

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022023\
 Data File : BF132474.D
 Acq On : 20 Feb 2023 11:56
 Operator : CG\JU
 Sample : PB150910BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150910BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/21/2023
 Supervised By : Jagrut Upadhyay 02/21/2023

Quant Time: Feb 21 00:32:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 20 13:34:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.025	152	254309	20.000	ng	0.00
21) Naphthalene-d8	8.313	136	1003745	20.000	ng	0.00
39) Acenaphthene-d10	10.078	164	560953	20.000	ng	0.00
64) Phenanthrene-d10	11.578	188	1055789	20.000	ng	0.00
76) Chrysene-d12	14.236	240	689266	20.000	ng	0.00
86) Perylene-d12	15.795	264	530956	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.660	112	1787105	112.603	ng	0.02
7) Phenol-d6	6.654	99	2375778	114.641	ng	0.00
23) Nitrobenzene-d5	7.595	82	1553566	74.369	ng	0.00
42) 2,4,6-Tribromophenol	10.878	330	621712	111.082	ng	0.00
45) 2-Fluorobiphenyl	9.395	172	2341791	64.469	ng	0.00
79) Terphenyl-d14	13.166	244	2856611	75.478	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.996	88	291060	33.901	ng	99
3) Pyridine	3.743	79	705094	30.255	ng	97
4) n-Nitrosodimethylamine	3.707	42	367757	39.967	ng	96
6) Aniline	6.690	93	764579	26.483	ng	97
8) 2-Chlorophenol	6.813	128	735152	45.373	ng	95
10) Phenol	6.672	94	925672m	42.149	ng	
11) bis(2-Chloroethyl)ether	6.760	93	827834	44.438	ng	99
12) 1,3-Dichlorobenzene	6.966	146	742838	42.087	ng	99
13) 1,4-Dichlorobenzene	7.043	146	745791	42.358	ng	99
14) 1,2-Dichlorobenzene	7.195	146	717349	44.470	ng	97
15) Benzyl Alcohol	7.166	79	685047	44.690	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.295	45	1066955	41.192	ng	97
17) 2-Methylphenol	7.278	107	628380	40.741	ng	98
18) Hexachloroethane	7.543	117	297708	44.781	ng	98
19) n-Nitroso-di-n-propyla...	7.443	70	517970	40.770	ng	96
20) 3+4-Methylphenols	7.431	107	722695	37.950	ng	# 67
22) Acetophenone	7.437	105	969093	37.253	ng	98
24) Nitrobenzene	7.613	77	872376	38.089	ng	99
25) Isophorone	7.848	82	1575965	38.393	ng	100
26) 2-Nitrophenol	7.925	139	394672	44.328	ng	99
27) 2,4-Dimethylphenol	7.960	122	659394m	41.019	ng	
28) bis(2-Chloroethoxy)met...	8.054	93	931009	38.811	ng	99
29) 2,4-Dichlorophenol	8.172	162	613909	40.481	ng	98
30) 1,2,4-Trichlorobenzene	8.254	180	659032	39.074	ng	98
31) Naphthalene	8.337	128	1904284	36.557	ng	99
32) Benzoic acid	8.095	122	510811	44.598	ng	96
33) 4-Chloroaniline	8.378	127	245553	11.346	ng	97
34) Hexachlorobutadiene	8.448	225	420068	39.450	ng	99
35) Caprolactam	8.760	113	226036m	45.911	ng	
36) 4-Chloro-3-methylphenol	8.866	107	698610	41.170	ng	99
37) 2-Methylnaphthalene	9.031	142	1269116	36.201	ng	99
38) 1-Methylnaphthalene	9.131	142	1210197	36.744	ng	100
40) 1,2,4,5-Tetrachloroben...	9.195	216	665889	36.635	ng	99
41) Hexachlorocyclopentadiene	9.178	237	714185	71.538	ng	99
43) 2,4,6-Trichlorophenol	9.307	196	464031	38.754	ng	99
44) 2,4,5-Trichlorophenol	9.354	196	501089	35.930	ng	98

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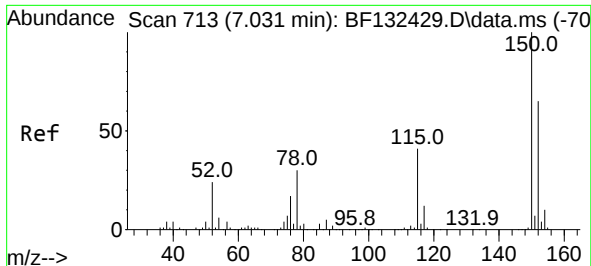
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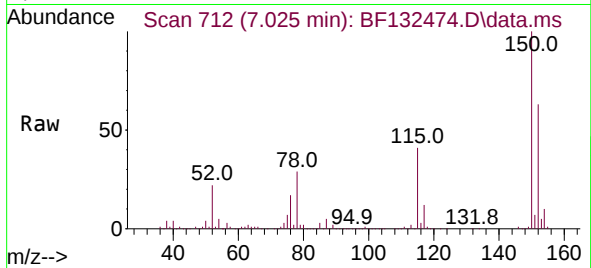
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.495	154	1542294	35.523	ng	98
47) 2-Chloronaphthalene	9.525	162	1243354	36.486	ng	99
48) 2-Nitroaniline	9.619	65	457609	38.273	ng	94
49) Acenaphthylene	9.942	152	1909524	35.268	ng	99
50) Dimethylphthalate	9.795	163	1509117	36.532	ng	99
51) 2,6-Dinitrotoluene	9.860	165	352170	39.201	ng	93
52) Acenaphthene	10.113	154	1395625m	41.420	ng	
53) 3-Nitroaniline	10.031	138	256423	24.861	ng	100
54) 2,4-Dinitrophenol	10.142	184	451373	80.856	ng	98
55) Dibenzofuran	10.289	168	1768210	35.369	ng	99
56) 4-Nitrophenol	10.195	139	573512	76.641	ng	98
57) 2,4-Dinitrotoluene	10.266	165	472912	39.990	ng	98
58) Fluorene	10.631	166	1365152	36.119	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.401	232	409185	38.821	ng	98
60) Diethylphthalate	10.495	149	1473043	36.275	ng	99
61) 4-Chlorophenyl-phenyle...	10.619	204	701051	35.419	ng	98
62) 4-Nitroaniline	10.654	138	369075	38.347	ng	98
63) Azobenzene	10.778	77	1591354	35.418	ng	99
65) 4,6-Dinitro-2-methylph...	10.678	198	281774	42.927	ng	91
66) n-Nitrosodiphenylamine	10.742	169	1225105	37.806	ng	99
67) 4-Bromophenyl-phenylether	11.113	248	444766	38.436	ng	93
68) Hexachlorobenzene	11.183	284	493820	40.826	ng	95
69) Atrazine	11.260	200	163924	16.435	ng	99
70) Pentachlorophenol	11.378	266	539051	71.681	ng	99
71) Phenanthrene	11.601	178	2013321	37.025	ng	100
72) Anthracene	11.654	178	2038589	36.468	ng	98
73) Carbazole	11.807	167	1879754	37.357	ng	100
74) Di-n-butylphthalate	12.125	149	2253642	37.601	ng	99
75) Fluoranthene	12.795	202	2228262	36.744	ng	98
77) Benzidine	12.913	184	297071	20.240	ng	97
78) Pyrene	13.030	202	2248243	38.397	ng	98
80) Butylbenzylphthalate	13.636	149	930073	42.568	ng	97
81) Benzo(a)anthracene	14.224	228	1867161	36.986	ng	99
82) 3,3'-Dichlorobenzidine	14.177	252	450713	33.426	ng	99
83) Chrysene	14.260	228	1691905	35.078	ng	100
84) Bis(2-ethylhexyl)phtha...	14.189	149	1131925	40.020	ng #	98
85) Di-n-octyl phthalate	14.819	149	1700111	41.396	ng	99
87) Indeno(1,2,3-cd)pyrene	17.412	276	1594299	46.973	ng	99
88) Benzo(b)fluoranthene	15.324	252	1566860	44.875	ng	99
89) Benzo(k)fluoranthene	15.360	252	1434828	41.064	ng	99
90) Benzo(a)pyrene	15.730	252	1313203	40.470	ng	99
91) Dibenzo(a,h)anthracene	17.436	278	1340403	47.949	ng	99
92) Benzo(g,h,i)perylene	17.912	276	1394155	48.562	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.025 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF132474.D
Acq: 20 Feb 2023 11:56

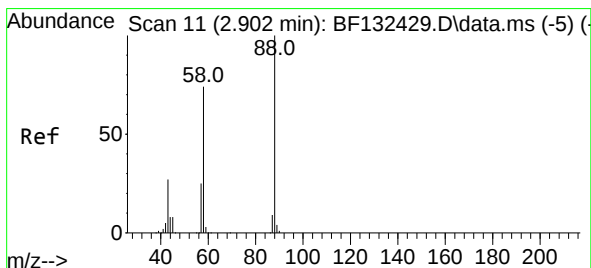
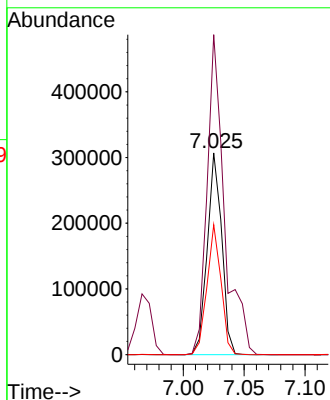
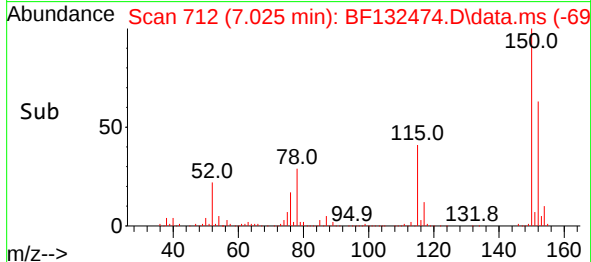
Instrument :
BNA_F
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PB150910BS



Tgt Ion:152 Resp: 254309
Ion Ratio Lower Upper
152 100
150 158.7 123.8 185.8
115 64.4 50.4 75.6

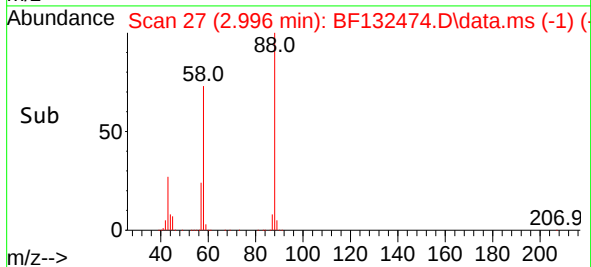
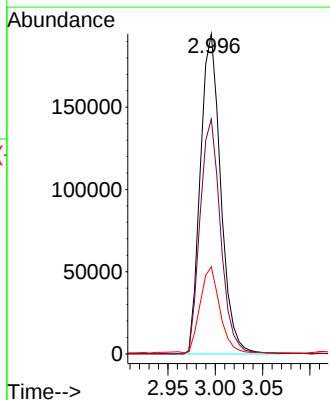
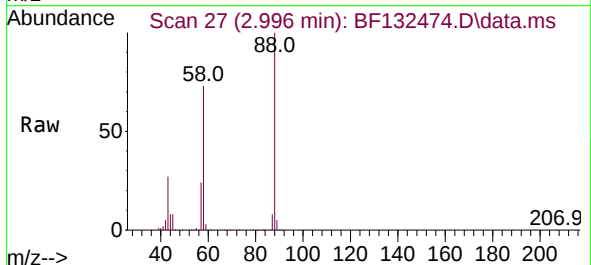
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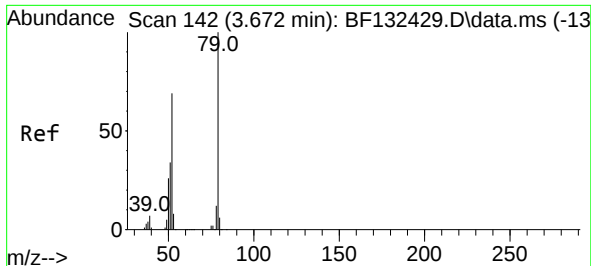
Reviewed By :Christian Giraldo 02/21/2023
Supervised By :Jagrut Upadhyay 02/21/2023



#2
1,4-Dioxane
Concen: 33.901 ng
RT: 2.996 min Scan# 27
Delta R.T. 0.094 min
Lab File: BF132474.D
Acq: 20 Feb 2023 11:56

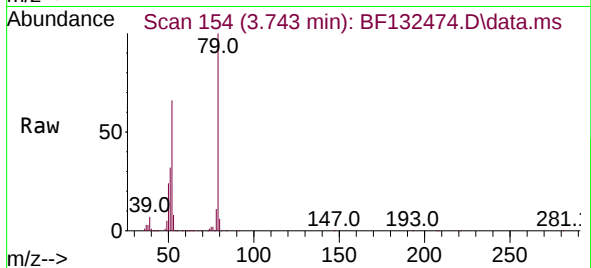
Tgt Ion: 88 Resp: 291060
Ion Ratio Lower Upper
88 100
58 74.1 60.1 90.1
43 26.1 21.5 32.3





#3
Pyridine
Concen: 30.255 ng
RT: 3.743 min Scan# 142
Delta R.T. 0.071 min
Lab File: BF132474.D
Acq: 20 Feb 2023 11:56

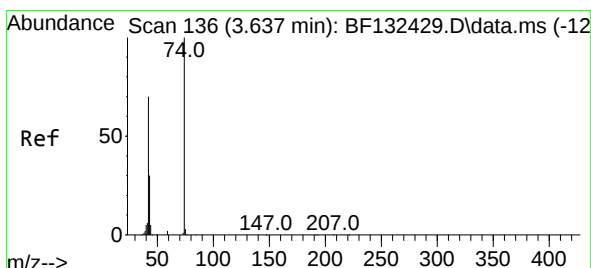
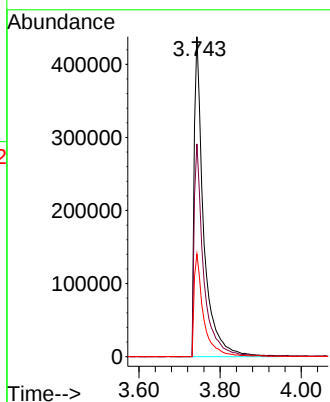
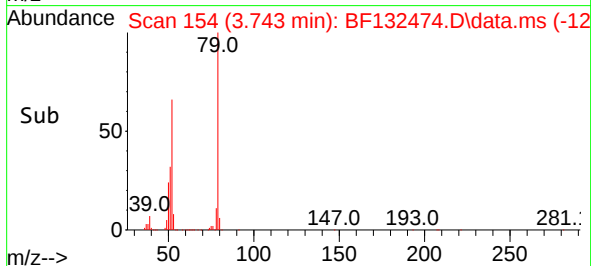
Instrument :
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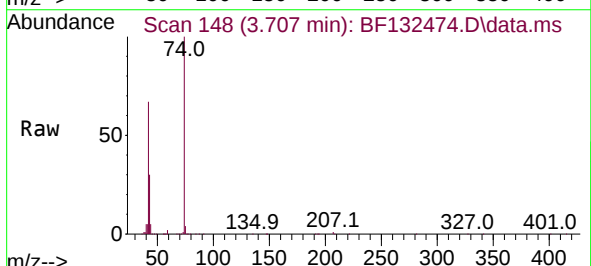
Tgt Ion: 79 Resp: 705094
Ion Ratio Lower Upper
79 100
52 66.5 55.0 82.6
51 32.1 27.0 40.6

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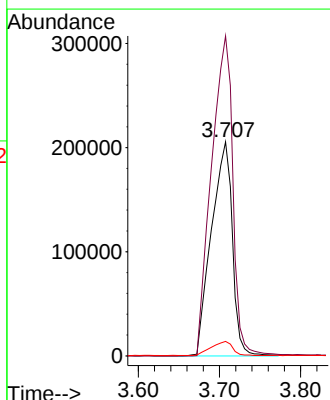
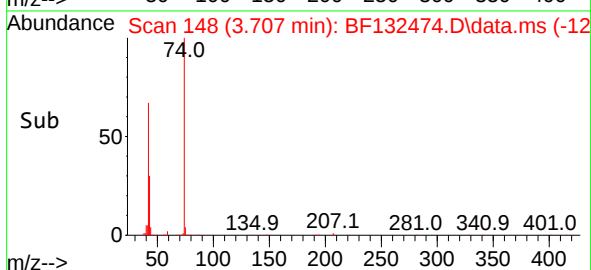
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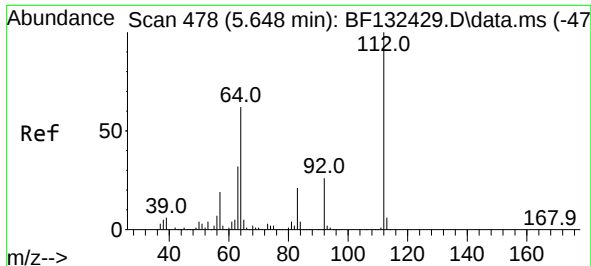


#4
n-Nitrosodimethylamine
Concen: 39.967 ng
RT: 3.707 min Scan# 148
Delta R.T. 0.065 min
Lab File: BF132474.D
Acq: 20 Feb 2023 11:56



Tgt Ion: 42 Resp: 367757
Ion Ratio Lower Upper
42 100
74 149.5 115.1 172.7
44 6.8 5.7 8.5





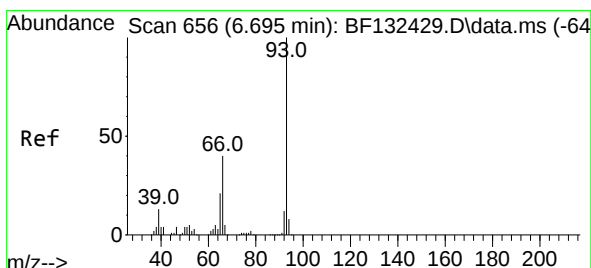
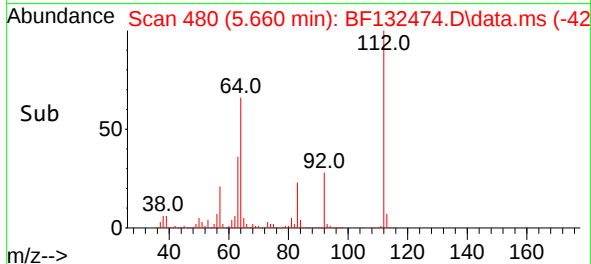
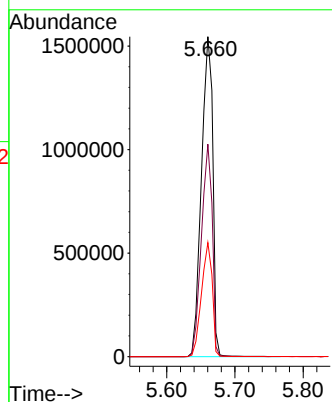
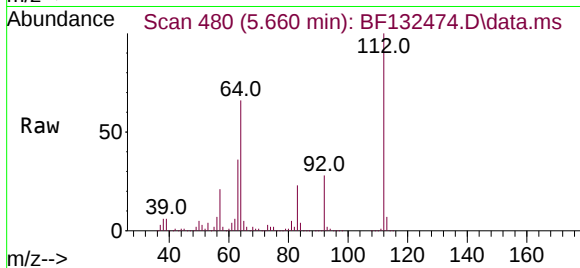
#5
2-Fluorophenol
Concen: 112.603 ng
RT: 5.660 min Scan# 480
Delta R.T. 0.018 min
Lab File: BF132474.D
Acq: 20 Feb 2023 11:56

Instrument :
BNA_F
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PB150910BS

Tgt Ion:112 Resp: 1787105
Ion Ratio Lower Upper
112 100
64 66.4 49.7 74.5
63 35.6 25.8 38.8

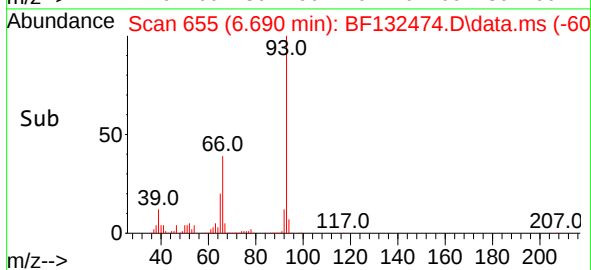
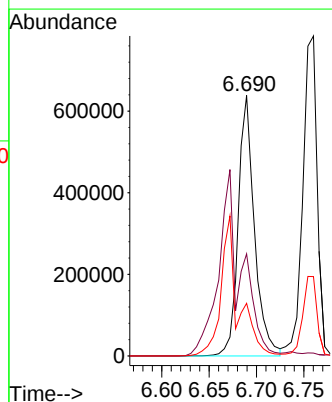
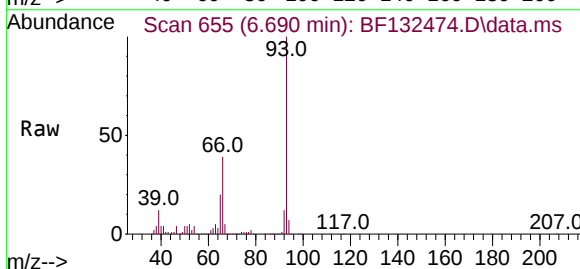
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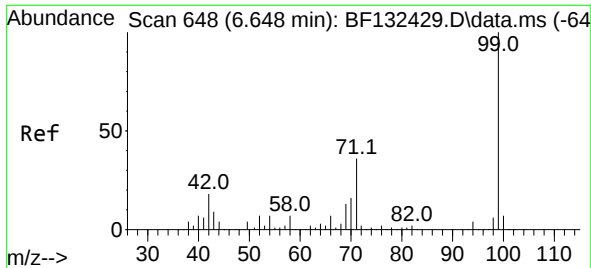
Reviewed By :Christian Giraldo 02/21/2023
Supervised By :Jagrut Upadhyay 02/21/2023



#6
Aniline
Concen: 26.483 ng
RT: 6.690 min Scan# 655
Delta R.T. 0.000 min
Lab File: BF132474.D
Acq: 20 Feb 2023 11:56

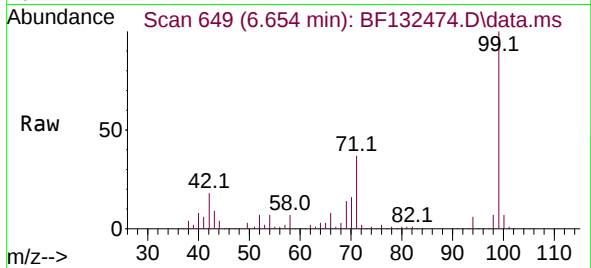
Tgt Ion: 93 Resp: 764579
Ion Ratio Lower Upper
93 100
66 39.2 32.7 49.1
65 20.2 17.1 25.7





#7
Phenol-d6
Concen: 114.641 ng
RT: 6.654 min Scan# 648
Delta R.T. 0.006 min
Lab File: BF132474.D
Acq: 20 Feb 2023 11:56

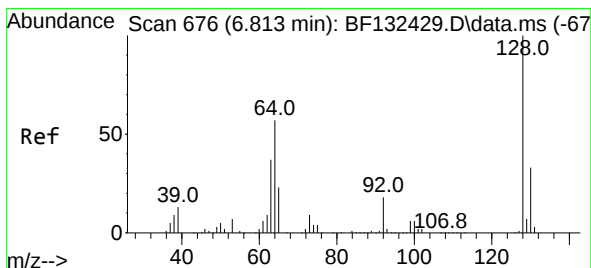
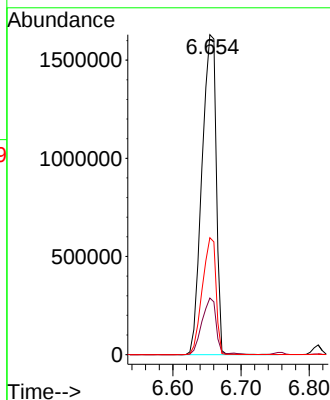
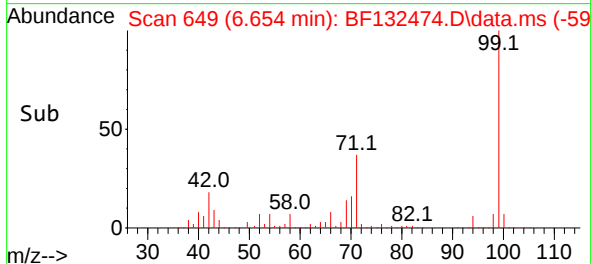
Instrument :
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PB150910BS



Tgt Ion: 99 Resp: 2375778
Ion Ratio Lower Upper
99 100
42 17.7 14.6 21.8
71 36.5 28.7 43.1

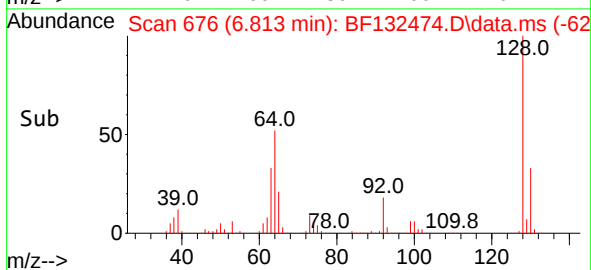
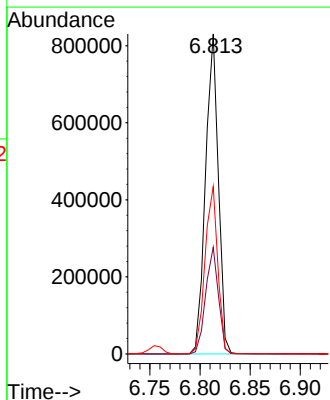
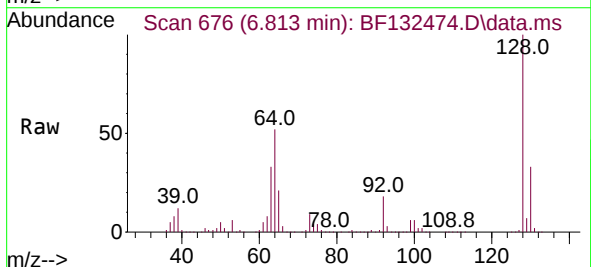
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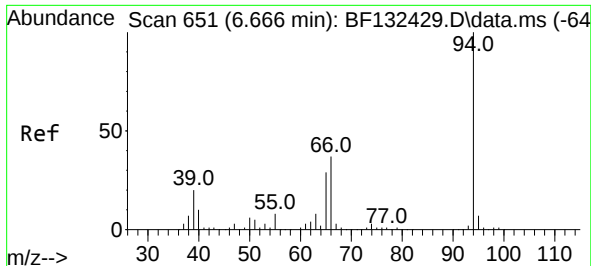
Reviewed By :Christian Giraldo 02/21/2023
Supervised By :Jagrut Upadhyay 02/21/2023



#8
2-Chlorophenol
Concen: 45.373 ng
RT: 6.813 min Scan# 676
Delta R.T. 0.000 min
Lab File: BF132474.D
Acq: 20 Feb 2023 11:56

Tgt Ion:128 Resp: 735152
Ion Ratio Lower Upper
128 100
130 33.3 13.0 53.0
64 52.3 37.9 77.9





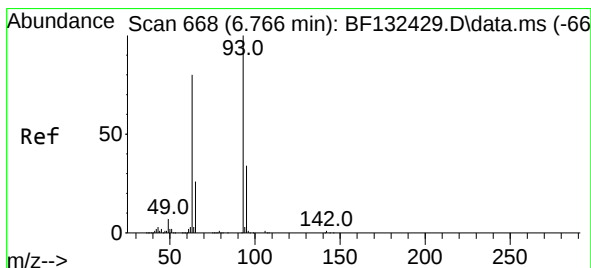
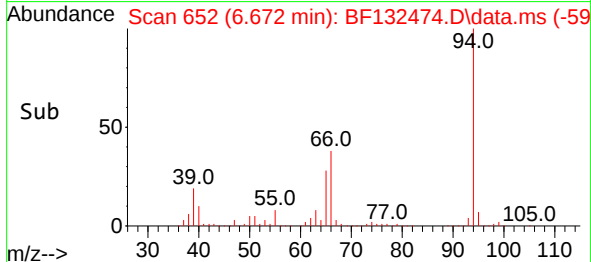
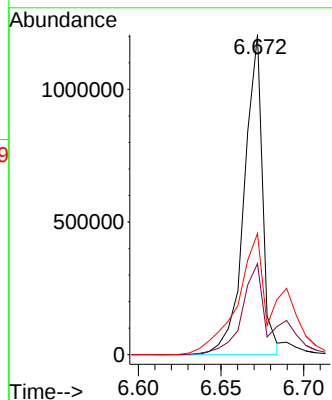
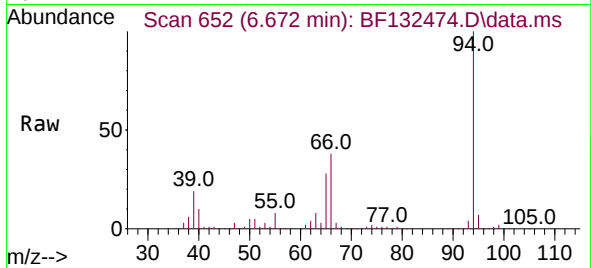
#10
Phenol
Concen: 42.149 ng m
RT: 6.672 min Scan# 651
Delta R.T. 0.012 min
Lab File: BF132474.D
Acq: 20 Feb 2023 11:56

