

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031723\
 Data File : BF132826.D
 Acq On : 17 Mar 2023 16:43
 Operator : CG\JU
 Sample : PB151494BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB151494BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/20/2023
 Supervised By : Jagrut Upadhyay 03/20/2023

Quant Time: Mar 17 23:26:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 17 03:35:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	216356	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	841118	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	425580	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	810443	20.000	ng	0.00
76) Chrysene-d12	14.157	240	542783	20.000	ng	0.00
86) Perylene-d12	15.680	264	491646	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.610	112	1524953	118.934	ng	0.02
7) Phenol-d6	6.604	99	1853983	111.401	ng	0.00
23) Nitrobenzene-d5	7.534	82	1242008	75.566	ng	0.00
42) 2,4,6-Tribromophenol	10.804	330	552989	122.233	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	2039558	78.724	ng	0.00
79) Terphenyl-d14	13.086	244	2472835	82.265	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.952	88	282515	39.094	ng	100
3) Pyridine	3.693	79	709143	39.876	ng	98
4) n-Nitrosodimethylamine	3.669	42	294806	44.653	ng	100
6) Aniline	6.634	93	615949	32.220	ng	99
8) 2-Chlorophenol	6.751	128	642538	46.962	ng	98
9) Benzaldehyde	6.516	77	256459	37.447	ng	98
10) Phenol	6.616	94	768588	40.653	ng	97
11) bis(2-Chloroethyl)ether	6.698	93	732898	41.916	ng	99
12) 1,3-Dichlorobenzene	6.904	146	651856	43.959	ng	100
13) 1,4-Dichlorobenzene	6.981	146	683368	46.173	ng	100
14) 1,2-Dichlorobenzene	7.134	146	624240	46.225	ng	99
15) Benzyl Alcohol	7.110	79	552241	57.372	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.234	45	716403	42.110	ng	85
17) 2-Methylphenol	7.222	107	524975	42.222	ng	# 93
18) Hexachloroethane	7.469	117	257821	45.521	ng	96
19) n-Nitroso-di-n-propyla...	7.381	70	391413	41.220	ng	97
20) 3+4-Methylphenols	7.375	107	590643	39.452	ng	# 84
22) Acetophenone	7.369	105	795834	39.628	ng	# 96
24) Nitrobenzene	7.551	77	705028	39.676	ng	99
25) Isophorone	7.787	82	1350650	41.802	ng	100
26) 2-Nitrophenol	7.863	139	364512	44.039	ng	98
27) 2,4-Dimethylphenol	7.898	122	555800	43.342	ng	98
28) bis(2-Chloroethoxy)met...	7.987	93	818293	42.165	ng	100
29) 2,4-Dichlorophenol	8.110	162	599288	45.139	ng	99
30) 1,2,4-Trichlorobenzene	8.187	180	604404	42.563	ng	99
31) Naphthalene	8.269	128	1704913	40.404	ng	100
32) Benzoic acid	8.051	122	414051	51.328	ng	95
33) 4-Chloroaniline	8.340	127	210504	11.443	ng	99
34) Hexachlorobutadiene	8.375	225	379871	42.163	ng	98
35) Caprolactam	8.704	113	198114m	48.673	ng	
36) 4-Chloro-3-methylphenol	8.810	107	607980	45.026	ng	100
37) 2-Methylnaphthalene	8.957	142	1126651	39.815	ng	100
38) 1-Methylnaphthalene	9.057	142	1048046	39.336	ng	99
40) 1,2,4,5-Tetrachloroben...	9.128	216	608903	43.615	ng	98
41) Hexachlorocyclopentadiene	9.110	237	692798	101.536	ng	99
43) 2,4,6-Trichlorophenol	9.245	196	417236	45.899	ng	99

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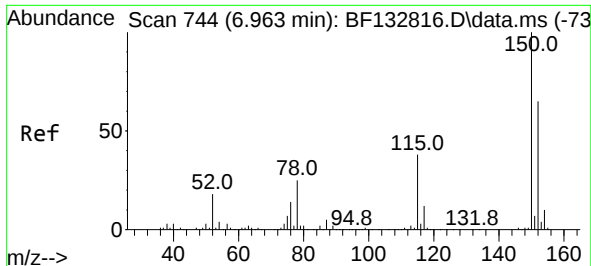
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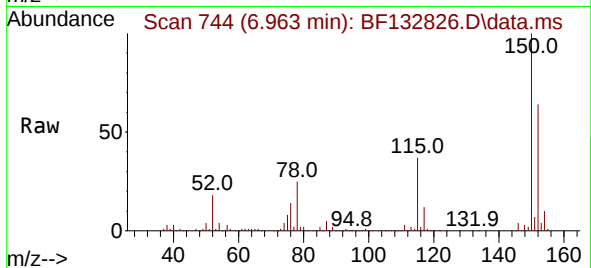
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.292	196	461144	43.571	ng	99
46) 1,1'-Biphenyl	9.428	154	1353287	42.863	ng	98
47) 2-Chloronaphthalene	9.451	162	1113820	44.553	ng	99
48) 2-Nitroaniline	9.557	65	373398	45.480	ng	96
49) Acenaphthylene	9.869	152	1602928	41.723	ng	99
50) Dimethylphthalate	9.728	163	1328317	43.533	ng	99
51) 2,6-Dinitrotoluene	9.792	165	305866	45.334	ng	92
52) Acenaphthene	10.039	154	947321	40.964	ng	99
53) 3-Nitroaniline	9.969	138	236457	31.352	ng	97
54) 2,4-Dinitrophenol	10.081	184	339139	87.750	ng	97
55) Dibenzofuran	10.216	168	1469664	41.343	ng	100
56) 4-Nitrophenol	10.139	139	431353	95.929	ng	89
57) 2,4-Dinitrotoluene	10.204	165	384364	44.598	ng	99
58) Fluorene	10.557	166	1164890	41.209	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.334	232	364746	47.553	ng	99
60) Diethylphthalate	10.428	149	1233140	42.646	ng	99
61) 4-Chlorophenyl-phenyle...	10.545	204	608318	40.996	ng	96
62) 4-Nitroaniline	10.592	138	311796	47.279	ng	98
63) Azobenzene	10.704	77	1245669	42.136	ng	99
65) 4,6-Dinitro-2-methylph...	10.616	198	228452	45.993	ng	98
66) n-Nitrosodiphenylamine	10.669	169	1037311	41.415	ng	100
67) 4-Bromophenyl-phenylether	11.039	248	388830	41.498	ng	93
68) Hexachlorobenzene	11.110	284	443487	44.695	ng	95
69) Atrazine	11.192	200	351664	48.754	ng	99
70) Pentachlorophenol	11.310	266	389079	92.418	ng	99
71) Phenanthrene	11.528	178	1667463	40.876	ng	99
72) Anthracene	11.580	178	1699213	40.662	ng	100
73) Carbazole	11.733	167	1550196	41.316	ng	99
74) Di-n-butylphthalate	12.051	149	1885103	42.172	ng	99
75) Fluoranthene	12.722	202	1858718	41.869	ng	97
77) Benzidine	12.839	184	562775	166.487	ng	98
78) Pyrene	12.951	202	1895460	42.017	ng	100
80) Butylbenzylphthalate	13.557	149	783158	42.436	ng	94
81) Benzo(a)anthracene	14.145	228	1685817	42.909	ng	99
82) 3,3'-Dichlorobenzidine	14.098	252	364278	35.719	ng	98
83) Chrysene	14.186	228	1576835	42.473	ng	99
84) Bis(2-ethylhexyl)phtha...	14.110	149	1050076	45.249	ng	# 98
85) Di-n-octyl phthalate	14.727	149	1739220	47.840	ng	100
87) Indeno(1,2,3-cd)pyrene	17.257	276	1384061	44.909	ng	99
88) Benzo(b)fluoranthene	15.227	252	1500041	46.774	ng	99
89) Benzo(k)fluoranthene	15.263	252	1252241	39.957	ng	98
90) Benzo(a)pyrene	15.616	252	1249793	41.803	ng	99
91) Dibenzo(a,h)anthracene	17.274	278	1125721	44.759	ng	98
92) Benzo(g,h,i)perylene	17.739	276	1193266	45.407	ng	98

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: BF132826.D
 Acq: 17 Mar 2023 16:43

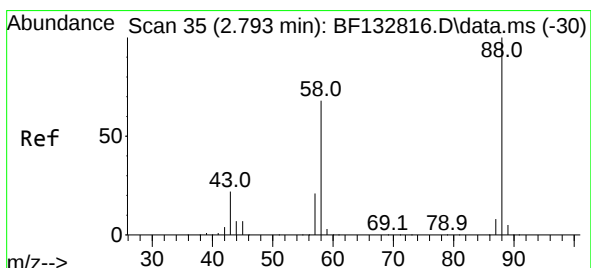
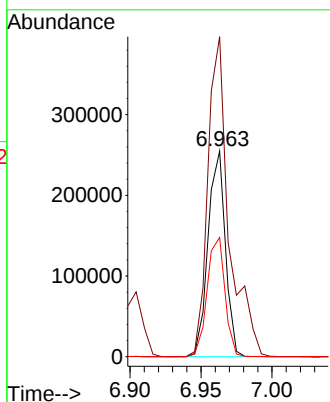
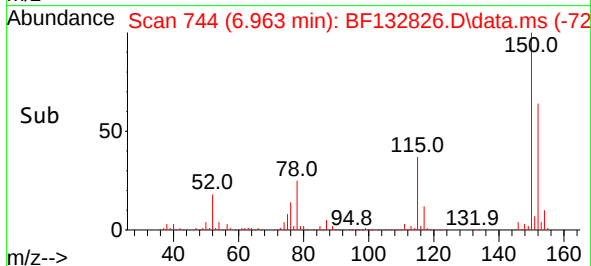
Instrument :
 BNA_F
 ClientSampleId :
 PB151494BS



Tgt Ion:152 Resp: 216350
 Ion Ratio Lower Upper
 152 100
 150 155.6 122.7 184.1
 115 58.0 46.2 69.4

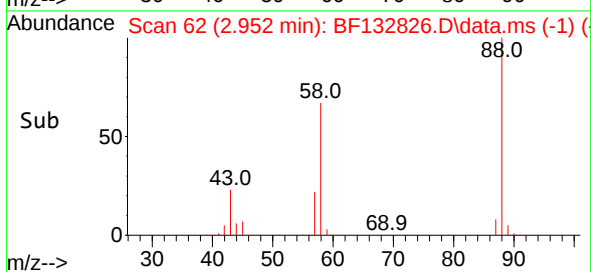
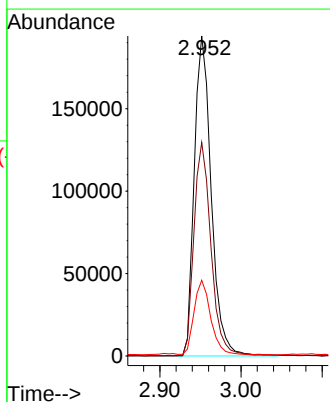
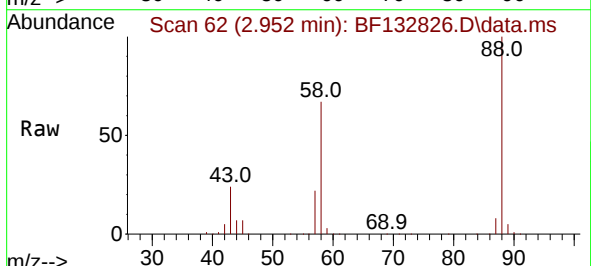
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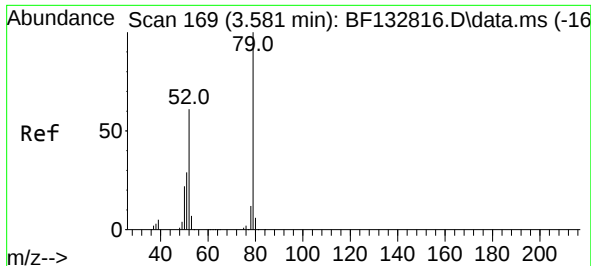
Reviewed By :Christian Giraldo 03/20/2023
 Supervised By :Jagrut Upadhyay 03/20/2023



#2
 1,4-Dioxane
 Concen: 39.094 ng
 RT: 2.952 min Scan# 62
 Delta R.T. 0.159 min
 Lab File: BF132826.D
 Acq: 17 Mar 2023 16:43

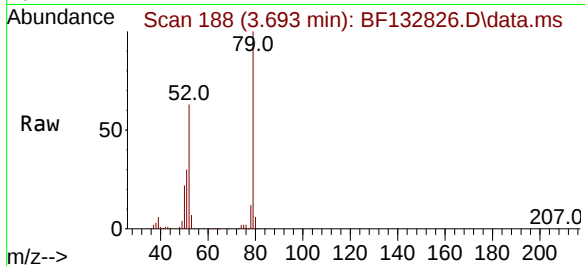
Tgt Ion: 88 Resp: 282515
 Ion Ratio Lower Upper
 88 100
 58 67.7 53.8 80.8
 43 22.6 18.2 27.4





#3
Pyridine
Concen: 39.876 ng
RT: 3.693 min Scan# 184
Delta R.T. 0.112 min
Lab File: BF132826.D
Acq: 17 Mar 2023 16:43

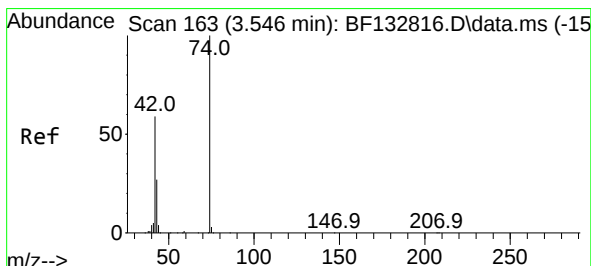
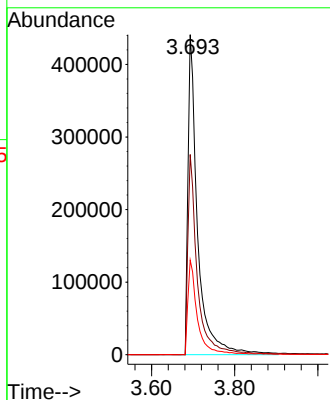
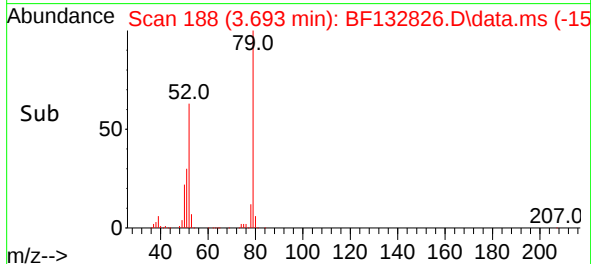
Instrument :
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PB151494BS



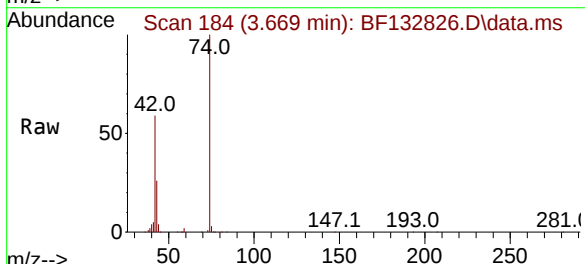
Tgt Ion: 79 Resp: 70914
Ion Ratio Lower Upper
79 100
52 62.5 48.5 72.7
51 29.5 23.1 34.7

Manual Integrations
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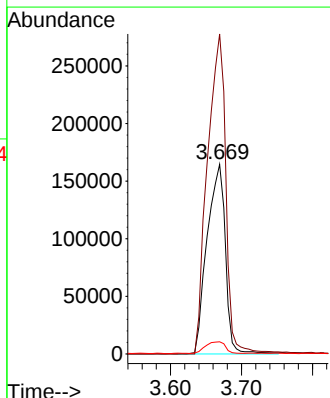
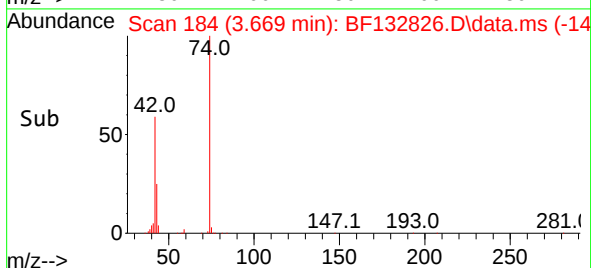
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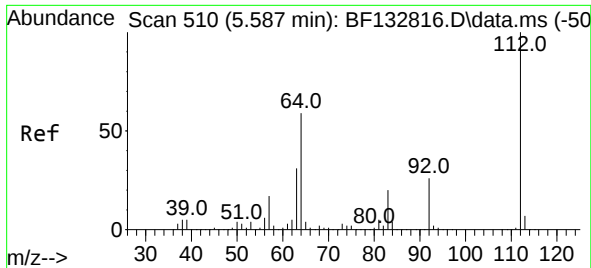


#4
n-Nitrosodimethylamine
Concen: 44.653 ng
RT: 3.669 min Scan# 184
Delta R.T. 0.124 min
Lab File: BF132826.D
Acq: 17 Mar 2023 16:43



Tgt Ion: 42 Resp: 294806
Ion Ratio Lower Upper
42 100
74 168.7 135.2 202.8
44 6.4 6.0 9.0





#5
2-Fluorophenol
Concen: 118.934 ng
RT: 5.610 min Scan# 510
Delta R.T. 0.024 min
Lab File: BF132826.D
Acq: 17 Mar 2023 16:43

Instrument :

BNA_F

ClientSampleId :

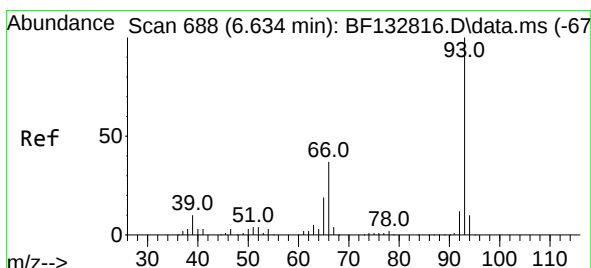
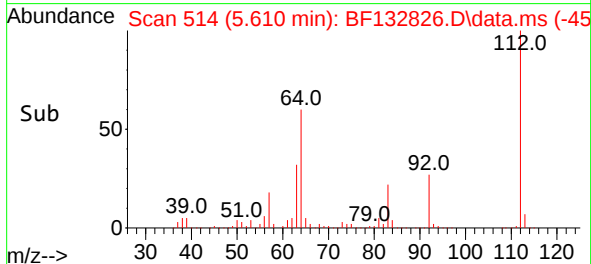
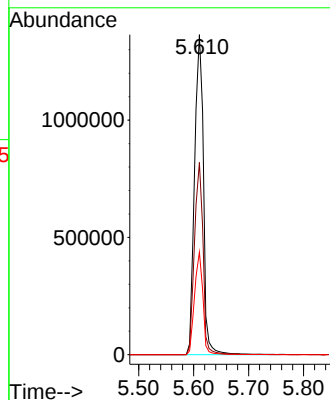
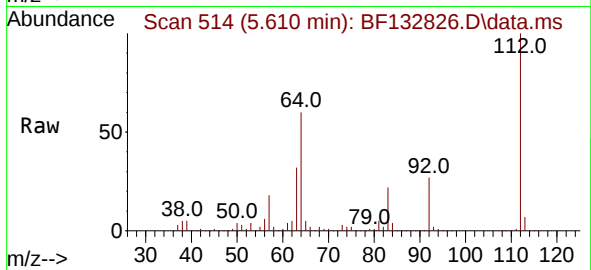
PB151494BS

Tgt Ion:112 Resp: 152495
Ion Ratio Lower Upper
112 100
64 60.0 47.1 70.7
63 32.0 24.4 36.6

Manual Integrations

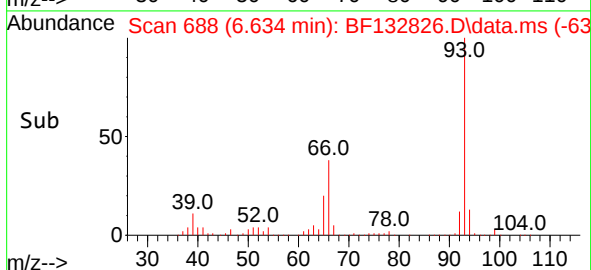
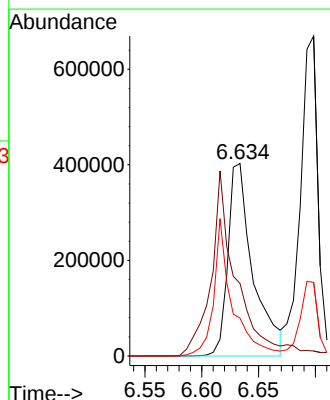
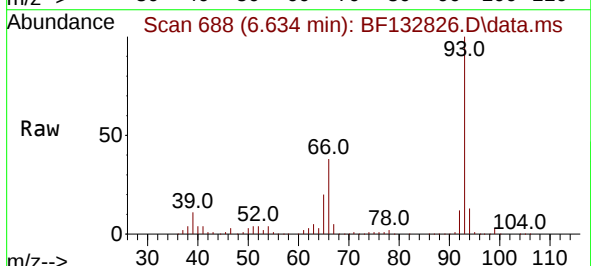
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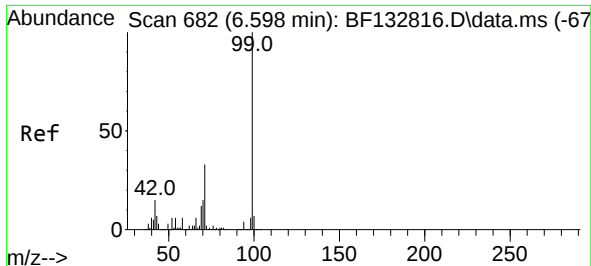
Reviewed By :Christian Giraldo 03/20/2023
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#6
Aniline
Concen: 32.220 ng
RT: 6.634 min Scan# 688
Delta R.T. 0.000 min
Lab File: BF132826.D
Acq: 17 Mar 2023 16:43

