

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
 Data File : BF132254.D
 Acq On : 01 Feb 2023 11:48
 Operator : CG\JU
 Sample : PB150575BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150575BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/02/2023
 Supervised By : Jagrut Upadhyay 02/02/2023

Quant Time: Feb 02 00:52:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 01 05:24:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.072	152	180055	20.000	ng	0.00
21) Naphthalene-d8	8.360	136	666172	20.000	ng	0.00
39) Acenaphthene-d10	10.125	164	332791	20.000	ng	0.00
64) Phenanthrene-d10	11.625	188	621047	20.000	ng	0.00
76) Chrysene-d12	14.289	240	425447	20.000	ng	0.00
86) Perylene-d12	15.871	264	439400	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.696	112	1078873	96.314	ng	0.01
7) Phenol-d6	6.684	99	1332455	96.484	ng	0.00
23) Nitrobenzene-d5	7.631	82	811491	67.786	ng	0.00
42) 2,4,6-Tribromophenol	10.919	330	355239	103.801	ng	0.00
45) 2-Fluorobiphenyl	9.437	172	1388447	64.428	ng	0.00
79) Terphenyl-d14	13.213	244	1474072	67.023	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.043	88	219724	41.687	ng	99
3) Pyridine	3.790	79	527861	36.916	ng	97
4) n-Nitrosodimethylamine	3.749	42	189551	41.428	ng	98
6) Aniline	6.731	93	610054m	32.553	ng	
8) 2-Chlorophenol	6.854	128	514435	44.342	ng	100
9) Benzaldehyde	6.619	77	352502	49.713	ng	95
10) Phenol	6.701	94	623179	43.597	ng	95
11) bis(2-Chloroethyl)ether	6.801	93	513206	43.625	ng	98
12) 1,3-Dichlorobenzene	7.013	146	565264	46.067	ng	99
13) 1,4-Dichlorobenzene	7.090	146	566211	46.228	ng	99
14) 1,2-Dichlorobenzene	7.243	146	527206	46.154	ng	99
15) Benzyl Alcohol	7.207	79	432094	42.880	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.337	45	527197	42.535	ng	99
17) 2-Methylphenol	7.307	107	420398	41.396	ng	99
18) Hexachloroethane	7.584	117	213399	46.443	ng	94
19) n-Nitroso-di-n-propyla...	7.478	70	307862	39.246	ng	98
20) 3+4-Methylphenols	7.460	107	537484	41.466	ng	97
22) Acetophenone	7.478	105	676557	43.185	ng	99
24) Nitrobenzene	7.654	77	516204	42.208	ng	97
25) Isophorone	7.890	82	962350	42.354	ng	100
26) 2-Nitrophenol	7.966	139	281155	47.196	ng	99
27) 2,4-Dimethylphenol	7.996	122	475484	45.601	ng	99
28) bis(2-Chloroethoxy)met...	8.095	93	596606	42.727	ng	99
29) 2,4-Dichlorophenol	8.207	162	412298	44.537	ng	98
30) 1,2,4-Trichlorobenzene	8.295	180	452547	45.650	ng	98
31) Naphthalene	8.384	128	1413865	43.117	ng	100
32) Benzoic acid	8.101	122	355724	46.089	ng	96
33) 4-Chloroaniline	8.419	127	240482	16.539	ng	99
34) Hexachlorobutadiene	8.495	225	251412	45.112	ng	100
35) Caprolactam	8.795	113	146115m	46.297	ng	
36) 4-Chloro-3-methylphenol	8.895	107	443223	44.441	ng	98
37) 2-Methylnaphthalene	9.072	142	928234	41.791	ng	99
38) 1-Methylnaphthalene	9.172	142	863344	41.826	ng	99
40) 1,2,4,5-Tetrachloroben...	9.242	216	406750	43.432	ng	99
41) Hexachlorocyclopentadiene	9.225	237	556495	101.849	ng	99
43) 2,4,6-Trichlorophenol	9.348	196	297214	44.397	ng	100

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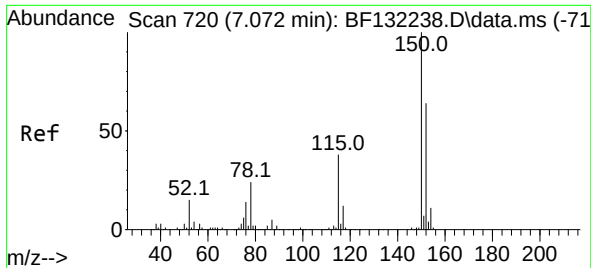
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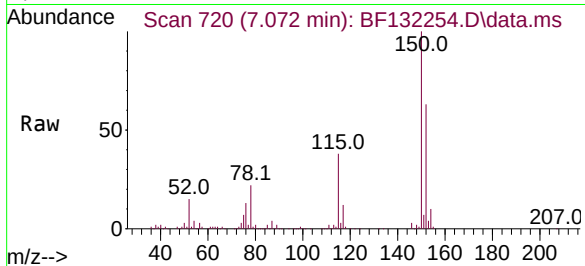
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.384	196	316057	41.018	ng	98
46) 1,1'-Biphenyl	9.537	154	1108344	43.200	ng	99
47) 2-Chloronaphthalene	9.566	162	862716	44.149	ng	99
48) 2-Nitroaniline	9.660	65	244904	42.140	ng	84
49) Acenaphthylene	9.989	152	1365362	42.812	ng	99
50) Dimethylphthalate	9.837	163	990867	42.565	ng	99
51) 2,6-Dinitrotoluene	9.895	165	232807	44.779	ng	98
52) Acenaphthene	10.160	154	934923	46.824	ng	99
53) 3-Nitroaniline	10.066	138	177371	28.132	ng	97
54) 2,4-Dinitrophenol	10.172	184	259593	85.805	ng	95
55) Dibenzofuran	10.331	168	1182595	42.155	ng	99
56) 4-Nitrophenol	10.219	139	425995	89.787	ng	90
57) 2,4-Dinitrotoluene	10.307	165	310219	45.934	ng	89
58) Fluorene	10.678	166	908054	42.058	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.442	232	253363	45.104	ng	99
60) Diethylphthalate	10.537	149	998078	43.098	ng	99
61) 4-Chlorophenyl-phenylether	10.666	204	431274	42.091	ng	99
62) 4-Nitroaniline	10.689	138	251334	41.570	ng	97
63) Azobenzene	10.825	77	932929	41.358	ng	99
65) 4,6-Dinitro-2-methylph...	10.713	198	165497	46.952	ng	99
66) n-Nitrosodiphenylamine	10.784	169	812408	41.775	ng	100
67) 4-Bromophenyl-phenylether	11.160	248	271136	42.635	ng	99
68) Hexachlorobenzene	11.225	284	308921	45.448	ng	99
69) Atrazine	11.307	200	270953	48.439	ng	97
70) Pentachlorophenol	11.419	266	358437	76.748	ng	100
71) Phenanthrene	11.648	178	1380523	42.539	ng	100
72) Anthracene	11.701	178	1399063	42.361	ng	99
73) Carbazole	11.854	167	1272808	42.980	ng	100
74) Di-n-butylphthalate	12.172	149	1489474	42.544	ng	99
75) Fluoranthene	12.848	202	1407867	42.511	ng	99
77) Benzidine	12.960	184	750852	50.481	ng	100
78) Pyrene	13.078	202	1440380	42.093	ng	99
80) Butylbenzylphthalate	13.689	149	663584	43.892	ng	99
81) Benzo(a)anthracene	14.277	228	1290062	43.354	ng	99
82) 3,3'-Dichlorobenzidine	14.230	252	273737	28.883	ng	99
83) Chrysene	14.313	228	1204246	43.220	ng	100
84) Bis(2-ethylhexyl)phtha...	14.242	149	898167	43.952	ng	100
85) Di-n-octyl phthalate	14.883	149	1509686	45.294	ng	99
87) Indeno(1,2,3-cd)pyrene	17.524	276	1283038	43.945	ng	99
88) Benzo(b)fluoranthene	15.395	252	1287826	46.109	ng	100
89) Benzo(k)fluoranthene	15.430	252	1179562	44.244	ng	100
90) Benzo(a)pyrene	15.807	252	1085370	41.731	ng	100
91) Dibenzo(a,h)anthracene	17.548	278	1036668	44.163	ng	99
92) Benzo(g,h,i)perylene	18.036	276	1042807	43.001	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.072 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132254.D
Acq: 01 Feb 2023 11:48

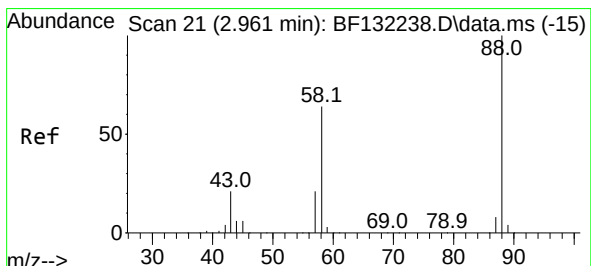
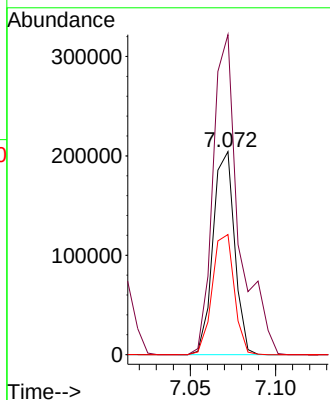
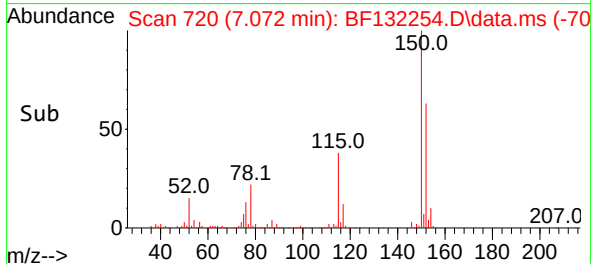
Instrument :
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ClientSampleId :
PB150575BS



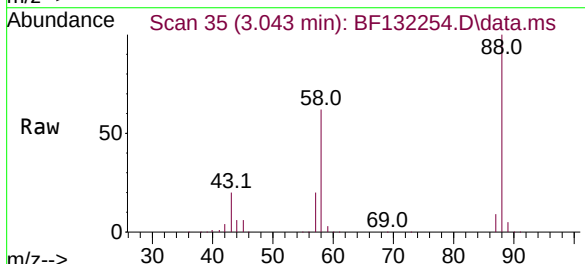
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Ion Ratio Lower Upper
152 100
150 157.7 124.2 186.2
115 59.2 47.3 70.9

Manual Integrations
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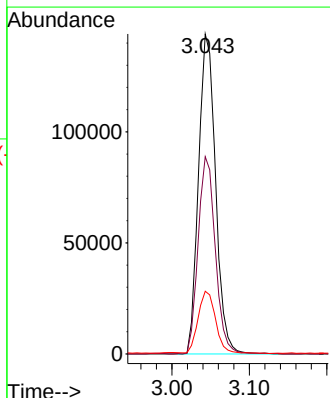
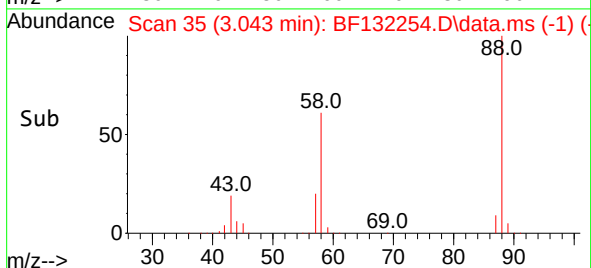
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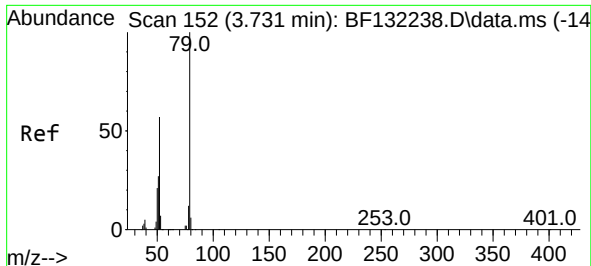


#2
1,4-Dioxane
Concen: 41.687 ng
RT: 3.043 min Scan# 35
Delta R.T. 0.082 min
Lab File: BF132254.D
Acq: 01 Feb 2023 11:48



Tgt Ion: 88 Resp: 219724
Ion Ratio Lower Upper
88 100
58 62.3 50.2 75.2
43 20.0 16.9 25.3





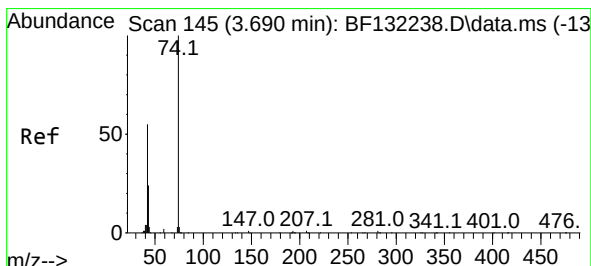
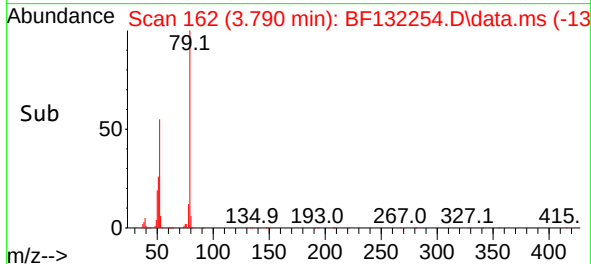
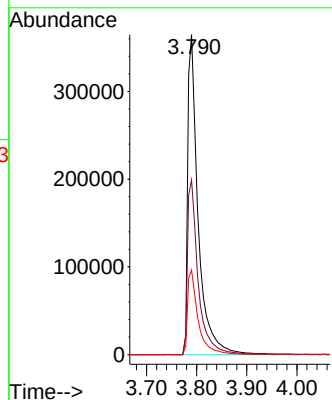
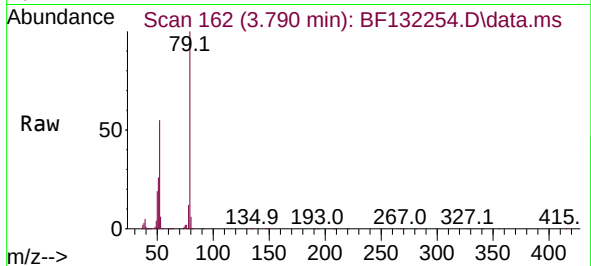
#3
 Pyridine
 Concen: 36.916 ng
 RT: 3.790 min Scan# 10
 Delta R.T. 0.059 min
 Lab File: BF132254.D
 Acq: 01 Feb 2023 11:48

Instrument :
 BNA_F
 ClientSampleId :
 PB150575BS

Tgt Ion: 79 Resp: 52786
 Ion Ratio Lower Upper
 79 100
 52 54.6 45.6 68.4
 51 26.4 21.5 32.3

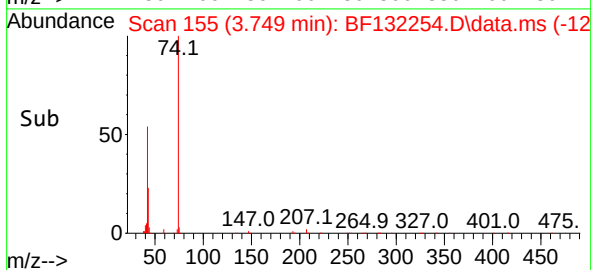
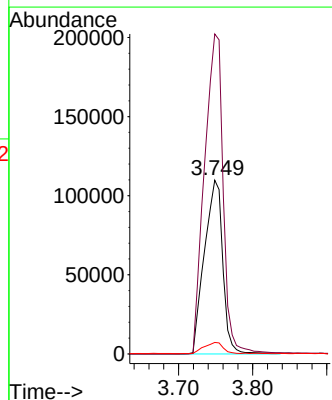
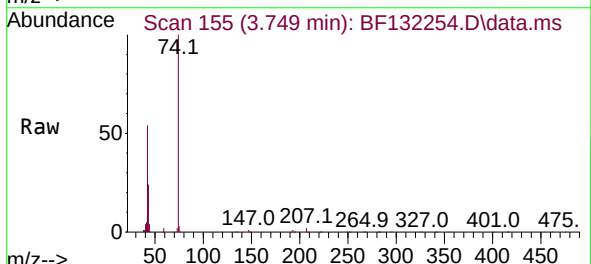
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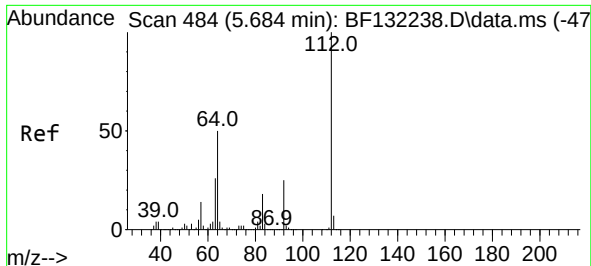
Reviewed By :Christian Giraldo 02/02/2023
 Supervised By :Jagrut Upadhyay 02/02/2023



#4
 n-Nitrosodimethylamine
 Concen: 41.428 ng
 RT: 3.749 min Scan# 155
 Delta R.T. 0.059 min
 Lab File: BF132254.D
 Acq: 01 Feb 2023 11:48

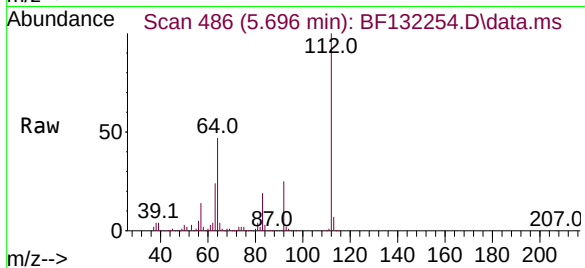
Tgt Ion: 42 Resp: 189551
 Ion Ratio Lower Upper
 42 100
 74 184.2 144.6 217.0
 44 6.6 5.1 7.7





#5
2-Fluorophenol
Concen: 96.314 ng
RT: 5.696 min Scan# 484
Delta R.T. 0.012 min
Lab File: BF132254.D
Acq: 01 Feb 2023 11:48

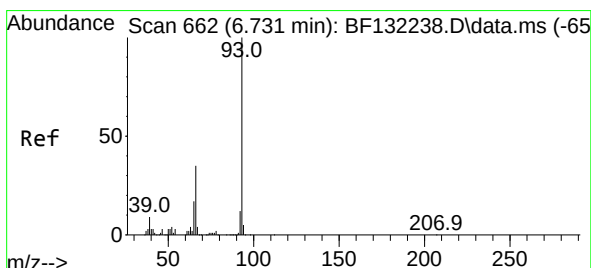
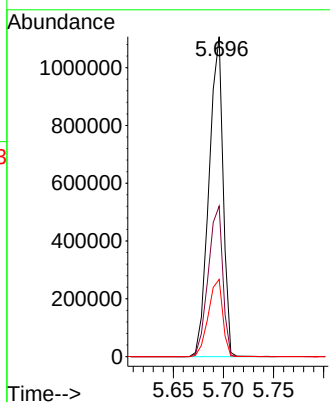
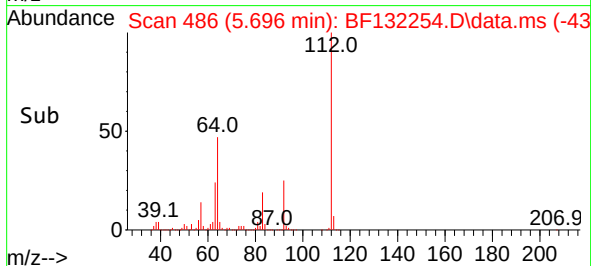
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 112 Resp: 1078873
Ion Ratio Lower Upper
112 100
64 47.0 40.0 60.0
63 24.1 20.5 30.7

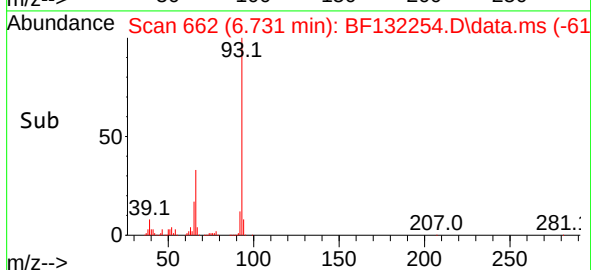
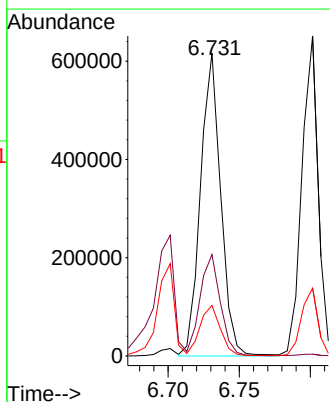
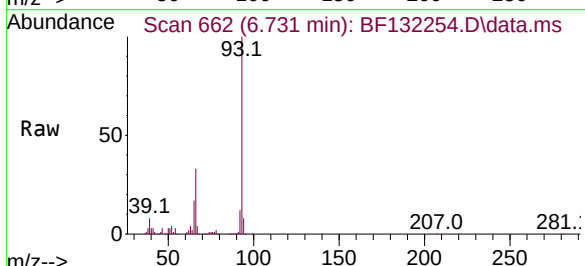
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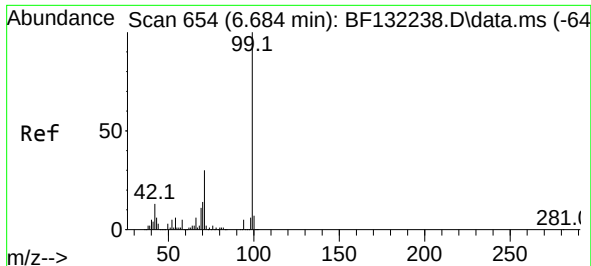
Reviewed By :Christian Giraldo 02/02/2023
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#6
Aniline
Concen: 32.553 ng m
RT: 6.731 min Scan# 662
Delta R.T. 0.000 min
Lab File: BF132254.D
Acq: 01 Feb 2023 11:48

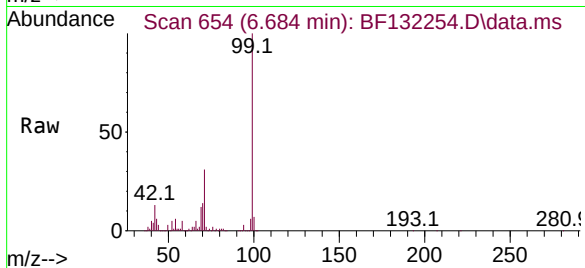
Tgt Ion: 93 Resp: 610054
Ion Ratio Lower Upper
93 100
66 33.5 28.8 43.2
65 16.7 14.2 21.4





#7
Phenol-d6
Concen: 96.484 ng
RT: 6.684 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132254.D
Acq: 01 Feb 2023 11:48

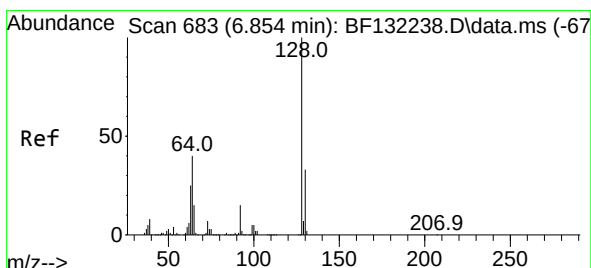
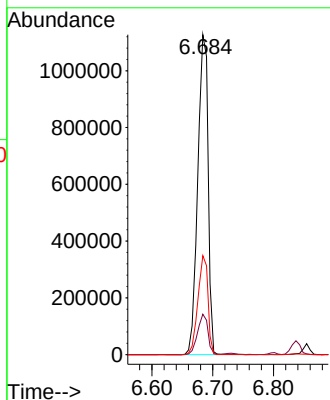
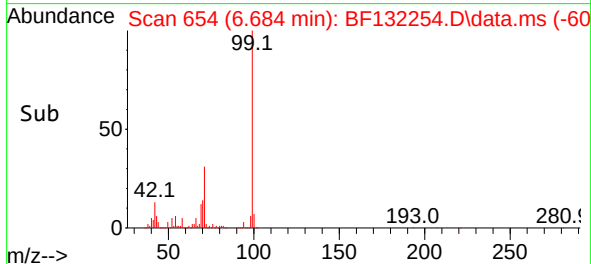
Instrument :
BNA_F
ClientSampleId :
PB150575BS



Tgt Ion: 99 Resp: 133245
Ion Ratio Lower Upper
99 100
42 12.7 10.1 15.1
71 30.9 24.2 36.4

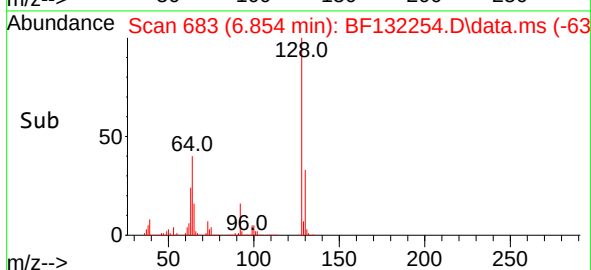
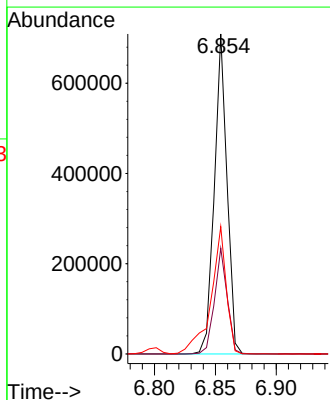
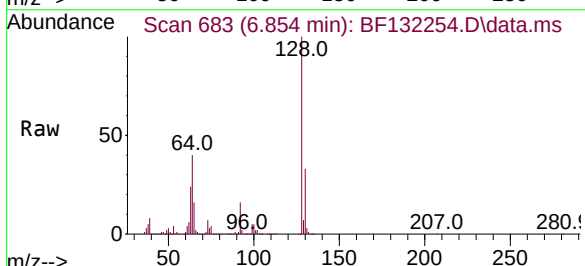
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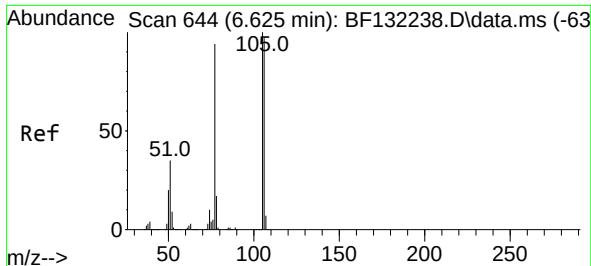
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Supervised By :Jagrut Upadhyay 02/02/2023



#8
2-Chlorophenol
Concen: 44.342 ng
RT: 6.854 min Scan# 683
Delta R.T. 0.000 min
Lab File: BF132254.D
Acq: 01 Feb 2023 11:48

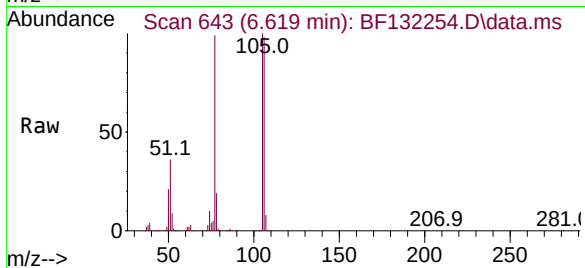
Tgt Ion:128 Resp: 514435
Ion Ratio Lower Upper
128 100
130 33.0 13.3 53.3
64 39.8 20.1 60.1





#9
Benzaldehyde
Concen: 49.713 ng
RT: 6.619 min Scan# 644
Delta R.T. -0.006 min
Lab File: BF132254.D
Acq: 01 Feb 2023 11:48