Instrument :
BNA_F
ClientSampleId :
PB150910BS

Tgt Ion: 94 Resp: 925672
Ion Ratio Lower Upper
94 100
65 28.4 9.0 49.0
66 37.8 17.4 57.4

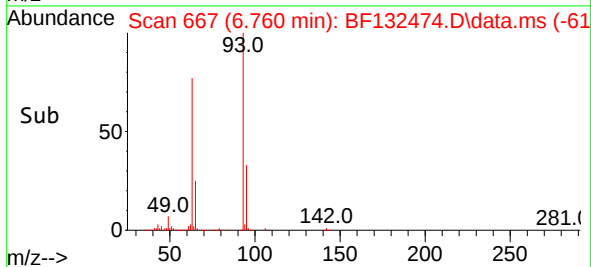
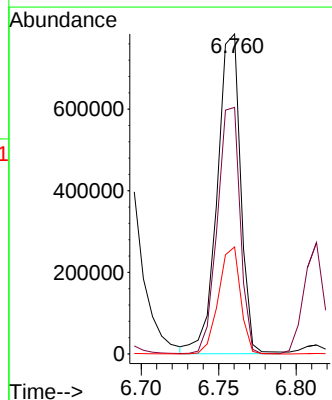
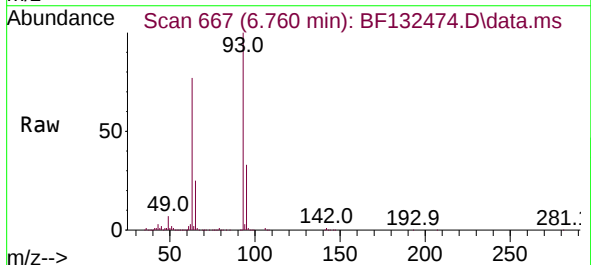
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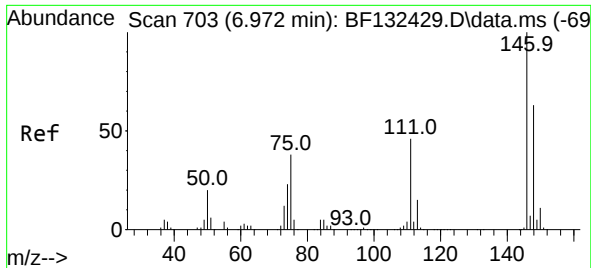
Reviewed By :Christian Giraldo 02/21/2023
Supervised By :Jagrut Upadhyay 02/21/2023



#11
bis(2-Chloroethyl)ether
Concen: 44.438 ng
RT: 6.760 min Scan# 667
Delta R.T. 0.000 min
Lab File: BF132474.D
Acq: 20 Feb 2023 11:56

Tgt Ion: 93 Resp: 827834
Ion Ratio Lower Upper
93 100
63 77.0 58.6 98.6
95 33.4 13.5 53.5





#12

1,3-Dichlorobenzene

Concen: 42.087 ng

RT: 6.966 min Scan# 703

Delta R.T. 0.000 min

Lab File: BF132474.D

Acq: 20 Feb 2023 11:56

Instrument :

BNA_F

ClientSampleId :

PB150910BS

Tgt Ion:146 Resp: 742838

Ion Ratio Lower Upper

146 100

148 63.6 50.6 75.8

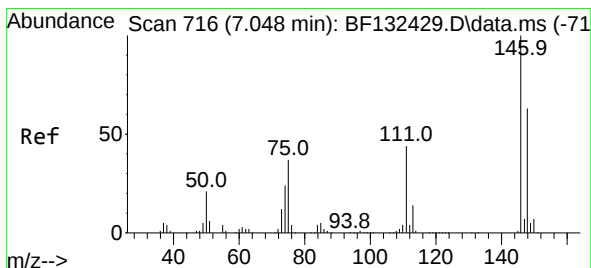
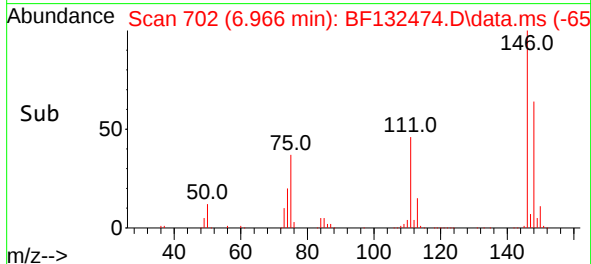
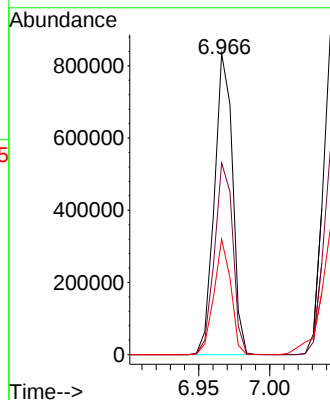
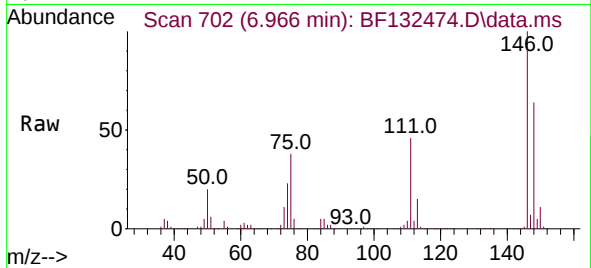
75 38.3 30.3 45.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/21/2023

Supervised By :Jagrut Upadhyay 02/21/2023



#13

1,4-Dichlorobenzene

Concen: 42.358 ng

RT: 7.043 min Scan# 715

Delta R.T. 0.000 min

Lab File: BF132474.D

Acq: 20 Feb 2023 11:56

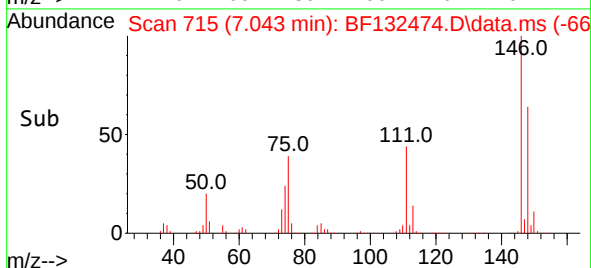
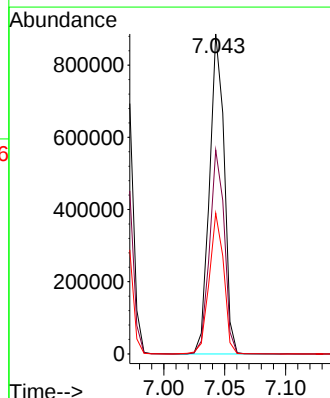
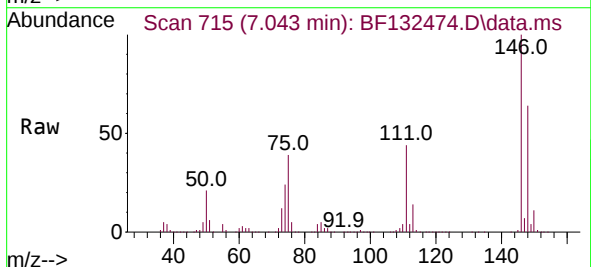
Tgt Ion:146 Resp: 745791

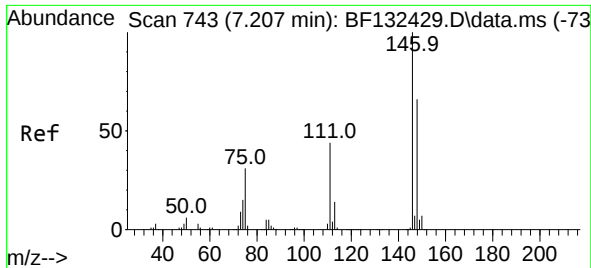
Ion Ratio Lower Upper

146 100

148 63.7 50.6 76.0

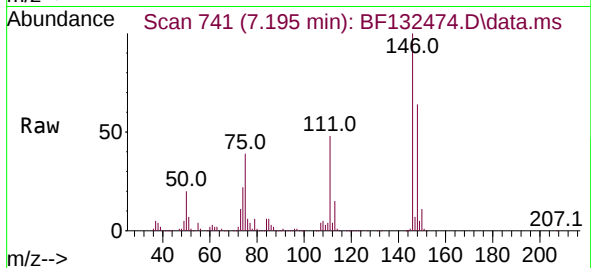
111 44.0 35.0 52.4





#14
1,2-Dichlorobenzene
Concen: 44.470 ng
RT: 7.195 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF132474.D
Acq: 20 Feb 2023 11:56

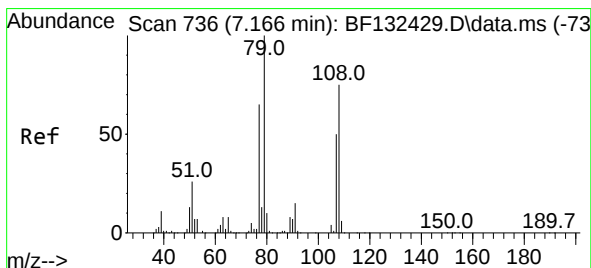
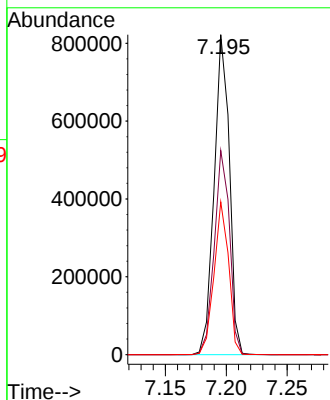
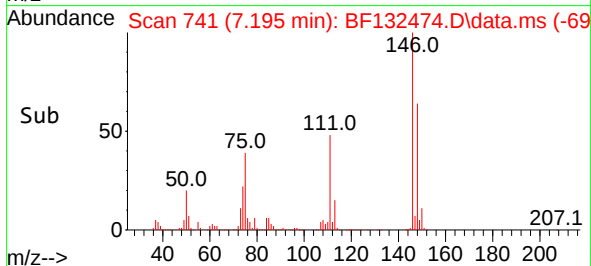
Instrument :
BNA_F
ClientSampleId :
PB150910BS



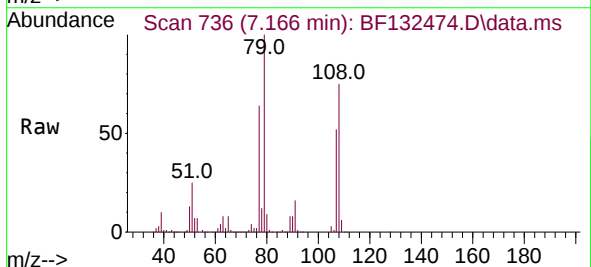
Tgt Ion:146 Resp: 717349
Ion Ratio Lower Upper
146 100
148 63.8 52.4 78.6
111 47.7 35.5 53.3

Manual Integrations
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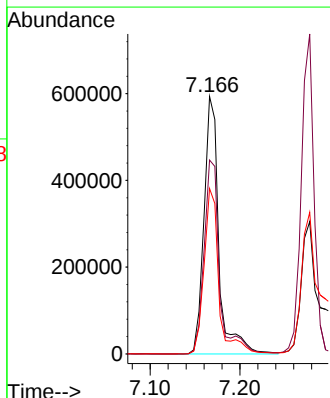
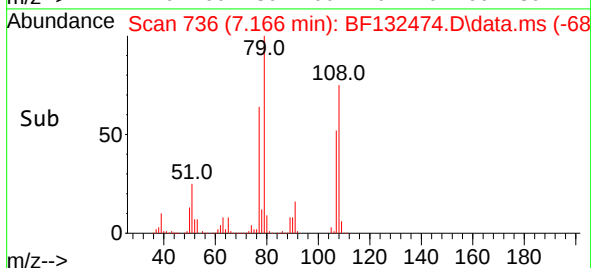
Reviewed By :Christian Giraldo 02/21/2023
Supervised By :Jagrut Upadhyay 02/21/2023

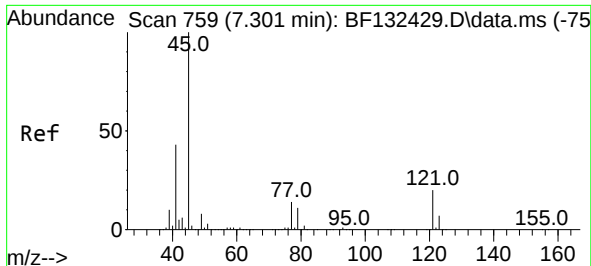


#15
Benzyl Alcohol
Concen: 44.690 ng
RT: 7.166 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF132474.D
Acq: 20 Feb 2023 11:56



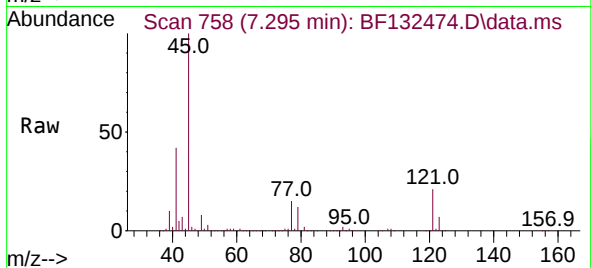
Tgt Ion: 79 Resp: 685047
Ion Ratio Lower Upper
79 100
108 75.3 59.8 89.6
77 64.2 51.8 77.6





#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.192 ng
RT: 7.295 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132474.D
Acq: 20 Feb 2023 11:56

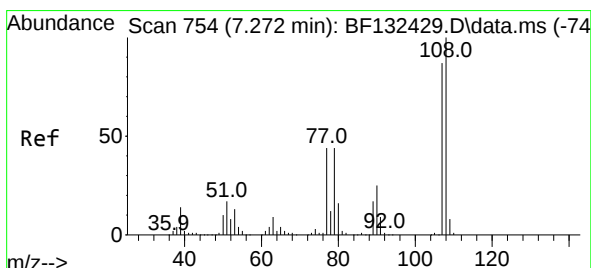
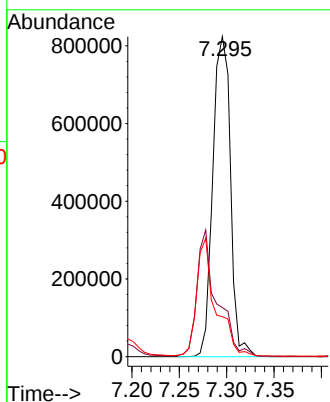
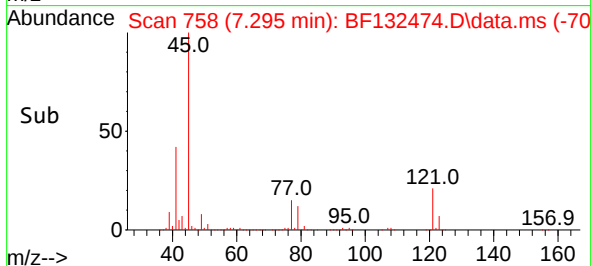
Instrument :
BNA_F
ClientSampleId :
PB150910BS



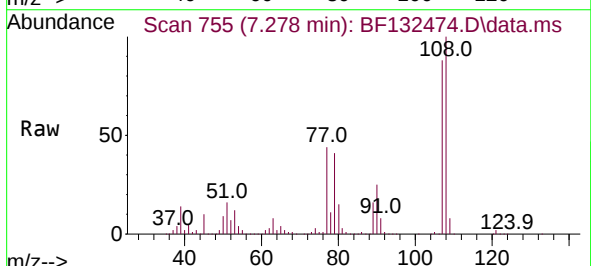
Tgt Ion: 45 Resp: 106695
Ion Ratio Lower Upper
45 100
77 15.3 0.0 34.3
79 12.5 0.0 31.3

Manual Integrations
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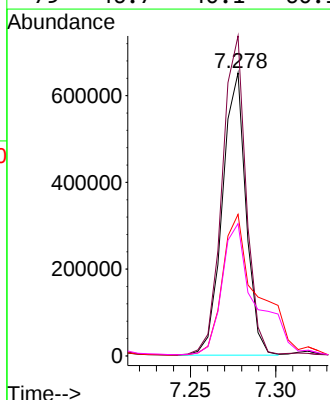
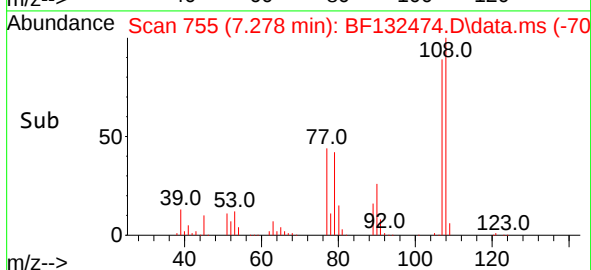
Reviewed By :Christian Giraldo 02/21/2023
Supervised By :Jagrut Upadhyay 02/21/2023

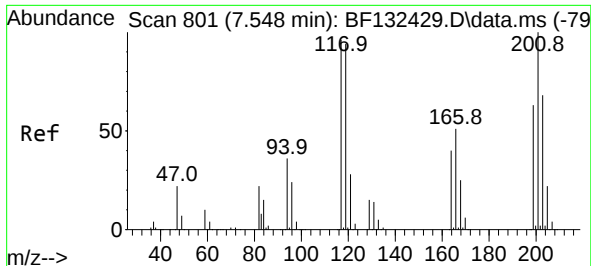


#17
2-Methylphenol
Concen: 40.741 ng
RT: 7.278 min Scan# 755
Delta R.T. 0.006 min
Lab File: BF132474.D
Acq: 20 Feb 2023 11:56



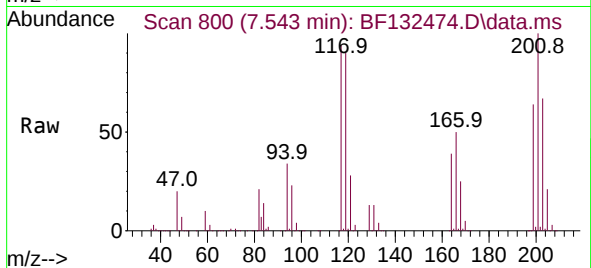
Tgt Ion:107 Resp: 628380
Ion Ratio Lower Upper
107 100
108 113.1 91.7 137.5
77 50.0 40.7 61.1
79 46.7 40.1 60.1





#18
Hexachloroethane
Concen: 44.781 ng
RT: 7.543 min Scan# 801
Delta R.T. 0.006 min
Lab File: BF132474.D
Acq: 20 Feb 2023 11:56

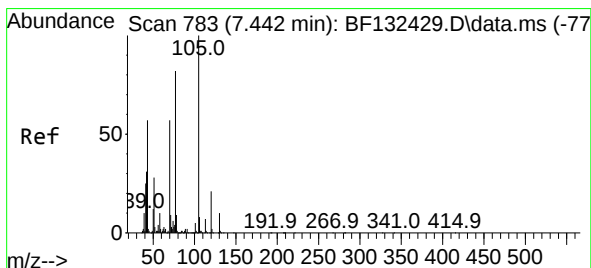
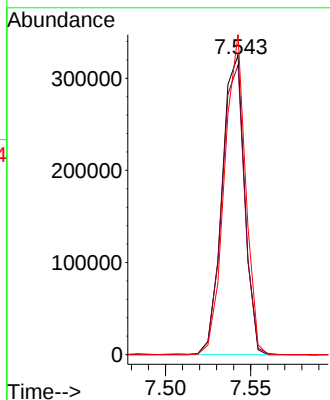
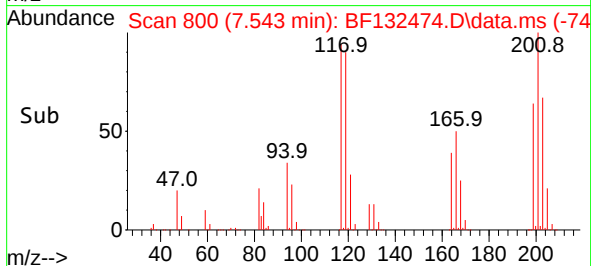
Instrument :
BNA_F
Client SampleId :
PB150910BS



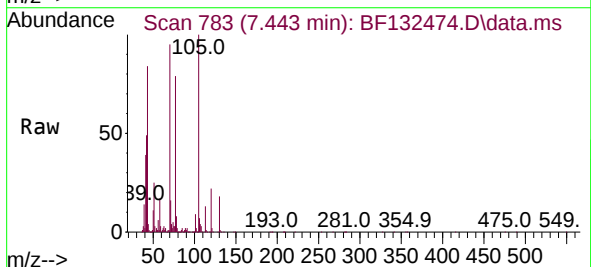
Tgt Ion: 117 Resp: 297708
Ion Ratio Lower Upper
117 100
119 96.7 78.8 118.2
201 106.9 83.5 125.3

Manual Integrations
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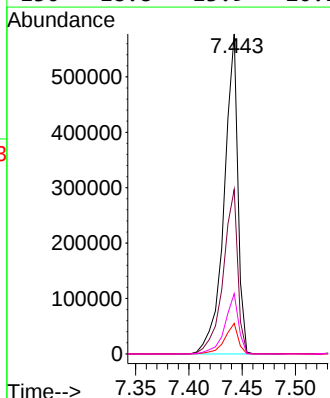
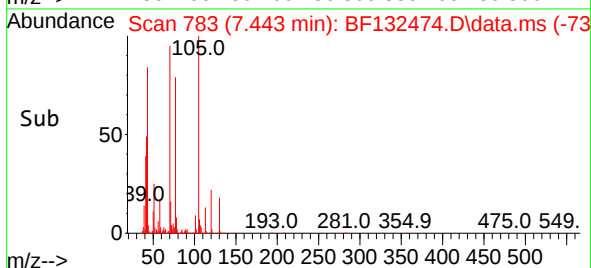
Reviewed By :Christian Giraldo 02/21/2023
Supervised By :Jagrut Upadhyay 02/21/2023

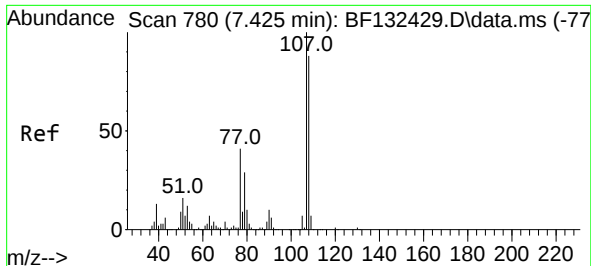


#19
n-Nitroso-di-n-propylamine
Concen: 40.770 ng
RT: 7.443 min Scan# 783
Delta R.T. 0.006 min
Lab File: BF132474.D
Acq: 20 Feb 2023 11:56



Tgt Ion: 70 Resp: 517970
Ion Ratio Lower Upper
70 100
42 51.4 43.5 65.3
101 9.5 7.3 10.9
130 18.8 13.9 20.9





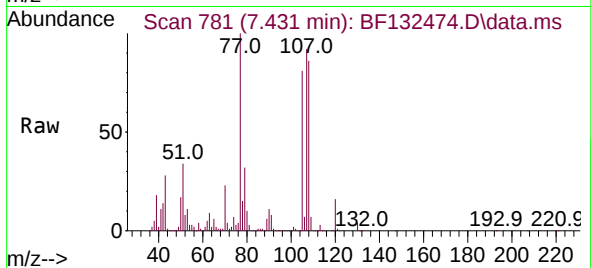
#20
3+4-Methylphenols
Concen: 37.950 ng
RT: 7.431 min Scan# 780
Delta R.T. 0.006 min
Lab File: BF132474.D
Acq: 20 Feb 2023 11:56

Instrument :

BNA_F

ClientSampleId :

PB150910BS

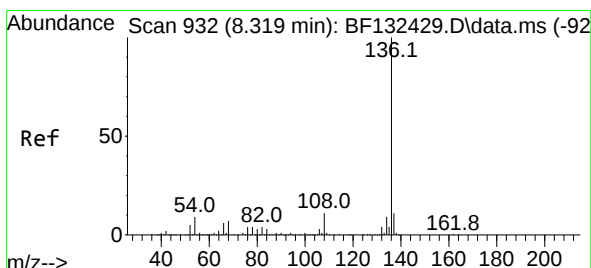
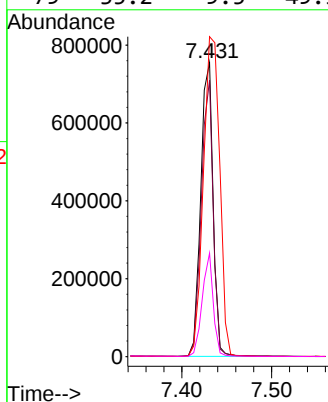
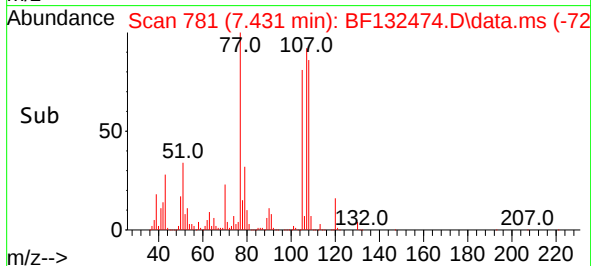


Tgt Ion:107 Resp: 722695
Ion Ratio Lower Upper
107 100
108 94.1 68.1 108.1
77 108.8 21.3 61.3
79 35.2 9.5 49.5

Manual Integrations

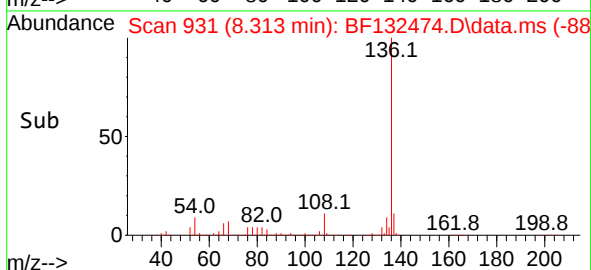
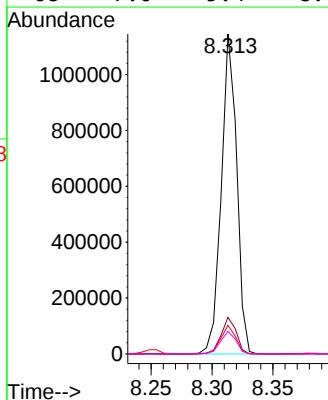
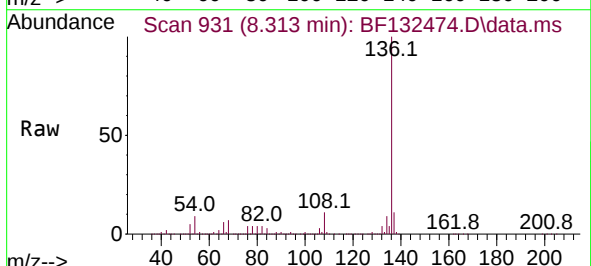
APPROVED

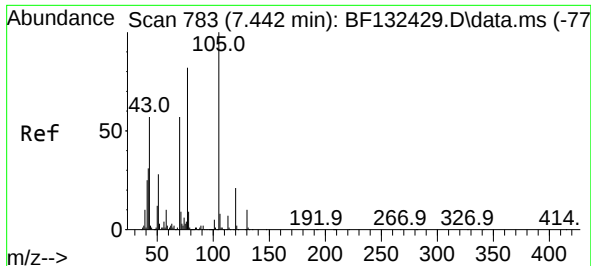
Reviewed By :Christian Giraldo 02/21/2023
Supervised By :Jagrut Upadhyay 02/21/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.313 min Scan# 931
Delta R.T. 0.000 min
Lab File: BF132474.D
Acq: 20 Feb 2023 11:56

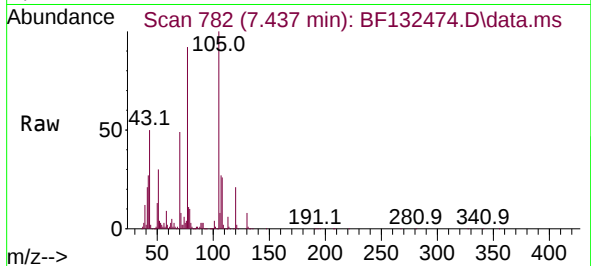
Tgt Ion:136 Resp: 1003745
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 8.9 6.9 10.3
68 7.0 5.4 8.0





#22
Acetophenone
Concen: 37.253 ng
RT: 7.437 min Scan# 782
Delta R.T. 0.000 min
Lab File: BF132474.D
Acq: 20 Feb 2023 11:56

