

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
 Data File : BF141387.D
 Acq On : 03 Feb 2025 23:30
 Operator : RC/JU
 Sample : Q1271-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR200030MS

Quant Time: Feb 04 01:54:28 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	86988	20.000	ng	-0.01
21) Naphthalene-d8	8.075	136	341693	20.000	ng	-0.01
39) Acenaphthene-d10	9.833	164	181294	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	272543	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	165713	20.000	ng	-0.02
86) Perylene-d12	15.404	264	173783	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	634352	111.953	ng	0.01
7) Phenol-d6	6.440	99	791408	109.793	ng	0.00
23) Nitrobenzene-d5	7.357	82	510813	78.808	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	195923	117.880	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	901508	76.538	ng	-0.01
79) Terphenyl-d14	12.904	244	687924	64.021	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.557	88	111945	44.922	ng	98
3) Pyridine	3.293	79	235329	39.194	ng	98
4) n-Nitrosodimethylamine	3.240	42	161423	47.063	ng	91
6) Aniline	6.457	93	131481	21.549	ng	# 1
8) 2-Chlorophenol	6.587	128	280254	46.146	ng	96
9) Benzaldehyde	6.345	77	211211	50.587	ng	98
10) Phenol	6.451	94	337241	44.136	ng	83
11) bis(2-Chloroethyl)ether	6.534	93	259599	44.310	ng	97
12) 1,3-Dichlorobenzene	6.734	146	292838	43.731	ng	99
13) 1,4-Dichlorobenzene	6.810	146	301360	44.798	ng	99
14) 1,2-Dichlorobenzene	6.963	146	284363	45.143	ng	100
15) Benzyl Alcohol	6.940	79	246928	50.127	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.069	45	438487	43.041	ng	56
17) 2-Methylphenol	7.063	107	216772	43.917	ng	# 88
18) Hexachloroethane	7.304	117	113376	45.685	ng	99
19) n-Nitroso-di-n-propyla...	7.210	70	195583	45.664	ng	97
20) 3+4-Methylphenols	7.216	107	282742	46.653	ng	# 83
22) Acetophenone	7.204	105	431712	53.153	ng	# 96
24) Nitrobenzene	7.375	77	296247	44.104	ng	98
25) Isophorone	7.616	82	518170	46.248	ng	99
26) 2-Nitrophenol	7.692	139	150266	47.434	ng	96
27) 2,4-Dimethylphenol	7.734	122	232577m	57.681	ng	
28) bis(2-Chloroethoxy)met...	7.828	93	315461	44.140	ng	99
29) 2,4-Dichlorophenol	7.945	162	229855	46.564	ng	98
30) 1,2,4-Trichlorobenzene	8.016	180	247233	43.856	ng	99
31) Naphthalene	8.098	128	815414	45.173	ng	100
32) Benzoic acid	7.863	122	188107	50.748	ng	96
33) 4-Chloroaniline	8.151	127	52536	8.583	ng	99
34) Hexachlorobutadiene	8.216	225	152646	46.173	ng	100
35) Caprolactam	8.516	113	76091m	47.199	ng	
36) 4-Chloro-3-methylphenol	8.645	107	246044	46.468	ng	97
37) 2-Methylnaphthalene	8.787	142	508246	44.300	ng	100
38) 1-Methylnaphthalene	8.886	142	496234	44.032	ng	100
40) 1,2,4,5-Tetrachloroben...	8.957	216	270737	52.493	ng	98
41) Hexachlorocyclopentadiene	8.939	237	287668	188.859	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	159390	47.215	ng	98

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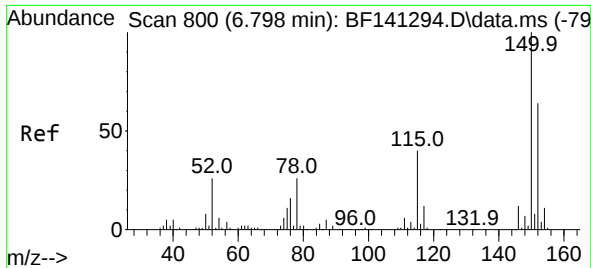
Manual Integrations
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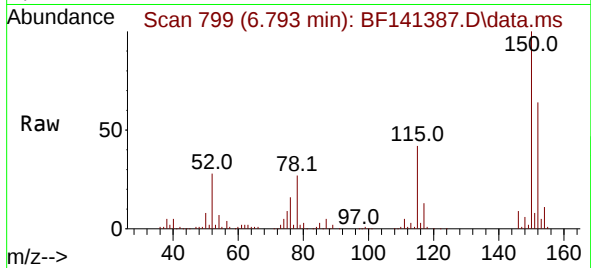
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	170486	46.401	ng	99
46) 1,1'-Biphenyl	9.251	154	729449	51.592	ng	99
47) 2-Chloronaphthalene	9.281	162	496124	45.019	ng	99
48) 2-Nitroaniline	9.375	65	163684	47.221	ng	96
49) Acenaphthylene	9.692	152	768904	49.843	ng	100
50) Dimethylphthalate	9.557	163	580794	47.433	ng	99
51) 2,6-Dinitrotoluene	9.616	165	124666	43.850	ng	95
52) Acenaphthene	9.863	154	575834m	52.250	ng	
53) 3-Nitroaniline	9.786	138	62903	22.574	ng	99
54) 2,4-Dinitrophenol	9.898	184	149460	113.090	ng	95
55) Dibenzofuran	10.039	168	686926	46.565	ng	97
56) 4-Nitrophenol	9.969	139	194455	95.421	ng	94
57) 2,4-Dinitrotoluene	10.022	165	172539	46.874	ng	98
58) Fluorene	10.381	166	540469	47.232	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	140025	48.442	ng	99
60) Diethylphthalate	10.257	149	552588	46.544	ng	99
61) 4-Chlorophenyl-phenyle...	10.375	204	258228	46.199	ng	99
62) 4-Nitroaniline	10.404	138	119359	43.570	ng	95
63) Azobenzene	10.533	77	575227	48.403	ng	97
65) 4,6-Dinitro-2-methylph...	10.428	198	94305	58.499	ng	95
66) n-Nitrosodiphenylamine	10.492	169	461385	52.341	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	155102	50.833	ng	99
68) Hexachlorobenzene	10.928	284	156515	48.358	ng	98
69) Atrazine	11.022	200	165257	56.071	ng	99
70) Pentachlorophenol	11.128	266	187070	98.703	ng	98
71) Phenanthrene	11.345	178	899732	61.414	ng	100
72) Anthracene	11.398	178	775413	54.018	ng	100
73) Carbazole	11.551	167	599245	47.079	ng	99
74) Di-n-butylphthalate	11.880	149	740107	47.979	ng	100
75) Fluoranthene	12.533	202	939002	64.913	ng	99
77) Benzidine	12.657	184	162879	30.660	ng	99
78) Pyrene	12.763	202	885157	55.646	ng	100
80) Butylbenzylphthalate	13.380	149	238234	42.870	ng	99
81) Benzo(a)anthracene	13.951	228	647937	56.662	ng	99
82) 3,3'-Dichlorobenzidine	13.910	252	63372	17.425	ng	99
83) Chrysene	13.986	228	575787	54.942	ng	99
84) Bis(2-ethylhexyl)phtha...	13.939	149	315365	44.736	ng	98
85) Di-n-octyl phthalate	14.557	149	517559	47.269	ng	99
87) Indeno(1,2,3-cd)pyrene	16.845	276	473633	42.227	ng	96
88) Benzo(b)fluoranthene	14.986	252	675061	61.754	ng	99
89) Benzo(k)fluoranthene	15.015	252	490267	50.627	ng	99
90) Benzo(a)pyrene	15.345	252	545989	59.105	ng	98
91) Dibenzo(a,h)anthracene	16.862	278	365614	40.516	ng	98
92) Benzo(g,h,i)perylene	17.280	276	354400	37.770	ng	96

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

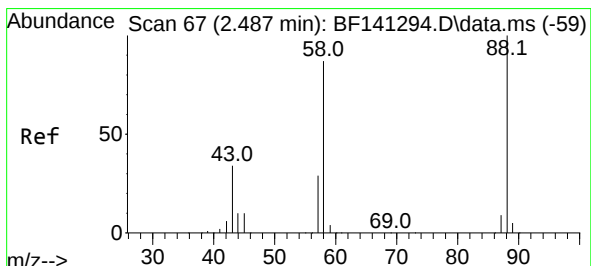
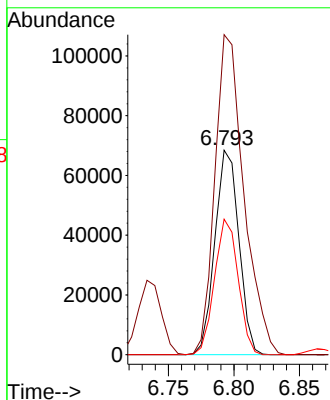
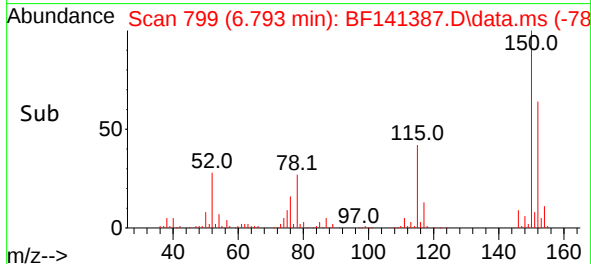
Instrument :
BNA_F
ClientSampleId :
RBR200030MS



Tgt Ion:152 Resp: 8698
Ion Ratio Lower Upper
152 100
150 156.5 125.9 188.9
115 66.3 49.7 74.5

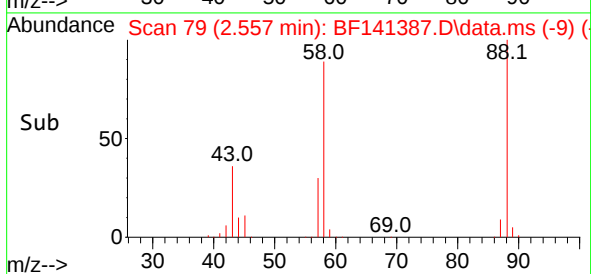
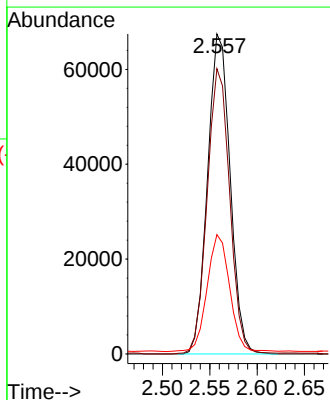
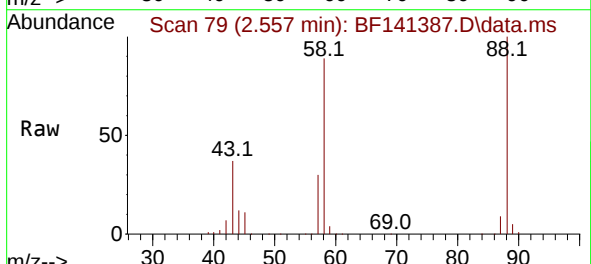
Manual Integrations
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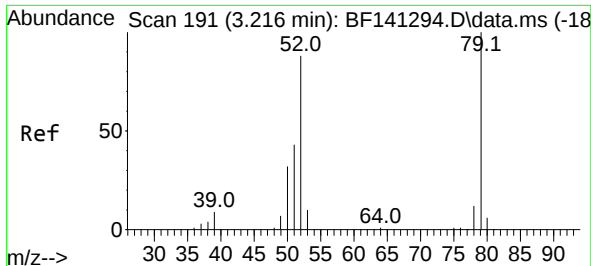
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#2
1,4-Dioxane
Concen: 44.922 ng
RT: 2.557 min Scan# 79
Delta R.T. 0.065 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

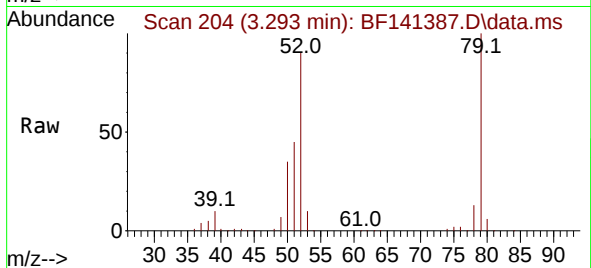
Tgt Ion: 88 Resp: 111945
Ion Ratio Lower Upper
88 100
58 89.1 70.2 105.4
43 36.3 27.6 41.4





#3
Pyridine
Concen: 39.194 ng
RT: 3.293 min Scan# 204
Delta R.T. 0.065 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

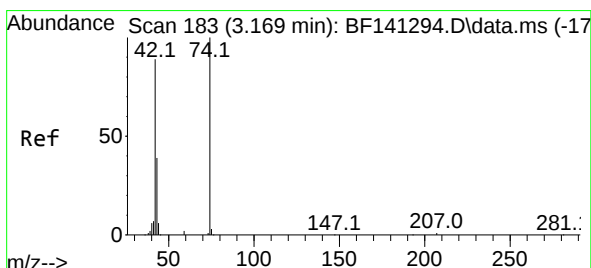
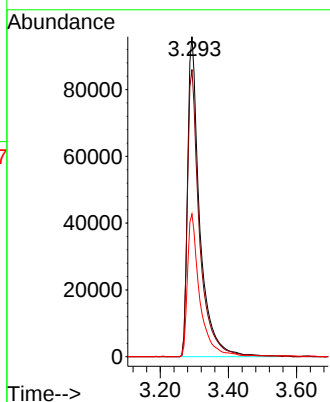
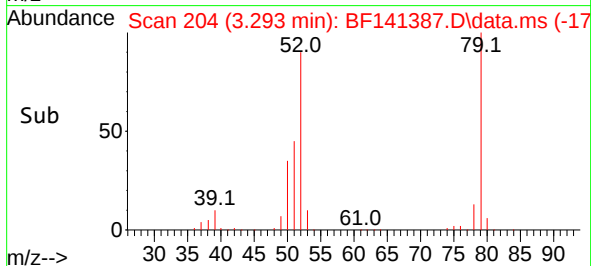
Instrument :
BNA_F
ClientSampleId :
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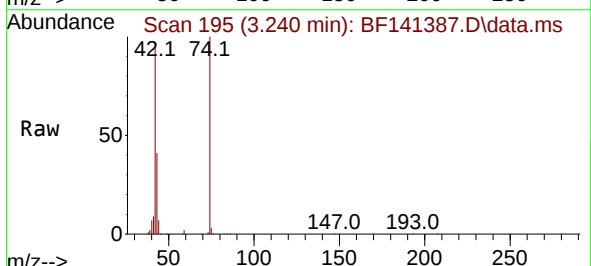
Tgt Ion: 79 Resp: 235329
Ion Ratio Lower Upper
79 100
52 89.7 70.3 105.5
51 44.6 34.3 51.5

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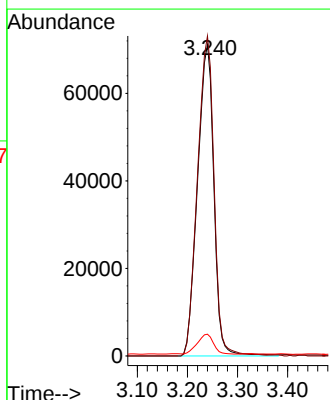
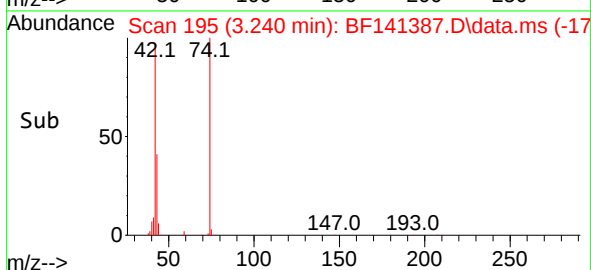
Reviewed By :Jagrut Upadhyay 02/04/2025
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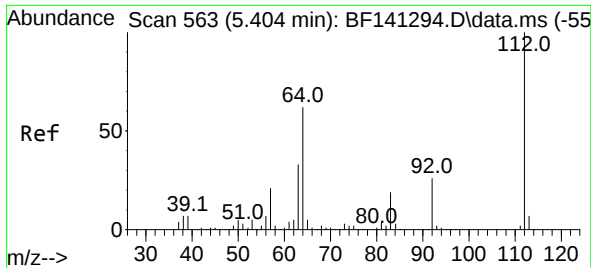


#4
n-Nitrosodimethylamine
Concen: 47.063 ng
RT: 3.240 min Scan# 195
Delta R.T. 0.041 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30



Tgt Ion: 42 Resp: 161423
Ion Ratio Lower Upper
42 100
74 102.7 90.3 135.5
44 7.0 5.7 8.5





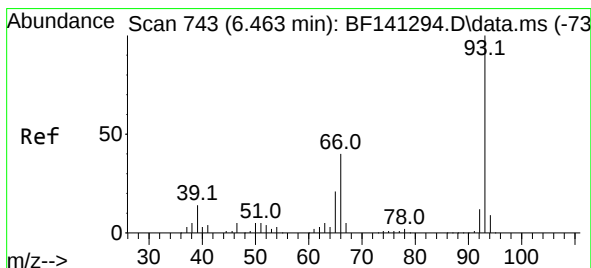
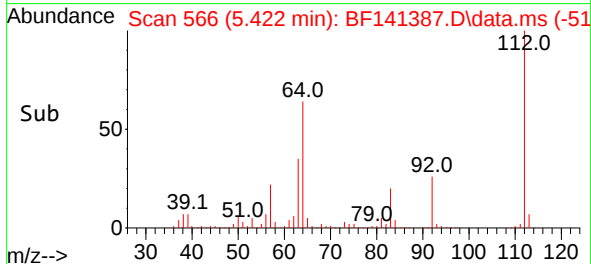
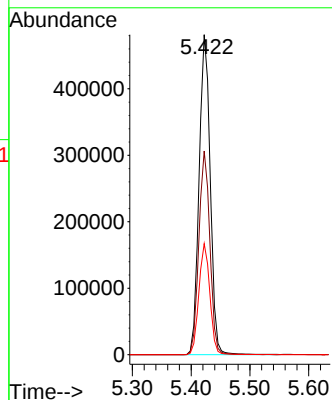
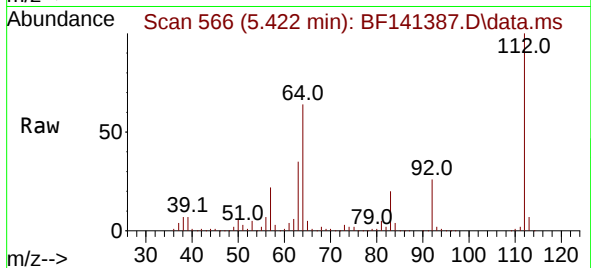
#5
2-Fluorophenol
Concen: 111.953 ng
RT: 5.422 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

Instrument :
BNA_F
ClientSampleId :
RBR200030MS

Tgt Ion:112 Resp: 634352
Ion Ratio Lower Upper
112 100
64 63.7 49.8 74.8
63 34.7 26.1 39.1

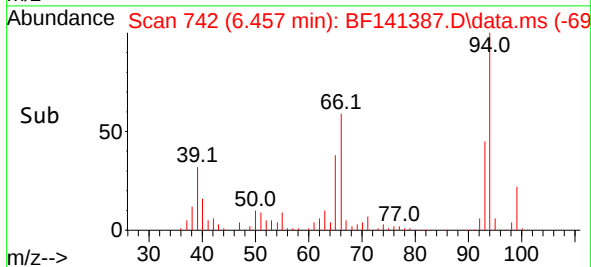
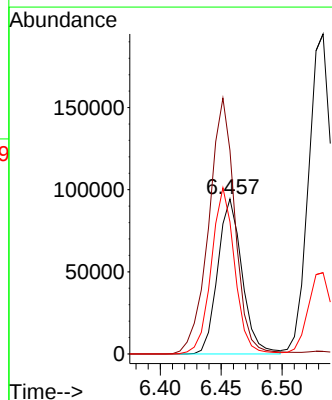
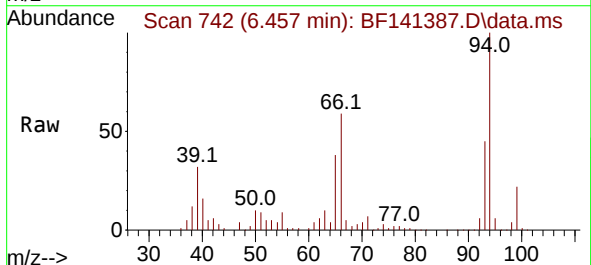
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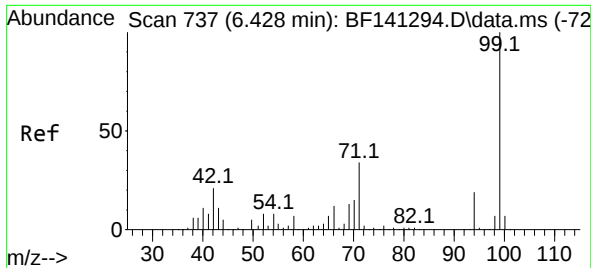
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#6
Aniline
Concen: 21.549 ng
RT: 6.457 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

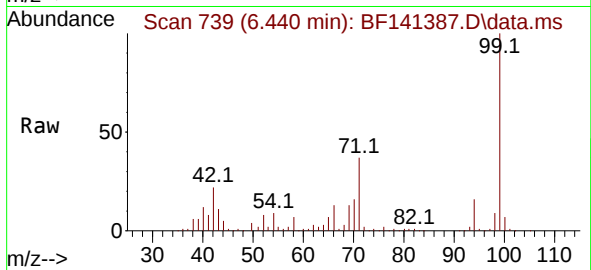
Tgt Ion: 93 Resp: 131481
Ion Ratio Lower Upper
93 100
66 131.3 32.5 48.7#
65 85.1 17.0 25.6#





#7
Phenol-d6
Concen: 109.793 ng
RT: 6.440 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

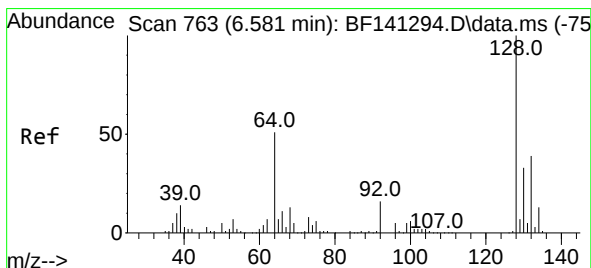
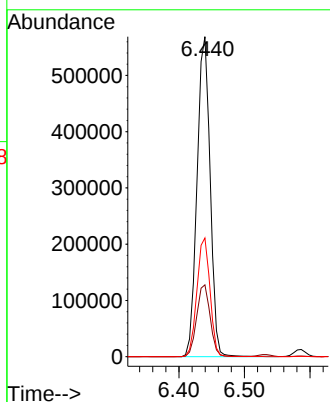
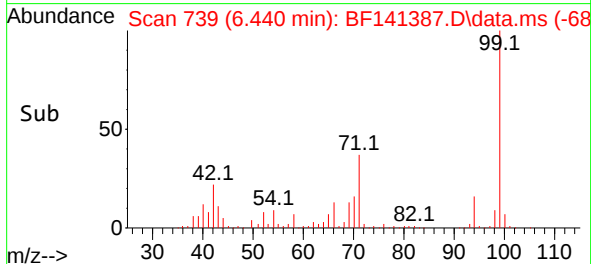
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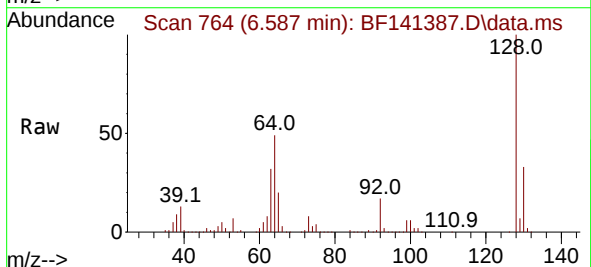
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Ion Ratio Lower Upper
99 100
42 22.5 17.1 25.7
71 37.1 26.9 40.3

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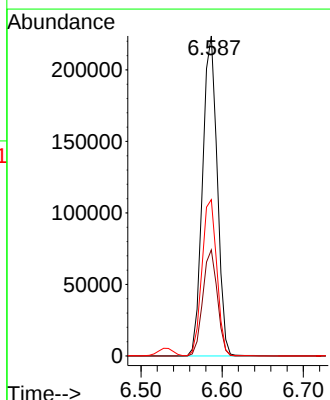
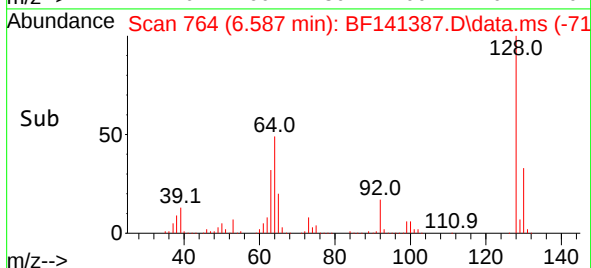
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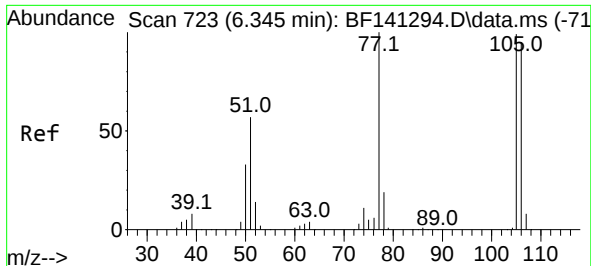


#8
2-Chlorophenol
Concen: 46.146 ng
RT: 6.587 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30



Tgt Ion:128 Resp: 280254
Ion Ratio Lower Upper
128 100
130 33.1 12.5 52.5
64 48.8 32.9 72.9





#9

Benzaldehyde

Concen: 50.587 ng

RT: 6.345 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF141387.D

Acq: 03 Feb 2025 23:30

Instrument :

BNA_F

ClientSampleId :

RBR200030MS

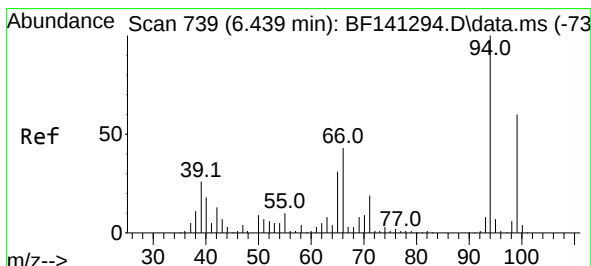
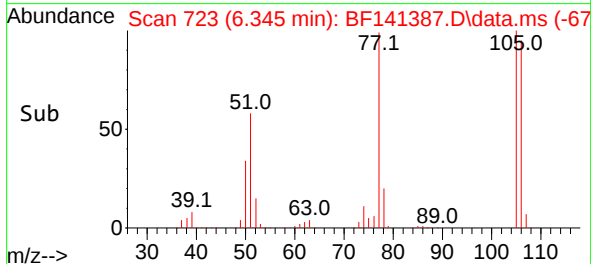
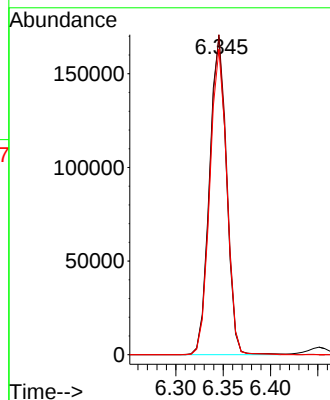
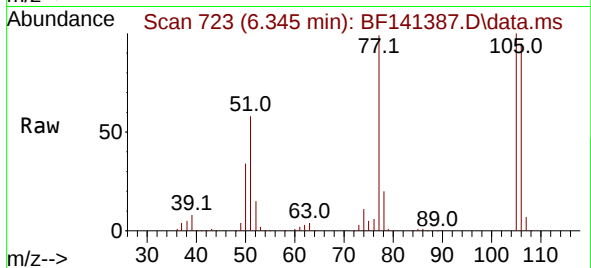
Tgt Ion: 77 Resp: 21121