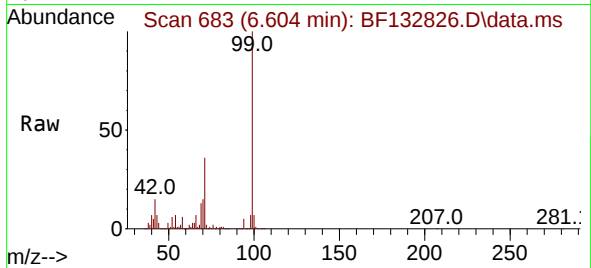
Tgt Ion: 93 Resp: 615949
Ion Ratio Lower Upper
93 100
66 37.7 30.1 45.1
65 19.6 15.0 22.6





#7
Phenol-d6
Concen: 111.401 ng
RT: 6.604 min Scan# 683
Delta R.T. 0.006 min
Lab File: BF132826.D
Acq: 17 Mar 2023 16:43

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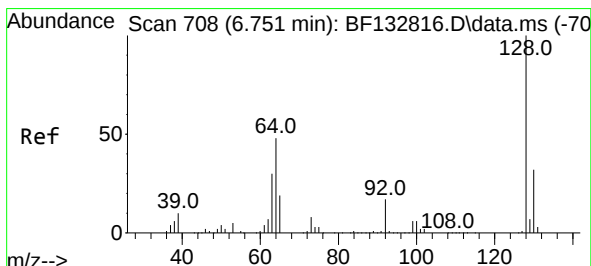
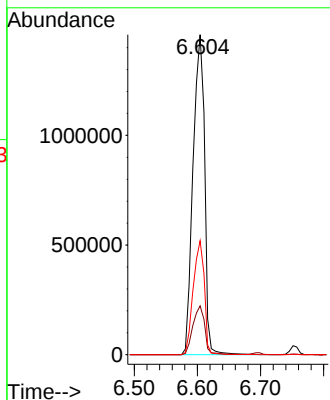
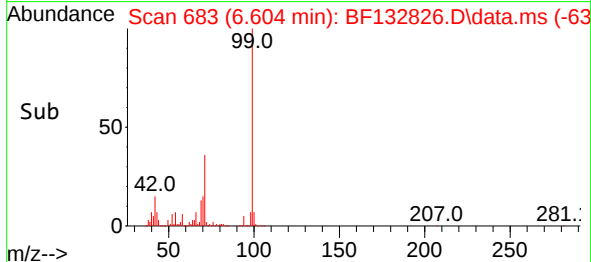


Tgt Ion: 99 Resp: 185398

Ion	Ratio	Lower	Upper
99	100		
42	15.3	11.9	17.9
71	35.6	26.3	39.5

Manual Integrations
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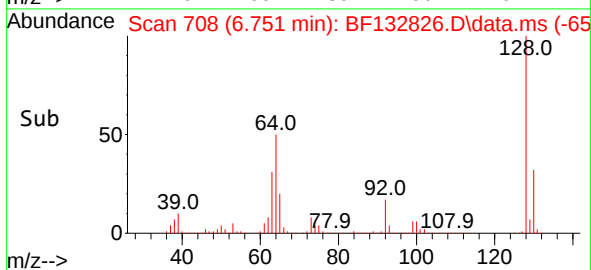
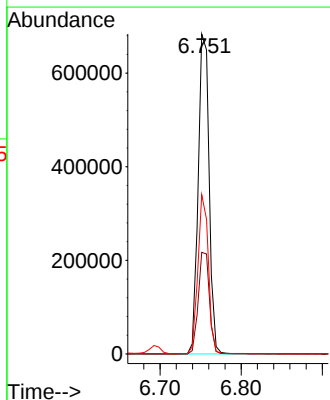
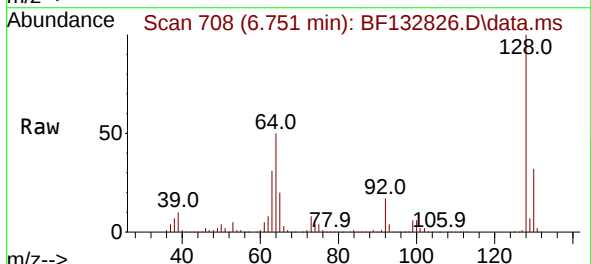
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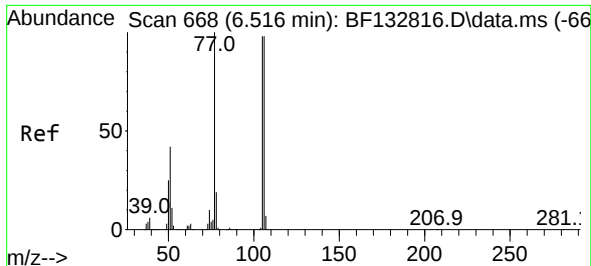


#8
2-Chlorophenol
Concen: 46.962 ng
RT: 6.751 min Scan# 708
Delta R.T. 0.000 min
Lab File: BF132826.D
Acq: 17 Mar 2023 16:43

Tgt Ion:128 Resp: 642538

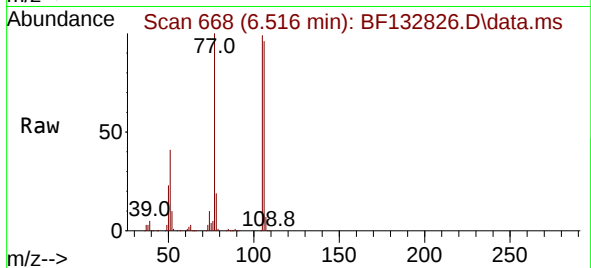
Ion	Ratio	Lower	Upper
128	100		
130	31.7	12.4	52.4
64	49.8	28.4	68.4





#9
Benzaldehyde
Concen: 37.447 ng
RT: 6.516 min Scan# 60
Delta R.T. 0.000 min
Lab File: BF132826.D
Acq: 17 Mar 2023 16:43

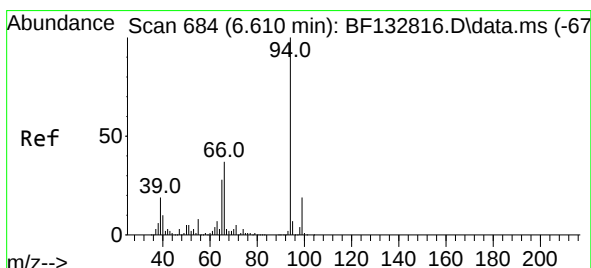
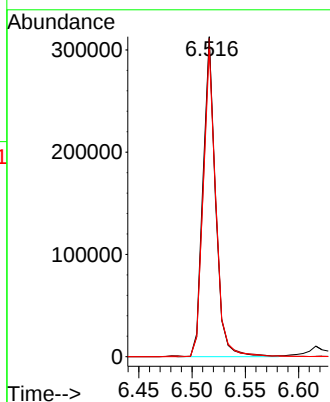
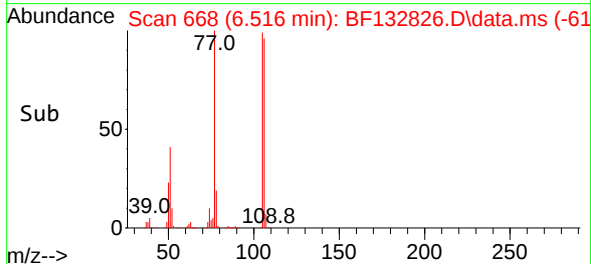
Instrument :
BNA_F
ClientSampleId :
PB151494BS



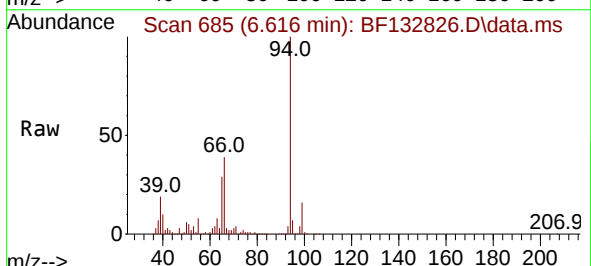
Tgt Ion: 77 Resp: 256458
Ion Ratio Lower Upper
77 100
105 99.5 77.5 117.5
106 96.1 78.5 118.5

Manual Integrations
APPROVED

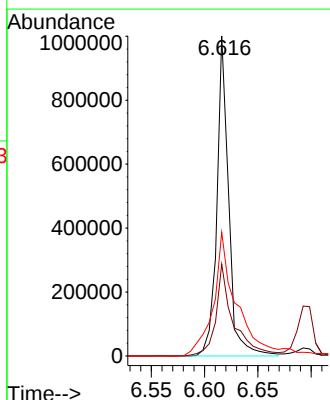
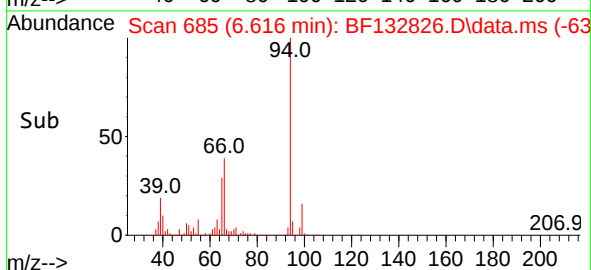
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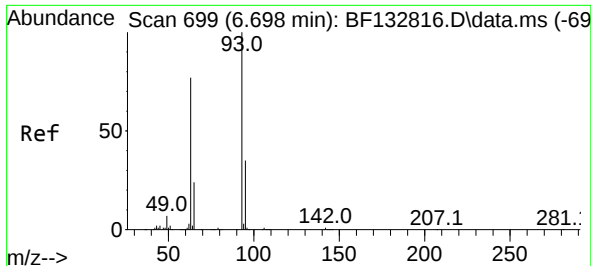


#10
Phenol
Concen: 40.653 ng
RT: 6.616 min Scan# 685
Delta R.T. 0.006 min
Lab File: BF132826.D
Acq: 17 Mar 2023 16:43



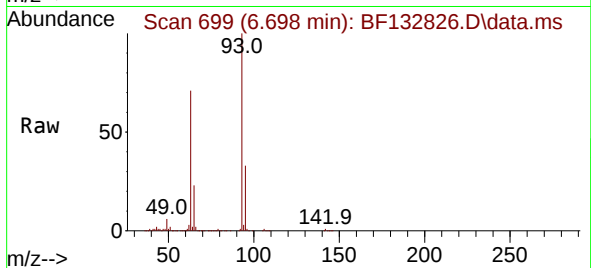
Tgt Ion: 94 Resp: 768588
Ion Ratio Lower Upper
94 100
65 28.7 7.7 47.7
66 38.6 16.5 56.5





#11
bis(2-Chloroethyl)ether
Concen: 41.916 ng
RT: 6.698 min Scan# 699
Delta R.T. 0.000 min
Lab File: BF132826.D
Acq: 17 Mar 2023 16:43

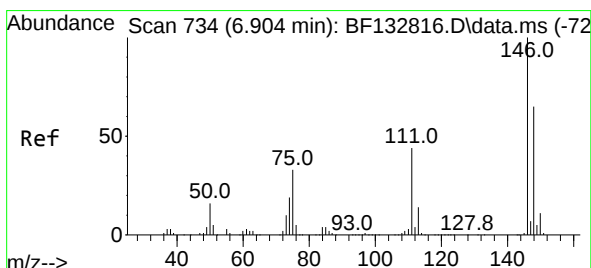
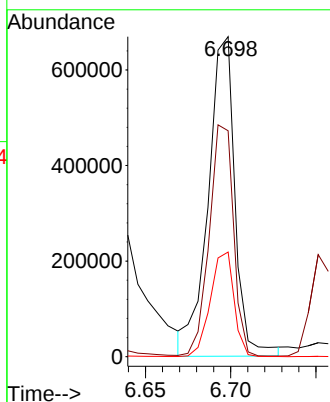
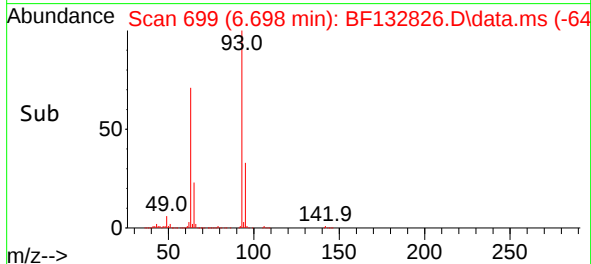
Instrument :
BNA_F
Client Sample Id :
PB151494BS



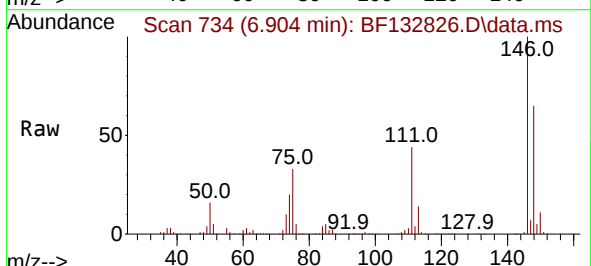
Tgt Ion: 93 Resp: 732898
Ion Ratio Lower Upper
93 100
63 70.6 50.5 90.5
95 32.7 11.8 51.8

Manual Integrations
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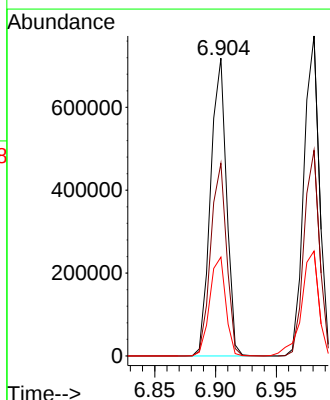
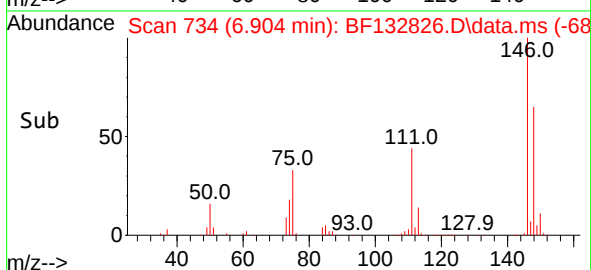
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023

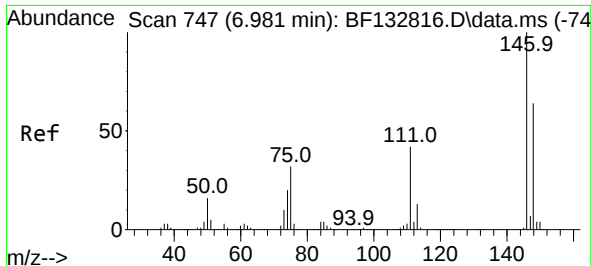


#12
1,3-Dichlorobenzene
Concen: 43.959 ng
RT: 6.904 min Scan# 734
Delta R.T. 0.000 min
Lab File: BF132826.D
Acq: 17 Mar 2023 16:43



Tgt Ion:146 Resp: 651856
Ion Ratio Lower Upper
146 100
148 64.7 51.8 77.8
75 33.2 26.4 39.6





#13

1,4-Dichlorobenzene

Concen: 46.173 ng

RT: 6.981 min Scan# 747

Delta R.T. 0.000 min

Lab File: BF132826.D

Acq: 17 Mar 2023 16:43

Instrument :

BNA_F

ClientSampleId :

PB151494BS

Tgt Ion:146 Resp: 68336

Ion Ratio Lower Upper

146 100

148 64.3 51.2 76.8

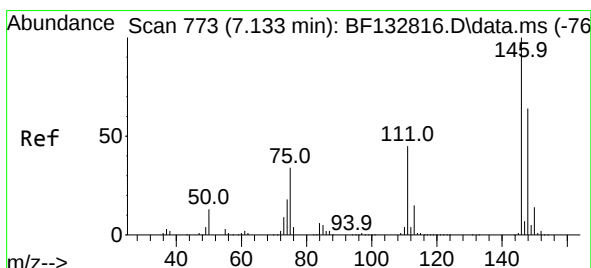
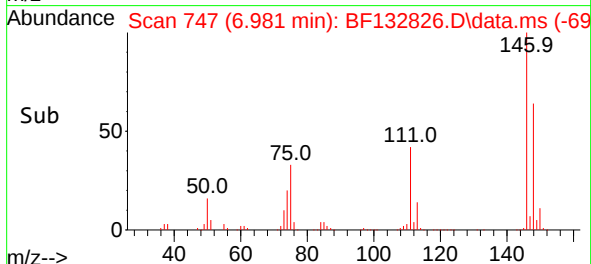
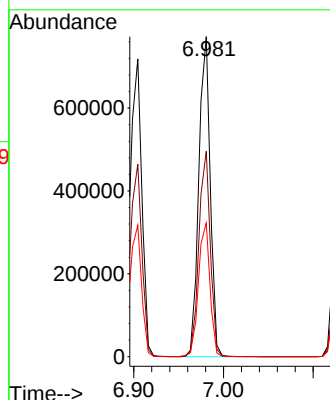
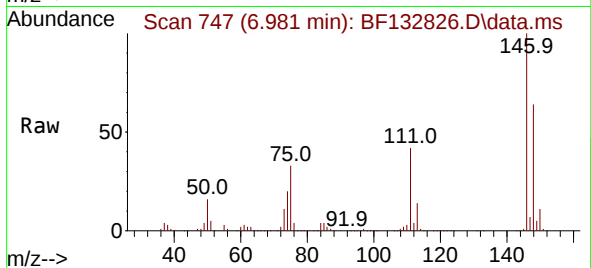
111 41.8 33.8 50.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/20/2023

Supervised By :Jagrut Upadhyay 03/20/2023



#14

1,2-Dichlorobenzene

Concen: 46.225 ng

RT: 7.134 min Scan# 773

Delta R.T. 0.000 min

Lab File: BF132826.D

Acq: 17 Mar 2023 16:43

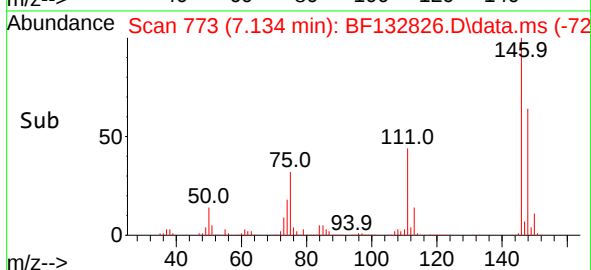
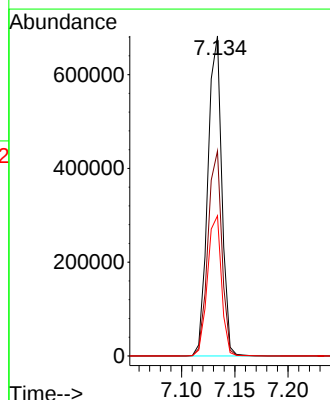
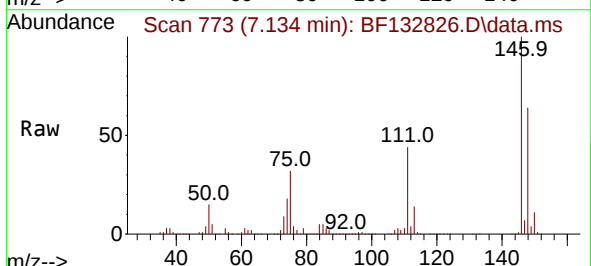
Tgt Ion:146 Resp: 624240

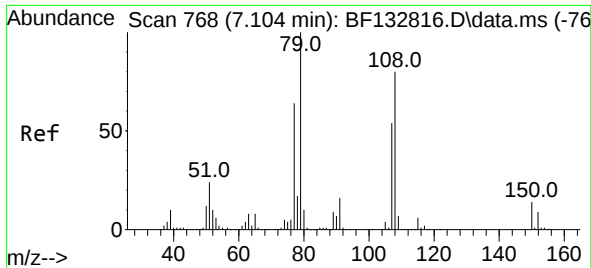
Ion Ratio Lower Upper

146 100

148 64.1 50.9 76.3

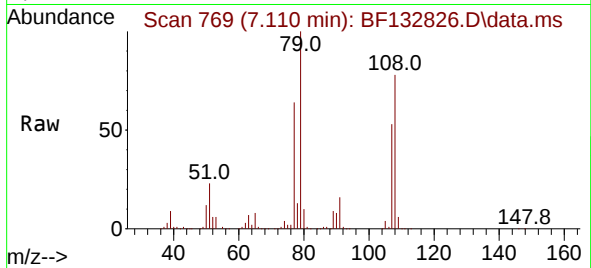
111 43.8 35.8 53.8





#15
Benzyl Alcohol
Concen: 57.372 ng
RT: 7.110 min Scan# 70
Delta R.T. 0.006 min
Lab File: BF132826.D
Acq: 17 Mar 2023 16:43

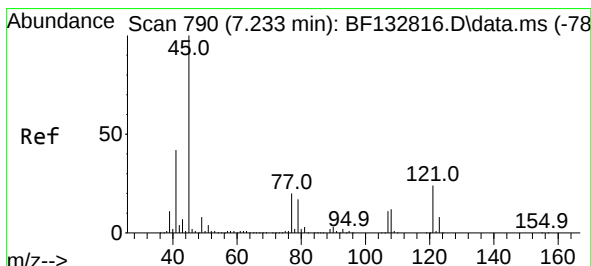
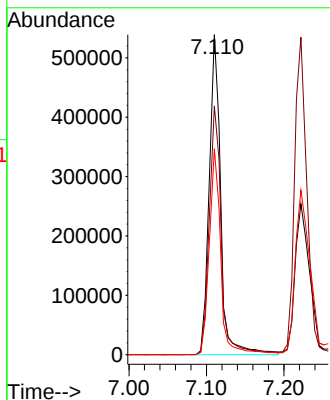
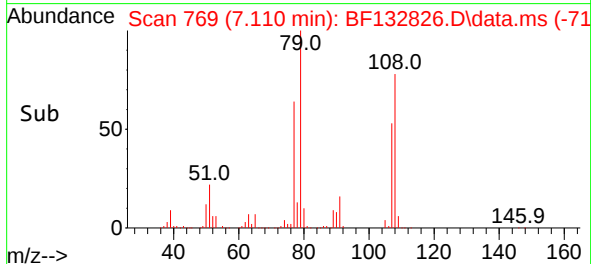
Instrument :
BNA_F
ClientSampleId :
PB151494BS



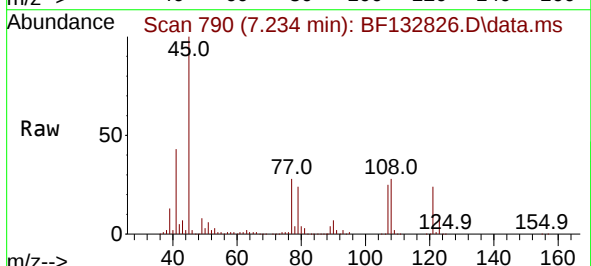
Tgt Ion: 79 Resp: 55224
Ion Ratio Lower Upper
79 100
108 77.8 64.2 96.2
77 64.3 51.4 77.2