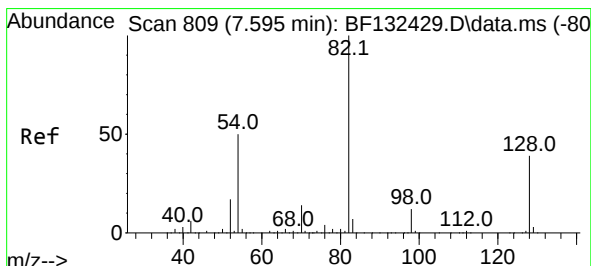
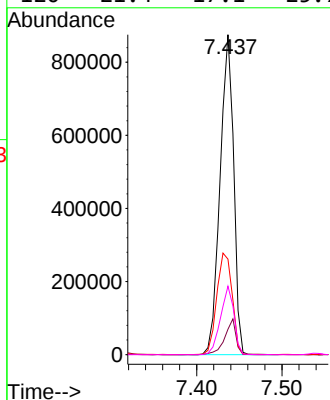
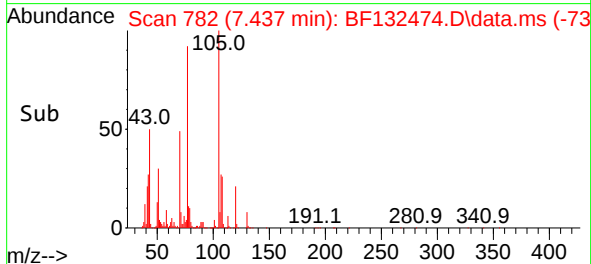
Instrument :
BNA_F
ClientSampleId :
PB150910BS



Tgt Ion: 105 Resp: 969093
Ion Ratio Lower Upper
105 100
71 8.0 7.3 10.9
51 29.8 22.2 33.2
120 21.4 17.1 25.7

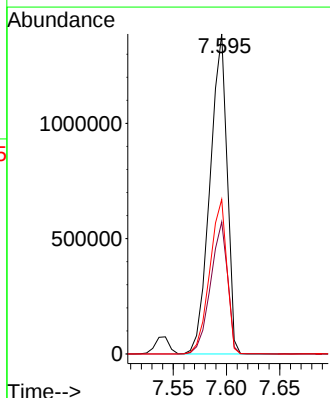
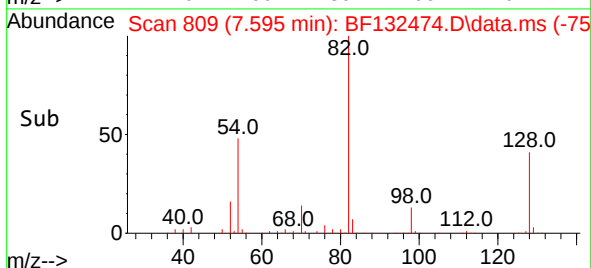
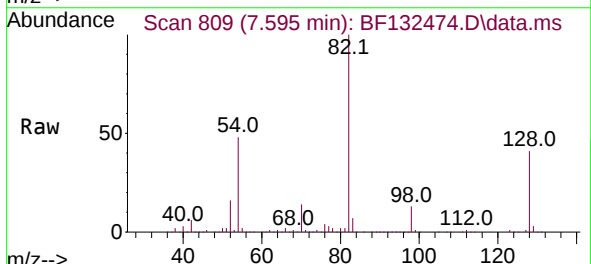
Manual Integrations
APPROVED

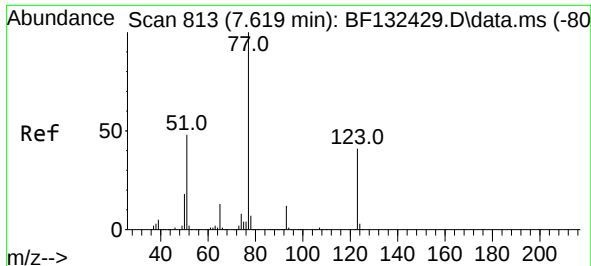
Reviewed By : Christian Giraldo 02/21/2023
Supervised By : Jagrut Upadhyay 02/21/2023



#23
Nitrobenzene-d5
Concen: 74.369 ng
RT: 7.595 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF132474.D
Acq: 20 Feb 2023 11:56

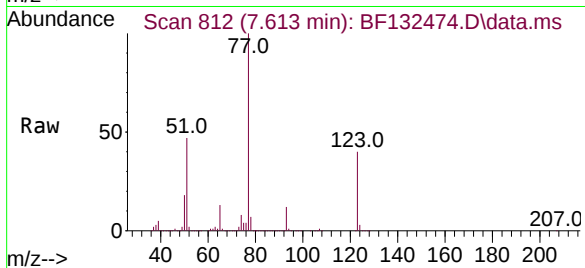
Tgt Ion: 82 Resp: 1553566
Ion Ratio Lower Upper
82 100
128 41.2 30.8 46.2
54 48.3 40.2 60.4





#24
Nitrobenzene
Concen: 38.089 ng
RT: 7.613 min Scan# 813
Delta R.T. 0.000 min
Lab File: BF132474.D
Acq: 20 Feb 2023 11:56

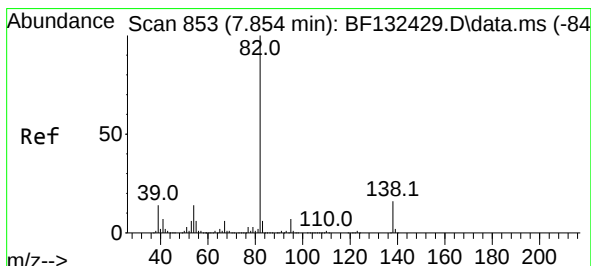
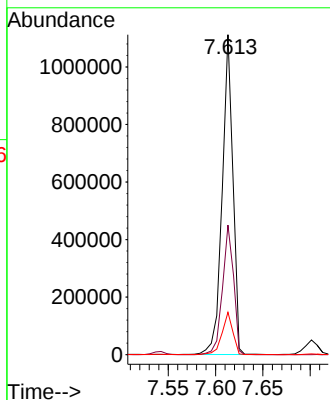
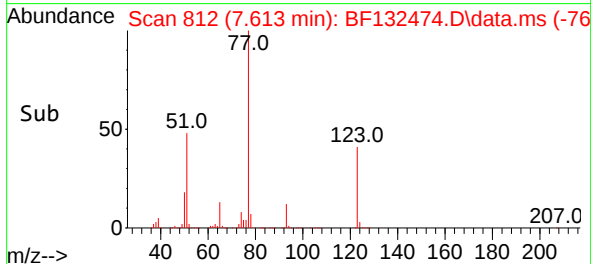
Instrument :
BNA_F
Client SampleId :
PB150910BS



Tgt Ion: 77 Resp: 872376
Ion Ratio Lower Upper
77 100
123 40.5 33.2 49.8
65 13.2 10.4 15.6

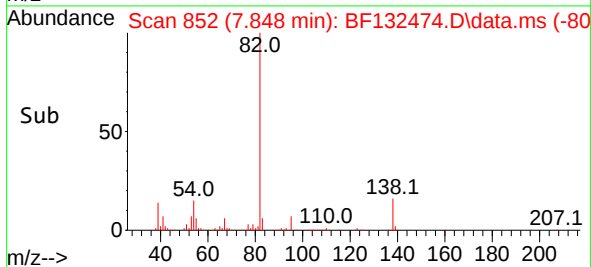
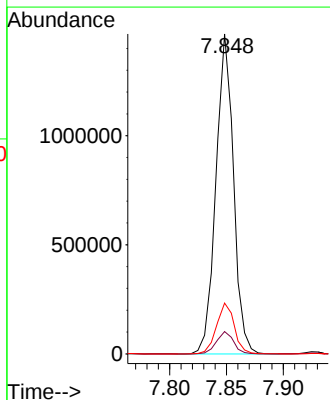
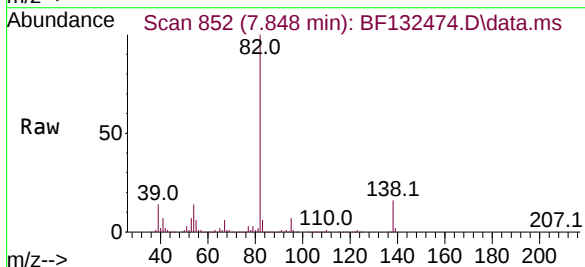
Manual Integrations
APPROVED

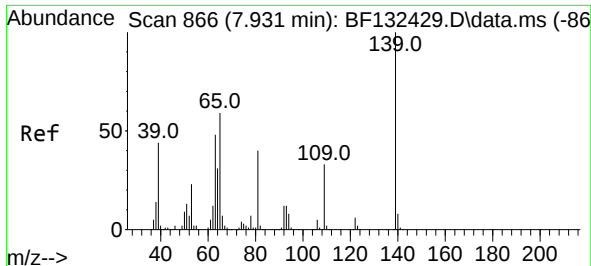
Reviewed By :Christian Giraldo 02/21/2023
Supervised By :Jagrut Upadhyay 02/21/2023



#25
Isophorone
Concen: 38.393 ng
RT: 7.848 min Scan# 852
Delta R.T. 0.000 min
Lab File: BF132474.D
Acq: 20 Feb 2023 11:56

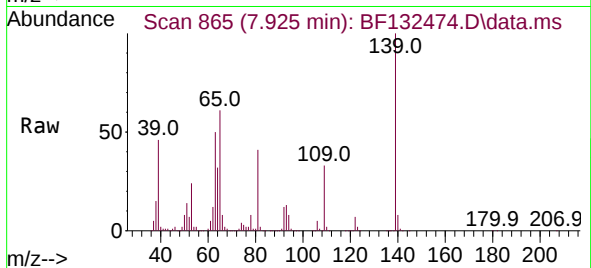
Tgt Ion: 82 Resp: 1575965
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 15.9 12.7 19.1





#26
2-Nitrophenol
Concen: 44.328 ng
RT: 7.925 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF132474.D
Acq: 20 Feb 2023 11:56

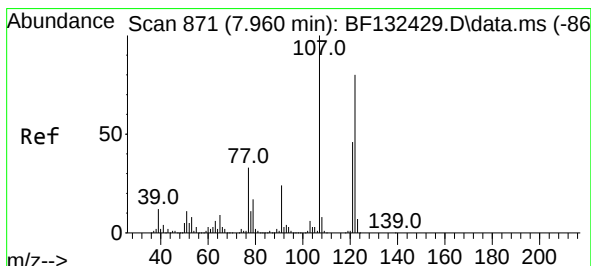
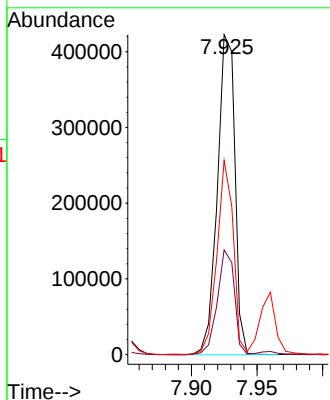
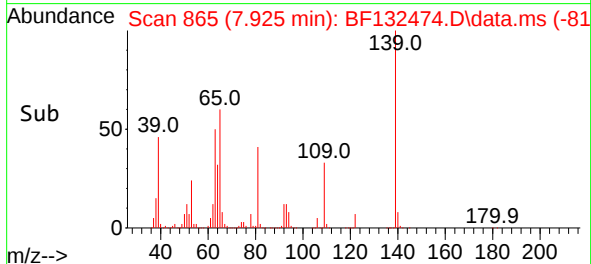
Instrument :
BNA_F
ClientSampleId :
PB150910BS



Tgt Ion:139 Resp: 394672
Ion Ratio Lower Upper
139 100
109 32.7 26.3 39.5
65 60.7 47.4 71.0

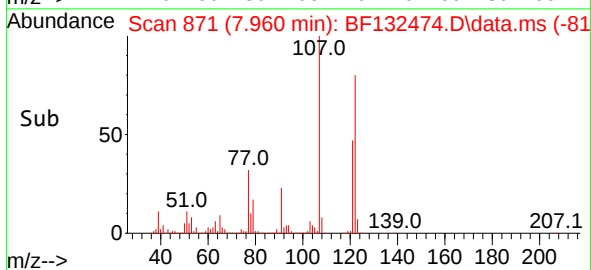
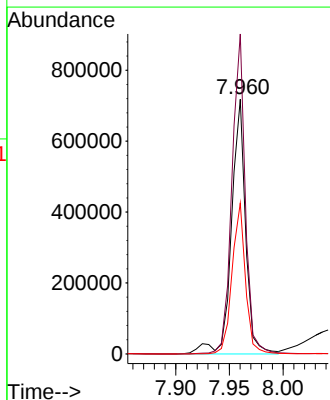
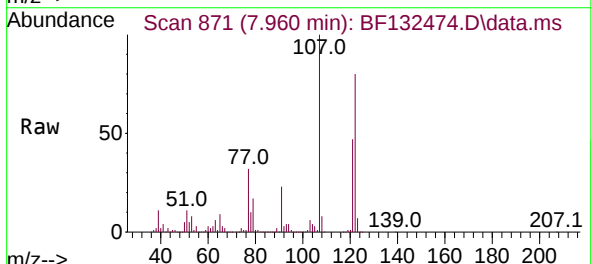
Manual Integrations
APPROVED

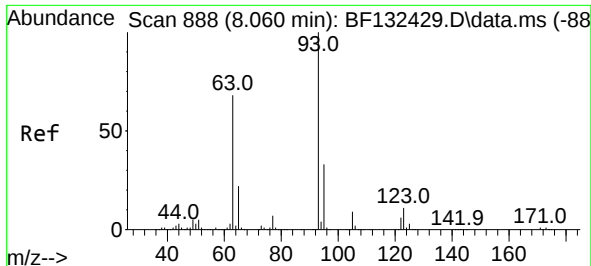
Reviewed By :Christian Giraldo 02/21/2023
Supervised By :Jagrut Upadhyay 02/21/2023



#27
2,4-Dimethylphenol
Concen: 41.019 ng m
RT: 7.960 min Scan# 871
Delta R.T. 0.006 min
Lab File: BF132474.D
Acq: 20 Feb 2023 11:56

Tgt Ion:122 Resp: 659394
Ion Ratio Lower Upper
122 100
107 125.7 99.9 149.9
121 59.2 45.9 68.9





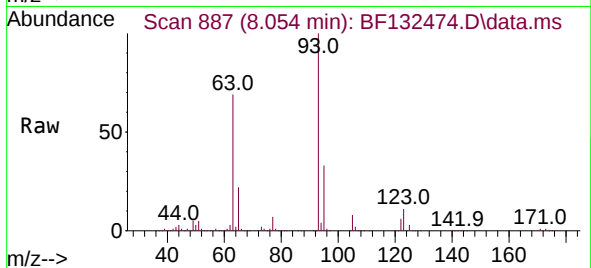
#28
bis(2-Chloroethoxy)methane
Concen: 38.811 ng
RT: 8.054 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF132474.D
Acq: 20 Feb 2023 11:56

Instrument :

BNA_F

ClientSampleId :

PB150910BS

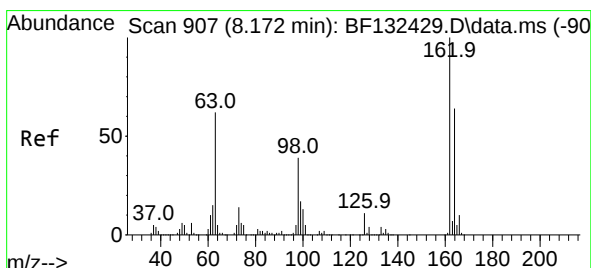
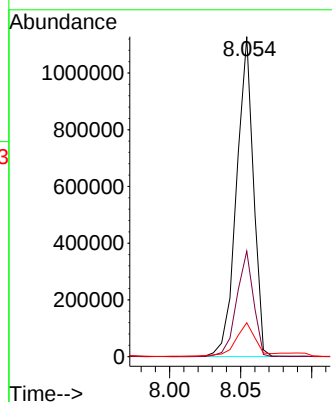
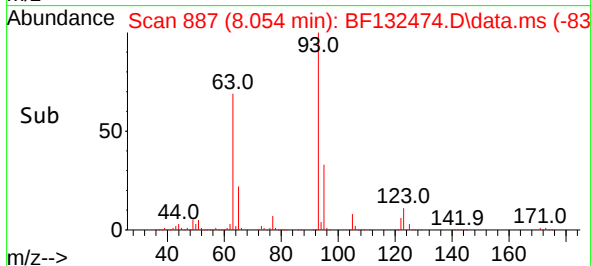


Tgt Ion: 93 Resp: 931009
Ion Ratio Lower Upper
93 100
95 33.0 26.5 39.7
123 10.6 9.0 13.4

Manual Integrations

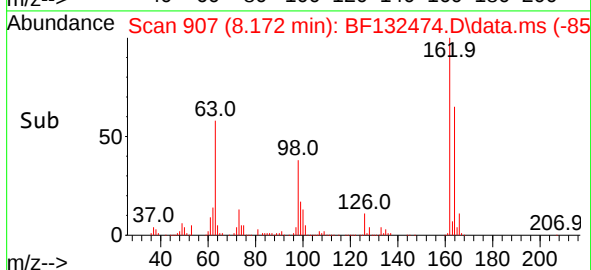
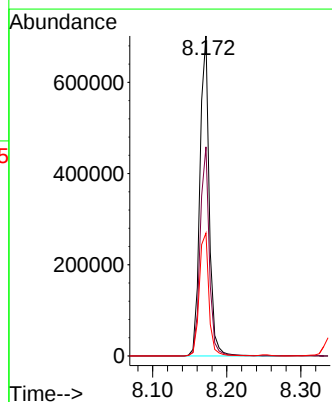
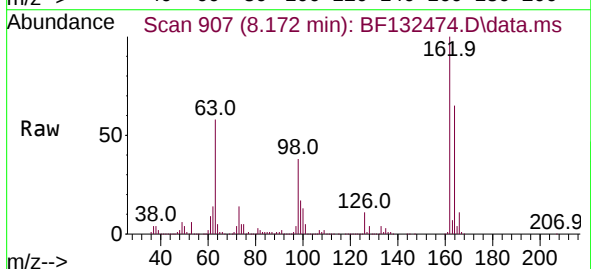
APPROVED

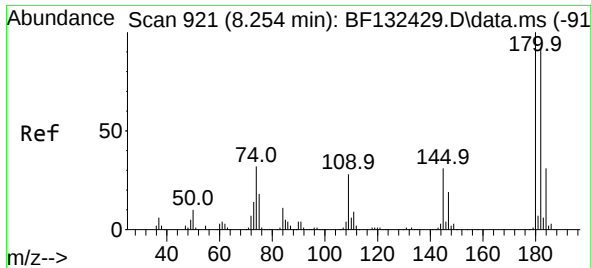
Reviewed By :Christian Giraldo 02/21/2023
Supervised By :Jagrut Upadhyay 02/21/2023



#29
2,4-Dichlorophenol
Concen: 40.481 ng
RT: 8.172 min Scan# 907
Delta R.T. 0.006 min
Lab File: BF132474.D
Acq: 20 Feb 2023 11:56

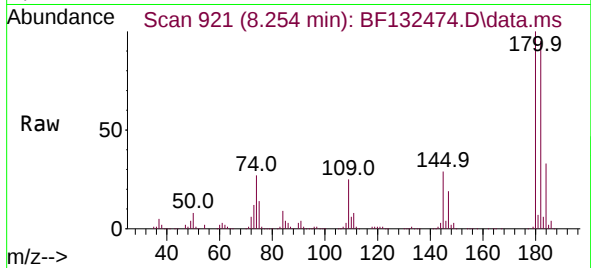
Tgt Ion:162 Resp: 613909
Ion Ratio Lower Upper
162 100
164 65.3 44.0 84.0
98 38.4 19.3 59.3





#30
1,2,4-Trichlorobenzene
Concen: 39.074 ng
RT: 8.254 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF132474.D
Acq: 20 Feb 2023 11:56

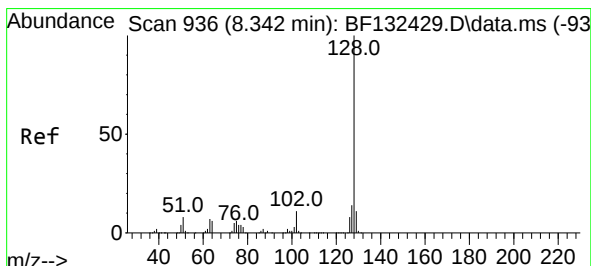
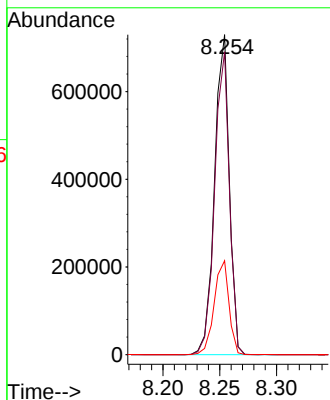
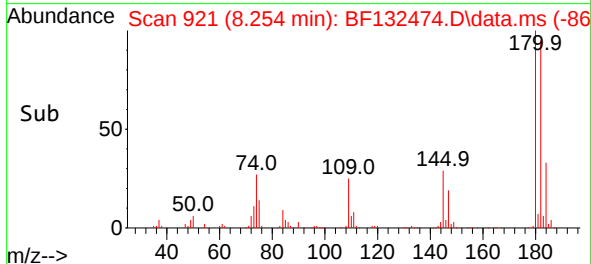
Instrument :
BNA_F
ClientSampleId :
PB150910BS



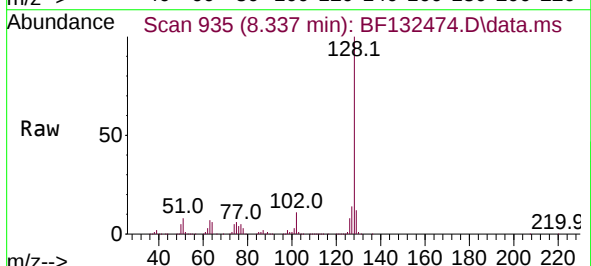
Tgt Ion:180 Resp: 659032
Ion Ratio Lower Upper
180 100
182 94.6 73.8 110.8
145 29.3 24.4 36.6

Manual Integrations
APPROVED

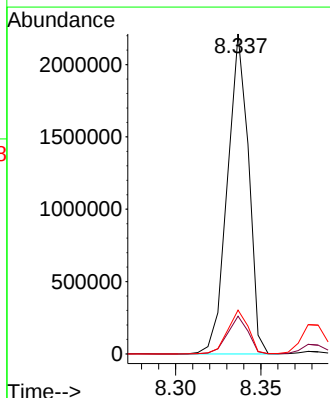
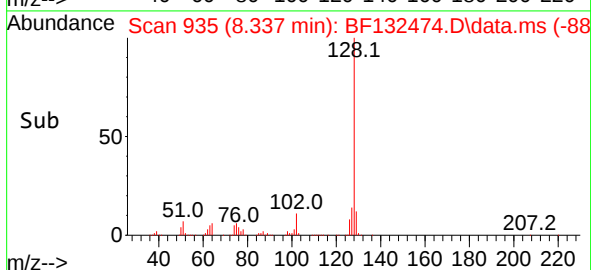
Reviewed By :Christian Giraldo 02/21/2023
Supervised By :Jagrut Upadhyay 02/21/2023

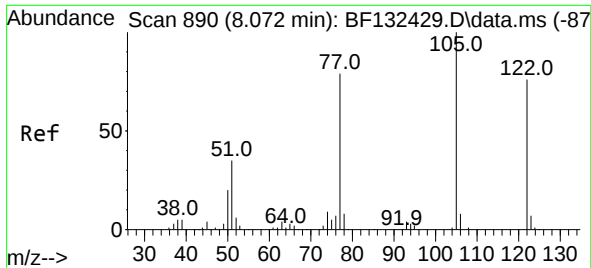


#31
Naphthalene
Concen: 36.557 ng
RT: 8.337 min Scan# 935
Delta R.T. 0.000 min
Lab File: BF132474.D
Acq: 20 Feb 2023 11:56



Tgt Ion:128 Resp: 1904284
Ion Ratio Lower Upper
128 100
129 11.8 9.0 13.4
127 13.7 11.0 16.4





#32
Benzoic acid
Concen: 44.598 ng
RT: 8.095 min Scan# 894
Delta R.T. 0.018 min
Lab File: BF132474.D
Acq: 20 Feb 2023 11:56

Instrument :

BNA_F

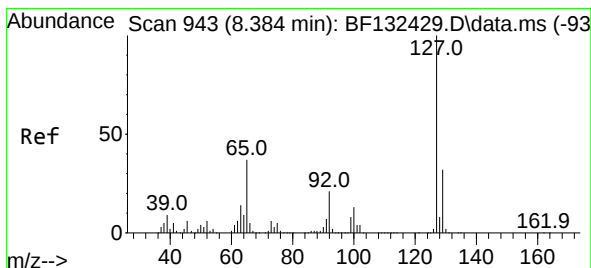
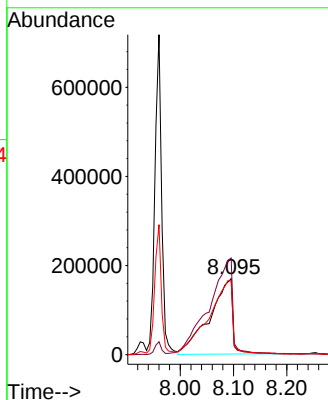
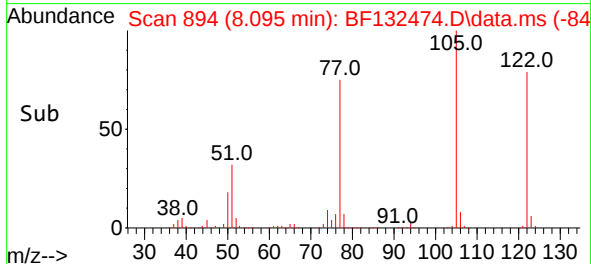
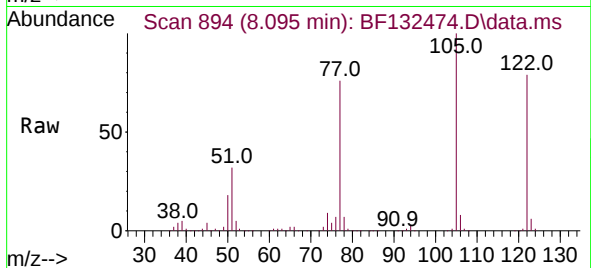
ClientSampleId :

PB150910BS

Tgt Ion:122 Resp: 510811
Ion Ratio Lower Upper
122 100
105 127.3 109.7 149.7
77 96.7 83.8 123.8

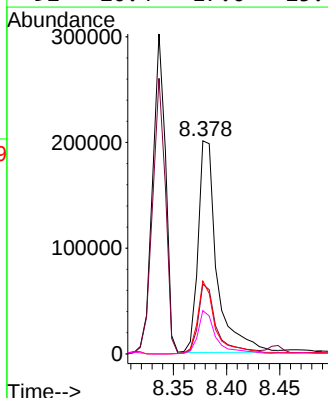
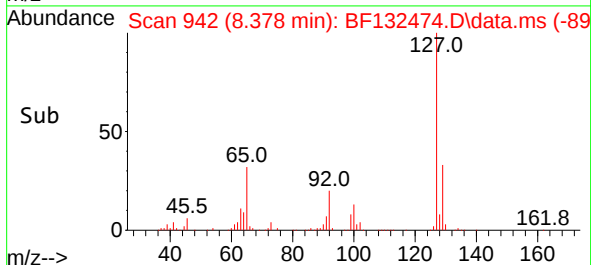
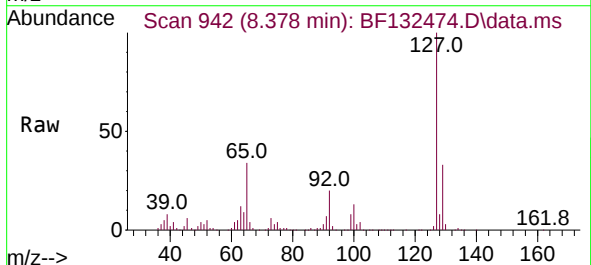
Manual Integrations
APPROVED

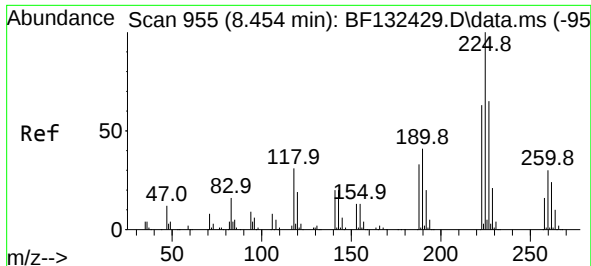
Reviewed By :Christian Giraldo 02/21/2023
Supervised By :Jagrut Upadhyay 02/21/2023



#33
4-Chloroaniline
Concen: 11.346 ng
RT: 8.378 min Scan# 942
Delta R.T. 0.000 min
Lab File: BF132474.D
Acq: 20 Feb 2023 11:56

