

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
 Data File : BF140354.D
 Acq On : 14 Nov 2024 11:01
 Operator : RC/JU
 Sample : PB164911BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164911BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/15/2024
 Supervised By :mohammad ahmed 11/15/2024

Quant Time: Nov 14 11:46:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	151652	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	590383	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	317102	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	623331	20.000	ng	0.00
76) Chrysene-d12	14.057	240	351921	20.000	ng	0.00
86) Perylene-d12	15.551	264	286642	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	830630	93.517	ng	0.01
7) Phenol-d6	6.510	99	1131539	94.030	ng	0.00
23) Nitrobenzene-d5	7.445	82	1038462	91.647	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	310354	98.421	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1820812	92.306	ng	0.00
79) Terphenyl-d14	12.986	244	2082804	102.731	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.740	88	155677	39.325	ng	99
3) Pyridine	3.493	79	392053	40.284	ng	99
4) n-Nitrosodimethylamine	3.452	42	229724	46.704	ng	98
6) Aniline	6.540	93	449786	42.966	ng	96
8) 2-Chlorophenol	6.663	128	478938	50.197	ng	98
10) Phenol	6.522	94	624816	49.234	ng	99
11) bis(2-Chloroethyl)ether	6.616	93	449030	46.698	ng	99
12) 1,3-Dichlorobenzene	6.822	146	474881	45.110	ng	99
13) 1,4-Dichlorobenzene	6.898	146	479691	44.939	ng	100
14) 1,2-Dichlorobenzene	7.045	146	465809	47.007	ng	99
15) Benzyl Alcohol	7.022	79	439444	50.685	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	652660	49.139	ng	99
17) 2-Methylphenol	7.128	107	395954	50.448	ng	99
18) Hexachloroethane	7.387	117	177255	44.919	ng	97
19) n-Nitroso-di-n-propyla...	7.292	70	348561	47.959	ng	99
20) 3+4-Methylphenols	7.281	107	472127	48.099	ng	99
22) Acetophenone	7.287	105	631429	45.985	ng	98
24) Nitrobenzene	7.463	77	531212	45.027	ng	99
25) Isophorone	7.698	82	975290	48.565	ng	100
26) 2-Nitrophenol	7.775	139	252849	48.297	ng	98
27) 2,4-Dimethylphenol	7.810	122	451235	67.323	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	586265	47.610	ng	100
29) 2,4-Dichlorophenol	8.016	162	396175	47.827	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	417365	45.256	ng	99
31) Naphthalene	8.181	128	1354453	45.225	ng	100
32) Benzoic acid	7.939	122	272032	46.125	ng	96
33) 4-Chloroaniline	8.228	127	313329	30.083	ng	99
34) Hexachlorobutadiene	8.292	225	256598	43.669	ng	99
35) Caprolactam	8.598	113	131997m	47.944	ng	
36) 4-Chloro-3-methylphenol	8.710	107	447532	48.752	ng	100
37) 2-Methylnaphthalene	8.869	142	883352	45.999	ng	99
38) 1-Methylnaphthalene	8.969	142	817035	43.447	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	409732	46.726	ng	99
41) Hexachlorocyclopentadiene	9.022	237	448721	199.304	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	290702	50.515	ng	99
44) 2,4,5-Trichlorophenol	9.198	196	308570	49.043	ng	97

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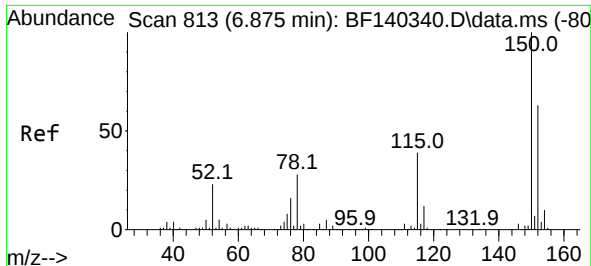
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.333	154	1092386	47.353	ng	99
47) 2-Chloronaphthalene	9.363	162	827908	47.112	ng	99
48) 2-Nitroaniline	9.457	65	297803	51.099	ng	97
49) Acenaphthylene	9.775	152	1335482	50.229	ng	99
50) Dimethylphthalate	9.639	163	1031539	49.908	ng	99
51) 2,6-Dinitrotoluene	9.698	165	232900	49.427	ng	98
52) Acenaphthene	9.951	154	976575	54.381	ng	99
53) 3-Nitroaniline	9.869	138	179363	36.246	ng	99
54) 2,4-Dinitrophenol	9.980	184	274059	112.786	ng	99
55) Dibenzofuran	10.122	168	1243303	48.907	ng	99
56) 4-Nitrophenol	10.033	139	390105	108.077	ng	98
57) 2,4-Dinitrotoluene	10.104	165	309092	49.842	ng	97
58) Fluorene	10.463	166	950777	47.342	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	272385	54.829	ng	99
60) Diethylphthalate	10.339	149	1035417	48.991	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	466316	47.032	ng	98
62) 4-Nitroaniline	10.486	138	239658	47.365	ng	99
63) Azobenzene	10.616	77	1014776	48.594	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	177654	52.973	ng	98
66) n-Nitrosodiphenylamine	10.575	169	868223	48.207	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	289084	46.395	ng	99
68) Hexachlorobenzene	11.016	284	319312	45.547	ng	97
69) Atrazine	11.104	200	275558	50.571	ng	99
70) Pentachlorophenol	11.210	266	337974	89.496	ng	99
71) Phenanthrene	11.427	178	1391714	47.529	ng	99
72) Anthracene	11.480	178	1366110	47.604	ng	100
73) Carbazole	11.633	167	1334712	47.103	ng	100
74) Di-n-butylphthalate	11.963	149	1637777	48.157	ng	100
75) Fluoranthene	12.616	202	1518924	46.237	ng	99
77) Benzidine	12.733	184	209141	15.484	ng	99
78) Pyrene	12.845	202	1509058	50.131	ng	100
80) Butylbenzylphthalate	13.463	149	637437	55.123	ng	97
81) Benzo(a)anthracene	14.045	228	1146530	49.571	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	297903	40.522	ng	98
83) Chrysene	14.080	228	1001293	47.447	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	847008	54.876	ng	99
85) Di-n-octyl phthalate	14.657	149	1155238	53.142	ng	100
87) Indeno(1,2,3-cd)pyrene	17.062	276	1005122	56.765	ng	100
88) Benzo(b)fluoranthene	15.115	252	952128	50.778	ng	99
89) Benzo(k)fluoranthene	15.151	252	848640	55.402	ng	99
90) Benzo(a)pyrene	15.492	252	773381	53.113	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	844804	57.720	ng	99
92) Benzo(g,h,i)perylene	17.515	276	817436	54.630	ng	98

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

Manual Integrations APPROVED

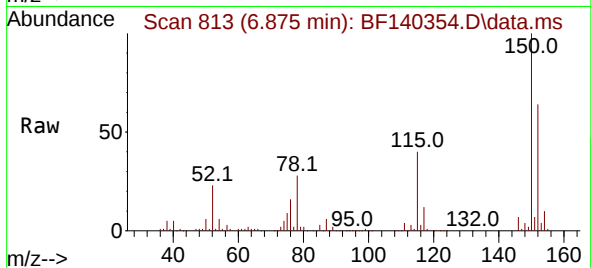
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140354.D
Acq: 14 Nov 2024 11:01

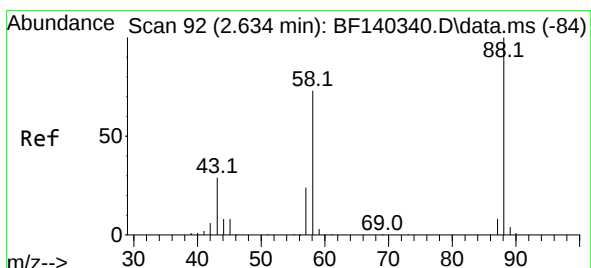
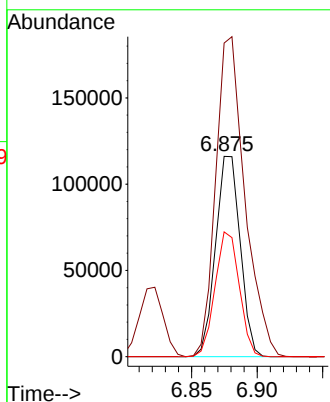
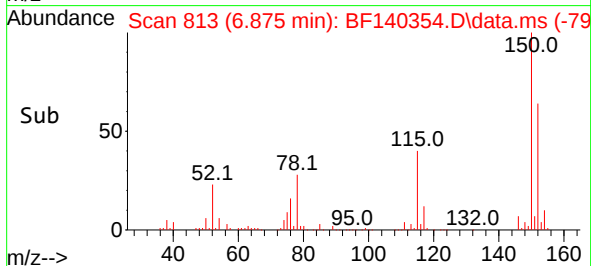
Instrument :
BNA_F
ClientSampleId :
PB164911BSD



Tgt Ion:152 Resp: 151652
Ion Ratio Lower Upper
152 100
150 156.5 127.4 191.0
115 62.3 47.4 71.2

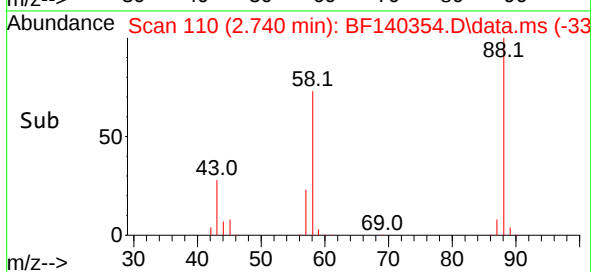
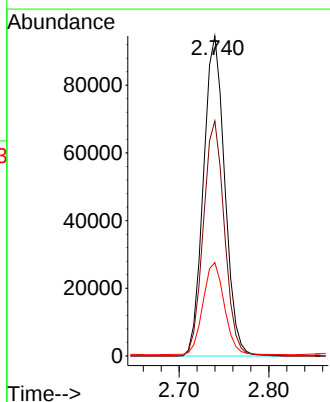
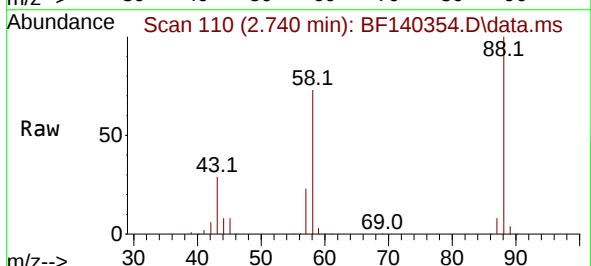
Manual Integrations
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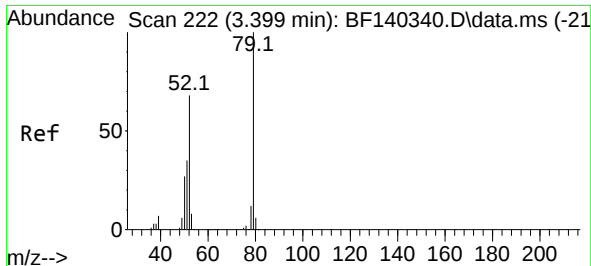
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#2
1,4-Dioxane
Concen: 39.325 ng
RT: 2.740 min Scan# 110
Delta R.T. 0.106 min
Lab File: BF140354.D
Acq: 14 Nov 2024 11:01

Tgt Ion: 88 Resp: 155677
Ion Ratio Lower Upper
88 100
58 72.9 59.5 89.3
43 29.2 23.4 35.2





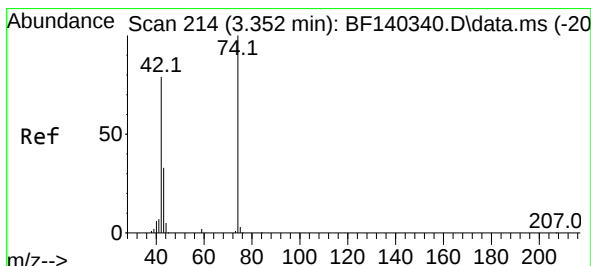
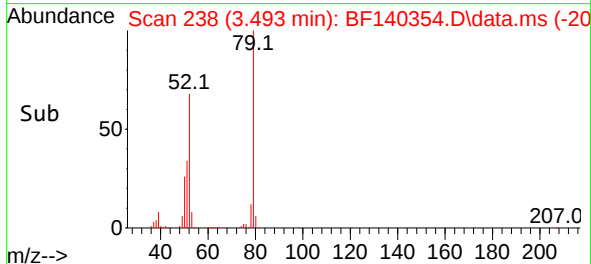
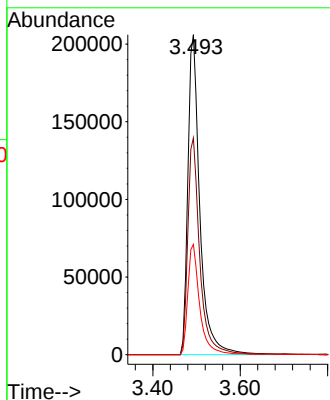
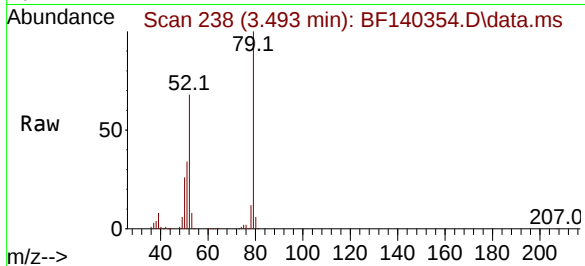
#3
Pyridine
Concen: 40.284 ng
RT: 3.493 min Scan# 211
Delta R.T. 0.088 min
Lab File: BF140354.D
Acq: 14 Nov 2024 11:01

Instrument :
BNA_F
ClientSampleId :
PB164911BSD

Tgt Ion: 79 Resp: 39205
Ion Ratio Lower Upper
79 100
52 67.7 53.8 80.6
51 34.5 27.3 40.9

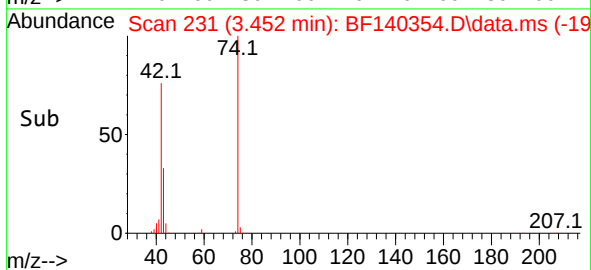
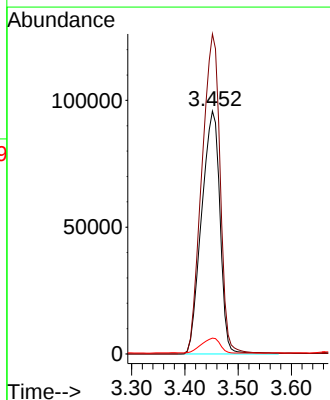
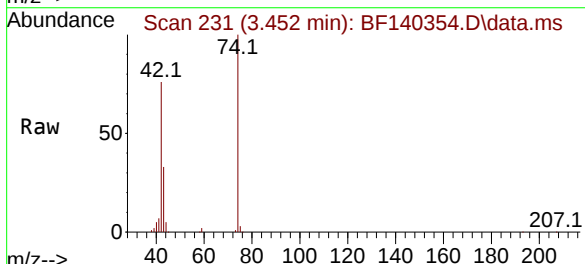
Manual Integrations
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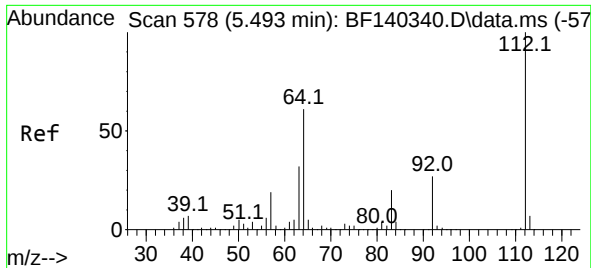
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#4
n-Nitrosodimethylamine
Concen: 46.704 ng
RT: 3.452 min Scan# 231
Delta R.T. 0.094 min
Lab File: BF140354.D
Acq: 14 Nov 2024 11:01

Tgt Ion: 42 Resp: 229724
Ion Ratio Lower Upper
42 100
74 131.7 103.5 155.3
44 6.5 5.1 7.7





#5
2-Fluorophenol
Concen: 93.517 ng
RT: 5.504 min Scan# 578
Delta R.T. 0.012 min
Lab File: BF140354.D
Acq: 14 Nov 2024 11:01

Instrument :

BNA_F

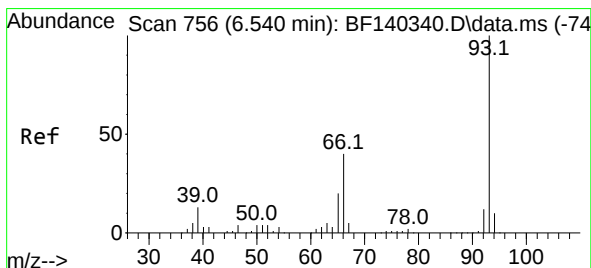
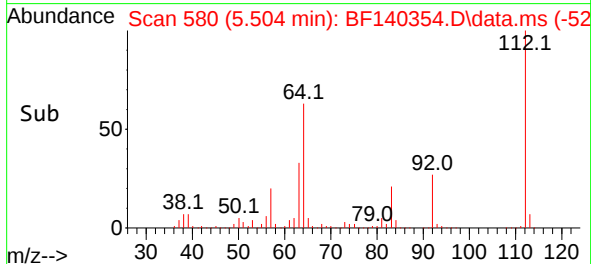
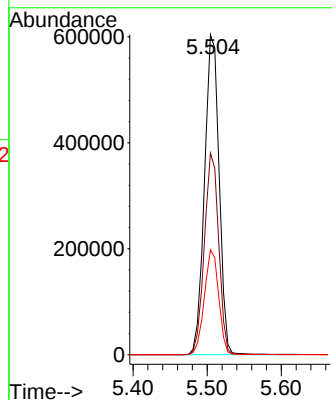
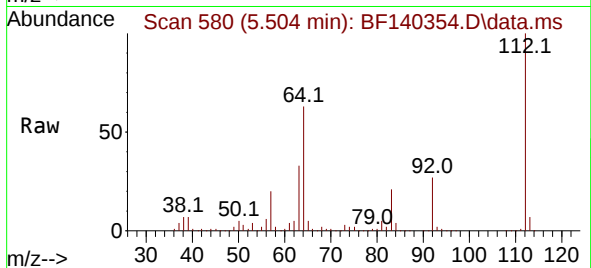
ClientSampleId :

PB164911BSD

Tgt Ion:112 Resp: 830630
Ion Ratio Lower Upper
112 100
64 63.0 49.2 73.8
63 32.8 25.6 38.4

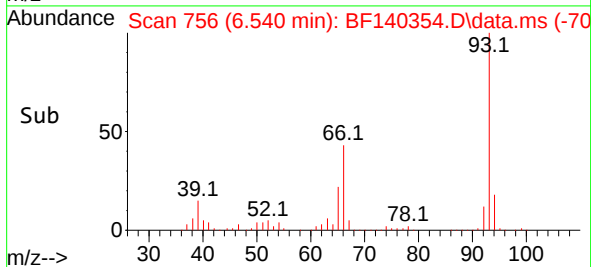
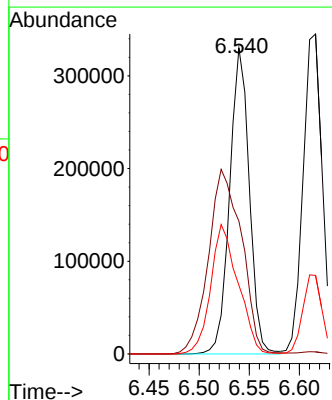
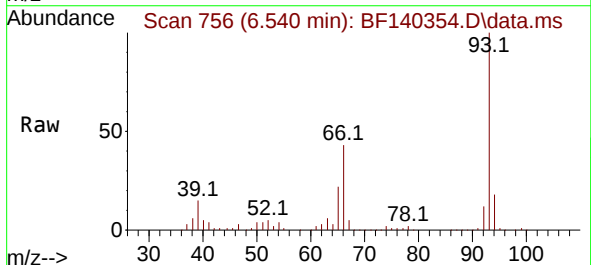
Manual Integrations
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Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#6
Aniline
Concen: 42.966 ng
RT: 6.540 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF140354.D
Acq: 14 Nov 2024 11:01

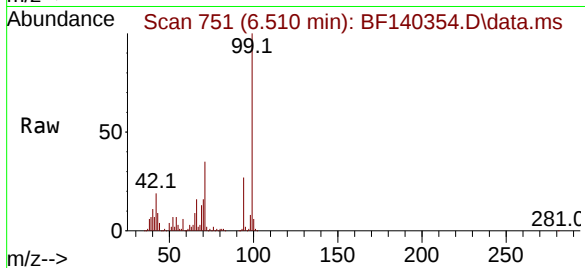
Tgt Ion: 93 Resp: 449786
Ion Ratio Lower Upper
93 100
66 43.4 32.8 49.2
65 22.4 16.6 25.0





#7
Phenol-d6
Concen: 94.030 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF140354.D
Acq: 14 Nov 2024 11:01

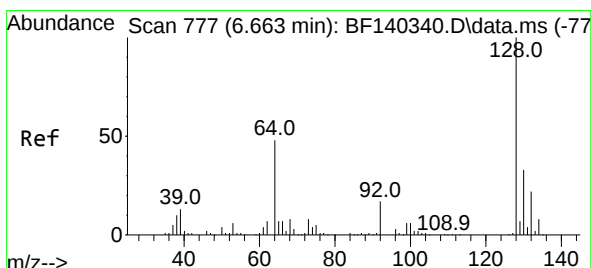
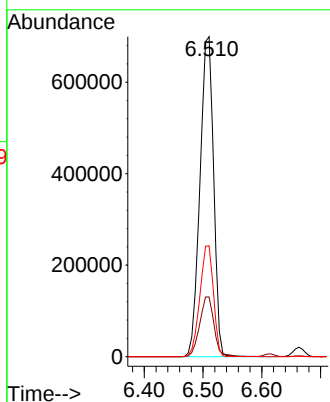
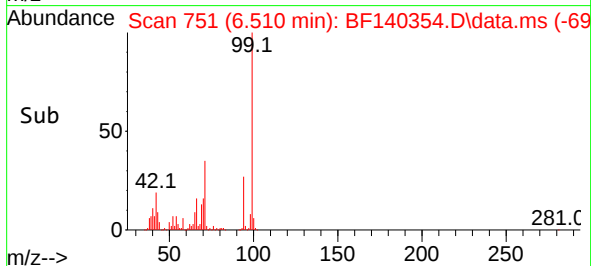
Instrument :
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ClientSampleId :
PB164911BSD



Tgt Ion: 99 Resp: 1131539
Ion Ratio Lower Upper
99 100
42 18.7 15.1 22.7
71 34.6 27.9 41.9

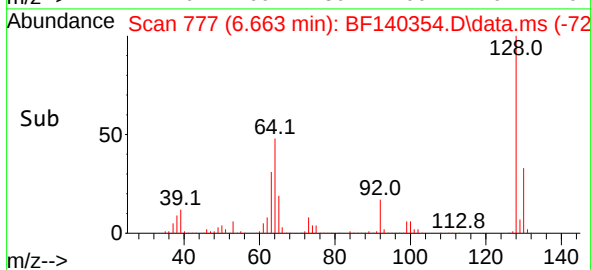
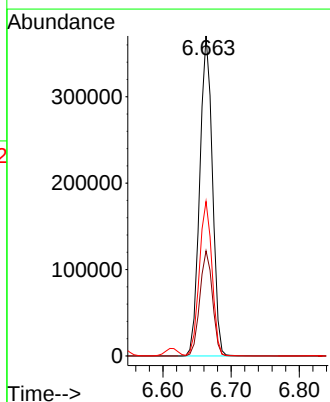
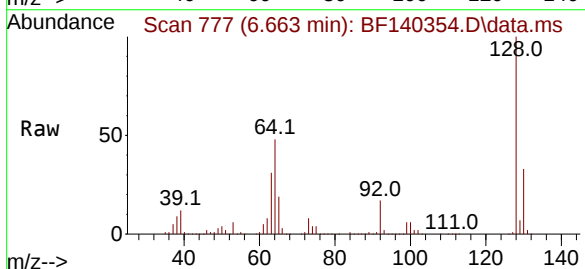
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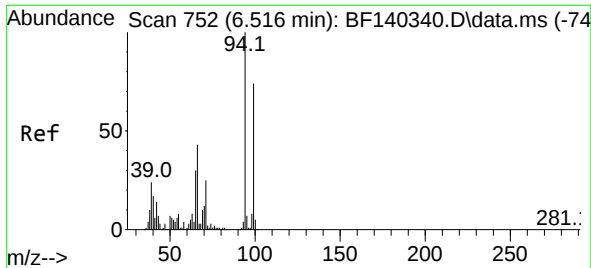
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#8
2-Chlorophenol
Concen: 50.197 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF140354.D
Acq: 14 Nov 2024 11:01

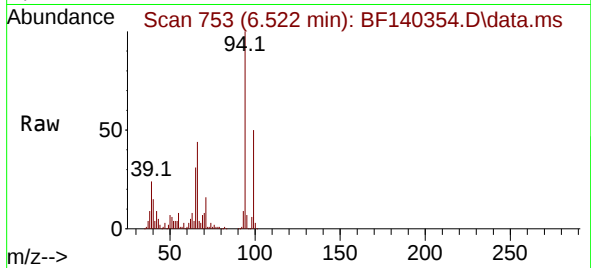
Tgt Ion:128 Resp: 478938
Ion Ratio Lower Upper
128 100
130 32.8 12.2 52.2
64 48.3 30.2 70.2





#10
Phenol
Concen: 49.234 ng
RT: 6.522 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF140354.D
Acq: 14 Nov 2024 11:01

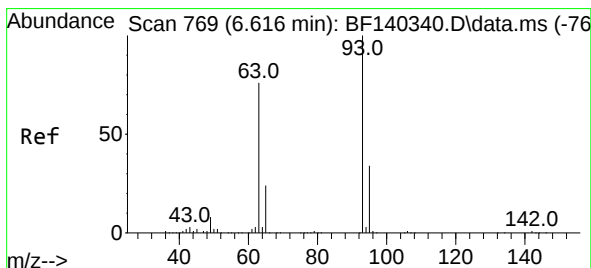
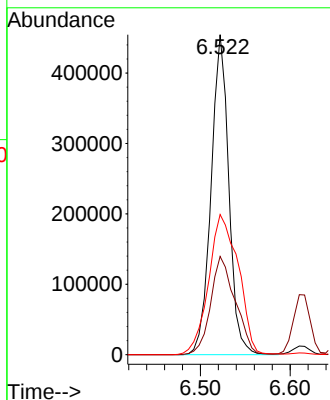
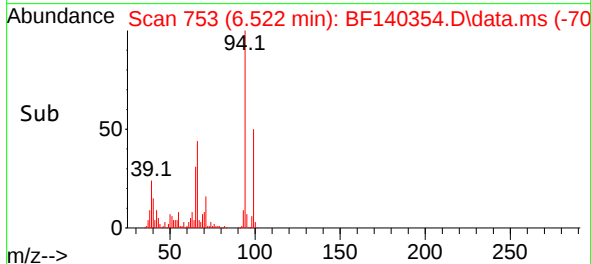
Instrument :
BNA_F
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Tgt Ion: 94 Resp: 624810
Ion Ratio Lower Upper
94 100
65 30.7 10.4 50.4
66 43.8 22.9 62.9