Manual Integrations
APPROVED

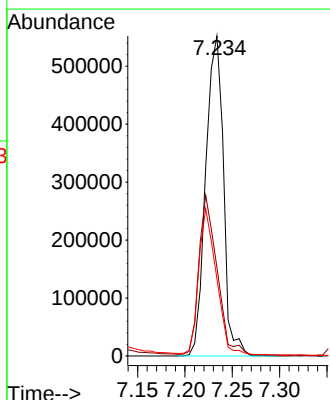
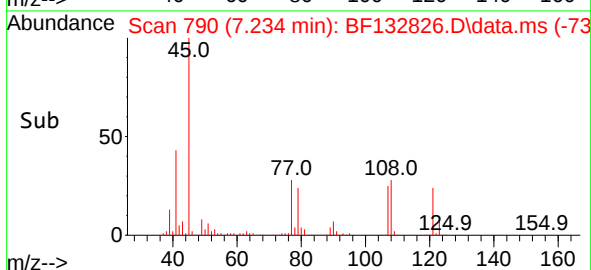
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023

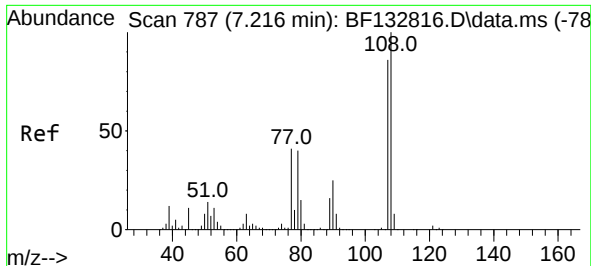


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.110 ng
RT: 7.234 min Scan# 790
Delta R.T. 0.000 min
Lab File: BF132826.D
Acq: 17 Mar 2023 16:43



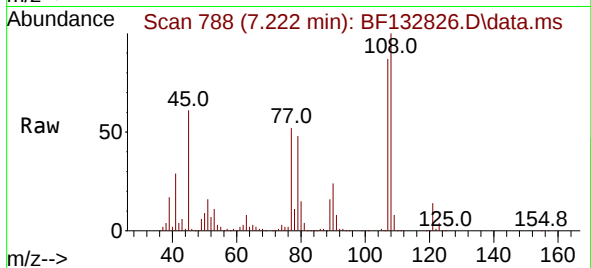
Tgt Ion: 45 Resp: 716403
Ion Ratio Lower Upper
45 100
77 27.7 0.7 40.7
79 24.2 0.0 37.2





#17
2-Methylphenol
Concen: 42.222 ng
RT: 7.222 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF132826.D
Acq: 17 Mar 2023 16:43

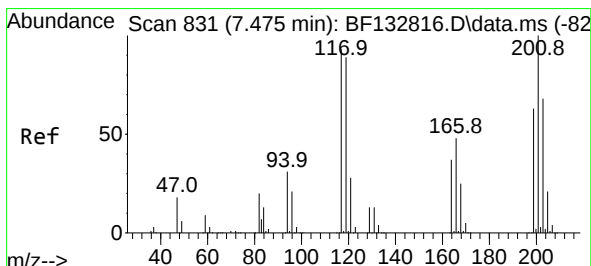
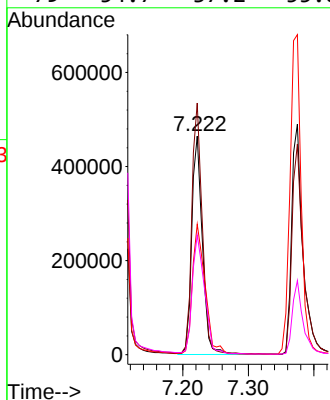
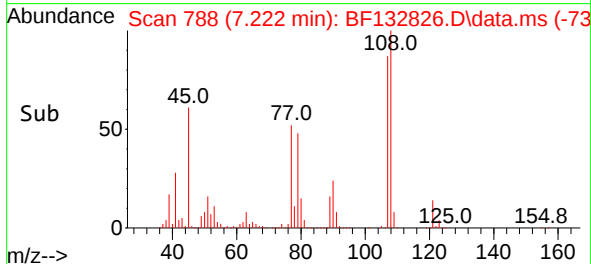
Instrument :
BNA_F
ClientSampleId :
PB151494BS



Tgt Ion:107 Resp: 52497
Ion Ratio Lower Upper
107 100
108 115.1 92.6 139.0
77 59.7 38.6 57.8
79 54.7 37.2 55.8

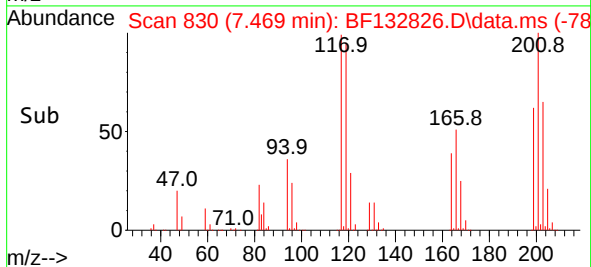
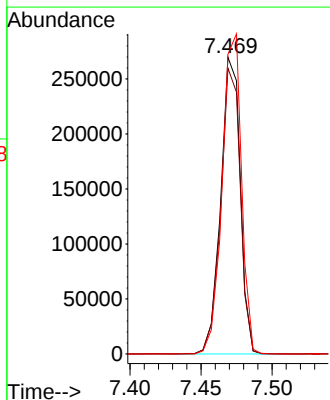
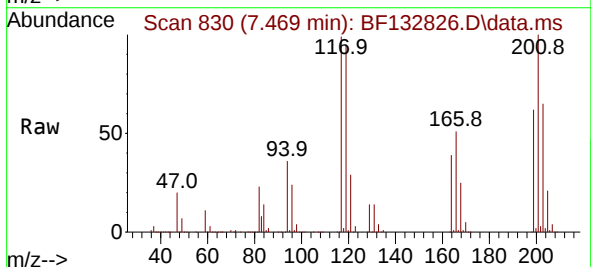
Manual Integrations
APPROVED

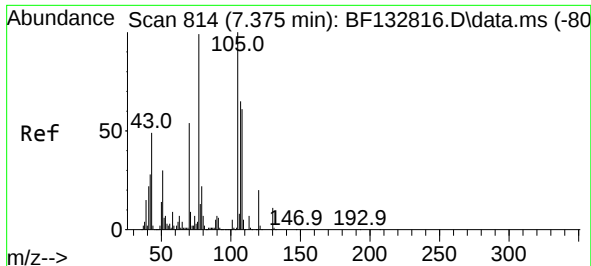
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#18
Hexachloroethane
Concen: 45.521 ng
RT: 7.469 min Scan# 830
Delta R.T. -0.006 min
Lab File: BF132826.D
Acq: 17 Mar 2023 16:43

Tgt Ion:117 Resp: 257821
Ion Ratio Lower Upper
117 100
119 96.3 77.3 115.9
201 101.0 86.4 129.6





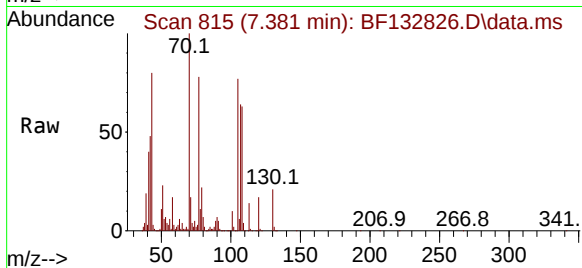
#19
n-Nitroso-di-n-propylamine
Concen: 41.220 ng
RT: 7.381 min Scan# 814
Delta R.T. 0.006 min
Lab File: BF132826.D
Acq: 17 Mar 2023 16:43

Instrument :

BNA_F

ClientSampleId :

PB151494BS

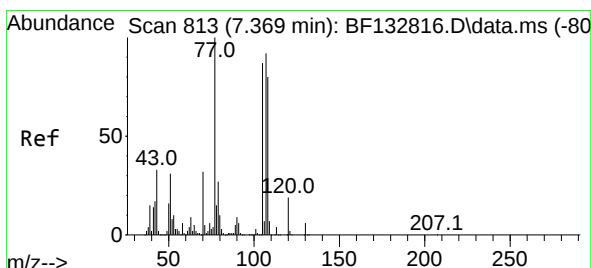
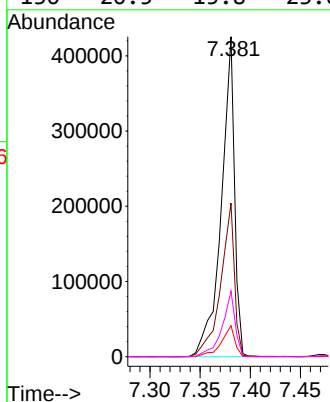
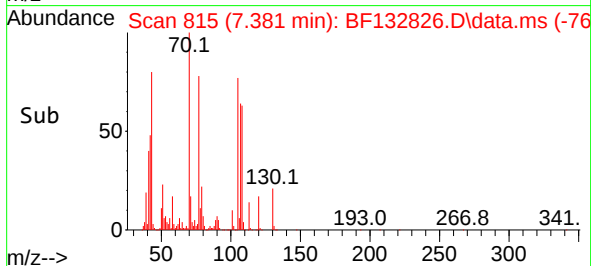


Tgt Ion: 70 Resp: 391411
Ion Ratio Lower Upper
70 100
42 48.0 40.9 61.3
101 9.7 7.8 11.6
130 20.5 15.8 23.6

Manual Integrations

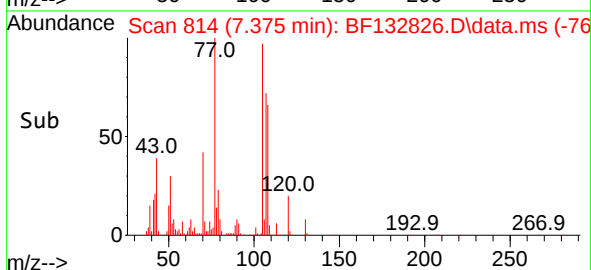
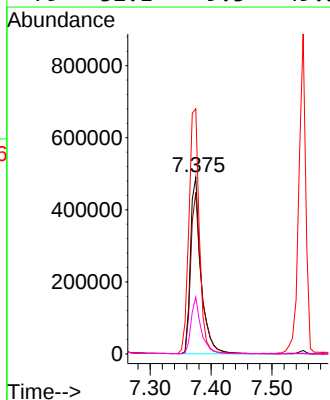
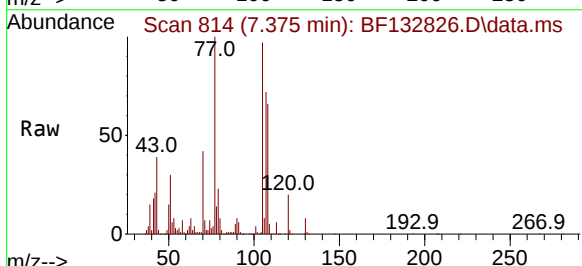
APPROVED

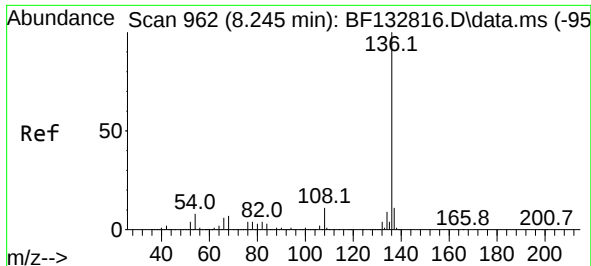
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#20
3+4-Methylphenols
Concen: 39.452 ng
RT: 7.375 min Scan# 814
Delta R.T. 0.006 min
Lab File: BF132826.D
Acq: 17 Mar 2023 16:43

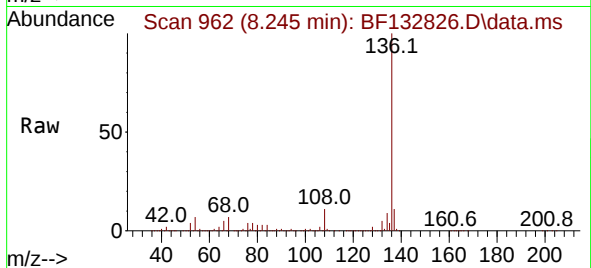
Tgt Ion:107 Resp: 590643
Ion Ratio Lower Upper
107 100
108 91.4 67.6 107.6
77 138.8 89.1 129.1#
79 32.1 9.3 49.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF132826.D
Acq: 17 Mar 2023 16:43

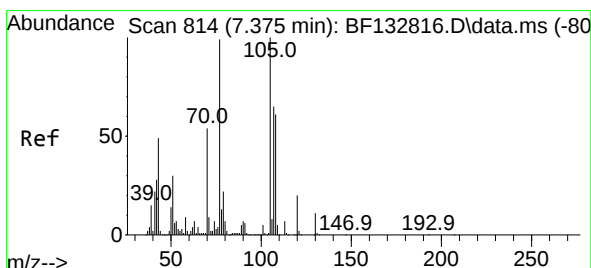
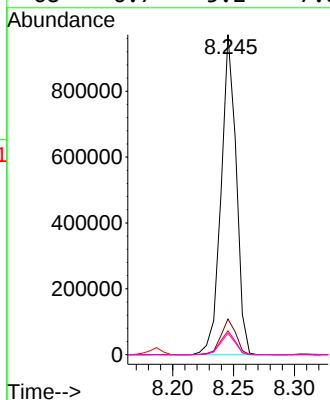
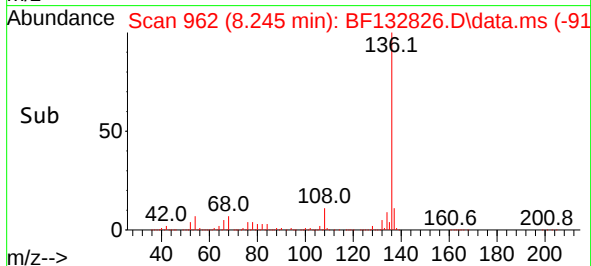
Instrument :
BNA_F
ClientSampleId :
PB151494BS



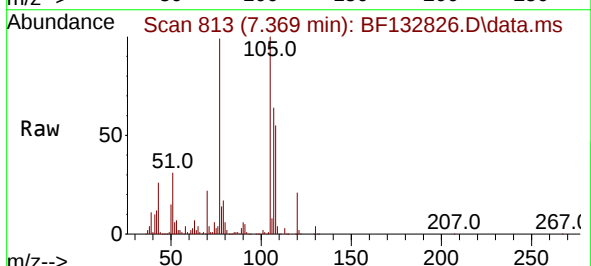
Tgt Ion:136 Resp: 841118
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.6
54 7.4 6.1 9.1
68 6.7 5.2 7.8

Manual Integrations
APPROVED

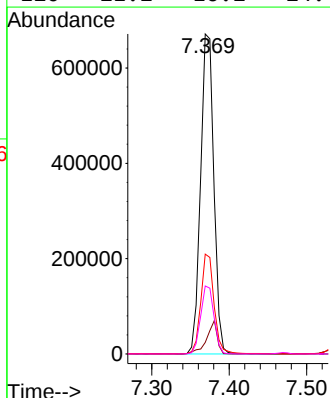
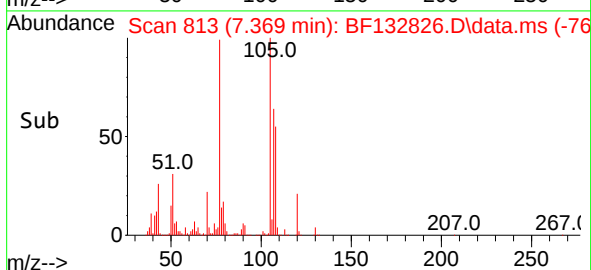
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023

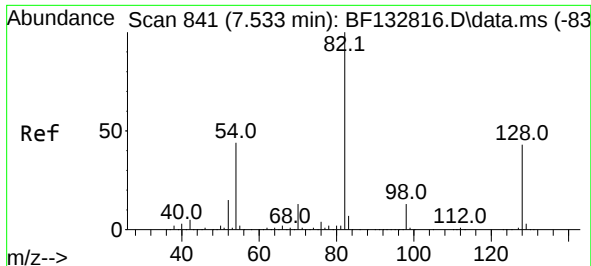


#22
Acetophenone
Concen: 39.628 ng
RT: 7.369 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF132826.D
Acq: 17 Mar 2023 16:43



Tgt Ion:105 Resp: 795834
Ion Ratio Lower Upper
105 100
71 3.6 7.3 10.9#
51 31.2 23.9 35.9
120 21.2 16.2 24.4





#23
Nitrobenzene-d5
Concen: 75.566 ng
RT: 7.534 min Scan# 841
Delta R.T. 0.000 min
Lab File: BF132826.D
Acq: 17 Mar 2023 16:43

Instrument :

BNA_F

ClientSampleId :

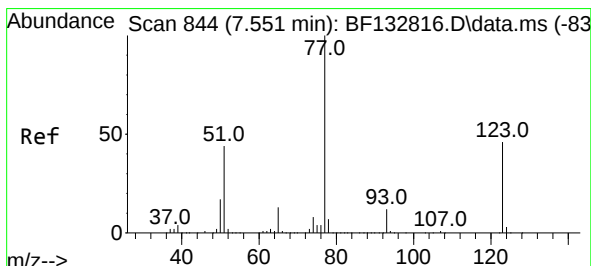
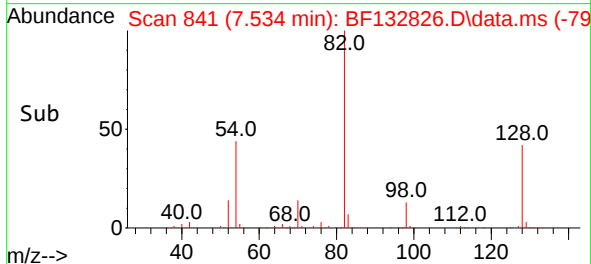
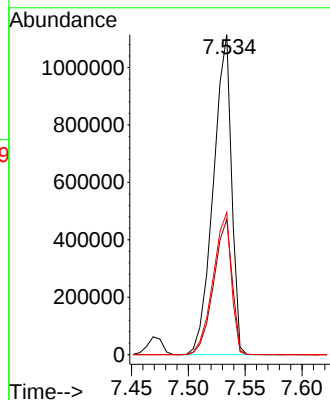
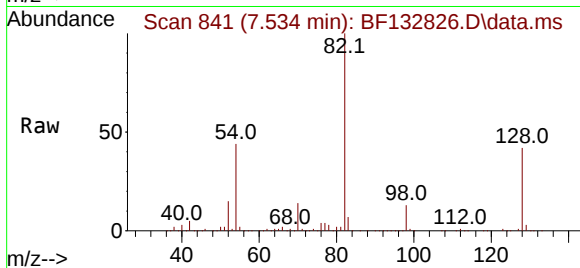
PB151494BS

Tgt Ion: 82 Resp: 1242008
Ion Ratio Lower Upper
82 100
128 42.3 34.4 51.6
54 44.4 35.2 52.8

Manual Integrations

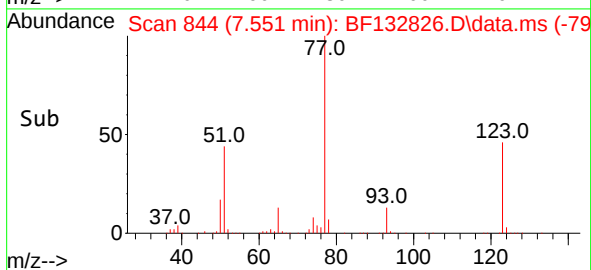
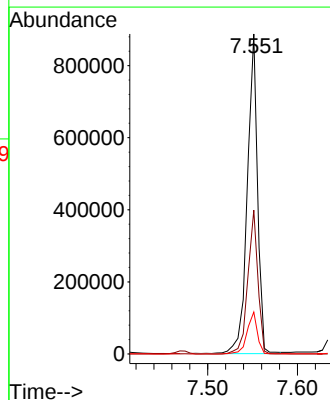
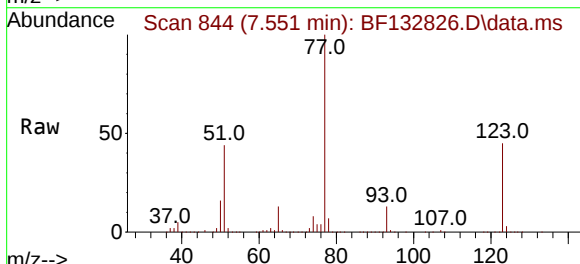
APPROVED

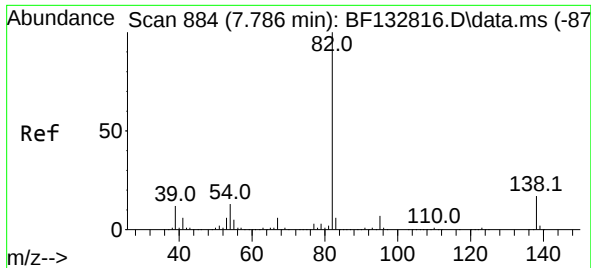
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#24
Nitrobenzene
Concen: 39.676 ng
RT: 7.551 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF132826.D
Acq: 17 Mar 2023 16:43

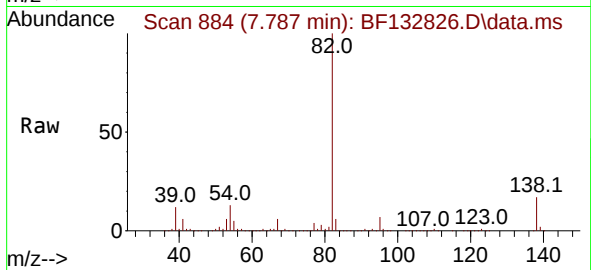
Tgt Ion: 77 Resp: 705028
Ion Ratio Lower Upper
77 100
123 45.0 36.4 54.6
65 13.1 10.3 15.5





#25
Isophorone
Concen: 41.802 ng
RT: 7.787 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF132826.D
Acq: 17 Mar 2023 16:43

