

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
 Data File : BF141414.D
 Acq On : 04 Feb 2025 17:49
 Operator : RC/JU
 Sample : Q1239-02MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 286MSD

Manual Integrations
 APPROVED

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

Quant Time: Feb 05 00:55:30 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	70255	20.000	ng	-0.01
21) Naphthalene-d8	8.075	136	281307	20.000	ng	#-0.01
39) Acenaphthene-d10	9.828	164	157470	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	281416	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	237517	20.000	ng	-0.01
86) Perylene-d12	15.427	264	188623	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	642752	140.453	ng	0.01
7) Phenol-d6	6.434	99	752431	129.248	ng	0.00
23) Nitrobenzene-d5	7.357	82	569738	106.768	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	254677	176.413	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1078535	105.421	ng	-0.01
79) Terphenyl-d14	12.910	244	1372162	89.094	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.646	88	93115	46.266	ng	# 81
3) Pyridine	3.352	79	159759	32.945	ng	95
4) n-Nitrosodimethylamine	3.269	42	143448	51.783	ng	83
6) Aniline	6.457	93	71117	14.431	ng	# 1
8) 2-Chlorophenol	6.581	128	239033	48.733	ng	97
9) Benzaldehyde	6.340	77	31393	9.310	ng	98
10) Phenol	6.446	94	254056	41.168	ng	84
11) bis(2-Chloroethyl)ether	6.528	93	241099	50.954	ng	98
12) 1,3-Dichlorobenzene	6.734	146	258617	47.819	ng	99
13) 1,4-Dichlorobenzene	6.810	146	262839	48.377	ng	99
14) 1,2-Dichlorobenzene	6.957	146	245991	48.352	ng	98
15) Benzyl Alcohol	6.940	79	210921	53.016	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.069	45	372040	45.216	ng	72
17) 2-Methylphenol	7.057	107	191107	47.939	ng	# 88
18) Hexachloroethane	7.298	117	99342	49.564	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	172973	50.004	ng	99
20) 3+4-Methylphenols	7.210	107	243234	49.693	ng	91
22) Acetophenone	7.198	105	385443	57.644	ng	# 96
24) Nitrobenzene	7.375	77	262397	47.450	ng	99
25) Isophorone	7.610	82	465244	50.437	ng	98
26) 2-Nitrophenol	7.687	139	129705	49.733	ng	93
27) 2,4-Dimethylphenol	7.734	122	205429m	61.884	ng	
28) bis(2-Chloroethoxy)met...	7.822	93	282960	48.091	ng	99
29) 2,4-Dichlorophenol	7.940	162	205277	50.512	ng	100
30) 1,2,4-Trichlorobenzene	8.016	180	221693	47.768	ng	100
31) Naphthalene	8.092	128	712731	47.961	ng	100
32) Benzoic acid	7.851	122	142509	46.700	ng	96
33) 4-Chloroaniline	8.145	127	45542	9.037	ng	99
34) Hexachlorobutadiene	8.210	225	136669	50.215	ng	100
35) Caprolactam	8.510	113	61035m	45.987	ng	
36) 4-Chloro-3-methylphenol	8.639	107	226566	51.975	ng	96
37) 2-Methylnaphthalene	8.787	142	457286	48.415	ng	99
38) 1-Methylnaphthalene	8.887	142	445710	48.039	ng	100
40) 1,2,4,5-Tetrachloroben...	8.951	216	244298	54.533	ng	99
41) Hexachlorocyclopentadiene	8.939	237	294913	222.908	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	145582	49.649	ng	99

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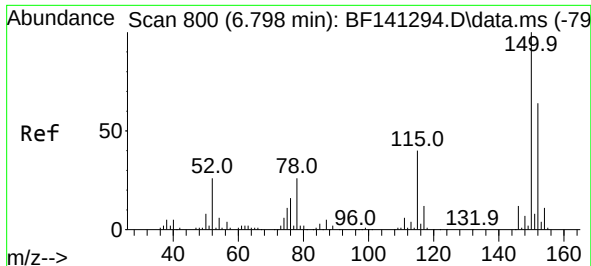
Manual Integrations
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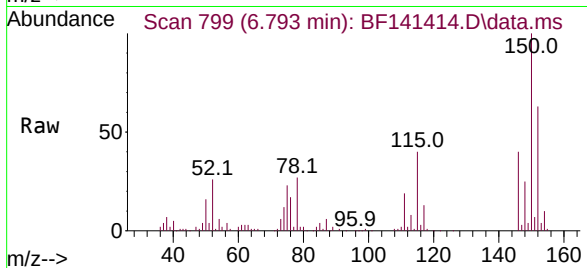
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	161466	50.594	ng	98
46) 1,1'-Biphenyl	9.251	154	658941	53.656	ng	98
47) 2-Chloronaphthalene	9.275	162	451982	47.218	ng	100
48) 2-Nitroaniline	9.375	65	152871	50.774	ng	99
49) Acenaphthylene	9.692	152	709494	52.950	ng	100
50) Dimethylphthalate	9.551	163	549750	51.690	ng	100
51) 2,6-Dinitrotoluene	9.616	165	120175	48.665	ng	97
52) Acenaphthene	9.863	154	545354m	56.971	ng	
53) 3-Nitroaniline	9.781	138	31977	13.212	ng	98
54) 2,4-Dinitrophenol	9.892	184	149107	129.892	ng	90
55) Dibenzofuran	10.034	168	654210	51.057	ng	97
56) 4-Nitrophenol	9.969	139	200921	113.511	ng	89
57) 2,4-Dinitrotoluene	10.022	165	171535	53.651	ng	93
58) Fluorene	10.381	166	519090	52.227	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	143641	57.211	ng	99
60) Diethylphthalate	10.257	149	538312	52.201	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	250518	51.601	ng	96
62) 4-Nitroaniline	10.398	138	114661	48.187	ng	91
63) Azobenzene	10.533	77	519193	50.298	ng	98
65) 4,6-Dinitro-2-methylph...	10.428	198	99591	59.830	ng	99
66) n-Nitrosodiphenylamine	10.492	169	432642	47.533	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	157980	50.144	ng	98
68) Hexachlorobenzene	10.928	284	167348	50.075	ng	97
69) Atrazine	11.022	200	131539	43.223	ng	99
70) Pentachlorophenol	11.128	266	227026	116.008	ng	99
71) Phenanthrene	11.339	178	788550	52.128	ng	99
72) Anthracene	11.392	178	809258	54.598	ng	100
73) Carbazole	11.551	167	695438	52.913	ng	99
74) Di-n-butylphthalate	11.880	149	777362	48.805	ng	99
75) Fluoranthene	12.533	202	858911	57.504	ng	98
77) Benzidine	12.657	184	26197	3.440	ng	# 1
78) Pyrene	12.763	202	871937	38.244	ng	100
80) Butylbenzylphthalate	13.380	149	381092	47.845	ng	98
81) Benzo(a)anthracene	13.951	228	807942	49.295	ng	99
82) 3,3'-Dichlorobenzidine	13.916	252	49132	9.425	ng	96
83) Chrysene	13.992	228	708546	47.170	ng	99
84) Bis(2-ethylhexyl)phtha...	13.945	149	509927	50.467	ng	99
85) Di-n-octyl phthalate	14.574	149	811925	51.736	ng	98
87) Indeno(1,2,3-cd)pyrene	16.868	276	621470	51.048	ng	96
88) Benzo(b)fluoranthene	15.004	252	673394	56.755	ng	98
89) Benzo(k)fluoranthene	15.033	252	569368	54.169	ng	99
90) Benzo(a)pyrene	15.363	252	553266	55.181	ng	99
91) Dibenzo(a,h)anthracene	16.892	278	499768	51.025	ng	97
92) Benzo(g,h,i)perylene	17.310	276	483975	47.522	ng	# 95

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 70
Delta R.T. -0.011 min
Lab File: BF141414.D
Acq: 04 Feb 2025 17:49

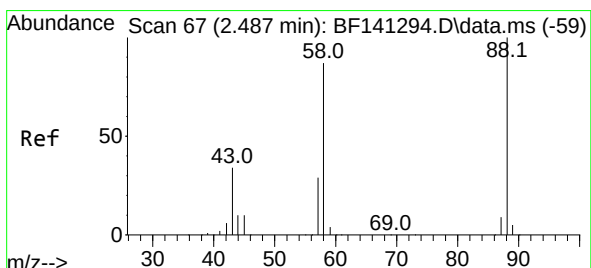
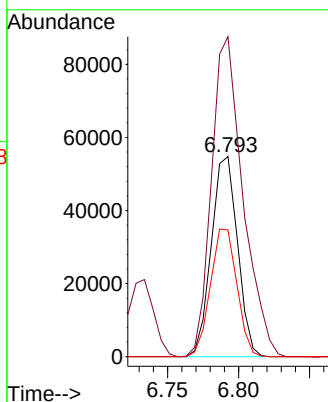
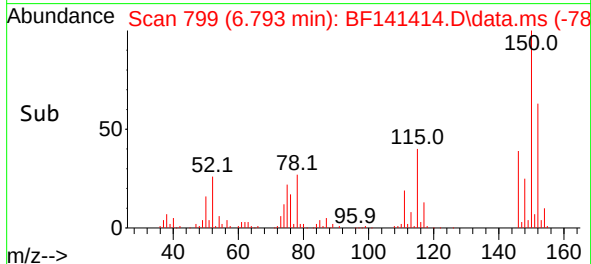
Instrument :
BNA_F
ClientSampleId :
286MSD



Tgt Ion:152 Resp: 7025
Ion Ratio Lower Upper
152 100
150 159.8 125.9 188.9
115 63.3 49.7 74.5

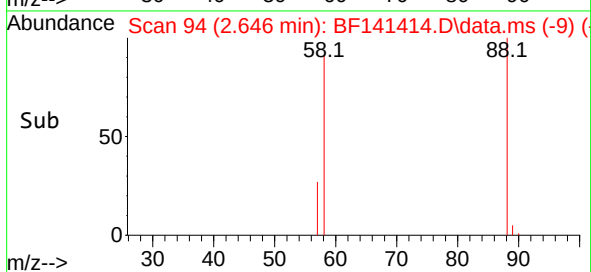
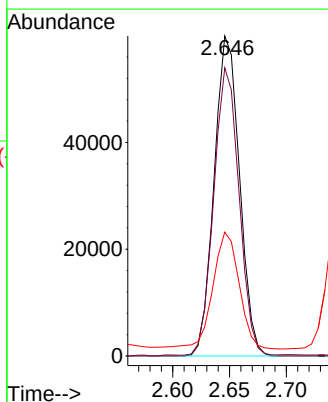
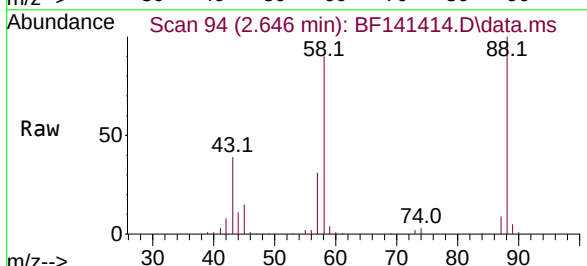
Manual Integrations
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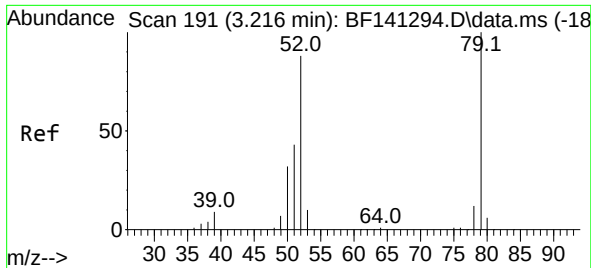
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#2
1,4-Dioxane
Concen: 46.266 ng
RT: 2.646 min Scan# 94
Delta R.T. 0.153 min
Lab File: BF141414.D
Acq: 04 Feb 2025 17:49

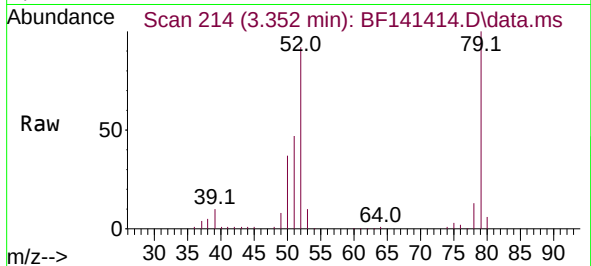
Tgt Ion: 88 Resp: 93115
Ion Ratio Lower Upper
88 100
58 90.3 70.2 105.4
43 0.0 27.6 41.4





#3
Pyridine
Concen: 32.945 ng
RT: 3.352 min Scan# 21
Delta R.T. 0.123 min
Lab File: BF141414.D
Acq: 04 Feb 2025 17:49

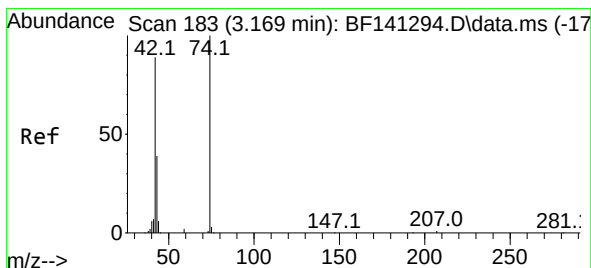
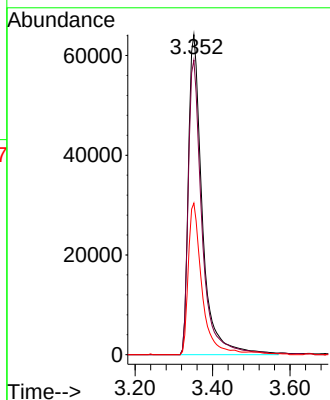
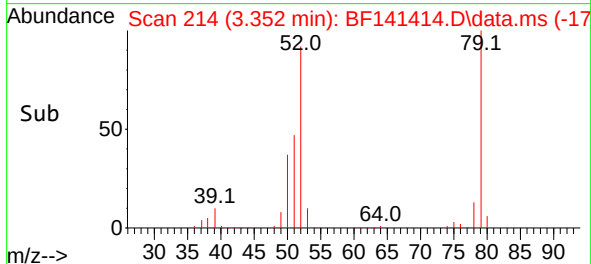
Instrument :
BNA_F
ClientSampleId :
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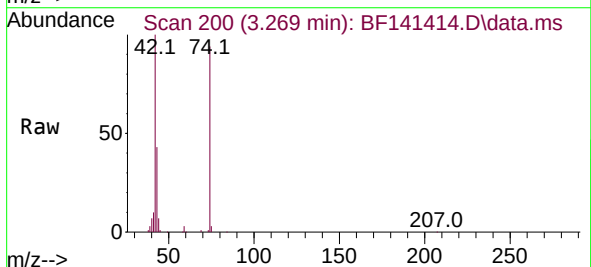
Tgt Ion: 79 Resp: 15975
Ion Ratio Lower Upper
79 100
52 92.1 70.3 105.5
51 47.4 34.3 51.5

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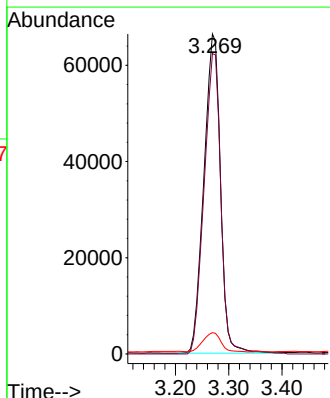
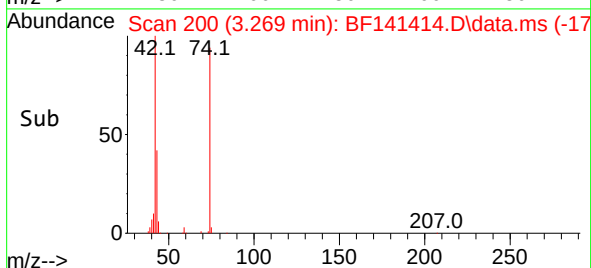
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

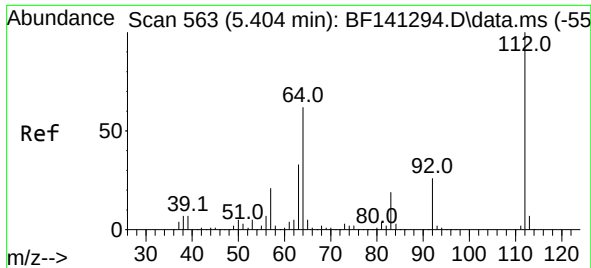


#4
n-Nitrosodimethylamine
Concen: 51.783 ng
RT: 3.269 min Scan# 200
Delta R.T. 0.071 min
Lab File: BF141414.D
Acq: 04 Feb 2025 17:49



Tgt Ion: 42 Resp: 143448
Ion Ratio Lower Upper
42 100
74 93.8 90.3 135.5
44 6.7 5.7 8.5





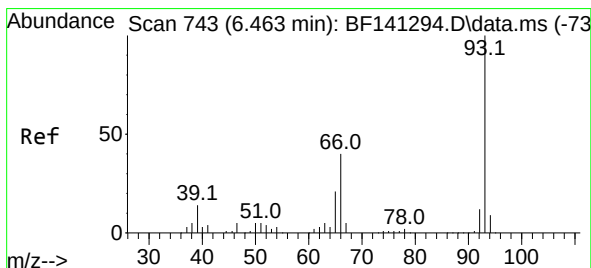
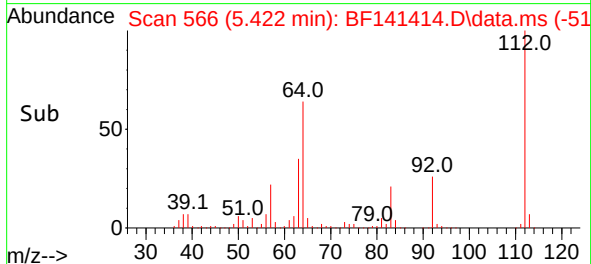
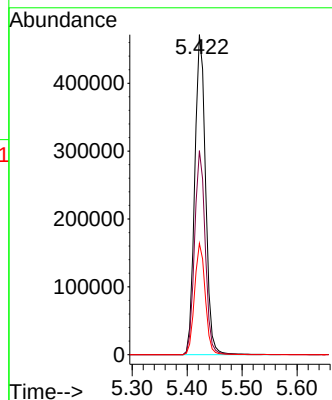
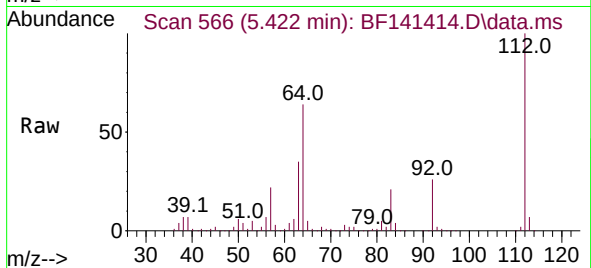
#5
2-Fluorophenol
Concen: 140.453 ng
RT: 5.422 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF141414.D
Acq: 04 Feb 2025 17:49

Instrument :
BNA_F
ClientSampleId :
286MSD

Tgt Ion:112 Resp: 642752
Ion Ratio Lower Upper
112 100
64 63.8 49.8 74.8
63 34.8 26.1 39.1

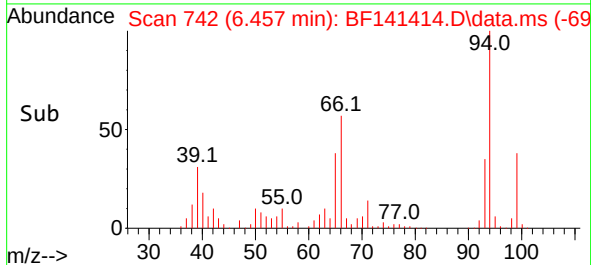
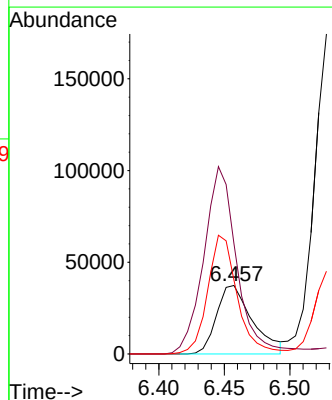
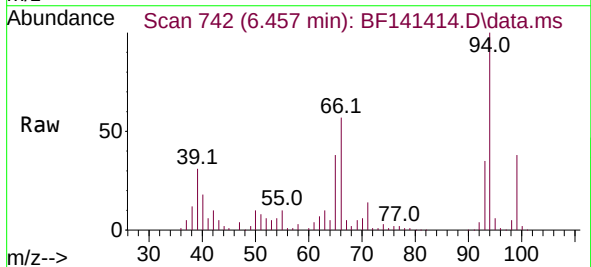
Manual Integrations
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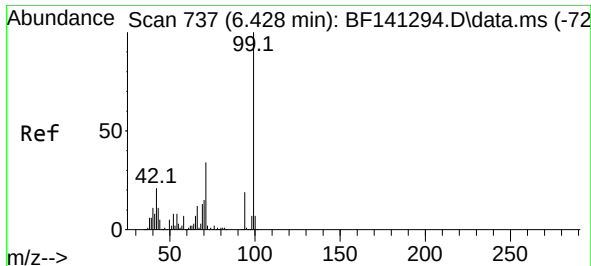
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#6
Aniline
Concen: 14.431 ng
RT: 6.457 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF141414.D
Acq: 04 Feb 2025 17:49

Tgt Ion: 93 Resp: 71117
Ion Ratio Lower Upper
93 100
66 161.0 32.5 48.7#
65 107.8 17.0 25.6#





#7

Phenol-d6

Concen: 129.248 ng

RT: 6.434 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF141414.D

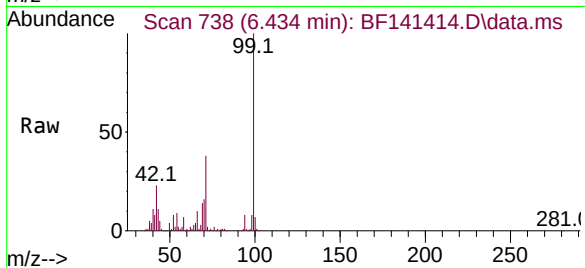
Acq: 04 Feb 2025 17:49

Instrument :

BNA_F

ClientSampleId :

286MSD



Tgt Ion: 99 Resp: 75243

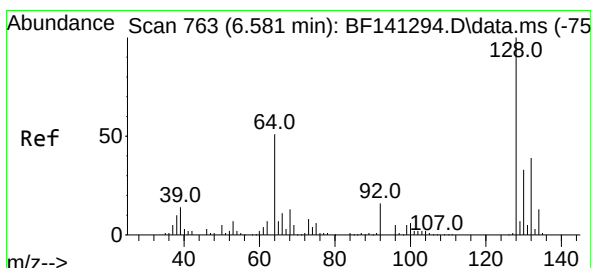
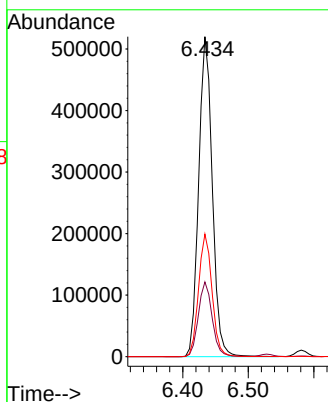
Ion	Ratio	Lower	Upper
99	100		
42	23.3	17.1	25.7
71	38.3	26.9	40.3

Manual Integrations

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Supervised By :mohammad ahmed 02/05/2025



#8

2-Chlorophenol

Concen: 48.733 ng

RT: 6.581 min Scan# 763

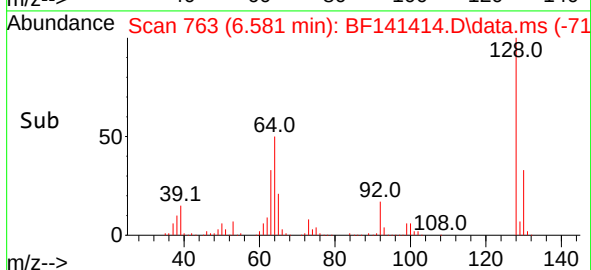
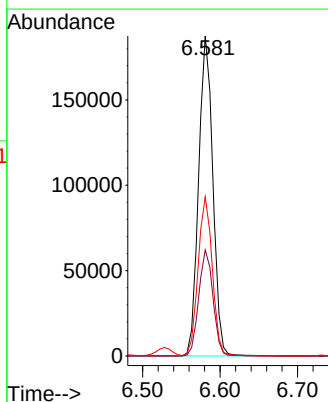
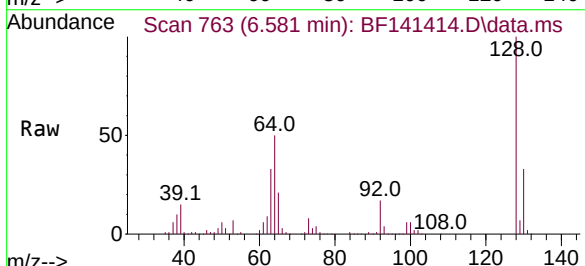
Delta R.T. -0.012 min

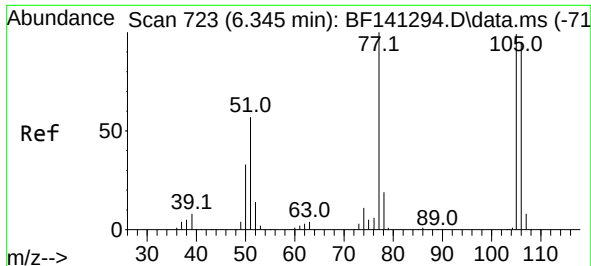
Lab File: BF141414.D

Acq: 04 Feb 2025 17:49

Tgt Ion:128 Resp: 239033

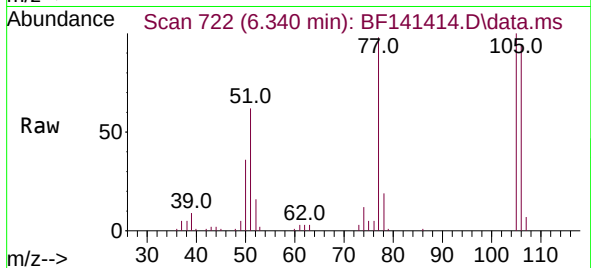
Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.5	52.5
64	49.7	32.9	72.9





#9
Benzaldehyde
Concen: 9.310 ng
RT: 6.340 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141414.D
Acq: 04 Feb 2025 17:49

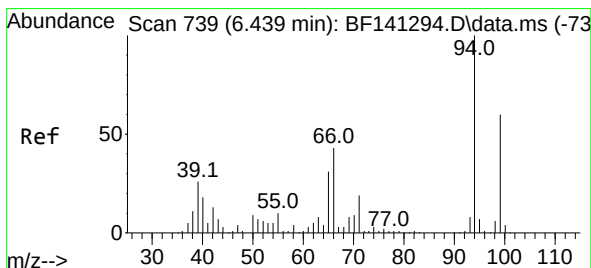
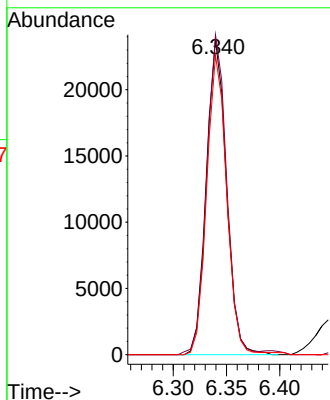
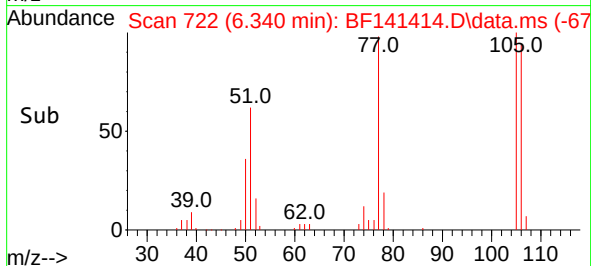
Instrument :
BNA_F
ClientSampleId :
286MSD



Tgt Ion: 77 Resp: 3139
Ion Ratio Lower Upper
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105 101.8 79.4 119.4
106 95.2 74.6 114.6

