

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020923\
 Data File : BF132374.D
 Acq On : 09 Feb 2023 11:21
 Operator : CG\JU
 Sample : PB150738BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150738BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/10/2023
 Supervised By : Jagrut Upadhyay 02/10/2023

Quant Time: Feb 10 00:57:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 09 01:56:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.048	152	190371	20.000	ng	0.00
21) Naphthalene-d8	8.337	136	718610	20.000	ng	# 0.00
39) Acenaphthene-d10	10.101	164	351555	20.000	ng	0.00
64) Phenanthrene-d10	11.595	188	625130	20.000	ng	0.00
76) Chrysene-d12	14.254	240	337993	20.000	ng	0.00
86) Perylene-d12	15.824	264	311271	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	1414834	119.461	ng	0.02
7) Phenol-d6	6.672	99	1671429	114.471	ng	0.00
23) Nitrobenzene-d5	7.613	82	1011632	78.338	ng	0.00
42) 2,4,6-Tribromophenol	10.895	330	568253	157.182	ng	0.00
45) 2-Fluorobiphenyl	9.413	172	1893311	83.166	ng	0.00
79) Terphenyl-d14	13.189	244	1985266	113.621	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.055	88	193243	34.676	ng	94
3) Pyridine	3.790	79	468372	30.980	ng	95
4) n-Nitrosodimethylamine	3.755	42	172792	35.719	ng	93
6) Aniline	6.707	93	613741m	30.976	ng	
8) 2-Chlorophenol	6.831	128	566532	46.186	ng	96
9) Benzaldehyde	6.596	77	182963	18.940	ng	98
10) Phenol	6.684	94	604039	39.968	ng	98
11) bis(2-Chloroethyl)ether	6.778	93	528982	42.530	ng	95
12) 1,3-Dichlorobenzene	6.990	146	594753	45.844	ng	98
13) 1,4-Dichlorobenzene	7.066	146	596453	46.058	ng	99
14) 1,2-Dichlorobenzene	7.219	146	578913	47.935	ng	98
15) Benzyl Alcohol	7.190	79	417487	39.185	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.319	45	469406	35.820	ng	92
17) 2-Methylphenol	7.290	107	434483	40.464	ng	99
18) Hexachloroethane	7.560	117	227135	46.754	ng	97
19) n-Nitroso-di-n-propyla...	7.460	70	297787	35.905	ng	96
20) 3+4-Methylphenols	7.448	107	525497	38.345	ng	# 84
22) Acetophenone	7.460	105	705355	41.738	ng	97
24) Nitrobenzene	7.637	77	501595	38.020	ng	91
25) Isophorone	7.872	82	963821	39.323	ng	94
26) 2-Nitrophenol	7.948	139	307398	47.836	ng	92
27) 2,4-Dimethylphenol	7.978	122	491043	43.656	ng	100
28) bis(2-Chloroethoxy)met...	8.078	93	611371	40.590	ng	99
29) 2,4-Dichlorophenol	8.190	162	453424	45.405	ng	96
30) 1,2,4-Trichlorobenzene	8.272	180	508197	47.522	ng	99
31) Naphthalene	8.360	128	1494489	42.250	ng	99
32) Benzoic acid	8.095	122	370756	44.531	ng	94
33) 4-Chloroaniline	8.401	127	244030	15.558	ng	96
34) Hexachlorobutadiene	8.466	225	304034	50.573	ng	100
35) Caprolactam	8.784	113	141590m	41.590	ng	
36) 4-Chloro-3-methylphenol	8.878	107	456879	42.467	ng	96
37) 2-Methylnaphthalene	9.048	142	990707	41.349	ng	99
38) 1-Methylnaphthalene	9.154	142	927810	41.669	ng	100
40) 1,2,4,5-Tetrachloroben...	9.219	216	475700	48.084	ng	99
41) Hexachlorocyclopentadiene	9.201	237	537341	93.095	ng	99
43) 2,4,6-Trichlorophenol	9.325	196	332170	46.970	ng	98

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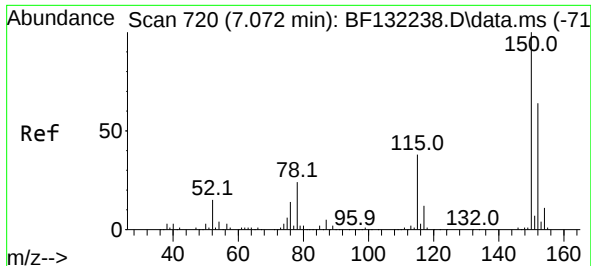
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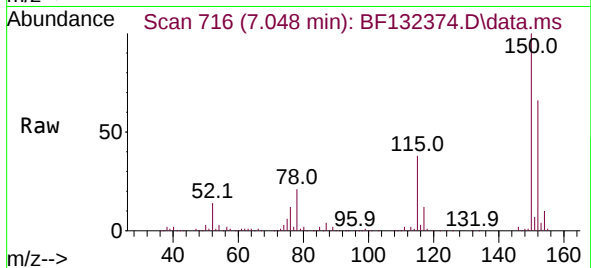
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.366	196	353951	43.484	ng	99
46) 1,1'-Biphenyl	9.519	154	1194245	44.063	ng	97
47) 2-Chloronaphthalene	9.542	162	930669	45.084	ng	98
48) 2-Nitroaniline	9.636	65	220089	35.849	ng	# 81
49) Acenaphthylene	9.966	152	1431919	42.502	ng	99
50) Dimethylphthalate	9.813	163	1084825	44.114	ng	98
51) 2,6-Dinitrotoluene	9.878	165	246344	44.854	ng	88
52) Acenaphthene	10.136	154	1023265	48.514	ng	99
53) 3-Nitroaniline	10.048	138	184887	27.759	ng	95
54) 2,4-Dinitrophenol	10.154	184	287591	89.775	ng	96
55) Dibenzofuran	10.307	168	1251840	42.241	ng	100
56) 4-Nitrophenol	10.201	139	404339	80.674	ng	93
57) 2,4-Dinitrotoluene	10.284	165	327353	45.884	ng	91
58) Fluorene	10.654	166	978509	42.903	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.419	232	280556	47.279	ng	98
60) Diethylphthalate	10.513	149	1085189	44.359	ng	99
61) 4-Chlorophenyl-phenyle...	10.642	204	485930	44.893	ng	97
62) 4-Nitroaniline	10.672	138	241841	37.865	ng	95
63) Azobenzene	10.801	77	863618	36.242	ng	94
65) 4,6-Dinitro-2-methylph...	10.695	198	177742	50.097	ng	91
66) n-Nitrosodiphenylamine	10.760	169	853648	43.609	ng	99
67) 4-Bromophenyl-phenylether	11.136	248	311817	48.712	ng	94
68) Hexachlorobenzene	11.201	284	360459	52.684	ng	95
69) Atrazine	11.283	200	289952	51.497	ng	98
70) Pentachlorophenol	11.395	266	395445	84.119	ng	100
71) Phenanthrene	11.625	178	1401138	42.892	ng	100
72) Anthracene	11.678	178	1431391	43.057	ng	99
73) Carbazole	11.825	167	1240012	41.599	ng	99
74) Di-n-butylphthalate	12.148	149	1607843	45.625	ng	100
75) Fluoranthene	12.819	202	1369633	41.086	ng	98
77) Benzidine	12.930	184	306251	25.917	ng	99
78) Pyrene	13.054	202	1379298	50.737	ng	99
80) Butylbenzylphthalate	13.660	149	610439	50.825	ng	93
81) Benzo(a)anthracene	14.242	228	1055951	44.668	ng	99
82) 3,3'-Dichlorobenzidine	14.201	252	233395	30.998	ng	99
83) Chrysene	14.283	228	983720	44.440	ng	99
84) Bis(2-ethylhexyl)phtha...	14.213	149	795763	49.017	ng	99
85) Di-n-octyl phthalate	14.842	149	1186482	44.808	ng	# 96
87) Indeno(1,2,3-cd)pyrene	17.459	276	1068021	51.638	ng	95
88) Benzo(b)fluoranthene	15.354	252	997206	50.400	ng	98
89) Benzo(k)fluoranthene	15.389	252	891598	47.209	ng	98
90) Benzo(a)pyrene	15.760	252	825394	44.799	ng	98
91) Dibenzo(a,h)anthracene	17.477	278	877837	52.790	ng	98
92) Benzo(g,h,i)perylene	17.959	276	889300	51.766	ng	96

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.048 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

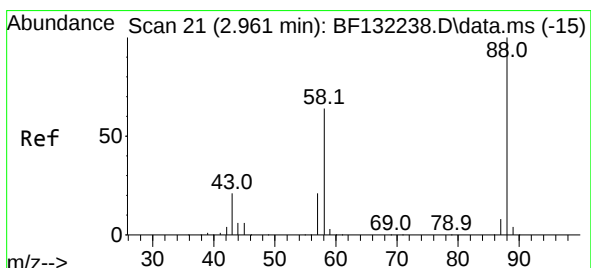
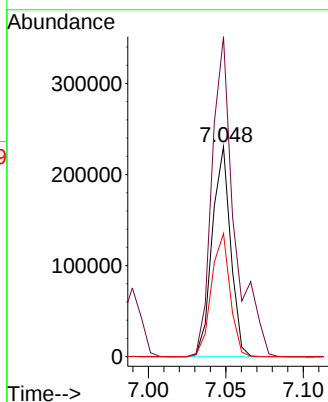
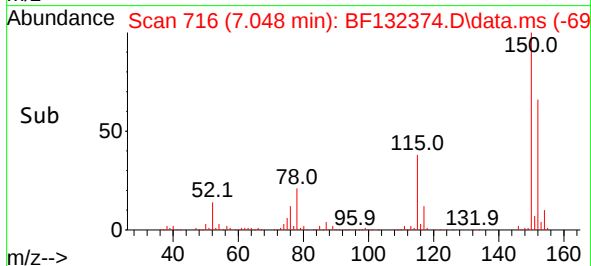
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PB150738BS



Tgt Ion:152 Resp: 19037
Ion Ratio Lower Upper
152 100
150 152.4 124.2 186.2
115 58.6 47.3 70.9

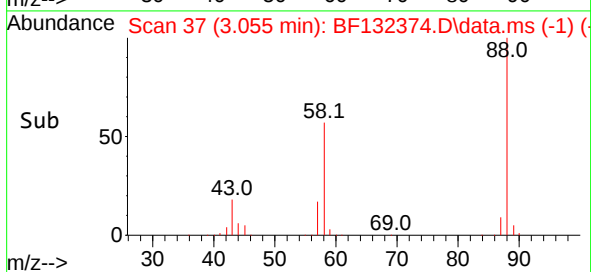
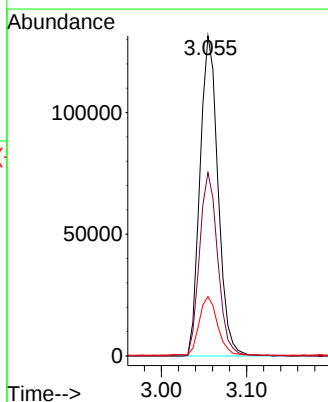
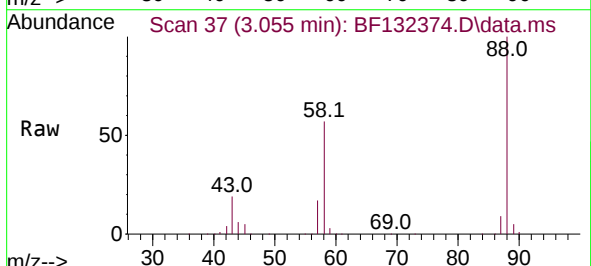
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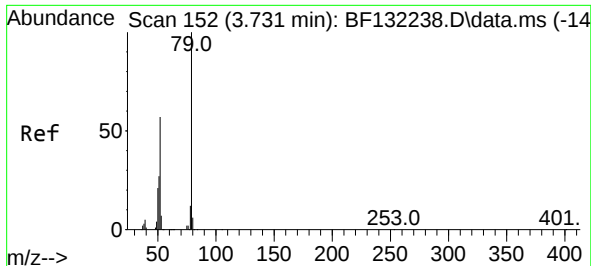
Reviewed By :Christian Giraldo 02/10/2023
Supervised By :Jagrut Upadhyay 02/10/2023



#2
1,4-Dioxane
Concen: 34.676 ng
RT: 3.055 min Scan# 37
Delta R.T. 0.124 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

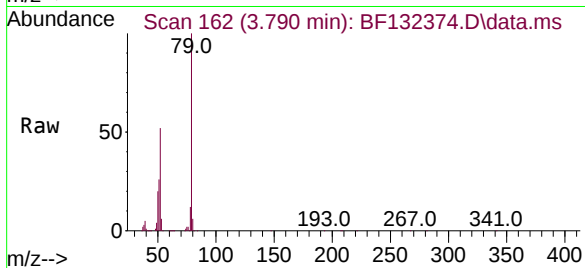
Tgt Ion: 88 Resp: 193243
Ion Ratio Lower Upper
88 100
58 57.8 50.2 75.2
43 18.5 16.9 25.3





#3
Pyridine
Concen: 30.980 ng
RT: 3.790 min Scan# 10
Delta R.T. 0.088 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

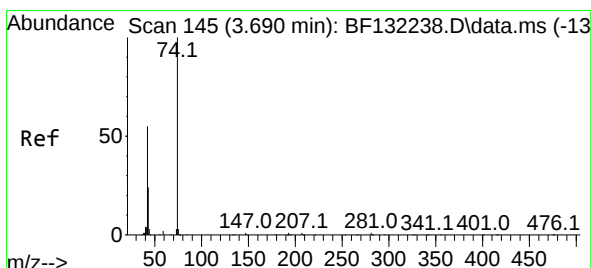
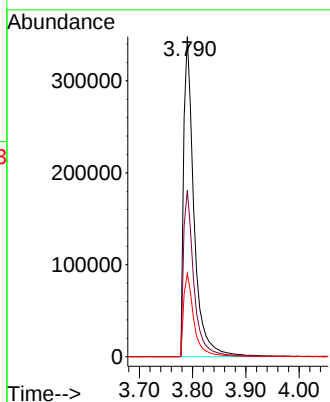
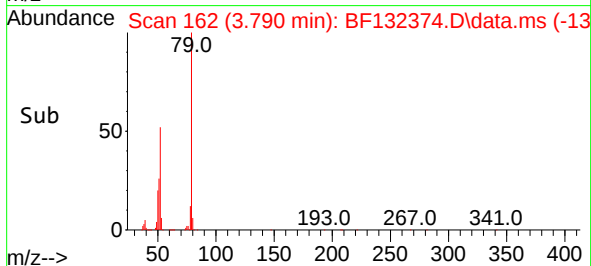
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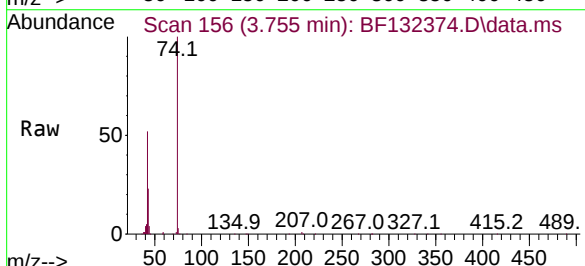
Tgt Ion: 79 Resp: 468372
Ion Ratio Lower Upper
79 100
52 52.0 45.6 68.4
51 26.0 21.5 32.3

Manual Integrations
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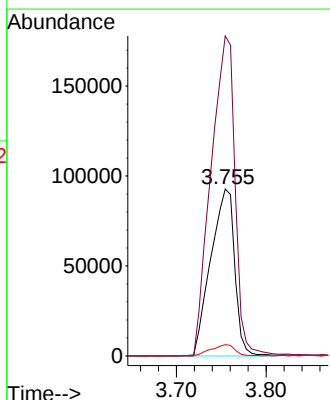
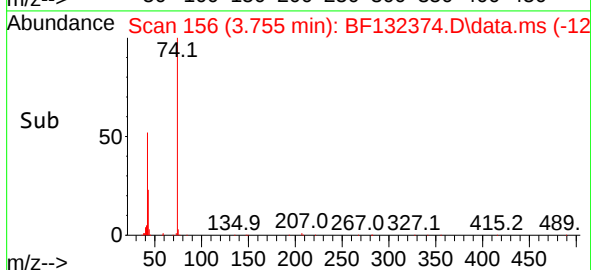
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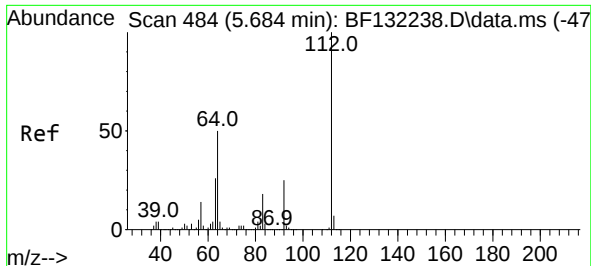


#4
n-Nitrosodimethylamine
Concen: 35.719 ng
RT: 3.755 min Scan# 156
Delta R.T. 0.088 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21



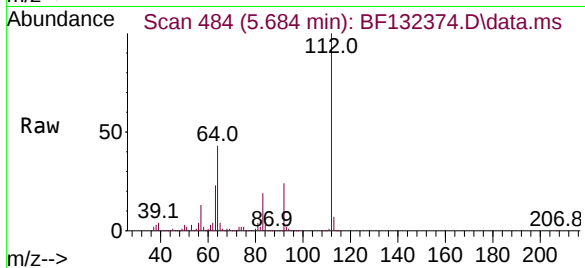
Tgt Ion: 42 Resp: 172792
Ion Ratio Lower Upper
42 100
74 191.8 144.6 217.0
44 6.7 5.1 7.7





#5
2-Fluorophenol
Concen: 119.461 ng
RT: 5.684 min Scan# 484
Delta R.T. 0.024 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

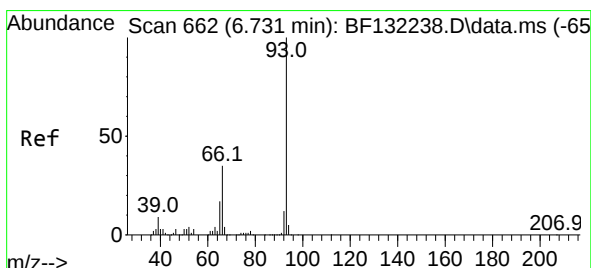
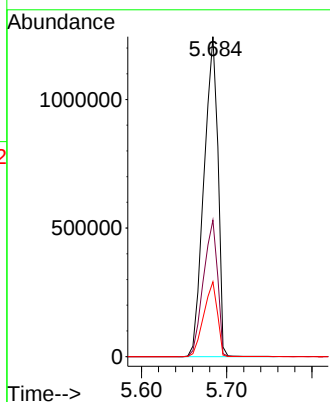
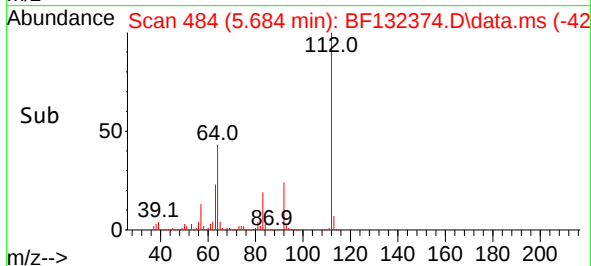
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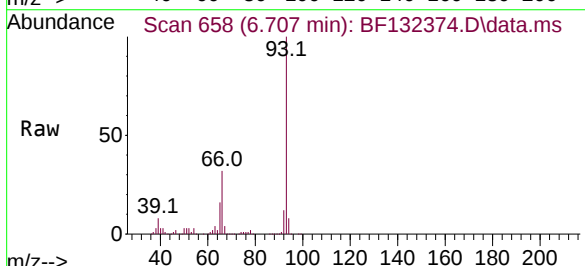
Tgt Ion: 112 Resp: 1414834
Ion Ratio Lower Upper
112 100
64 42.7 40.0 60.0
63 23.4 20.5 30.7

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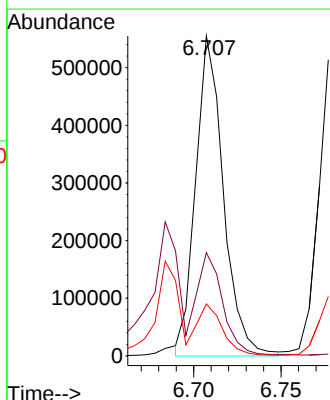
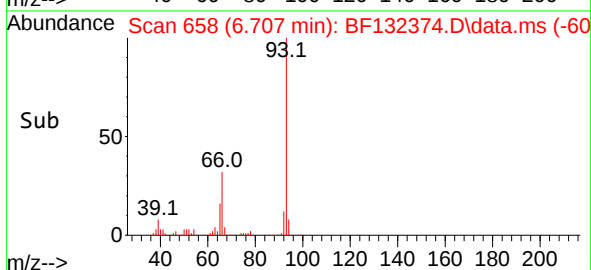
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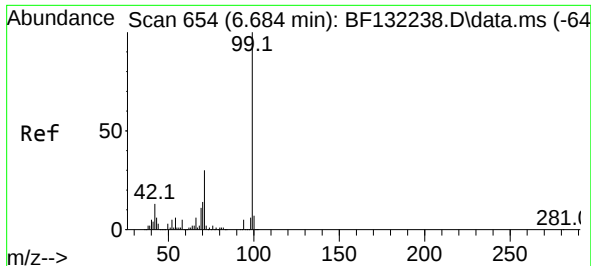


#6
Aniline
Concen: 30.976 ng m
RT: 6.707 min Scan# 658
Delta R.T. -0.006 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21



Tgt Ion: 93 Resp: 613741
Ion Ratio Lower Upper
93 100
66 32.3 28.8 43.2
65 16.2 14.2 21.4





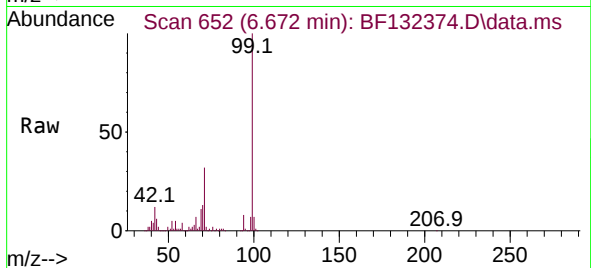
#7
Phenol-d6
Concen: 114.471 ng
RT: 6.672 min Scan# 61
Delta R.T. 0.006 min
Lab File: BF132374.D
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ClientSampleId :

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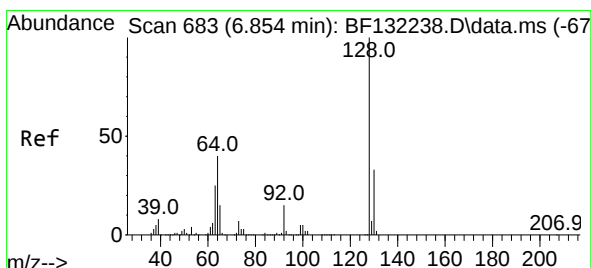
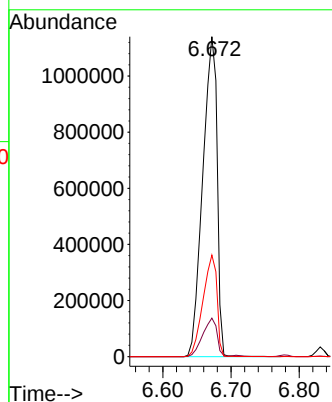
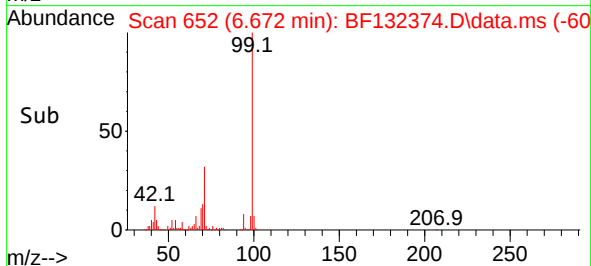


Tgt Ion: 99 Resp: 1671429
Ion Ratio Lower Upper
99 100
42 12.0 10.1 15.1
71 31.7 24.2 36.4

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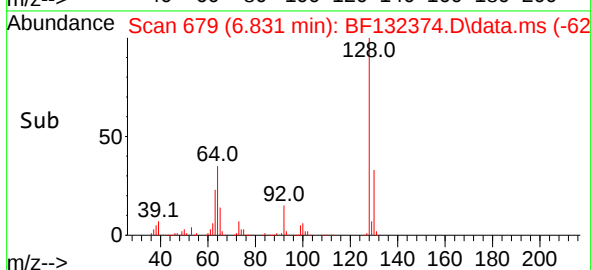
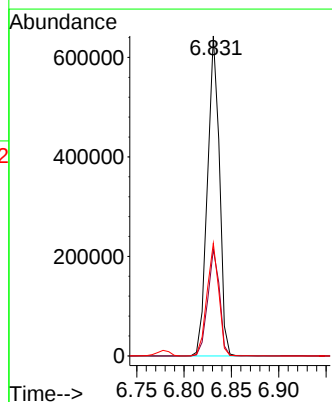
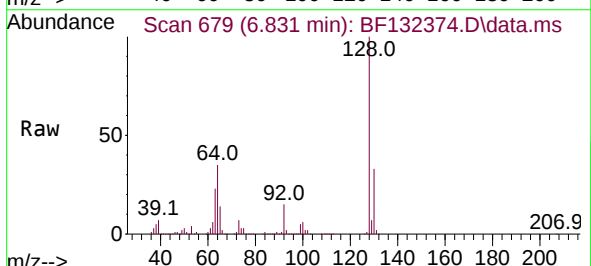
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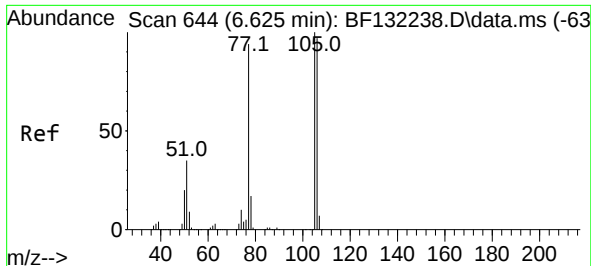
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#8
2-Chlorophenol
Concen: 46.186 ng
RT: 6.831 min Scan# 679
Delta R.T. 0.000 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

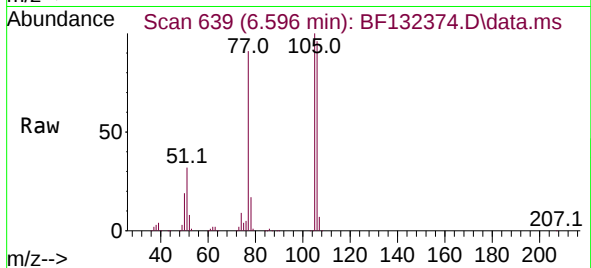
Tgt Ion:128 Resp: 566532
Ion Ratio Lower Upper
128 100
130 33.3 13.3 53.3
64 35.2 20.1 60.1





#9
Benzaldehyde
Concen: 18.940 ng
RT: 6.596 min Scan# 639
Delta R.T. -0.006 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

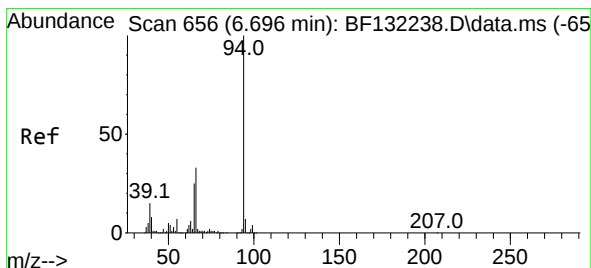
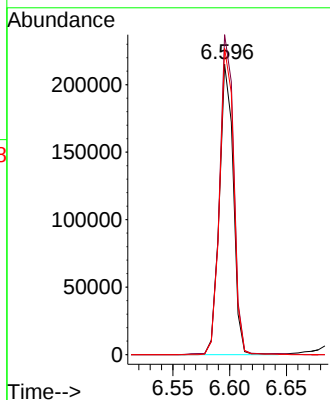
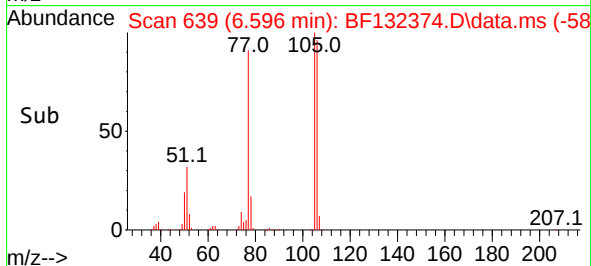
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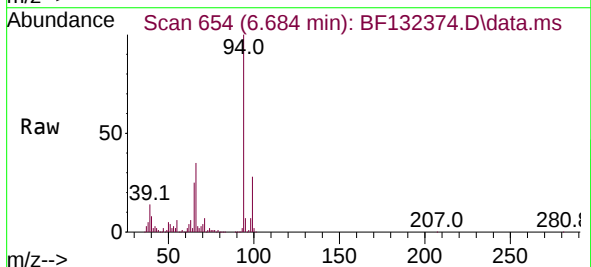
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Ion Ratio Lower Upper
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105 110.1 86.8 126.8
106 105.4 83.8 123.8