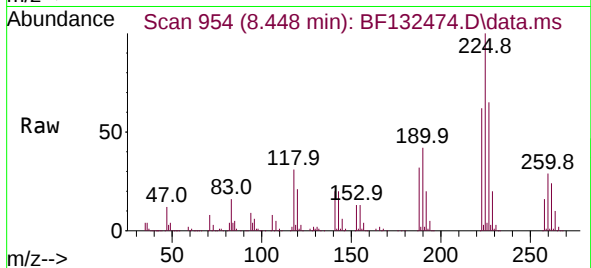
Tgt Ion:127 Resp: 245553
Ion Ratio Lower Upper
127 100
129 32.8 25.9 38.9
65 34.2 29.8 44.6
92 20.4 17.0 25.4





#34
Hexachlorobutadiene
Concen: 39.450 ng
RT: 8.448 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132474.D
Acq: 20 Feb 2023 11:56

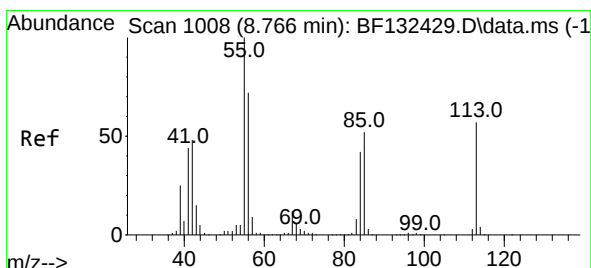
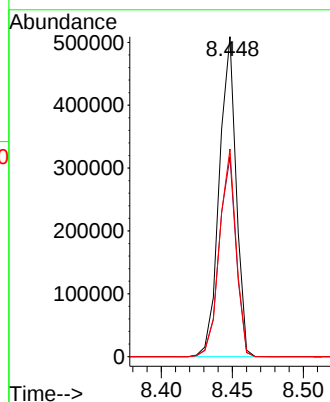
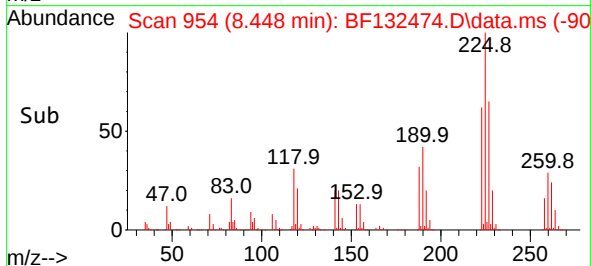
Instrument :
BNA_F
ClientSampleId :
PB150910BS



Tgt Ion:225 Resp: 420068
Ion Ratio Lower Upper
225 100
223 62.4 50.6 76.0
227 64.9 52.2 78.4

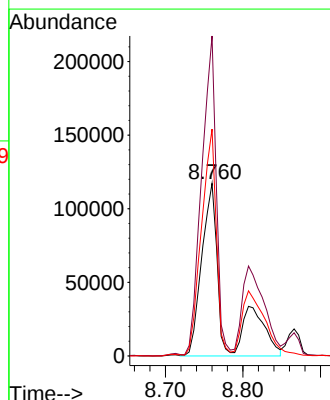
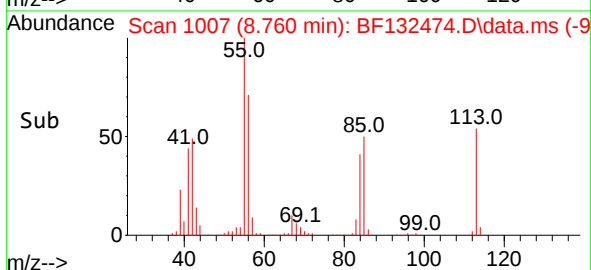
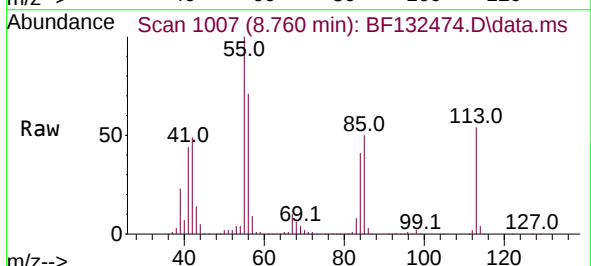
Manual Integrations
APPROVED

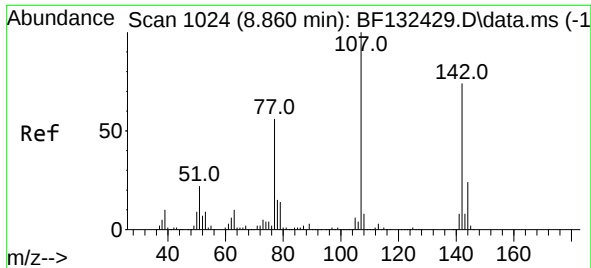
Reviewed By :Christian Giraldo 02/21/2023
Supervised By :Jagrut Upadhyay 02/21/2023



#35
Caprolactam
Concen: 45.911 ng m
RT: 8.760 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF132474.D
Acq: 20 Feb 2023 11:56

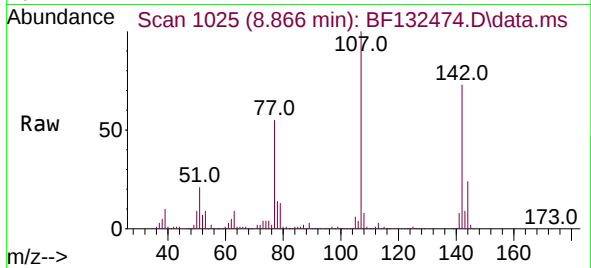
Tgt Ion:113 Resp: 226036
Ion Ratio Lower Upper
113 100
55 185.5 155.8 195.8
56 131.5 107.3 147.3





#36
4-Chloro-3-methylphenol
Concen: 41.170 ng
RT: 8.866 min Scan# 1024
Delta R.T. 0.012 min
Lab File: BF132474.D
Acq: 20 Feb 2023 11:56

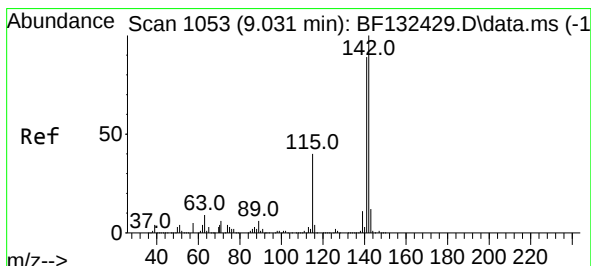
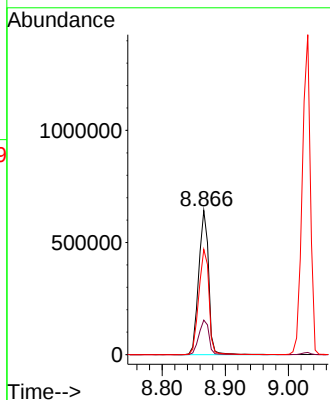
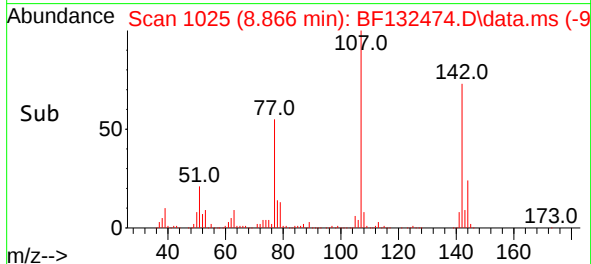
Instrument :
BNA_F
ClientSampleId :
PB150910BS



Tgt Ion:107 Resp: 698610
Ion Ratio Lower Upper
107 100
144 23.9 18.8 28.2
142 73.0 58.8 88.2

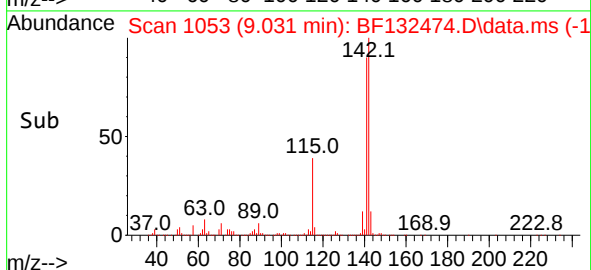
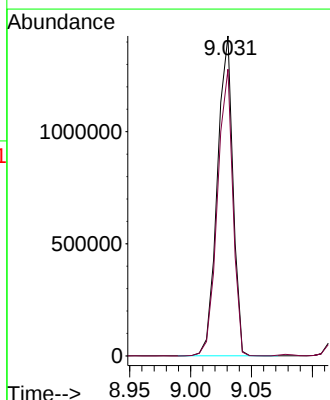
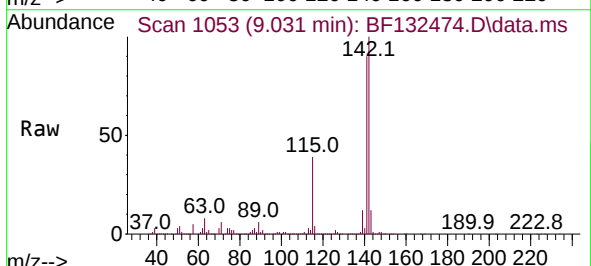
Manual Integrations
APPROVED

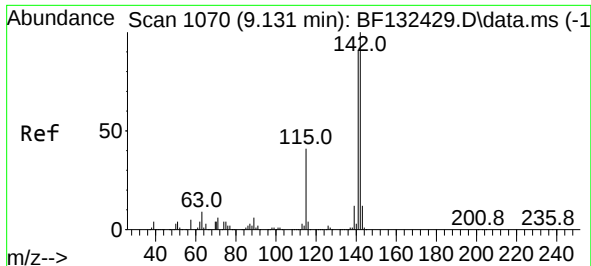
Reviewed By :Christian Giraldo 02/21/2023
Supervised By :Jagrut Upadhyay 02/21/2023



#37
2-Methylnaphthalene
Concen: 36.201 ng
RT: 9.031 min Scan# 1053
Delta R.T. 0.006 min
Lab File: BF132474.D
Acq: 20 Feb 2023 11:56

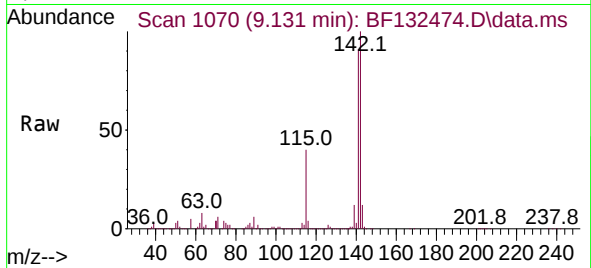
Tgt Ion:142 Resp: 1269116
Ion Ratio Lower Upper
142 100
141 89.6 71.2 106.8





#38
1-Methylnaphthalene
Concen: 36.744 ng
RT: 9.131 min Scan# 1070
Delta R.T. 0.006 min
Lab File: BF132474.D
Acq: 20 Feb 2023 11:56

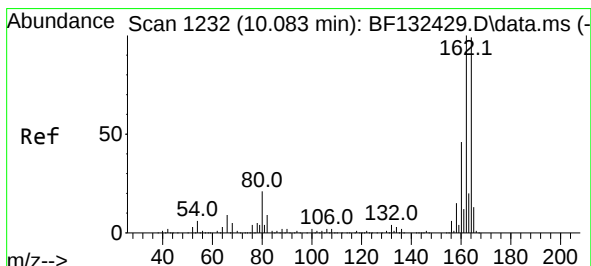
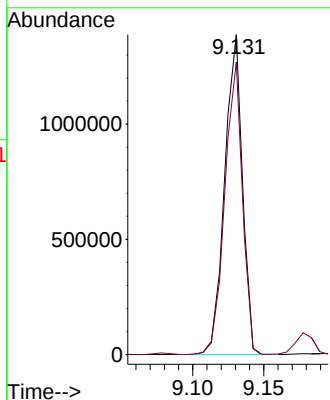
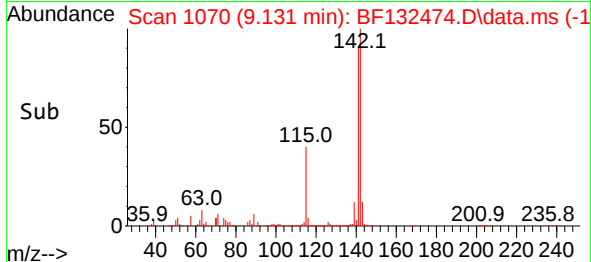
Instrument :
BNA_F
ClientSampleId :
PB150910BS



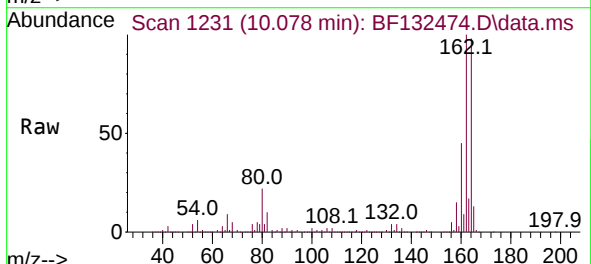
Tgt Ion:142 Resp: 1210197
Ion Ratio Lower Upper
142 100
141 91.4 72.7 109.1

Manual Integrations
APPROVED

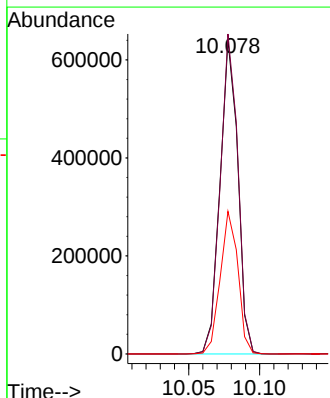
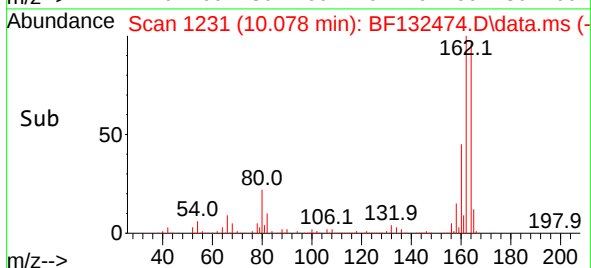
Reviewed By :Christian Giraldo 02/21/2023
Supervised By :Jagrut Upadhyay 02/21/2023

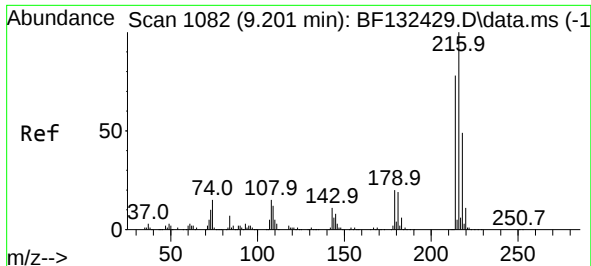


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.078 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BF132474.D
Acq: 20 Feb 2023 11:56



Tgt Ion:164 Resp: 560953
Ion Ratio Lower Upper
164 100
162 102.0 80.8 121.2
160 45.4 37.2 55.8





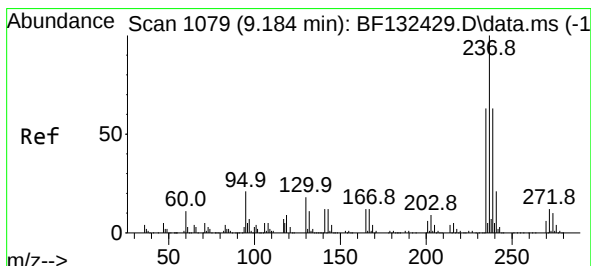
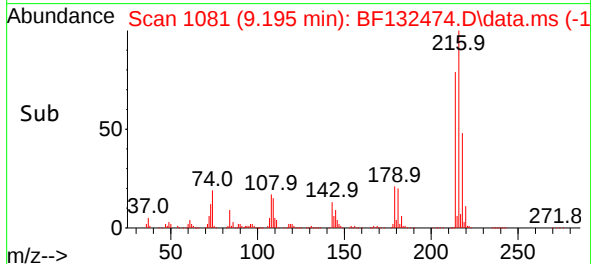
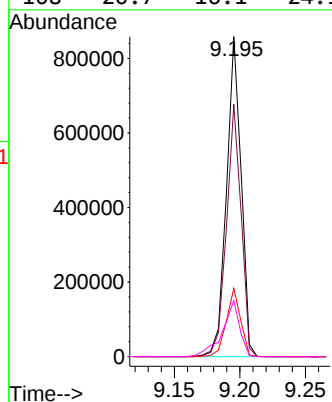
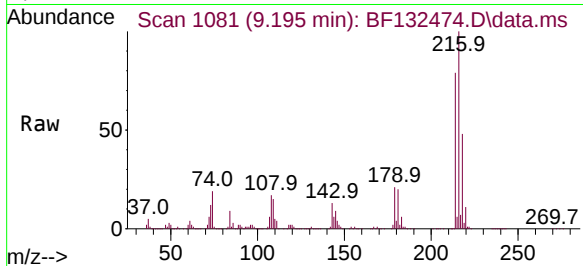
#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.635 ng
RT: 9.195 min Scan# 1081
Delta R.T. 0.006 min
Lab File: BF132474.D
Acq: 20 Feb 2023 11:56

Instrument :
BNA_F
ClientSampleId :
PB150910BS

Tgt Ion:216 Resp: 665889
Ion Ratio Lower Upper
216 100
214 78.8 63.4 95.2
179 20.7 16.4 24.6
108 20.7 16.1 24.1

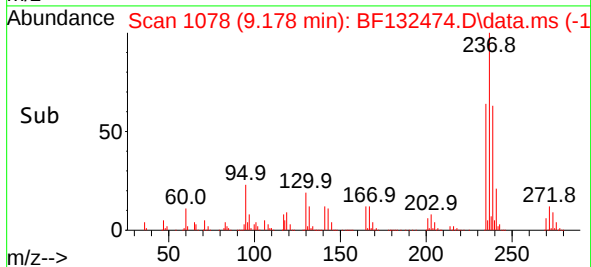
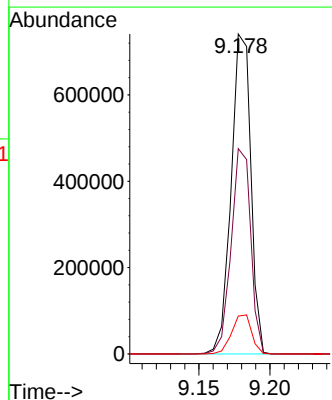
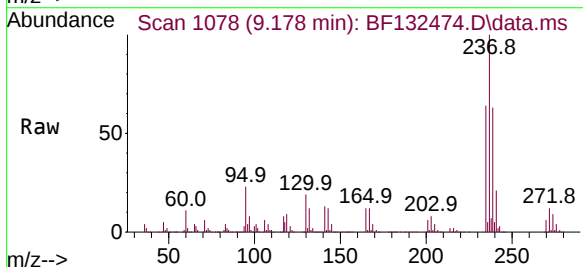
Manual Integrations
APPROVED

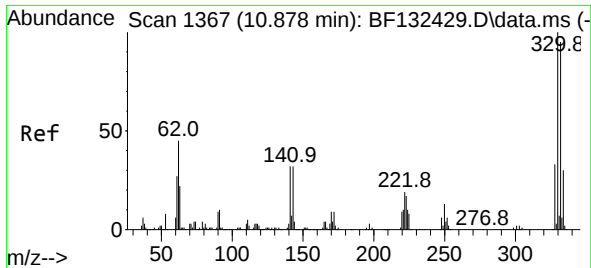
Reviewed By :Christian Giraldo 02/21/2023
Supervised By :Jagrut Upadhyay 02/21/2023



#41
Hexachlorocyclopentadiene
Concen: 71.538 ng
RT: 9.178 min Scan# 1078
Delta R.T. 0.000 min
Lab File: BF132474.D
Acq: 20 Feb 2023 11:56

Tgt Ion:237 Resp: 714185
Ion Ratio Lower Upper
237 100
235 64.1 43.1 83.1
272 11.8 0.0 32.3





#42
2,4,6-Tribromophenol
Concen: 111.082 ng
RT: 10.878 min Scan# 1367
Delta R.T. 0.006 min
Lab File: BF132474.D
Acq: 20 Feb 2023 11:56

Instrument :

BNA_F

ClientSampleId :

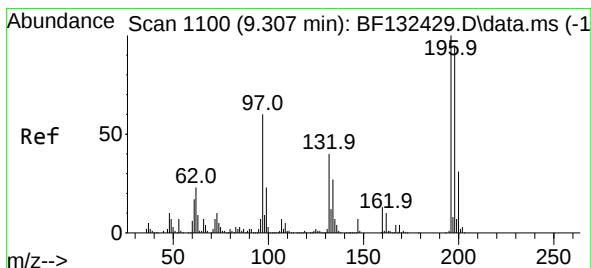
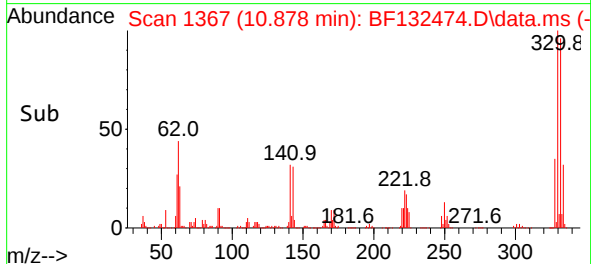
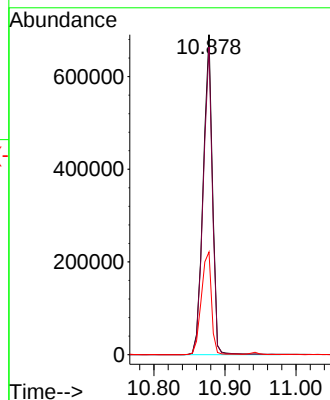
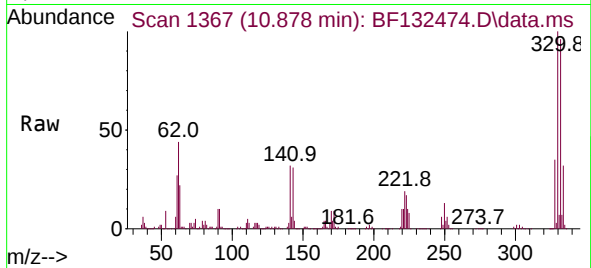
PB150910BS

Tgt Ion: 330 Resp: 621712
Ion Ratio Lower Upper
330 100
332 95.5 76.3 114.5
141 35.1 30.3 45.5

Manual Integrations

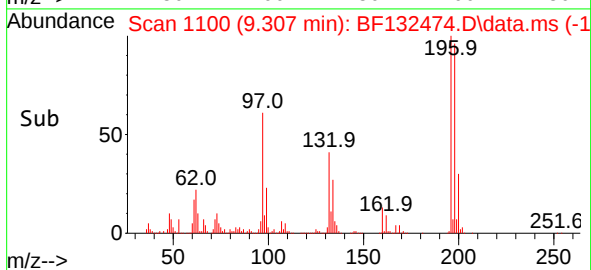
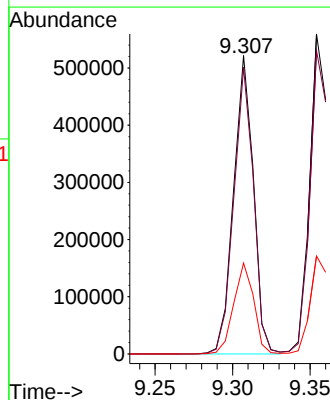
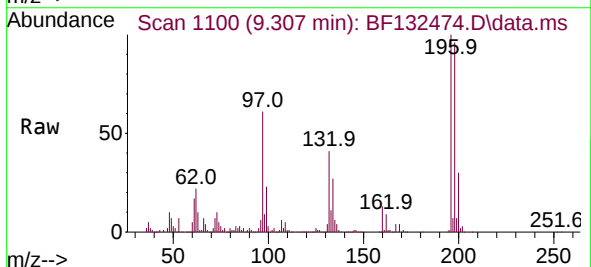
APPROVED

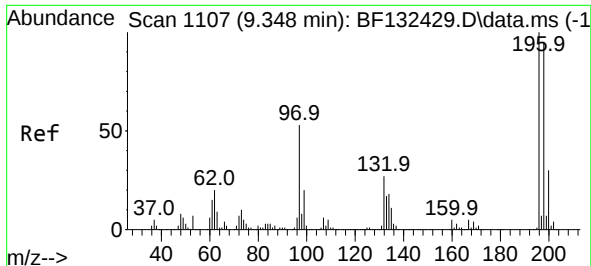
Reviewed By : Christian Giraldo 02/21/2023
Supervised By : Jagrut Upadhyay 02/21/2023



#43
2,4,6-Trichlorophenol
Concen: 38.754 ng
RT: 9.307 min Scan# 1100
Delta R.T. 0.006 min
Lab File: BF132474.D
Acq: 20 Feb 2023 11:56

Tgt Ion: 196 Resp: 464031
Ion Ratio Lower Upper
196 100
198 96.0 76.3 114.5
200 30.5 24.8 37.2





#44
2,4,5-Trichlorophenol
Concen: 35.930 ng
RT: 9.354 min Scan# 1108
Delta R.T. 0.012 min
Lab File: BF132474.D
Acq: 20 Feb 2023 11:56

Instrument :

BNA_F

ClientSampleId :

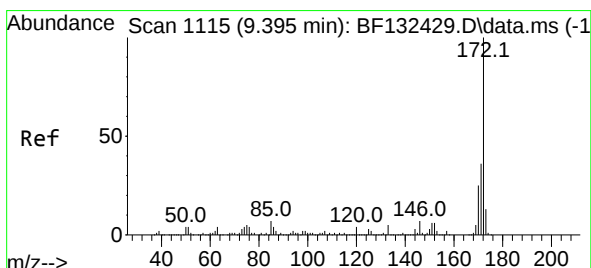
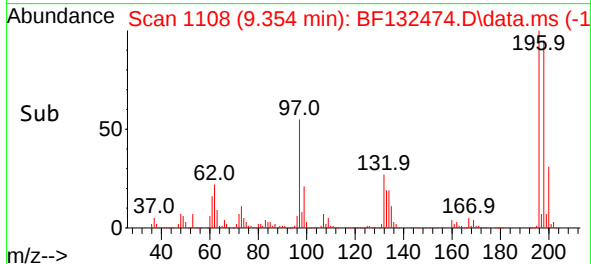
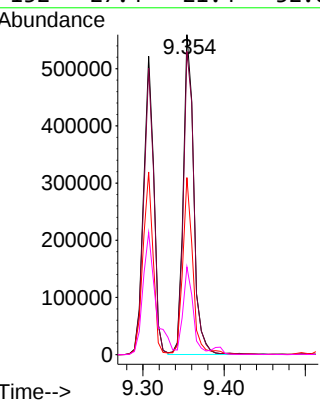
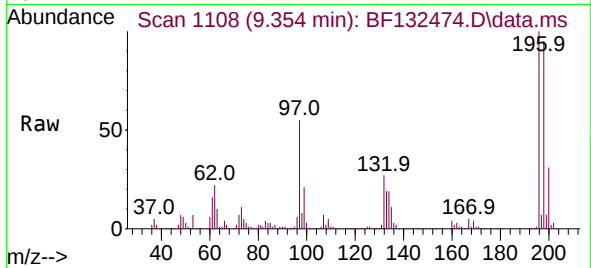
PB150910BS

Tgt Ion:196 Resp: 501089
Ion Ratio Lower Upper
196 100
198 94.8 76.2 114.4
97 55.3 42.4 63.6
132 27.4 21.4 32.0

Manual Integrations

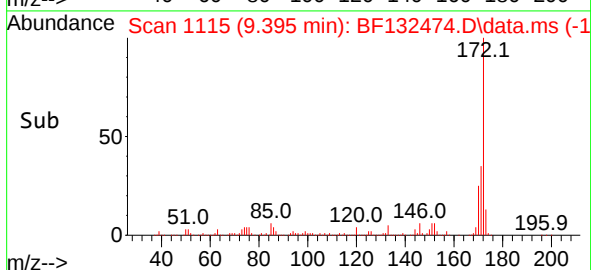
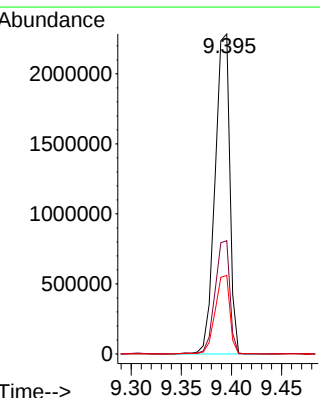
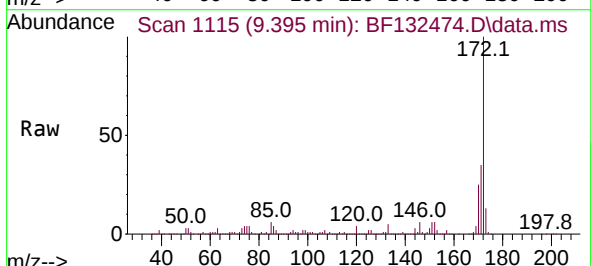
APPROVED