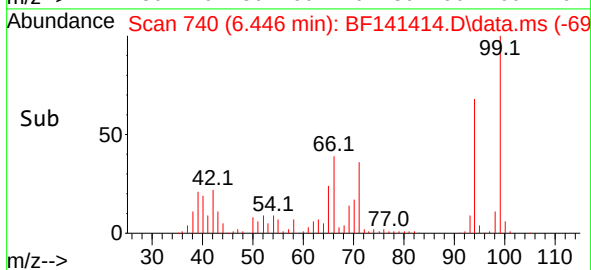
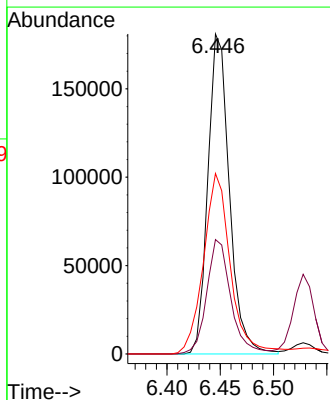
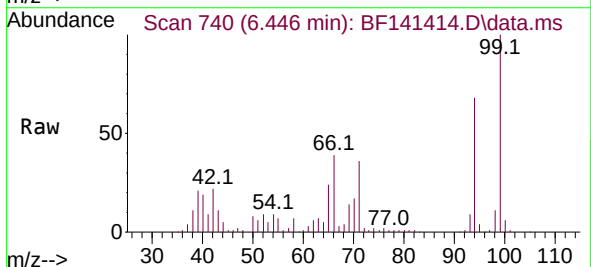
Manual Integrations
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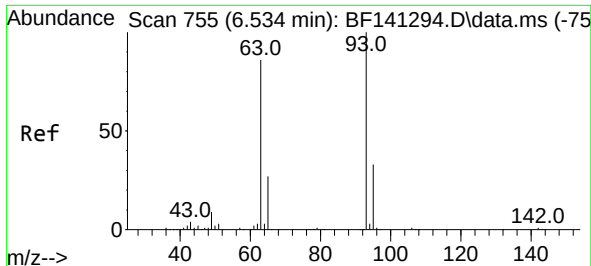
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#10
Phenol
Concen: 41.168 ng
RT: 6.446 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF141414.D
Acq: 04 Feb 2025 17:49

Tgt Ion: 94 Resp: 254056
Ion Ratio Lower Upper
94 100
65 35.8 10.8 50.8
66 56.4 23.3 63.3





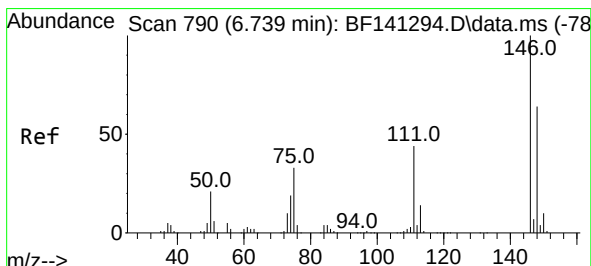
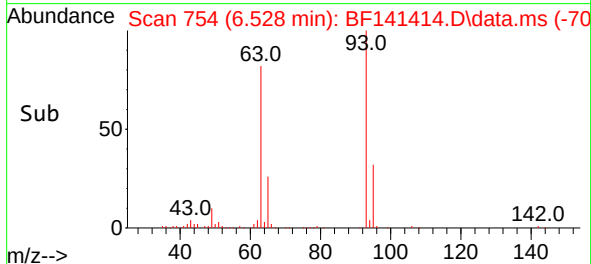
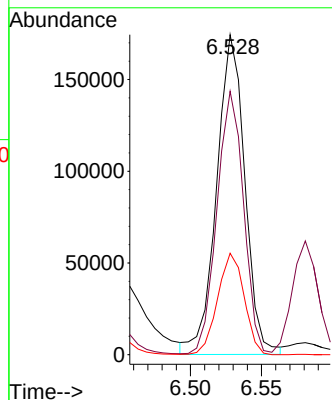
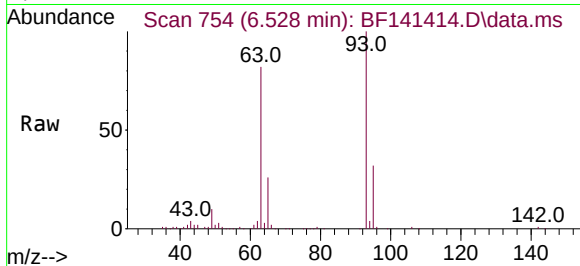
#11
bis(2-Chloroethyl)ether
Concen: 50.954 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.018 min
Lab File: BF141414.D
Acq: 04 Feb 2025 17:49

Instrument :
BNA_F
ClientSampleId :
286MSD

Tgt Ion: 93 Resp: 241099
Ion Ratio Lower Upper
93 100
63 82.3 65.0 105.0
95 31.7 12.4 52.4

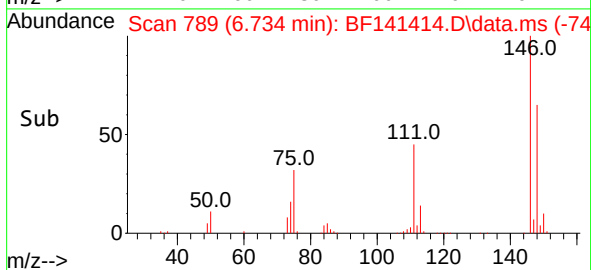
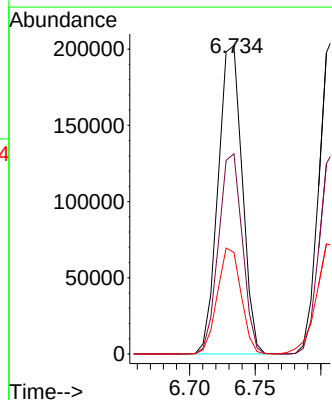
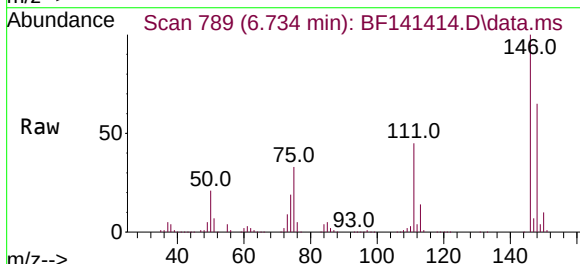
Manual Integrations
APPROVED

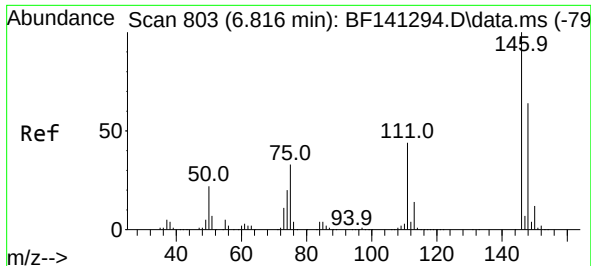
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#12
1,3-Dichlorobenzene
Concen: 47.819 ng
RT: 6.734 min Scan# 789
Delta R.T. -0.012 min
Lab File: BF141414.D
Acq: 04 Feb 2025 17:49

Tgt Ion:146 Resp: 258617
Ion Ratio Lower Upper
146 100
148 64.9 51.2 76.8
75 32.9 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 48.377 ng

RT: 6.810 min Scan# 803

Delta R.T. -0.012 min

Lab File: BF141414.D

Acq: 04 Feb 2025 17:49

Instrument :

BNA_F

ClientSampleId :

286MSD

Tgt Ion:146 Resp: 262839

Ion Ratio Lower Upper

146 100

148 63.8 51.2 76.8

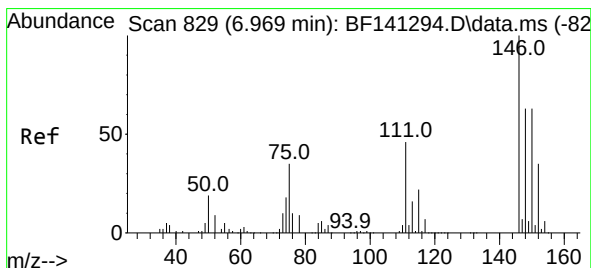
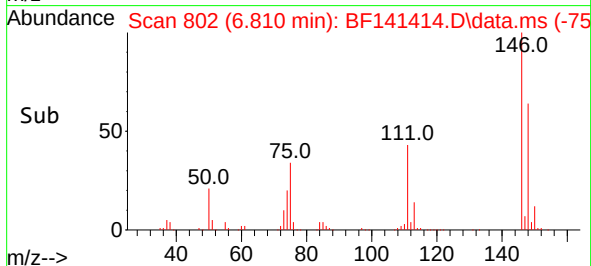
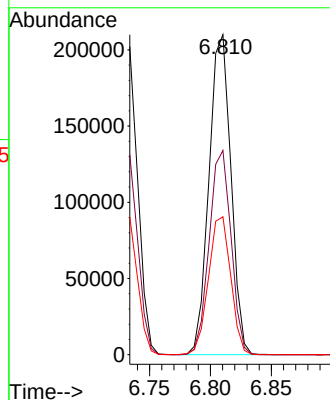
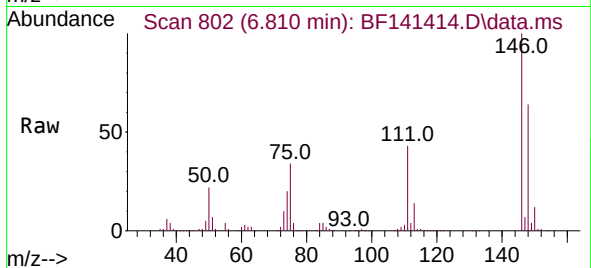
111 43.1 35.0 52.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/05/2025

Supervised By :mohammad ahmed 02/05/2025



#14

1,2-Dichlorobenzene

Concen: 48.352 ng

RT: 6.957 min Scan# 827

Delta R.T. -0.018 min

Lab File: BF141414.D

Acq: 04 Feb 2025 17:49

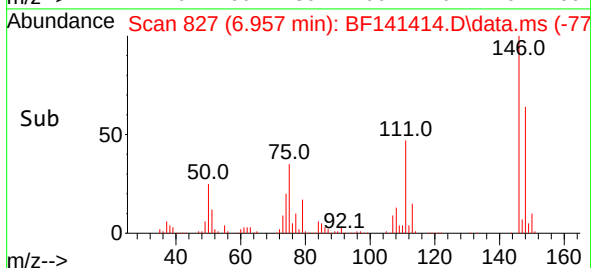
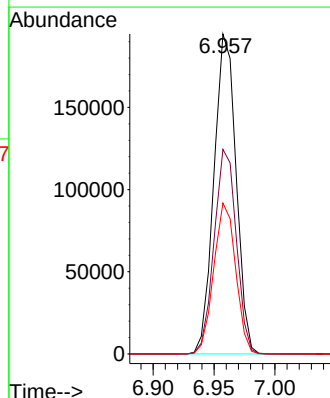
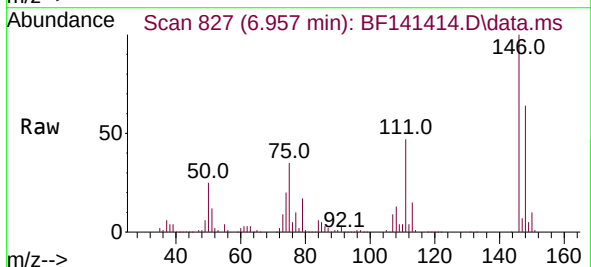
Tgt Ion:146 Resp: 245991

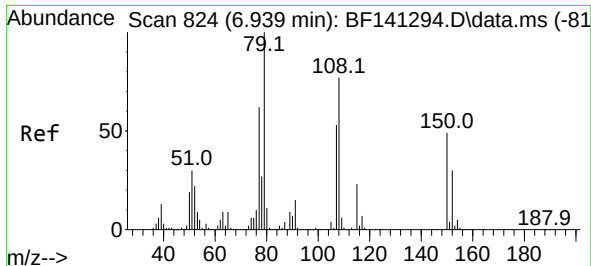
Ion Ratio Lower Upper

146 100

148 64.0 50.5 75.7

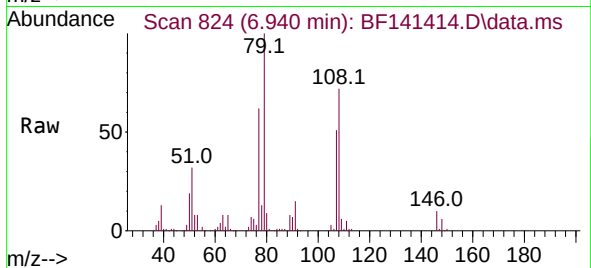
111 47.1 36.6 55.0





#15
Benzyl Alcohol
Concen: 53.016 ng
RT: 6.940 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141414.D
Acq: 04 Feb 2025 17:49

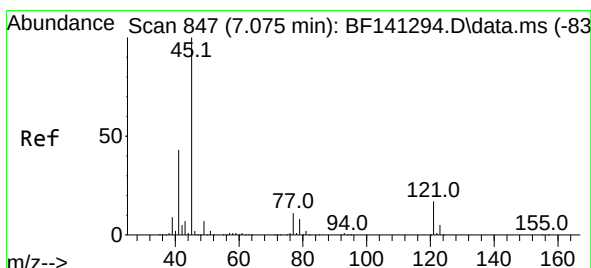
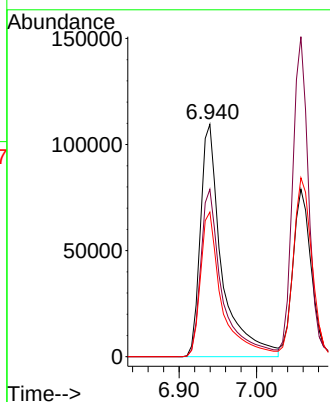
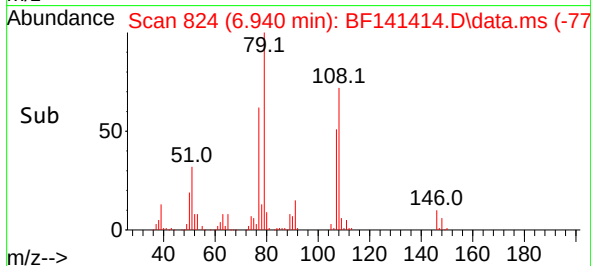
Instrument :
BNA_F
ClientSampleId :
286MSD



Tgt Ion: 79 Resp: 21092
Ion Ratio Lower Upper
79 100
108 72.1 61.4 92.0
77 62.3 49.9 74.9

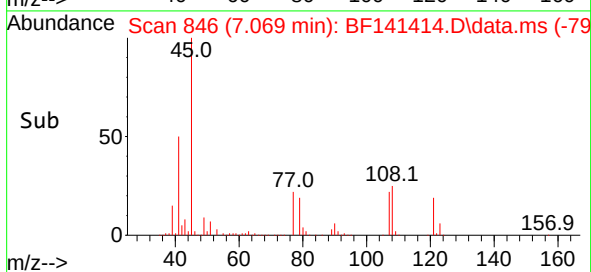
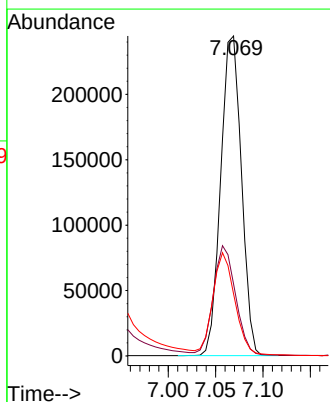
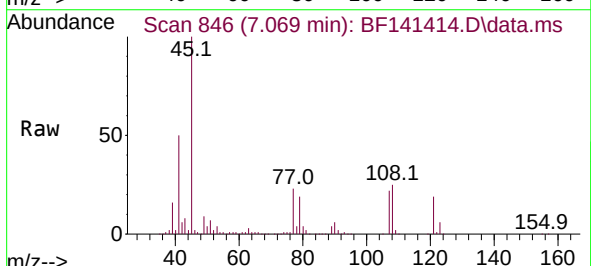
Manual Integrations
APPROVED

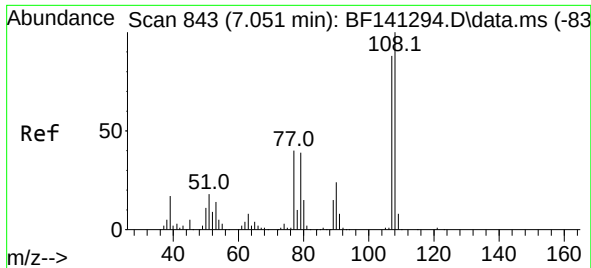
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.216 ng
RT: 7.069 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF141414.D
Acq: 04 Feb 2025 17:49

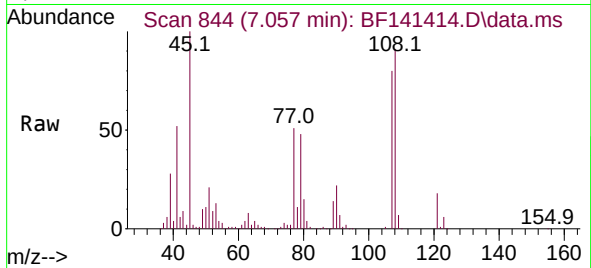
Tgt Ion: 45 Resp: 372040
Ion Ratio Lower Upper
45 100
77 22.5 0.0 31.8
79 19.4 0.0 29.1





#17
2-Methylphenol
Concen: 47.939 ng
RT: 7.057 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF141414.D
Acq: 04 Feb 2025 17:49

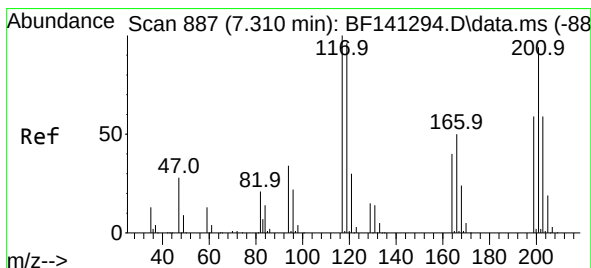
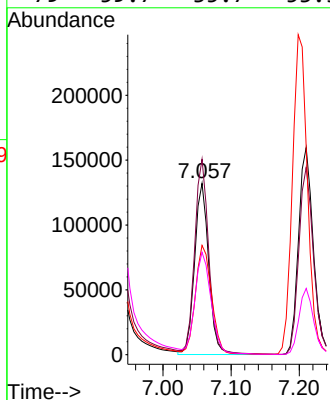
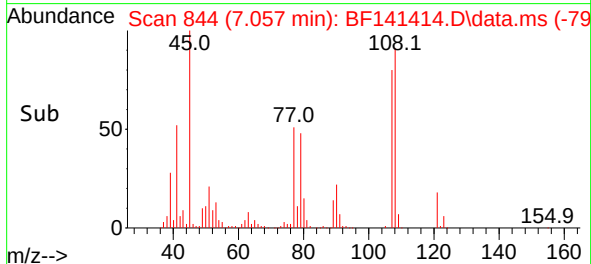
Instrument :
BNA_F
ClientSampleId :
286MSD



Tgt Ion:107 Resp: 191107
Ion Ratio Lower Upper
107 100
108 114.1 90.8 136.2
77 63.8 36.2 54.4
79 59.7 35.7 53.5#

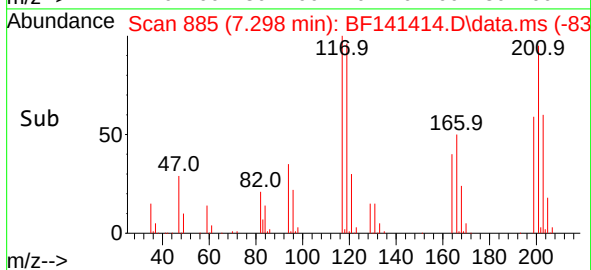
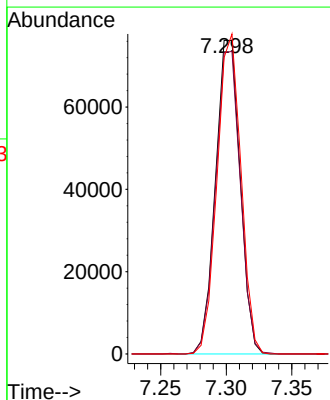
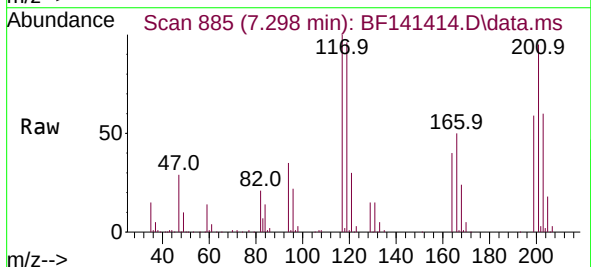
Manual Integrations
APPROVED

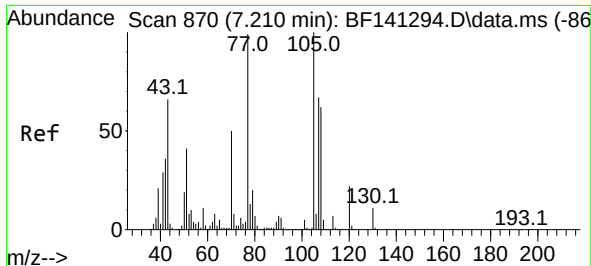
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#18
Hexachloroethane
Concen: 49.564 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.018 min
Lab File: BF141414.D
Acq: 04 Feb 2025 17:49

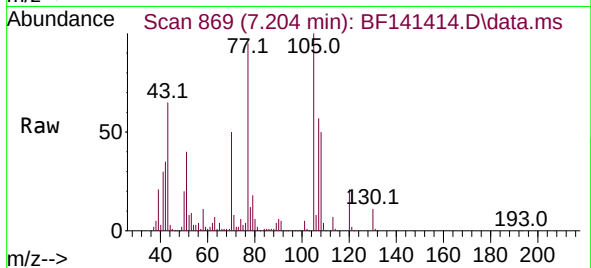
Tgt Ion:117 Resp: 99342
Ion Ratio Lower Upper
117 100
119 96.1 76.6 114.8
201 94.6 74.8 112.2





#19
n-Nitroso-di-n-propylamine
Concen: 50.004 ng
RT: 7.204 min Scan# 80
Delta R.T. -0.024 min
Lab File: BF141414.D
Acq: 04 Feb 2025 17:49

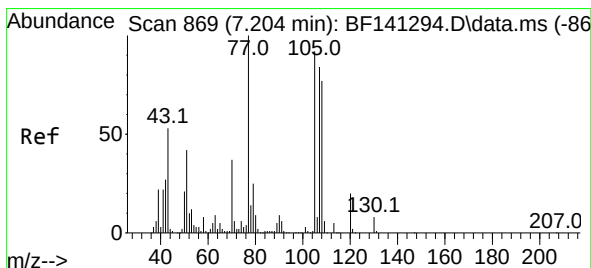
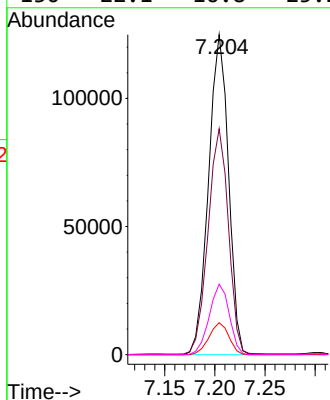
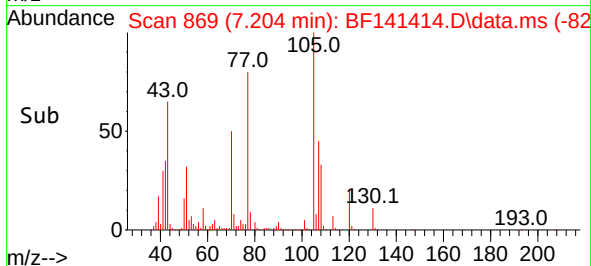
Instrument :
BNA_F
ClientSampleId :
286MSD



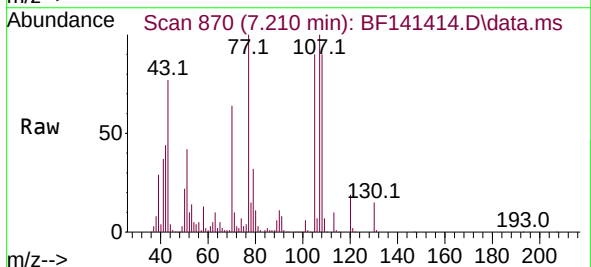
Tgt Ion: 70 Resp: 17297
Ion Ratio Lower Upper
70 100
42 70.6 56.8 85.2
101 10.0 7.7 11.5
130 22.1 16.8 25.2

Manual Integrations
APPROVED

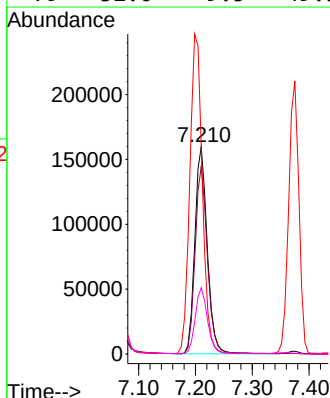
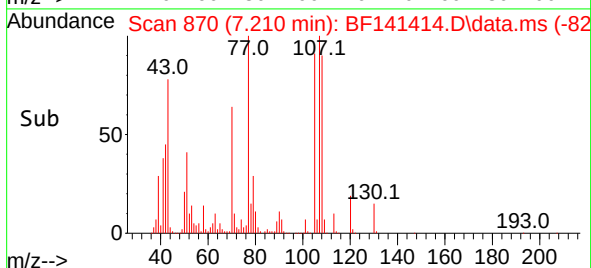
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

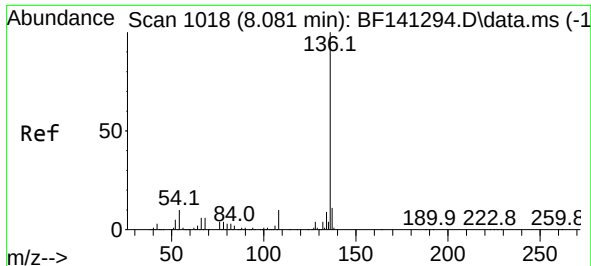


#20
3+4-Methylphenols
Concen: 49.693 ng
RT: 7.210 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF141414.D
Acq: 04 Feb 2025 17:49



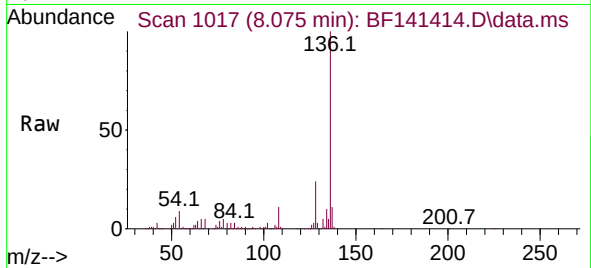
Tgt Ion:107 Resp: 243234
Ion Ratio Lower Upper
107 100
108 90.5 70.9 110.9
77 100.1 98.5 138.5
79 32.0 9.5 49.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BF141414.D
Acq: 04 Feb 2025 17:49

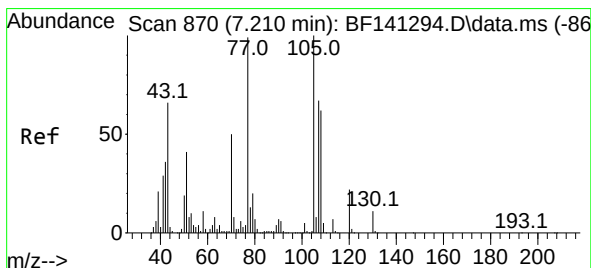
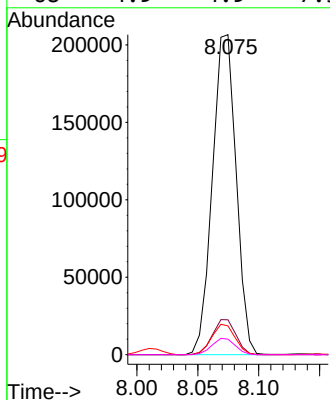
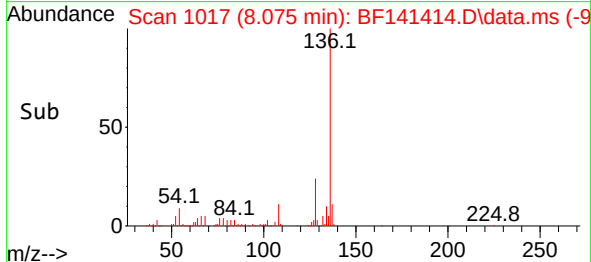
Instrument :
BNA_F
ClientSampleId :
286MSD



