 6.463 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

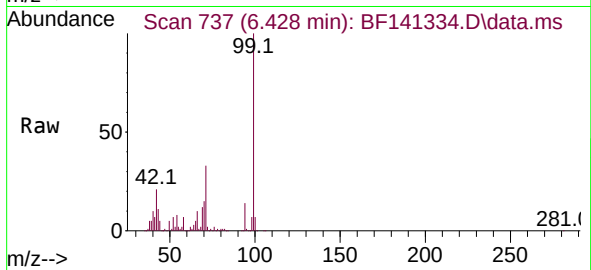
Tgt Ion: 93 Resp: 439932
Ion Ratio Lower Upper
93 100
66 41.2 32.5 48.7
65 21.0 17.0 25.6





#7
Phenol-d6
Concen: 72.667 ng
RT: 6.428 min Scan# 713
Delta R.T. -0.012 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

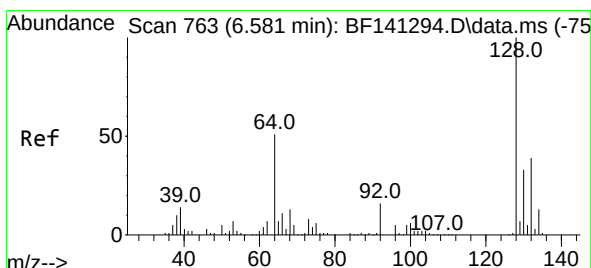
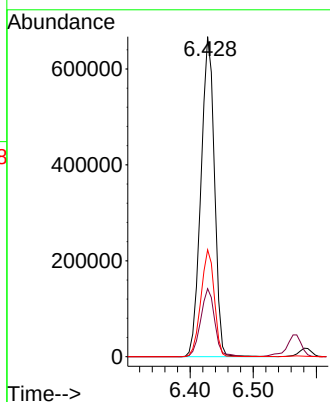
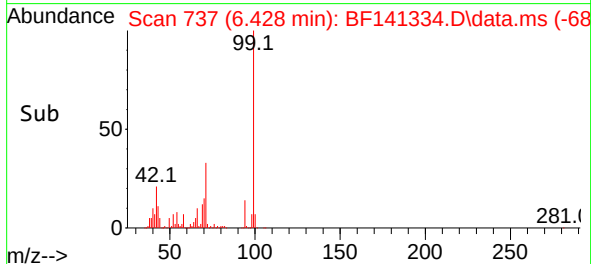
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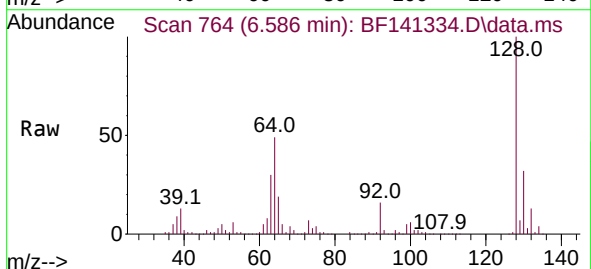
Tgt Ion: 99 Resp: 993362
Ion Ratio Lower Upper
99 100
42 21.3 17.1 25.7
71 33.4 26.9 40.3

Manual Integrations
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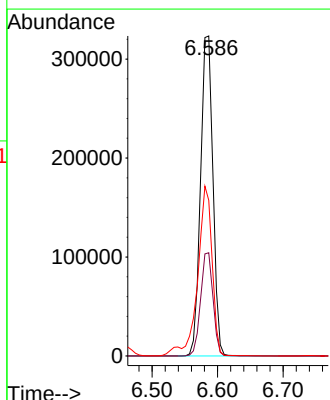
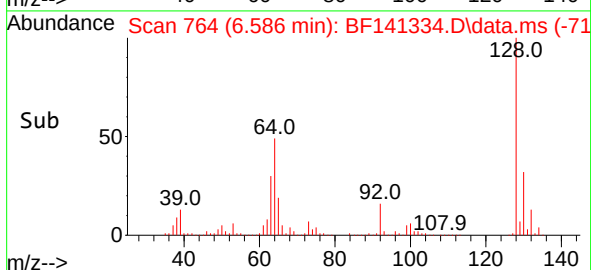
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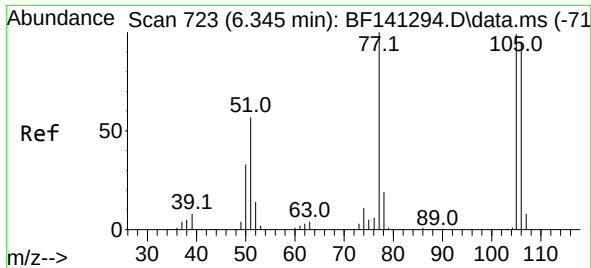


#8
2-Chlorophenol
Concen: 37.030 ng
RT: 6.586 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26



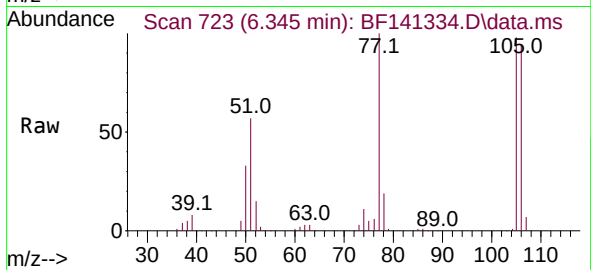
Tgt Ion:128 Resp: 426501
Ion Ratio Lower Upper
128 100
130 32.3 12.5 52.5
64 48.7 32.9 72.9





#9
Benzaldehyde
Concen: 39.268 ng
RT: 6.345 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

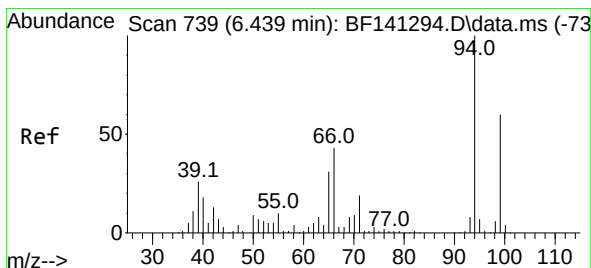
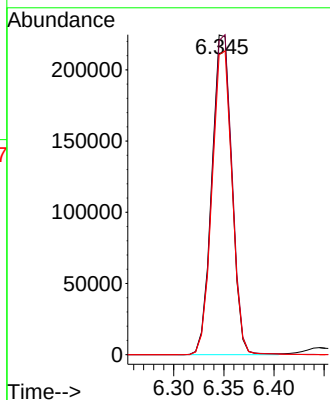
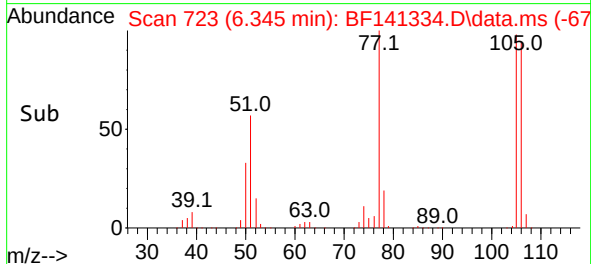
Instrument :
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Tgt Ion: 77 Resp: 31093
Ion Ratio Lower Upper
77 100
105 98.3 79.4 119.4
106 93.9 74.6 114.6

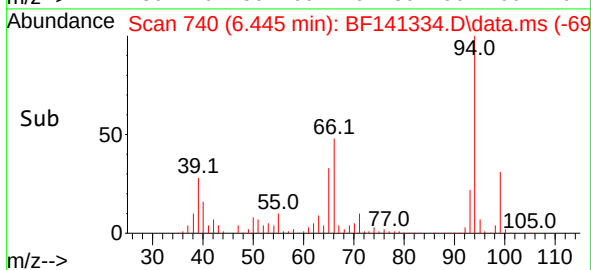
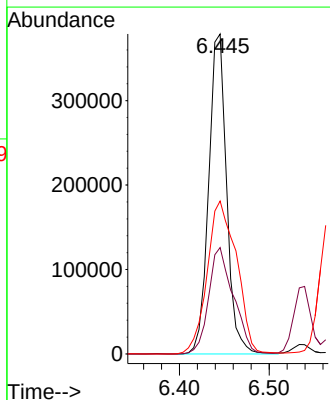
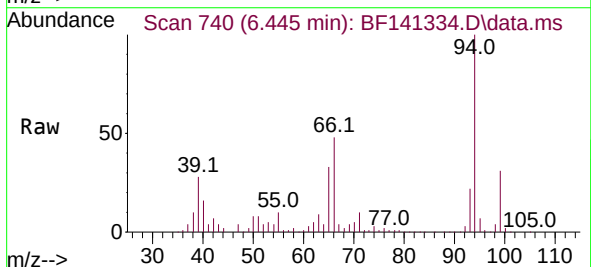
Manual Integrations
APPROVED

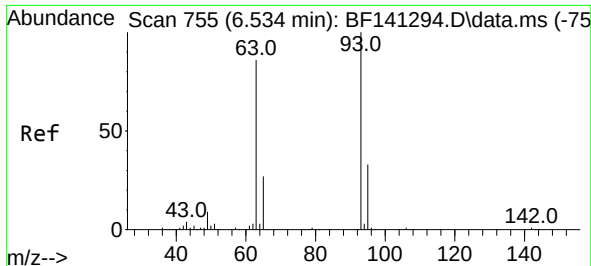
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#10
Phenol
Concen: 36.397 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion: 94 Resp: 527421
Ion Ratio Lower Upper
94 100
65 33.3 10.8 50.8
66 47.8 23.3 63.3





#11

bis(2-Chloroethyl)ether

Concen: 36.649 ng

RT: 6.539 min Scan# 755

Delta R.T. -0.006 min

Lab File: BF141334.D

Acq: 31 Jan 2025 16:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

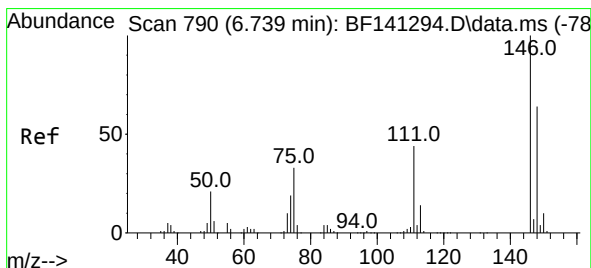
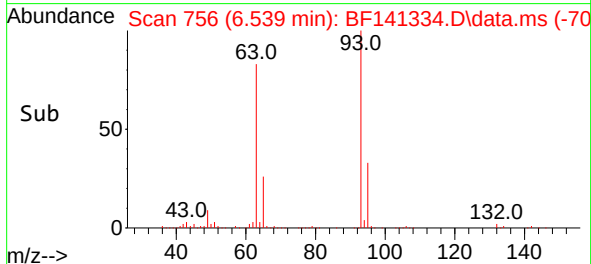
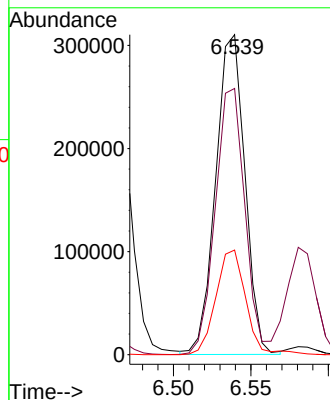
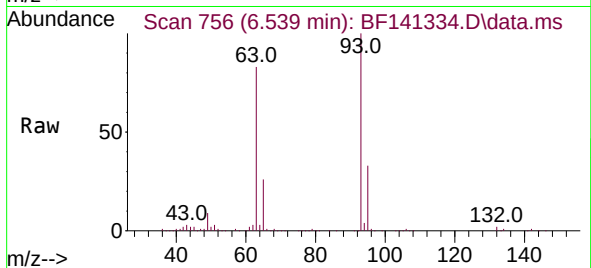
Tgt Ion: 93 Resp: 40719

Ion	Ratio	Lower	Upper
93	100		
63	83.2	65.0	105.0
95	32.7	12.4	52.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#12

1,3-Dichlorobenzene

Concen: 36.939 ng

RT: 6.739 min Scan# 790

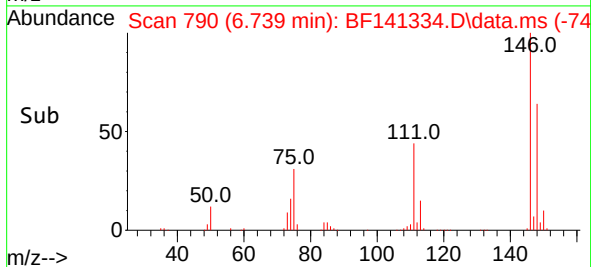
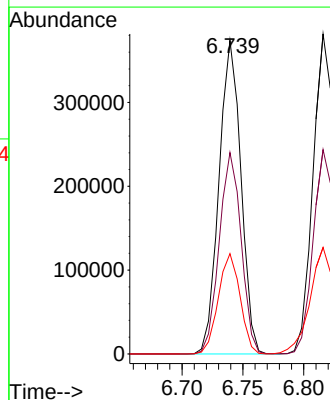
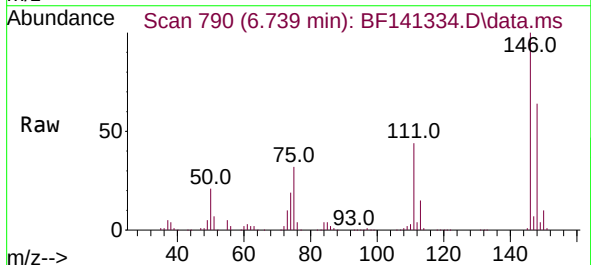
Delta R.T. -0.006 min

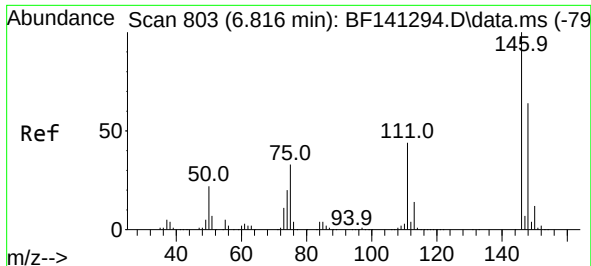
Lab File: BF141334.D

Acq: 31 Jan 2025 16:26

Tgt Ion:146 Resp: 469100

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.2	76.8
75	32.0	26.2	39.4





#13

1,4-Dichlorobenzene

Concen: 37.089 ng

RT: 6.816 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF141334.D

Acq: 31 Jan 2025 16:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:146 Resp: 473169

Ion Ratio Lower Upper

146 100

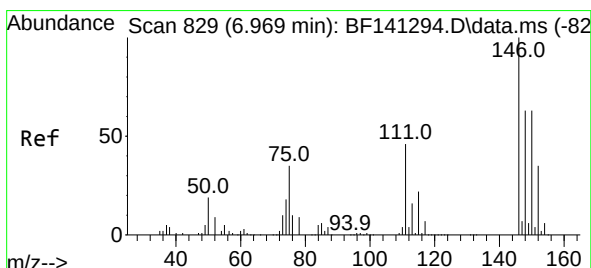
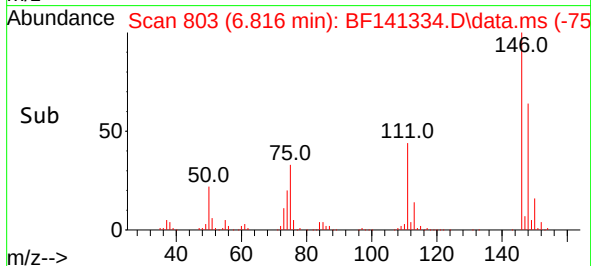
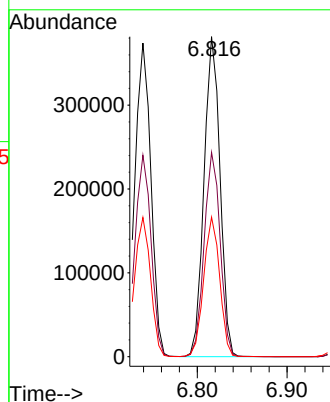
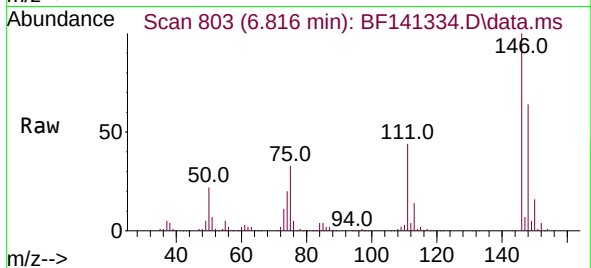
148 63.9 51.2 76.8

111 43.6 35.0 52.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#14

1,2-Dichlorobenzene

Concen: 36.203 ng

RT: 6.969 min Scan# 829

Delta R.T. -0.006 min

Lab File: BF141334.D

Acq: 31 Jan 2025 16:26

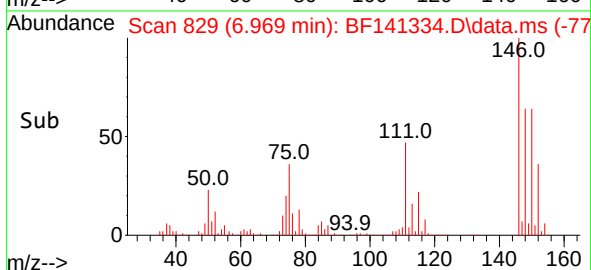
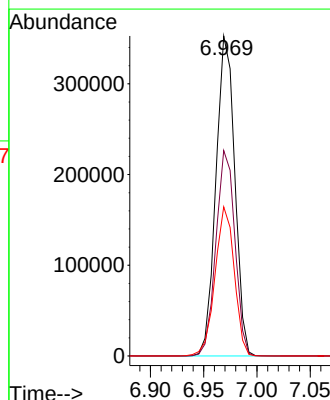
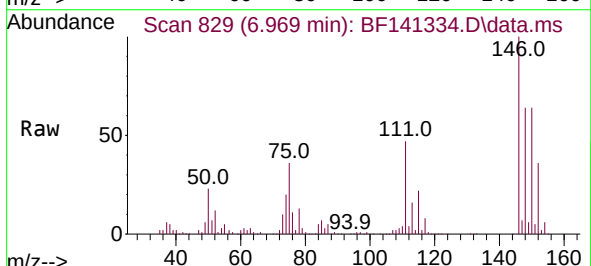
Tgt Ion:146 Resp: 432488

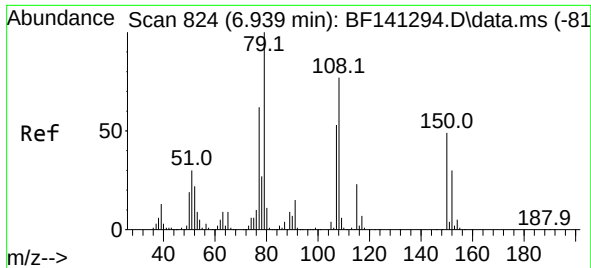
Ion Ratio Lower Upper

146 100

148 64.2 50.5 75.7

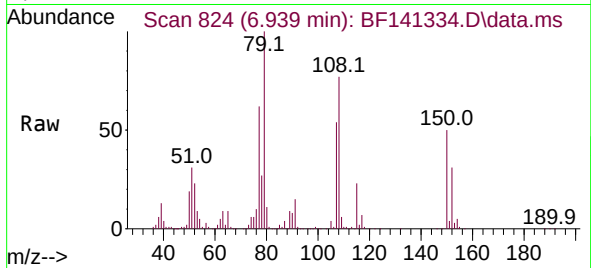
111 46.6 36.6 55.0





#15
Benzyl Alcohol
Concen: 37.479 ng
RT: 6.939 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

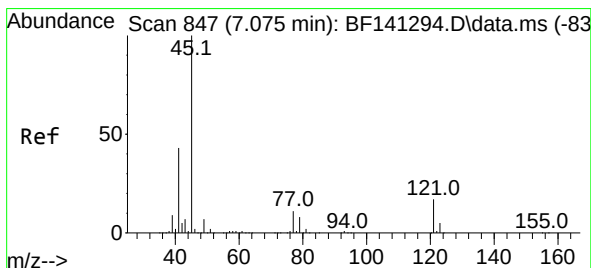
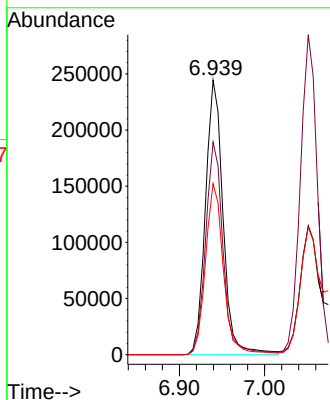
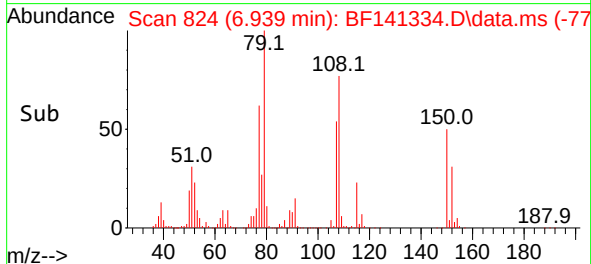
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



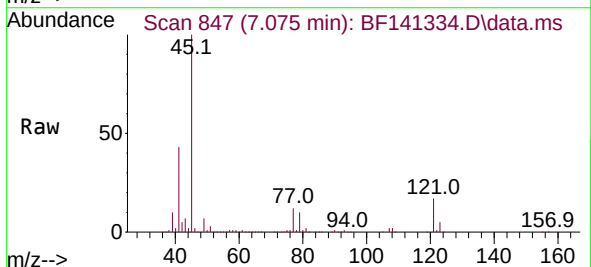
Tgt Ion: 79 Resp: 350130
Ion Ratio Lower Upper
79 100
108 77.4 61.4 92.0
77 62.3 49.9 74.9

Manual Integrations
APPROVED

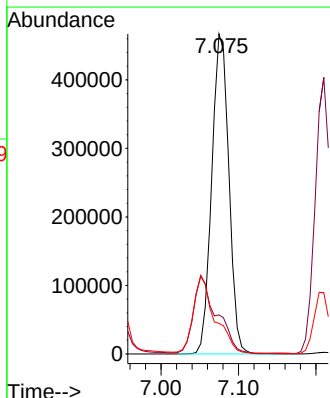
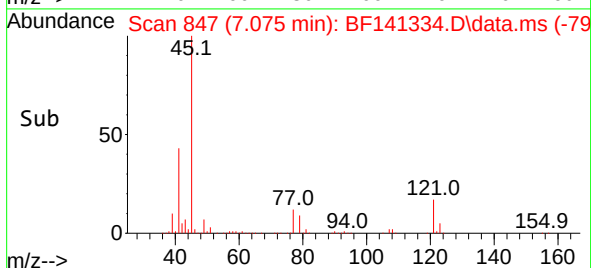
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

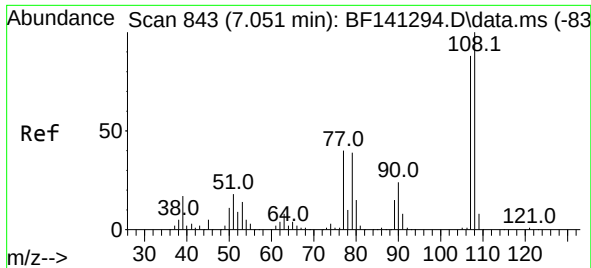


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.050 ng
RT: 7.075 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26



Tgt Ion: 45 Resp: 715839
Ion Ratio Lower Upper
45 100
77 12.2 0.0 31.8
79 9.5 0.0 29.1





#17
2-Methylphenol
Concen: 36.801 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Instrument :

BNA_F

ClientSampleId :

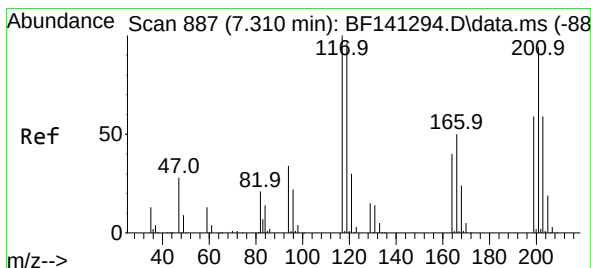
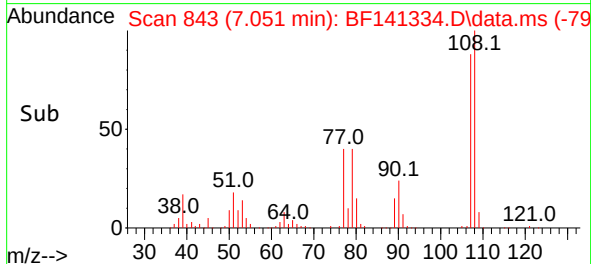
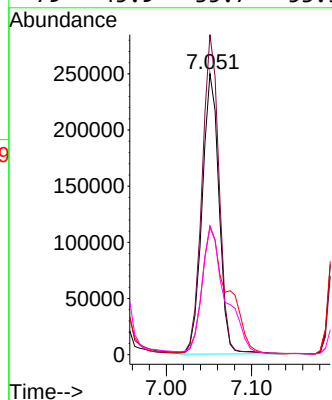
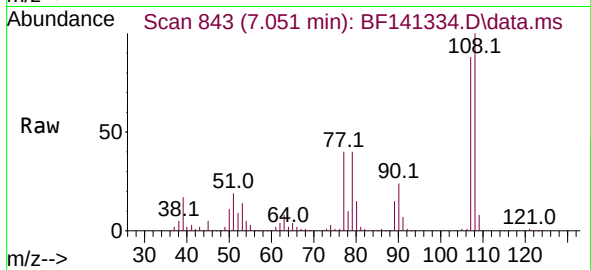
SSTDCCC040EC