Ion	Ratio	Lower	Upper
77	100		
105	100.8	79.4	119.4
106	96.2	74.6	114.6

Manual Integrations

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#10

Phenol

Concen: 44.136 ng

RT: 6.451 min Scan# 741

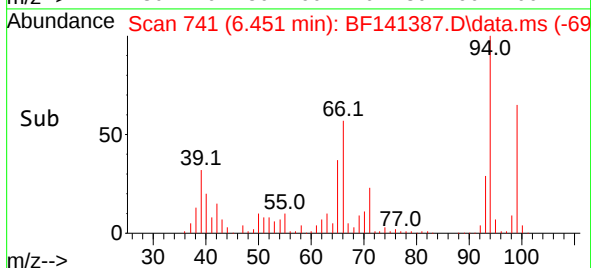
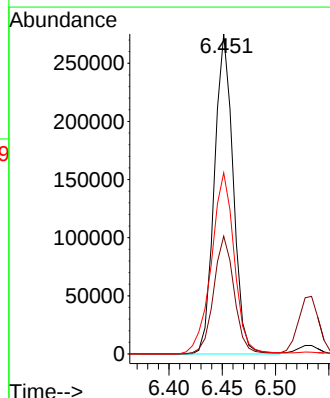
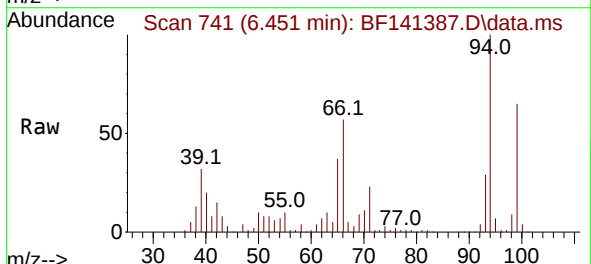
Delta R.T. -0.000 min

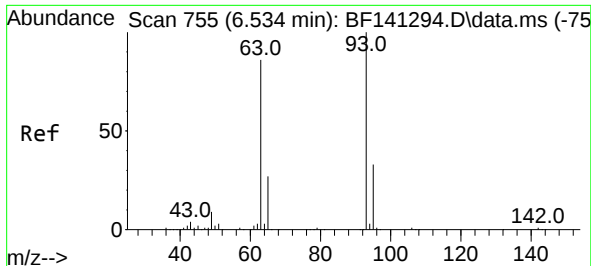
Lab File: BF141387.D

Acq: 03 Feb 2025 23:30

Tgt Ion: 94 Resp: 337241

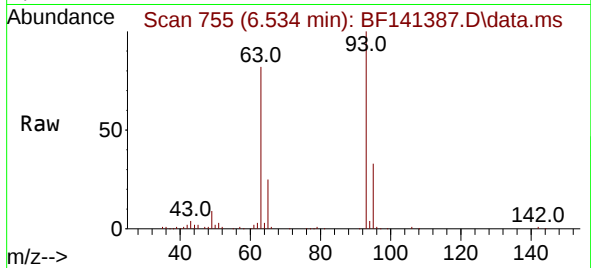
Ion	Ratio	Lower	Upper
94	100		
65	36.8	10.8	50.8
66	56.6	23.3	63.3





#11
bis(2-Chloroethyl)ether
Concen: 44.310 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

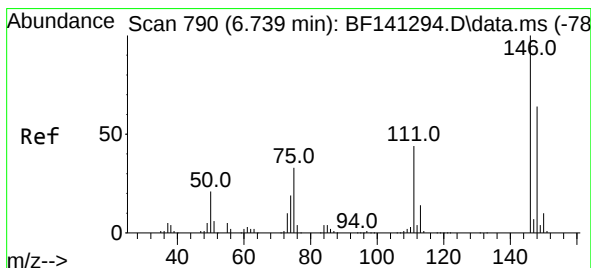
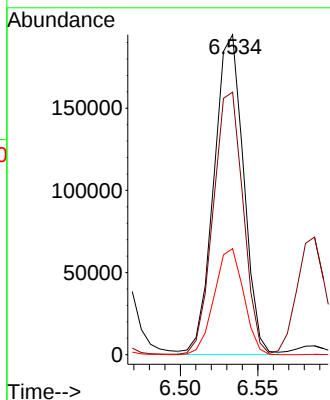
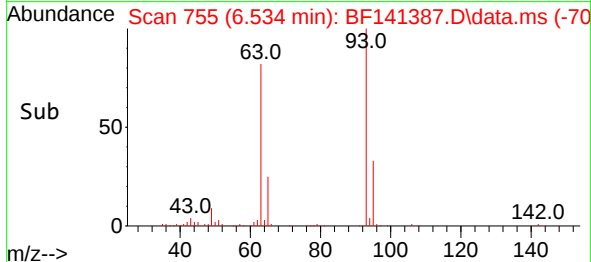
Instrument :
BNA_F
ClientSampleId :
RBR200030MS



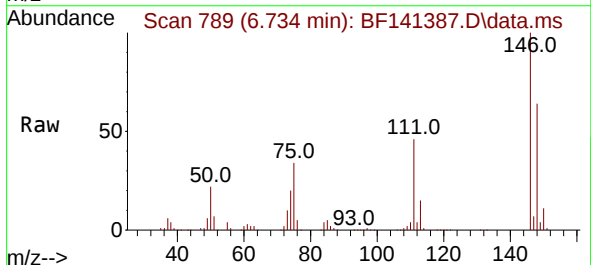
Tgt Ion: 93 Resp: 25959
Ion Ratio Lower Upper
93 100
63 82.0 65.0 105.0
95 33.1 12.4 52.4

Manual Integrations
APPROVED

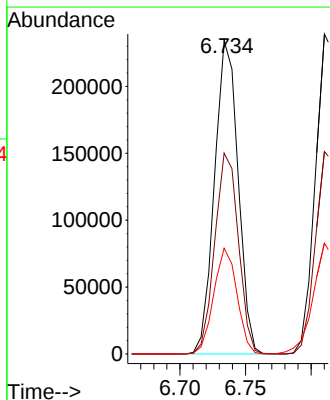
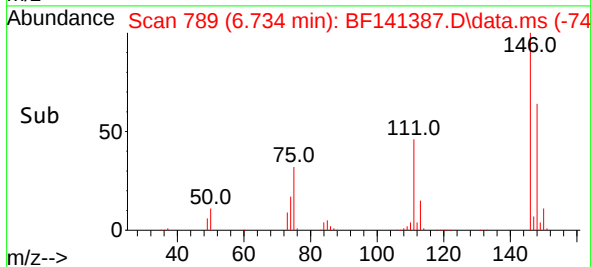
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025

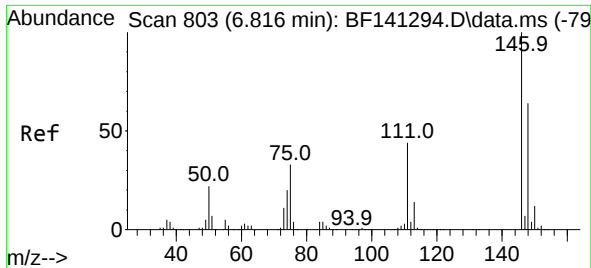


#12
1,3-Dichlorobenzene
Concen: 43.731 ng
RT: 6.734 min Scan# 789
Delta R.T. -0.012 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30



Tgt Ion:146 Resp: 292838
Ion Ratio Lower Upper
146 100
148 64.1 51.2 76.8
75 33.7 26.2 39.4





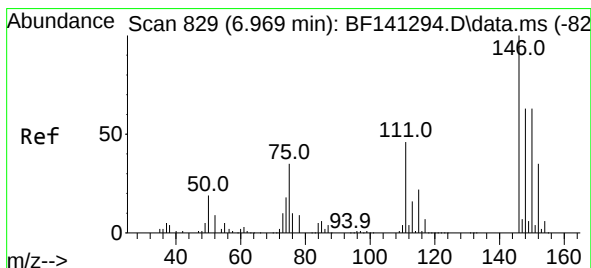
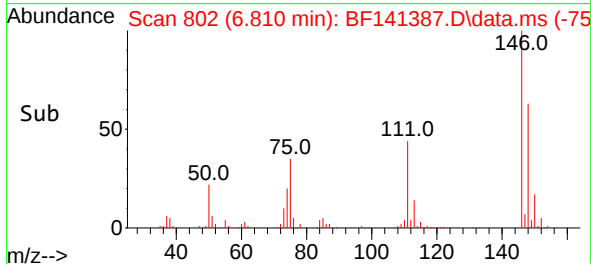
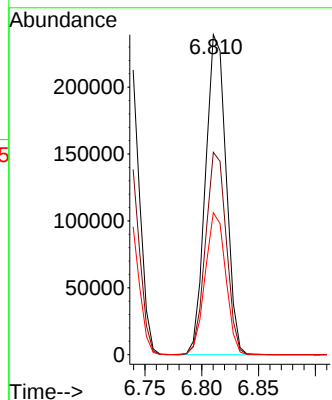
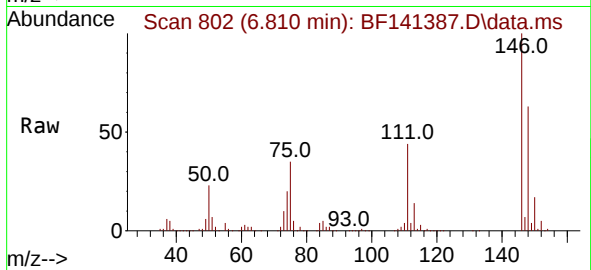
#13
1,4-Dichlorobenzene
Concen: 44.798 ng
RT: 6.810 min Scan# 803
Delta R.T. -0.012 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

Instrument :
BNA_F
ClientSampleId :
RBR200030MS

Tgt Ion:146 Resp: 301360
Ion Ratio Lower Upper
146 100
148 63.3 51.2 76.8
111 44.3 35.0 52.4

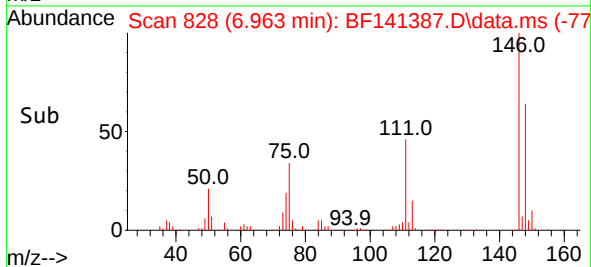
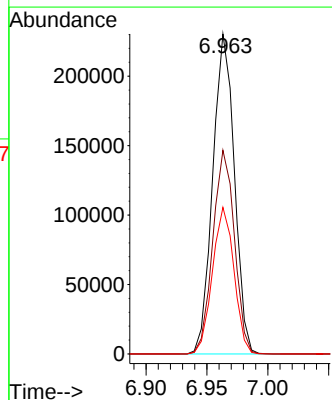
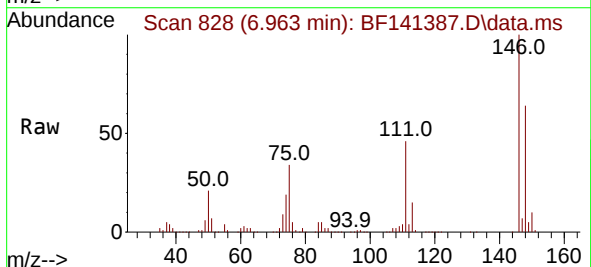
Manual Integrations
APPROVED

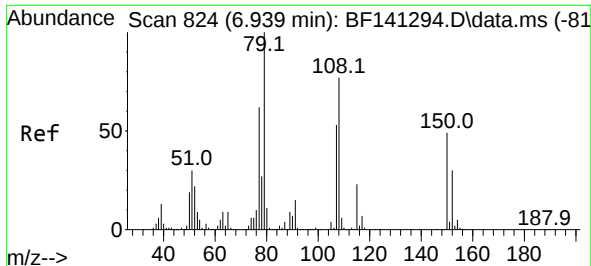
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#14
1,2-Dichlorobenzene
Concen: 45.143 ng
RT: 6.963 min Scan# 828
Delta R.T. -0.012 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

Tgt Ion:146 Resp: 284363
Ion Ratio Lower Upper
146 100
148 63.7 50.5 75.7
111 45.8 36.6 55.0





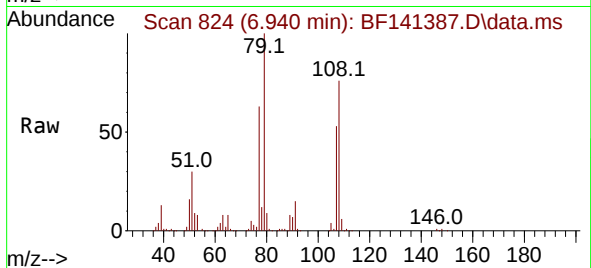
#15
Benzyl Alcohol
Concen: 50.127 ng
RT: 6.940 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

Instrument :

BNA_F

ClientSampleId :

RBR200030MS

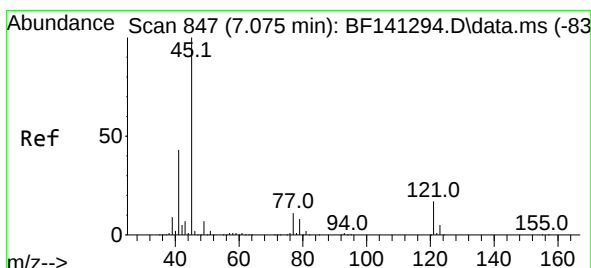
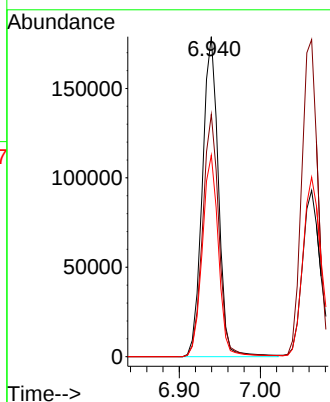
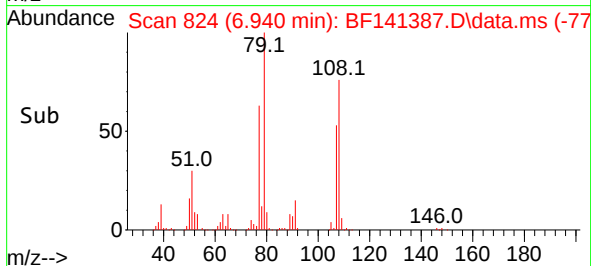


Tgt Ion: 79 Resp: 246928
Ion Ratio Lower Upper
79 100
108 75.7 61.4 92.0
77 63.0 49.9 74.9

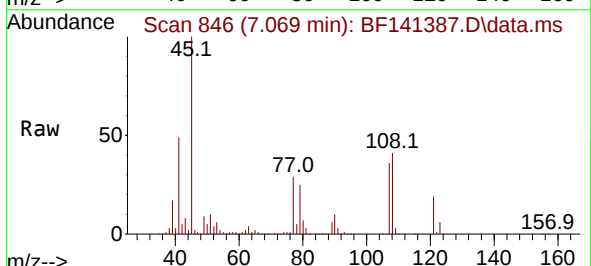
Manual Integrations

APPROVED

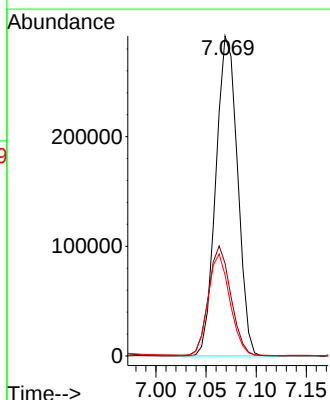
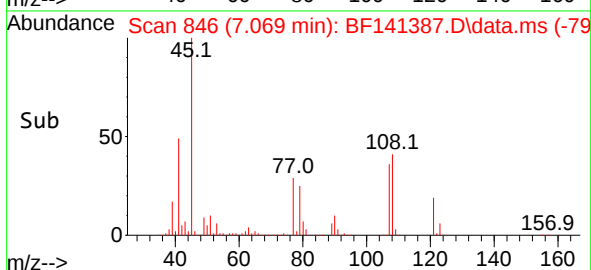
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025

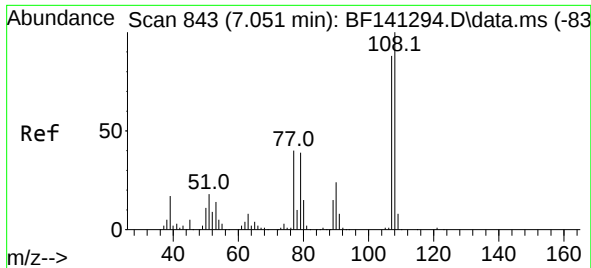


#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.041 ng
RT: 7.069 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30



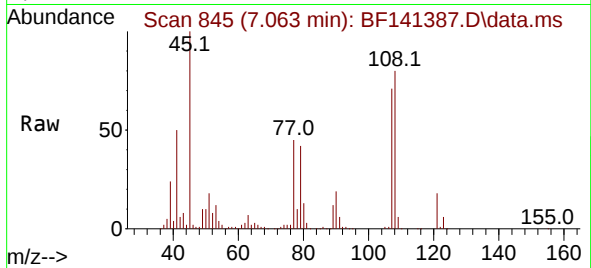
Tgt Ion: 45 Resp: 438487
Ion Ratio Lower Upper
45 100
77 28.9 0.0 31.8
79 25.3 0.0 29.1





#17
2-Methylphenol
Concen: 43.917 ng
RT: 7.063 min Scan# 843
Delta R.T. 0.006 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

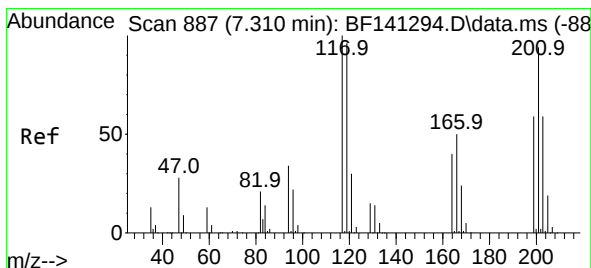
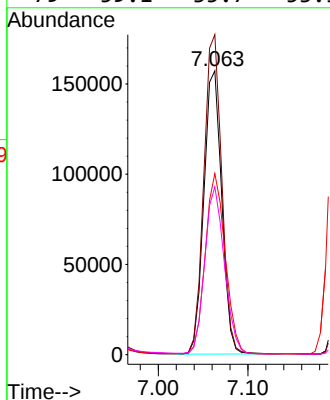
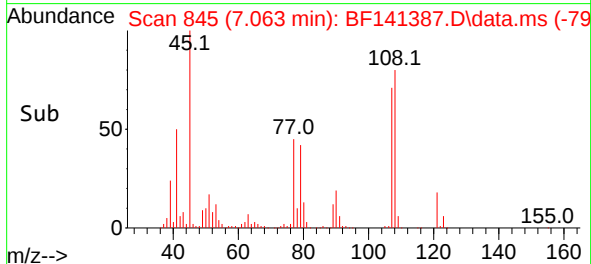
Instrument :
BNA_F
ClientSampleId :
RBR200030MS



Tgt Ion:107 Resp: 216772
Ion Ratio Lower Upper
107 100
108 112.7 90.8 136.2
77 63.8 36.2 54.4
79 59.1 35.7 53.5#

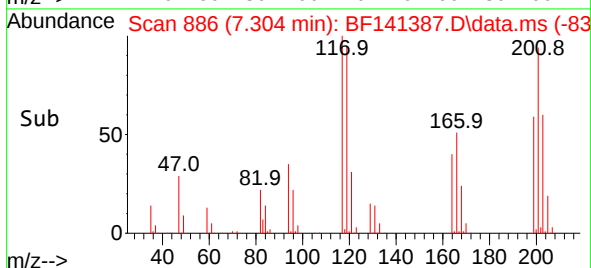
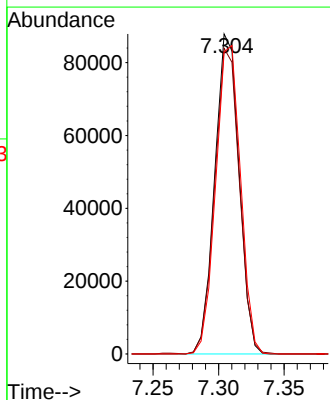
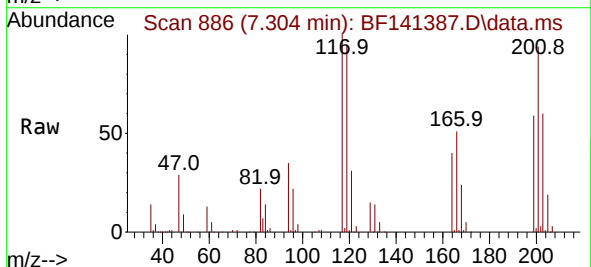
Manual Integrations
APPROVED

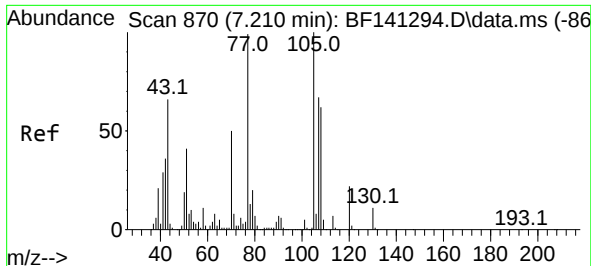
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#18
Hexachloroethane
Concen: 45.685 ng
RT: 7.304 min Scan# 886
Delta R.T. -0.012 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

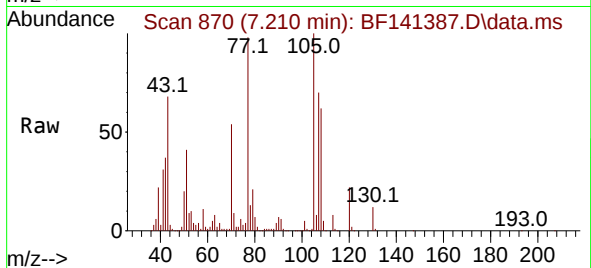
Tgt Ion:117 Resp: 113376
Ion Ratio Lower Upper
117 100
119 95.5 76.6 114.8
201 94.3 74.8 112.2





#19
n-Nitroso-di-n-propylamine
Concen: 45.664 ng
RT: 7.210 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

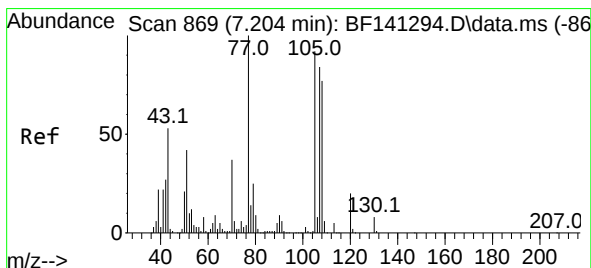
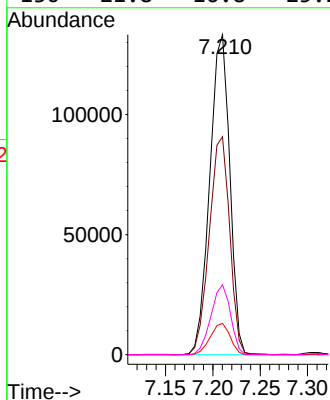
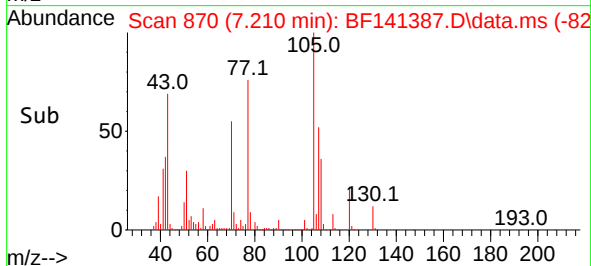
Instrument :
BNA_F
ClientSampleId :
RBR200030MS



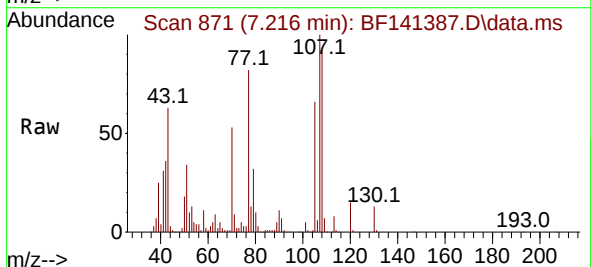
Tgt Ion: 70 Resp: 19558
Ion Ratio Lower Upper
70 100
42 68.1 56.8 85.2
101 9.8 7.7 11.5
130 21.8 16.8 25.2

Manual Integrations
APPROVED

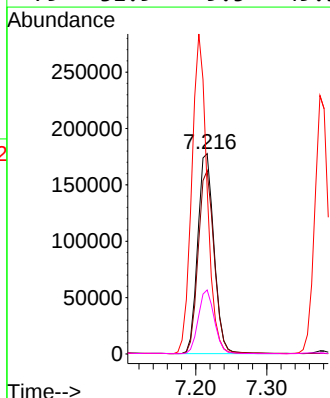
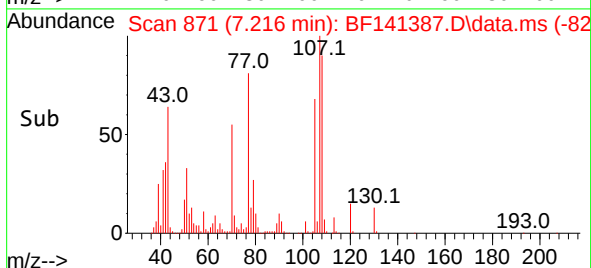
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025

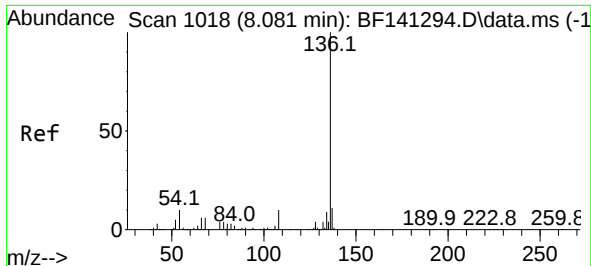


#20
3+4-Methylphenols
Concen: 46.653 ng
RT: 7.216 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30



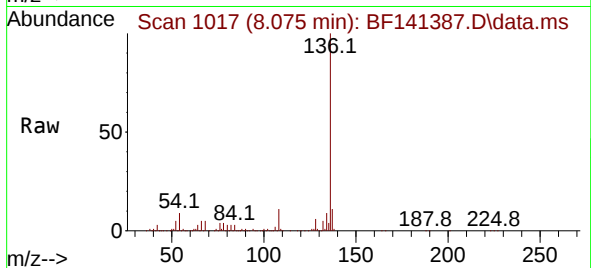
Tgt Ion:107 Resp: 282742
Ion Ratio Lower Upper
107 100
108 91.6 70.9 110.9
77 82.4 98.5 138.5#
79 31.9 9.5 49.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