Tgt Ion:136 Resp: 28130
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.0 7.8 11.8
68 4.9 4.9 7.3#

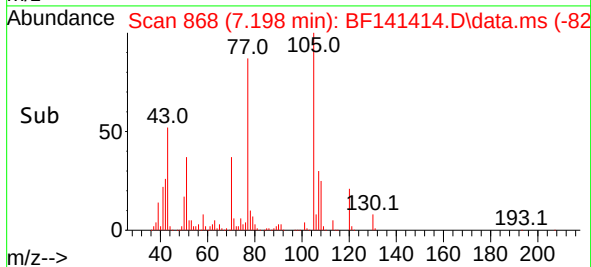
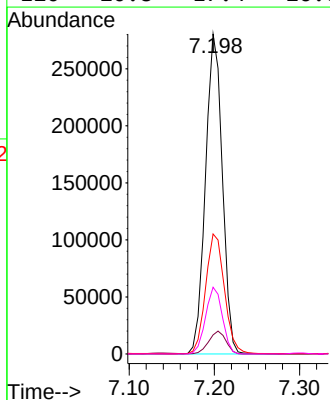
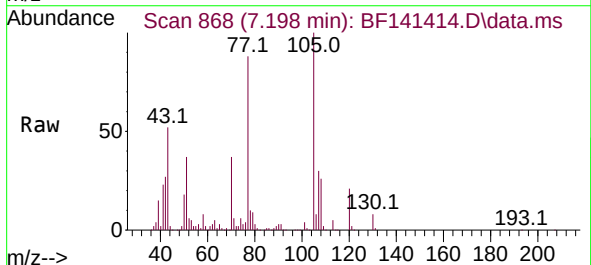
Manual Integrations
APPROVED

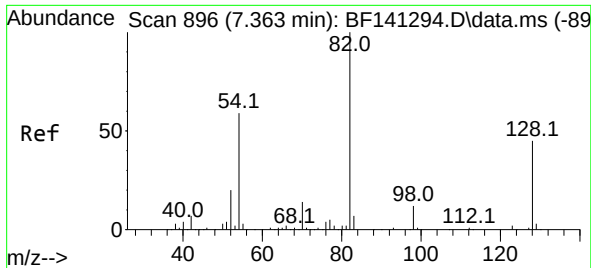
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#22
Acetophenone
Concen: 57.644 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.018 min
Lab File: BF141414.D
Acq: 04 Feb 2025 17:49

Tgt Ion:105 Resp: 385443
Ion Ratio Lower Upper
105 100
71 5.9 6.8 10.2#
51 37.5 32.6 49.0
120 20.8 17.4 26.0





#23

Nitrobenzene-d5

Concen: 106.768 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF141414.D

Acq: 04 Feb 2025 17:49

Instrument :

BNA_F

ClientSampleId :

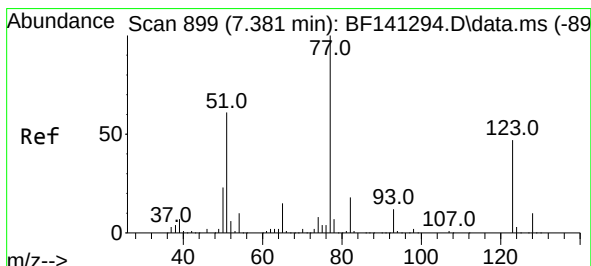
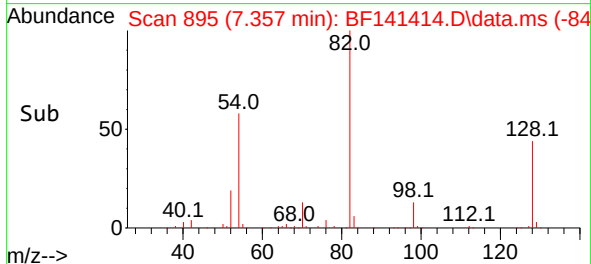
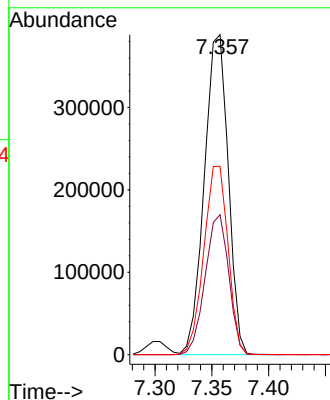
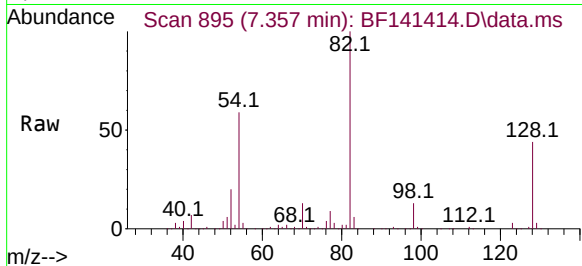
286MSD

Tgt Ion: 82 Resp: 569738
 Ion Ratio Lower Upper
 82 100
 128 43.7 35.7 53.5
 54 58.9 47.1 70.7

Manual Integrations

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



#24

Nitrobenzene

Concen: 47.450 ng

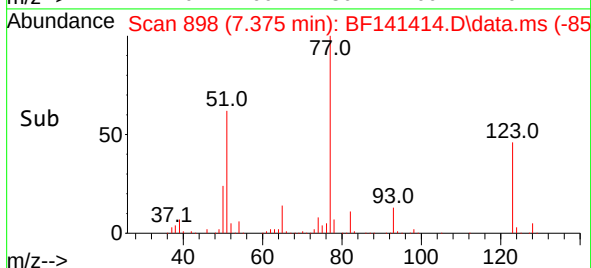
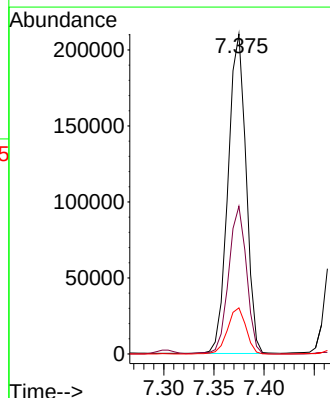
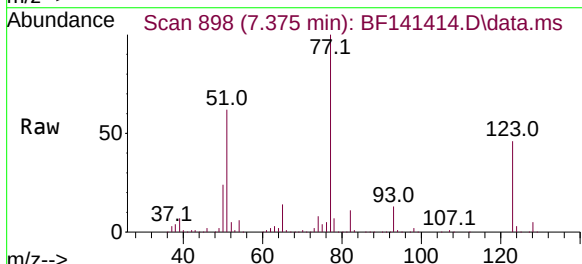
RT: 7.375 min Scan# 898

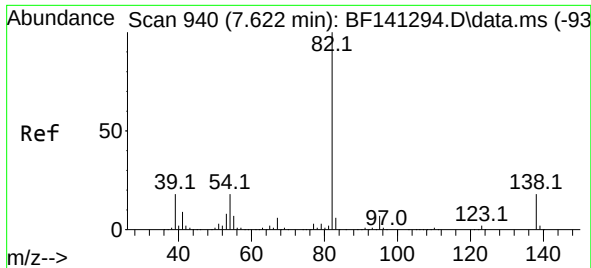
Delta R.T. -0.018 min

Lab File: BF141414.D

Acq: 04 Feb 2025 17:49

Tgt Ion: 77 Resp: 262397
 Ion Ratio Lower Upper
 77 100
 123 46.2 37.3 55.9
 65 14.4 11.8 17.6





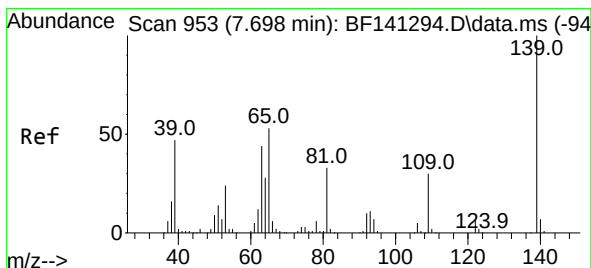
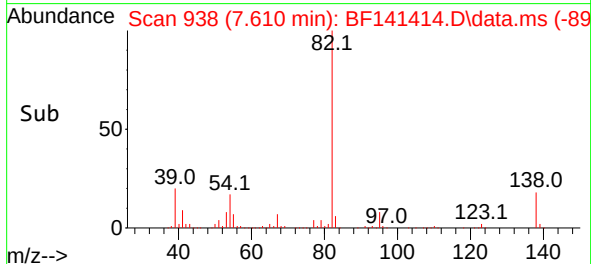
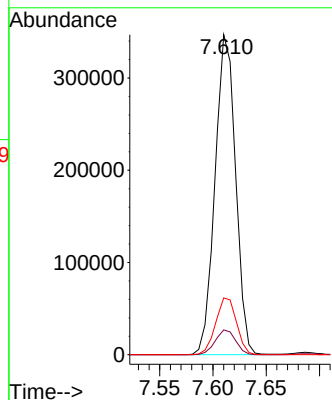
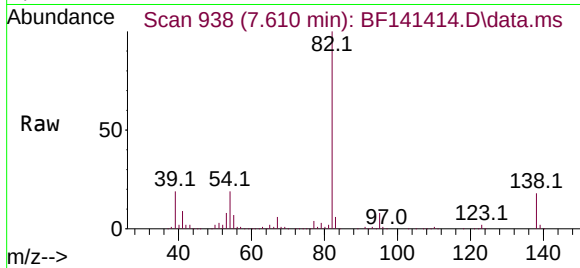
#25
Isophorone
Concen: 50.437 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.018 min
Lab File: BF141414.D
Acq: 04 Feb 2025 17:49

Instrument :
BNA_F
ClientSampleId :
286MSD

Tgt Ion: 82 Resp: 465244
Ion Ratio Lower Upper
82 100
95 7.8 5.8 8.6
138 17.7 14.7 22.1

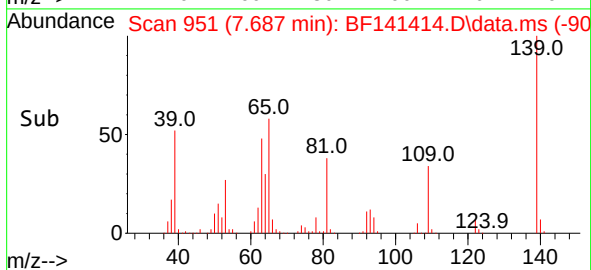
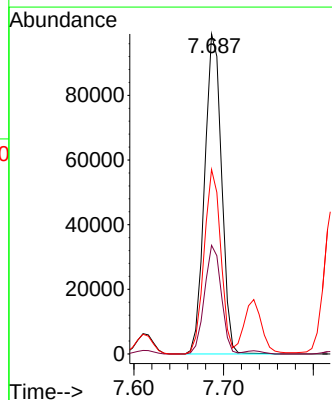
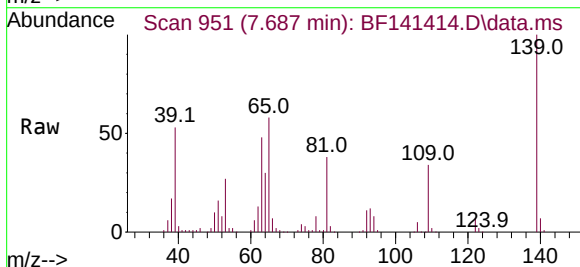
Manual Integrations
APPROVED

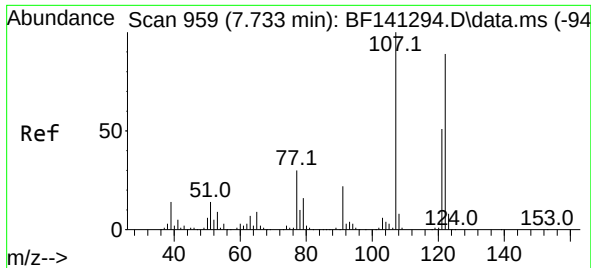
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#26
2-Nitrophenol
Concen: 49.733 ng
RT: 7.687 min Scan# 951
Delta R.T. -0.018 min
Lab File: BF141414.D
Acq: 04 Feb 2025 17:49

Tgt Ion:139 Resp: 129705
Ion Ratio Lower Upper
139 100
109 33.9 23.8 35.6
65 57.7 42.2 63.4





#27

2,4-Dimethylphenol

Concen: 61.884 ng m

RT: 7.734 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF141414.D

Acq: 04 Feb 2025 17:49

Instrument :

BNA_F

ClientSampleId :

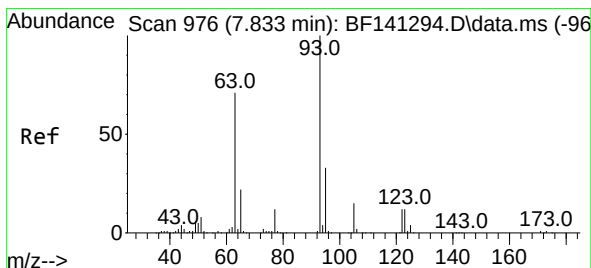
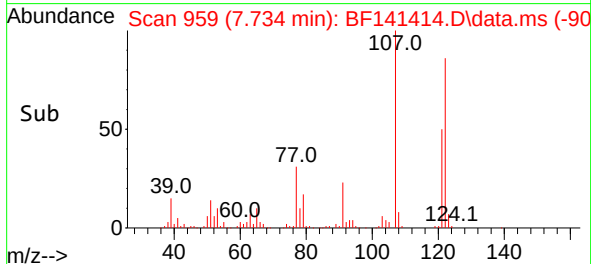
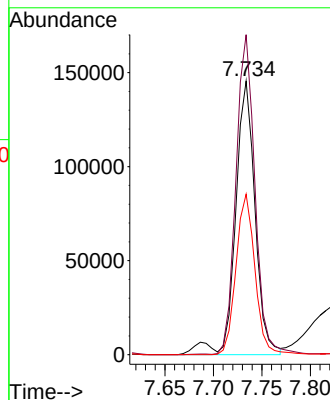
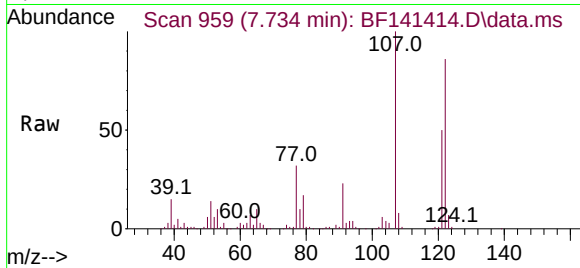
286MSD

Tgt Ion:122 Resp: 205429
 Ion Ratio Lower Upper
 122 100
 107 116.9 89.9 134.9
 121 58.6 46.1 69.1

Manual Integrations

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



#28

bis(2-Chloroethoxy)methane

Concen: 48.091 ng

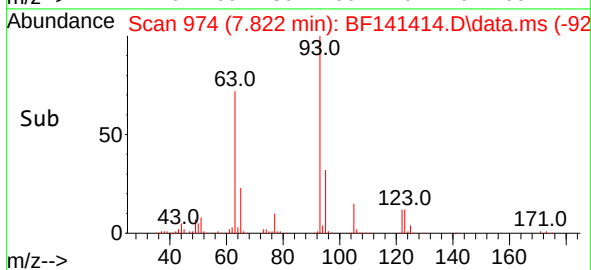
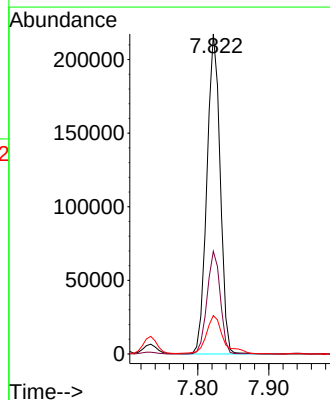
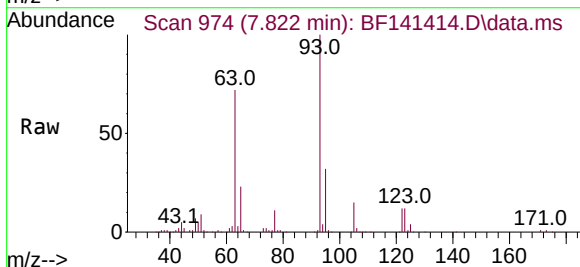
RT: 7.822 min Scan# 974

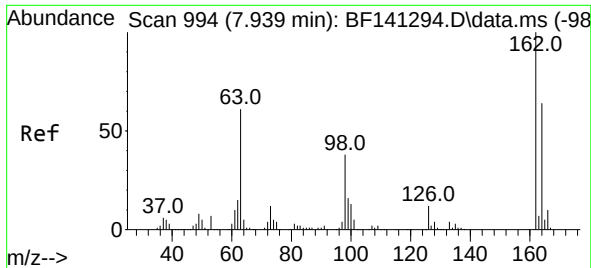
Delta R.T. -0.018 min

Lab File: BF141414.D

Acq: 04 Feb 2025 17:49

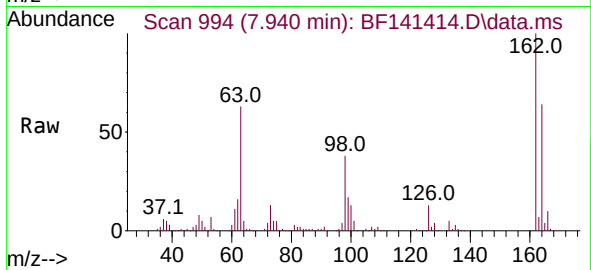
Tgt Ion: 93 Resp: 282960
 Ion Ratio Lower Upper
 93 100
 95 32.1 26.2 39.2
 123 12.0 10.2 15.4





#29
2,4-Dichlorophenol
Concen: 50.512 ng
RT: 7.940 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF141414.D
Acq: 04 Feb 2025 17:49

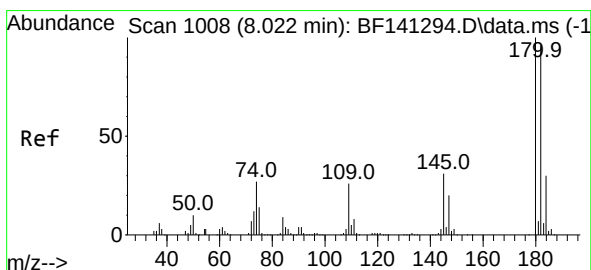
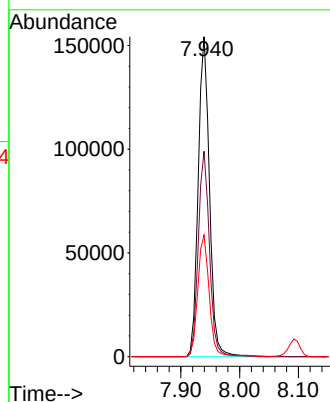
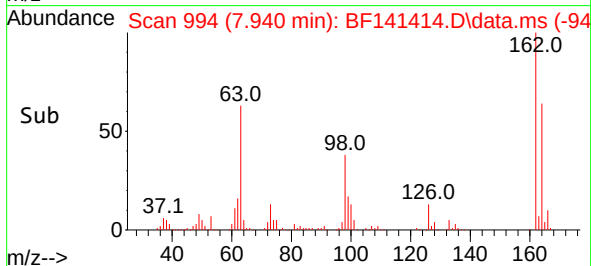
Instrument :
BNA_F
ClientSampleId :
286MSD



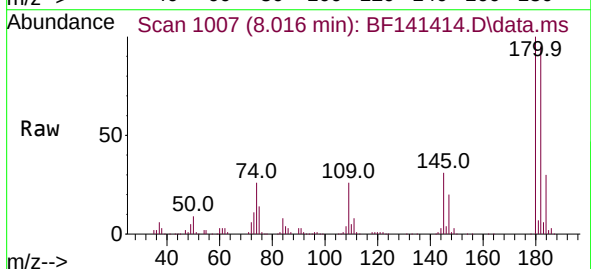
Tgt Ion:162 Resp: 20527
Ion Ratio Lower Upper
162 100
164 64.2 44.2 84.2
98 38.0 18.2 58.2

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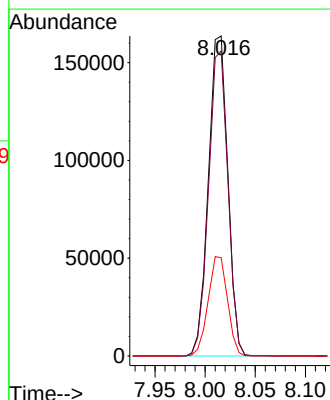
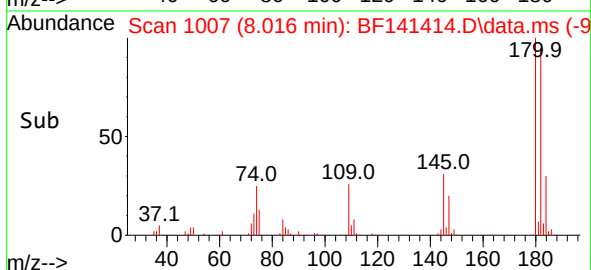
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

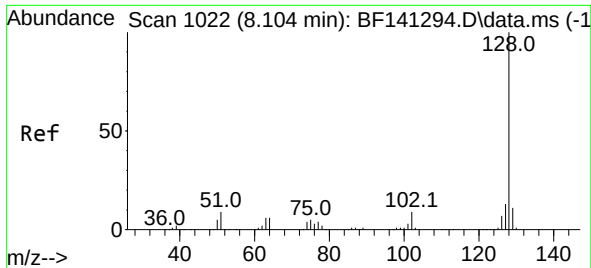


#30
1,2,4-Trichlorobenzene
Concen: 47.768 ng
RT: 8.016 min Scan# 1007
Delta R.T. -0.012 min
Lab File: BF141414.D
Acq: 04 Feb 2025 17:49



Tgt Ion:180 Resp: 221693
Ion Ratio Lower Upper
180 100
182 95.3 76.4 114.6
145 30.7 24.9 37.3





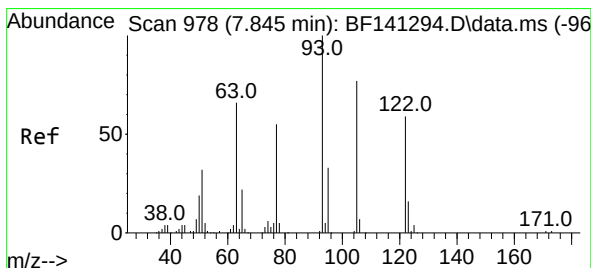
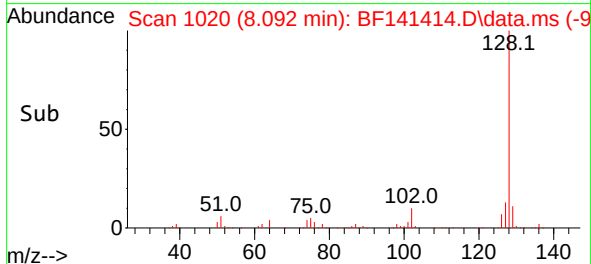
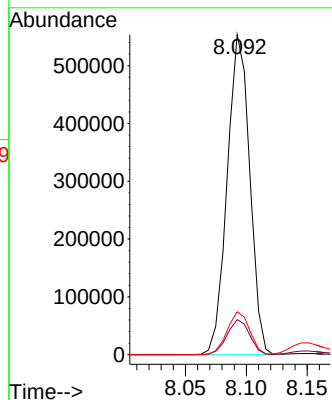
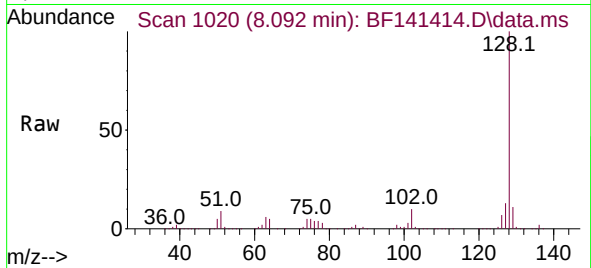
#31
Naphthalene
Concen: 47.961 ng
RT: 8.092 min Scan# 1022
Delta R.T. -0.018 min
Lab File: BF141414.D
Acq: 04 Feb 2025 17:49

Instrument :
BNA_F
ClientSampleId :
286MSD

Tgt Ion:128 Resp: 71273
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.4 10.6 15.8

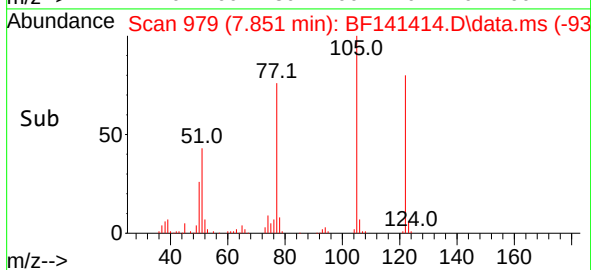
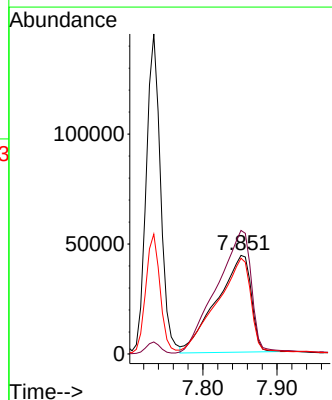
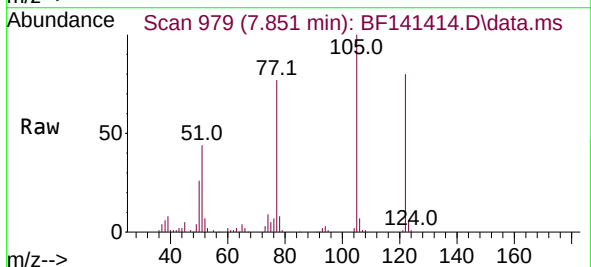
Manual Integrations
APPROVED

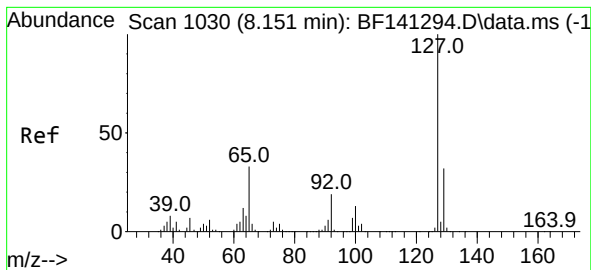
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#32
Benzoic acid
Concen: 46.700 ng
RT: 7.851 min Scan# 979
Delta R.T. -0.029 min
Lab File: BF141414.D
Acq: 04 Feb 2025 17:49

Tgt Ion:122 Resp: 142509
Ion Ratio Lower Upper
122 100
105 125.3 103.4 143.4
77 97.0 70.9 110.9





#33

4-Chloroaniline

Concen: 9.037 ng

RT: 8.145 min Scan# 1029

Delta R.T. -0.012 min

Lab File: BF141414.D

Acq: 04 Feb 2025 17:49

Instrument :

BNA_F

ClientSampleId :

286MSD

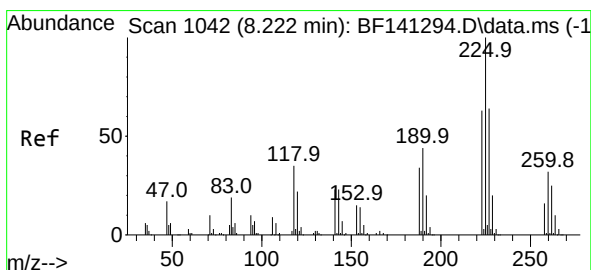
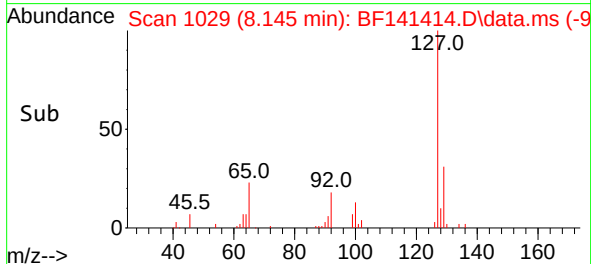
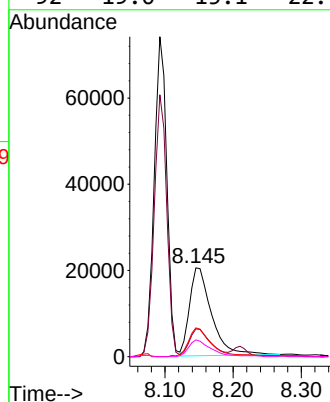
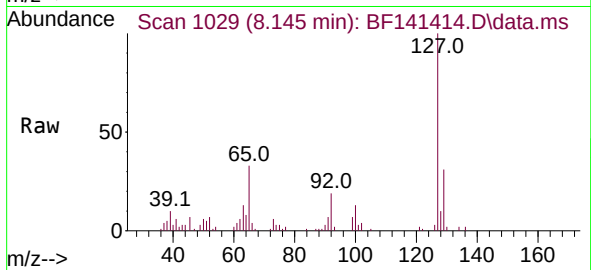
Tgt Ion:	127	Resp:	4554
Ion Ratio	Lower	Upper	
127	100		
129	31.3	25.7	38.5
65	32.5	26.4	39.6
92	19.0	15.1	22.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/05/2025