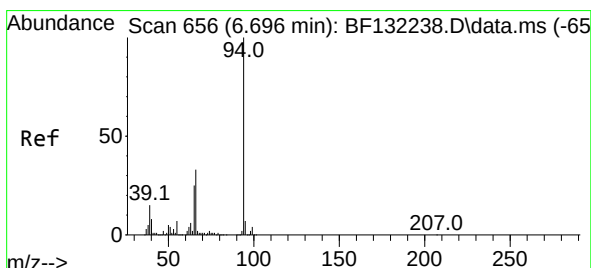
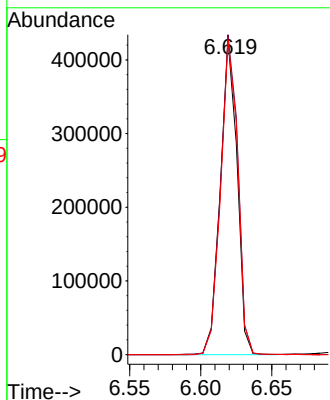
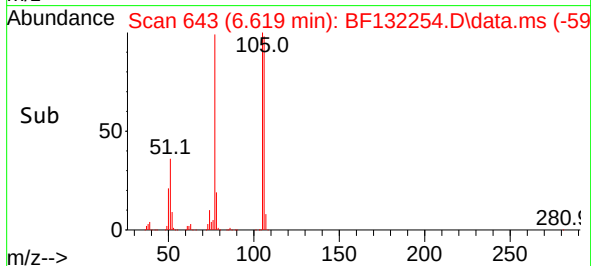
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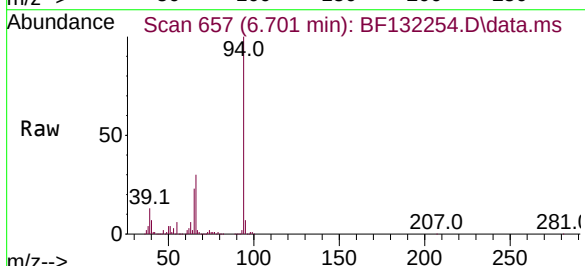
Tgt Ion: 77 Resp: 352502
Ion Ratio Lower Upper
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Manual Integrations
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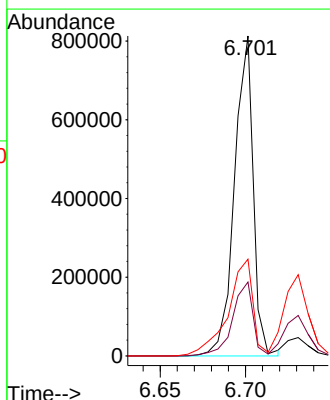
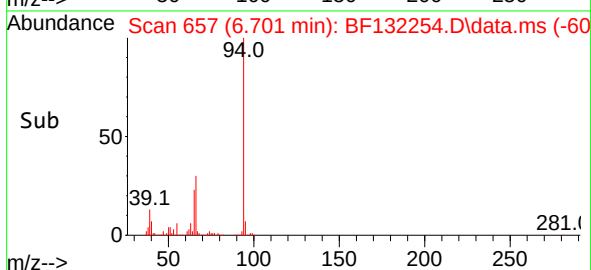
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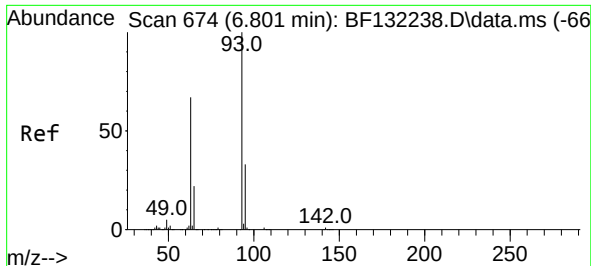


#10
Phenol
Concen: 43.597 ng
RT: 6.701 min Scan# 657
Delta R.T. 0.006 min
Lab File: BF132254.D
Acq: 01 Feb 2023 11:48



Tgt Ion: 94 Resp: 623179
Ion Ratio Lower Upper
94 100
65 23.1 5.1 45.1
66 30.2 13.0 53.0





#11
bis(2-Chloroethyl)ether
Concen: 43.625 ng
RT: 6.801 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132254.D
Acq: 01 Feb 2023 11:48

Instrument :

BNA_F

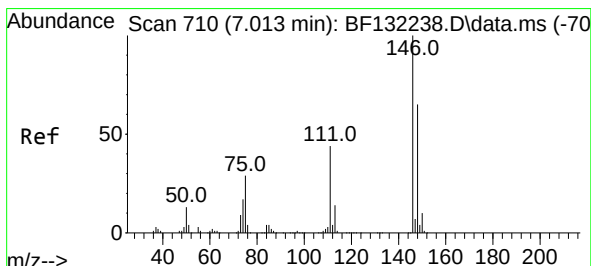
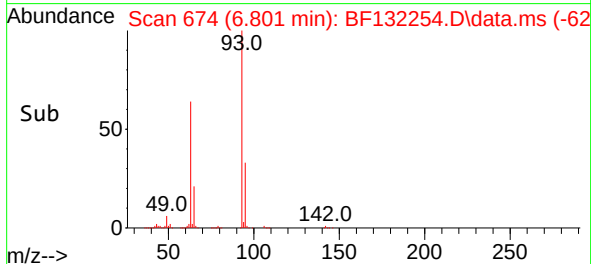
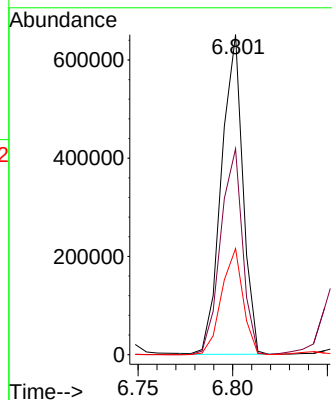
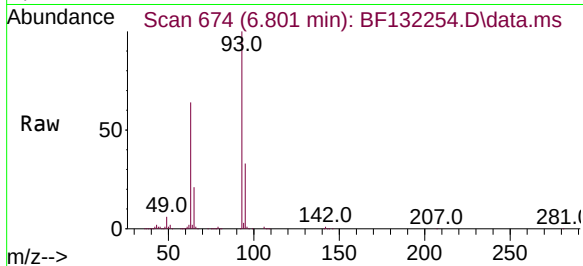
ClientSampleId :

PB150575BS

Tgt Ion: 93 Resp: 513206
Ion Ratio Lower Upper
93 100
63 64.3 46.7 86.7
95 33.1 13.4 53.4

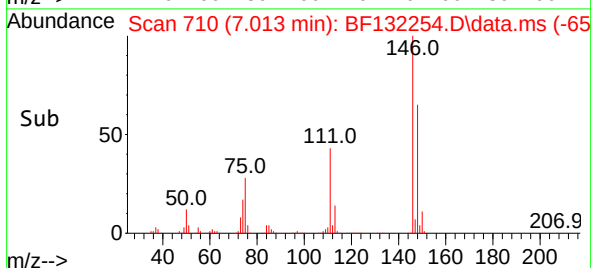
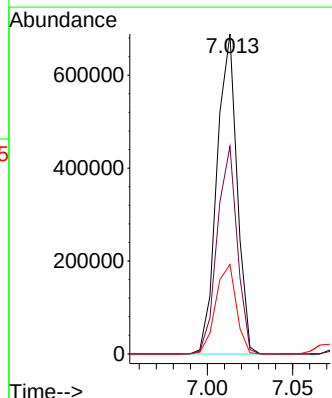
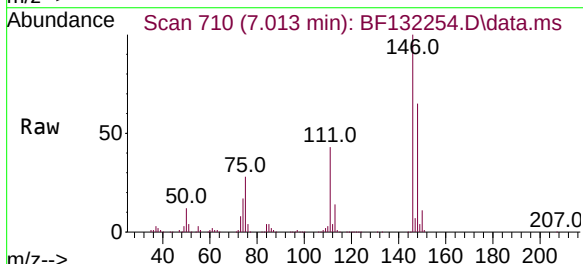
Manual Integrations
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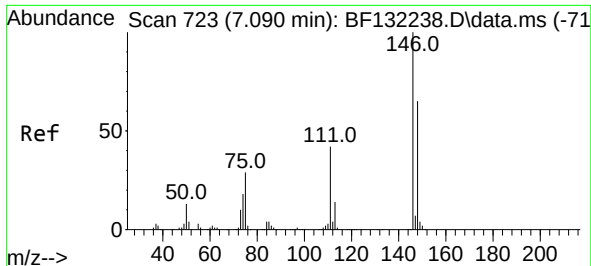
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#12
1,3-Dichlorobenzene
Concen: 46.067 ng
RT: 7.013 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF132254.D
Acq: 01 Feb 2023 11:48

Tgt Ion:146 Resp: 565264
Ion Ratio Lower Upper
146 100
148 64.9 51.8 77.8
75 28.0 23.5 35.3





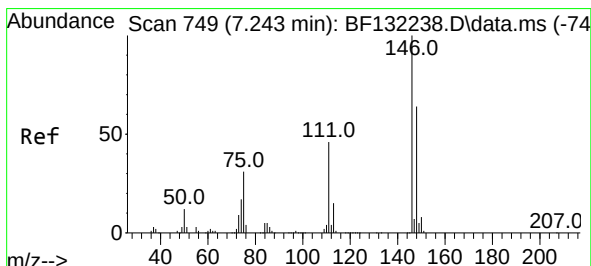
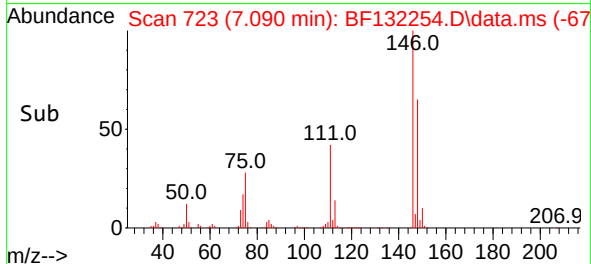
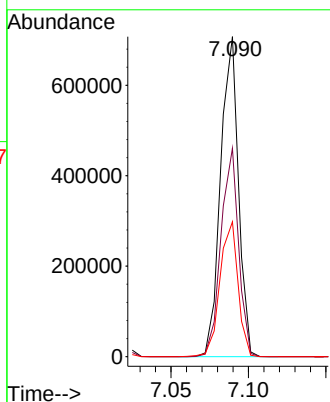
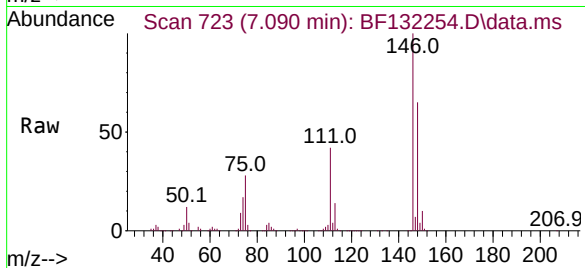
#13
1,4-Dichlorobenzene
Concen: 46.228 ng
RT: 7.090 min Scan# 723
Delta R.T. 0.000 min
Lab File: BF132254.D
Acq: 01 Feb 2023 11:48

Instrument :
BNA_F
ClientSampleId :
PB150575BS

Tgt Ion:146 Resp: 566211
Ion Ratio Lower Upper
146 100
148 65.1 52.4 78.6
111 42.1 34.0 51.0

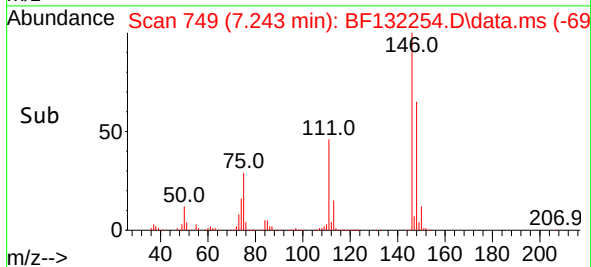
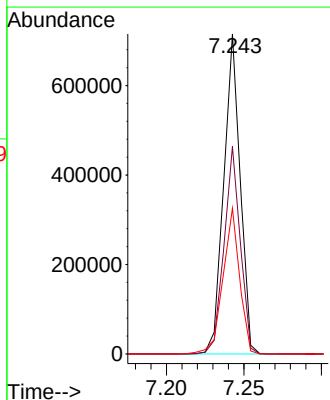
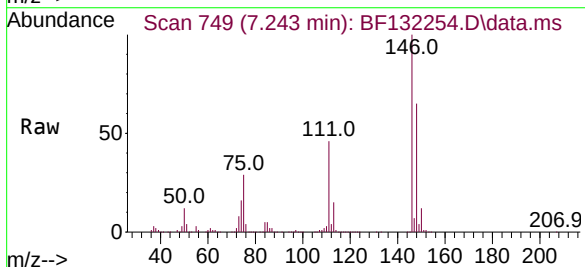
Manual Integrations
APPROVED

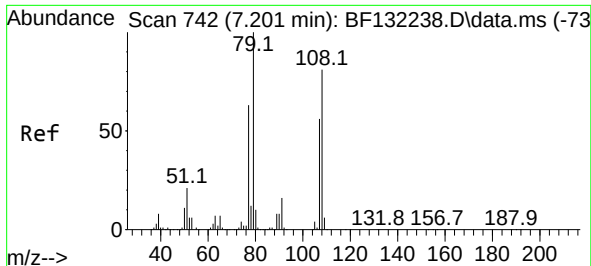
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#14
1,2-Dichlorobenzene
Concen: 46.154 ng
RT: 7.243 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF132254.D
Acq: 01 Feb 2023 11:48

Tgt Ion:146 Resp: 527206
Ion Ratio Lower Upper
146 100
148 64.8 51.4 77.0
111 45.6 37.1 55.7





#15

Benzyl Alcohol

Concen: 42.880 ng

RT: 7.207 min Scan# 742

Delta R.T. 0.006 min

Lab File: BF132254.D

Acq: 01 Feb 2023 11:48

Instrument :

BNA_F

ClientSampleId :

PB150575BS

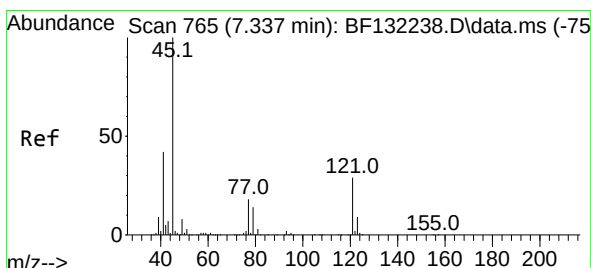
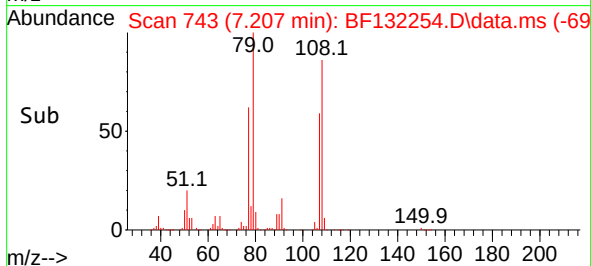
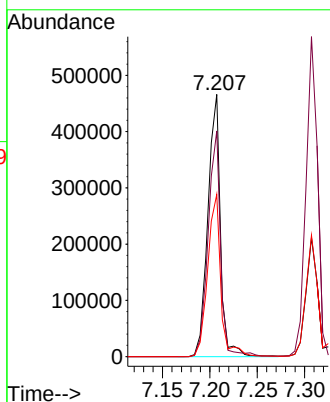
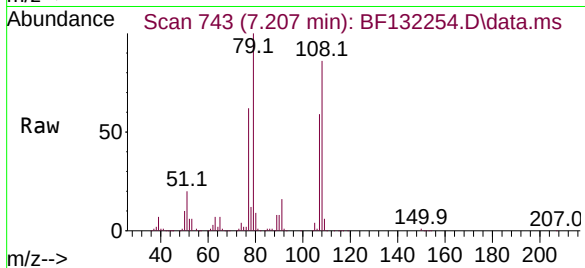
Tgt Ion: 79 Resp: 432094

Ion	Ratio	Lower	Upper
79	100		
108	86.1	64.6	97.0
77	61.9	50.1	75.1

Manual Integrations

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Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.535 ng

RT: 7.337 min Scan# 765

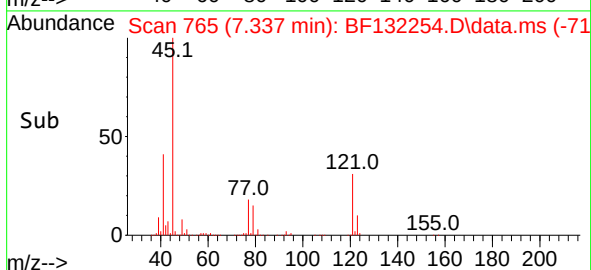
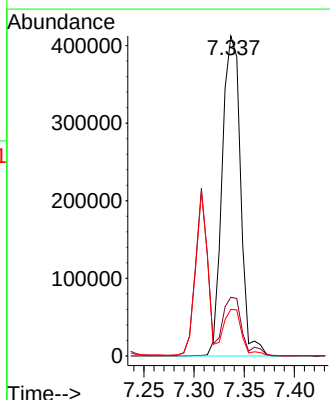
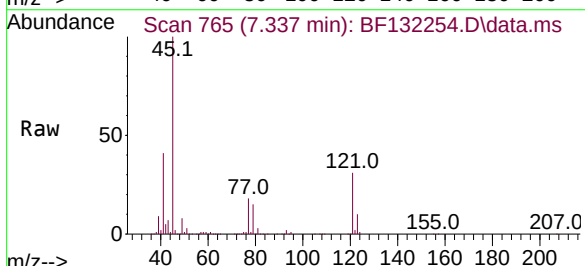
Delta R.T. 0.000 min

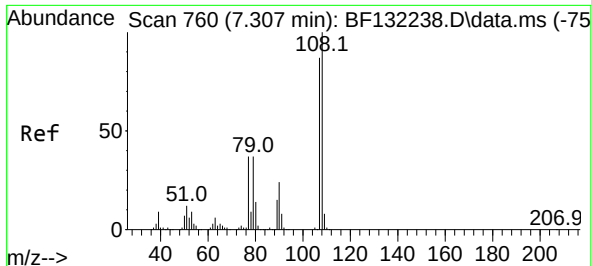
Lab File: BF132254.D

Acq: 01 Feb 2023 11:48

Tgt Ion: 45 Resp: 527197

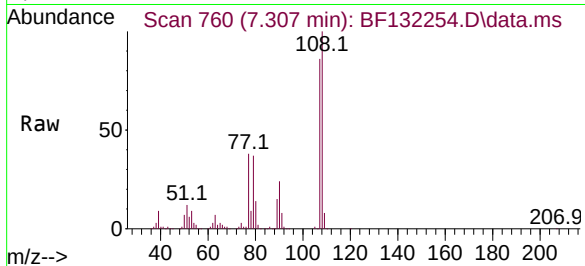
Ion	Ratio	Lower	Upper
45	100		
77	18.4	0.0	38.0
79	14.5	0.0	33.8





#17
2-Methylphenol
Concen: 41.396 ng
RT: 7.307 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF132254.D
Acq: 01 Feb 2023 11:48

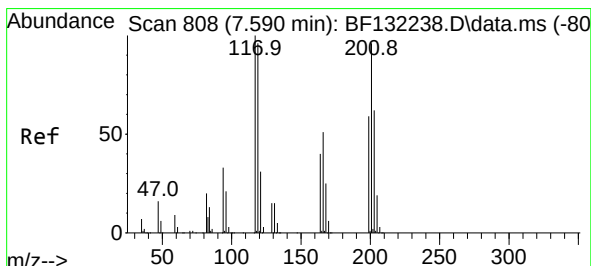
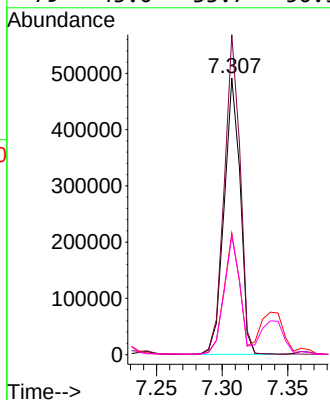
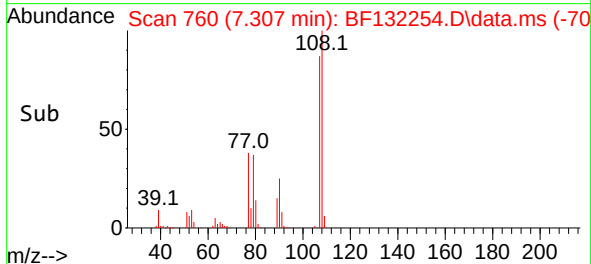
Instrument :
BNA_F
ClientSampleId :
PB150575BS



Tgt Ion:107 Resp: 420398
Ion Ratio Lower Upper
107 100
108 115.7 91.8 137.6
77 43.9 34.2 51.2
79 43.0 33.7 50.5

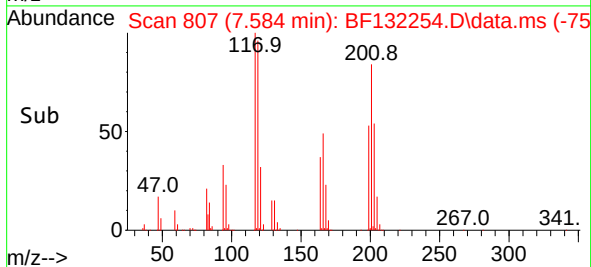
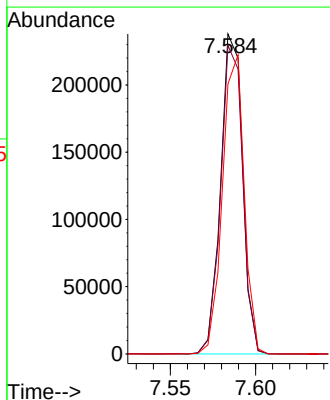
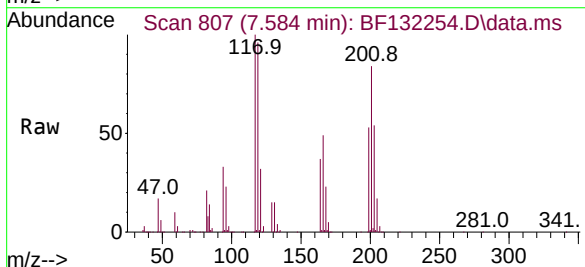
Manual Integrations
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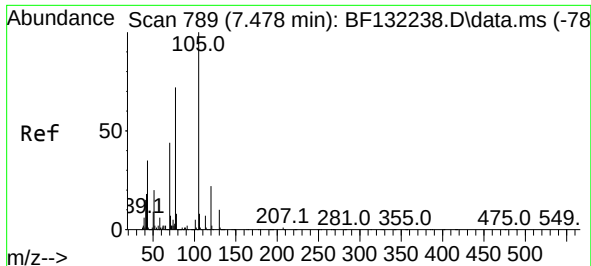
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#18
Hexachloroethane
Concen: 46.443 ng
RT: 7.584 min Scan# 807
Delta R.T. -0.006 min
Lab File: BF132254.D
Acq: 01 Feb 2023 11:48

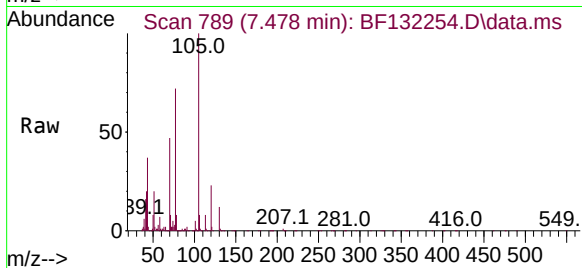
Tgt Ion:117 Resp: 213399
Ion Ratio Lower Upper
117 100
119 96.4 76.7 115.1
201 84.4 76.6 114.8





#19
n-Nitroso-di-n-propylamine
Concen: 39.246 ng
RT: 7.478 min Scan# 789
Delta R.T. 0.000 min
Lab File: BF132254.D
Acq: 01 Feb 2023 11:48

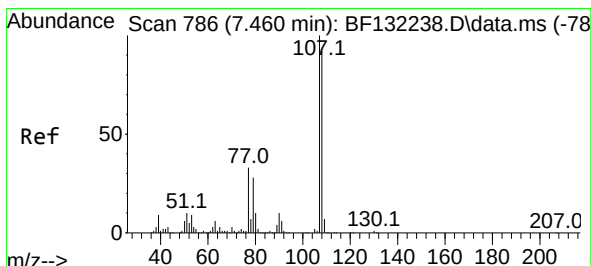
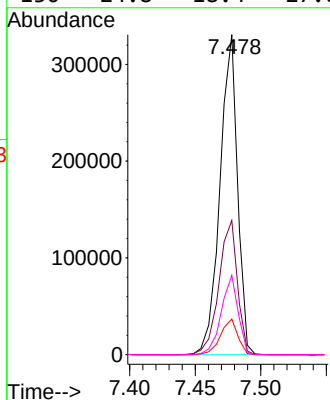
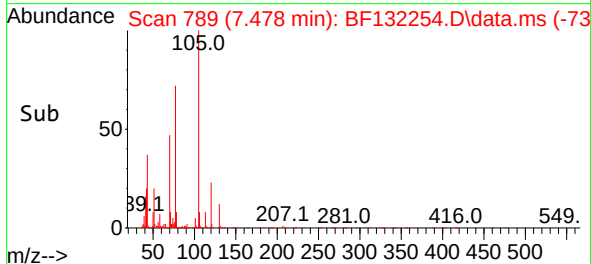
Instrument :
BNA_F
ClientSampleId :
PB150575BS



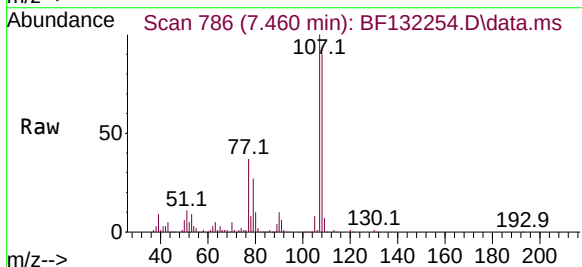
Tgt Ion: 70 Resp: 307862
Ion Ratio Lower Upper
70 100
42 41.9 33.4 50.0
101 11.1 8.2 12.4
130 24.8 18.4 27.6

Manual Integrations
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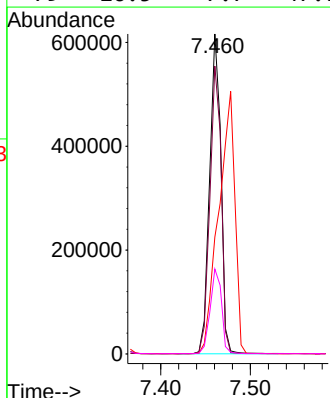
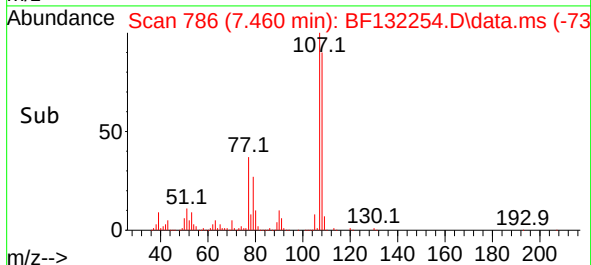
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

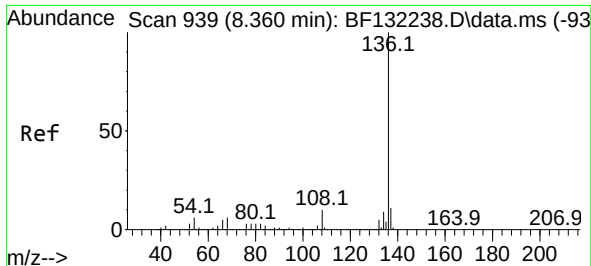


#20
3+4-Methylphenols
Concen: 41.466 ng
RT: 7.460 min Scan# 786
Delta R.T. 0.000 min
Lab File: BF132254.D
Acq: 01 Feb 2023 11:48



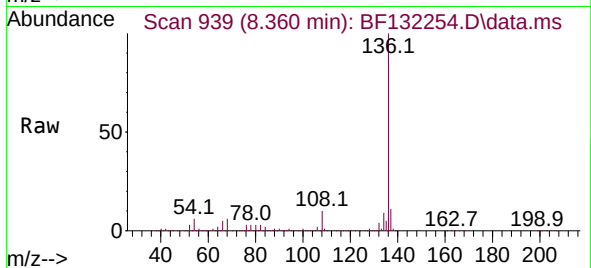
Tgt Ion:107 Resp: 537484
Ion Ratio Lower Upper
107 100
108 89.9 71.6 111.6
77 36.5 13.4 53.4
79 26.5 7.7 47.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.360 min Scan# 939
Delta R.T. 0.000 min
Lab File: BF132254.D
Acq: 01 Feb 2023 11:48