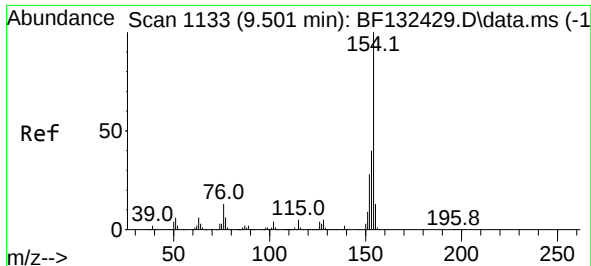
Reviewed By :Christian Giraldo 02/21/2023
Supervised By :Jagrut Upadhyay 02/21/2023



#45
2-Fluorobiphenyl
Concen: 64.469 ng
RT: 9.395 min Scan# 1115
Delta R.T. 0.006 min
Lab File: BF132474.D
Acq: 20 Feb 2023 11:56

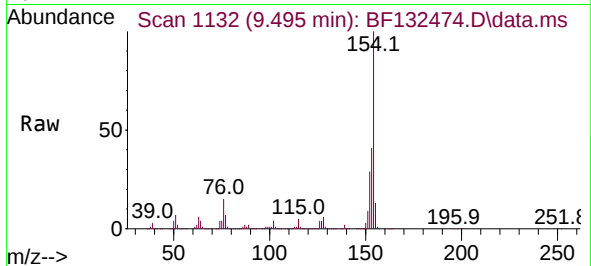
Tgt Ion:172 Resp: 2341791
Ion Ratio Lower Upper
172 100
171 35.4 28.6 42.8
170 24.5 19.9 29.9





#46
1,1'-Biphenyl
Concen: 35.523 ng
RT: 9.495 min Scan# 1132
Delta R.T. 0.006 min
Lab File: BF132474.D
Acq: 20 Feb 2023 11:56

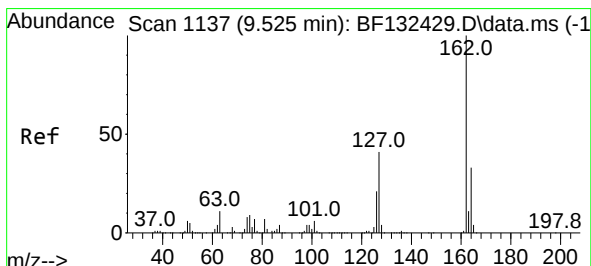
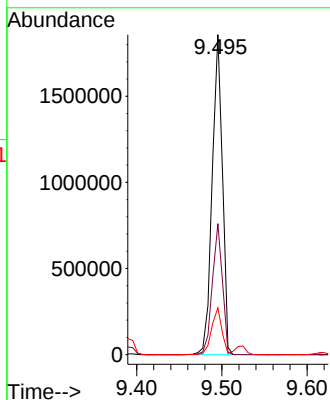
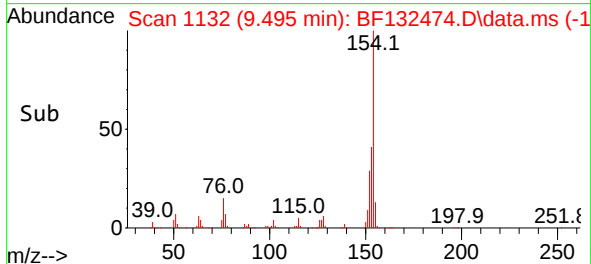
Instrument :
BNA_F
ClientSampleId :
PB150910BS



Tgt Ion:154 Resp: 1542294
Ion Ratio Lower Upper
154 100
153 40.9 20.2 60.2
76 14.6 0.0 33.3

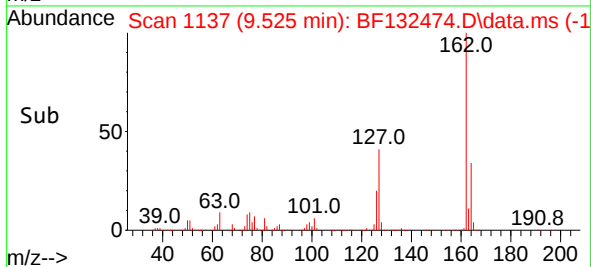
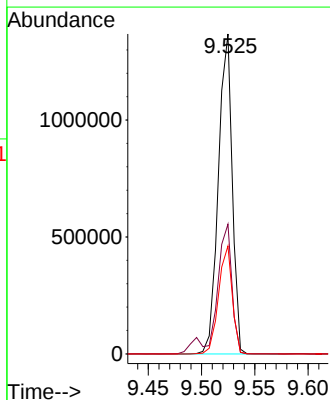
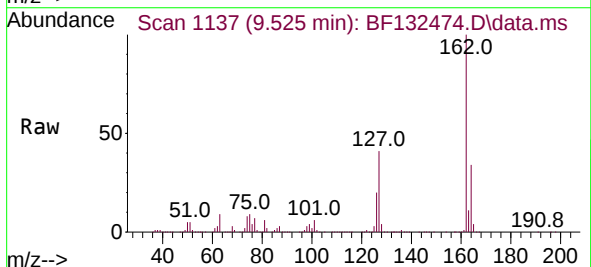
Manual Integrations
APPROVED

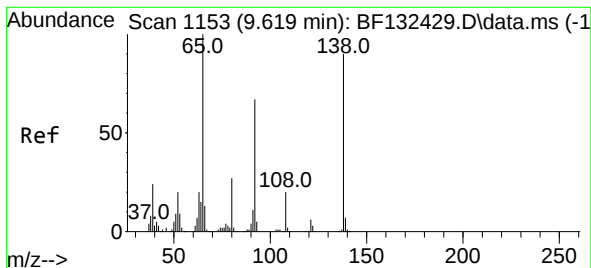
Reviewed By :Christian Giraldo 02/21/2023
Supervised By :Jagrut Upadhyay 02/21/2023



#47
2-Chloronaphthalene
Concen: 36.486 ng
RT: 9.525 min Scan# 1137
Delta R.T. 0.006 min
Lab File: BF132474.D
Acq: 20 Feb 2023 11:56

Tgt Ion:162 Resp: 1243354
Ion Ratio Lower Upper
162 100
127 40.5 33.0 49.4
164 33.7 26.6 39.8





#48

2-Nitroaniline

Concen: 38.273 ng

RT: 9.619 min Scan# 1153

Delta R.T. 0.006 min

Lab File: BF132474.D

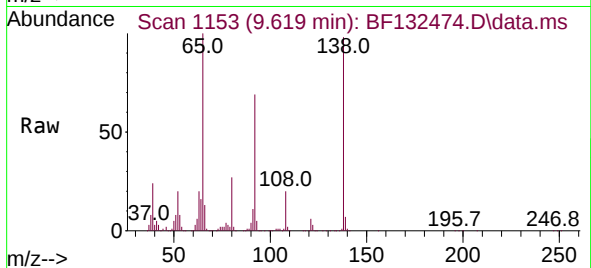
Acq: 20 Feb 2023 11:56

Instrument :

BNA_F

ClientSampleId :

PB150910BS



Tgt Ion: 65 Resp: 457609

Ion Ratio Lower Upper

65 100

92 69.0 53.5 80.3

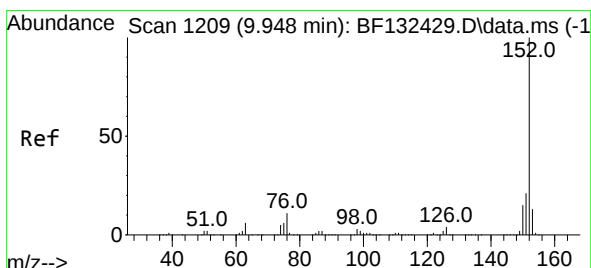
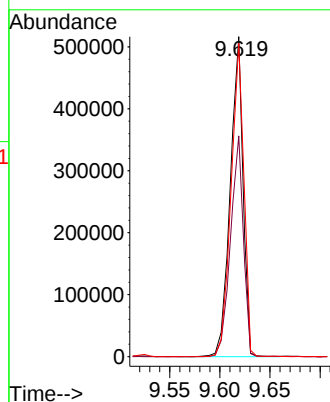
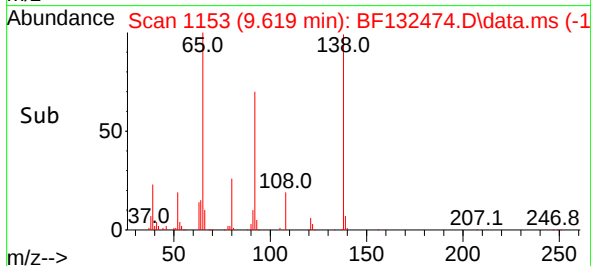
138 97.9 72.2 108.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/21/2023

Supervised By :Jagrut Upadhyay 02/21/2023



#49

Acenaphthylene

Concen: 35.268 ng

RT: 9.942 min Scan# 1208

Delta R.T. 0.006 min

Lab File: BF132474.D

Acq: 20 Feb 2023 11:56

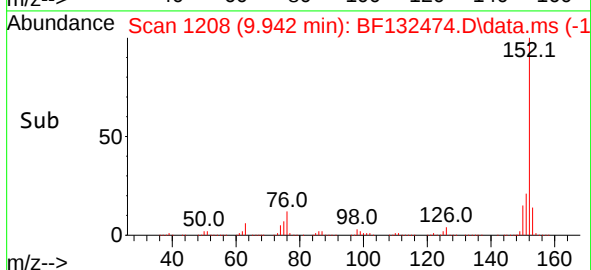
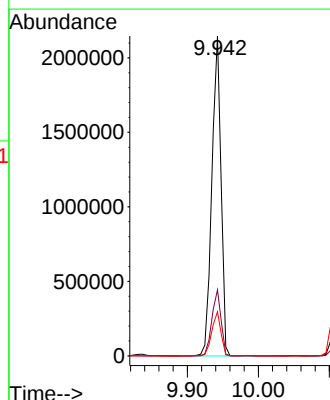
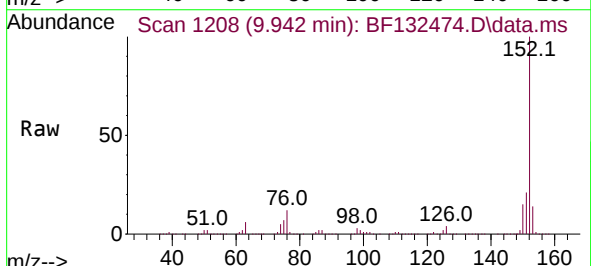
Tgt Ion:152 Resp: 1909524

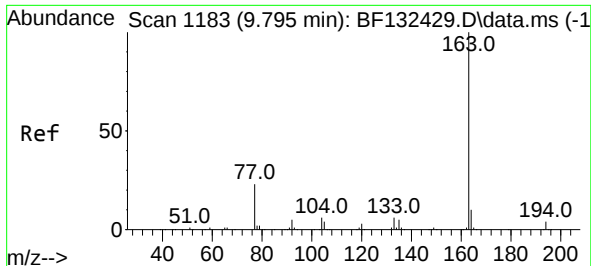
Ion Ratio Lower Upper

152 100

151 20.6 16.4 24.6

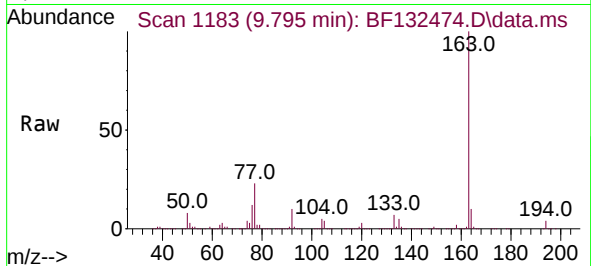
153 13.8 10.7 16.1





#50
Dimethylphthalate
Concen: 36.532 ng
RT: 9.795 min Scan# 1183
Delta R.T. 0.006 min
Lab File: BF132474.D
Acq: 20 Feb 2023 11:56

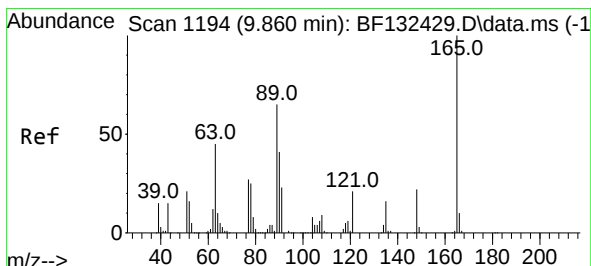
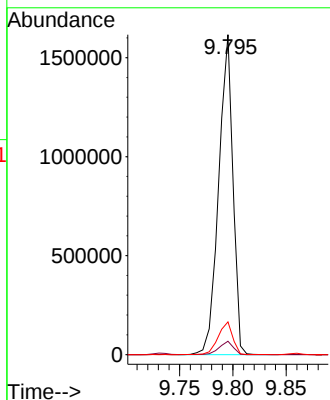
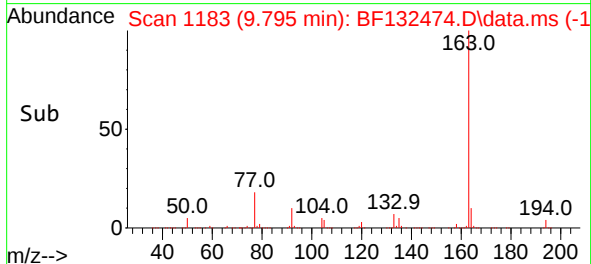
Instrument :
BNA_F
ClientSampleId :
PB150910BS



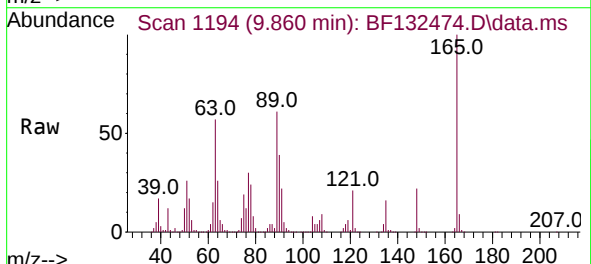
Tgt Ion:163 Resp: 150911
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 10.2 8.4 12.6

Manual Integrations
APPROVED

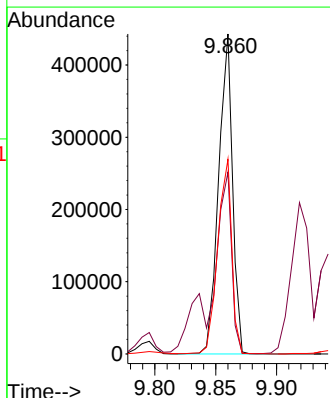
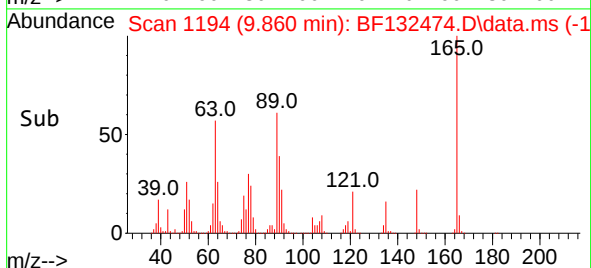
Reviewed By :Christian Giraldo 02/21/2023
Supervised By :Jagrut Upadhyay 02/21/2023

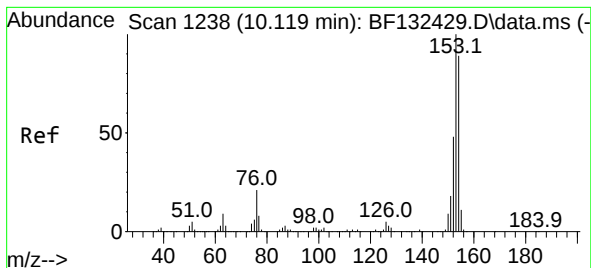


#51
2,6-Dinitrotoluene
Concen: 39.201 ng
RT: 9.860 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF132474.D
Acq: 20 Feb 2023 11:56



Tgt Ion:165 Resp: 352170
Ion Ratio Lower Upper
165 100
63 56.8 50.4 75.6
89 60.8 52.2 78.2





#52

Acenaphthene

Concen: 41.420 ng m

RT: 10.113 min Scan# 1238

Delta R.T. 0.000 min

Lab File: BF132474.D

Acq: 20 Feb 2023 11:56

Instrument :

BNA_F

ClientSampleId :

PB150910BS

Tgt Ion:154 Resp: 1395625

Ion Ratio Lower Upper

154 100

153 112.6 89.7 134.5

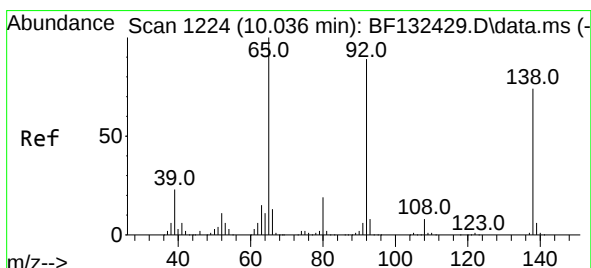
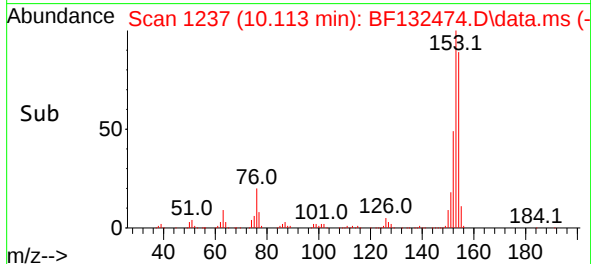
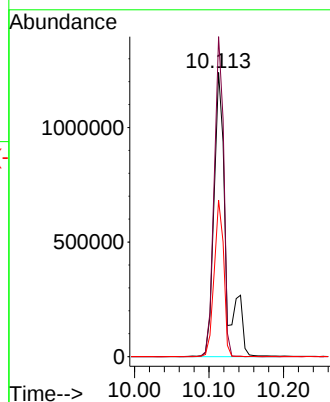
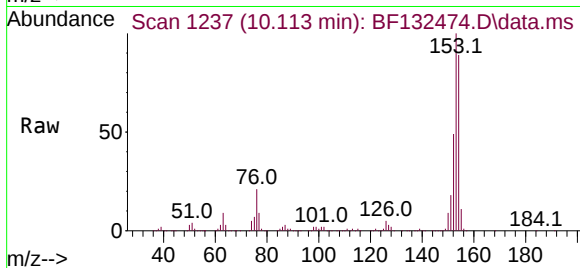
152 55.0 43.4 65.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/21/2023

Supervised By :Jagrut Upadhyay 02/21/2023



#53

3-Nitroaniline

Concen: 24.861 ng

RT: 10.031 min Scan# 1223

Delta R.T. 0.000 min

Lab File: BF132474.D

Acq: 20 Feb 2023 11:56

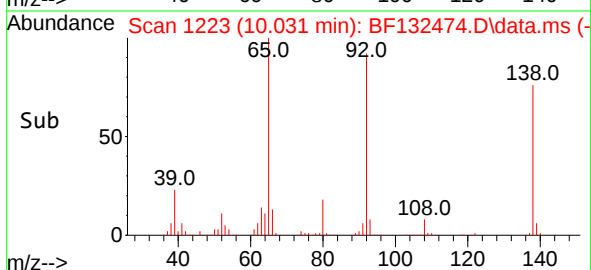
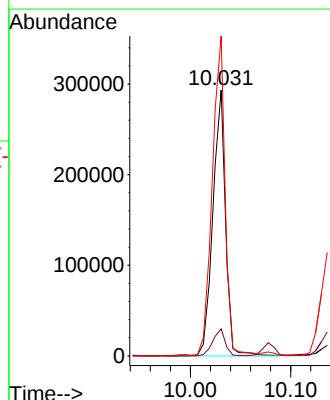
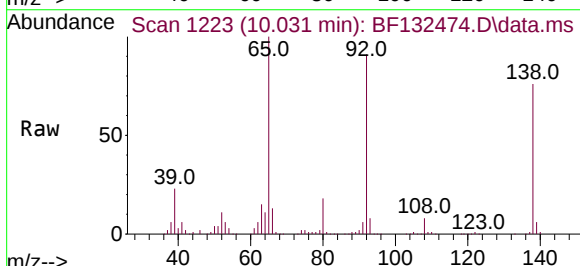
Tgt Ion:138 Resp: 256423

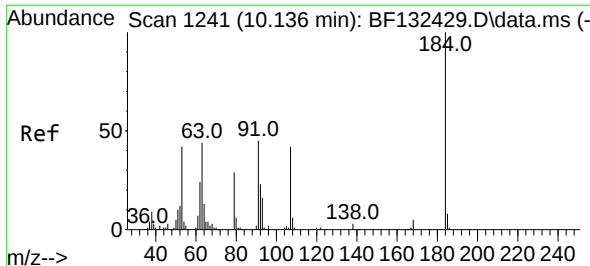
Ion Ratio Lower Upper

138 100

108 10.1 8.1 12.1

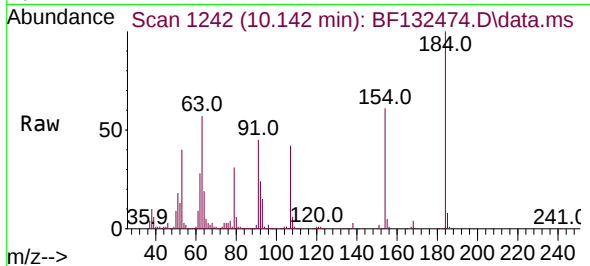
92 120.3 96.0 144.0





#54
2,4-Dinitrophenol
Concen: 80.856 ng
RT: 10.142 min Scan# 1242
Delta R.T. 0.012 min
Lab File: BF132474.D
Acq: 20 Feb 2023 11:56

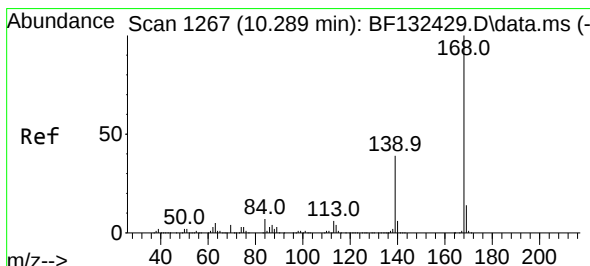
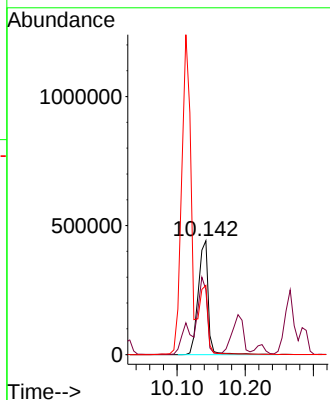
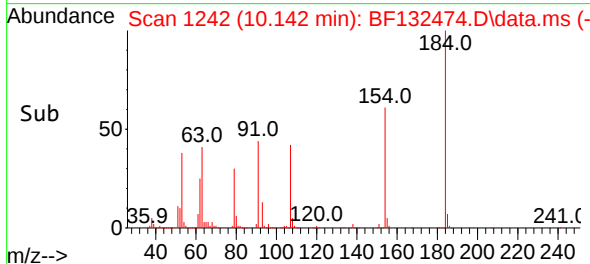
Instrument :
BNA_F
ClientSampleId :
PB150910BS



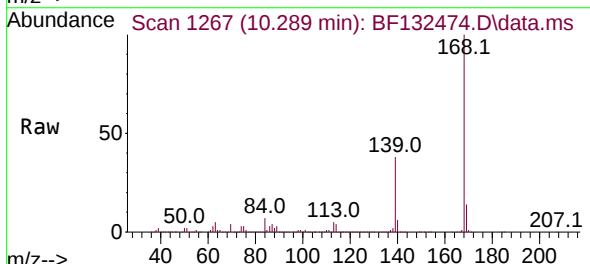
Tgt Ion:184 Resp: 451373
Ion Ratio Lower Upper
184 100
63 57.0 47.0 70.6
154 60.7 49.0 73.6

Manual Integrations
APPROVED

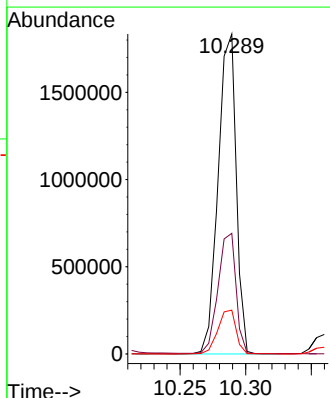
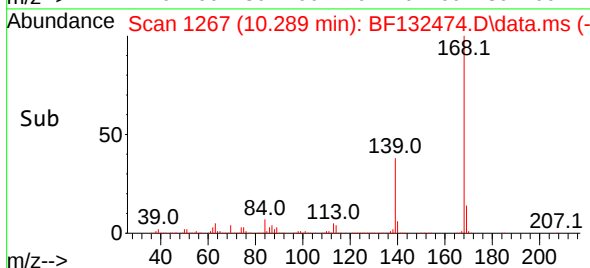
Reviewed By :Christian Giraldo 02/21/2023
Supervised By :Jagrut Upadhyay 02/21/2023

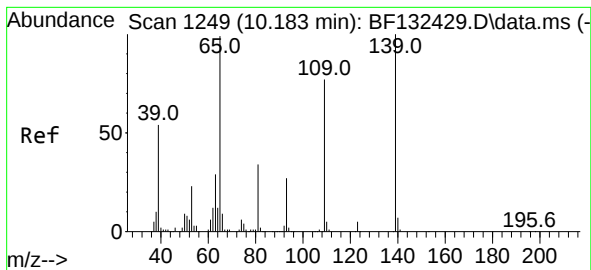


#55
Dibenzofuran
Concen: 35.369 ng
RT: 10.289 min Scan# 1267
Delta R.T. 0.006 min
Lab File: BF132474.D
Acq: 20 Feb 2023 11:56



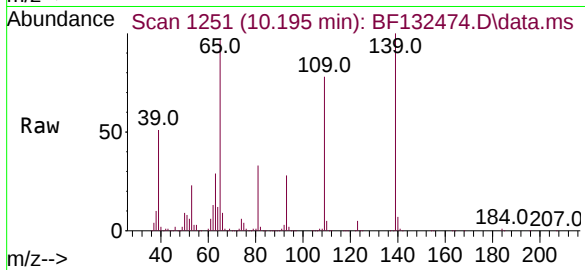
Tgt Ion:168 Resp: 1768210
Ion Ratio Lower Upper
168 100
139 37.7 31.0 46.4
169 13.7 11.0 16.4





#56
4-Nitrophenol
Concen: 76.641 ng
RT: 10.195 min Scan# 1251
Delta R.T. 0.018 min
Lab File: BF132474.D
Acq: 20 Feb 2023 11:56

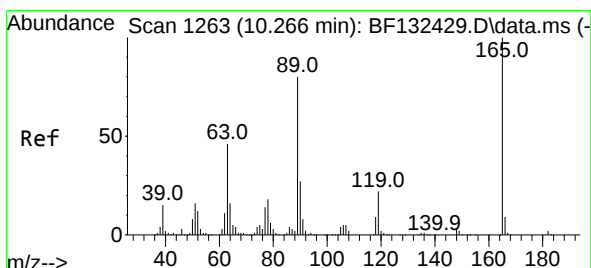
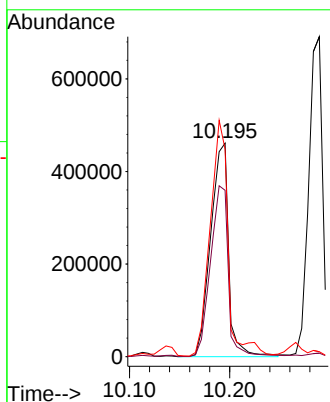
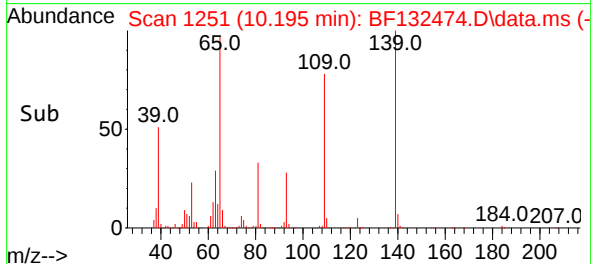
Instrument :
BNA_F
ClientSampleId :
PB150910BS



Tgt Ion:139 Resp: 573512
Ion Ratio Lower Upper
139 100
109 78.0 57.2 97.2
65 97.3 79.2 119.2

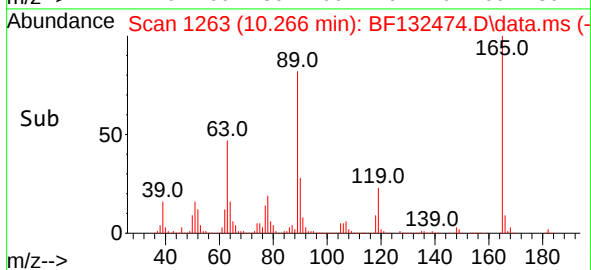
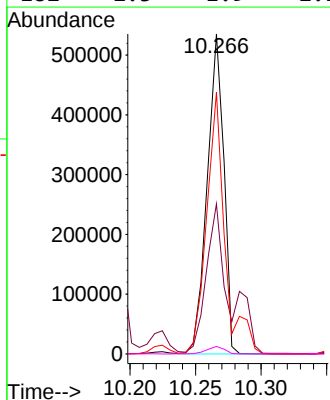
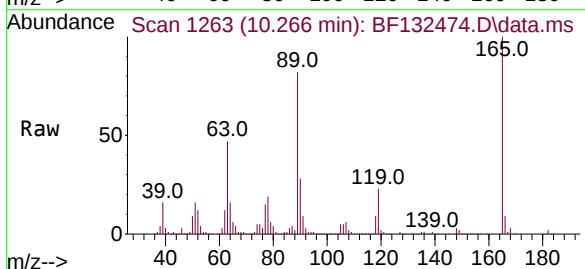
Manual Integrations
APPROVED