Supervised By :mohammad ahmed 02/05/2025



#34

Hexachlorobutadiene

Concen: 50.215 ng

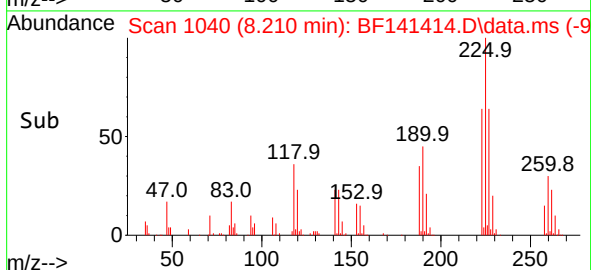
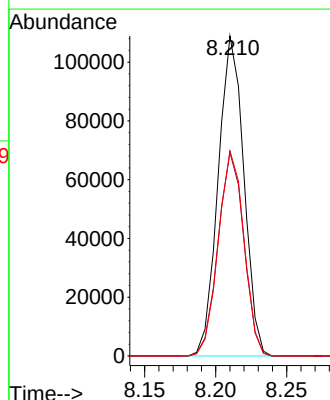
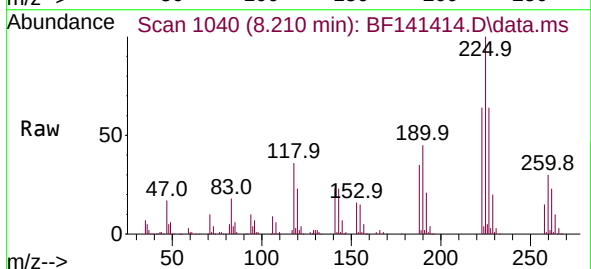
RT: 8.210 min Scan# 1040

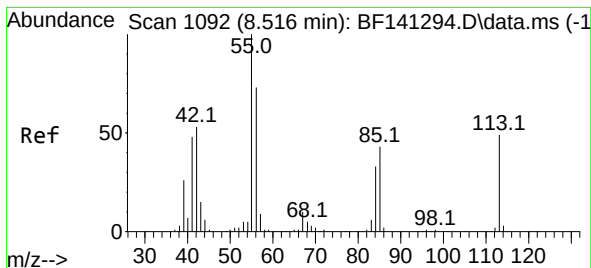
Delta R.T. -0.012 min

Lab File: BF141414.D

Acq: 04 Feb 2025 17:49

Tgt Ion:	225	Resp:	136669
Ion Ratio	Lower	Upper	
225	100		
223	63.6	50.4	75.6
227	64.1	51.3	76.9





#35

Caprolactam

Concen: 45.987 ng m

RT: 8.510 min Scan# 1109

Delta R.T. -0.035 min

Lab File: BF141414.D

Acq: 04 Feb 2025 17:49

Instrument :

BNA_F

ClientSampleId :

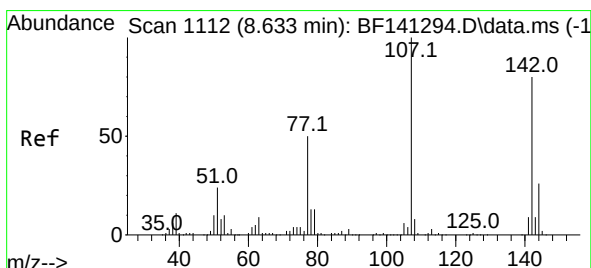
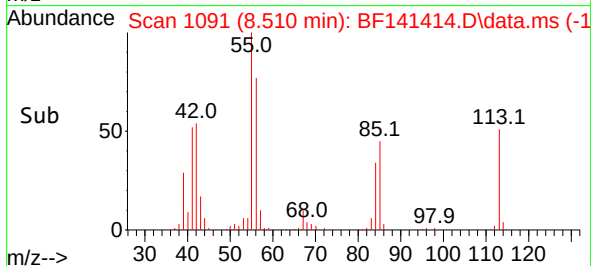
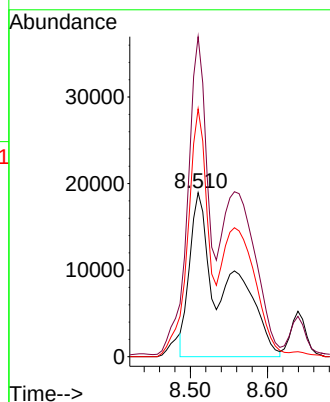
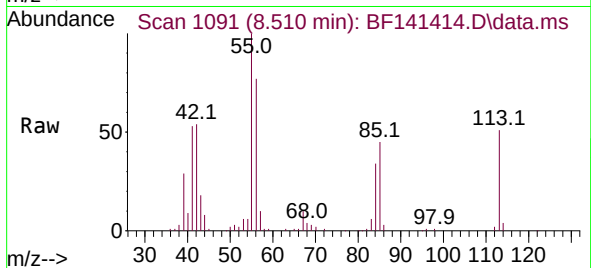
286MSD

Tgt Ion:113 Resp: 61035
 Ion Ratio Lower Upper
 113 100
 55 195.1 182.9 222.9
 56 151.2 127.9 167.9

Manual Integrations

APPROVED

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



#36

4-Chloro-3-methylphenol

Concen: 51.975 ng

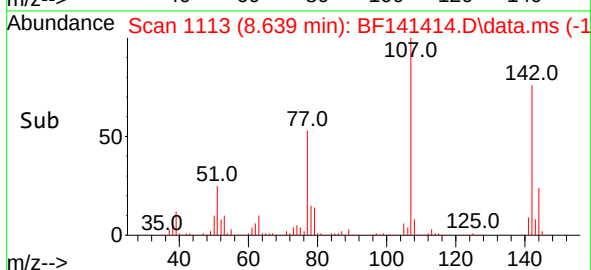
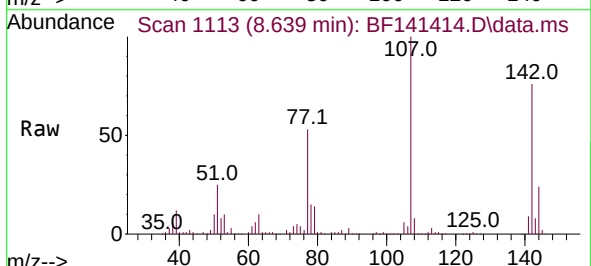
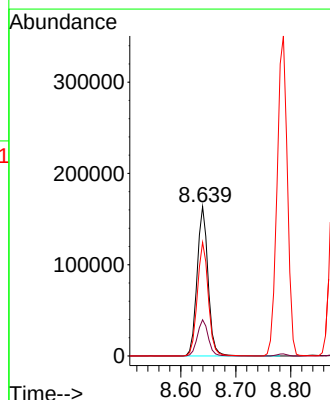
RT: 8.639 min Scan# 1113

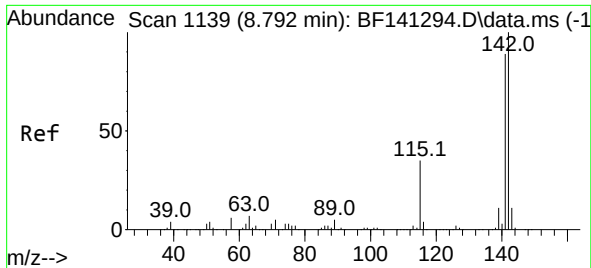
Delta R.T. -0.000 min

Lab File: BF141414.D

Acq: 04 Feb 2025 17:49

Tgt Ion:107 Resp: 226566
 Ion Ratio Lower Upper
 107 100
 144 24.2 20.7 31.1
 142 76.0 63.8 95.8





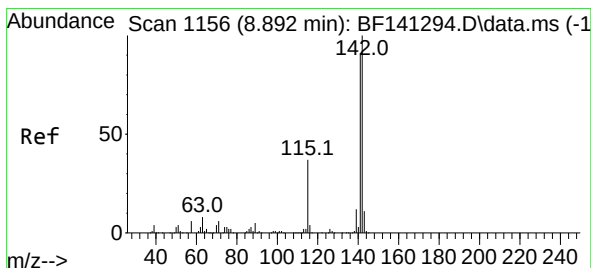
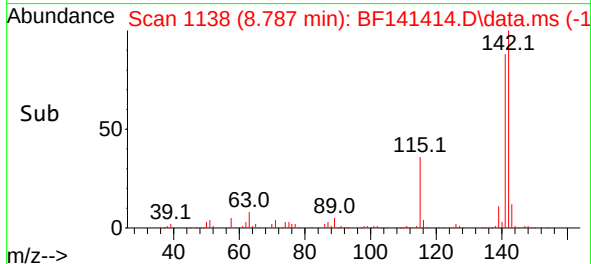
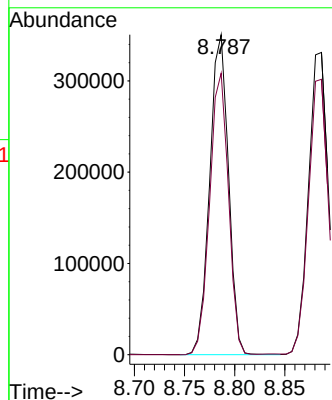
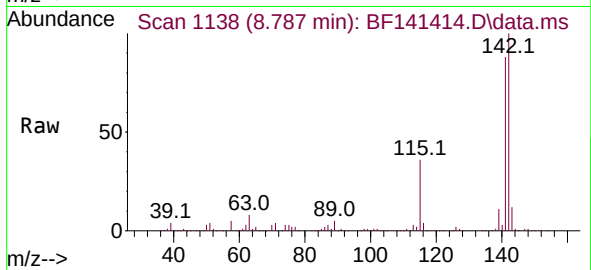
#37
2-Methylnaphthalene
Concen: 48.415 ng
RT: 8.787 min Scan# 1138
Delta R.T. -0.012 min
Lab File: BF141414.D
Acq: 04 Feb 2025 17:49

Instrument :
BNA_F
ClientSampleId :
286MSD

Tgt Ion:142 Resp: 457280
Ion Ratio Lower Upper
142 100
141 88.0 71.3 106.9

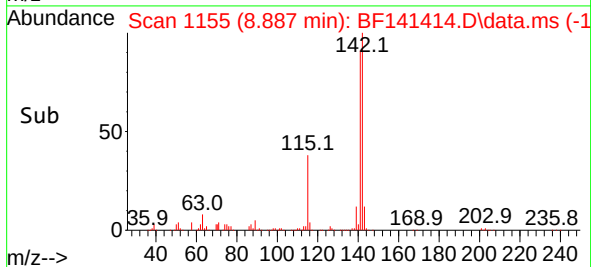
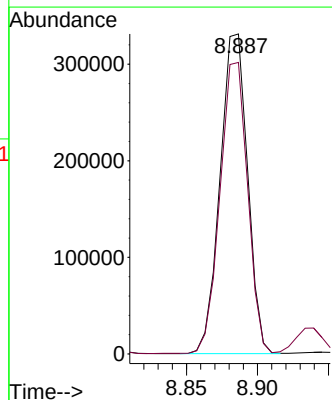
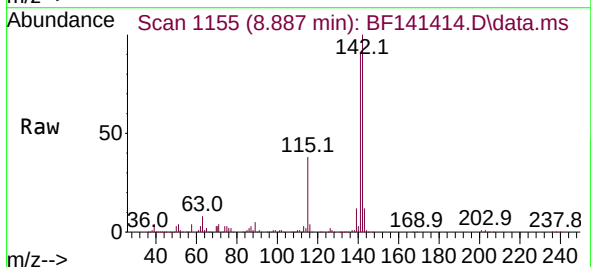
Manual Integrations
APPROVED

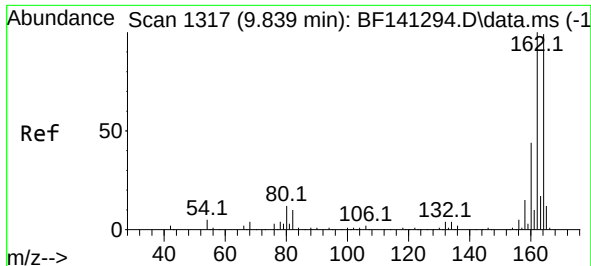
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#38
1-Methylnaphthalene
Concen: 48.039 ng
RT: 8.887 min Scan# 1155
Delta R.T. -0.012 min
Lab File: BF141414.D
Acq: 04 Feb 2025 17:49

Tgt Ion:142 Resp: 445710
Ion Ratio Lower Upper
142 100
141 91.1 73.2 109.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1165

Delta R.T. -0.012 min

Lab File: BF141414.D

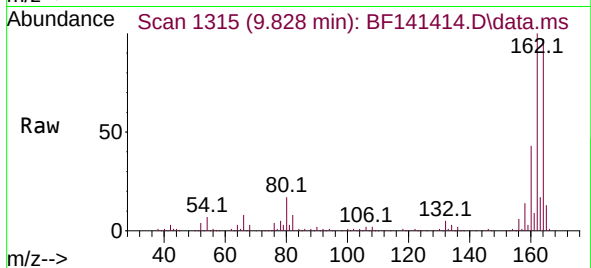
Acq: 04 Feb 2025 17:49

Instrument :

BNA_F

ClientSampleId :

286MSD



Tgt Ion:164 Resp: 157470

Ion Ratio Lower Upper

164 100

162 102.9 80.6 121.0

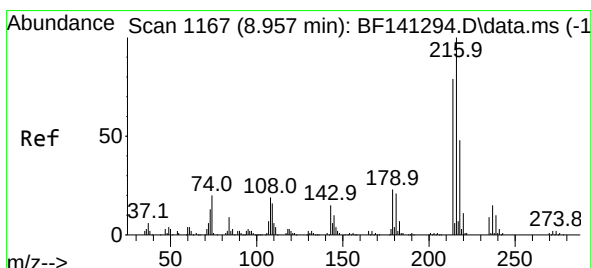
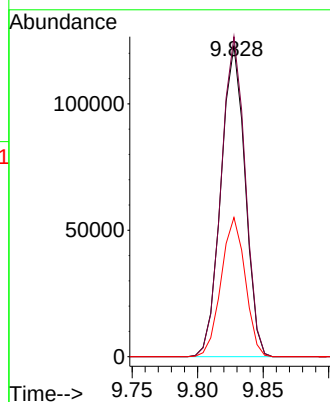
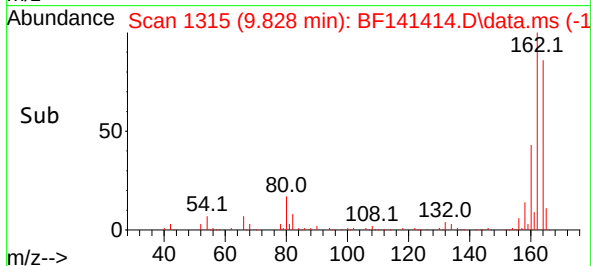
160 44.7 35.8 53.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/05/2025

Supervised By :mohammad ahmed 02/05/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 54.533 ng

RT: 8.951 min Scan# 1166

Delta R.T. -0.012 min

Lab File: BF141414.D

Acq: 04 Feb 2025 17:49

Tgt Ion:216 Resp: 244298

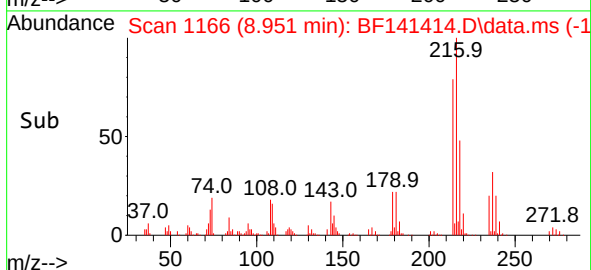
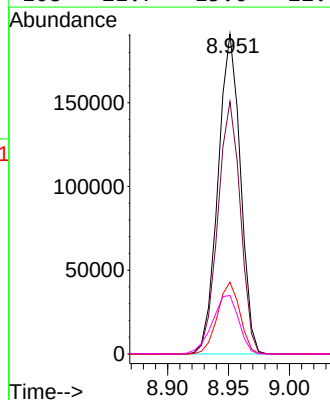
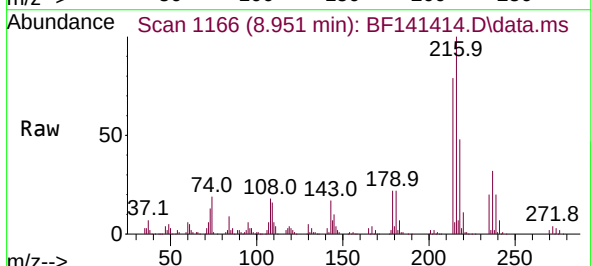
Ion Ratio Lower Upper

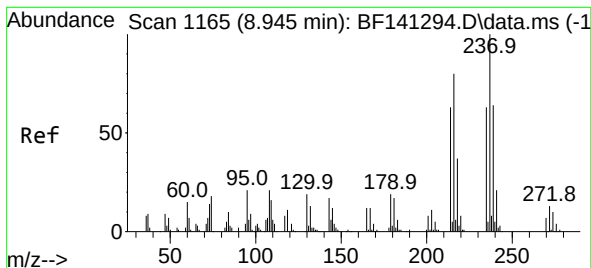
216 100

214 79.2 63.2 94.8

179 22.4 17.8 26.8

108 21.7 15.0 22.6





#41

Hexachlorocyclopentadiene

Concen: 222.908 ng

RT: 8.939 min Scan# 1164

Delta R.T. -0.012 min

Lab File: BF141414.D

Acq: 04 Feb 2025 17:49

Instrument :

BNA_F

ClientSampleId :

286MSD

Tgt Ion:237 Resp: 29491

Ion Ratio Lower Upper

237 100

235 62.4 42.9 82.9

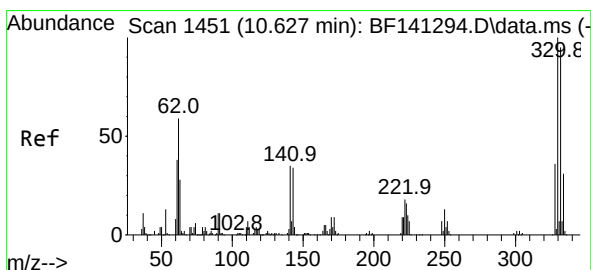
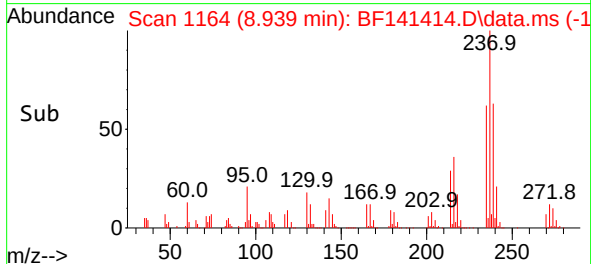
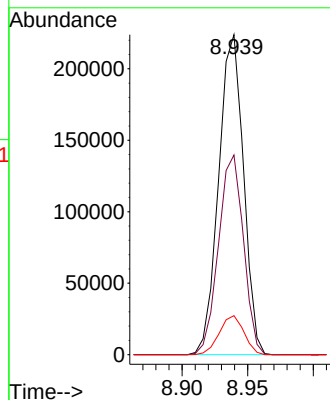
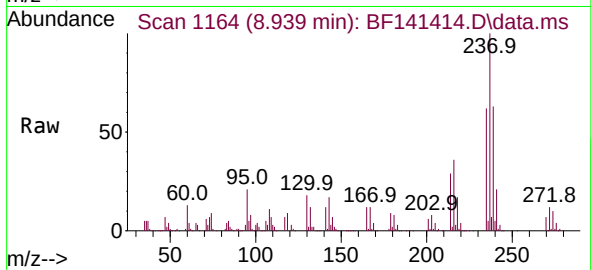
272 12.2 0.0 32.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/05/2025

Supervised By :mohammad ahmed 02/05/2025



#42

2,4,6-Tribromophenol

Concen: 176.413 ng

RT: 10.622 min Scan# 1450

Delta R.T. -0.012 min

Lab File: BF141414.D

Acq: 04 Feb 2025 17:49

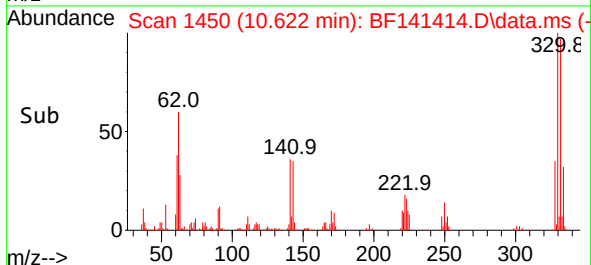
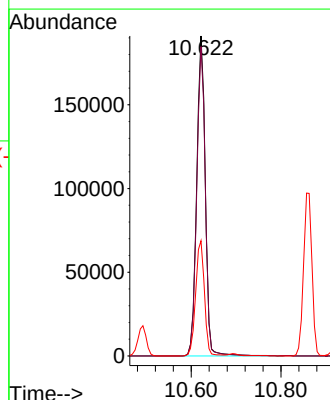
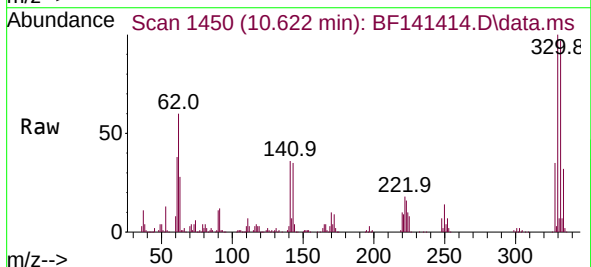
Tgt Ion:330 Resp: 254677

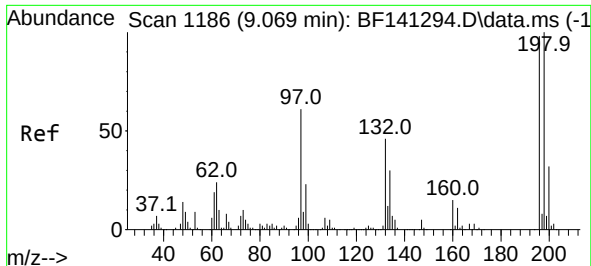
Ion Ratio Lower Upper

330 100

332 96.6 76.1 114.1

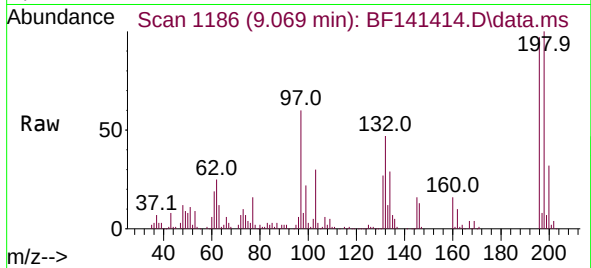
141 36.8 28.8 43.2





#43
2,4,6-Trichlorophenol
Concen: 49.649 ng
RT: 9.069 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF141414.D
Acq: 04 Feb 2025 17:49

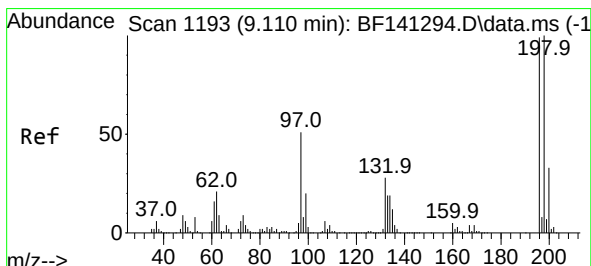
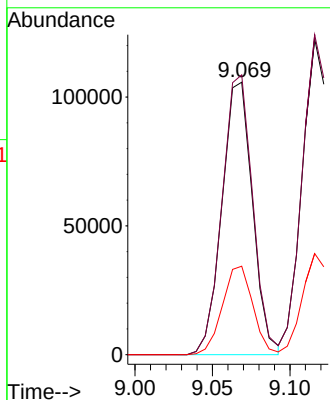
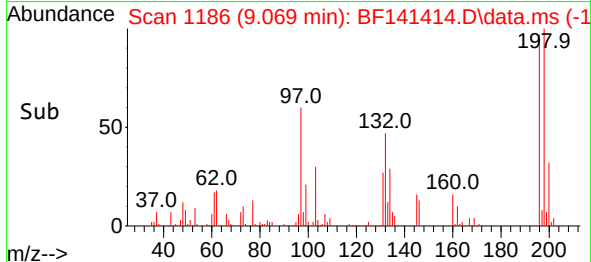
Instrument :
BNA_F
ClientSampleId :
286MSD



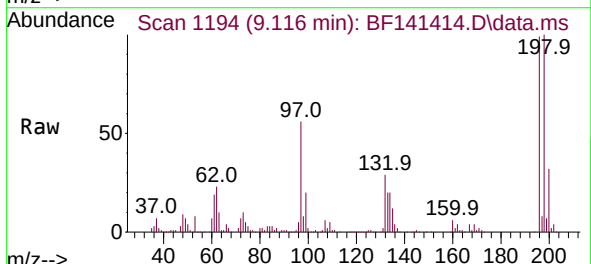
Tgt Ion:196 Resp: 14558
Ion Ratio Lower Upper
196 100
198 102.7 81.8 122.6
200 32.5 26.3 39.5

Manual Integrations
APPROVED

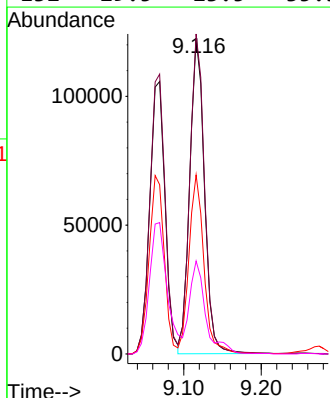
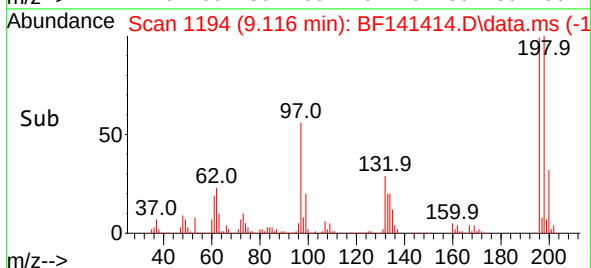
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

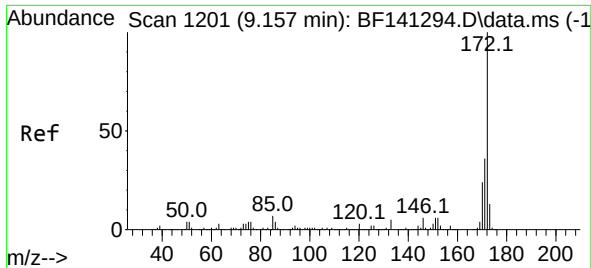


#44
2,4,5-Trichlorophenol
Concen: 50.594 ng
RT: 9.116 min Scan# 1194
Delta R.T. -0.000 min
Lab File: BF141414.D
Acq: 04 Feb 2025 17:49



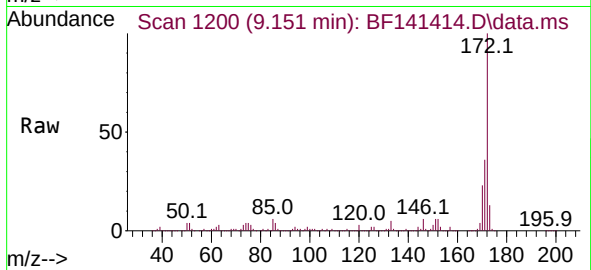
Tgt Ion:196 Resp: 161466
Ion Ratio Lower Upper
196 100
198 101.3 80.5 120.7
97 56.7 42.8 64.2
132 29.5 23.5 35.3