Tgt Ion:107 Resp: 34448
Ion Ratio Lower Upper
107 100
108 113.9 90.8 136.2
77 45.4 36.2 54.4
79 45.9 35.7 53.5

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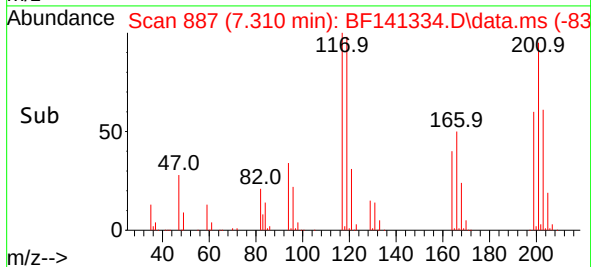
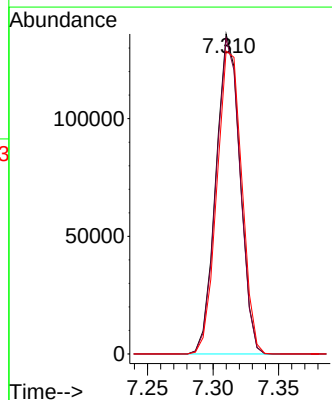
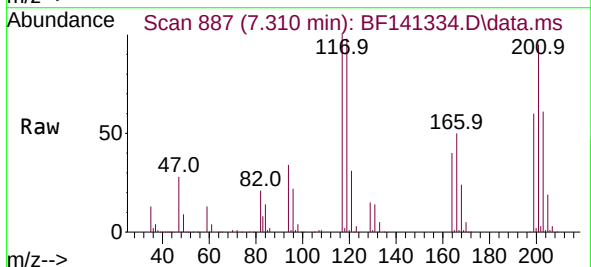
APPROVED

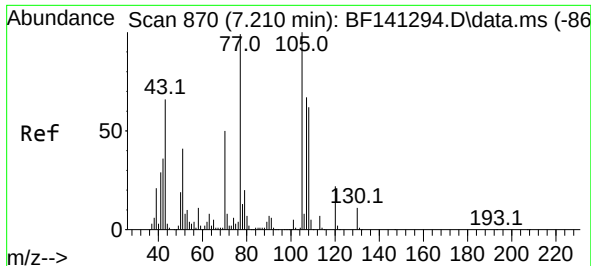
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#18
Hexachloroethane
Concen: 36.943 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:117 Resp: 173871
Ion Ratio Lower Upper
117 100
119 98.5 76.6 114.8
201 94.7 74.8 112.2





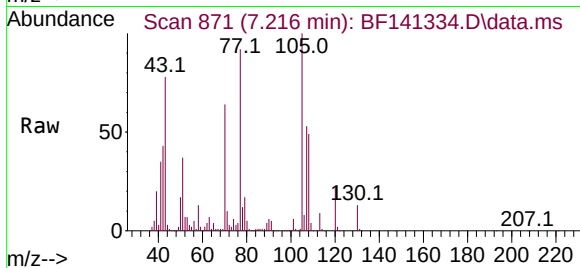
#19
n-Nitroso-di-n-propylamine
Concen: 36.368 ng
RT: 7.216 min Scan# 871
Delta R.T. -0.012 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

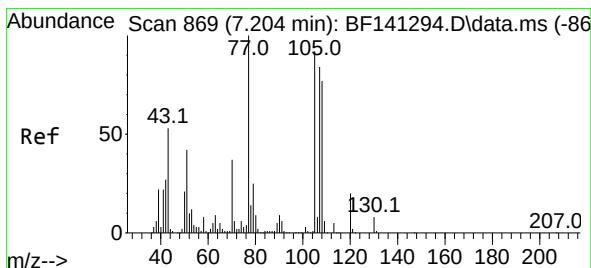
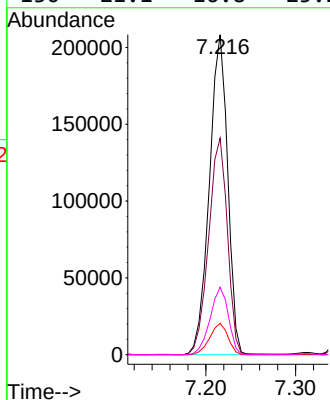
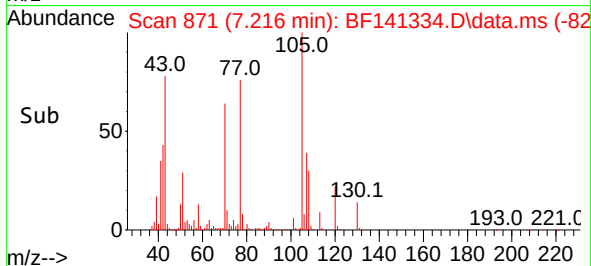


Tgt Ion: 70 Resp: 29540
Ion Ratio Lower Upper
70 100
42 67.7 56.8 85.2
101 9.8 7.7 11.5
130 21.1 16.8 25.2

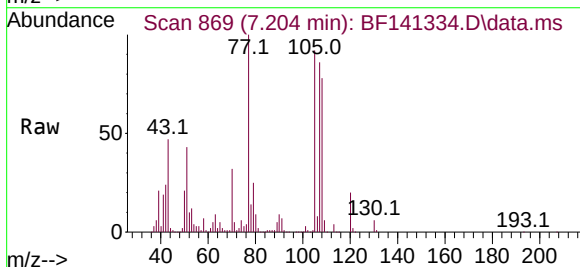
Manual Integrations

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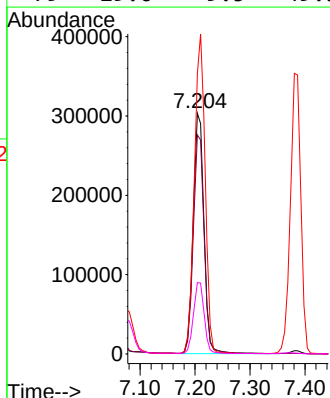
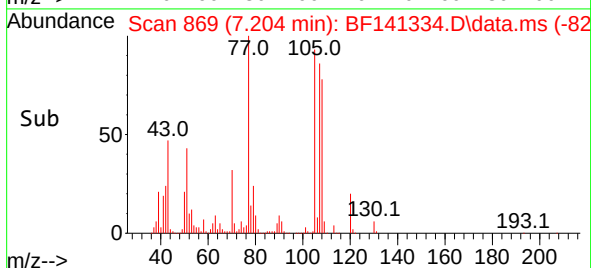
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

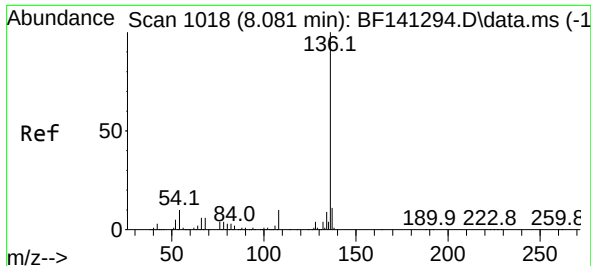


#20
3+4-Methylphenols
Concen: 35.761 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26



Tgt Ion:107 Resp: 411022
Ion Ratio Lower Upper
107 100
108 91.0 70.9 110.9
77 116.6 98.5 138.5
79 29.6 9.5 49.5





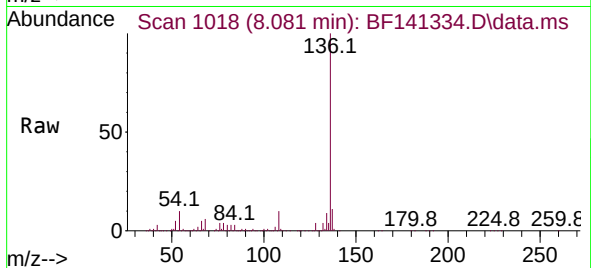
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

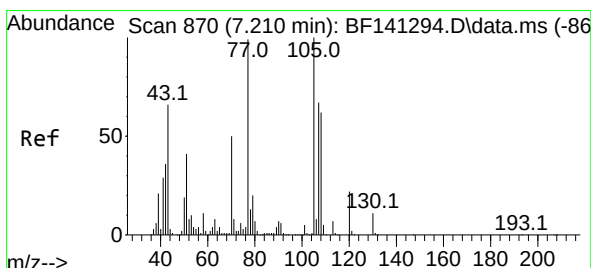
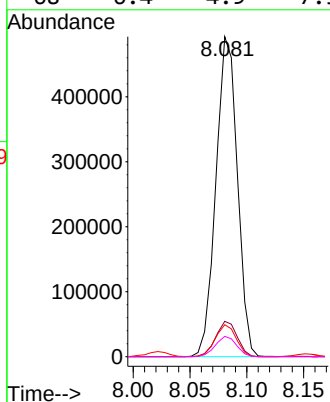
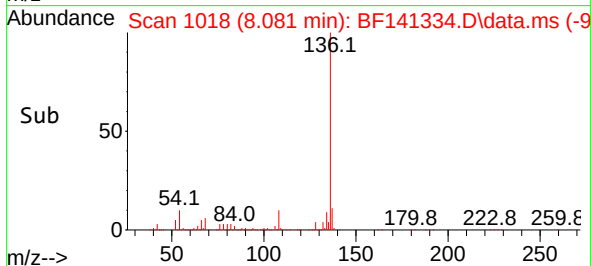


Tgt Ion:136 Resp: 647909
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 10.0 7.8 11.8
68 6.4 4.9 7.3

Manual Integrations

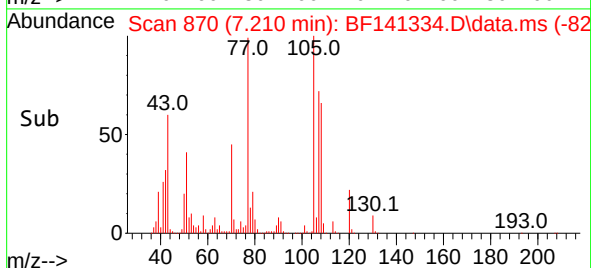
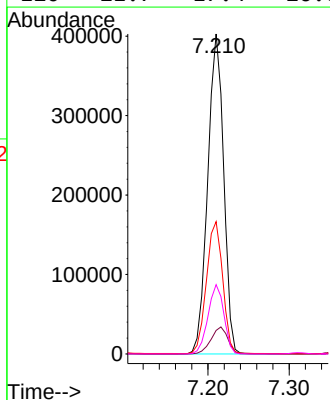
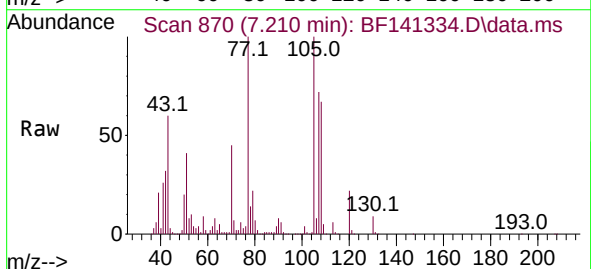
APPROVED

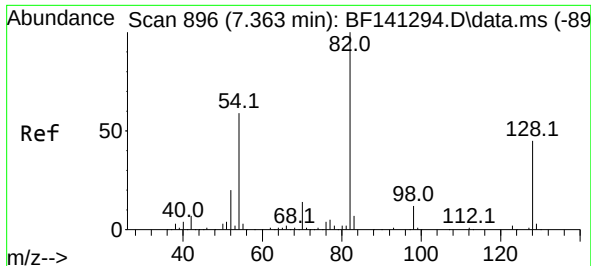
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#22
Acetophenone
Concen: 35.637 ng
RT: 7.210 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:105 Resp: 548834
Ion Ratio Lower Upper
105 100
71 7.4 6.8 10.2
51 41.3 32.6 49.0
120 21.7 17.4 26.0





#23

Nitrobenzene-d5

Concen: 72.918 ng

RT: 7.363 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF141334.D

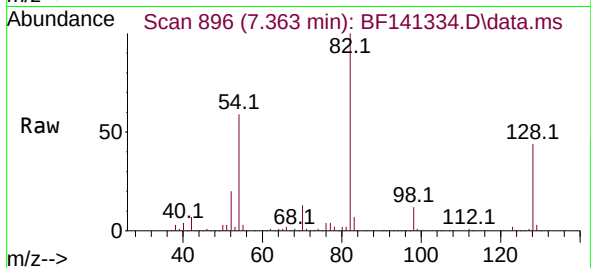
Acq: 31 Jan 2025 16:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



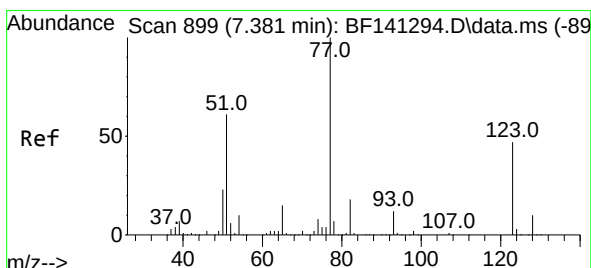
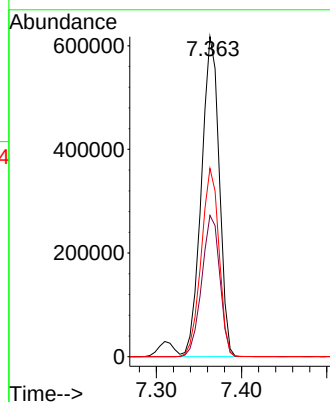
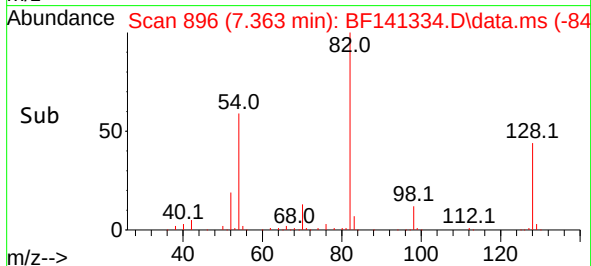
Tgt Ion: 82 Resp: 896200

Ion	Ratio	Lower	Upper
82	100		
128	44.2	35.7	53.5
54	58.8	47.1	70.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#24

Nitrobenzene

Concen: 36.727 ng

RT: 7.381 min Scan# 899

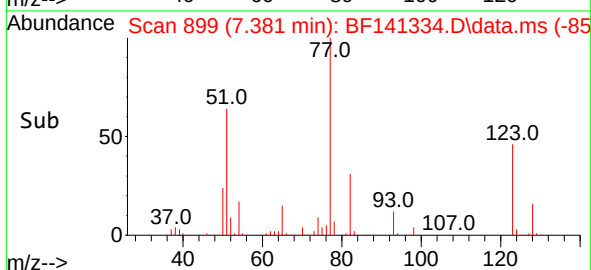
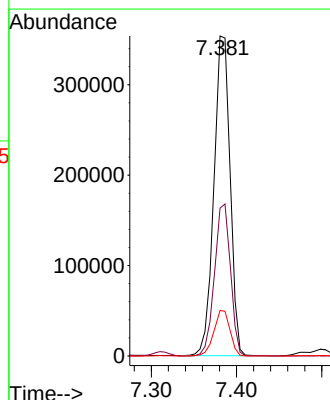
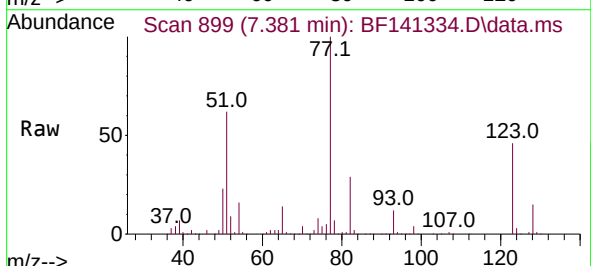
Delta R.T. -0.012 min

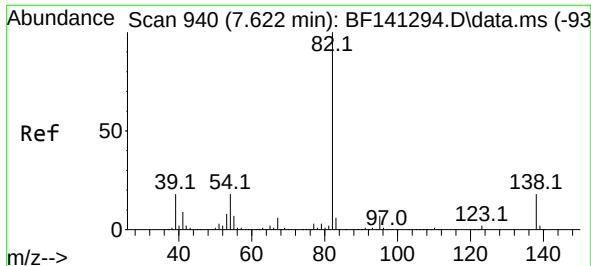
Lab File: BF141334.D

Acq: 31 Jan 2025 16:26

Tgt Ion: 77 Resp: 467777

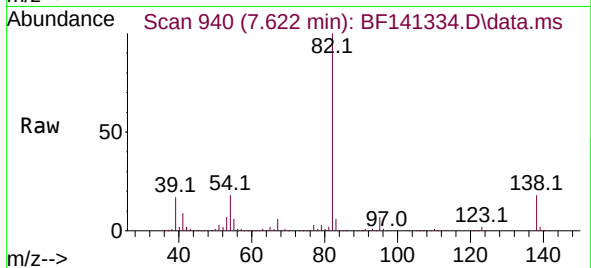
Ion	Ratio	Lower	Upper
77	100		
123	46.2	37.3	55.9
65	14.2	11.8	17.6





#25
Isophorone
Concen: 36.952 ng
RT: 7.622 min Scan# 940
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

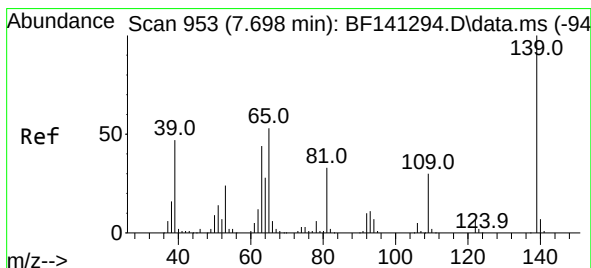
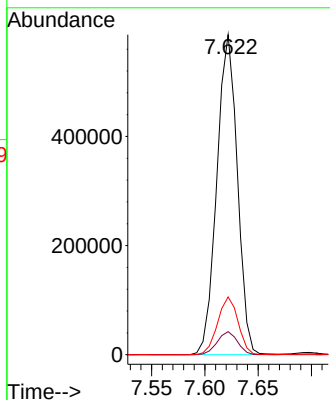
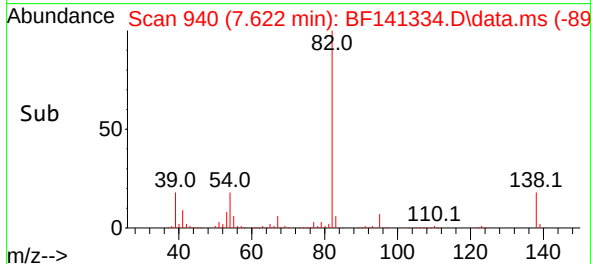
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



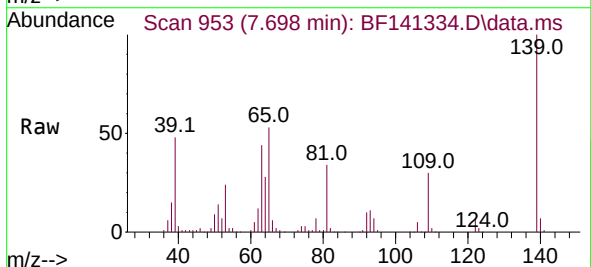
Tgt Ion: 82 Resp: 785054
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.6
138 18.1 14.7 22.1

Manual Integrations
APPROVED

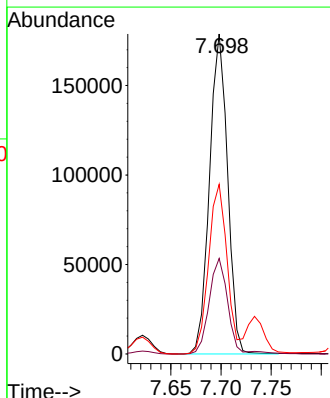
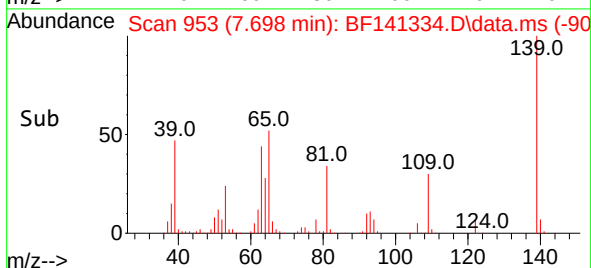
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

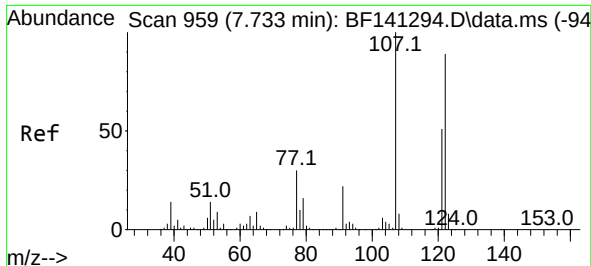


#26
2-Nitrophenol
Concen: 37.318 ng
RT: 7.698 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26



Tgt Ion:139 Resp: 224162
Ion Ratio Lower Upper
139 100
109 29.9 23.8 35.6
65 53.0 42.2 63.4





#27

2,4-Dimethylphenol

Concen: 37.535 ng m

RT: 7.733 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF141334.D

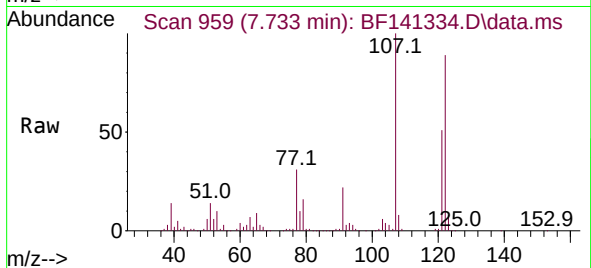
Acq: 31 Jan 2025 16:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



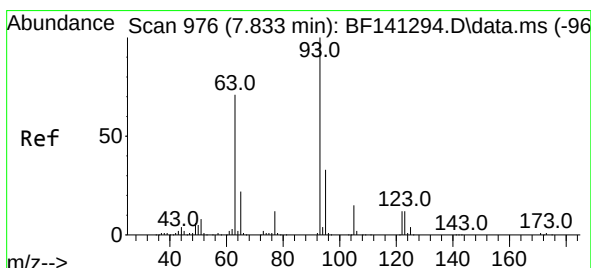
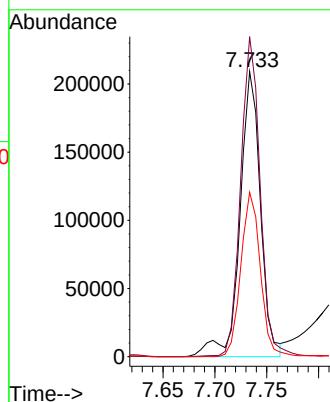
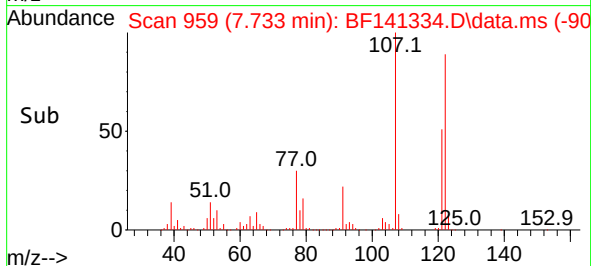
Tgt Ion:122 Resp: 28698