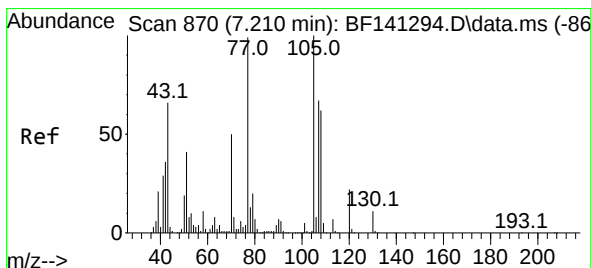
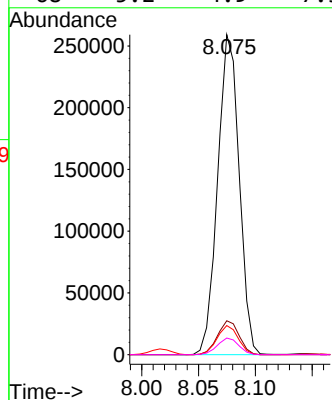
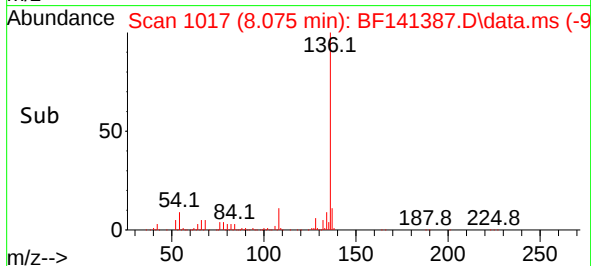
Instrument :
BNA_F
ClientSampleId :
RBR200030MS



Tgt Ion:136 Resp: 34169
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 9.1 7.8 11.8
68 5.2 4.9 7.3

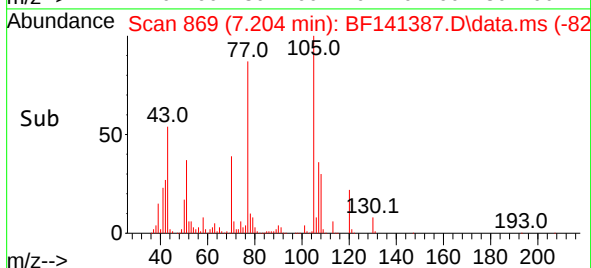
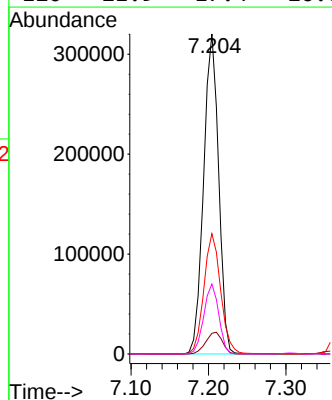
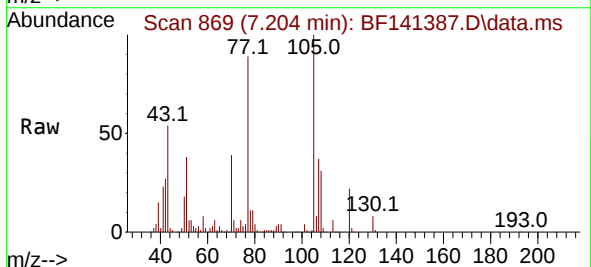
Manual Integrations
APPROVED

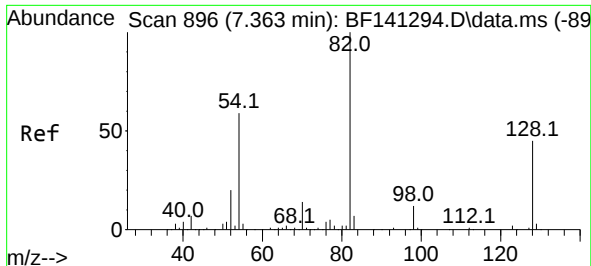
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#22
Acetophenone
Concen: 53.153 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

Tgt Ion:105 Resp: 431712
Ion Ratio Lower Upper
105 100
71 6.4 6.8 10.2#
51 37.6 32.6 49.0
120 21.9 17.4 26.0





#23

Nitrobenzene-d5

Concen: 78.808 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF141387.D

Acq: 03 Feb 2025 23:30

Instrument :

BNA_F

ClientSampleId :

RBR200030MS

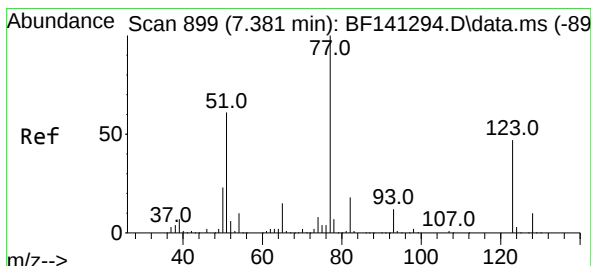
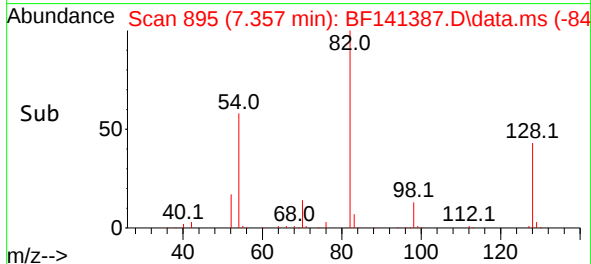
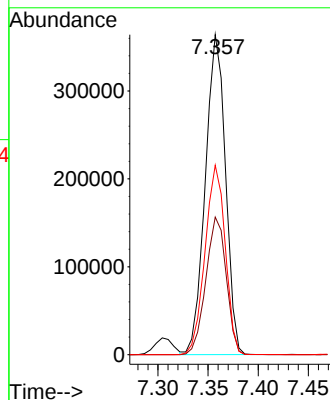
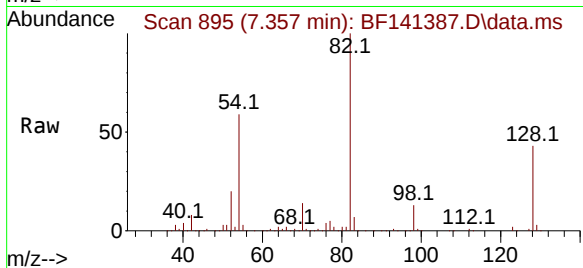
Tgt Ion: 82 Resp: 51081

Ion	Ratio	Lower	Upper
82	100		
128	43.0	35.7	53.5
54	59.2	47.1	70.7

Manual Integrations

APPROVED

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



#24

Nitrobenzene

Concen: 44.104 ng

RT: 7.375 min Scan# 898

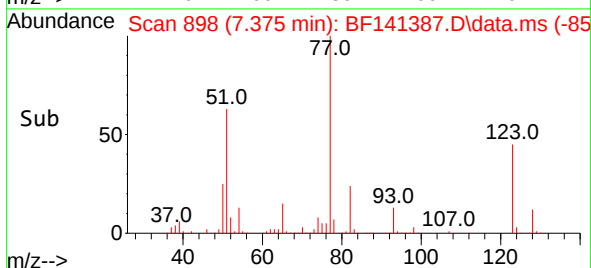
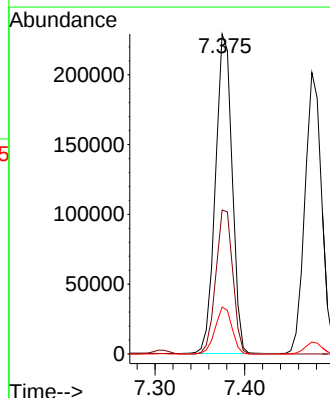
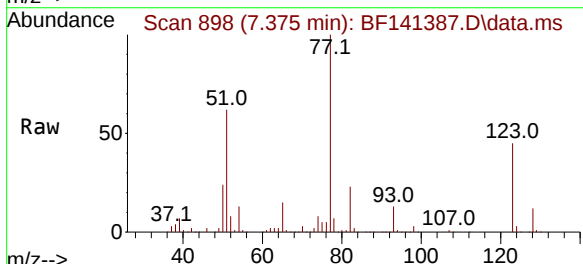
Delta R.T. -0.018 min

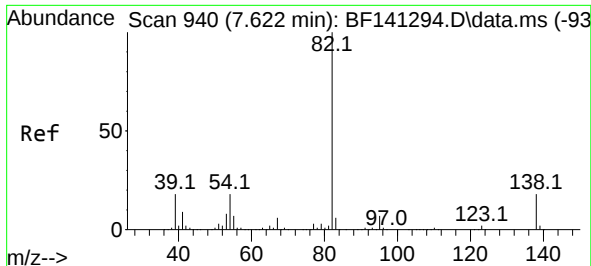
Lab File: BF141387.D

Acq: 03 Feb 2025 23:30

Tgt Ion: 77 Resp: 296247

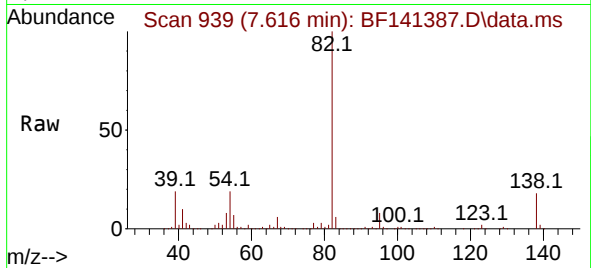
Ion	Ratio	Lower	Upper
77	100		
123	45.0	37.3	55.9
65	14.7	11.8	17.6





#25
Isophorone
Concen: 46.248 ng
RT: 7.616 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

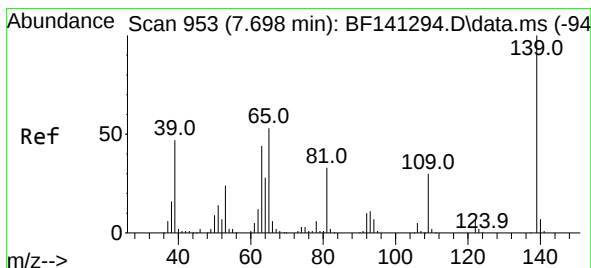
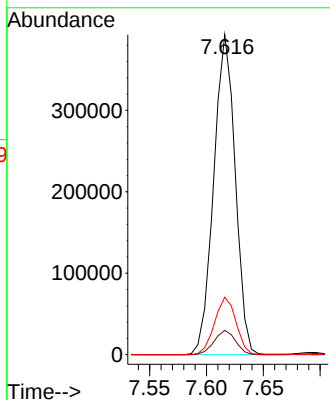
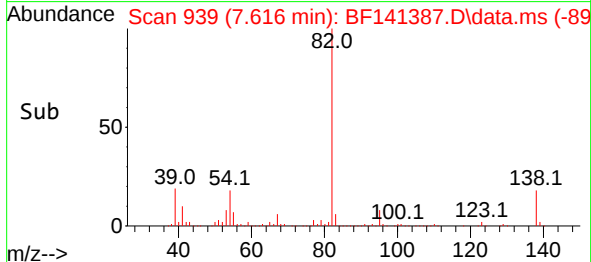
Instrument :
BNA_F
ClientSampleId :
RBR200030MS



Tgt Ion: 82 Resp: 518170
Ion Ratio Lower Upper
82 100
95 7.6 5.8 8.6
138 17.9 14.7 22.1

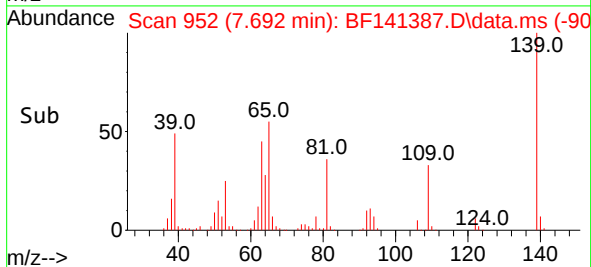
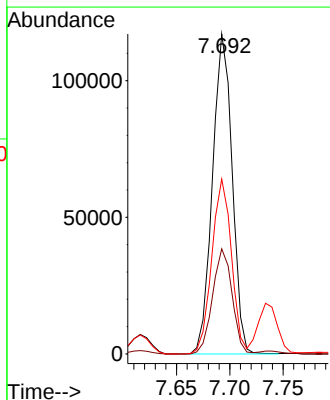
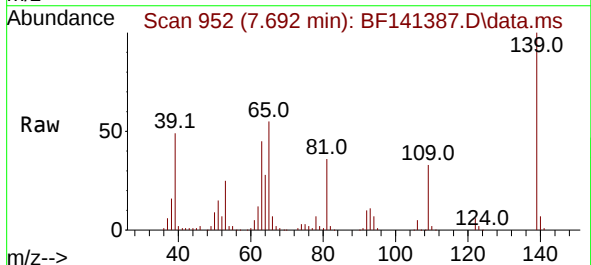
Manual Integrations
APPROVED

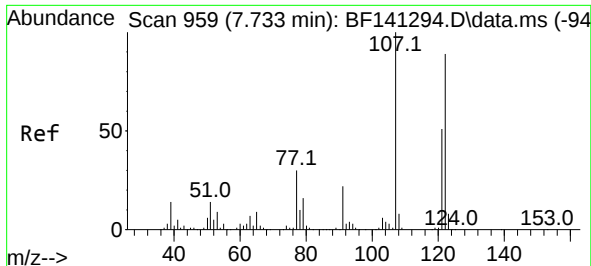
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#26
2-Nitrophenol
Concen: 47.434 ng
RT: 7.692 min Scan# 952
Delta R.T. -0.012 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

Tgt Ion:139 Resp: 150266
Ion Ratio Lower Upper
139 100
109 32.8 23.8 35.6
65 54.7 42.2 63.4





#27

2,4-Dimethylphenol

Concen: 57.681 ng m

RT: 7.734 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF141387.D

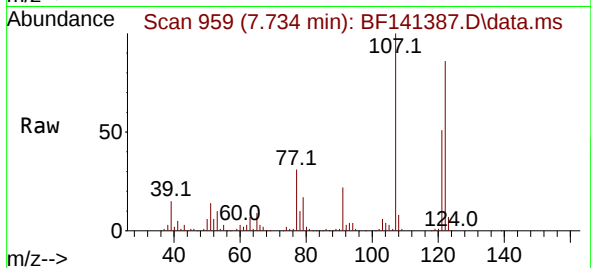
Acq: 03 Feb 2025 23:30

Instrument :

BNA_F

ClientSampleId :

RBR200030MS



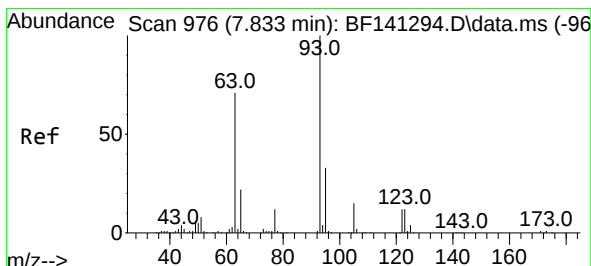
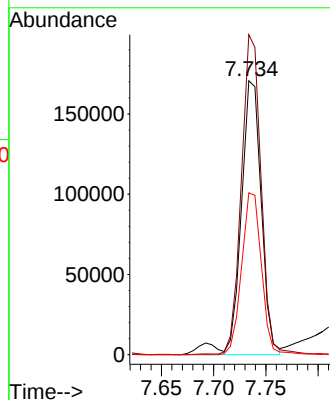
Tgt Ion:122 Resp: 23257

Ion	Ratio	Lower	Upper
122	100		
107	116.8	89.9	134.9
121	59.1	46.1	69.1

Manual Integrations

APPROVED

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



#28

bis(2-Chloroethoxy)methane

Concen: 44.140 ng

RT: 7.828 min Scan# 975

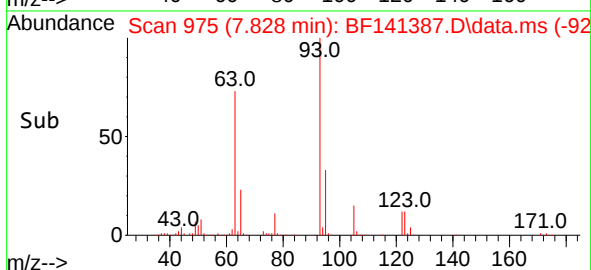
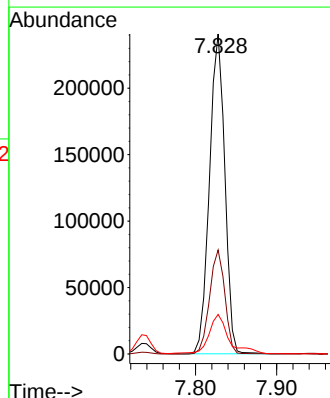
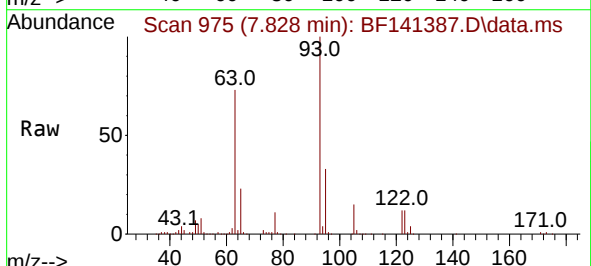
Delta R.T. -0.012 min

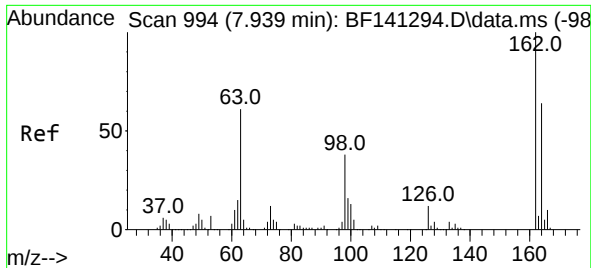
Lab File: BF141387.D

Acq: 03 Feb 2025 23:30

Tgt Ion: 93 Resp: 315461

Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.2	39.2
123	12.4	10.2	15.4





#29

2,4-Dichlorophenol

Concen: 46.564 ng

RT: 7.945 min Scan# 994

Delta R.T. -0.000 min

Lab File: BF141387.D

Acq: 03 Feb 2025 23:30

Instrument :

BNA_F

ClientSampleId :

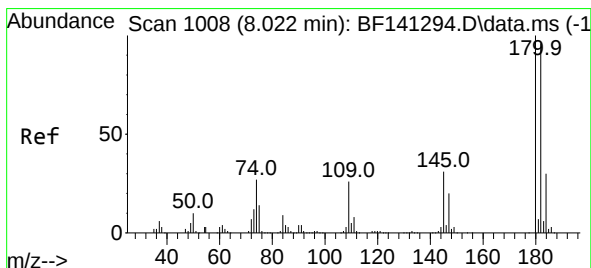
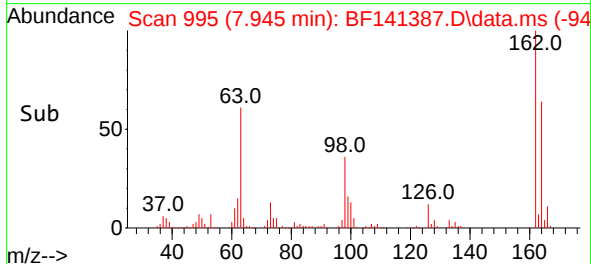
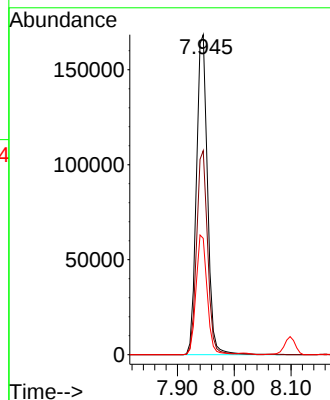
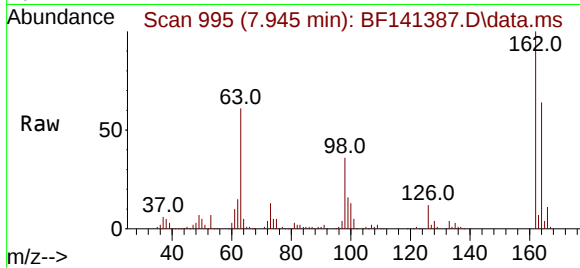
RBR200030MS

Tgt Ion:162	Resp: 22985
Ion Ratio	Lower Upper
162 100	
164 63.7	44.2 84.2
98 36.3	18.2 58.2

Manual Integrations

APPROVED

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



#30

1,2,4-Trichlorobenzene

Concen: 43.856 ng

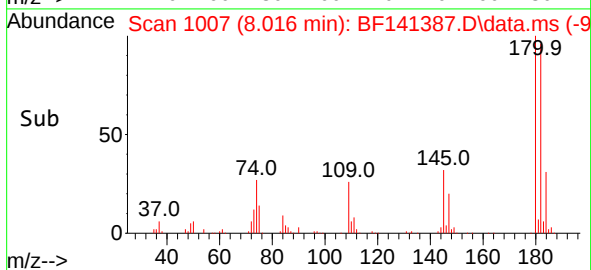
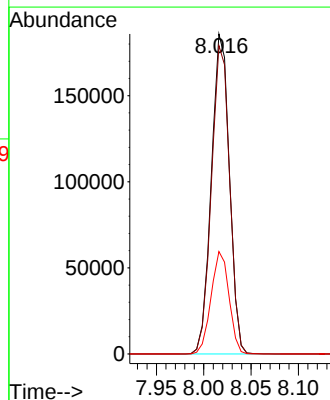
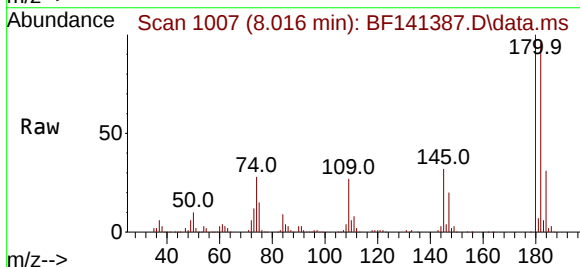
RT: 8.016 min Scan# 1007

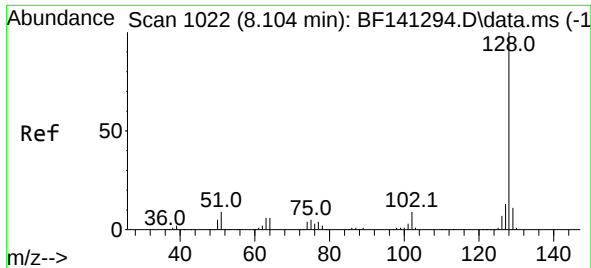
Delta R.T. -0.012 min

Lab File: BF141387.D

Acq: 03 Feb 2025 23:30

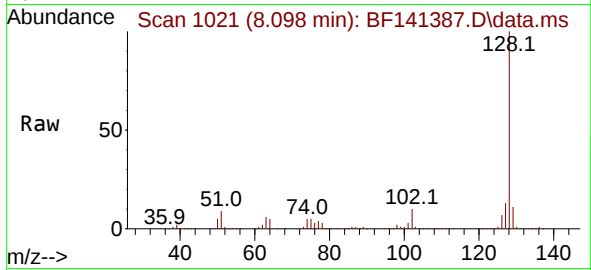
Tgt Ion:180	Resp: 247233
Ion Ratio	Lower Upper
180 100	
182 96.3	76.4 114.6
145 32.0	24.9 37.3





#31
Naphthalene
Concen: 45.173 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

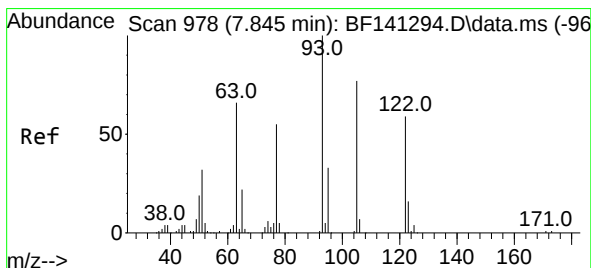
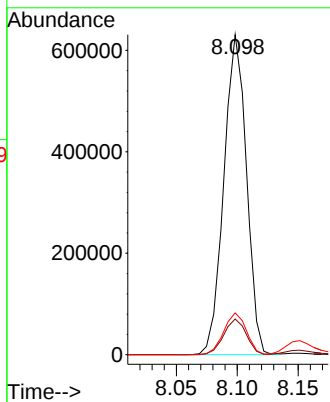
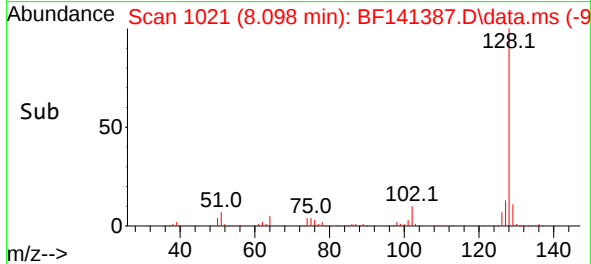
Instrument :
BNA_F
ClientSampleId :
RBR200030MS



Tgt Ion:128 Resp: 815414
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.1 10.6 15.8

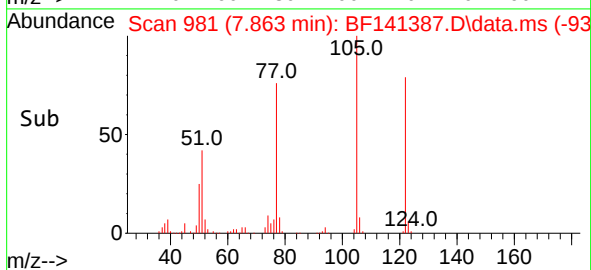
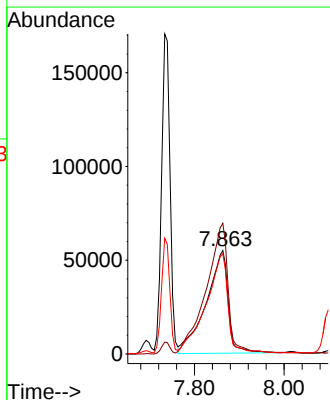
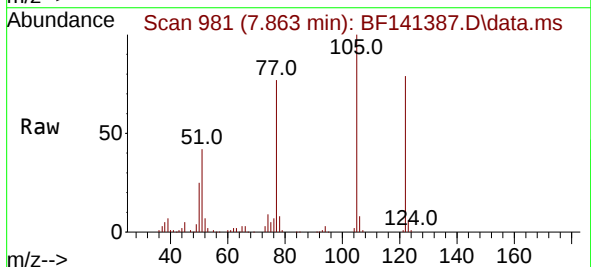
Manual Integrations
APPROVED

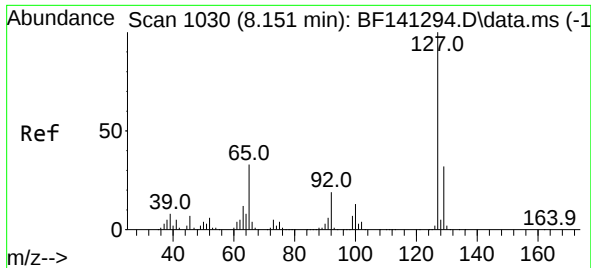
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#32
Benzoic acid
Concen: 50.748 ng
RT: 7.863 min Scan# 981
Delta R.T. -0.018 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

Tgt Ion:122 Resp: 188107
Ion Ratio Lower Upper
122 100
105 126.4 103.4 143.4
77 96.9 70.9 110.9





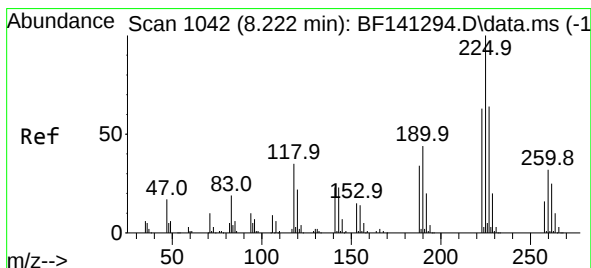
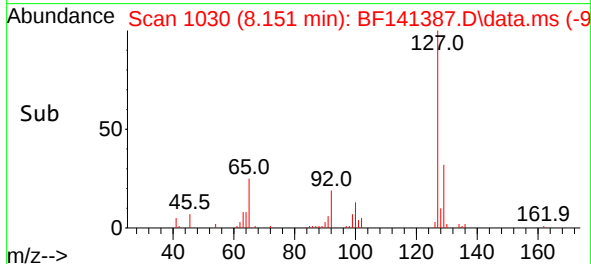
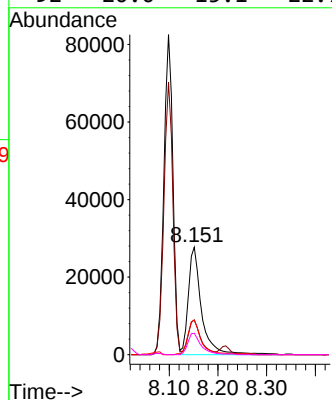
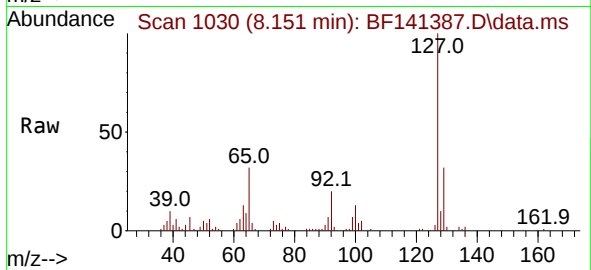
#33
4-Chloroaniline
Concen: 8.583 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