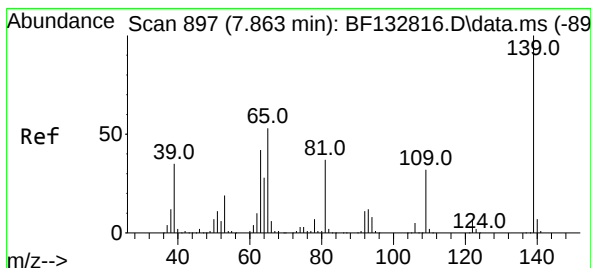
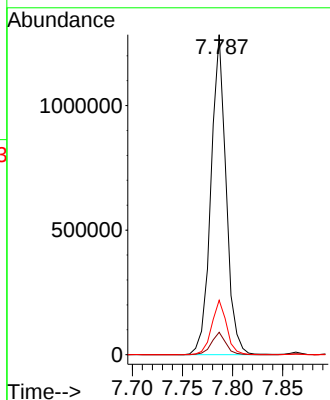
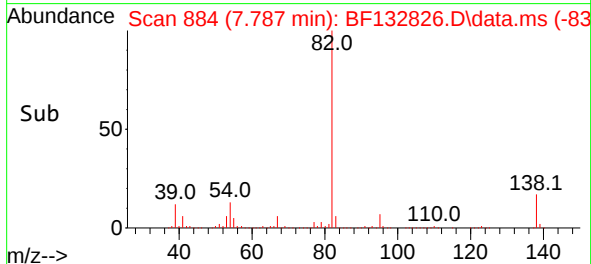
Instrument :
BNA_F
ClientSampleId :
PB151494BS



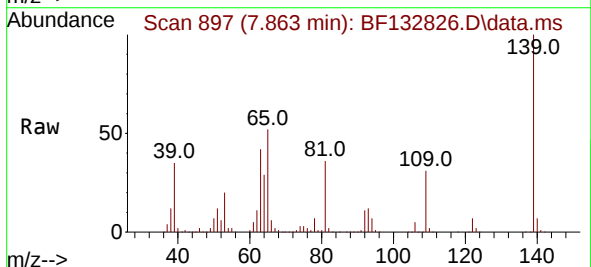
Tgt Ion: 82 Resp: 1350650
Ion Ratio Lower Upper
82 100
95 7.0 5.7 8.5
138 17.0 13.7 20.5

Manual Integrations
APPROVED

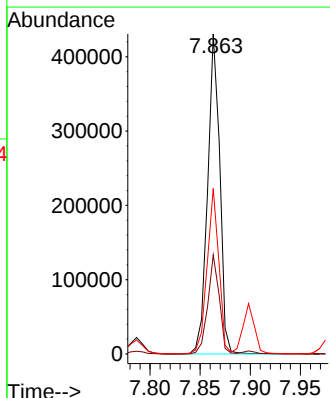
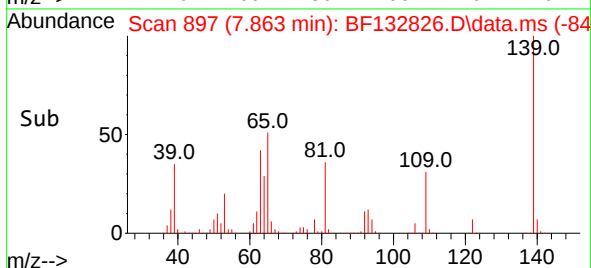
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023

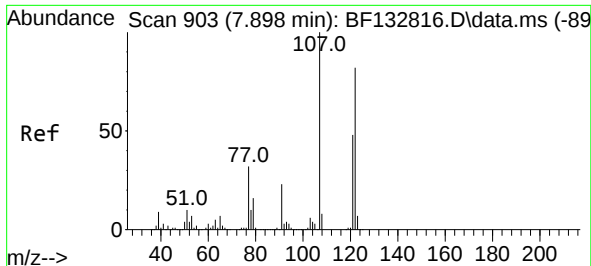


#26
2-Nitrophenol
Concen: 44.039 ng
RT: 7.863 min Scan# 897
Delta R.T. 0.000 min
Lab File: BF132826.D
Acq: 17 Mar 2023 16:43



Tgt Ion:139 Resp: 364512
Ion Ratio Lower Upper
139 100
109 31.0 25.8 38.8
65 51.7 42.7 64.1





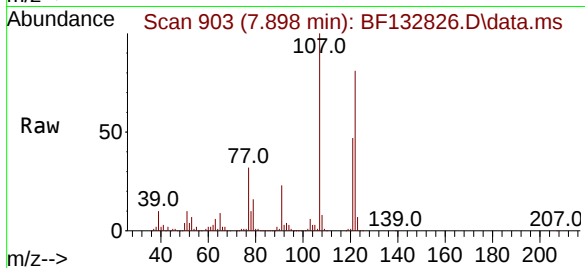
#27
2,4-Dimethylphenol
Concen: 43.342 ng
RT: 7.898 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF132826.D
Acq: 17 Mar 2023 16:43

Instrument :

BNA_F

ClientSampleId :

PB151494BS

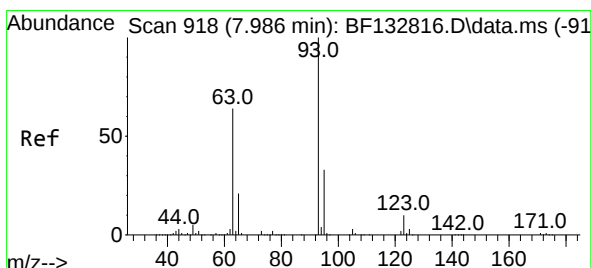
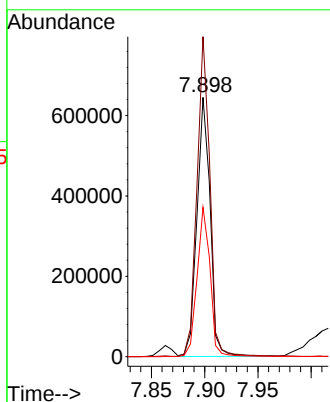
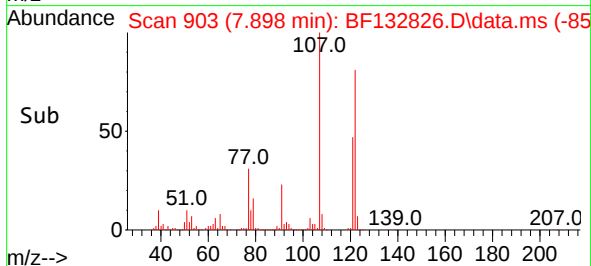


Tgt Ion:122 Resp: 555800
Ion Ratio Lower Upper
122 100
107 123.4 97.0 145.4
121 57.5 46.4 69.6

Manual Integrations

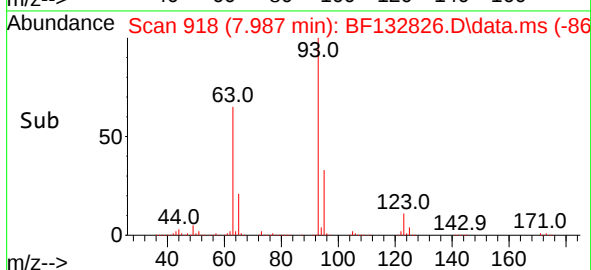
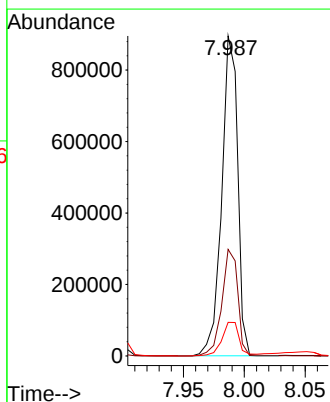
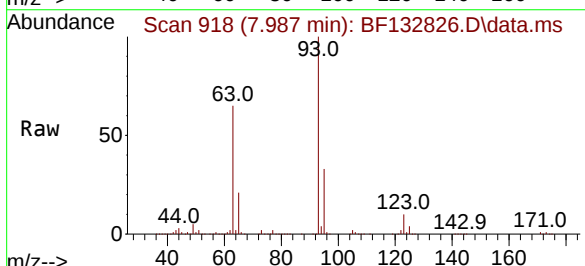
APPROVED

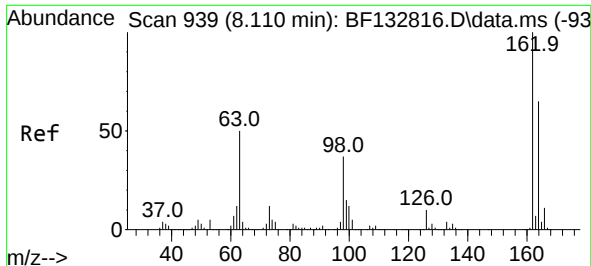
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#28
bis(2-Chloroethoxy)methane
Concen: 42.165 ng
RT: 7.987 min Scan# 918
Delta R.T. 0.000 min
Lab File: BF132826.D
Acq: 17 Mar 2023 16:43

Tgt Ion: 93 Resp: 818293
Ion Ratio Lower Upper
93 100
95 33.3 26.4 39.6
123 10.5 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 45.139 ng

RT: 8.110 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF132826.D

Acq: 17 Mar 2023 16:43

Instrument :

BNA_F

ClientSampleId :

PB151494BS

Tgt Ion:162 Resp: 59928

Ion Ratio Lower Upper

162 100

164 64.0 44.7 84.7

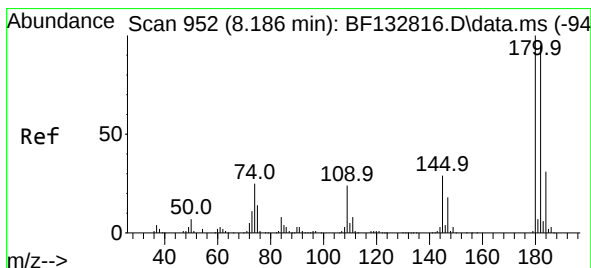
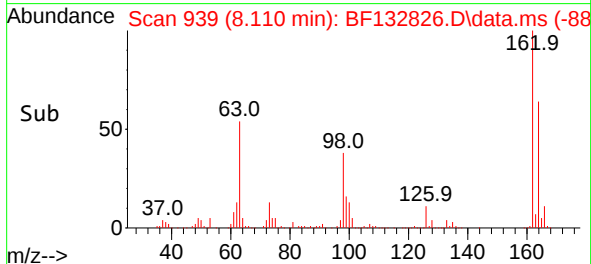
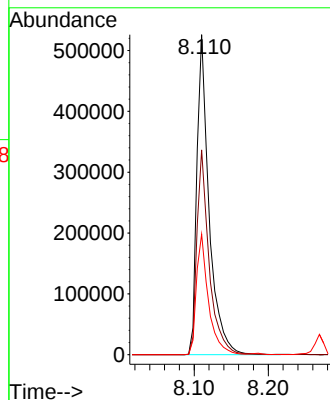
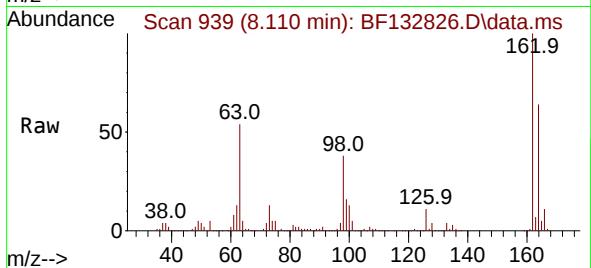
98 37.7 16.6 56.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/20/2023

Supervised By :Jagrut Upadhyay 03/20/2023



#30

1,2,4-Trichlorobenzene

Concen: 42.563 ng

RT: 8.187 min Scan# 952

Delta R.T. 0.000 min

Lab File: BF132826.D

Acq: 17 Mar 2023 16:43

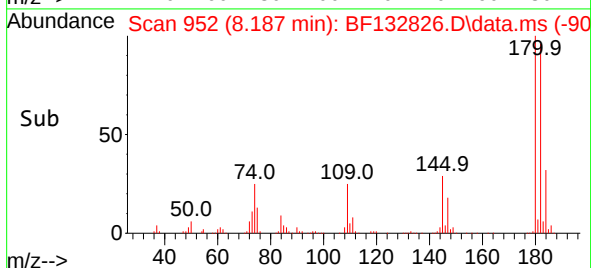
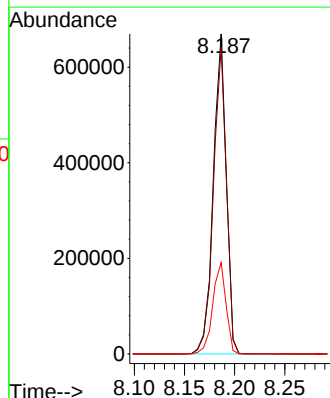
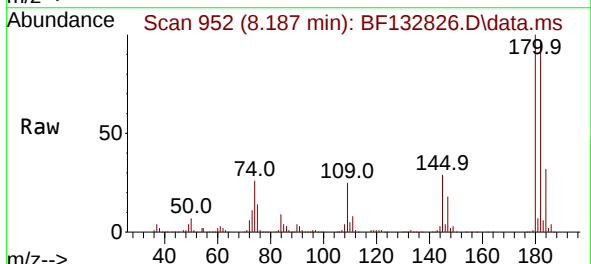
Tgt Ion:180 Resp: 604404

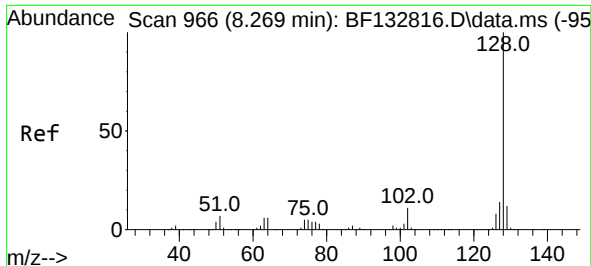
Ion Ratio Lower Upper

180 100

182 96.0 75.9 113.9

145 28.6 23.0 34.4





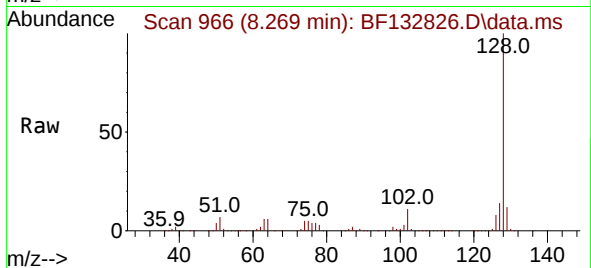
#31
Naphthalene
Concen: 40.404 ng
RT: 8.269 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF132826.D
Acq: 17 Mar 2023 16:43

Instrument :

BNA_F

ClientSampleId :

PB151494BS

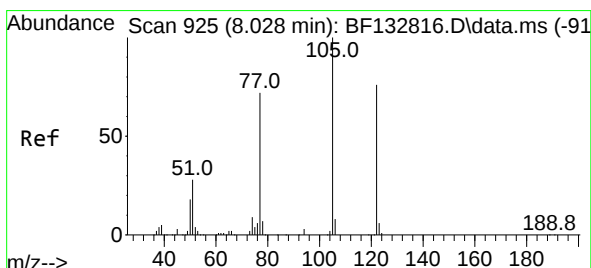
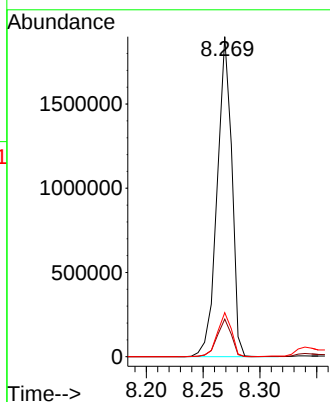
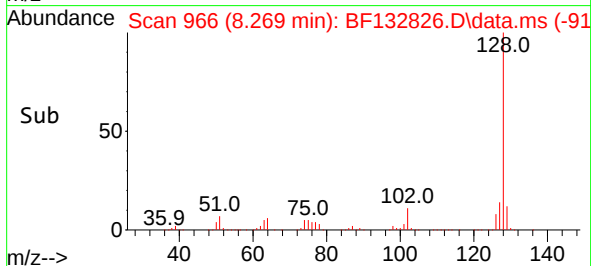


Tgt Ion:128 Resp: 1704911
Ion Ratio Lower Upper
128 100
129 11.7 9.4 14.2
127 13.8 11.1 16.7

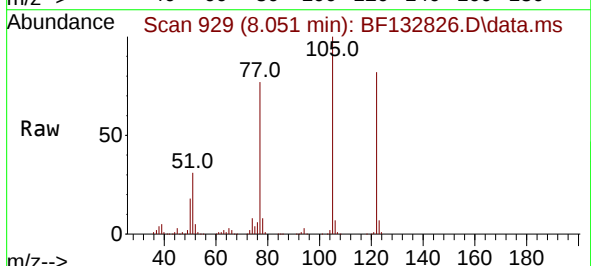
Manual Integrations

APPROVED

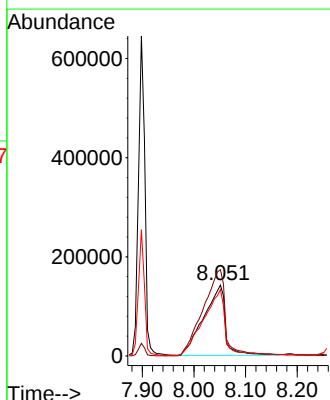
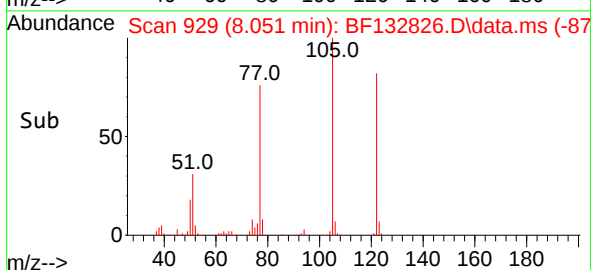
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023

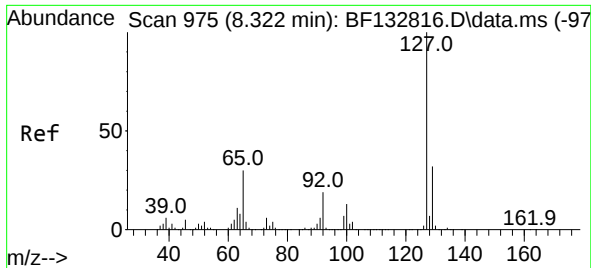


#32
Benzoic acid
Concen: 51.328 ng
RT: 8.051 min Scan# 929
Delta R.T. 0.023 min
Lab File: BF132826.D
Acq: 17 Mar 2023 16:43



Tgt Ion:122 Resp: 414051
Ion Ratio Lower Upper
122 100
105 121.5 110.8 150.8
77 93.6 74.2 114.2





#33
4-Chloroaniline
Concen: 11.443 ng
RT: 8.340 min Scan# 91
Delta R.T. 0.018 min
Lab File: BF132826.D
Acq: 17 Mar 2023 16:43

Instrument :

BNA_F

ClientSampleId :

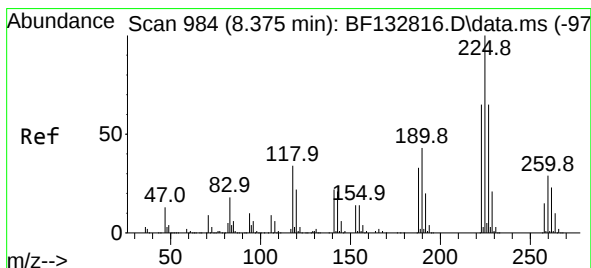
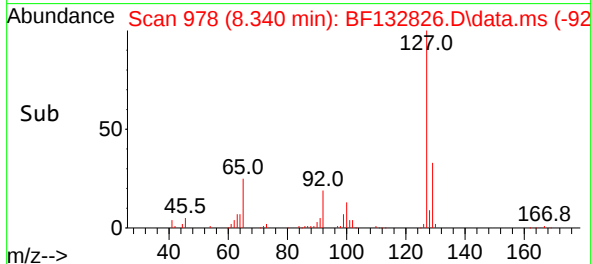
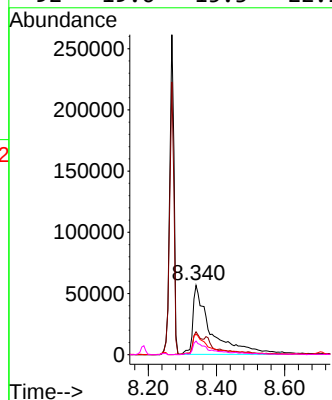
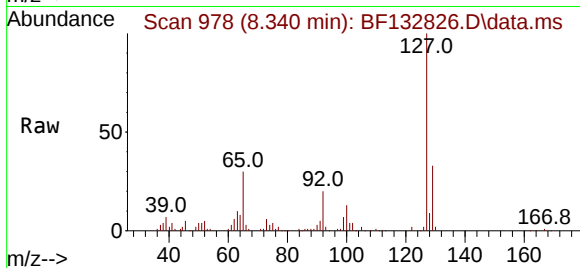
PB151494BS

Tgt Ion:127 Resp: 210504
Ion Ratio Lower Upper
127 100
129 33.0 25.8 38.6
65 29.8 24.1 36.1
92 19.6 15.3 22.9

Manual Integrations

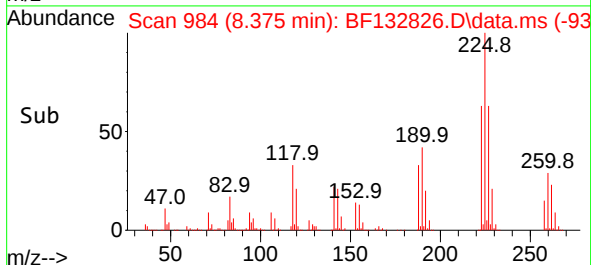
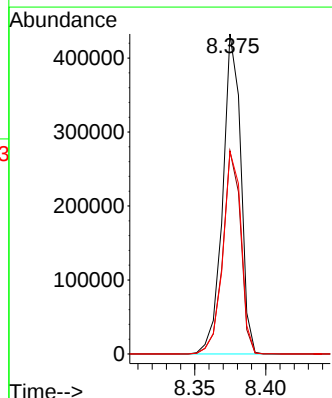
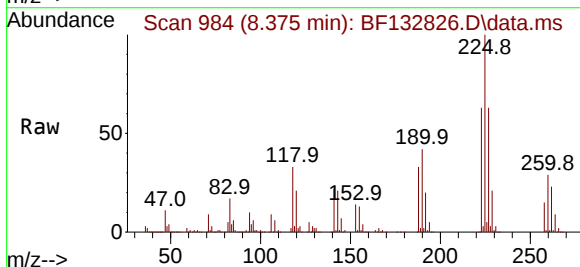
APPROVED