Manual Integrations
APPROVED

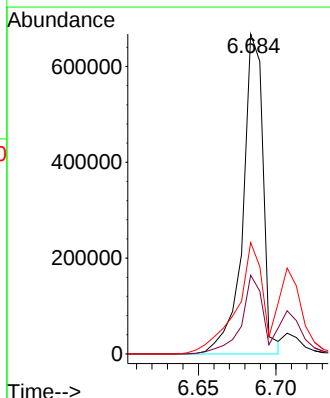
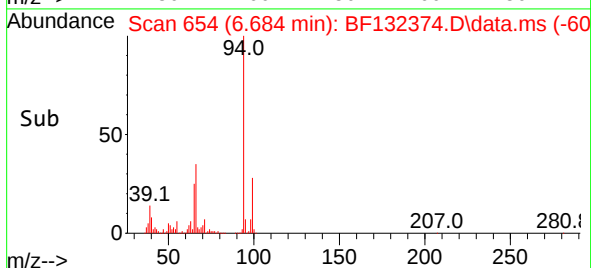
Reviewed By :Christian Giraldo 02/10/2023
Supervised By :Jagrut Upadhyay 02/10/2023

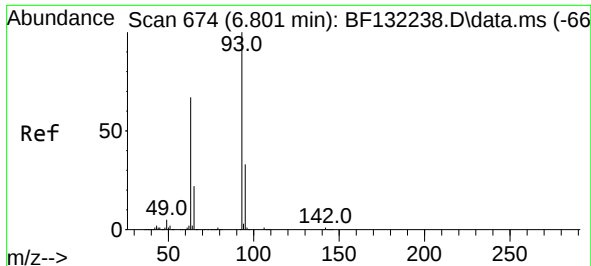


#10
Phenol
Concen: 39.968 ng
RT: 6.684 min Scan# 654
Delta R.T. 0.006 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21



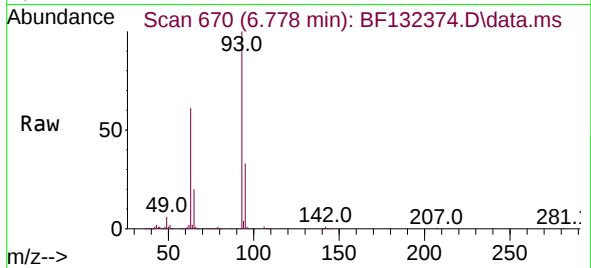
Tgt Ion: 94 Resp: 604039
Ion Ratio Lower Upper
94 100
65 24.6 5.1 45.1
66 34.8 13.0 53.0





#11
bis(2-Chloroethyl)ether
Concen: 42.530 ng
RT: 6.778 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

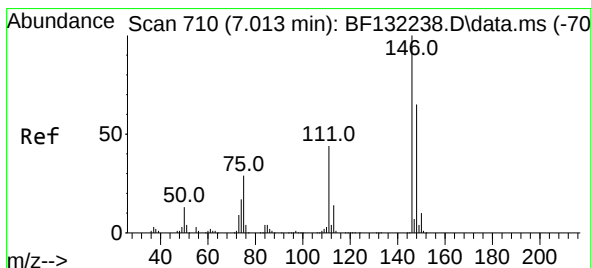
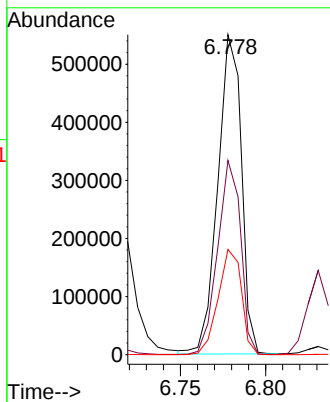
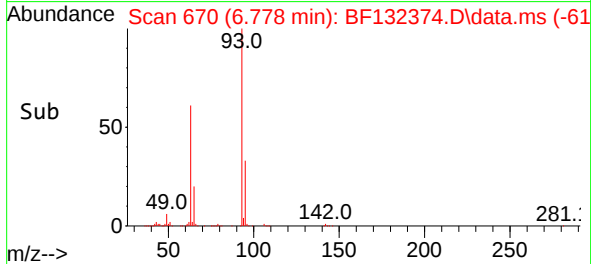
Instrument :
BNA_F
ClientSampleId :
PB150738BS



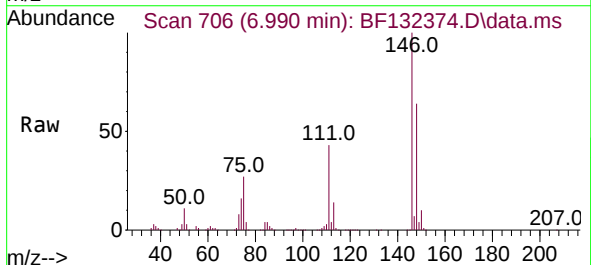
Tgt Ion: 93 Resp: 528982
Ion Ratio Lower Upper
93 100
63 60.7 46.7 86.7
95 32.9 13.4 53.4

Manual Integrations
APPROVED

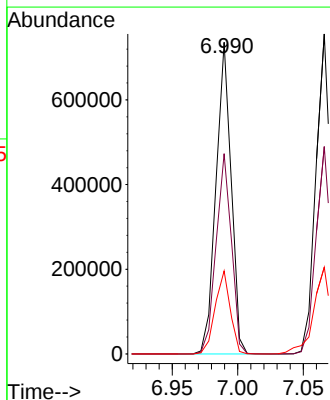
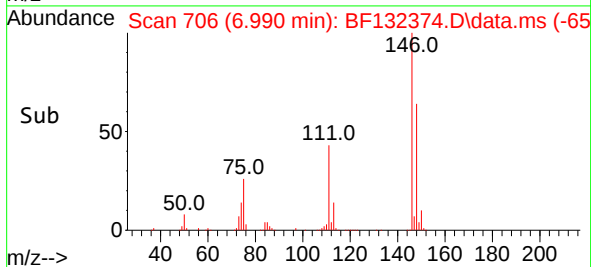
Reviewed By :Christian Giraldo 02/10/2023
Supervised By :Jagrut Upadhyay 02/10/2023

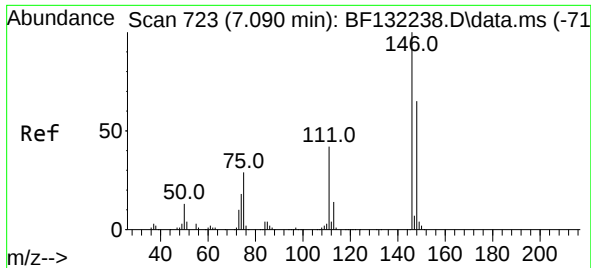


#12
1,3-Dichlorobenzene
Concen: 45.844 ng
RT: 6.990 min Scan# 706
Delta R.T. 0.000 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21



Tgt Ion:146 Resp: 594753
Ion Ratio Lower Upper
146 100
148 64.2 51.8 77.8
75 26.6 23.5 35.3





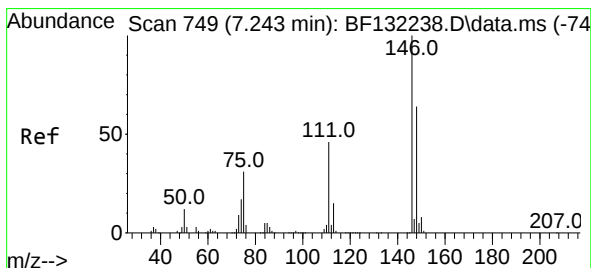
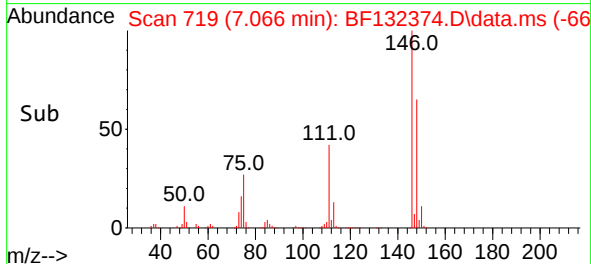
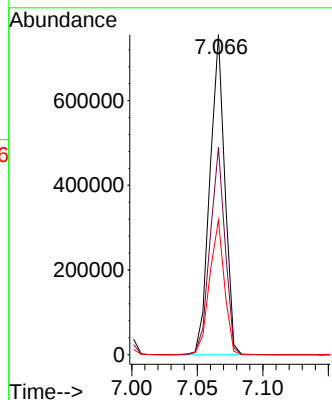
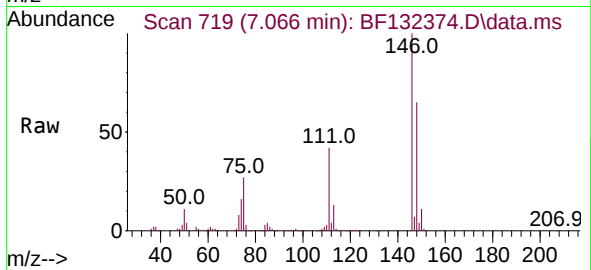
#13
1,4-Dichlorobenzene
Concen: 46.058 ng
RT: 7.066 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

Instrument :
BNA_F
ClientSampleId :
PB150738BS

Tgt Ion:146 Resp: 596453
Ion Ratio Lower Upper
146 100
148 64.8 52.4 78.6
111 42.1 34.0 51.0

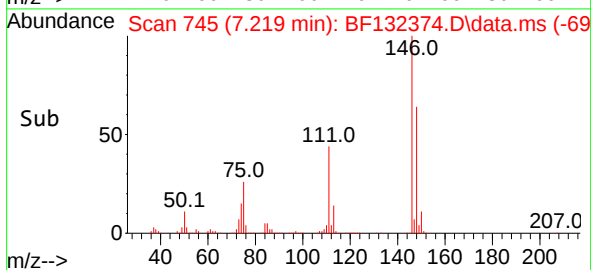
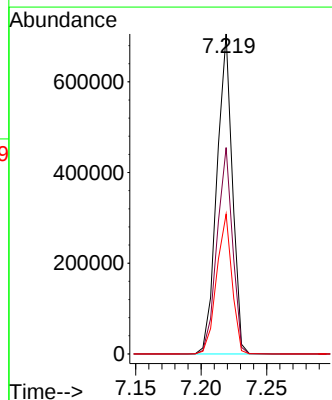
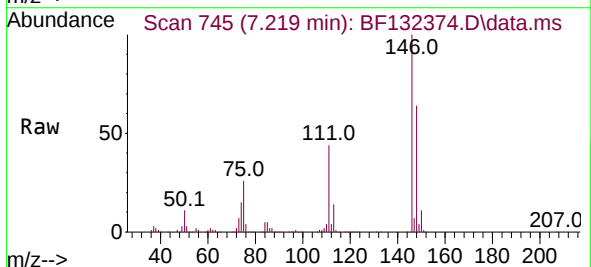
Manual Integrations
APPROVED

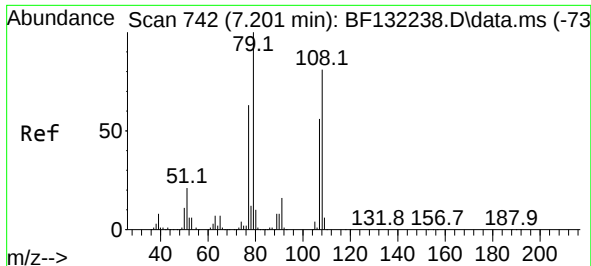
Reviewed By :Christian Giraldo 02/10/2023
Supervised By :Jagrut Upadhyay 02/10/2023



#14
1,2-Dichlorobenzene
Concen: 47.935 ng
RT: 7.219 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

Tgt Ion:146 Resp: 578913
Ion Ratio Lower Upper
146 100
148 64.5 51.4 77.0
111 43.7 37.1 55.7





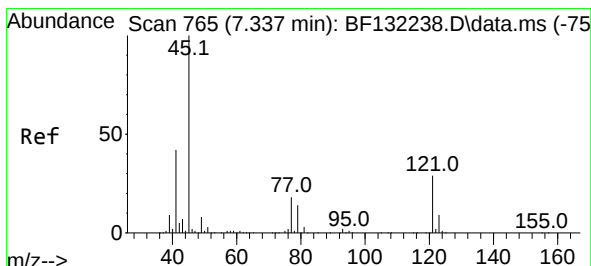
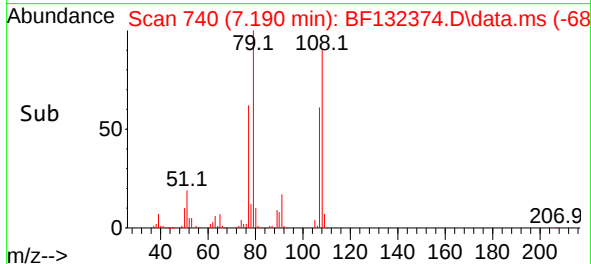
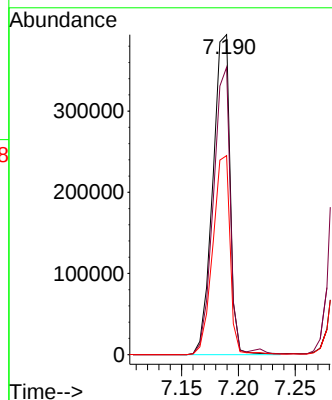
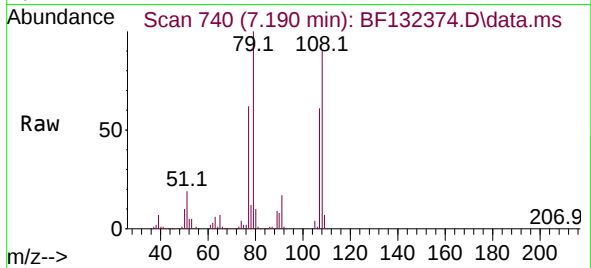
#15
Benzyl Alcohol
Concen: 39.185 ng
RT: 7.190 min Scan# 742
Delta R.T. 0.006 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

Instrument :
BNA_F
ClientSampleId :
PB150738BS

Tgt Ion: 79 Resp: 41748
Ion Ratio Lower Upper
79 100
108 89.8 64.6 97.0
77 62.2 50.1 75.1

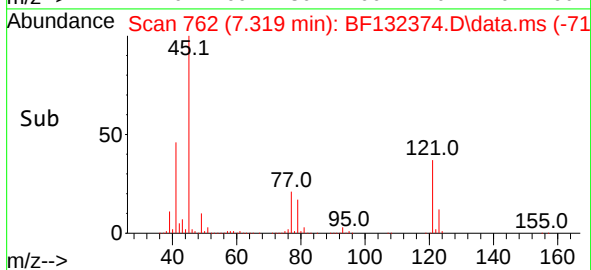
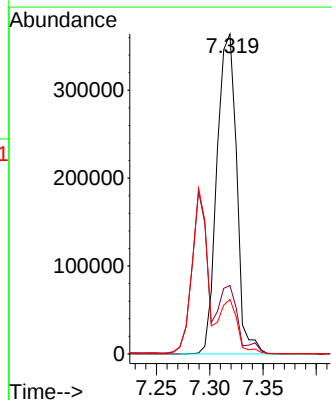
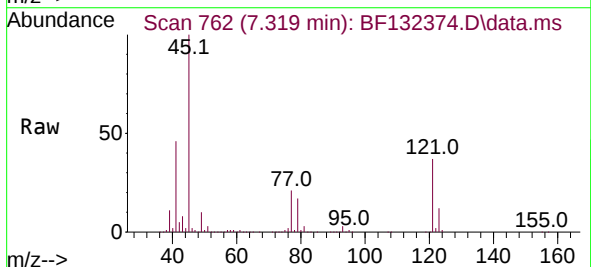
Manual Integrations
APPROVED

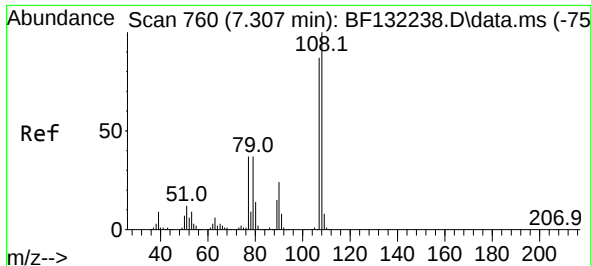
Reviewed By :Christian Giraldo 02/10/2023
Supervised By :Jagrut Upadhyay 02/10/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.820 ng
RT: 7.319 min Scan# 762
Delta R.T. 0.000 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

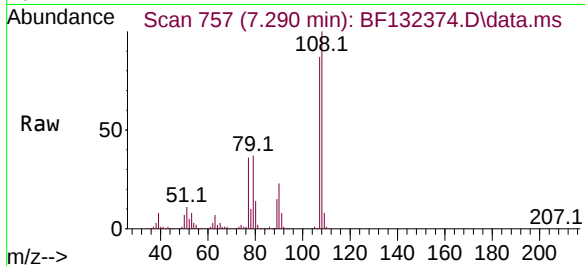
Tgt Ion: 45 Resp: 469406
Ion Ratio Lower Upper
45 100
77 21.4 0.0 38.0
79 17.0 0.0 33.8





#17
2-Methylphenol
Concen: 40.464 ng
RT: 7.290 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

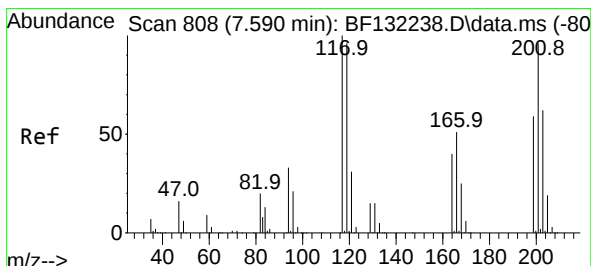
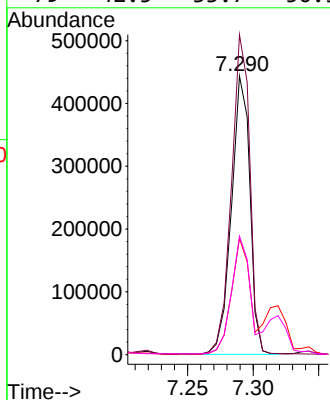
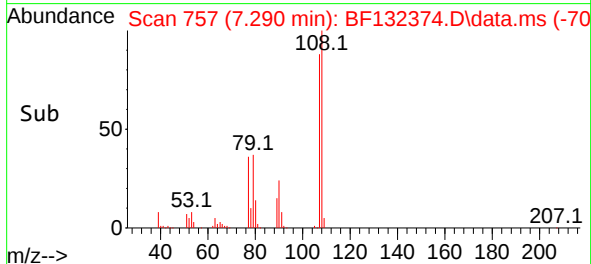
Instrument :
BNA_F
ClientSampleId :
PB150738BS



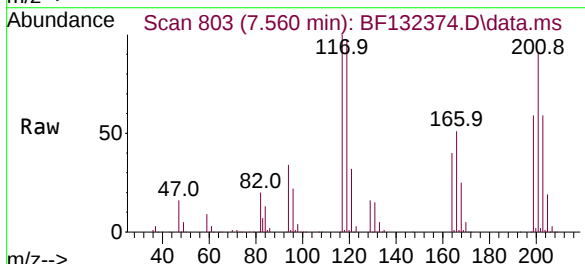
Tgt Ion:107 Resp: 434483
Ion Ratio Lower Upper
107 100
108 114.8 91.8 137.6
77 41.7 34.2 51.2
79 42.5 33.7 50.5

Manual Integrations
APPROVED

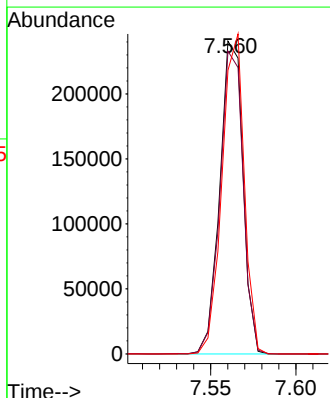
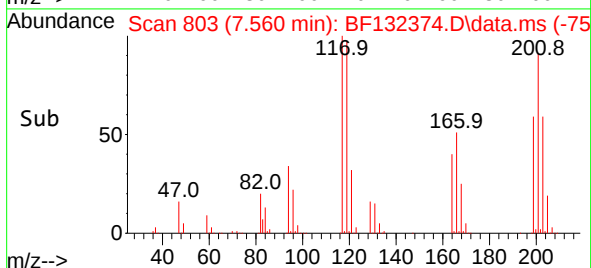
Reviewed By :Christian Giraldo 02/10/2023
Supervised By :Jagrut Upadhyay 02/10/2023

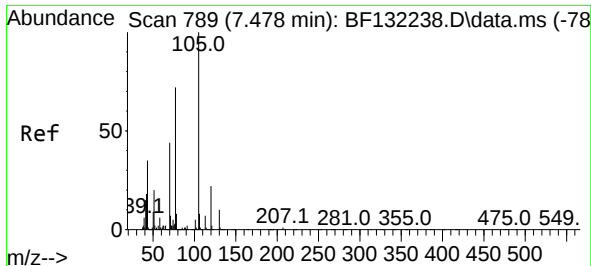


#18
Hexachloroethane
Concen: 46.754 ng
RT: 7.560 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21



Tgt Ion:117 Resp: 227135
Ion Ratio Lower Upper
117 100
119 96.8 76.7 115.1
201 90.7 76.6 114.8





#19

n-Nitroso-di-n-propylamine

Concen: 35.905 ng

RT: 7.460 min Scan# 786

Delta R.T. 0.000 min

Lab File: BF132374.D

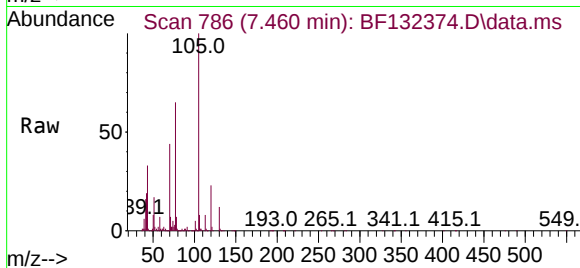
Acq: 09 Feb 2023 11:21

Instrument :

BNA_F

ClientSampleId :

PB150738BS



Tgt Ion: 70 Resp: 29778

Ion Ratio Lower Upper

70 100

42 42.5 33.4 50.0

101 11.7 8.2 12.4

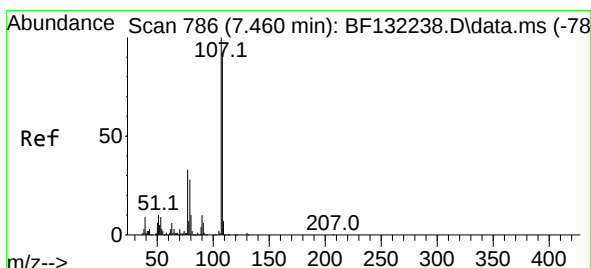
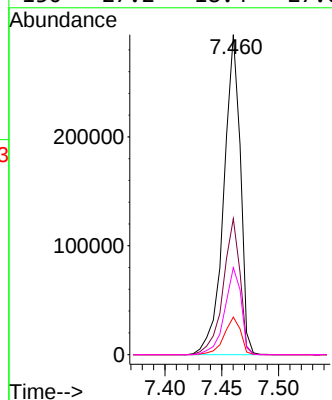
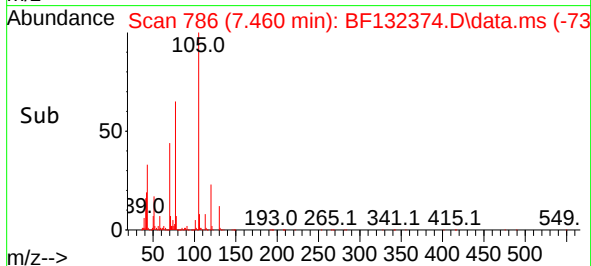
130 27.2 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/10/2023

Supervised By :Jagrut Upadhyay 02/10/2023



#20

3+4-Methylphenols

Concen: 38.345 ng

RT: 7.448 min Scan# 784

Delta R.T. 0.006 min

Lab File: BF132374.D

Acq: 09 Feb 2023 11:21

Tgt Ion:107 Resp: 525497

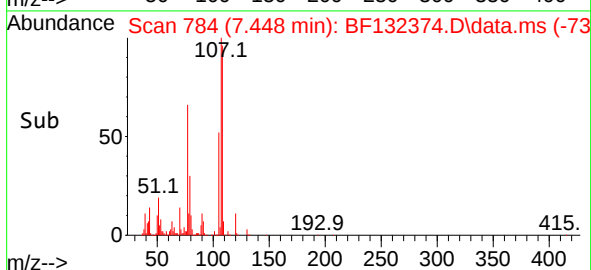
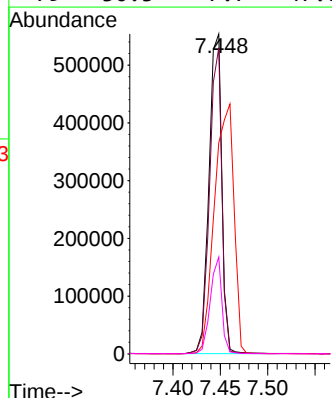
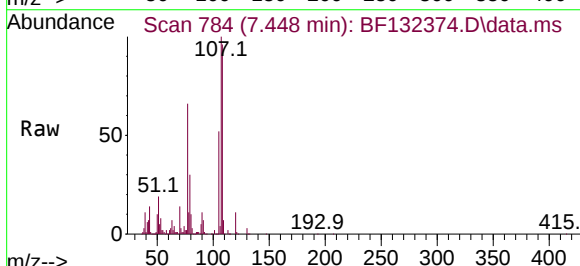
Ion Ratio Lower Upper

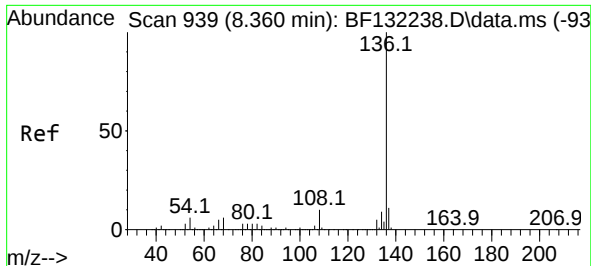
107 100

108 95.6 71.6 111.6

77 66.0 13.4 53.4#

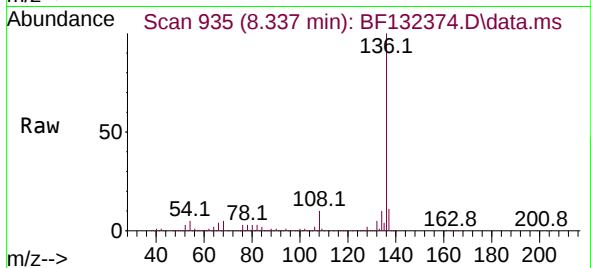
79 30.3 7.7 47.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.337 min Scan# 935
Delta R.T. 0.000 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

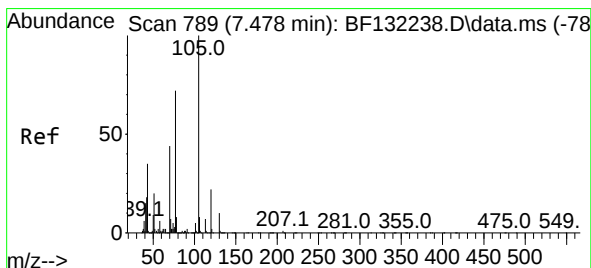
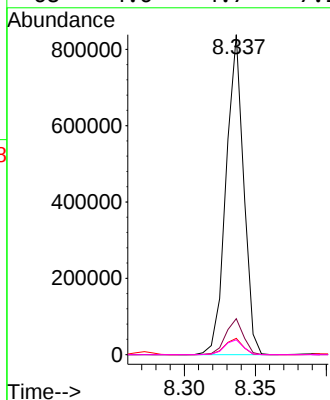
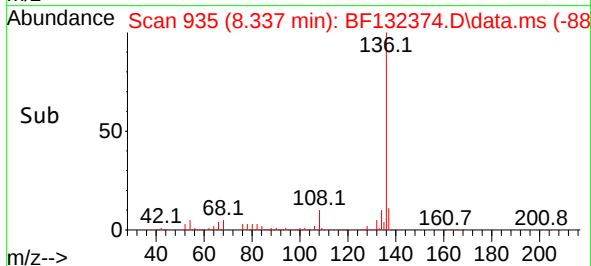
Instrument :
BNA_F
Client Sample Id :
PB150738BS