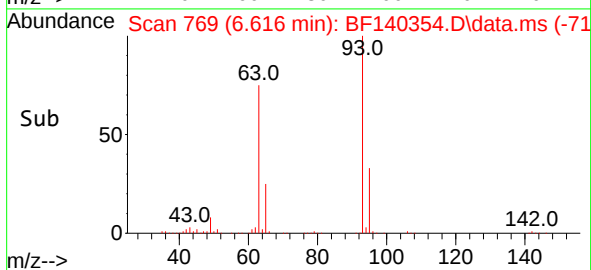
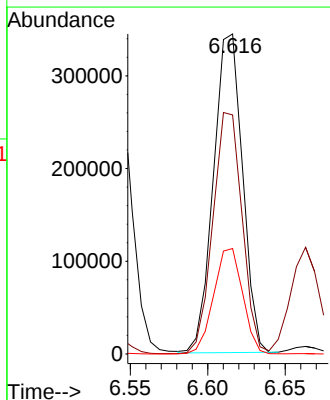
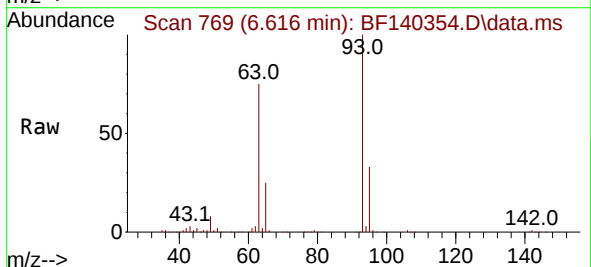
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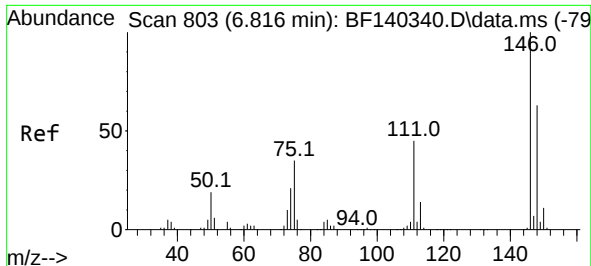
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#11
bis(2-Chloroethyl)ether
Concen: 46.698 ng
RT: 6.616 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF140354.D
Acq: 14 Nov 2024 11:01

Tgt Ion: 93 Resp: 449030
Ion Ratio Lower Upper
93 100
63 74.7 54.0 94.0
95 32.9 12.9 52.9





#12

1,3-Dichlorobenzene

Concen: 45.110 ng

RT: 6.822 min Scan# 803

Delta R.T. -0.000 min

Lab File: BF140354.D

Acq: 14 Nov 2024 11:01

Instrument :

BNA_F

ClientSampleId :

PB164911BSD

Tgt Ion:146 Resp: 47488

Ion Ratio Lower Upper

146 100

148 64.4 50.7 76.1

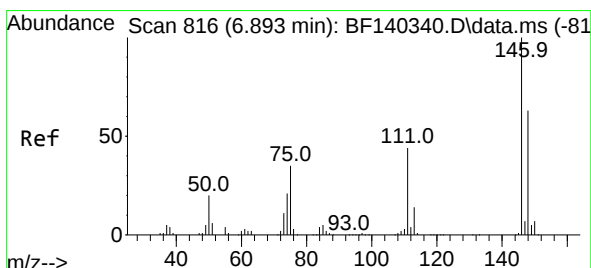
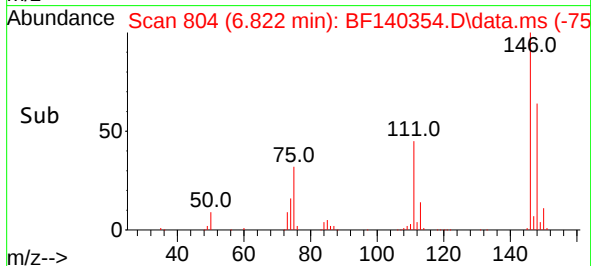
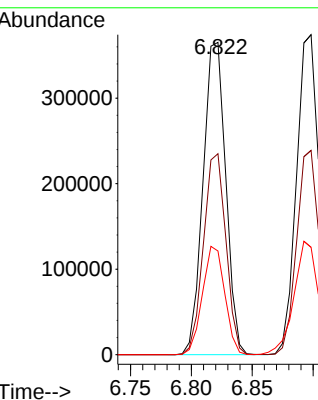
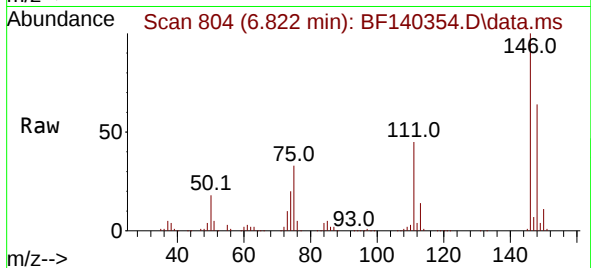
75 33.2 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/15/2024

Supervised By :mohammad ahmed 11/15/2024



#13

1,4-Dichlorobenzene

Concen: 44.939 ng

RT: 6.898 min Scan# 817

Delta R.T. -0.000 min

Lab File: BF140354.D

Acq: 14 Nov 2024 11:01

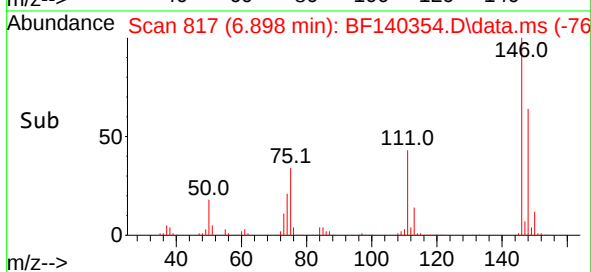
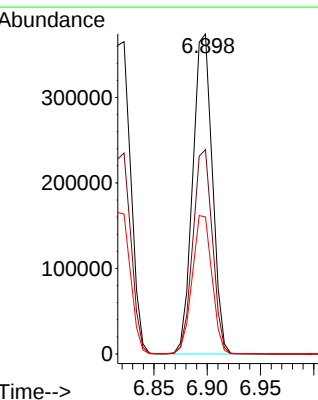
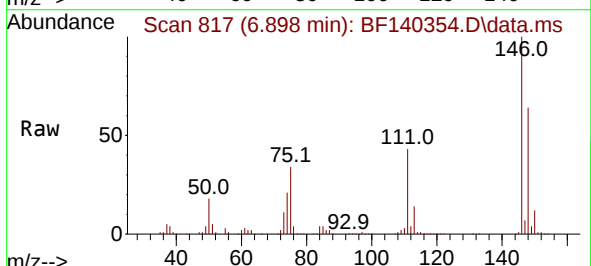
Tgt Ion:146 Resp: 479691

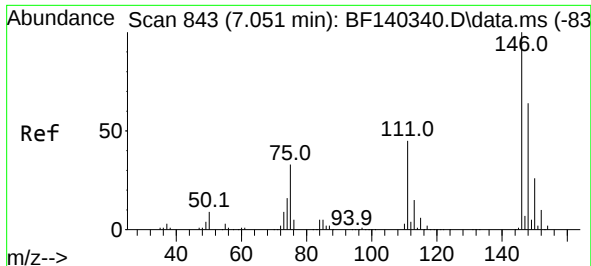
Ion Ratio Lower Upper

146 100

148 63.9 50.8 76.2

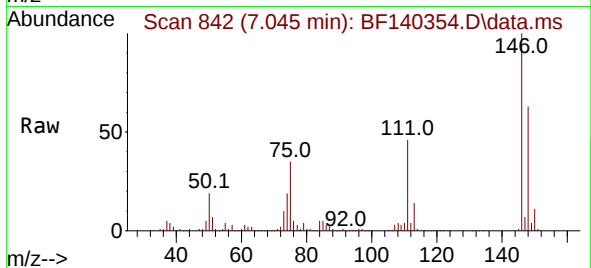
111 42.8 34.2 51.2





#14
1,2-Dichlorobenzene
Concen: 47.007 ng
RT: 7.045 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF140354.D
Acq: 14 Nov 2024 11:01

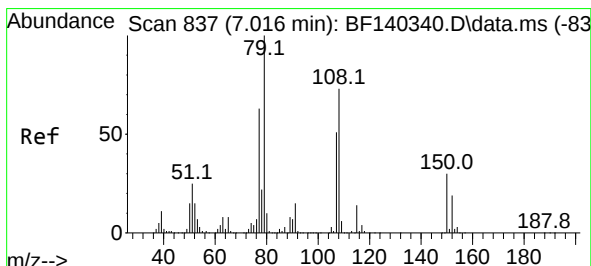
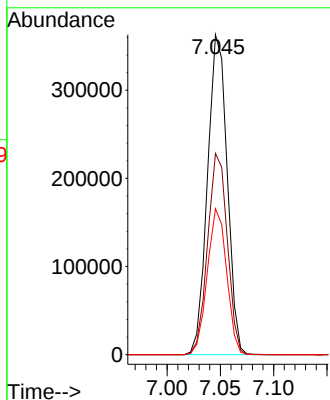
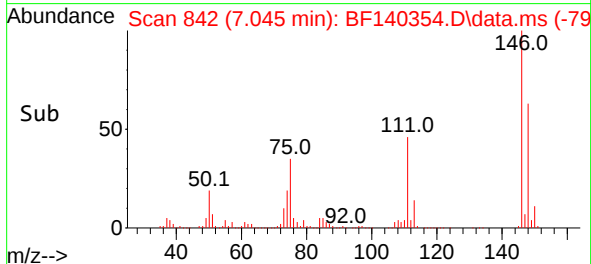
Instrument :
BNA_F
ClientSampleId :
PB164911BSD



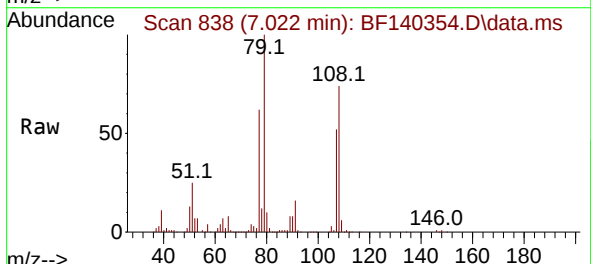
Tgt Ion:146 Resp: 465809
Ion Ratio Lower Upper
146 100
148 62.9 51.2 76.8
111 45.6 36.5 54.7

Manual Integrations
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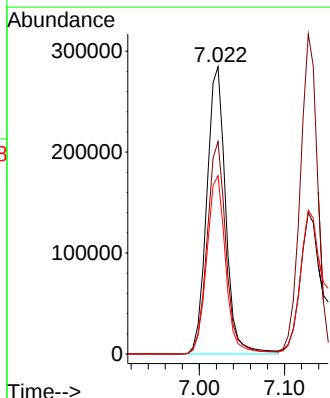
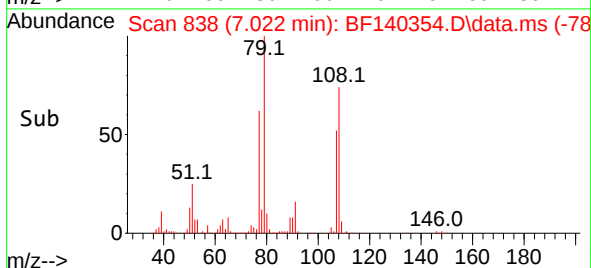
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024

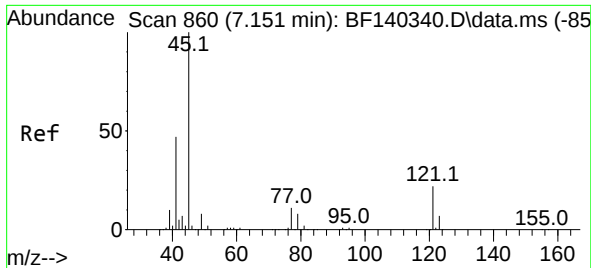


#15
Benzyl Alcohol
Concen: 50.685 ng
RT: 7.022 min Scan# 838
Delta R.T. 0.006 min
Lab File: BF140354.D
Acq: 14 Nov 2024 11:01



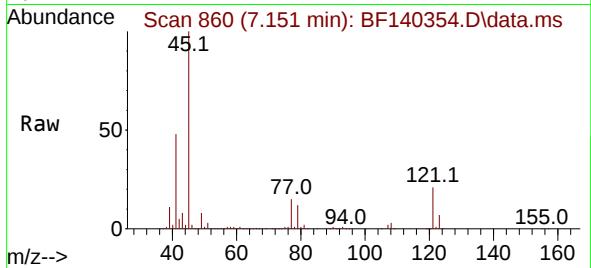
Tgt Ion: 79 Resp: 439444
Ion Ratio Lower Upper
79 100
108 73.9 57.8 86.6
77 62.0 49.8 74.6





#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.139 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF140354.D
Acq: 14 Nov 2024 11:01

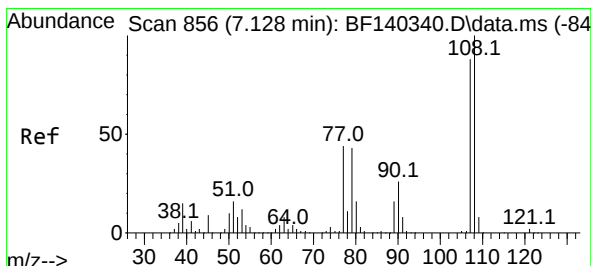
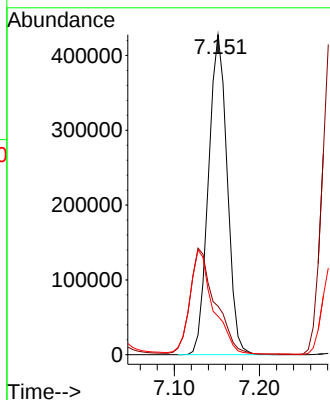
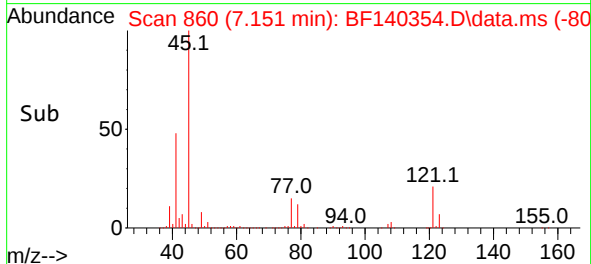
Instrument :
BNA_F
ClientSampleId :
PB164911BSD



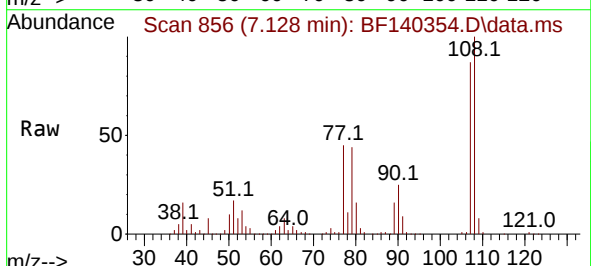
Tgt Ion: 45 Resp: 652660
Ion Ratio Lower Upper
45 100
77 15.2 0.0 34.8
79 12.0 0.0 31.4

Manual Integrations
APPROVED

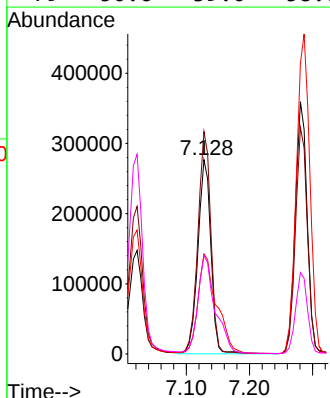
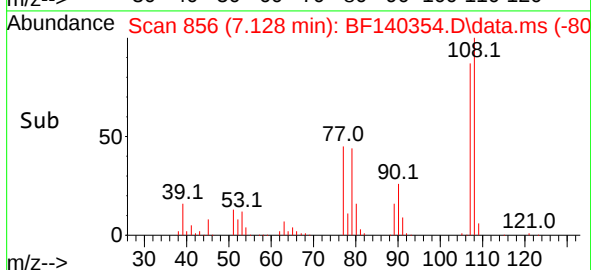
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024

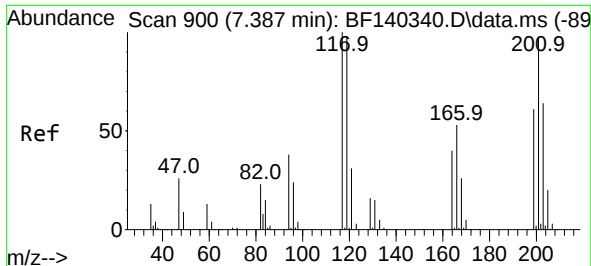


#17
2-Methylphenol
Concen: 50.448 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.000 min
Lab File: BF140354.D
Acq: 14 Nov 2024 11:01



Tgt Ion:107 Resp: 395954
Ion Ratio Lower Upper
107 100
108 114.5 91.9 137.9
77 51.4 39.7 59.5
79 50.6 39.0 58.6





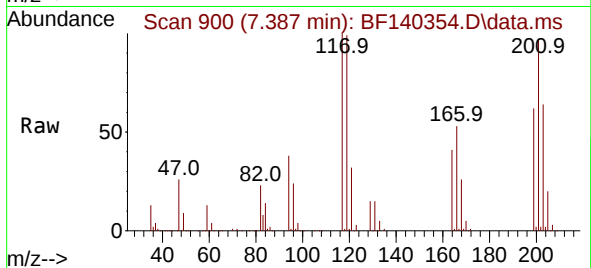
#18
Hexachloroethane
Concen: 44.919 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF140354.D
Acq: 14 Nov 2024 11:01

Instrument :

BNA_F

ClientSampleId :

PB164911BSD

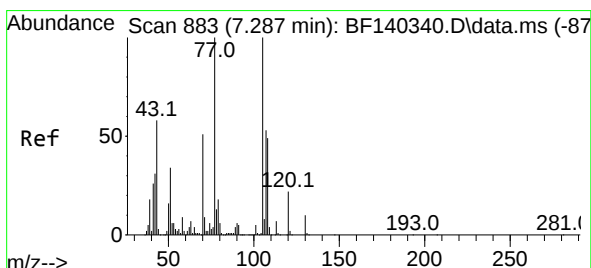
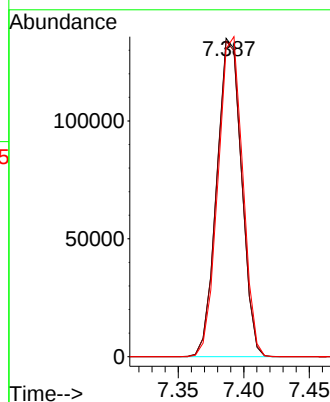
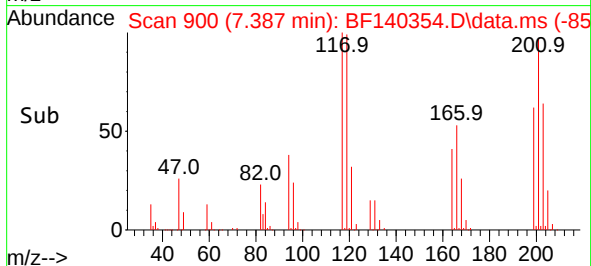


Tgt Ion:117 Resp: 17725
Ion Ratio Lower Upper
117 100
119 99.1 76.9 115.3
201 96.8 80.2 120.4

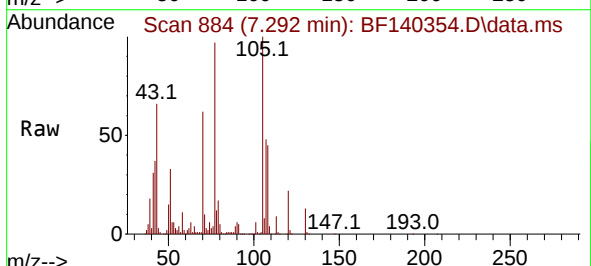
Manual Integrations

APPROVED

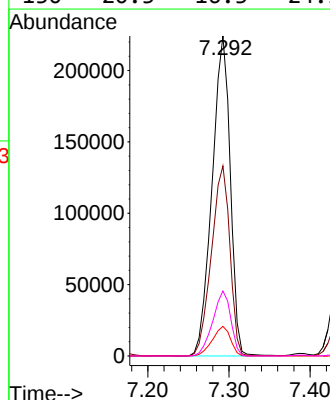
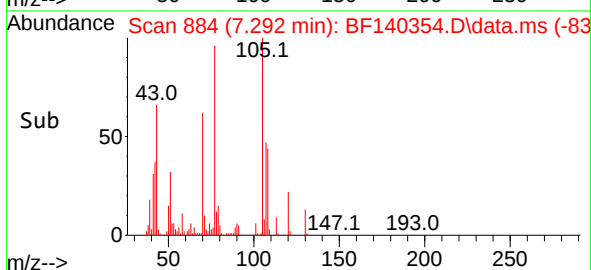
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024

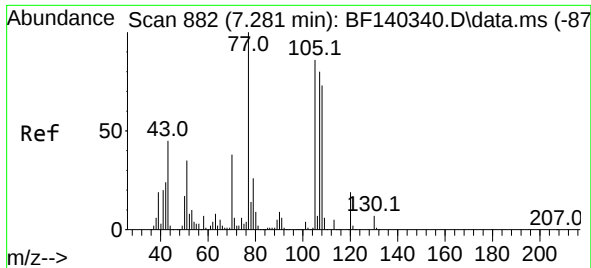


#19
n-Nitroso-di-n-propylamine
Concen: 47.959 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF140354.D
Acq: 14 Nov 2024 11:01



Tgt Ion: 70 Resp: 348561
Ion Ratio Lower Upper
70 100
42 59.4 46.8 70.2
101 9.2 7.5 11.3
130 20.3 16.3 24.5





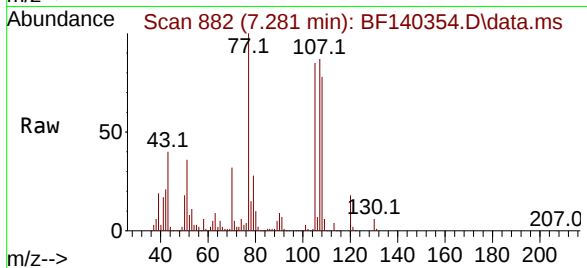
#20
3+4-Methylphenols
Concen: 48.099 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.000 min
Lab File: BF140354.D
Acq: 14 Nov 2024 11:01

Instrument :

BNA_F

ClientSampleId :

PB164911BSD



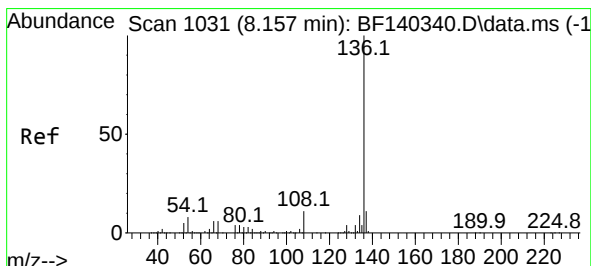
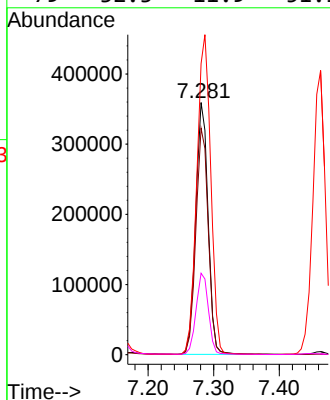
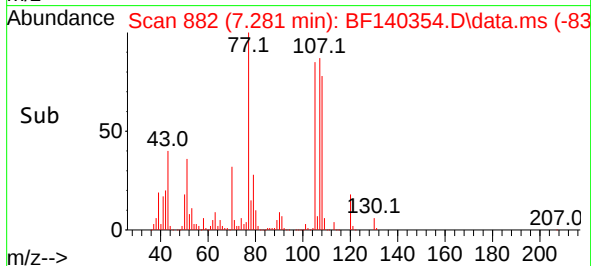
Tgt Ion:107 Resp: 47212
Ion Ratio Lower Upper
107 100
108 89.8 71.4 111.4
77 115.4 97.0 137.0
79 32.3 11.9 51.9

Manual Integrations

APPROVED

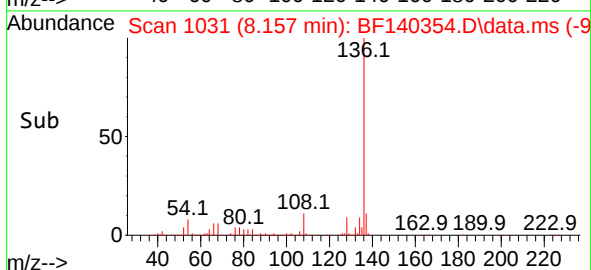
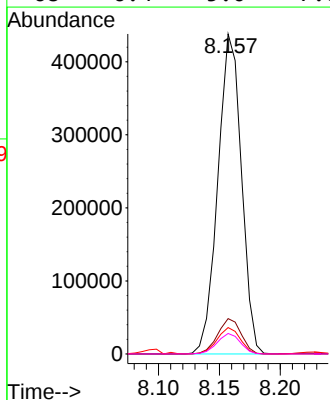
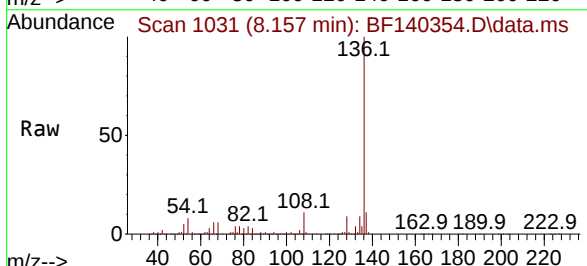
Reviewed By :Yogesh Patel 11/15/2024

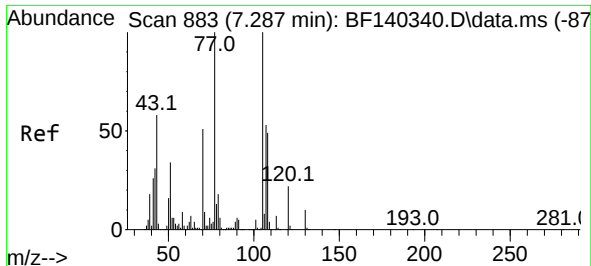
Supervised By :mohammad ahmed 11/15/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF140354.D
Acq: 14 Nov 2024 11:01

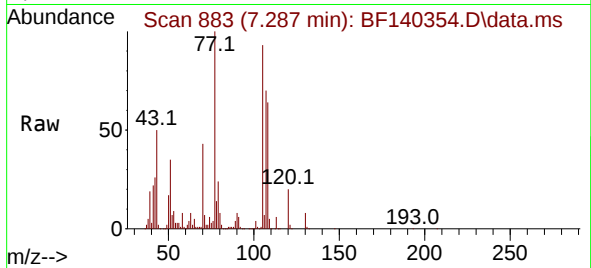
Tgt Ion:136 Resp: 590383
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 8.3 6.5 9.7
68 6.4 5.0 7.6





#22
Acetophenone
Concen: 45.985 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF140354.D
Acq: 14 Nov 2024 11:01

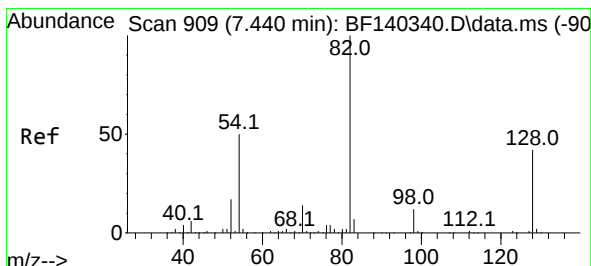
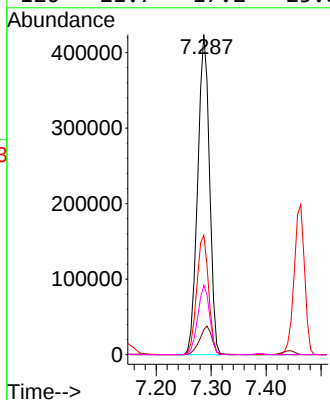
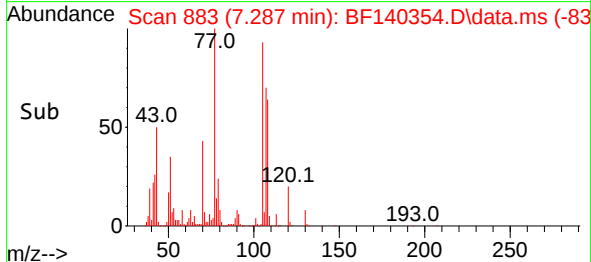
Instrument :
BNA_F
ClientSampleId :
PB164911BSD