Instrument :
BNA_F
ClientSampleId :
RBR200030MS

Tgt Ion:	127	Resp:	52530
Ion Ratio	Lower	Upper	
127	100		
129	32.3	25.7	38.5
65	32.3	26.4	39.6
92	20.0	15.1	22.7

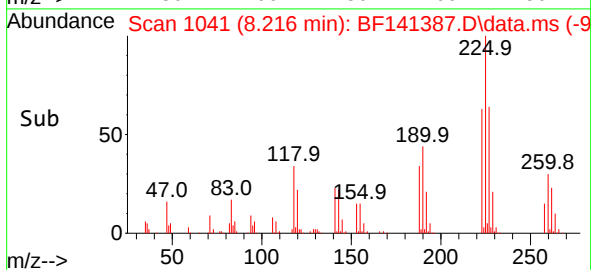
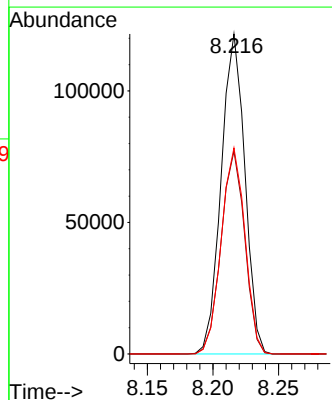
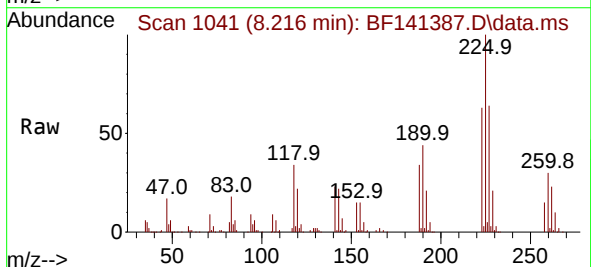
Manual Integrations
APPROVED

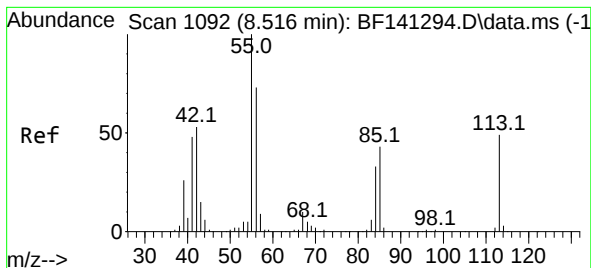
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#34
Hexachlorobutadiene
Concen: 46.173 ng
RT: 8.216 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

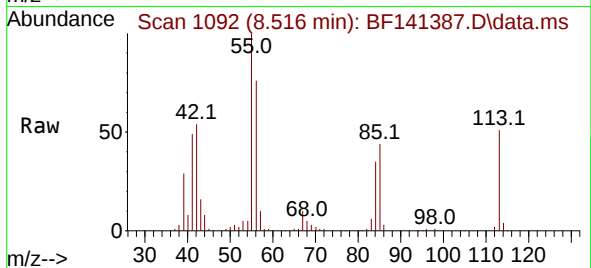
Tgt Ion:	225	Resp:	152646
Ion Ratio	Lower	Upper	
225	100		
223	63.3	50.4	75.6
227	64.4	51.3	76.9





#35
Caprolactam
Concen: 47.199 ng m
RT: 8.516 min Scan# 1109
Delta R.T. -0.029 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

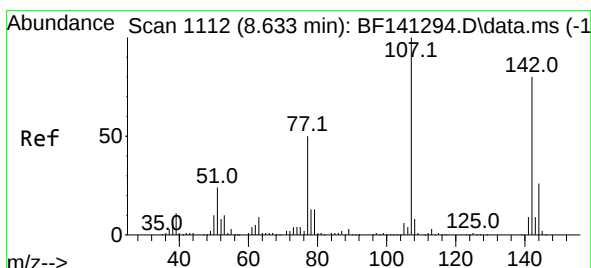
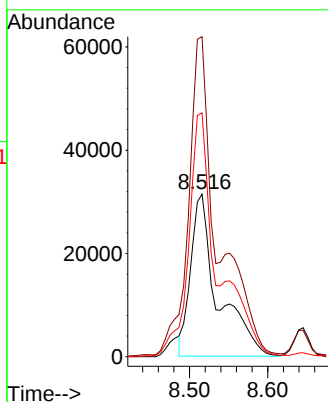
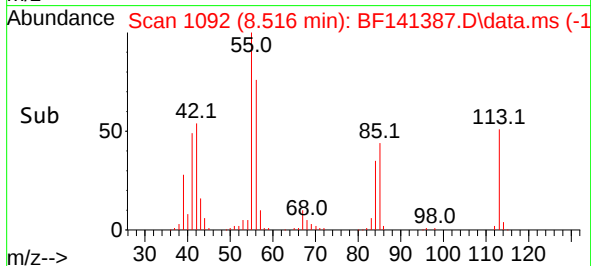
Instrument :
BNA_F
ClientSampleId :
RBR200030MS



Tgt Ion:113 Resp: 7609
Ion Ratio Lower Upper
113 100
55 197.0 182.9 222.9
56 150.1 127.9 167.9

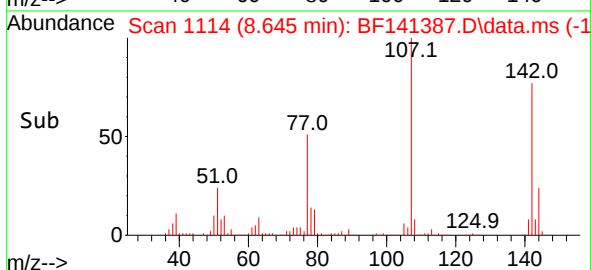
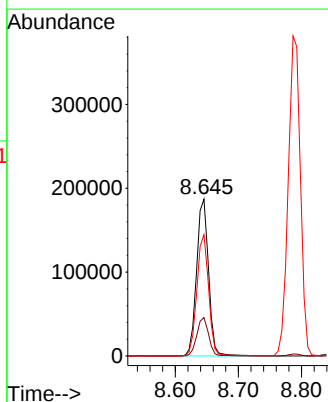
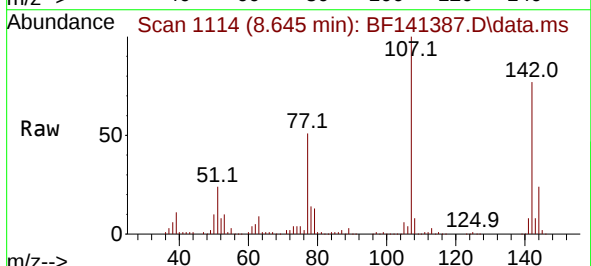
Manual Integrations
APPROVED

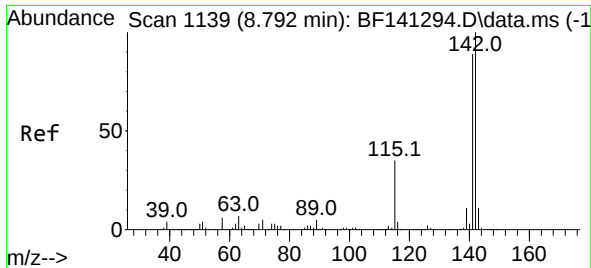
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#36
4-Chloro-3-methylphenol
Concen: 46.468 ng
RT: 8.645 min Scan# 1114
Delta R.T. 0.006 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

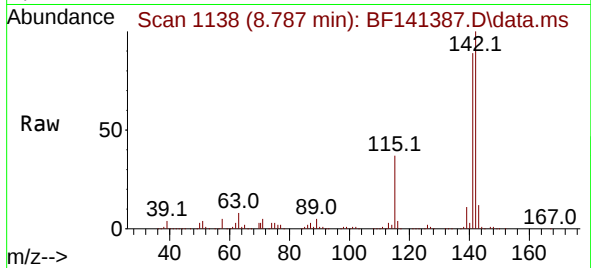
Tgt Ion:107 Resp: 246044
Ion Ratio Lower Upper
107 100
144 24.5 20.7 31.1
142 77.4 63.8 95.8





#37
2-Methylnaphthalene
Concen: 44.300 ng
RT: 8.787 min Scan# 1138
Delta R.T. -0.012 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

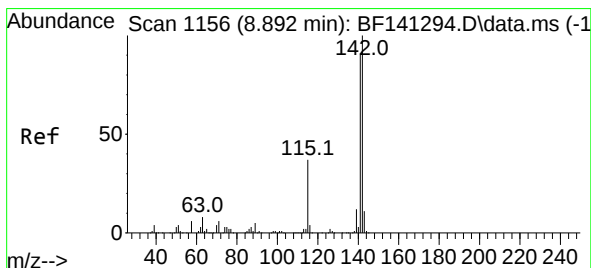
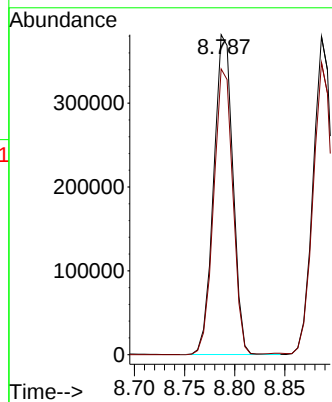
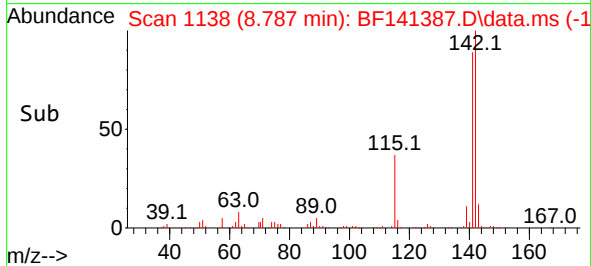
Instrument :
BNA_F
ClientSampleId :
RBR200030MS



Tgt Ion:142 Resp: 508240
Ion Ratio Lower Upper
142 100
141 89.3 71.3 106.9

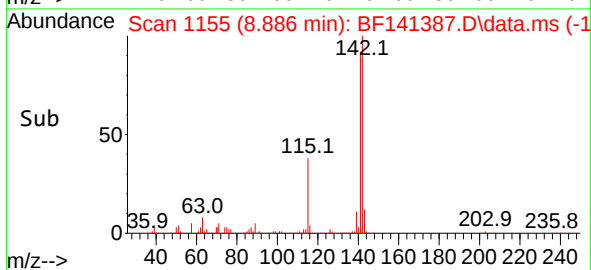
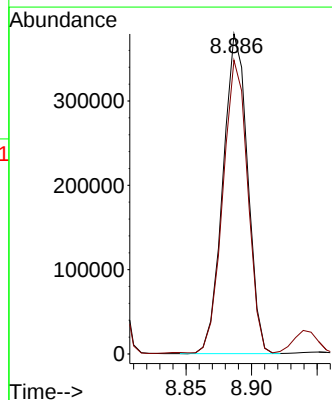
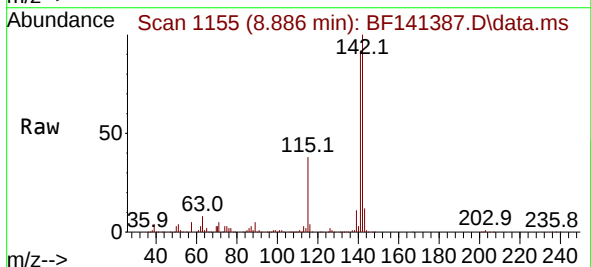
Manual Integrations
APPROVED

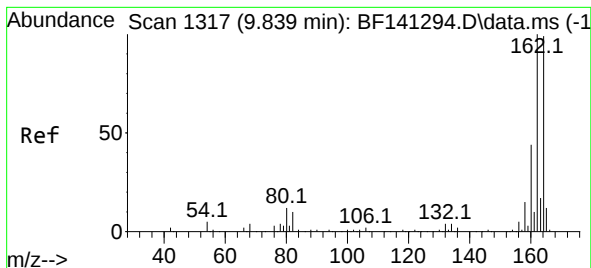
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#38
1-Methylnaphthalene
Concen: 44.032 ng
RT: 8.886 min Scan# 1155
Delta R.T. -0.012 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

Tgt Ion:142 Resp: 496234
Ion Ratio Lower Upper
142 100
141 91.8 73.2 109.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1116

Delta R.T. -0.006 min

Lab File: BF141387.D

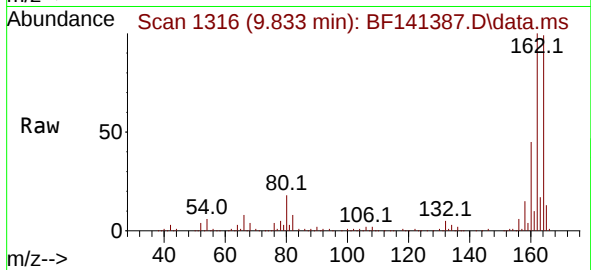
Acq: 03 Feb 2025 23:30

Instrument :

BNA_F

ClientSampleId :

RBR200030MS



Tgt Ion:164 Resp: 181294

Ion Ratio Lower Upper

164 100

162 100.7 80.6 121.0

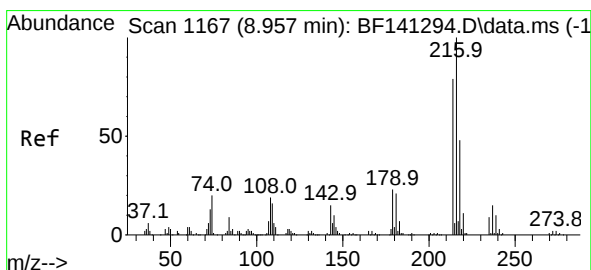
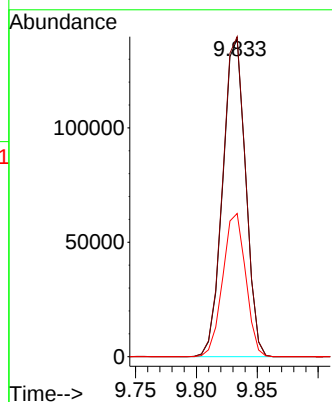
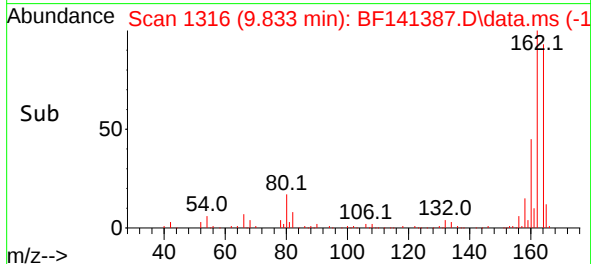
160 45.1 35.8 53.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025

Supervised By :mohammad ahmed 02/06/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 52.493 ng

RT: 8.957 min Scan# 1167

Delta R.T. -0.006 min

Lab File: BF141387.D

Acq: 03 Feb 2025 23:30

Tgt Ion:216 Resp: 270737

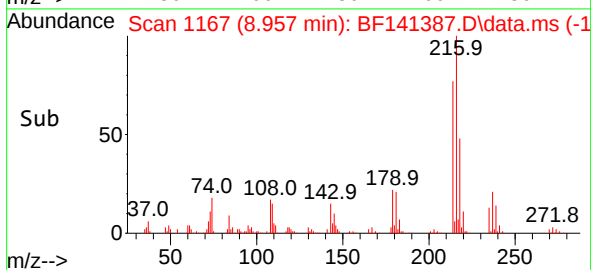
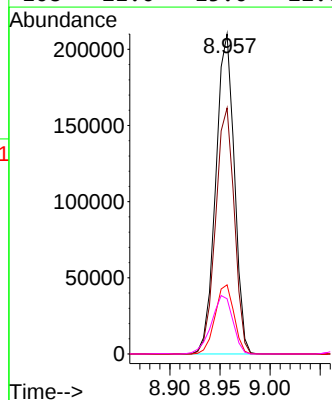
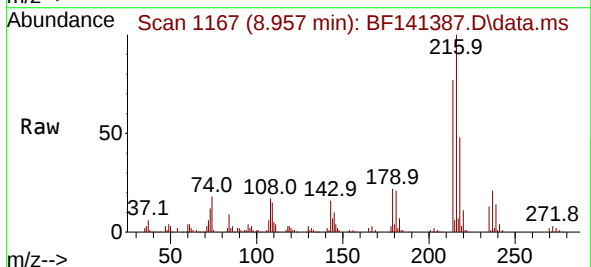
Ion Ratio Lower Upper

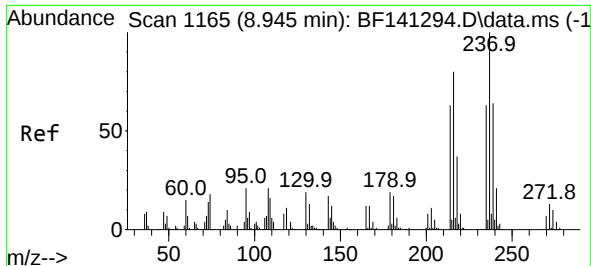
216 100

214 77.1 63.2 94.8

179 21.9 17.8 26.8

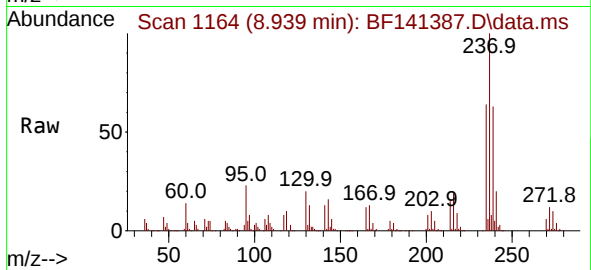
108 21.0 15.0 22.6





#41
Hexachlorocyclopentadiene
Concen: 188.859 ng
RT: 8.939 min Scan# 1164
Delta R.T. -0.012 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

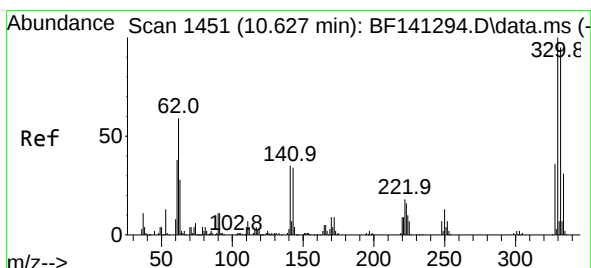
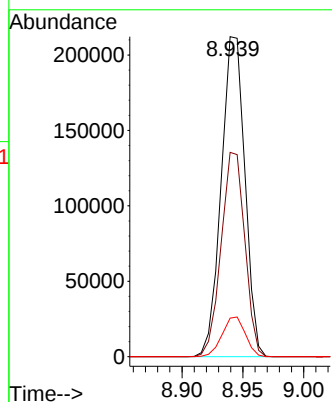
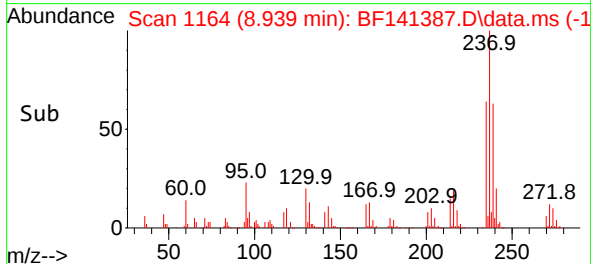
Instrument :
BNA_F
ClientSampleId :
RBR200030MS



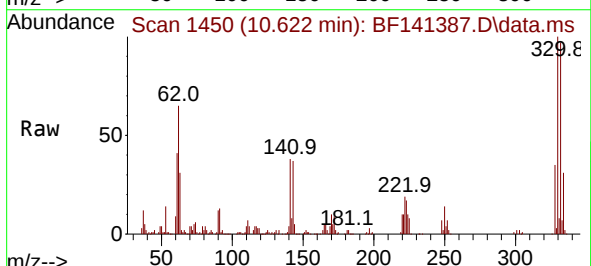
Tgt Ion:237 Resp: 287668
Ion Ratio Lower Upper
237 100
235 63.8 42.9 82.9
272 12.1 0.0 32.8

Manual Integrations
APPROVED

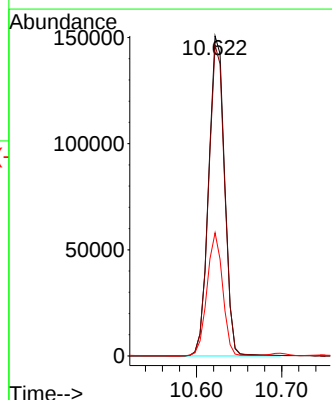
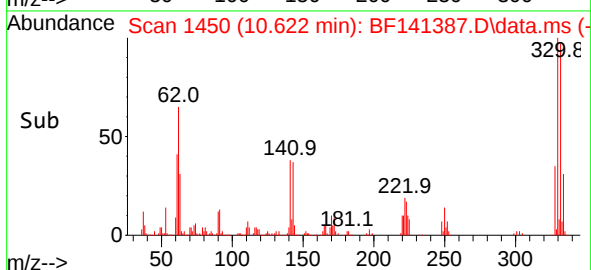
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025

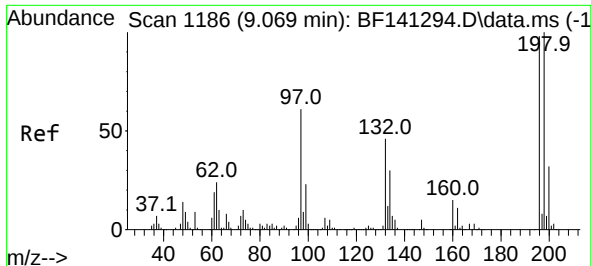


#42
2,4,6-Tribromophenol
Concen: 117.880 ng
RT: 10.622 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30



Tgt Ion:330 Resp: 195923
Ion Ratio Lower Upper
330 100
332 97.7 76.1 114.1
141 37.8 28.8 43.2





#43

2,4,6-Trichlorophenol

Concen: 47.215 ng

RT: 9.069 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BF141387.D

Acq: 03 Feb 2025 23:30

Instrument :

BNA_F

ClientSampleId :

RBR200030MS

Tgt Ion:196 Resp: 159390

Ion Ratio Lower Upper

196 100

198 100.2 81.8 122.6

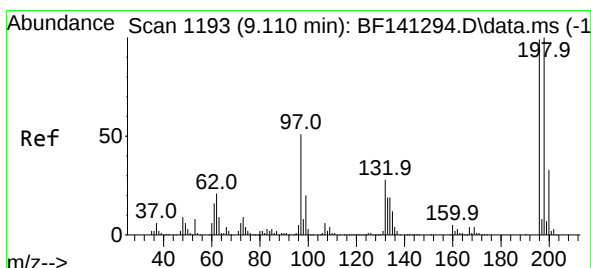
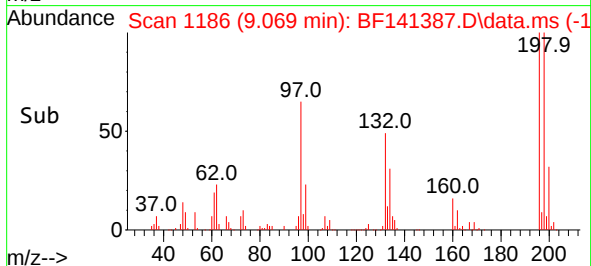
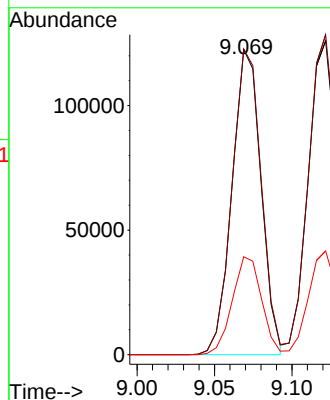
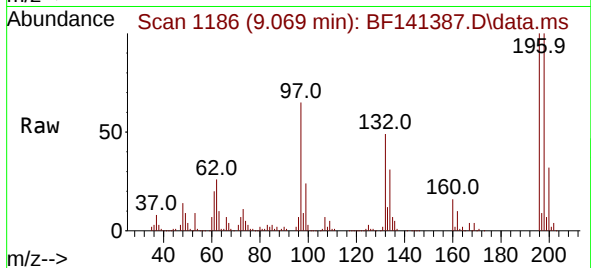
200 32.1 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025

Supervised By :mohammad ahmed 02/06/2025



#44

2,4,5-Trichlorophenol

Concen: 46.401 ng

RT: 9.122 min Scan# 1195

Delta R.T. 0.006 min

Lab File: BF141387.D

Acq: 03 Feb 2025 23:30

Tgt Ion:196 Resp: 170486

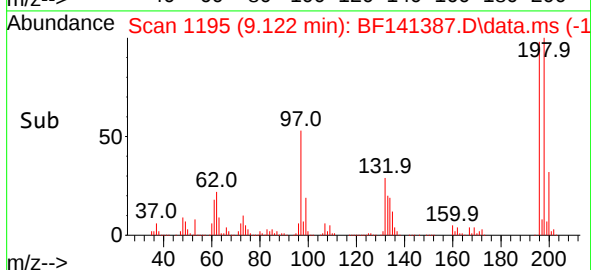
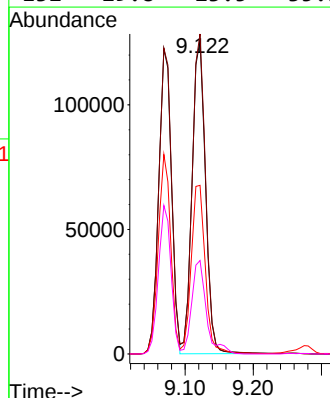
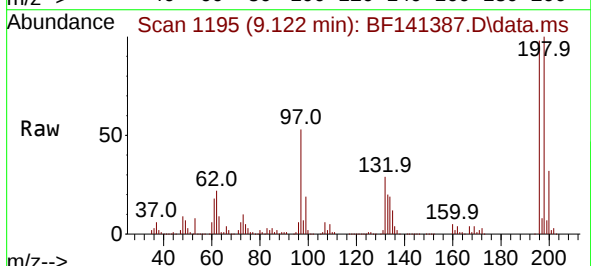
Ion Ratio Lower Upper

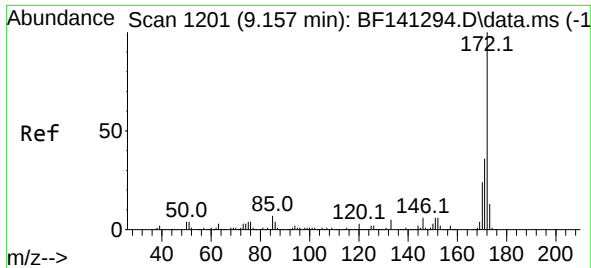
196 100

198 101.9 80.5 120.7

97 53.7 42.8 64.2

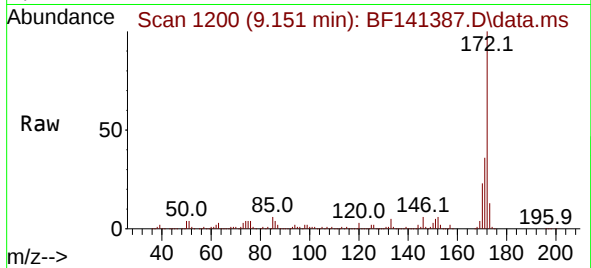
132 29.8 23.5 35.3





#45
2-Fluorobiphenyl
Concen: 76.538 ng
RT: 9.151 min Scan# 1200
Delta R.T. -0.012 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