Tgt Ion:136 Resp: 718610
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 5.1 4.9 7.3
68 4.6 4.7 7.1#

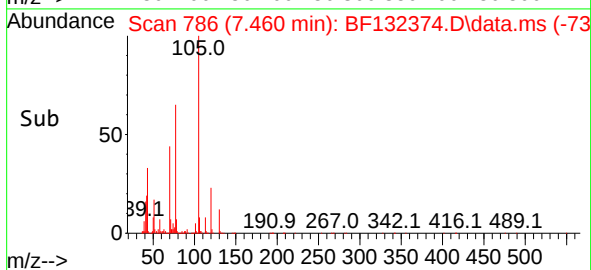
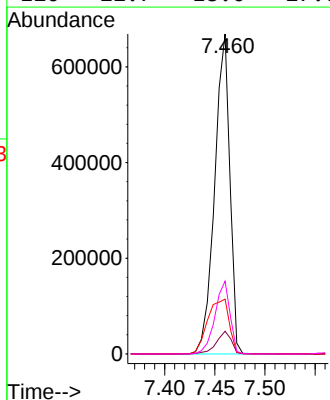
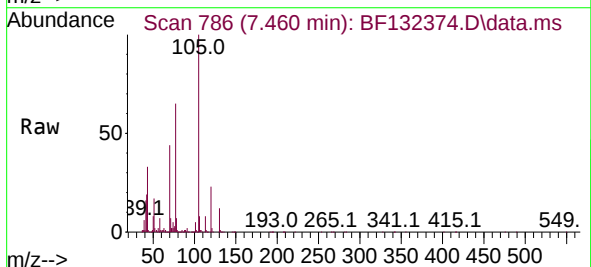
Manual Integrations
APPROVED

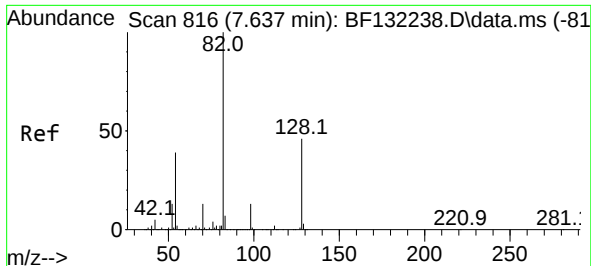
Reviewed By :Christian Giraldo 02/10/2023
Supervised By :Jagrut Upadhyay 02/10/2023



#22
Acetophenone
Concen: 41.738 ng
RT: 7.460 min Scan# 786
Delta R.T. 0.006 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

Tgt Ion:105 Resp: 705355
Ion Ratio Lower Upper
105 100
71 7.1 5.8 8.6
51 17.1 16.2 24.2
120 22.7 18.0 27.0





#23

Nitrobenzene-d5

Concen: 78.338 ng

RT: 7.613 min Scan# 816

Delta R.T. 0.000 min

Lab File: BF132374.D

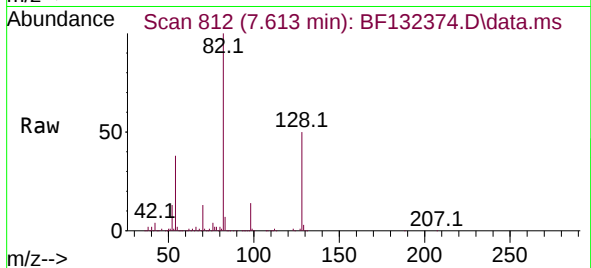
Acq: 09 Feb 2023 11:21

Instrument :

BNA_F

ClientSampleId :

PB150738BS



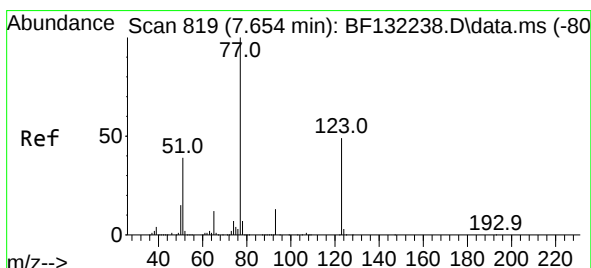
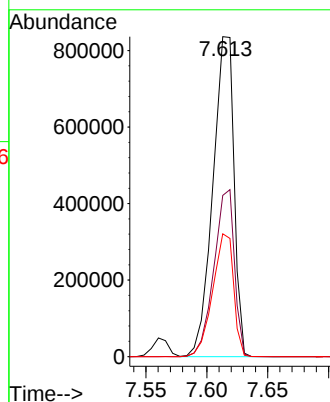
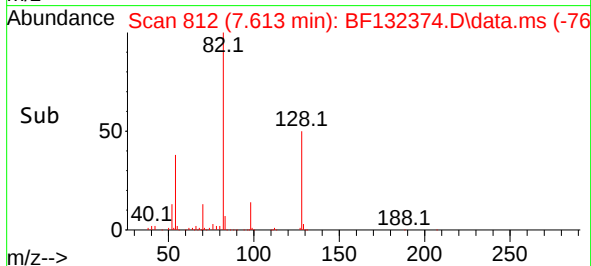
Tgt Ion: 82 Resp: 1011632

Ion	Ratio	Lower	Upper
82	100		
128	50.4	37.0	55.4
54	38.4	31.5	47.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/10/2023
Supervised By :Jagrut Upadhyay 02/10/2023



#24

Nitrobenzene

Concen: 38.020 ng

RT: 7.637 min Scan# 816

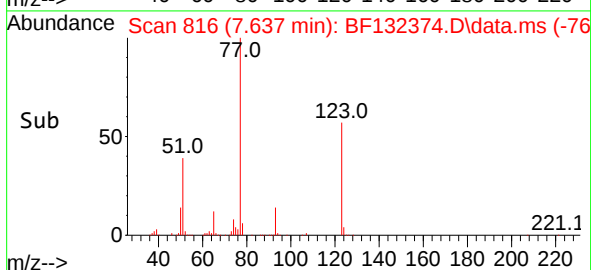
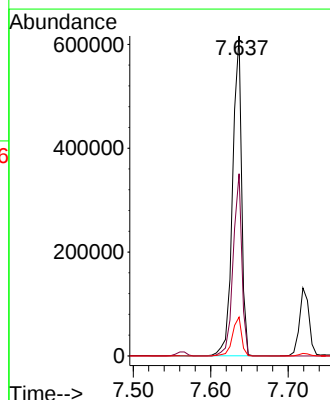
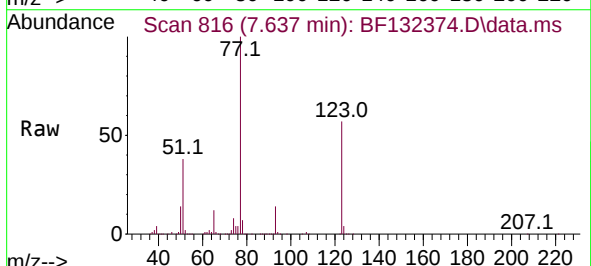
Delta R.T. 0.006 min

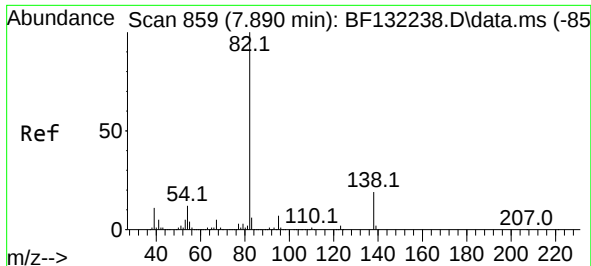
Lab File: BF132374.D

Acq: 09 Feb 2023 11:21

Tgt Ion: 77 Resp: 501595

Ion	Ratio	Lower	Upper
77	100		
123	56.9	39.5	59.3
65	12.1	9.8	14.8





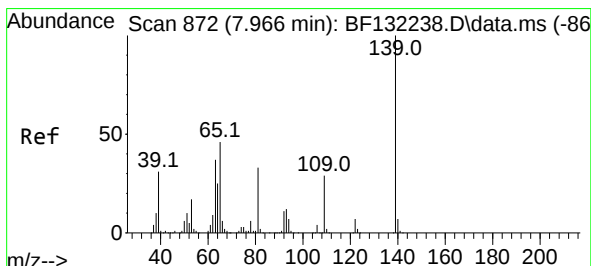
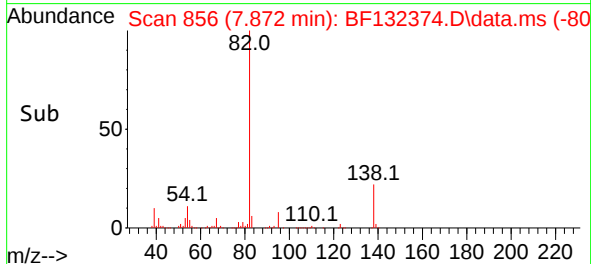
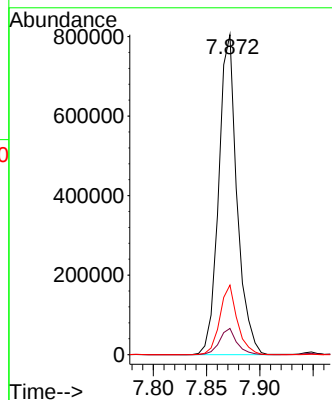
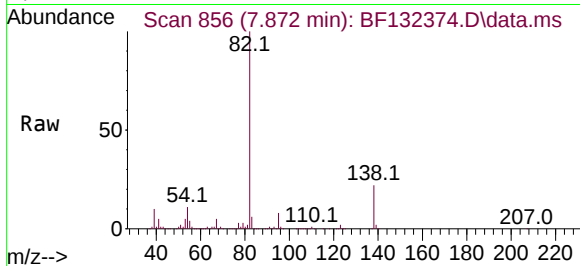
#25
Isophorone
Concen: 39.323 ng
RT: 7.872 min Scan# 856
Delta R.T. 0.000 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

Instrument :
BNA_F
ClientSampleId :
PB150738BS

Tgt Ion: 82 Resp: 96382
Ion Ratio Lower Upper
82 100
95 8.2 5.6 8.4
138 21.7 15.0 22.6

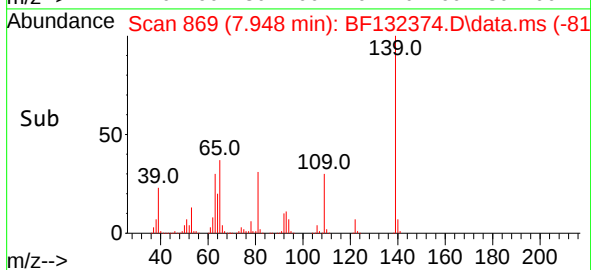
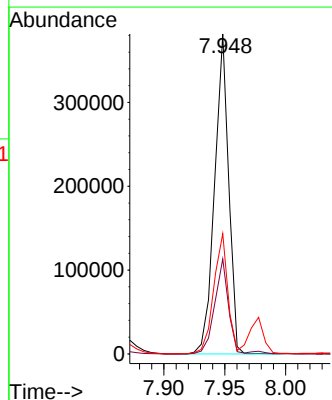
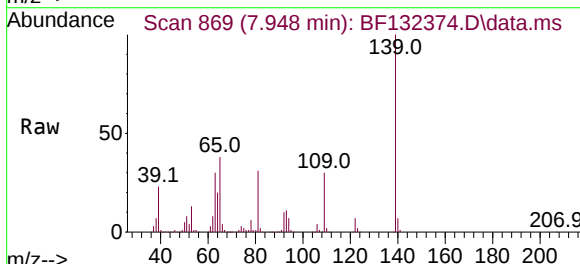
Manual Integrations
APPROVED

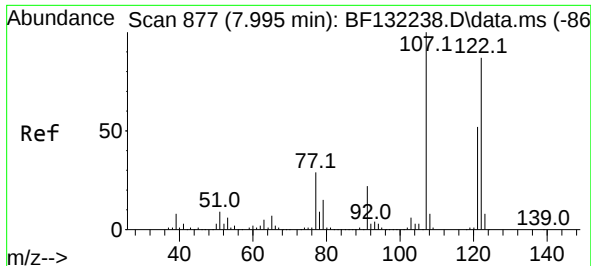
Reviewed By :Christian Giraldo 02/10/2023
Supervised By :Jagrut Upadhyay 02/10/2023



#26
2-Nitrophenol
Concen: 47.836 ng
RT: 7.948 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

Tgt Ion:139 Resp: 307398
Ion Ratio Lower Upper
139 100
109 29.7 23.0 34.6
65 37.6 36.6 55.0





#27

2,4-Dimethylphenol

Concen: 43.656 ng

RT: 7.978 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF132374.D

Acq: 09 Feb 2023 11:21

Instrument :

BNA_F

ClientSampleId :

PB150738BS

Tgt Ion:122 Resp: 491043

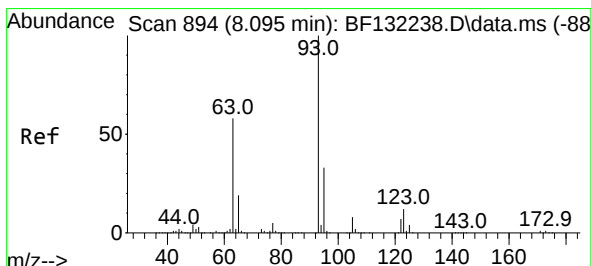
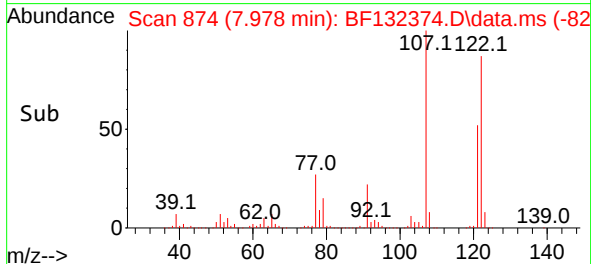
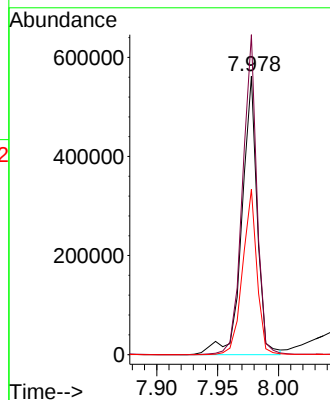
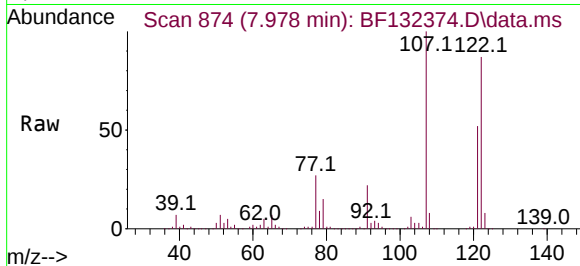
Ion	Ratio	Lower	Upper
122	100		
107	115.0	91.9	137.9
121	59.4	47.8	71.8

Manual Integrations

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Reviewed By :Christian Giraldo 02/10/2023

Supervised By :Jagrut Upadhyay 02/10/2023



#28

bis(2-Chloroethoxy)methane

Concen: 40.590 ng

RT: 8.078 min Scan# 891

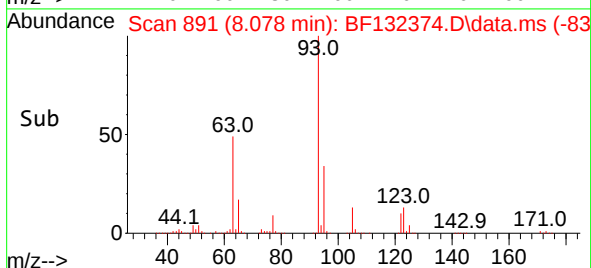
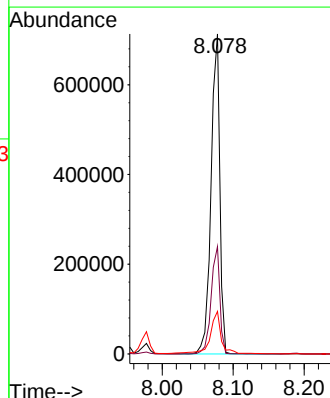
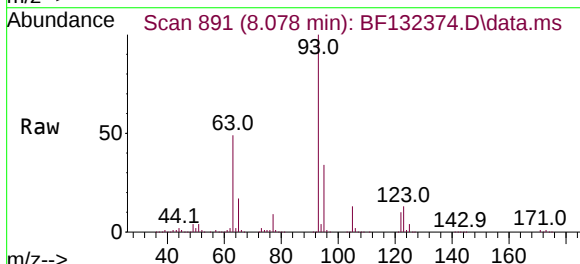
Delta R.T. 0.006 min

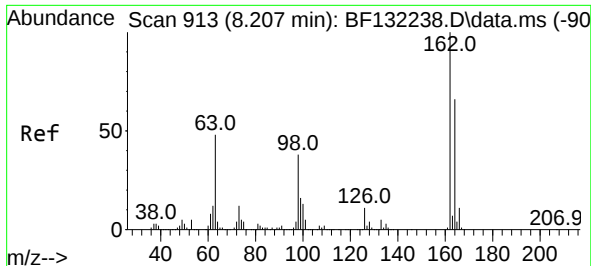
Lab File: BF132374.D

Acq: 09 Feb 2023 11:21

Tgt Ion: 93 Resp: 611371

Ion	Ratio	Lower	Upper
93	100		
95	33.5	26.6	40.0
123	13.3	9.5	14.3





#29

2,4-Dichlorophenol

Concen: 45.405 ng

RT: 8.190 min Scan# 910

Delta R.T. 0.006 min

Lab File: BF132374.D

Acq: 09 Feb 2023 11:21

Instrument :

BNA_F

ClientSampleId :

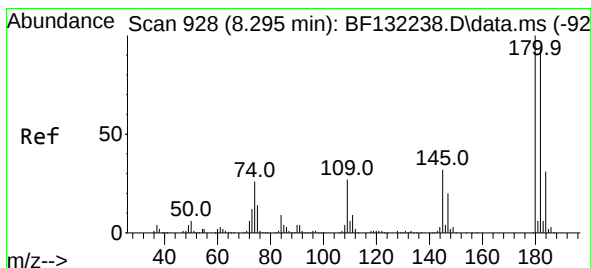
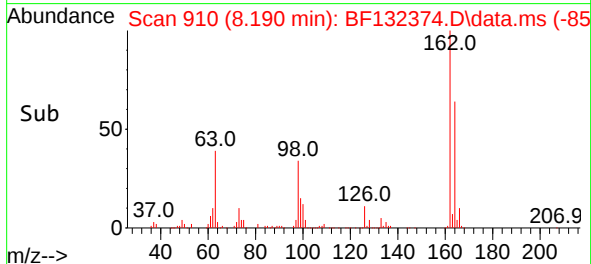
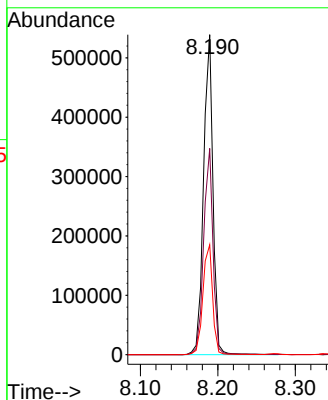
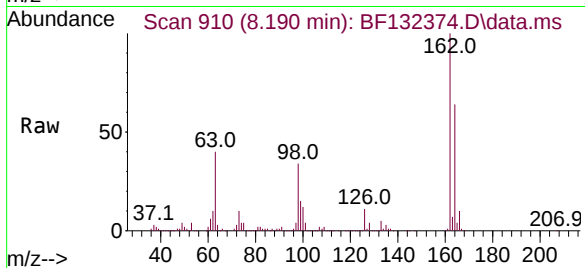
PB150738BS

Tgt Ion:162 Resp: 453424
 Ion Ratio Lower Upper
 162 100
 164 64.4 46.4 86.4
 98 34.3 17.8 57.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/10/2023
 Supervised By :Jagrut Upadhyay 02/10/2023



#30

1,2,4-Trichlorobenzene

Concen: 47.522 ng

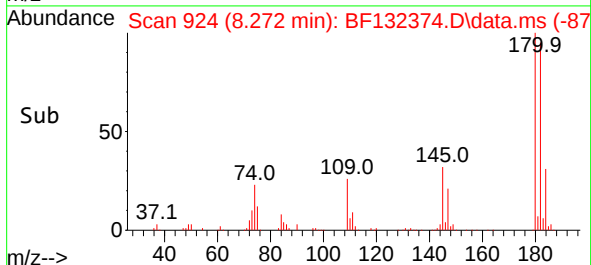
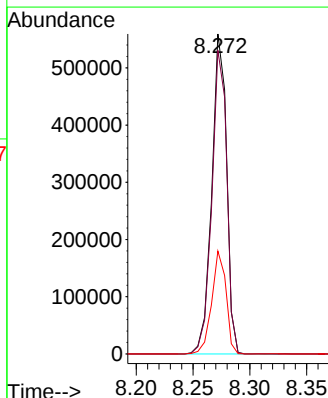
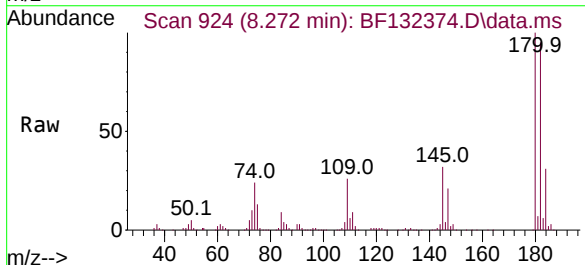
RT: 8.272 min Scan# 924

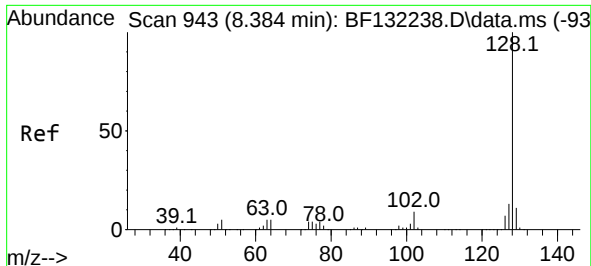
Delta R.T. 0.000 min

Lab File: BF132374.D

Acq: 09 Feb 2023 11:21

Tgt Ion:180 Resp: 508197
 Ion Ratio Lower Upper
 180 100
 182 94.9 74.6 112.0
 145 32.1 25.3 37.9





#31

Naphthalene

Concen: 42.250 ng

RT: 8.360 min Scan# 943

Delta R.T. 0.000 min

Lab File: BF132374.D

Acq: 09 Feb 2023 11:21

Instrument :

BNA_F

ClientSampleId :

PB150738BS

Tgt Ion:128 Resp: 1494489

Ion Ratio Lower Upper

128 100

129 11.5 9.0 13.4

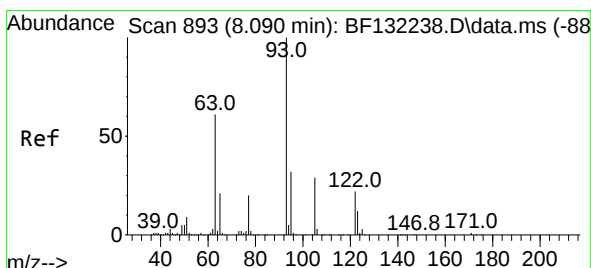
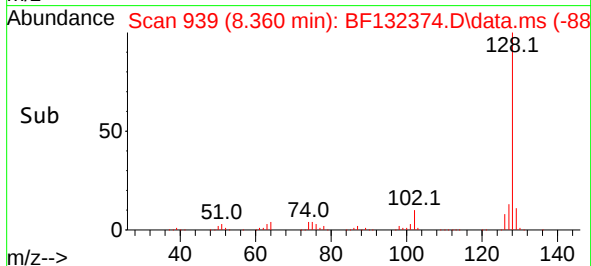
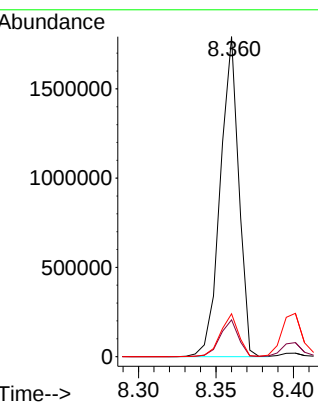
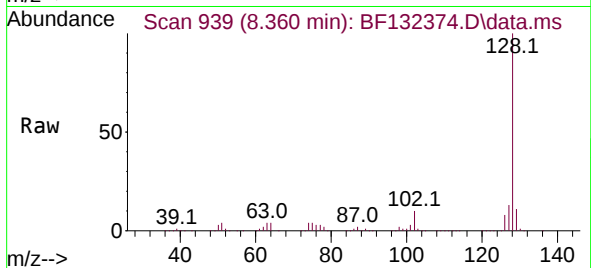
127 13.4 10.5 15.7

Manual Integrations

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Reviewed By :Christian Giraldo 02/10/2023

Supervised By :Jagrut Upadhyay 02/10/2023



#32

Benzoic acid

Concen: 44.531 ng

RT: 8.095 min Scan# 894

Delta R.T. 0.012 min

Lab File: BF132374.D

Acq: 09 Feb 2023 11:21

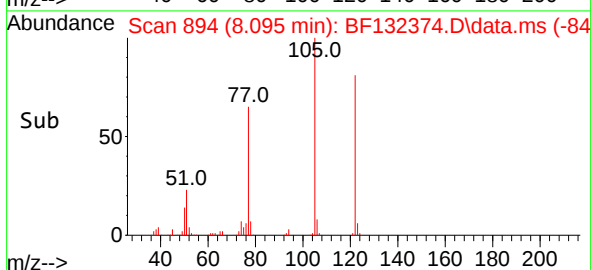
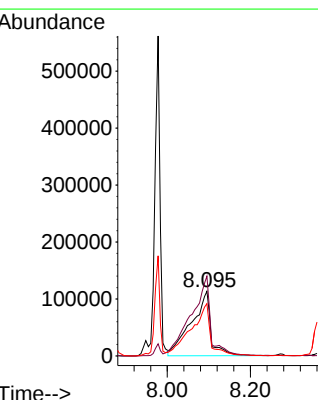
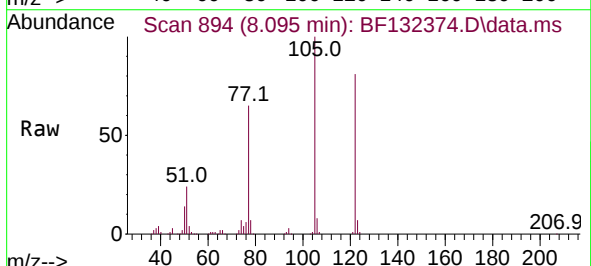
Tgt Ion:122 Resp: 370756