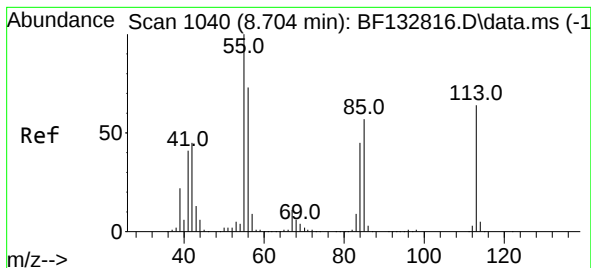
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#34
Hexachlorobutadiene
Concen: 42.163 ng
RT: 8.375 min Scan# 984
Delta R.T. 0.000 min
Lab File: BF132826.D
Acq: 17 Mar 2023 16:43

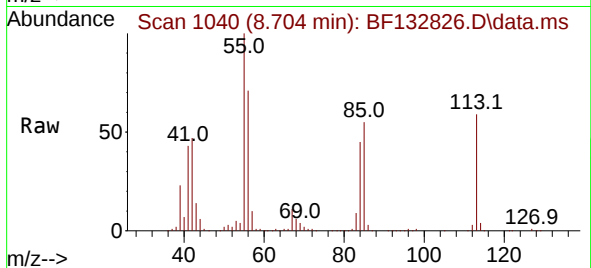
Tgt Ion:225 Resp: 379871
Ion Ratio Lower Upper
225 100
223 63.5 51.8 77.6
227 63.2 52.2 78.2





#35
Caprolactam
Concen: 48.673 ng/ml
RT: 8.704 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF132826.D
Acq: 17 Mar 2023 16:43

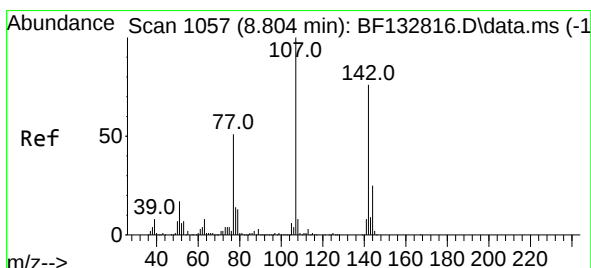
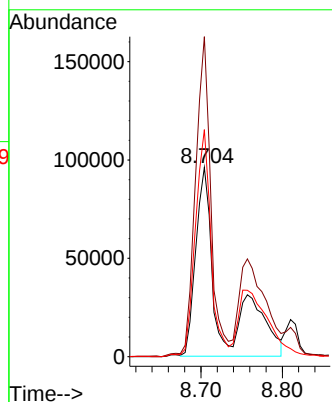
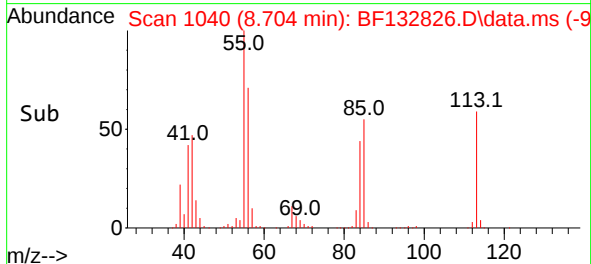
Instrument :
BNA_F
ClientSampleId :
PB151494BS



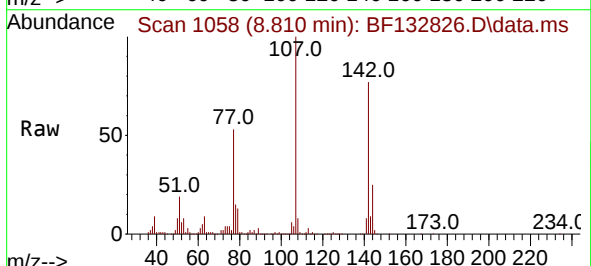
Tgt Ion:113 Resp: 198114
Ion Ratio Lower Upper
113 100
55 169.1 136.3 176.3
56 120.0 94.7 134.7

Manual Integrations
APPROVED

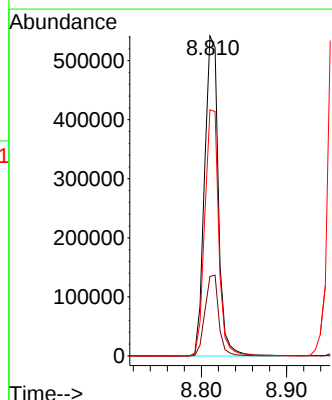
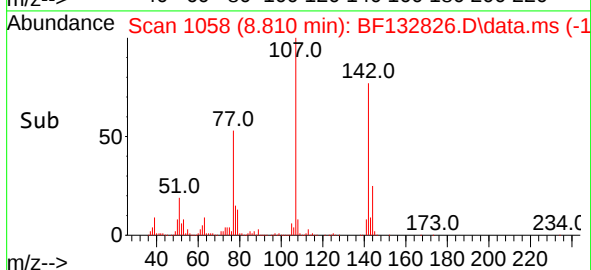
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023

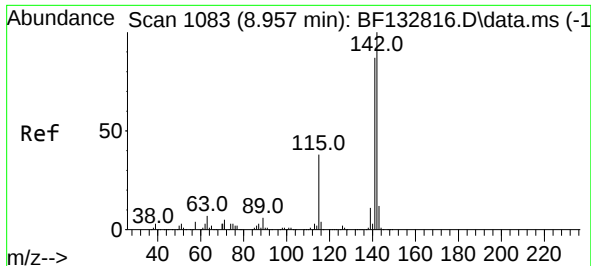


#36
4-Chloro-3-methylphenol
Concen: 45.026 ng/ml
RT: 8.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: BF132826.D
Acq: 17 Mar 2023 16:43



Tgt Ion:107 Resp: 607980
Ion Ratio Lower Upper
107 100
144 24.9 20.0 30.0
142 76.9 61.1 91.7





#37

2-Methylnaphthalene

Concen: 39.815 ng

RT: 8.957 min Scan# 1100

Delta R.T. 0.000 min

Lab File: BF132826.D

Acq: 17 Mar 2023 16:43

Instrument :

BNA_F

ClientSampleId :

PB151494BS

Tgt Ion:142 Resp: 112665

Ion Ratio Lower Upper

142 100

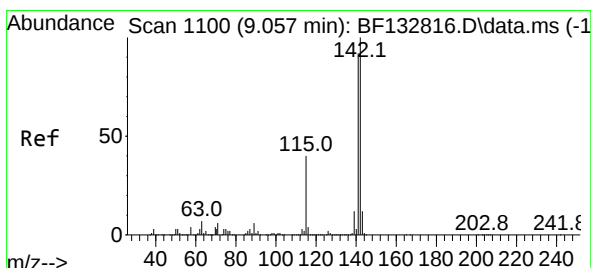
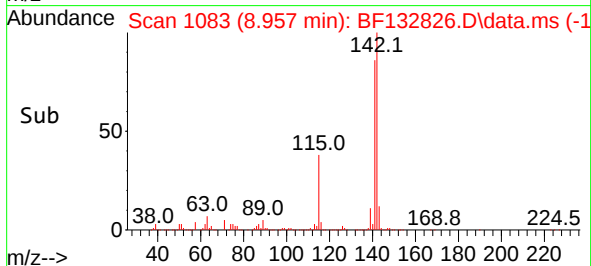
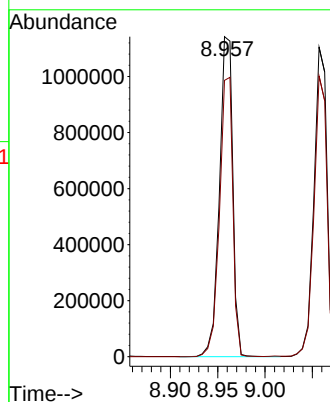
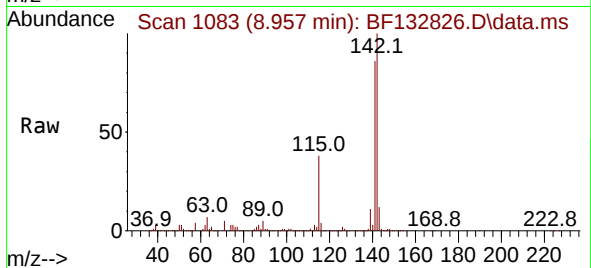
141 86.4 69.3 103.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/20/2023

Supervised By :Jagrut Upadhyay 03/20/2023



#38

1-Methylnaphthalene

Concen: 39.336 ng

RT: 9.057 min Scan# 1100

Delta R.T. 0.000 min

Lab File: BF132826.D

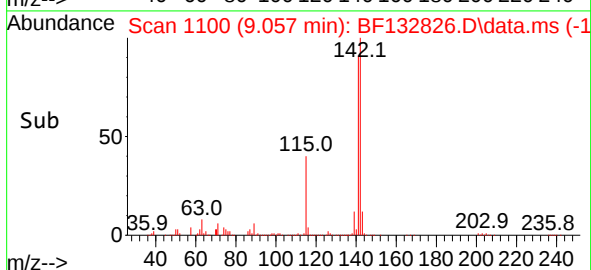
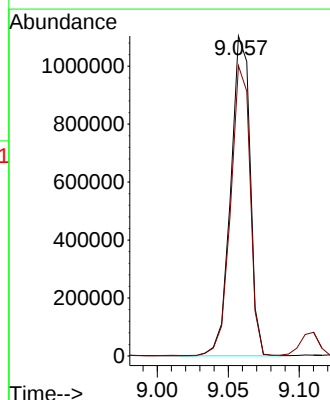
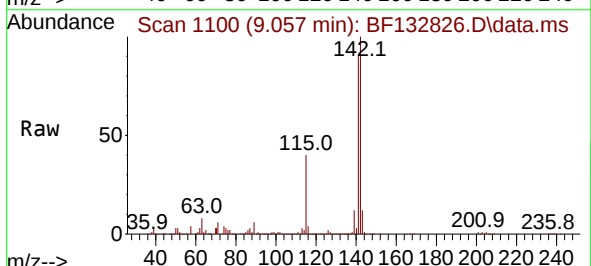
Acq: 17 Mar 2023 16:43

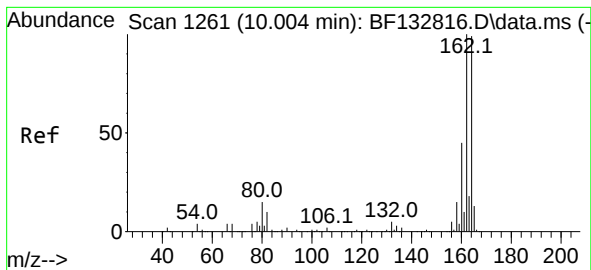
Tgt Ion:142 Resp: 1048046

Ion Ratio Lower Upper

142 100

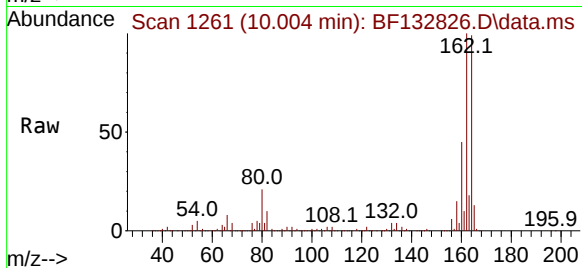
141 90.7 73.3 109.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1126
Delta R.T. 0.000 min
Lab File: BF132826.D
Acq: 17 Mar 2023 16:43

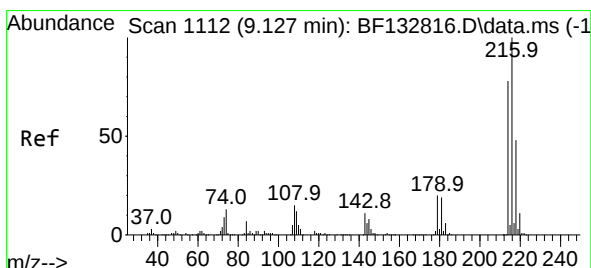
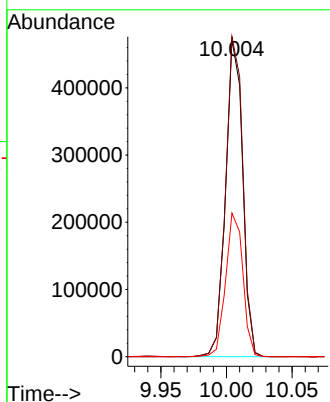
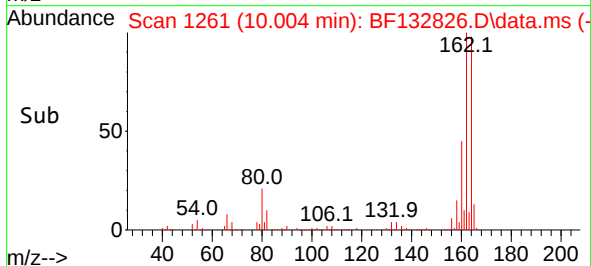
Instrument :
BNA_F
ClientSampleId :
PB151494BS



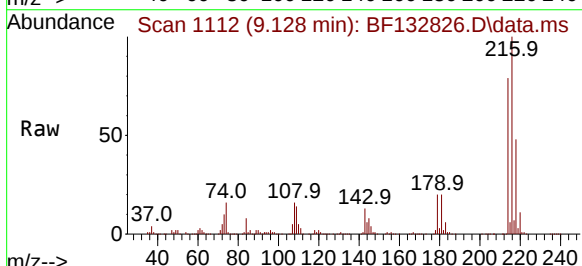
Tgt Ion:164 Resp: 425580
Ion Ratio Lower Upper
164 100
162 100.9 80.6 121.0
160 45.3 36.2 54.4

Manual Integrations
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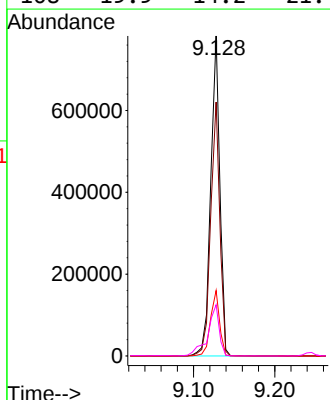
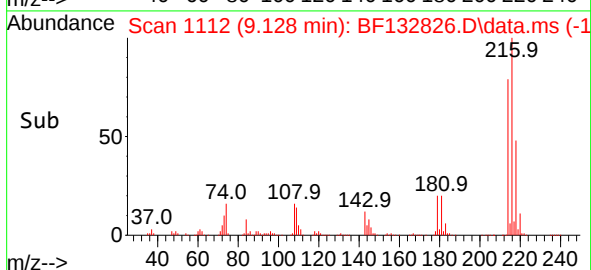
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023

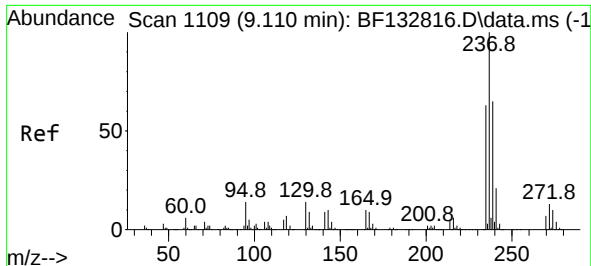


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.615 ng
RT: 9.128 min Scan# 1112
Delta R.T. 0.000 min
Lab File: BF132826.D
Acq: 17 Mar 2023 16:43



Tgt Ion:216 Resp: 608903
Ion Ratio Lower Upper
216 100
214 79.4 64.3 96.5
179 20.3 16.2 24.4
108 19.9 14.2 21.4





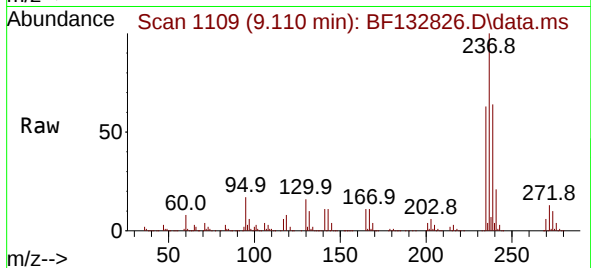
#41
Hexachlorocyclopentadiene
Concen: 101.536 ng
RT: 9.110 min Scan# 1109
Delta R.T. 0.000 min
Lab File: BF132826.D
Acq: 17 Mar 2023 16:43

Instrument :

BNA_F

ClientSampleId :

PB151494BS

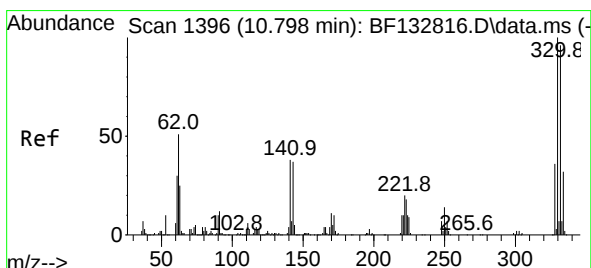
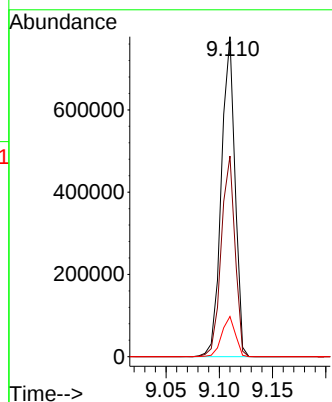
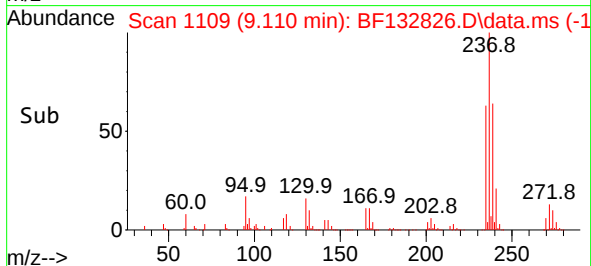


Tgt Ion:237 Resp: 692798
Ion Ratio Lower Upper
237 100
235 62.7 43.3 83.3
272 12.6 0.0 32.9

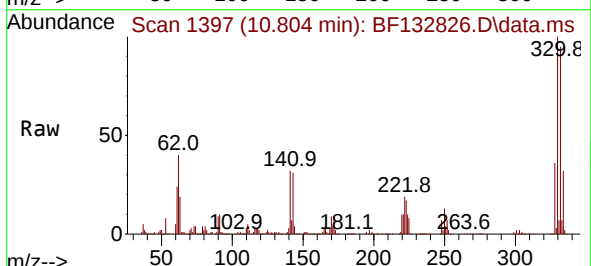
Manual Integrations

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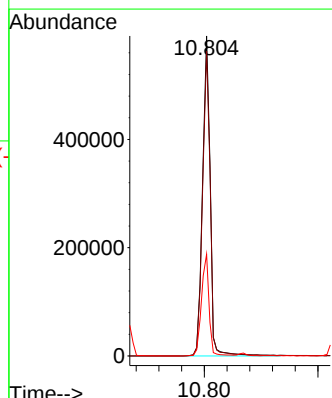
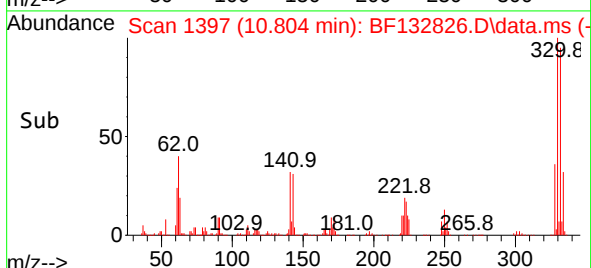
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023

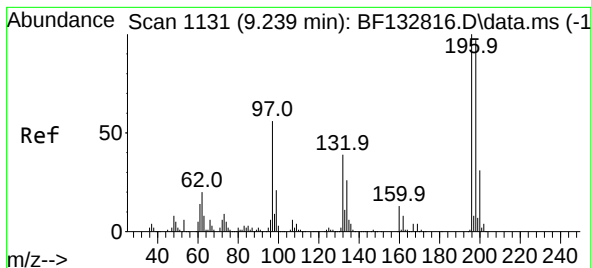


#42
2,4,6-Tribromophenol
Concen: 122.233 ng
RT: 10.804 min Scan# 1397
Delta R.T. 0.006 min
Lab File: BF132826.D
Acq: 17 Mar 2023 16:43



Tgt Ion:330 Resp: 552989
Ion Ratio Lower Upper
330 100
332 94.9 77.0 115.6
141 31.8 26.7 40.1





#43

2,4,6-Trichlorophenol

Concen: 45.899 ng

RT: 9.245 min Scan# 1131

Delta R.T. 0.006 min

Lab File: BF132826.D

Acq: 17 Mar 2023 16:43

Instrument :

BNA_F

ClientSampleId :

PB151494BS

Tgt Ion:196 Resp: 417230

Ion Ratio Lower Upper

196 100

198 95.4 77.3 115.9

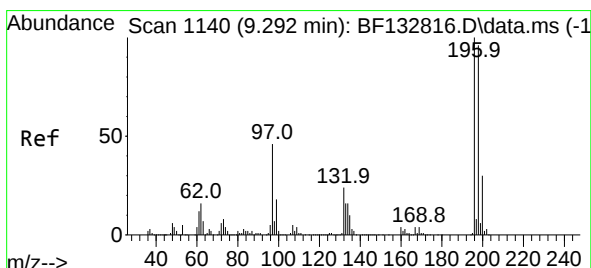
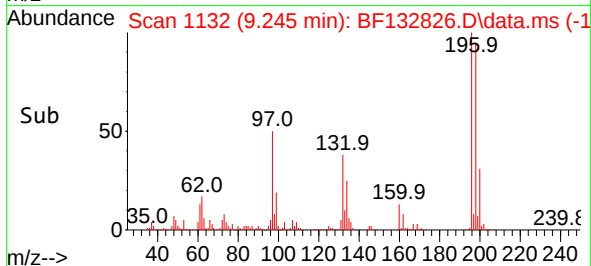
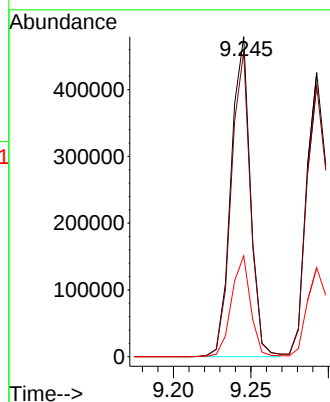
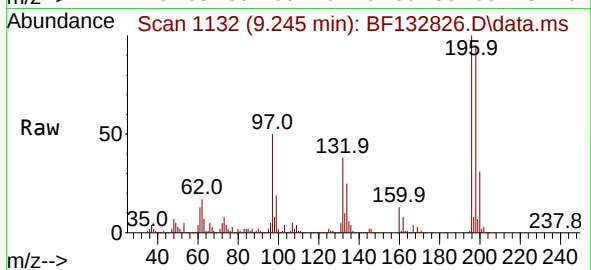
200 31.5 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/20/2023