Instrument :
BNA_F
ClientSampleId :
PB150575BS

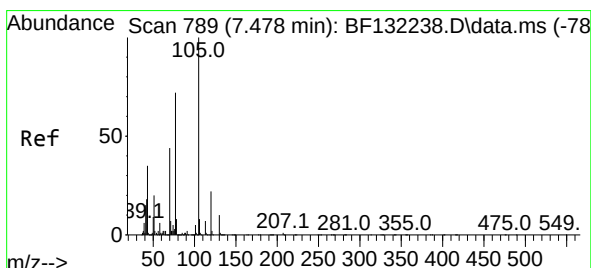
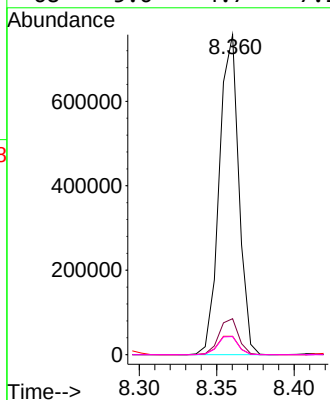
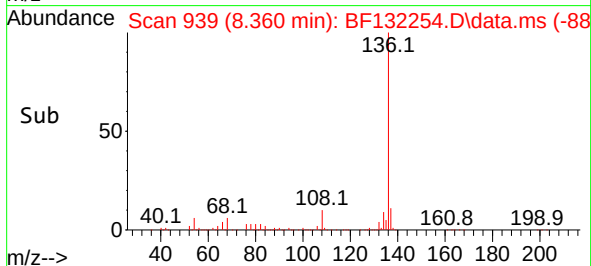


Tgt Ion:136 Resp: 666172

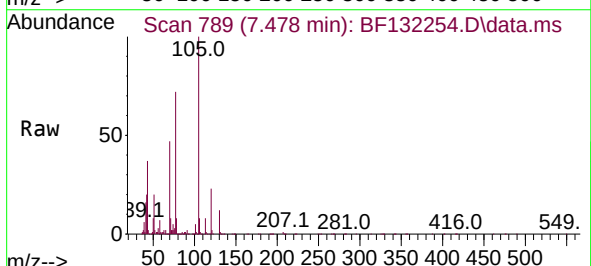
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	5.7	4.9	7.3
68	5.6	4.7	7.1

Manual Integrations
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Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

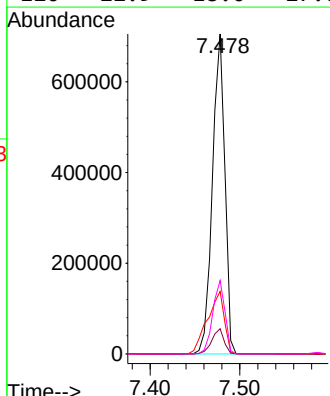
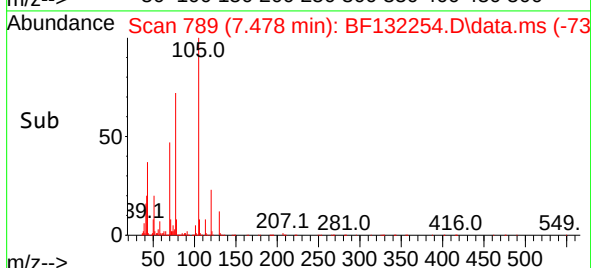


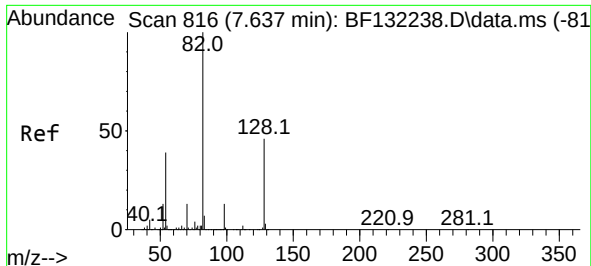
#22
Acetophenone
Concen: 43.185 ng
RT: 7.478 min Scan# 789
Delta R.T. 0.000 min
Lab File: BF132254.D
Acq: 01 Feb 2023 11:48



Tgt Ion:105 Resp: 676557

Ion	Ratio	Lower	Upper
105	100		
71	7.9	5.8	8.6
51	19.5	16.2	24.2
120	22.9	18.0	27.0





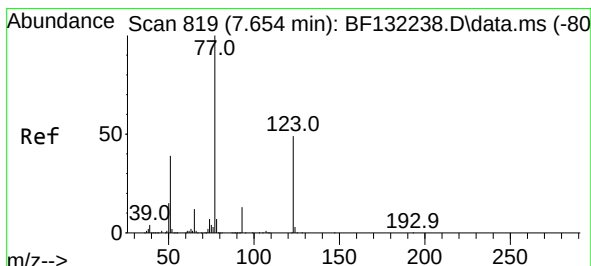
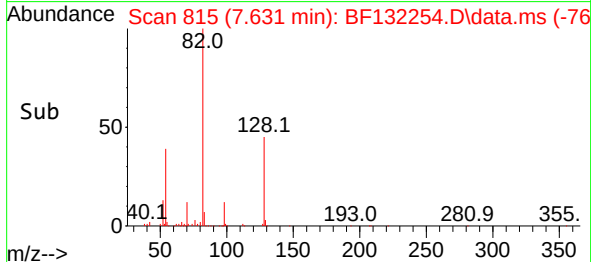
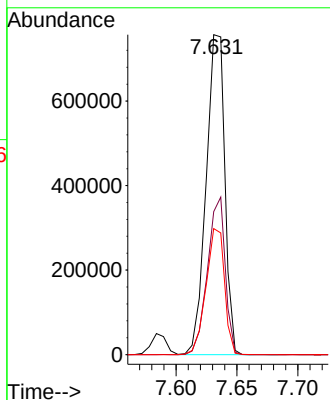
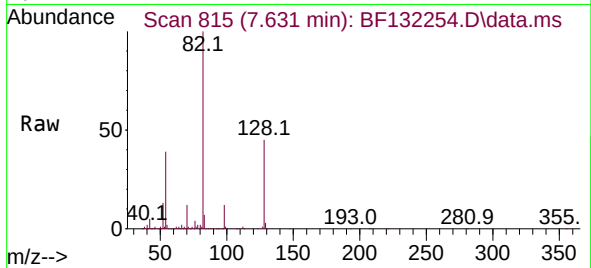
#23
Nitrobenzene-d5
Concen: 67.786 ng
RT: 7.631 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF132254.D
Acq: 01 Feb 2023 11:48

Instrument :
BNA_F
ClientSampleId :
PB150575BS

Tgt Ion: 82 Resp: 811491
Ion Ratio Lower Upper
82 100
128 44.7 37.0 55.4
54 39.4 31.5 47.3

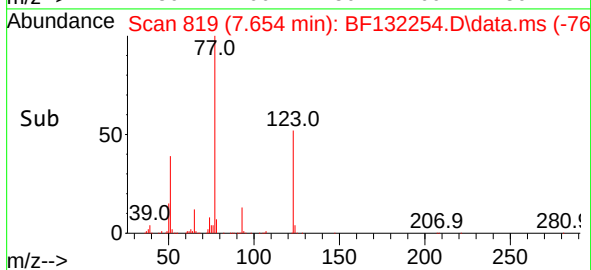
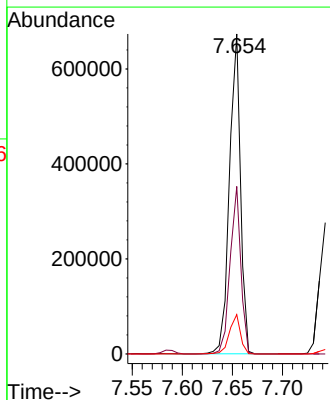
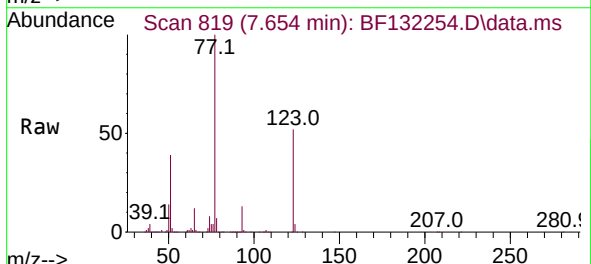
Manual Integrations
APPROVED

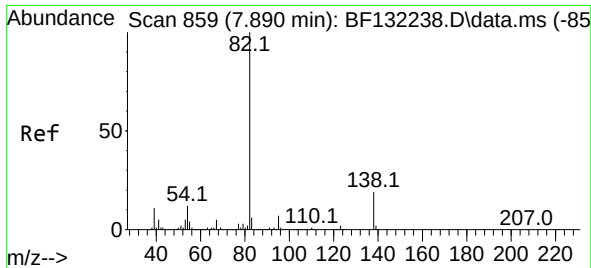
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#24
Nitrobenzene
Concen: 42.208 ng
RT: 7.654 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF132254.D
Acq: 01 Feb 2023 11:48

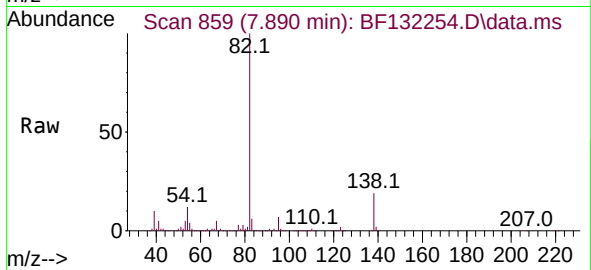
Tgt Ion: 77 Resp: 516204
Ion Ratio Lower Upper
77 100
123 52.3 39.5 59.3
65 12.3 9.8 14.8





#25
Isophorone
Concen: 42.354 ng
RT: 7.890 min Scan# 859
Delta R.T. 0.000 min
Lab File: BF132254.D
Acq: 01 Feb 2023 11:48

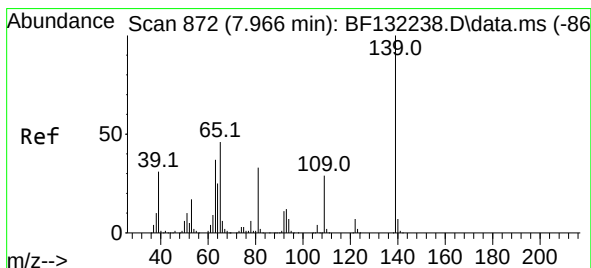
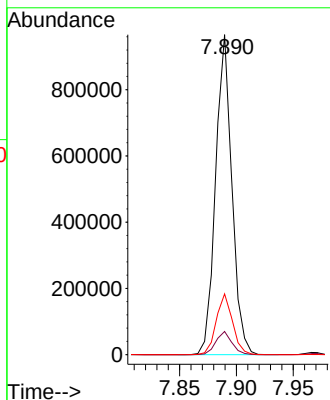
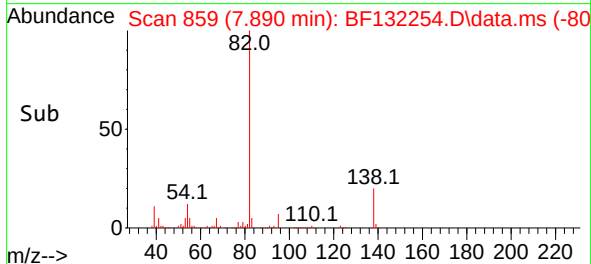
Instrument :
BNA_F
ClientSampleId :
PB150575BS



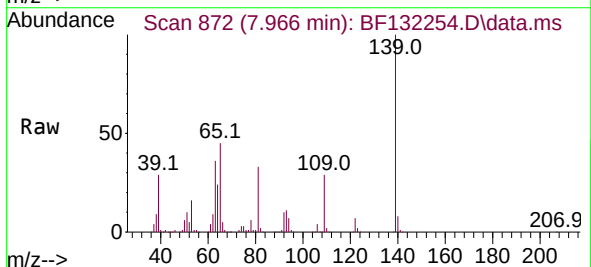
Tgt Ion: 82 Resp: 962350
Ion Ratio Lower Upper
82 100
95 7.3 5.6 8.4
138 19.0 15.0 22.6

Manual Integrations
APPROVED

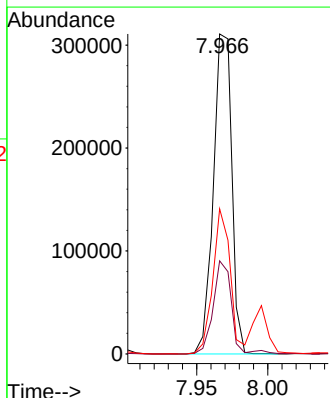
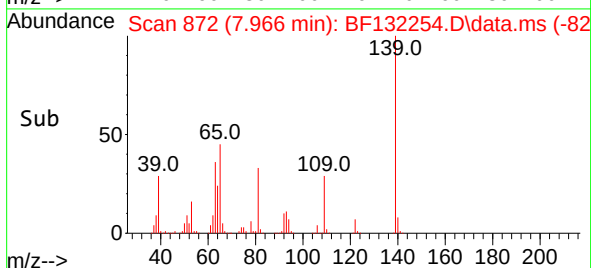
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

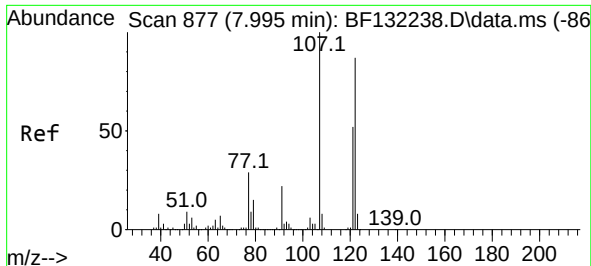


#26
2-Nitrophenol
Concen: 47.196 ng
RT: 7.966 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF132254.D
Acq: 01 Feb 2023 11:48



Tgt Ion:139 Resp: 281155
Ion Ratio Lower Upper
139 100
109 29.1 23.0 34.6
65 45.3 36.6 55.0





#27

2,4-Dimethylphenol

Concen: 45.601 ng

RT: 7.996 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF132254.D

Acq: 01 Feb 2023 11:48

Instrument :

BNA_F

ClientSampleId :

PB150575BS

Tgt Ion:122 Resp: 475484

Ion Ratio Lower Upper

122 100

107 113.8 91.9 137.9

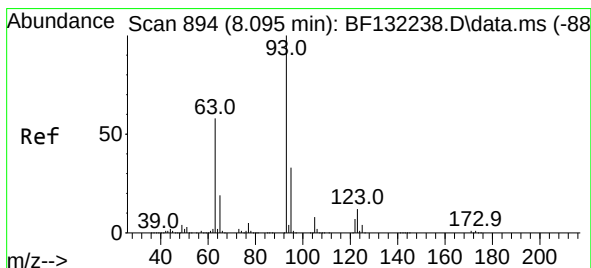
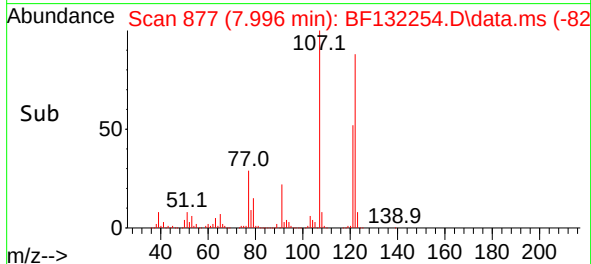
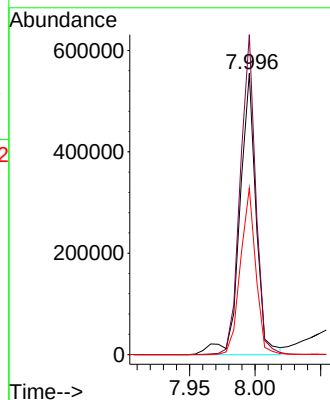
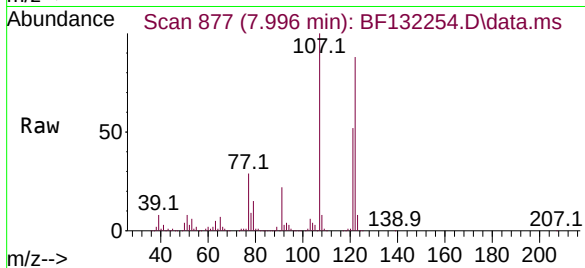
121 59.3 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/02/2023

Supervised By :Jagrut Upadhyay 02/02/2023



#28

bis(2-Chloroethoxy)methane

Concen: 42.727 ng

RT: 8.095 min Scan# 894

Delta R.T. 0.000 min

Lab File: BF132254.D

Acq: 01 Feb 2023 11:48

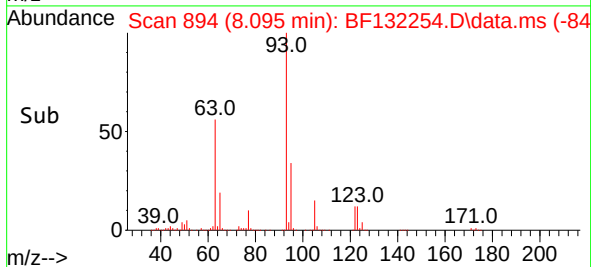
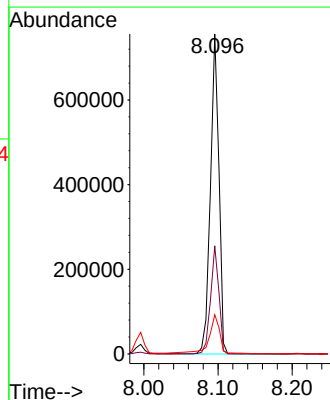
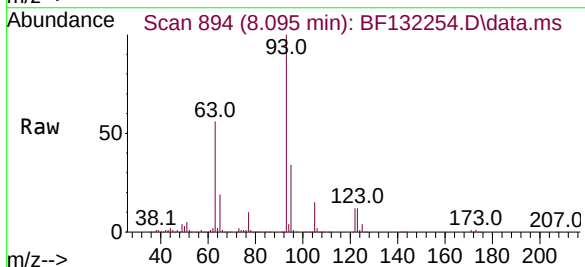
Tgt Ion: 93 Resp: 596606

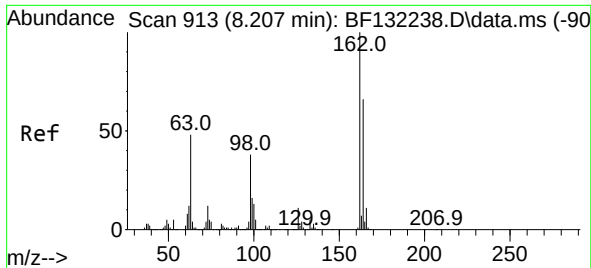
Ion Ratio Lower Upper

93 100

95 33.8 26.6 40.0

123 12.2 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 44.537 ng

RT: 8.207 min Scan# 913

Delta R.T. 0.000 min

Lab File: BF132254.D

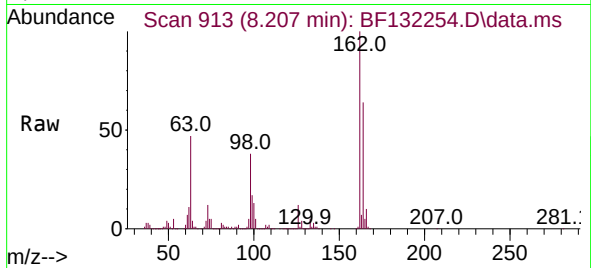
Acq: 01 Feb 2023 11:48

Instrument :

BNA_F

ClientSampleId :

PB150575BS



Tgt Ion:162 Resp: 412298

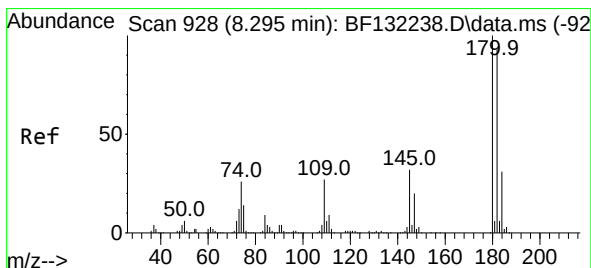
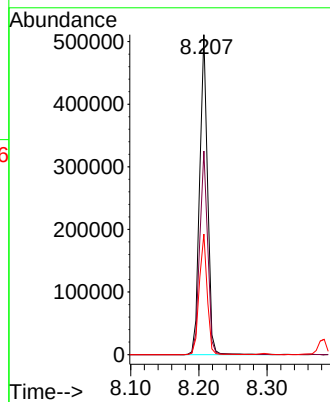
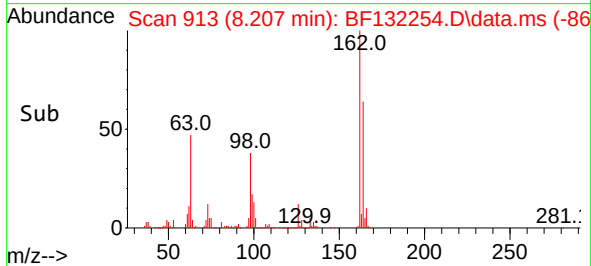
Ion	Ratio	Lower	Upper
162	100		
164	63.6	46.4	86.4
98	37.7	17.8	57.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/02/2023

Supervised By :Jagrut Upadhyay 02/02/2023



#30

1,2,4-Trichlorobenzene

Concen: 45.650 ng

RT: 8.295 min Scan# 928

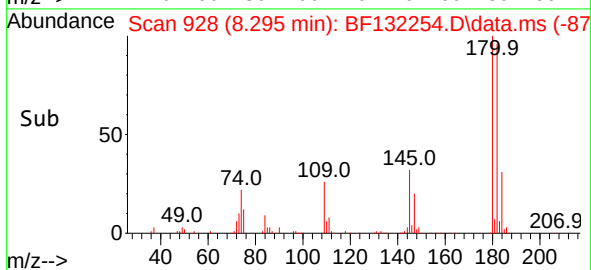
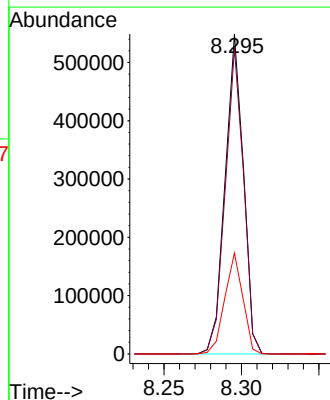
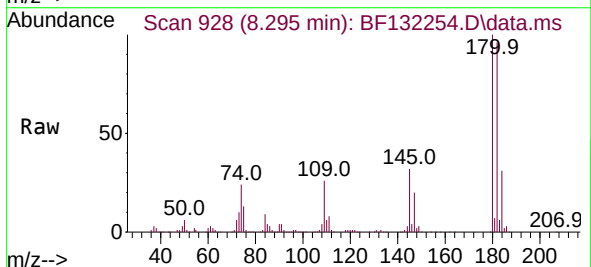
Delta R.T. 0.000 min

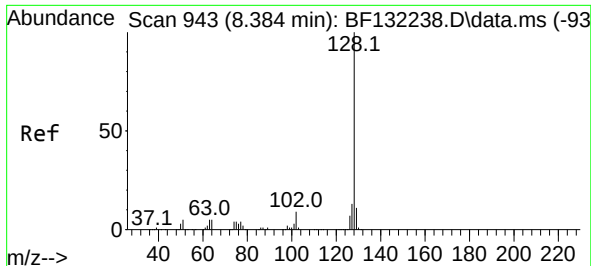
Lab File: BF132254.D

Acq: 01 Feb 2023 11:48

Tgt Ion:180 Resp: 452547

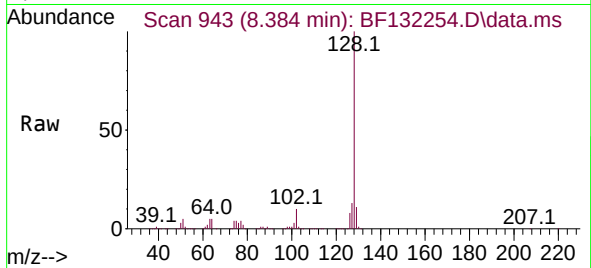
Ion	Ratio	Lower	Upper
180	100		
182	95.5	74.6	112.0
145	31.5	25.3	37.9





#31
Naphthalene
Concen: 43.117 ng
RT: 8.384 min Scan# 943
Delta R.T. 0.000 min
Lab File: BF132254.D
Acq: 01 Feb 2023 11:48

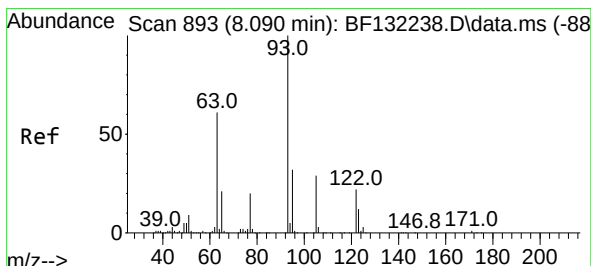
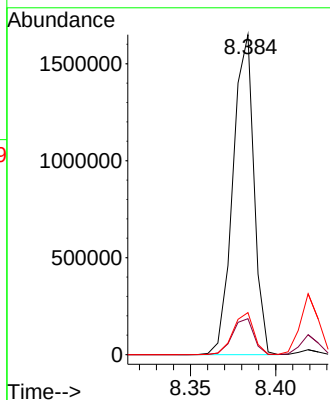
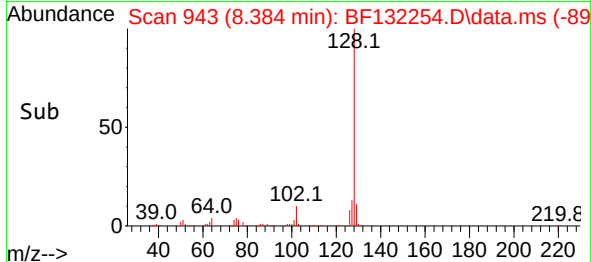
Instrument :
BNA_F
ClientSampleId :
PB150575BS



Tgt Ion:128 Resp: 1413865
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 13.1 10.5 15.7

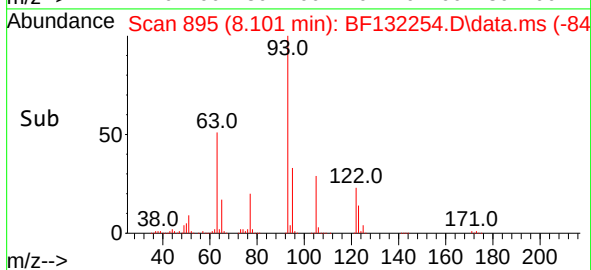
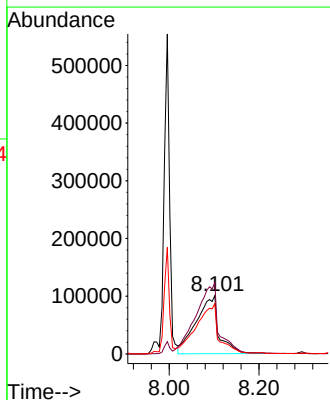
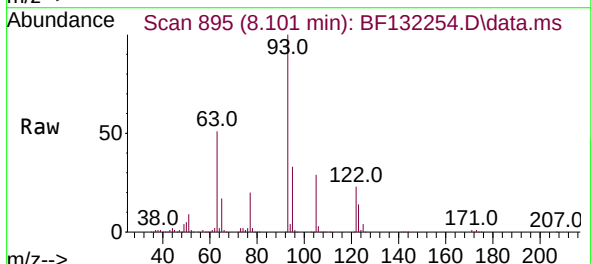
Manual Integrations
APPROVED

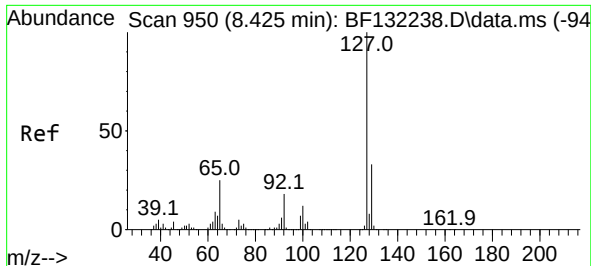
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#32
Benzoic acid
Concen: 46.089 ng
RT: 8.101 min Scan# 895
Delta R.T. 0.011 min
Lab File: BF132254.D
Acq: 01 Feb 2023 11:48

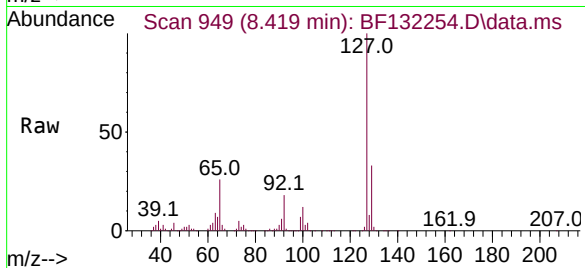
Tgt Ion:122 Resp: 355724
Ion Ratio Lower Upper
122 100
105 122.5 106.3 146.3
77 86.3 70.6 110.6





#33
4-Chloroaniline
Concen: 16.539 ng
RT: 8.419 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF132254.D
Acq: 01 Feb 2023 11:48