Ion	Ratio	Lower	Upper
122	100		
107	112.2	89.9	134.9
121	57.7	46.1	69.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#28

bis(2-Chloroethoxy)methane

Concen: 36.489 ng

RT: 7.833 min Scan# 976

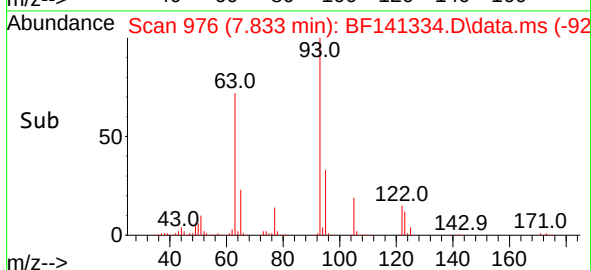
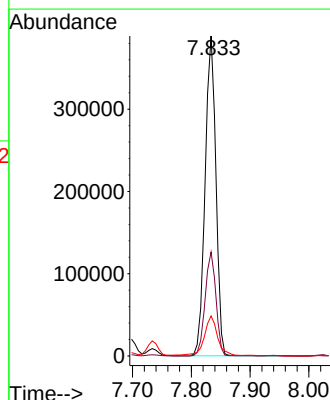
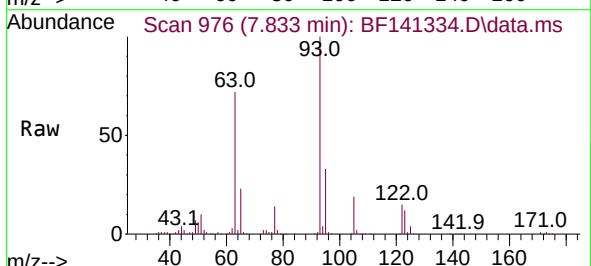
Delta R.T. -0.006 min

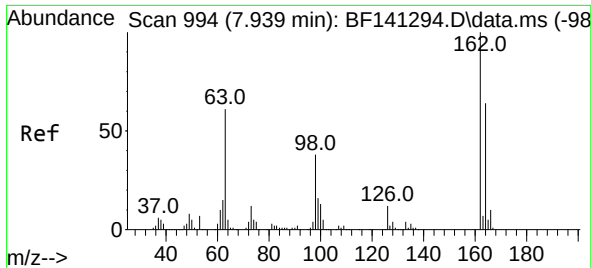
Lab File: BF141334.D

Acq: 31 Jan 2025 16:26

Tgt Ion: 93 Resp: 494480

Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.2	39.2
123	12.5	10.2	15.4





#29

2,4-Dichlorophenol

Concen: 37.008 ng

RT: 7.939 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF141334.D

Acq: 31 Jan 2025 16:26

Instrument :

BNA_F

ClientSampleId :

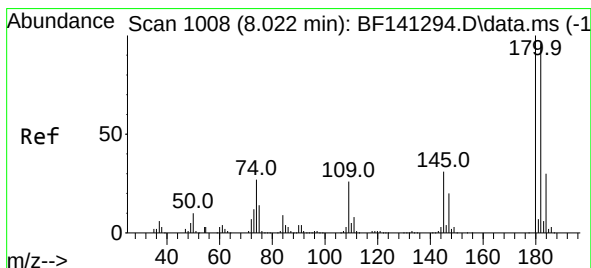
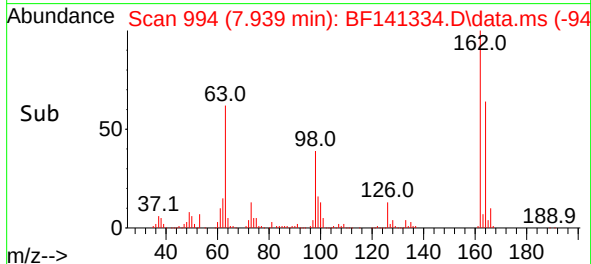
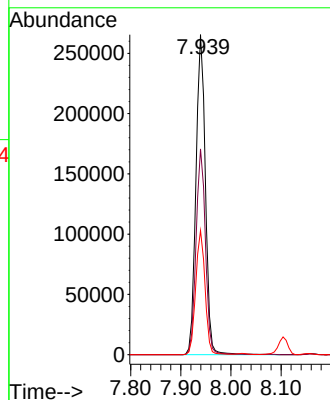
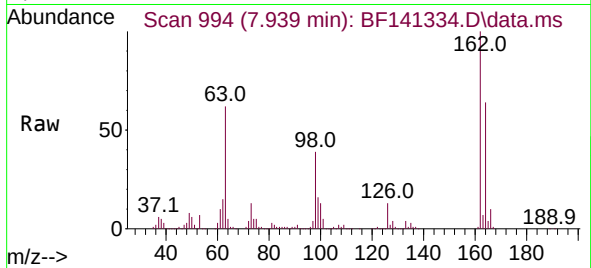
SSTDCCC040EC

Tgt Ion:162 Resp: 346397
 Ion Ratio Lower Upper
 162 100
 164 64.3 44.2 84.2
 98 38.8 18.2 58.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025



#30

1,2,4-Trichlorobenzene

Concen: 36.030 ng

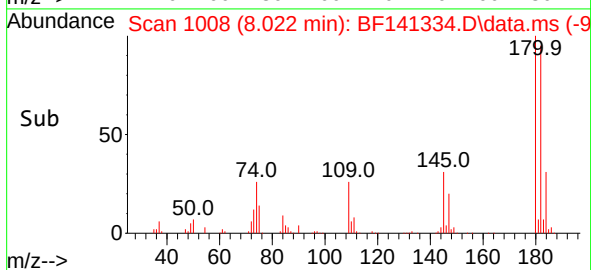
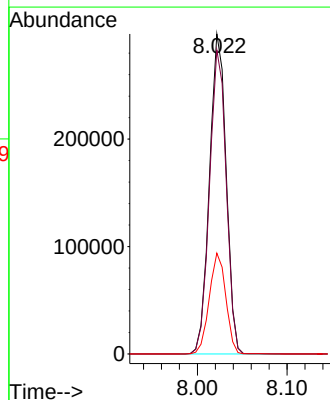
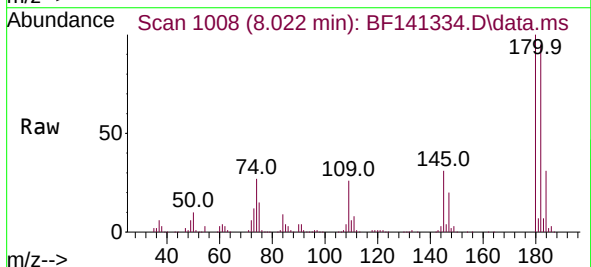
RT: 8.022 min Scan# 1008

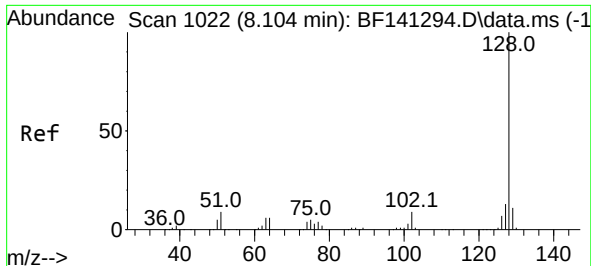
Delta R.T. -0.006 min

Lab File: BF141334.D

Acq: 31 Jan 2025 16:26

Tgt Ion:180 Resp: 385139
 Ion Ratio Lower Upper
 180 100
 182 95.0 76.4 114.6
 145 31.5 24.9 37.3





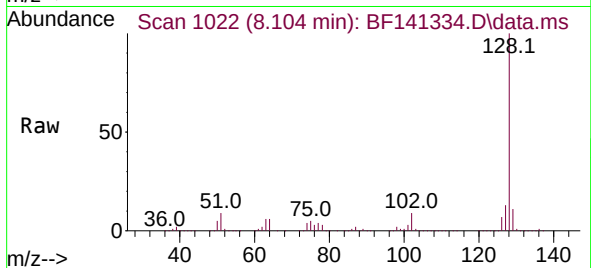
#31
Naphthalene
Concen: 35.989 ng
RT: 8.104 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

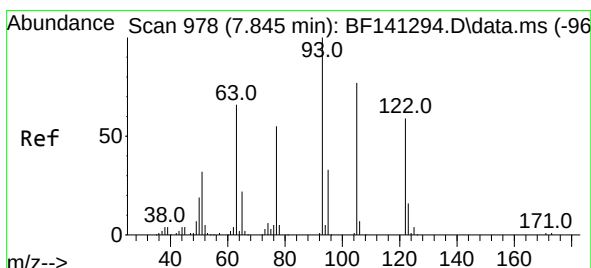
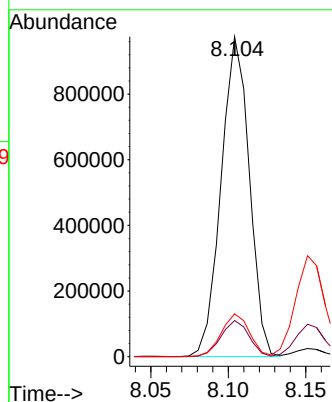
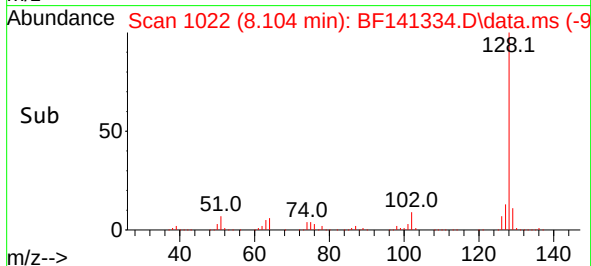


Tgt Ion:128 Resp: 1231790
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.4 10.6 15.8

Manual Integrations

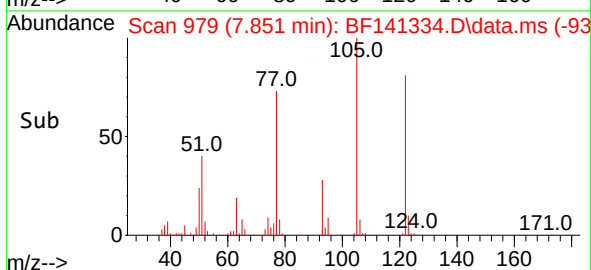
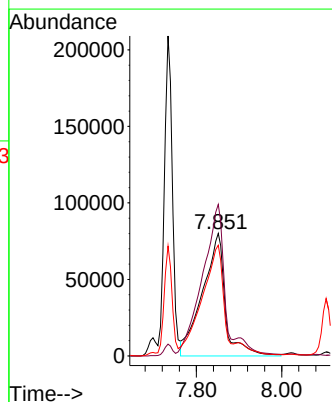
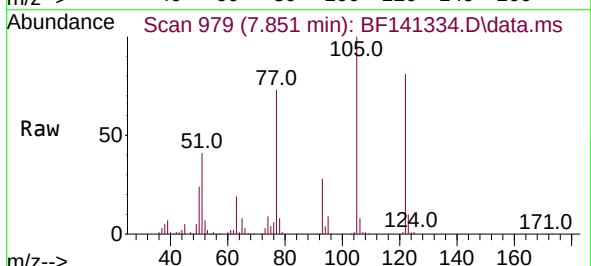
APPROVED

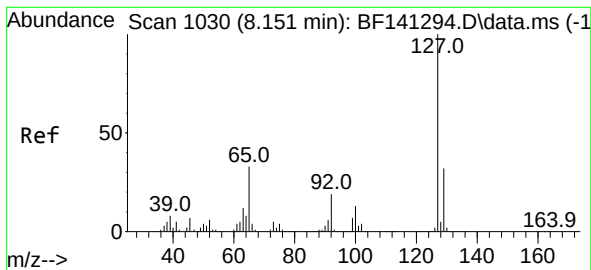
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#32
Benzoic acid
Concen: 42.441 ng m
RT: 7.851 min Scan# 979
Delta R.T. -0.030 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:122 Resp: 298299
Ion Ratio Lower Upper
122 100
105 123.7 103.4 143.4
77 90.4 70.9 110.9





#33
4-Chloroaniline
Concen: 35.481 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Instrument :

BNA_F

ClientSampleId :

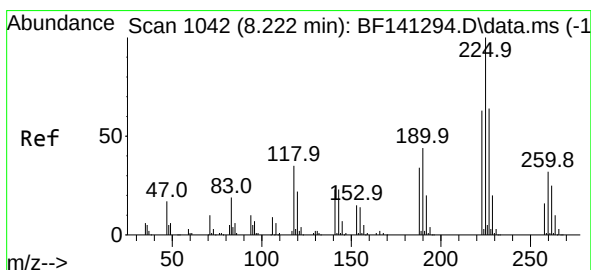
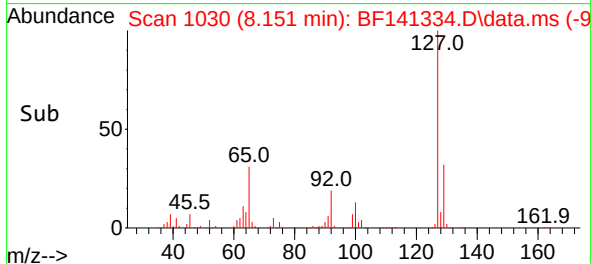
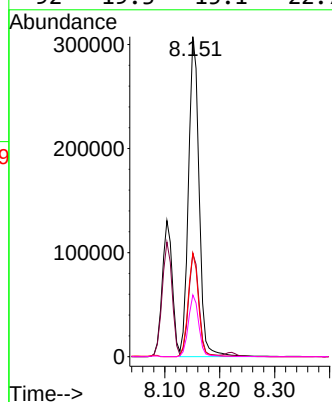
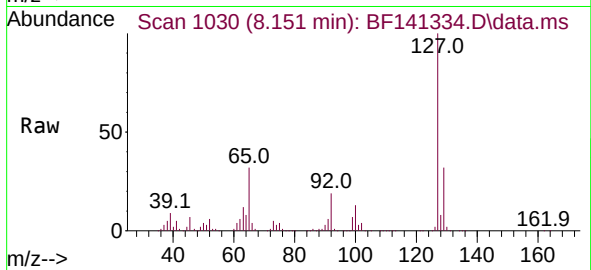
SSTDCCC040EC

Tgt Ion:127 Resp: 41181
Ion Ratio Lower Upper
127 100
129 32.3 25.7 38.5
65 32.4 26.4 39.6
92 19.3 15.1 22.7

Manual Integrations

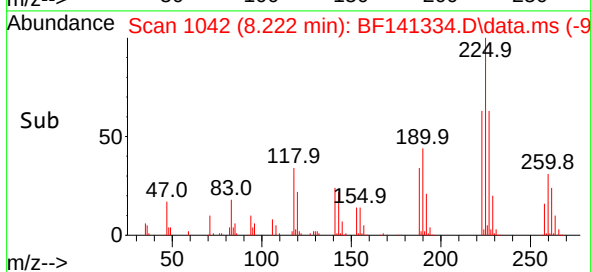
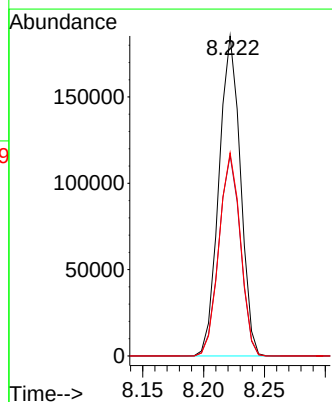
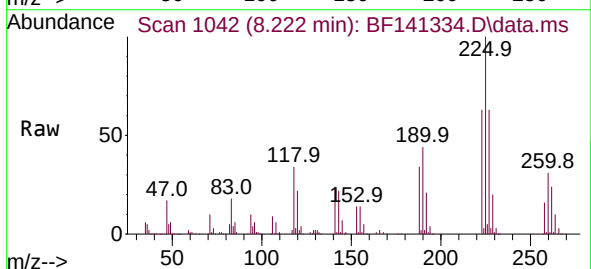
APPROVED

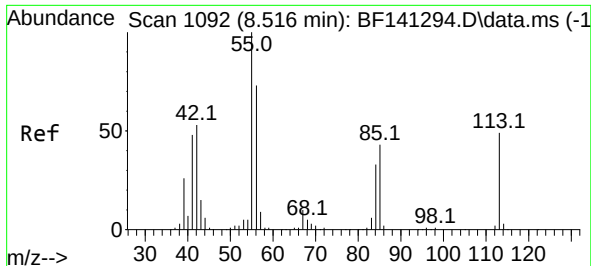
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#34
Hexachlorobutadiene
Concen: 36.308 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:225 Resp: 227599
Ion Ratio Lower Upper
225 100
223 62.7 50.4 75.6
227 63.5 51.3 76.9





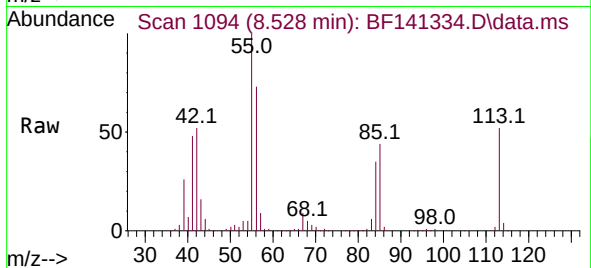
#35
 Caprolactam
 Concen: 38.166 ng
 RT: 8.528 min Scan# 1094
 Delta R.T. -0.018 min
 Lab File: BF141334.D
 Acq: 31 Jan 2025 16:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

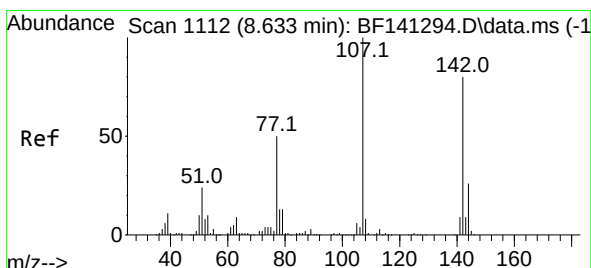
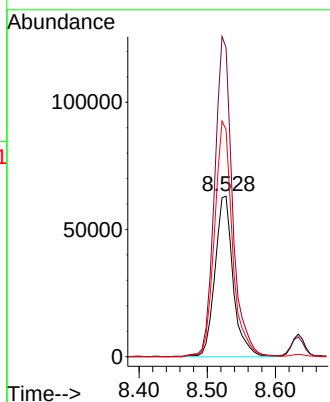
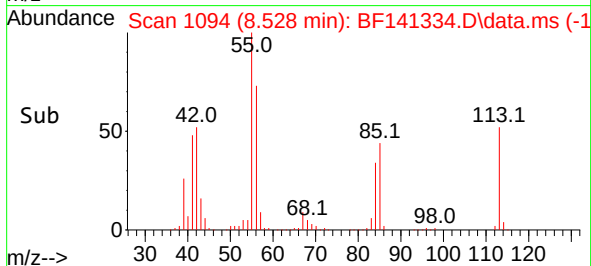


Tgt Ion:113 Resp: 11666
 Ion Ratio Lower Upper
 113 100
 55 192.5 182.9 222.9
 56 141.4 127.9 167.9

Manual Integrations

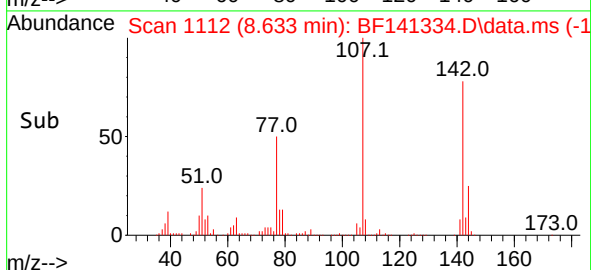
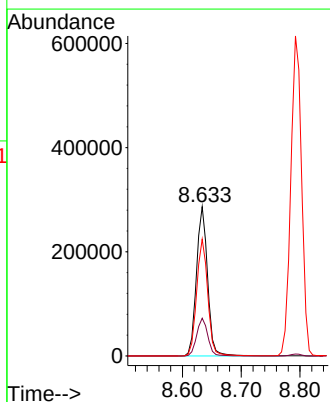
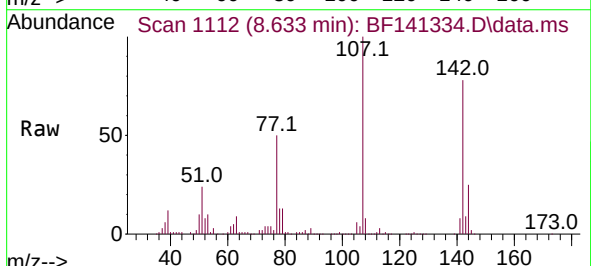
APPROVED

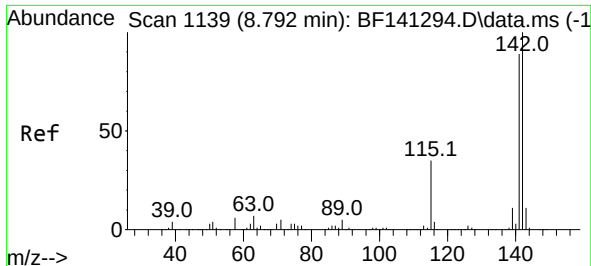
Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025



#36
 4-Chloro-3-methylphenol
 Concen: 37.503 ng
 RT: 8.633 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF141334.D
 Acq: 31 Jan 2025 16:26

Tgt Ion:107 Resp: 376529
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.7 31.1
 142 78.3 63.8 95.8





#37

2-Methylnaphthalene

Concen: 35.969 ng

RT: 8.792 min Scan# 1139

Delta R.T. -0.006 min

Lab File: BF141334.D

Acq: 31 Jan 2025 16:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:142 Resp: 78248

Ion Ratio Lower Upper

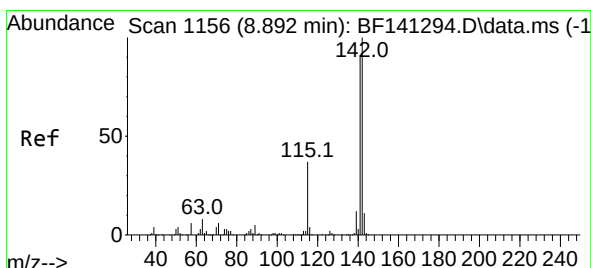
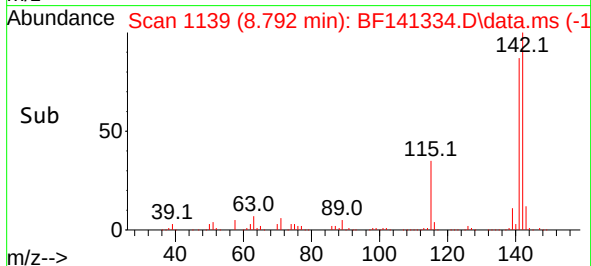
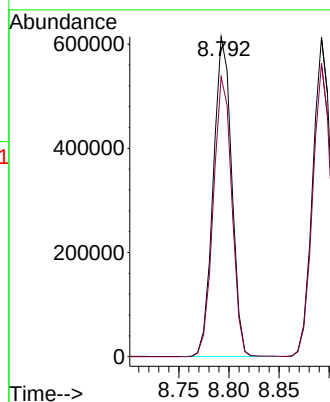
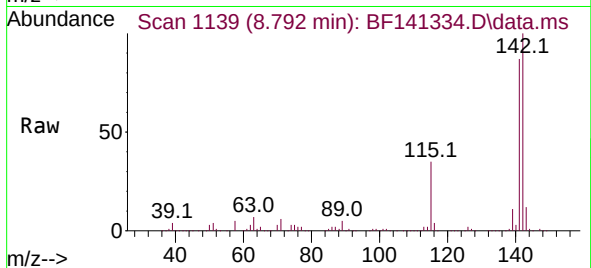
142 100

141 87.4 71.3 106.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#38

1-Methylnaphthalene

Concen: 35.916 ng

RT: 8.892 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BF141334.D

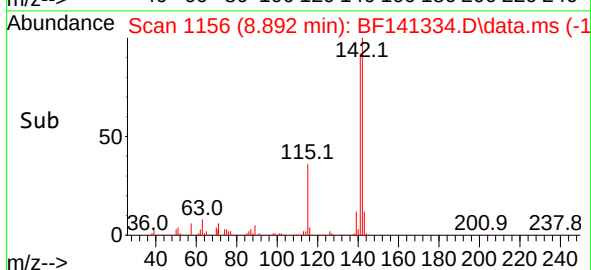
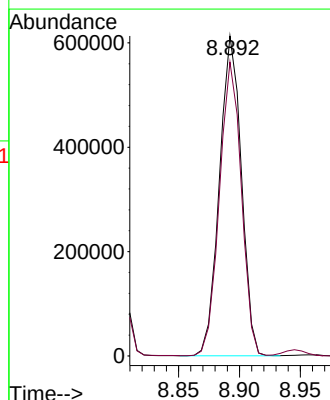
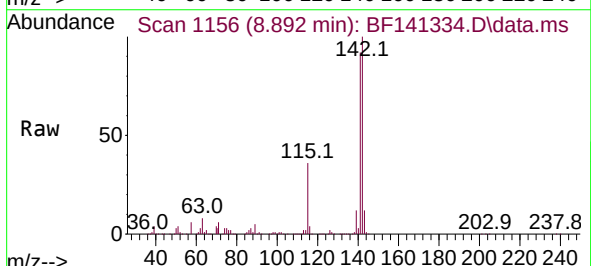
Acq: 31 Jan 2025 16:26