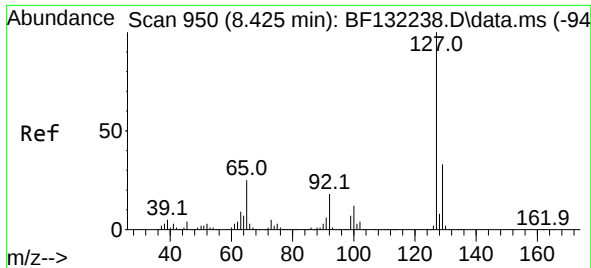
Ion Ratio Lower Upper

122 100

105 123.5 106.3 146.3

77 80.9 70.6 110.6





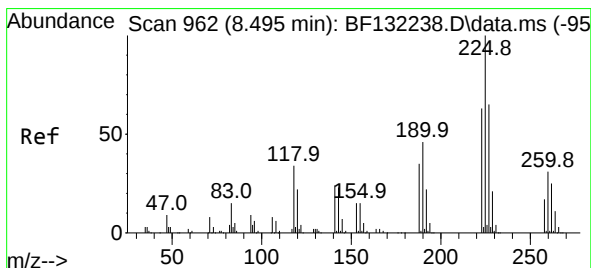
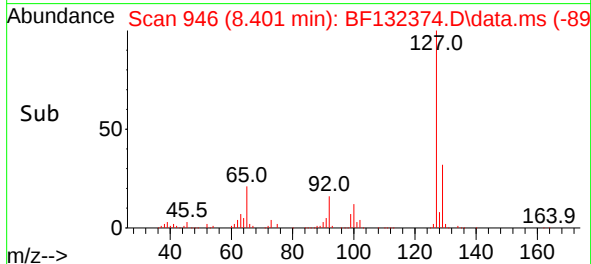
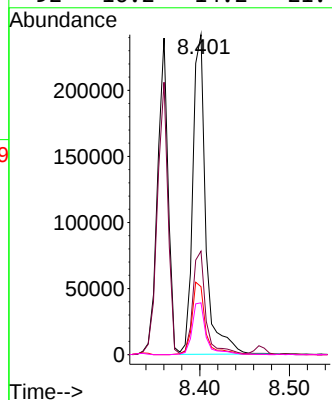
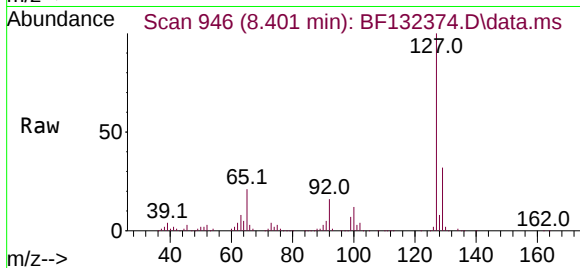
#33
4-Chloroaniline
Concen: 15.558 ng
RT: 8.401 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

Instrument :
BNA_F
ClientSampleId :
PB150738BS

Tgt Ion:127 Resp: 244036
Ion Ratio Lower Upper
127 100
129 32.3 26.6 39.8
65 21.2 20.2 30.2
92 16.2 14.2 21.4

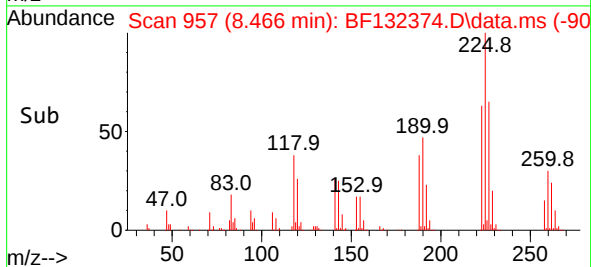
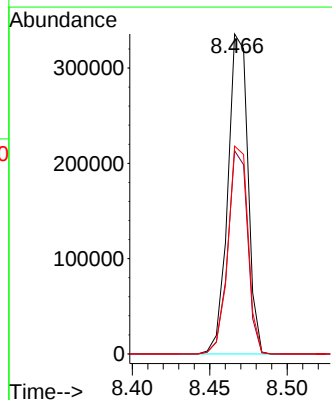
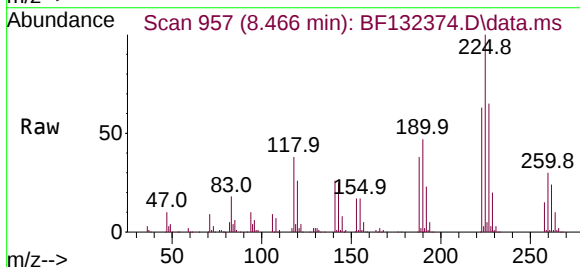
Manual Integrations
APPROVED

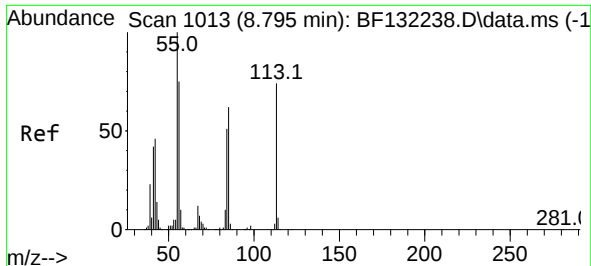
Reviewed By :Christian Giraldo 02/10/2023
Supervised By :Jagrut Upadhyay 02/10/2023



#34
Hexachlorobutadiene
Concen: 50.573 ng
RT: 8.466 min Scan# 957
Delta R.T. -0.006 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

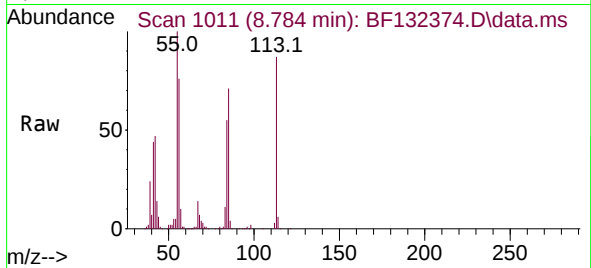
Tgt Ion:225 Resp: 304034
Ion Ratio Lower Upper
225 100
223 63.5 50.6 75.8
227 64.9 51.7 77.5





#35
Caprolactam
Concen: 41.590 ng m
RT: 8.784 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

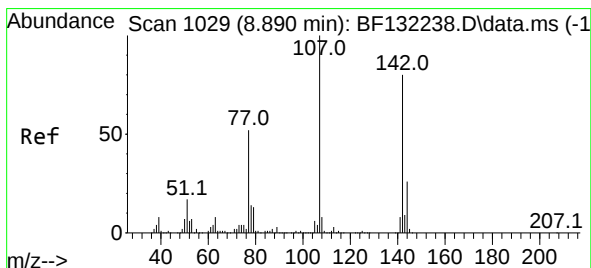
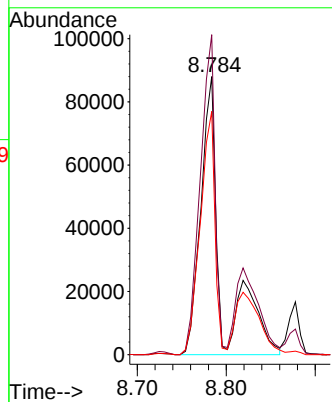
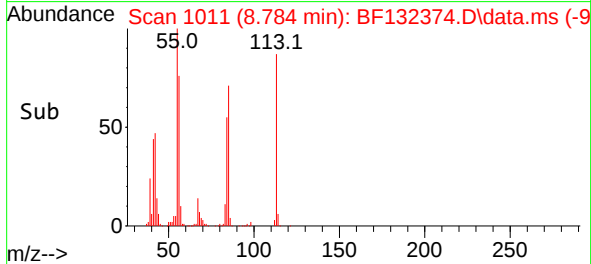
Instrument :
BNA_F
ClientSampleId :
PB150738BS



Tgt Ion:113 Resp: 141590
Ion Ratio Lower Upper
113 100
55 115.1 114.7 154.7
56 87.4 81.1 121.1

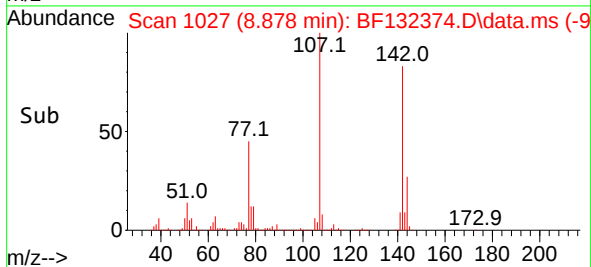
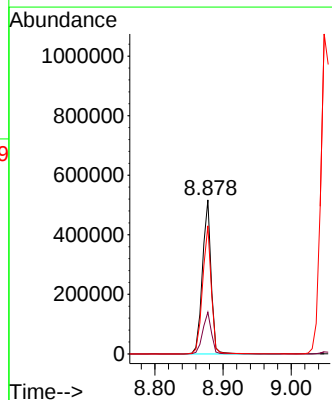
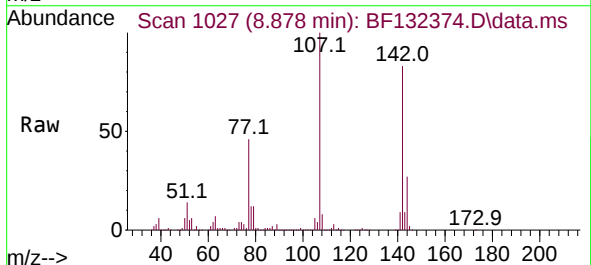
Manual Integrations
APPROVED

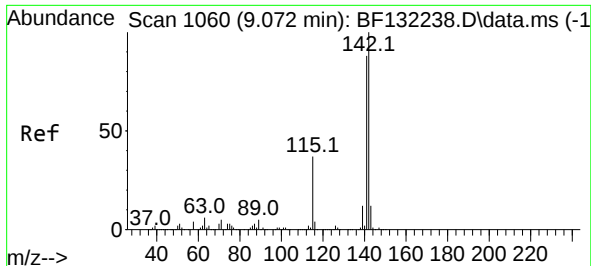
Reviewed By :Christian Giraldo 02/10/2023
Supervised By :Jagrut Upadhyay 02/10/2023



#36
4-Chloro-3-methylphenol
Concen: 42.467 ng
RT: 8.878 min Scan# 1027
Delta R.T. 0.006 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

Tgt Ion:107 Resp: 456879
Ion Ratio Lower Upper
107 100
144 27.1 20.5 30.7
142 83.2 63.6 95.4





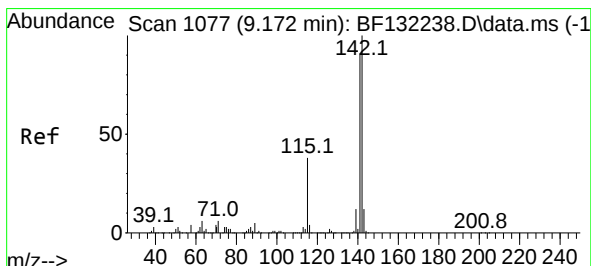
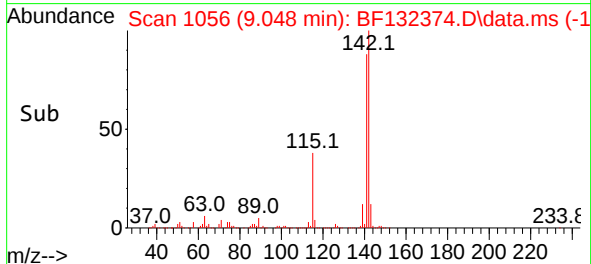
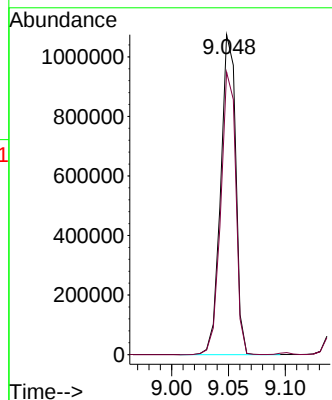
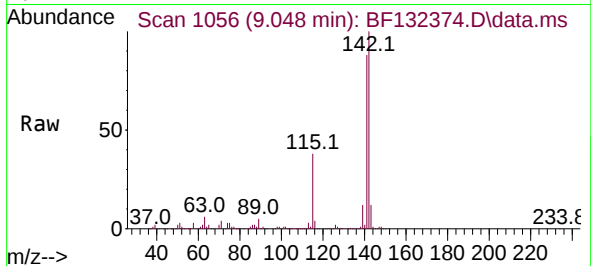
#37
2-Methylnaphthalene
Concen: 41.349 ng
RT: 9.048 min Scan# 1056
Delta R.T. 0.000 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

Instrument :
BNA_F
ClientSampleId :
PB150738BS

Tgt Ion:142 Resp: 99070
Ion Ratio Lower Upper
142 100
141 88.3 70.1 105.1

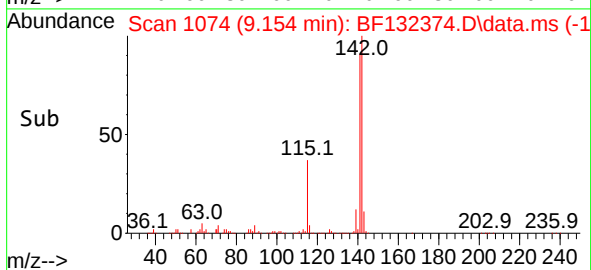
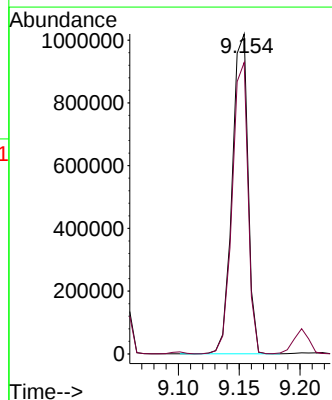
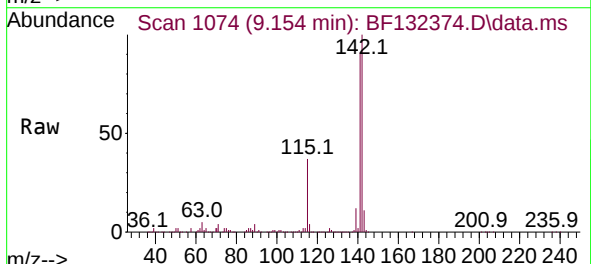
Manual Integrations
APPROVED

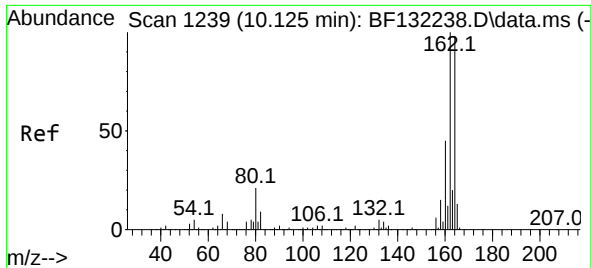
Reviewed By :Christian Giraldo 02/10/2023
Supervised By :Jagrut Upadhyay 02/10/2023



#38
1-Methylnaphthalene
Concen: 41.669 ng
RT: 9.154 min Scan# 1074
Delta R.T. 0.006 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

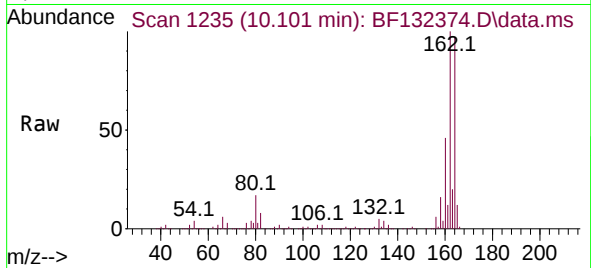
Tgt Ion:142 Resp: 927810
Ion Ratio Lower Upper
142 100
141 91.1 72.6 108.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.101 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

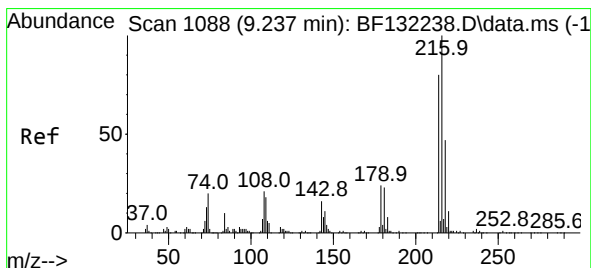
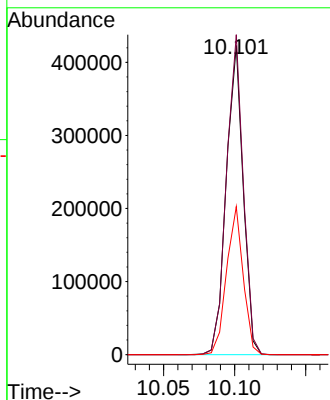
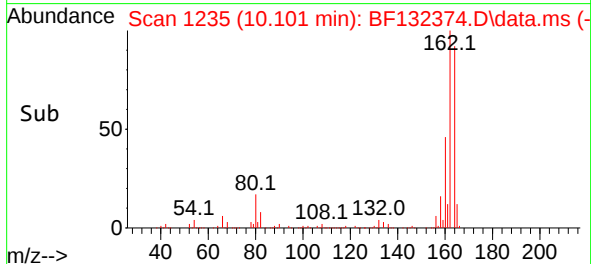
Instrument :
BNA_F
ClientSampleId :
PB150738BS



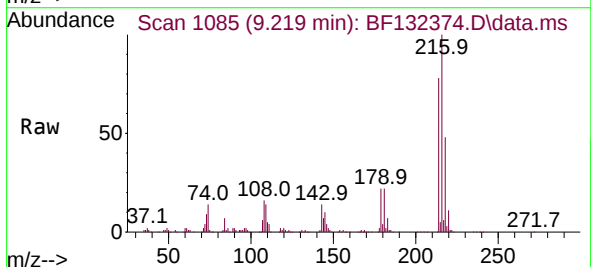
Tgt Ion:164 Resp: 35155
Ion Ratio Lower Upper
164 100
162 103.5 82.0 123.0
160 47.9 37.1 55.7

Manual Integrations
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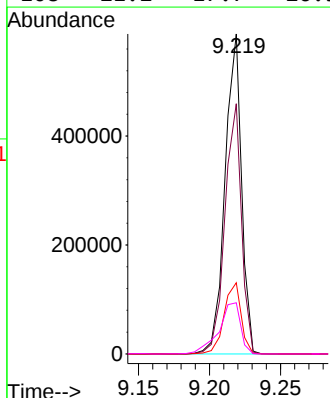
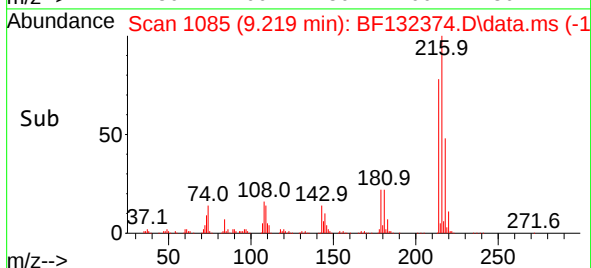
Reviewed By :Christian Giraldo 02/10/2023
Supervised By :Jagrut Upadhyay 02/10/2023

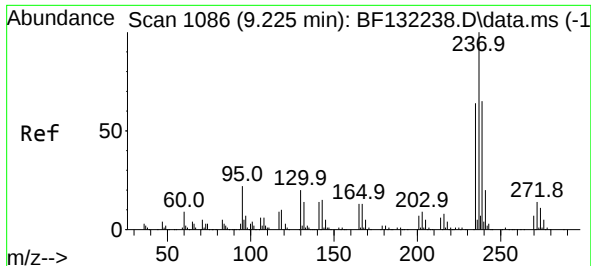


#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.084 ng
RT: 9.219 min Scan# 1085
Delta R.T. 0.006 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21



Tgt Ion:216 Resp: 475700
Ion Ratio Lower Upper
216 100
214 78.5 63.6 95.4
179 22.9 18.3 27.5
108 21.2 17.7 26.5





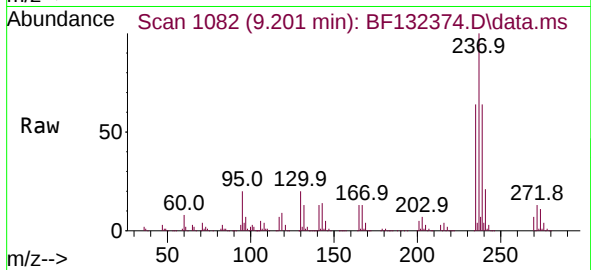
#41
Hexachlorocyclopentadiene
Concen: 93.095 ng
RT: 9.201 min Scan# 1082
Delta R.T. 0.000 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

Instrument :

BNA_F

ClientSampleId :

PB150738BS

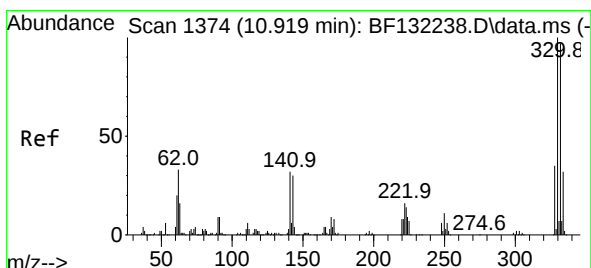
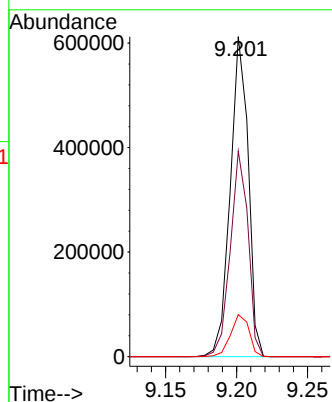
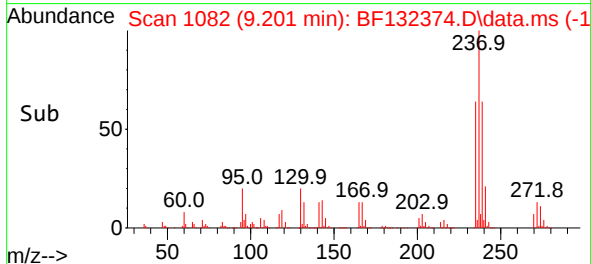


Tgt Ion: 237 Resp: 53734
Ion Ratio Lower Upper
237 100
235 64.2 43.5 83.5
272 13.1 0.0 33.6

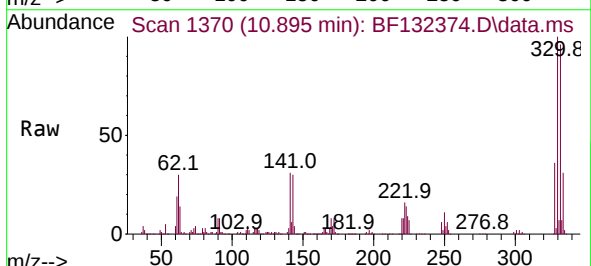
Manual Integrations

APPROVED

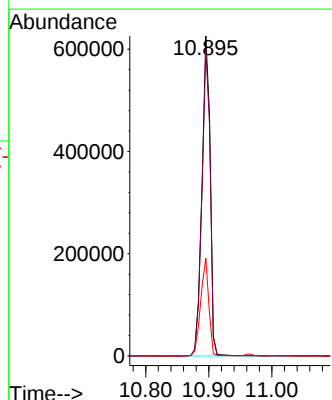
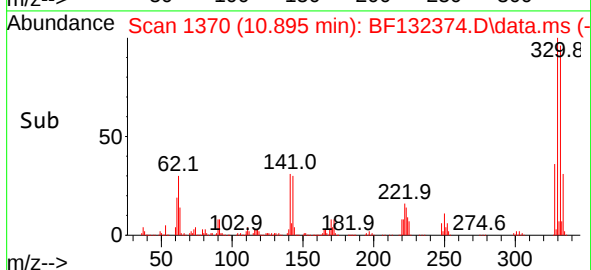
Reviewed By : Christian Giraldo 02/10/2023
Supervised By : Jagrut Upadhyay 02/10/2023

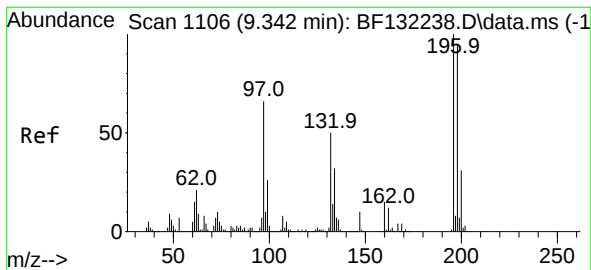


#42
2,4,6-Tribromophenol
Concen: 157.182 ng
RT: 10.895 min Scan# 1370
Delta R.T. 0.000 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21



Tgt Ion: 330 Resp: 568253
Ion Ratio Lower Upper
330 100
332 96.1 77.9 116.9
141 30.3 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 46.970 ng

RT: 9.325 min Scan# 1103

Delta R.T. 0.000 min

Lab File: BF132374.D

Acq: 09 Feb 2023 11:21

Instrument :

BNA_F

ClientSampleId :

PB150738BS

Tgt Ion:196 Resp: 332170

Ion Ratio Lower Upper

196 100

198 96.7 75.9 113.9

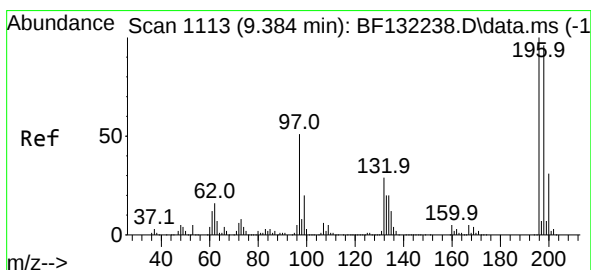
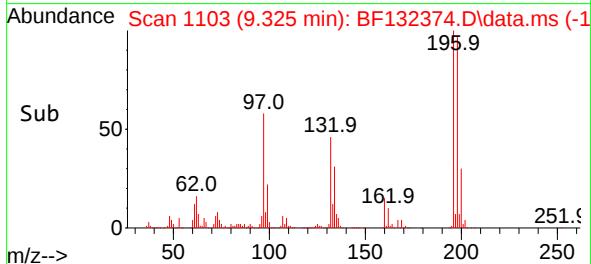
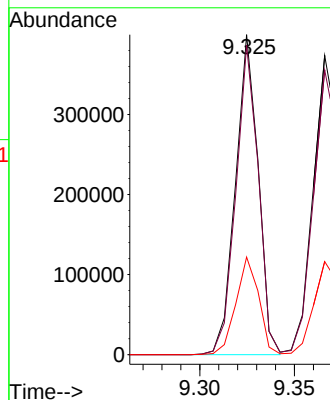
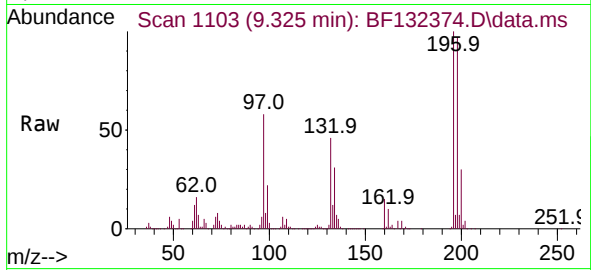
200 30.5 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/10/2023

Supervised By :Jagrut Upadhyay 02/10/2023



#44

2,4,5-Trichlorophenol

Concen: 43.484 ng

RT: 9.366 min Scan# 1110

Delta R.T. 0.006 min

Lab File: BF132374.D

Acq: 09 Feb 2023 11:21

Tgt Ion:196 Resp: 353951

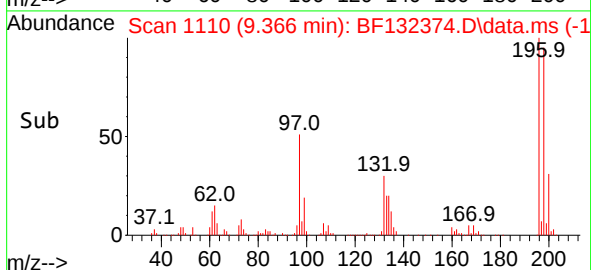
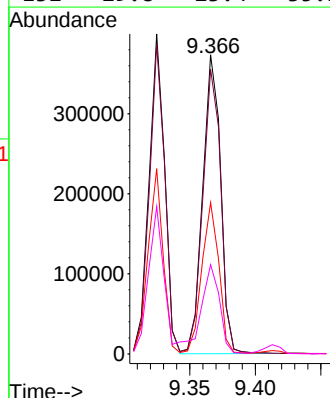
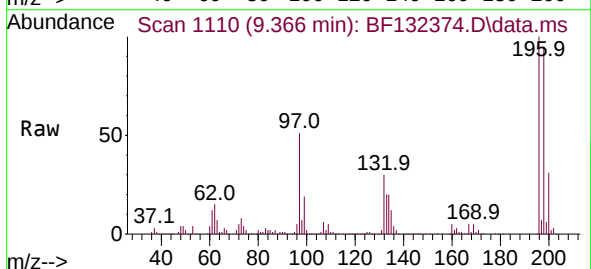
Ion Ratio Lower Upper

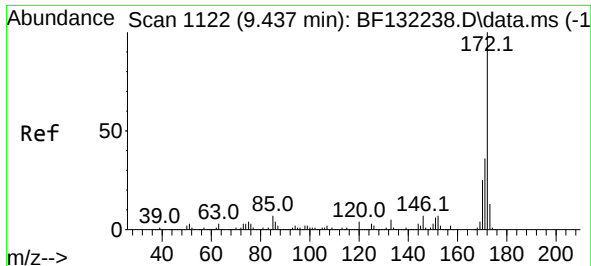
196 100

198 95.2 77.0 115.4

97 50.6 41.2 61.8

132 29.8 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 83.166 ng

RT: 9.413 min Scan# 1118

Delta R.T. 0.000 min

Lab File: BF132374.D

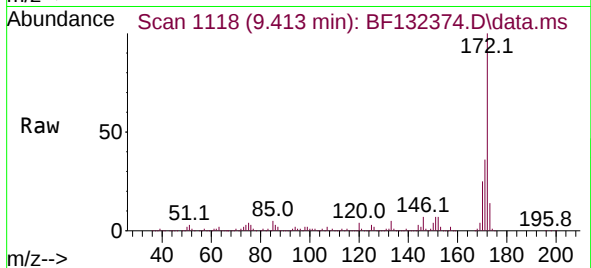
Acq: 09 Feb 2023 11:21

Instrument :