Supervised By :Jagrut Upadhyay 03/20/2023



#44

2,4,5-Trichlorophenol

Concen: 43.571 ng

RT: 9.292 min Scan# 1140

Delta R.T. 0.000 min

Lab File: BF132826.D

Acq: 17 Mar 2023 16:43

Tgt Ion:196 Resp: 461144

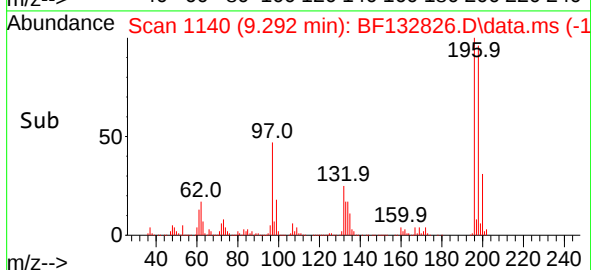
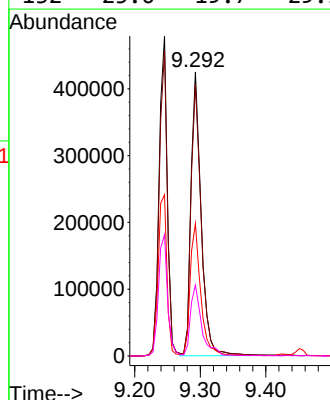
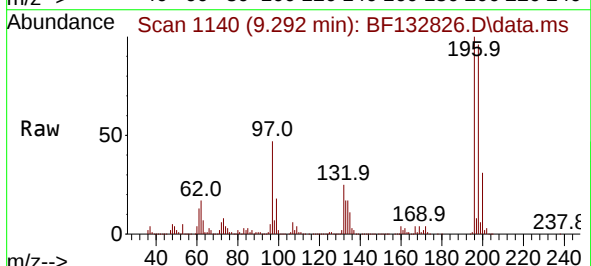
Ion Ratio Lower Upper

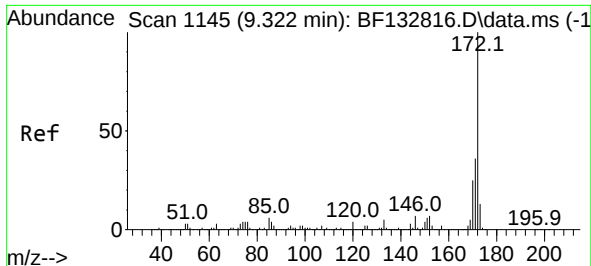
196 100

198 95.6 76.8 115.2

97 46.6 36.9 55.3

132 25.0 19.7 29.5





#45
2-Fluorobiphenyl
Concen: 78.724 ng
RT: 9.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BF132826.D
Acq: 17 Mar 2023 16:43

Instrument :

BNA_F

ClientSampleId :

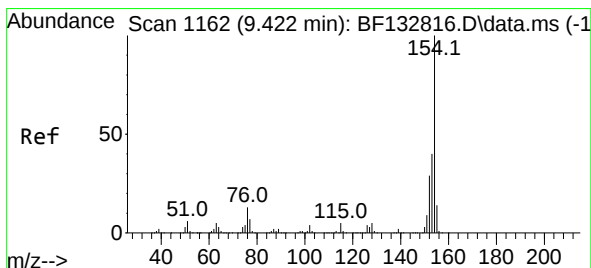
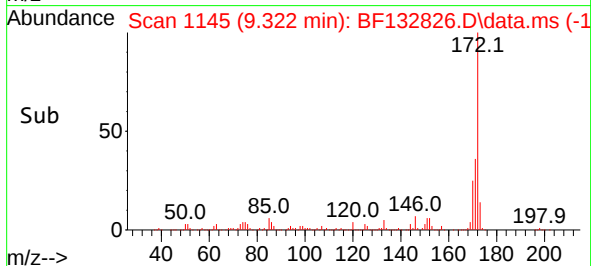
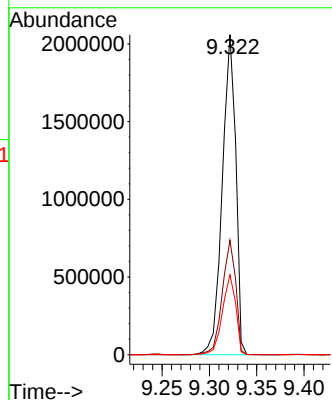
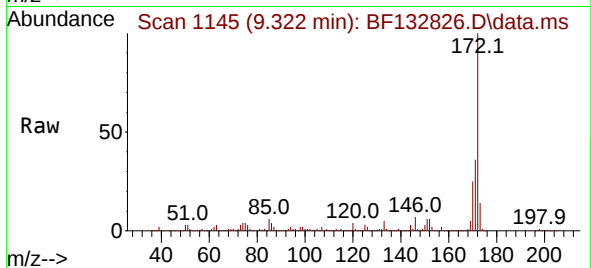
PB151494BS

Tgt Ion:172 Resp: 2039558
Ion Ratio Lower Upper
172 100
171 35.7 28.7 43.1
170 24.9 19.8 29.8

Manual Integrations

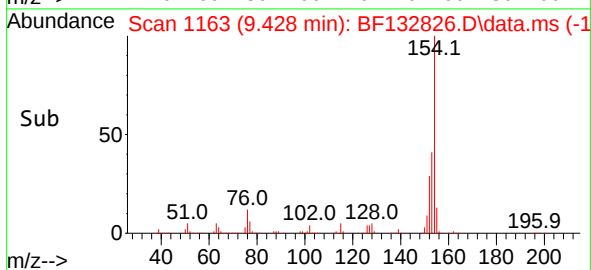
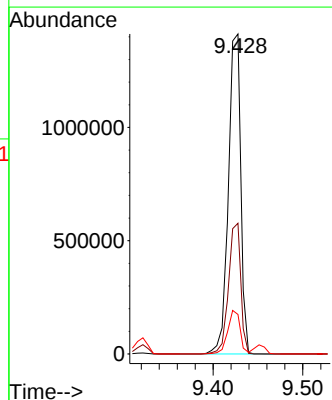
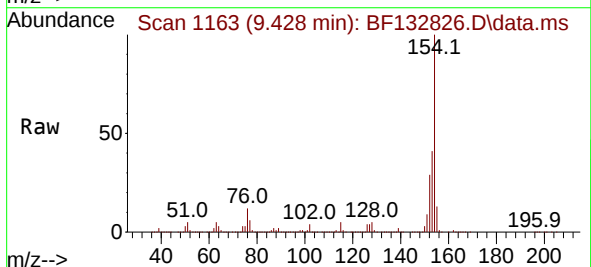
APPROVED

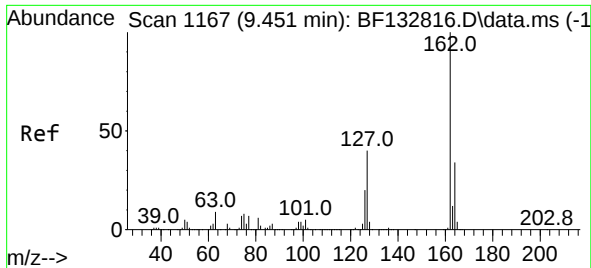
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#46
1,1'-Biphenyl
Concen: 42.863 ng
RT: 9.428 min Scan# 1163
Delta R.T. 0.006 min
Lab File: BF132826.D
Acq: 17 Mar 2023 16:43

Tgt Ion:154 Resp: 1353287
Ion Ratio Lower Upper
154 100
153 40.8 19.6 59.6
76 12.3 0.0 33.5





#47
2-Chloronaphthalene
Concen: 44.553 ng
RT: 9.451 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF132826.D
Acq: 17 Mar 2023 16:43

Instrument :

BNA_F

ClientSampleId :

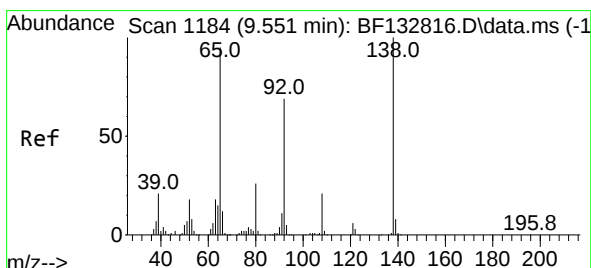
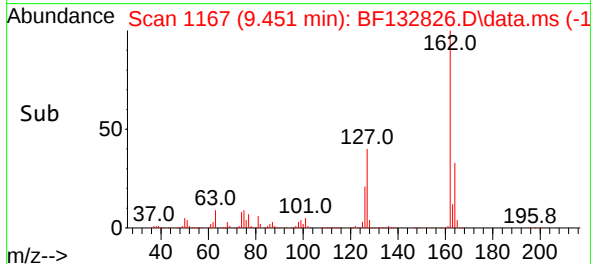
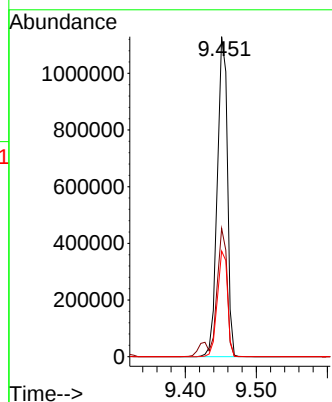
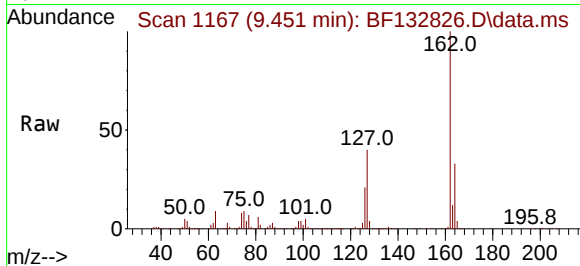
PB151494BS

Tgt Ion:162 Resp: 1113820
Ion Ratio Lower Upper
162 100
127 40.1 32.3 48.5
164 33.0 27.2 40.8

Manual Integrations

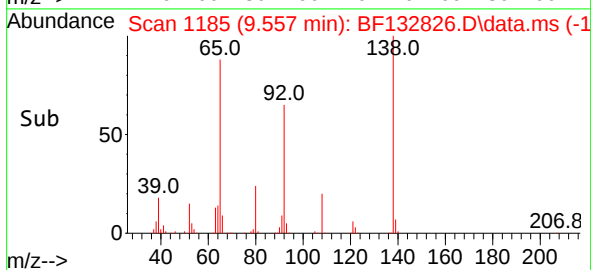
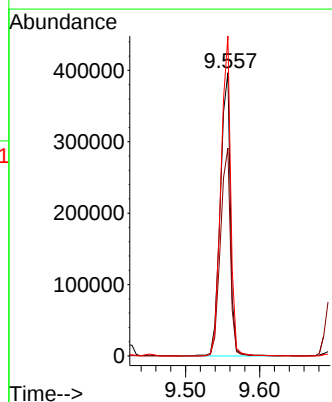
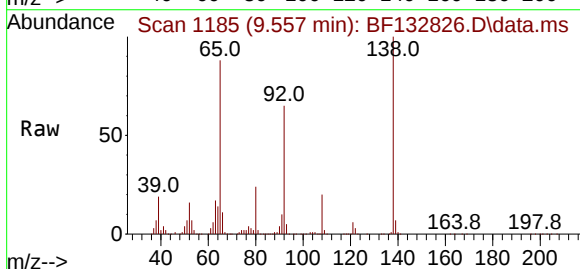
APPROVED

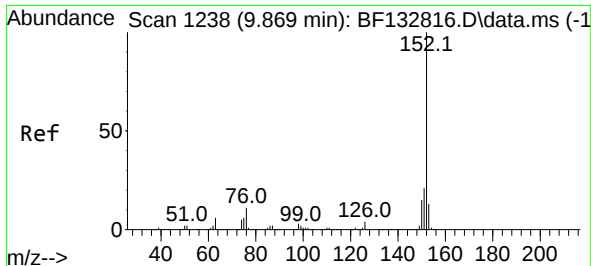
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#48
2-Nitroaniline
Concen: 45.480 ng
RT: 9.557 min Scan# 1185
Delta R.T. 0.006 min
Lab File: BF132826.D
Acq: 17 Mar 2023 16:43

Tgt Ion: 65 Resp: 373398
Ion Ratio Lower Upper
65 100
92 73.4 58.6 88.0
138 113.0 84.4 126.6





#49

Acenaphthylene

Concen: 41.723 ng

RT: 9.869 min Scan# 1238

Delta R.T. -0.000 min

Lab File: BF132826.D

Acq: 17 Mar 2023 16:43

Instrument :

BNA_F

ClientSampleId :

PB151494BS

Tgt Ion:152 Resp: 1602928

Ion Ratio Lower Upper

152 100

151 21.1 16.6 25.0

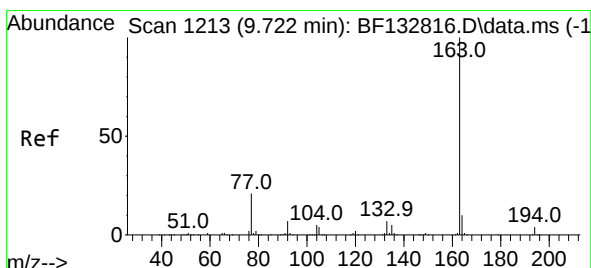
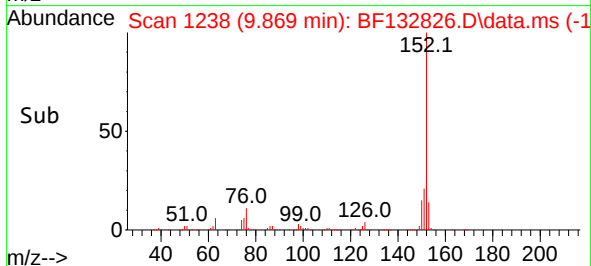
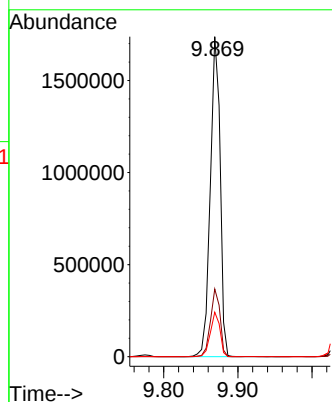
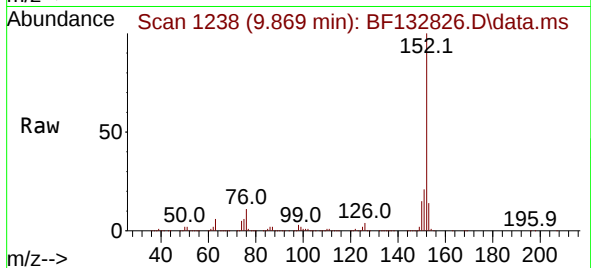
153 13.9 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/20/2023

Supervised By :Jagrut Upadhyay 03/20/2023



#50

Dimethylphthalate

Concen: 43.533 ng

RT: 9.728 min Scan# 1214

Delta R.T. 0.006 min

Lab File: BF132826.D

Acq: 17 Mar 2023 16:43

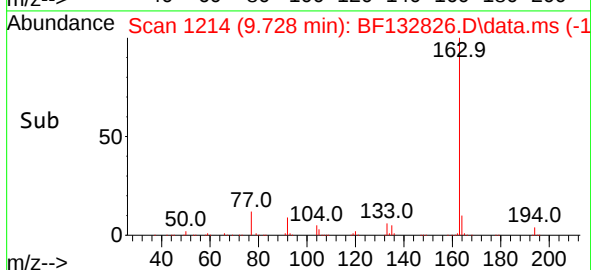
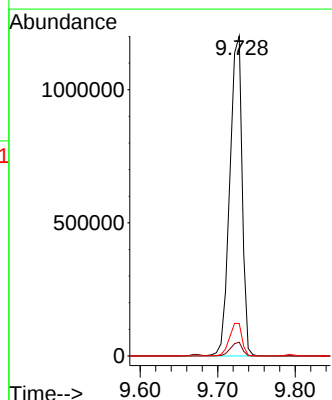
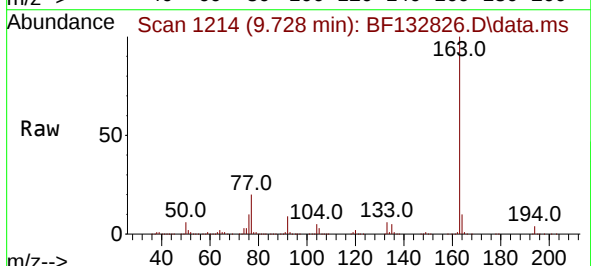
Tgt Ion:163 Resp: 1328317

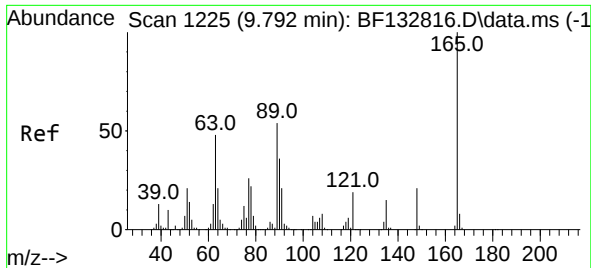
Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

164 10.1 8.3 12.5





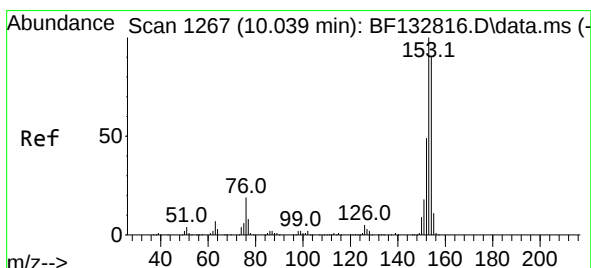
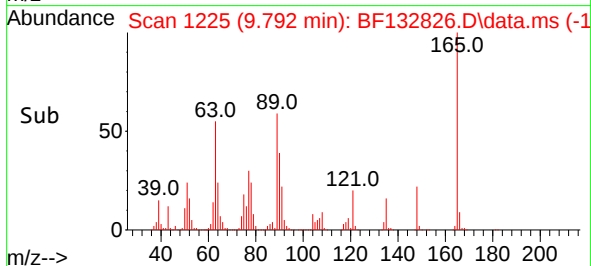
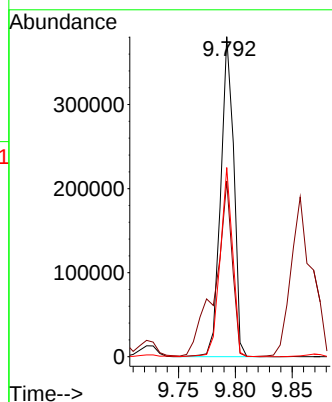
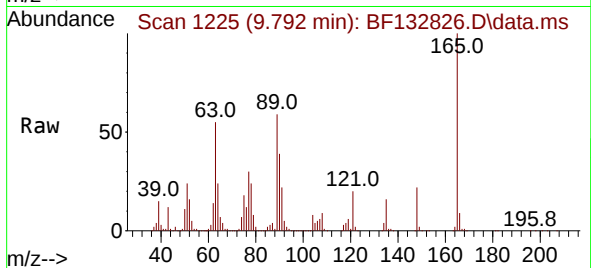
#51
2,6-Dinitrotoluene
Concen: 45.334 ng
RT: 9.792 min Scan# 1225
Delta R.T. 0.000 min
Lab File: BF132826.D
Acq: 17 Mar 2023 16:43

Instrument :
BNA_F
ClientSampleId :
PB151494BS

Tgt Ion:165 Resp: 305860
Ion Ratio Lower Upper
165 100
63 54.9 39.1 58.7
89 59.1 43.5 65.3

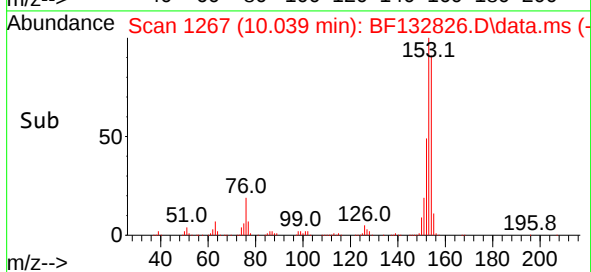
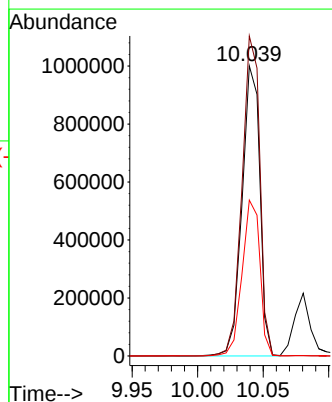
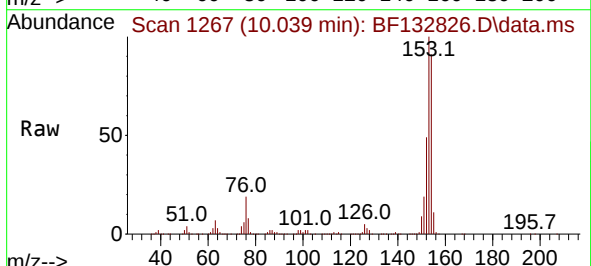
Manual Integrations
APPROVED