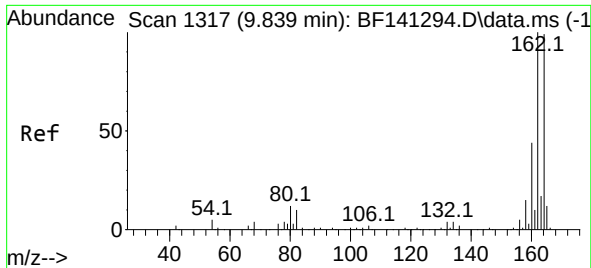
Tgt Ion:142 Resp: 767501

Ion Ratio Lower Upper

142 100

141 91.8 73.2 109.8





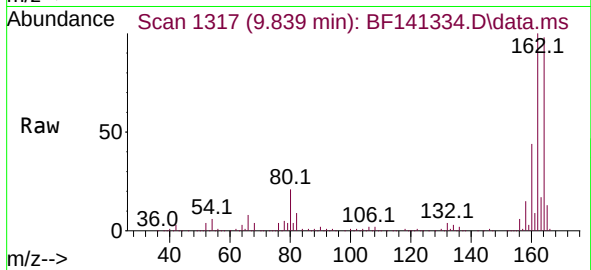
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

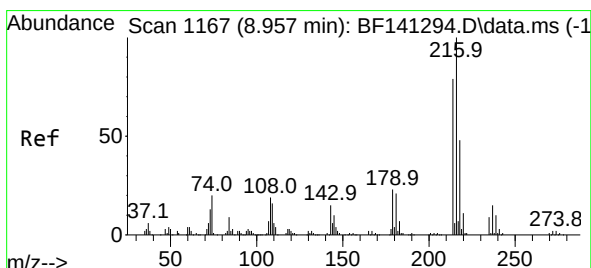
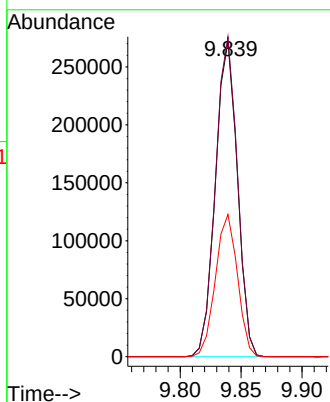
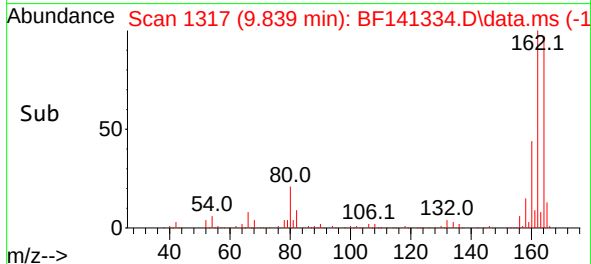


Tgt Ion:164 Resp: 34154
Ion Ratio Lower Upper
164 100
162 101.6 80.6 121.0
160 45.1 35.8 53.6

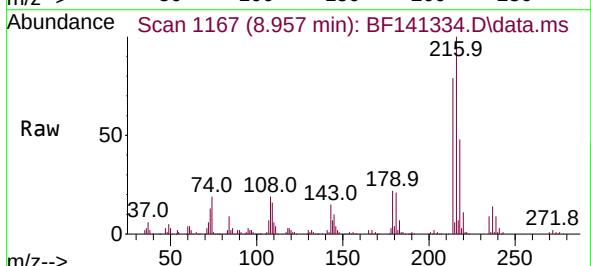
Manual Integrations

APPROVED

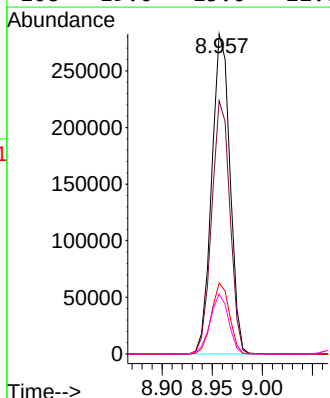
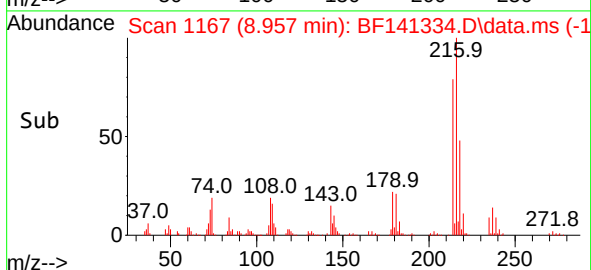
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

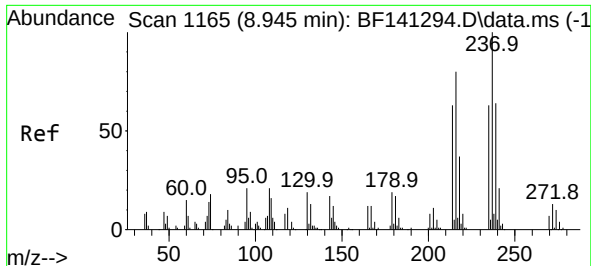


#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.817 ng
RT: 8.957 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26



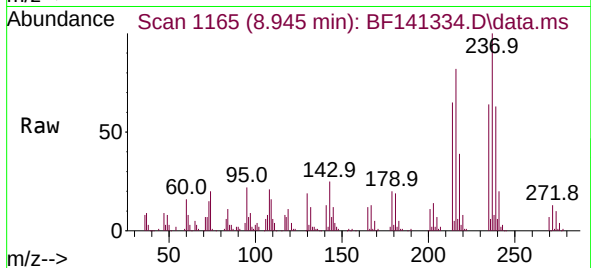
Tgt Ion:216 Resp: 357735
Ion Ratio Lower Upper
216 100
214 79.0 63.2 94.8
179 21.9 17.8 26.8
108 19.0 15.0 22.6





#41
Hexachlorocyclopentadiene
Concen: 39.297 ng
RT: 8.945 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

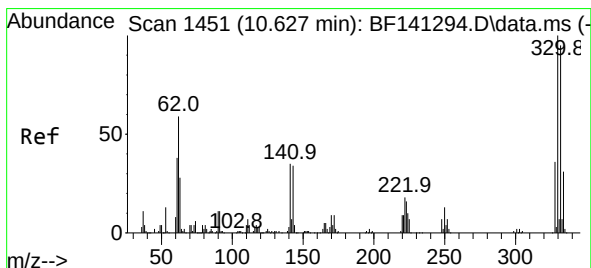
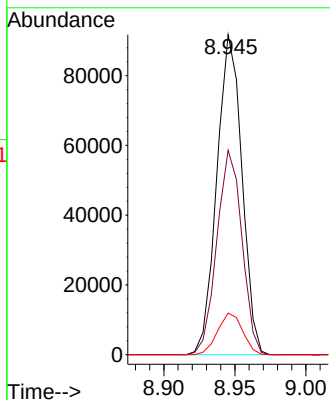
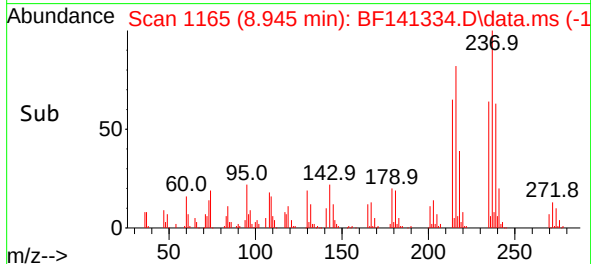
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



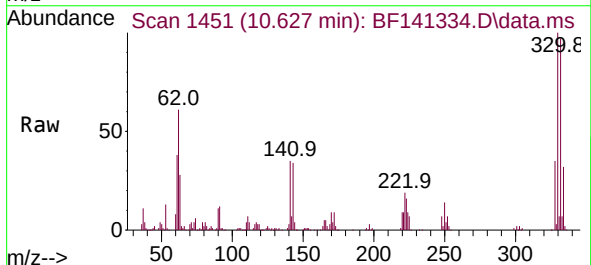
Tgt Ion:237 Resp: 112768
Ion Ratio Lower Upper
237 100
235 63.8 42.9 82.9
272 13.0 0.0 32.8

Manual Integrations
APPROVED

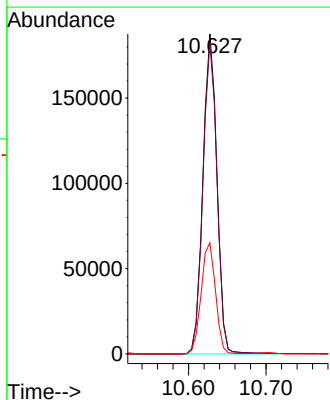
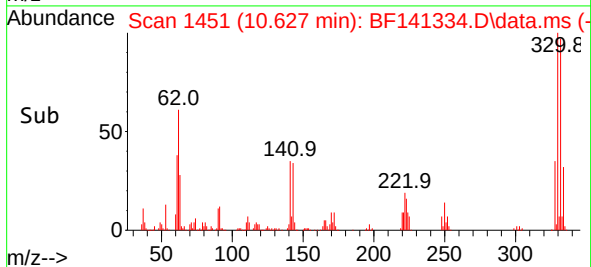
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

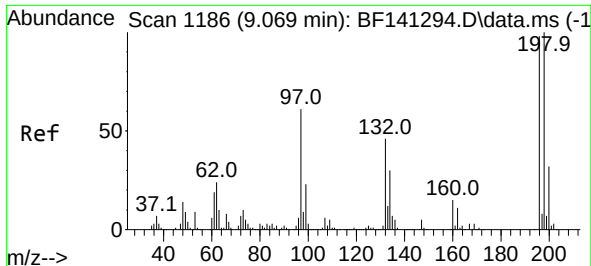


#42
2,4,6-Tribromophenol
Concen: 75.335 ng
RT: 10.627 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26



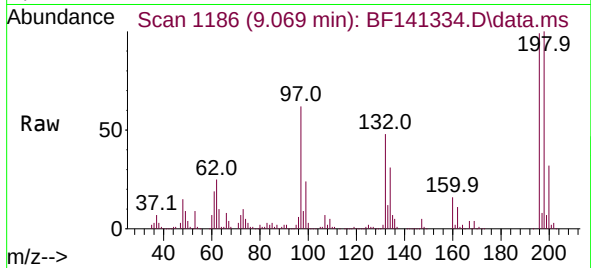
Tgt Ion:330 Resp: 235886
Ion Ratio Lower Upper
330 100
332 97.6 76.1 114.1
141 35.7 28.8 43.2





#43
2,4,6-Trichlorophenol
Concen: 38.014 ng
RT: 9.069 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

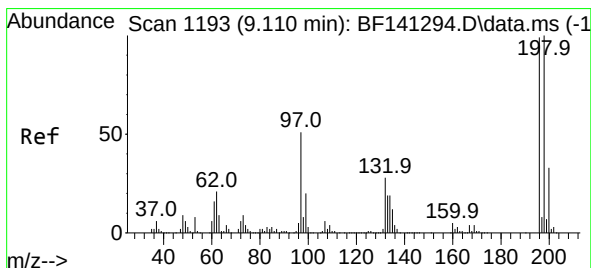
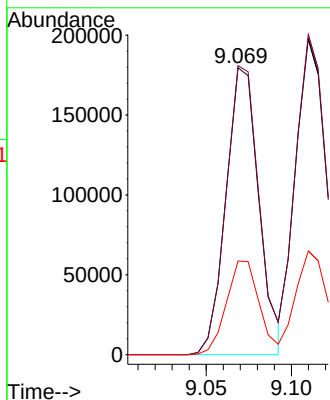
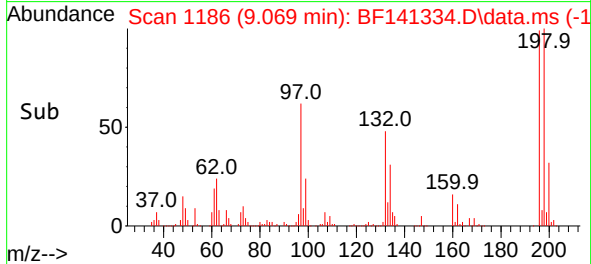
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



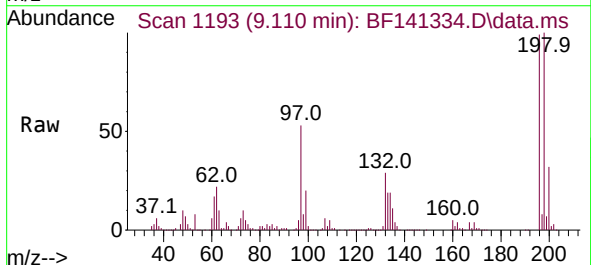
Tgt Ion:196 Resp: 241760
Ion Ratio Lower Upper
196 100
198 100.7 81.8 122.6
200 32.6 26.3 39.5

Manual Integrations
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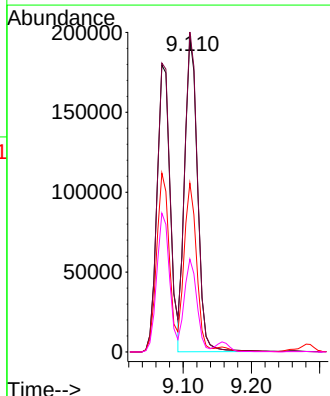
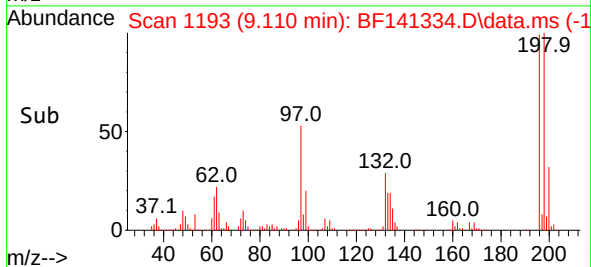
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

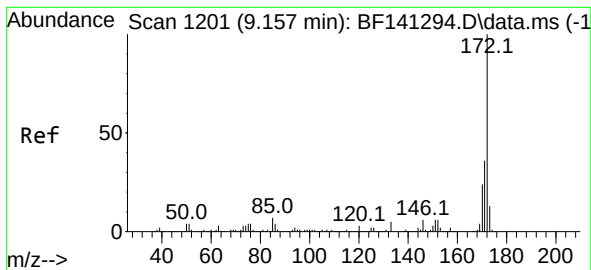


#44
2,4,5-Trichlorophenol
Concen: 37.124 ng
RT: 9.110 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26



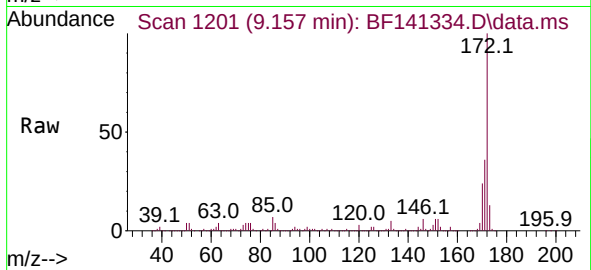
Tgt Ion:196 Resp: 256970
Ion Ratio Lower Upper
196 100
198 101.4 80.5 120.7
97 53.5 42.8 64.2
132 29.4 23.5 35.3





#45
2-Fluorobiphenyl
Concen: 70.424 ng
RT: 9.157 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

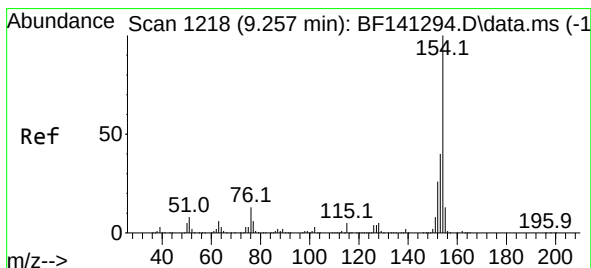
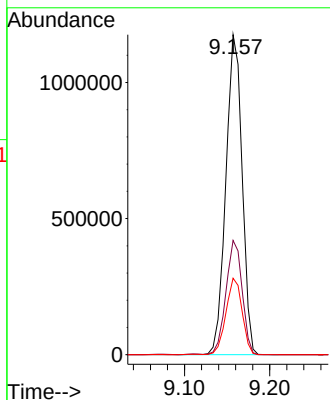
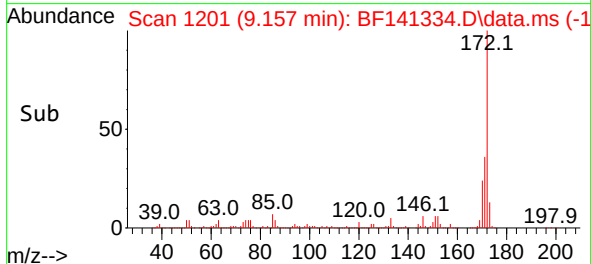
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



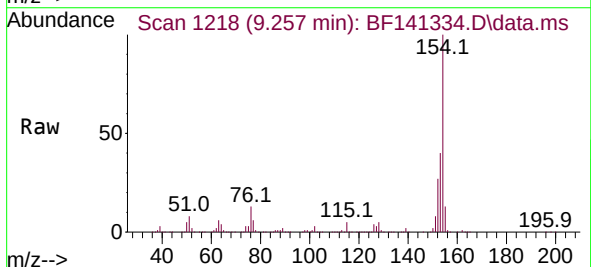
Tgt Ion:172 Resp: 1562690
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 23.9 19.0 28.6

Manual Integrations
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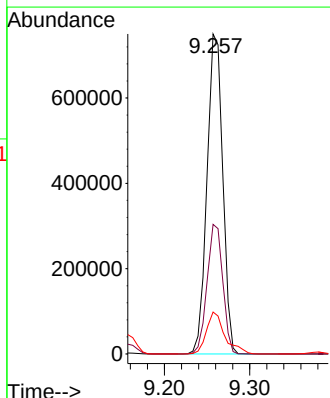
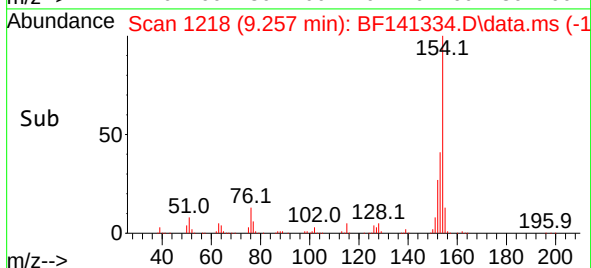
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

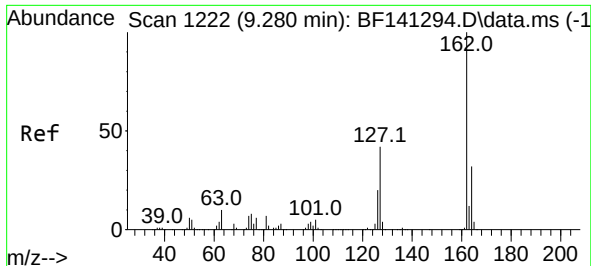


#46
1,1'-Biphenyl
Concen: 36.082 ng
RT: 9.257 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26



Tgt Ion:154 Resp: 961081
Ion Ratio Lower Upper
154 100
153 40.5 20.0 60.0
76 13.1 0.0 32.8





#47

2-Chloronaphthalene

Concen: 36.046 ng

RT: 9.286 min Scan# 1222

Delta R.T. -0.000 min

Lab File: BF141334.D

Acq: 31 Jan 2025 16:26

Instrument :

BNA_F

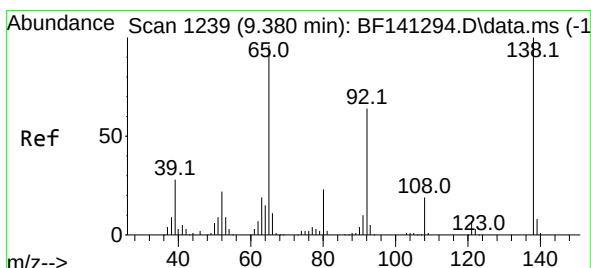
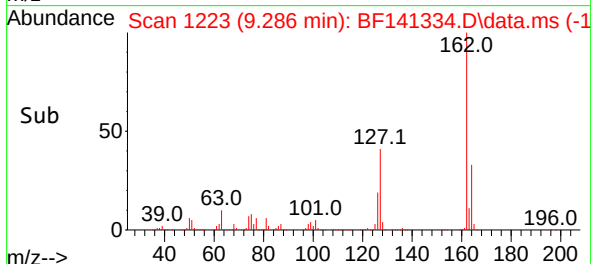
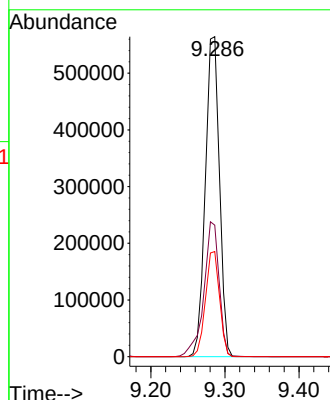
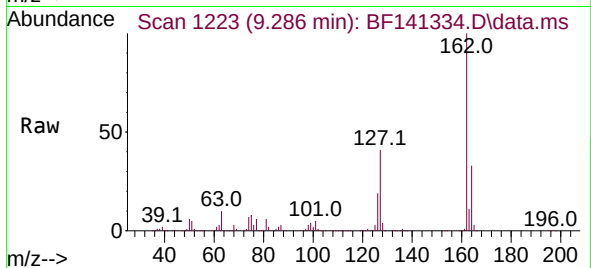
ClientSampleId :

SSTDCCC040EC

Tgt Ion:162 Resp: 74836
 Ion Ratio Lower Upper
 162 100
 127 41.1 33.7 50.5
 164 32.8 25.9 38.9

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025



#48

2-Nitroaniline

Concen: 37.746 ng

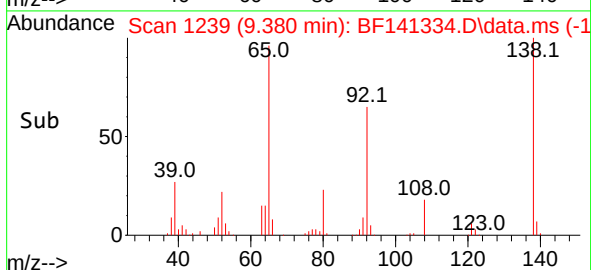
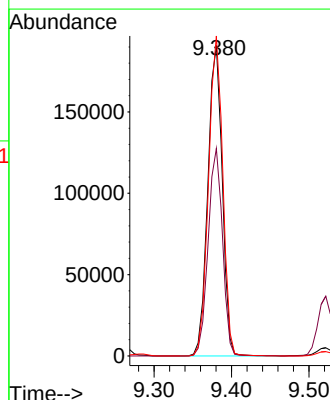
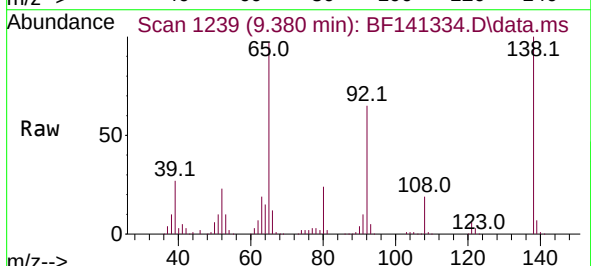
RT: 9.380 min Scan# 1239

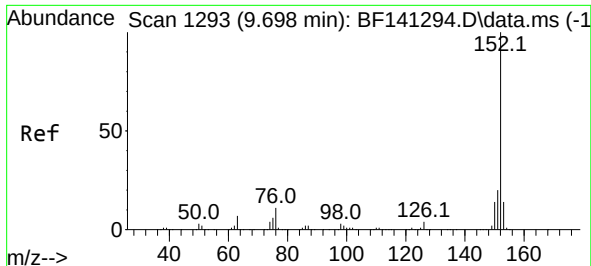
Delta R.T. -0.000 min

Lab File: BF141334.D

Acq: 31 Jan 2025 16:26

Tgt Ion: 65 Resp: 246493
 Ion Ratio Lower Upper
 65 100
 92 66.8 53.3 79.9
 138 103.1 83.6 125.4





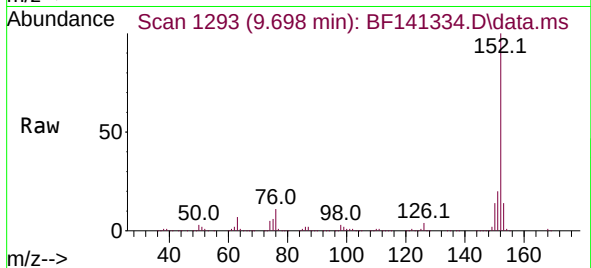
#49
Acenaphthylene
Concen: 36.509 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