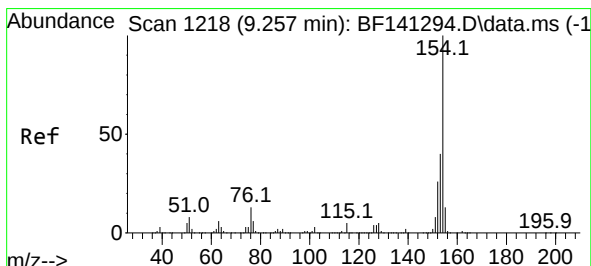
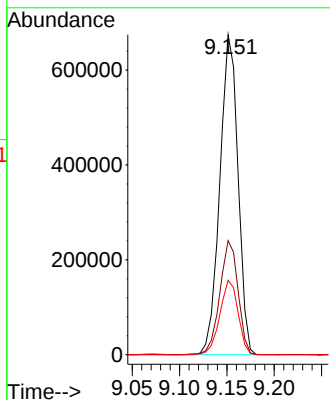
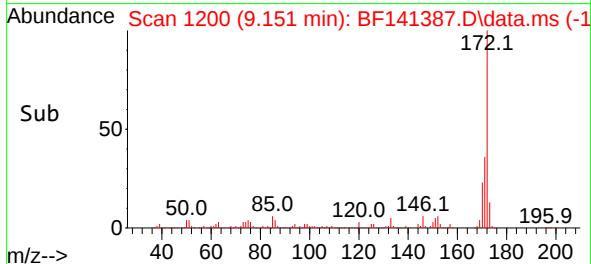
Instrument :
BNA_F
ClientSampleId :
RBR200030MS



Tgt Ion:172 Resp: 901508
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 23.3 19.0 28.6

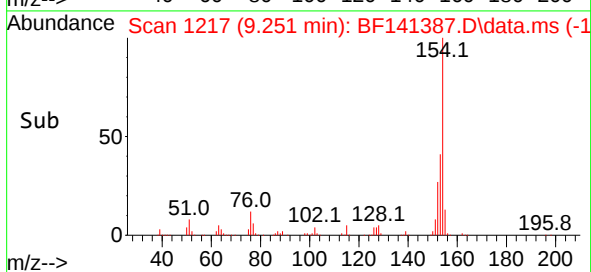
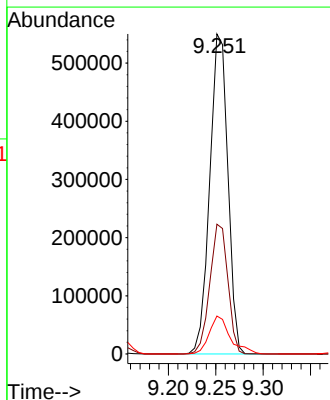
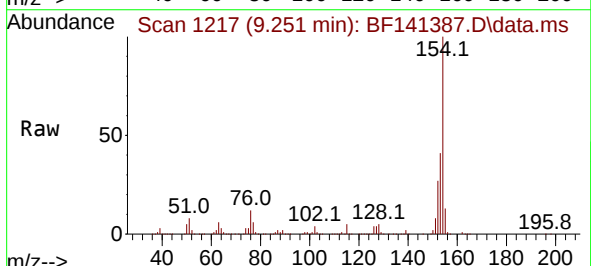
Manual Integrations
APPROVED

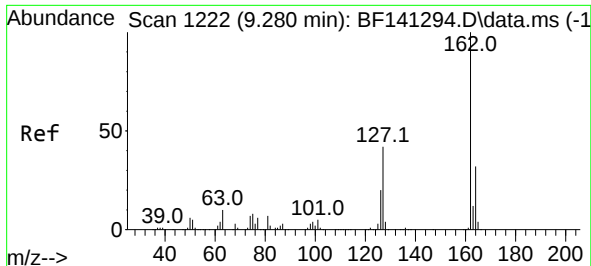
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#46
1,1'-Biphenyl
Concen: 51.592 ng
RT: 9.251 min Scan# 1217
Delta R.T. -0.012 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

Tgt Ion:154 Resp: 729449
Ion Ratio Lower Upper
154 100
153 40.6 20.0 60.0
76 11.9 0.0 32.8





#47

2-Chloronaphthalene

Concen: 45.019 ng

RT: 9.281 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141387.D

Acq: 03 Feb 2025 23:30

Instrument :

BNA_F

ClientSampleId :

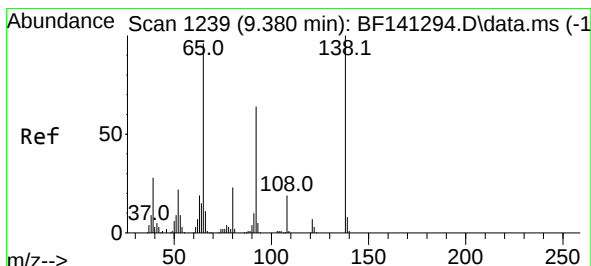
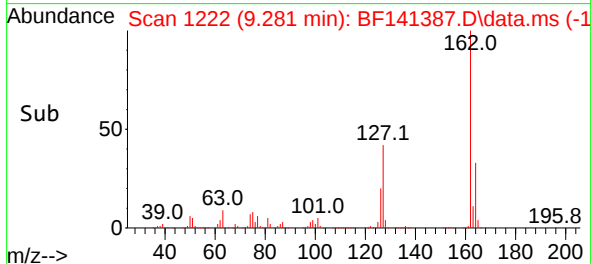
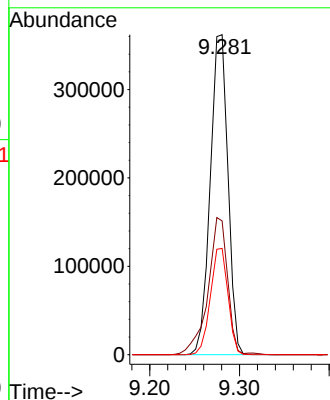
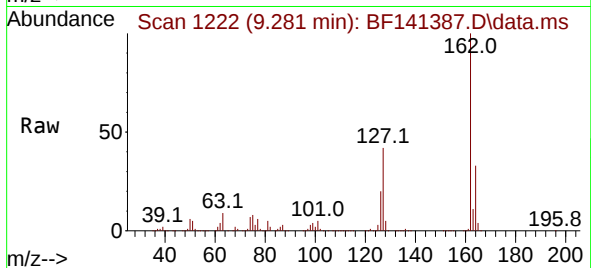
RBR200030MS

Tgt Ion:162 Resp: 496124
 Ion Ratio Lower Upper
 162 100
 127 41.8 33.7 50.5
 164 33.2 25.9 38.9

Manual Integrations

APPROVED

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



#48

2-Nitroaniline

Concen: 47.221 ng

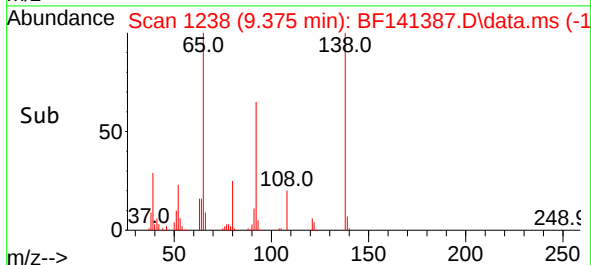
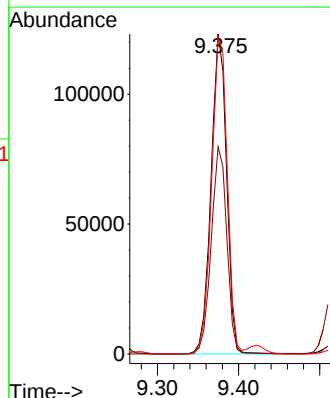
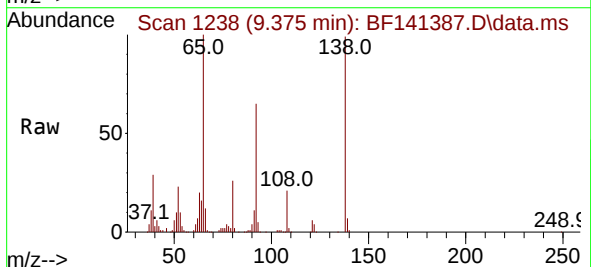
RT: 9.375 min Scan# 1238

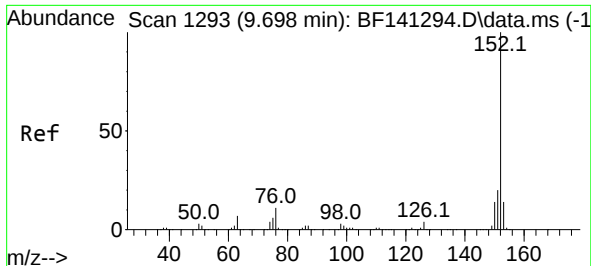
Delta R.T. -0.006 min

Lab File: BF141387.D

Acq: 03 Feb 2025 23:30

Tgt Ion: 65 Resp: 163684
 Ion Ratio Lower Upper
 65 100
 92 64.8 53.3 79.9
 138 99.1 83.6 125.4





#49

Acenaphthylene

Concen: 49.843 ng

RT: 9.692 min Scan# 1293

Delta R.T. -0.012 min

Lab File: BF141387.D

Acq: 03 Feb 2025 23:30

Instrument :

BNA_F

ClientSampleId :

RBR200030MS

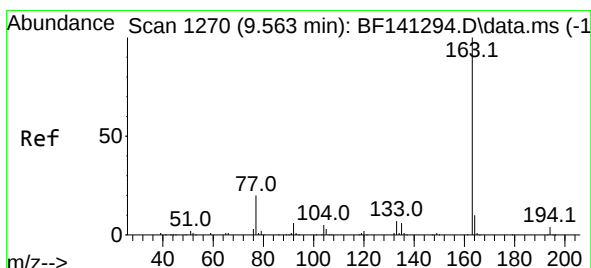
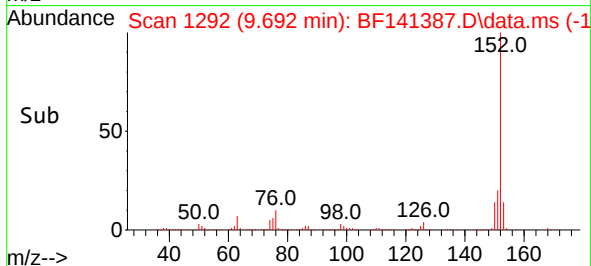
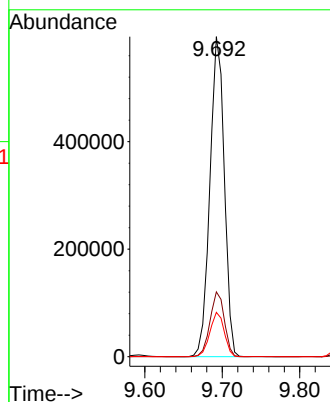
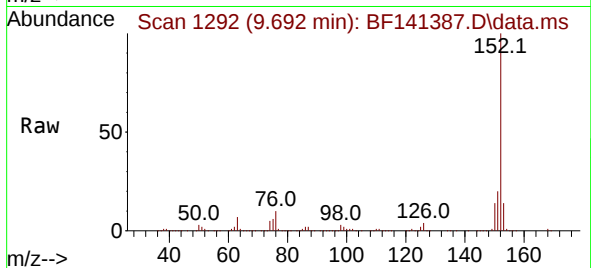
Tgt Ion:152 Resp: 768904

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2
153	13.8	11.0	16.6

Manual Integrations

APPROVED

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



#50

Dimethylphthalate

Concen: 47.433 ng

RT: 9.557 min Scan# 1269

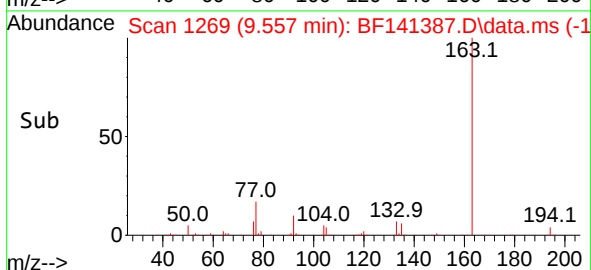
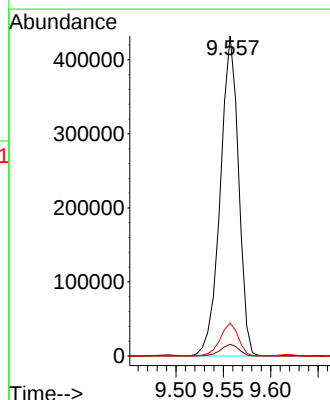
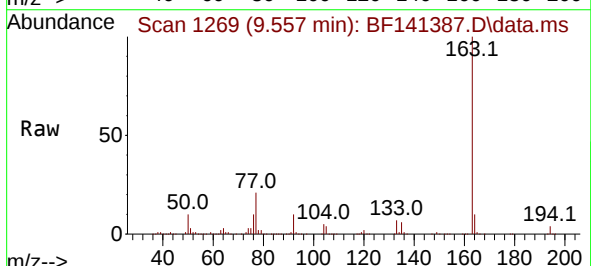
Delta R.T. -0.012 min

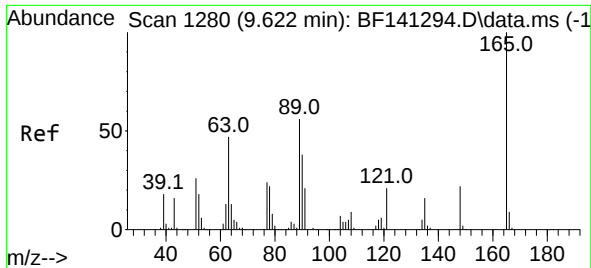
Lab File: BF141387.D

Acq: 03 Feb 2025 23:30

Tgt Ion:163 Resp: 580794

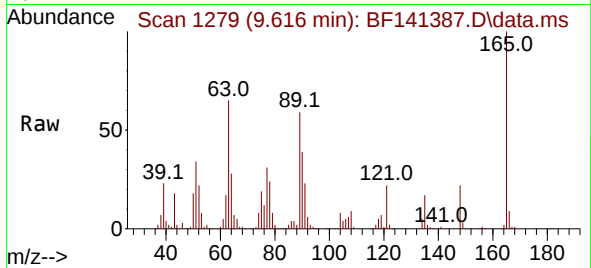
Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.6
164	10.3	8.0	12.0





#51
2,6-Dinitrotoluene
Concen: 43.850 ng
RT: 9.616 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

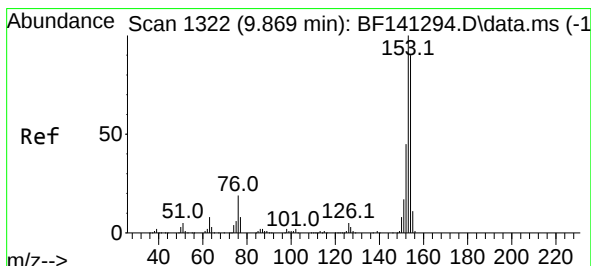
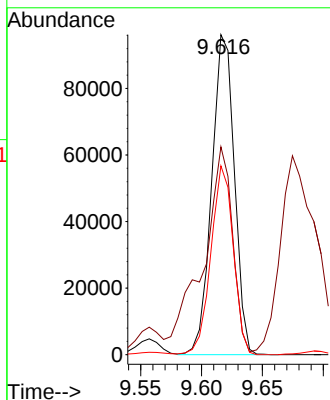
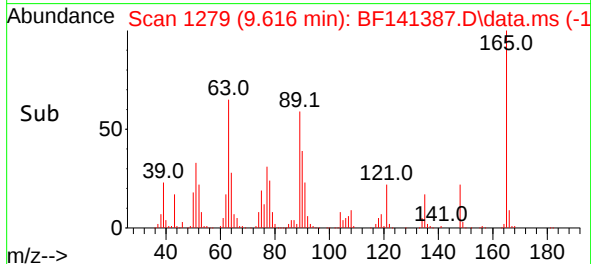
Instrument :
BNA_F
ClientSampleId :
RBR200030MS



Tgt Ion:165 Resp: 124660
Ion Ratio Lower Upper
165 100
63 65.0 48.1 72.1
89 59.0 44.9 67.3

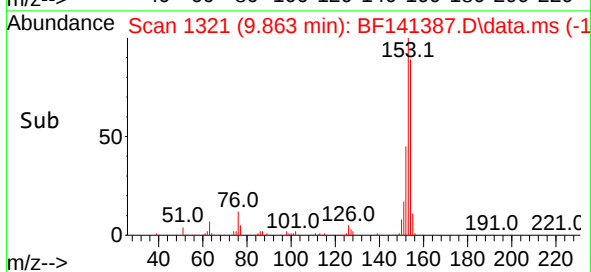
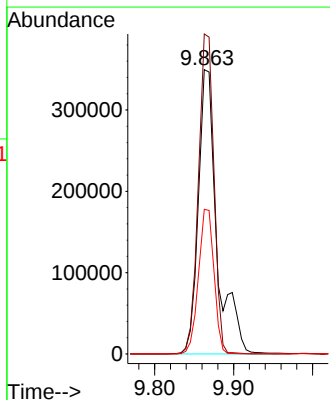
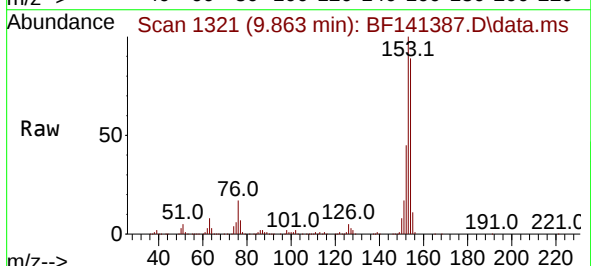
Manual Integrations
APPROVED

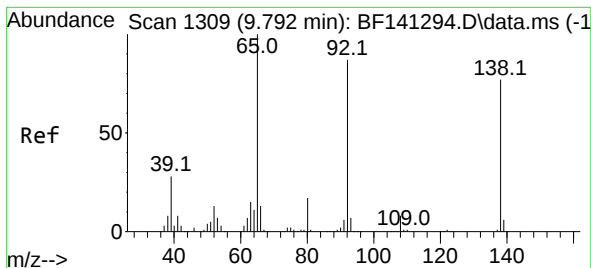
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#52
Acenaphthene
Concen: 52.250 ng m
RT: 9.863 min Scan# 1321
Delta R.T. -0.012 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

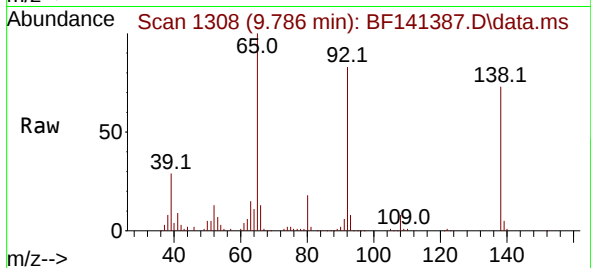
Tgt Ion:154 Resp: 575834
Ion Ratio Lower Upper
154 100
153 112.6 89.0 133.4
152 50.9 40.2 60.4





#53
3-Nitroaniline
Concen: 22.574 ng
RT: 9.786 min Scan# 1308
Delta R.T. -0.012 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

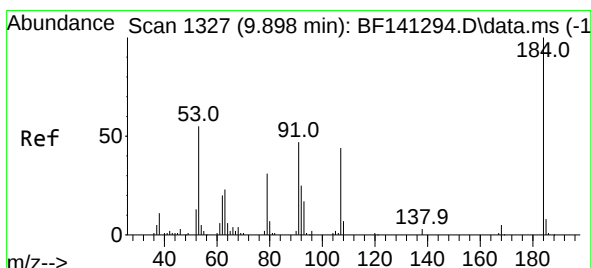
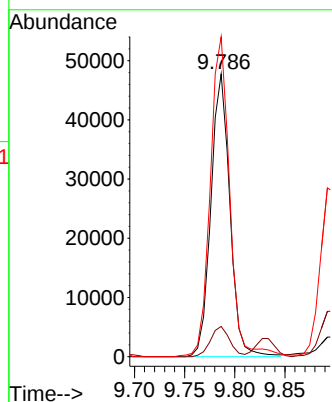
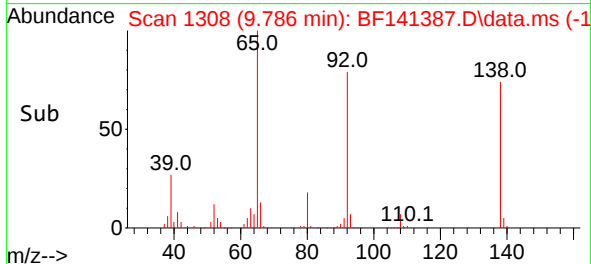
Instrument :
BNA_F
ClientSampleId :
RBR200030MS



Tgt Ion:138 Resp: 6290
Ion Ratio Lower Upper
138 100
108 10.7 8.6 12.8
92 113.2 91.0 136.6

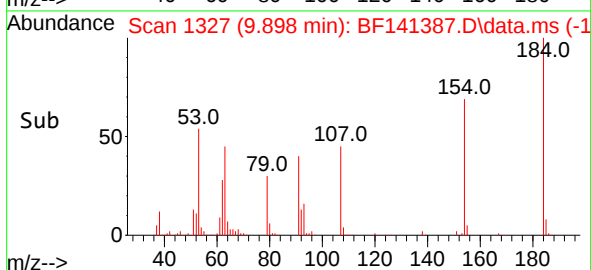
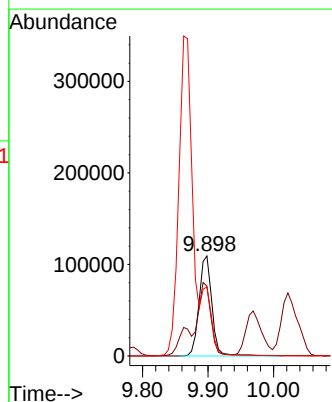
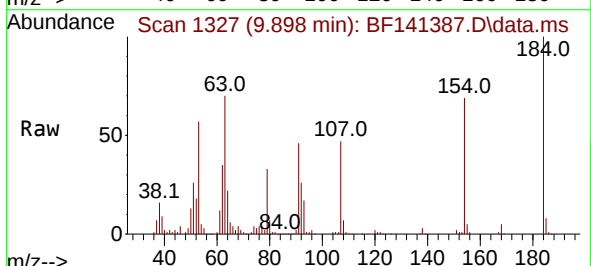
Manual Integrations
APPROVED

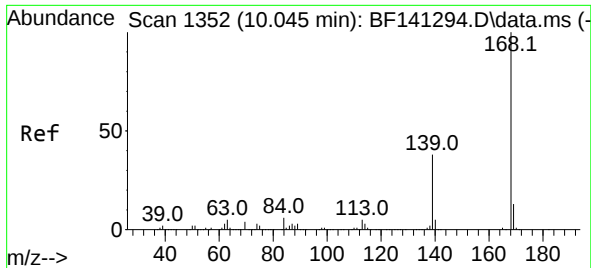
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#54
2,4-Dinitrophenol
Concen: 113.090 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

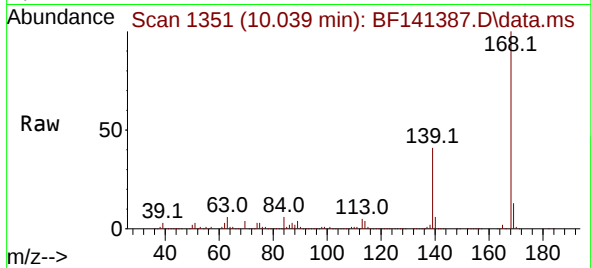
Tgt Ion:184 Resp: 149460
Ion Ratio Lower Upper
184 100
63 69.9 54.1 81.1
154 69.1 50.7 76.1





#55
Dibenzenofuran
Concen: 46.565 ng
RT: 10.039 min Scan# 1351
Delta R.T. -0.006 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

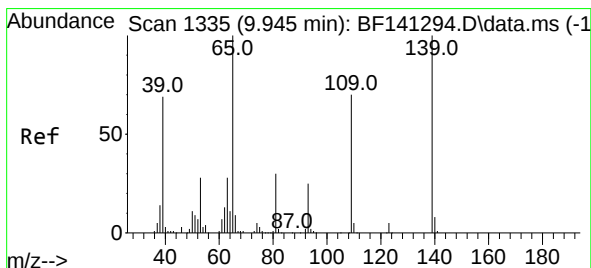
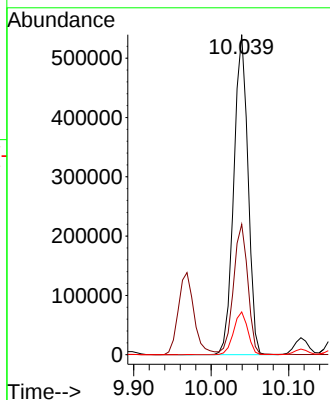
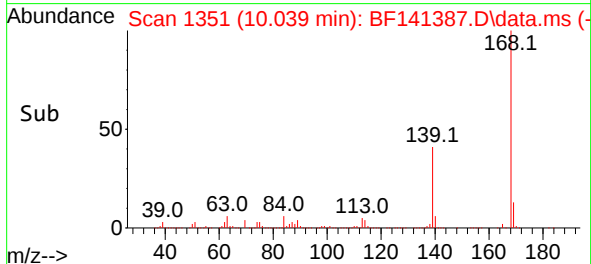
Instrument :
BNA_F
ClientSampleId :
RBR200030MS



Tgt Ion:168 Resp: 686920
Ion Ratio Lower Upper
168 100
139 40.7 30.6 46.0
169 13.4 10.8 16.2

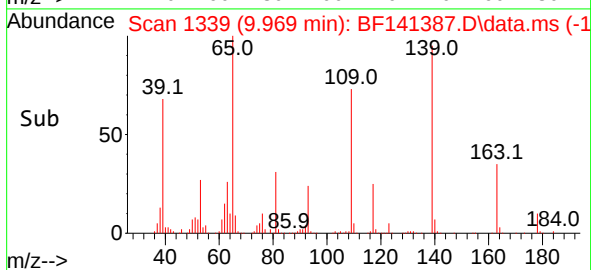
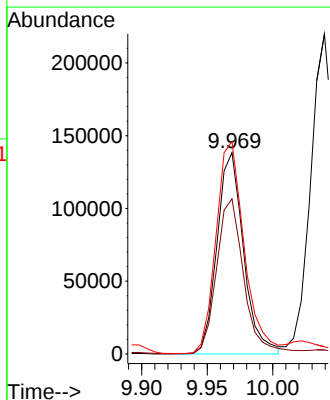
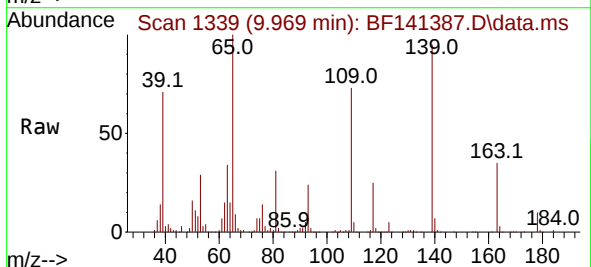
Manual Integrations
APPROVED

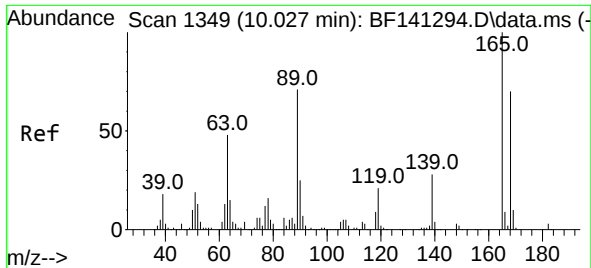
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#56
4-Nitrophenol
Concen: 95.421 ng
RT: 9.969 min Scan# 1339
Delta R.T. 0.012 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