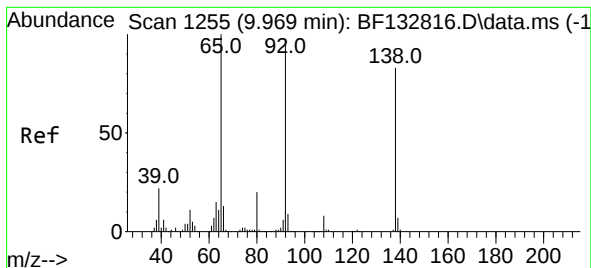
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#52
Acenaphthene
Concen: 40.964 ng
RT: 10.039 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BF132826.D
Acq: 17 Mar 2023 16:43

Tgt Ion:154 Resp: 947321
Ion Ratio Lower Upper
154 100
153 110.3 89.4 134.0
152 53.8 43.4 65.2





#53
3-Nitroaniline
Concen: 31.352 ng
RT: 9.969 min Scan# 1255
Delta R.T. 0.000 min
Lab File: BF132826.D
Acq: 17 Mar 2023 16:43

Instrument :

BNA_F

ClientSampleId :

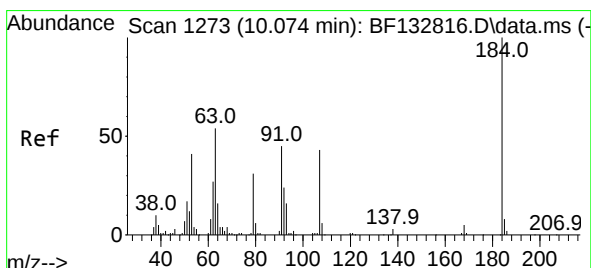
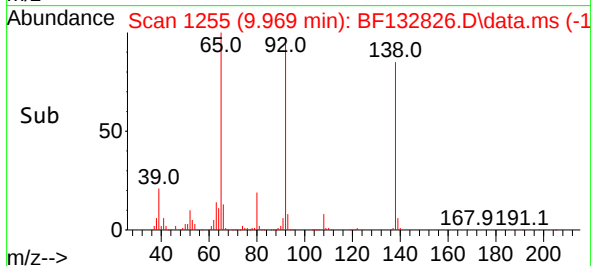
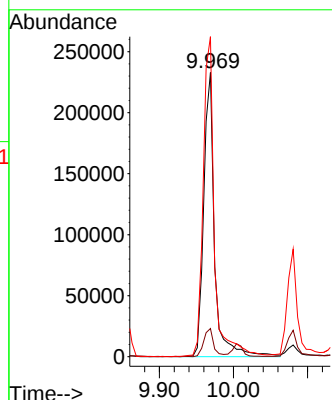
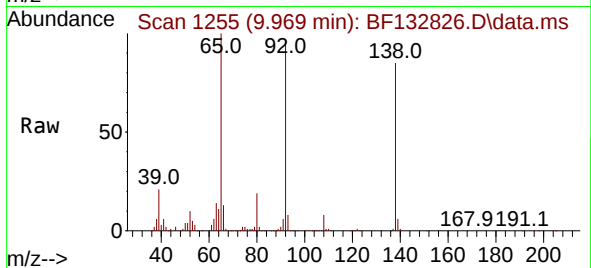
PB151494BS

Tgt Ion:138 Resp: 23645
Ion Ratio Lower Upper
138 100
108 9.9 8.2 12.2
92 112.6 93.3 139.9

Manual Integrations

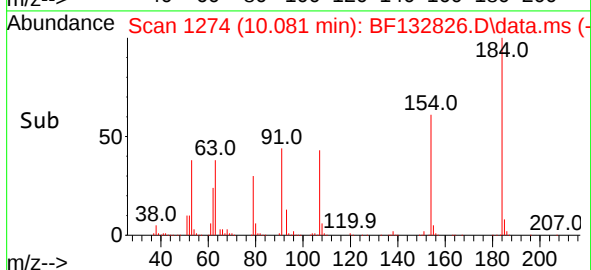
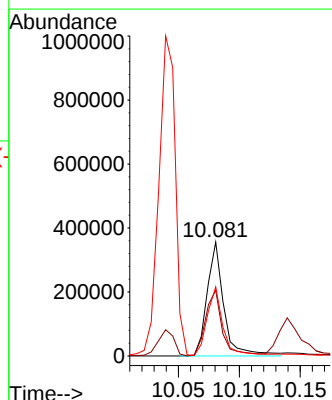
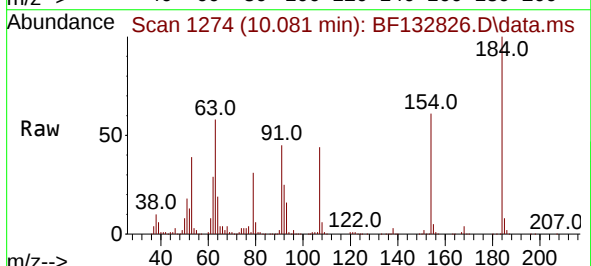
APPROVED

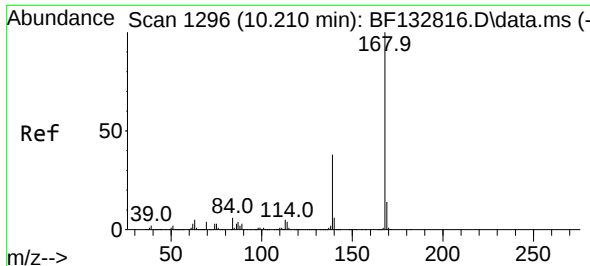
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#54
2,4-Dinitrophenol
Concen: 87.750 ng
RT: 10.081 min Scan# 1274
Delta R.T. 0.007 min
Lab File: BF132826.D
Acq: 17 Mar 2023 16:43

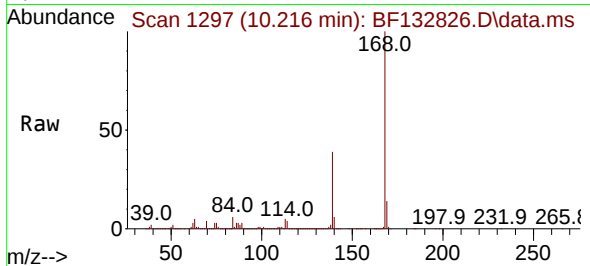
Tgt Ion:184 Resp: 339139
Ion Ratio Lower Upper
184 100
63 57.5 47.2 70.8
154 60.7 46.5 69.7





#55
Dibenzofuran
Concen: 41.343 ng
RT: 10.216 min Scan# 1296
Delta R.T. 0.006 min
Lab File: BF132826.D
Acq: 17 Mar 2023 16:43

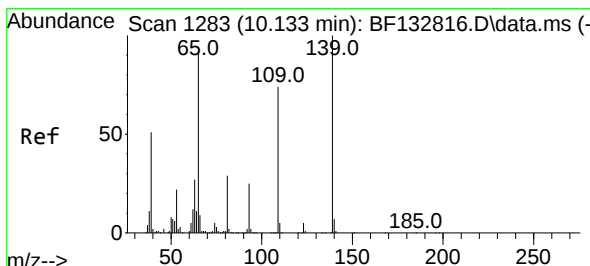
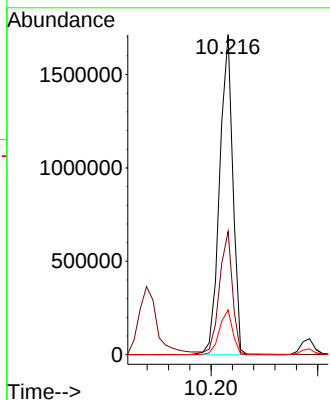
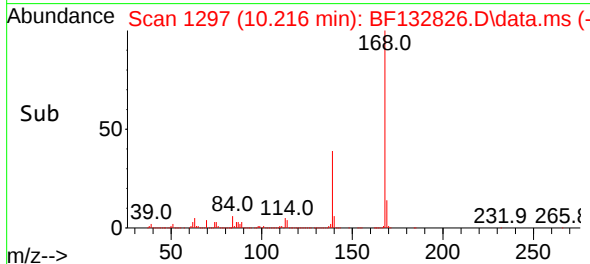
Instrument :
BNA_F
ClientSampleId :
PB151494BS



Tgt Ion:168 Resp: 1469664
Ion Ratio Lower Upper
168 100
139 38.5 31.0 46.6
169 14.0 11.3 16.9

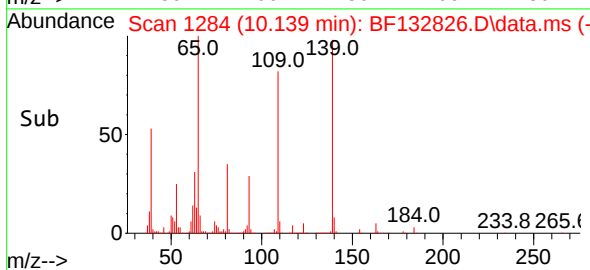
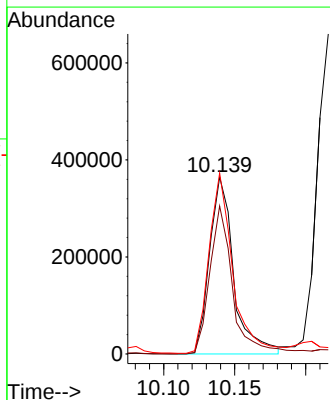
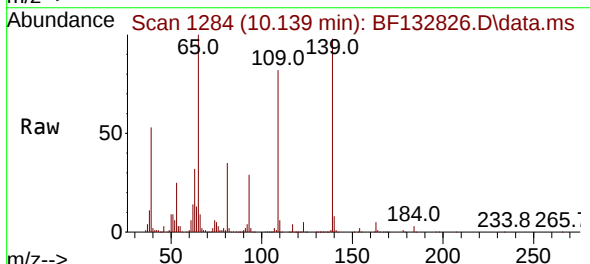
Manual Integrations
APPROVED

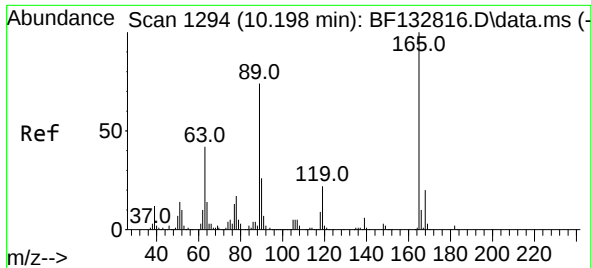
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#56
4-Nitrophenol
Concen: 95.929 ng
RT: 10.139 min Scan# 1284
Delta R.T. 0.006 min
Lab File: BF132826.D
Acq: 17 Mar 2023 16:43

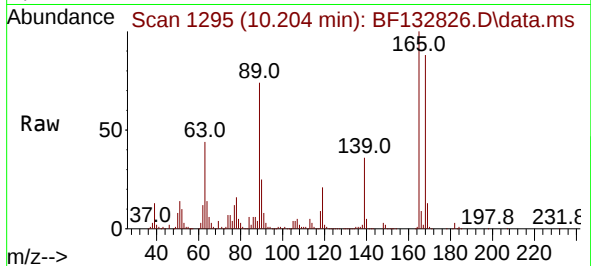
Tgt Ion:139 Resp: 431353
Ion Ratio Lower Upper
139 100
109 83.7 53.8 93.8
65 102.3 73.0 113.0





#57
2,4-Dinitrotoluene
Concen: 44.598 ng
RT: 10.204 min Scan# 1295
Delta R.T. 0.006 min
Lab File: BF132826.D
Acq: 17 Mar 2023 16:43

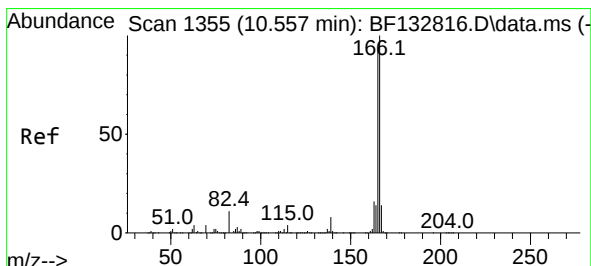
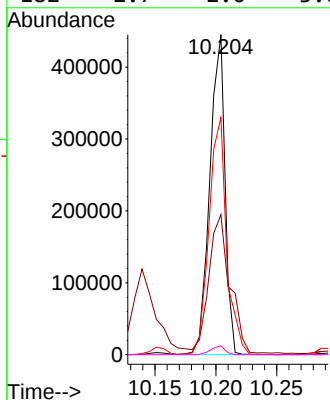
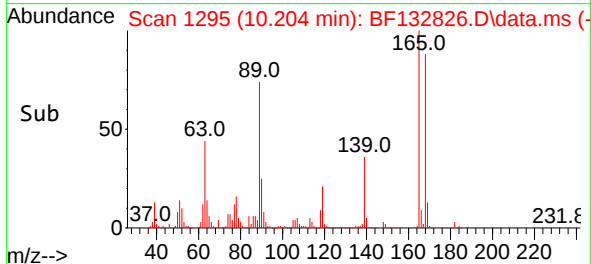
Instrument :
BNA_F
ClientSampleId :
PB151494BS



Tgt Ion:165 Resp: 384364
Ion Ratio Lower Upper
165 100
63 43.7 34.4 51.6
89 74.2 59.5 89.3
182 2.7 2.0 3.0

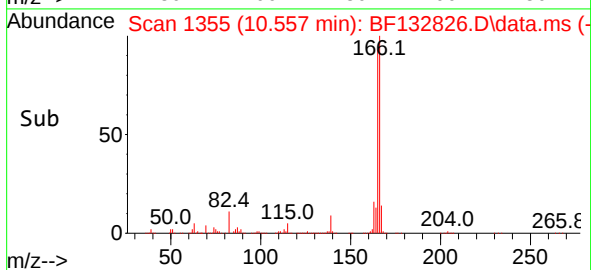
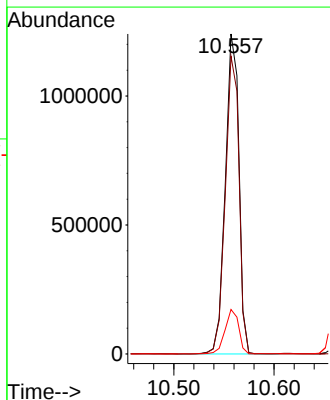
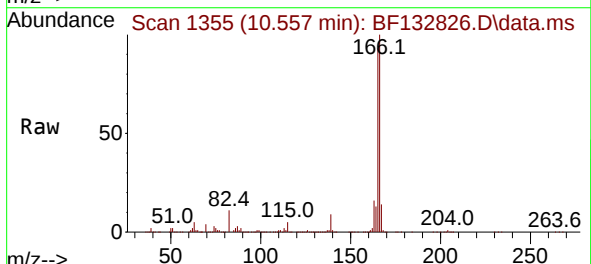
Manual Integrations
APPROVED

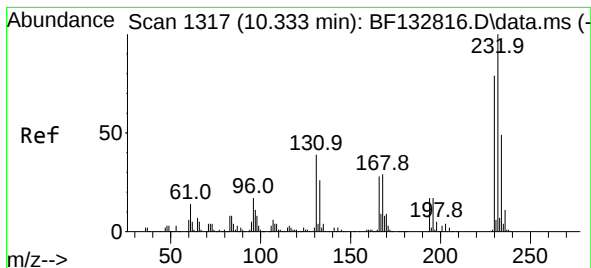
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#58
Fluorene
Concen: 41.209 ng
RT: 10.557 min Scan# 1355
Delta R.T. 0.000 min
Lab File: BF132826.D
Acq: 17 Mar 2023 16:43

Tgt Ion:166 Resp: 1164890
Ion Ratio Lower Upper
166 100
165 93.1 74.3 111.5
167 13.9 11.0 16.4





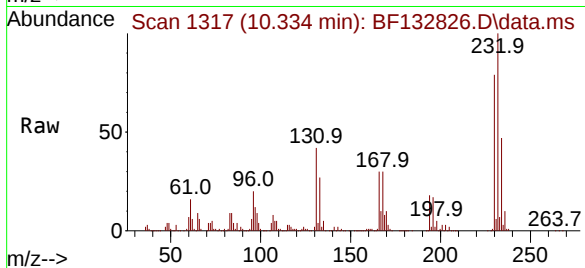
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.553 ng
RT: 10.334 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BF132826.D
Acq: 17 Mar 2023 16:43

Instrument :

BNA_F

ClientSampleId :

PB151494BS

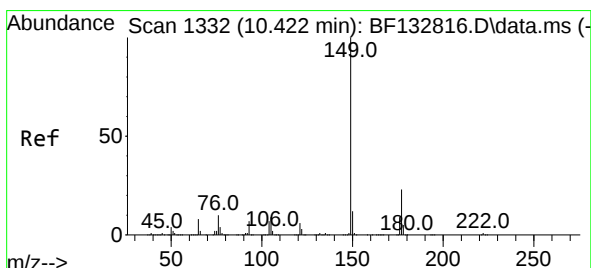
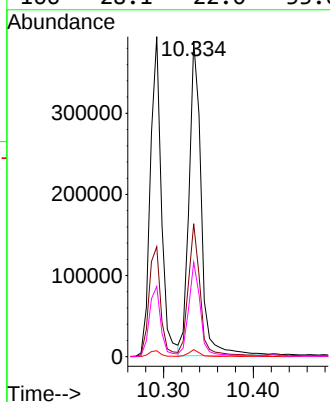
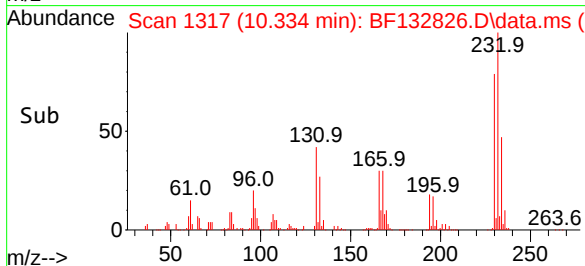


Tgt Ion:232 Resp: 364740
Ion Ratio Lower Upper
232 100
131 40.3 32.6 48.8
130 1.8 1.7 2.5
166 28.1 22.0 33.0

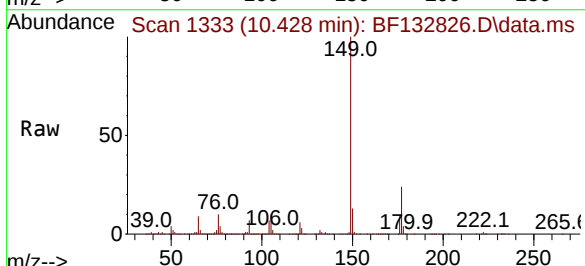
Manual Integrations

APPROVED

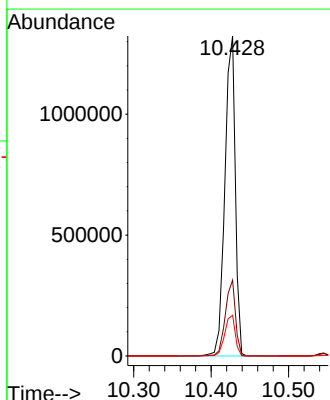
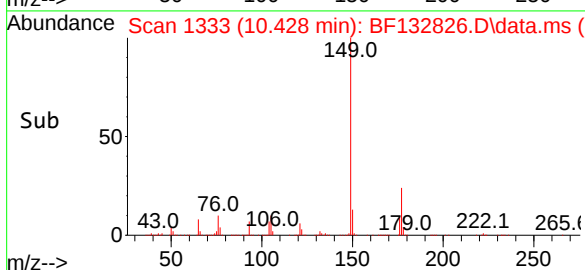
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023

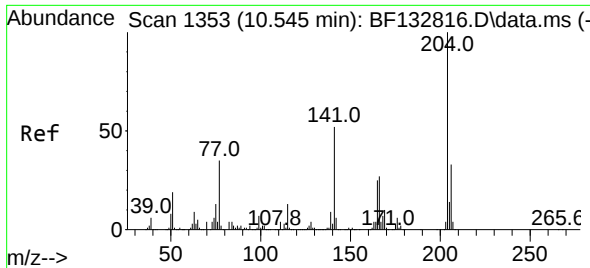


#60
Diethylphthalate
Concen: 42.646 ng
RT: 10.428 min Scan# 1333
Delta R.T. 0.006 min
Lab File: BF132826.D
Acq: 17 Mar 2023 16:43



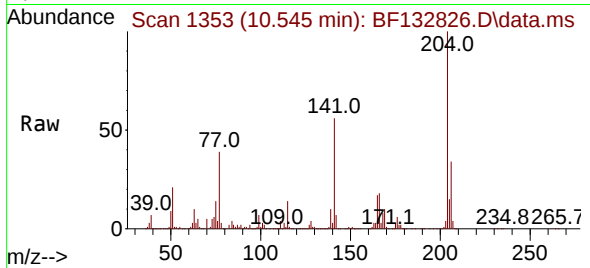
Tgt Ion:149 Resp: 1233140
Ion Ratio Lower Upper
149 100
177 23.7 18.6 28.0
150 12.7 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 40.996 ng
RT: 10.545 min Scan# 1353
Delta R.T. 0.000 min
Lab File: BF132826.D
Acq: 17 Mar 2023 16:43

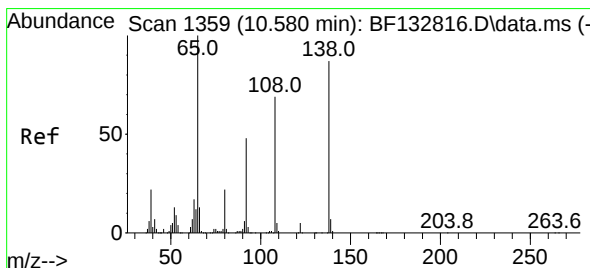
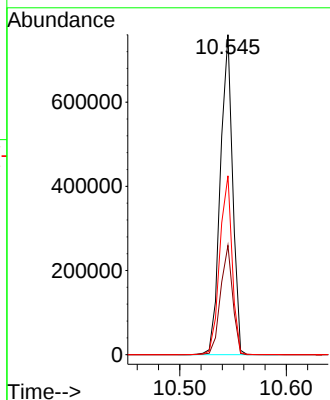
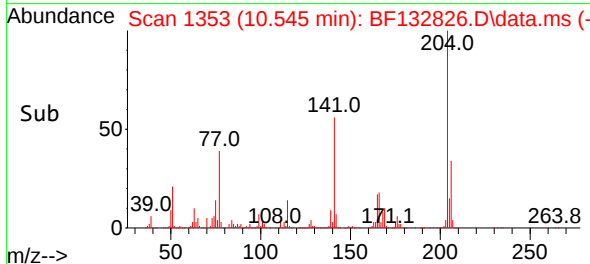
Instrument :
BNA_F
ClientSampleId :
PB151494BS