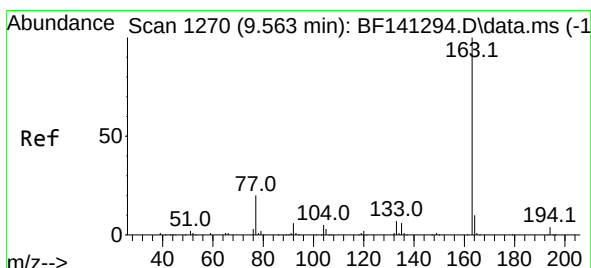
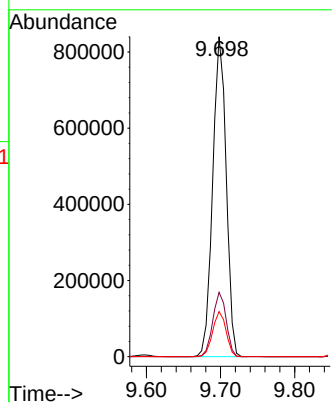
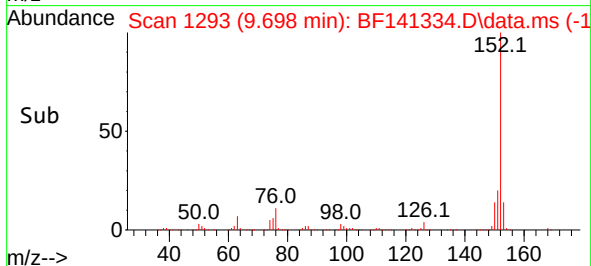


Tgt Ion:152 Resp: 106101
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 14.1 11.0 16.6

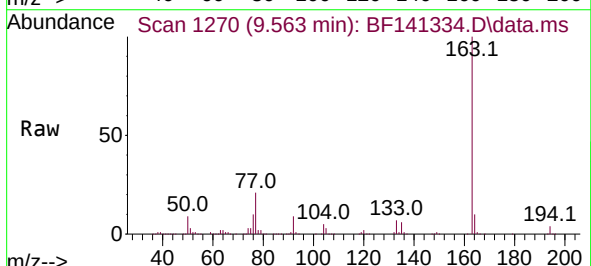
Manual Integrations

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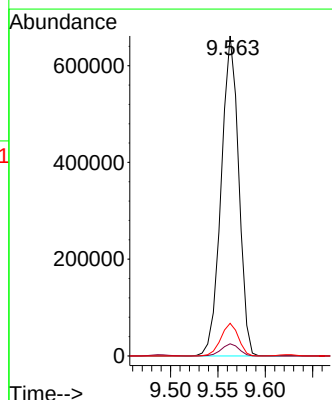
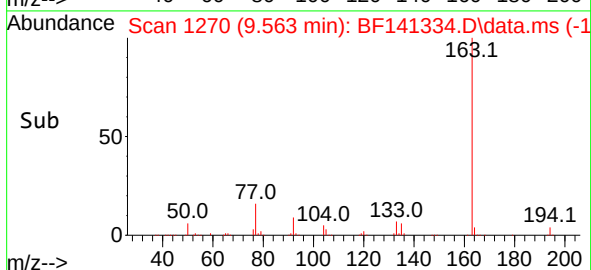
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

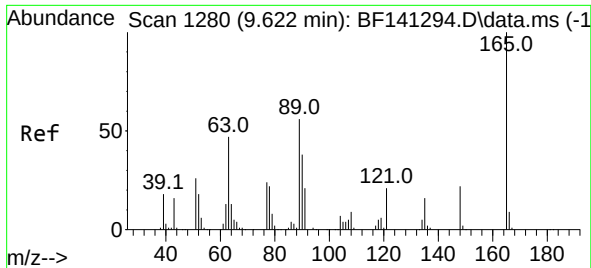


#50
Dimethylphthalate
Concen: 36.994 ng
RT: 9.563 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26



Tgt Ion:163 Resp: 853360
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.2 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 37.813 ng
RT: 9.622 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Instrument :

BNA_F

ClientSampleId :

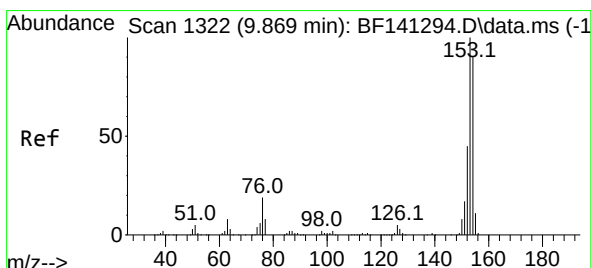
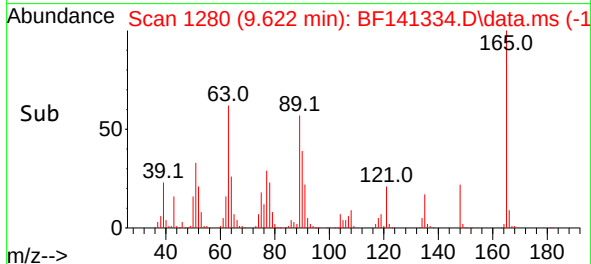
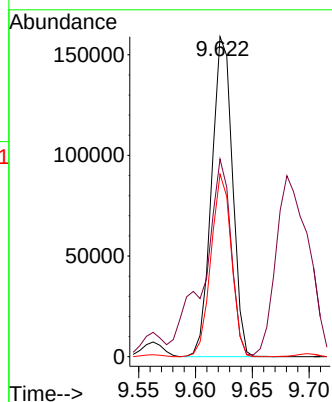
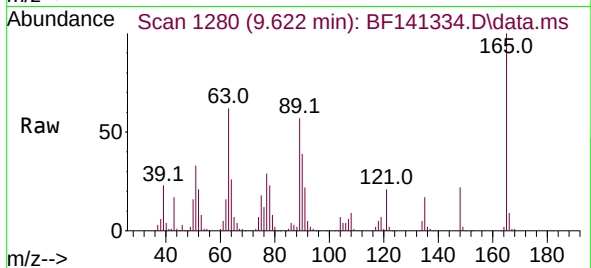
SSTDCCC040EC

Tgt Ion:165 Resp: 20252
Ion Ratio Lower Upper
165 100
63 61.8 48.1 72.1
89 57.1 44.9 67.3

Manual Integrations

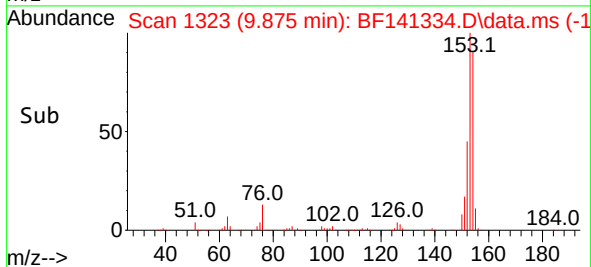
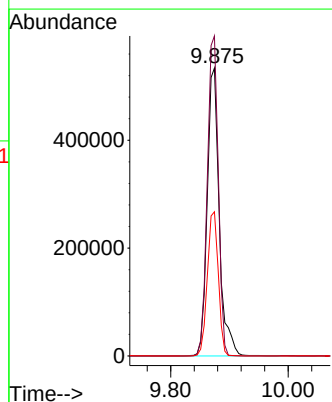
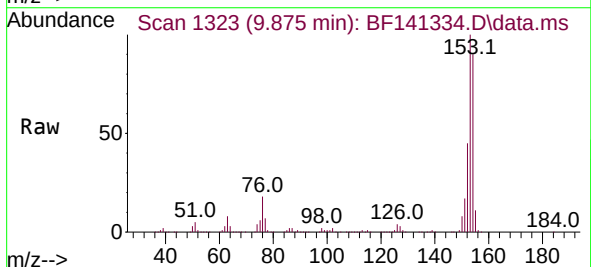
APPROVED

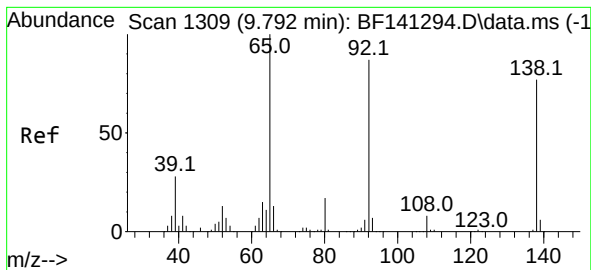
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#52
Acenaphthene
Concen: 36.678 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:154 Resp: 761516
Ion Ratio Lower Upper
154 100
153 111.2 89.0 133.4
152 50.1 40.2 60.4





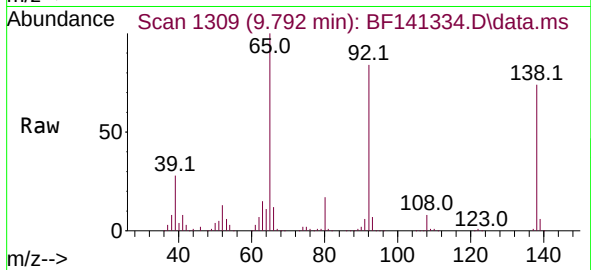
#53
3-Nitroaniline
Concen: 37.207 ng
RT: 9.792 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

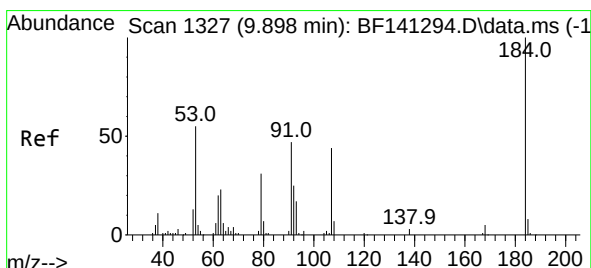
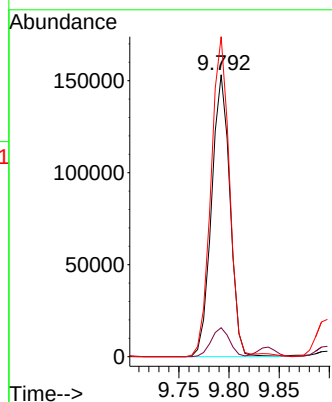
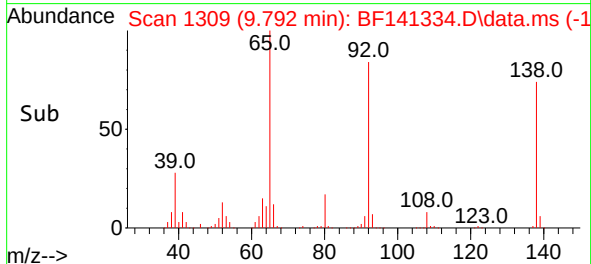


Tgt Ion:138 Resp: 195318
Ion Ratio Lower Upper
138 100
108 10.3 8.6 12.8
92 113.5 91.0 136.6

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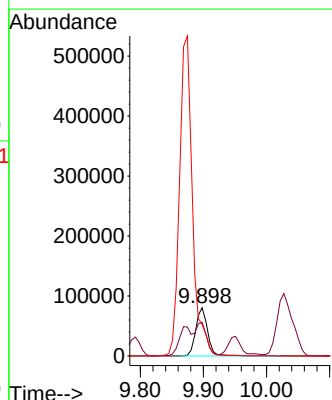
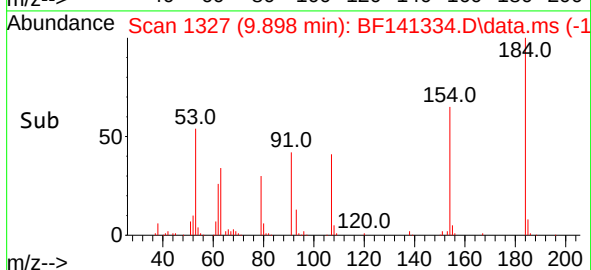
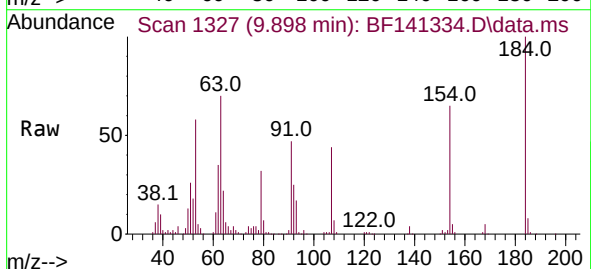
APPROVED

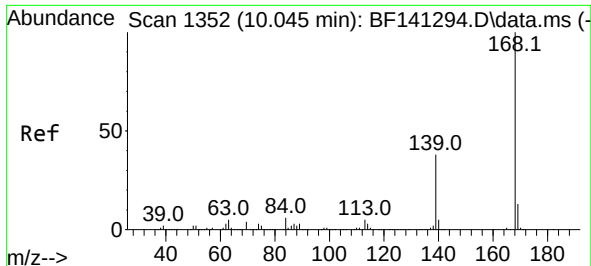
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#54
2,4-Dinitrophenol
Concen: 41.956 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

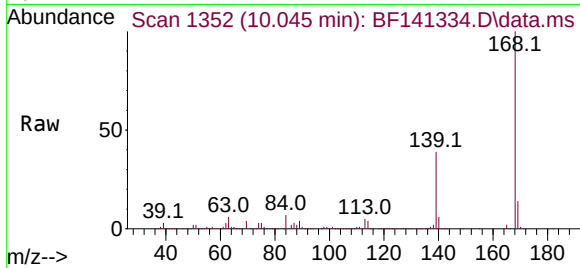
Tgt Ion:184 Resp: 104461
Ion Ratio Lower Upper
184 100
63 69.8 54.1 81.1
154 65.4 50.7 76.1





#55
Dibenzenofuran
Concen: 35.957 ng
RT: 10.045 min Scan# 1352
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

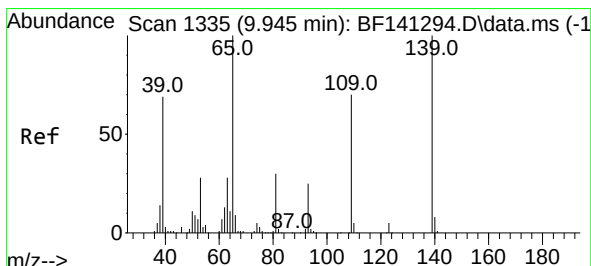
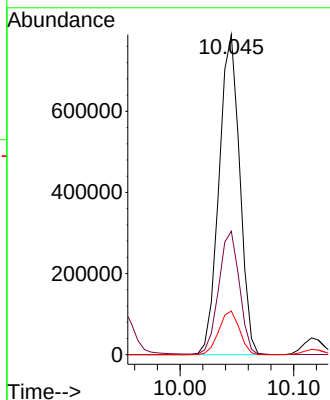
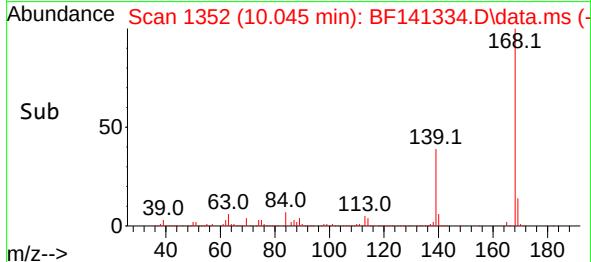
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



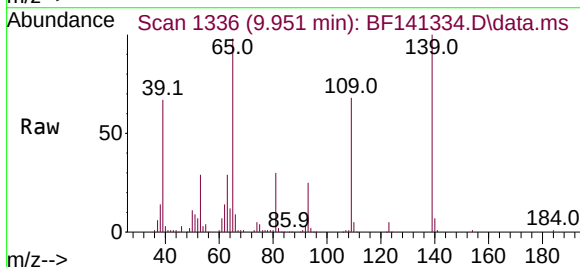
Tgt Ion:168 Resp: 999283
Ion Ratio Lower Upper
168 100
139 38.6 30.6 46.0
169 13.7 10.8 16.2

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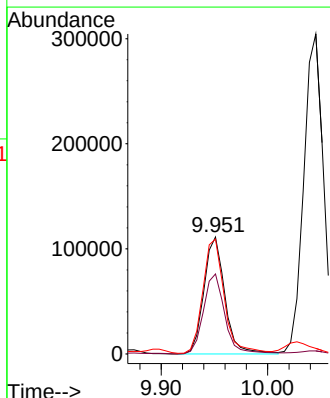
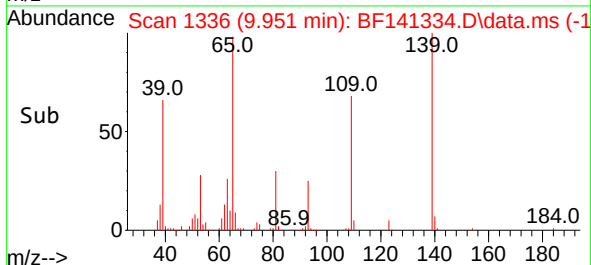
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

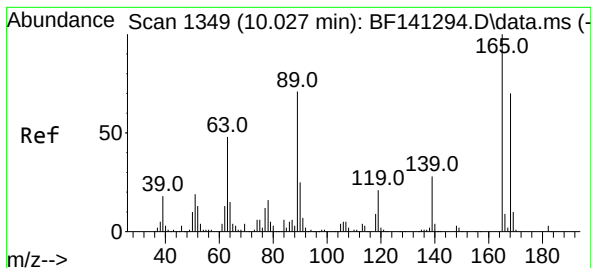


#56
4-Nitrophenol
Concen: 39.808 ng
RT: 9.951 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26



Tgt Ion:139 Resp: 152830
Ion Ratio Lower Upper
139 100
109 68.4 50.2 90.2
65 98.2 80.6 120.6





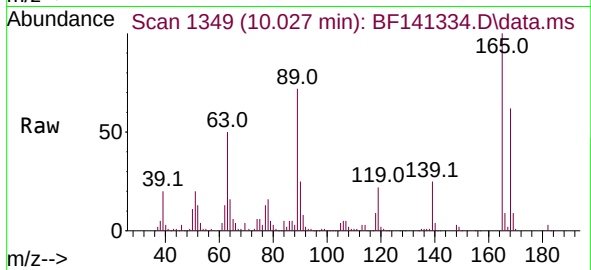
#57
2,4-Dinitrotoluene
Concen: 38.519 ng
RT: 10.027 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

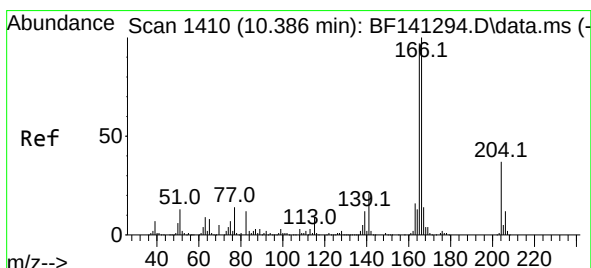
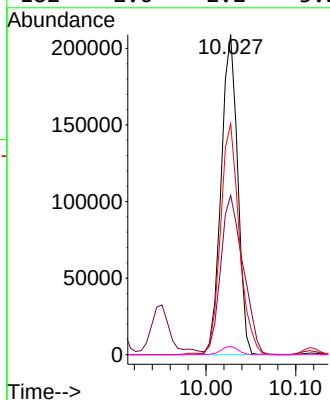
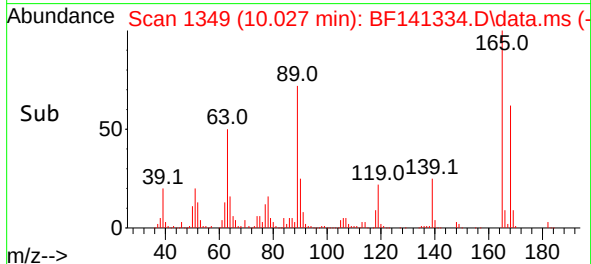


Tgt Ion:165 Resp: 267111
Ion Ratio Lower Upper
165 100
63 49.8 39.2 58.8
89 72.2 56.9 85.3
182 2.6 2.2 3.2

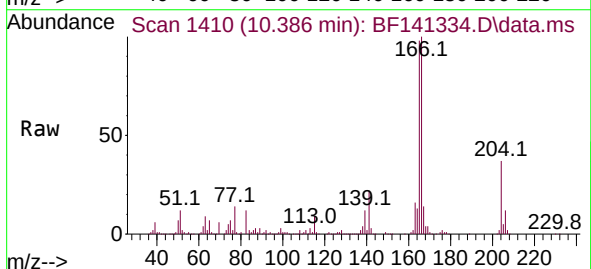
Manual Integrations

APPROVED

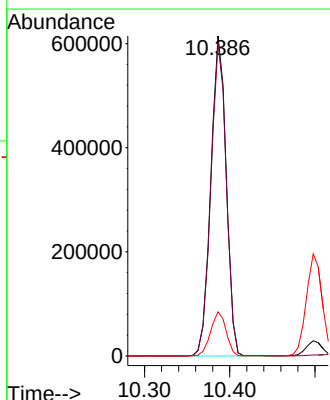
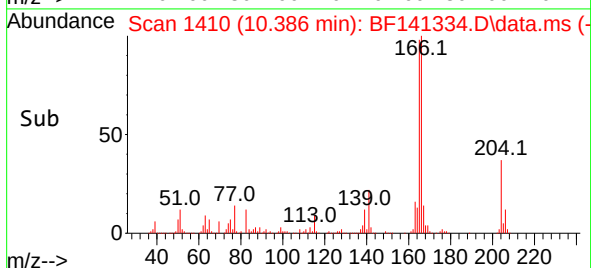
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

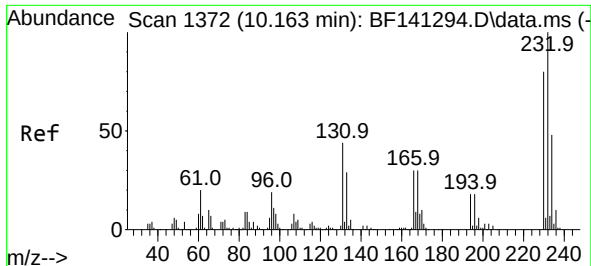


#58
Fluorene
Concen: 35.892 ng
RT: 10.386 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26



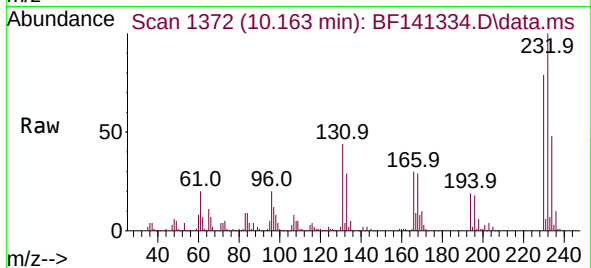
Tgt Ion:166 Resp: 773726
Ion Ratio Lower Upper
166 100
165 97.7 77.5 116.3
167 13.8 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 38.450 ng
RT: 10.163 min Scan# 1372
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

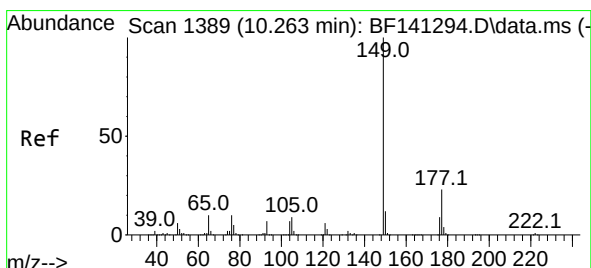
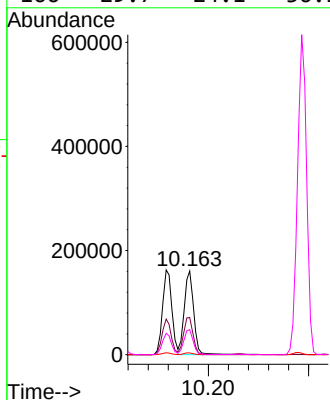
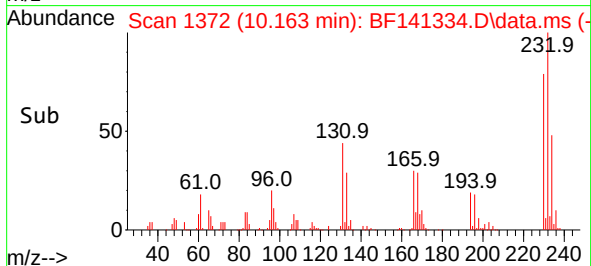
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



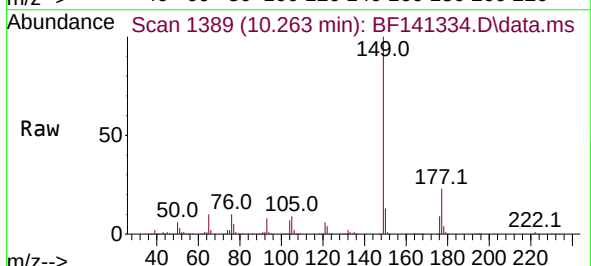
Tgt Ion:232 Resp: 209381
Ion Ratio Lower Upper
232 100
131 45.2 36.4 54.6
130 2.2 1.9 2.9
166 29.7 24.1 36.1