Tgt Ion: 105 Resp: 631429
Ion Ratio Lower Upper
105 100
71 7.8 6.9 10.3
51 37.3 28.6 43.0
120 21.7 17.2 25.8

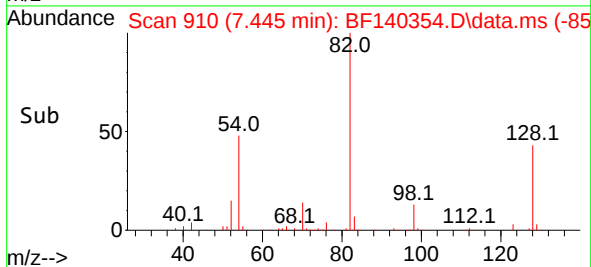
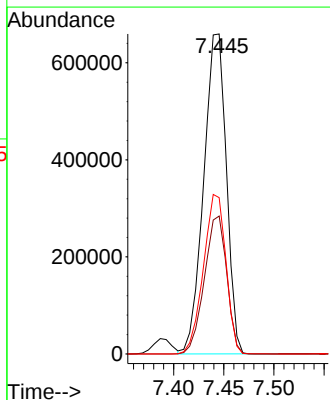
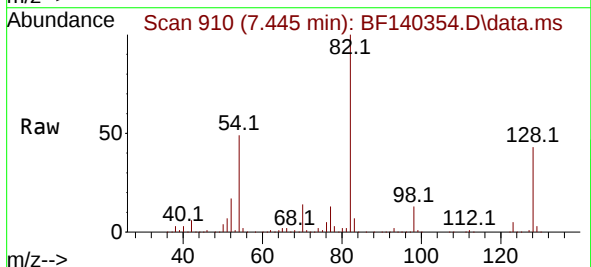
Manual Integrations
APPROVED

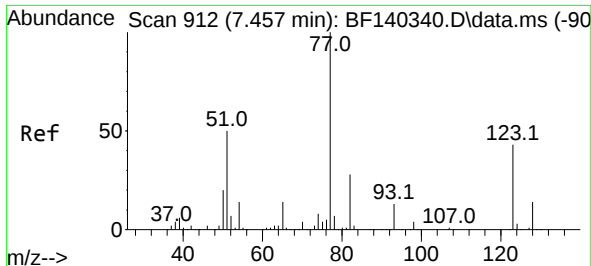
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#23
Nitrobenzene-d5
Concen: 91.647 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.006 min
Lab File: BF140354.D
Acq: 14 Nov 2024 11:01

Tgt Ion: 82 Resp: 1038462
Ion Ratio Lower Upper
82 100
128 43.1 33.3 49.9
54 48.9 39.8 59.8





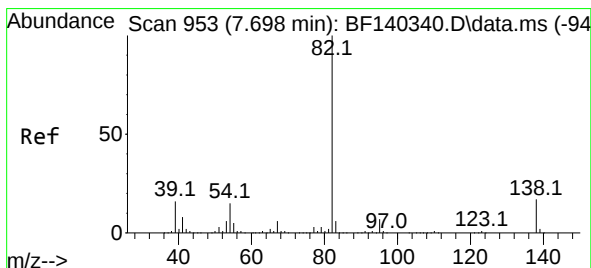
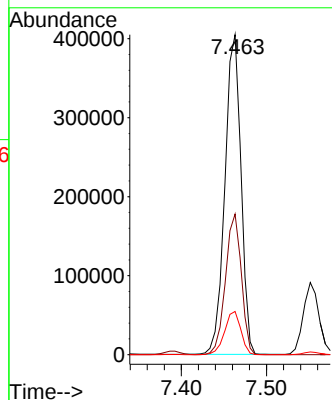
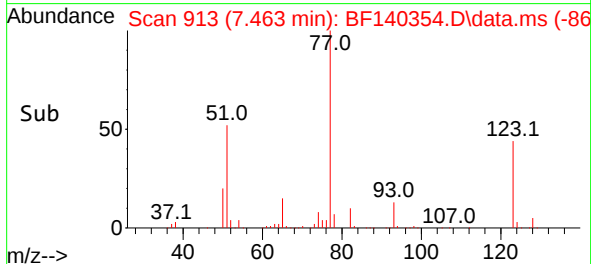
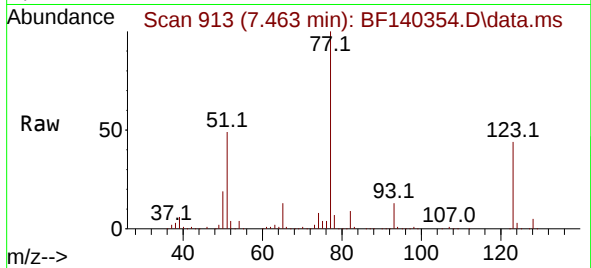
#24
Nitrobenzene
Concen: 45.027 ng
RT: 7.463 min Scan# 912
Delta R.T. -0.000 min
Lab File: BF140354.D
Acq: 14 Nov 2024 11:01

Instrument :
BNA_F
ClientSampleId :
PB164911BSD

Tgt Ion: 77 Resp: 531212
Ion Ratio Lower Upper
77 100
123 44.0 35.4 53.0
65 13.5 11.1 16.7

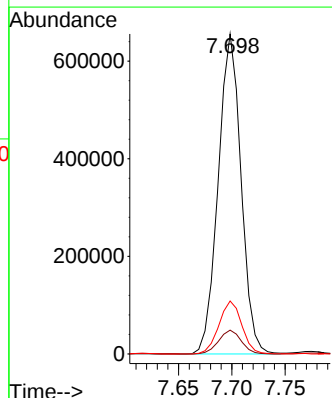
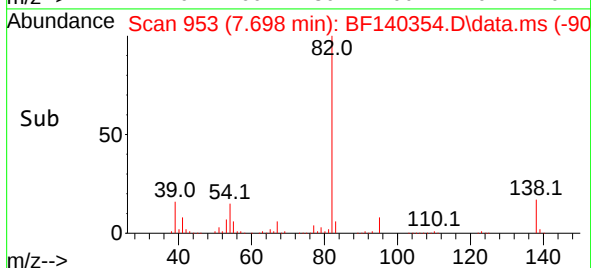
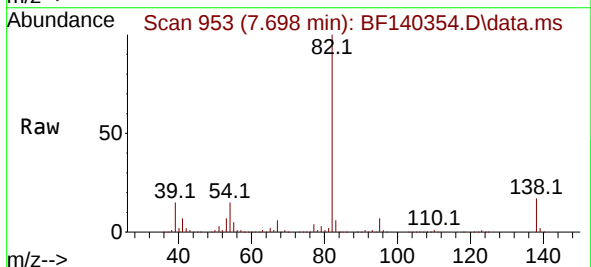
Manual Integrations
APPROVED

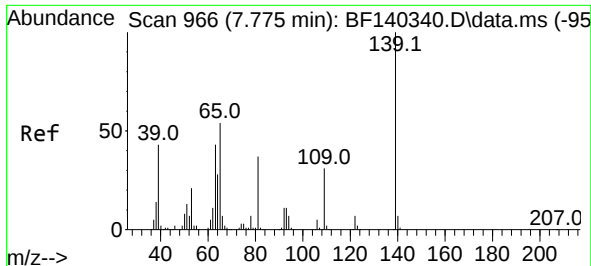
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#25
Isophorone
Concen: 48.565 ng
RT: 7.698 min Scan# 953
Delta R.T. -0.000 min
Lab File: BF140354.D
Acq: 14 Nov 2024 11:01

Tgt Ion: 82 Resp: 975290
Ion Ratio Lower Upper
82 100
95 7.5 5.9 8.9
138 16.6 13.4 20.2





#26
2-Nitrophenol
Concen: 48.297 ng
RT: 7.775 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF140354.D
Acq: 14 Nov 2024 11:01

Instrument :

BNA_F

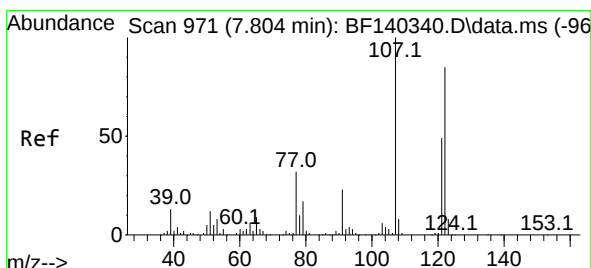
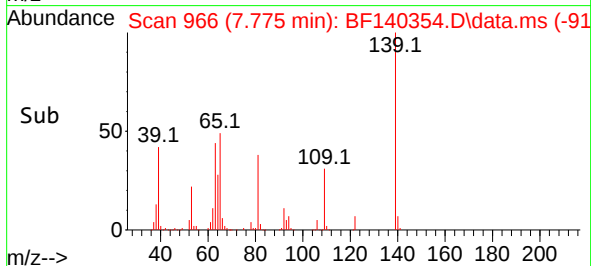
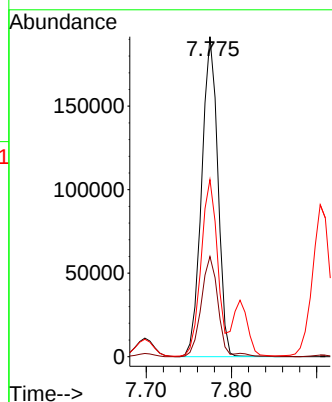
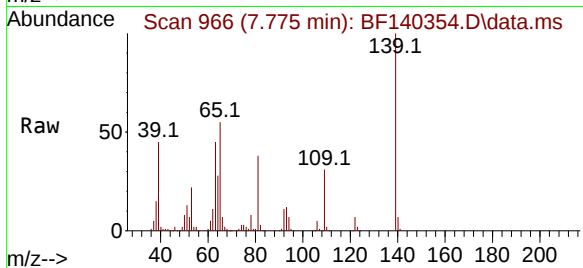
ClientSampleId :

PB164911BSD

Tgt Ion:139 Resp: 252849
Ion Ratio Lower Upper
139 100
109 31.3 24.4 36.6
65 55.3 42.8 64.2

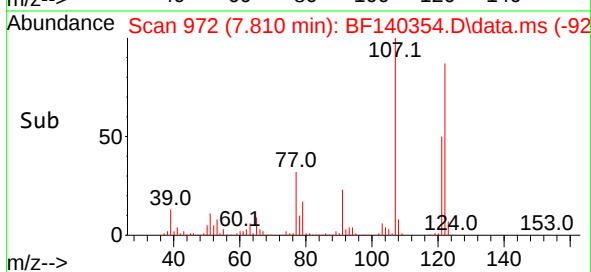
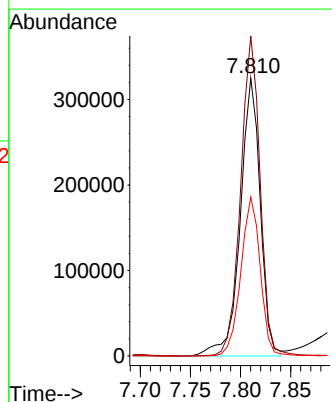
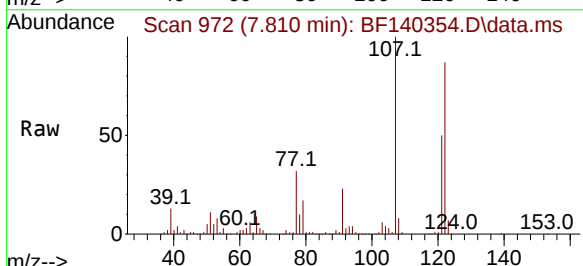
Manual Integrations
APPROVED

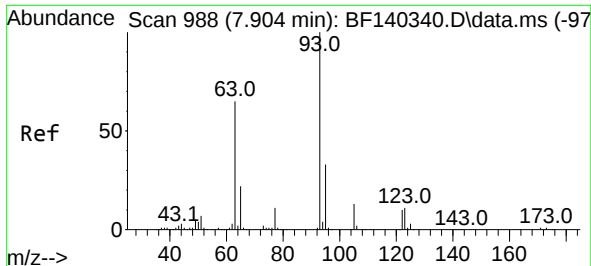
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#27
2,4-Dimethylphenol
Concen: 67.323 ng
RT: 7.810 min Scan# 972
Delta R.T. -0.000 min
Lab File: BF140354.D
Acq: 14 Nov 2024 11:01

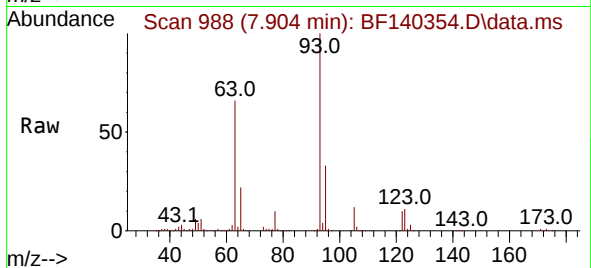
Tgt Ion:122 Resp: 451235
Ion Ratio Lower Upper
122 100
107 115.2 91.3 136.9
121 57.2 45.5 68.3





#28
bis(2-Chloroethoxy)methane
Concen: 47.610 ng
RT: 7.904 min Scan# 988
Delta R.T. -0.000 min
Lab File: BF140354.D
Acq: 14 Nov 2024 11:01

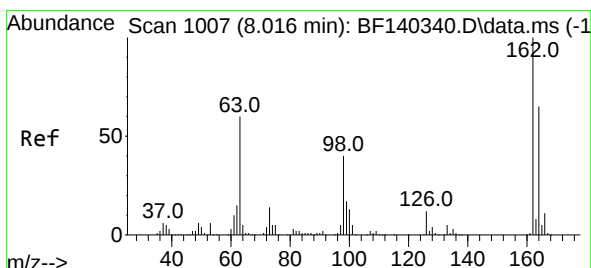
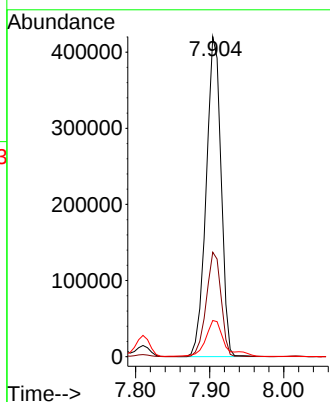
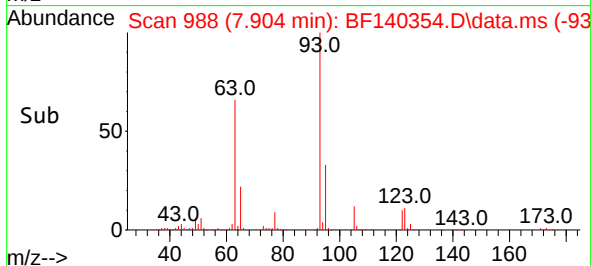
Instrument :
BNA_F
ClientSampleId :
PB164911BSD



Tgt Ion: 93 Resp: 58626
Ion Ratio Lower Upper
93 100
95 32.7 25.9 38.9
123 11.3 9.2 13.8

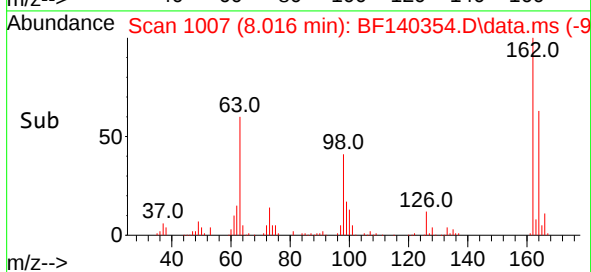
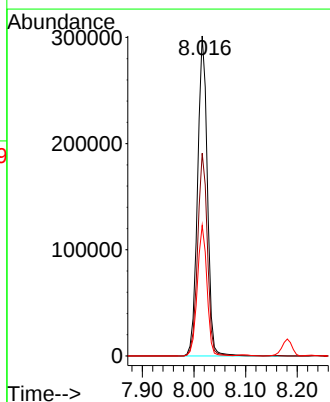
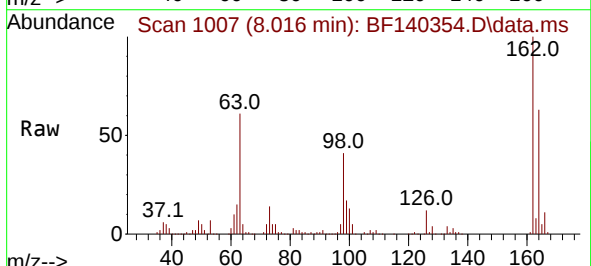
Manual Integrations
APPROVED

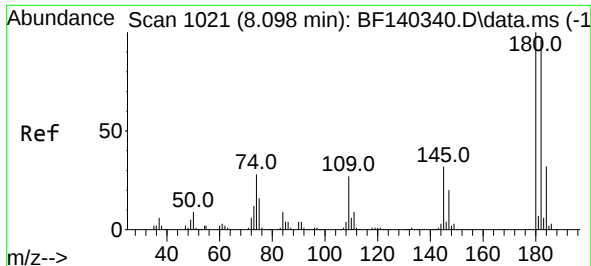
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#29
2,4-Dichlorophenol
Concen: 47.827 ng
RT: 8.016 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BF140354.D
Acq: 14 Nov 2024 11:01

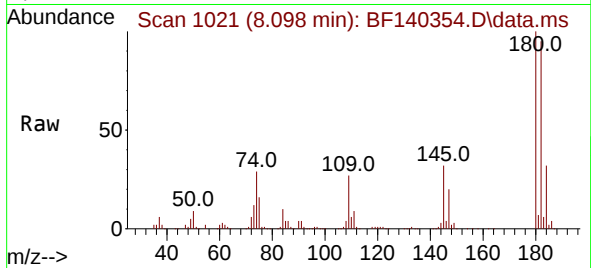
Tgt Ion:162 Resp: 396175
Ion Ratio Lower Upper
162 100
164 63.3 45.4 85.4
98 40.8 19.9 59.9





#30
1,2,4-Trichlorobenzene
Concen: 45.256 ng
RT: 8.098 min Scan# 1021
Delta R.T. -0.000 min
Lab File: BF140354.D
Acq: 14 Nov 2024 11:01

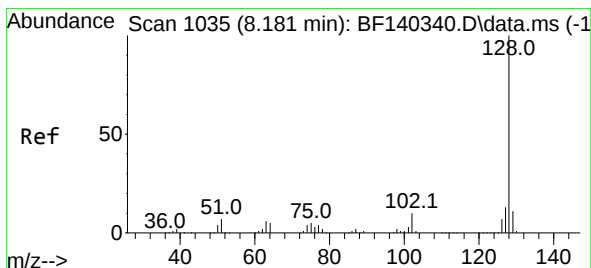
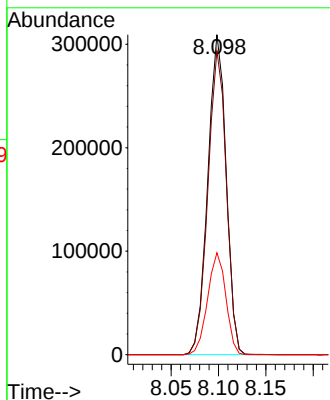
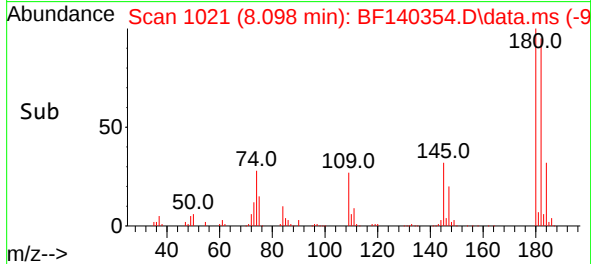
Instrument :
BNA_F
ClientSampleId :
PB164911BSD



Tgt Ion:180 Resp: 41736
Ion Ratio Lower Upper
180 100
182 95.0 76.5 114.7
145 31.8 25.3 37.9

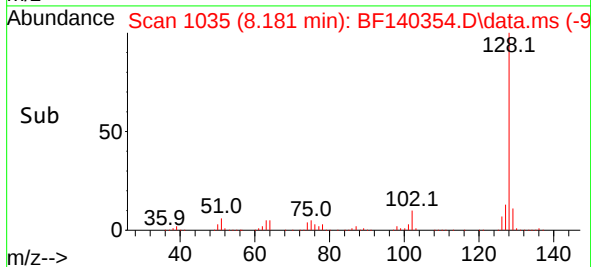
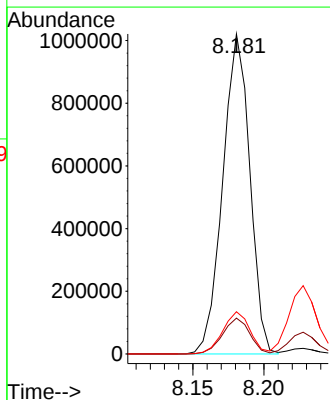
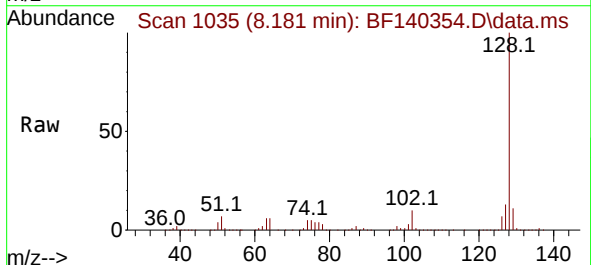
Manual Integrations
APPROVED

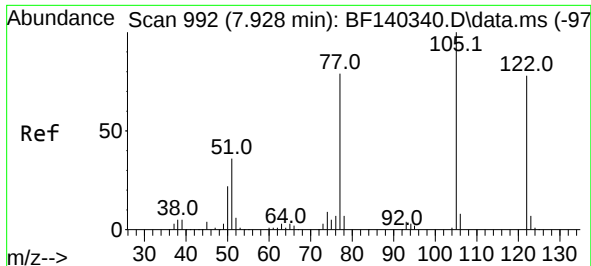
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#31
Naphthalene
Concen: 45.225 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF140354.D
Acq: 14 Nov 2024 11:01

Tgt Ion:128 Resp: 1354453
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.2 10.6 15.8





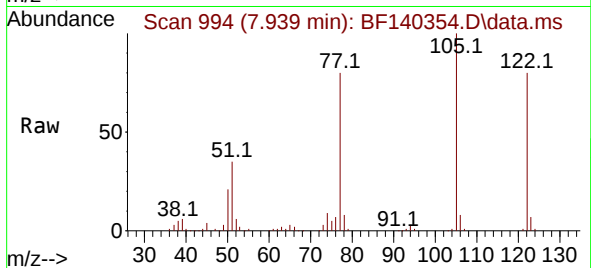
#32
Benzoic acid
Concen: 46.125 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.012 min
Lab File: BF140354.D
Acq: 14 Nov 2024 11:01

Instrument :

BNA_F

ClientSampleId :

PB164911BSD

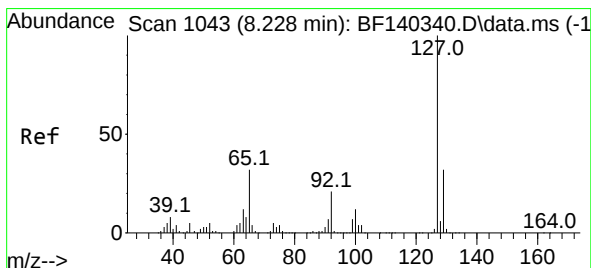
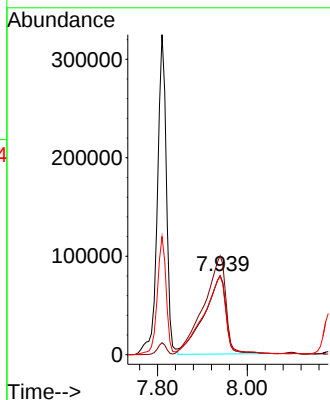
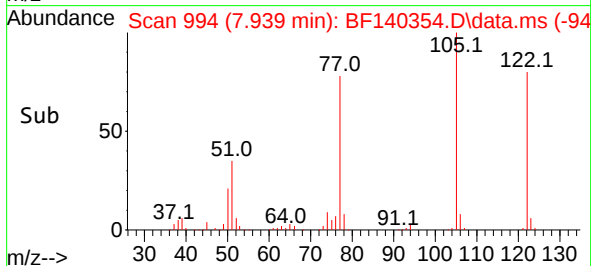


Tgt Ion:122 Resp: 27203
Ion Ratio Lower Upper
122 100
105 125.0 100.9 140.9
77 99.5 76.0 116.0

Manual Integrations

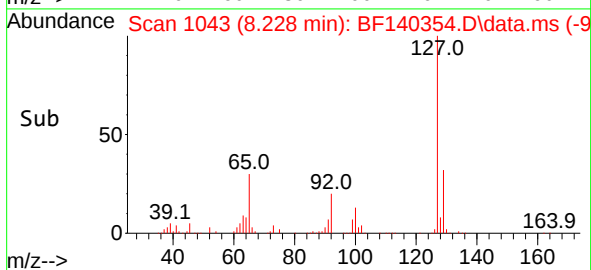
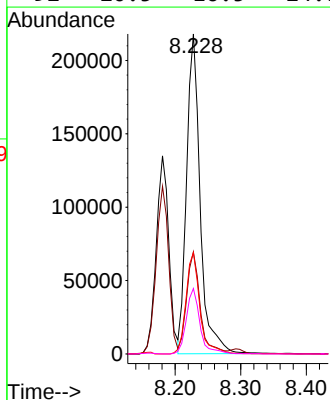
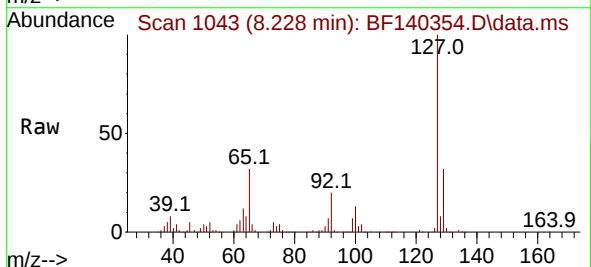
APPROVED

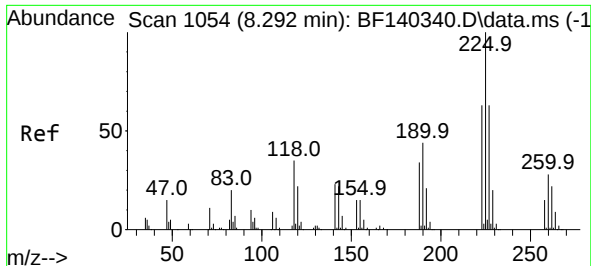
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#33
4-Chloroaniline
Concen: 30.083 ng
RT: 8.228 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BF140354.D
Acq: 14 Nov 2024 11:01

Tgt Ion:127 Resp: 313329
Ion Ratio Lower Upper
127 100
129 31.9 26.2 39.4
65 31.7 25.8 38.6
92 20.5 16.5 24.7





#34
Hexachlorobutadiene
Concen: 43.669 ng
RT: 8.292 min Scan# 1054
Delta R.T. -0.006 min
Lab File: BF140354.D
Acq: 14 Nov 2024 11:01

Instrument :