BNA_F

ClientSampleId :

PB150738BS



Tgt Ion:172 Resp: 189331

Ion Ratio Lower Upper

172 100

171 36.3 28.6 43.0

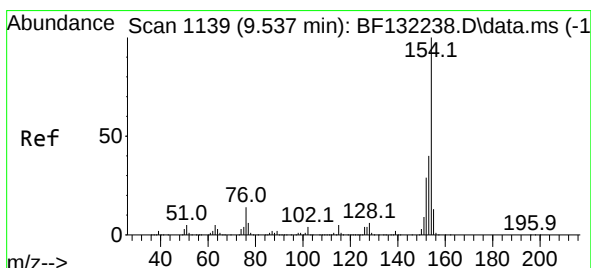
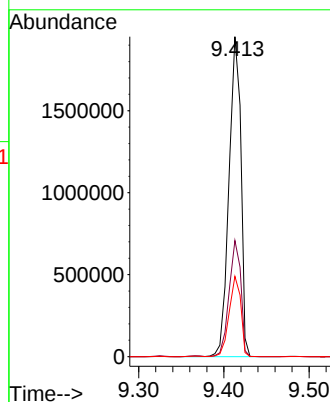
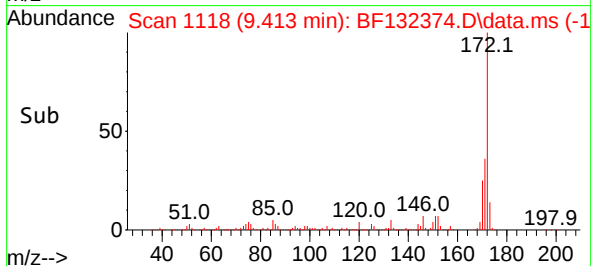
170 25.1 19.7 29.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/10/2023

Supervised By :Jagrut Upadhyay 02/10/2023



#46

1,1'-Biphenyl

Concen: 44.063 ng

RT: 9.519 min Scan# 1136

Delta R.T. 0.006 min

Lab File: BF132374.D

Acq: 09 Feb 2023 11:21

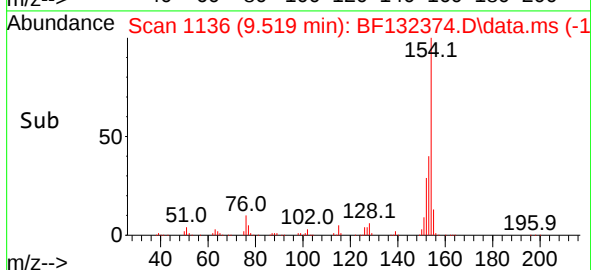
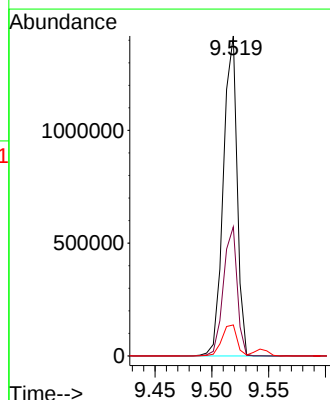
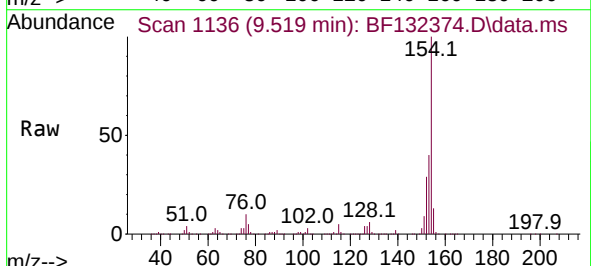
Tgt Ion:154 Resp: 1194245

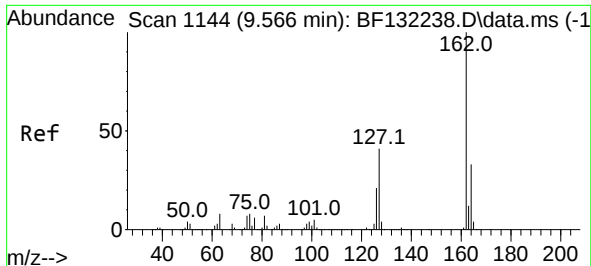
Ion Ratio Lower Upper

154 100

153 40.3 19.9 59.9

76 9.7 0.0 34.0





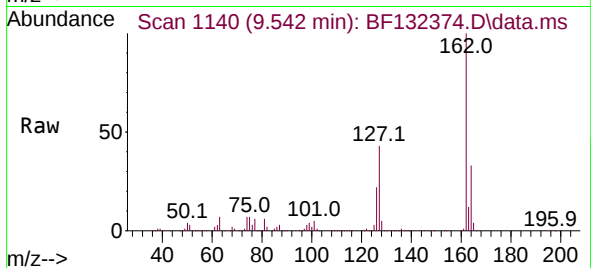
#47
2-Chloronaphthalene
Concen: 45.084 ng
RT: 9.542 min Scan# 1144
Delta R.T. 0.000 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

Instrument :

BNA_F

ClientSampleId :

PB150738BS

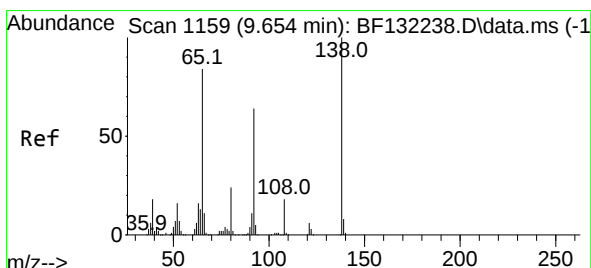
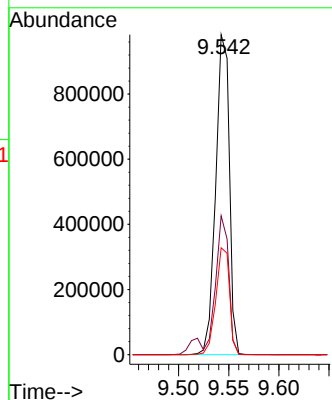
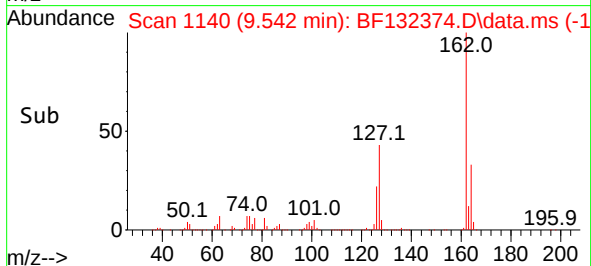


Tgt Ion:162 Resp: 930669
Ion Ratio Lower Upper
162 100
127 43.4 33.3 49.9
164 33.4 26.8 40.2

Manual Integrations

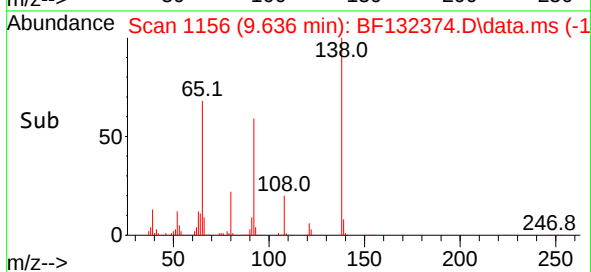
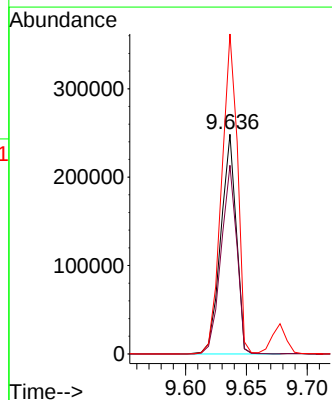
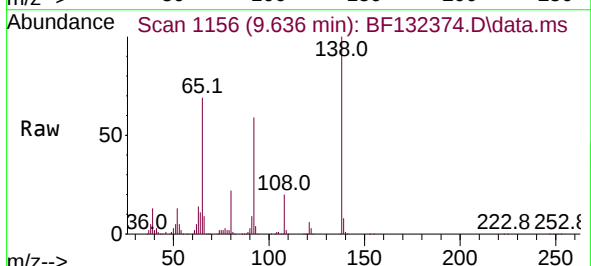
APPROVED

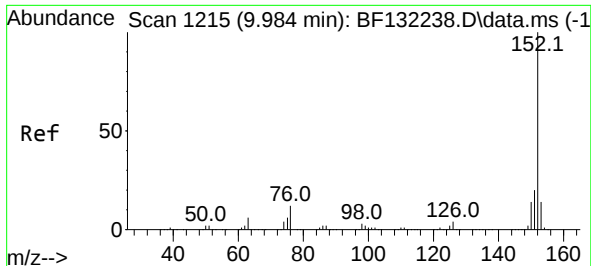
Reviewed By :Christian Giraldo 02/10/2023
Supervised By :Jagrut Upadhyay 02/10/2023



#48
2-Nitroaniline
Concen: 35.849 ng
RT: 9.636 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

Tgt Ion: 65 Resp: 220089
Ion Ratio Lower Upper
65 100
92 85.8 61.0 91.4
138 145.7 95.0 142.4#





#49

Acenaphthylene

Concen: 42.502 ng

RT: 9.966 min Scan# 1186

Delta R.T. 0.006 min

Lab File: BF132374.D

Acq: 09 Feb 2023 11:21

Instrument :

BNA_F

ClientSampleId :

PB150738BS

Tgt Ion:152 Resp: 1431919

Ion Ratio Lower Upper

152 100

151 20.3 15.9 23.9

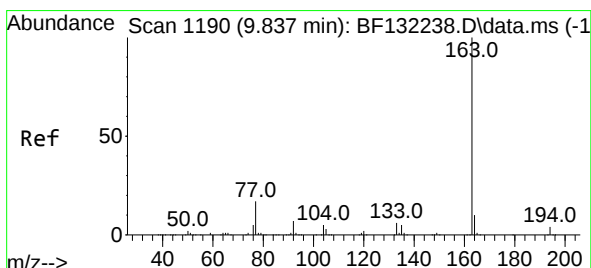
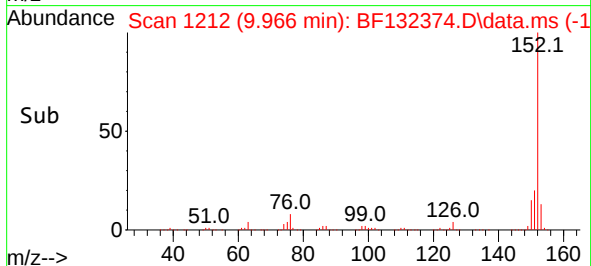
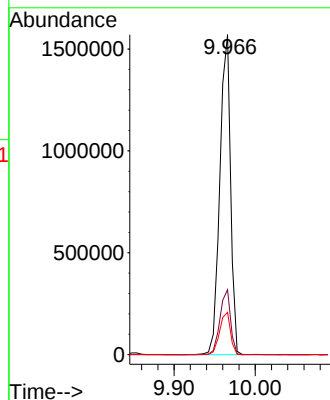
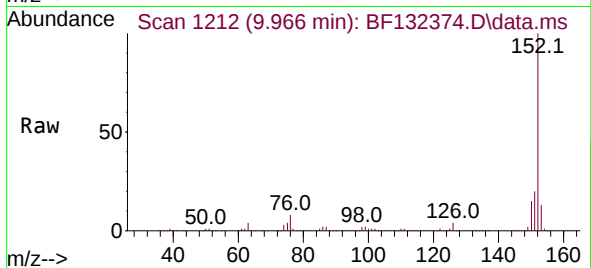
153 13.2 10.9 16.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/10/2023

Supervised By :Jagrut Upadhyay 02/10/2023



#50

Dimethylphthalate

Concen: 44.114 ng

RT: 9.813 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF132374.D

Acq: 09 Feb 2023 11:21

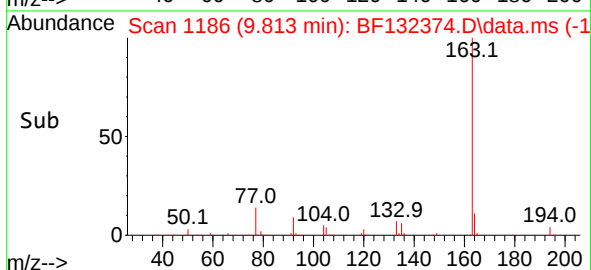
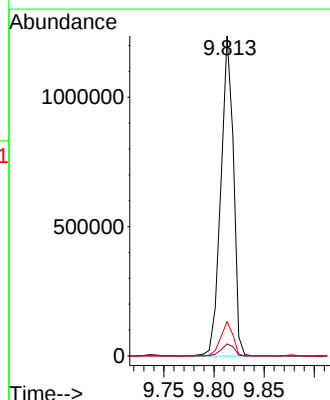
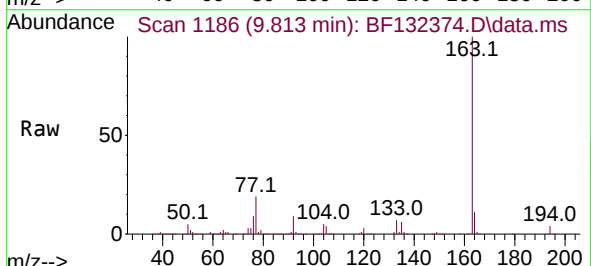
Tgt Ion:163 Resp: 1084825

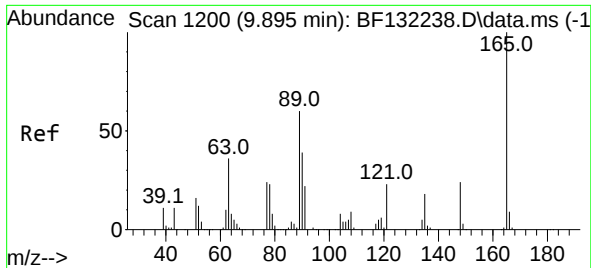
Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

164 10.7 7.9 11.9





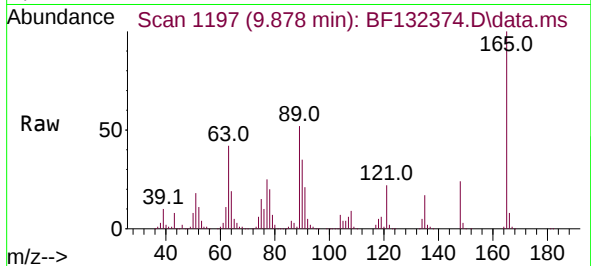
#51
2,6-Dinitrotoluene
Concen: 44.854 ng
RT: 9.878 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

Instrument :

BNA_F

ClientSampleId :

PB150738BS

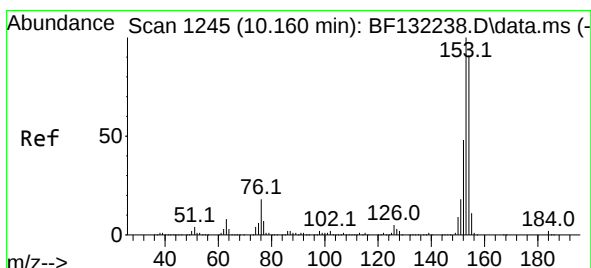
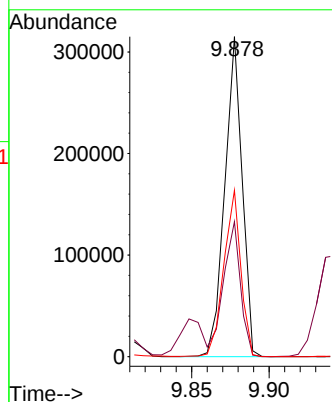
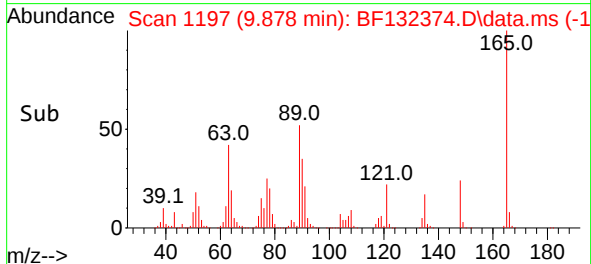


Tgt Ion:165 Resp: 246344
Ion Ratio Lower Upper
165 100
63 42.2 41.5 62.3
89 52.0 48.1 72.1

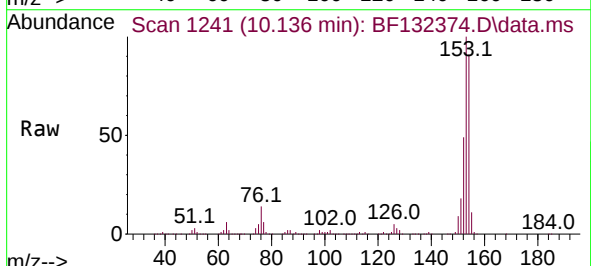
Manual Integrations

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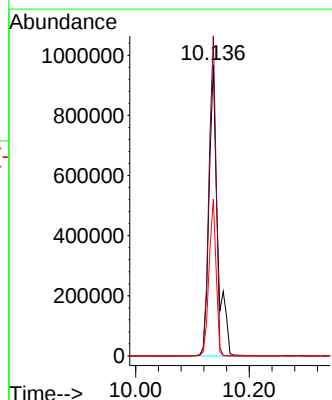
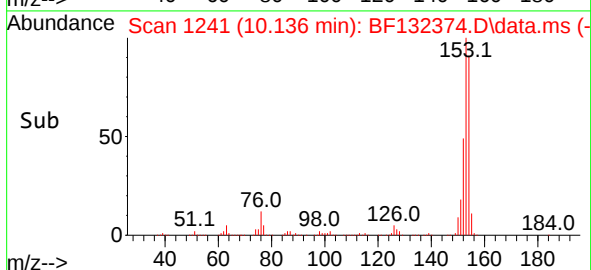
Reviewed By :Christian Giraldo 02/10/2023
Supervised By :Jagrut Upadhyay 02/10/2023

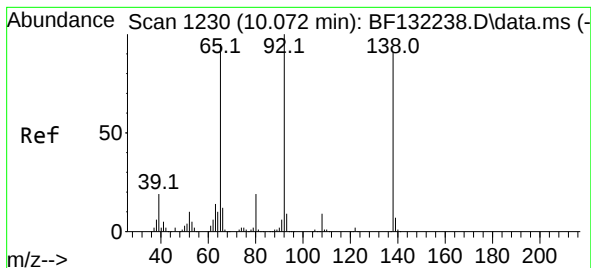


#52
Acenaphthene
Concen: 48.514 ng
RT: 10.136 min Scan# 1241
Delta R.T. 0.000 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21



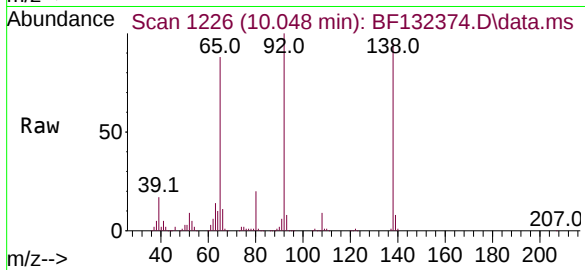
Tgt Ion:154 Resp: 1023265
Ion Ratio Lower Upper
154 100
153 110.0 88.3 132.5
152 53.9 42.7 64.1





#53
3-Nitroaniline
Concen: 27.759 ng
RT: 10.048 min Scan# 1226
Delta R.T. 0.000 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

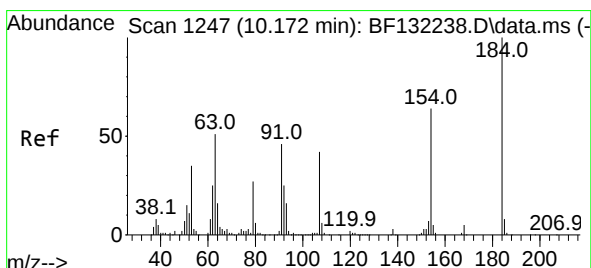
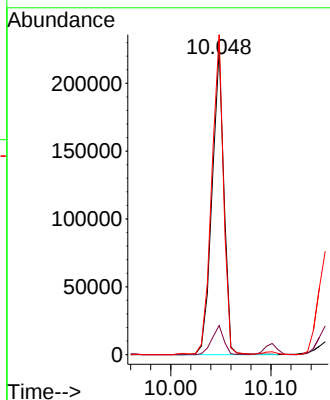
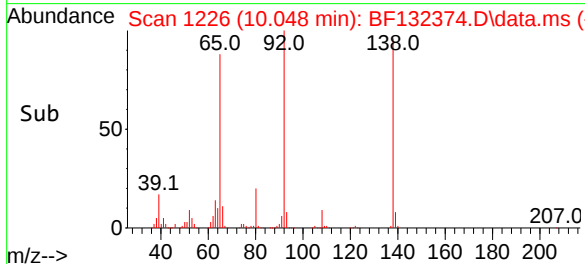
Instrument :
BNA_F
ClientSampleId :
PB150738BS



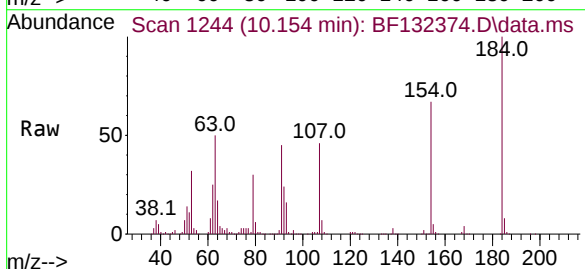
Tgt Ion:138 Resp: 18488
Ion Ratio Lower Upper
138 100
108 9.5 7.6 11.4
92 104.7 88.3 132.5

Manual Integrations
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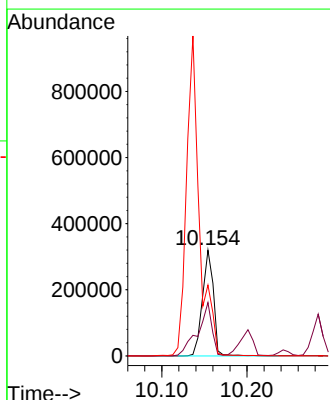
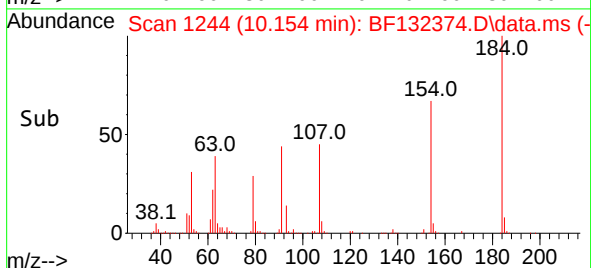
Reviewed By :Christian Giraldo 02/10/2023
Supervised By :Jagrut Upadhyay 02/10/2023

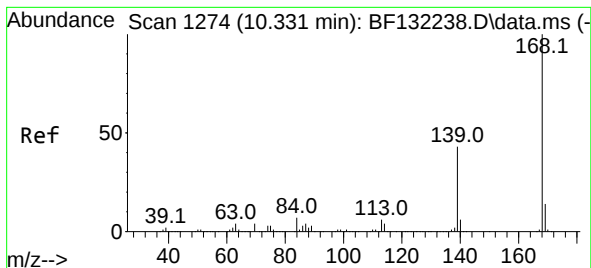


#54
2,4-Dinitrophenol
Concen: 89.775 ng
RT: 10.154 min Scan# 1244
Delta R.T. 0.006 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21



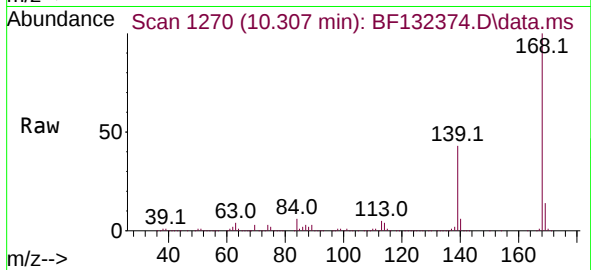
Tgt Ion:184 Resp: 287591
Ion Ratio Lower Upper
184 100
63 50.5 41.6 62.4
154 67.1 57.0 85.6





#55
Dibenzenofuran
Concen: 42.241 ng
RT: 10.307 min Scan# 1270
Delta R.T. 0.000 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

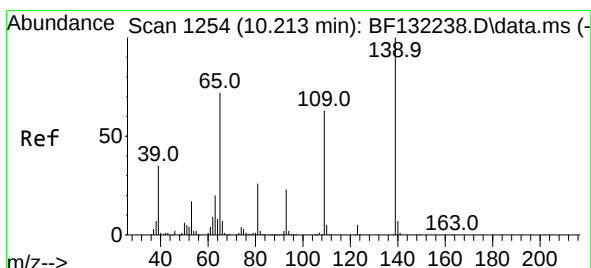
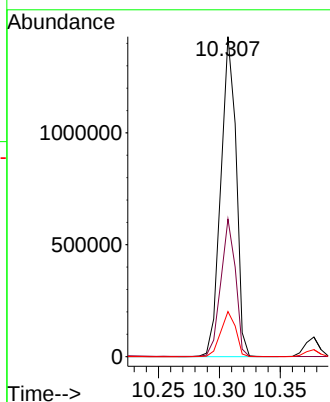
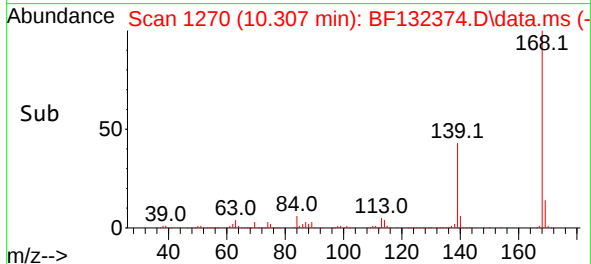
Instrument :
BNA_F
ClientSampleId :
PB150738BS



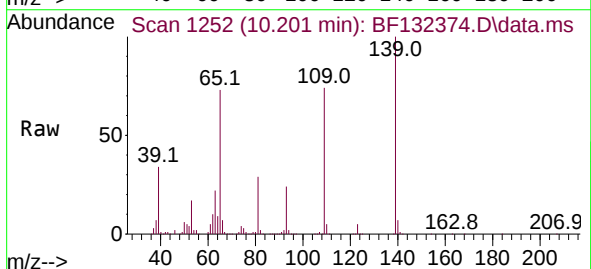
Tgt Ion:168 Resp: 1251840
Ion Ratio Lower Upper
168 100
139 43.0 34.2 51.4
169 14.1 11.2 16.8

Manual Integrations
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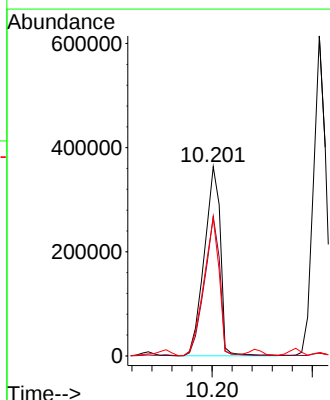
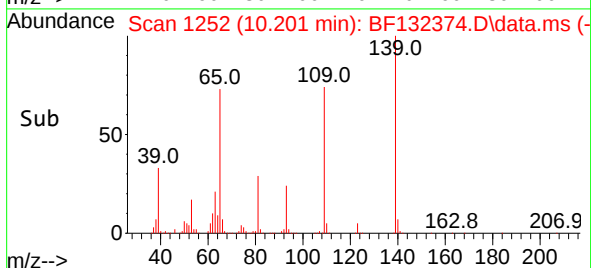
Reviewed By :Christian Giraldo 02/10/2023
Supervised By :Jagrut Upadhyay 02/10/2023