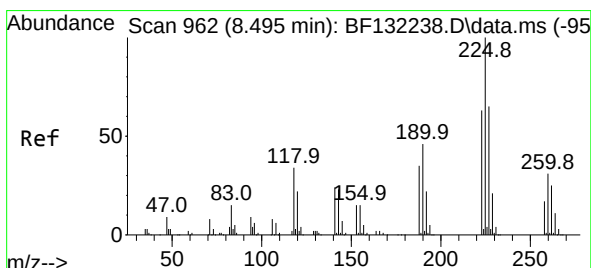
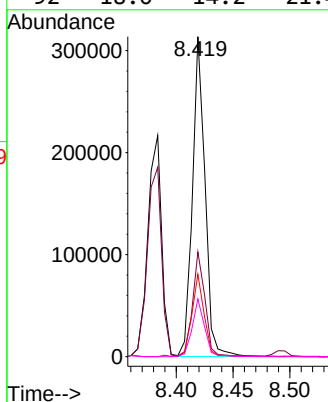
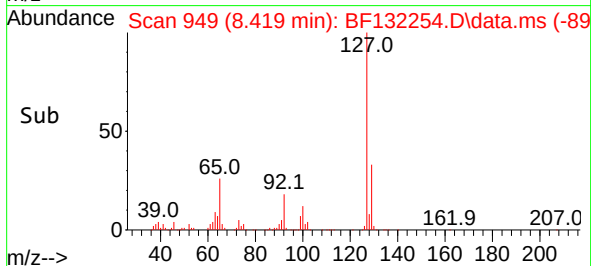
Instrument :
BNA_F
ClientSampleId :
PB150575BS



Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.6	39.8
65	25.7	20.2	30.2
92	18.0	14.2	21.4

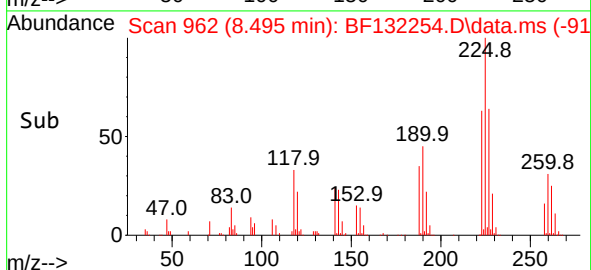
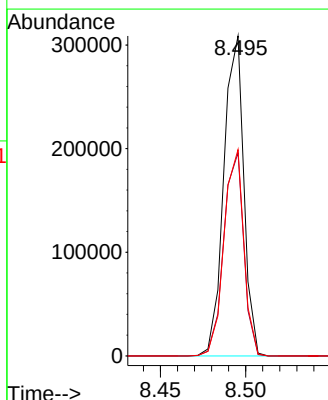
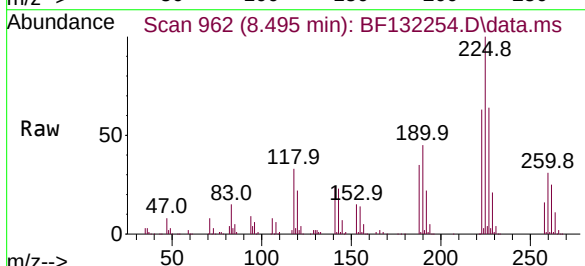
Manual Integrations
APPROVED

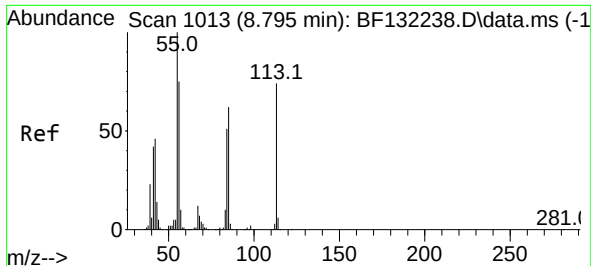
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#34
Hexachlorobutadiene
Concen: 45.112 ng
RT: 8.495 min Scan# 962
Delta R.T. 0.000 min
Lab File: BF132254.D
Acq: 01 Feb 2023 11:48

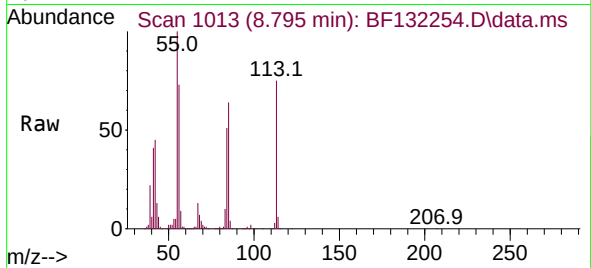
Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.6	75.8
227	64.5	51.7	77.5





#35
Caprolactam
Concen: 46.297 ng m
RT: 8.795 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF132254.D
Acq: 01 Feb 2023 11:48

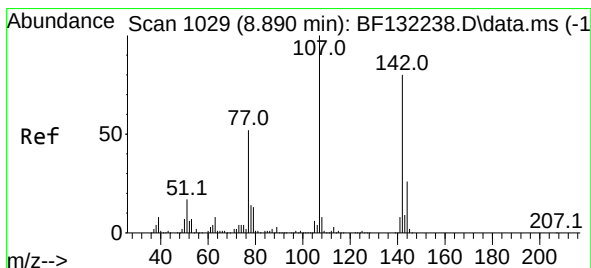
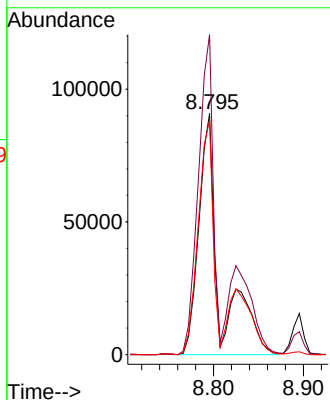
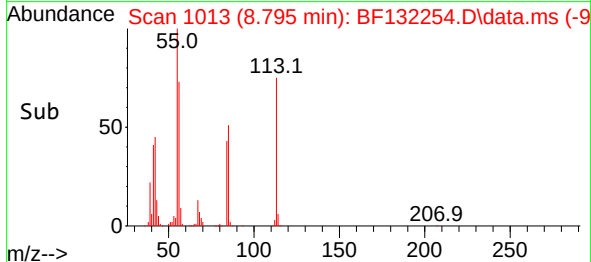
Instrument :
BNA_F
ClientSampleId :
PB150575BS



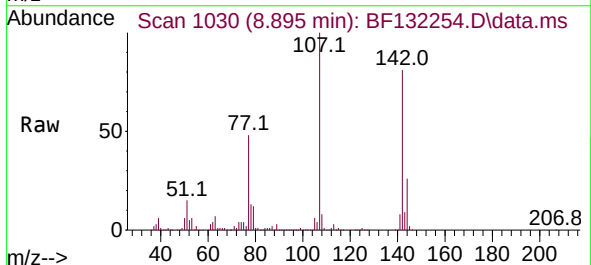
Tgt Ion:113 Resp: 146115
Ion Ratio Lower Upper
113 100
55 132.7 114.7 154.7
56 97.1 81.1 121.1

Manual Integrations
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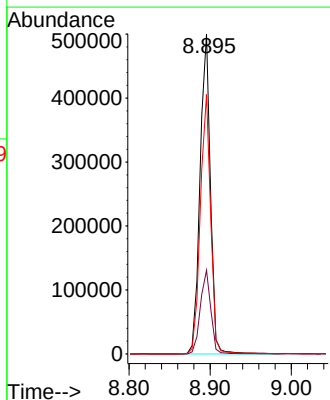
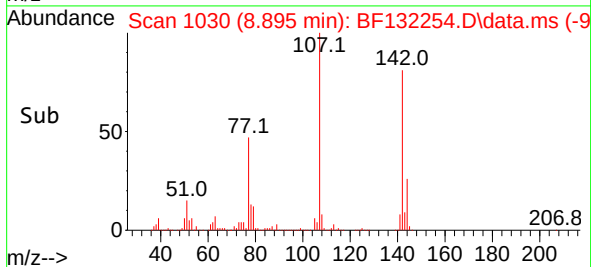
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

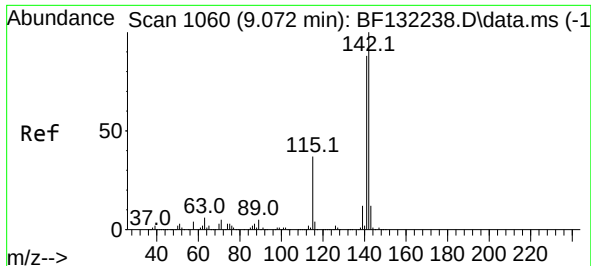


#36
4-Chloro-3-methylphenol
Concen: 44.441 ng
RT: 8.895 min Scan# 1030
Delta R.T. 0.006 min
Lab File: BF132254.D
Acq: 01 Feb 2023 11:48



Tgt Ion:107 Resp: 443223
Ion Ratio Lower Upper
107 100
144 26.1 20.5 30.7
142 81.0 63.6 95.4





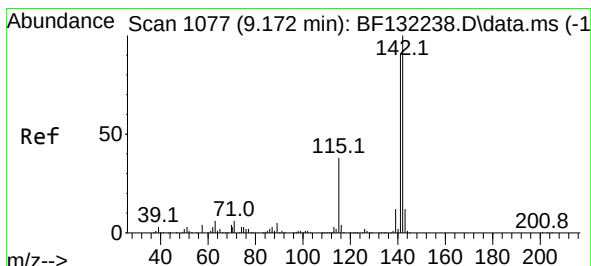
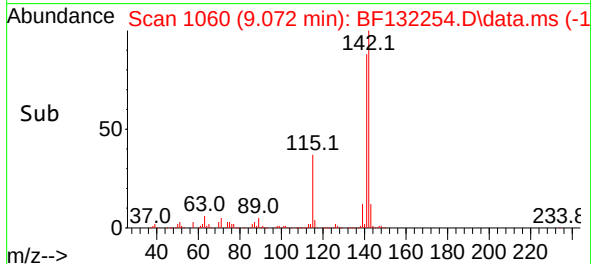
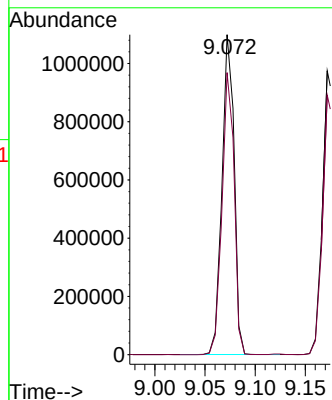
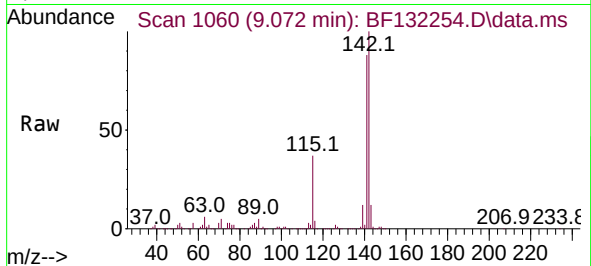
#37
2-Methylnaphthalene
Concen: 41.791 ng
RT: 9.072 min Scan# 1060
Delta R.T. 0.000 min
Lab File: BF132254.D
Acq: 01 Feb 2023 11:48

Instrument :
BNA_F
ClientSampleId :
PB150575BS

Tgt Ion:142 Resp: 928234
Ion Ratio Lower Upper
142 100
141 88.1 70.1 105.1

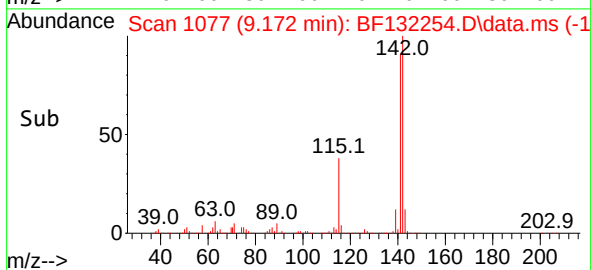
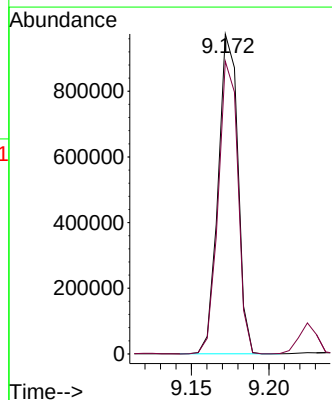
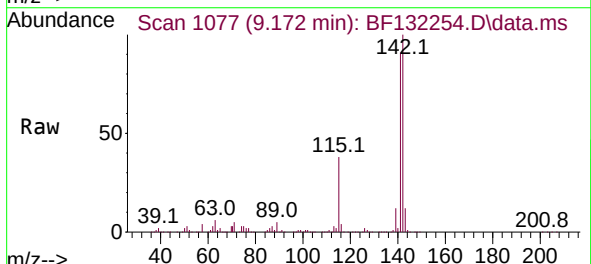
Manual Integrations
APPROVED

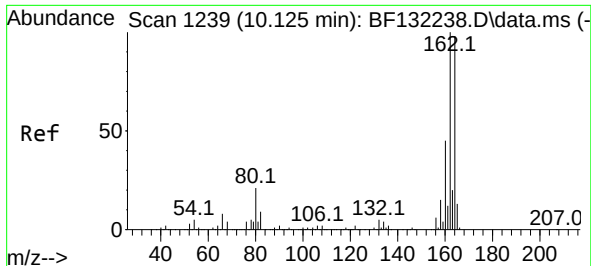
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#38
1-Methylnaphthalene
Concen: 41.826 ng
RT: 9.172 min Scan# 1077
Delta R.T. 0.000 min
Lab File: BF132254.D
Acq: 01 Feb 2023 11:48

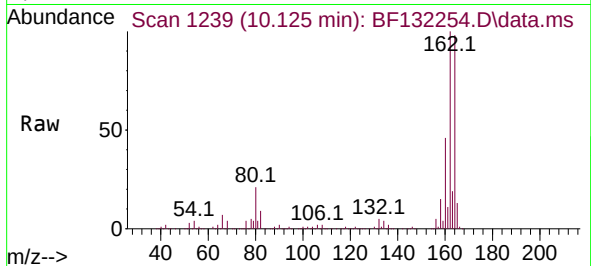
Tgt Ion:142 Resp: 863344
Ion Ratio Lower Upper
142 100
141 91.4 72.6 108.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.125 min Scan# 1239
Delta R.T. 0.000 min
Lab File: BF132254.D
Acq: 01 Feb 2023 11:48

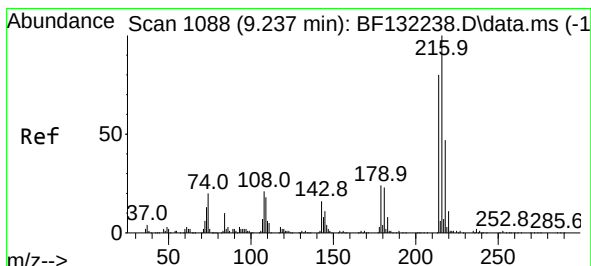
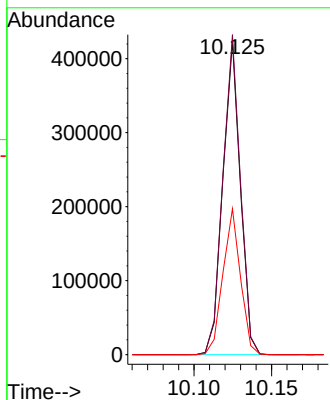
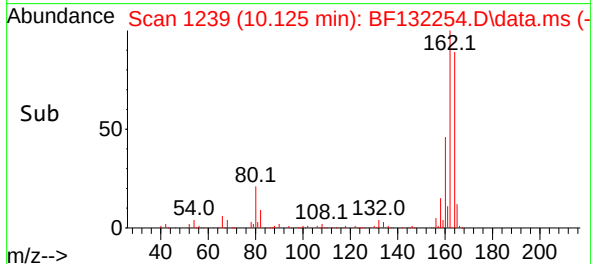
Instrument :
BNA_F
ClientSampleId :
PB150575BS



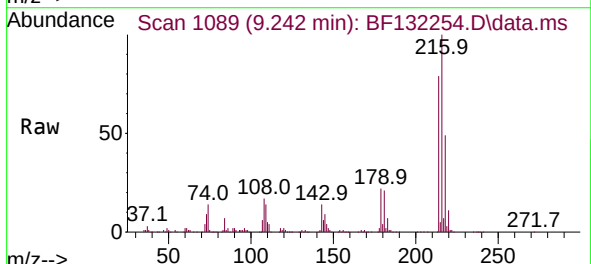
Tgt Ion:164 Resp: 332791
Ion Ratio Lower Upper
164 100
162 102.1 82.0 123.0
160 46.5 37.1 55.7

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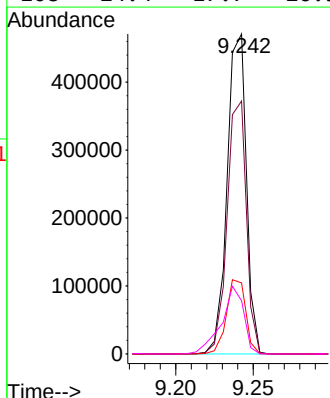
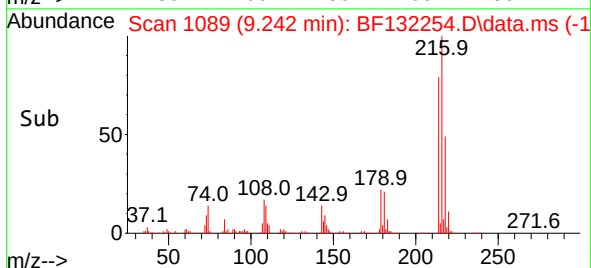
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

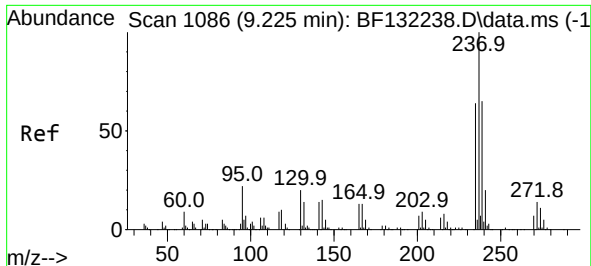


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.432 ng
RT: 9.242 min Scan# 1089
Delta R.T. 0.006 min
Lab File: BF132254.D
Acq: 01 Feb 2023 11:48



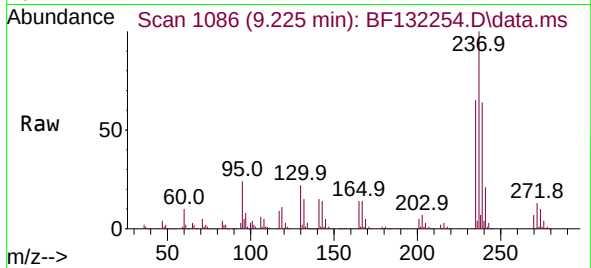
Tgt Ion:216 Resp: 406750
Ion Ratio Lower Upper
216 100
214 79.1 63.6 95.4
179 23.3 18.3 27.5
108 24.4 17.7 26.5





#41
Hexachlorocyclopentadiene
Concen: 101.849 ng
RT: 9.225 min Scan# 1086
Delta R.T. 0.000 min
Lab File: BF132254.D
Acq: 01 Feb 2023 11:48

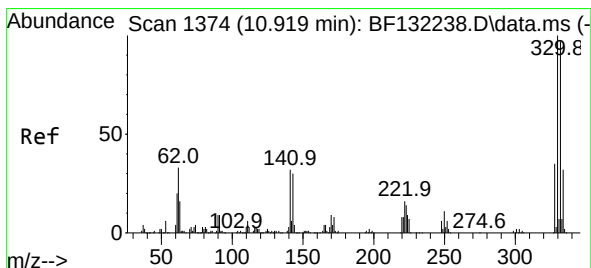
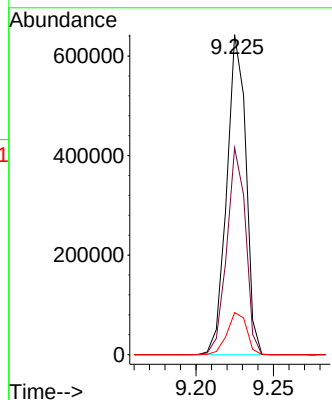
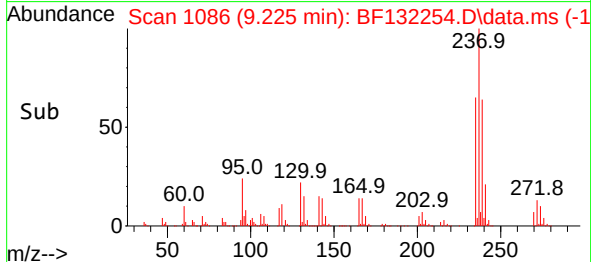
Instrument :
BNA_F
ClientSampleId :
PB150575BS



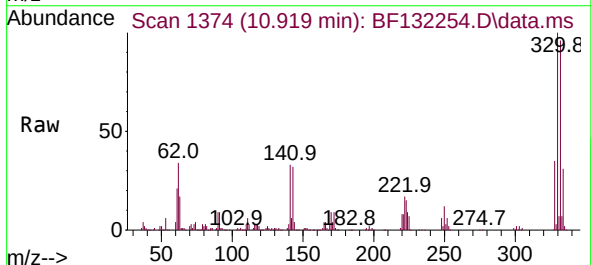
Tgt Ion: 237 Resp: 556495
Ion Ratio Lower Upper
237 100
235 64.6 43.5 83.5
272 13.1 0.0 33.6

Manual Integrations
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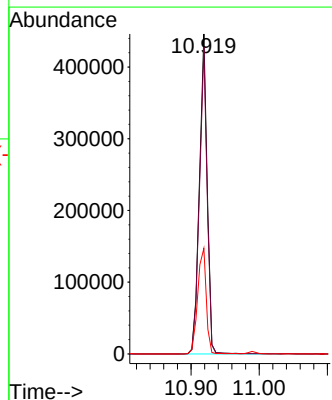
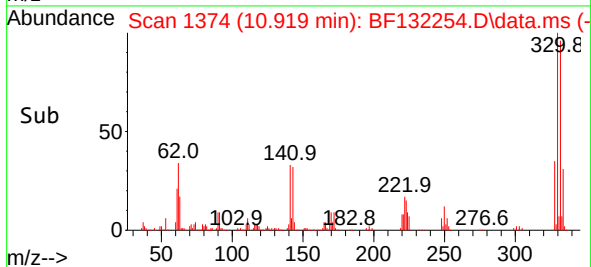
Reviewed By : Christian Giraldo 02/02/2023
Supervised By : Jagrut Upadhyay 02/02/2023

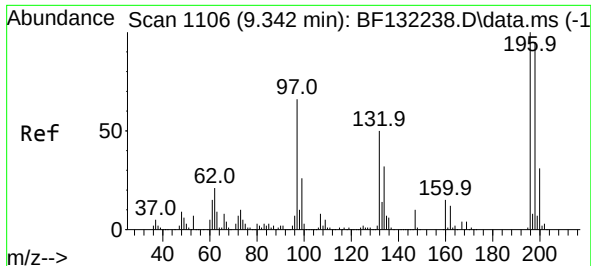


#42
2,4,6-Tribromophenol
Concen: 103.801 ng
RT: 10.919 min Scan# 1374
Delta R.T. 0.000 min
Lab File: BF132254.D
Acq: 01 Feb 2023 11:48



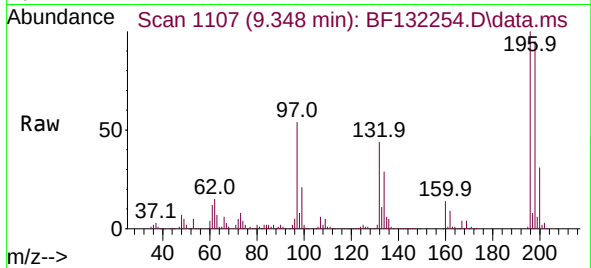
Tgt Ion: 330 Resp: 355239
Ion Ratio Lower Upper
330 100
332 95.2 77.9 116.9
141 36.2 31.0 46.4





#43
2,4,6-Trichlorophenol
Concen: 44.397 ng
RT: 9.348 min Scan# 1106
Delta R.T. 0.006 min
Lab File: BF132254.D
Acq: 01 Feb 2023 11:48

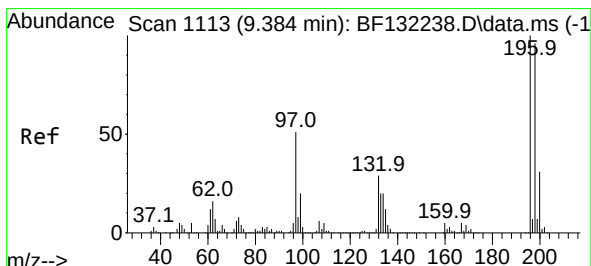
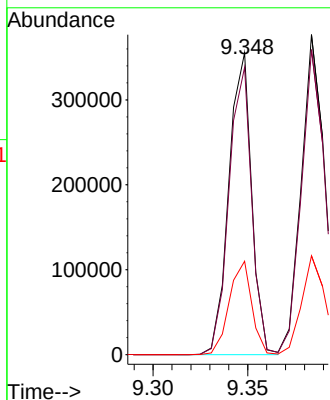
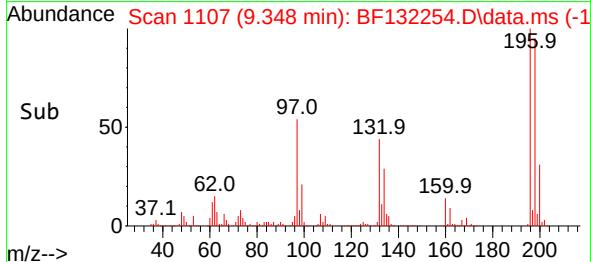
Instrument :
BNA_F
ClientSampleId :
PB150575BS



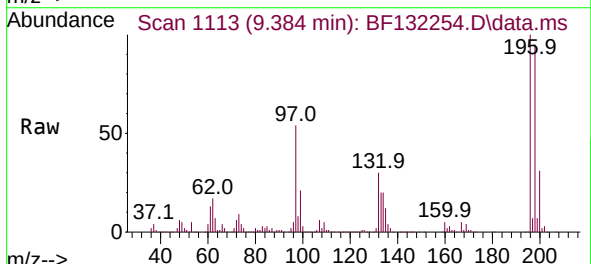
Tgt Ion:196 Resp: 297214
Ion Ratio Lower Upper
196 100
198 95.2 75.9 113.9
200 30.9 24.7 37.1

Manual Integrations
APPROVED

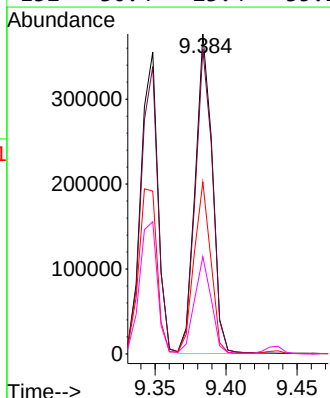
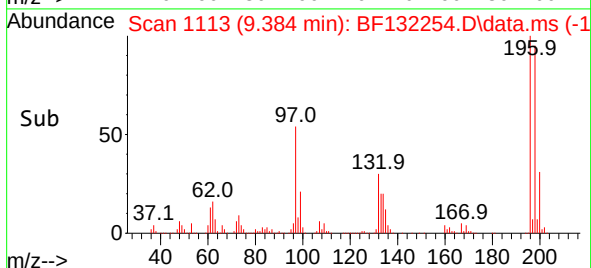
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

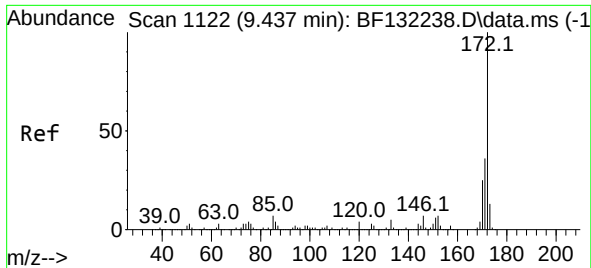


#44
2,4,5-Trichlorophenol
Concen: 41.018 ng
RT: 9.384 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BF132254.D
Acq: 01 Feb 2023 11:48



Tgt Ion:196 Resp: 316057
Ion Ratio Lower Upper
196 100
198 95.3 77.0 115.4
97 53.7 41.2 61.8
132 30.4 23.4 35.2





#45
2-Fluorobiphenyl
Concen: 64.428 ng
RT: 9.437 min Scan# 1122
Delta R.T. -0.000 min
Lab File: BF132254.D
Acq: 01 Feb 2023 11:48

Instrument :

BNA_F

ClientSampleId :