BNA_F

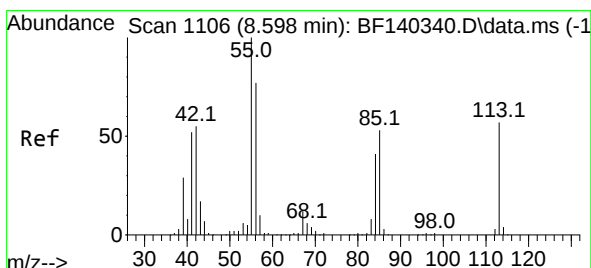
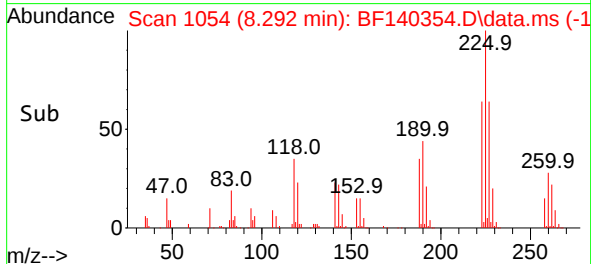
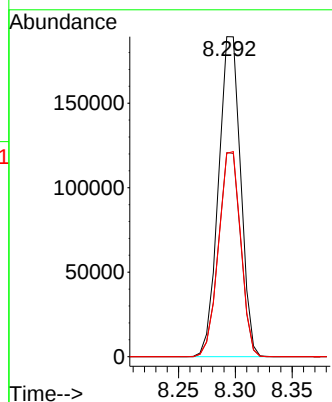
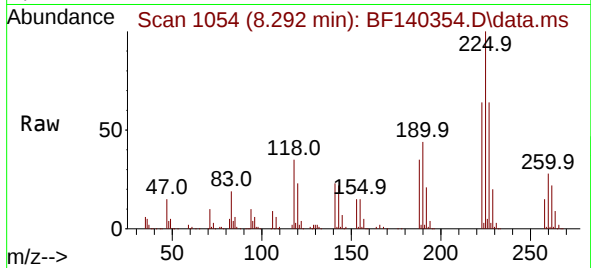
ClientSampleId :

PB164911BSD

Tgt Ion:225 Resp: 256598
Ion Ratio Lower Upper
225 100
223 63.7 50.1 75.1
227 63.6 51.3 76.9

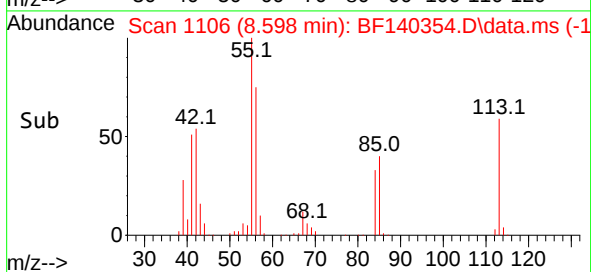
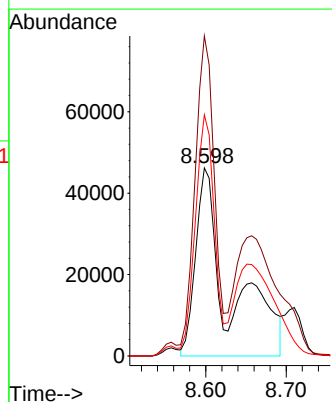
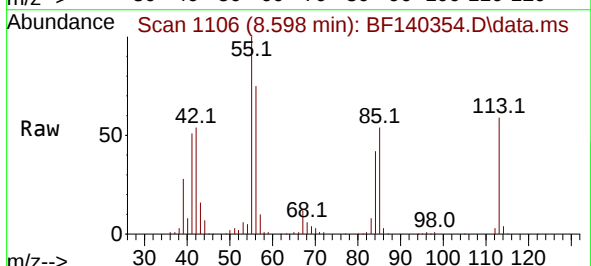
Manual Integrations
APPROVED

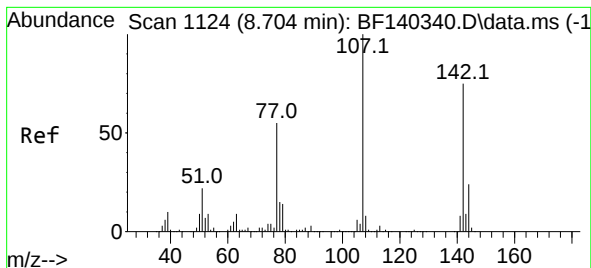
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#35
Caprolactam
Concen: 47.944 ng m
RT: 8.598 min Scan# 1106
Delta R.T. -0.000 min
Lab File: BF140354.D
Acq: 14 Nov 2024 11:01

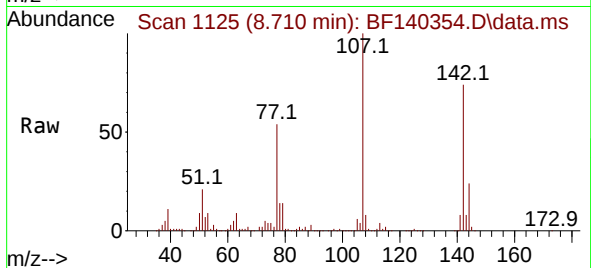
Tgt Ion:113 Resp: 131997
Ion Ratio Lower Upper
113 100
55 170.2 150.0 190.0
56 128.3 111.1 151.1





#36
4-Chloro-3-methylphenol
Concen: 48.752 ng
RT: 8.710 min Scan# 1125
Delta R.T. 0.006 min
Lab File: BF140354.D
Acq: 14 Nov 2024 11:01

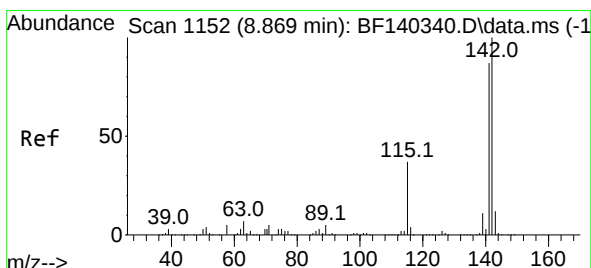
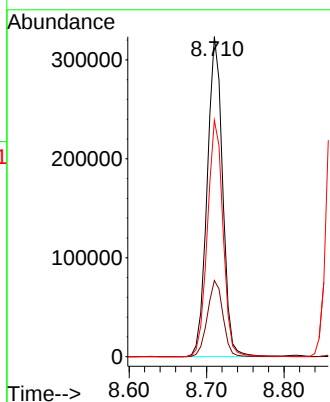
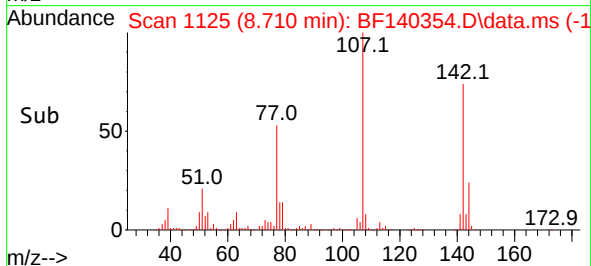
Instrument :
BNA_F
ClientSampleId :
PB164911BSD



Tgt Ion:107 Resp: 447532
Ion Ratio Lower Upper
107 100
144 23.8 19.3 28.9
142 73.9 59.4 89.0

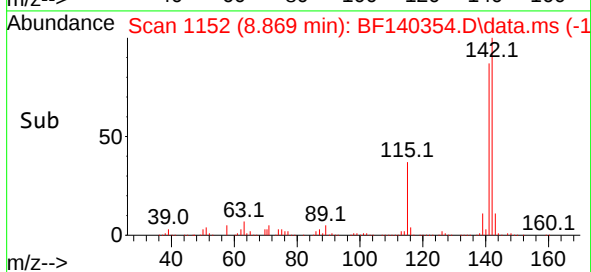
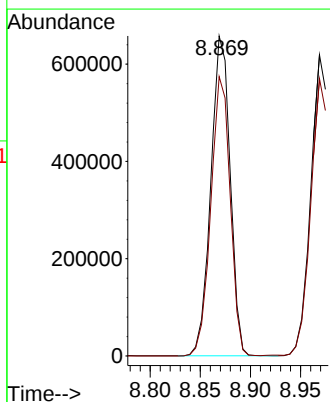
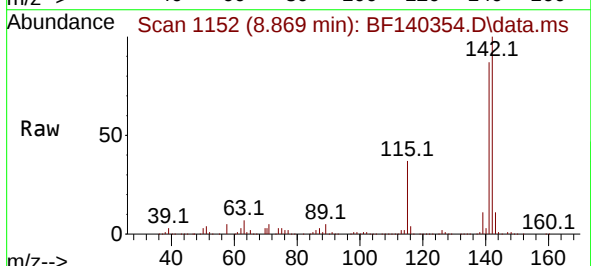
Manual Integrations
APPROVED

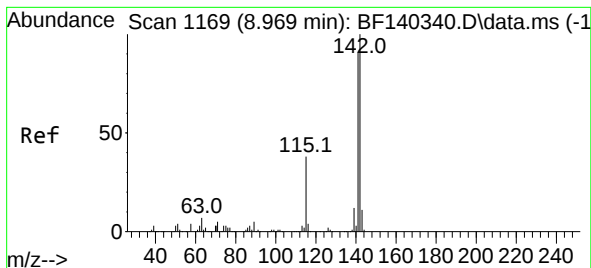
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#37
2-Methylnaphthalene
Concen: 45.999 ng
RT: 8.869 min Scan# 1152
Delta R.T. -0.000 min
Lab File: BF140354.D
Acq: 14 Nov 2024 11:01

Tgt Ion:142 Resp: 883352
Ion Ratio Lower Upper
142 100
141 87.3 70.4 105.6





#38

1-Methylnaphthalene

Concen: 43.447 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.000 min

Lab File: BF140354.D

Acq: 14 Nov 2024 11:01

Instrument :

BNA_F

ClientSampleId :

PB164911BSD

Tgt Ion:142 Resp: 81703

Ion Ratio Lower Upper

142 100

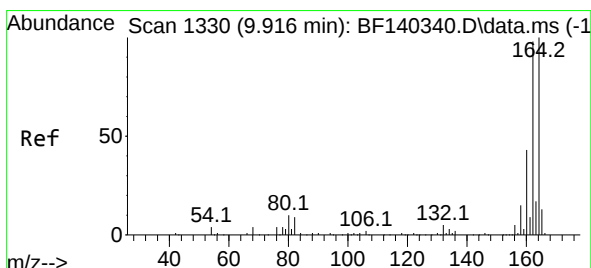
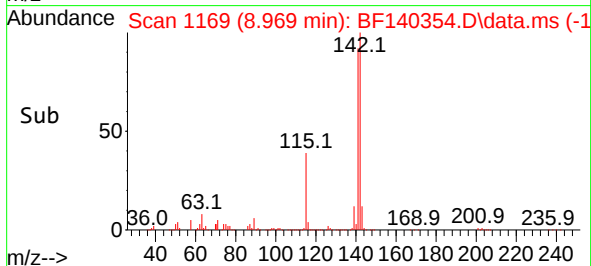
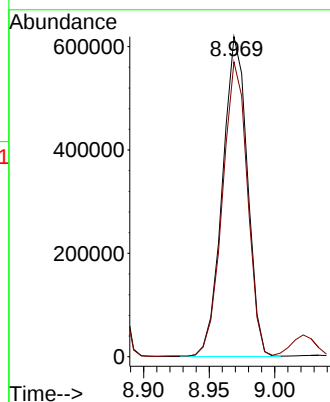
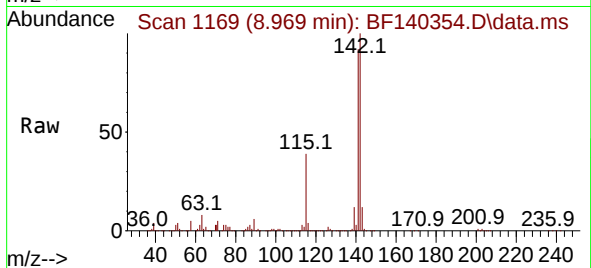
141 92.1 73.6 110.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/15/2024

Supervised By :mohammad ahmed 11/15/2024



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1330

Delta R.T. -0.000 min

Lab File: BF140354.D

Acq: 14 Nov 2024 11:01

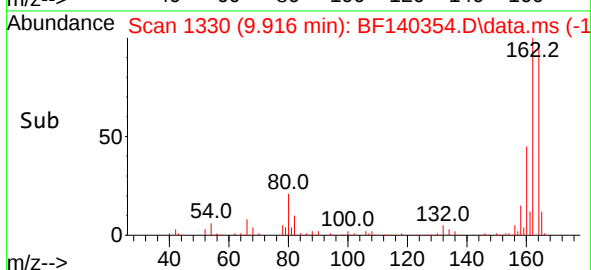
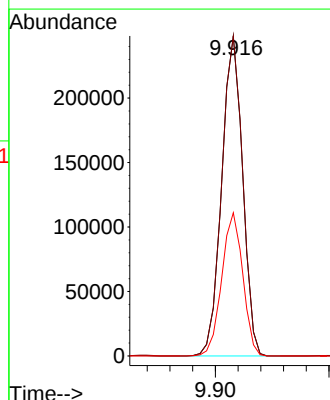
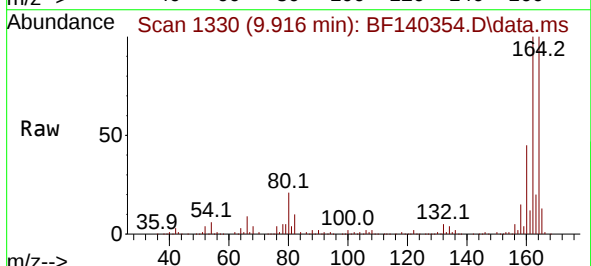
Tgt Ion:164 Resp: 317102

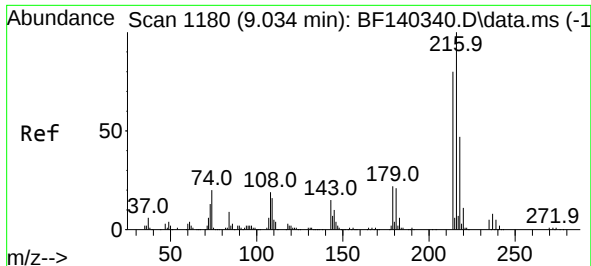
Ion Ratio Lower Upper

164 100

162 100.1 79.8 119.8

160 44.8 35.4 53.0





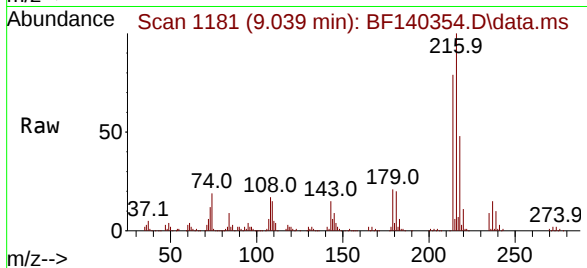
#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.726 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.006 min
Lab File: BF140354.D
Acq: 14 Nov 2024 11:01

Instrument :

BNA_F

ClientSampleId :

PB164911BSD



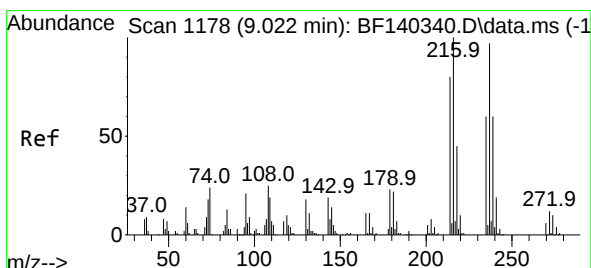
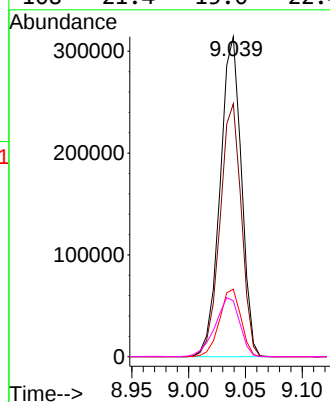
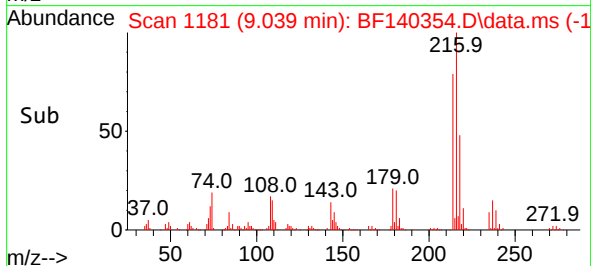
Tgt Ion:216 Resp: 409732
Ion Ratio Lower Upper
216 100
214 79.0 63.2 94.8
179 21.3 17.2 25.8
108 21.4 15.0 22.4

Manual Integrations

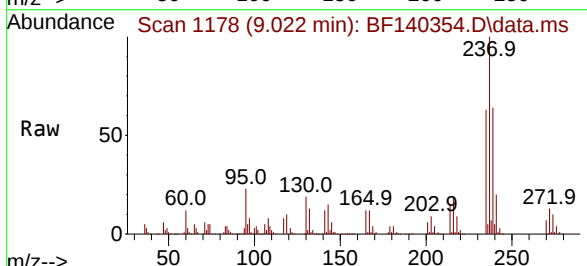
APPROVED

Reviewed By :Yogesh Patel 11/15/2024

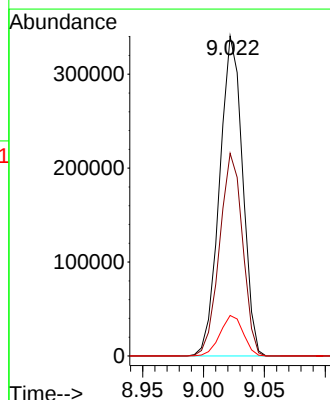
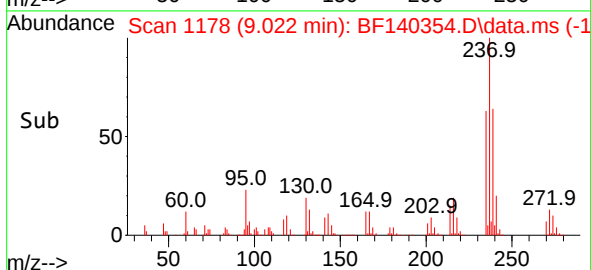
Supervised By :mohammad ahmed 11/15/2024

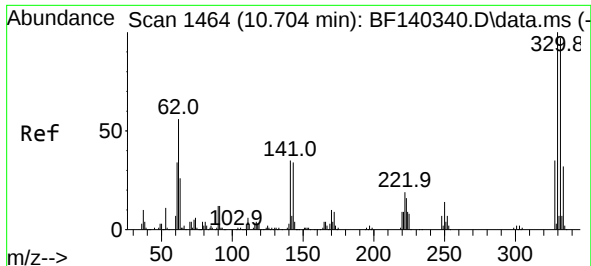


#41
Hexachlorocyclopentadiene
Concen: 199.304 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF140354.D
Acq: 14 Nov 2024 11:01



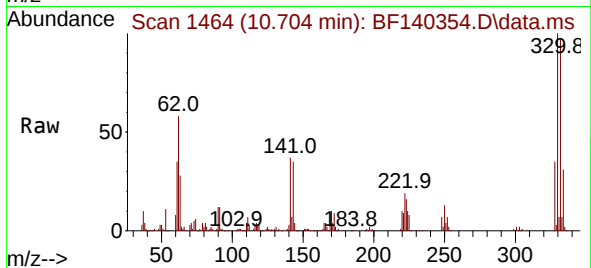
Tgt Ion:237 Resp: 448721
Ion Ratio Lower Upper
237 100
235 63.3 42.8 82.8
272 12.6 0.0 33.1





#42
2,4,6-Tribromophenol
Concen: 98.421 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140354.D
Acq: 14 Nov 2024 11:01

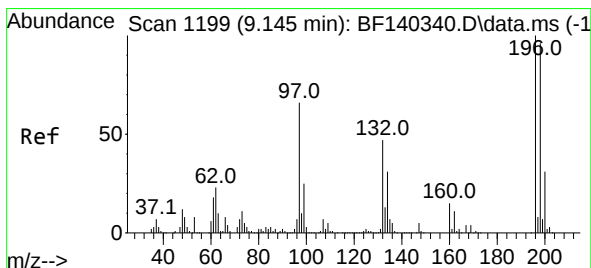
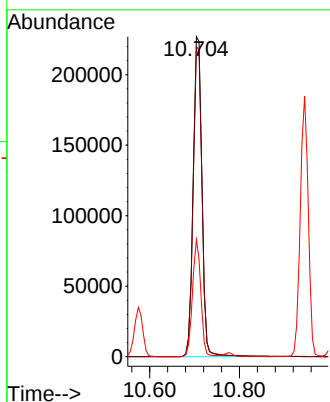
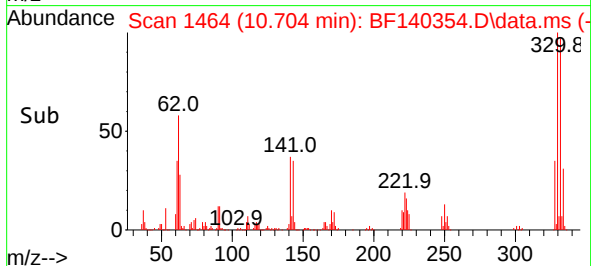
Instrument :
BNA_F
ClientSampleId :
PB164911BSD



Tgt Ion:330 Resp: 310354
Ion Ratio Lower Upper
330 100
332 96.9 75.9 113.9
141 34.7 26.9 40.3

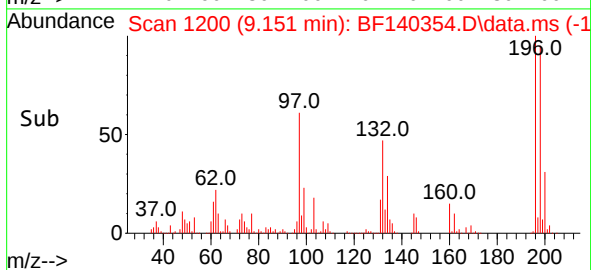
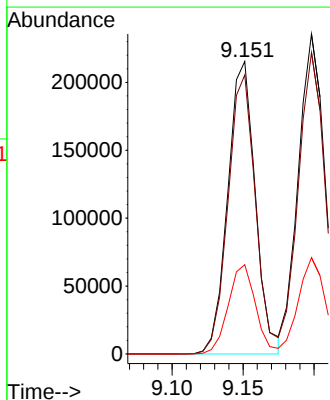
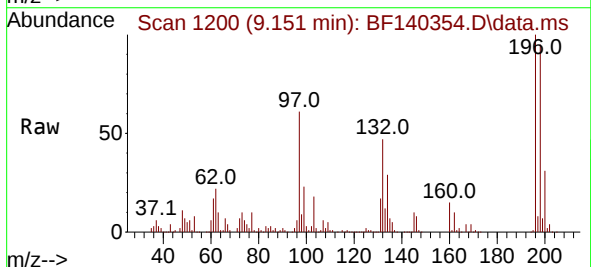
Manual Integrations
APPROVED

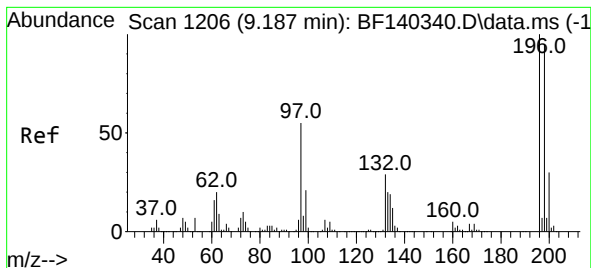
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#43
2,4,6-Trichlorophenol
Concen: 50.515 ng
RT: 9.151 min Scan# 1200
Delta R.T. 0.006 min
Lab File: BF140354.D
Acq: 14 Nov 2024 11:01

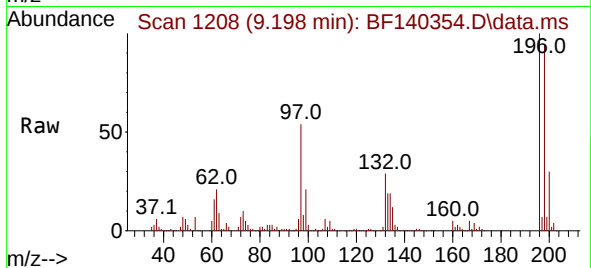
Tgt Ion:196 Resp: 290702
Ion Ratio Lower Upper
196 100
198 95.4 77.0 115.4
200 30.5 24.2 36.4





#44
2,4,5-Trichlorophenol
Concen: 49.043 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.012 min
Lab File: BF140354.D
Acq: 14 Nov 2024 11:01

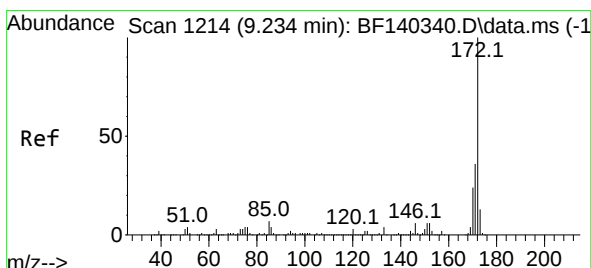
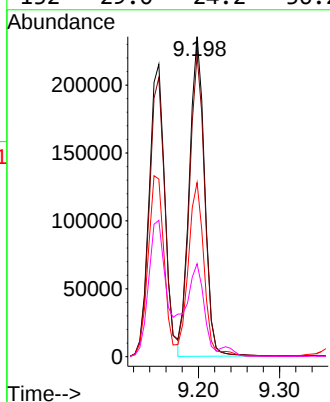
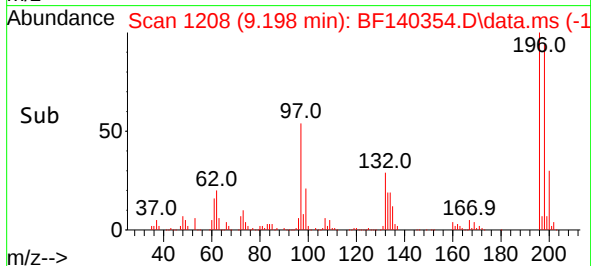
Instrument :
BNA_F
ClientSampleId :
PB164911BSD



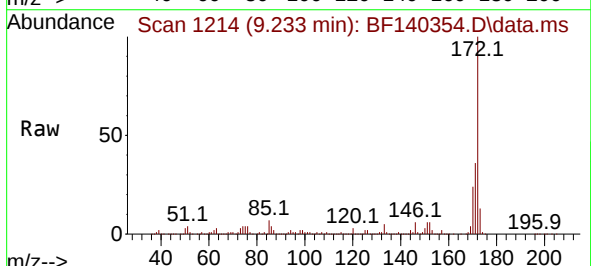
Tgt Ion:196 Resp: 308570
Ion Ratio Lower Upper
196 100
198 94.2 77.6 116.4
97 54.4 45.4 68.2
132 29.0 24.2 36.2

Manual Integrations
APPROVED

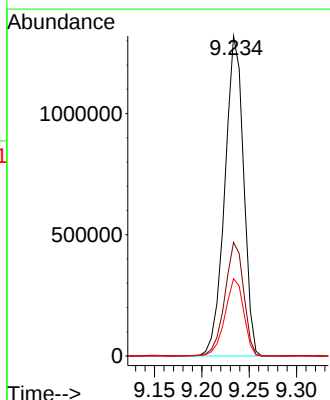
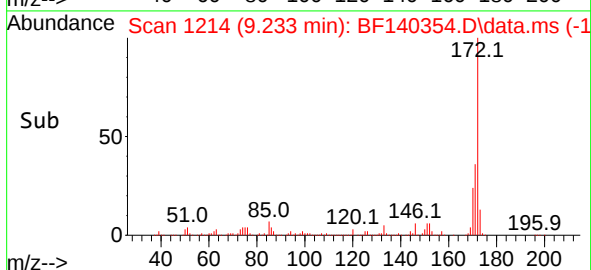
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024

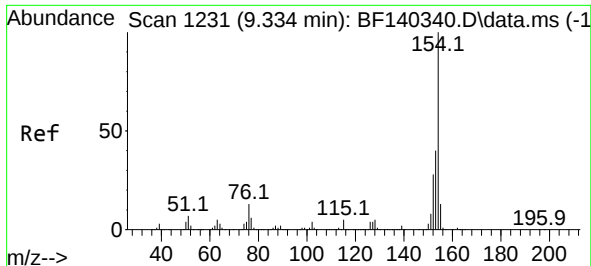


#45
2-Fluorobiphenyl
Concen: 92.306 ng
RT: 9.233 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF140354.D
Acq: 14 Nov 2024 11:01