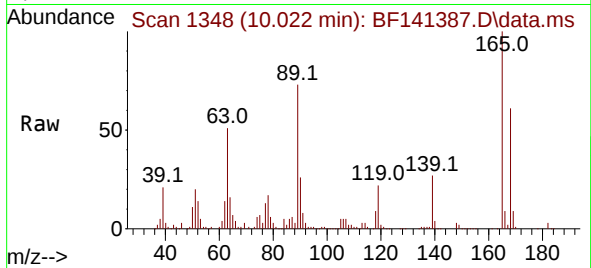
Tgt Ion:139 Resp: 194455
Ion Ratio Lower Upper
139 100
109 77.1 50.2 90.2
65 105.5 80.6 120.6





#57
2,4-Dinitrotoluene
Concen: 46.874 ng
RT: 10.022 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

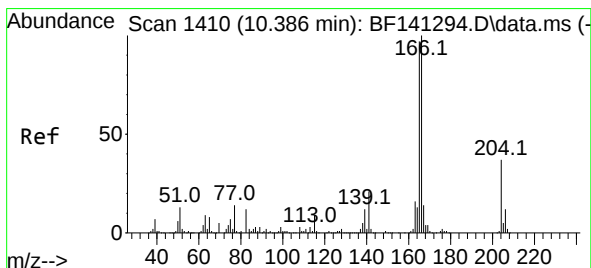
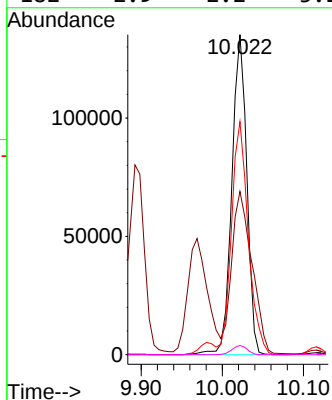
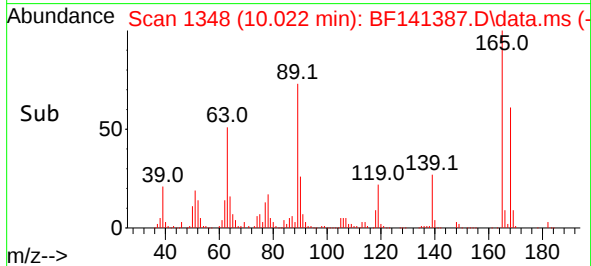
Instrument :
BNA_F
ClientSampleId :
RBR200030MS



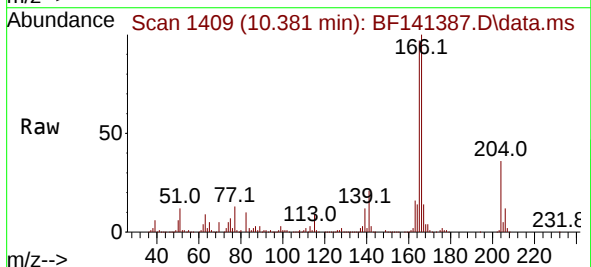
Tgt Ion:165 Resp: 172539
Ion Ratio Lower Upper
165 100
63 51.0 39.2 58.8
89 72.8 56.9 85.3
182 2.9 2.2 3.2

Manual Integrations
APPROVED

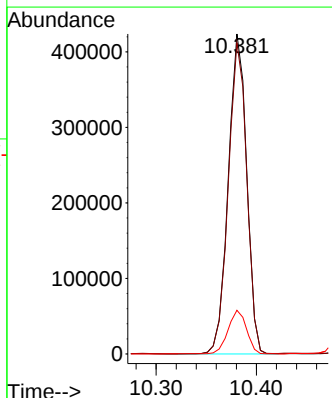
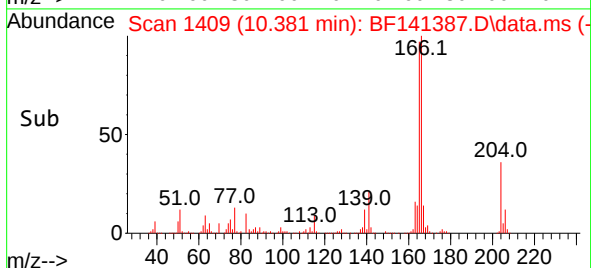
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025

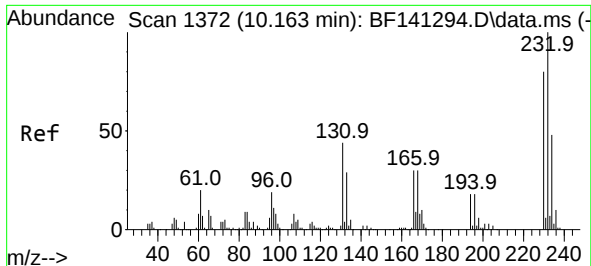


#58
Fluorene
Concen: 47.232 ng
RT: 10.381 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30



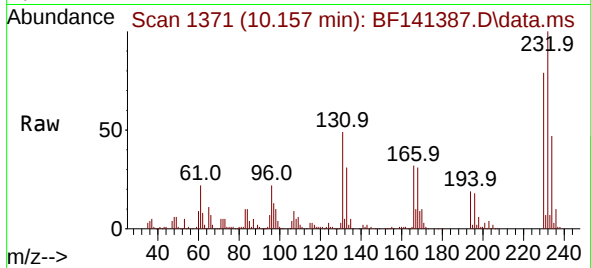
Tgt Ion:166 Resp: 540469
Ion Ratio Lower Upper
166 100
165 97.3 77.5 116.3
167 13.7 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.442 ng
RT: 10.157 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

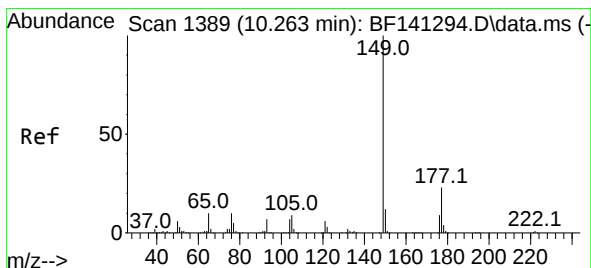
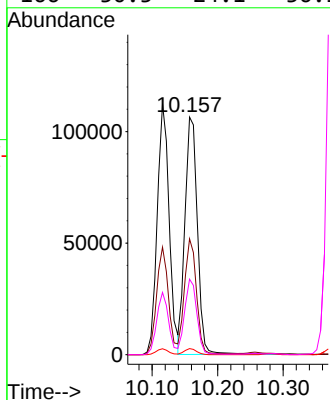
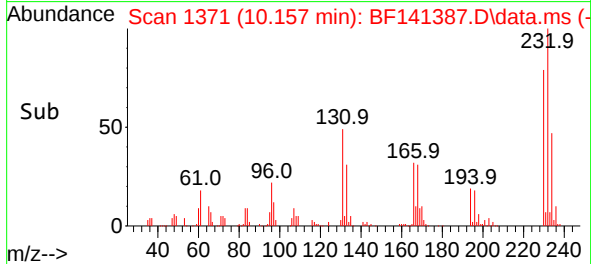
Instrument :
BNA_F
ClientSampleId :
RBR200030MS



Tgt Ion:232 Resp: 140025
Ion Ratio Lower Upper
232 100
131 47.0 36.4 54.6
130 2.5 1.9 2.9
166 30.3 24.1 36.1

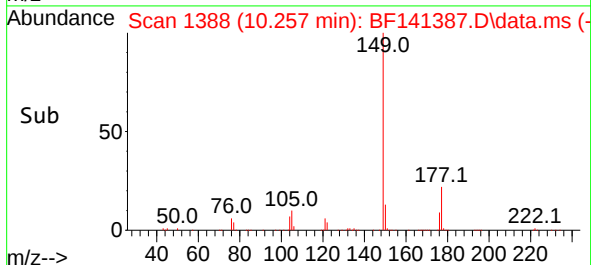
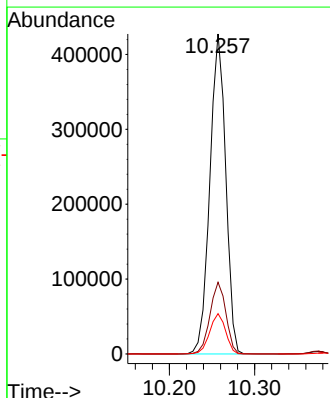
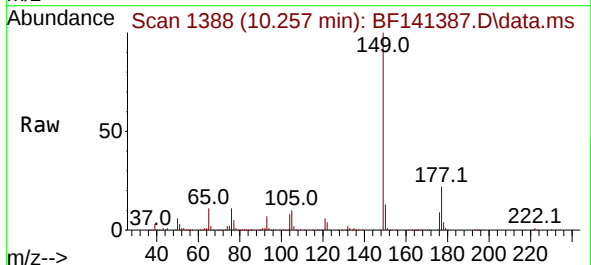
Manual Integrations
APPROVED

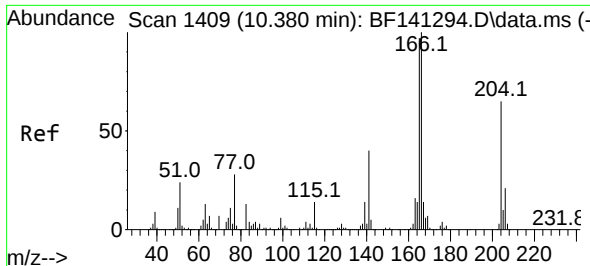
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#60
Diethylphthalate
Concen: 46.544 ng
RT: 10.257 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

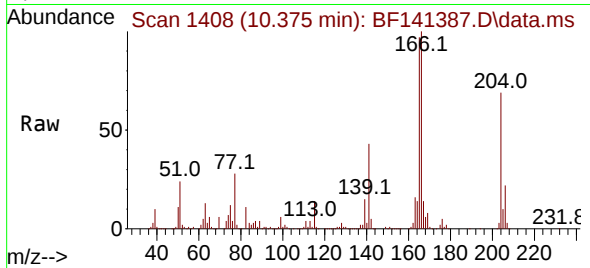
Tgt Ion:149 Resp: 552588
Ion Ratio Lower Upper
149 100
177 22.4 18.5 27.7
150 12.6 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 46.199 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

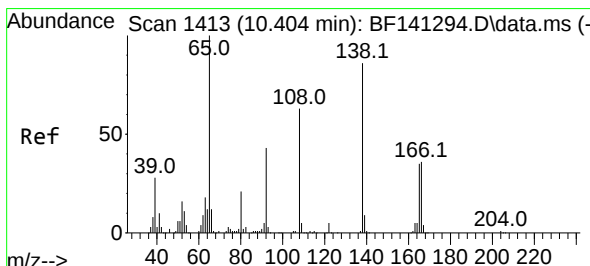
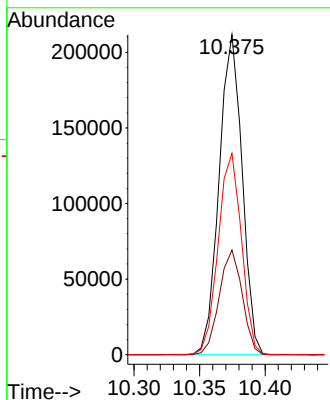
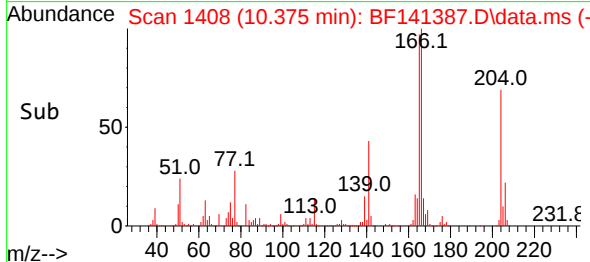
Instrument :
BNA_F
ClientSampleId :
RBR200030MS



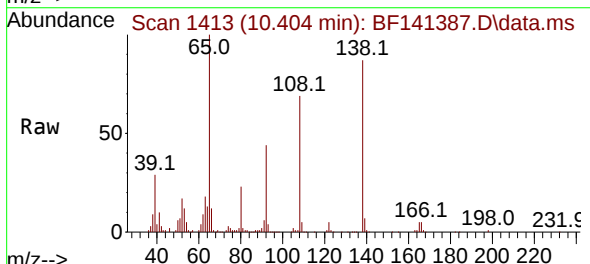
Tgt Ion:204 Resp: 258228
Ion Ratio Lower Upper
204 100
206 32.7 25.9 38.9
141 62.9 49.5 74.3

Manual Integrations
APPROVED

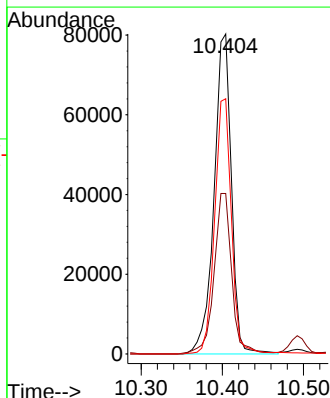
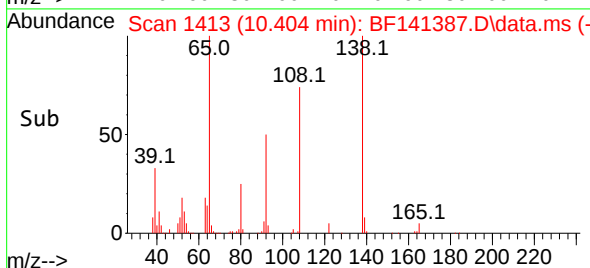
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025

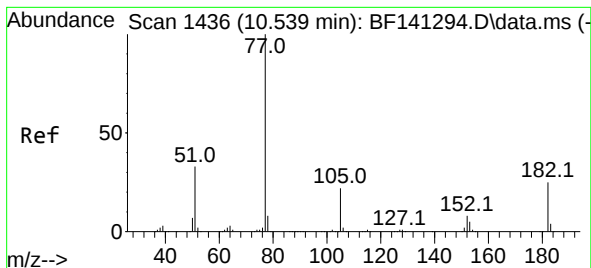


#62
4-Nitroaniline
Concen: 43.570 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30



Tgt Ion:138 Resp: 119359
Ion Ratio Lower Upper
138 100
92 50.1 30.1 70.1
108 79.7 53.1 93.1





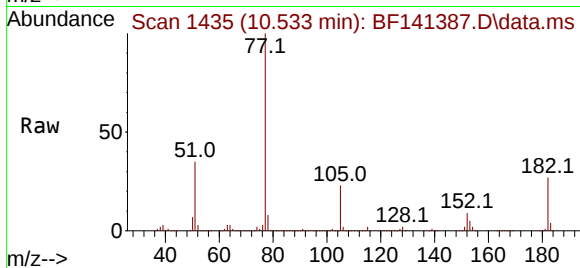
#63
Azobenzene
Concen: 48.403 ng
RT: 10.533 min Scan# 1435
Delta R.T. -0.012 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

Instrument :

BNA_F

ClientSampleId :

RBR200030MS

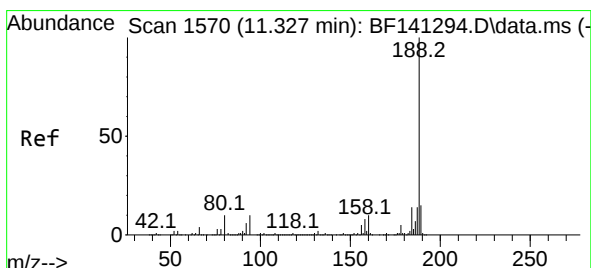
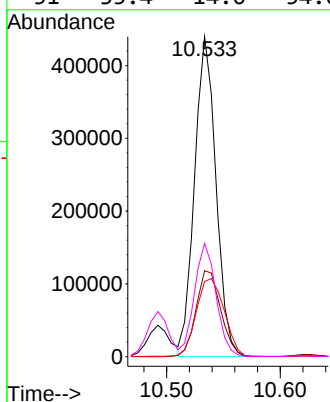
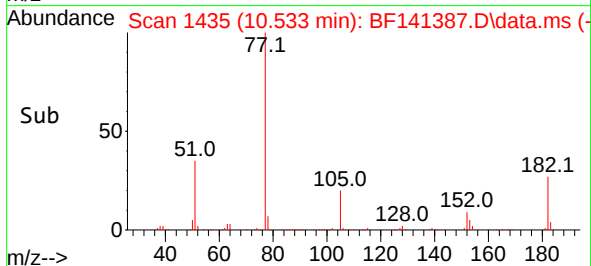


Tgt Ion: 77 Resp: 57522
Ion Ratio Lower Upper
77 100
182 26.8 5.1 45.1
105 23.5 1.8 41.8
51 35.4 14.0 54.0

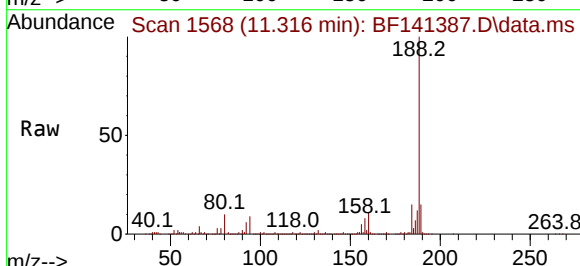
Manual Integrations

APPROVED

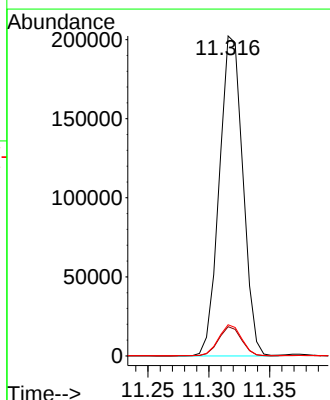
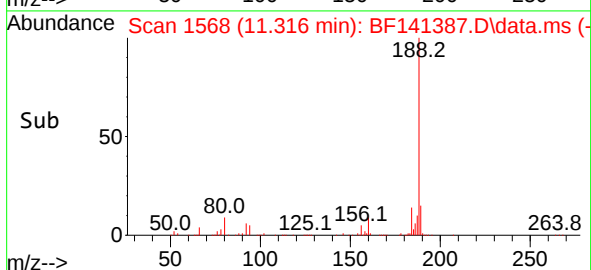
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025

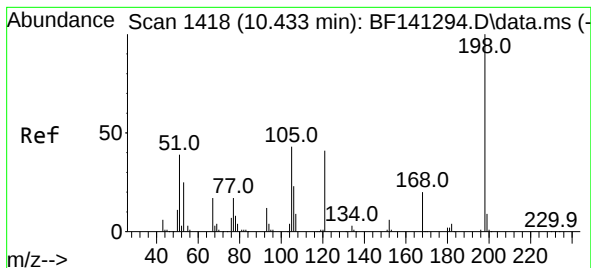


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1568
Delta R.T. -0.012 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30



Tgt Ion:188 Resp: 272543
Ion Ratio Lower Upper
188 100
94 9.1 7.8 11.6
80 9.7 8.2 12.4





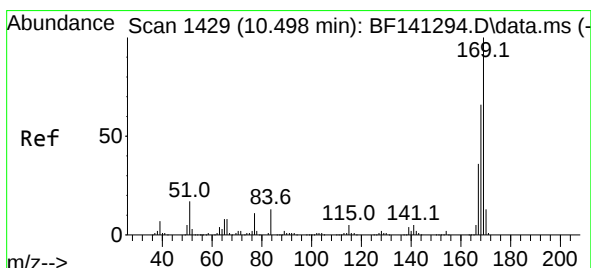
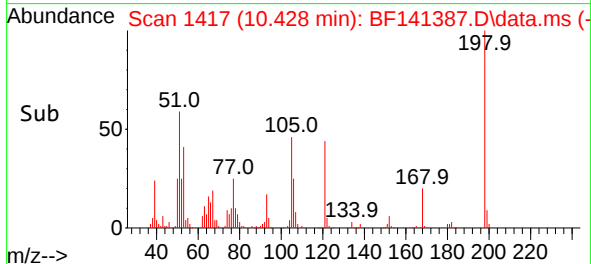
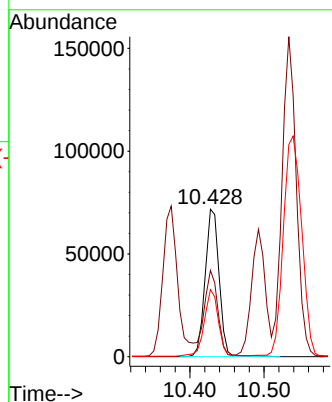
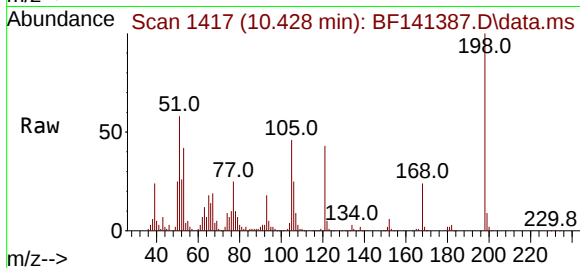
#65
4,6-Dinitro-2-methylphenol
Concen: 58.499 ng
RT: 10.428 min Scan# 1418
Delta R.T. -0.012 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

Instrument :
BNA_F
ClientSampleId :
RBR200030MS

Tgt Ion:198 Resp: 94305
Ion Ratio Lower Upper
198 100
51 58.5 33.4 73.4
105 45.5 24.4 64.4

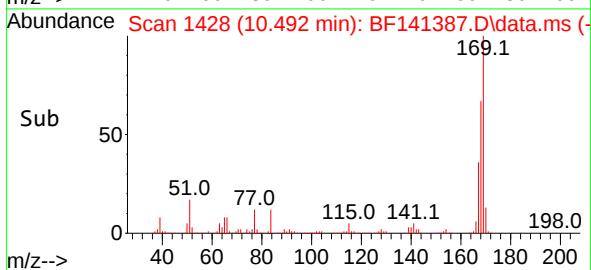
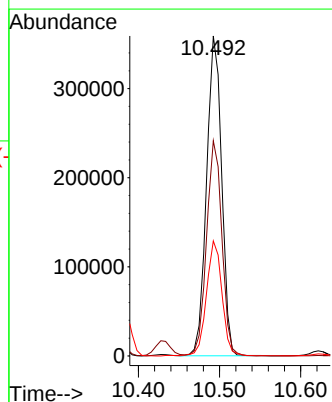
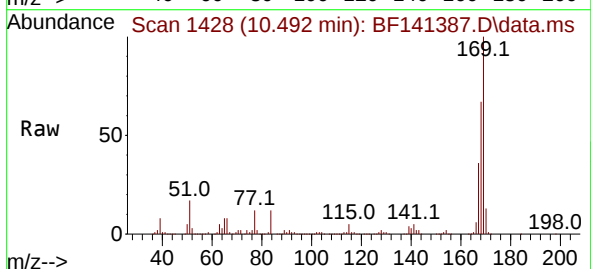
Manual Integrations
APPROVED

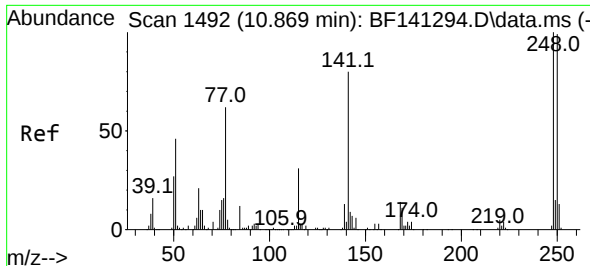
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#66
n-Nitrosodiphenylamine
Concen: 52.341 ng
RT: 10.492 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

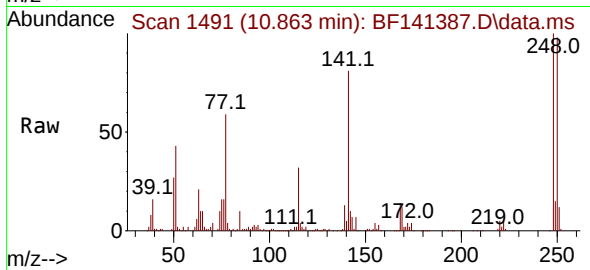
Tgt Ion:169 Resp: 461385
Ion Ratio Lower Upper
169 100
168 67.3 53.0 79.4
167 35.9 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 50.833 ng
RT: 10.863 min Scan# 1491
Delta R.T. -0.012 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

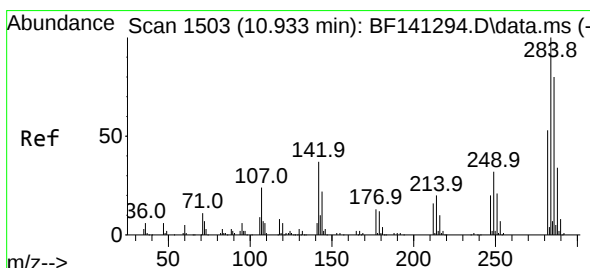
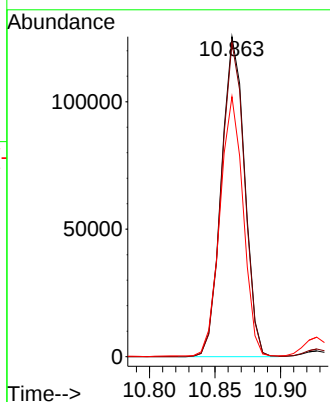
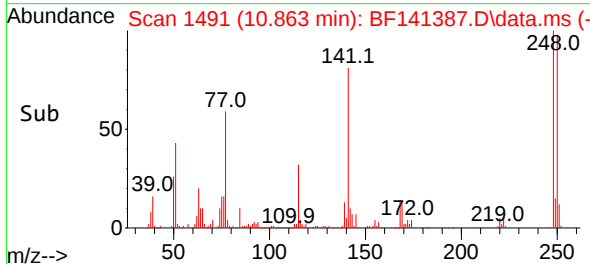
Instrument :
BNA_F
ClientSampleId :
RBR200030MS



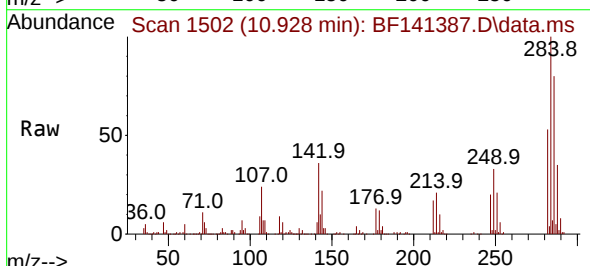
Tgt Ion:248 Resp: 155102
Ion Ratio Lower Upper
248 100
250 98.1 79.0 118.4
141 81.2 63.7 95.5

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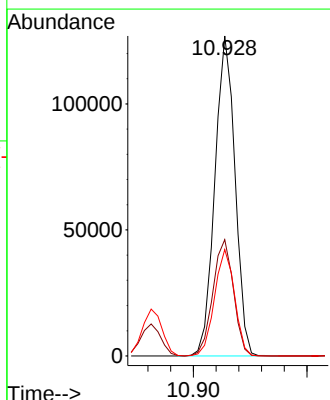
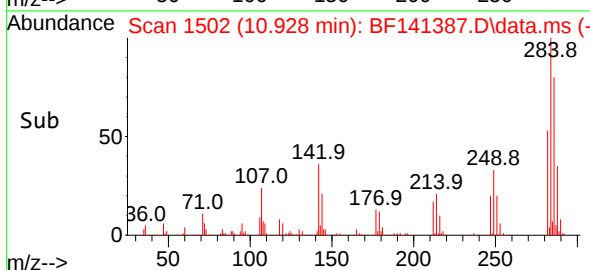
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025