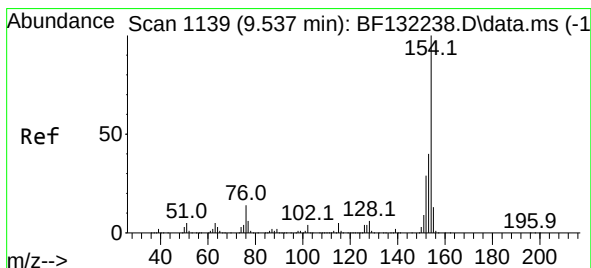
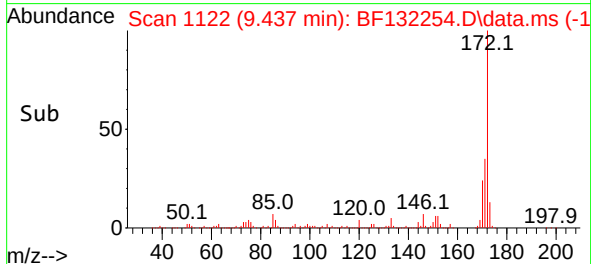
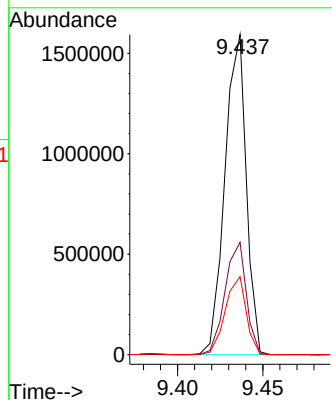
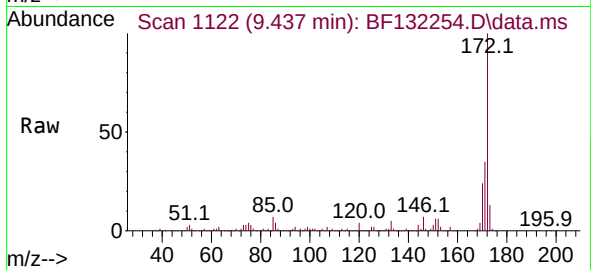
PB150575BS

Tgt Ion:172 Resp: 138844
Ion Ratio Lower Upper
172 100
171 35.1 28.6 43.0
170 24.4 19.7 29.5

Manual Integrations

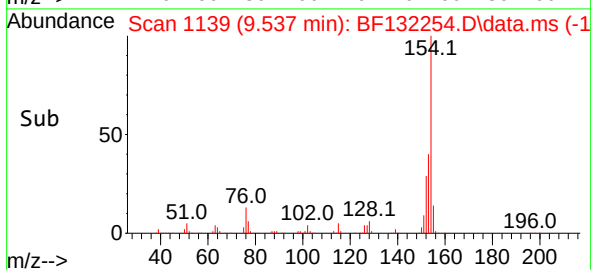
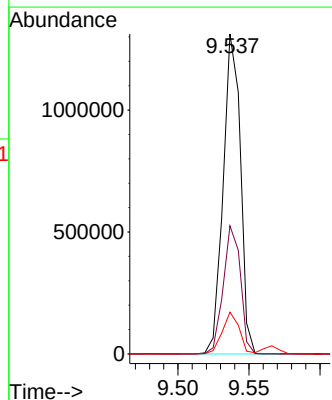
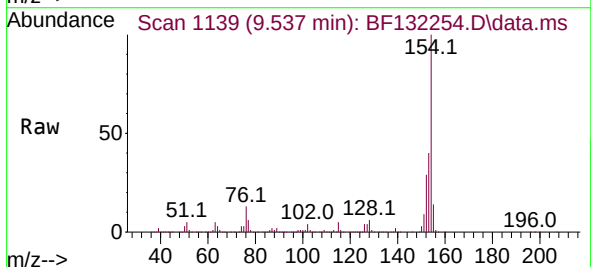
APPROVED

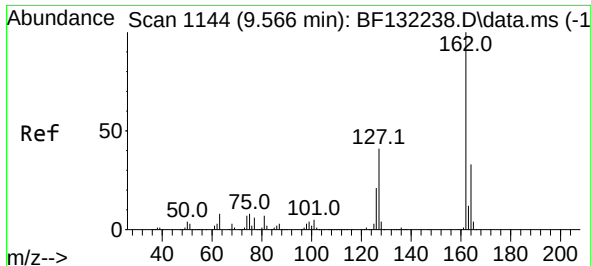
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#46
1,1'-Biphenyl
Concen: 43.200 ng
RT: 9.537 min Scan# 1139
Delta R.T. 0.000 min
Lab File: BF132254.D
Acq: 01 Feb 2023 11:48

Tgt Ion:154 Resp: 1108344
Ion Ratio Lower Upper
154 100
153 40.0 19.9 59.9
76 13.0 0.0 34.0





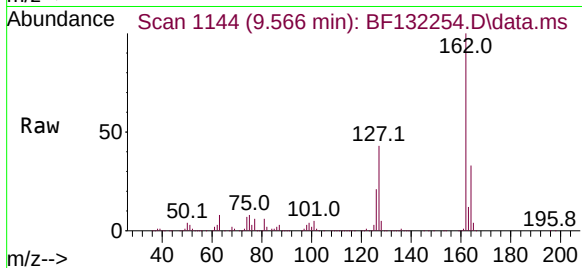
#47
2-Chloronaphthalene
Concen: 44.149 ng
RT: 9.566 min Scan# 1144
Delta R.T. 0.000 min
Lab File: BF132254.D
Acq: 01 Feb 2023 11:48

Instrument :

BNA_F

ClientSampleId :

PB150575BS

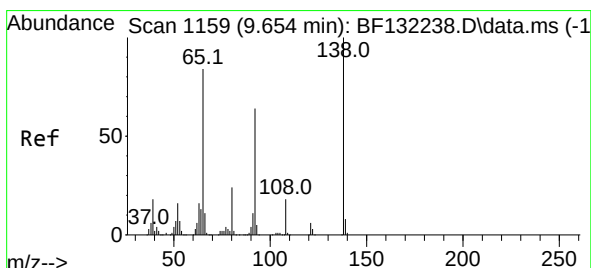
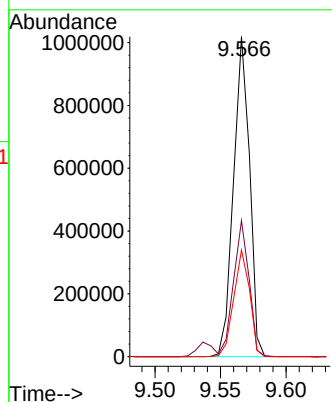
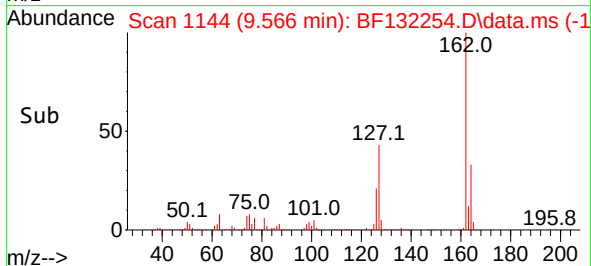


Tgt Ion:162 Resp: 862716
Ion Ratio Lower Upper
162 100
127 42.5 33.3 49.9
164 33.3 26.8 40.2

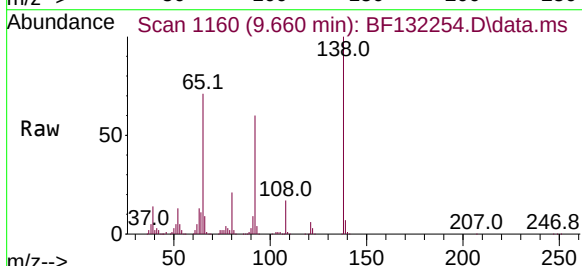
Manual Integrations

APPROVED

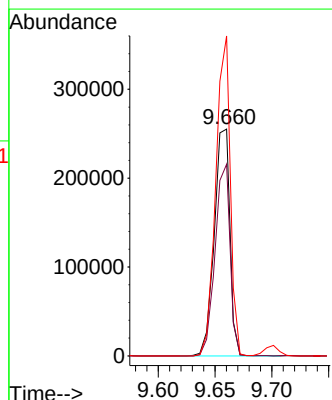
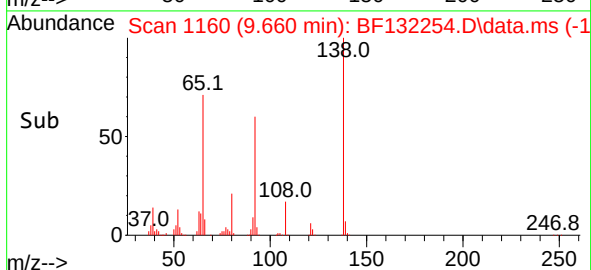
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

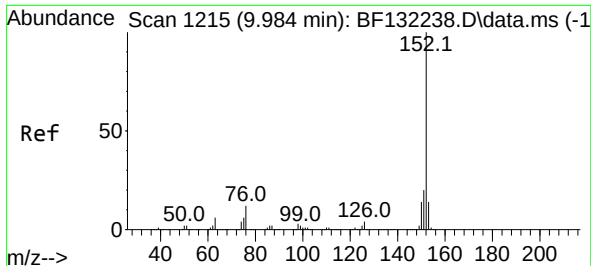


#48
2-Nitroaniline
Concen: 42.140 ng
RT: 9.660 min Scan# 1160
Delta R.T. 0.006 min
Lab File: BF132254.D
Acq: 01 Feb 2023 11:48



Tgt Ion: 65 Resp: 244904
Ion Ratio Lower Upper
65 100
92 84.5 61.0 91.4
138 141.1 95.0 142.4





#49

Acenaphthylene

Concen: 42.812 ng

RT: 9.989 min Scan# 1215

Delta R.T. 0.006 min

Lab File: BF132254.D

Acq: 01 Feb 2023 11:48

Instrument :

BNA_F

ClientSampleId :

PB150575BS

Tgt Ion:152 Resp: 1365362

Ion Ratio Lower Upper

152 100

151 20.4 15.9 23.9

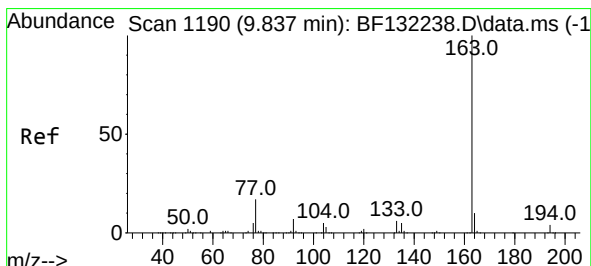
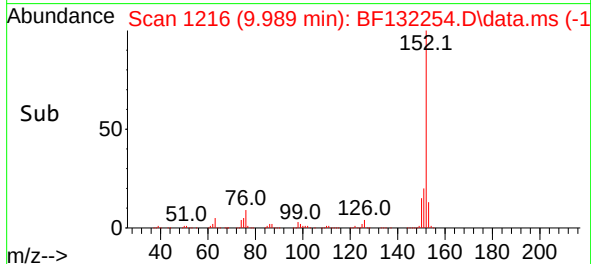
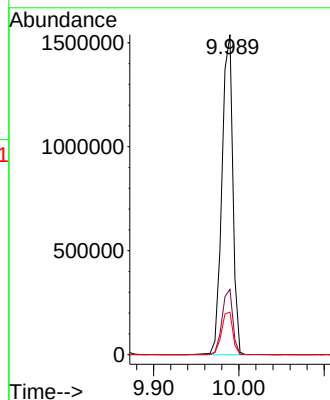
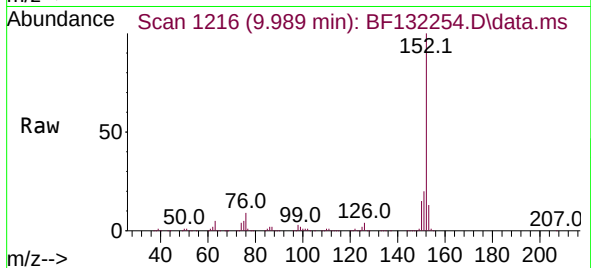
153 13.3 10.9 16.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/02/2023

Supervised By :Jagrut Upadhyay 02/02/2023



#50

Dimethylphthalate

Concen: 42.565 ng

RT: 9.837 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF132254.D

Acq: 01 Feb 2023 11:48

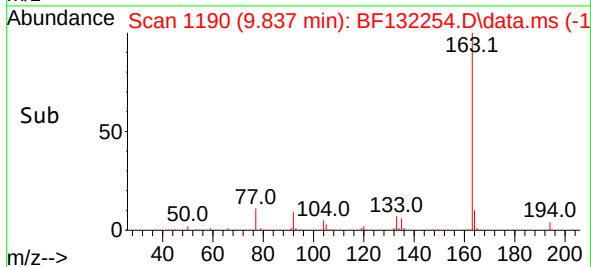
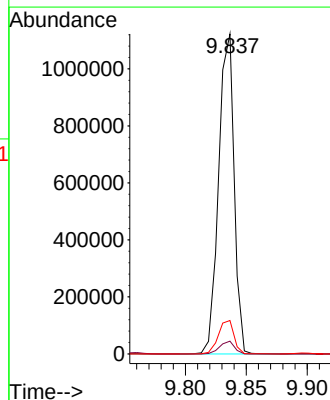
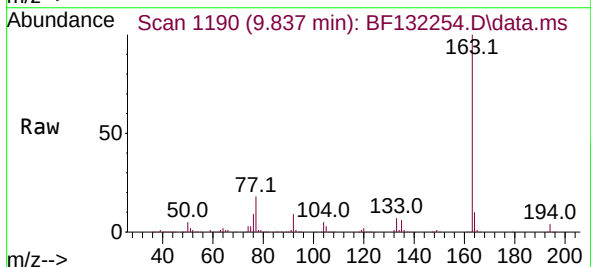
Tgt Ion:163 Resp: 990867

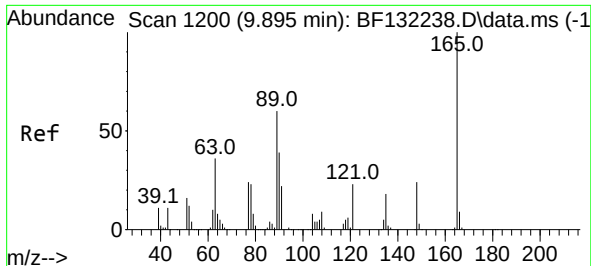
Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.4

164 10.4 7.9 11.9





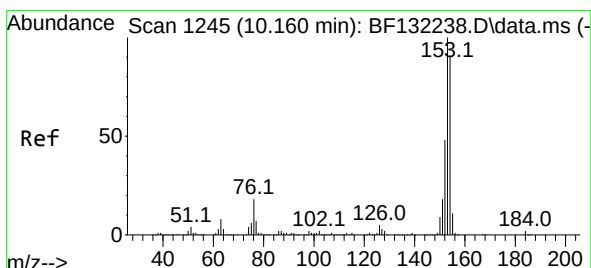
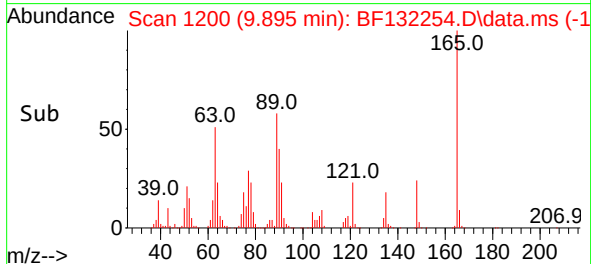
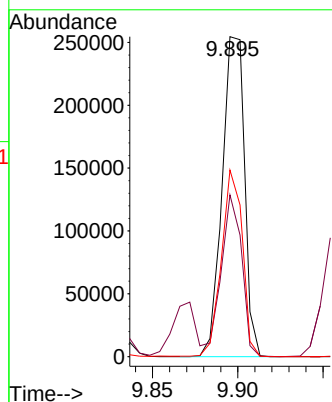
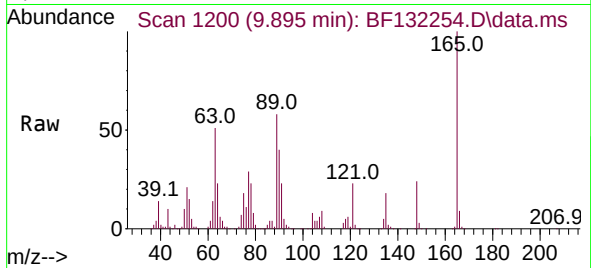
#51
2,6-Dinitrotoluene
Concen: 44.779 ng
RT: 9.895 min Scan# 1200
Delta R.T. 0.000 min
Lab File: BF132254.D
Acq: 01 Feb 2023 11:48

Instrument :
BNA_F
ClientSampleId :
PB150575BS

Tgt Ion:165 Resp: 232807
Ion Ratio Lower Upper
165 100
63 50.5 41.5 62.3
89 58.3 48.1 72.1

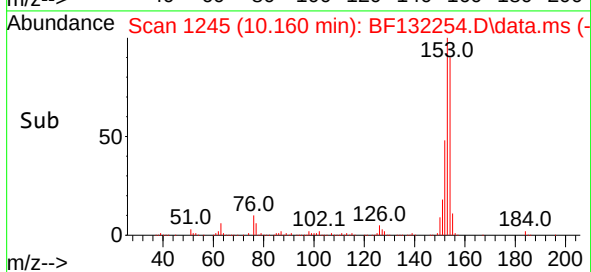
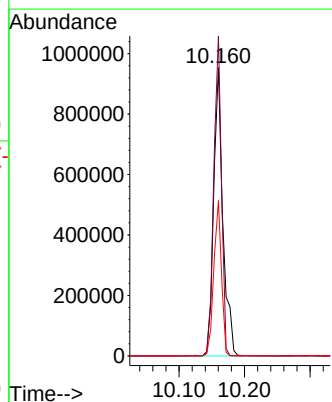
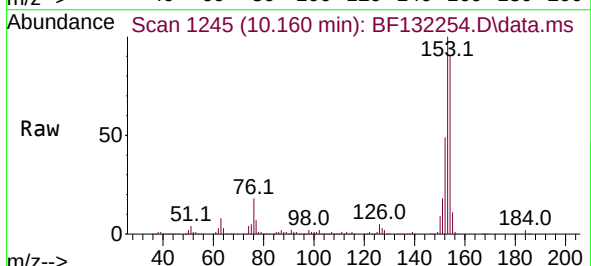
Manual Integrations
APPROVED

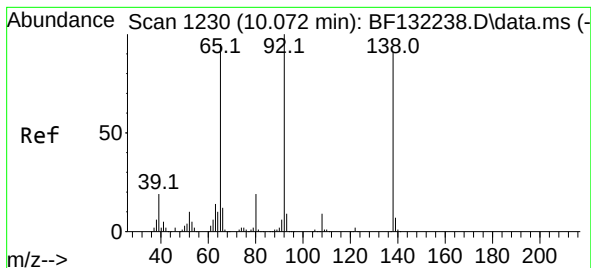
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#52
Acenaphthene
Concen: 46.824 ng
RT: 10.160 min Scan# 1245
Delta R.T. 0.000 min
Lab File: BF132254.D
Acq: 01 Feb 2023 11:48

Tgt Ion:154 Resp: 934923
Ion Ratio Lower Upper
154 100
153 111.0 88.3 132.5
152 53.9 42.7 64.1





#53
3-Nitroaniline
Concen: 28.132 ng
RT: 10.066 min Scan# 1229
Delta R.T. -0.006 min
Lab File: BF132254.D
Acq: 01 Feb 2023 11:48

Instrument :

BNA_F

ClientSampleId :

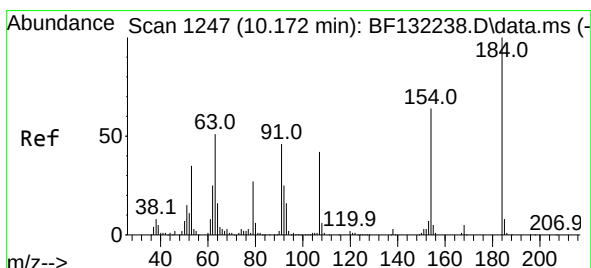
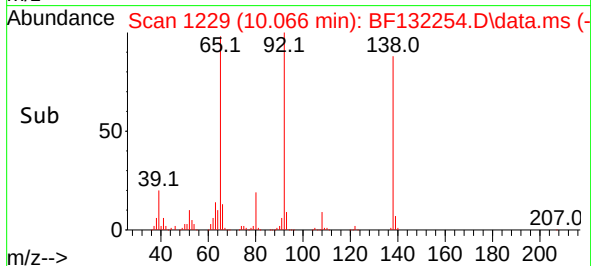
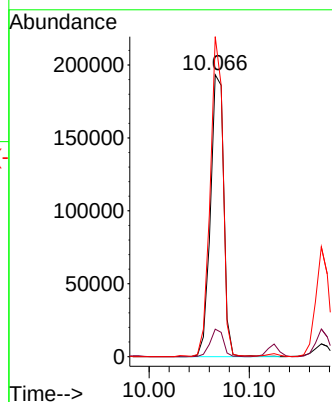
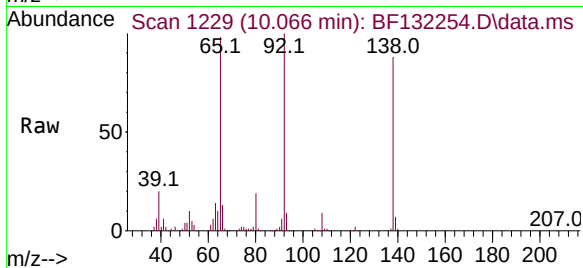
PB150575BS

Tgt Ion:138 Resp: 17737
Ion Ratio Lower Upper
138 100
108 9.7 7.6 11.4
92 113.5 88.3 132.5

Manual Integrations

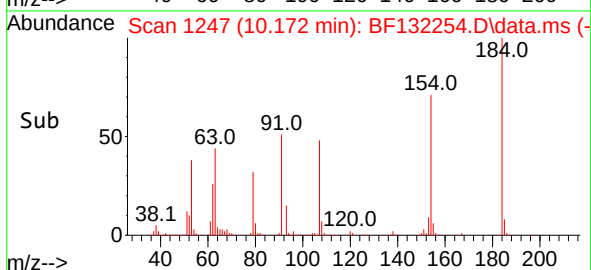
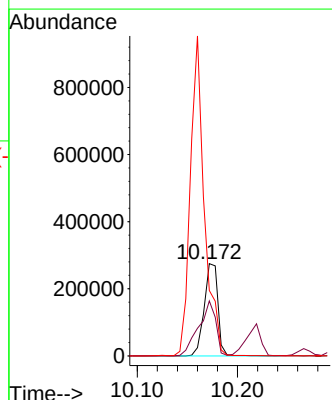
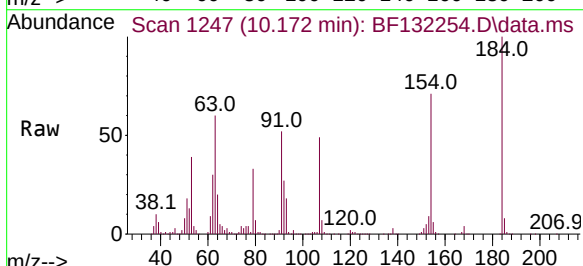
APPROVED

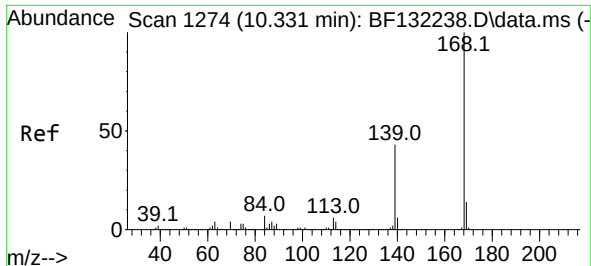
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#54
2,4-Dinitrophenol
Concen: 85.805 ng
RT: 10.172 min Scan# 1247
Delta R.T. -0.000 min
Lab File: BF132254.D
Acq: 01 Feb 2023 11:48

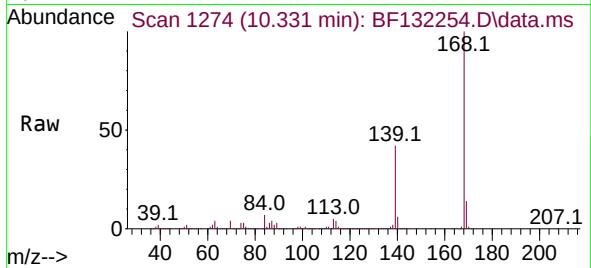
Tgt Ion:184 Resp: 259593
Ion Ratio Lower Upper
184 100
63 59.6 41.6 62.4
154 70.9 57.0 85.6





#55
Dibenzofuran
Concen: 42.155 ng
RT: 10.331 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132254.D
Acq: 01 Feb 2023 11:48

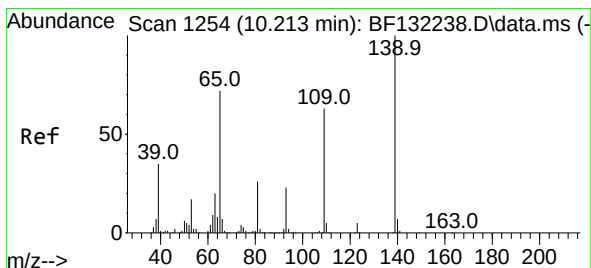
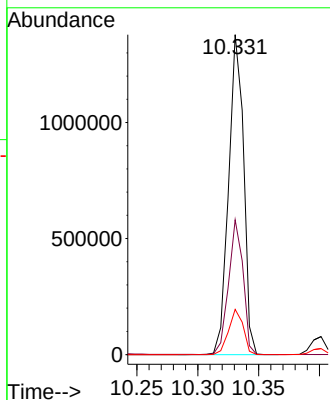
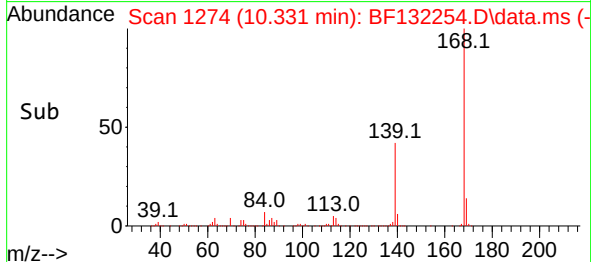
Instrument :
BNA_F
ClientSampleId :
PB150575BS



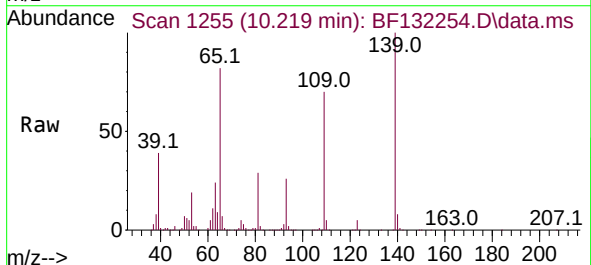
Tgt Ion:168 Resp: 1182595
Ion Ratio Lower Upper
168 100
139 42.1 34.2 51.4
169 14.1 11.2 16.8

Manual Integrations
APPROVED

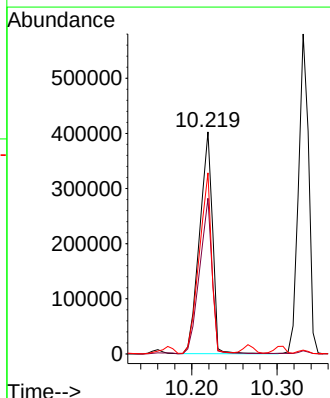
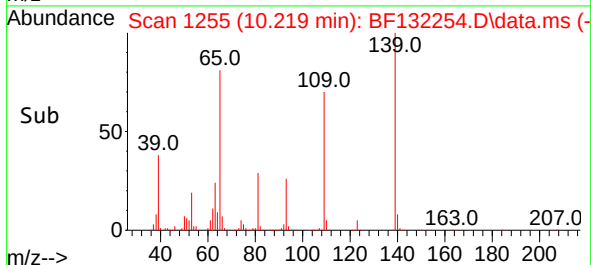
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

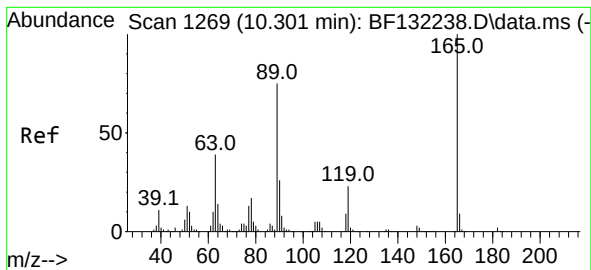


#56
4-Nitrophenol
Concen: 89.787 ng
RT: 10.219 min Scan# 1255
Delta R.T. 0.006 min
Lab File: BF132254.D
Acq: 01 Feb 2023 11:48