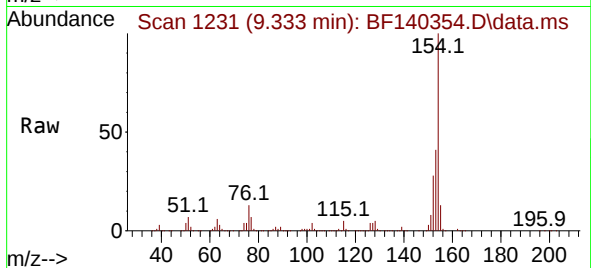
Tgt Ion:172 Resp: 1820812
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 24.2 19.1 28.7





#46
1,1'-Biphenyl
Concen: 47.353 ng
RT: 9.333 min Scan# 1231
Delta R.T. -0.000 min
Lab File: BF140354.D
Acq: 14 Nov 2024 11:01

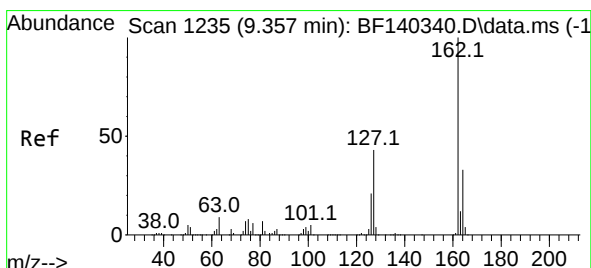
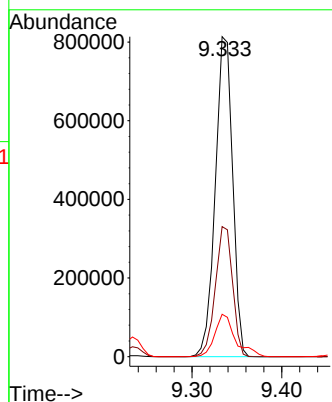
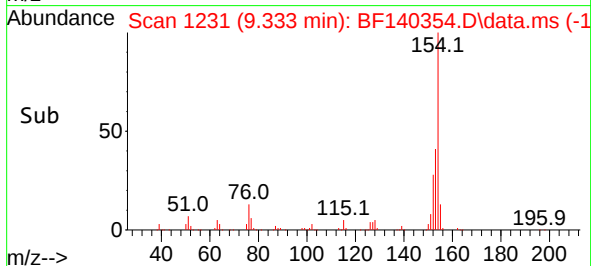
Instrument :
BNA_F
ClientSampleId :
PB164911BSD



Tgt Ion:154 Resp: 1092380
Ion Ratio Lower Upper
154 100
153 40.7 20.4 60.4
76 13.2 0.0 32.9

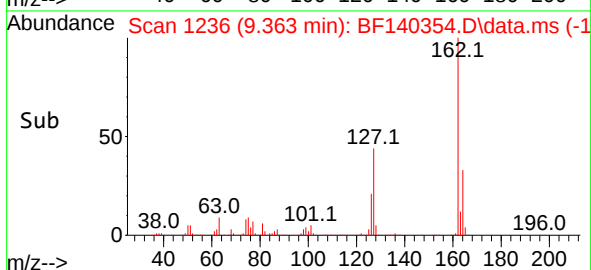
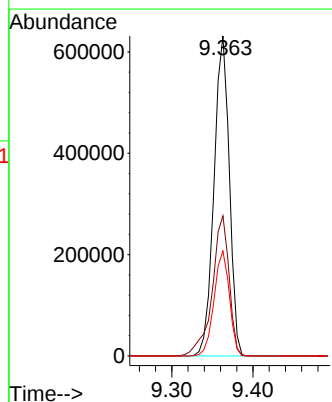
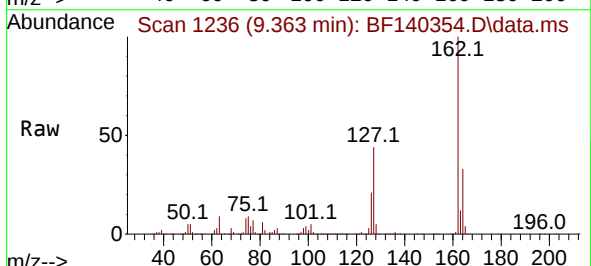
Manual Integrations
APPROVED

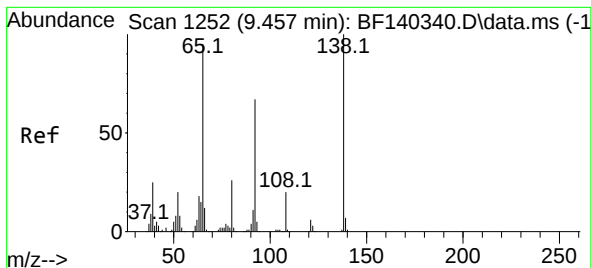
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#47
2-Chloronaphthalene
Concen: 47.112 ng
RT: 9.363 min Scan# 1236
Delta R.T. -0.000 min
Lab File: BF140354.D
Acq: 14 Nov 2024 11:01

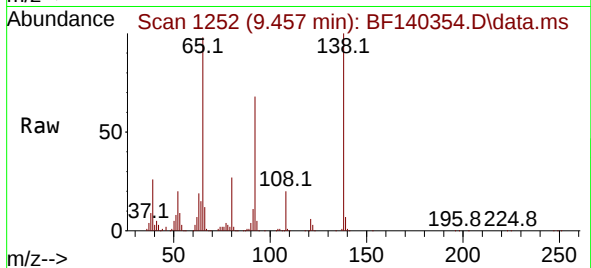
Tgt Ion:162 Resp: 827908
Ion Ratio Lower Upper
162 100
127 43.8 34.0 51.0
164 32.8 26.5 39.7





#48
2-Nitroaniline
Concen: 51.099 ng
RT: 9.457 min Scan# 1252
Delta R.T. -0.000 min
Lab File: BF140354.D
Acq: 14 Nov 2024 11:01

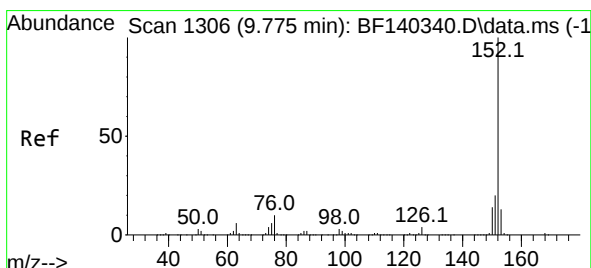
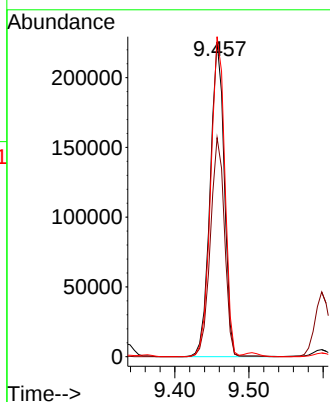
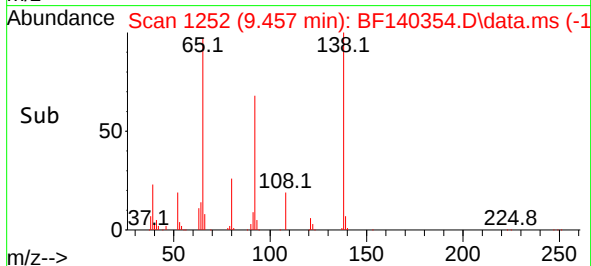
Instrument :
BNA_F
ClientSampleId :
PB164911BSD



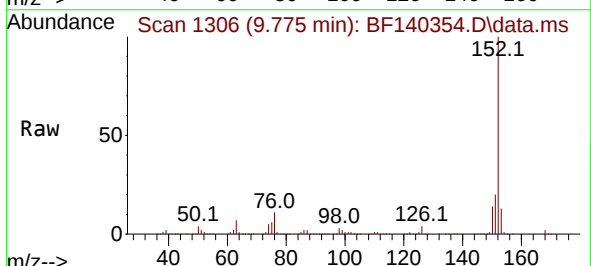
Tgt Ion: 65 Resp: 29780
Ion Ratio Lower Upper
65 100
92 69.6 56.4 84.6
138 101.7 84.8 127.2

Manual Integrations
APPROVED

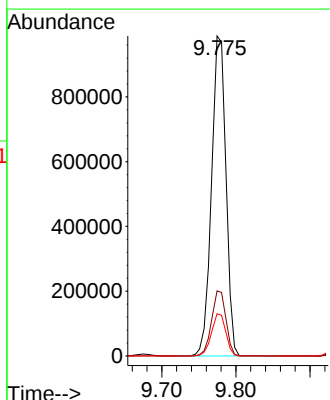
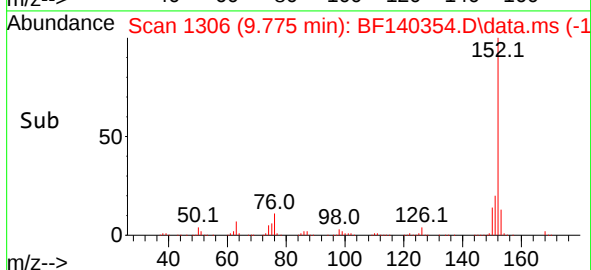
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024

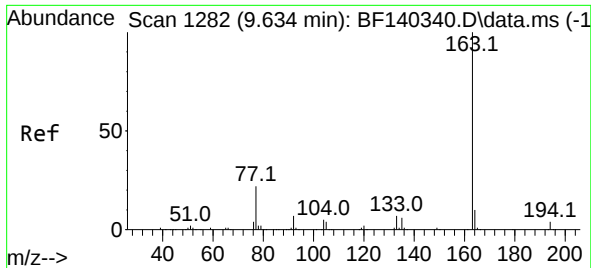


#49
Acenaphthylene
Concen: 50.229 ng
RT: 9.775 min Scan# 1306
Delta R.T. -0.000 min
Lab File: BF140354.D
Acq: 14 Nov 2024 11:01



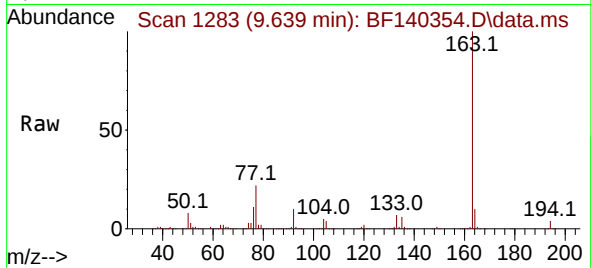
Tgt Ion:152 Resp: 1335482
Ion Ratio Lower Upper
152 100
151 20.3 16.1 24.1
153 13.2 10.7 16.1





#50
Dimethylphthalate
Concen: 49.908 ng
RT: 9.639 min Scan# 1283
Delta R.T. 0.006 min
Lab File: BF140354.D
Acq: 14 Nov 2024 11:01

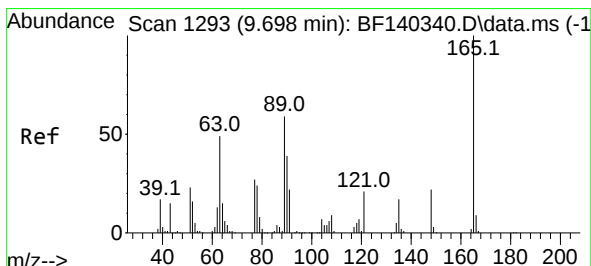
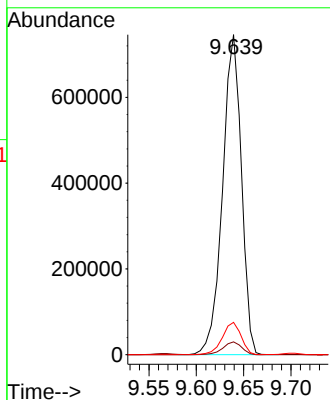
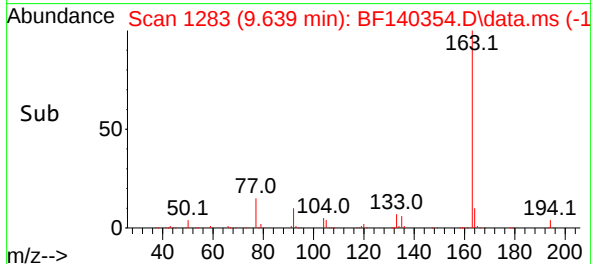
Instrument :
BNA_F
ClientSampleId :
PB164911BSD



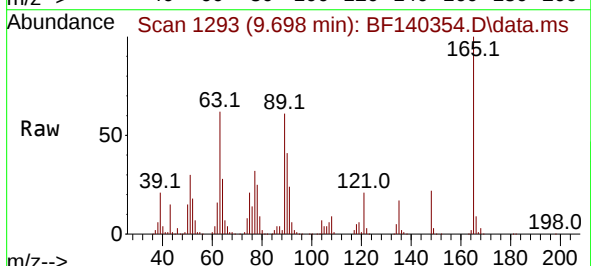
Tgt Ion:163 Resp: 1031539
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 10.1 8.2 12.4

Manual Integrations
APPROVED

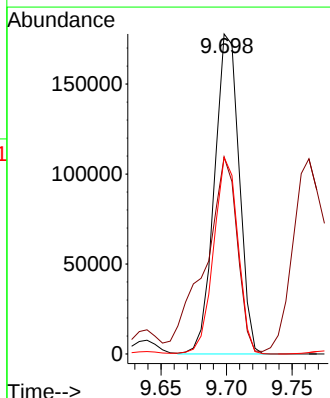
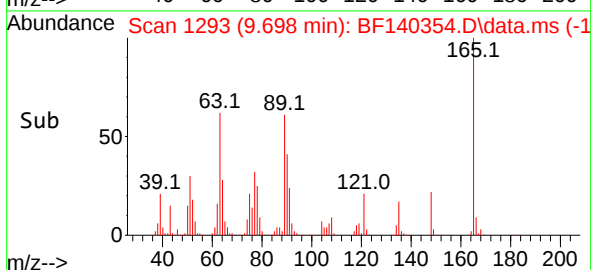
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024

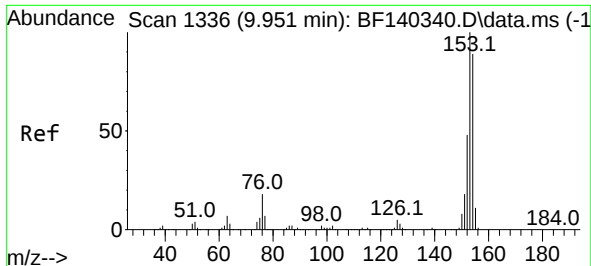


#51
2,6-Dinitrotoluene
Concen: 49.427 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BF140354.D
Acq: 14 Nov 2024 11:01



Tgt Ion:165 Resp: 232900
Ion Ratio Lower Upper
165 100
63 61.5 47.6 71.4
89 61.4 48.1 72.1





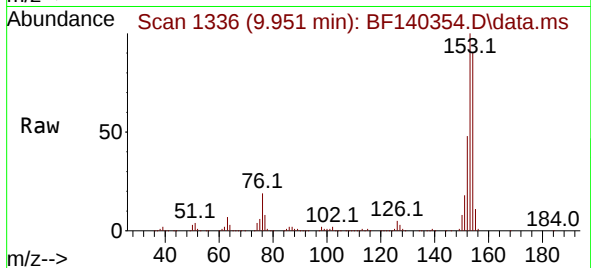
#52
Acenaphthene
Concen: 54.381 ng
RT: 9.951 min Scan# 1336
Delta R.T. -0.000 min
Lab File: BF140354.D
Acq: 14 Nov 2024 11:01

Instrument :

BNA_F

ClientSampleId :

PB164911BSD

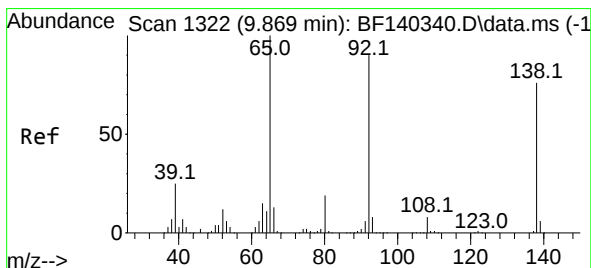
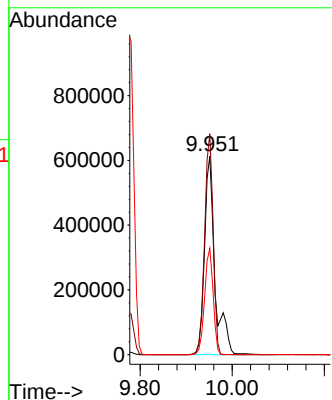
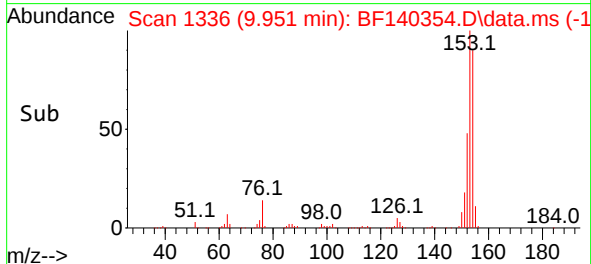


Tgt Ion:154 Resp: 976579
Ion Ratio Lower Upper
154 100
153 111.2 89.8 134.8
152 53.5 42.6 64.0

Manual Integrations

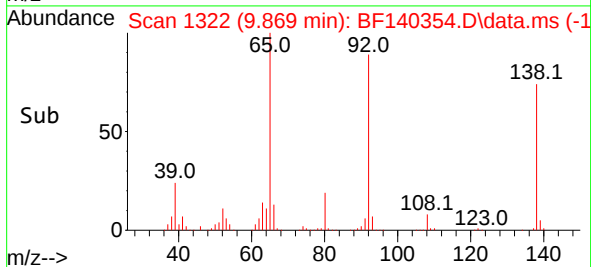
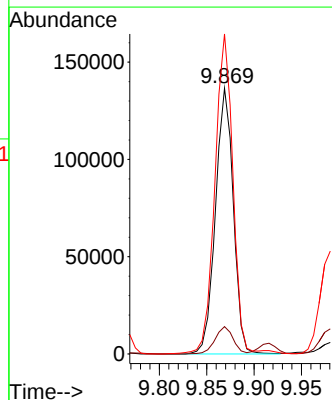
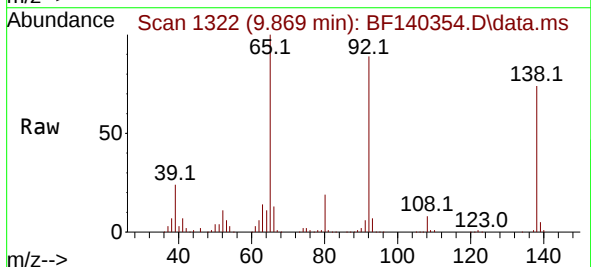
APPROVED

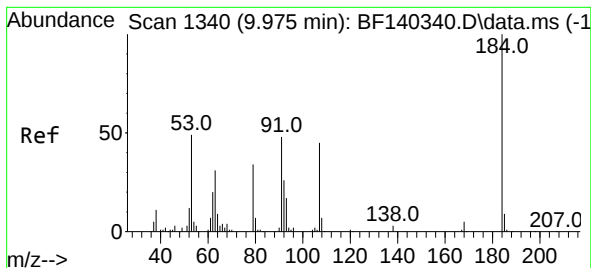
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#53
3-Nitroaniline
Concen: 36.246 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF140354.D
Acq: 14 Nov 2024 11:01

Tgt Ion:138 Resp: 179363
Ion Ratio Lower Upper
138 100
108 10.3 8.4 12.6
92 120.4 95.5 143.3





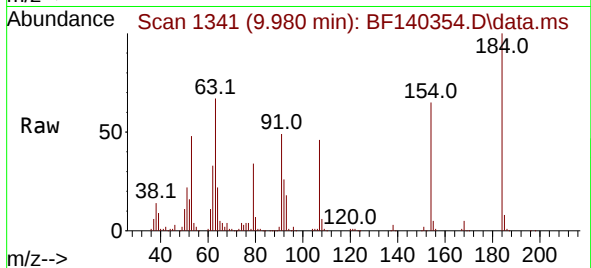
#54
2,4-Dinitrophenol
Concen: 112.786 ng
RT: 9.980 min Scan# 1340
Delta R.T. 0.005 min
Lab File: BF140354.D
Acq: 14 Nov 2024 11:01

Instrument :

BNA_F

ClientSampleId :

PB164911BSD



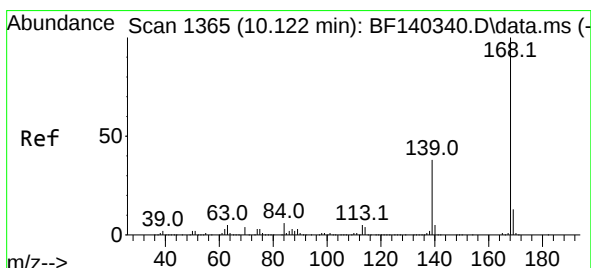
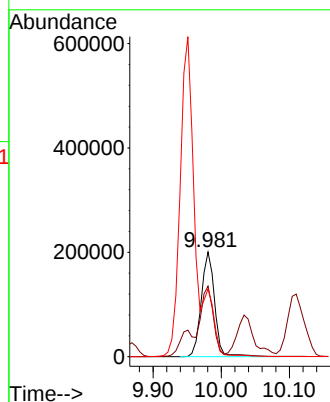
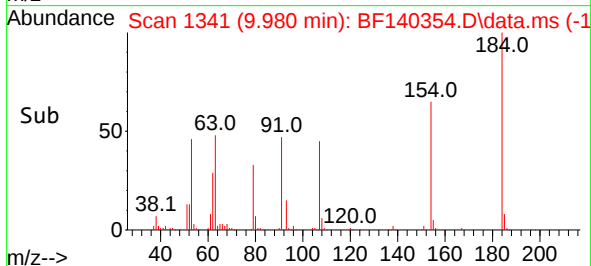
Tgt Ion:184 Resp: 274059
Ion Ratio Lower Upper
184 100
63 67.5 53.5 80.3
154 64.6 51.3 76.9

Manual Integrations

APPROVED

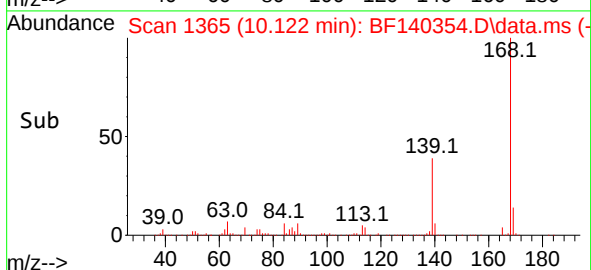
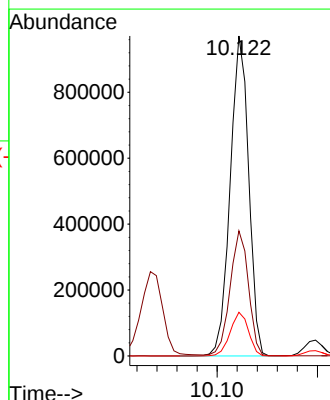
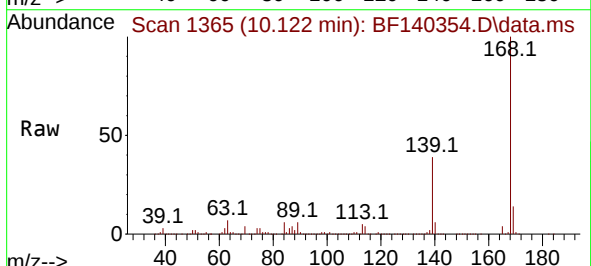
Reviewed By :Yogesh Patel 11/15/2024

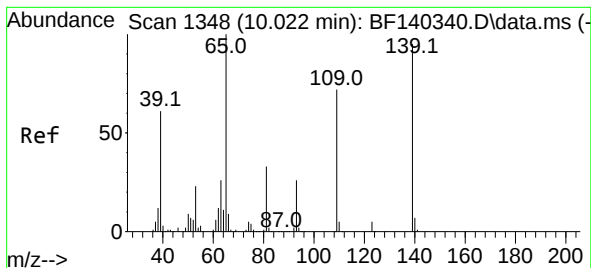
Supervised By :mohammad ahmed 11/15/2024



#55
Dibenzofuran
Concen: 48.907 ng
RT: 10.122 min Scan# 1365
Delta R.T. -0.000 min
Lab File: BF140354.D
Acq: 14 Nov 2024 11:01

Tgt Ion:168 Resp: 1243303
Ion Ratio Lower Upper
168 100
139 39.1 30.8 46.2
169 13.6 10.8 16.2





#56
4-Nitrophenol
Concen: 108.077 ng
RT: 10.033 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF140354.D
Acq: 14 Nov 2024 11:01

Instrument :

BNA_F

ClientSampleId :

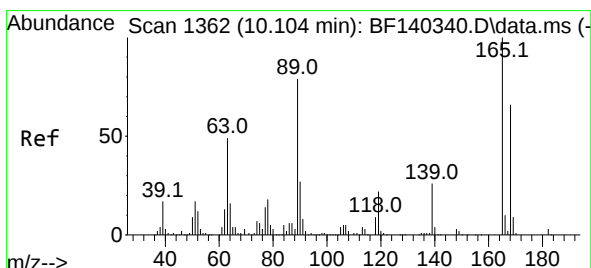
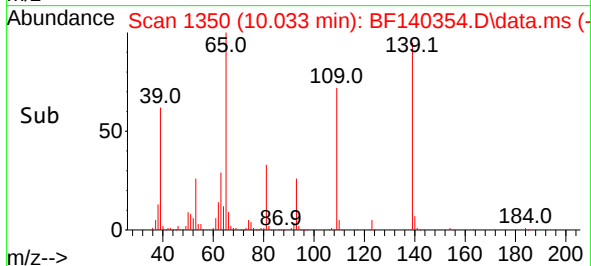
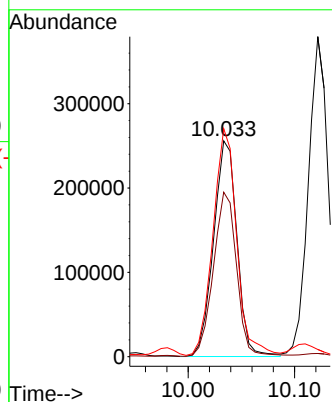
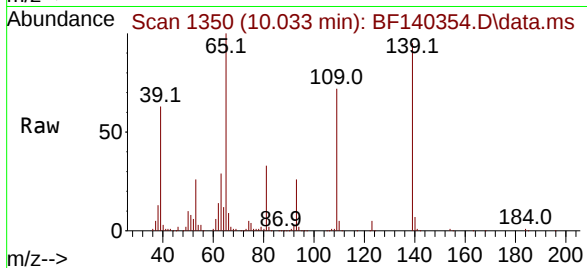
PB164911BSD

Tgt Ion:139 Resp: 39010
Ion Ratio Lower Upper
139 100
109 76.2 54.5 94.5
65 105.6 84.4 124.4

Manual Integrations

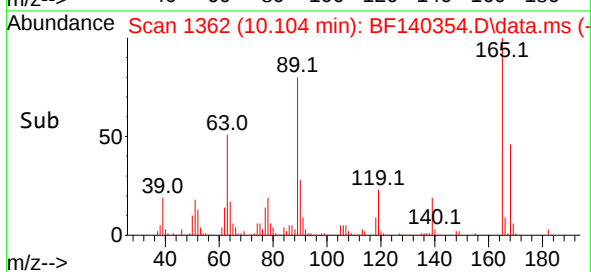
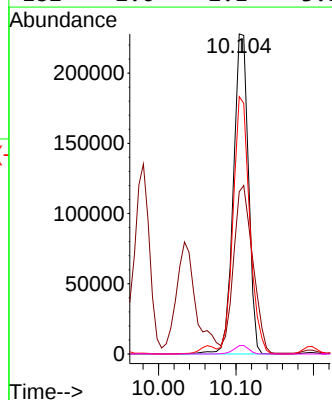
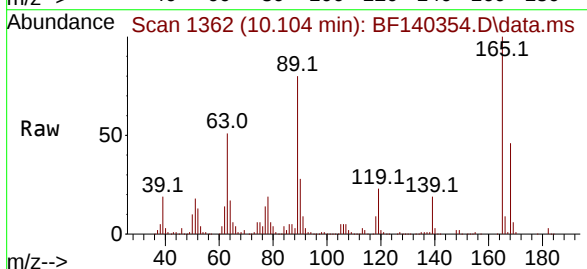
APPROVED