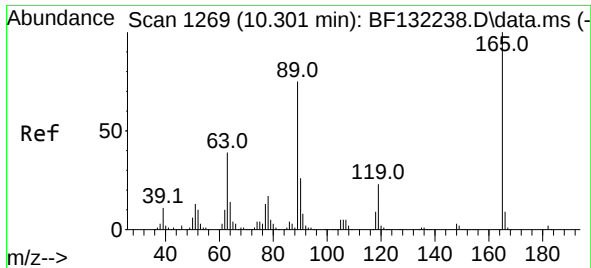


#56
4-Nitrophenol
Concen: 80.674 ng
RT: 10.201 min Scan# 1252
Delta R.T. 0.012 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21



Tgt Ion:139 Resp: 404339
Ion Ratio Lower Upper
139 100
109 73.8 43.3 83.3
65 72.8 52.3 92.3





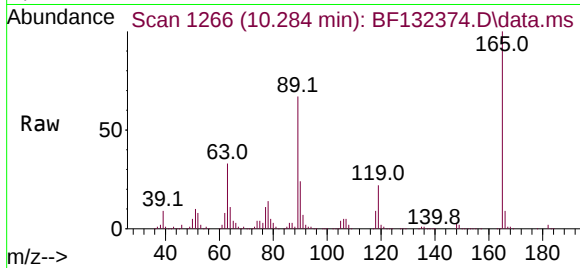
#57
2,4-Dinitrotoluene
Concen: 45.884 ng
RT: 10.284 min Scan# 1266
Delta R.T. 0.000 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

Instrument :

BNA_F

ClientSampleId :

PB150738BS

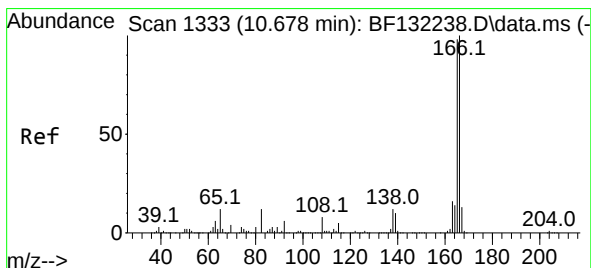
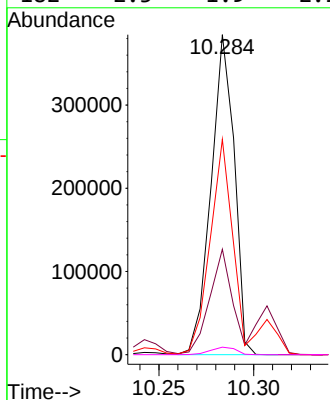
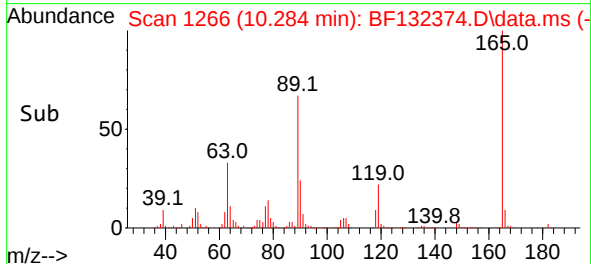


Tgt Ion:165 Resp: 32735
Ion Ratio Lower Upper
165 100
63 32.9 30.9 46.3
89 67.3 60.1 90.1
182 2.3 1.9 2.9

Manual Integrations

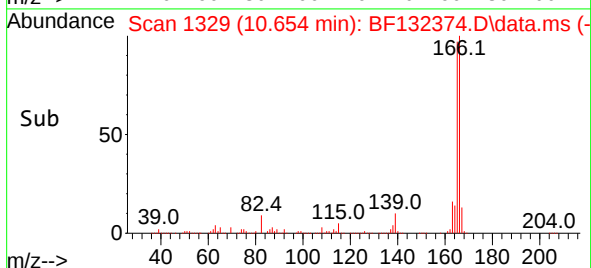
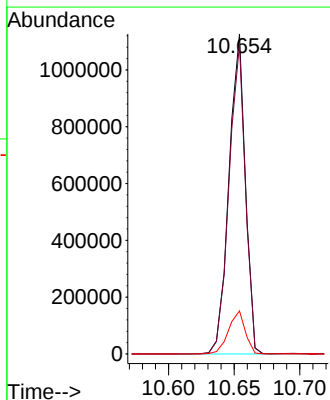
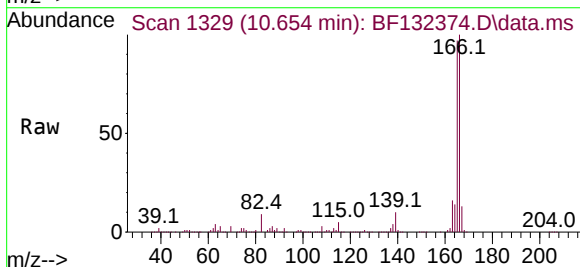
APPROVED

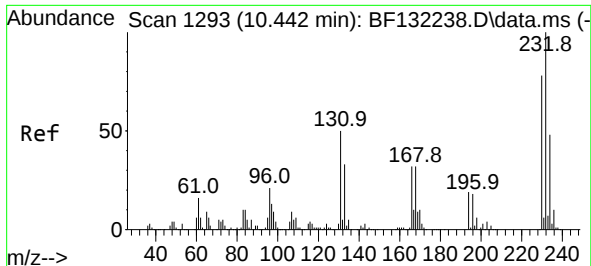
Reviewed By :Christian Giraldo 02/10/2023
Supervised By :Jagrut Upadhyay 02/10/2023



#58
Fluorene
Concen: 42.903 ng
RT: 10.654 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

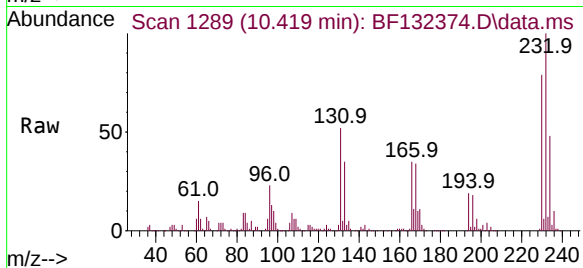
Tgt Ion:166 Resp: 978509
Ion Ratio Lower Upper
166 100
165 96.7 78.0 117.0
167 13.4 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.279 ng
RT: 10.419 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

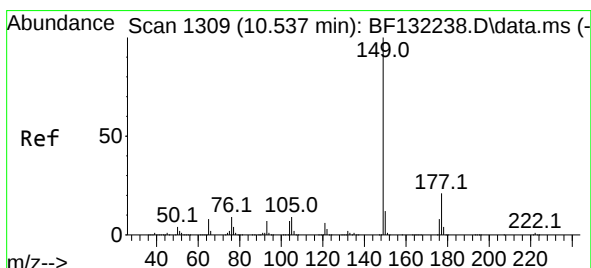
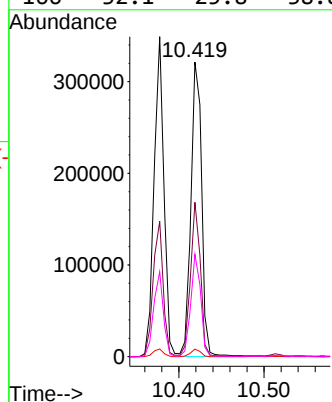
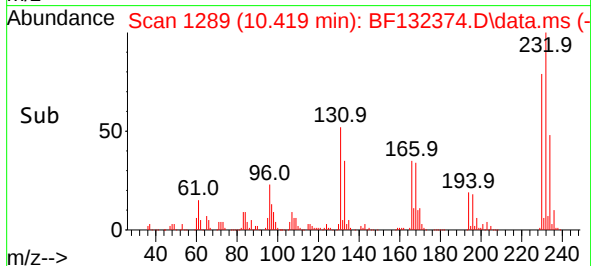
Instrument :
BNA_F
ClientSampleId :
PB150738BS



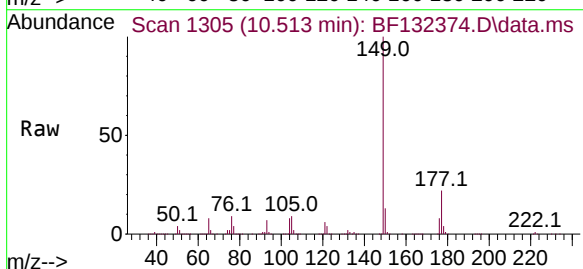
Tgt Ion:232 Resp: 280556
Ion Ratio Lower Upper
232 100
131 48.1 40.6 61.0
130 2.3 1.9 2.9
166 32.1 25.8 38.8

Manual Integrations
APPROVED

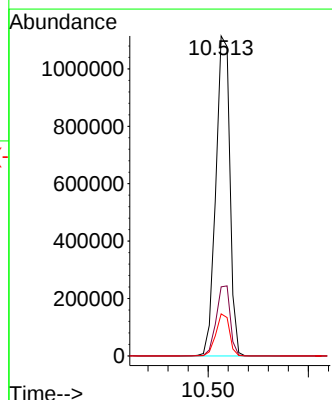
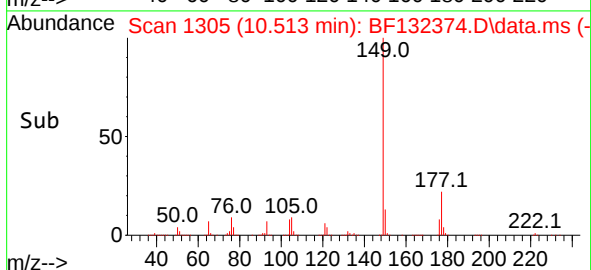
Reviewed By :Christian Giraldo 02/10/2023
Supervised By :Jagrut Upadhyay 02/10/2023

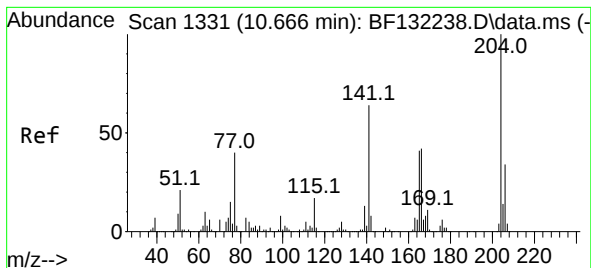


#60
Diethylphthalate
Concen: 44.359 ng
RT: 10.513 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21



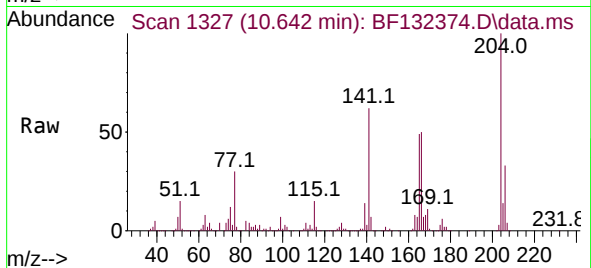
Tgt Ion:149 Resp: 1085189
Ion Ratio Lower Upper
149 100
177 21.6 17.1 25.7
150 13.1 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 44.893 ng
RT: 10.642 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

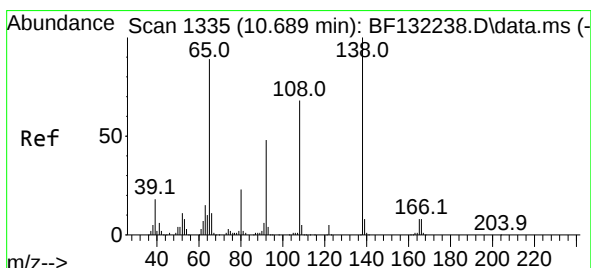
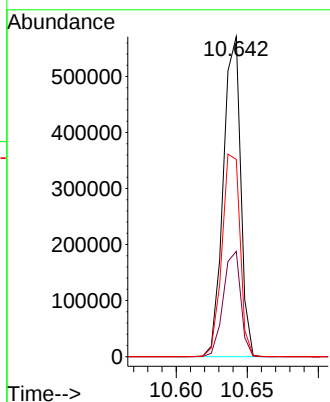
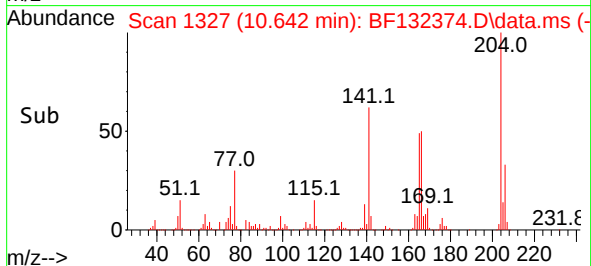
Instrument :
BNA_F
ClientSampleId :
PB150738BS



Tgt Ion:204 Resp: 485936
Ion Ratio Lower Upper
204 100
206 32.9 26.8 40.2
141 61.6 51.4 77.0

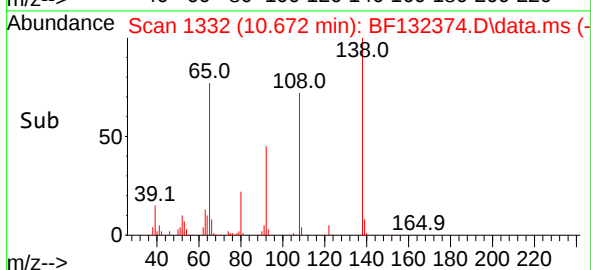
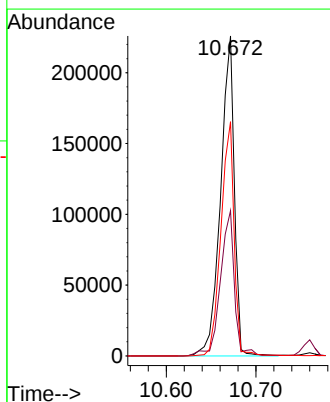
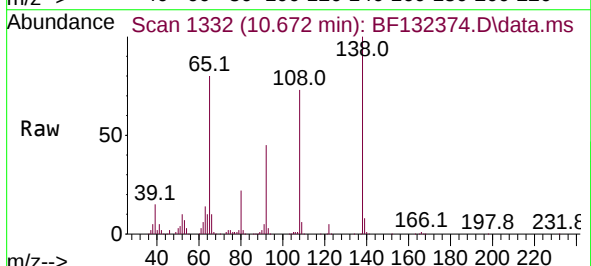
Manual Integrations
APPROVED

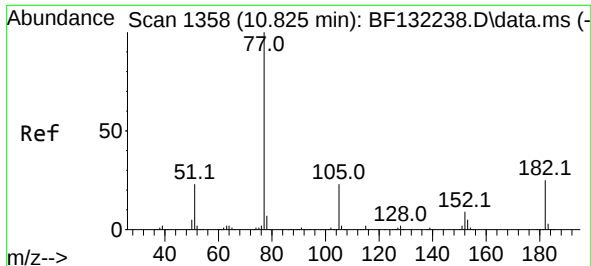
Reviewed By :Christian Giraldo 02/10/2023
Supervised By :Jagrut Upadhyay 02/10/2023



#62
4-Nitroaniline
Concen: 37.865 ng
RT: 10.672 min Scan# 1332
Delta R.T. 0.006 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

Tgt Ion:138 Resp: 241841
Ion Ratio Lower Upper
138 100
92 45.4 27.7 67.7
108 73.2 48.5 88.5





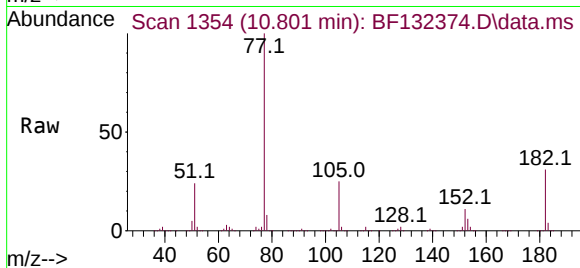
#63
Azobenzene
Concen: 36.242 ng
RT: 10.801 min Scan# 1358
Delta R.T. 0.000 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

Instrument :

BNA_F

ClientSampleId :

PB150738BS

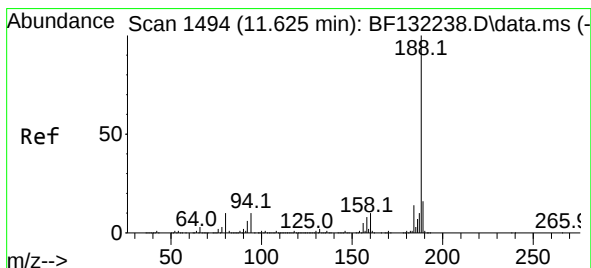
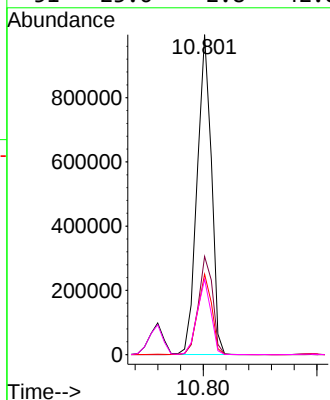
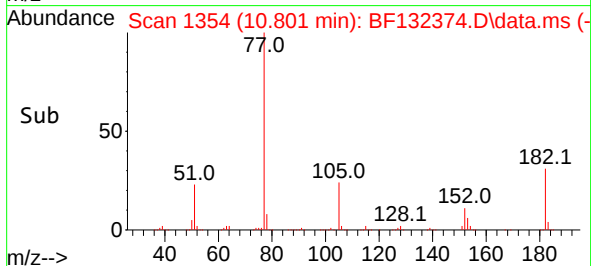


Tgt Ion: 77 Resp: 863618
Ion Ratio Lower Upper
77 100
182 30.7 4.5 44.5
105 25.1 2.7 42.7
51 23.6 2.8 42.8

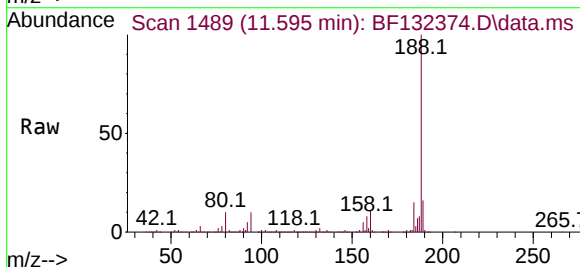
Manual Integrations

APPROVED

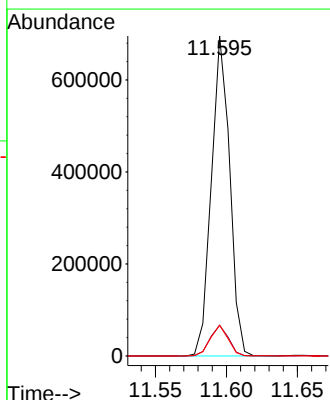
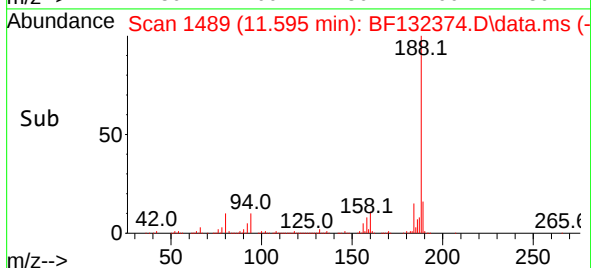
Reviewed By :Christian Giraldo 02/10/2023
Supervised By :Jagrut Upadhyay 02/10/2023

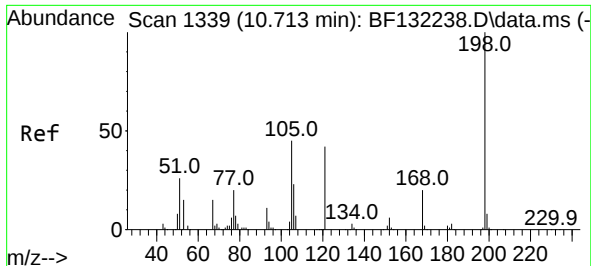


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.595 min Scan# 1489
Delta R.T. 0.000 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21



Tgt Ion:188 Resp: 625130
Ion Ratio Lower Upper
188 100
94 9.6 8.2 12.2
80 9.6 8.3 12.5





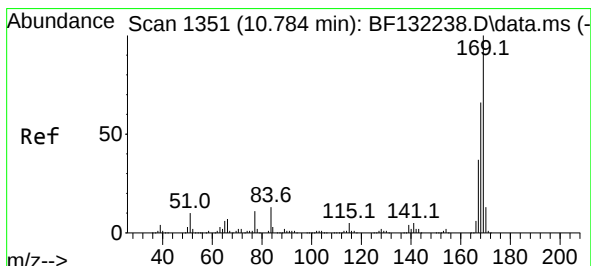
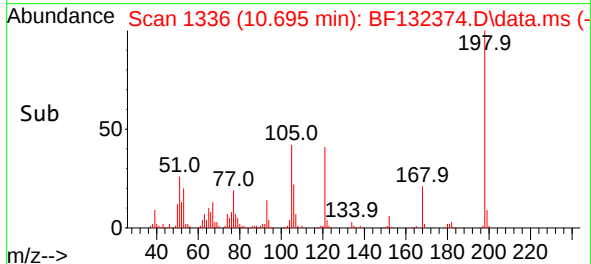
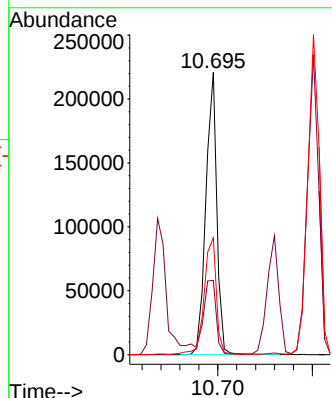
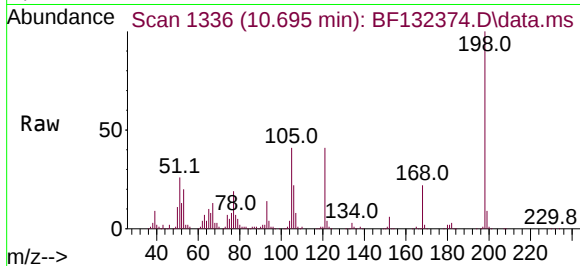
#65
4,6-Dinitro-2-methylphenol
Concen: 50.097 ng
RT: 10.695 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

Instrument :
BNA_F
ClientSampleId :
PB150738BS

Tgt Ion:198 Resp: 177742
Ion Ratio Lower Upper
198 100
51 26.3 13.1 53.1
105 41.4 26.0 66.0

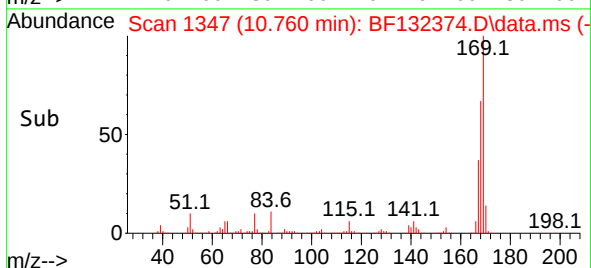
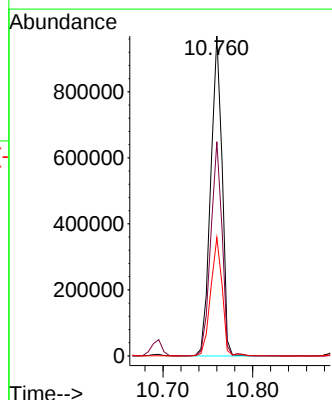
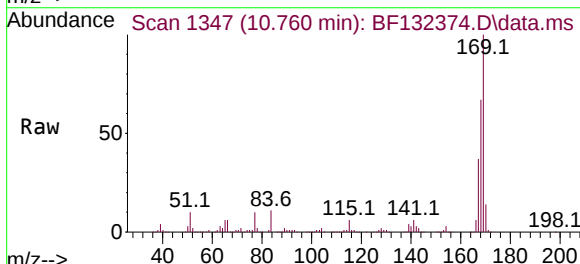
Manual Integrations
APPROVED

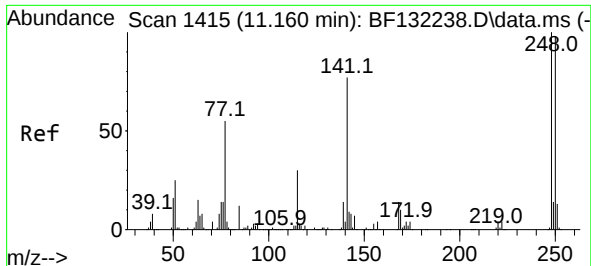
Reviewed By :Christian Giraldo 02/10/2023
Supervised By :Jagrut Upadhyay 02/10/2023



#66
n-Nitrosodiphenylamine
Concen: 43.609 ng
RT: 10.760 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

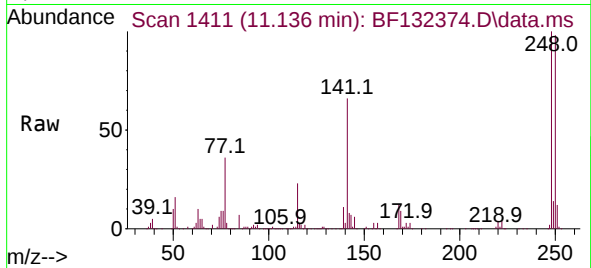
Tgt Ion:169 Resp: 853648
Ion Ratio Lower Upper
169 100
168 66.9 52.6 79.0
167 37.0 29.5 44.3





#67
4-Bromophenyl-phenylether
Concen: 48.712 ng
RT: 11.136 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

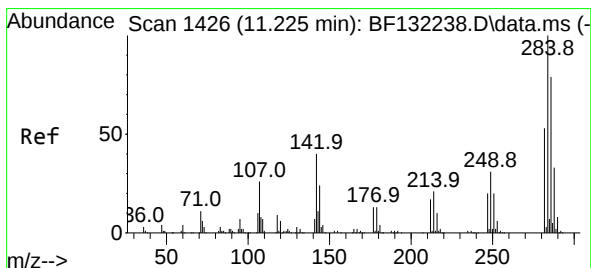
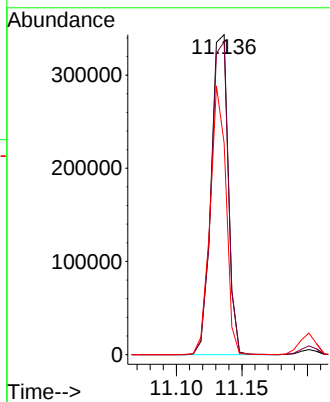
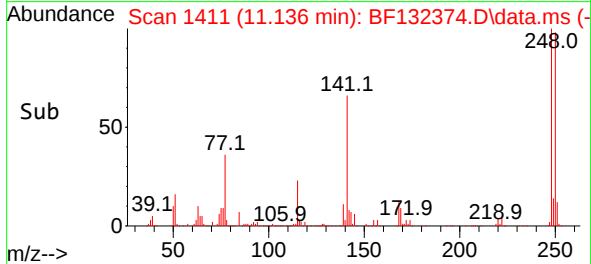
Instrument :
BNA_F
ClientSampleId :
PB150738BS



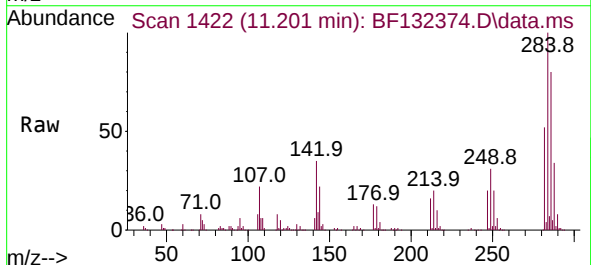
Tgt Ion:248 Resp: 311817
Ion Ratio Lower Upper
248 100
250 97.8 78.6 117.8
141 66.1 61.6 92.4

Manual Integrations
APPROVED

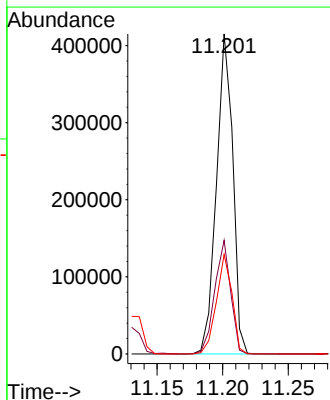
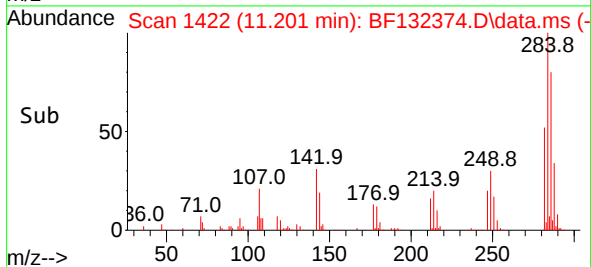
Reviewed By :Christian Giraldo 02/10/2023
Supervised By :Jagrut Upadhyay 02/10/2023