#45
2-Fluorobiphenyl
Concen: 105.421 ng
RT: 9.151 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141414.D
Acq: 04 Feb 2025 17:49

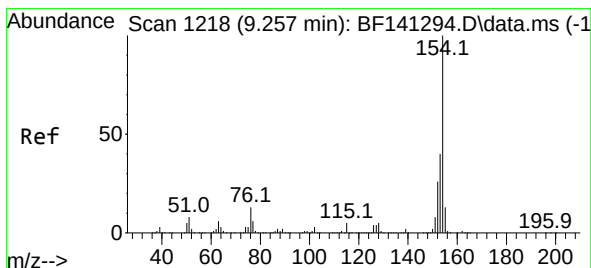
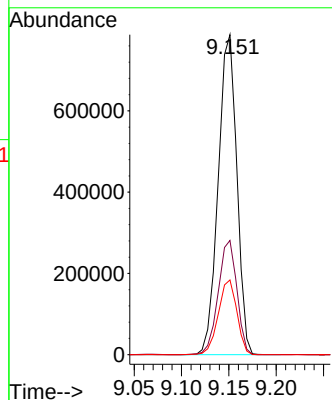
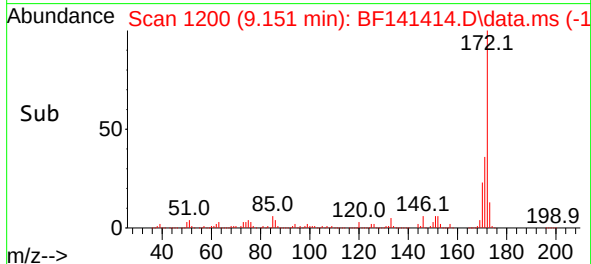
Instrument :
BNA_F
ClientSampleId :
286MSD



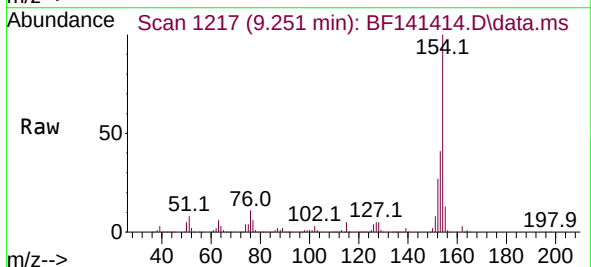
Tgt Ion:172 Resp: 107853
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 23.3 19.0 28.6

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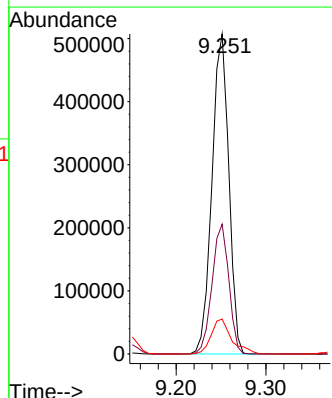
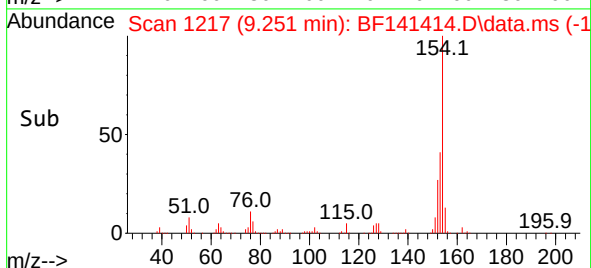
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

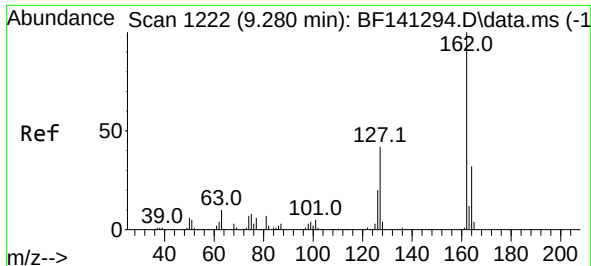


#46
1,1'-Biphenyl
Concen: 53.656 ng
RT: 9.251 min Scan# 1217
Delta R.T. -0.012 min
Lab File: BF141414.D
Acq: 04 Feb 2025 17:49



Tgt Ion:154 Resp: 658941
Ion Ratio Lower Upper
154 100
153 40.5 20.0 60.0
76 10.9 0.0 32.8





#47

2-Chloronaphthalene

Concen: 47.218 ng

RT: 9.275 min Scan# 1221

Delta R.T. -0.012 min

Lab File: BF141414.D

Acq: 04 Feb 2025 17:49

Instrument :

BNA_F

ClientSampleId :

286MSD

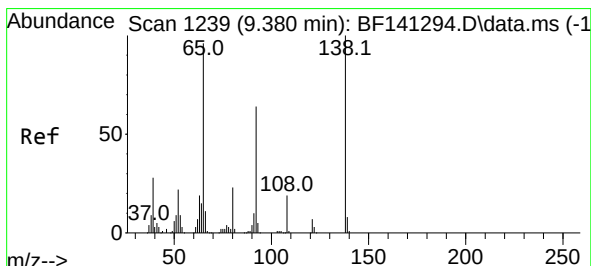
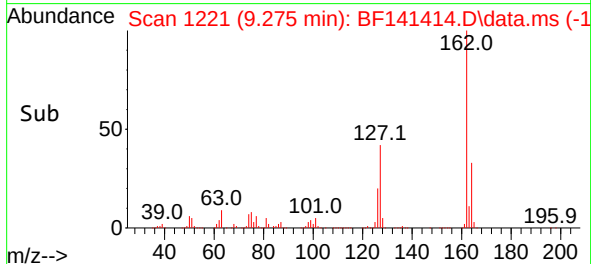
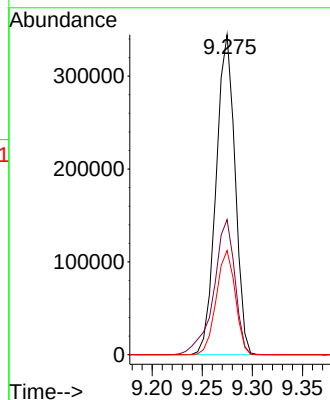
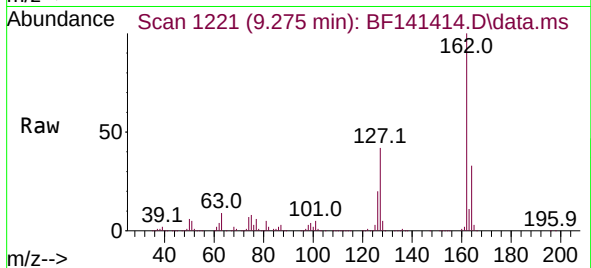
Tgt Ion:162 Resp: 45198
 Ion Ratio Lower Upper
 162 100
 127 42.2 33.7 50.5
 164 32.5 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/05/2025

Supervised By :mohammad ahmed 02/05/2025



#48

2-Nitroaniline

Concen: 50.774 ng

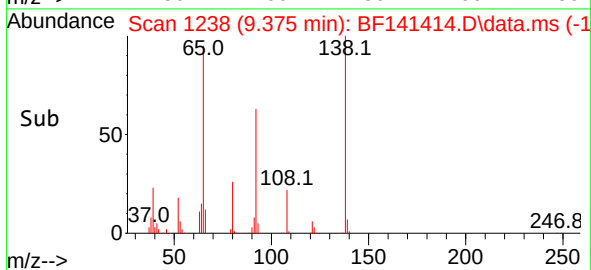
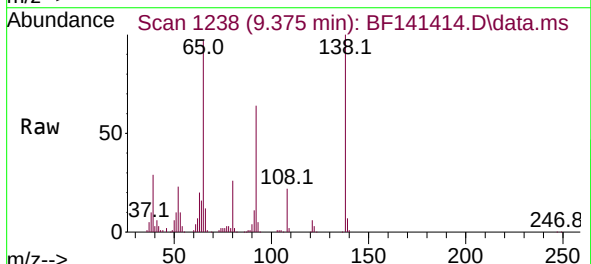
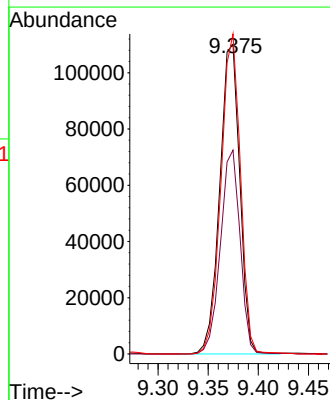
RT: 9.375 min Scan# 1238

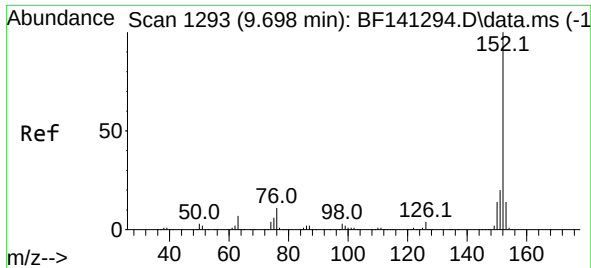
Delta R.T. -0.006 min

Lab File: BF141414.D

Acq: 04 Feb 2025 17:49

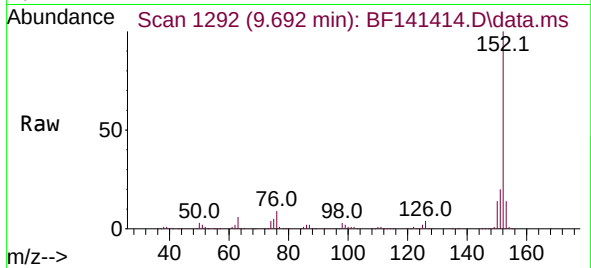
Tgt Ion: 65 Resp: 152871
 Ion Ratio Lower Upper
 65 100
 92 65.8 53.3 79.9
 138 103.3 83.6 125.4





#49
Acenaphthylene
Concen: 52.950 ng
RT: 9.692 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141414.D
Acq: 04 Feb 2025 17:49

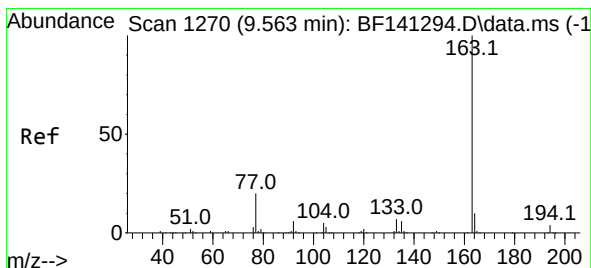
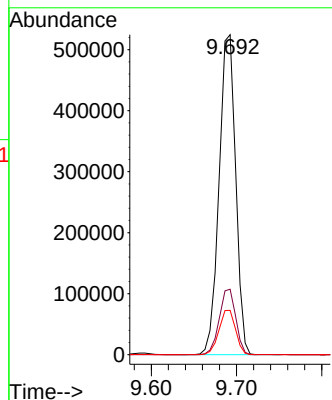
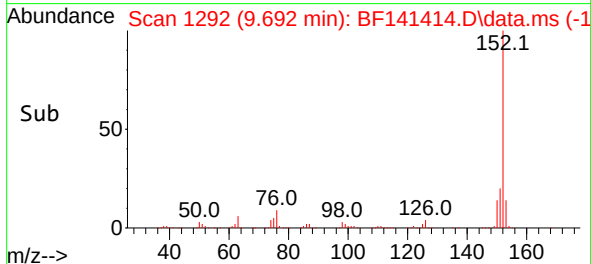
Instrument :
BNA_F
ClientSampleId :
286MSD



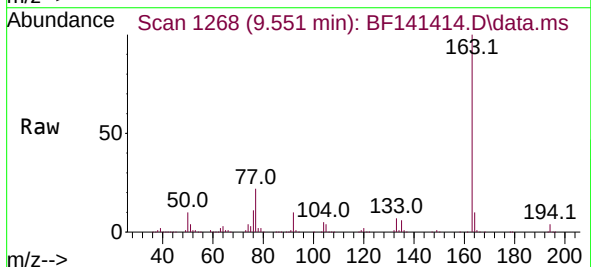
Tgt Ion:152 Resp: 709494
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2
153 13.9 11.0 16.6

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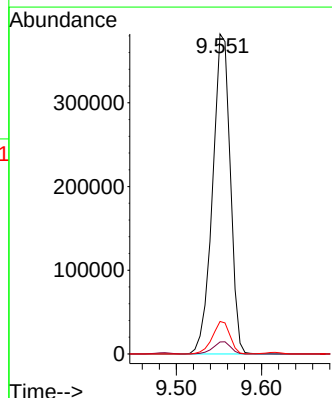
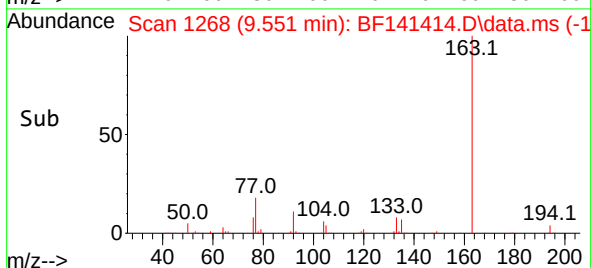
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

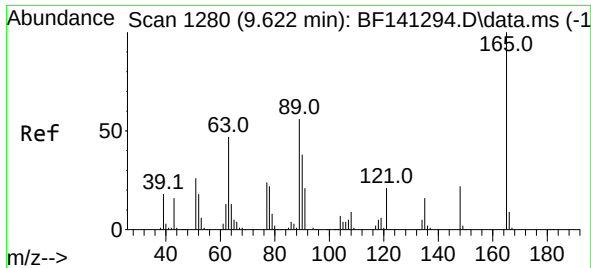


#50
Dimethylphthalate
Concen: 51.690 ng
RT: 9.551 min Scan# 1268
Delta R.T. -0.018 min
Lab File: BF141414.D
Acq: 04 Feb 2025 17:49



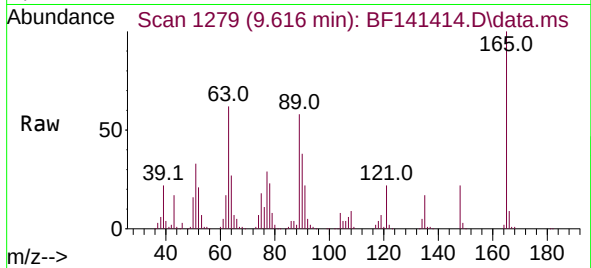
Tgt Ion:163 Resp: 549750
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.2 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 48.665 ng
RT: 9.616 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BF141414.D
Acq: 04 Feb 2025 17:49

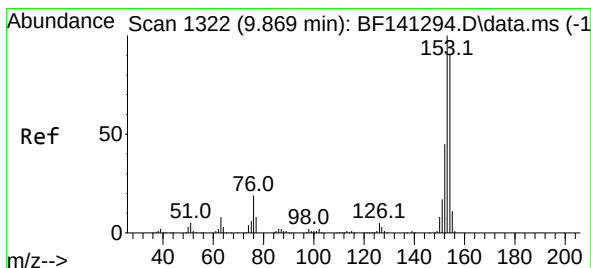
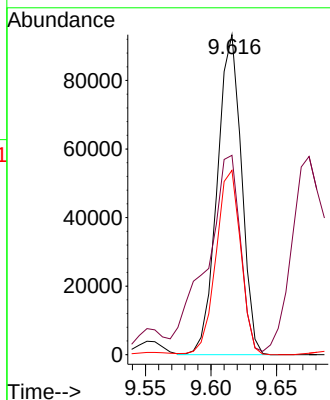
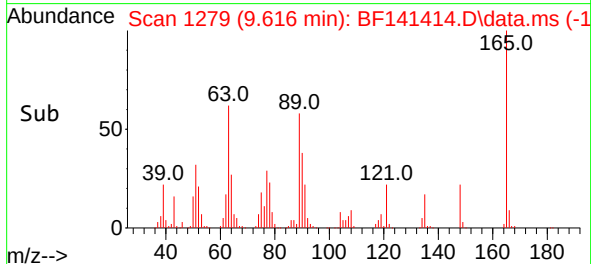
Instrument :
BNA_F
ClientSampleId :
286MSD



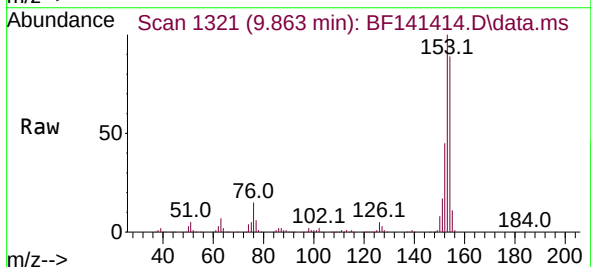
Tgt Ion:165 Resp: 120179
Ion Ratio Lower Upper
165 100
63 62.3 48.1 72.1
89 57.6 44.9 67.3

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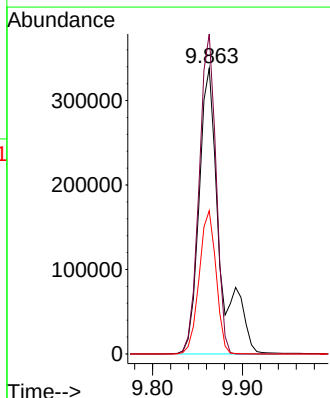
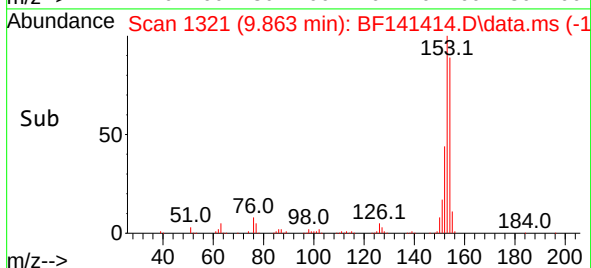
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

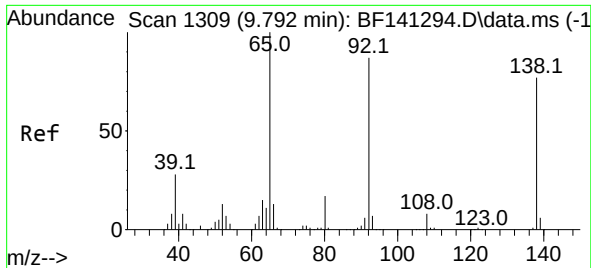


#52
Acenaphthene
Concen: 56.971 ng m
RT: 9.863 min Scan# 1321
Delta R.T. -0.012 min
Lab File: BF141414.D
Acq: 04 Feb 2025 17:49



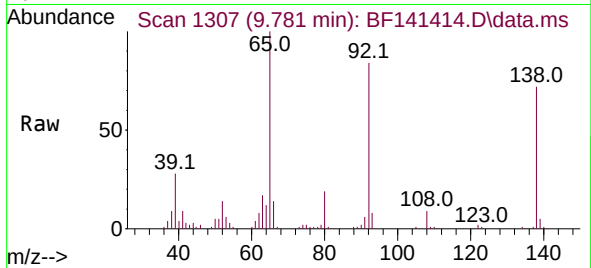
Tgt Ion:154 Resp: 545354
Ion Ratio Lower Upper
154 100
153 112.0 89.0 133.4
152 50.1 40.2 60.4





#53
3-Nitroaniline
Concen: 13.212 ng
RT: 9.781 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141414.D
Acq: 04 Feb 2025 17:49

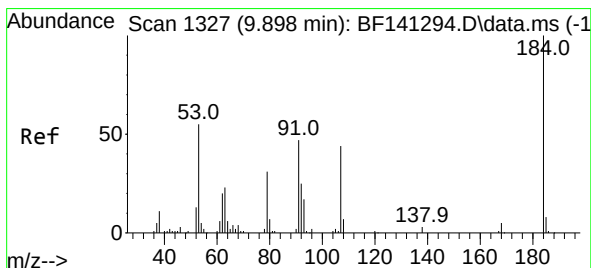
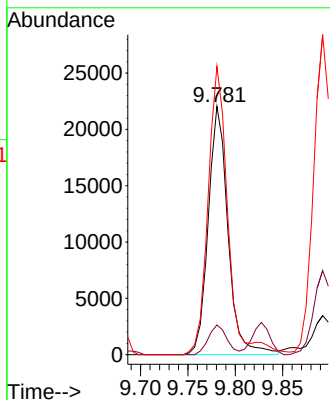
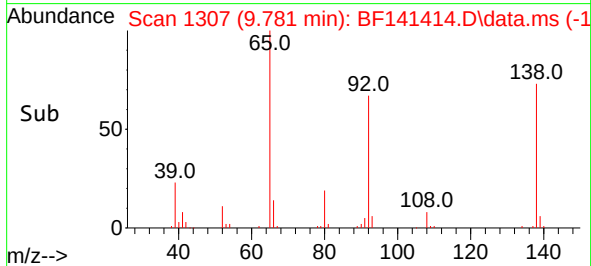
Instrument :
BNA_F
ClientSampleId :
286MSD



Tgt Ion:138 Resp: 3197
Ion Ratio Lower Upper
138 100
108 12.0 8.6 12.8
92 116.2 91.0 136.6

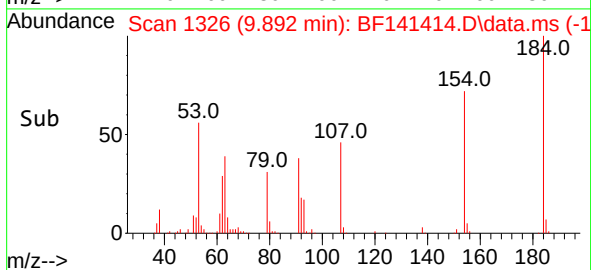
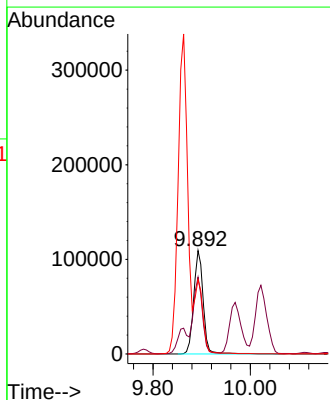
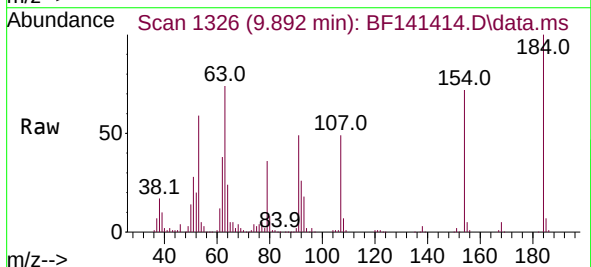
Manual Integrations
APPROVED

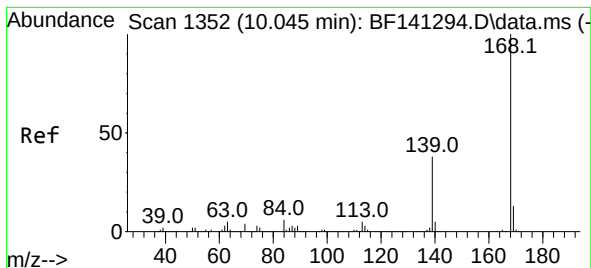
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#54
2,4-Dinitrophenol
Concen: 129.892 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF141414.D
Acq: 04 Feb 2025 17:49

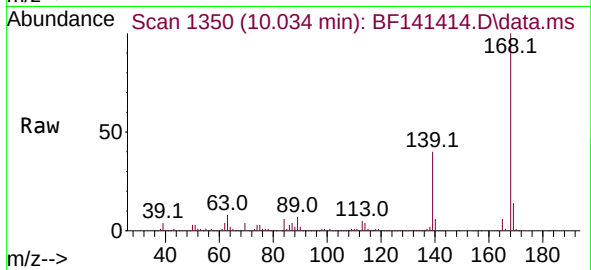
Tgt Ion:184 Resp: 149107
Ion Ratio Lower Upper
184 100
63 74.4 54.1 81.1
154 72.0 50.7 76.1





#55
Dibenzenofuran
Concen: 51.057 ng
RT: 10.034 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141414.D
Acq: 04 Feb 2025 17:49

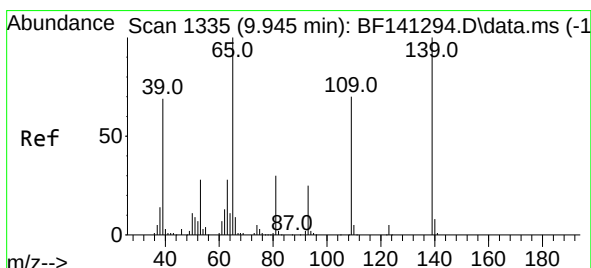
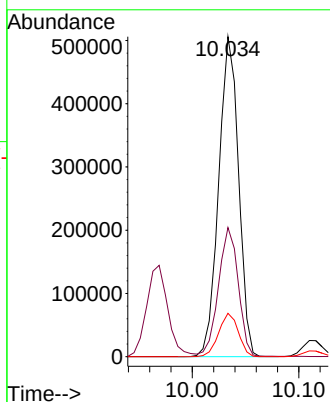
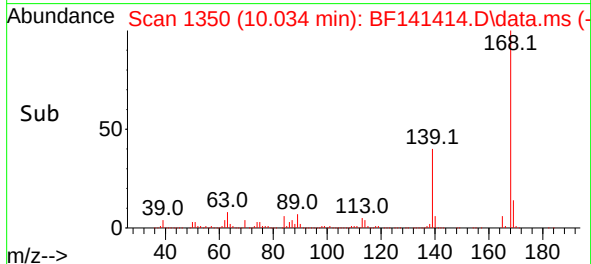
Instrument :
BNA_F
ClientSampleId :
286MSD



Tgt Ion:168 Resp: 654210
Ion Ratio Lower Upper
168 100
139 40.4 30.6 46.0
169 13.5 10.8 16.2

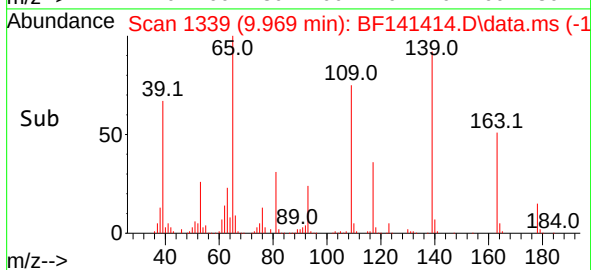
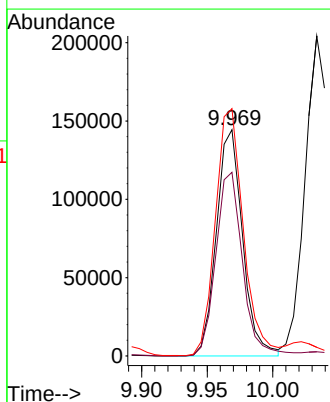
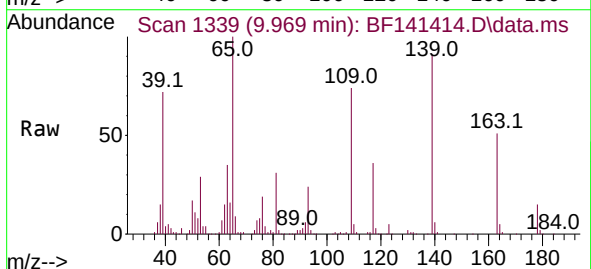
Manual Integrations
APPROVED

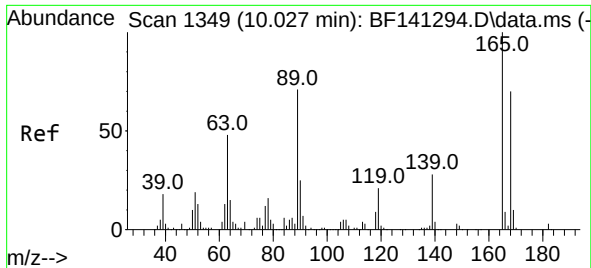
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#56
4-Nitrophenol
Concen: 113.511 ng
RT: 9.969 min Scan# 1339
Delta R.T. 0.012 min
Lab File: BF141414.D
Acq: 04 Feb 2025 17:49