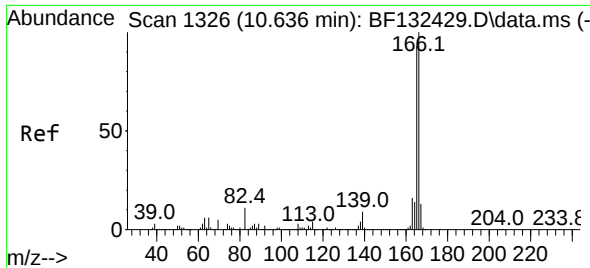
Reviewed By :Christian Giraldo 02/21/2023
Supervised By :Jagrut Upadhyay 02/21/2023



#57
2,4-Dinitrotoluene
Concen: 39.990 ng
RT: 10.266 min Scan# 1263
Delta R.T. 0.006 min
Lab File: BF132474.D
Acq: 20 Feb 2023 11:56

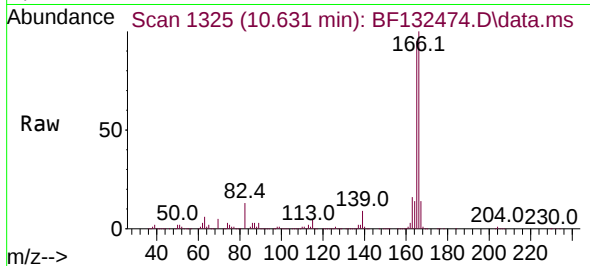
Tgt Ion:165 Resp: 472912
Ion Ratio Lower Upper
165 100
63 46.9 37.1 55.7
89 81.8 63.6 95.4
182 2.3 1.9 2.9





#58
Fluorene
Concen: 36.119 ng
RT: 10.631 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF132474.D
Acq: 20 Feb 2023 11:56

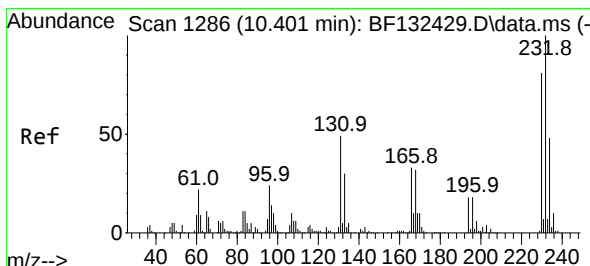
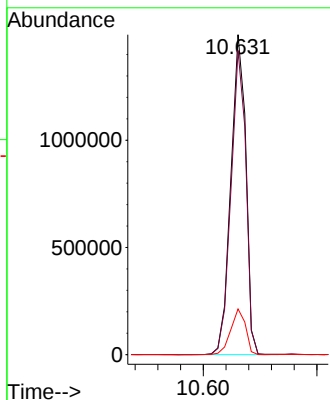
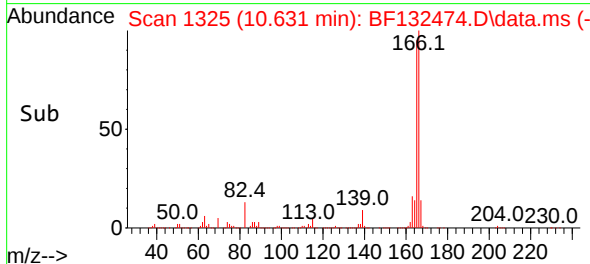
Instrument :
BNA_F
ClientSampleId :
PB150910BS



Tgt Ion:166 Resp: 1365152
Ion Ratio Lower Upper
166 100
165 95.0 74.6 111.8
167 14.3 10.8 16.2

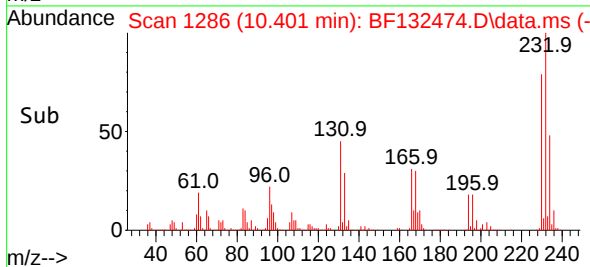
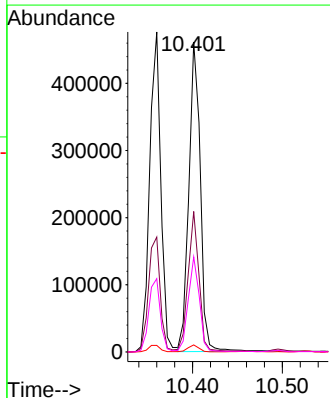
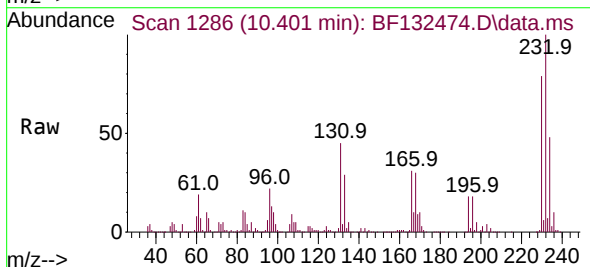
Manual Integrations
APPROVED

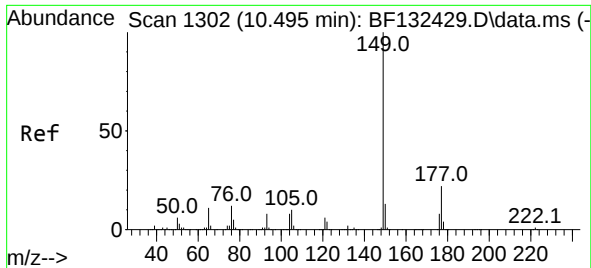
Reviewed By :Christian Giraldo 02/21/2023
Supervised By :Jagrut Upadhyay 02/21/2023



#59
2,3,4,6-Tetrachlorophenol
Concen: 38.821 ng
RT: 10.401 min Scan# 1286
Delta R.T. 0.006 min
Lab File: BF132474.D
Acq: 20 Feb 2023 11:56

Tgt Ion:232 Resp: 409185
Ion Ratio Lower Upper
232 100
131 43.1 35.8 53.8
130 2.2 1.8 2.8
166 29.8 24.1 36.1





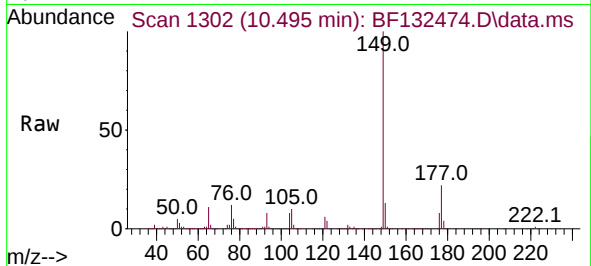
#60
Diethylphthalate
Concen: 36.275 ng
RT: 10.495 min Scan# 1302
Delta R.T. 0.006 min
Lab File: BF132474.D
Acq: 20 Feb 2023 11:56

Instrument :

BNA_F

ClientSampleId :

PB150910BS

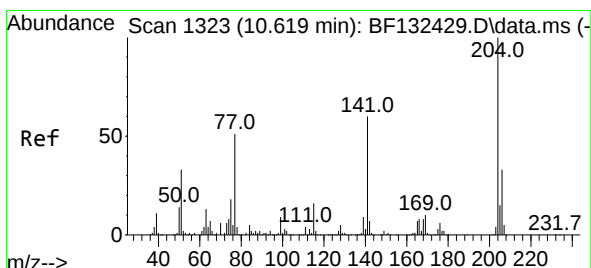
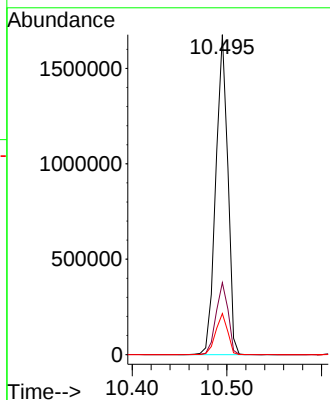
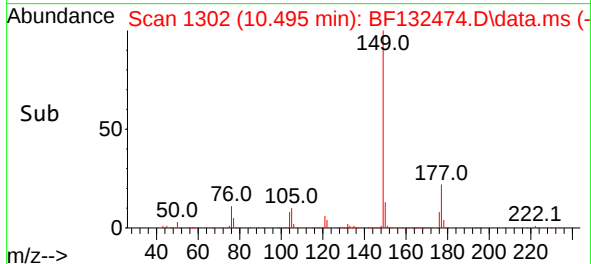


Tgt Ion:149 Resp: 1473043
Ion Ratio Lower Upper
149 100
177 22.5 17.8 26.8
150 12.8 10.0 15.0

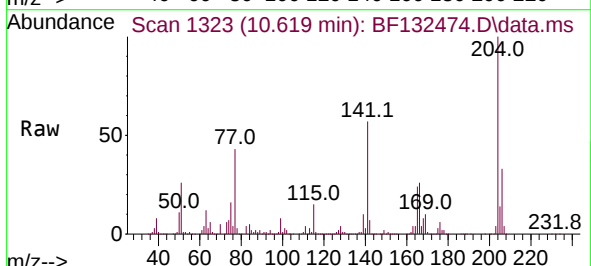
Manual Integrations

APPROVED

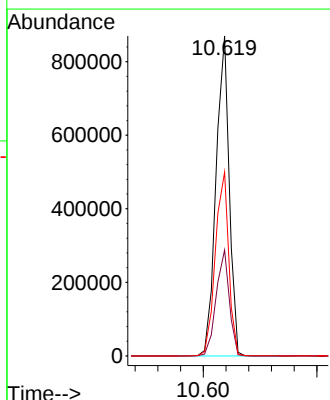
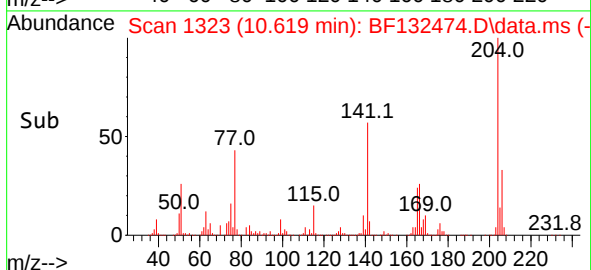
Reviewed By :Christian Giraldo 02/21/2023
Supervised By :Jagrut Upadhyay 02/21/2023

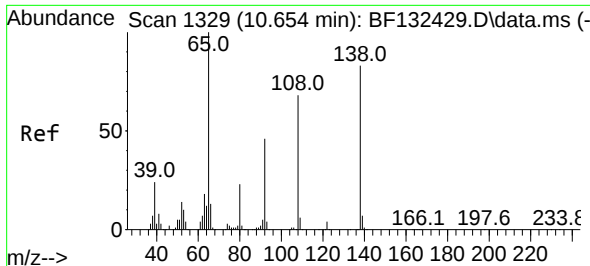


#61
4-Chlorophenyl-phenylether
Concen: 35.419 ng
RT: 10.619 min Scan# 1323
Delta R.T. 0.006 min
Lab File: BF132474.D
Acq: 20 Feb 2023 11:56



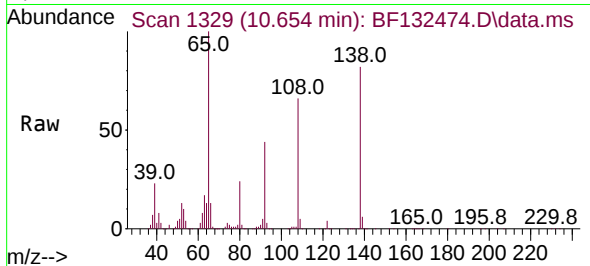
Tgt Ion:204 Resp: 701051
Ion Ratio Lower Upper
204 100
206 33.1 26.3 39.5
141 57.4 48.2 72.2





#62
4-Nitroaniline
Concen: 38.347 ng
RT: 10.654 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BF132474.D
Acq: 20 Feb 2023 11:56

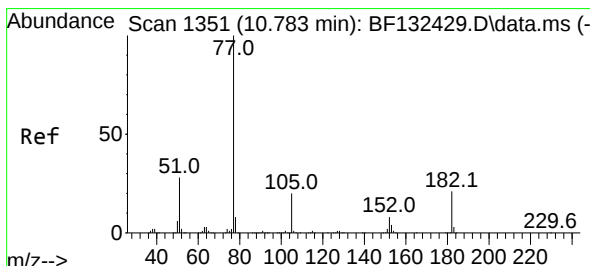
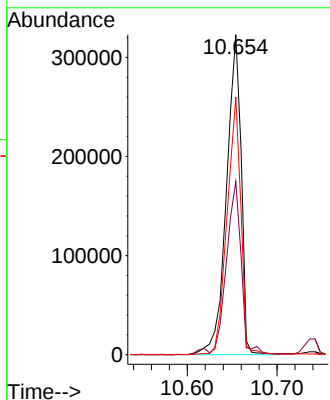
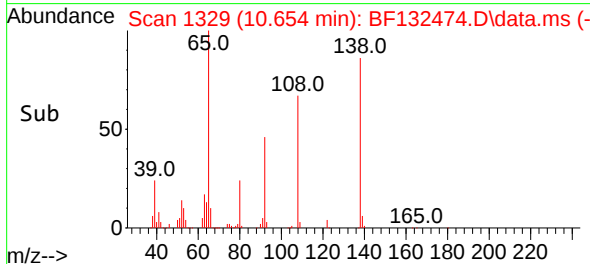
Instrument :
BNA_F
ClientSampleId :
PB150910BS



Tgt Ion:138 Resp: 369075
Ion Ratio Lower Upper
138 100
92 54.1 35.9 75.9
108 80.5 62.1 102.1

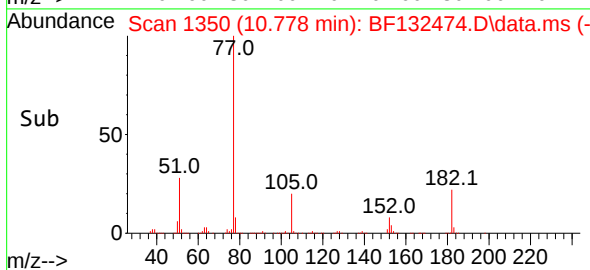
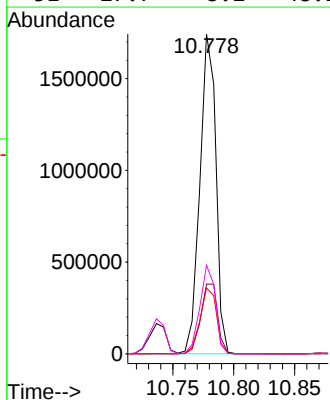
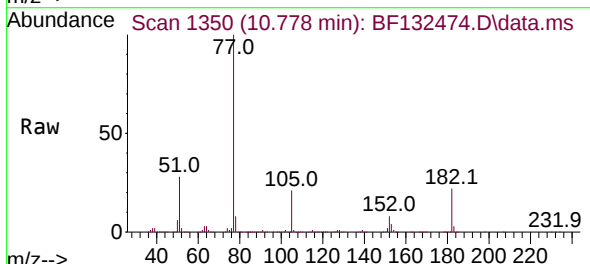
Manual Integrations
APPROVED

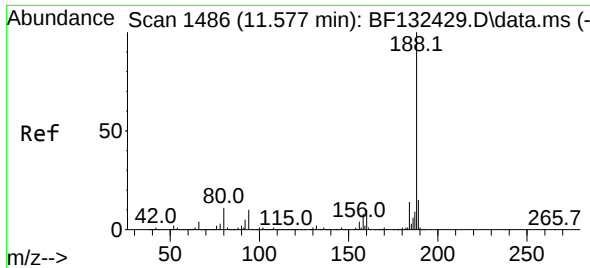
Reviewed By :Christian Giraldo 02/21/2023
Supervised By :Jagrut Upadhyay 02/21/2023



#63
Azobenzene
Concen: 35.418 ng
RT: 10.778 min Scan# 1350
Delta R.T. 0.000 min
Lab File: BF132474.D
Acq: 20 Feb 2023 11:56

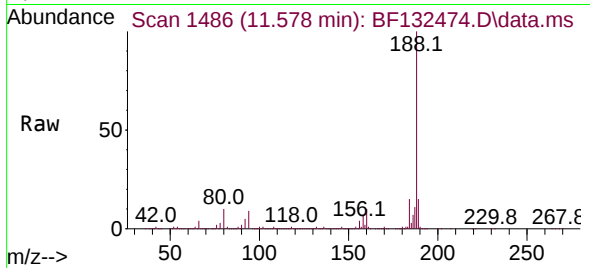
Tgt Ion: 77 Resp: 1591354
Ion Ratio Lower Upper
77 100
182 21.8 1.4 41.4
105 20.6 0.1 40.1
51 27.7 8.2 48.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.578 min Scan# 1486
Delta R.T. 0.006 min
Lab File: BF132474.D
Acq: 20 Feb 2023 11:56

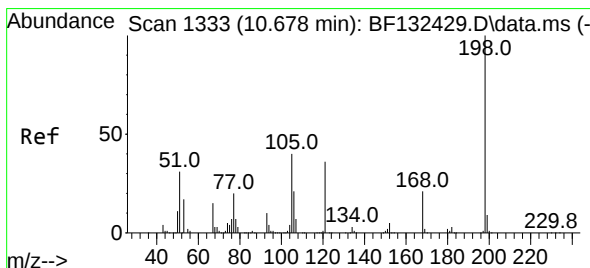
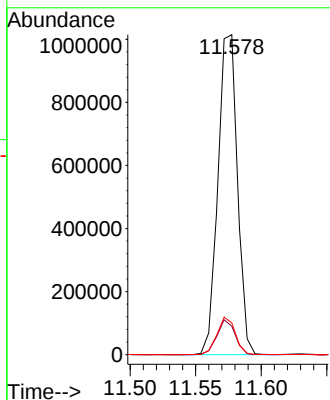
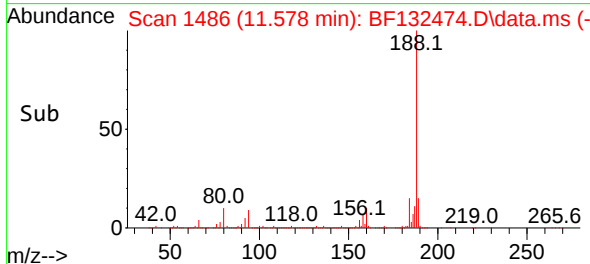
Instrument :
BNA_F
ClientSampleId :
PB150910BS



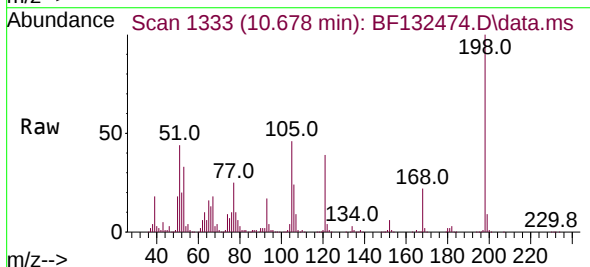
Tgt Ion:188 Resp: 1055789
Ion Ratio Lower Upper
188 100
94 8.9 8.0 12.0
80 9.9 8.6 12.8

Manual Integrations
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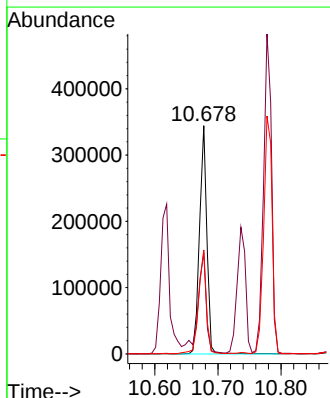
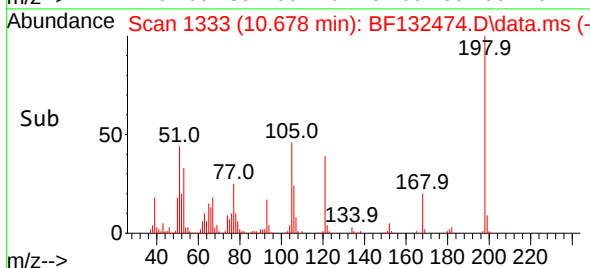
Reviewed By :Christian Giraldo 02/21/2023
Supervised By :Jagrut Upadhyay 02/21/2023

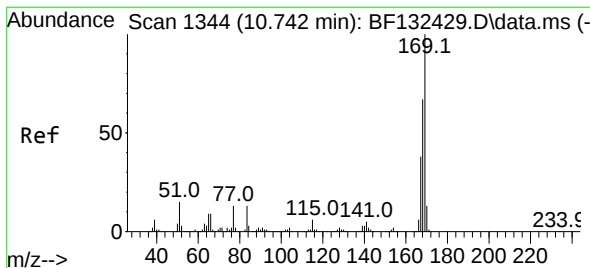


#65
4,6-Dinitro-2-methylphenol
Concen: 42.927 ng
RT: 10.678 min Scan# 1333
Delta R.T. 0.006 min
Lab File: BF132474.D
Acq: 20 Feb 2023 11:56



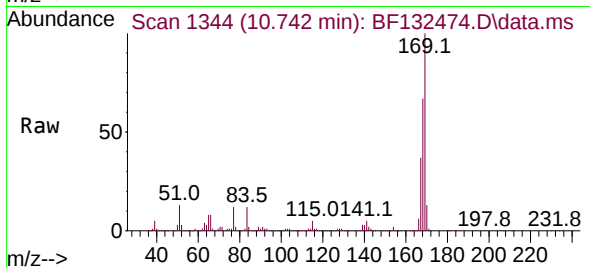
Tgt Ion:198 Resp: 281774
Ion Ratio Lower Upper
198 100
51 44.4 17.4 57.4
105 45.5 21.3 61.3





#66
n-Nitrosodiphenylamine
Concen: 37.806 ng
RT: 10.742 min Scan# 1344
Delta R.T. 0.006 min
Lab File: BF132474.D
Acq: 20 Feb 2023 11:56

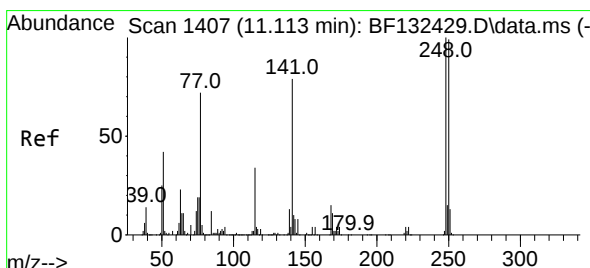
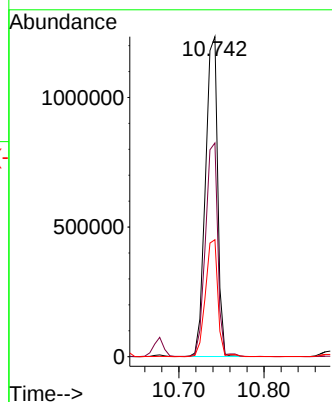
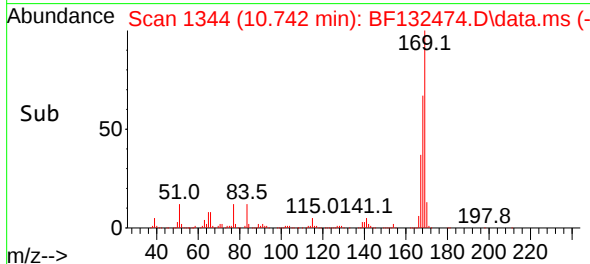
Instrument :
BNA_F
ClientSampleId :
PB150910BS



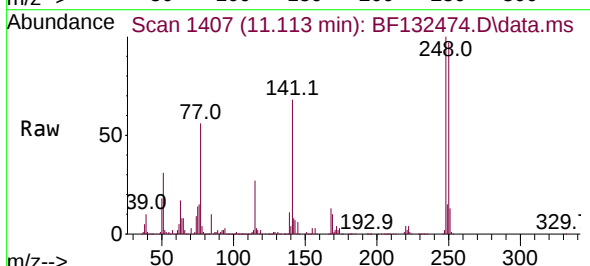
Tgt Ion:169 Resp: 1225105
Ion Ratio Lower Upper
169 100
168 66.8 53.5 80.3
167 36.5 30.2 45.2

Manual Integrations
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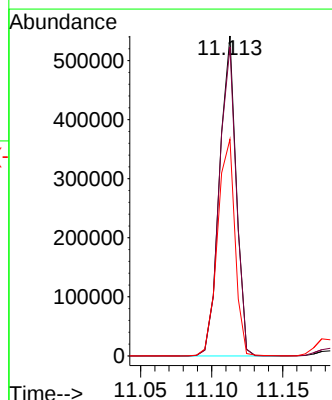
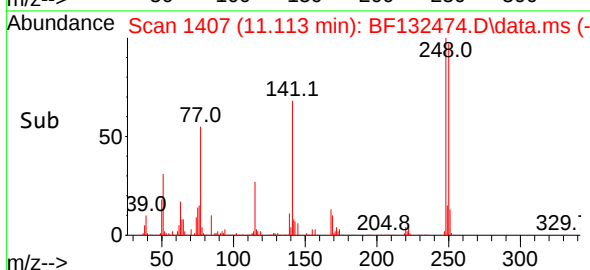
Reviewed By :Christian Giraldo 02/21/2023
Supervised By :Jagrut Upadhyay 02/21/2023

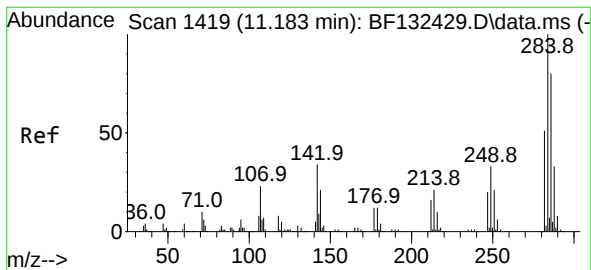


#67
4-Bromophenyl-phenylether
Concen: 38.436 ng
RT: 11.113 min Scan# 1407
Delta R.T. 0.006 min
Lab File: BF132474.D
Acq: 20 Feb 2023 11:56



Tgt Ion:248 Resp: 444766
Ion Ratio Lower Upper
248 100
250 96.6 79.0 118.4
141 67.7 63.3 94.9





#68

Hexachlorobenzene

Concen: 40.826 ng

RT: 11.183 min Scan# 1419

Delta R.T. 0.006 min

Lab File: BF132474.D

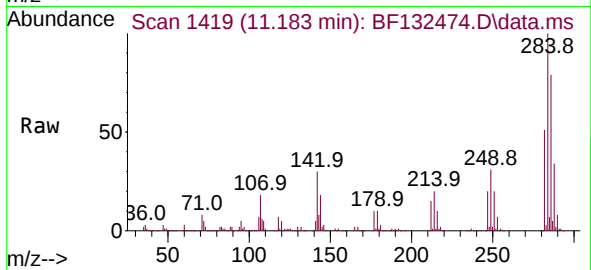
Acq: 20 Feb 2023 11:56

Instrument :

BNA_F

ClientSampleId :

PB150910BS



Tgt Ion:284 Resp: 493820

Ion Ratio Lower Upper

284 100

142 29.8 27.5 41.3

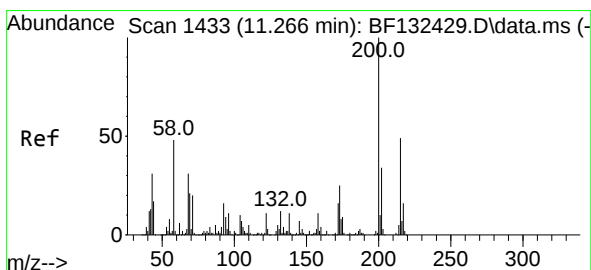
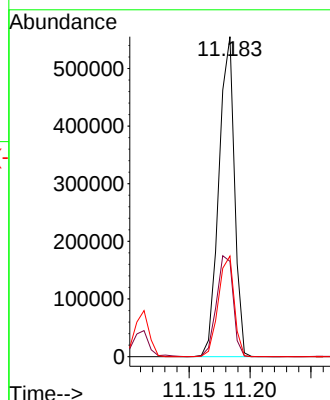
249 31.4 26.2 39.4

Manual Integrations

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Reviewed By :Christian Giraldo 02/21/2023