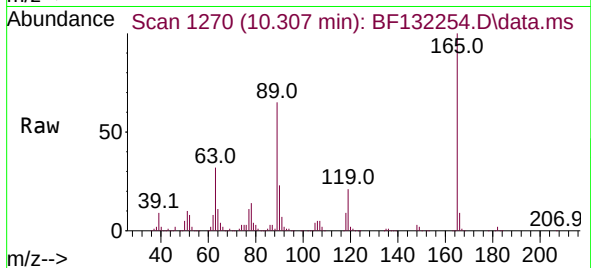
Tgt Ion:139 Resp: 425995
Ion Ratio Lower Upper
139 100
109 70.1 43.3 83.3
65 81.5 52.3 92.3





#57
2,4-Dinitrotoluene
Concen: 45.934 ng
RT: 10.307 min Scan# 1269
Delta R.T. 0.006 min
Lab File: BF132254.D
Acq: 01 Feb 2023 11:48

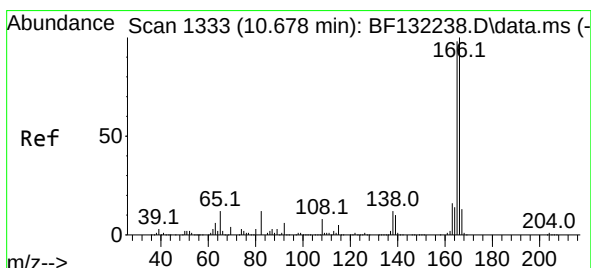
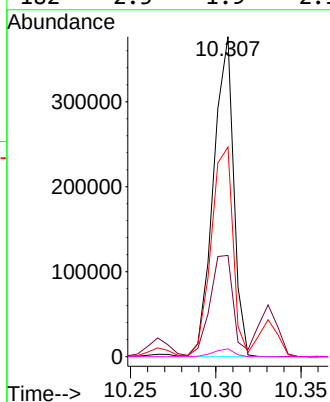
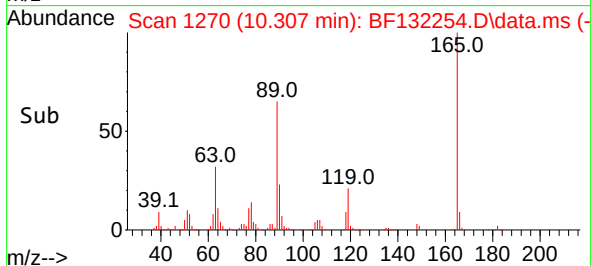
Instrument :
BNA_F
ClientSampleId :
PB150575BS



Tgt Ion:165 Resp: 310219
Ion Ratio Lower Upper
165 100
63 31.7 30.9 46.3
89 65.5 60.1 90.1
182 2.5 1.9 2.9

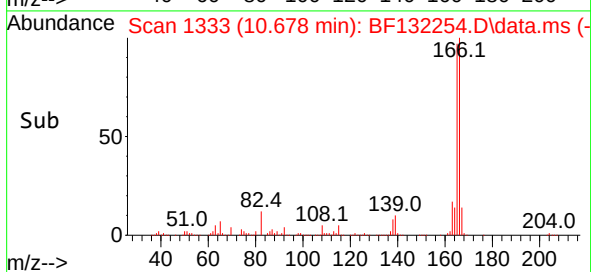
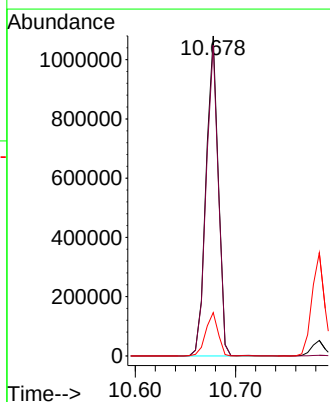
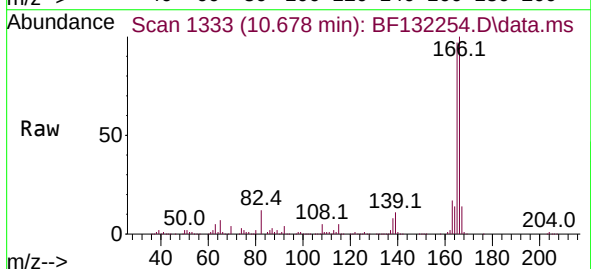
Manual Integrations
APPROVED

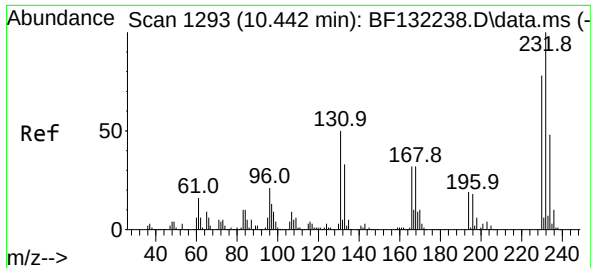
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#58
Fluorene
Concen: 42.058 ng
RT: 10.678 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF132254.D
Acq: 01 Feb 2023 11:48

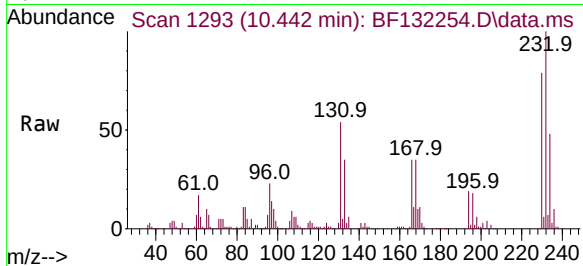
Tgt Ion:166 Resp: 908054
Ion Ratio Lower Upper
166 100
165 97.1 78.0 117.0
167 13.5 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.104 ng
RT: 10.442 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF132254.D
Acq: 01 Feb 2023 11:48

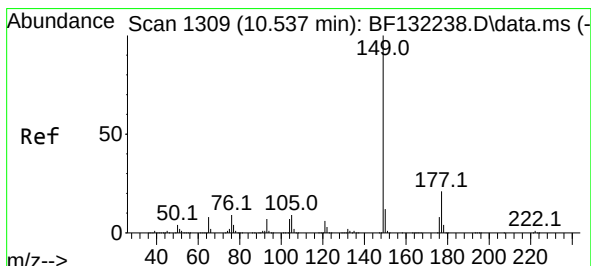
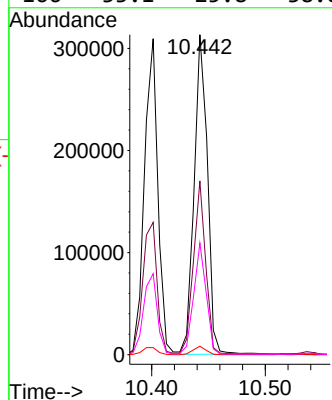
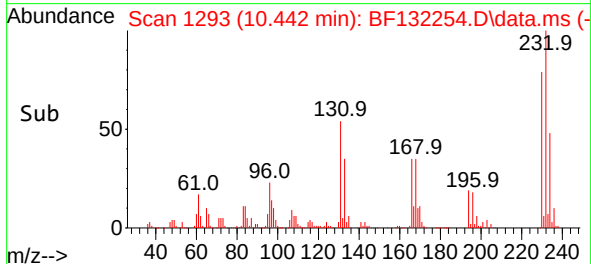
Instrument :
BNA_F
ClientSampleId :
PB150575BS



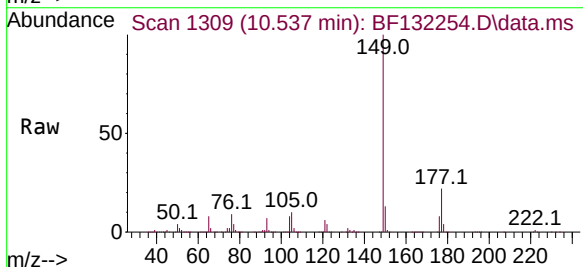
Tgt Ion:232 Resp: 253363
Ion Ratio Lower Upper
232 100
131 50.7 40.6 61.0
130 2.5 1.9 2.9
166 33.1 25.8 38.8

Manual Integrations
APPROVED

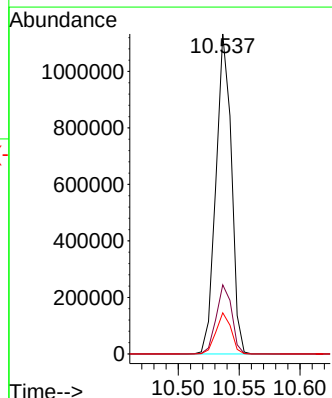
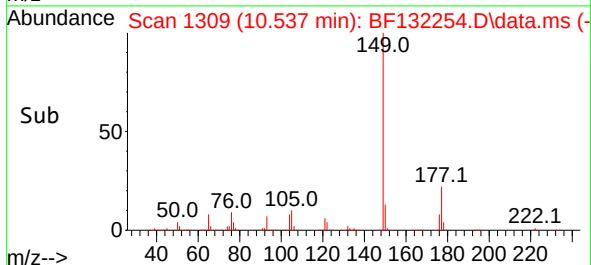
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

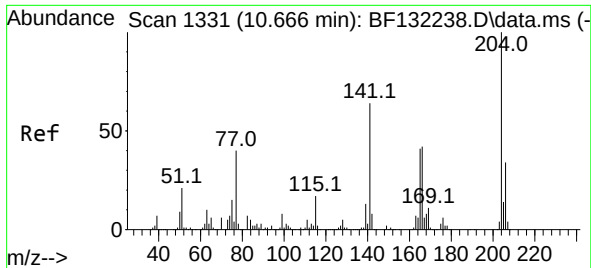


#60
Diethylphthalate
Concen: 43.098 ng
RT: 10.537 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF132254.D
Acq: 01 Feb 2023 11:48



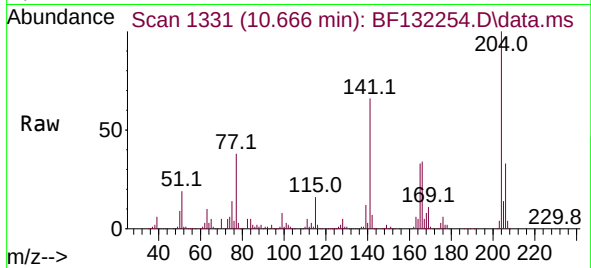
Tgt Ion:149 Resp: 998078
Ion Ratio Lower Upper
149 100
177 21.6 17.1 25.7
150 12.8 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 42.091 ng
RT: 10.666 min Scan# 1331
Delta R.T. 0.000 min
Lab File: BF132254.D
Acq: 01 Feb 2023 11:48

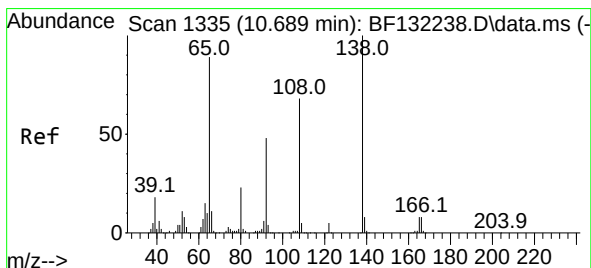
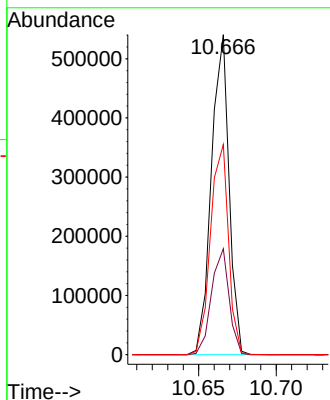
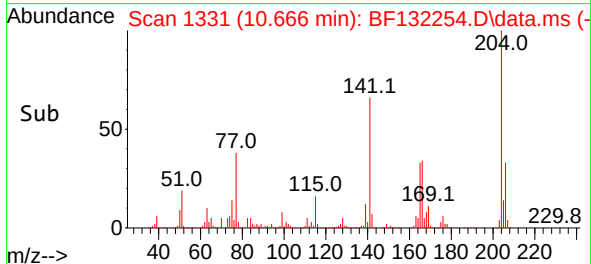
Instrument :
BNA_F
ClientSampleId :
PB150575BS



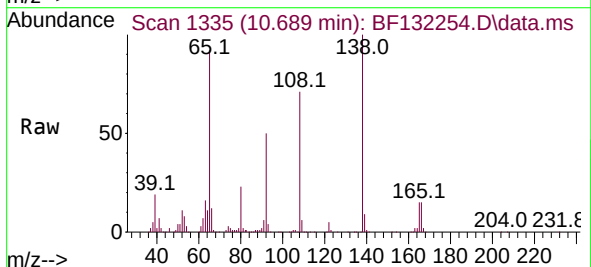
Tgt Ion:204 Resp: 431274
Ion Ratio Lower Upper
204 100
206 33.1 26.8 40.2
141 65.6 51.4 77.0

Manual Integrations
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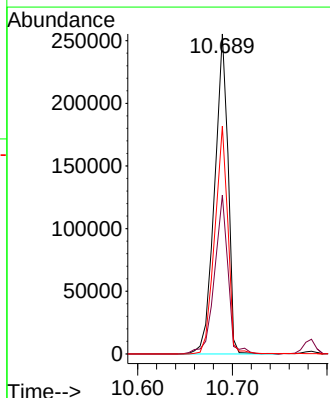
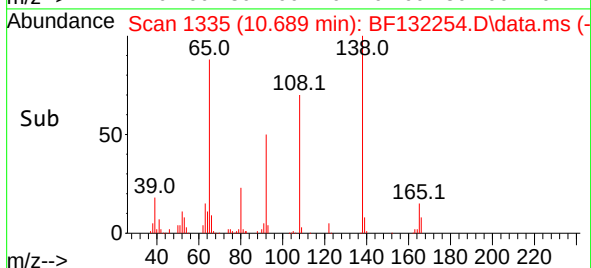
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

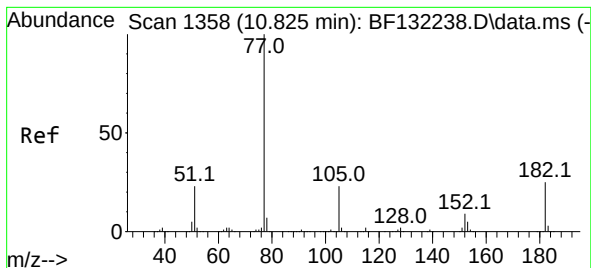


#62
4-Nitroaniline
Concen: 41.570 ng
RT: 10.689 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF132254.D
Acq: 01 Feb 2023 11:48



Tgt Ion:138 Resp: 251334
Ion Ratio Lower Upper
138 100
92 49.6 27.7 67.7
108 71.2 48.5 88.5





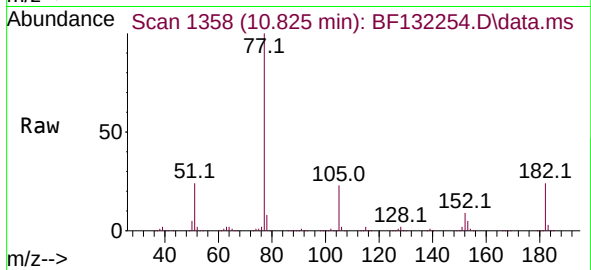
#63
Azobenzene
Concen: 41.358 ng
RT: 10.825 min Scan# 1358
Delta R.T. 0.000 min
Lab File: BF132254.D
Acq: 01 Feb 2023 11:48

Instrument :

BNA_F

ClientSampleId :

PB150575BS

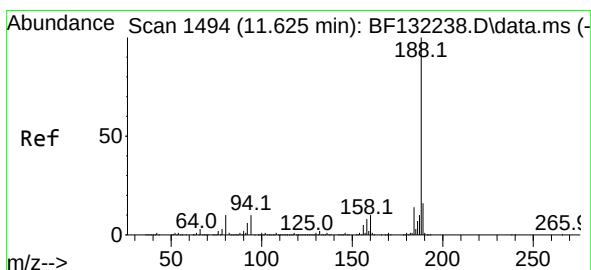
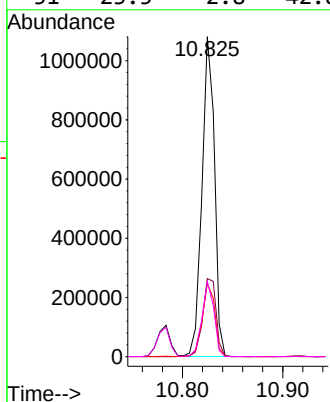
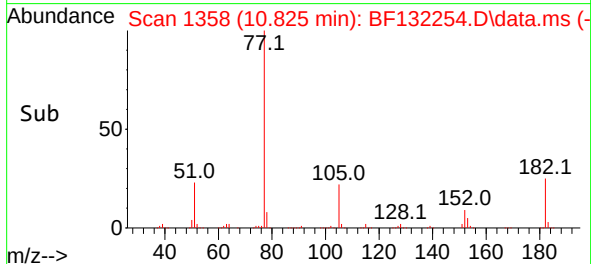


Tgt Ion: 77 Resp: 932929
Ion Ratio Lower Upper
77 100
182 24.4 4.5 44.5
105 22.8 2.7 42.7
51 23.5 2.8 42.8

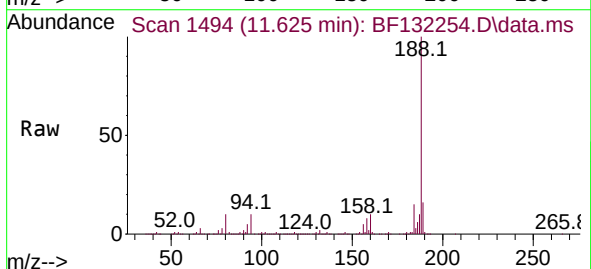
Manual Integrations

APPROVED

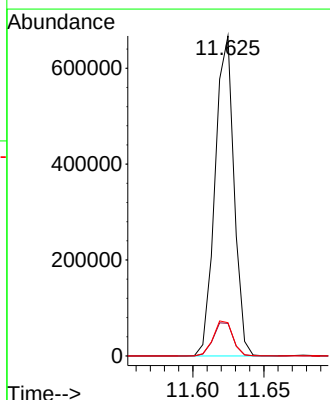
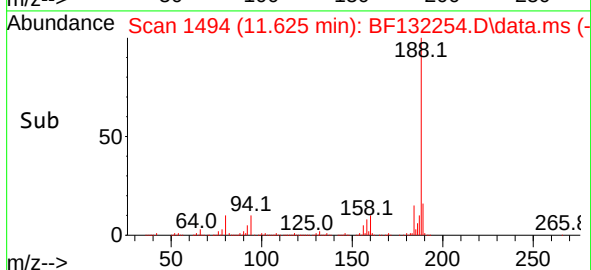
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

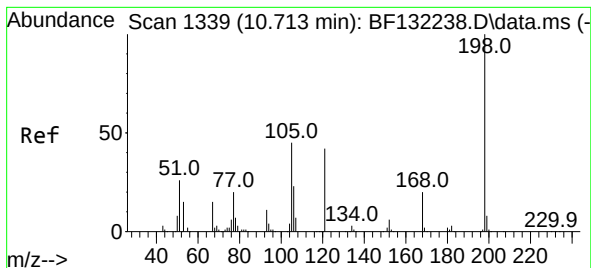


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.625 min Scan# 1494
Delta R.T. 0.000 min
Lab File: BF132254.D
Acq: 01 Feb 2023 11:48



Tgt Ion:188 Resp: 621047
Ion Ratio Lower Upper
188 100
94 10.2 8.2 12.2
80 10.4 8.3 12.5





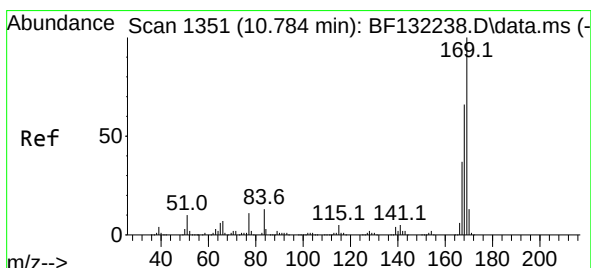
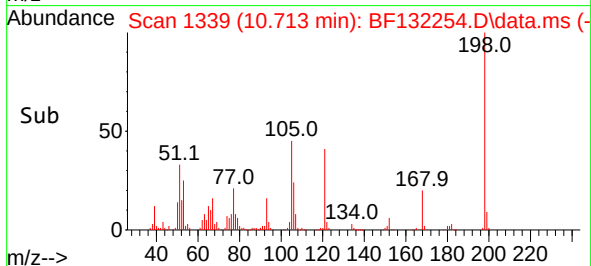
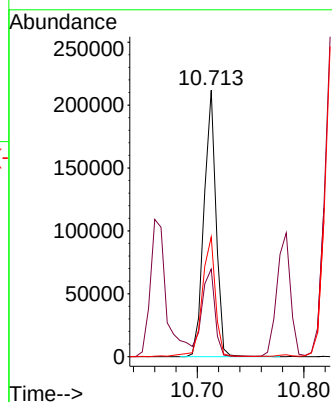
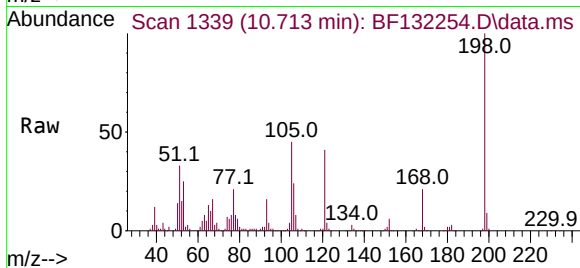
#65
4,6-Dinitro-2-methylphenol
Concen: 46.952 ng
RT: 10.713 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BF132254.D
Acq: 01 Feb 2023 11:48

Instrument :
BNA_F
ClientSampleId :
PB150575BS

Tgt Ion:198 Resp: 165497
Ion Ratio Lower Upper
198 100
51 32.9 13.1 53.1
105 44.9 26.0 66.0

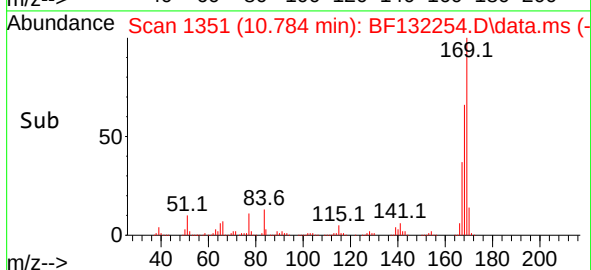
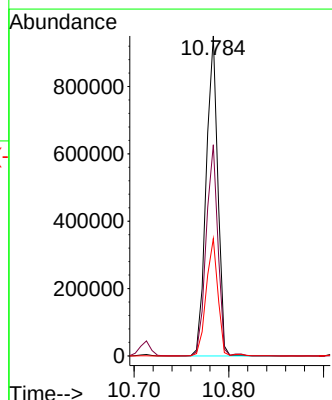
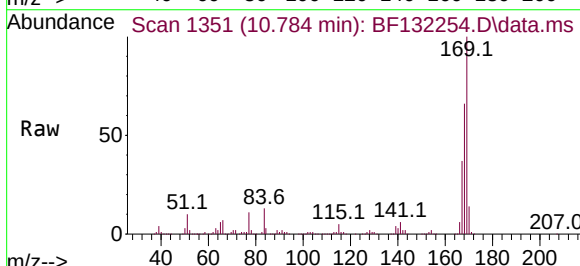
Manual Integrations
APPROVED

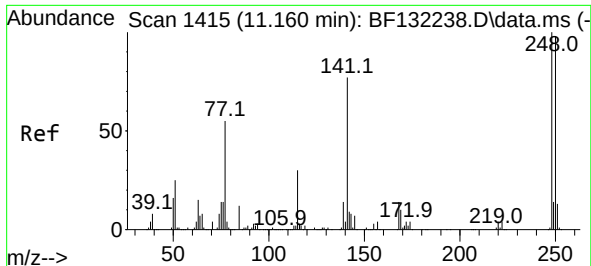
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#66
n-Nitrosodiphenylamine
Concen: 41.775 ng
RT: 10.784 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF132254.D
Acq: 01 Feb 2023 11:48

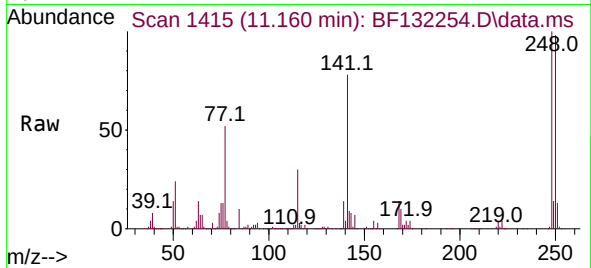
Tgt Ion:169 Resp: 812408
Ion Ratio Lower Upper
169 100
168 66.0 52.6 79.0
167 36.6 29.5 44.3





#67
4-Bromophenyl-phenylether
Concen: 42.635 ng
RT: 11.160 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF132254.D
Acq: 01 Feb 2023 11:48

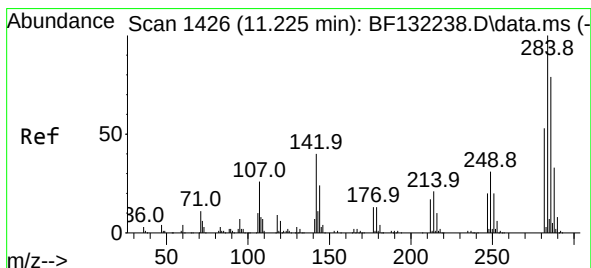
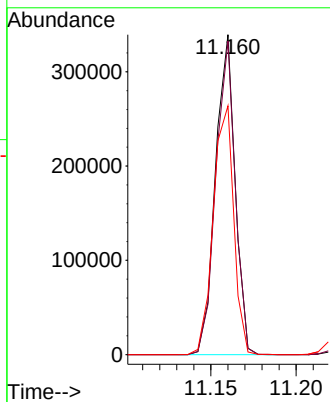
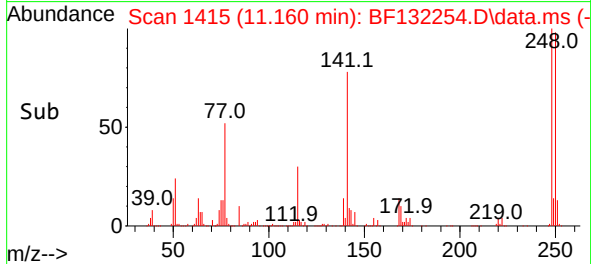
Instrument :
BNA_F
ClientSampleId :
PB150575BS



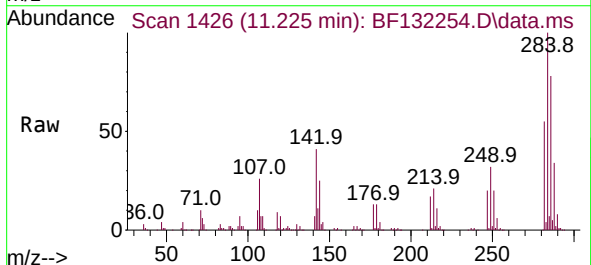
Tgt Ion:248 Resp: 271136
Ion Ratio Lower Upper
248 100
250 98.0 78.6 117.8
141 77.7 61.6 92.4

Manual Integrations
APPROVED

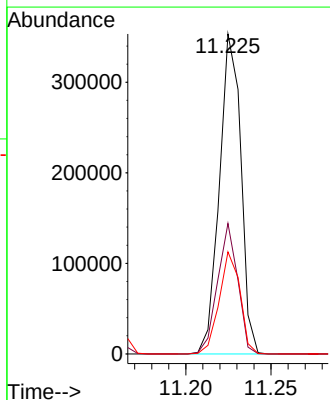
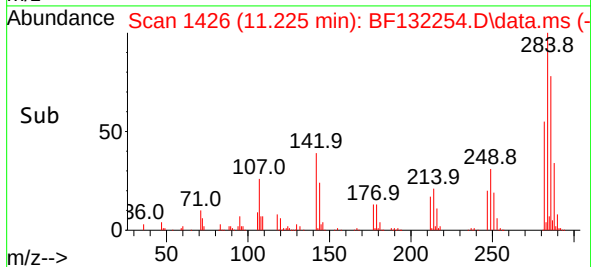
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

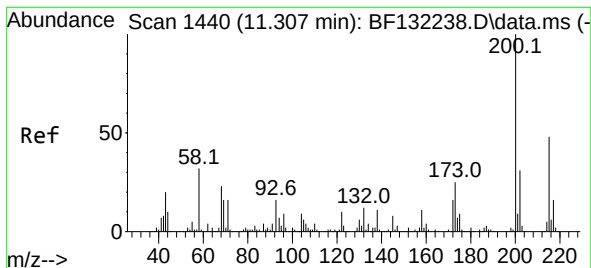


#68
Hexachlorobenzene
Concen: 45.448 ng
RT: 11.225 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF132254.D
Acq: 01 Feb 2023 11:48