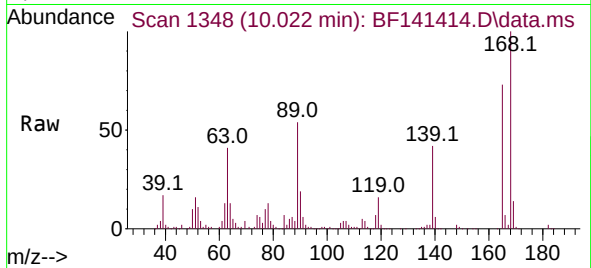
Tgt Ion:139 Resp: 200921
Ion Ratio Lower Upper
139 100
109 81.2 50.2 90.2
65 109.3 80.6 120.6





#57
2,4-Dinitrotoluene
Concen: 53.651 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141414.D
Acq: 04 Feb 2025 17:49

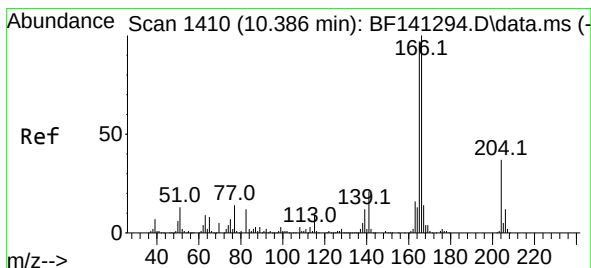
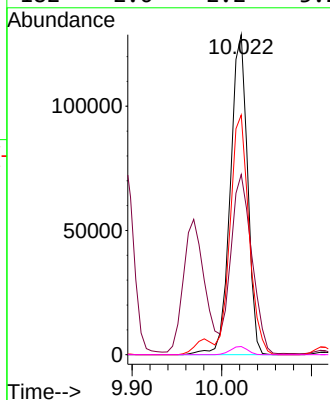
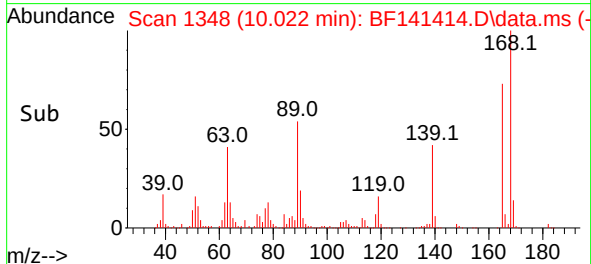
Instrument :
BNA_F
ClientSampleId :
286MSD



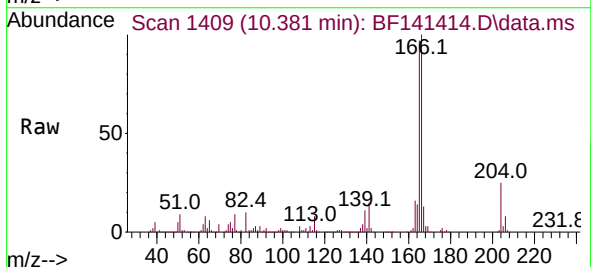
Tgt Ion:165 Resp: 17153
Ion Ratio Lower Upper
165 100
63 56.3 39.2 58.8
89 74.9 56.9 85.3
182 2.6 2.2 3.2

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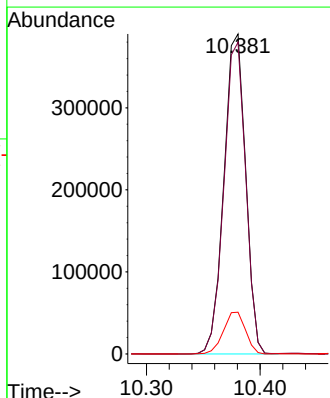
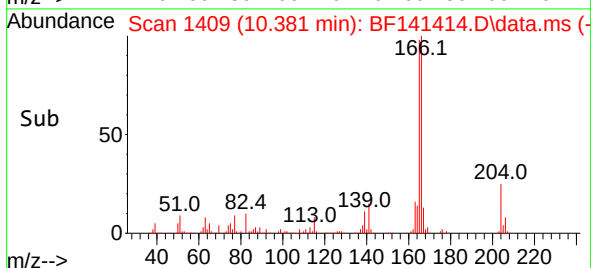
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

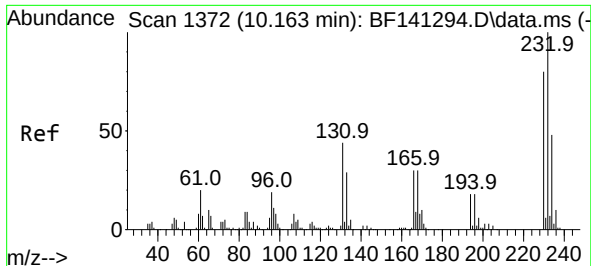


#58
Fluorene
Concen: 52.227 ng
RT: 10.381 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF141414.D
Acq: 04 Feb 2025 17:49



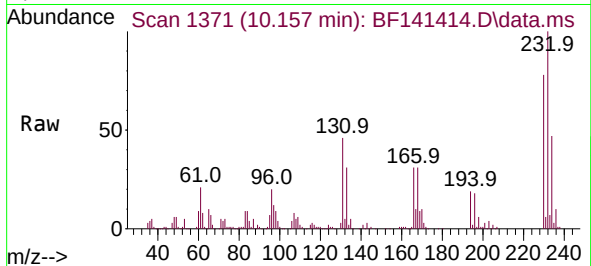
Tgt Ion:166 Resp: 519090
Ion Ratio Lower Upper
166 100
165 97.4 77.5 116.3
167 13.1 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 57.211 ng
RT: 10.157 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF141414.D
Acq: 04 Feb 2025 17:49

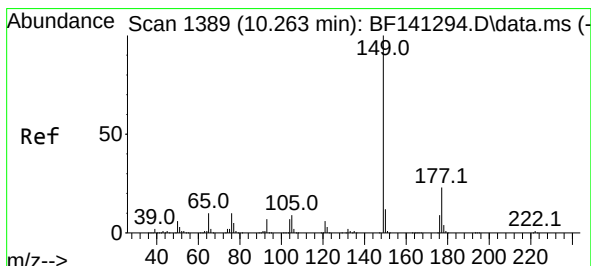
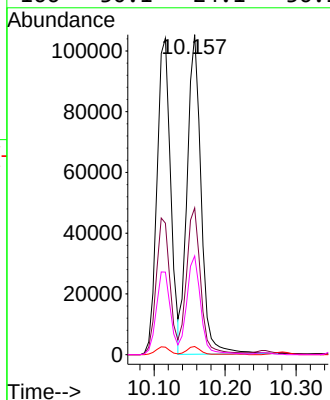
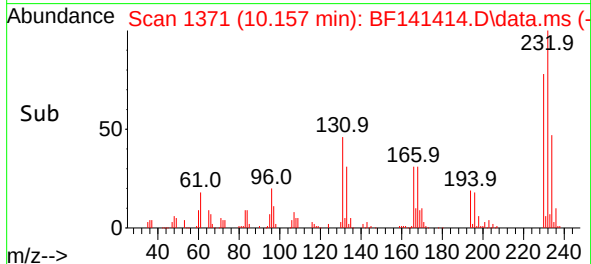
Instrument :
BNA_F
ClientSampleId :
286MSD



Tgt Ion:232 Resp: 14364
Ion Ratio Lower Upper
232 100
131 46.6 36.4 54.6
130 2.2 1.9 2.9
166 30.1 24.1 36.1

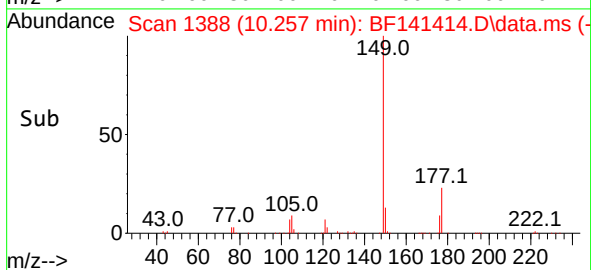
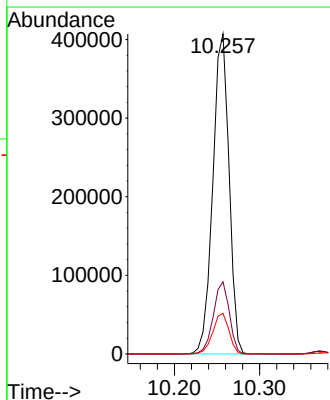
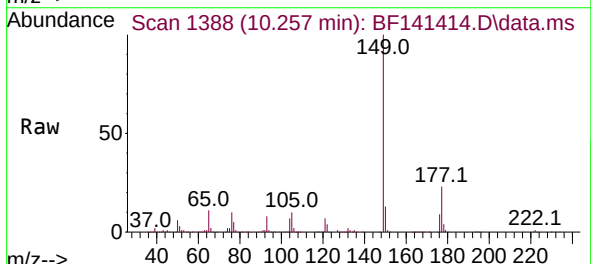
Manual Integrations
APPROVED

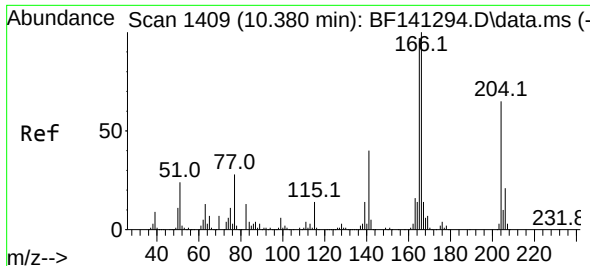
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#60
Diethylphthalate
Concen: 52.201 ng
RT: 10.257 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF141414.D
Acq: 04 Feb 2025 17:49

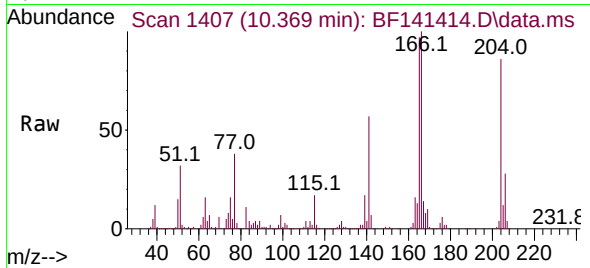
Tgt Ion:149 Resp: 538312
Ion Ratio Lower Upper
149 100
177 22.6 18.5 27.7
150 12.7 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 51.601 ng
RT: 10.369 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF141414.D
Acq: 04 Feb 2025 17:49

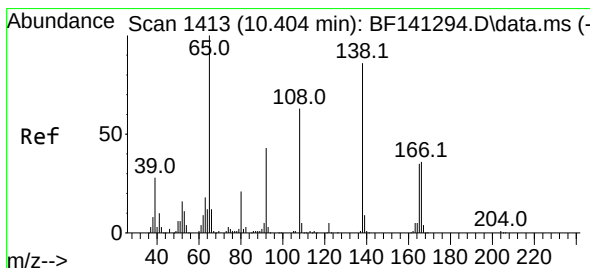
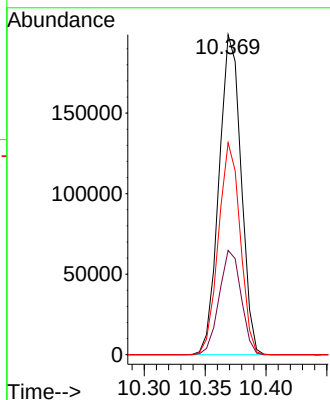
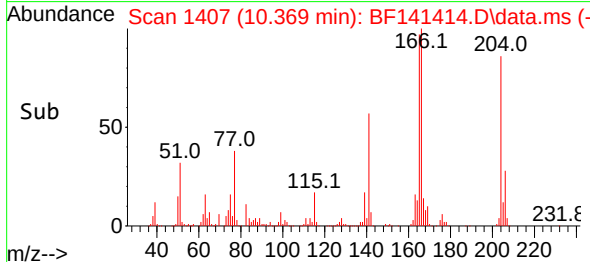
Instrument :
BNA_F
ClientSampleId :
286MSD



Tgt Ion:204 Resp: 250518
Ion Ratio Lower Upper
204 100
206 32.6 25.9 38.9
141 66.2 49.5 74.3

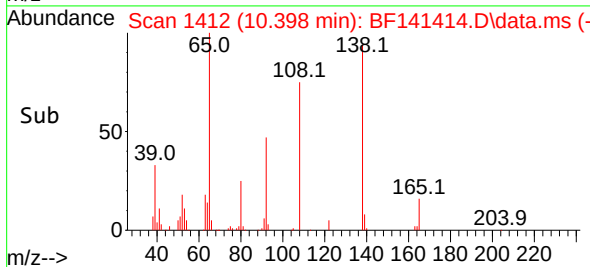
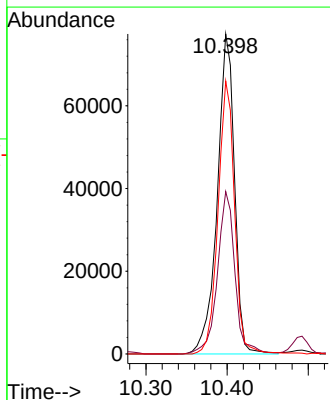
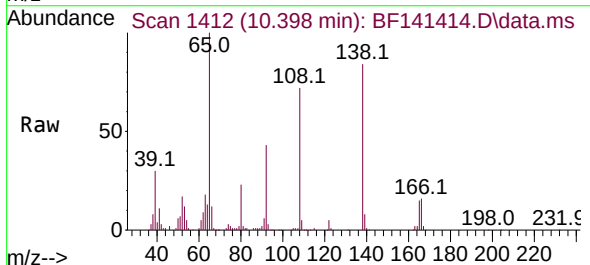
Manual Integrations
APPROVED

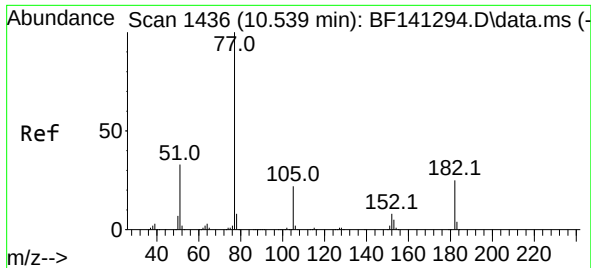
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#62
4-Nitroaniline
Concen: 48.187 ng
RT: 10.398 min Scan# 1412
Delta R.T. -0.018 min
Lab File: BF141414.D
Acq: 04 Feb 2025 17:49

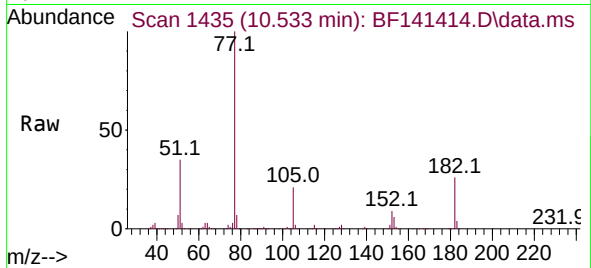
Tgt Ion:138 Resp: 114661
Ion Ratio Lower Upper
138 100
92 50.8 30.1 70.1
108 85.3 53.1 93.1





#63
Azobenzene
Concen: 50.298 ng
RT: 10.533 min Scan# 1435
Delta R.T. -0.012 min
Lab File: BF141414.D
Acq: 04 Feb 2025 17:49

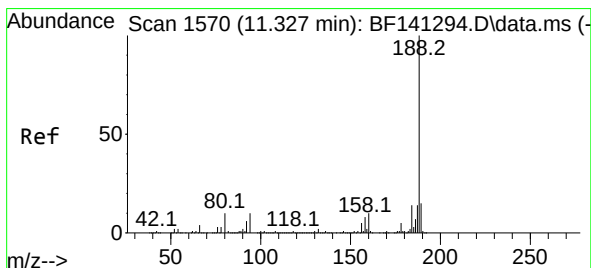
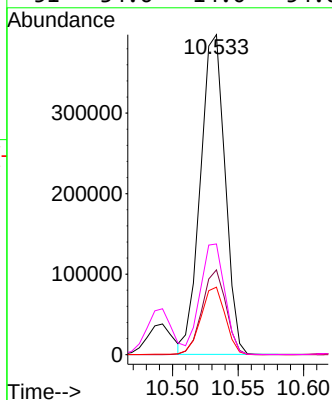
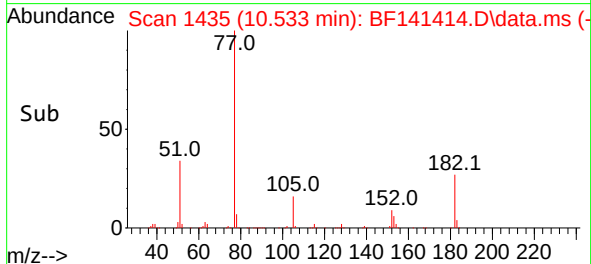
Instrument :
BNA_F
ClientSampleId :
286MSD



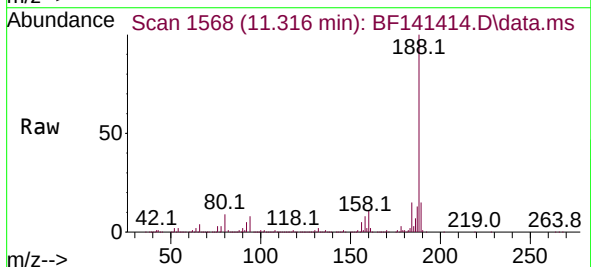
Tgt Ion: 77 Resp: 51919
Ion Ratio Lower Upper
77 100
182 26.5 5.1 45.1
105 21.1 1.8 41.8
51 34.6 14.0 54.0

Manual Integrations
APPROVED

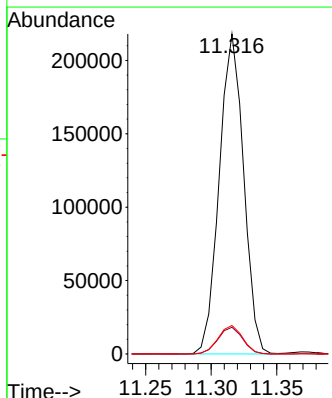
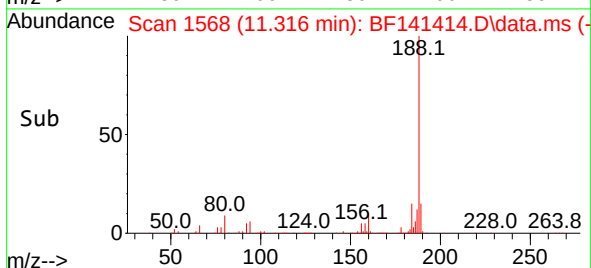
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

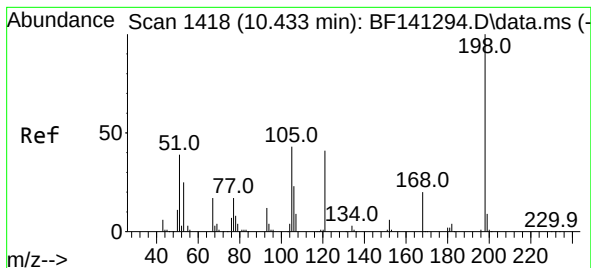


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1568
Delta R.T. -0.012 min
Lab File: BF141414.D
Acq: 04 Feb 2025 17:49



Tgt Ion:188 Resp: 281416
Ion Ratio Lower Upper
188 100
94 8.4 7.8 11.6
80 8.9 8.2 12.4





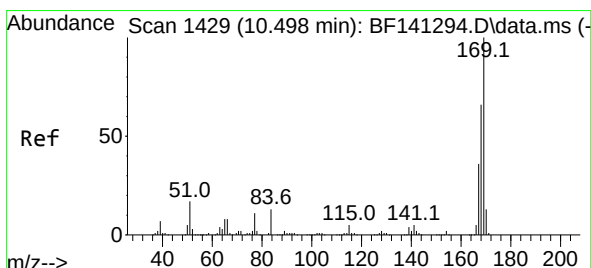
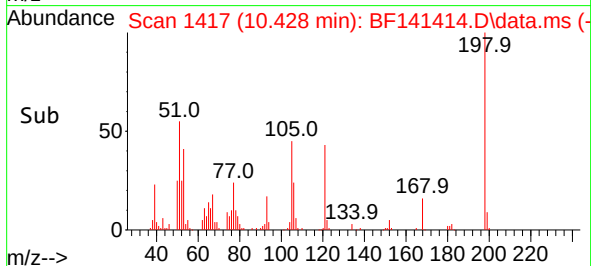
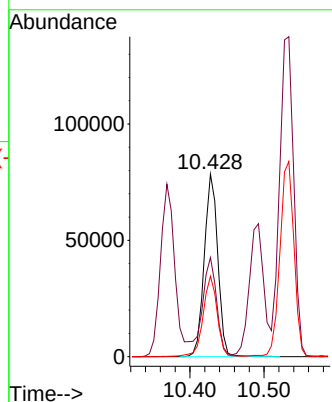
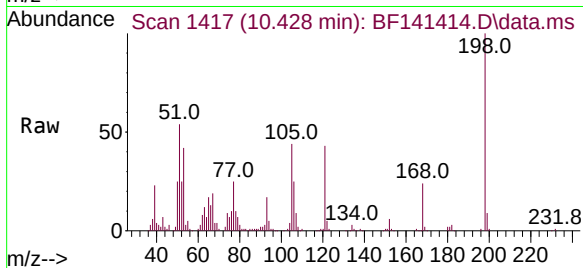
#65
4,6-Dinitro-2-methylphenol
Concen: 59.830 ng
RT: 10.428 min Scan# 1418
Delta R.T. -0.012 min
Lab File: BF141414.D
Acq: 04 Feb 2025 17:49

Instrument :
BNA_F
ClientSampleId :
286MSD

Tgt Ion:198 Resp: 9959
Ion Ratio Lower Upper
198 100
51 54.4 33.4 73.4
105 44.1 24.4 64.4

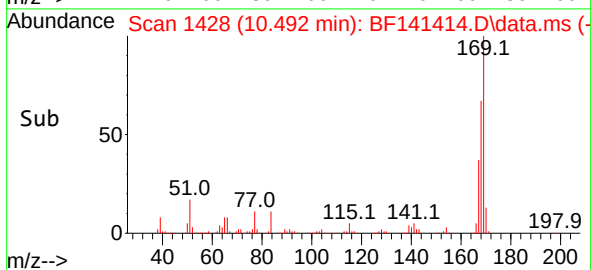
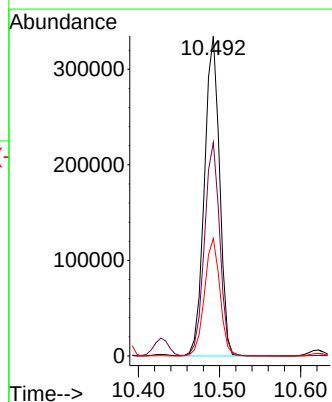
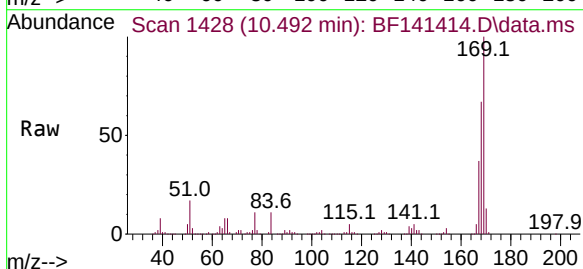
Manual Integrations
APPROVED

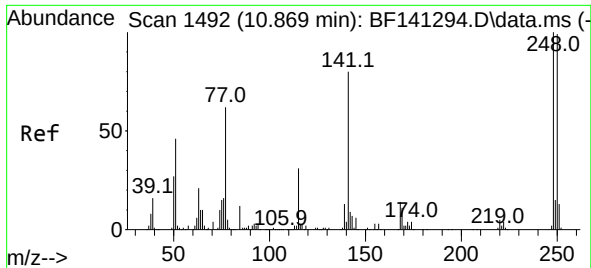
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#66
n-Nitrosodiphenylamine
Concen: 47.533 ng
RT: 10.492 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF141414.D
Acq: 04 Feb 2025 17:49

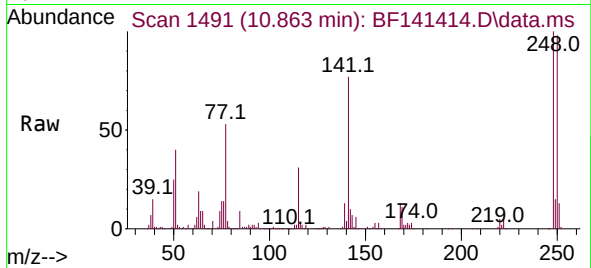
Tgt Ion:169 Resp: 432642
Ion Ratio Lower Upper
169 100
168 66.7 53.0 79.4
167 36.7 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 50.144 ng
RT: 10.863 min Scan# 1491
Delta R.T. -0.012 min
Lab File: BF141414.D
Acq: 04 Feb 2025 17:49

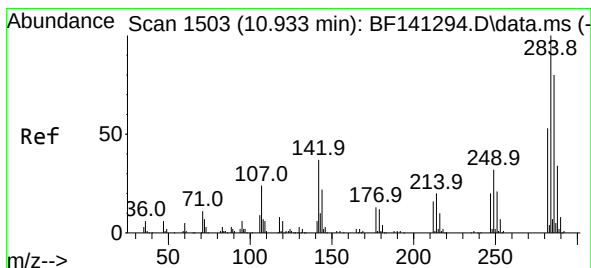
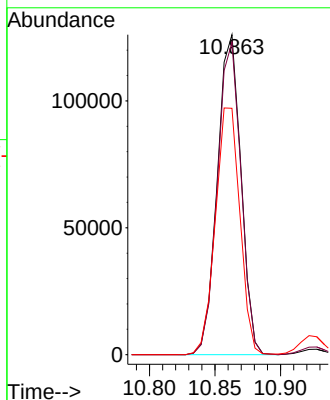
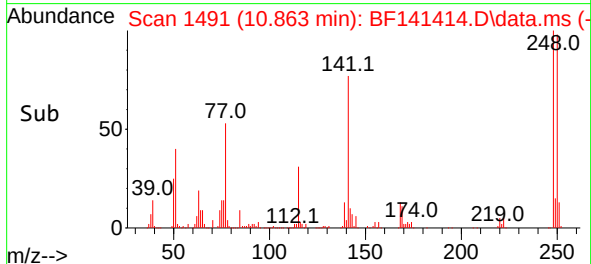
Instrument :
BNA_F
ClientSampleId :
286MSD



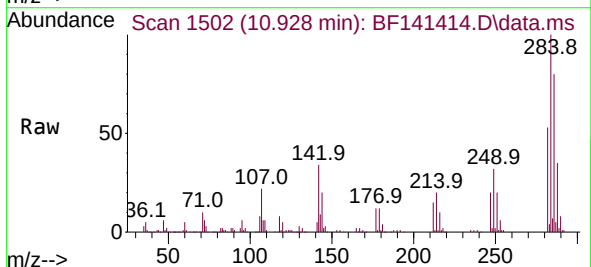
Tgt Ion:248 Resp: 157980
Ion Ratio Lower Upper
248 100
250 97.6 79.0 118.4
141 77.0 63.7 95.5

Manual Integrations
APPROVED

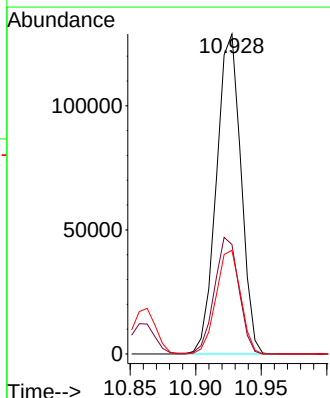
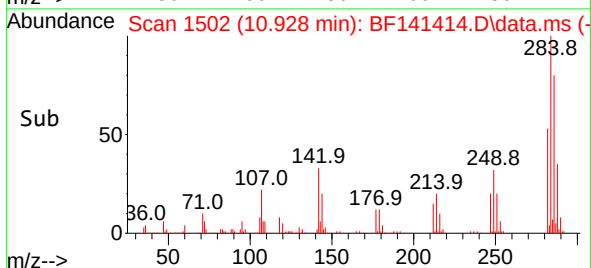
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