Manual Integrations
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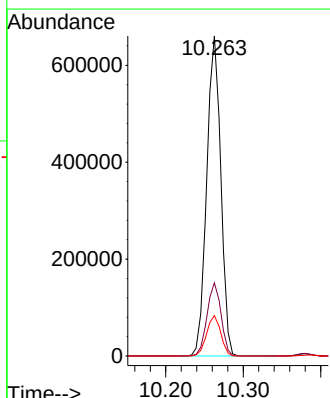
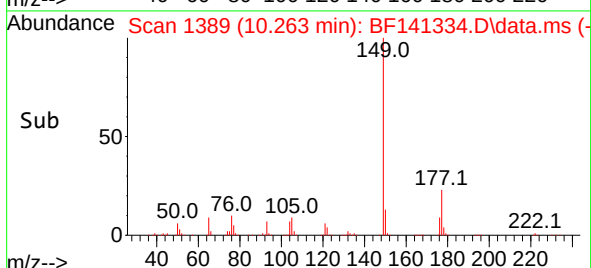
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

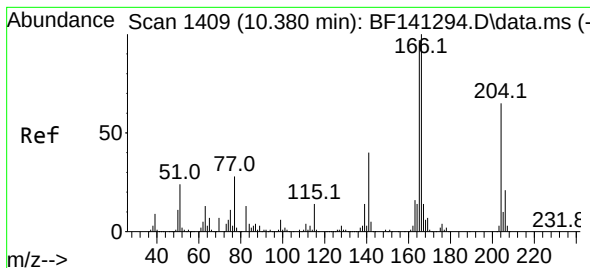


#60
Diethylphthalate
Concen: 37.205 ng
RT: 10.263 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26



Tgt Ion:149 Resp: 832152
Ion Ratio Lower Upper
149 100
177 22.9 18.5 27.7
150 12.6 10.0 15.0





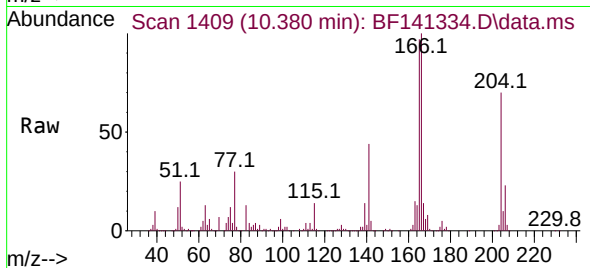
#61
4-Chlorophenyl-phenylether
Concen: 36.147 ng
RT: 10.380 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

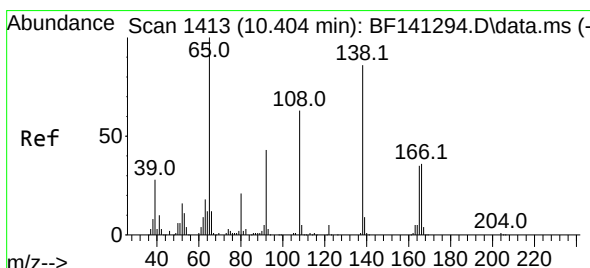
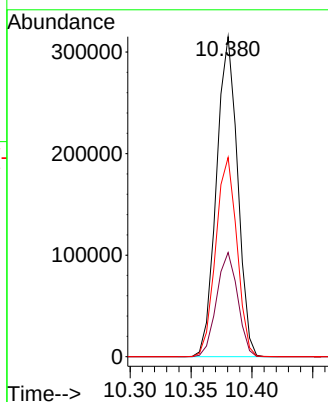
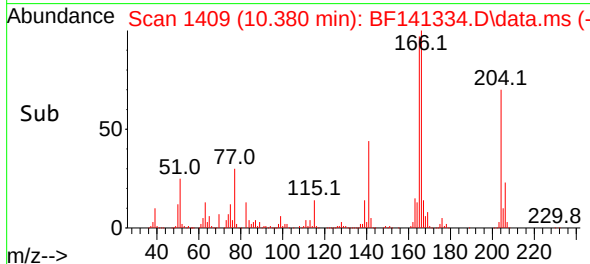


Tgt Ion:204 Resp: 380628
Ion Ratio Lower Upper
204 100
206 32.5 25.9 38.9
141 62.2 49.5 74.3

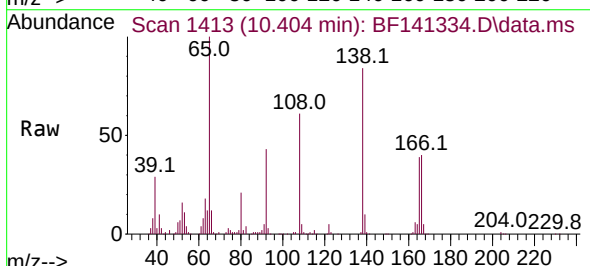
Manual Integrations

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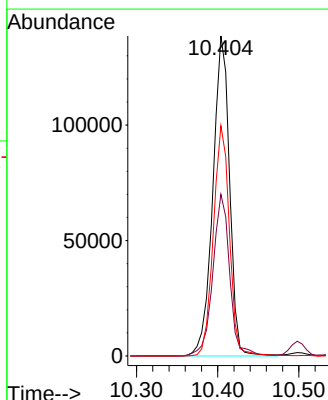
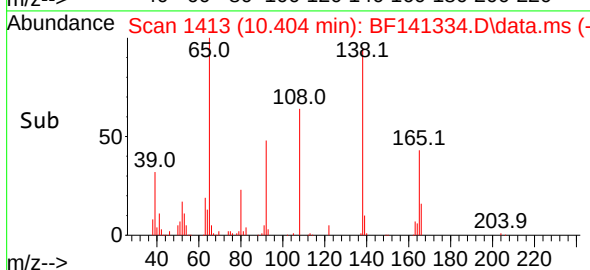
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

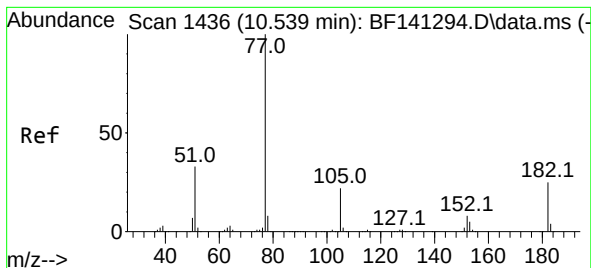


#62
4-Nitroaniline
Concen: 38.469 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26



Tgt Ion:138 Resp: 198535
Ion Ratio Lower Upper
138 100
92 50.5 30.1 70.1
108 71.9 53.1 93.1





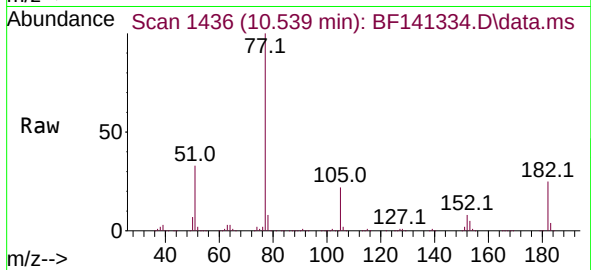
#63
Azobenzene
Concen: 37.160 ng
RT: 10.539 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

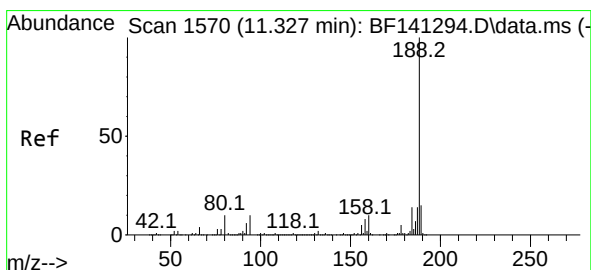
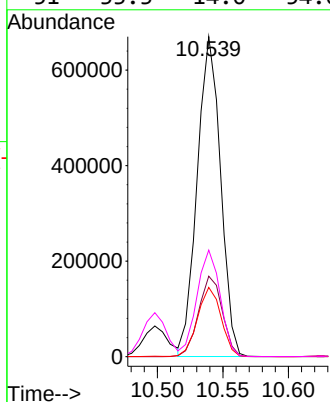
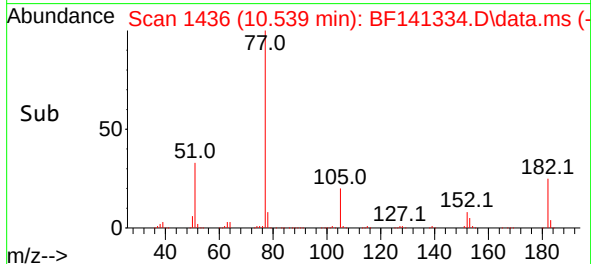


Tgt Ion: 77 Resp: 831958
Ion Ratio Lower Upper
77 100
182 25.1 5.1 45.1
105 21.7 1.8 41.8
51 33.3 14.0 54.0

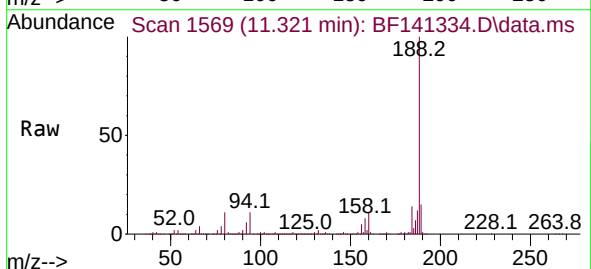
Manual Integrations

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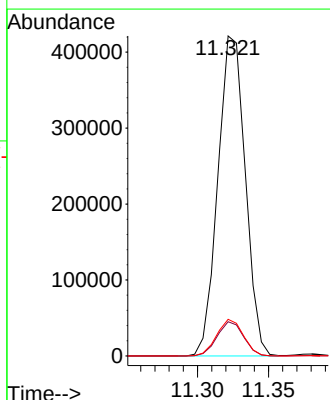
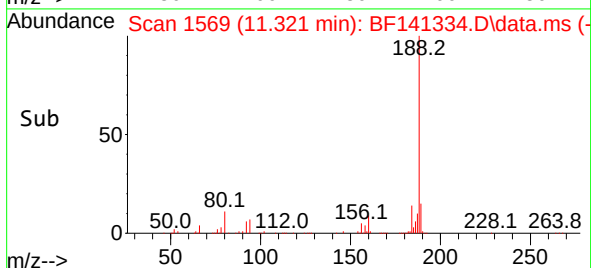
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

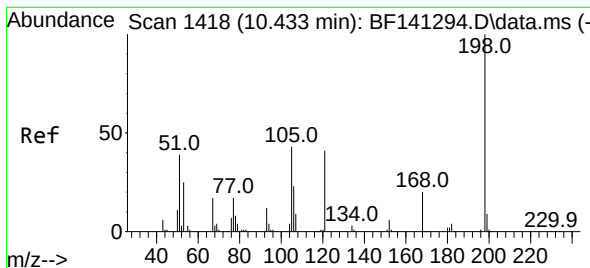


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26



Tgt Ion:188 Resp: 566479
Ion Ratio Lower Upper
188 100
94 10.7 7.8 11.6
80 11.4 8.2 12.4





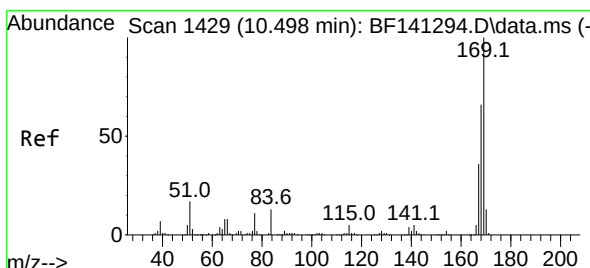
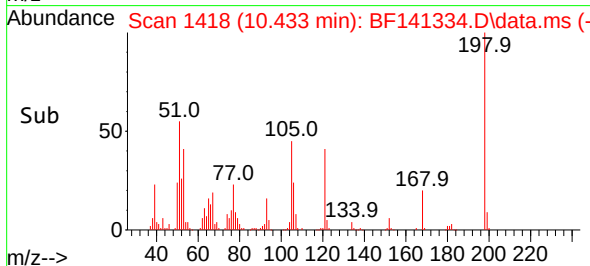
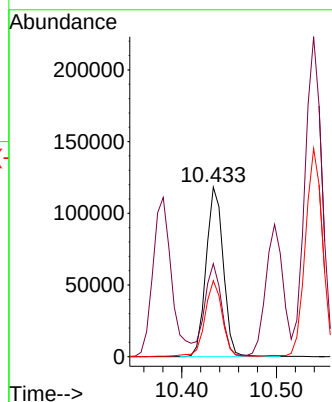
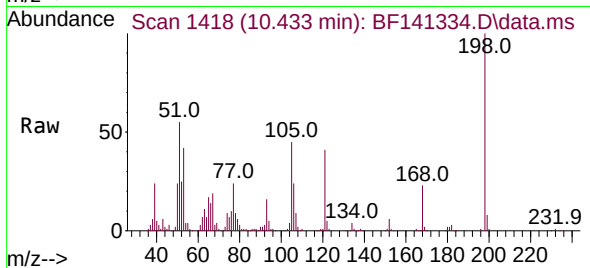
#65
4,6-Dinitro-2-methylphenol
Concen: 44.330 ng
RT: 10.433 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:198 Resp: 14853
Ion Ratio Lower Upper
198 100
51 54.8 33.4 73.4
105 44.8 24.4 64.4

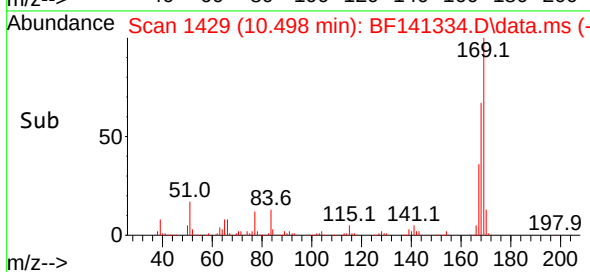
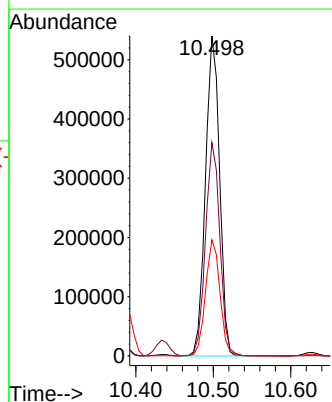
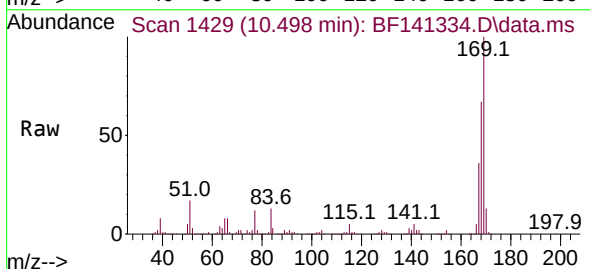
Manual Integrations
APPROVED

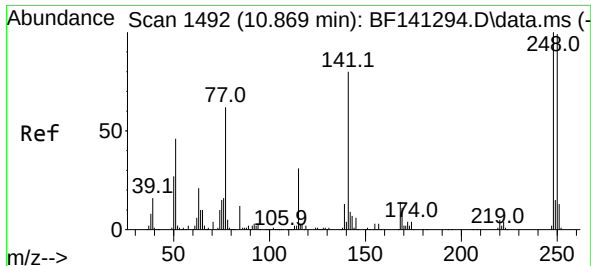
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#66
n-Nitrosodiphenylamine
Concen: 37.253 ng
RT: 10.498 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

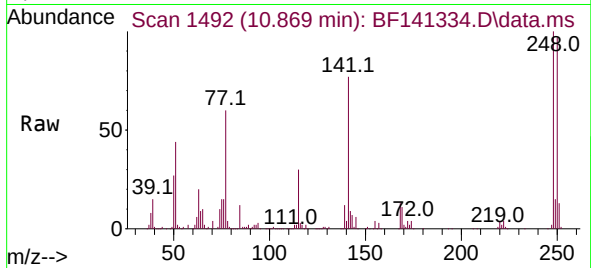
Tgt Ion:169 Resp: 682549
Ion Ratio Lower Upper
169 100
168 66.7 53.0 79.4
167 36.3 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 38.536 ng
RT: 10.869 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

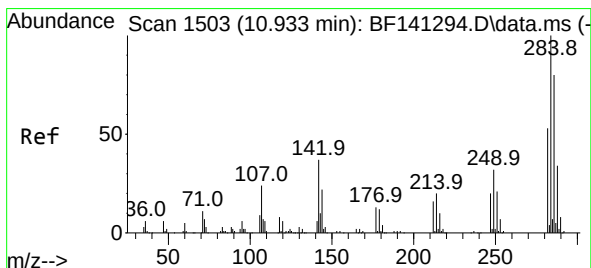
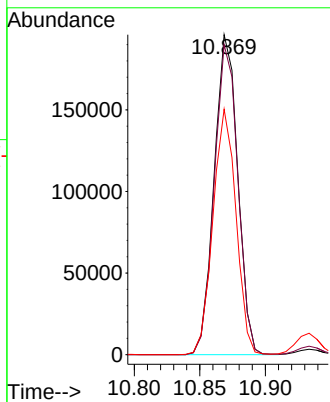
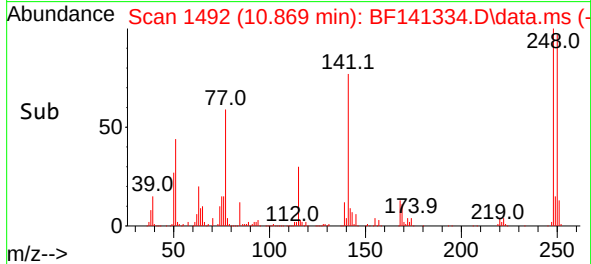
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



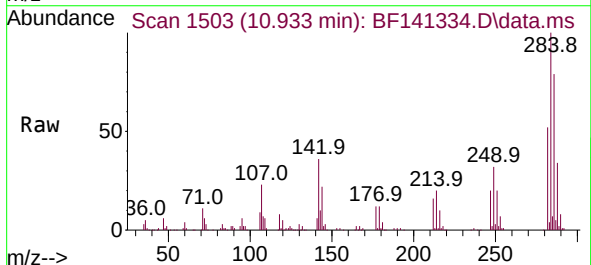
Tgt Ion:248 Resp: 244392
Ion Ratio Lower Upper
248 100
250 96.9 79.0 118.4
141 76.7 63.7 95.5

Manual Integrations
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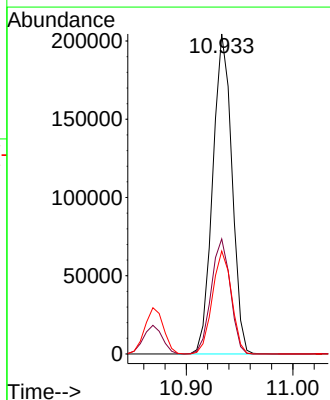
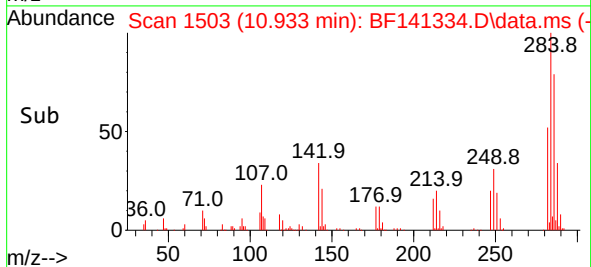
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

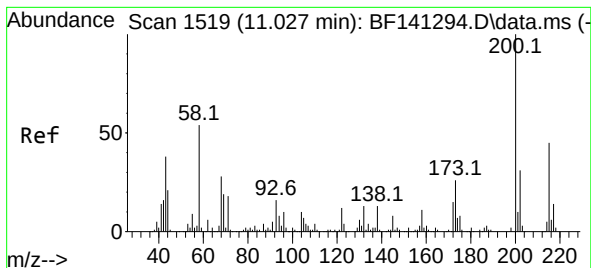


#68
Hexachlorobenzene
Concen: 37.954 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26



Tgt Ion:284 Resp: 255323
Ion Ratio Lower Upper
284 100
142 35.9 29.5 44.3
249 32.2 25.4 38.2





#69

Atrazine

Concen: 34.836 ng

RT: 11.027 min Scan# 1519

Delta R.T. -0.006 min

Lab File: BF141334.D

Acq: 31 Jan 2025 16:26

Instrument :

BNA_F

ClientSampleId :

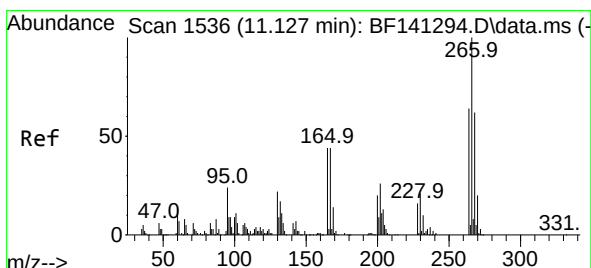
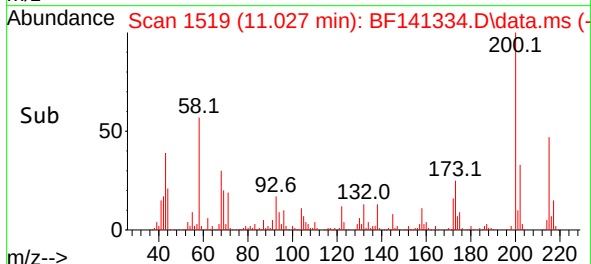
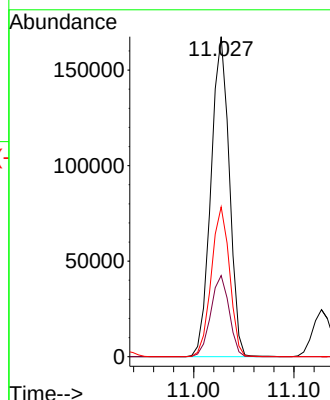
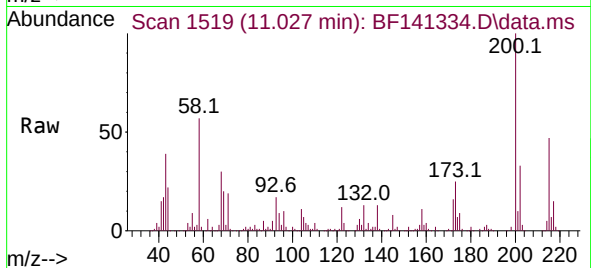
SSTDCCC040EC

Tgt Ion:200 Resp: 21340
 Ion Ratio Lower Upper
 200 100
 173 25.3 5.9 45.9
 215 46.8 25.2 65.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025



#70

Pentachlorophenol

Concen: 42.456 ng

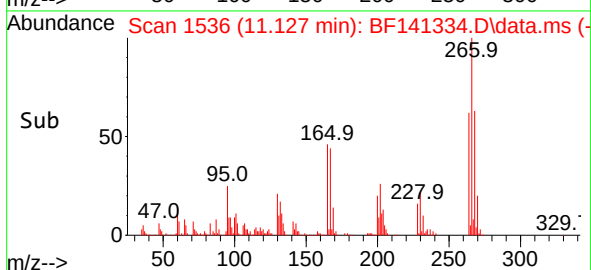
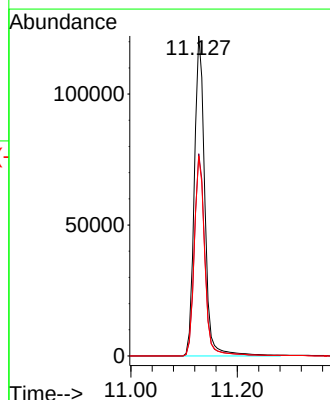
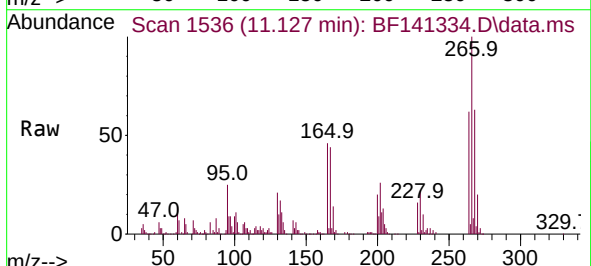
RT: 11.127 min Scan# 1536