Tgt Ion:284 Resp: 308921
Ion Ratio Lower Upper
284 100
142 40.8 32.2 48.4
249 31.9 25.0 37.6





#69

Atrazine

Concen: 48.439 ng

RT: 11.307 min Scan# 1440

Delta R.T. 0.000 min

Lab File: BF132254.D

Acq: 01 Feb 2023 11:48

Instrument :

BNA_F

ClientSampleId :

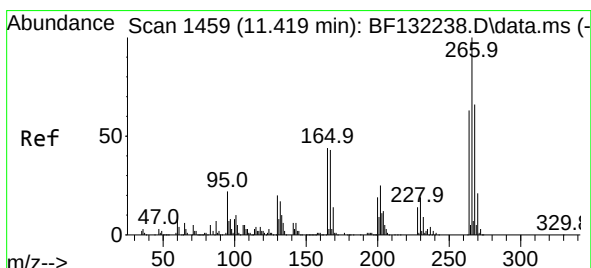
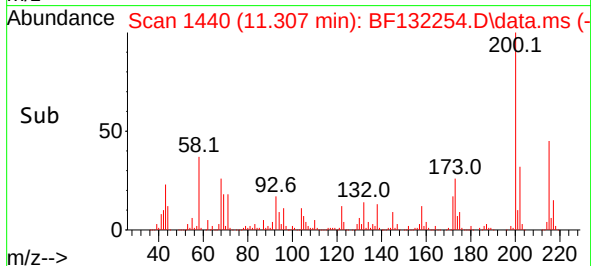
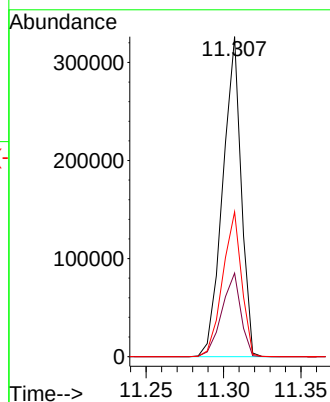
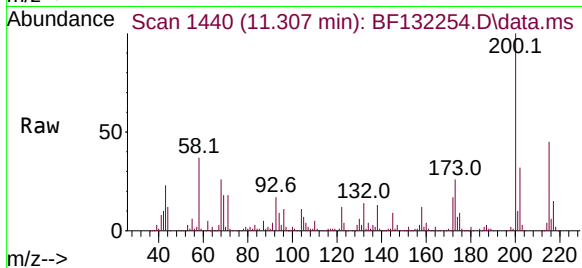
PB150575BS

Tgt Ion:200 Resp: 270953
 Ion Ratio Lower Upper
 200 100
 173 26.1 5.1 45.1
 215 45.2 27.6 67.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/02/2023
 Supervised By :Jagrut Upadhyay 02/02/2023



#70

Pentachlorophenol

Concen: 76.748 ng

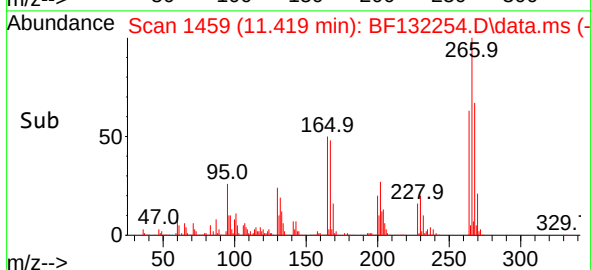
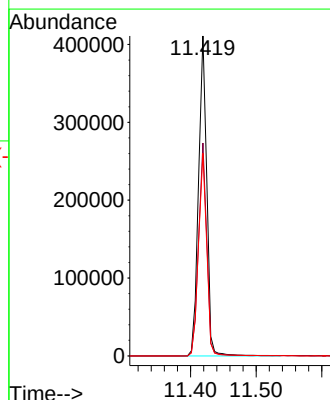
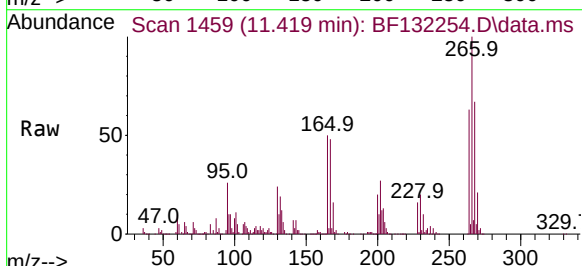
RT: 11.419 min Scan# 1459

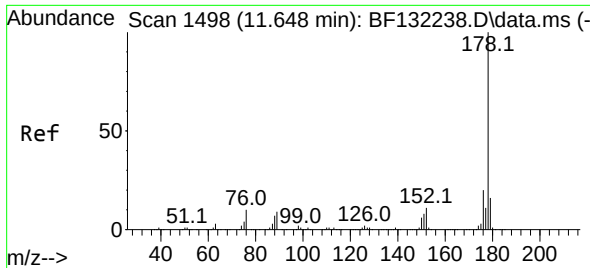
Delta R.T. 0.000 min

Lab File: BF132254.D

Acq: 01 Feb 2023 11:48

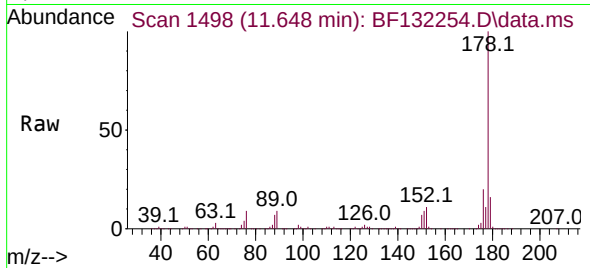
Tgt Ion:266 Resp: 358437
 Ion Ratio Lower Upper
 266 100
 268 66.5 53.0 79.4
 264 63.4 50.5 75.7





#71
Phenanthrene
Concen: 42.539 ng
RT: 11.648 min Scan# 1498
Delta R.T. 0.000 min
Lab File: BF132254.D
Acq: 01 Feb 2023 11:48

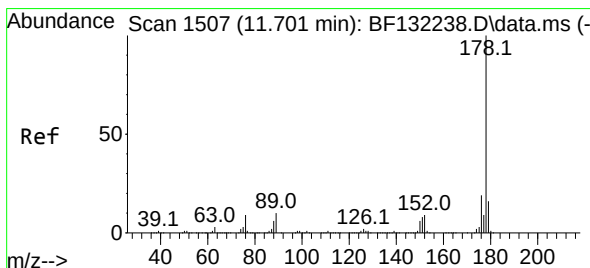
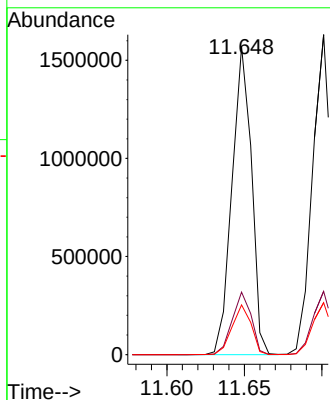
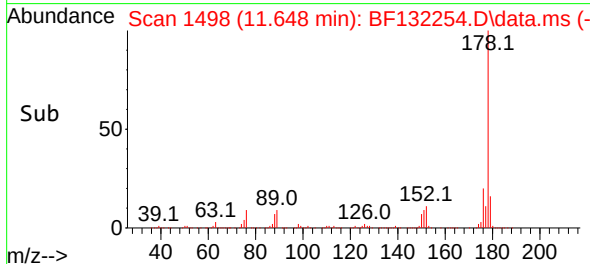
Instrument :
BNA_F
ClientSampleId :
PB150575BS



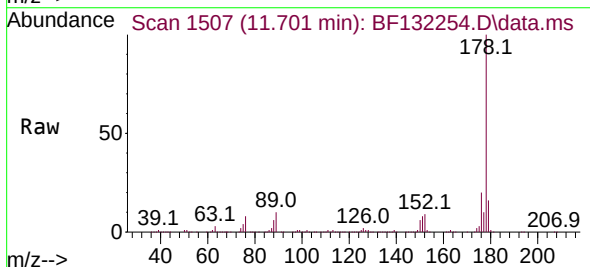
Tgt Ion:178 Resp: 1380523
Ion Ratio Lower Upper
178 100
176 20.3 16.2 24.4
179 16.1 12.8 19.2

Manual Integrations
APPROVED

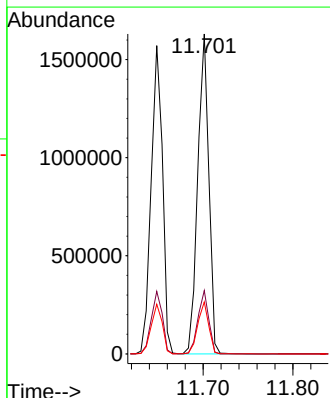
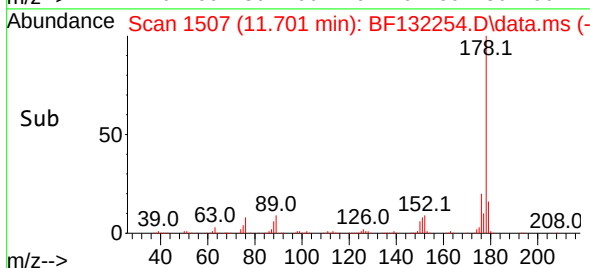
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

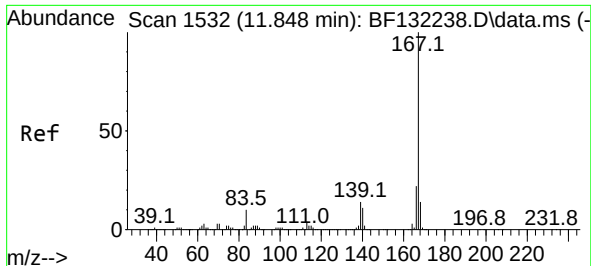


#72
Anthracene
Concen: 42.361 ng
RT: 11.701 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF132254.D
Acq: 01 Feb 2023 11:48



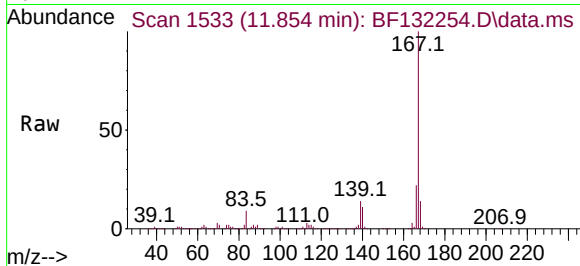
Tgt Ion:178 Resp: 1399063
Ion Ratio Lower Upper
178 100
176 19.8 15.4 23.2
179 16.2 12.8 19.2





#73
Carbazole
Concen: 42.980 ng
RT: 11.854 min Scan# 1533
Delta R.T. 0.006 min
Lab File: BF132254.D
Acq: 01 Feb 2023 11:48

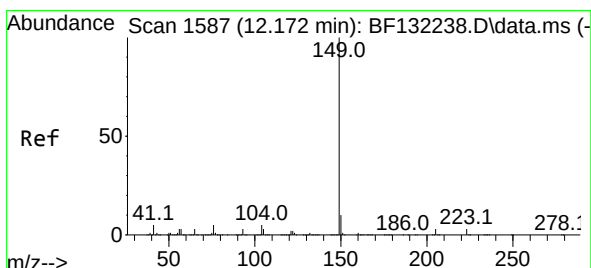
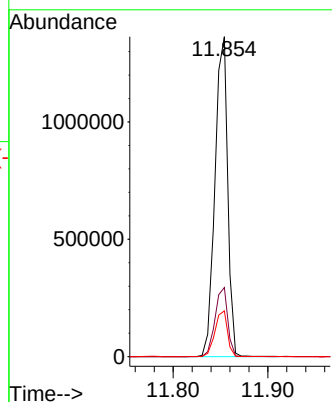
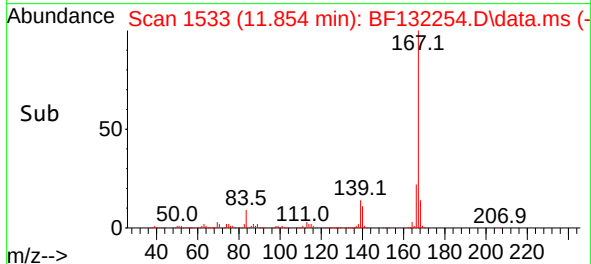
Instrument :
BNA_F
ClientSampleId :
PB150575BS



Tgt Ion:167 Resp: 1272808
Ion Ratio Lower Upper
167 100
166 21.6 17.4 26.0
139 14.3 11.4 17.2

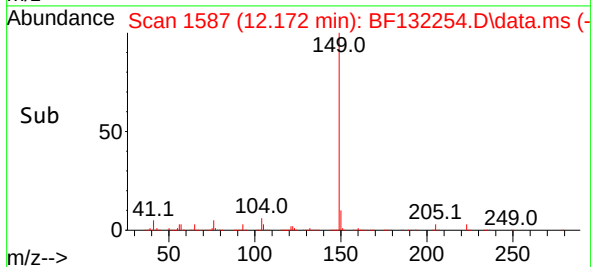
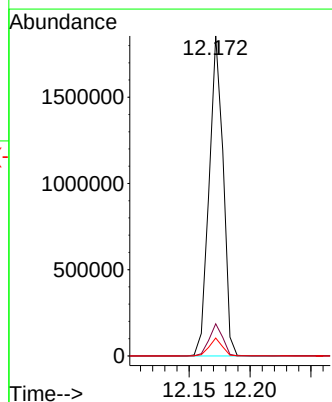
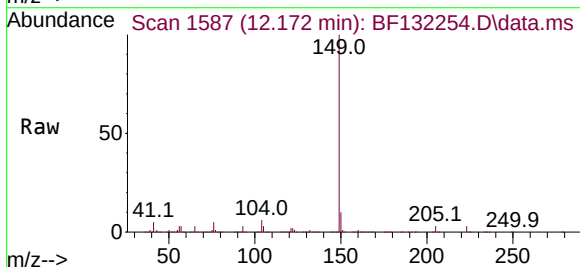
Manual Integrations
APPROVED

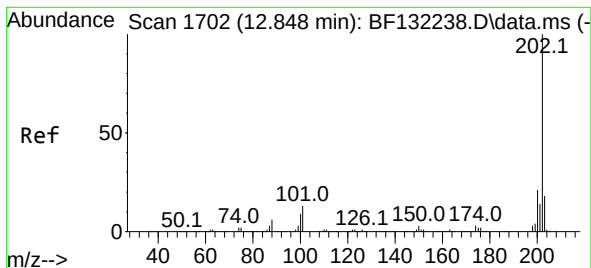
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#74
Di-n-butylphthalate
Concen: 42.544 ng
RT: 12.172 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BF132254.D
Acq: 01 Feb 2023 11:48

Tgt Ion:149 Resp: 1489474
Ion Ratio Lower Upper
149 100
150 10.0 7.8 11.8
104 5.6 4.3 6.5





#75

Fluoranthene

Concen: 42.511 ng

RT: 12.848 min Scan# 1702

Delta R.T. 0.000 min

Lab File: BF132254.D

Acq: 01 Feb 2023 11:48

Instrument :

BNA_F

ClientSampleId :

PB150575BS

Tgt Ion:202 Resp: 140786

Ion Ratio Lower Upper

202 100

101 12.0 0.0 32.7

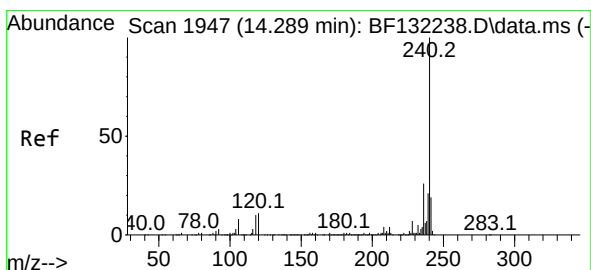
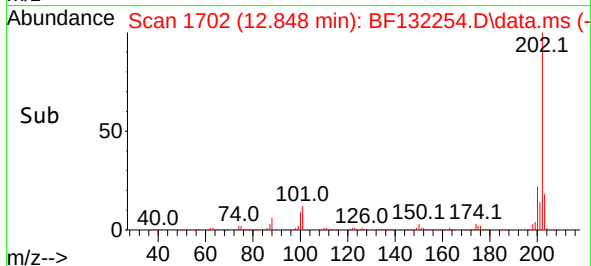
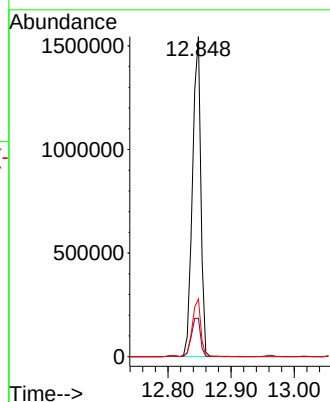
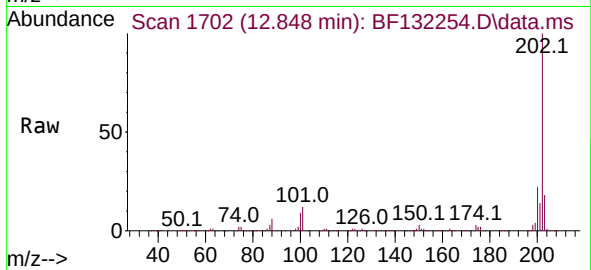
203 18.0 0.0 37.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/02/2023

Supervised By :Jagrut Upadhyay 02/02/2023



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.289 min Scan# 1947

Delta R.T. 0.000 min

Lab File: BF132254.D

Acq: 01 Feb 2023 11:48

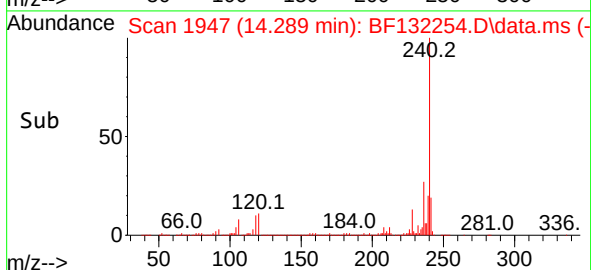
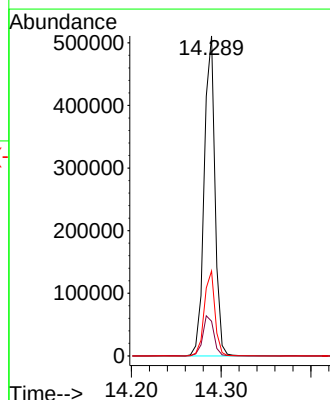
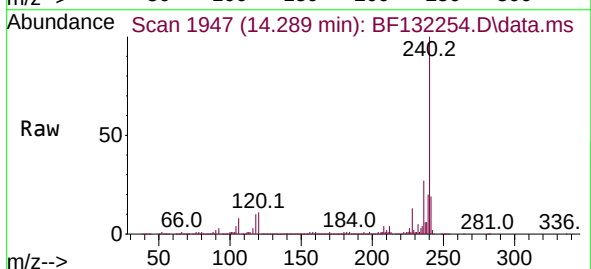
Tgt Ion:240 Resp: 425447

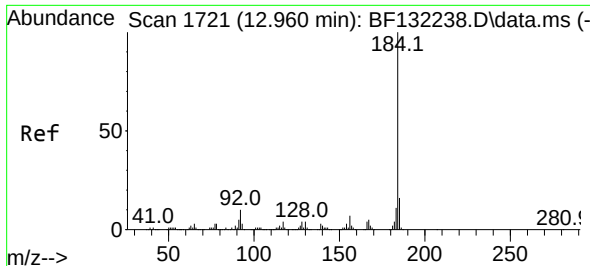
Ion Ratio Lower Upper

240 100

120 10.8 8.8 13.2

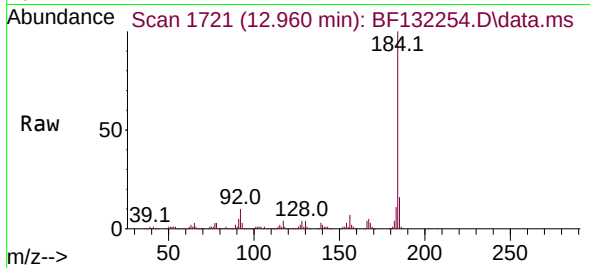
236 26.5 21.0 31.6





#77
Benzidine
Concen: 50.481 ng
RT: 12.960 min Scan# 1721
Delta R.T. -0.000 min
Lab File: BF132254.D
Acq: 01 Feb 2023 11:48

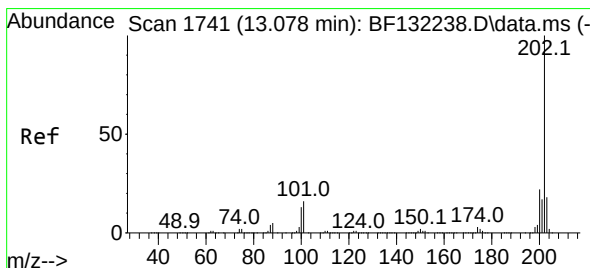
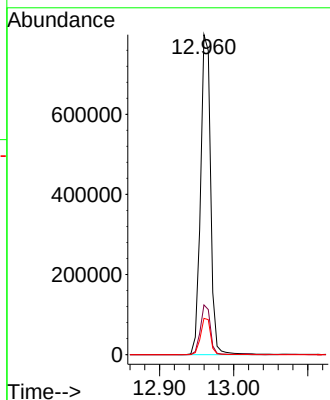
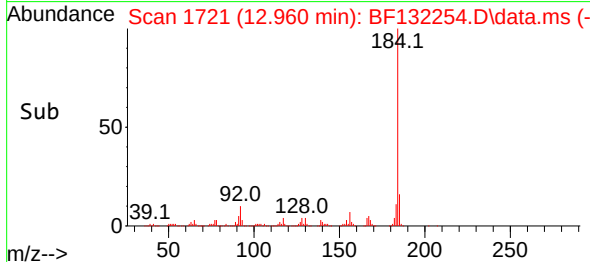
Instrument :
BNA_F
ClientSampleId :
PB150575BS



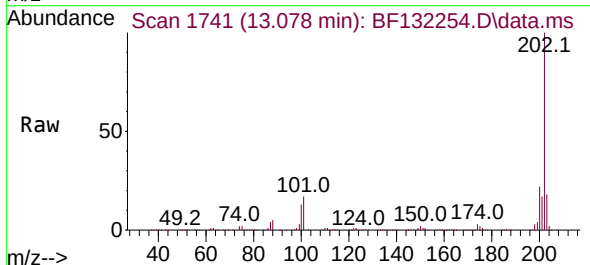
Tgt Ion:184 Resp: 750852
Ion Ratio Lower Upper
184 100
185 15.6 12.6 18.8
183 11.3 8.9 13.3

Manual Integrations
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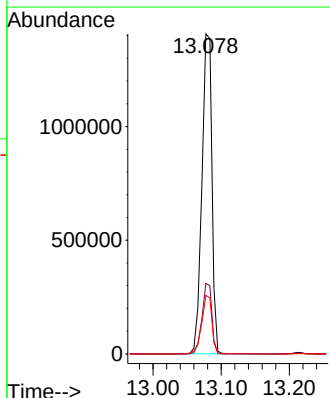
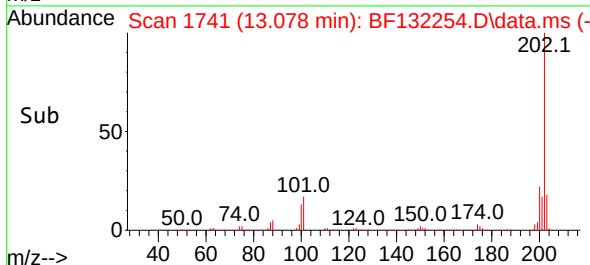
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

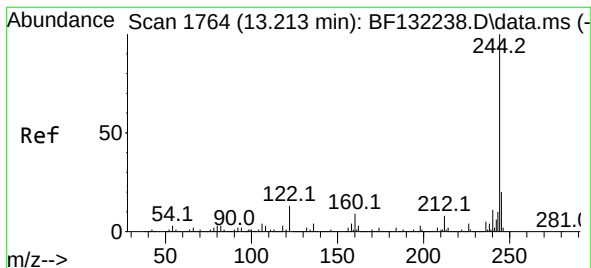


#78
Pyrene
Concen: 42.093 ng
RT: 13.078 min Scan# 1741
Delta R.T. 0.000 min
Lab File: BF132254.D
Acq: 01 Feb 2023 11:48



Tgt Ion:202 Resp: 1440380
Ion Ratio Lower Upper
202 100
200 22.0 17.3 25.9
203 18.3 14.4 21.6





#79

Terphenyl-d14

Concen: 67.023 ng

RT: 13.213 min Scan# 1764

Delta R.T. 0.000 min

Lab File: BF132254.D

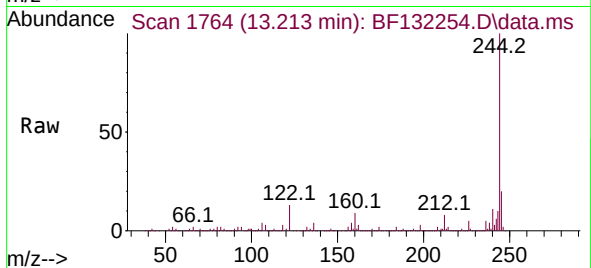
Acq: 01 Feb 2023 11:48

Instrument :

BNA_F

ClientSampleId :

PB150575BS



Tgt Ion:244 Resp: 1474072

Ion Ratio Lower Upper

244 100

212 8.2 6.4 9.6

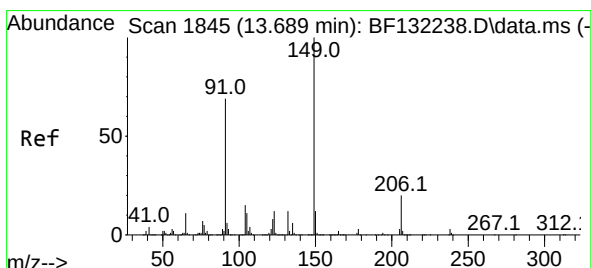
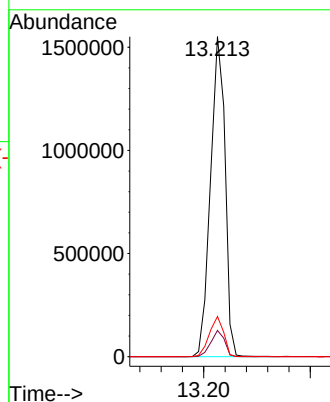
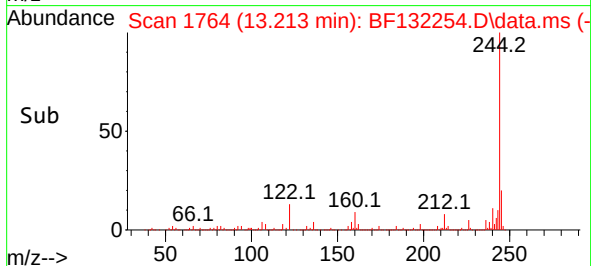
122 12.5 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/02/2023

Supervised By :Jagrut Upadhyay 02/02/2023



#80

Butylbenzylphthalate

Concen: 43.892 ng

RT: 13.689 min Scan# 1845

Delta R.T. 0.000 min

Lab File: BF132254.D

Acq: 01 Feb 2023 11:48

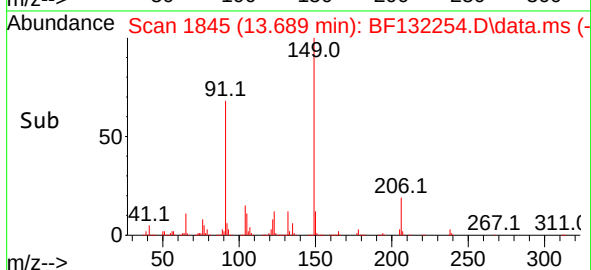
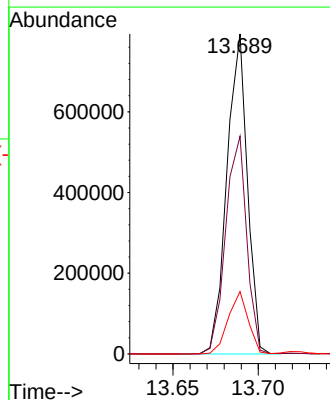
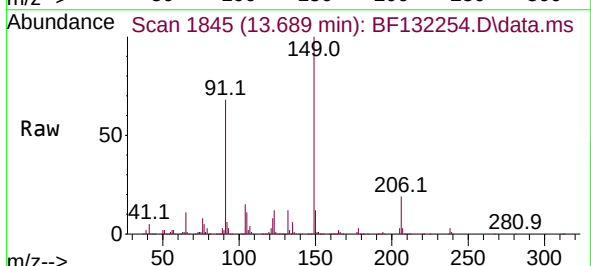
Tgt Ion:149 Resp: 663584