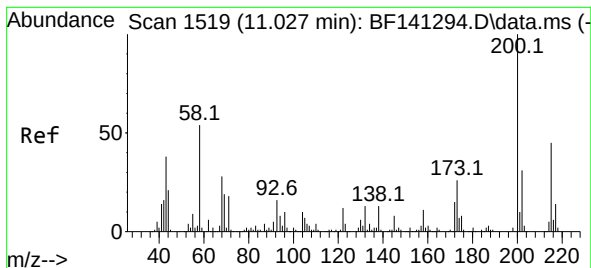


#68
Hexachlorobenzene
Concen: 50.075 ng
RT: 10.928 min Scan# 1502
Delta R.T. -0.012 min
Lab File: BF141414.D
Acq: 04 Feb 2025 17:49



Tgt Ion:284 Resp: 167348
Ion Ratio Lower Upper
284 100
142 34.2 29.5 44.3
249 32.4 25.4 38.2





#69

Atrazine

Concen: 43.223 ng

RT: 11.022 min Scan# 1519

Delta R.T. -0.012 min

Lab File: BF141414.D

Acq: 04 Feb 2025 17:49

Instrument :

BNA_F

ClientSampleId :

286MSD

Tgt Ion:200 Resp: 131539

Ion Ratio Lower Upper

200 100

173 24.7 5.9 45.9

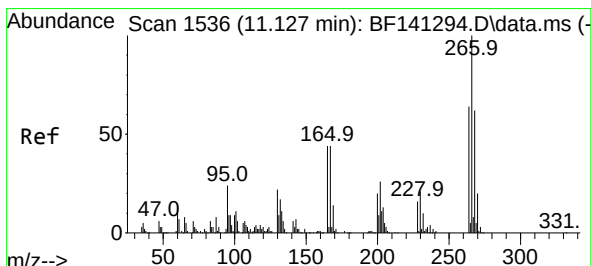
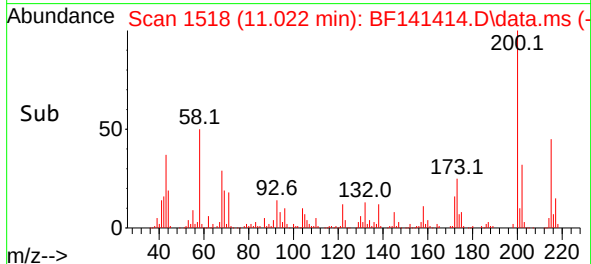
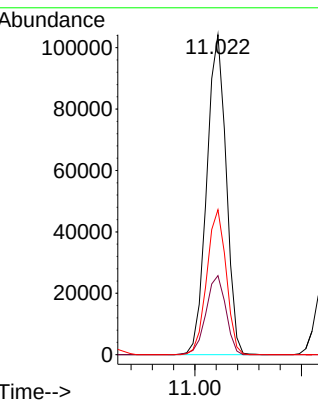
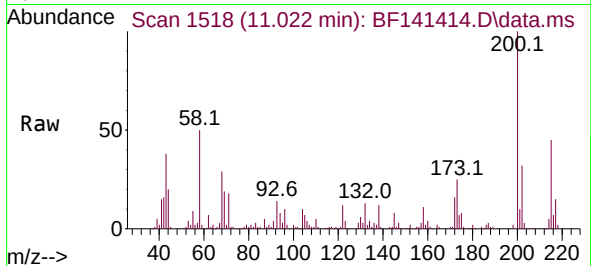
215 45.3 25.2 65.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/05/2025

Supervised By :mohammad ahmed 02/05/2025



#70

Pentachlorophenol

Concen: 116.008 ng

RT: 11.128 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF141414.D

Acq: 04 Feb 2025 17:49

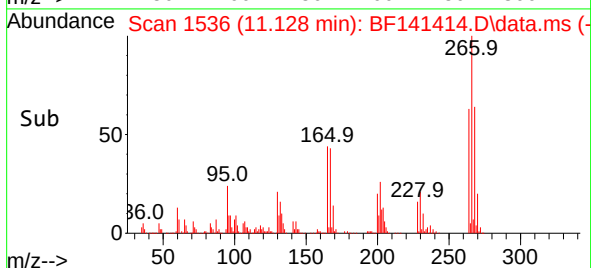
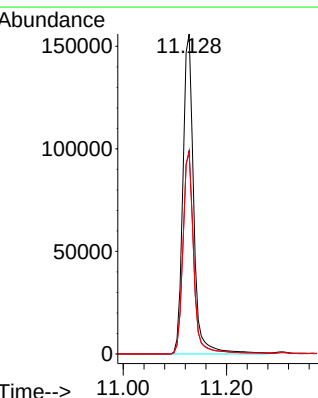
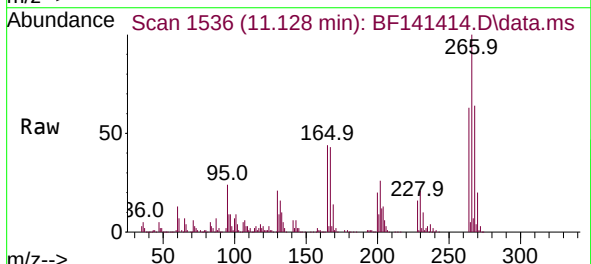
Tgt Ion:266 Resp: 227026

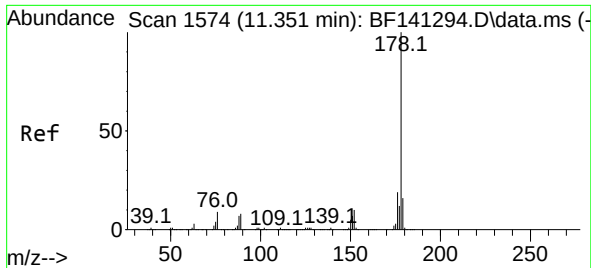
Ion Ratio Lower Upper

266 100

268 63.6 49.9 74.9

264 62.9 51.0 76.4





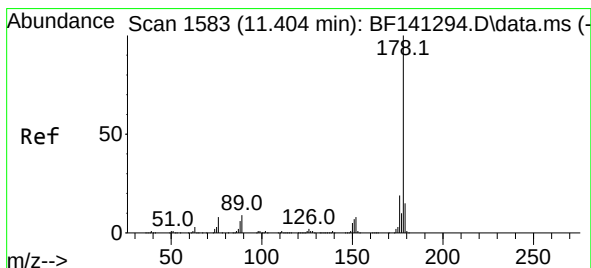
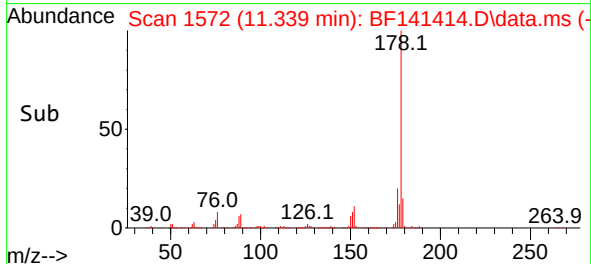
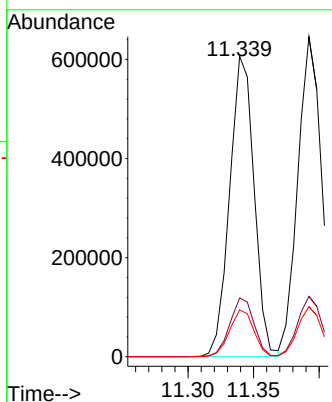
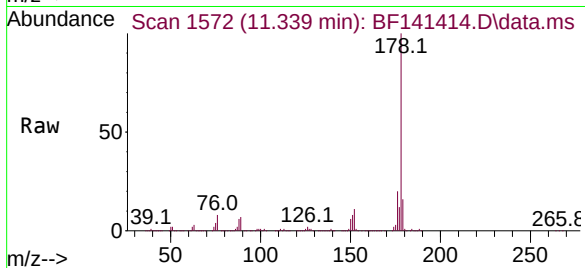
#71
Phenanthrene
Concen: 52.128 ng
RT: 11.339 min Scan# 1572
Delta R.T. -0.012 min
Lab File: BF141414.D
Acq: 04 Feb 2025 17:49

Instrument :
BNA_F
ClientSampleId :
286MSD

Tgt Ion:178 Resp: 788550
Ion Ratio Lower Upper
178 100
176 19.5 15.3 22.9
179 15.5 12.5 18.7

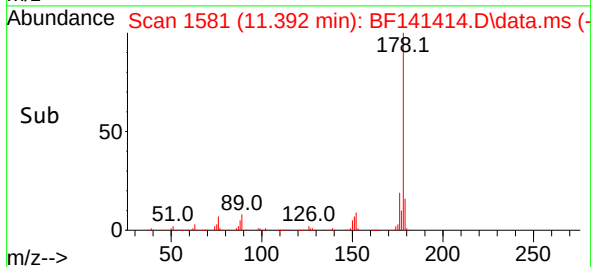
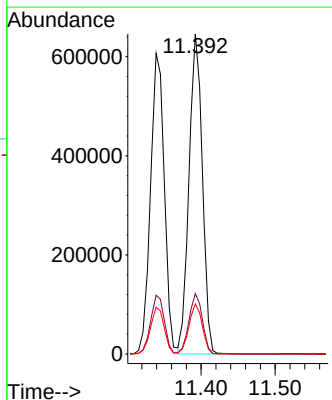
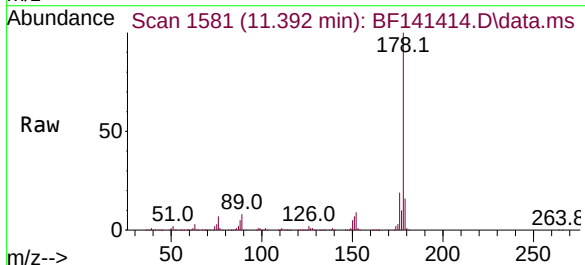
Manual Integrations
APPROVED

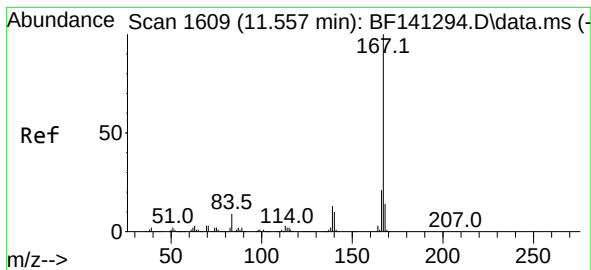
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#72
Anthracene
Concen: 54.598 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF141414.D
Acq: 04 Feb 2025 17:49

Tgt Ion:178 Resp: 809258
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 15.6 12.3 18.5





#73

Carbazole

Concen: 52.913 ng

RT: 11.551 min Scan# 1608

Delta R.T. -0.006 min

Lab File: BF141414.D

Acq: 04 Feb 2025 17:49

Instrument :

BNA_F

ClientSampleId :

286MSD

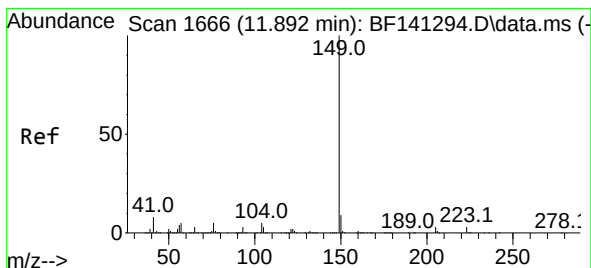
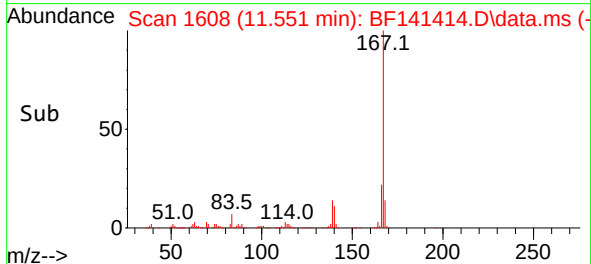
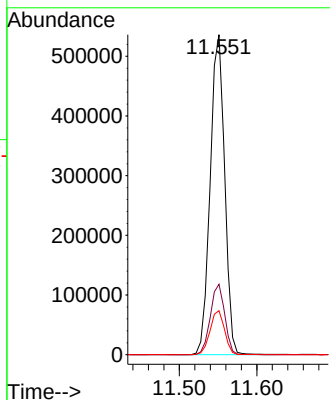
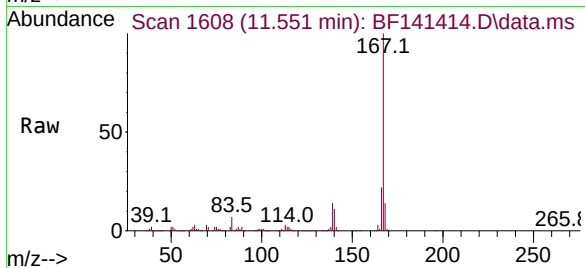
Tgt Ion:167	Resp: 695438
Ion Ratio	Lower Upper
167 100	
166 22.0	17.0 25.6
139 13.8	10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/05/2025

Supervised By :mohammad ahmed 02/05/2025



#74

Di-n-butylphthalate

Concen: 48.805 ng

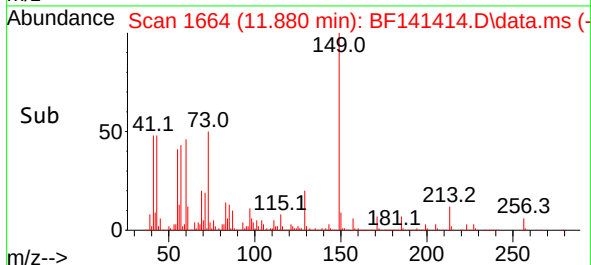
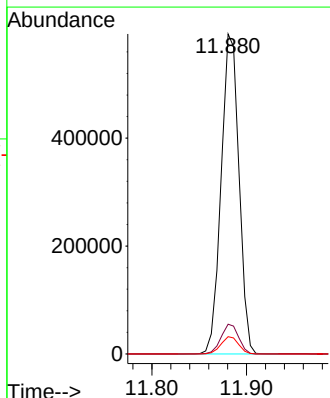
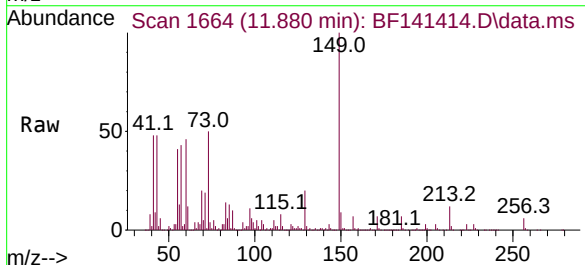
RT: 11.880 min Scan# 1664

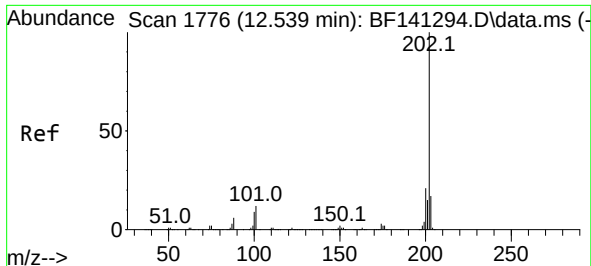
Delta R.T. -0.012 min

Lab File: BF141414.D

Acq: 04 Feb 2025 17:49

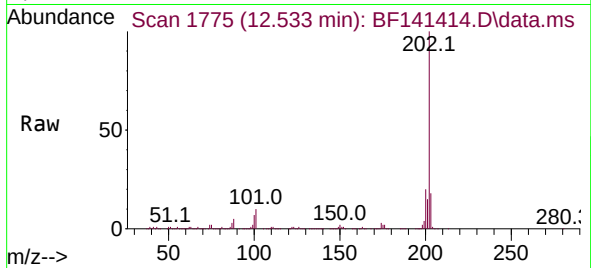
Tgt Ion:149	Resp: 777362
Ion Ratio	Lower Upper
149 100	
150 9.3	7.4 11.2
104 5.4	3.9 5.9





#75
Fluoranthene
Concen: 57.504 ng
RT: 12.533 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141414.D
Acq: 04 Feb 2025 17:49

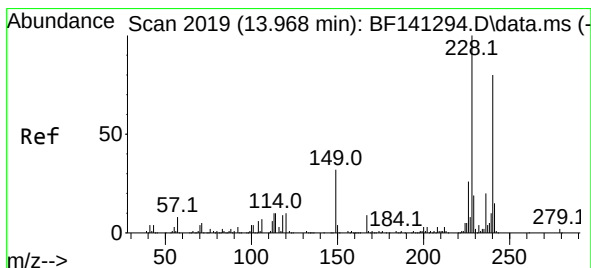
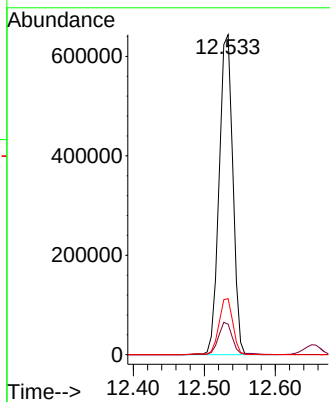
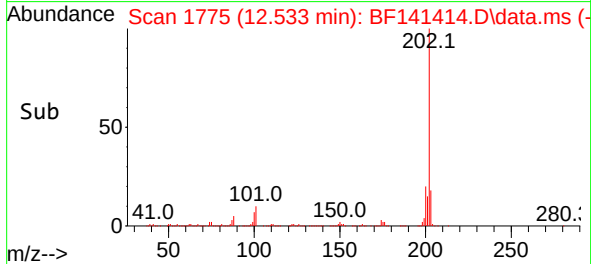
Instrument :
BNA_F
ClientSampleId :
286MSD



Tgt Ion:202 Resp: 85891
Ion Ratio Lower Upper
202 100
101 9.6 0.0 31.7
203 17.5 0.0 37.5

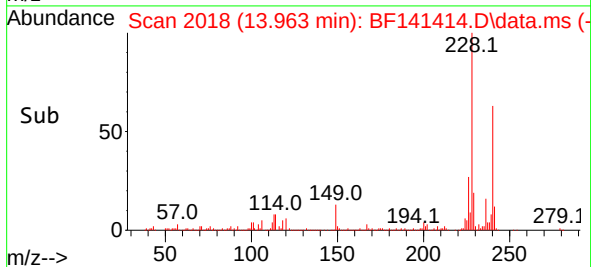
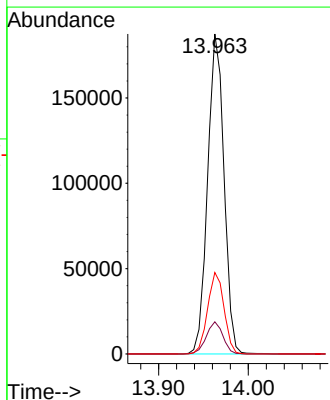
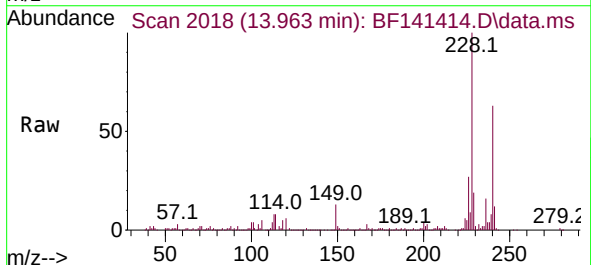
Manual Integrations
APPROVED

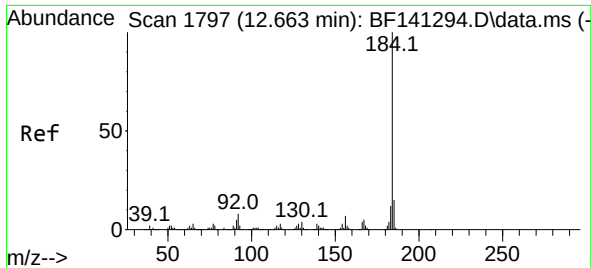
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF141414.D
Acq: 04 Feb 2025 17:49

Tgt Ion:240 Resp: 237517
Ion Ratio Lower Upper
240 100
120 10.0 10.0 15.0
236 25.5 19.7 29.5





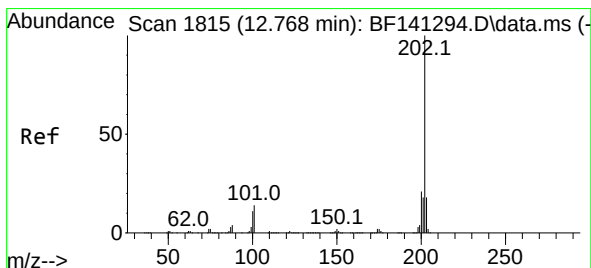
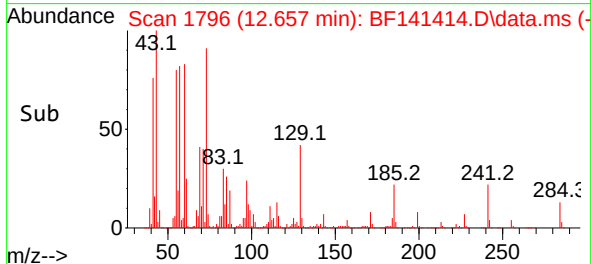
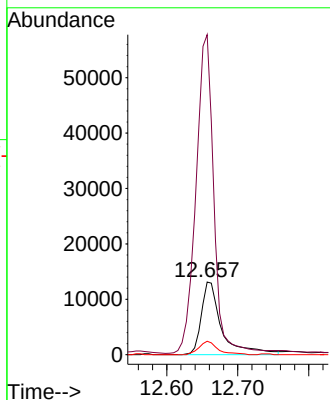
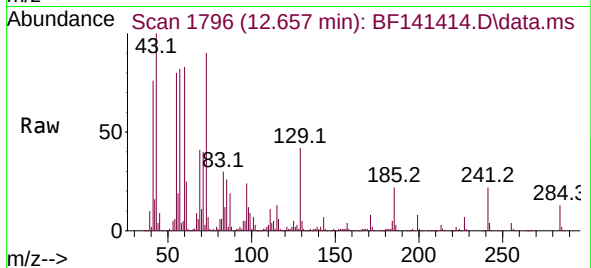
#77
Benzidine
Concen: 3.440 ng
RT: 12.657 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141414.D
Acq: 04 Feb 2025 17:49

Instrument :
BNA_F
ClientSampleId :
286MSD

Tgt Ion:184 Resp: 2619
Ion Ratio Lower Upper
184 100
185 440.9 11.9 17.9
183 18.6 9.5 14.3

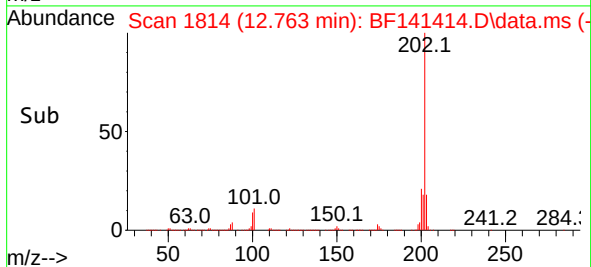
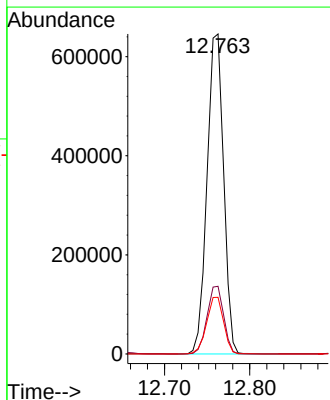
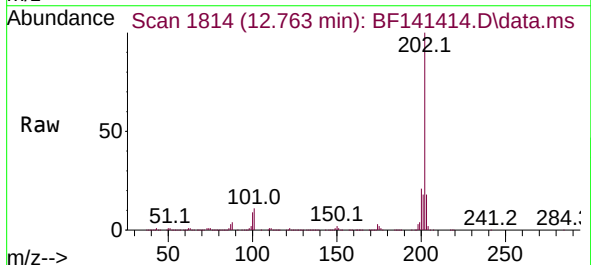
Manual Integrations
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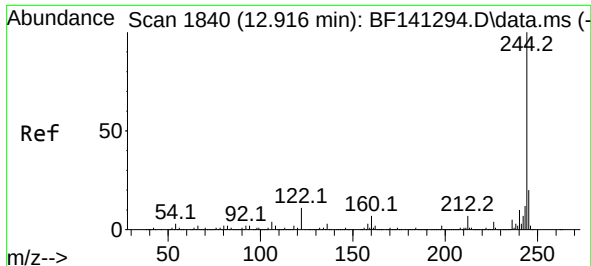
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#78
Pyrene
Concen: 38.244 ng
RT: 12.763 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BF141414.D
Acq: 04 Feb 2025 17:49

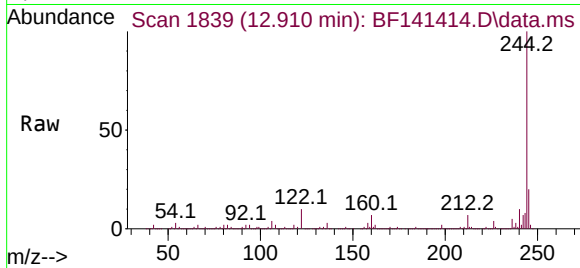
Tgt Ion:202 Resp: 871937
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 17.7 14.3 21.5





#79
 Terphenyl-d14
 Concen: 89.094 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF141414.D
 Acq: 04 Feb 2025 17:49

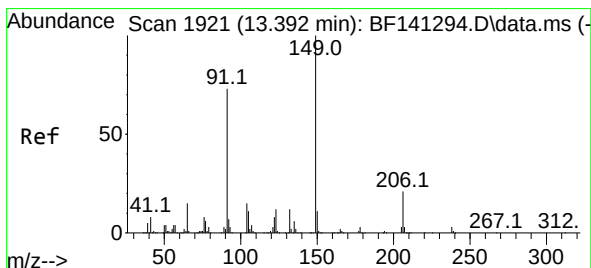
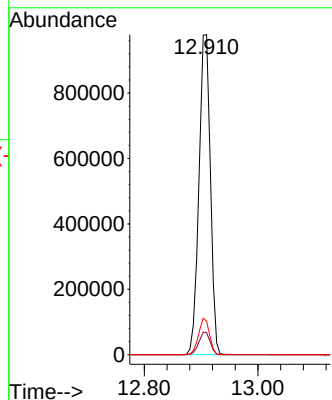
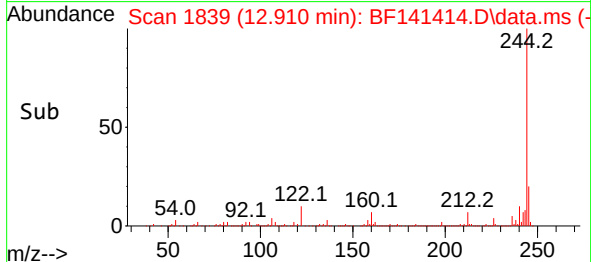
Instrument :
 BNA_F
 ClientSampleId :
 286MSD



Tgt Ion:244 Resp: 137216
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 10.4 8.8 13.2

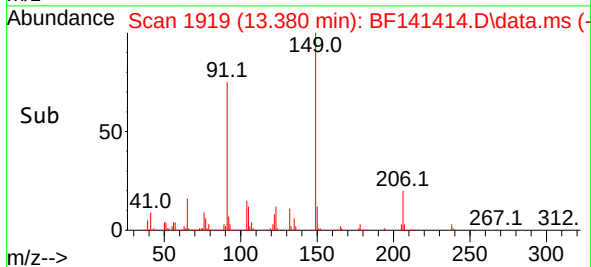
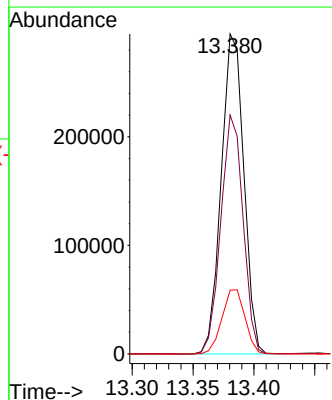
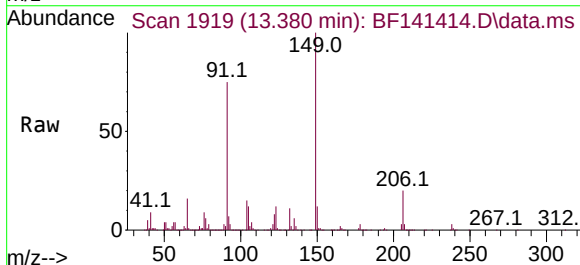
Manual Integrations
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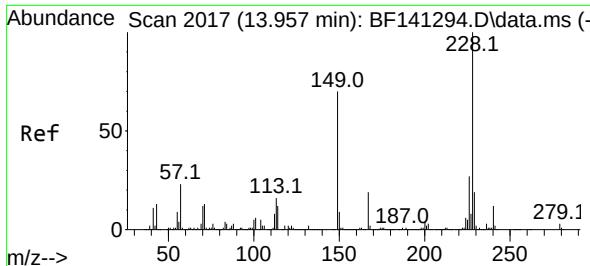
Reviewed By :Yogesh Patel 02/05/2025
 Supervised By :mohammad ahmed 02/05/2025