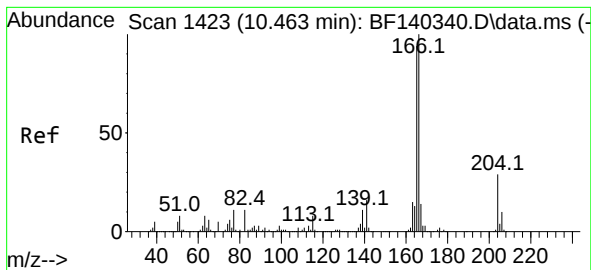
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#57
2,4-Dinitrotoluene
Concen: 49.842 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF140354.D
Acq: 14 Nov 2024 11:01

Tgt Ion:165 Resp: 309092
Ion Ratio Lower Upper
165 100
63 50.7 39.4 59.0
89 80.4 62.4 93.6
182 2.6 2.1 3.1





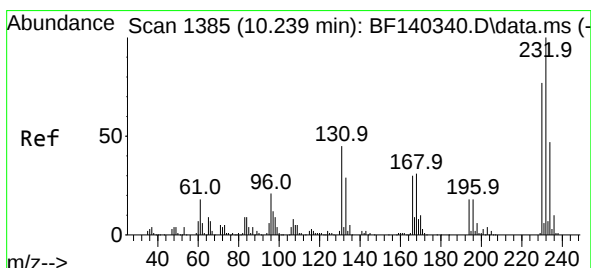
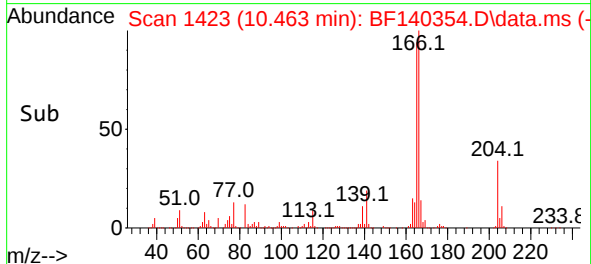
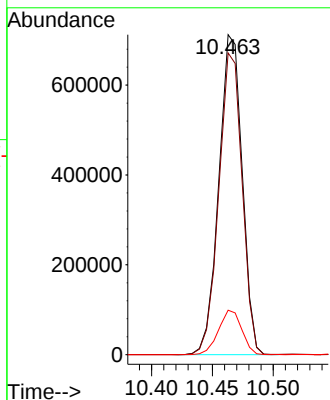
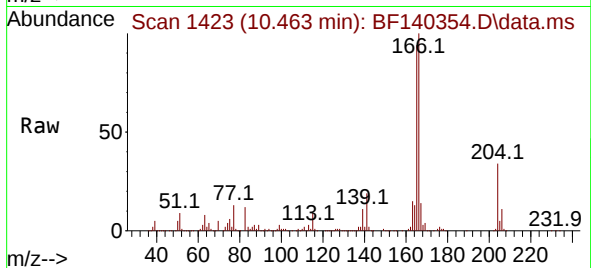
#58
Fluorene
Concen: 47.342 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF140354.D
Acq: 14 Nov 2024 11:01

Instrument :
BNA_F
ClientSampleId :
PB164911BSD

Tgt Ion:166 Resp: 95077
Ion Ratio Lower Upper
166 100
165 94.3 73.9 110.9
167 13.9 10.9 16.3

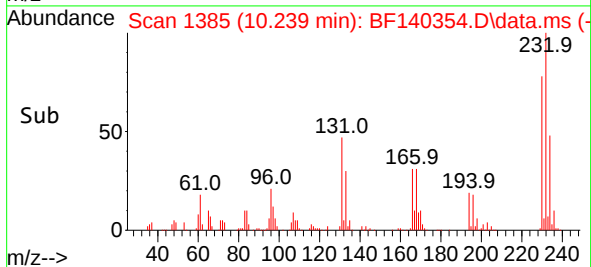
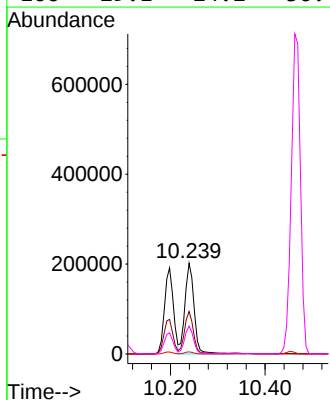
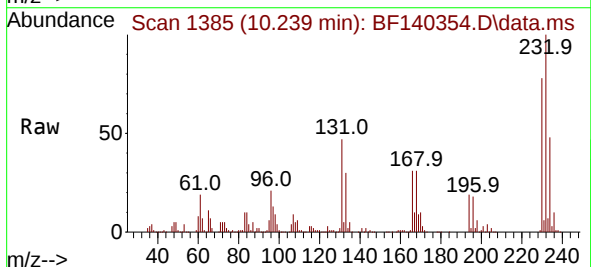
Manual Integrations
APPROVED

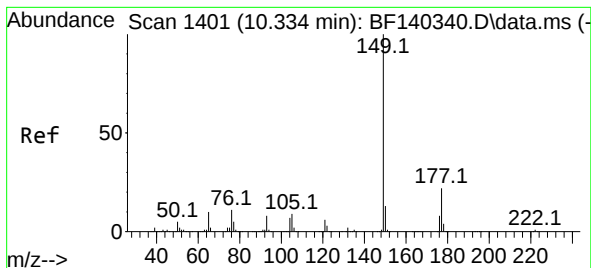
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#59
2,3,4,6-Tetrachlorophenol
Concen: 54.829 ng
RT: 10.239 min Scan# 1385
Delta R.T. -0.000 min
Lab File: BF140354.D
Acq: 14 Nov 2024 11:01

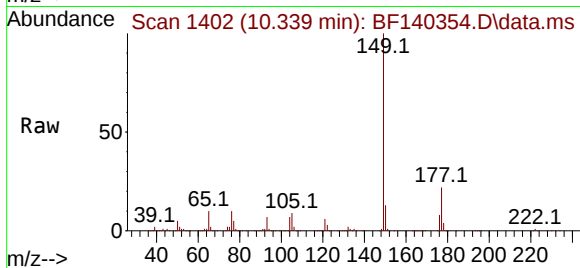
Tgt Ion:232 Resp: 272385
Ion Ratio Lower Upper
232 100
131 45.6 36.8 55.2
130 2.3 1.9 2.9
166 29.1 24.2 36.4





#60
Diethylphthalate
Concen: 48.991 ng
RT: 10.339 min Scan# 1401
Delta R.T. 0.006 min
Lab File: BF140354.D
Acq: 14 Nov 2024 11:01

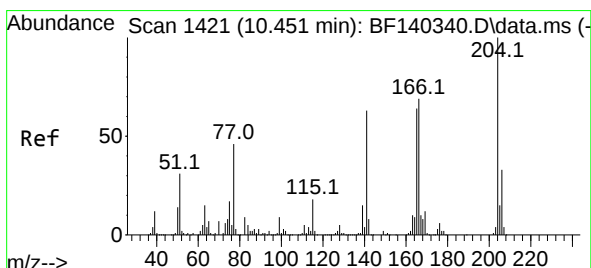
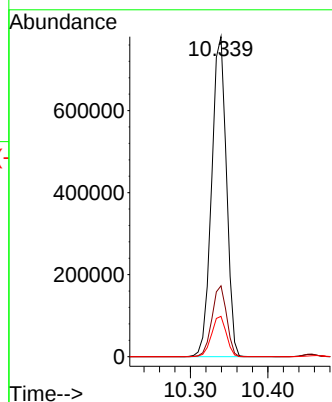
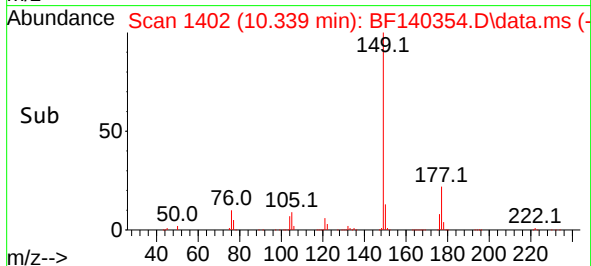
Instrument :
BNA_F
ClientSampleId :
PB164911BSD



Tgt Ion:149 Resp: 103541
Ion Ratio Lower Upper
149 100
177 22.2 17.5 26.3
150 12.6 10.1 15.1

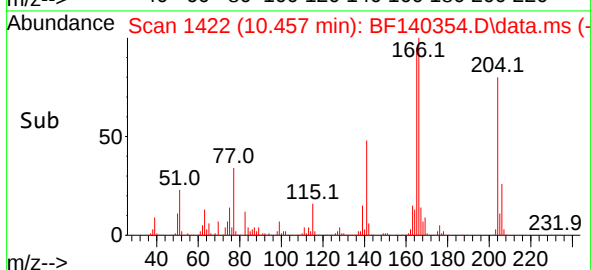
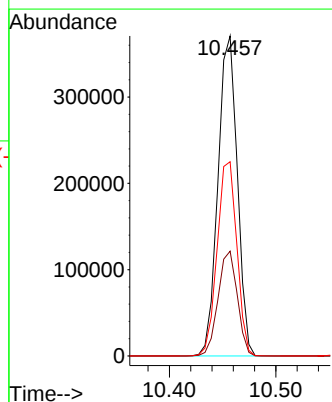
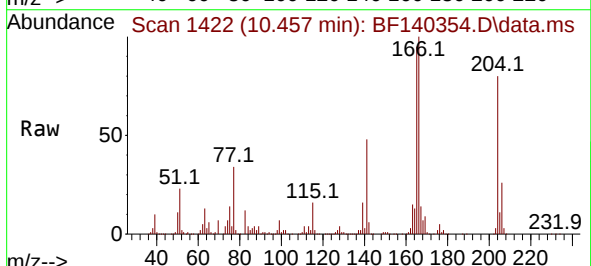
Manual Integrations
APPROVED

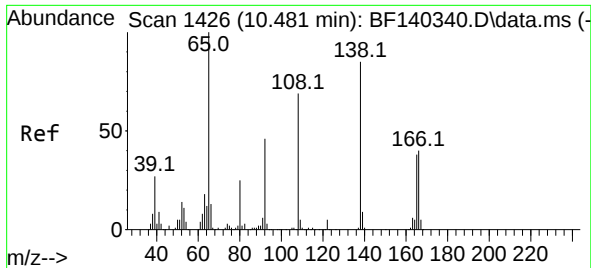
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#61
4-Chlorophenyl-phenylether
Concen: 47.032 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF140354.D
Acq: 14 Nov 2024 11:01

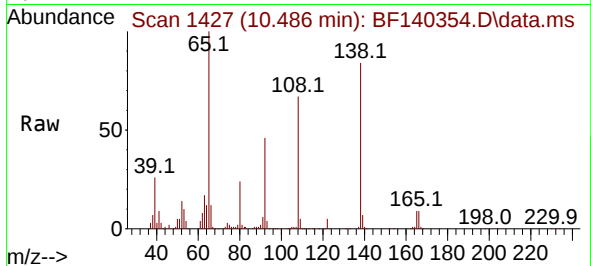
Tgt Ion:204 Resp: 466316
Ion Ratio Lower Upper
204 100
206 32.8 26.0 39.0
141 60.7 49.8 74.8





#62
4-Nitroaniline
Concen: 47.365 ng
RT: 10.486 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF140354.D
Acq: 14 Nov 2024 11:01

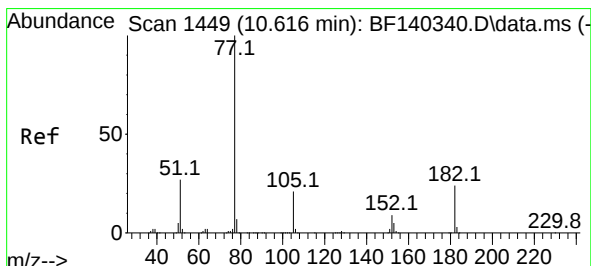
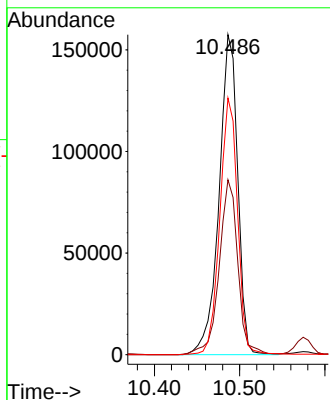
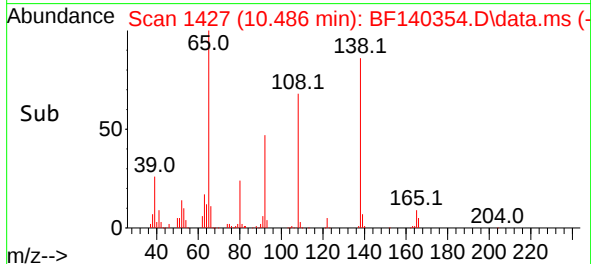
Instrument :
BNA_F
ClientSampleId :
PB164911BSD



Tgt Ion:138 Resp: 239658
Ion Ratio Lower Upper
138 100
92 54.7 33.8 73.8
108 80.2 59.9 99.9

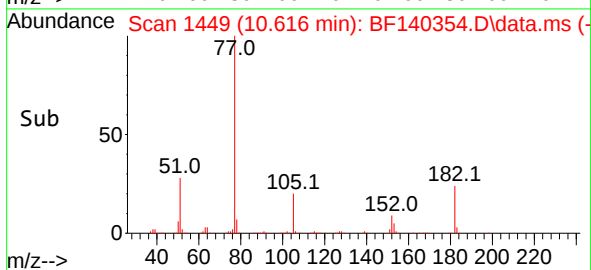
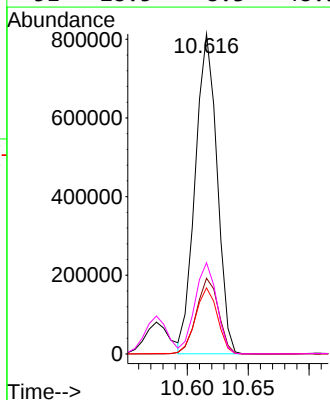
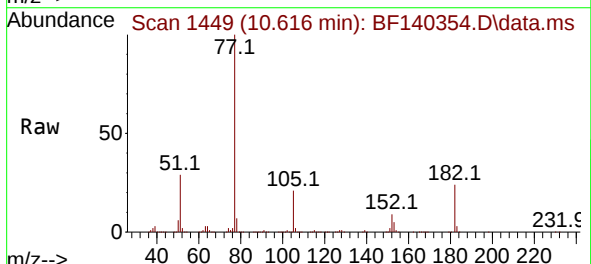
Manual Integrations
APPROVED

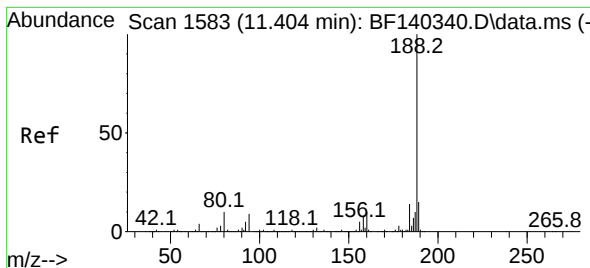
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#63
Azobenzene
Concen: 48.594 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF140354.D
Acq: 14 Nov 2024 11:01

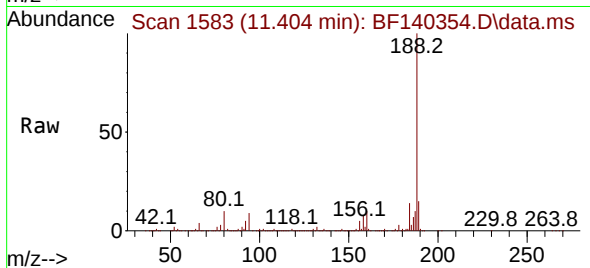
Tgt Ion: 77 Resp: 1014776
Ion Ratio Lower Upper
77 100
182 23.6 4.6 44.6
105 20.7 0.9 40.9
51 28.5 8.3 48.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140354.D
Acq: 14 Nov 2024 11:01

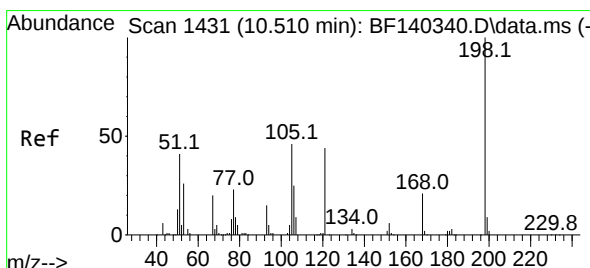
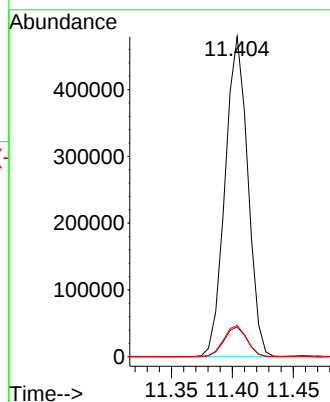
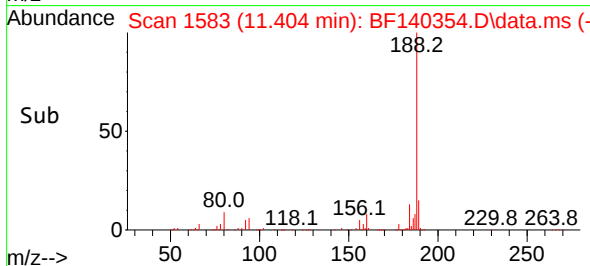
Instrument :
BNA_F
ClientSampleId :
PB164911BSD



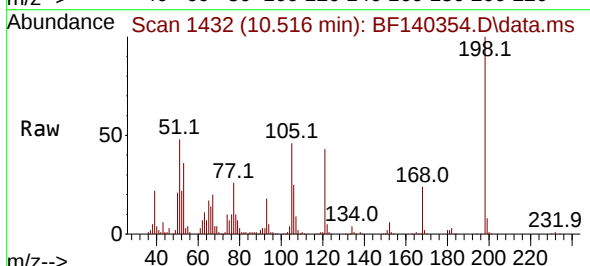
Tgt Ion:188 Resp: 62333
Ion Ratio Lower Upper
188 100
94 9.4 7.6 11.4
80 9.8 8.0 12.0

Manual Integrations
APPROVED

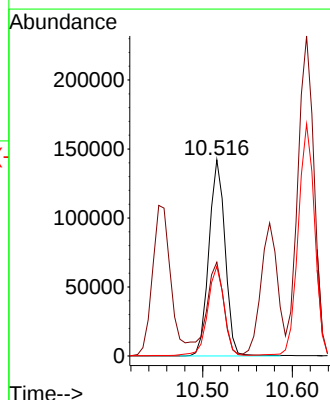
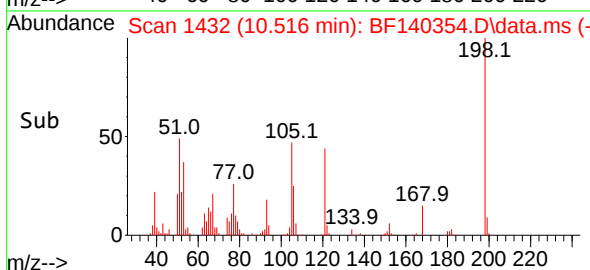
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024

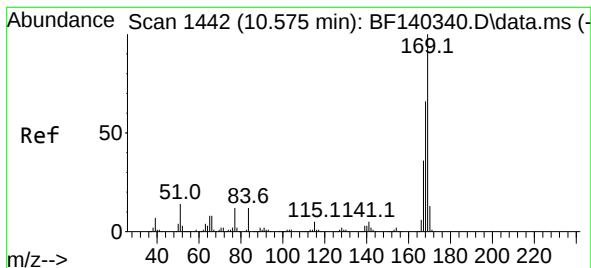


#65
4,6-Dinitro-2-methylphenol
Concen: 52.973 ng
RT: 10.516 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF140354.D
Acq: 14 Nov 2024 11:01



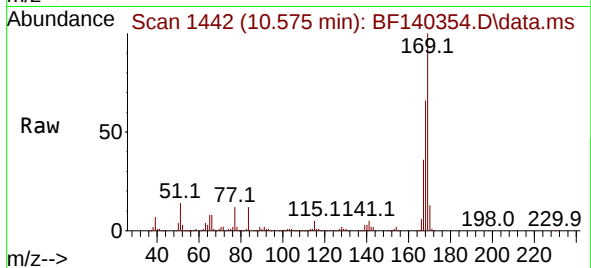
Tgt Ion:198 Resp: 177654
Ion Ratio Lower Upper
198 100
51 47.8 29.7 69.7
105 45.6 26.3 66.3





#66
n-Nitrosodiphenylamine
Concen: 48.207 ng
RT: 10.575 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF140354.D
Acq: 14 Nov 2024 11:01

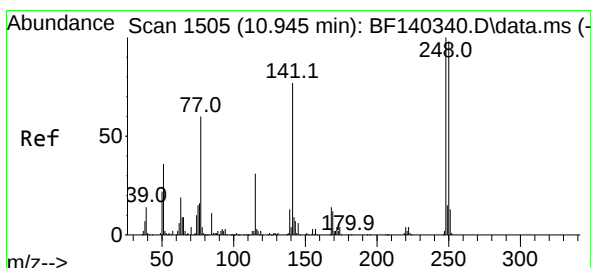
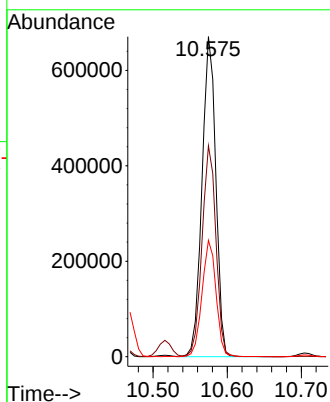
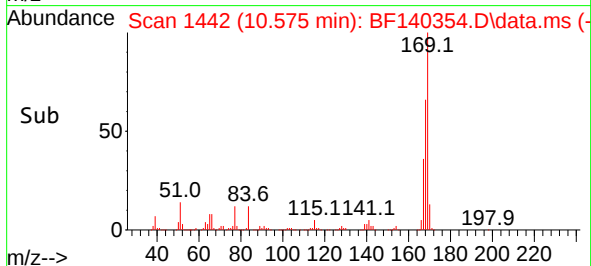
Instrument :
BNA_F
ClientSampleId :
PB164911BSD



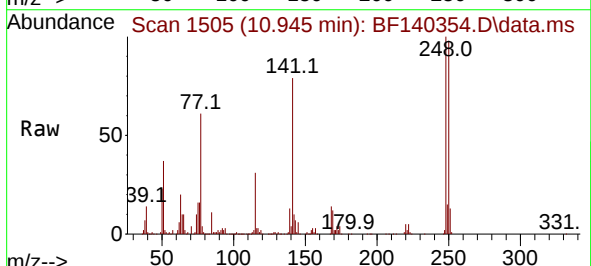
Tgt Ion:169 Resp: 86822
Ion Ratio Lower Upper
169 100
168 65.9 52.7 79.1
167 36.3 29.3 43.9

Manual Integrations
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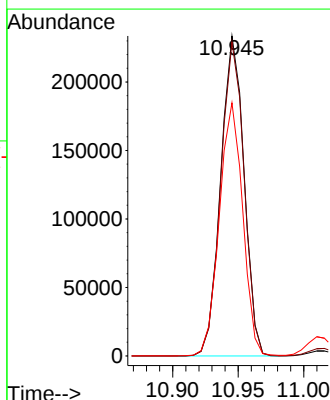
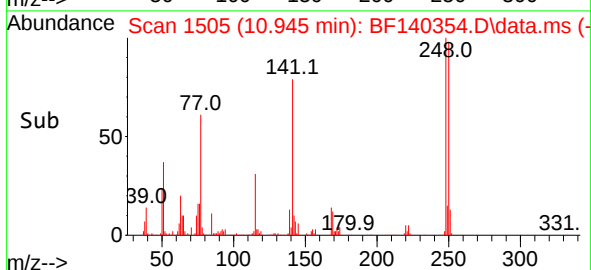
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024

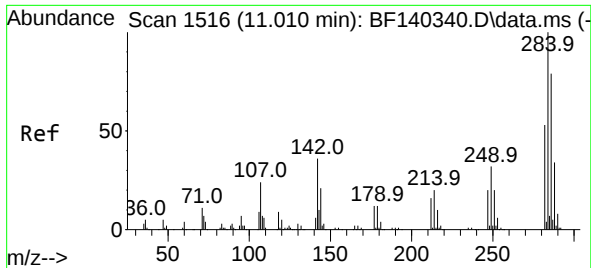


#67
4-Bromophenyl-phenylether
Concen: 46.395 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF140354.D
Acq: 14 Nov 2024 11:01



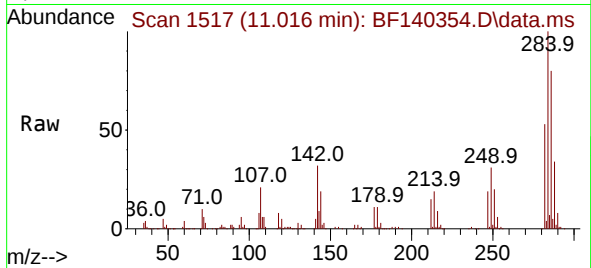
Tgt Ion:248 Resp: 289084
Ion Ratio Lower Upper
248 100
250 98.1 77.9 116.9
141 79.1 61.8 92.6





#68
Hexachlorobenzene
Concen: 45.547 ng
RT: 11.016 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF140354.D
Acq: 14 Nov 2024 11:01

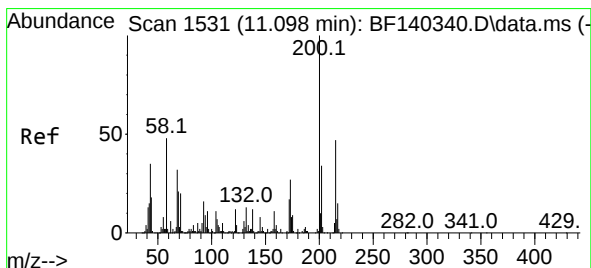
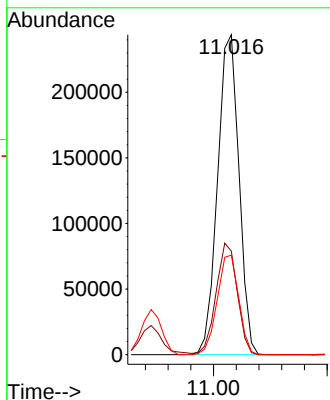
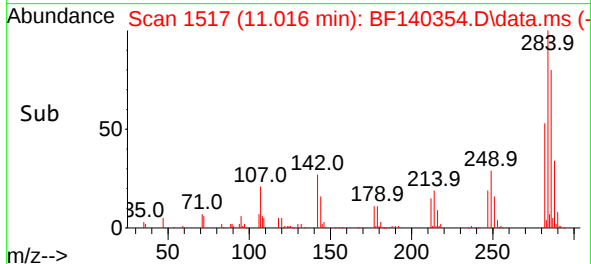
Instrument :
BNA_F
ClientSampleId :
PB164911BSD



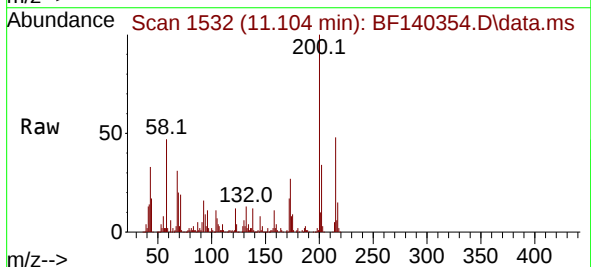
Tgt Ion:284 Resp: 319312
Ion Ratio Lower Upper
284 100
142 32.4 28.1 42.1
249 31.1 24.9 37.3