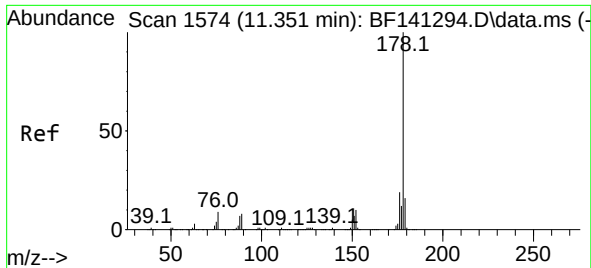
Delta R.T. -0.006 min

Lab File: BF141334.D

Acq: 31 Jan 2025 16:26

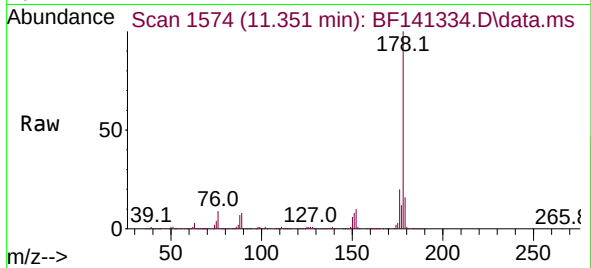
Tgt Ion:266 Resp: 167246
 Ion Ratio Lower Upper
 266 100
 268 63.2 49.9 74.9
 264 62.5 51.0 76.4





#71
Phenanthrene
Concen: 37.212 ng
RT: 11.351 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

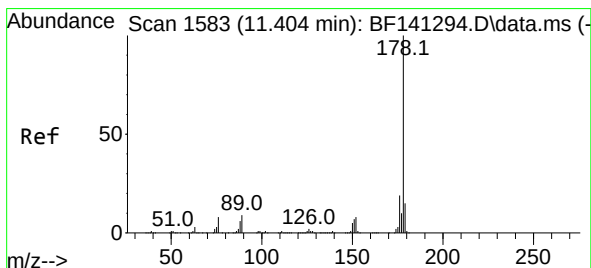
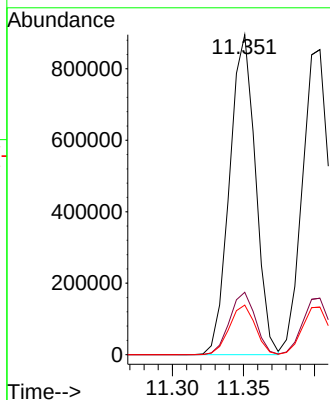
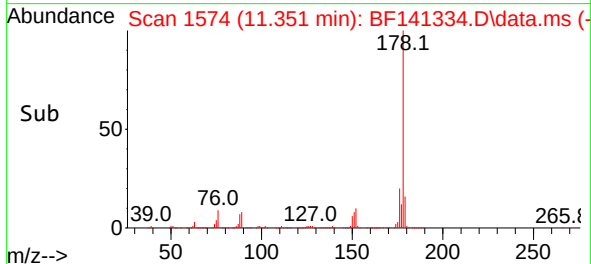
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:178 Resp: 113312
Ion Ratio Lower Upper
178 100
176 19.5 15.3 22.9
179 15.5 12.5 18.7

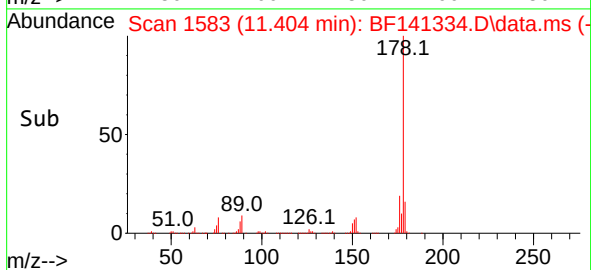
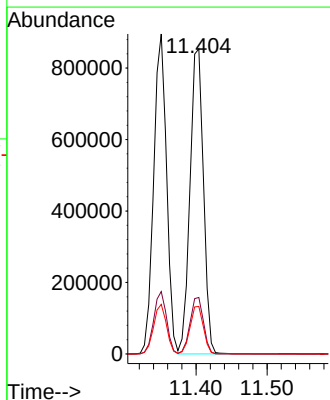
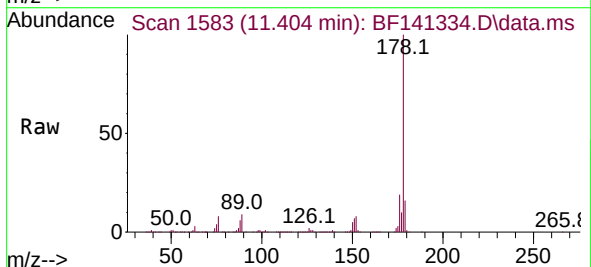
Manual Integrations
APPROVED

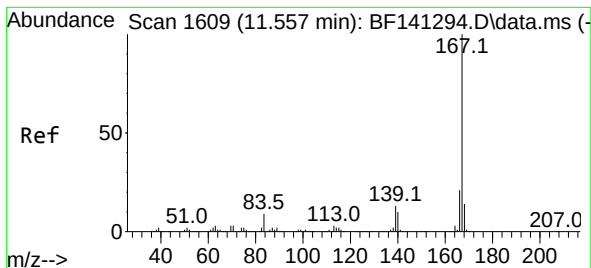
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#72
Anthracene
Concen: 37.760 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

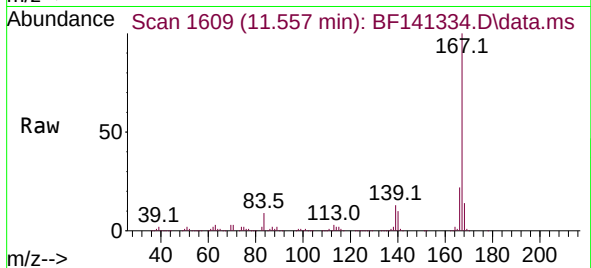
Tgt Ion:178 Resp: 1126615
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.6
179 15.6 12.3 18.5





#73
 Carbazole
 Concen: 38.354 ng
 RT: 11.557 min Scan# 1609
 Delta R.T. -0.000 min
 Lab File: BF141334.D
 Acq: 31 Jan 2025 16:26

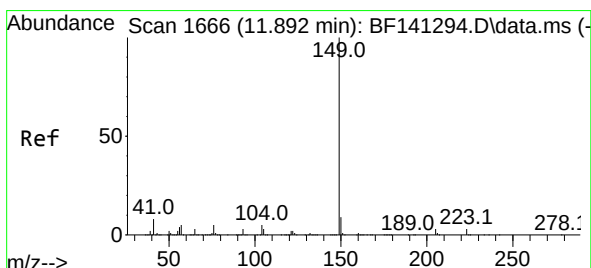
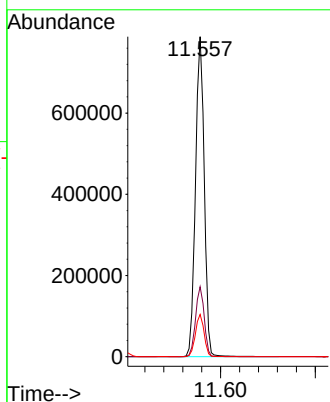
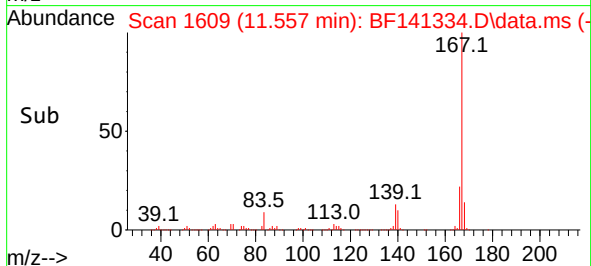
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC



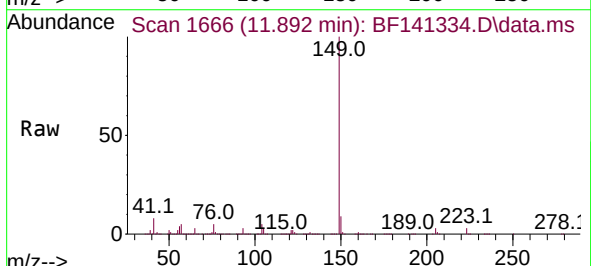
Tgt Ion:167 Resp: 1014711
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.0 25.6
 139 13.2 10.6 16.0

Manual Integrations
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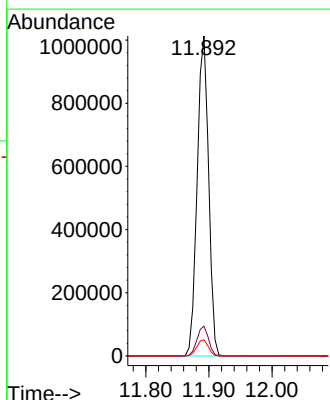
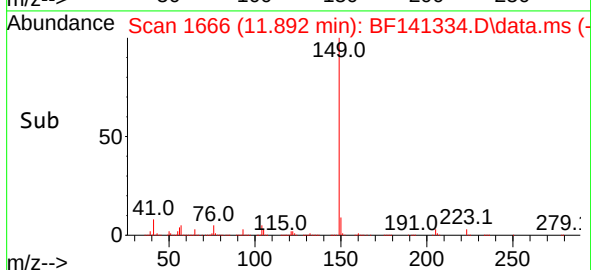
Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025

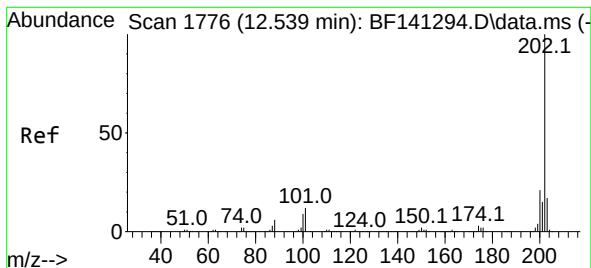


#74
 Di-n-butylphthalate
 Concen: 39.613 ng
 RT: 11.892 min Scan# 1666
 Delta R.T. 0.000 min
 Lab File: BF141334.D
 Acq: 31 Jan 2025 16:26



Tgt Ion:149 Resp: 1270081
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 5.0 3.9 5.9





#75

Fluoranthene

Concen: 38.576 ng

RT: 12.539 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF141334.D

Acq: 31 Jan 2025 16:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:202 Resp: 115983

Ion Ratio Lower Upper

202 100

101 11.9 0.0 31.7

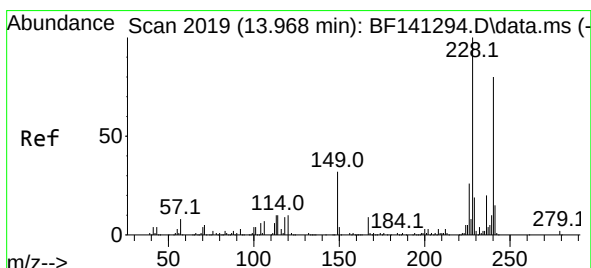
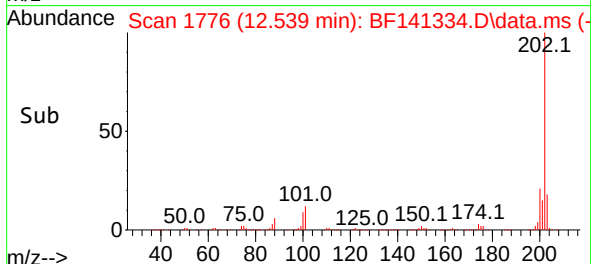
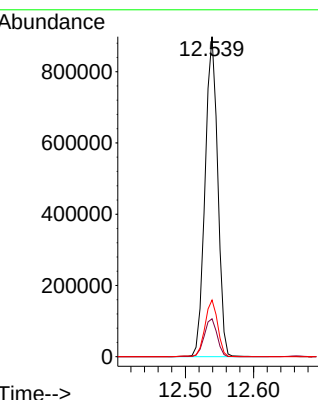
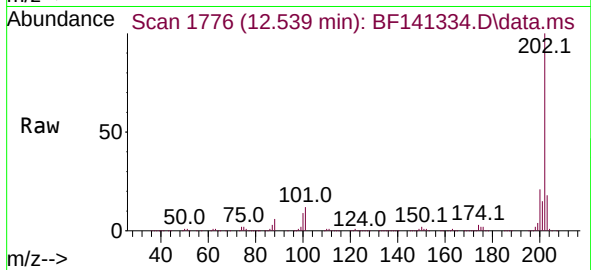
203 17.7 0.0 37.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025

Supervised By :mohammad ahmed 02/04/2025



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF141334.D

Acq: 31 Jan 2025 16:26

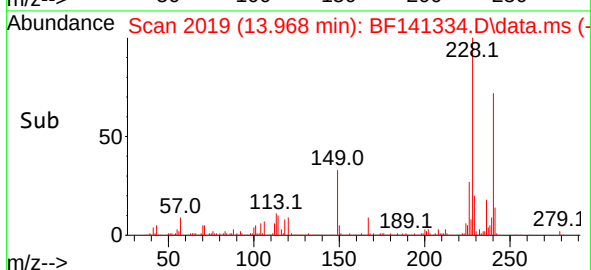
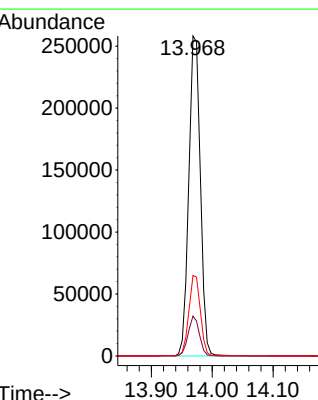
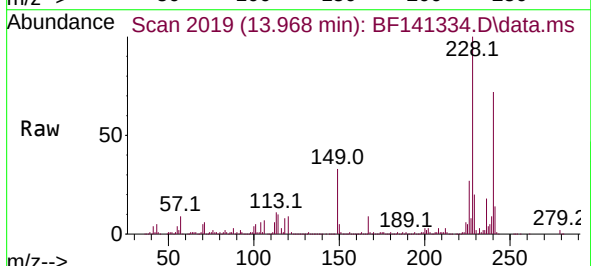
Tgt Ion:240 Resp: 341440

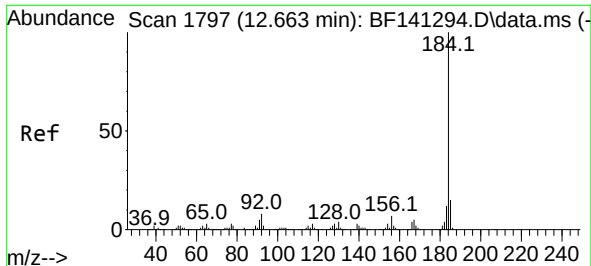
Ion Ratio Lower Upper

240 100

120 12.5 10.0 15.0

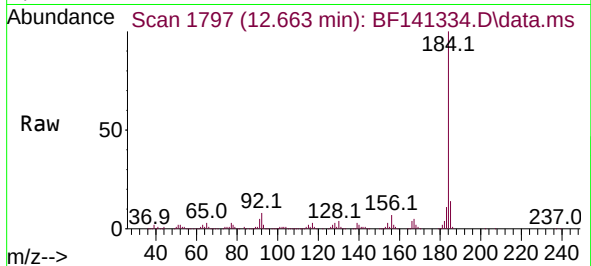
236 25.1 19.7 29.5





#77
Benzidine
Concen: 35.937 ng
RT: 12.663 min Scan# 1797
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

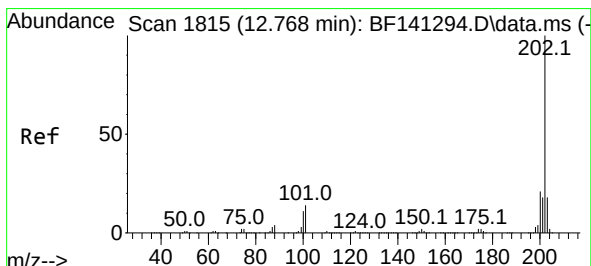
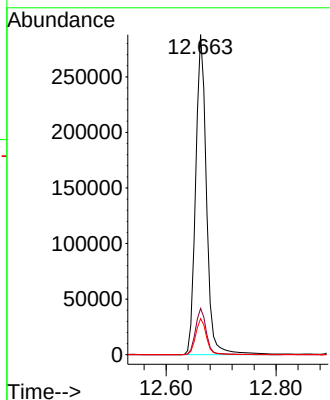
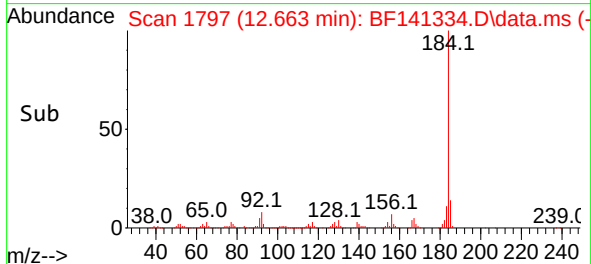
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



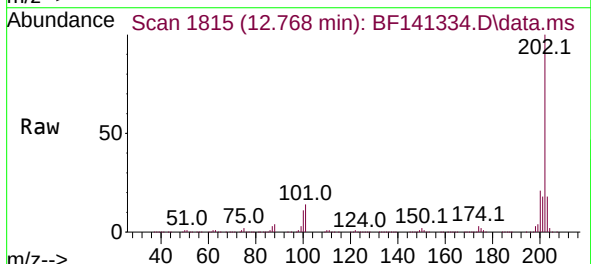
Tgt Ion:184 Resp: 393360
Ion Ratio Lower Upper
184 100
185 14.5 11.9 17.9
183 11.3 9.5 14.3

Manual Integrations
APPROVED

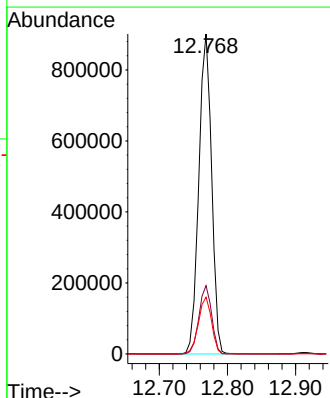
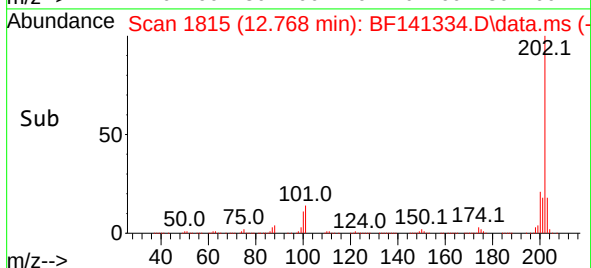
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

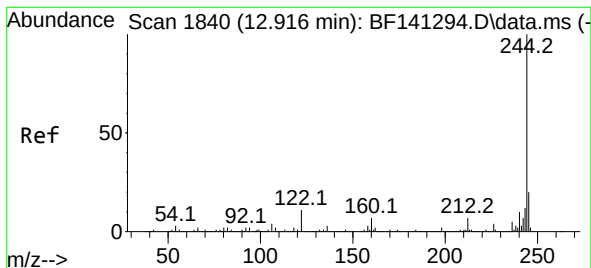


#78
Pyrene
Concen: 35.817 ng
RT: 12.768 min Scan# 1815
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26



Tgt Ion:202 Resp: 1173910
Ion Ratio Lower Upper
202 100
200 21.4 17.0 25.4
203 17.7 14.3 21.5





#79

Terphenyl-d14

Concen: 70.798 ng

RT: 12.915 min Scan# 1840

Delta R.T. -0.000 min

Lab File: BF141334.D

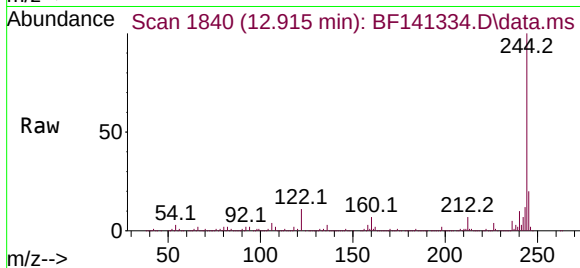
Acq: 31 Jan 2025 16:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:244 Resp: 1567460

Ion Ratio Lower Upper

244 100

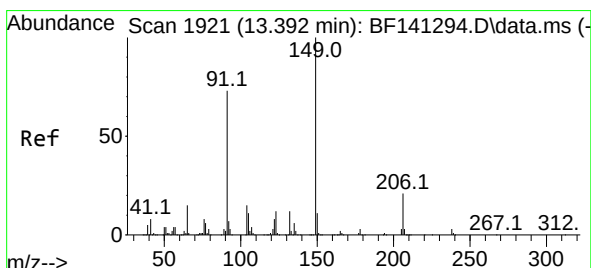
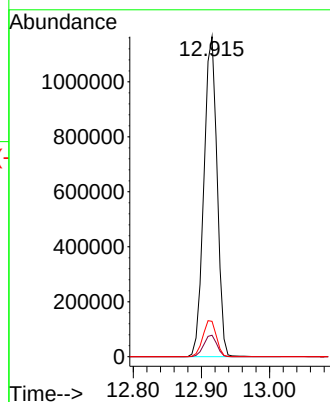
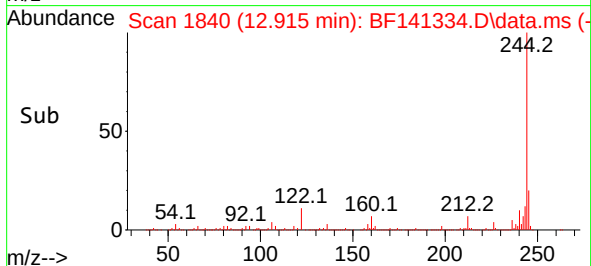
212 6.7 5.4 8.0

122 11.1 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#80

Butylbenzylphthalate

Concen: 39.406 ng

RT: 13.392 min Scan# 1921

Delta R.T. -0.000 min

Lab File: BF141334.D

Acq: 31 Jan 2025 16:26

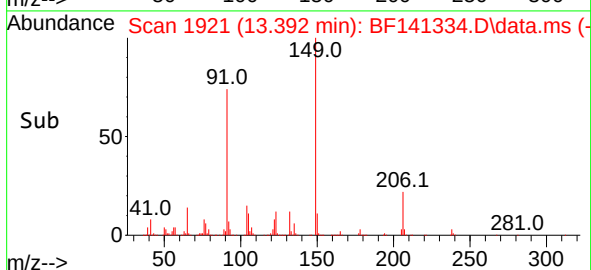
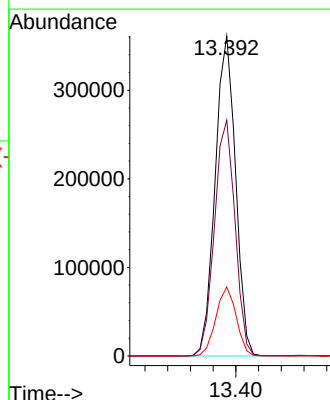
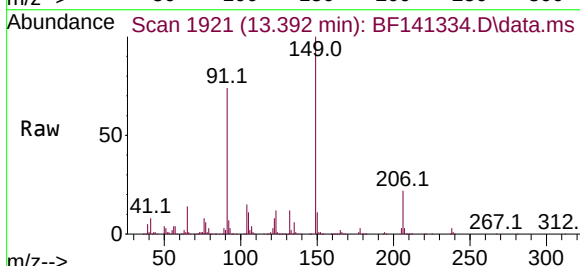
Tgt Ion:149 Resp: 451201

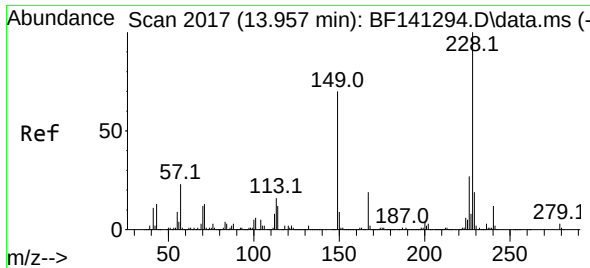
Ion Ratio Lower Upper

149 100

91 73.7 58.6 87.8

206 21.5 16.7 25.1





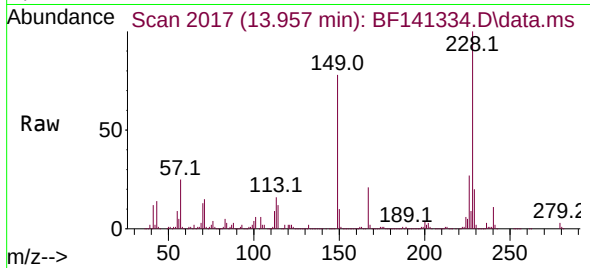
#81
Benzo(a)anthracene
Concen: 34.980 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