#80
 Butylbenzylphthalate
 Concen: 47.845 ng
 RT: 13.380 min Scan# 1919
 Delta R.T. -0.012 min
 Lab File: BF141414.D
 Acq: 04 Feb 2025 17:49

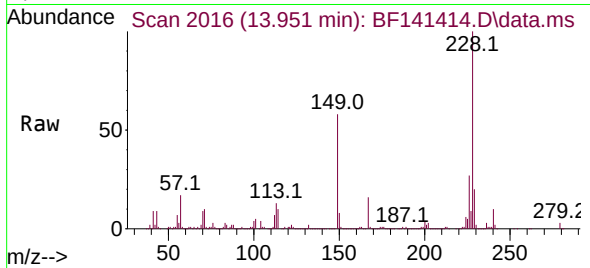
Tgt Ion:149 Resp: 381092
 Ion Ratio Lower Upper
 149 100
 91 74.7 58.6 87.8
 206 19.9 16.7 25.1





#81
Benzo(a)anthracene
Concen: 49.295 ng
RT: 13.951 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF141414.D
Acq: 04 Feb 2025 17:49

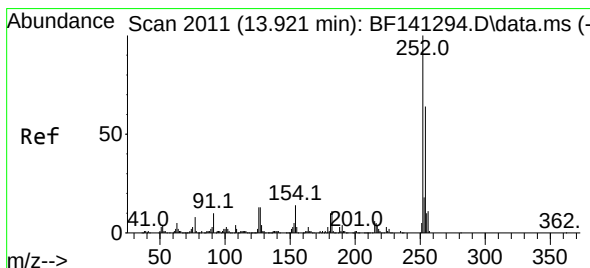
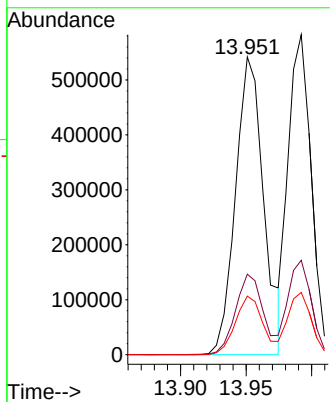
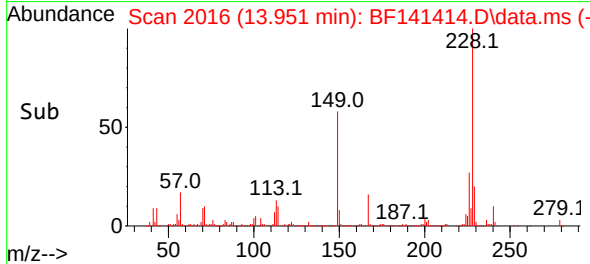
Instrument :
BNA_F
ClientSampleId :
286MSD



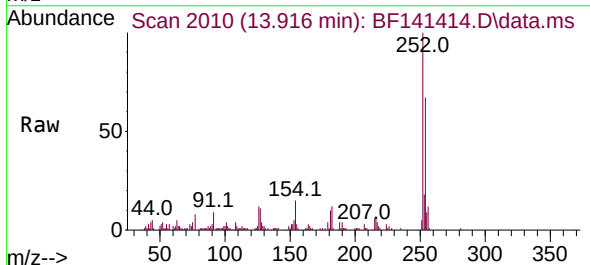
Tgt Ion:228 Resp: 80794
Ion Ratio Lower Upper
228 100
226 27.0 21.4 32.2
229 19.7 15.5 23.3

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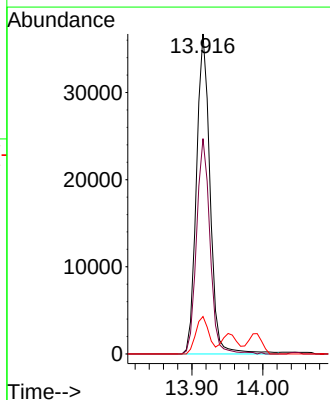
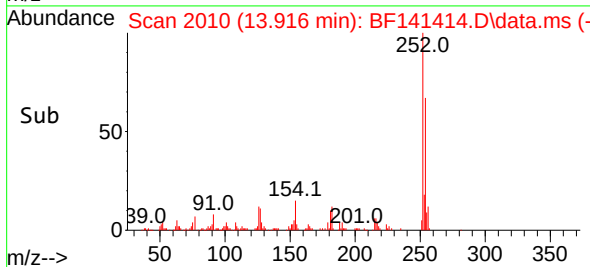
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

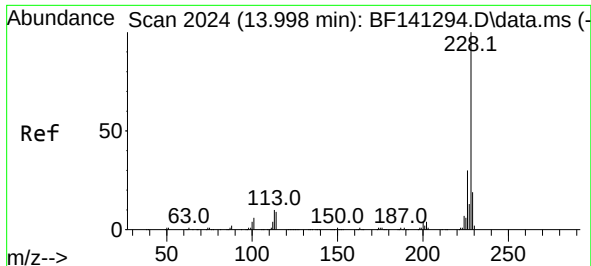


#82
3,3'-Dichlorobenzidine
Concen: 9.425 ng
RT: 13.916 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF141414.D
Acq: 04 Feb 2025 17:49



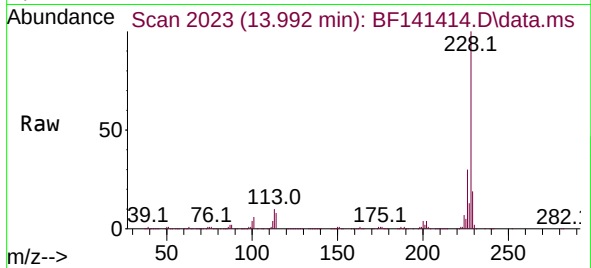
Tgt Ion:252 Resp: 49132
Ion Ratio Lower Upper
252 100
254 67.3 51.3 76.9
126 11.7 10.0 15.0





#83
Chrysene
Concen: 47.170 ng
RT: 13.992 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF141414.D
Acq: 04 Feb 2025 17:49

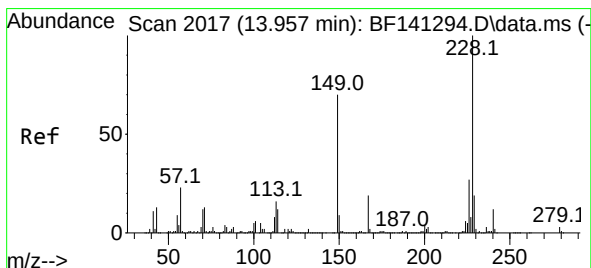
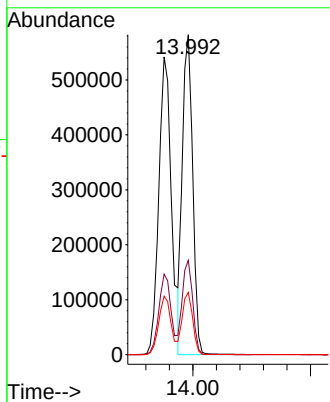
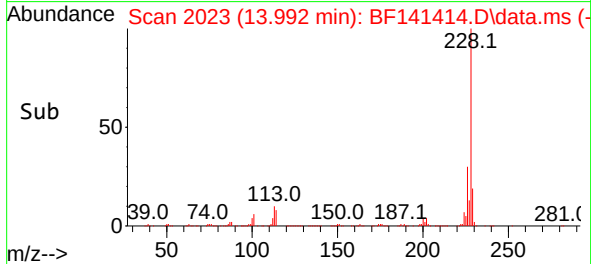
Instrument :
BNA_F
ClientSampleId :
286MSD



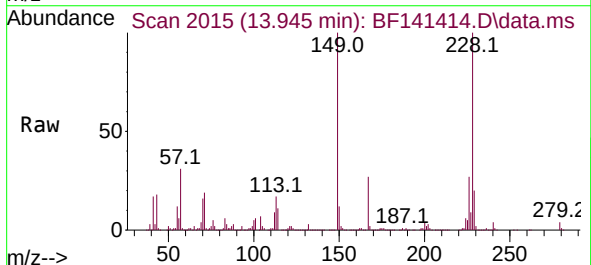
Tgt Ion:228 Resp: 708540
Ion Ratio Lower Upper
228 100
226 29.5 24.1 36.1
229 19.5 15.6 23.4

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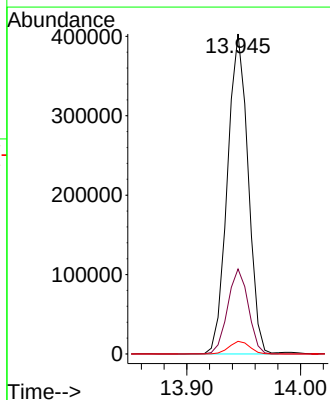
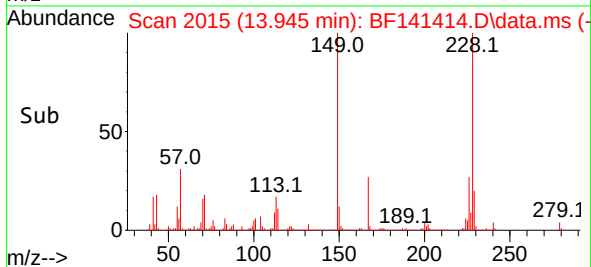
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

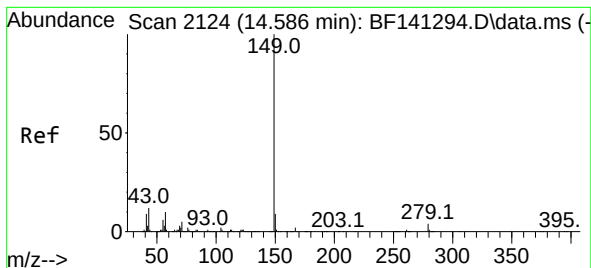


#84
Bis(2-ethylhexyl)phthalate
Concen: 50.467 ng
RT: 13.945 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF141414.D
Acq: 04 Feb 2025 17:49



Tgt Ion:149 Resp: 509927
Ion Ratio Lower Upper
149 100
167 26.6 21.8 32.8
279 3.9 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 51.736 ng

RT: 14.574 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF141414.D

Acq: 04 Feb 2025 17:49

Instrument :

BNA_F

ClientSampleId :

286MSD

Tgt Ion:149 Resp: 81192

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

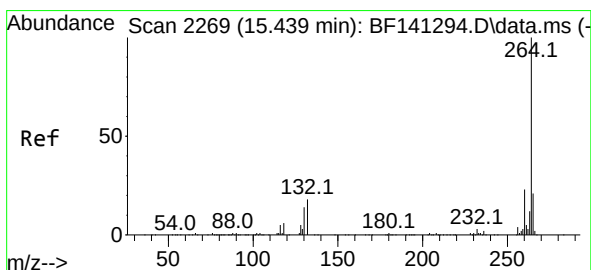
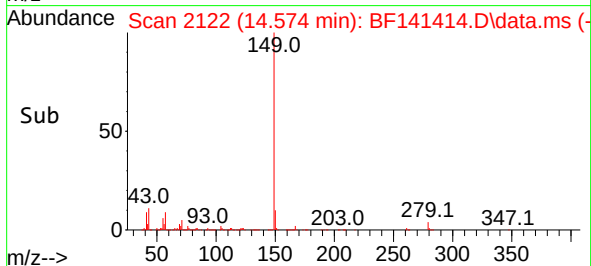
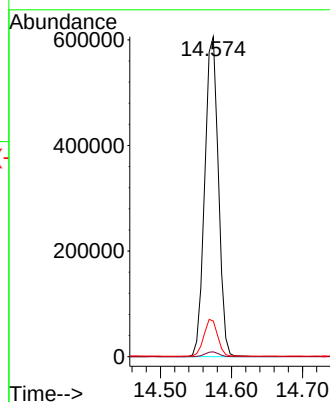
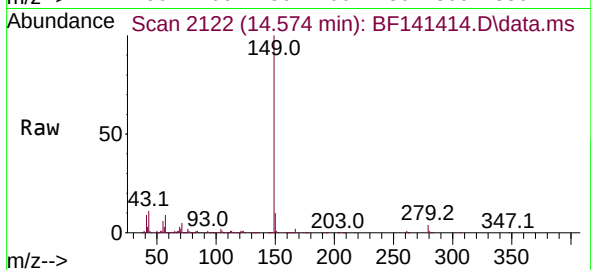
43 11.6 9.8 14.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/05/2025

Supervised By :mohammad ahmed 02/05/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.427 min Scan# 2267

Delta R.T. -0.012 min

Lab File: BF141414.D

Acq: 04 Feb 2025 17:49

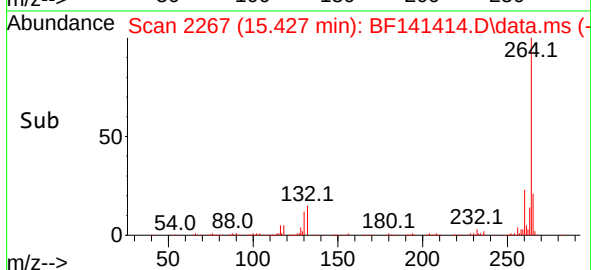
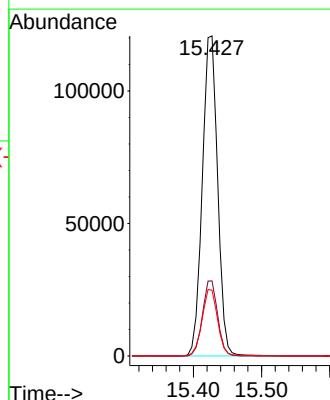
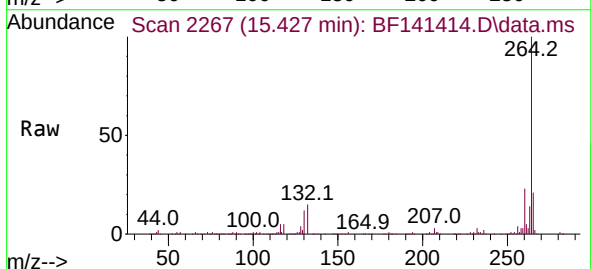
Tgt Ion:264 Resp: 188623

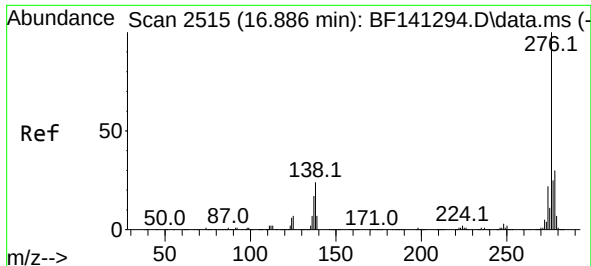
Ion Ratio Lower Upper

264 100

260 23.5 18.6 27.8

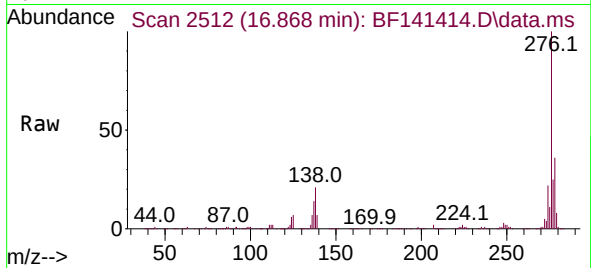
265 20.6 16.7 25.1





#87
Indeno(1,2,3-cd)pyrene
Concen: 51.048 ng
RT: 16.868 min Scan# 21195
Delta R.T. -0.029 min
Lab File: BF141414.D
Acq: 04 Feb 2025 17:49

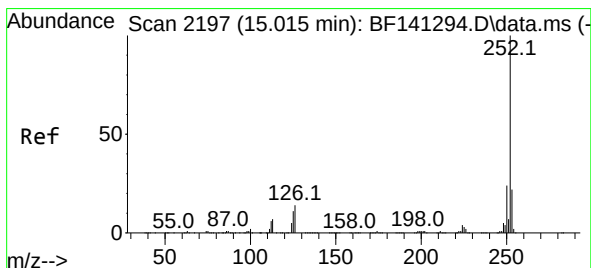
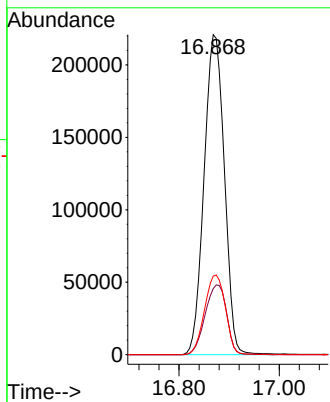
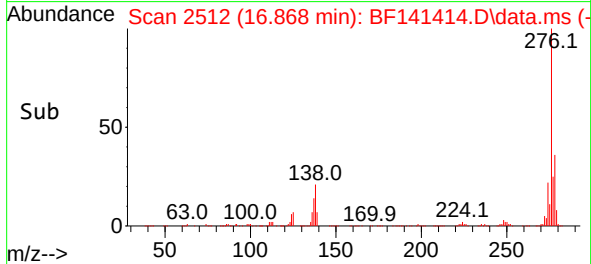
Instrument :
BNA_F
ClientSampleId :
286MSD



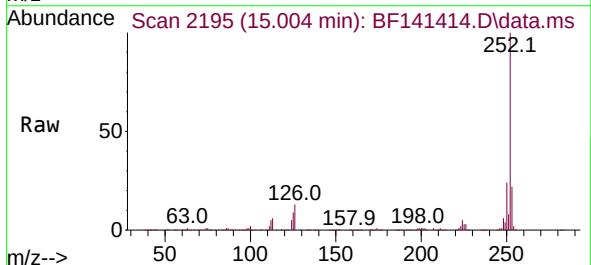
Tgt Ion:276 Resp: 621470
Ion Ratio Lower Upper
276 100
138 23.0 21.7 32.5
277 25.6 20.3 30.5

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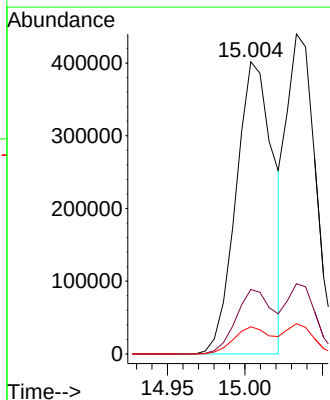
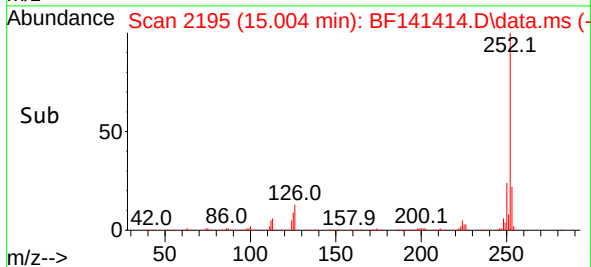
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

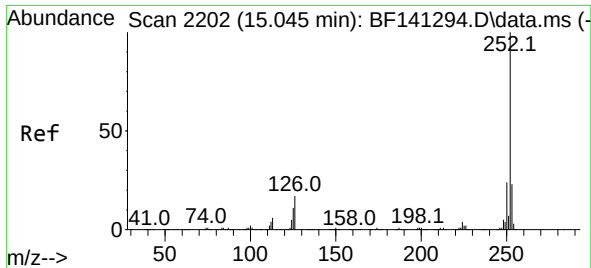


#88
Benzo(b)fluoranthene
Concen: 56.755 ng
RT: 15.004 min Scan# 2195
Delta R.T. -0.018 min
Lab File: BF141414.D
Acq: 04 Feb 2025 17:49



Tgt Ion:252 Resp: 673394
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 9.3 8.6 12.8





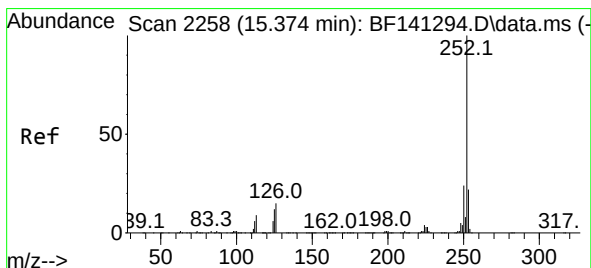
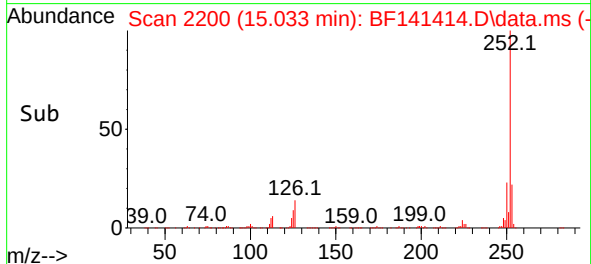
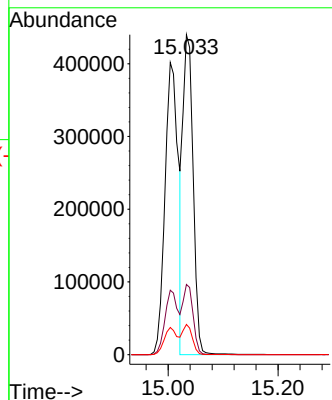
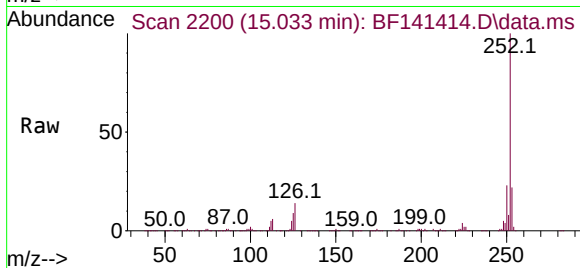
#89
Benzo(k)fluoranthene
Concen: 54.169 ng
RT: 15.033 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF141414.D
Acq: 04 Feb 2025 17:49

Instrument :
BNA_F
ClientSampleId :
286MSD

Tgt Ion:252 Resp: 56936
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 9.4 8.4 12.6

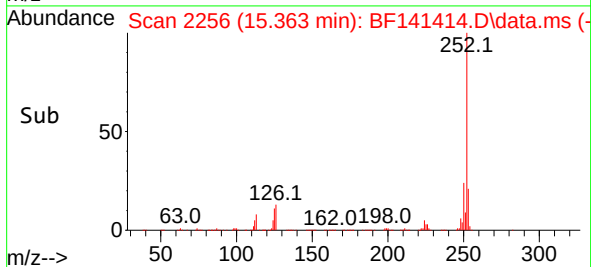
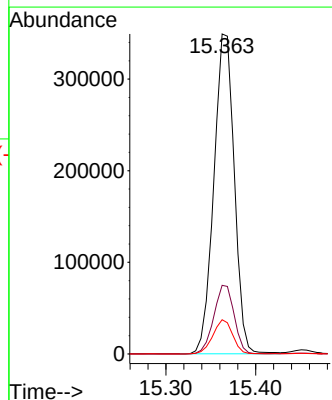
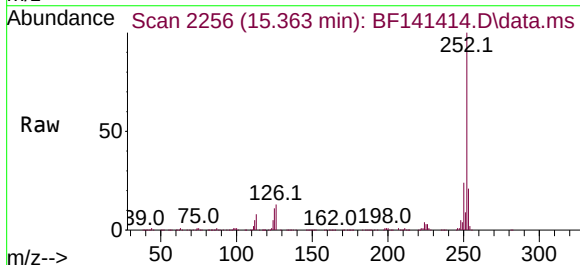
Manual Integrations
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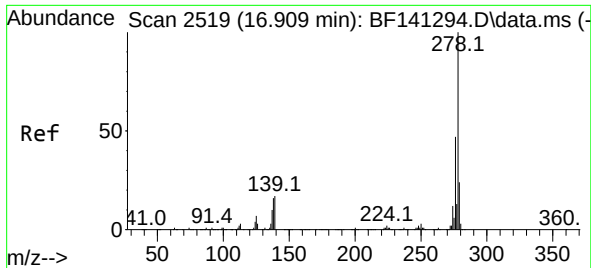
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#90
Benzo(a)pyrene
Concen: 55.181 ng
RT: 15.363 min Scan# 2256
Delta R.T. -0.018 min
Lab File: BF141414.D
Acq: 04 Feb 2025 17:49

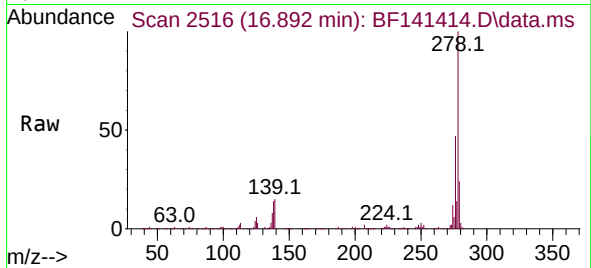
Tgt Ion:252 Resp: 553266
Ion Ratio Lower Upper
252 100
253 21.5 17.2 25.8
125 10.7 9.4 14.2





#91
Dibenzo(a,h)anthracene
Concen: 51.025 ng
RT: 16.892 min Scan# 2519
Delta R.T. -0.029 min
Lab File: BF141414.D
Acq: 04 Feb 2025 17:49

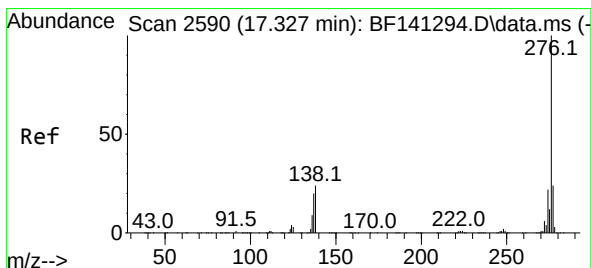
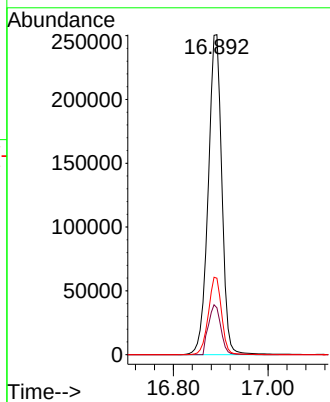
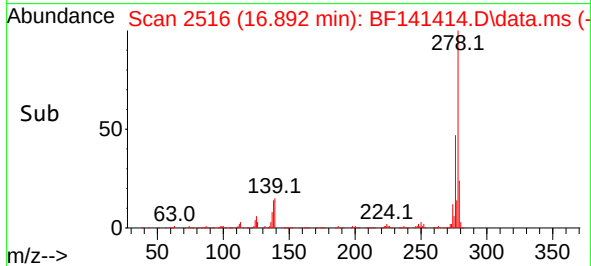
Instrument :
BNA_F
ClientSampleId :
286MSD



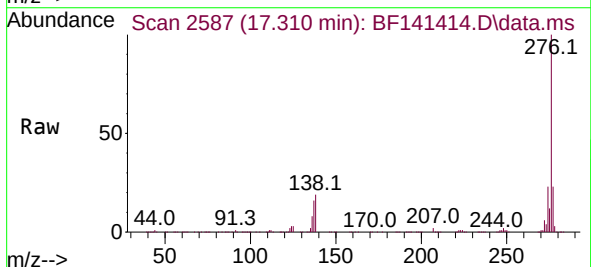
Tgt Ion:278 Resp: 499768
Ion Ratio Lower Upper
278 100
139 14.7 13.9 20.9
279 23.9 18.8 28.2

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



#92
Benzo(g,h,i)perylene
Concen: 47.522 ng
RT: 17.310 min Scan# 2587
Delta R.T. -0.035 min
Lab File: BF141414.D
Acq: 04 Feb 2025 17:49



Tgt Ion:276 Resp: 483975
Ion Ratio Lower Upper
276 100
277 23.3 19.2 28.8
138 18.9 19.0 28.4#