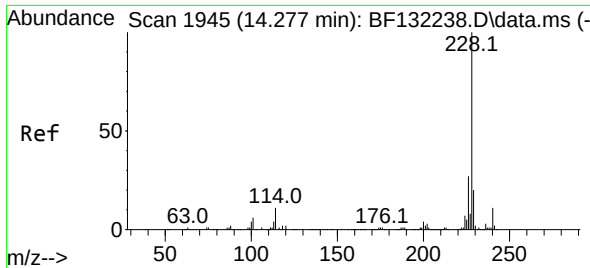
Ion Ratio Lower Upper

149 100

91 68.0 55.0 82.6

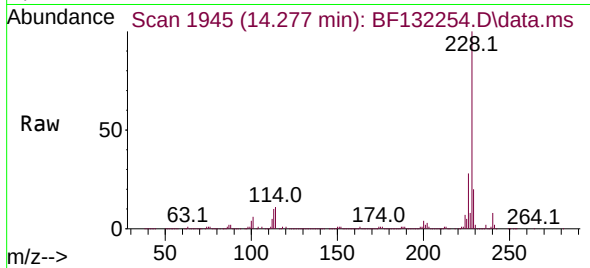
206 19.5 15.9 23.9





#81
Benzo(a)anthracene
Concen: 43.354 ng
RT: 14.277 min Scan# 1945
Delta R.T. 0.000 min
Lab File: BF132254.D
Acq: 01 Feb 2023 11:48

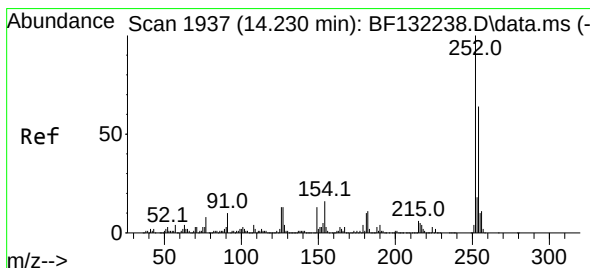
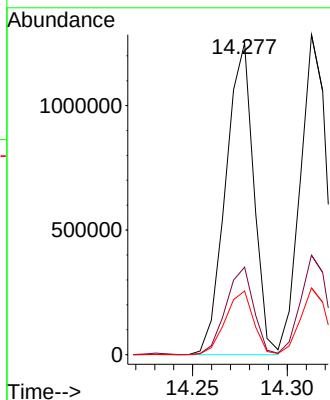
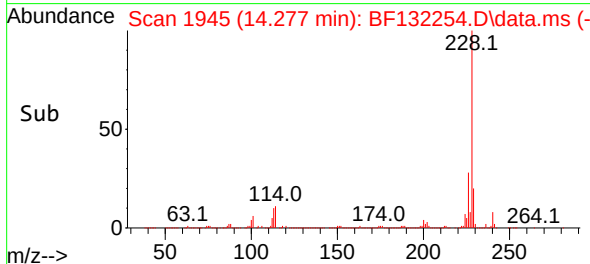
Instrument :
BNA_F
ClientSampleId :
PB150575BS



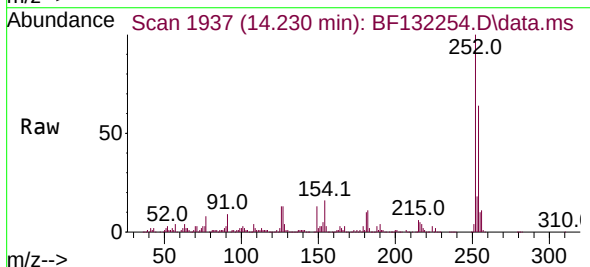
Tgt Ion:228 Resp: 1290062
Ion Ratio Lower Upper
228 100
226 28.1 22.0 33.0
229 20.4 15.8 23.6

Manual Integrations
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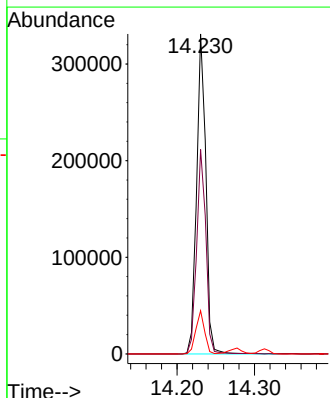
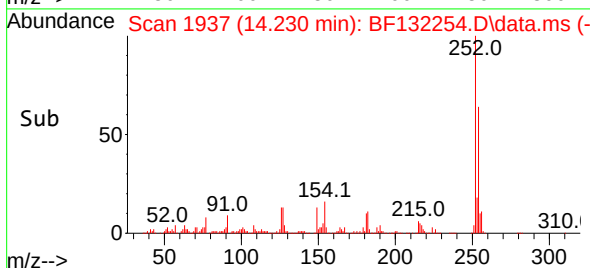
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

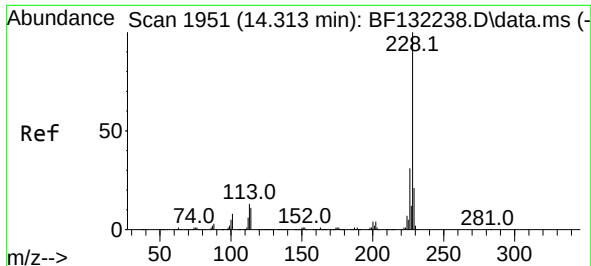


#82
3,3'-Dichlorobenzidine
Concen: 28.883 ng
RT: 14.230 min Scan# 1937
Delta R.T. 0.000 min
Lab File: BF132254.D
Acq: 01 Feb 2023 11:48



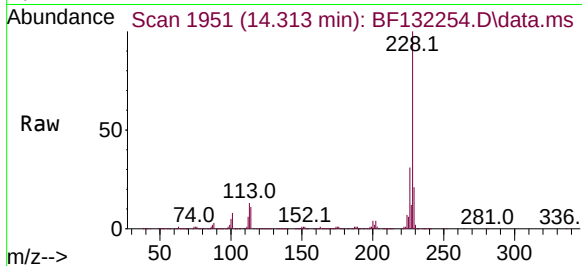
Tgt Ion:252 Resp: 273737
Ion Ratio Lower Upper
252 100
254 63.9 51.6 77.4
126 13.5 10.5 15.7





#83
Chrysene
Concen: 43.220 ng
RT: 14.313 min Scan# 1951
Delta R.T. 0.000 min
Lab File: BF132254.D
Acq: 01 Feb 2023 11:48

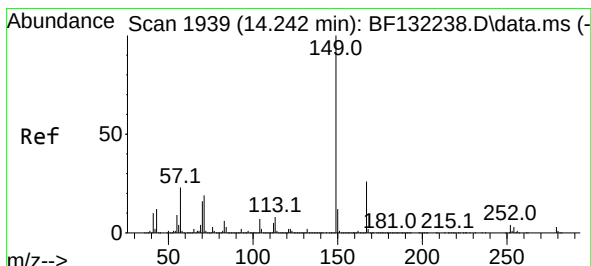
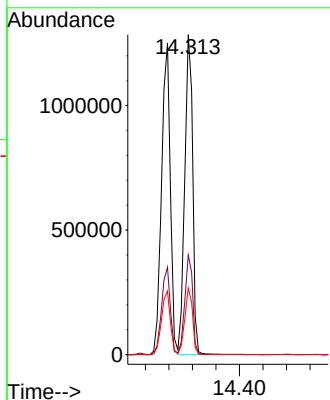
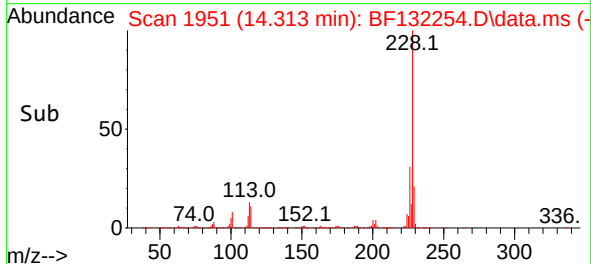
Instrument :
BNA_F
ClientSampleId :
PB150575BS



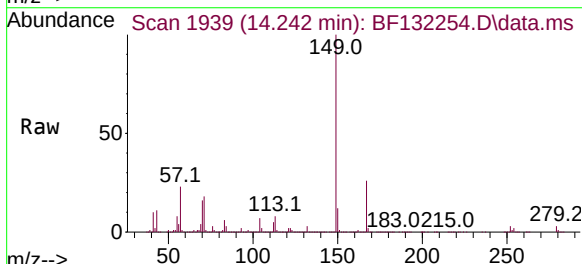
Tgt Ion:228 Resp: 1204246
Ion Ratio Lower Upper
228 100
226 31.1 24.9 37.3
229 20.8 16.4 24.6

Manual Integrations
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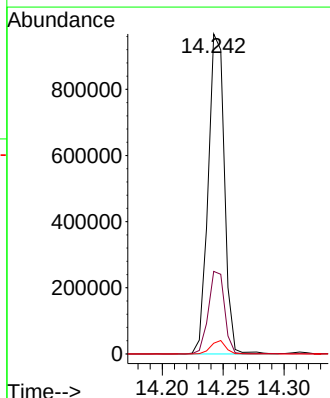
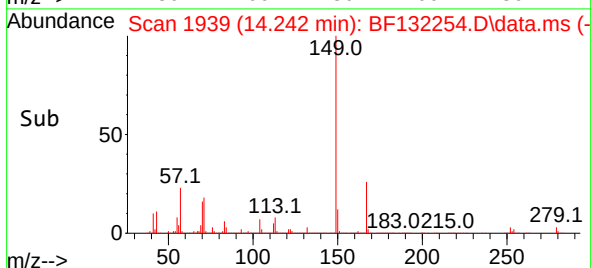
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

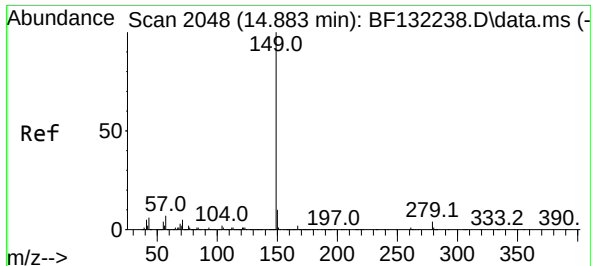


#84
Bis(2-ethylhexyl)phthalate
Concen: 43.952 ng
RT: 14.242 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BF132254.D
Acq: 01 Feb 2023 11:48



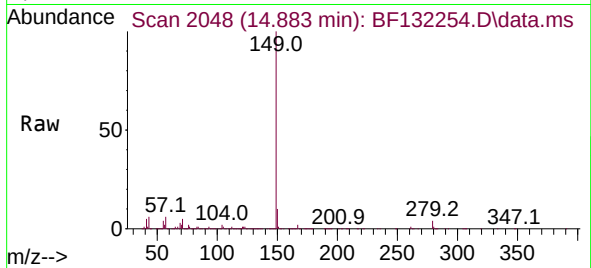
Tgt Ion:149 Resp: 898167
Ion Ratio Lower Upper
149 100
167 25.8 20.7 31.1
279 3.3 2.7 4.1





#85
Di-n-octyl phthalate
Concen: 45.294 ng
RT: 14.883 min Scan# 2048
Delta R.T. 0.000 min
Lab File: BF132254.D
Acq: 01 Feb 2023 11:48

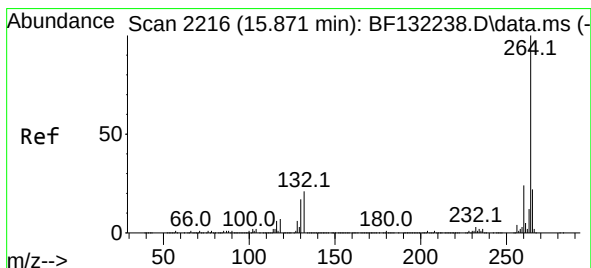
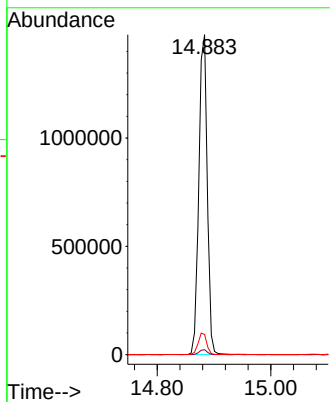
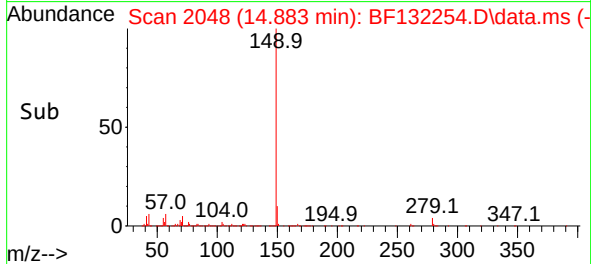
Instrument :
BNA_F
ClientSampleId :
PB150575BS



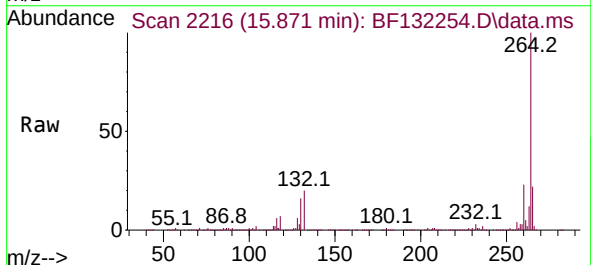
Tgt Ion:149 Resp: 1509686
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 6.8 5.9 8.9

Manual Integrations
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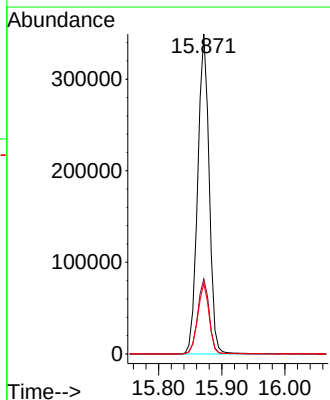
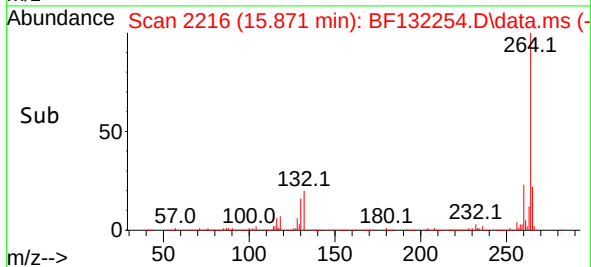
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

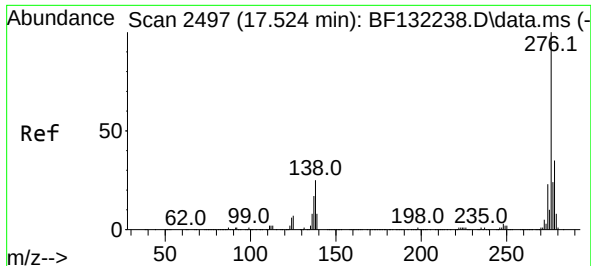


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.871 min Scan# 2216
Delta R.T. 0.000 min
Lab File: BF132254.D
Acq: 01 Feb 2023 11:48



Tgt Ion:264 Resp: 439400
Ion Ratio Lower Upper
264 100
260 23.4 19.0 28.4
265 22.0 17.4 26.2





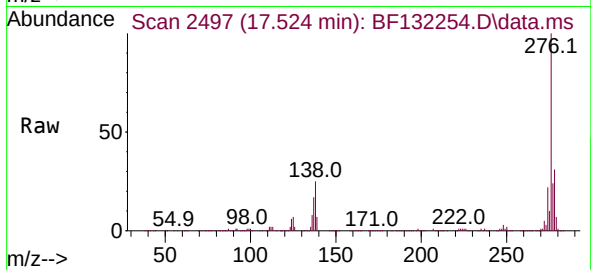
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.945 ng
 RT: 17.524 min Scan# 2497
 Delta R.T. 0.000 min
 Lab File: BF132254.D
 Acq: 01 Feb 2023 11:48

Instrument :

BNA_F

ClientSampleId :

PB150575BS

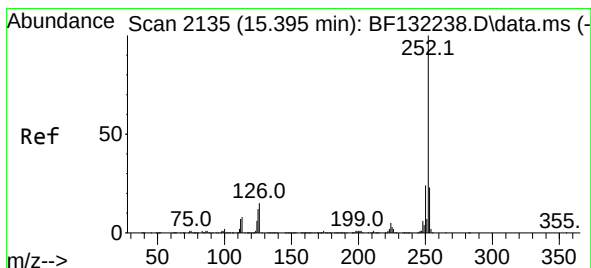
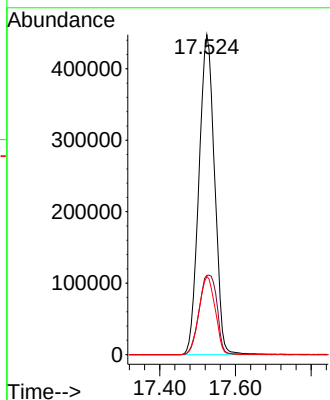
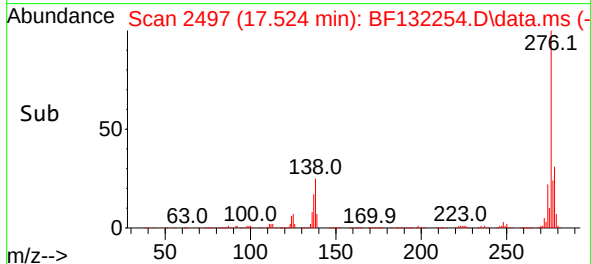


Tgt Ion: 276 Resp: 1283038
 Ion Ratio Lower Upper
 276 100
 138 28.5 23.3 34.9
 277 25.1 20.0 30.0

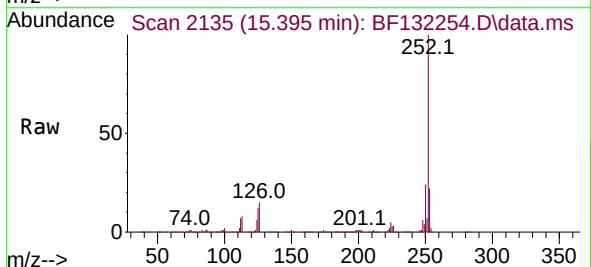
Manual Integrations

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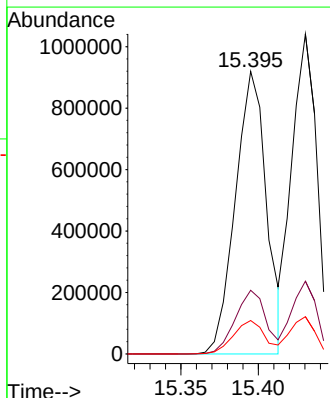
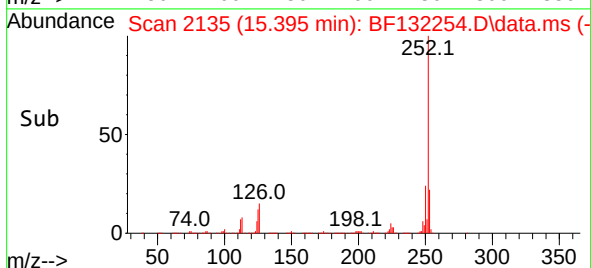
Reviewed By : Christian Giraldo 02/02/2023
 Supervised By : Jagrut Upadhyay 02/02/2023

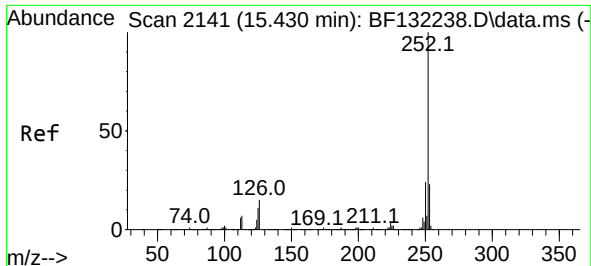


#88
 Benzo(b)fluoranthene
 Concen: 46.109 ng
 RT: 15.395 min Scan# 2135
 Delta R.T. 0.000 min
 Lab File: BF132254.D
 Acq: 01 Feb 2023 11:48



Tgt Ion: 252 Resp: 1287826
 Ion Ratio Lower Upper
 252 100
 253 22.5 18.1 27.1
 125 11.8 9.6 14.4





#89

Benzo(k)fluoranthene

Concen: 44.244 ng

RT: 15.430 min Scan# 2141

Delta R.T. 0.000 min

Lab File: BF132254.D

Acq: 01 Feb 2023 11:48

Instrument :

BNA_F

ClientSampleId :

PB150575BS

Tgt Ion:252 Resp: 1179562

Ion Ratio Lower Upper

252 100

253 22.7 18.2 27.2

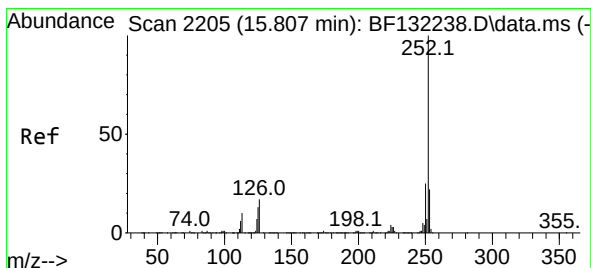
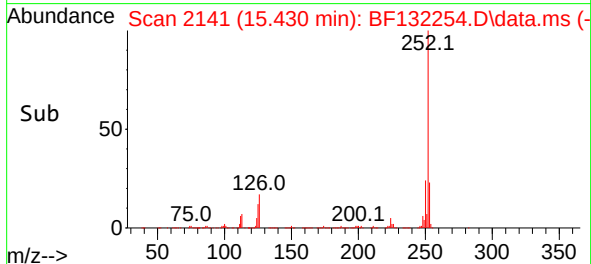
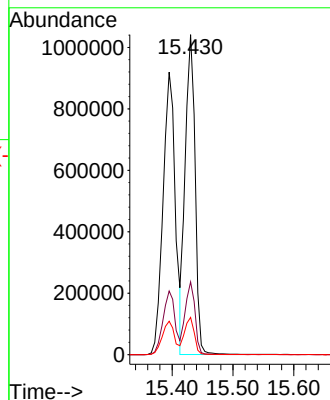
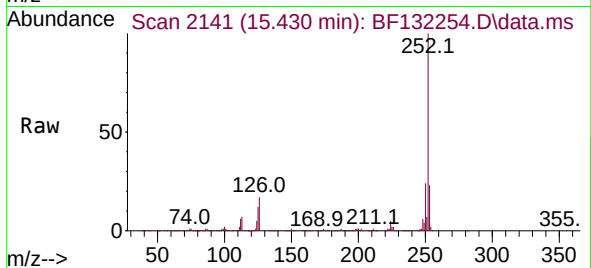
125 11.6 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/02/2023

Supervised By :Jagrut Upadhyay 02/02/2023



#90

Benzo(a)pyrene

Concen: 41.731 ng

RT: 15.807 min Scan# 2205

Delta R.T. 0.000 min

Lab File: BF132254.D

Acq: 01 Feb 2023 11:48

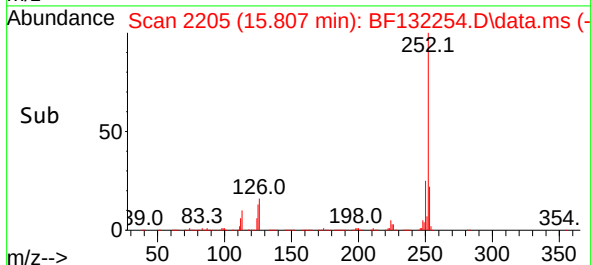
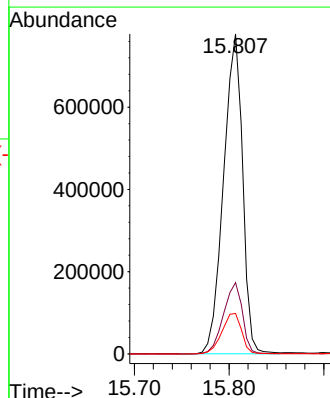
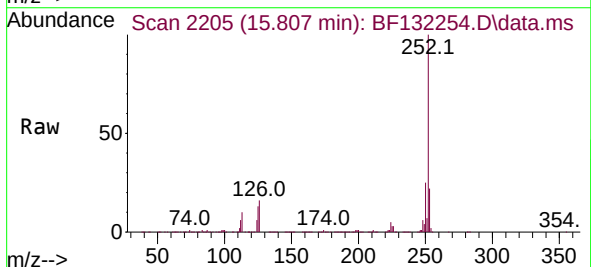
Tgt Ion:252 Resp: 1085370

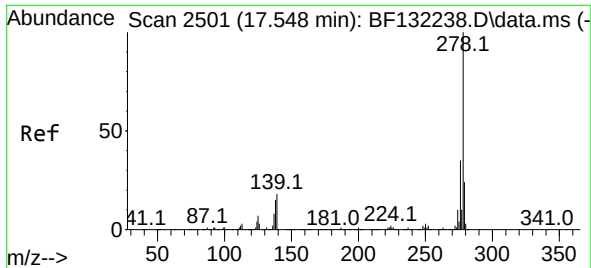
Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

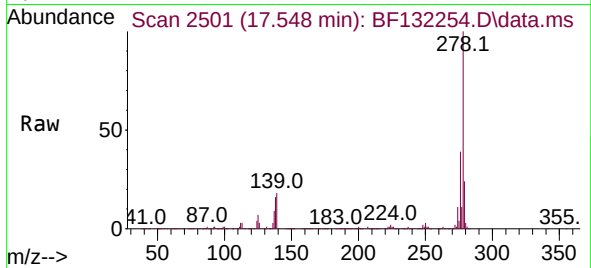
125 12.6 10.2 15.4





#91
Dibenzo(a,h)anthracene
Concen: 44.163 ng
RT: 17.548 min Scan# 2501
Delta R.T. 0.000 min
Lab File: BF132254.D
Acq: 01 Feb 2023 11:48

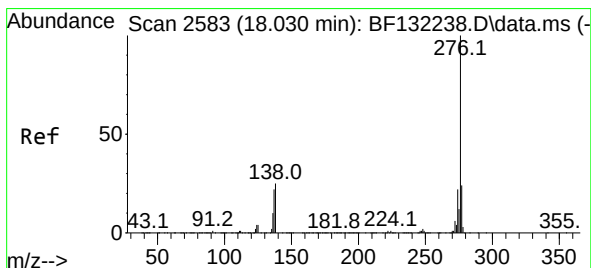
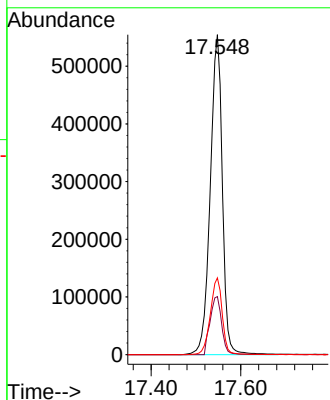
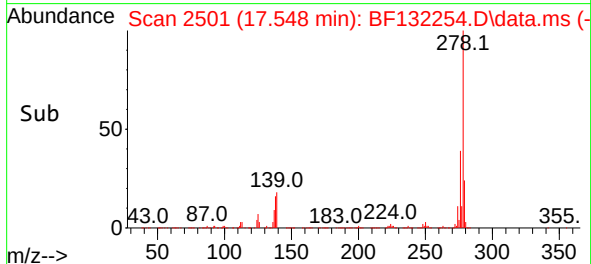
Instrument :
BNA_F
ClientSampleId :
PB150575BS



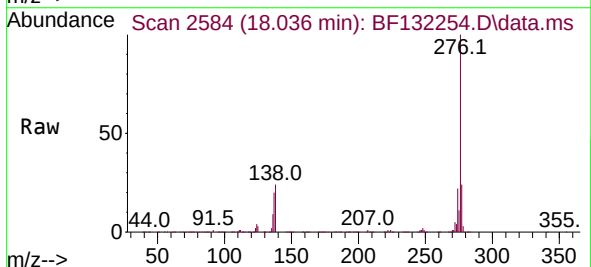
Tgt Ion:278 Resp: 1036668
Ion Ratio Lower Upper
278 100
139 18.1 14.2 21.2
279 24.0 19.6 29.4

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#92
Benzo(g,h,i)perylene
Concen: 43.001 ng
RT: 18.036 min Scan# 2584
Delta R.T. 0.006 min
Lab File: BF132254.D
Acq: 01 Feb 2023 11:48



Tgt Ion:276 Resp: 1042807
Ion Ratio Lower Upper
276 100
277 23.7 19.4 29.2
138 24.0 20.3 30.5