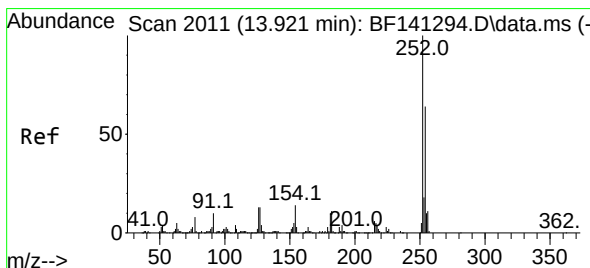
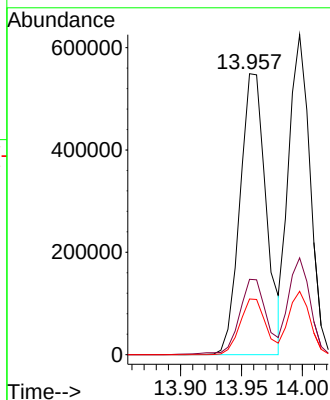
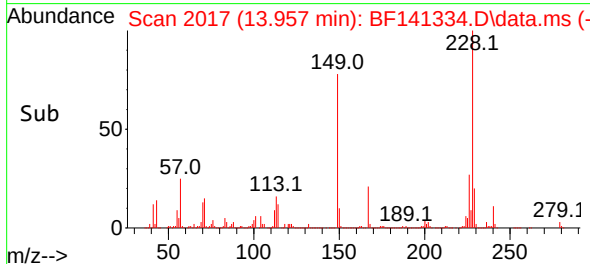


Tgt Ion:228 Resp: 82418
Ion Ratio Lower Upper
228 100
226 26.8 21.4 32.2
229 19.8 15.5 23.3

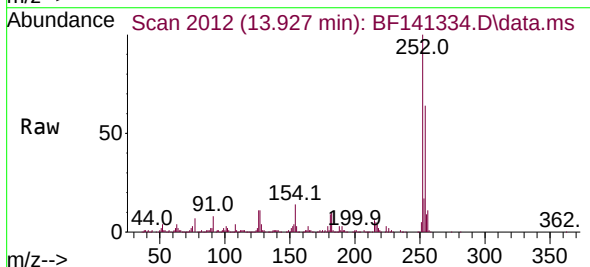
Manual Integrations

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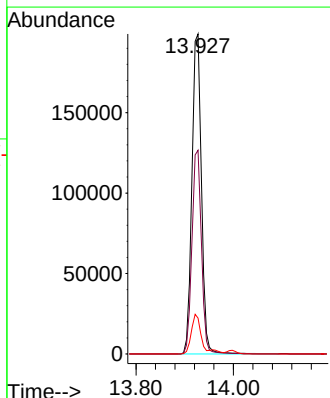
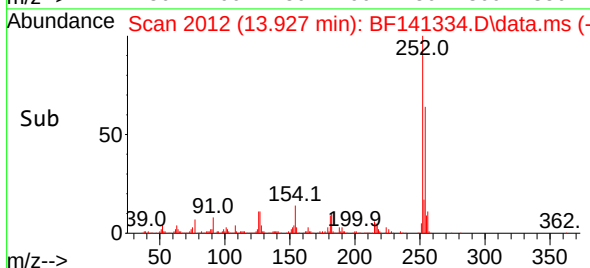
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

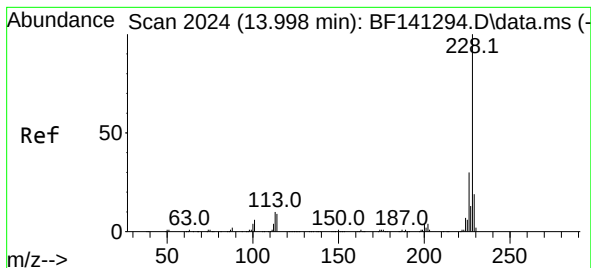


#82
3,3'-Dichlorobenzidine
Concen: 36.313 ng
RT: 13.927 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26



Tgt Ion:252 Resp: 272114
Ion Ratio Lower Upper
252 100
254 63.6 51.3 76.9
126 11.2 10.0 15.0





#83

Chrysene

Concen: 35.690 ng

RT: 13.998 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF141334.D

Acq: 31 Jan 2025 16:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

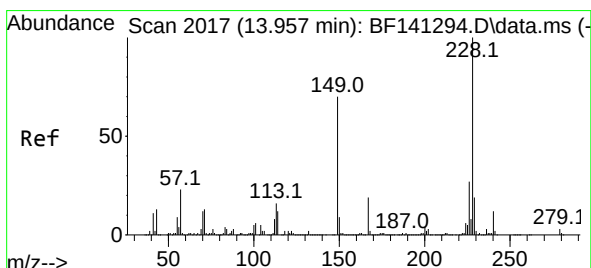
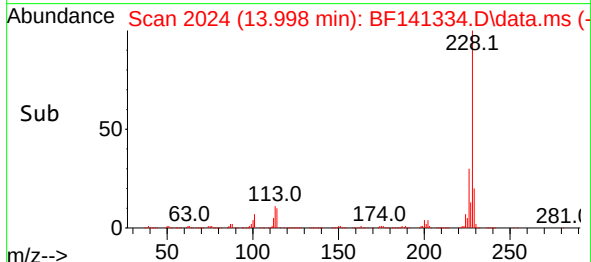
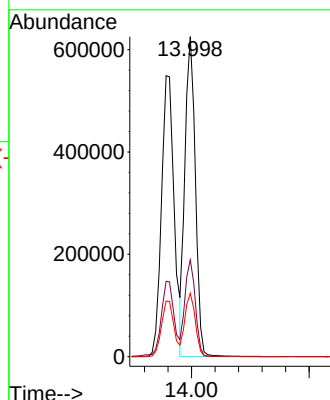
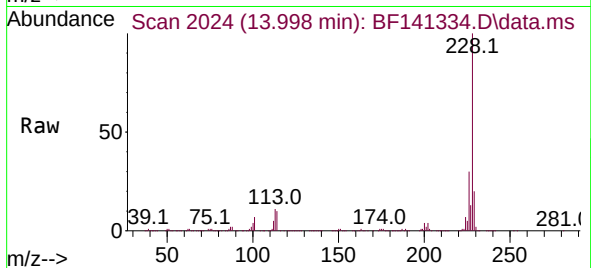
Tgt Ion:228 Resp: 770660

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.1	36.1
229	19.8	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.633 ng

RT: 13.957 min Scan# 2017

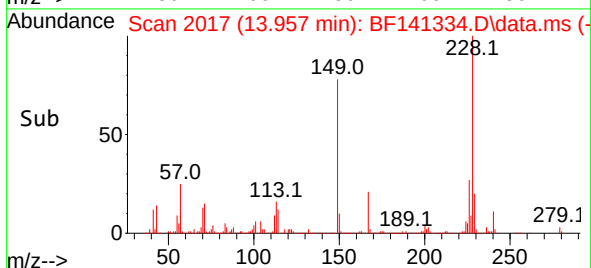
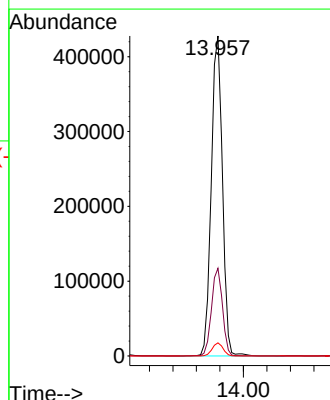
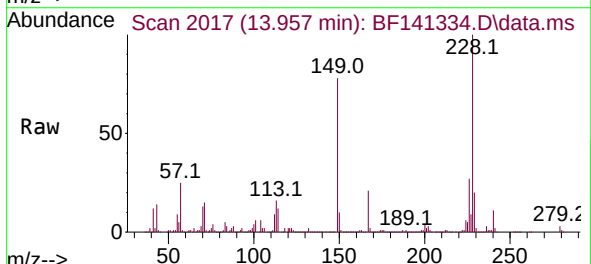
Delta R.T. -0.000 min

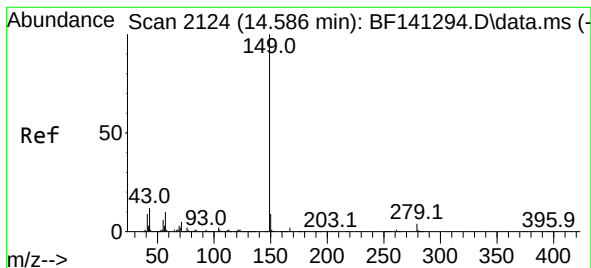
Lab File: BF141334.D

Acq: 31 Jan 2025 16:26

Tgt Ion:149 Resp: 561147

Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.8	32.8
279	4.1	3.3	4.9





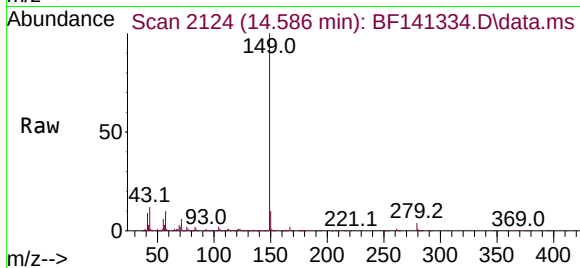
#85
Di-n-octyl phthalate
Concen: 39.037 ng
RT: 14.586 min Scan# 2124
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

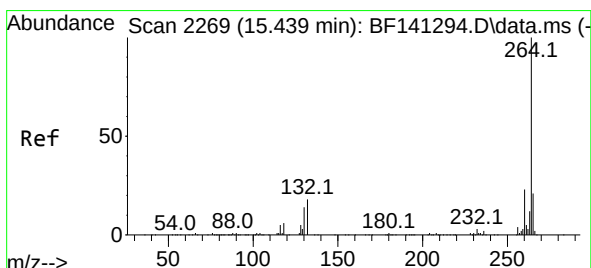
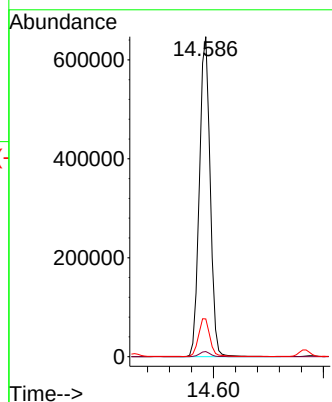
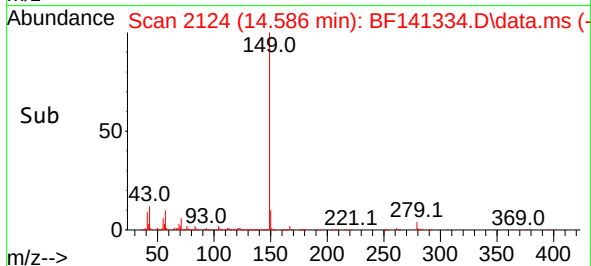


Tgt Ion:149 Resp: 880674
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 12.5 9.8 14.8

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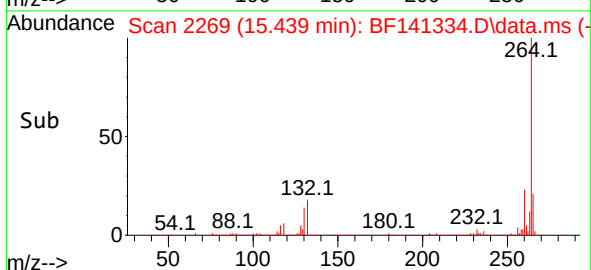
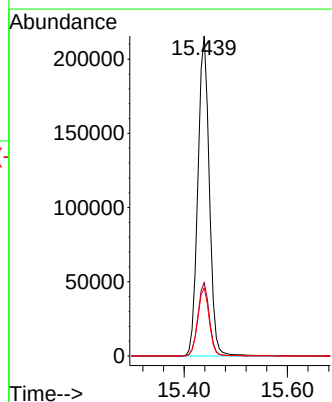
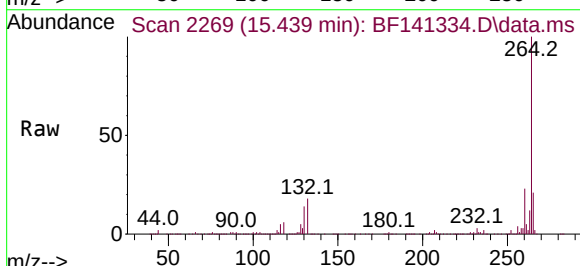
APPROVED

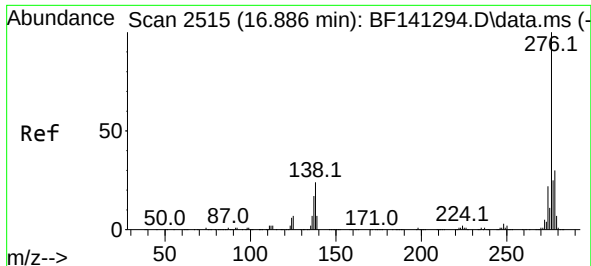
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:264 Resp: 331116
Ion Ratio Lower Upper
264 100
260 22.9 18.6 27.8
265 21.3 16.7 25.1





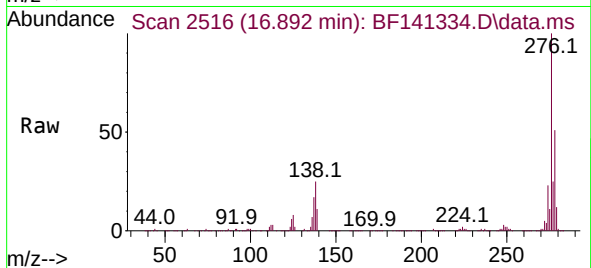
#87
Indeno(1,2,3-cd)pyrene
Concen: 37.527 ng
RT: 16.892 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

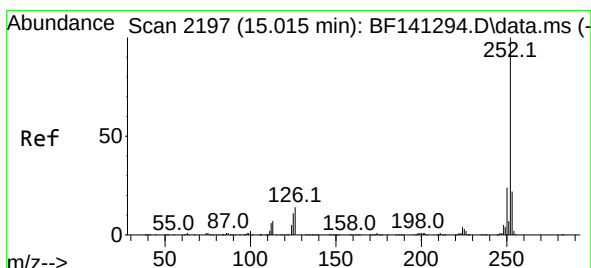
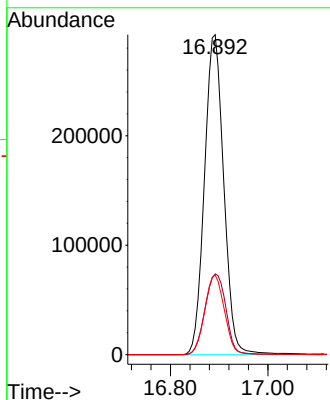
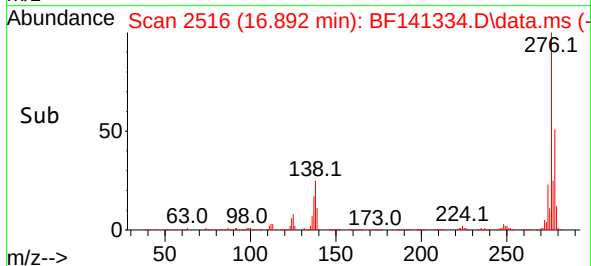


Tgt Ion:276 Resp: 80200
Ion Ratio Lower Upper
276 100
138 27.3 21.7 32.5
277 25.7 20.3 30.5

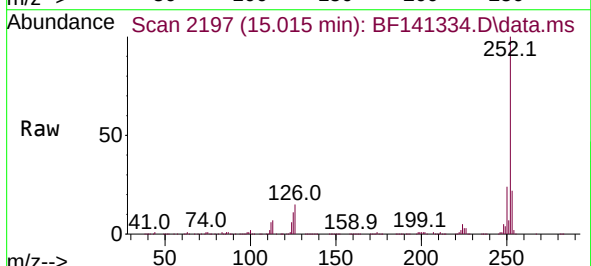
Manual Integrations

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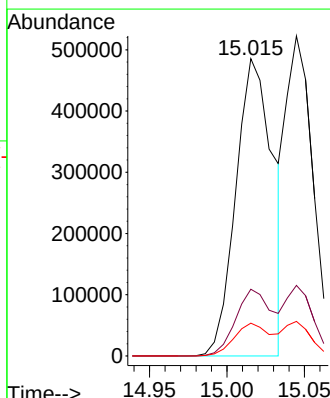
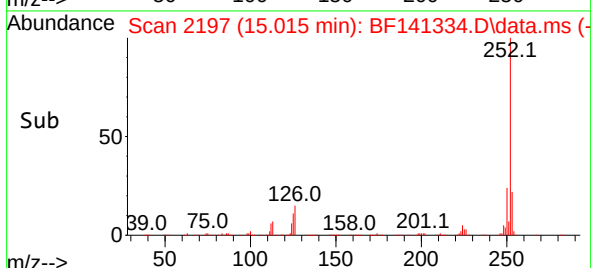
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

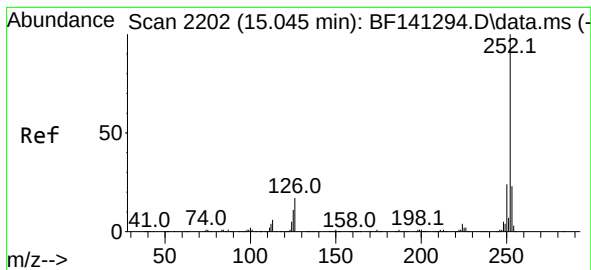


#88
Benzo(b)fluoranthene
Concen: 38.817 ng
RT: 15.015 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26



Tgt Ion:252 Resp: 808478
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 11.0 8.6 12.8





#89

Benzo(k)fluoranthene

Concen: 34.632 ng

RT: 15.045 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF141334.D

Acq: 31 Jan 2025 16:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:252 Resp: 638999

Ion Ratio Lower Upper

252 100

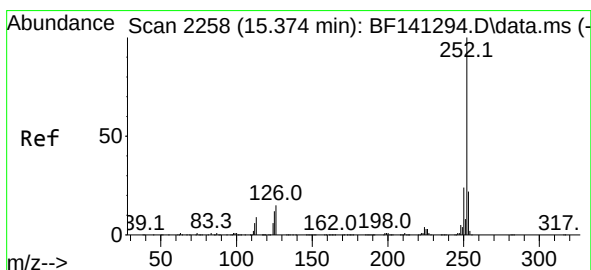
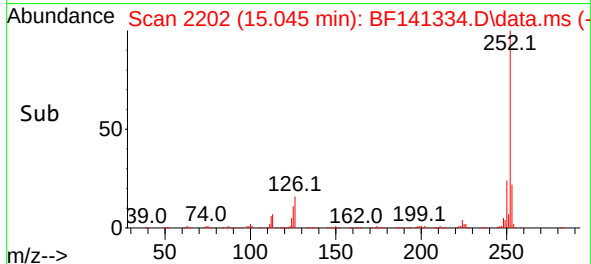
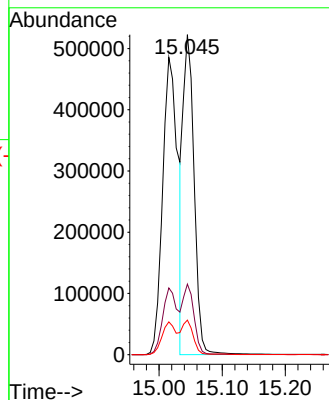
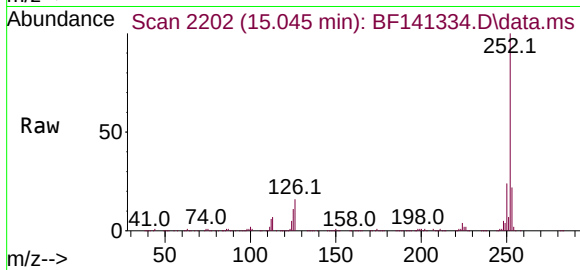
253 22.0 17.6 26.4

125 10.8 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#90

Benzo(a)pyrene

Concen: 37.270 ng

RT: 15.380 min Scan# 2259

Delta R.T. -0.000 min

Lab File: BF141334.D

Acq: 31 Jan 2025 16:26

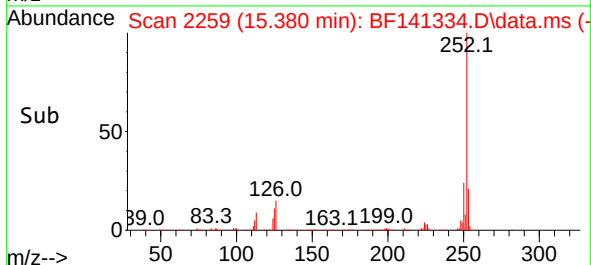
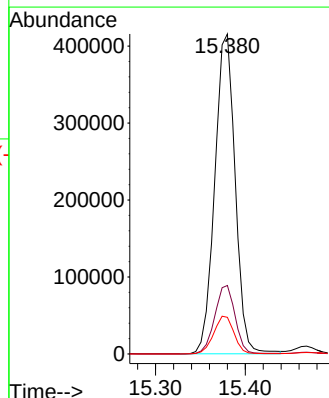
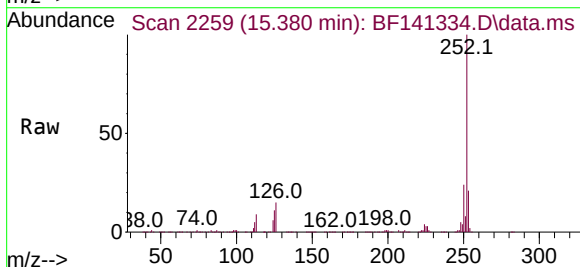
Tgt Ion:252 Resp: 655984

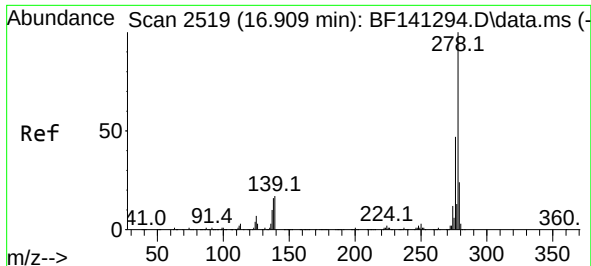
Ion Ratio Lower Upper

252 100

253 21.4 17.2 25.8

125 11.5 9.4 14.2





#91
Dibenzo(a,h)anthracene
Concen: 37.536 ng
RT: 16.909 min Scan# 2519
Delta R.T. -0.012 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Instrument :

BNA_F

ClientSampleId :

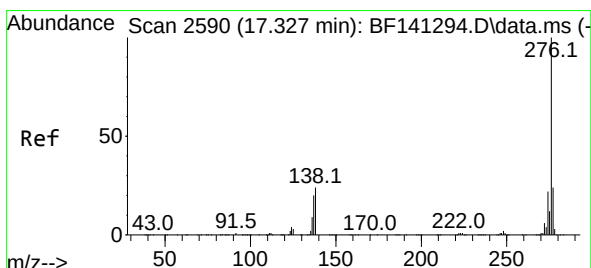
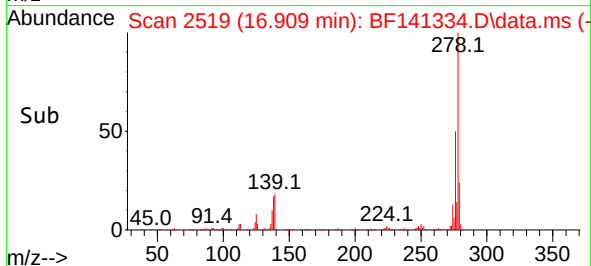
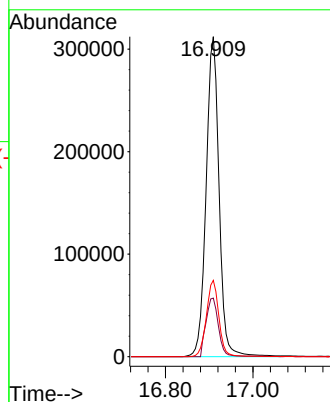
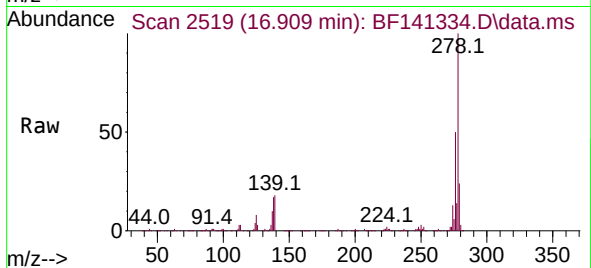
SSTDCCC040EC

Tgt Ion:278 Resp: 64539
Ion Ratio Lower Upper
278 100
139 18.3 13.9 20.9
279 23.9 18.8 28.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#92
Benzo(g,h,i)perylene
Concen: 38.355 ng
RT: 17.327 min Scan# 2590
Delta R.T. -0.018 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:276 Resp: 685709
Ion Ratio Lower Upper
276 100
277 23.5 19.2 28.8
138 23.3 19.0 28.4