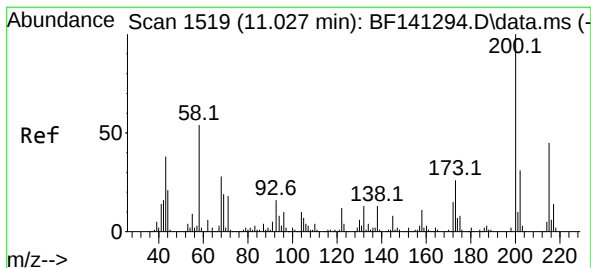


#68
Hexachlorobenzene
Concen: 48.358 ng
RT: 10.928 min Scan# 1502
Delta R.T. -0.012 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30



Tgt Ion:284 Resp: 156515
Ion Ratio Lower Upper
284 100
142 36.3 29.5 44.3
249 33.2 25.4 38.2





#69

Atrazine

Concen: 56.071 ng

RT: 11.022 min Scan# 1519

Delta R.T. -0.012 min

Lab File: BF141387.D

Acq: 03 Feb 2025 23:30

Instrument :

BNA_F

ClientSampleId :

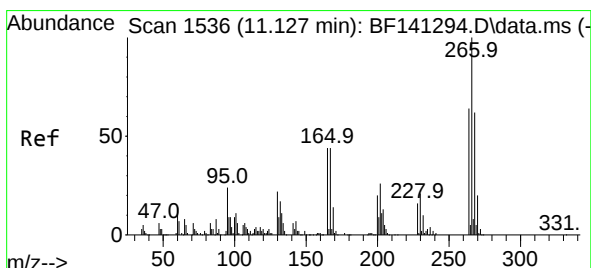
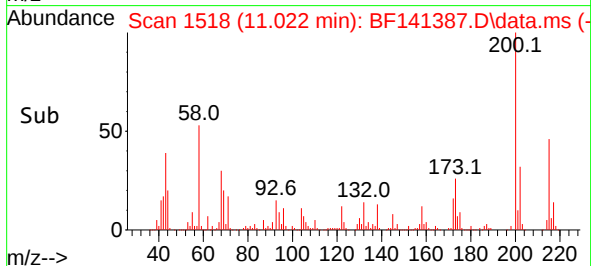
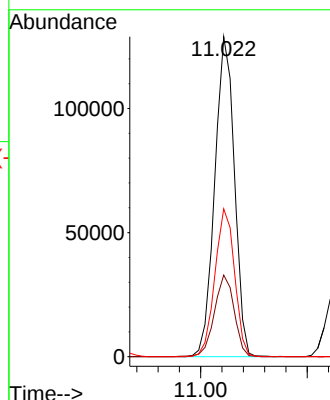
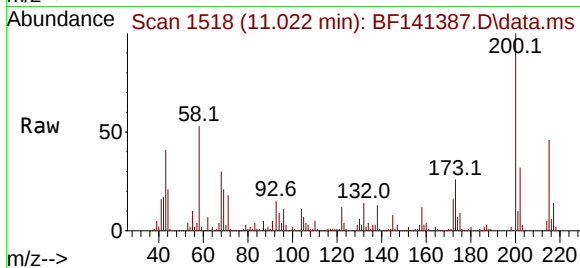
RBR200030MS

Tgt Ion:200 Resp: 16525
 Ion Ratio Lower Upper
 200 100
 173 25.5 5.9 45.9
 215 46.2 25.2 65.2

Manual Integrations

APPROVED

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



#70

Pentachlorophenol

Concen: 98.703 ng

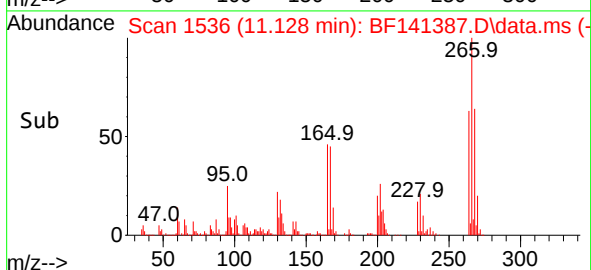
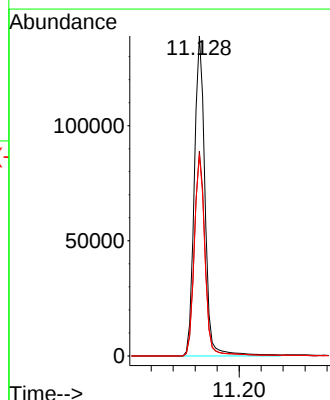
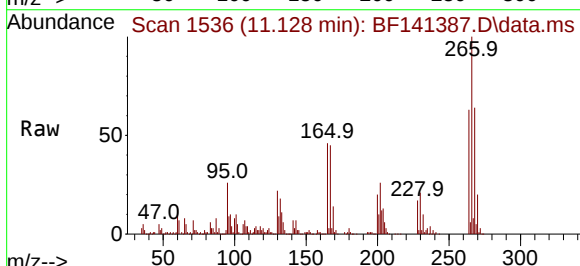
RT: 11.128 min Scan# 1536

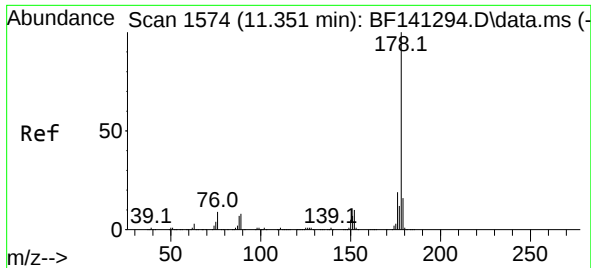
Delta R.T. -0.006 min

Lab File: BF141387.D

Acq: 03 Feb 2025 23:30

Tgt Ion:266 Resp: 187070
 Ion Ratio Lower Upper
 266 100
 268 63.9 49.9 74.9
 264 62.8 51.0 76.4





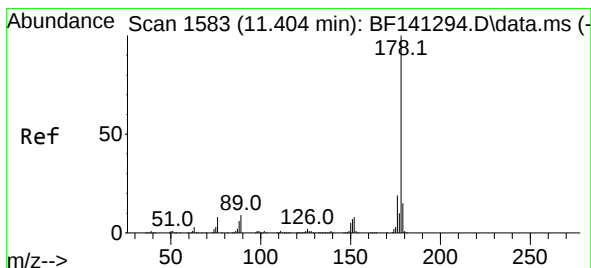
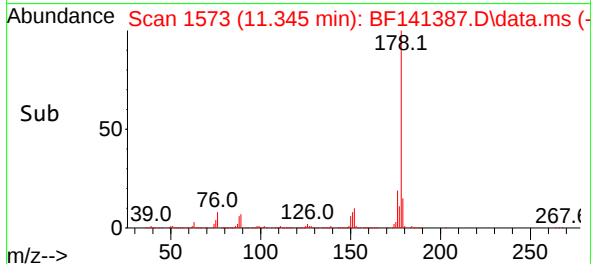
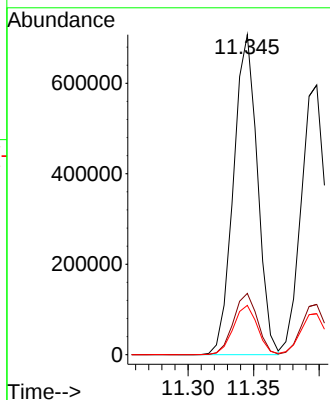
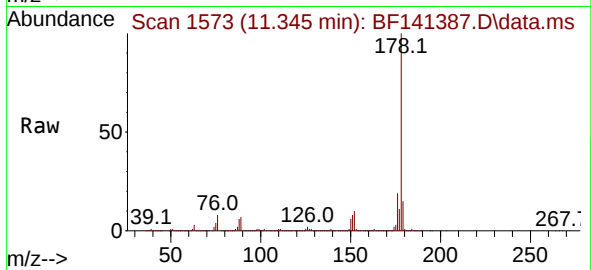
#71
Phenanthrene
Concen: 61.414 ng
RT: 11.345 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

Instrument :
BNA_F
ClientSampleId :
RBR200030MS

Tgt Ion:178 Resp: 899732
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.4 12.5 18.7

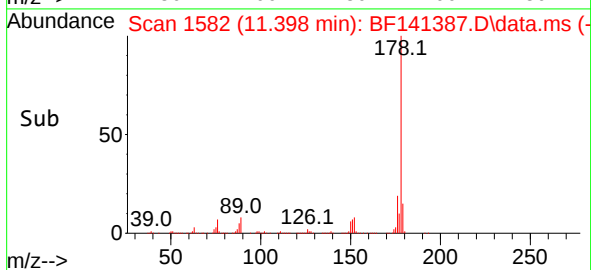
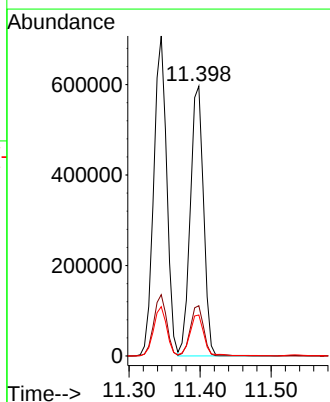
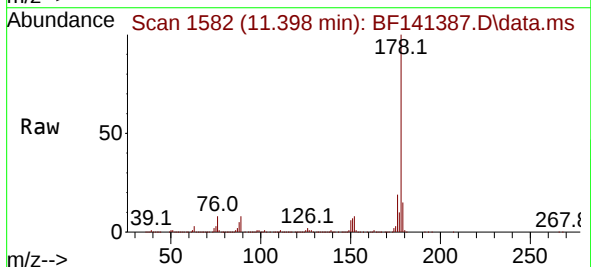
Manual Integrations
APPROVED

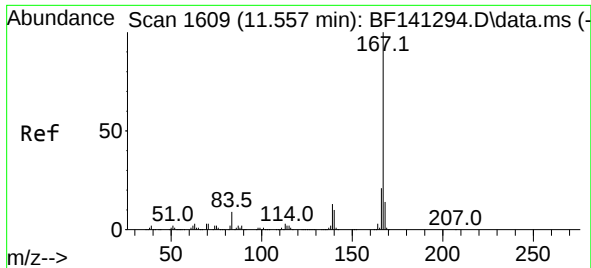
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#72
Anthracene
Concen: 54.018 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

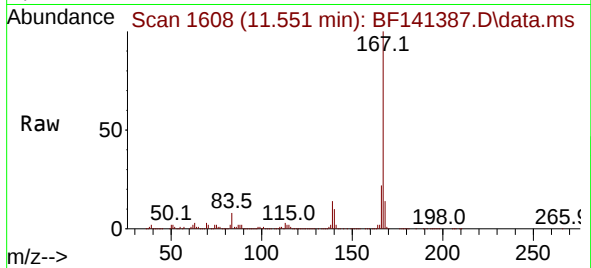
Tgt Ion:178 Resp: 775413
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.6
179 15.2 12.3 18.5





#73
 Carbazole
 Concen: 47.079 ng
 RT: 11.551 min Scan# 1608
 Delta R.T. -0.006 min
 Lab File: BF141387.D
 Acq: 03 Feb 2025 23:30

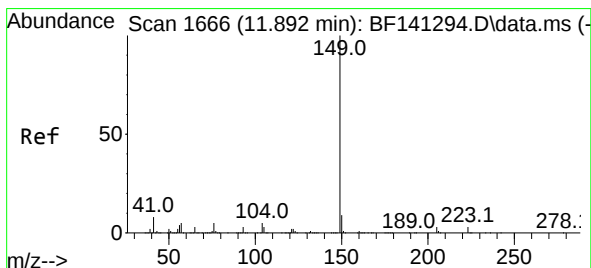
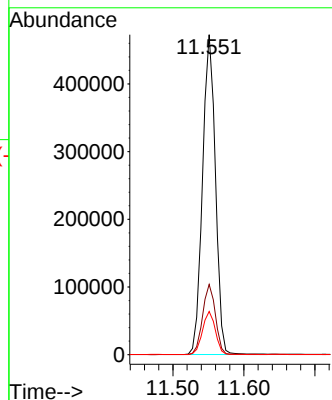
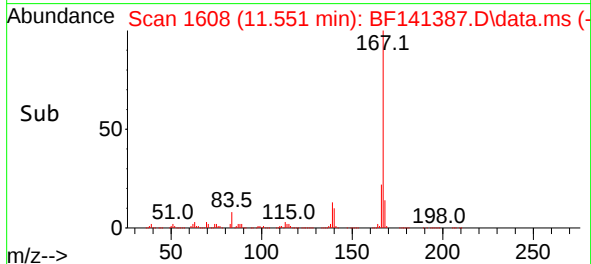
Instrument :
 BNA_F
 ClientSampleId :
 RBR200030MS



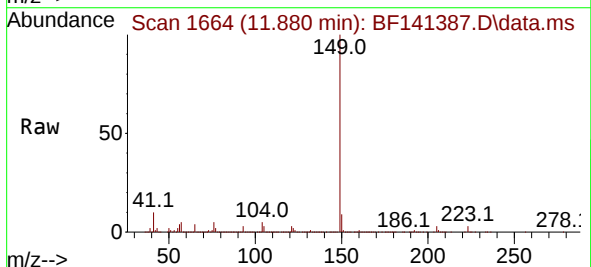
Tgt Ion:167 Resp: 599249
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.0 25.6
 139 13.5 10.6 16.0

Manual Integrations
 APPROVED

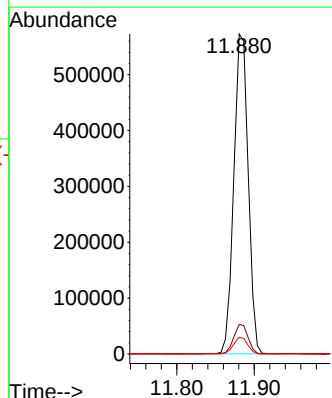
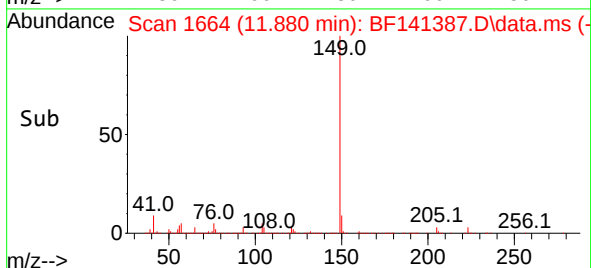
Reviewed By :Jagrut Upadhyay 02/04/2025
 Supervised By :mohammad ahmed 02/06/2025

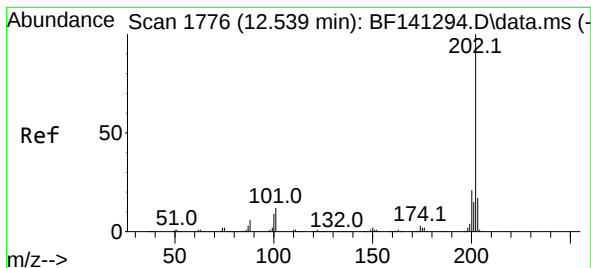


#74
 Di-n-butylphthalate
 Concen: 47.979 ng
 RT: 11.880 min Scan# 1664
 Delta R.T. -0.012 min
 Lab File: BF141387.D
 Acq: 03 Feb 2025 23:30



Tgt Ion:149 Resp: 740107
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 5.3 3.9 5.9





#75

Fluoranthene

Concen: 64.913 ng

RT: 12.533 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141387.D

Acq: 03 Feb 2025 23:30

Instrument :

BNA_F

ClientSampleId :

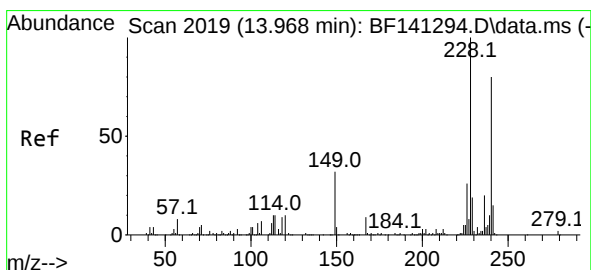
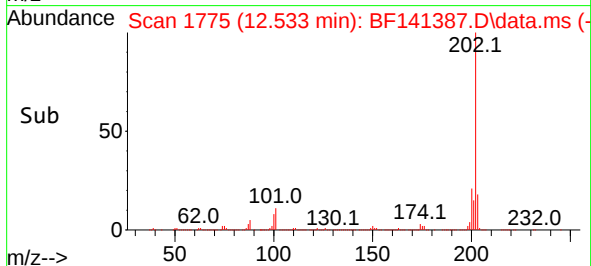
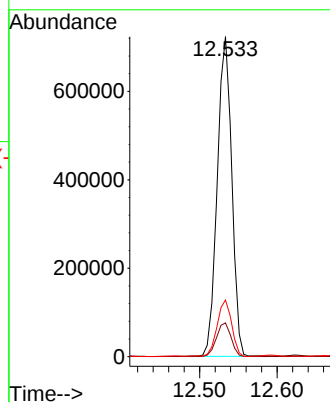
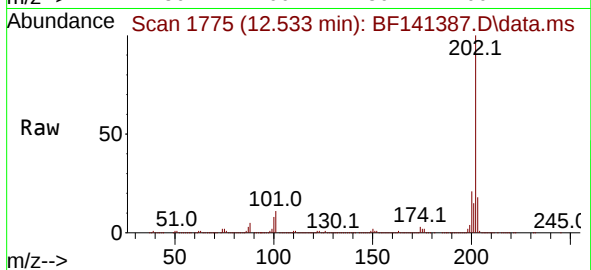
RBR200030MS

Tgt Ion:202 Resp: 93900
 Ion Ratio Lower Upper
 202 100
 101 10.5 0.0 31.7
 203 17.7 0.0 37.5

Manual Integrations

APPROVED

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



#76

Chrysene-d12

Concen: 20.000 ng

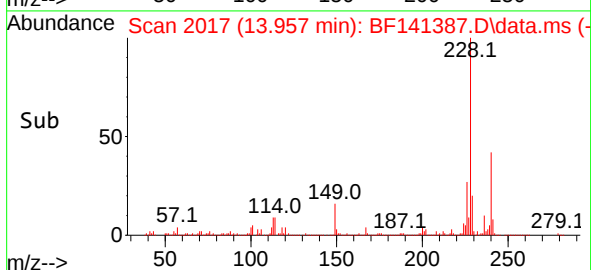
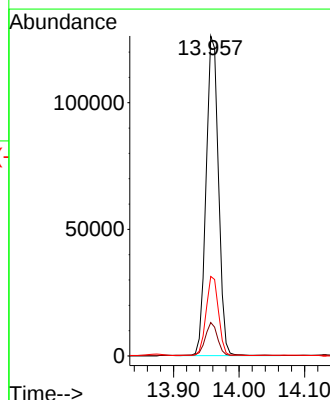
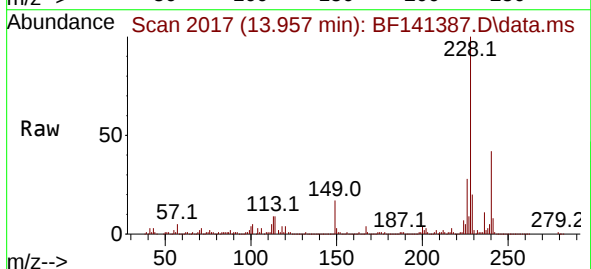
RT: 13.957 min Scan# 2017

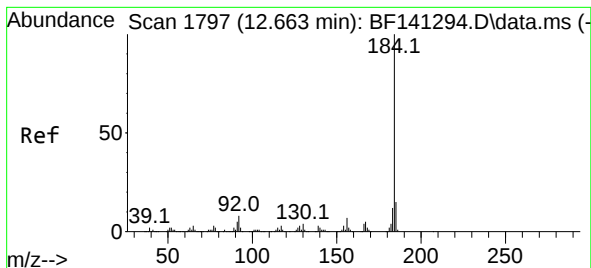
Delta R.T. -0.018 min

Lab File: BF141387.D

Acq: 03 Feb 2025 23:30

Tgt Ion:240 Resp: 165713
 Ion Ratio Lower Upper
 240 100
 120 10.4 10.0 15.0
 236 24.9 19.7 29.5





#77

Benzidine

Concen: 30.660 ng

RT: 12.657 min Scan# 1796

Delta R.T. -0.006 min

Lab File: BF141387.D

Acq: 03 Feb 2025 23:30

Instrument :

BNA_F

ClientSampleId :

RBR200030MS

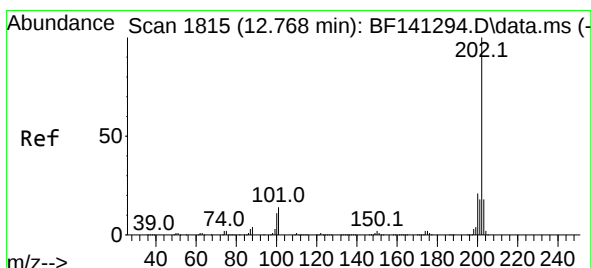
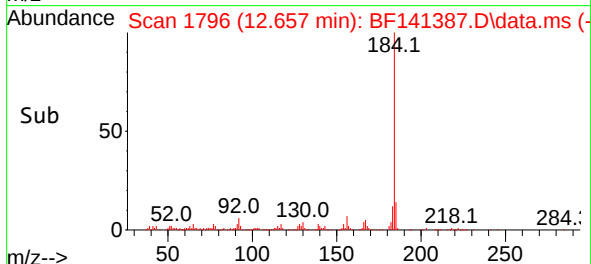
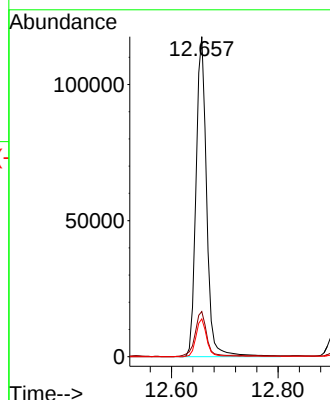
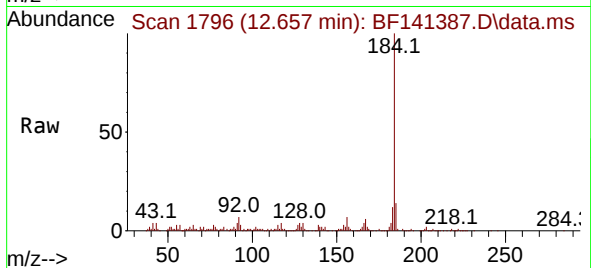
Tgt Ion:184 Resp: 162879

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.9	17.9
183	11.8	9.5	14.3

Manual Integrations

APPROVED

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



#78

Pyrene

Concen: 55.646 ng

RT: 12.763 min Scan# 1814

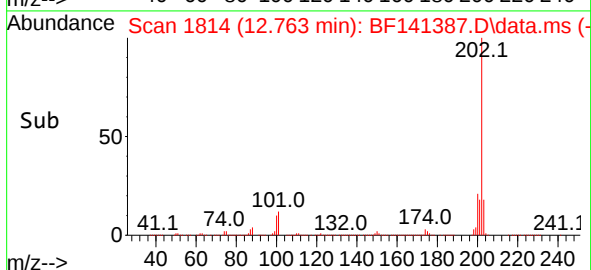
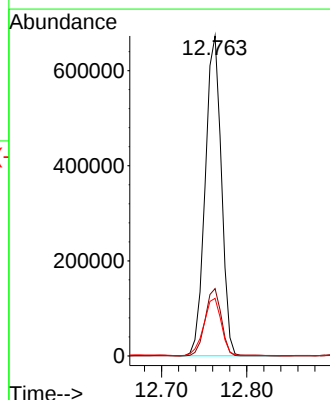
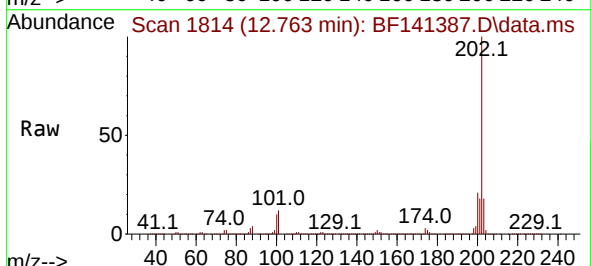
Delta R.T. -0.006 min

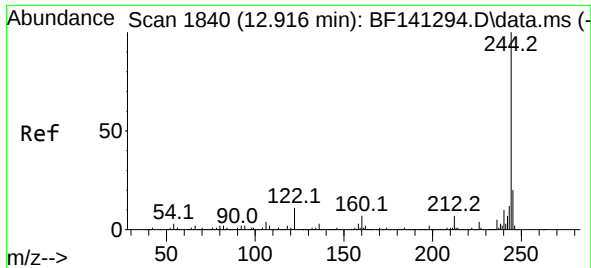
Lab File: BF141387.D

Acq: 03 Feb 2025 23:30

Tgt Ion:202 Resp: 885157

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.0	25.4
203	18.0	14.3	21.5





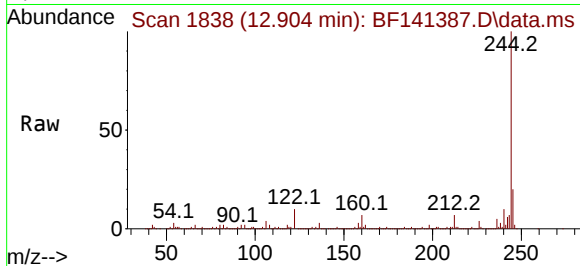
#79
Terphenyl-d14
Concen: 64.021 ng
RT: 12.904 min Scan# 1840
Delta R.T. -0.012 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

Instrument :

BNA_F

ClientSampleId :

RBR200030MS

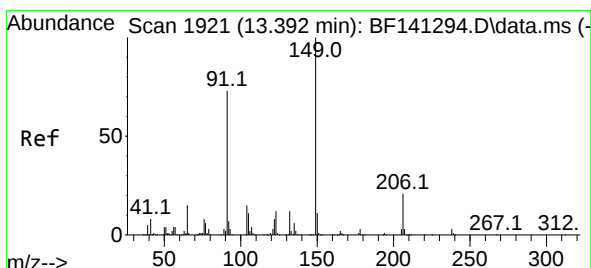
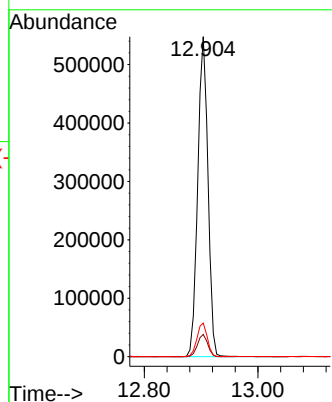
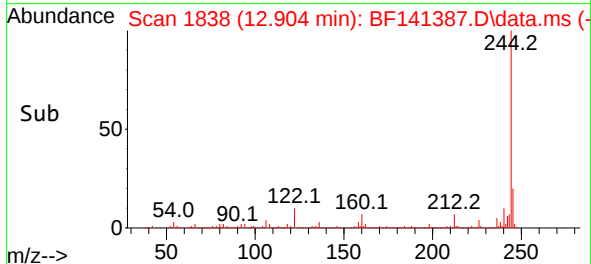


Tgt Ion:244 Resp: 687924
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 10.5 8.8 13.2

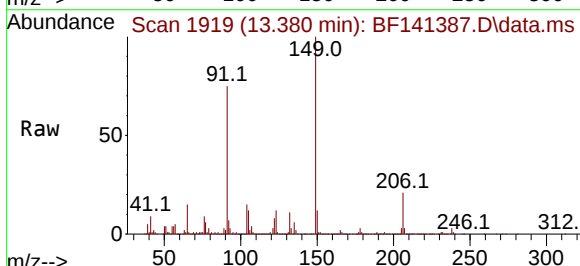
Manual Integrations

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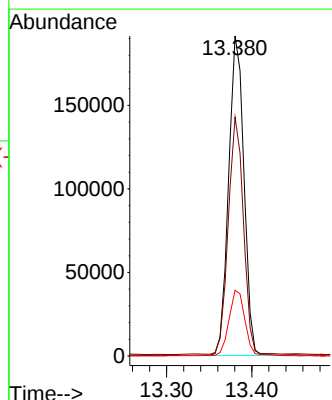
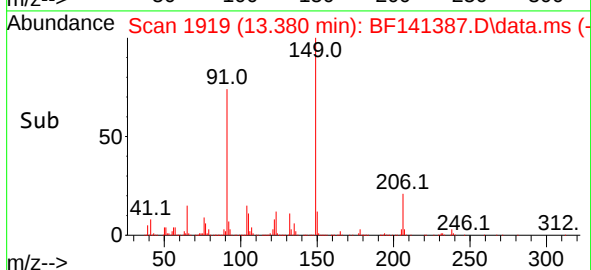
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025