Manual Integrations
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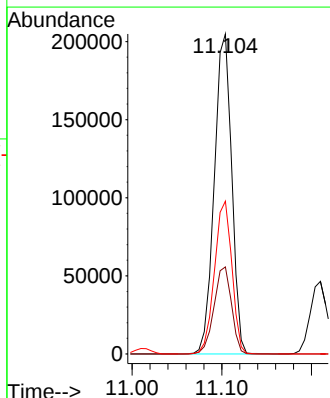
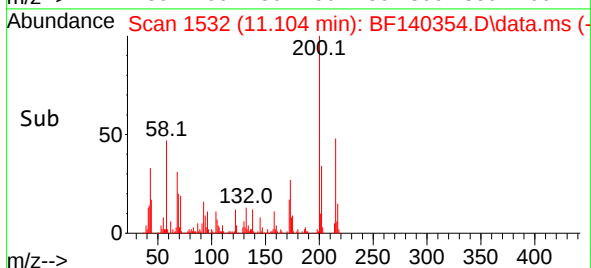
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024

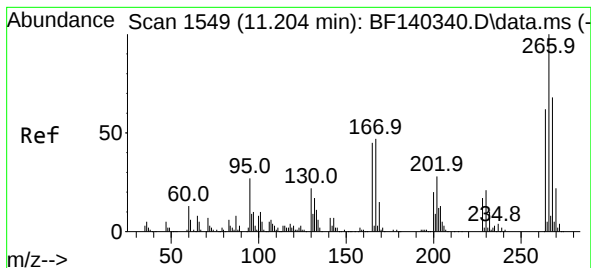


#69
Atrazine
Concen: 50.571 ng
RT: 11.104 min Scan# 1532
Delta R.T. 0.006 min
Lab File: BF140354.D
Acq: 14 Nov 2024 11:01



Tgt Ion:200 Resp: 275558
Ion Ratio Lower Upper
200 100
173 27.2 6.6 46.6
215 47.8 27.2 67.2





#70

Pentachlorophenol

Concen: 89.496 ng

RT: 11.210 min Scan# 1550

Delta R.T. 0.006 min

Lab File: BF140354.D

Acq: 14 Nov 2024 11:01

Instrument :

BNA_F

ClientSampleId :

PB164911BSD

Tgt Ion:266 Resp: 337974

Ion Ratio Lower Upper

266 100

268 66.9 52.9 79.3

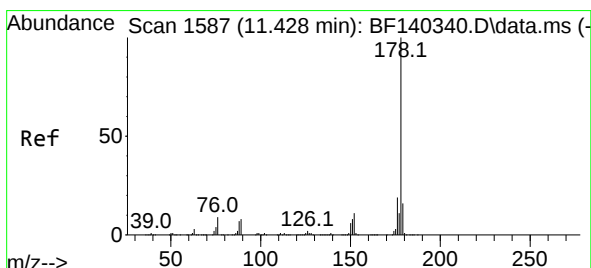
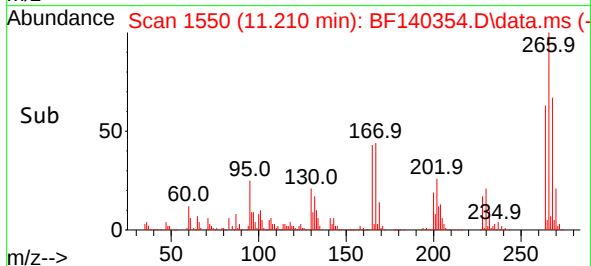
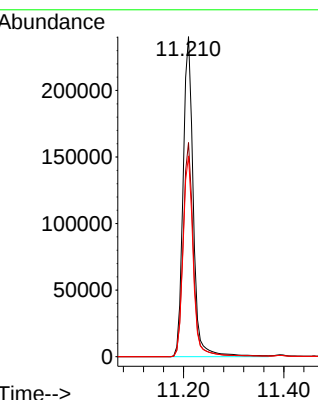
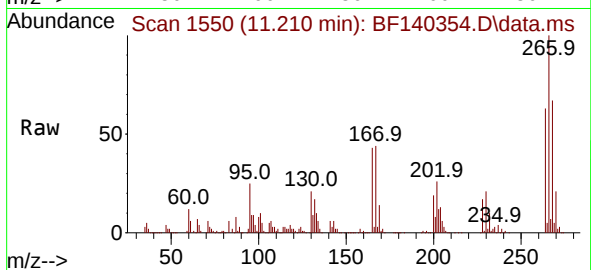
264 62.7 50.3 75.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/15/2024

Supervised By :mohammad ahmed 11/15/2024



#71

Phenanthrene

Concen: 47.529 ng

RT: 11.427 min Scan# 1587

Delta R.T. -0.000 min

Lab File: BF140354.D

Acq: 14 Nov 2024 11:01

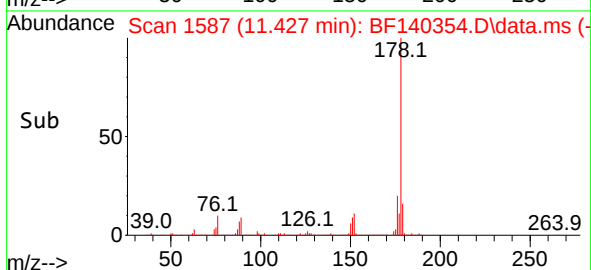
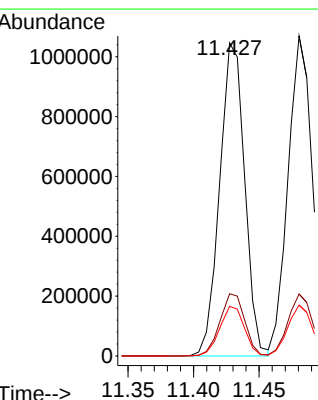
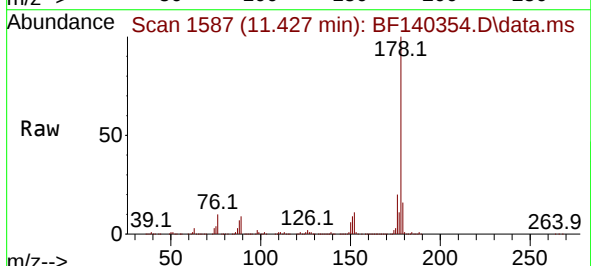
Tgt Ion:178 Resp: 1391714

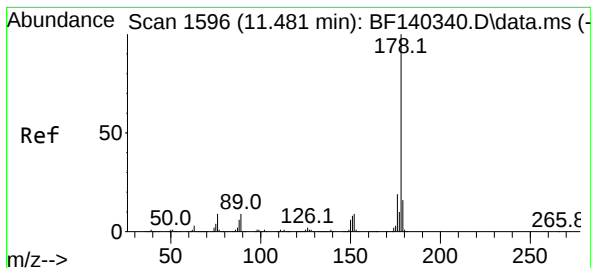
Ion Ratio Lower Upper

178 100

176 19.9 15.5 23.3

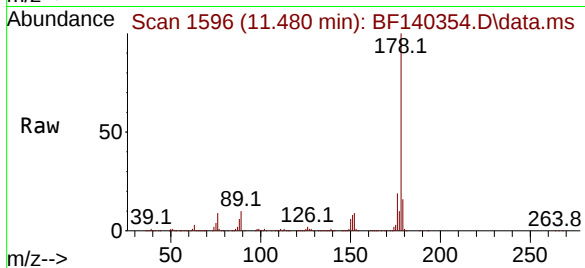
179 15.9 12.4 18.6





#72
 Anthracene
 Concen: 47.604 ng
 RT: 11.480 min Scan# 1596
 Delta R.T. -0.000 min
 Lab File: BF140354.D
 Acq: 14 Nov 2024 11:01

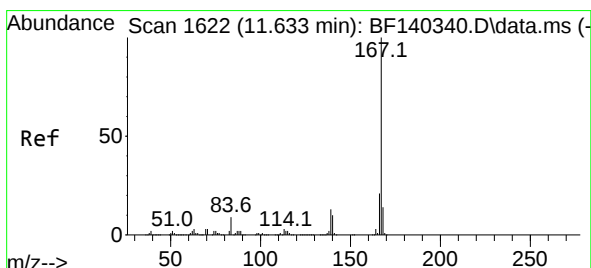
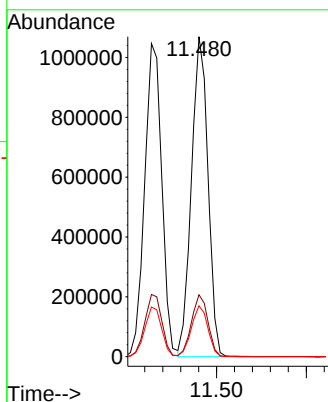
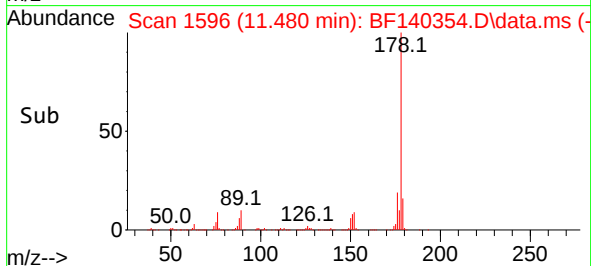
Instrument :
 BNA_F
 ClientSampleId :
 PB164911BSD



Tgt Ion:178 Resp: 1366110
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.0
 179 15.9 12.6 18.8

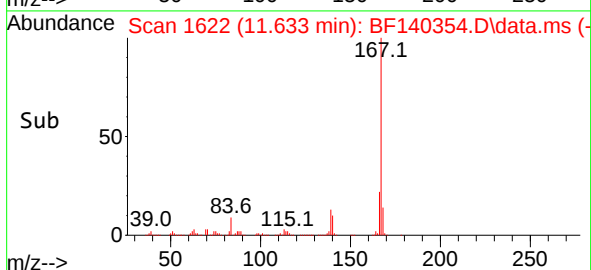
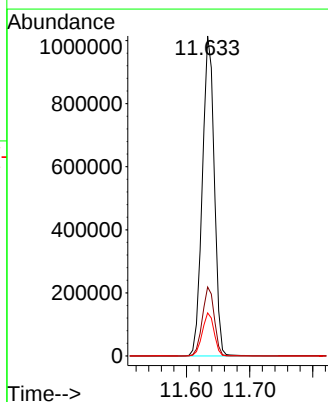
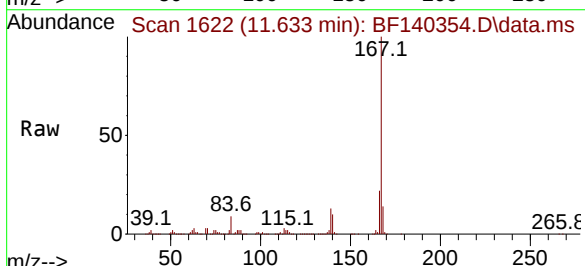
Manual Integrations
 APPROVED

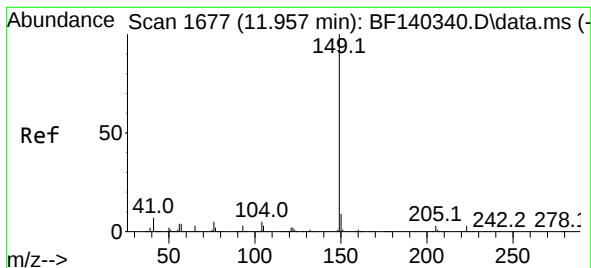
Reviewed By :Yogesh Patel 11/15/2024
 Supervised By :mohammad ahmed 11/15/2024



#73
 Carbazole
 Concen: 47.103 ng
 RT: 11.633 min Scan# 1622
 Delta R.T. -0.000 min
 Lab File: BF140354.D
 Acq: 14 Nov 2024 11:01

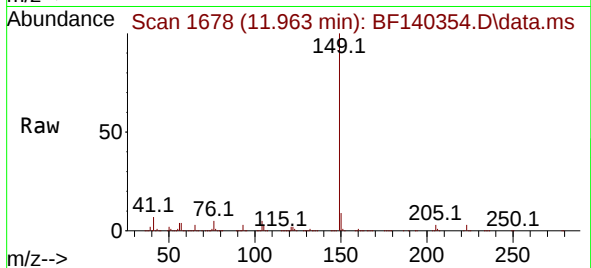
Tgt Ion:167 Resp: 1334712
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.2 25.8
 139 13.5 10.4 15.6





#74
Di-n-butylphthalate
Concen: 48.157 ng
RT: 11.963 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140354.D
Acq: 14 Nov 2024 11:01

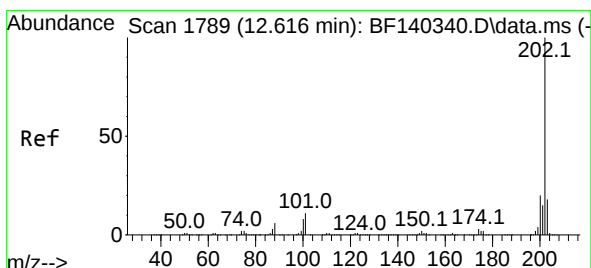
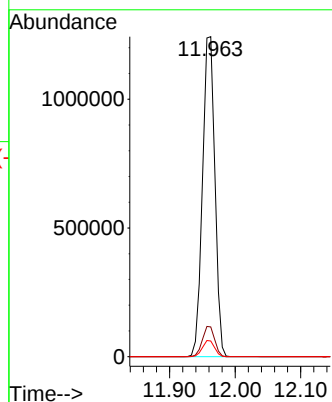
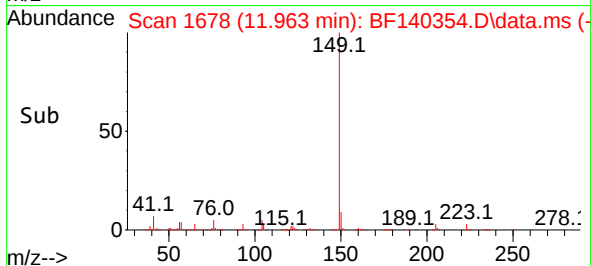
Instrument :
BNA_F
ClientSampleId :
PB164911BSD



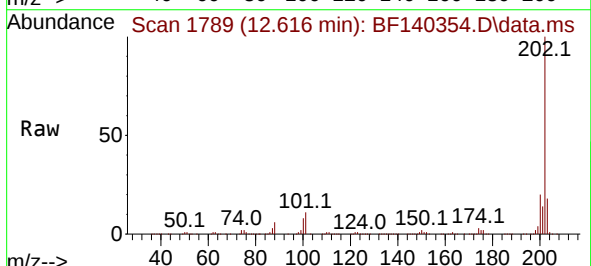
Tgt Ion:149 Resp: 163777
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.2
104 4.9 4.0 6.0

Manual Integrations
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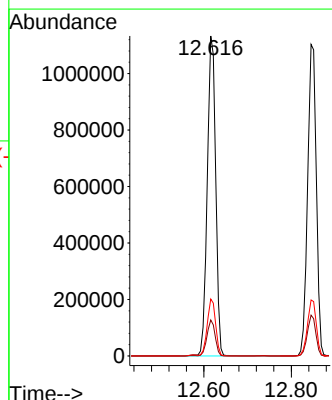
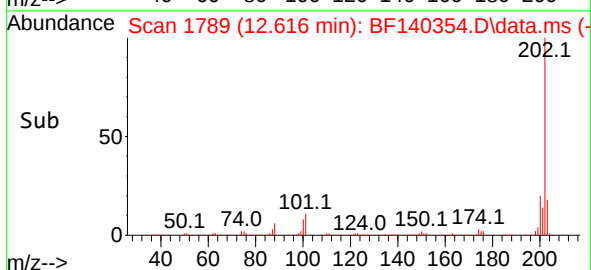
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024

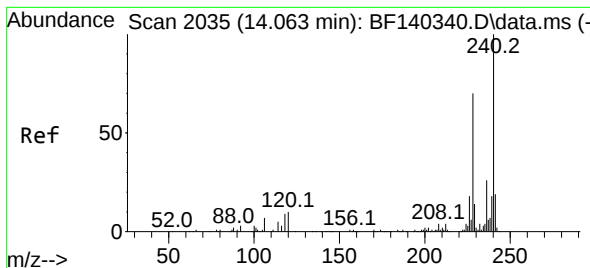


#75
Fluoranthene
Concen: 46.237 ng
RT: 12.616 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BF140354.D
Acq: 14 Nov 2024 11:01



Tgt Ion:202 Resp: 1518924
Ion Ratio Lower Upper
202 100
101 11.3 0.0 30.7
203 17.8 0.0 37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2035

Delta R.T. 0.006 min

Lab File: BF140354.D

Acq: 14 Nov 2024 11:01

Instrument :

BNA_F

ClientSampleId :

PB164911BSD

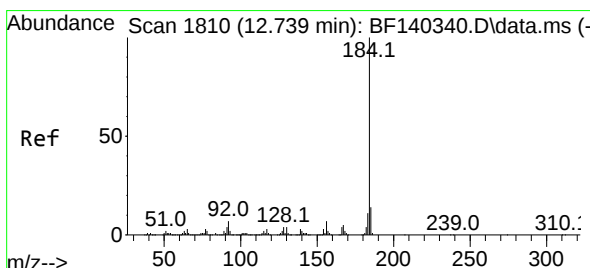
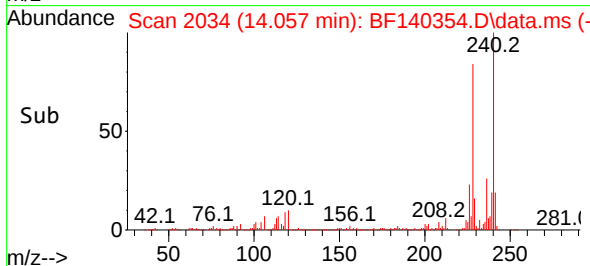
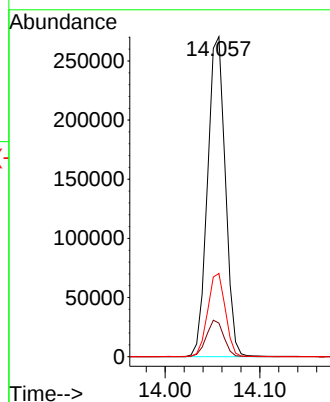
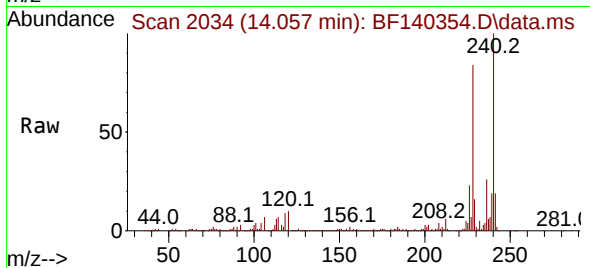
Tgt Ion:240 Resp: 35192
 Ion Ratio Lower Upper
 240 100
 120 10.5 8.8 13.2
 236 26.0 20.9 31.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/15/2024

Supervised By :mohammad ahmed 11/15/2024



#77

Benzidine

Concen: 15.484 ng

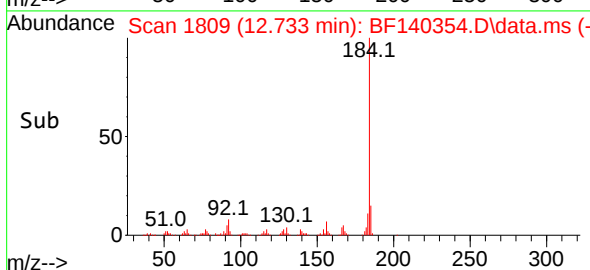
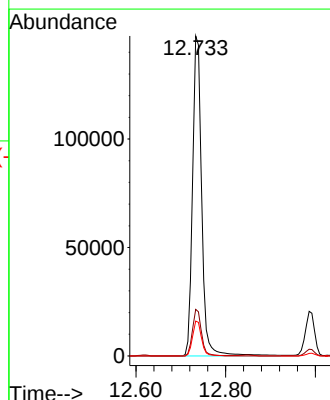
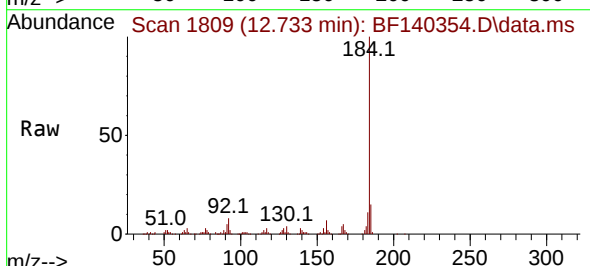
RT: 12.733 min Scan# 1809

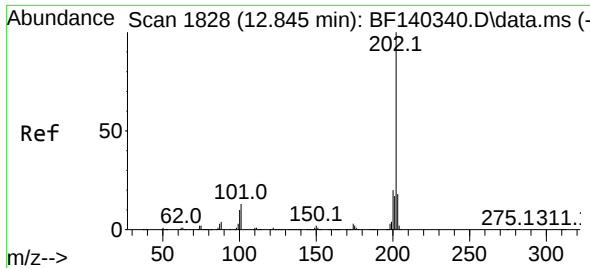
Delta R.T. 0.000 min

Lab File: BF140354.D

Acq: 14 Nov 2024 11:01

Tgt Ion:184 Resp: 209141
 Ion Ratio Lower Upper
 184 100
 185 14.5 11.9 17.9
 183 10.9 8.6 13.0





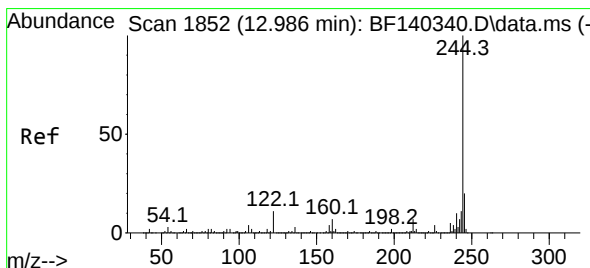
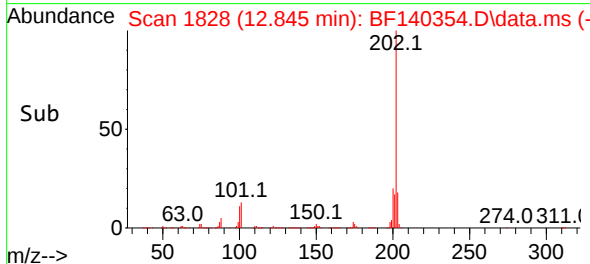
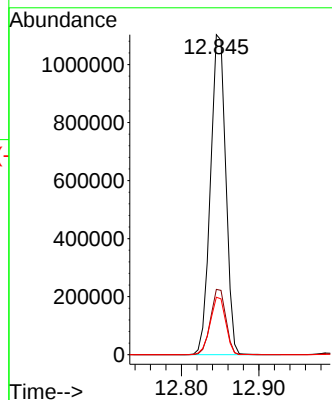
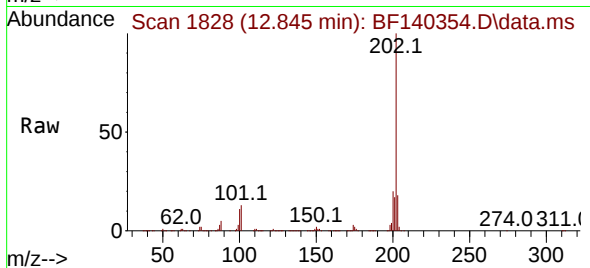
#78
Pyrene
Concen: 50.131 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.000 min
Lab File: BF140354.D
Acq: 14 Nov 2024 11:01

Instrument :
BNA_F
ClientSampleId :
PB164911BSD

Tgt Ion:202 Resp: 1509058
Ion Ratio Lower Upper
202 100
200 20.4 16.2 24.2
203 18.0 14.2 21.4

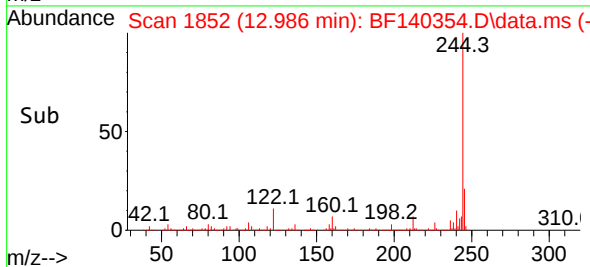
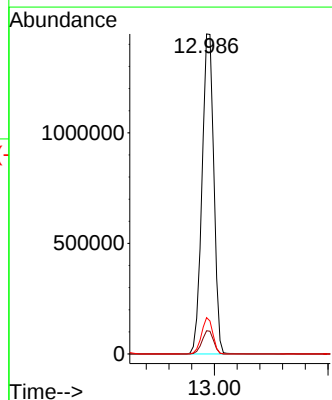
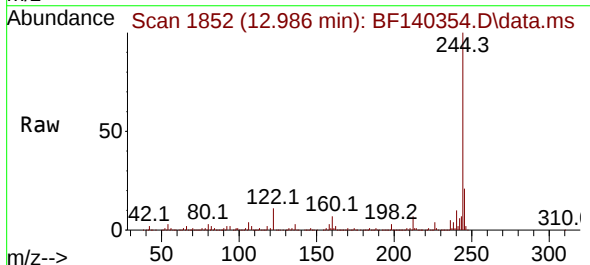
Manual Integrations
APPROVED

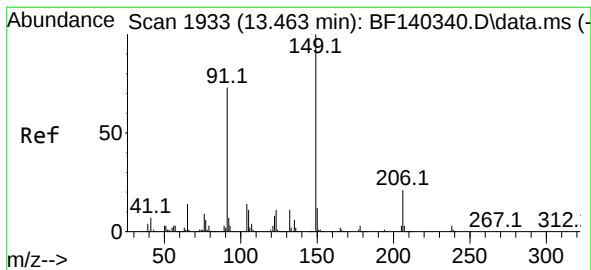
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#79
Terphenyl-d14
Concen: 102.731 ng
RT: 12.986 min Scan# 1852
Delta R.T. -0.000 min
Lab File: BF140354.D
Acq: 14 Nov 2024 11:01

Tgt Ion:244 Resp: 2082804
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.8
122 11.4 8.8 13.2





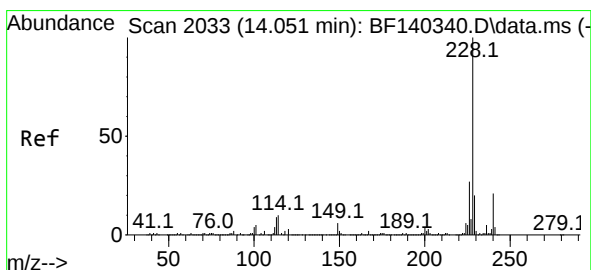
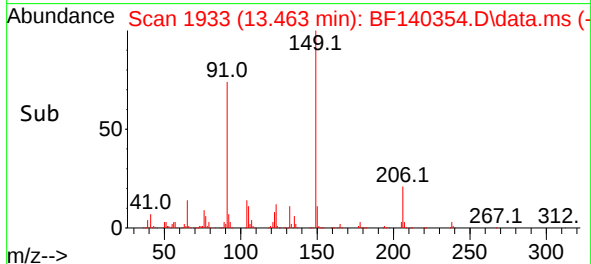
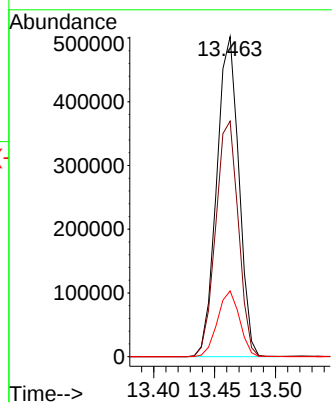
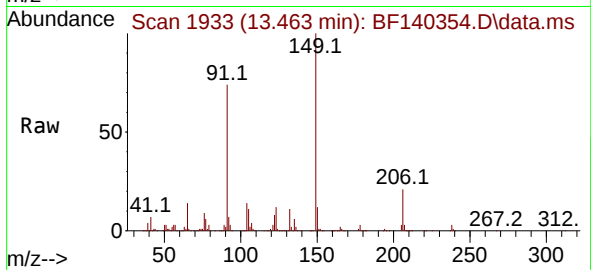
#80
Butylbenzylphthalate
Concen: 55.123 ng
RT: 13.463 min Scan# 1933
Delta R.T. 0.006 min
Lab File: BF140354.D
Acq: 14 Nov 2024 11:01