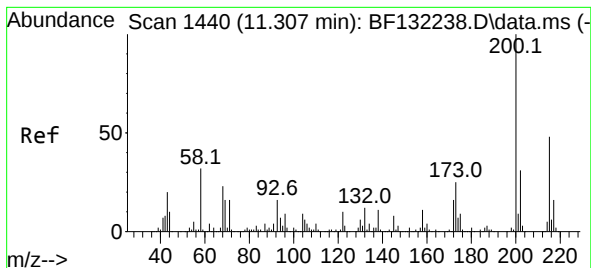


#68
Hexachlorobenzene
Concen: 52.684 ng
RT: 11.201 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21



Tgt Ion:284 Resp: 360459
Ion Ratio Lower Upper
284 100
142 35.5 32.2 48.4
249 31.1 25.0 37.6





#69

Atrazine

Concen: 51.497 ng

RT: 11.283 min Scan# 1436

Delta R.T. 0.000 min

Lab File: BF132374.D

Acq: 09 Feb 2023 11:21

Instrument :

BNA_F

ClientSampleId :

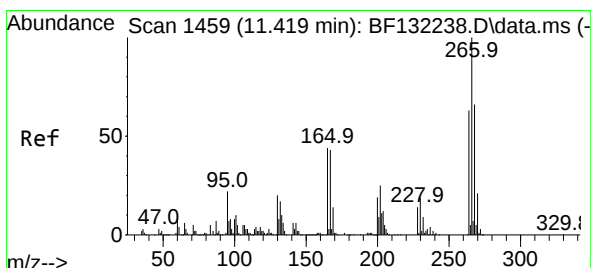
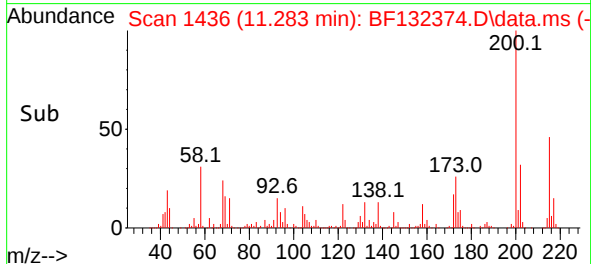
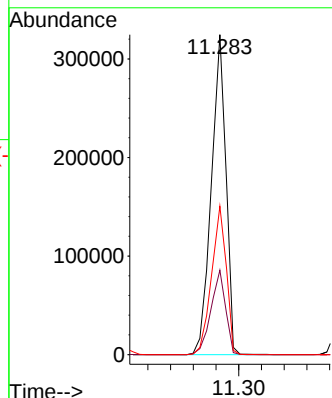
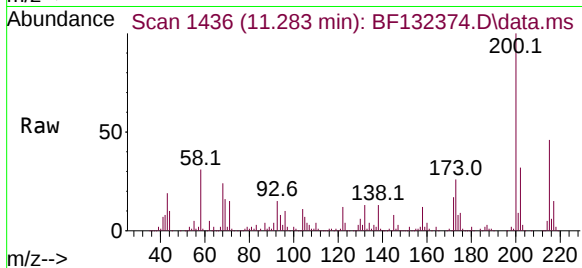
PB150738BS

Tgt Ion:	200	Resp:	289952
Ion Ratio	Lower	Upper	
200	100		
173	26.4	5.1	45.1
215	46.4	27.6	67.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/10/2023
Supervised By :Jagrut Upadhyay 02/10/2023



#70

Pentachlorophenol

Concen: 84.119 ng

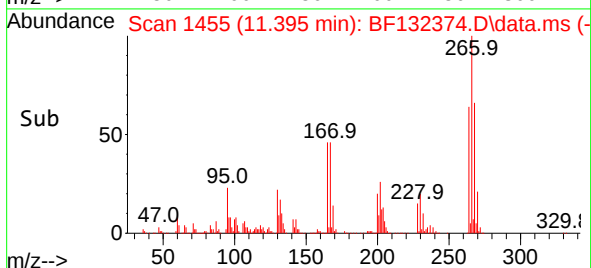
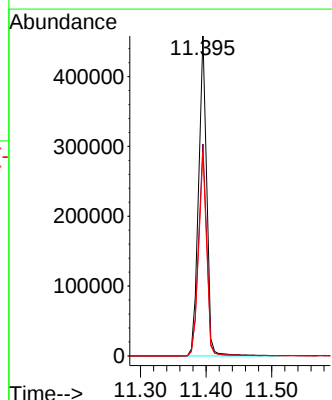
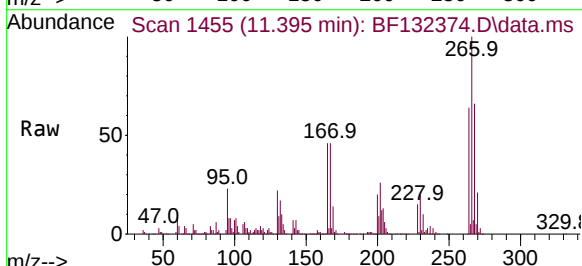
RT: 11.395 min Scan# 1455

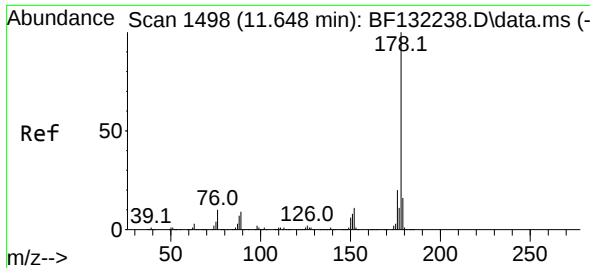
Delta R.T. 0.006 min

Lab File: BF132374.D

Acq: 09 Feb 2023 11:21

Tgt Ion:	266	Resp:	395445
Ion Ratio	Lower	Upper	
266	100		
268	66.2	53.0	79.4
264	63.7	50.5	75.7





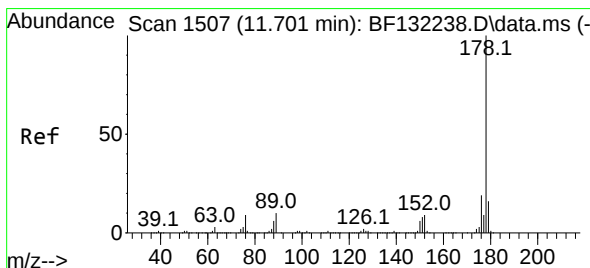
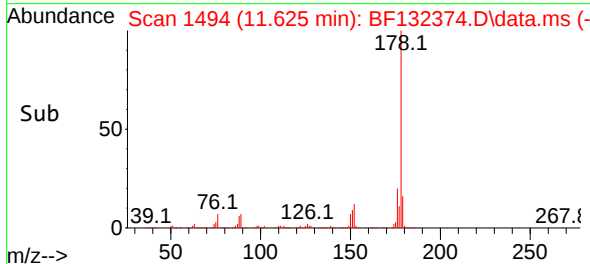
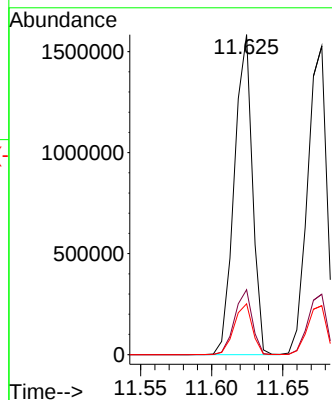
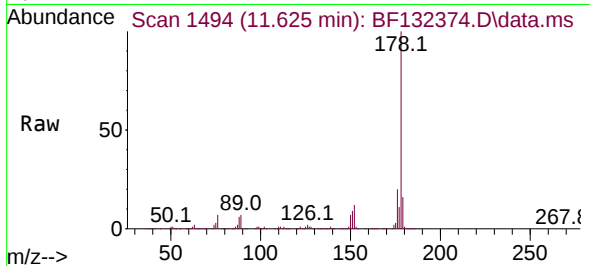
#71
Phenanthrene
Concen: 42.892 ng
RT: 11.625 min Scan# 1498
Delta R.T. 0.006 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

Instrument :
BNA_F
ClientSampleId :
PB150738BS

Tgt Ion:178 Resp: 1401138
Ion Ratio Lower Upper
178 100
176 20.3 16.2 24.4
179 15.9 12.8 19.2

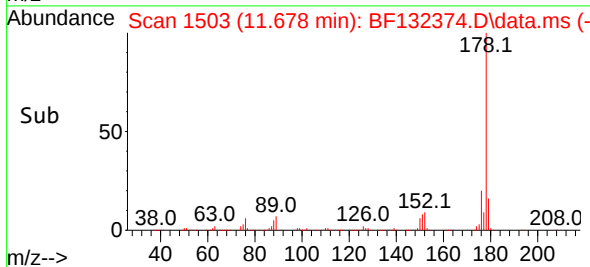
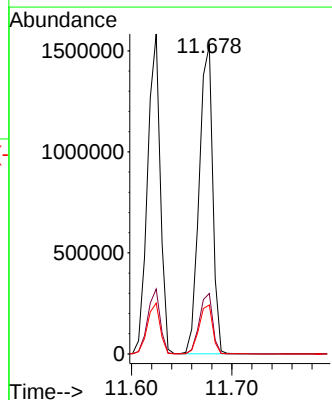
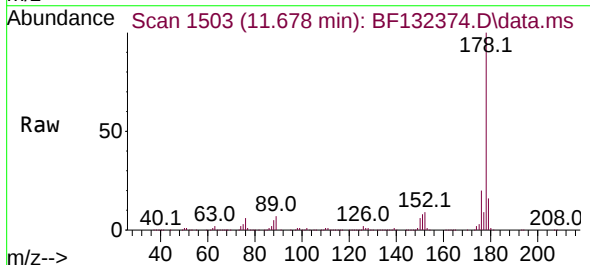
Manual Integrations
APPROVED

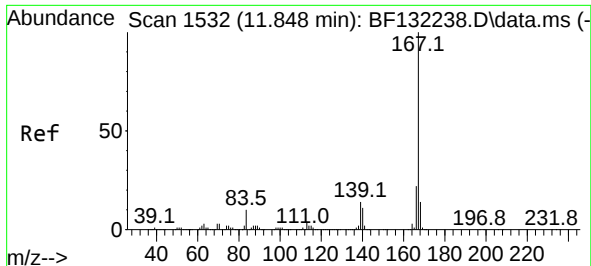
Reviewed By :Christian Giraldo 02/10/2023
Supervised By :Jagrut Upadhyay 02/10/2023



#72
Anthracene
Concen: 43.057 ng
RT: 11.678 min Scan# 1503
Delta R.T. 0.006 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

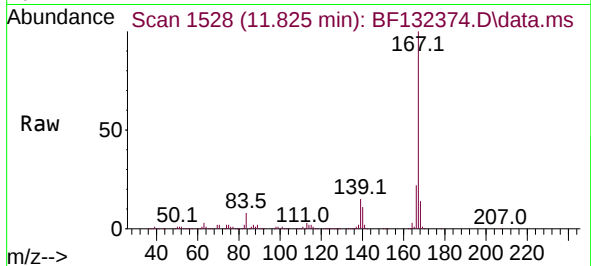
Tgt Ion:178 Resp: 1431391
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.2
179 15.8 12.8 19.2





#73
 Carbazole
 Concen: 41.599 ng
 RT: 11.825 min Scan# 1528
 Delta R.T. 0.000 min
 Lab File: BF132374.D
 Acq: 09 Feb 2023 11:21

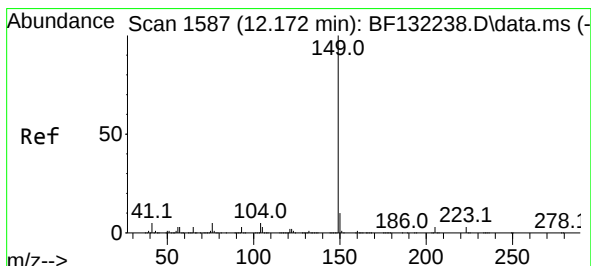
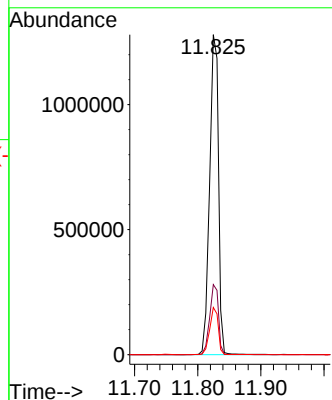
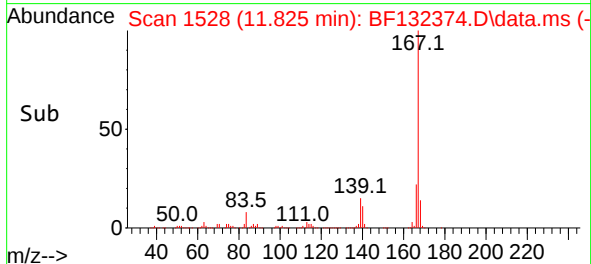
Instrument :
 BNA_F
 ClientSampleId :
 PB150738BS



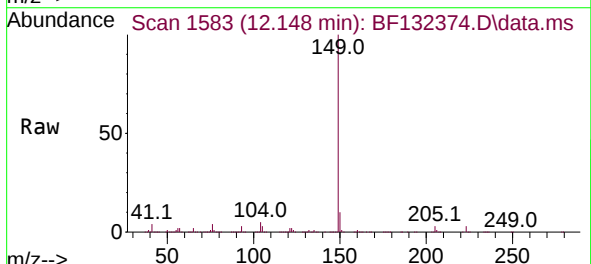
Tgt Ion:167 Resp: 1240012
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.0
 139 14.7 11.4 17.2

Manual Integrations
 APPROVED

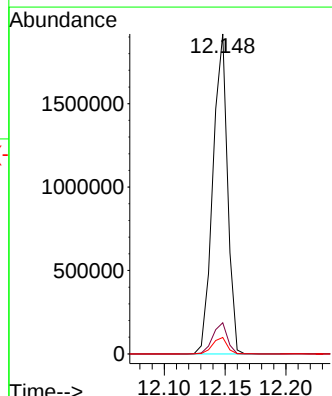
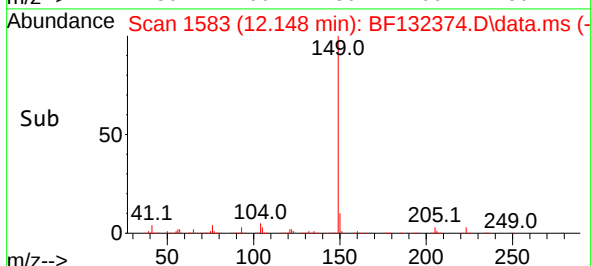
Reviewed By :Christian Giraldo 02/10/2023
 Supervised By :Jagrut Upadhyay 02/10/2023

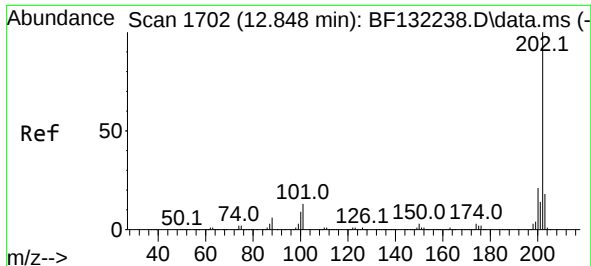


#74
 Di-n-butylphthalate
 Concen: 45.625 ng
 RT: 12.148 min Scan# 1583
 Delta R.T. 0.000 min
 Lab File: BF132374.D
 Acq: 09 Feb 2023 11:21



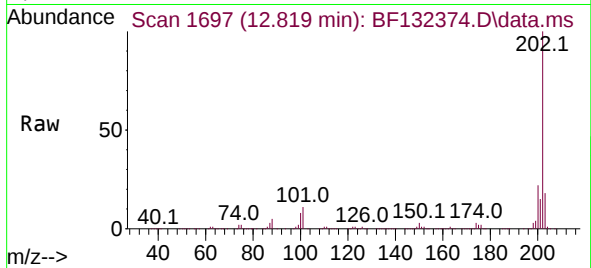
Tgt Ion:149 Resp: 1607843
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.8 11.8
 104 5.1 4.3 6.5





#75
Fluoranthene
Concen: 41.086 ng
RT: 12.819 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

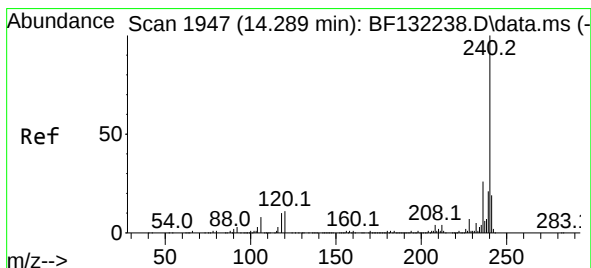
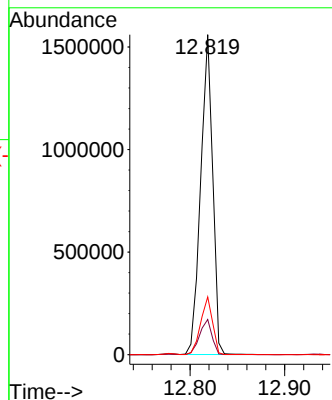
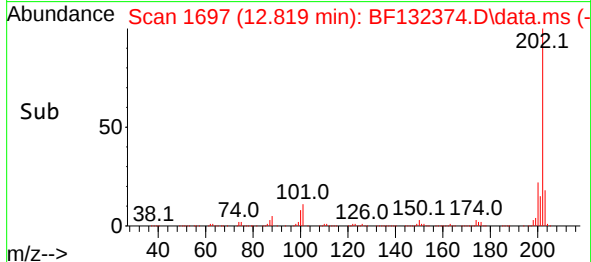
Instrument :
BNA_F
ClientSampleId :
PB150738BS



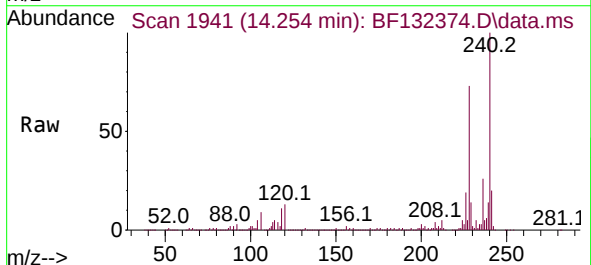
Tgt Ion:202 Resp: 1369633
Ion Ratio Lower Upper
202 100
101 11.0 0.0 32.7
203 18.0 0.0 37.9

Manual Integrations
APPROVED

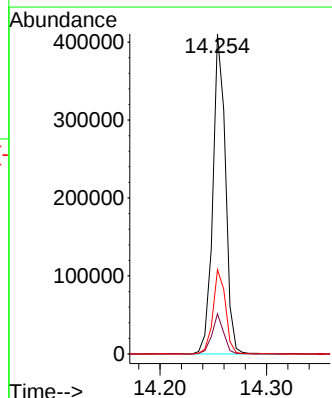
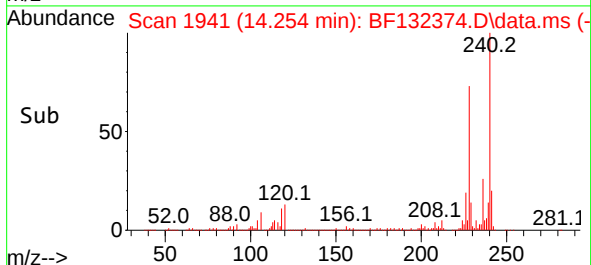
Reviewed By :Christian Giraldo 02/10/2023
Supervised By :Jagrut Upadhyay 02/10/2023

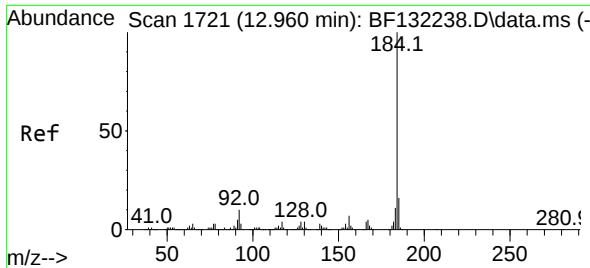


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.254 min Scan# 1941
Delta R.T. 0.000 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21



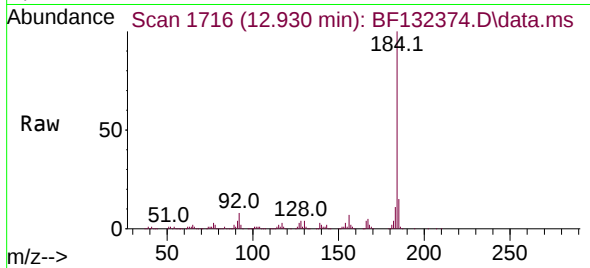
Tgt Ion:240 Resp: 337993
Ion Ratio Lower Upper
240 100
120 12.5 8.8 13.2
236 26.3 21.0 31.6





#77
Benzidine
Concen: 25.917 ng
RT: 12.930 min Scan# 1716
Delta R.T. 0.000 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

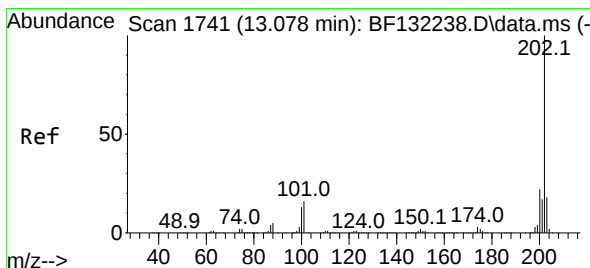
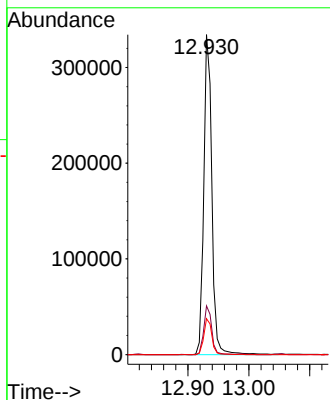
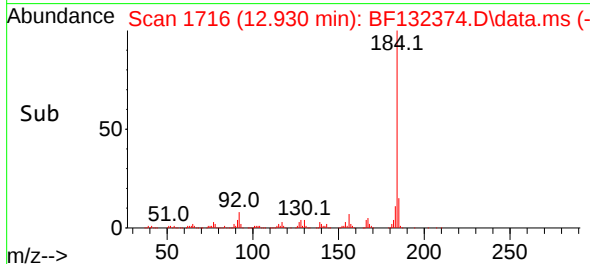
Instrument :
BNA_F
ClientSampleId :
PB150738BS



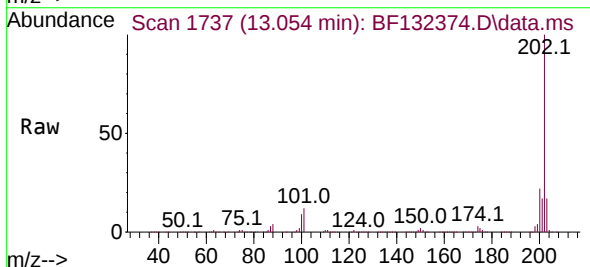
Tgt Ion:184 Resp: 306251
Ion Ratio Lower Upper
184 100
185 15.2 12.6 18.8
183 11.2 8.9 13.3

Manual Integrations
APPROVED

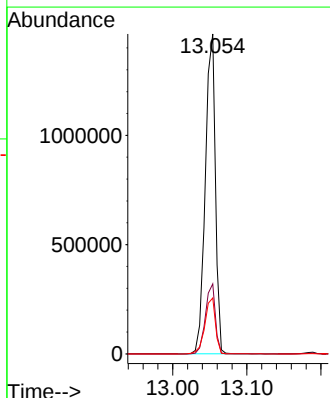
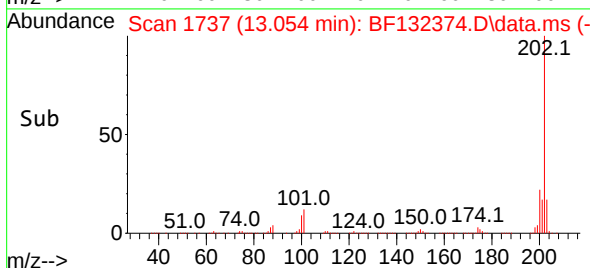
Reviewed By :Christian Giraldo 02/10/2023
Supervised By :Jagrut Upadhyay 02/10/2023

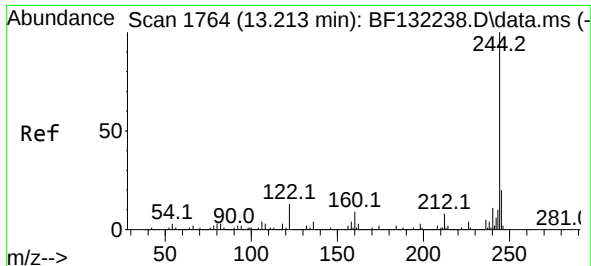


#78
Pyrene
Concen: 50.737 ng
RT: 13.054 min Scan# 1737
Delta R.T. 0.000 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21



Tgt Ion:202 Resp: 1379298
Ion Ratio Lower Upper
202 100
200 21.9 17.3 25.9
203 17.5 14.4 21.6





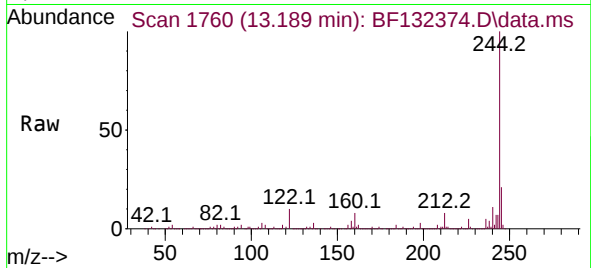
#79
Terphenyl-d14
Concen: 113.621 ng
RT: 13.189 min Scan# 1764
Delta R.T. 0.000 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

Instrument :

BNA_F

ClientSampleId :

PB150738BS

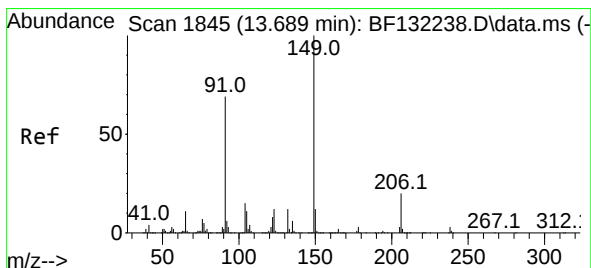
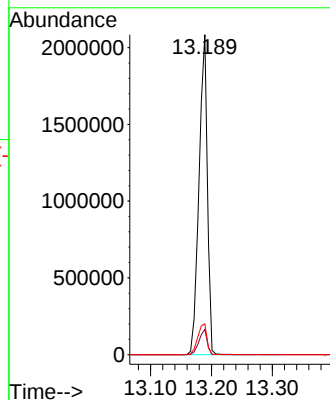
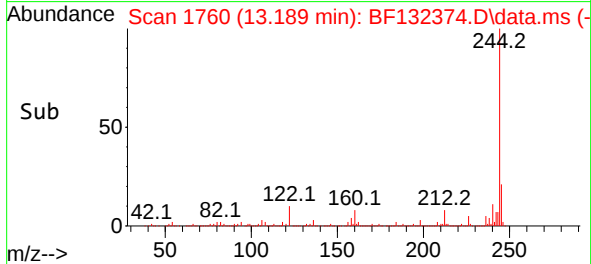


Tgt Ion:244 Resp: 1985266
Ion Ratio Lower Upper
244 100
212 7.9 6.4 9.6
122 9.6 10.5 15.7

Manual Integrations

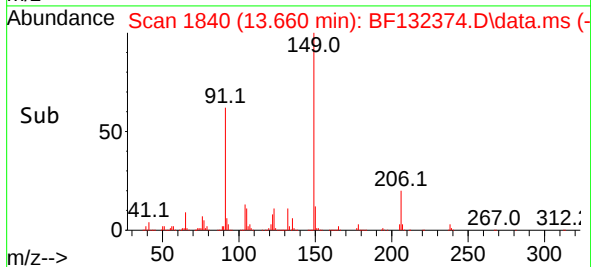
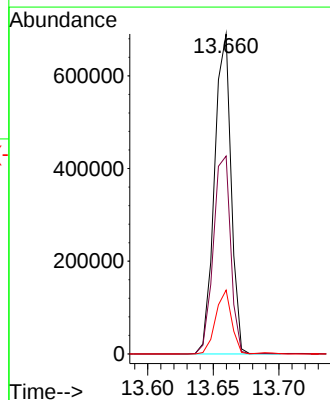
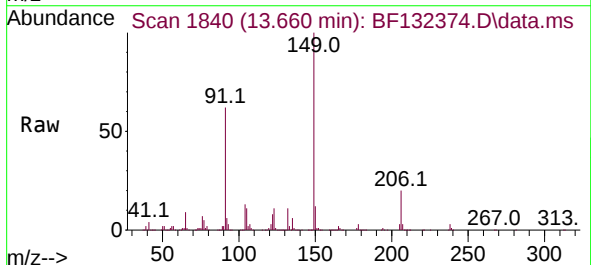
APPROVED