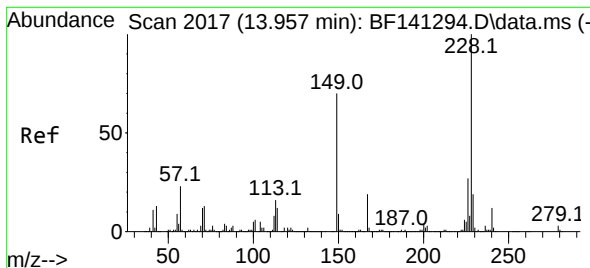


#80
Butylbenzylphthalate
Concen: 42.870 ng
RT: 13.380 min Scan# 1919
Delta R.T. -0.012 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30



Tgt Ion:149 Resp: 238234
Ion Ratio Lower Upper
149 100
91 74.6 58.6 87.8
206 20.5 16.7 25.1





#81

Benzo(a)anthracene

Concen: 56.662 ng

RT: 13.951 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF141387.D

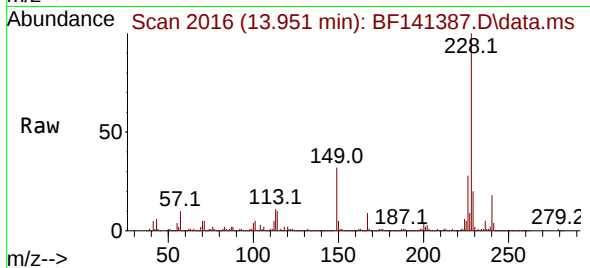
Acq: 03 Feb 2025 23:30

Instrument :

BNA_F

ClientSampleId :

RBR200030MS



Tgt Ion:228 Resp: 64793

Ion Ratio Lower Upper

228 100

226 27.6 21.4 32.2

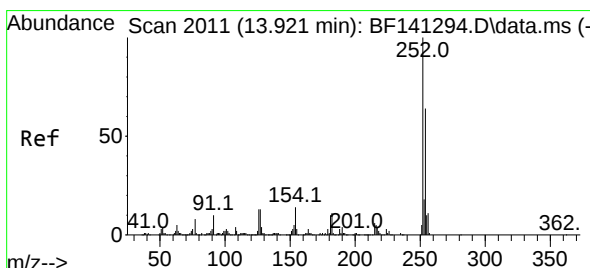
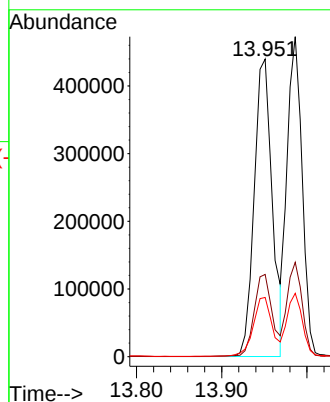
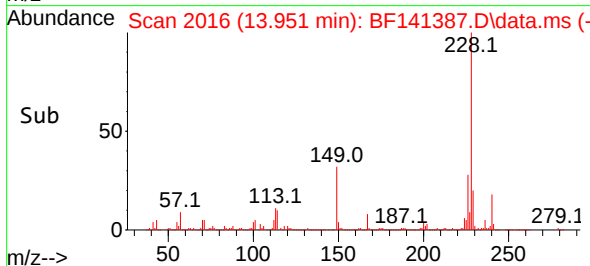
229 19.9 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025

Supervised By :mohammad ahmed 02/06/2025



#82

3,3'-Dichlorobenzidine

Concen: 17.425 ng

RT: 13.910 min Scan# 2009

Delta R.T. -0.018 min

Lab File: BF141387.D

Acq: 03 Feb 2025 23:30

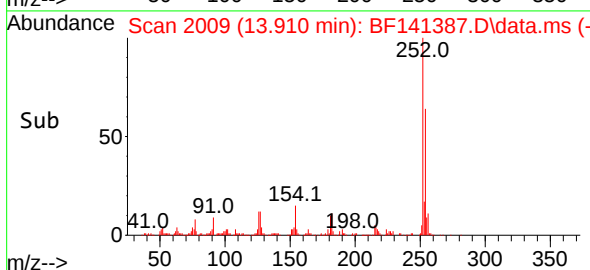
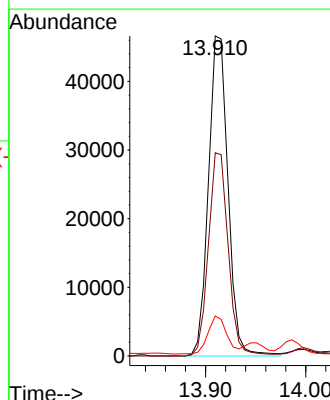
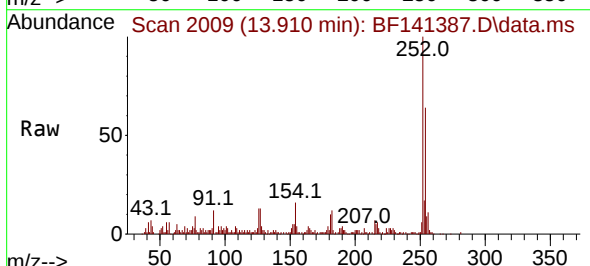
Tgt Ion:252 Resp: 63372

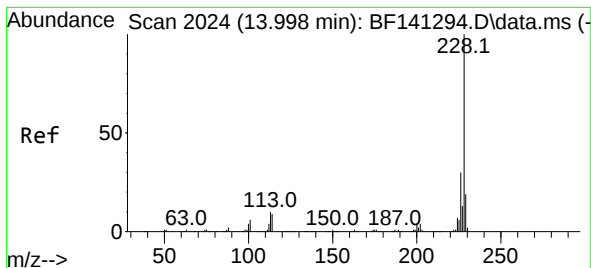
Ion Ratio Lower Upper

252 100

254 63.5 51.3 76.9

126 12.5 10.0 15.0





#83

Chrysene

Concen: 54.942 ng

RT: 13.986 min Scan# 2014

Delta R.T. -0.012 min

Lab File: BF141387.D

Acq: 03 Feb 2025 23:30

Instrument :

BNA_F

ClientSampleId :

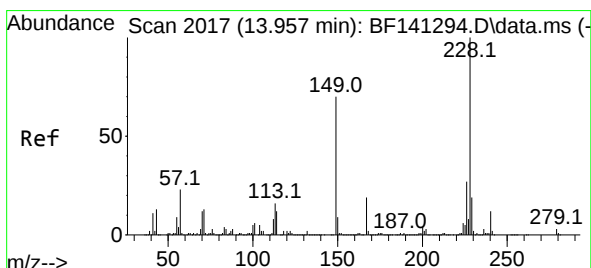
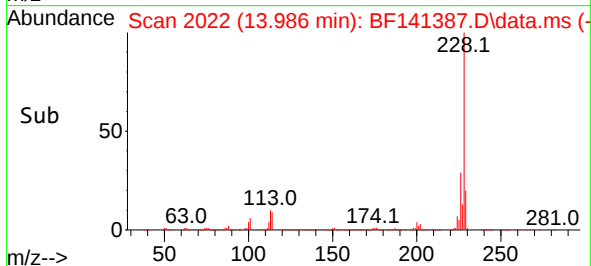
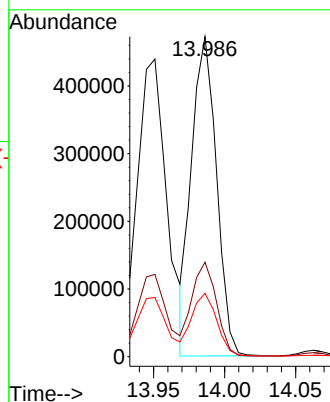
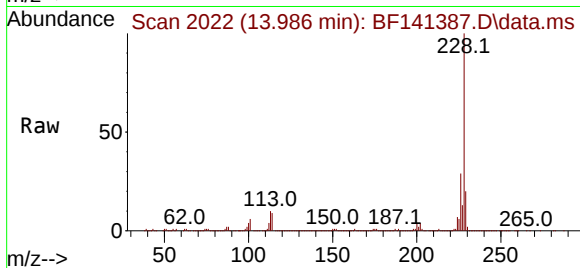
RBR200030MS

Tgt Ion:	228	Resp:	57578
Ion Ratio	Lower	Upper	
228	100		
226	29.5	24.1	36.1
229	19.8	15.6	23.4

Manual Integrations

APPROVED

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.736 ng

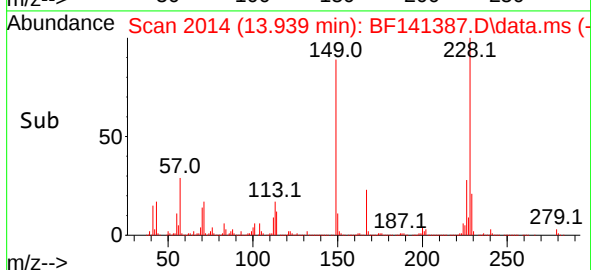
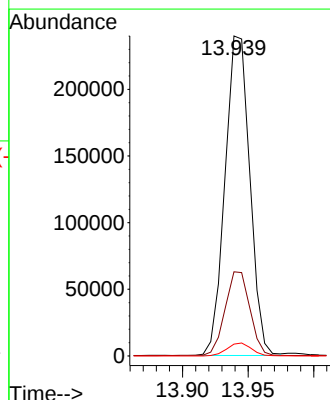
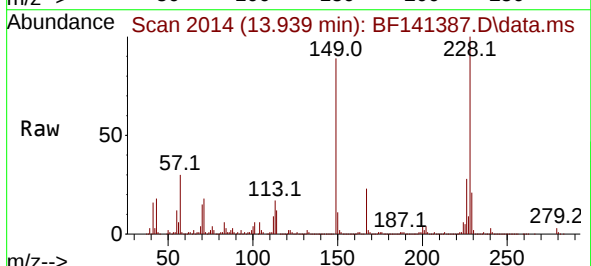
RT: 13.939 min Scan# 2014

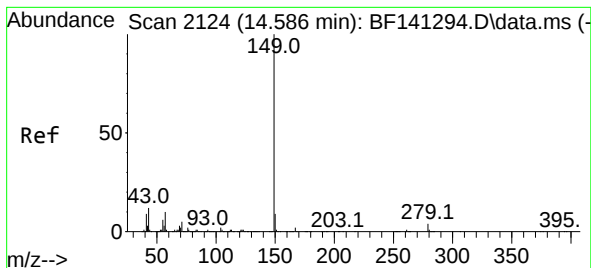
Delta R.T. -0.018 min

Lab File: BF141387.D

Acq: 03 Feb 2025 23:30

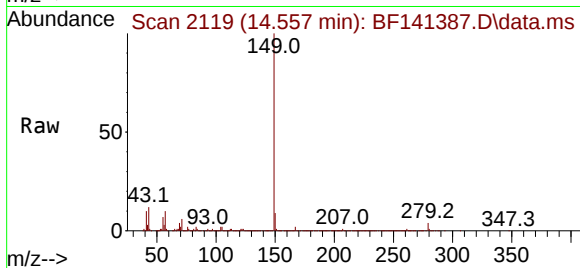
Tgt Ion:	149	Resp:	315365
Ion Ratio	Lower	Upper	
149	100		
167	26.3	21.8	32.8
279	3.7	3.3	4.9





#85
Di-n-octyl phthalate
Concen: 47.269 ng
RT: 14.557 min Scan# 2119
Delta R.T. -0.029 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

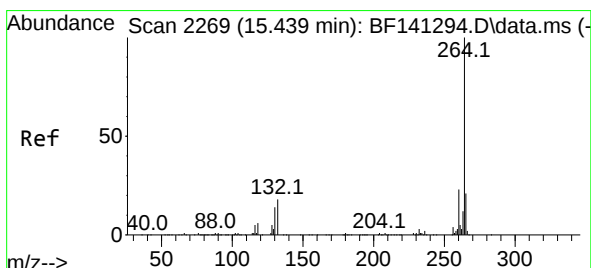
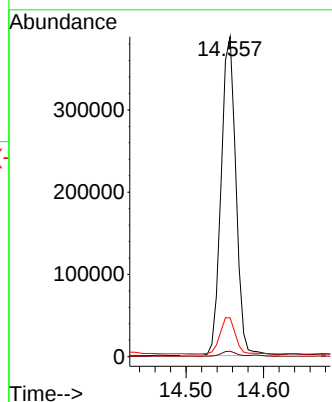
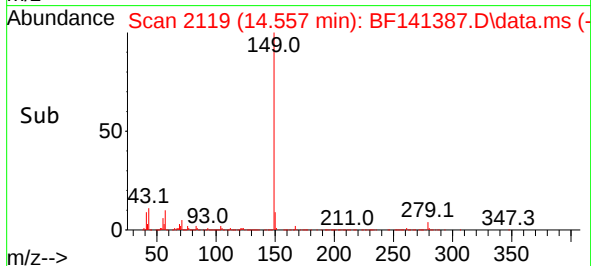
Instrument :
BNA_F
ClientSampleId :
RBR200030MS



Tgt Ion:149 Resp: 51755
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.8 9.8 14.8

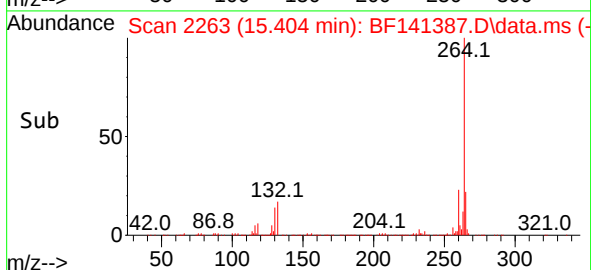
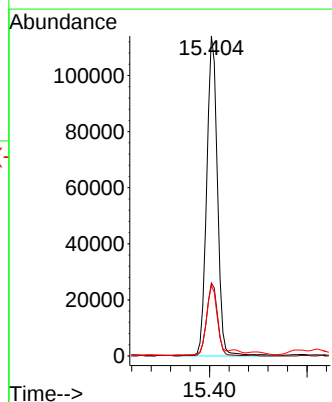
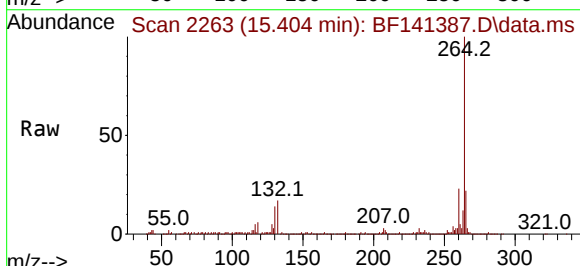
Manual Integrations
APPROVED

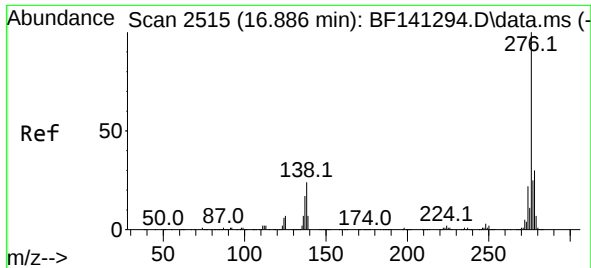
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.404 min Scan# 2263
Delta R.T. -0.035 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

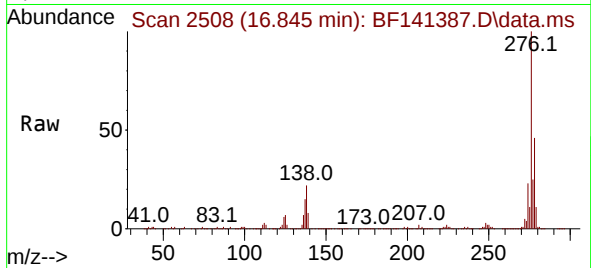
Tgt Ion:264 Resp: 173783
Ion Ratio Lower Upper
264 100
260 22.8 18.6 27.8
265 22.0 16.7 25.1





#87
Indeno(1,2,3-cd)pyrene
Concen: 42.227 ng
RT: 16.845 min Scan# 2192
Delta R.T. -0.053 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

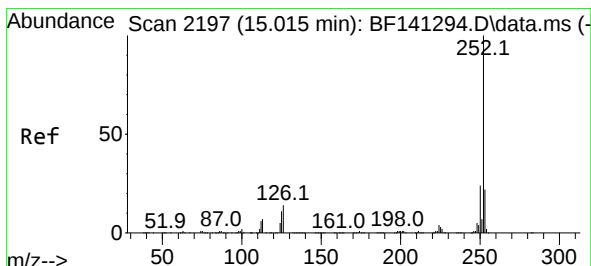
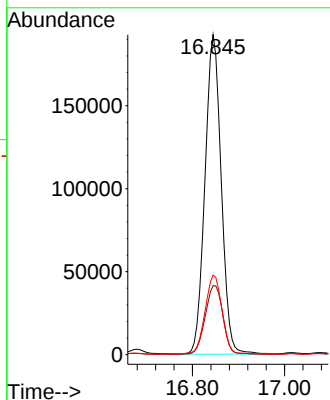
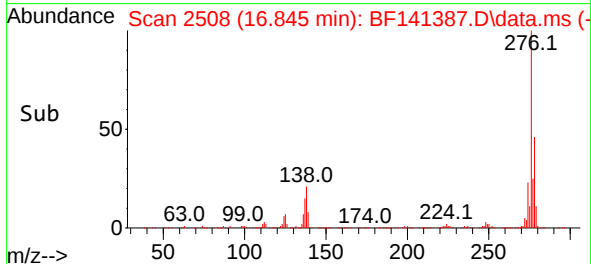
Instrument :
BNA_F
ClientSampleId :
RBR200030MS



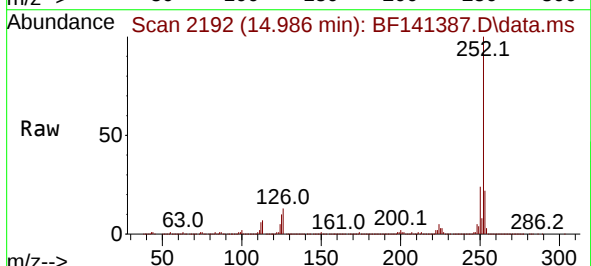
Tgt Ion:276 Resp: 47363
Ion Ratio Lower Upper
276 100
138 23.4 21.7 32.5
277 25.8 20.3 30.5

Manual Integrations
APPROVED

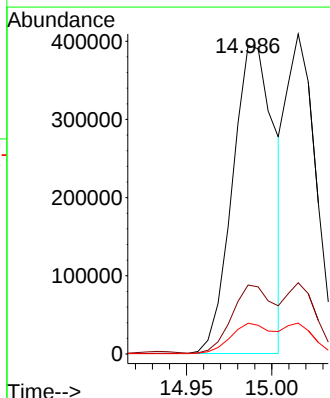
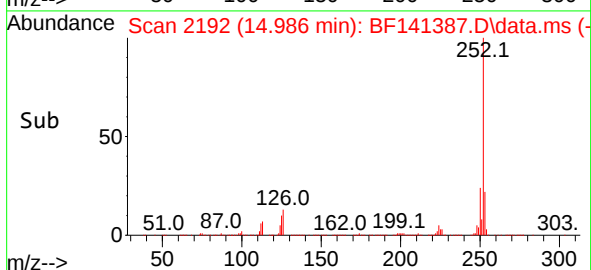
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025

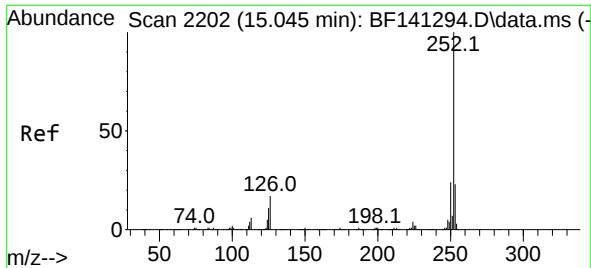


#88
Benzo(b)fluoranthene
Concen: 61.754 ng
RT: 14.986 min Scan# 2192
Delta R.T. -0.035 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30



Tgt Ion:252 Resp: 675061
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 10.0 8.6 12.8





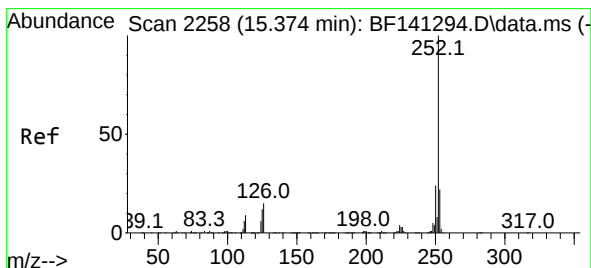
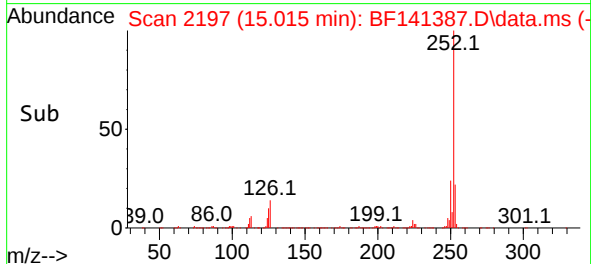
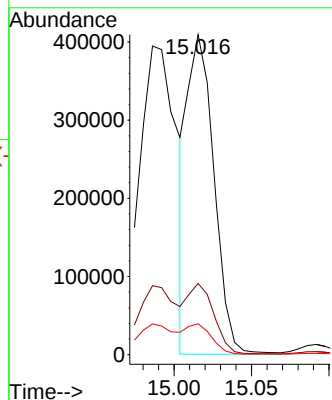
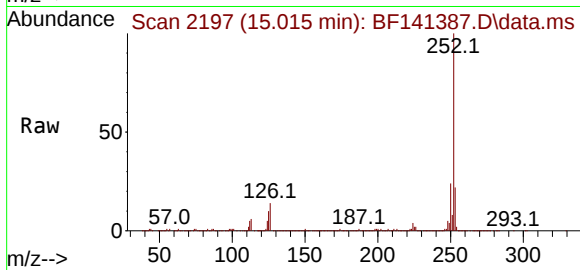
#89
Benzo(k)fluoranthene
Concen: 50.627 ng
RT: 15.015 min Scan# 2197
Delta R.T. -0.035 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

Instrument :
BNA_F
ClientSampleId :
RBR200030MS

Tgt Ion:252 Resp: 49026
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 9.6 8.4 12.6

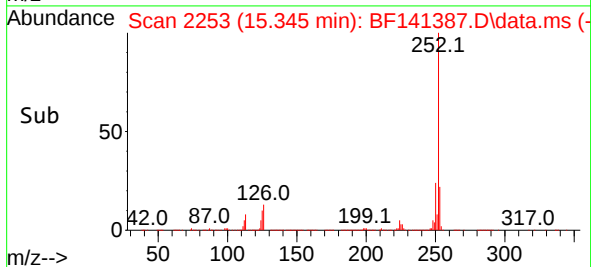
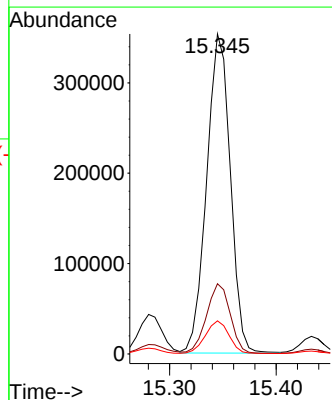
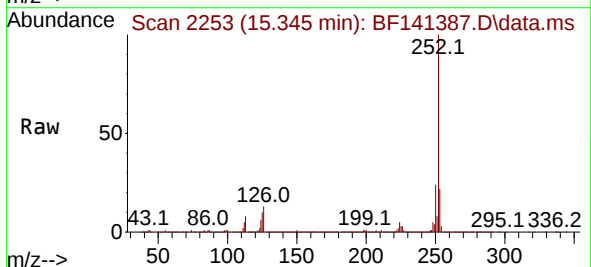
Manual Integrations
APPROVED

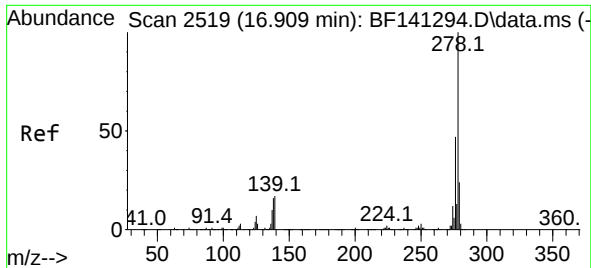
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#90
Benzo(a)pyrene
Concen: 59.105 ng
RT: 15.345 min Scan# 2253
Delta R.T. -0.035 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

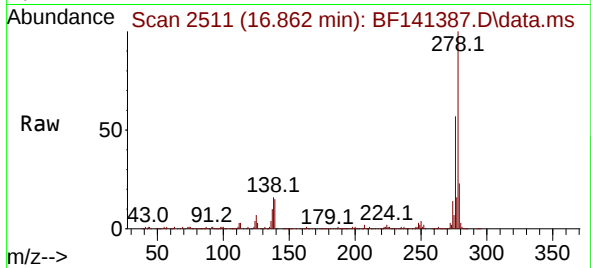
Tgt Ion:252 Resp: 545989
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 10.4 9.4 14.2





#91
Dibenzo(a,h)anthracene
Concen: 40.516 ng
RT: 16.862 min Scan# 2511
Delta R.T. -0.059 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

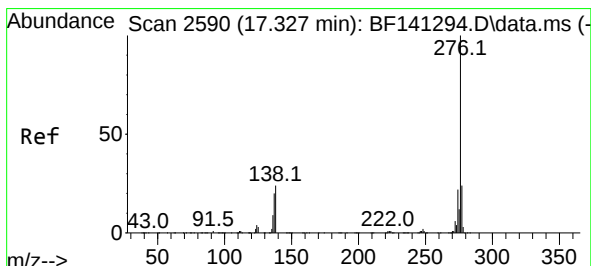
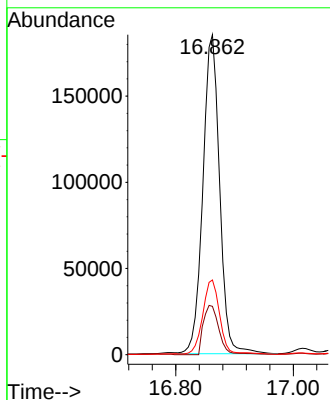
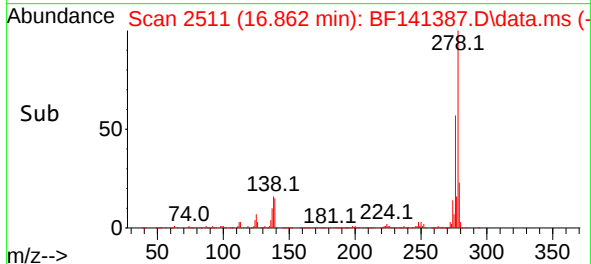
Instrument :
BNA_F
ClientSampleId :
RBR200030MS



Tgt Ion:278 Resp: 365614
Ion Ratio Lower Upper
278 100
139 15.1 13.9 20.9
279 23.3 18.8 28.2

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 37.770 ng
RT: 17.280 min Scan# 2582
Delta R.T. -0.065 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

Tgt Ion:276 Resp: 354400
Ion Ratio Lower Upper
276 100
277 23.1 19.2 28.8
138 20.8 19.0 28.4