Supervised By :Jagrut Upadhyay 02/21/2023



#69

Atrazine

Concen: 16.435 ng

RT: 11.260 min Scan# 1432

Delta R.T. 0.000 min

Lab File: BF132474.D

Acq: 20 Feb 2023 11:56

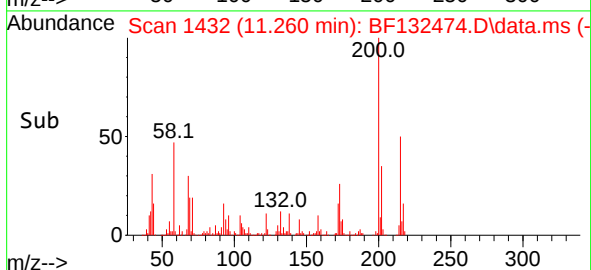
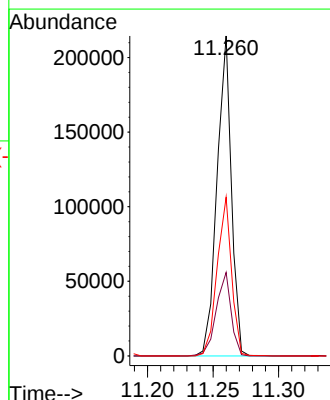
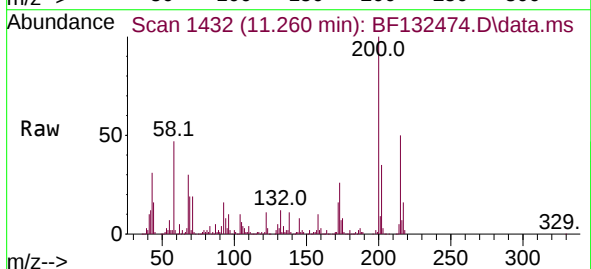
Tgt Ion:200 Resp: 163924

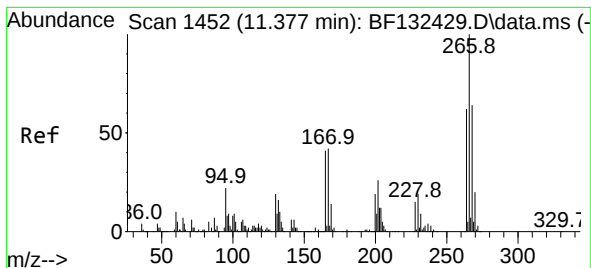
Ion Ratio Lower Upper

200 100

173 26.1 5.3 45.3

215 49.6 29.1 69.1





#70

Pentachlorophenol

Concen: 71.681 ng

RT: 11.378 min Scan# 1452

Delta R.T. 0.006 min

Lab File: BF132474.D

Acq: 20 Feb 2023 11:56

Instrument :

BNA_F

ClientSampleId :

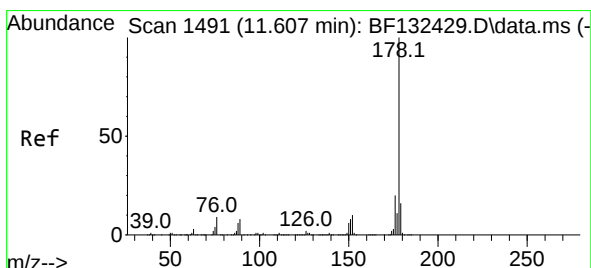
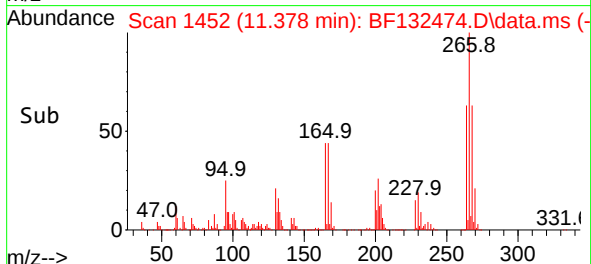
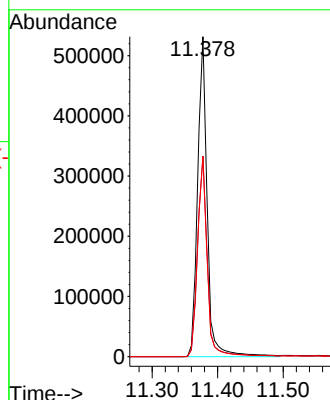
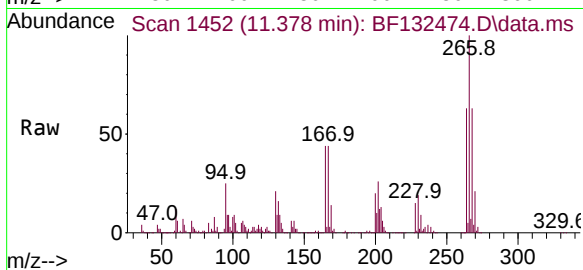
PB150910BS

Tgt Ion:	266	Resp:	53905
Ion Ratio	Lower	Upper	
266	100		
268	62.6	51.0	76.4
264	62.5	49.8	74.6

Manual Integrations

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Reviewed By :Christian Giraldo 02/21/2023
Supervised By :Jagrut Upadhyay 02/21/2023



#71

Phenanthrene

Concen: 37.025 ng

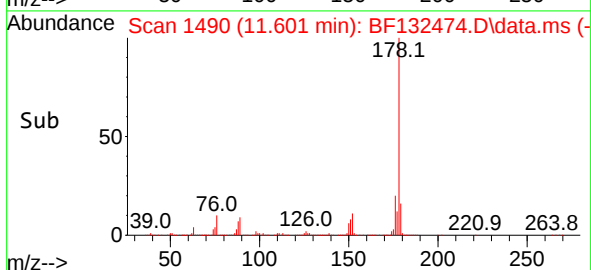
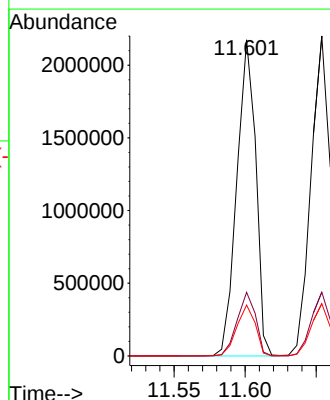
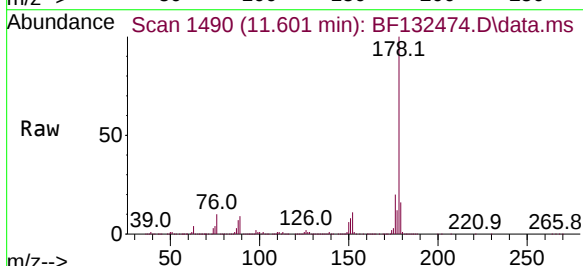
RT: 11.601 min Scan# 1490

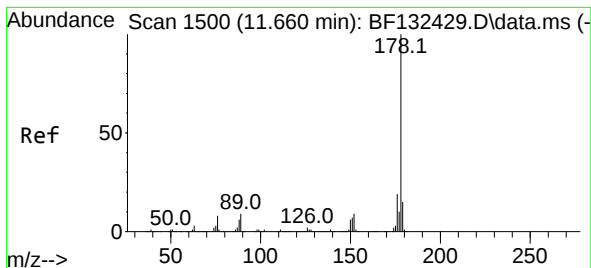
Delta R.T. 0.006 min

Lab File: BF132474.D

Acq: 20 Feb 2023 11:56

Tgt Ion:	178	Resp:	2013321
Ion Ratio	Lower	Upper	
178	100		
176	20.2	16.2	24.2
179	16.1	12.6	18.8





#72

Anthracene

Concen: 36.468 ng

RT: 11.654 min Scan# 1499

Delta R.T. 0.006 min

Lab File: BF132474.D

Acq: 20 Feb 2023 11:56

Instrument :

BNA_F

ClientSampleId :

PB150910BS

Tgt Ion:178 Resp: 2038589

Ion Ratio Lower Upper

178 100

176 19.9 15.4 23.2

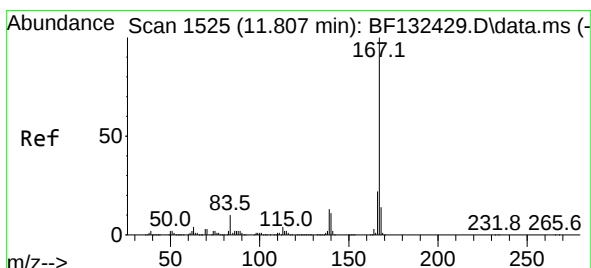
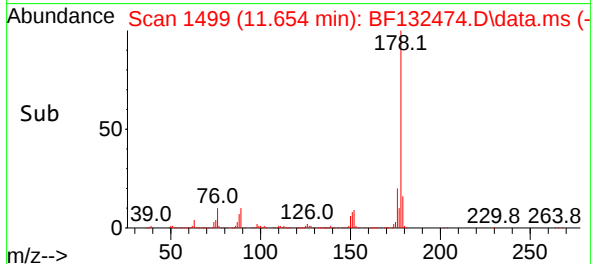
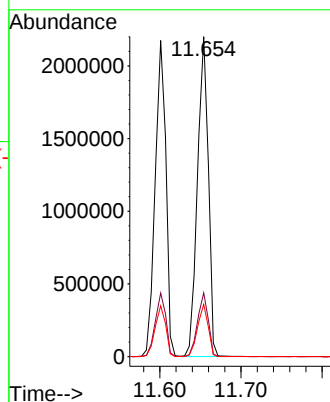
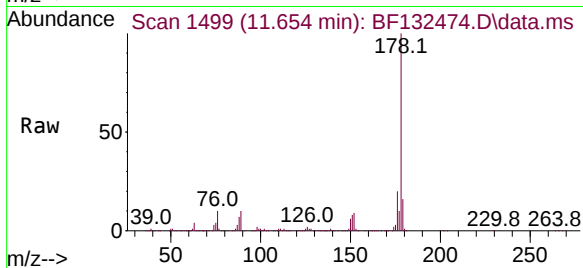
179 16.3 12.4 18.6

Manual Integrations

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Reviewed By :Christian Giraldo 02/21/2023

Supervised By :Jagrut Upadhyay 02/21/2023



#73

Carbazole

Concen: 37.357 ng

RT: 11.807 min Scan# 1525

Delta R.T. 0.006 min

Lab File: BF132474.D

Acq: 20 Feb 2023 11:56

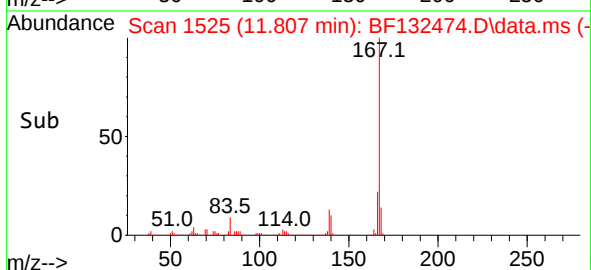
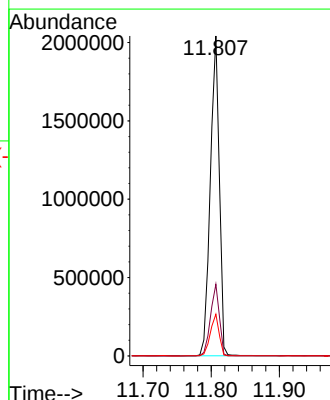
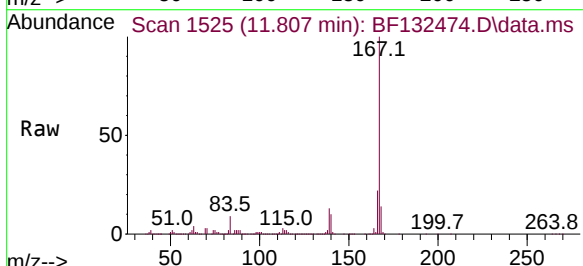
Tgt Ion:167 Resp: 1879754

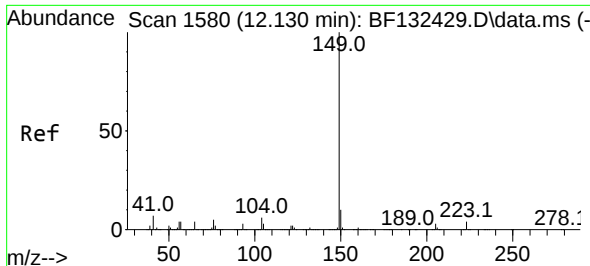
Ion Ratio Lower Upper

167 100

166 22.4 17.8 26.8

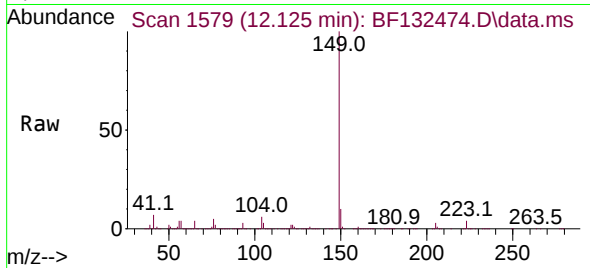
139 13.0 10.7 16.1





#74
Di-n-butylphthalate
Concen: 37.601 ng
RT: 12.125 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF132474.D
Acq: 20 Feb 2023 11:56

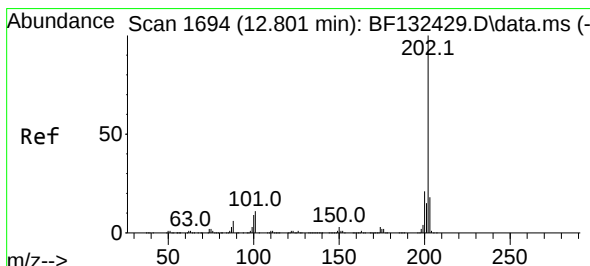
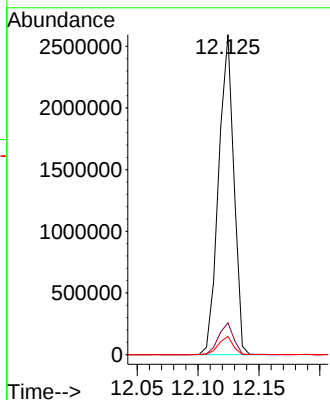
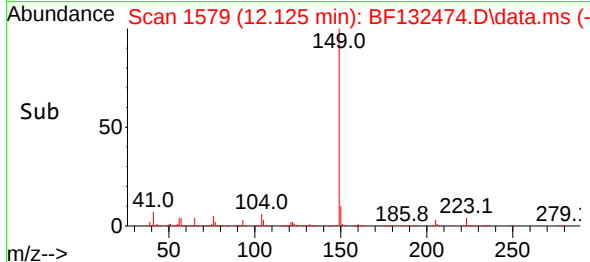
Instrument :
BNA_F
ClientSampleId :
PB150910BS



Tgt Ion:149 Resp: 2253642
Ion Ratio Lower Upper
149 100
150 9.9 7.6 11.4
104 5.7 4.5 6.7

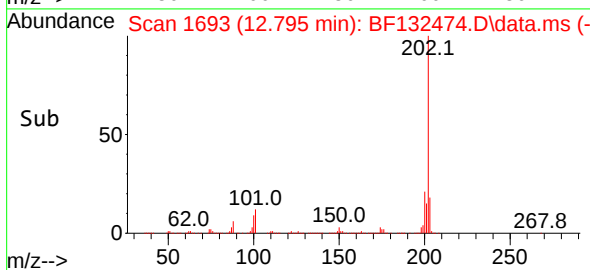
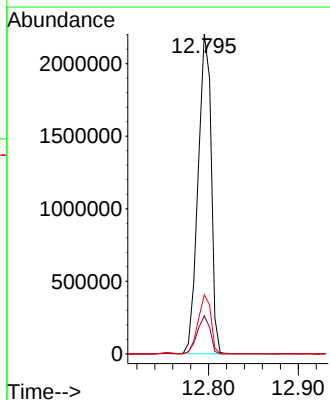
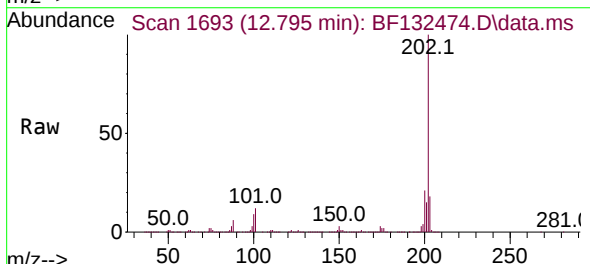
Manual Integrations
APPROVED

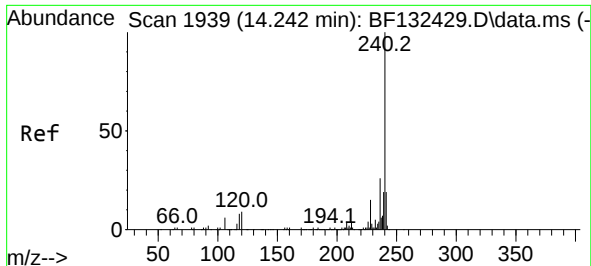
Reviewed By :Christian Giraldo 02/21/2023
Supervised By :Jagrut Upadhyay 02/21/2023



#75
Fluoranthene
Concen: 36.744 ng
RT: 12.795 min Scan# 1693
Delta R.T. 0.000 min
Lab File: BF132474.D
Acq: 20 Feb 2023 11:56

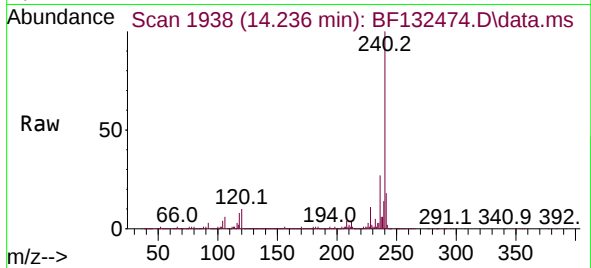
Tgt Ion:202 Resp: 2228262
Ion Ratio Lower Upper
202 100
101 11.9 0.0 31.3
203 18.5 0.0 37.8





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.236 min Scan# 1939
Delta R.T. 0.006 min
Lab File: BF132474.D
Acq: 20 Feb 2023 11:56

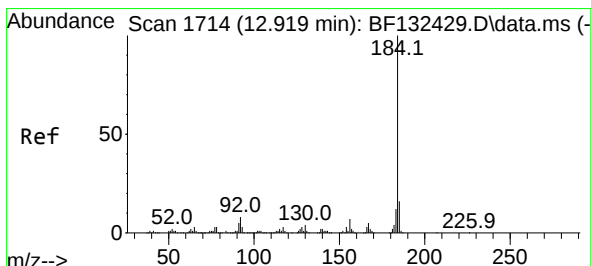
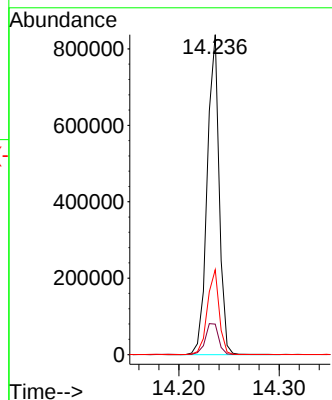
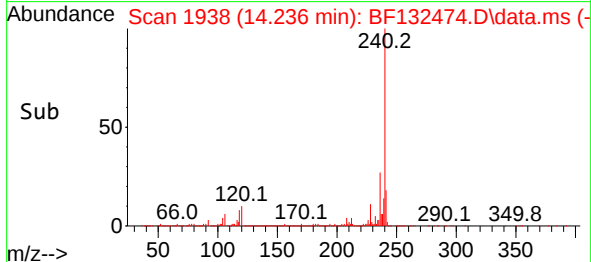
Instrument :
BNA_F
ClientSampleId :
PB150910BS



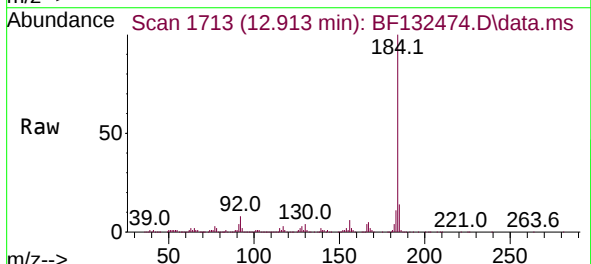
Tgt Ion:240 Resp: 689266
Ion Ratio Lower Upper
240 100
120 9.5 7.5 11.3
236 26.5 21.0 31.6

Manual Integrations
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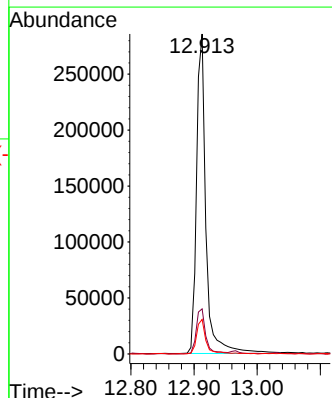
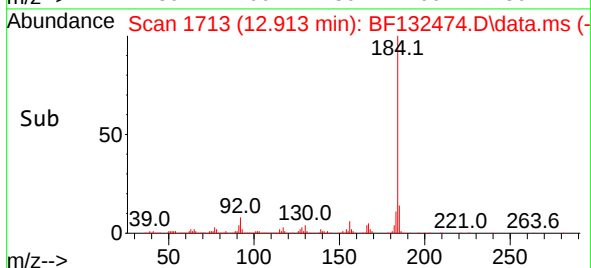
Reviewed By :Christian Giraldo 02/21/2023
Supervised By :Jagrut Upadhyay 02/21/2023

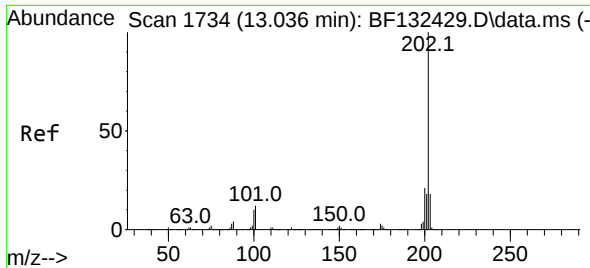


#77
Benzidine
Concen: 20.240 ng
RT: 12.913 min Scan# 1713
Delta R.T. 0.000 min
Lab File: BF132474.D
Acq: 20 Feb 2023 11:56



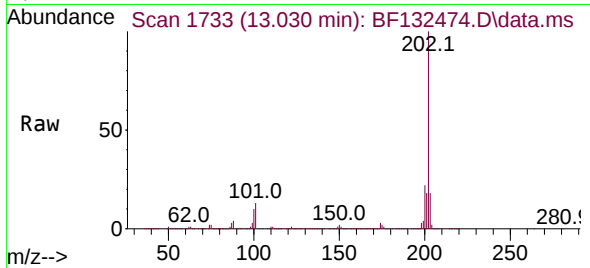
Tgt Ion:184 Resp: 297071
Ion Ratio Lower Upper
184 100
185 14.1 12.4 18.6
183 10.8 9.2 13.8





#78
Pyrene
Concen: 38.397 ng
RT: 13.030 min Scan# 1733
Delta R.T. 0.006 min
Lab File: BF132474.D
Acq: 20 Feb 2023 11:56

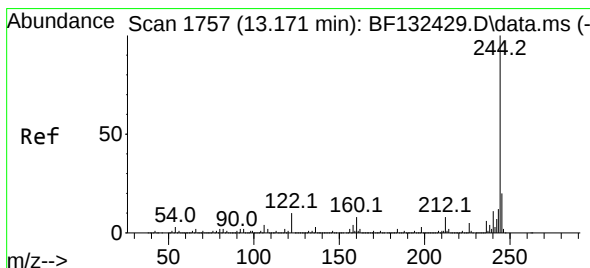
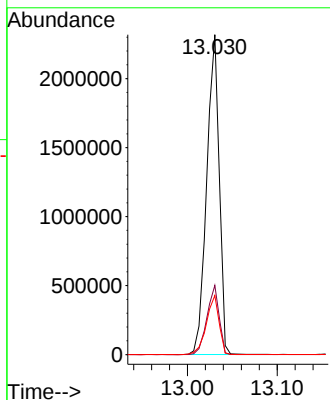
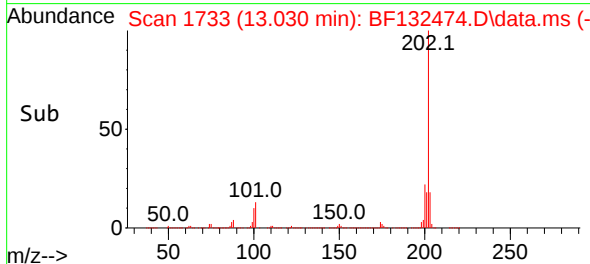
Instrument :
BNA_F
ClientSampleId :
PB150910BS



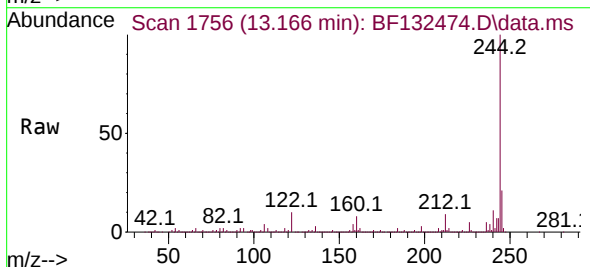
Tgt Ion:202 Resp: 2248243
Ion Ratio Lower Upper
202 100
200 21.6 16.6 25.0
203 18.5 14.3 21.5

Manual Integrations
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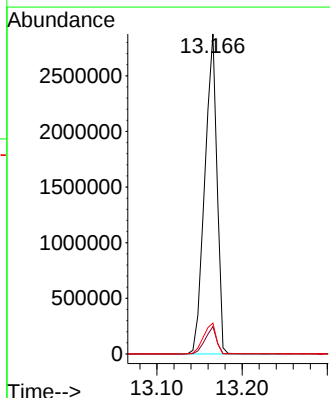
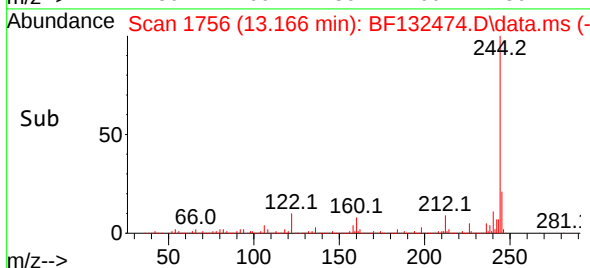
Reviewed By :Christian Giraldo 02/21/2023
Supervised By :Jagrut Upadhyay 02/21/2023

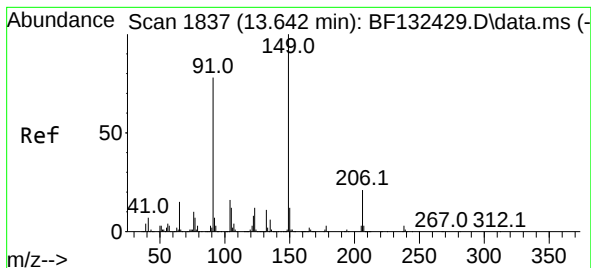


#79
Terphenyl-d14
Concen: 75.478 ng
RT: 13.166 min Scan# 1756
Delta R.T. 0.006 min
Lab File: BF132474.D
Acq: 20 Feb 2023 11:56



Tgt Ion:244 Resp: 2856611
Ion Ratio Lower Upper
244 100
212 8.5 6.7 10.1
122 9.6 7.7 11.5





#80
Butylbenzylphthalate
Concen: 42.568 ng
RT: 13.636 min Scan# 1837
Delta R.T. 0.006 min
Lab File: BF132474.D
Acq: 20 Feb 2023 11:56

Instrument :

BNA_F

ClientSampleId :

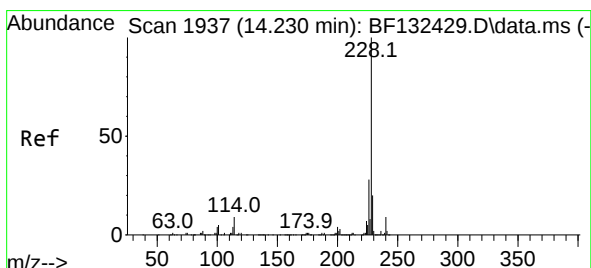
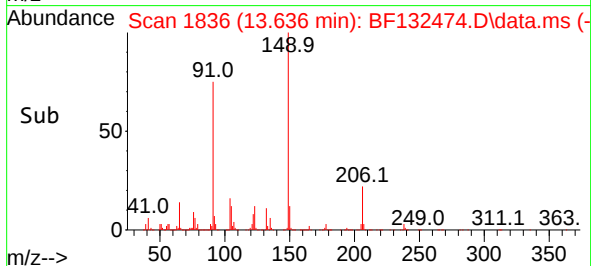
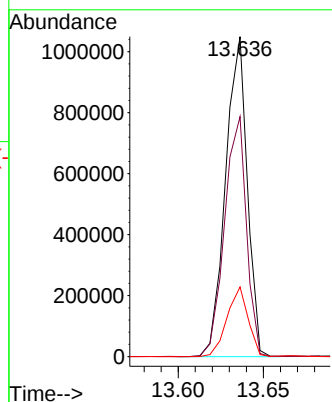
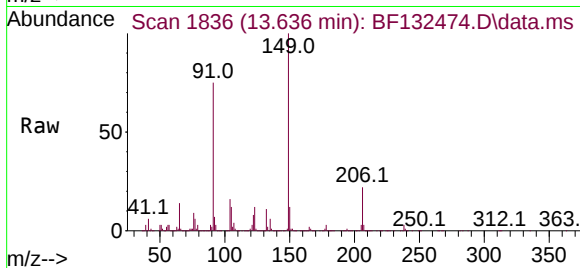
PB150910BS