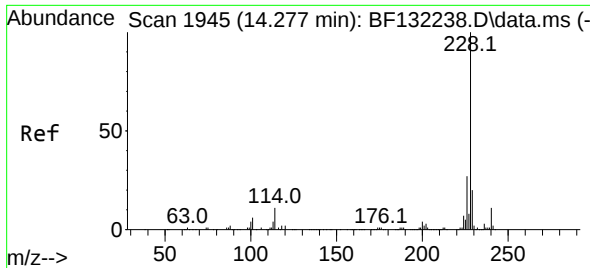
Reviewed By :Christian Giraldo 02/10/2023
Supervised By :Jagrut Upadhyay 02/10/2023



#80
Butylbenzylphthalate
Concen: 50.825 ng
RT: 13.660 min Scan# 1840
Delta R.T. 0.000 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

Tgt Ion:149 Resp: 610439
Ion Ratio Lower Upper
149 100
91 61.8 55.0 82.6
206 20.0 15.9 23.9





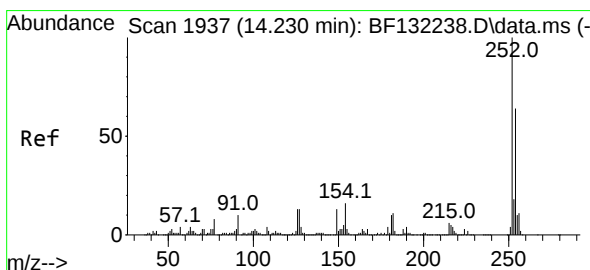
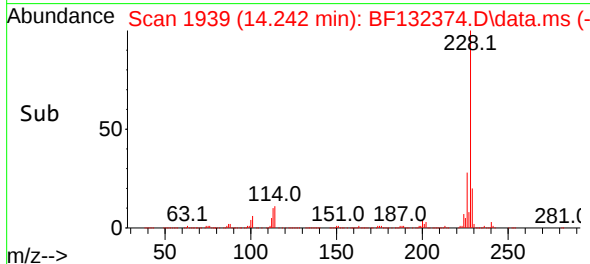
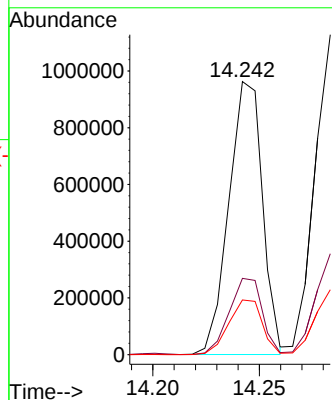
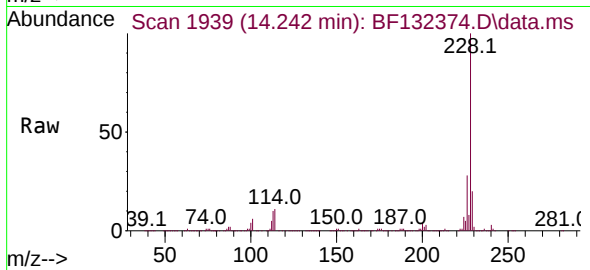
#81
Benzo(a)anthracene
Concen: 44.668 ng
RT: 14.242 min Scan# 1945
Delta R.T. 0.000 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

Instrument :
BNA_F
ClientSampleId :
PB150738BS

Tgt Ion:228 Resp: 105595
Ion Ratio Lower Upper
228 100
226 27.9 22.0 33.0
229 20.0 15.8 23.6

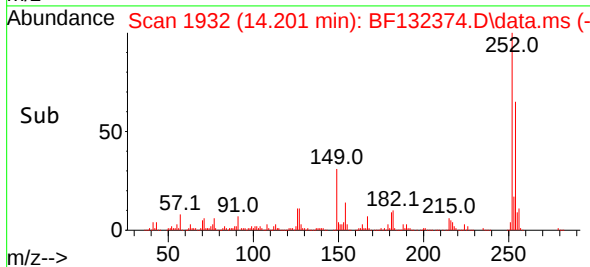
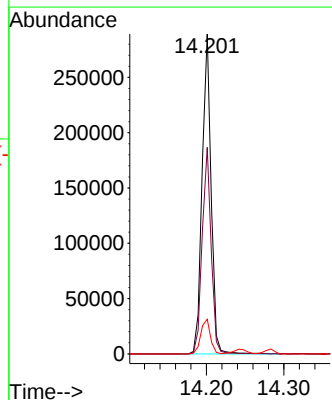
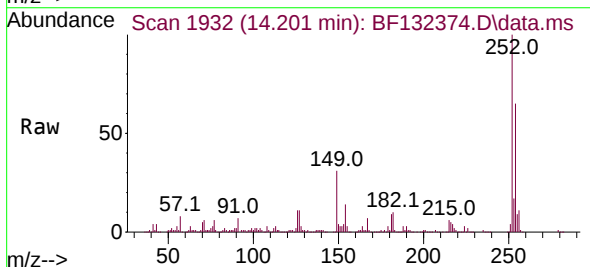
Manual Integrations
APPROVED

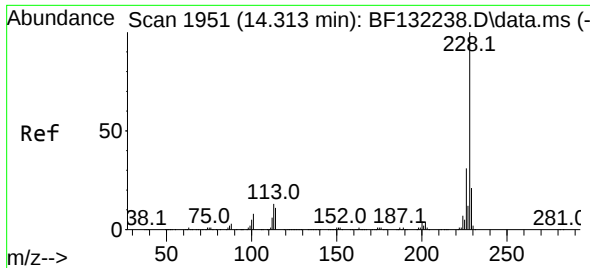
Reviewed By :Christian Giraldo 02/10/2023
Supervised By :Jagrut Upadhyay 02/10/2023



#82
3,3'-Dichlorobenzidine
Concen: 30.998 ng
RT: 14.201 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

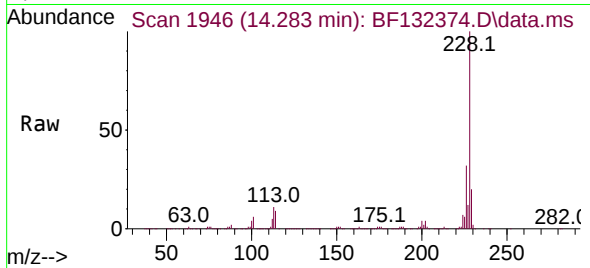
Tgt Ion:252 Resp: 233395
Ion Ratio Lower Upper
252 100
254 64.5 51.6 77.4
126 10.8 10.5 15.7





#83
Chrysene
Concen: 44.440 ng
RT: 14.283 min Scan# 1951
Delta R.T. 0.000 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21

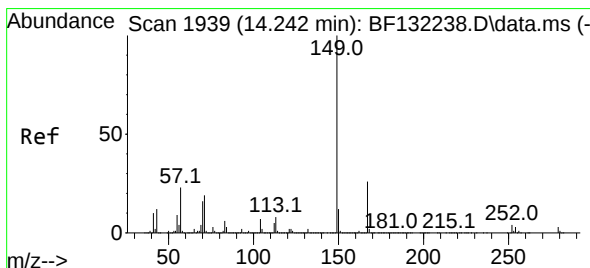
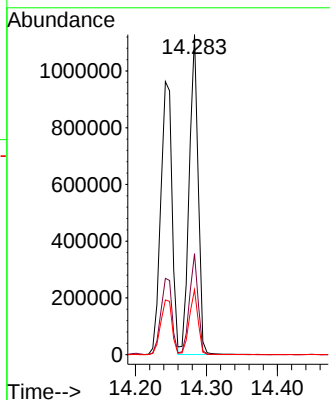
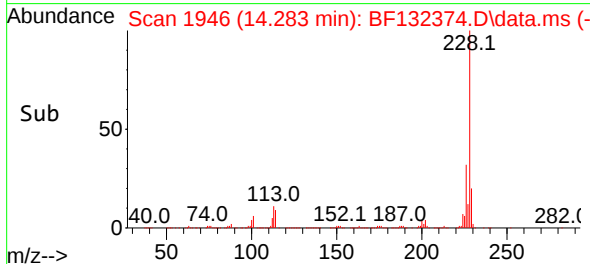
Instrument :
BNA_F
ClientSampleId :
PB150738BS



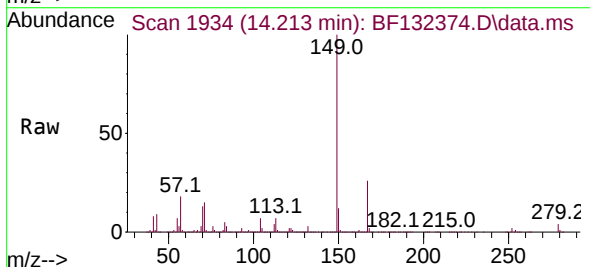
Tgt Ion:228 Resp: 983720
Ion Ratio Lower Upper
228 100
226 31.5 24.9 37.3
229 20.3 16.4 24.6

Manual Integrations
APPROVED

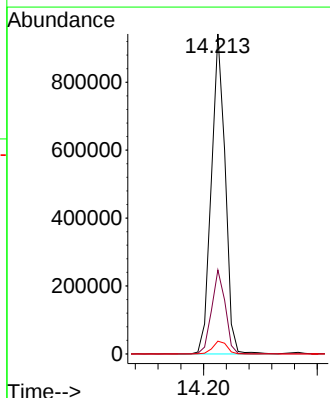
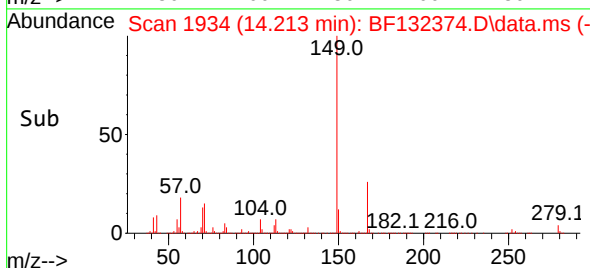
Reviewed By :Christian Giraldo 02/10/2023
Supervised By :Jagrut Upadhyay 02/10/2023

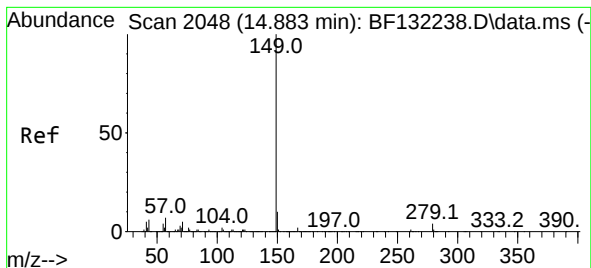


#84
Bis(2-ethylhexyl)phthalate
Concen: 49.017 ng
RT: 14.213 min Scan# 1934
Delta R.T. 0.000 min
Lab File: BF132374.D
Acq: 09 Feb 2023 11:21



Tgt Ion:149 Resp: 795763
Ion Ratio Lower Upper
149 100
167 26.2 20.7 31.1
279 4.0 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 44.808 ng

RT: 14.842 min Scan# 2041

Delta R.T. 0.000 min

Lab File: BF132374.D

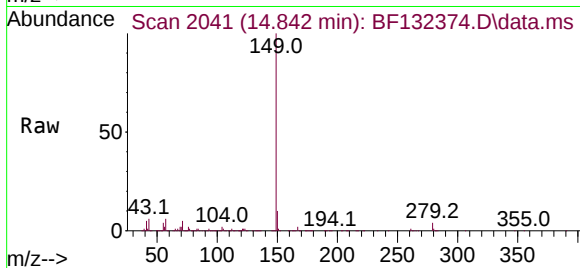
Acq: 09 Feb 2023 11:21

Instrument :

BNA_F

ClientSampleId :

PB150738BS



Tgt Ion:149 Resp: 1186482

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

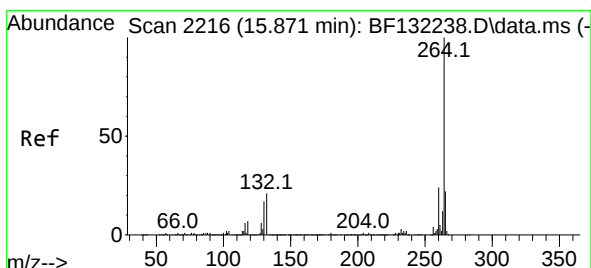
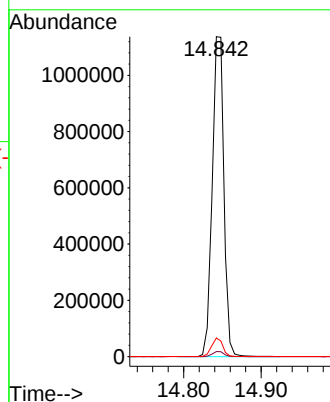
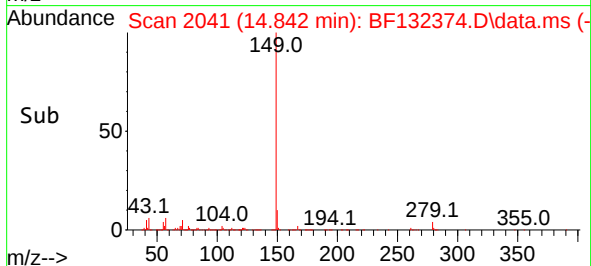
43 5.5 5.9 8.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/10/2023

Supervised By :Jagrut Upadhyay 02/10/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.824 min Scan# 2208

Delta R.T. 0.000 min

Lab File: BF132374.D

Acq: 09 Feb 2023 11:21

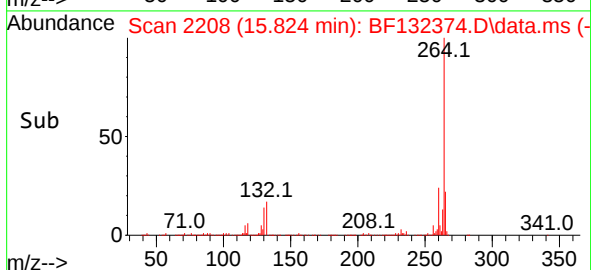
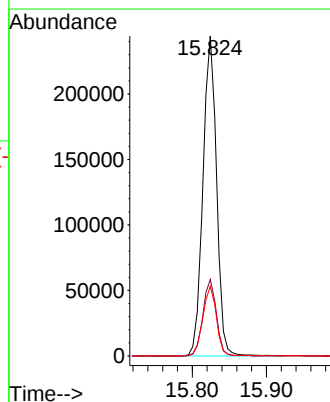
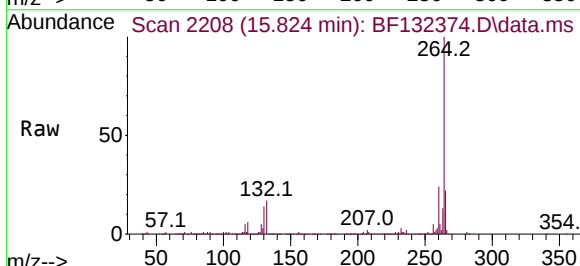
Tgt Ion:264 Resp: 311271

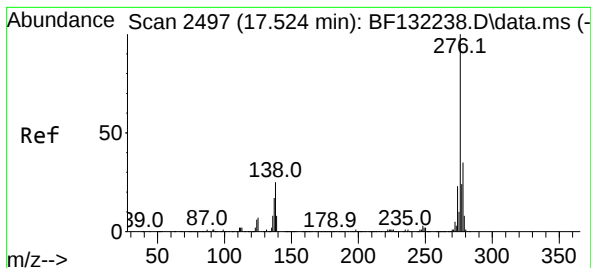
Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.4

265 21.7 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.638 ng

RT: 17.459 min Scan# 2497

Delta R.T. 0.006 min

Lab File: BF132374.D

Acq: 09 Feb 2023 11:21

Instrument :

BNA_F

ClientSampleId :

PB150738BS

Tgt Ion:276 Resp: 106802

Ion Ratio Lower Upper

276 100

138 24.8 23.3 34.9

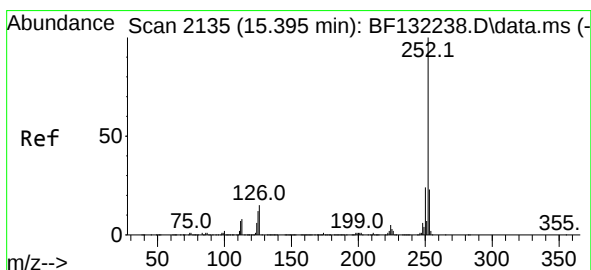
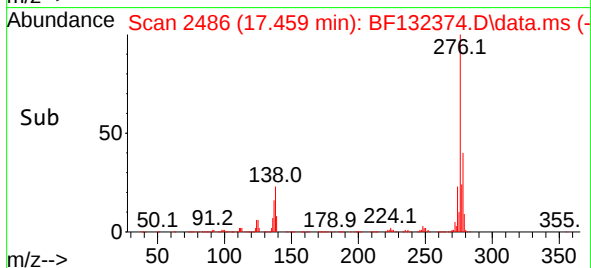
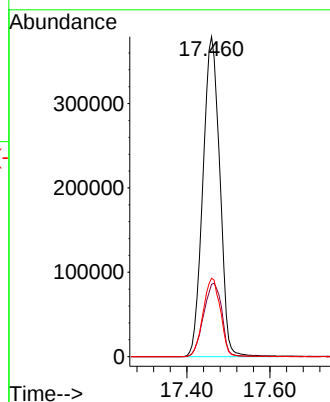
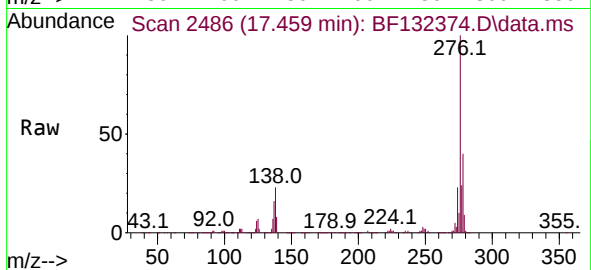
277 25.2 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/10/2023

Supervised By :Jagrut Upadhyay 02/10/2023



#88

Benzo(b)fluoranthene

Concen: 50.400 ng

RT: 15.354 min Scan# 2128

Delta R.T. 0.000 min

Lab File: BF132374.D

Acq: 09 Feb 2023 11:21

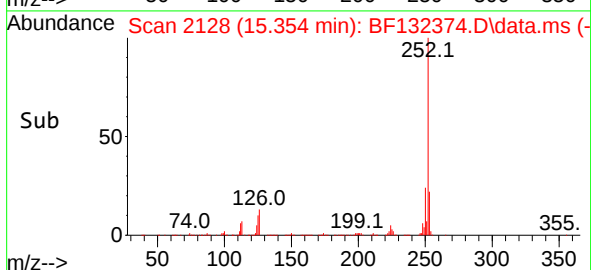
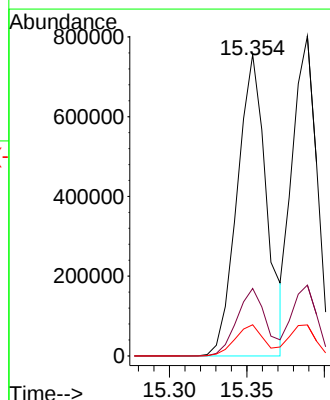
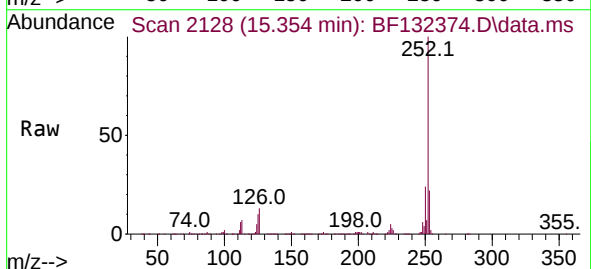
Tgt Ion:252 Resp: 997206

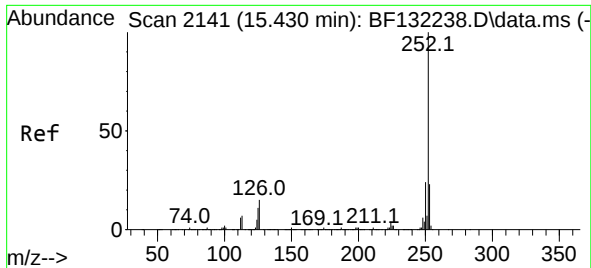
Ion Ratio Lower Upper

252 100

253 22.4 18.1 27.1

125 10.3 9.6 14.4





#89

Benzo(k)fluoranthene

Concen: 47.209 ng

RT: 15.389 min Scan# 2119

Delta R.T. 0.000 min

Lab File: BF132374.D

Acq: 09 Feb 2023 11:21

Instrument :

BNA_F

ClientSampleId :

PB150738BS

Tgt Ion:252 Resp: 891598

Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.2

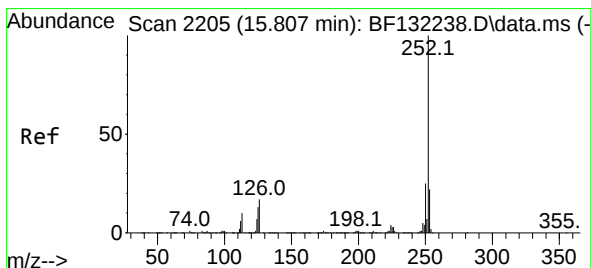
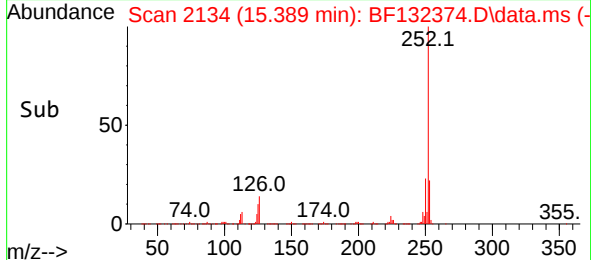
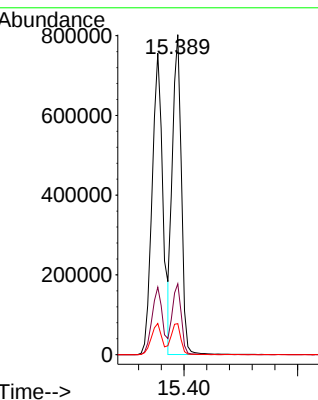
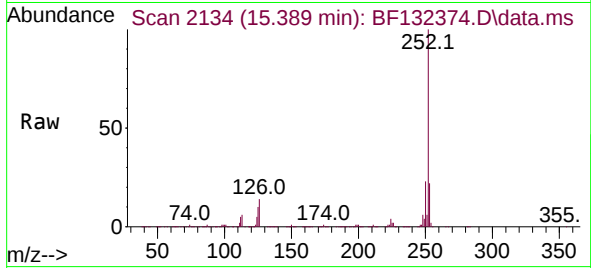
125 9.7 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/10/2023

Supervised By :Jagrut Upadhyay 02/10/2023



#90

Benzo(a)pyrene

Concen: 44.799 ng

RT: 15.760 min Scan# 2197

Delta R.T. 0.000 min

Lab File: BF132374.D

Acq: 09 Feb 2023 11:21

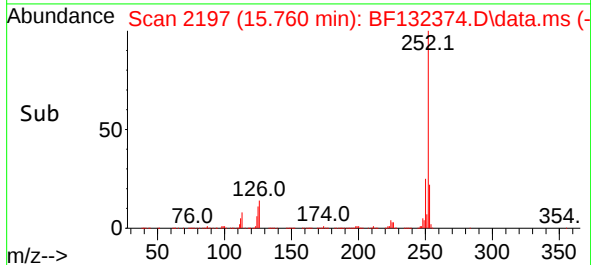
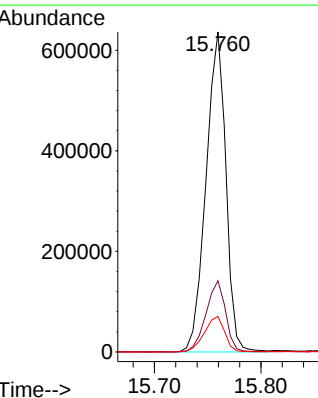
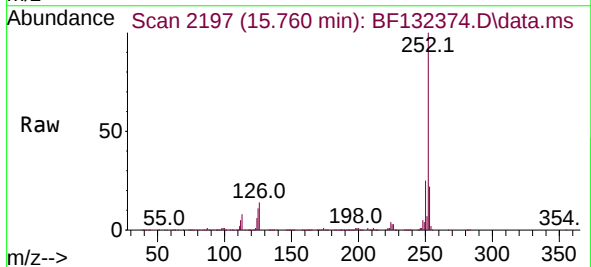
Tgt Ion:252 Resp: 825394

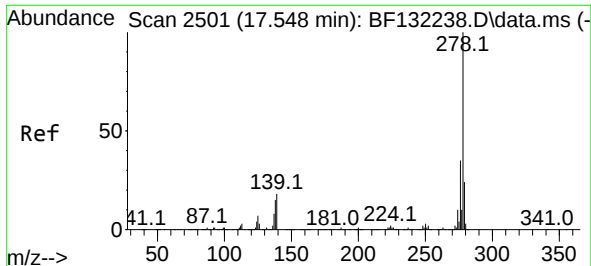
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 11.1 10.2 15.4





#91

Dibenzo(a,h)anthracene

Concen: 52.790 ng

RT: 17.477 min Scan# 24

Delta R.T. 0.006 min

Lab File: BF132374.D

Acq: 09 Feb 2023 11:21

Instrument :

BNA_F

ClientSampleId :

PB150738BS

Tgt Ion:278 Resp: 87783

Ion Ratio Lower Upper

278 100

139 16.6 14.2 21.2

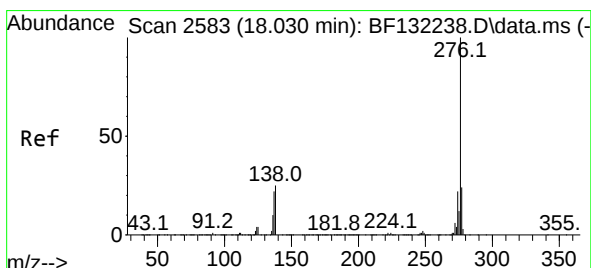
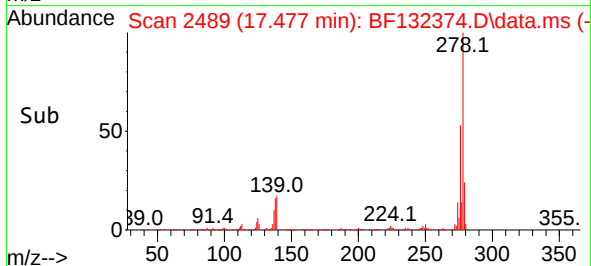
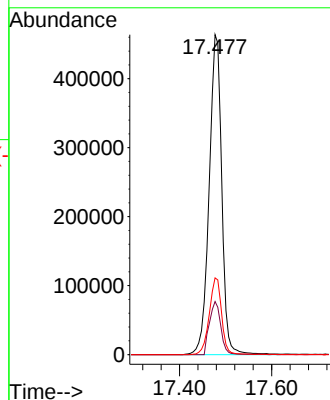
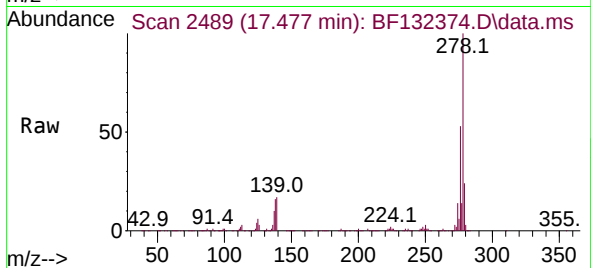
279 24.0 19.6 29.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/10/2023

Supervised By :Jagrut Upadhyay 02/10/2023



#92

Benzo(g,h,i)perylene

Concen: 51.766 ng

RT: 17.959 min Scan# 2571

Delta R.T. 0.006 min

Lab File: BF132374.D

Acq: 09 Feb 2023 11:21

Tgt Ion:276 Resp: 889300

Ion Ratio Lower Upper

276 100

277 23.9 19.4 29.2

138 21.9 20.3 30.5