Instrument :
BNA_F
ClientSampleId :
PB164911BSD

Tgt Ion:149 Resp: 63743
Ion Ratio Lower Upper
149 100
91 73.6 61.0 91.4
206 20.5 16.1 24.1

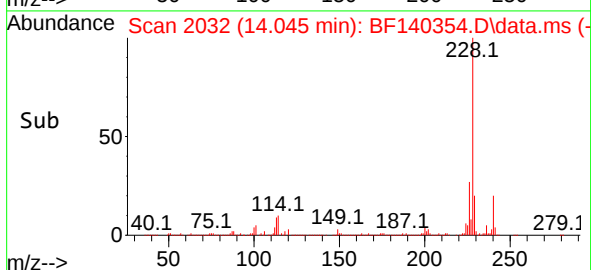
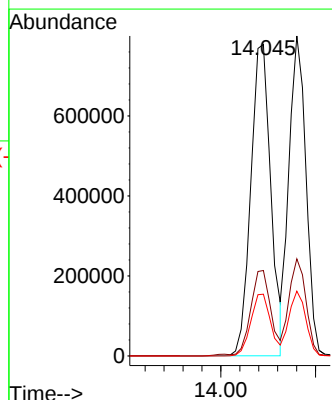
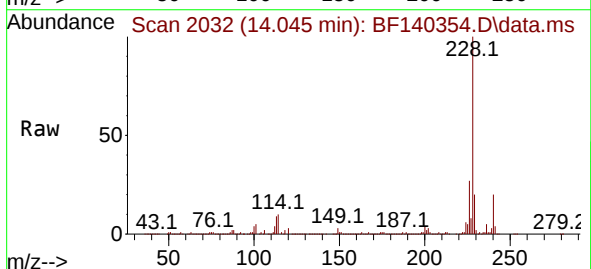
Manual Integrations
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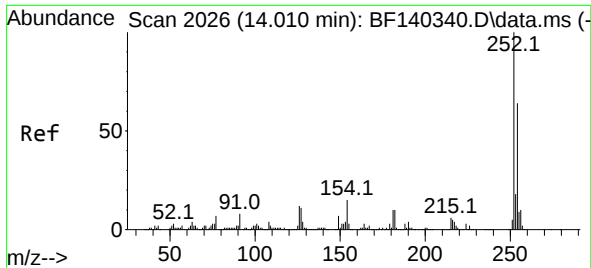
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#81
Benzo(a)anthracene
Concen: 49.571 ng
RT: 14.045 min Scan# 2032
Delta R.T. 0.006 min
Lab File: BF140354.D
Acq: 14 Nov 2024 11:01

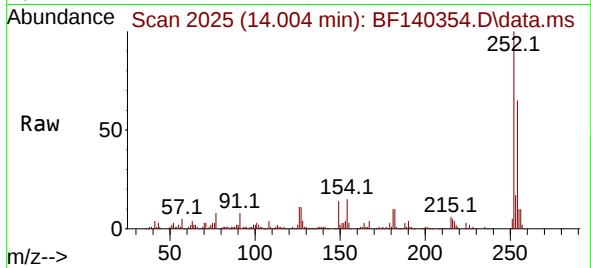
Tgt Ion:228 Resp: 1146530
Ion Ratio Lower Upper
228 100
226 27.4 22.2 33.4
229 19.8 15.8 23.6





#82
3,3'-Dichlorobenzidine
Concen: 40.522 ng
RT: 14.004 min Scan# 2026
Delta R.T. 0.006 min
Lab File: BF140354.D
Acq: 14 Nov 2024 11:01

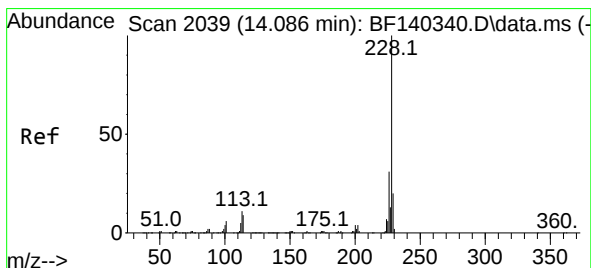
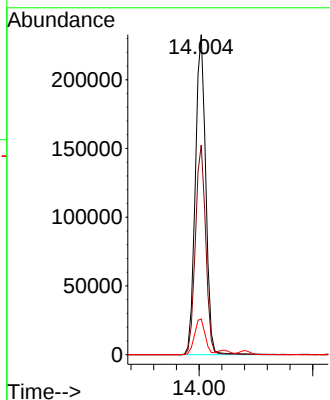
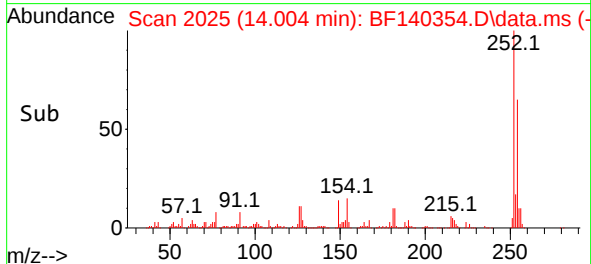
Instrument :
BNA_F
ClientSampleId :
PB164911BSD



Tgt Ion:252 Resp: 29790
Ion Ratio Lower Upper
252 100
254 65.5 51.4 77.2
126 11.1 9.4 14.0

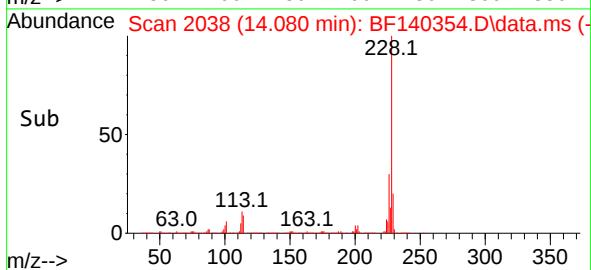
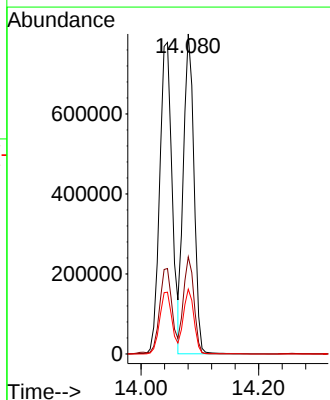
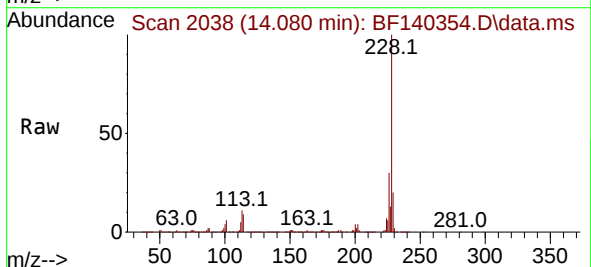
Manual Integrations
APPROVED

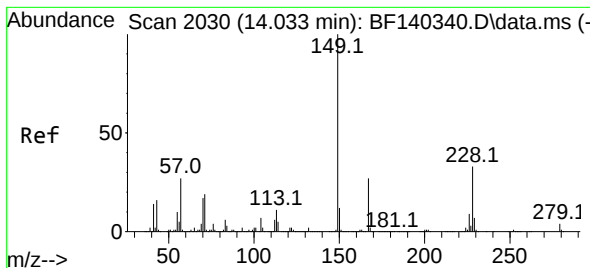
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#83
Chrysene
Concen: 47.447 ng
RT: 14.080 min Scan# 2038
Delta R.T. -0.000 min
Lab File: BF140354.D
Acq: 14 Nov 2024 11:01

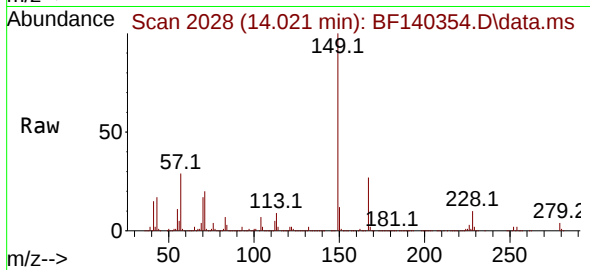
Tgt Ion:228 Resp: 1001293
Ion Ratio Lower Upper
228 100
226 30.4 24.5 36.7
229 20.2 16.0 24.0





#84
Bis(2-ethylhexyl)phthalate
Concen: 54.876 ng
RT: 14.021 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF140354.D
Acq: 14 Nov 2024 11:01

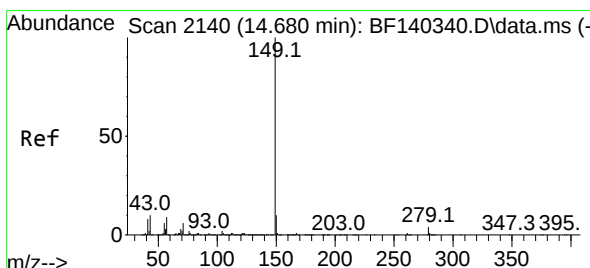
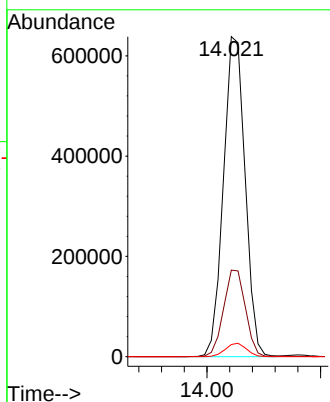
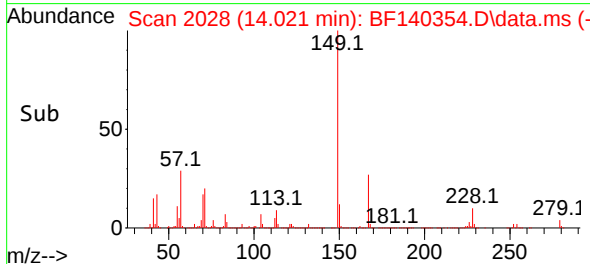
Instrument :
BNA_F
ClientSampleId :
PB164911BSD



Tgt Ion:149 Resp: 847008
Ion Ratio Lower Upper
149 100
167 27.0 21.4 32.0
279 3.8 3.0 4.6

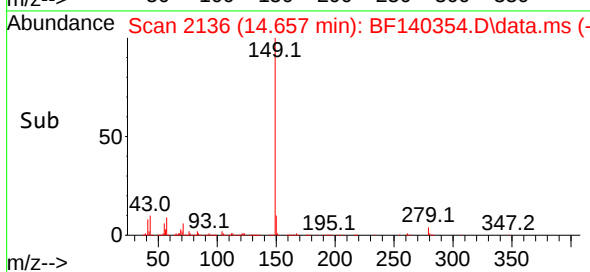
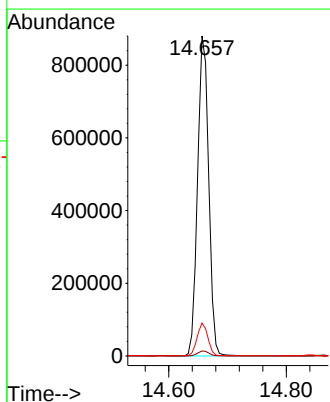
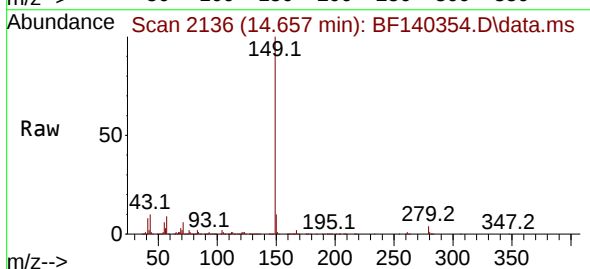
Manual Integrations
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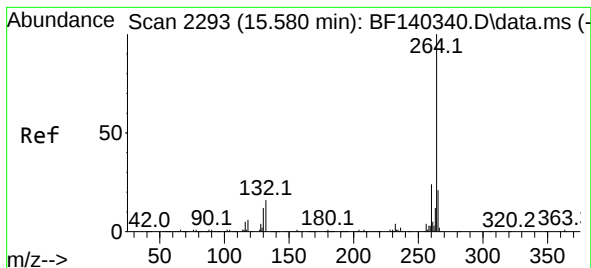
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#85
Di-n-octyl phthalate
Concen: 53.142 ng
RT: 14.657 min Scan# 2136
Delta R.T. -0.006 min
Lab File: BF140354.D
Acq: 14 Nov 2024 11:01

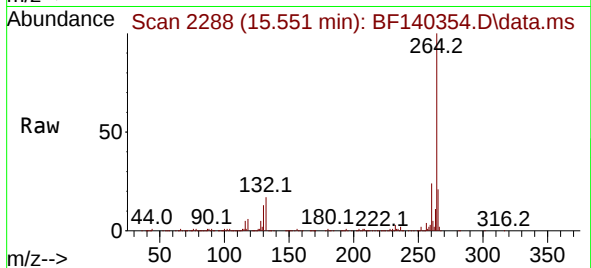
Tgt Ion:149 Resp: 1155238
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.0 8.0 12.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF140354.D
Acq: 14 Nov 2024 11:01

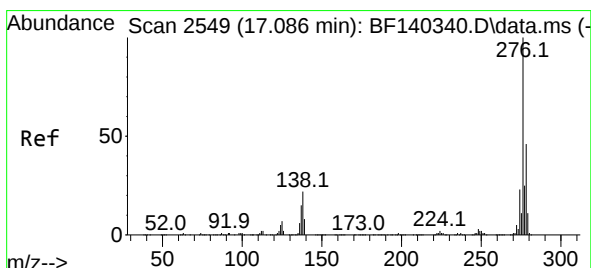
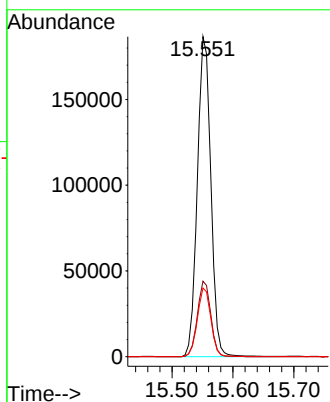
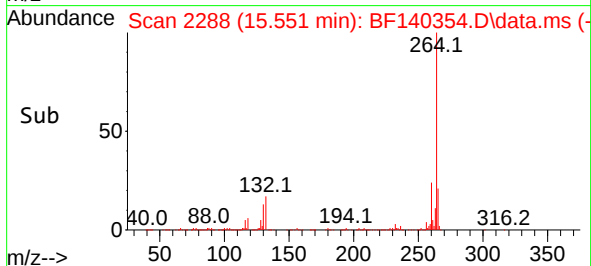
Instrument :
BNA_F
ClientSampleId :
PB164911BSD



Tgt Ion:264 Resp: 28664
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 21.5 17.1 25.7

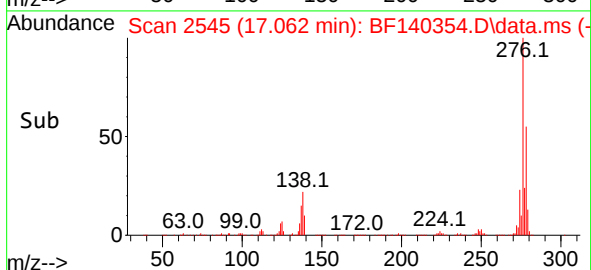
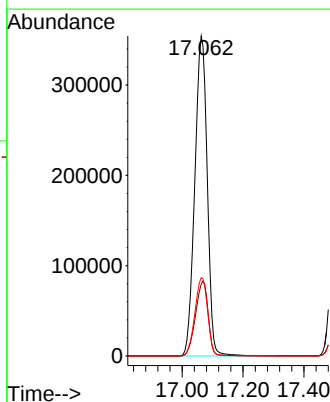
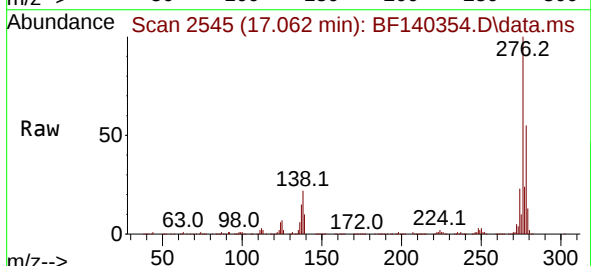
Manual Integrations
APPROVED

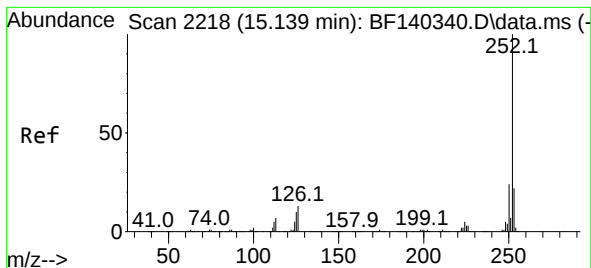
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#87
Indeno(1,2,3-cd)pyrene
Concen: 56.765 ng
RT: 17.062 min Scan# 2545
Delta R.T. 0.006 min
Lab File: BF140354.D
Acq: 14 Nov 2024 11:01

Tgt Ion:276 Resp: 1005122
Ion Ratio Lower Upper
276 100
138 23.8 18.8 28.2
277 25.1 20.2 30.2





#88

Benzo(b)fluoranthene

Concen: 50.778 ng

RT: 15.115 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF140354.D

Acq: 14 Nov 2024 11:01

Instrument :

BNA_F

ClientSampleId :

PB164911BSD

Tgt Ion:252 Resp: 952128

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

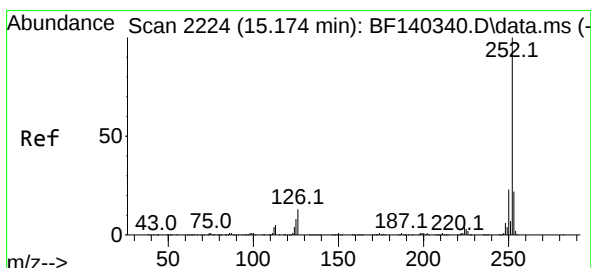
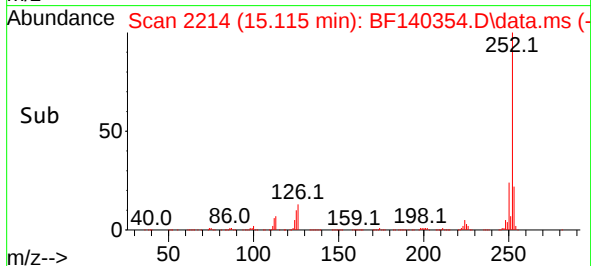
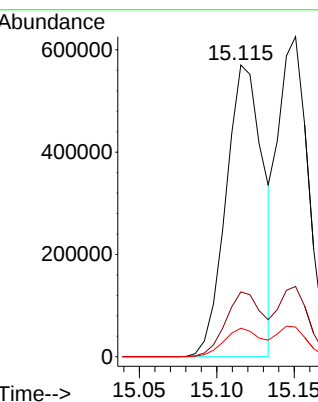
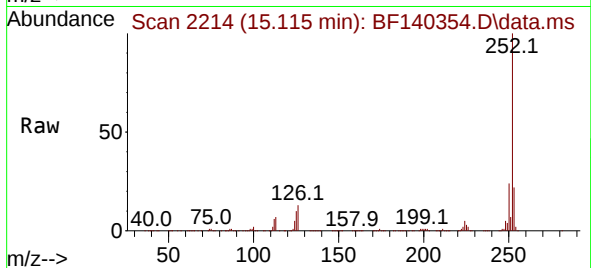
125 9.8 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/15/2024

Supervised By :mohammad ahmed 11/15/2024



#89

Benzo(k)fluoranthene

Concen: 55.402 ng

RT: 15.151 min Scan# 2220

Delta R.T. -0.000 min

Lab File: BF140354.D

Acq: 14 Nov 2024 11:01

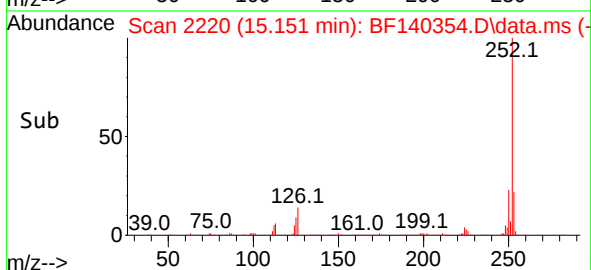
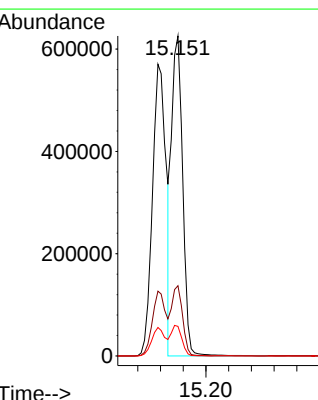
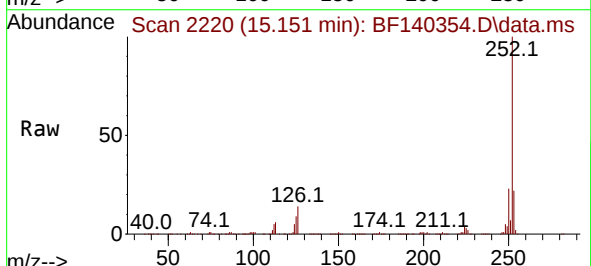
Tgt Ion:252 Resp: 848640

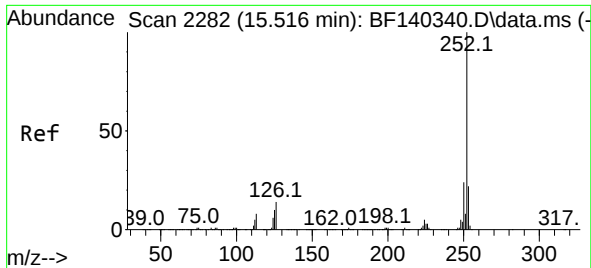
Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

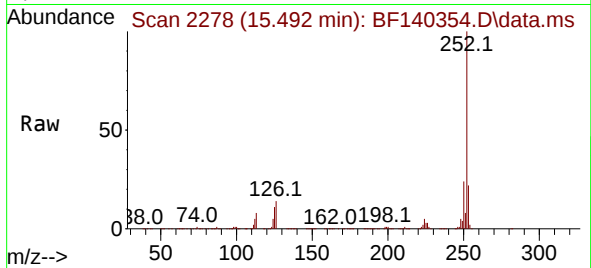
125 9.3 7.4 11.2





#90
Benzo(a)pyrene
Concen: 53.113 ng
RT: 15.492 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF140354.D
Acq: 14 Nov 2024 11:01

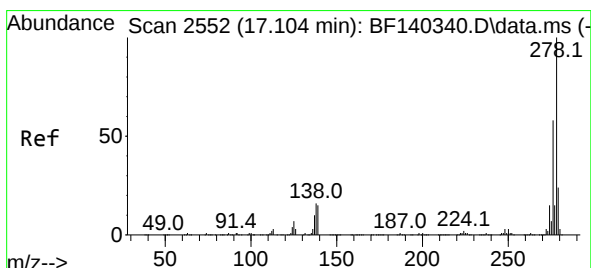
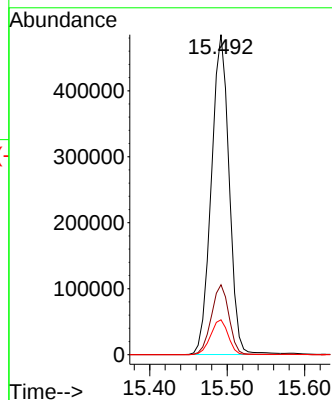
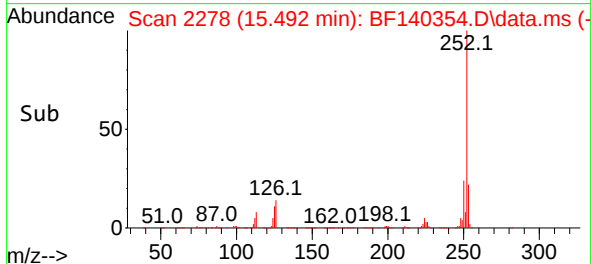
Instrument :
BNA_F
ClientSampleId :
PB164911BSD



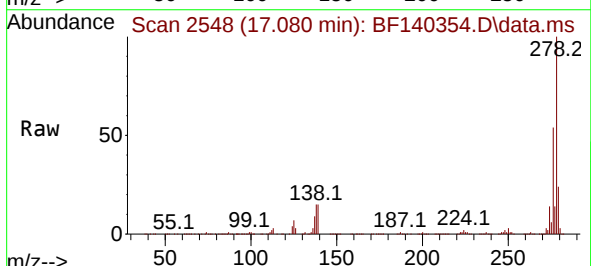
Tgt Ion:252 Resp: 77338
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.6
125 10.9 8.4 12.6

Manual Integrations
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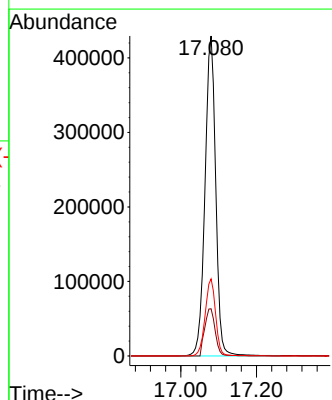
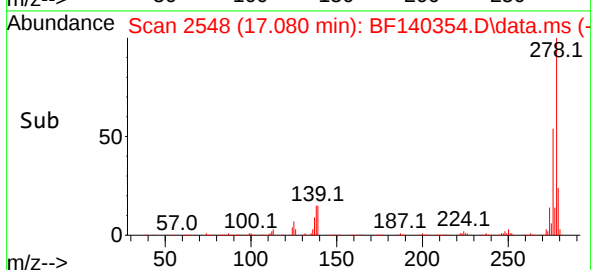
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024

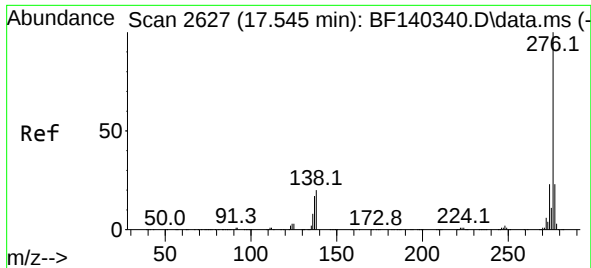


#91
Dibenzo(a,h)anthracene
Concen: 57.720 ng
RT: 17.080 min Scan# 2548
Delta R.T. 0.006 min
Lab File: BF140354.D
Acq: 14 Nov 2024 11:01



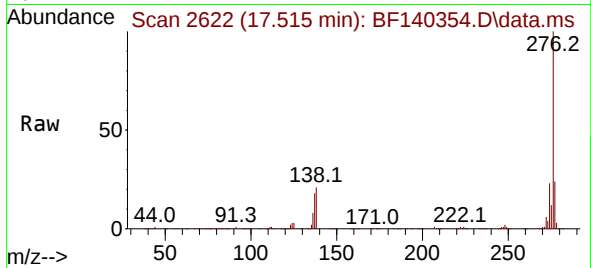
Tgt Ion:278 Resp: 844804
Ion Ratio Lower Upper
278 100
139 14.8 11.8 17.8
279 24.1 18.9 28.3





#92
 Benzo(g,h,i)perylene
 Concen: 54.630 ng
 RT: 17.515 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: BF140354.D
 Acq: 14 Nov 2024 11:01

Instrument :
 BNA_F
 ClientSampleId :
 PB164911BSD



Tgt Ion:276 Resp: 817430
 Ion Ratio Lower Upper
 276 100
 277 24.0 18.6 28.0
 138 20.8 16.0 24.0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/15/2024
 Supervised By :mohammad ahmed 11/15/2024