Tgt Ion:149 Resp: 930073
Ion Ratio Lower Upper
149 100
91 75.0 62.8 94.2
206 21.8 16.9 25.3

Manual Integrations

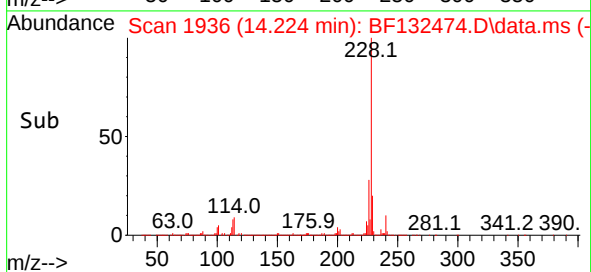
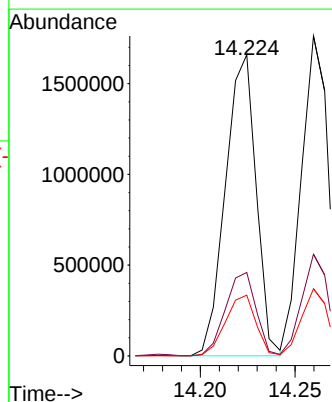
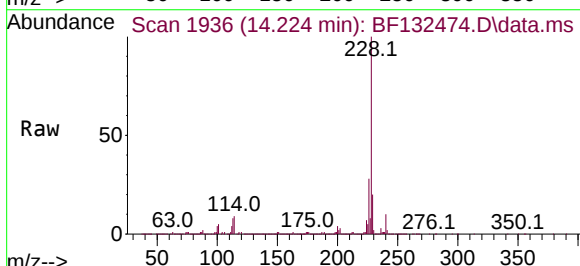
APPROVED

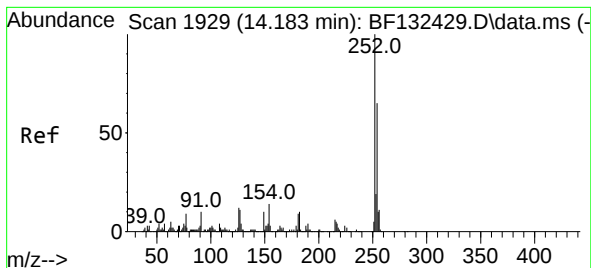
Reviewed By :Christian Giraldo 02/21/2023
Supervised By :Jagrut Upadhyay 02/21/2023



#81
Benzo(a)anthracene
Concen: 36.986 ng
RT: 14.224 min Scan# 1936
Delta R.T. 0.006 min
Lab File: BF132474.D
Acq: 20 Feb 2023 11:56

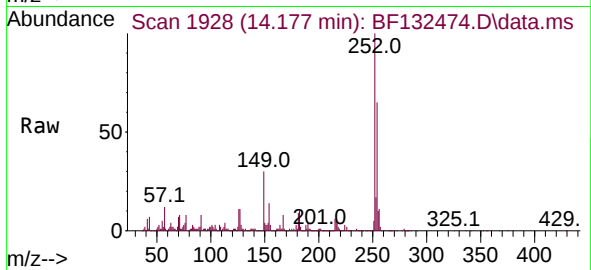
Tgt Ion:228 Resp: 1867161
Ion Ratio Lower Upper
228 100
226 27.7 22.6 34.0
229 20.2 16.2 24.4





#82
 3,3'-Dichlorobenzidine
 Concen: 33.426 ng
 RT: 14.177 min Scan# 1928
 Delta R.T. 0.000 min
 Lab File: BF132474.D
 Acq: 20 Feb 2023 11:56

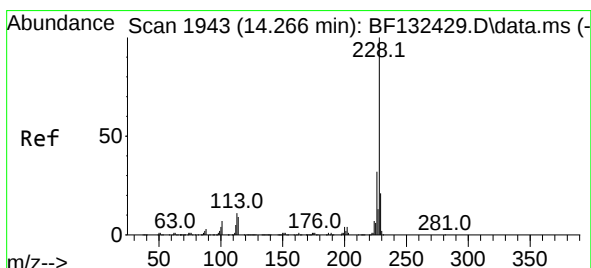
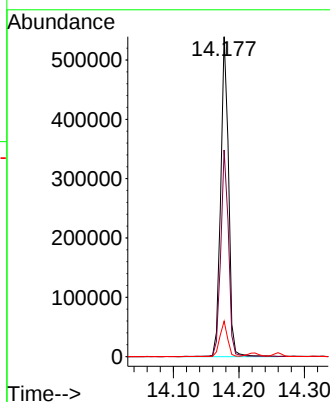
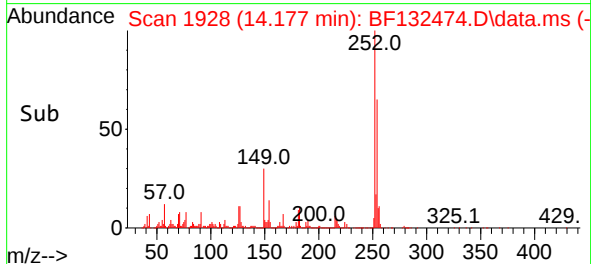
Instrument :
 BNA_F
 ClientSampleId :
 PB150910BS



Tgt Ion:252 Resp: 450713
 Ion Ratio Lower Upper
 252 100
 254 64.6 52.2 78.2
 126 11.1 9.6 14.4

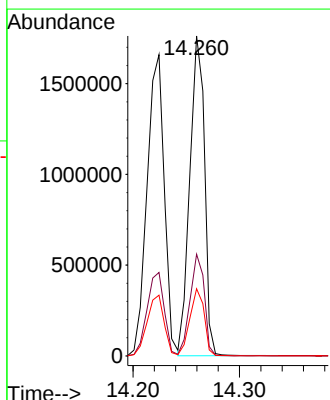
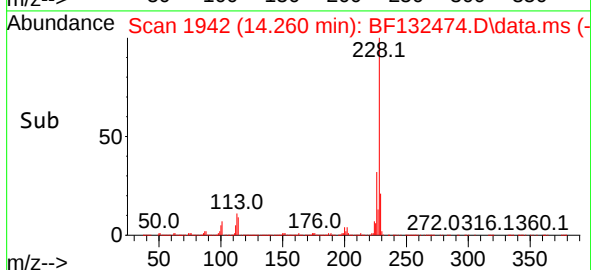
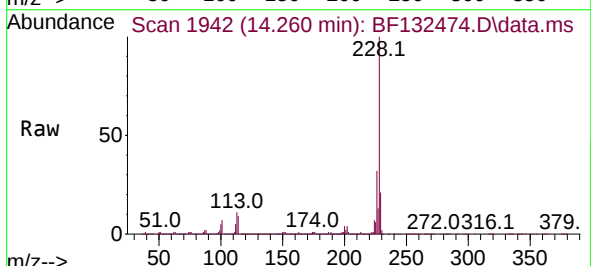
Manual Integrations
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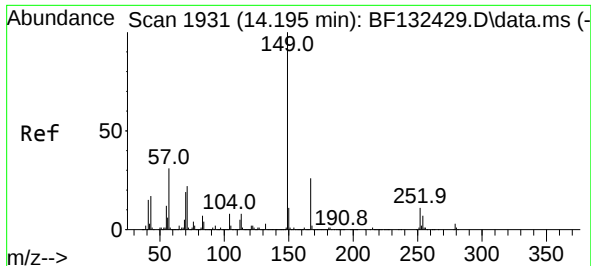
Reviewed By :Christian Giraldo 02/21/2023
 Supervised By :Jagrut Upadhyay 02/21/2023



#83
 Chrysene
 Concen: 35.078 ng
 RT: 14.260 min Scan# 1942
 Delta R.T. 0.000 min
 Lab File: BF132474.D
 Acq: 20 Feb 2023 11:56

Tgt Ion:228 Resp: 1691905
 Ion Ratio Lower Upper
 228 100
 226 31.8 25.4 38.2
 229 21.0 16.6 25.0





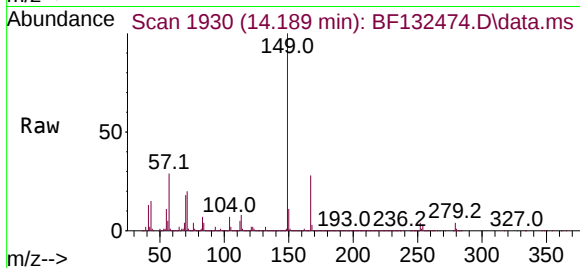
#84
Bis(2-ethylhexyl)phthalate
Concen: 40.020 ng
RT: 14.189 min Scan# 1931
Delta R.T. 0.000 min
Lab File: BF132474.D
Acq: 20 Feb 2023 11:56

Instrument :

BNA_F

ClientSampleId :

PB150910BS

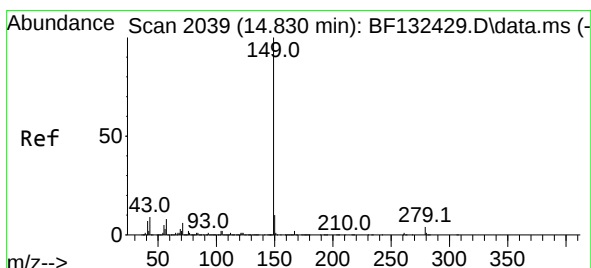
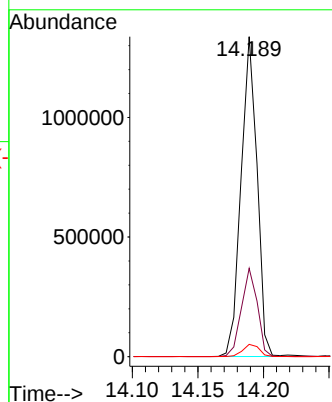
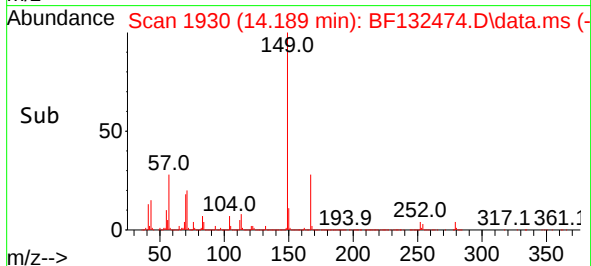


Tgt Ion:149 Resp: 1131925
Ion Ratio Lower Upper
149 100
167 27.6 21.0 31.6
279 3.8 2.5 3.7

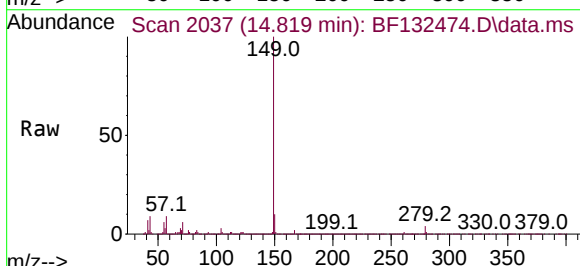
Manual Integrations

APPROVED

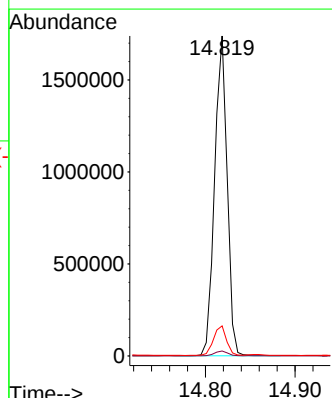
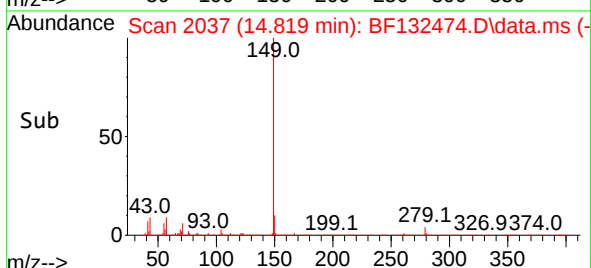
Reviewed By :Christian Giraldo 02/21/2023
Supervised By :Jagrut Upadhyay 02/21/2023

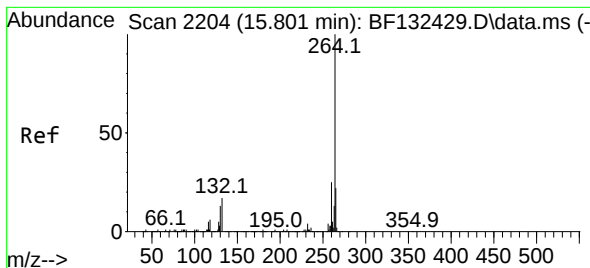


#85
Di-n-octyl phthalate
Concen: 41.396 ng
RT: 14.819 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BF132474.D
Acq: 20 Feb 2023 11:56



Tgt Ion:149 Resp: 1700111
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.5 8.0 12.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.795 min Scan# 2204
Delta R.T. 0.012 min
Lab File: BF132474.D
Acq: 20 Feb 2023 11:56

Instrument :

BNA_F

ClientSampleId :

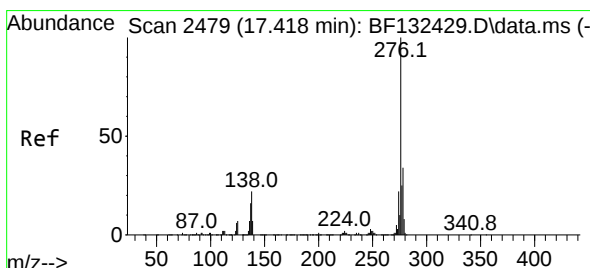
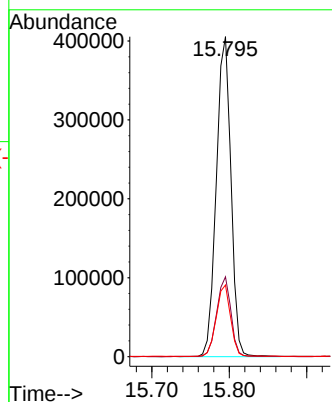
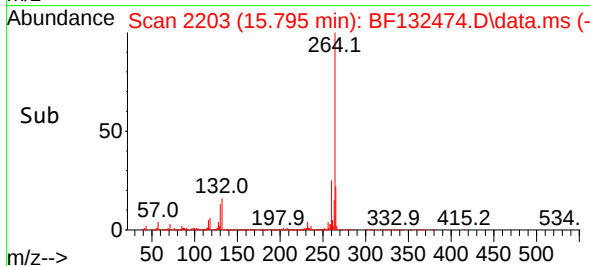
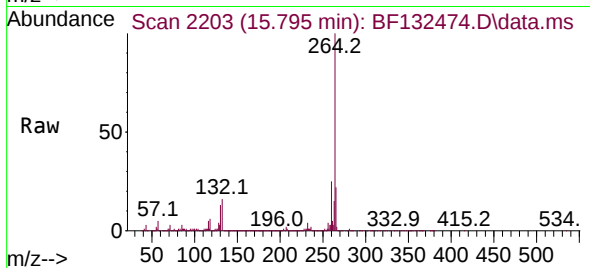
PB150910BS

Tgt Ion:264 Resp: 530956
Ion Ratio Lower Upper
264 100
260 24.9 20.0 30.0
265 22.4 17.2 25.8

Manual Integrations

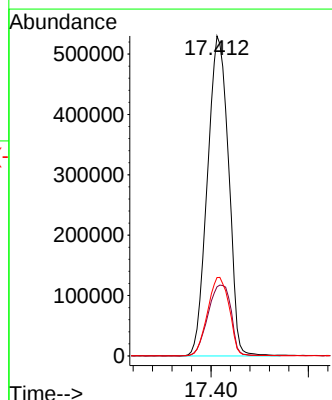
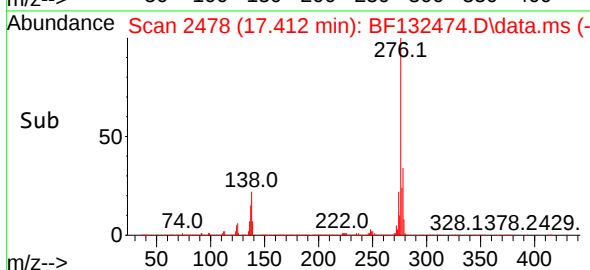
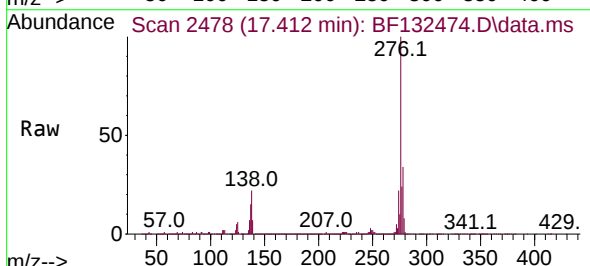
APPROVED

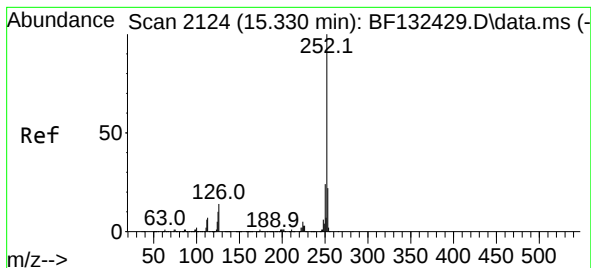
Reviewed By :Christian Giraldo 02/21/2023
Supervised By :Jagrut Upadhyay 02/21/2023



#87
Indeno(1,2,3-cd)pyrene
Concen: 46.973 ng
RT: 17.412 min Scan# 2478
Delta R.T. 0.012 min
Lab File: BF132474.D
Acq: 20 Feb 2023 11:56

Tgt Ion:276 Resp: 1594299
Ion Ratio Lower Upper
276 100
138 24.4 20.2 30.4
277 25.1 20.0 30.0





#88

Benzo(b)fluoranthene

Concen: 44.875 ng

RT: 15.324 min Scan# 2124

Delta R.T. 0.006 min

Lab File: BF132474.D

Acq: 20 Feb 2023 11:56

Instrument :

BNA_F

ClientSampleId :

PB150910BS

Tgt Ion:252 Resp: 1566860

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

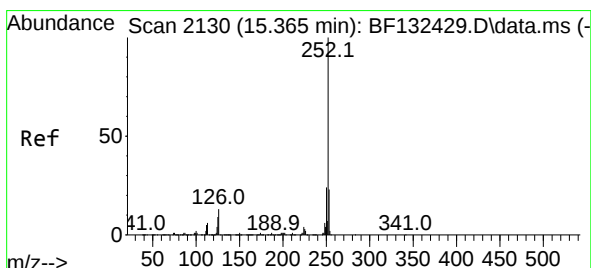
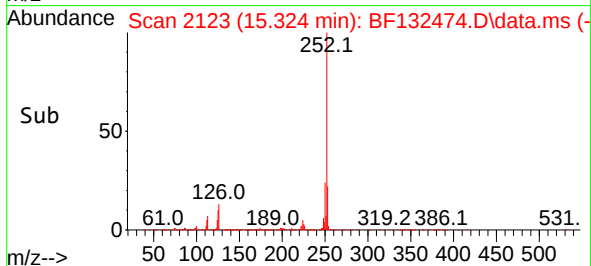
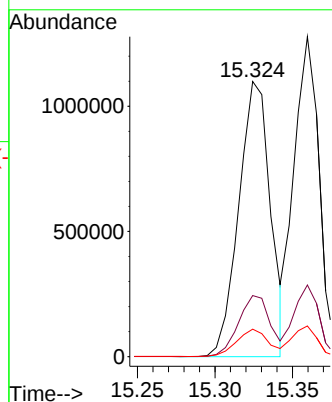
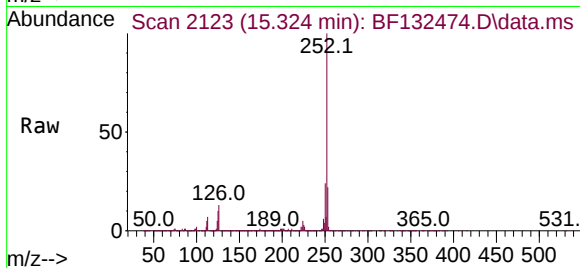
125 10.0 7.6 11.4

Manual Integrations

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Reviewed By :Christian Giraldo 02/21/2023

Supervised By :Jagrut Upadhyay 02/21/2023



#89

Benzo(k)fluoranthene

Concen: 41.064 ng

RT: 15.360 min Scan# 2129

Delta R.T. 0.006 min

Lab File: BF132474.D

Acq: 20 Feb 2023 11:56

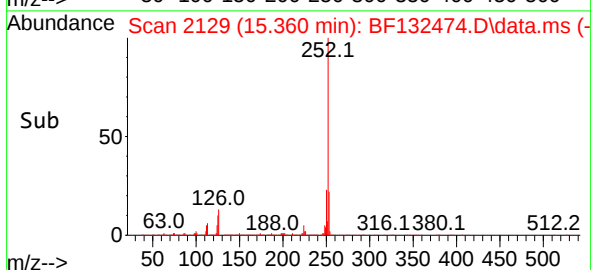
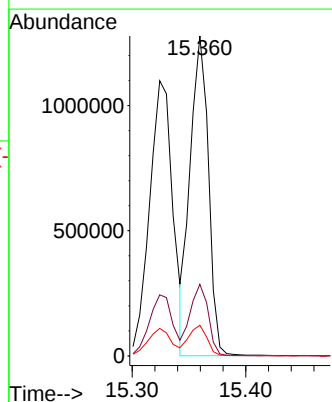
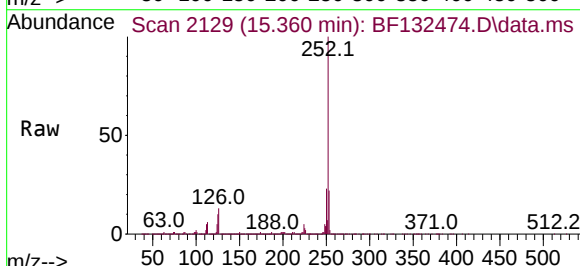
Tgt Ion:252 Resp: 1434828

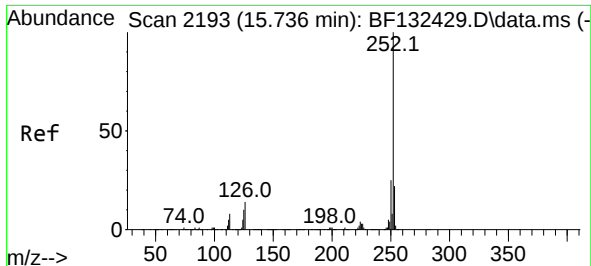
Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.2

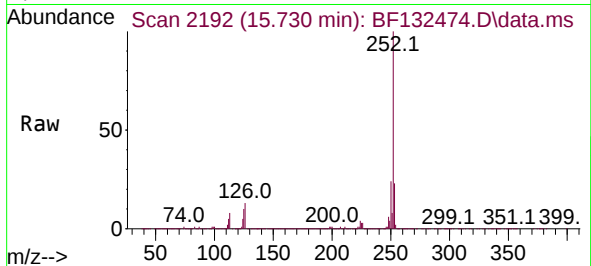
125 9.6 7.5 11.3





#90
Benzo(a)pyrene
Concen: 40.470 ng
RT: 15.730 min Scan# 2193
Delta R.T. 0.012 min
Lab File: BF132474.D
Acq: 20 Feb 2023 11:56

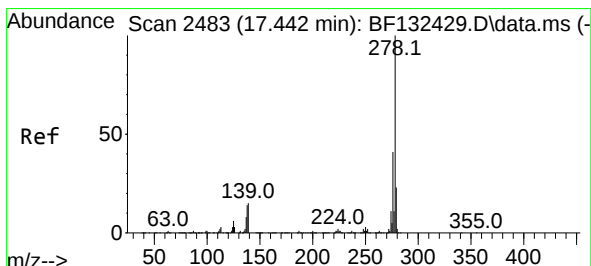
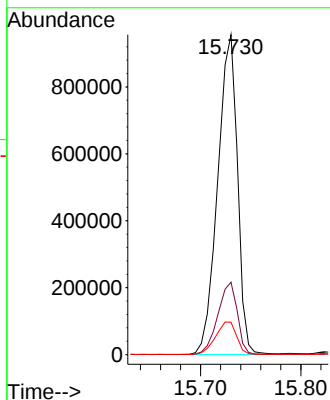
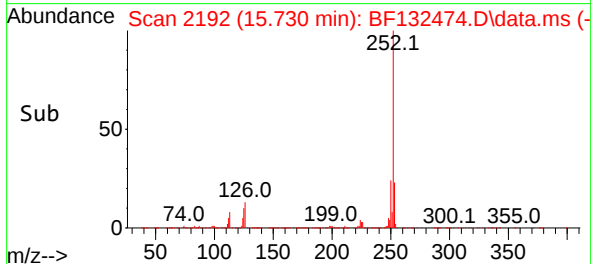
Instrument :
BNA_F
ClientSampleId :
PB150910BS



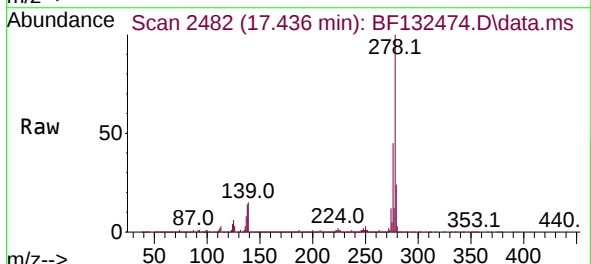
Tgt Ion:252 Resp: 1313203
Ion Ratio Lower Upper
252 100
253 22.6 17.6 26.4
125 10.2 8.2 12.4

Manual Integrations
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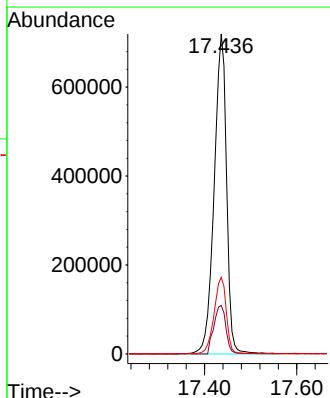
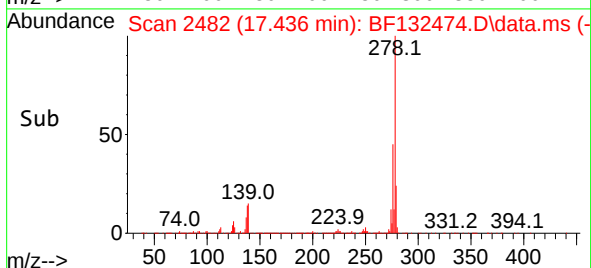
Reviewed By :Christian Giraldo 02/21/2023
Supervised By :Jagrut Upadhyay 02/21/2023

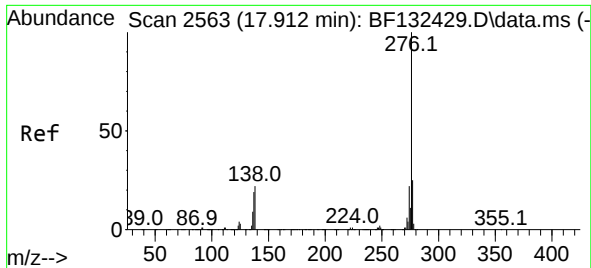


#91
Dibenzo(a,h)anthracene
Concen: 47.949 ng
RT: 17.436 min Scan# 2482
Delta R.T. 0.018 min
Lab File: BF132474.D
Acq: 20 Feb 2023 11:56



Tgt Ion:278 Resp: 1340403
Ion Ratio Lower Upper
278 100
139 15.1 12.2 18.2
279 23.9 18.8 28.2





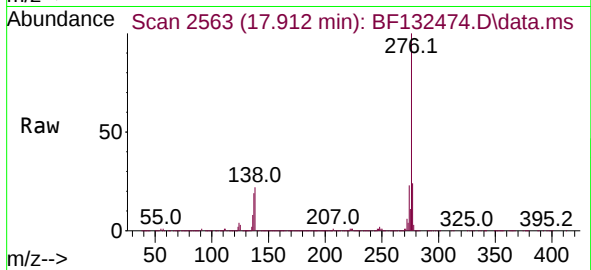
#92
 Benzo(g,h,i)perylene
 Concen: 48.562 ng
 RT: 17.912 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: BF132474.D
 Acq: 20 Feb 2023 11:56

Instrument :

BNA_F

ClientSampleId :

PB150910BS



Tgt Ion:276 Resp: 1394155
 Ion Ratio Lower Upper
 276 100
 277 23.9 19.6 29.4
 138 21.7 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/21/2023
 Supervised By :Jagrut Upadhyay 02/21/2023