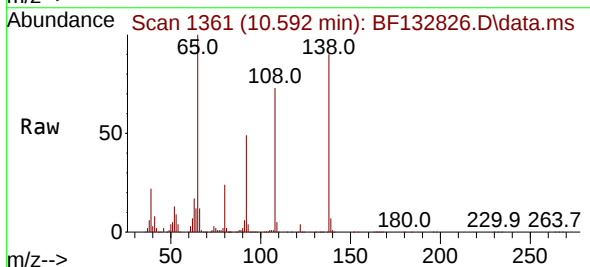
Tgt Ion:204 Resp: 608318
Ion Ratio Lower Upper
204 100
206 34.1 26.6 40.0
141 55.9 41.9 62.9

Manual Integrations
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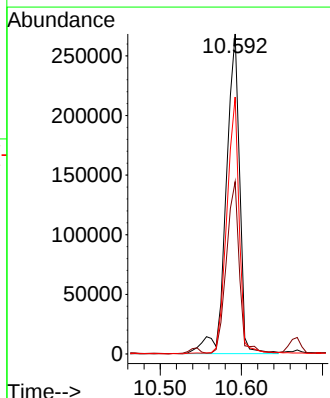
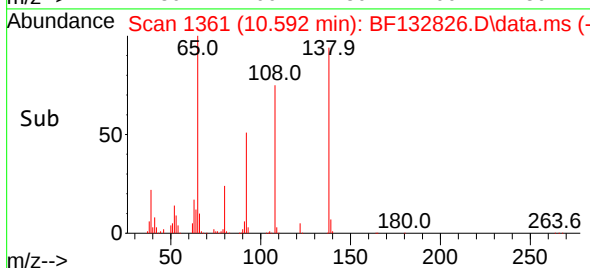
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023

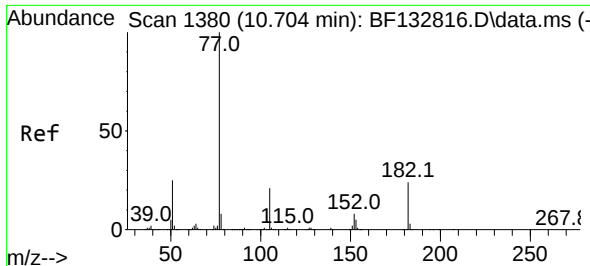


#62
4-Nitroaniline
Concen: 47.279 ng
RT: 10.592 min Scan# 1361
Delta R.T. 0.012 min
Lab File: BF132826.D
Acq: 17 Mar 2023 16:43



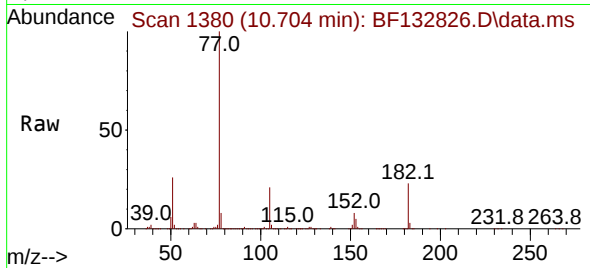
Tgt Ion:138 Resp: 311796
Ion Ratio Lower Upper
138 100
92 53.9 34.9 74.9
108 80.3 58.8 98.8





#63
Azobenzene
Concen: 42.136 ng
RT: 10.704 min Scan# 1380
Delta R.T. 0.000 min
Lab File: BF132826.D
Acq: 17 Mar 2023 16:43

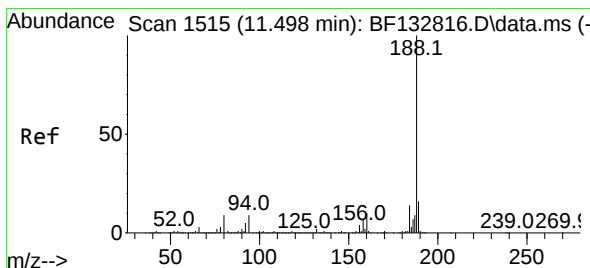
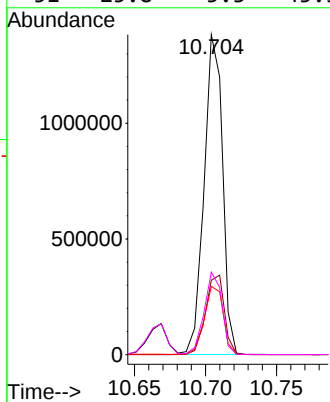
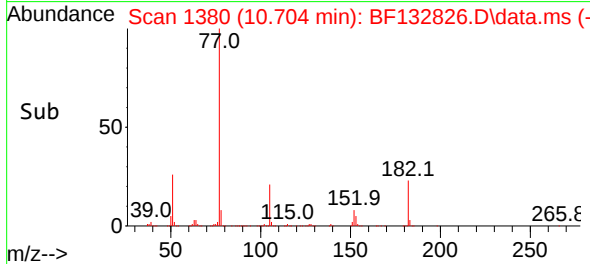
Instrument :
BNA_F
ClientSampleId :
PB151494BS



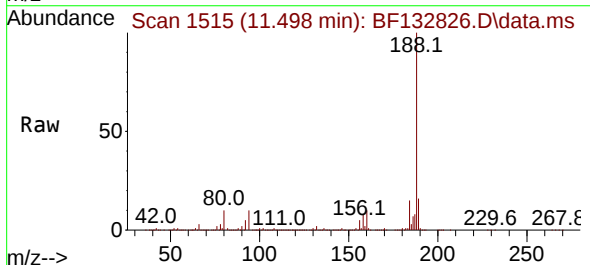
Tgt Ion: 77 Resp: 1245669
Ion Ratio Lower Upper
77 100
182 23.2 3.8 43.8
105 21.3 1.2 41.2
51 25.8 5.3 45.3

Manual Integrations
APPROVED

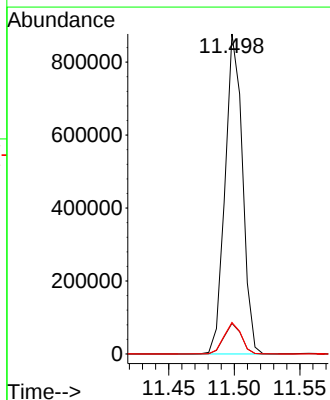
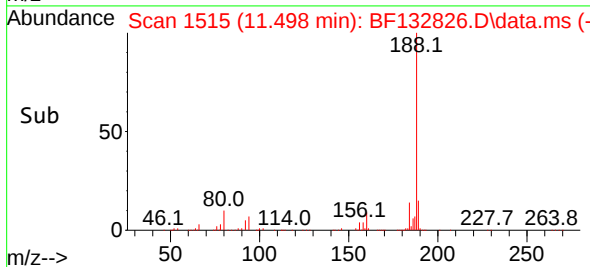
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023

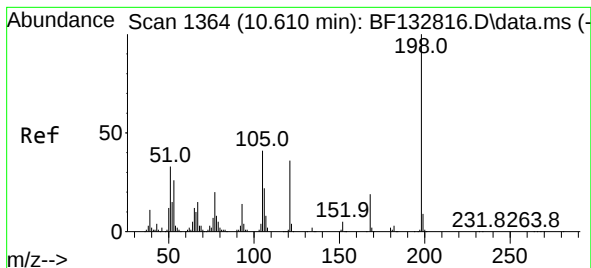


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1515
Delta R.T. 0.000 min
Lab File: BF132826.D
Acq: 17 Mar 2023 16:43



Tgt Ion:188 Resp: 810443
Ion Ratio Lower Upper
188 100
94 9.6 7.5 11.3
80 9.8 7.5 11.3





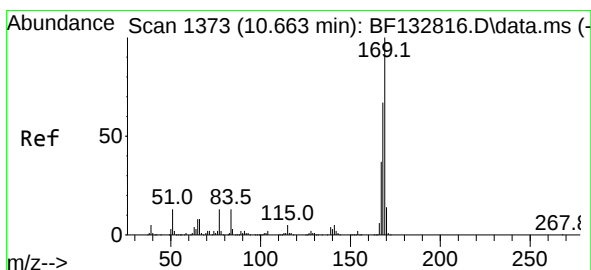
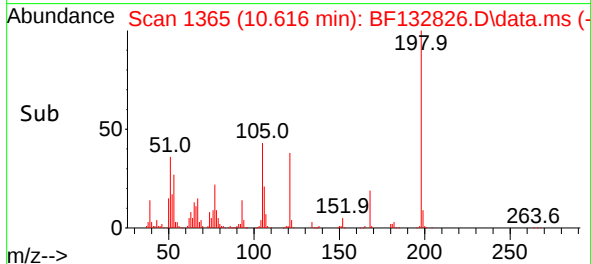
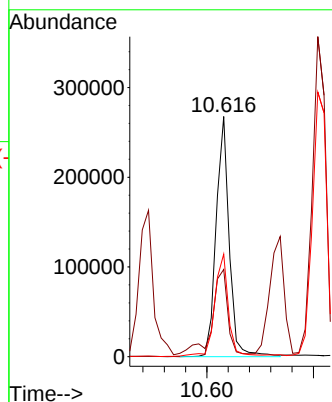
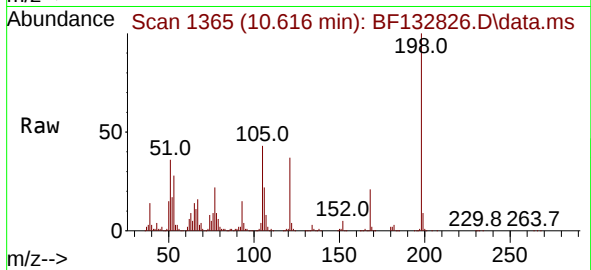
#65
4,6-Dinitro-2-methylphenol
Concen: 45.993 ng
RT: 10.616 min Scan# 1364
Delta R.T. 0.006 min
Lab File: BF132826.D
Acq: 17 Mar 2023 16:43

Instrument :
BNA_F
ClientSampleId :
PB151494BS

Tgt Ion:198 Resp: 228451
Ion Ratio Lower Upper
198 100
51 36.3 15.6 55.6
105 42.7 21.5 61.5

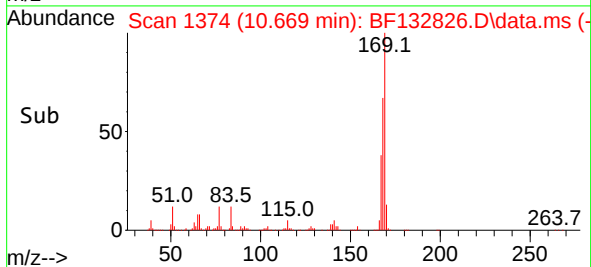
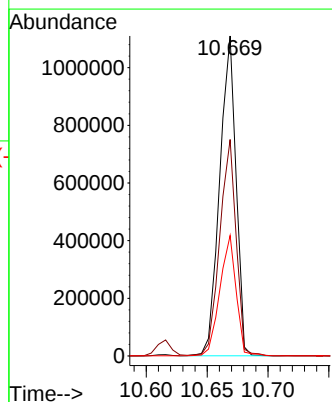
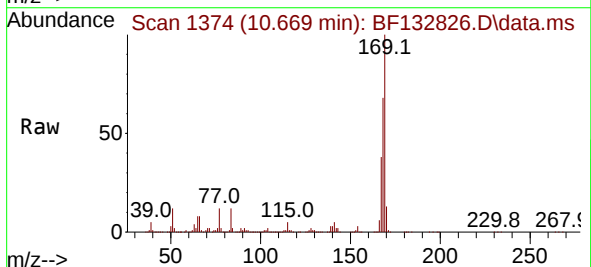
Manual Integrations
APPROVED

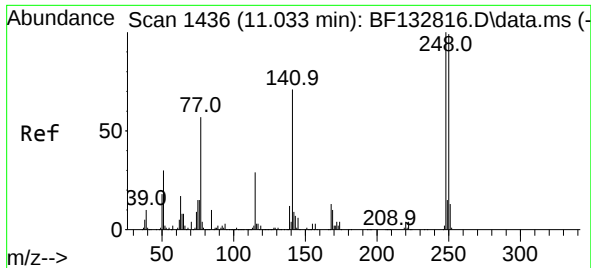
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#66
n-Nitrosodiphenylamine
Concen: 41.415 ng
RT: 10.669 min Scan# 1374
Delta R.T. 0.006 min
Lab File: BF132826.D
Acq: 17 Mar 2023 16:43

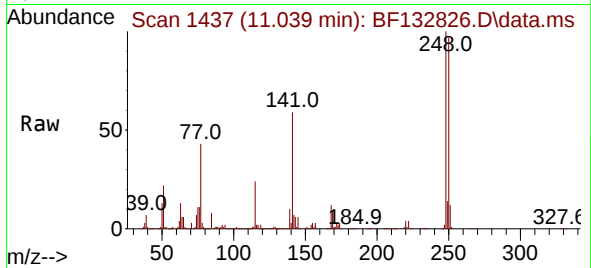
Tgt Ion:169 Resp: 1037311
Ion Ratio Lower Upper
169 100
168 67.7 54.2 81.2
167 37.7 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 41.498 ng
RT: 11.039 min Scan# 1436
Delta R.T. 0.006 min
Lab File: BF132826.D
Acq: 17 Mar 2023 16:43

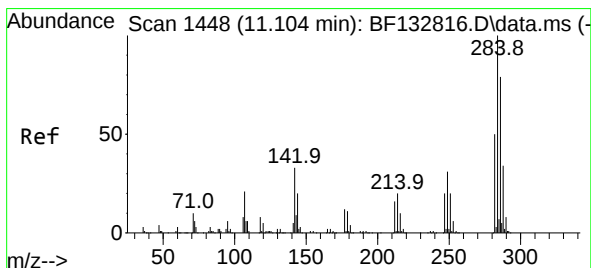
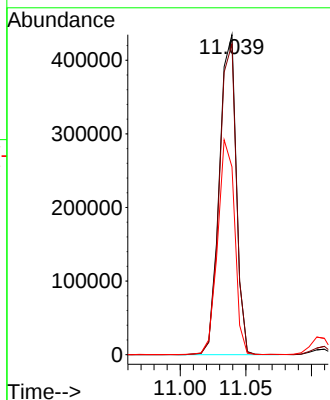
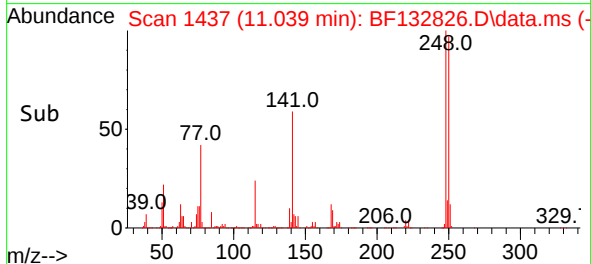
Instrument :
BNA_F
ClientSampleId :
PB151494BS



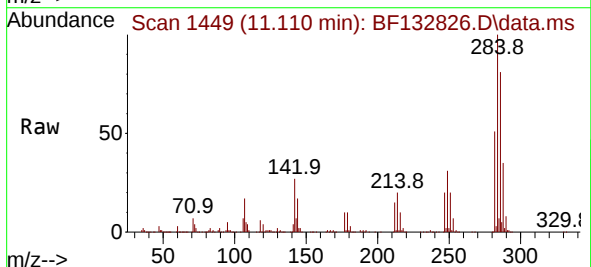
Tgt Ion:248 Resp: 388830
Ion Ratio Lower Upper
248 100
250 97.1 79.1 118.7
141 58.7 57.1 85.7

Manual Integrations
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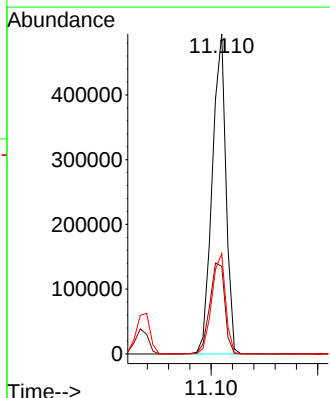
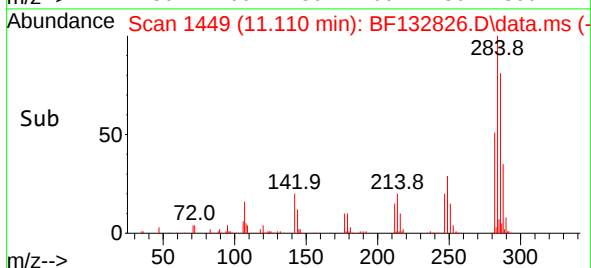
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023

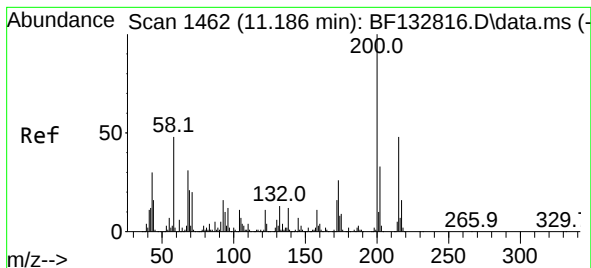


#68
Hexachlorobenzene
Concen: 44.695 ng
RT: 11.110 min Scan# 1449
Delta R.T. 0.006 min
Lab File: BF132826.D
Acq: 17 Mar 2023 16:43



Tgt Ion:284 Resp: 443487
Ion Ratio Lower Upper
284 100
142 27.4 26.2 39.2
249 31.4 24.9 37.3





#69

Atrazine

Concen: 48.754 ng

RT: 11.192 min Scan# 1463

Delta R.T. 0.006 min

Lab File: BF132826.D

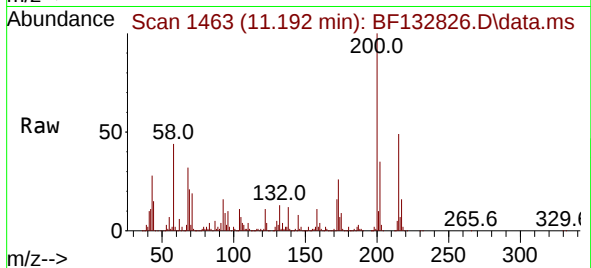
Acq: 17 Mar 2023 16:43

Instrument :

BNA_F

ClientSampleId :

PB151494BS



Tgt Ion:200 Resp: 351664

Ion Ratio Lower Upper

200 100

173 26.0 6.5 46.5

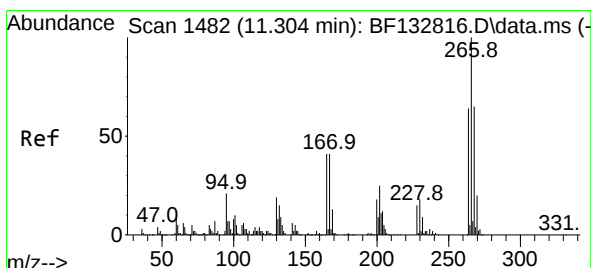
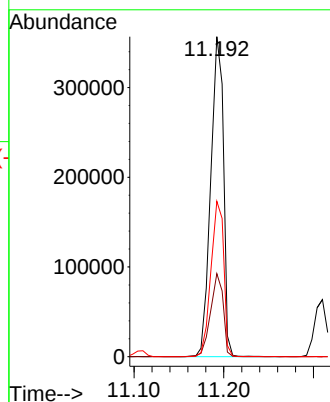
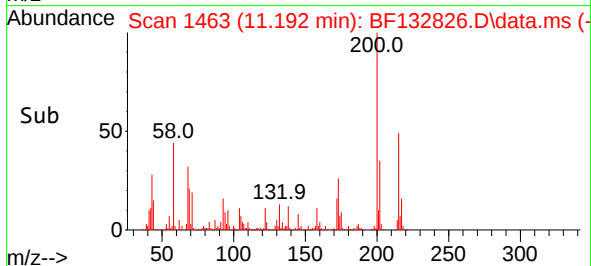
215 48.5 28.0 68.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/20/2023

Supervised By :Jagrut Upadhyay 03/20/2023



#70

Pentachlorophenol

Concen: 92.418 ng

RT: 11.310 min Scan# 1483

Delta R.T. 0.006 min

Lab File: BF132826.D

Acq: 17 Mar 2023 16:43

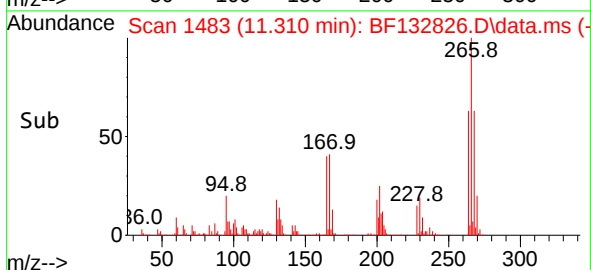
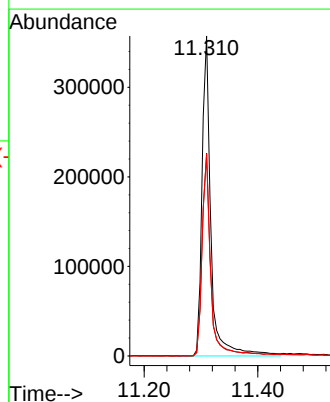
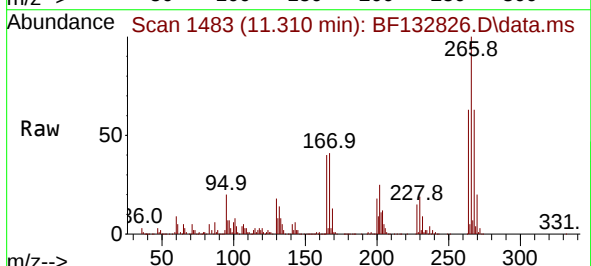
Tgt Ion:266 Resp: 389079

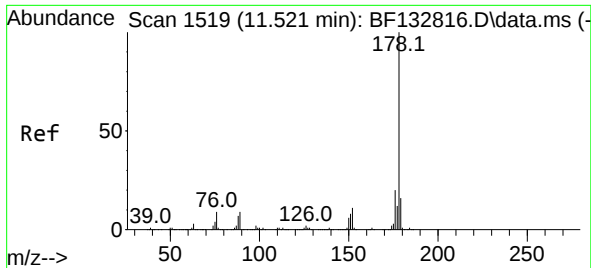
Ion Ratio Lower Upper

266 100

268 63.4 51.6 77.4

264 63.1 51.0 76.4





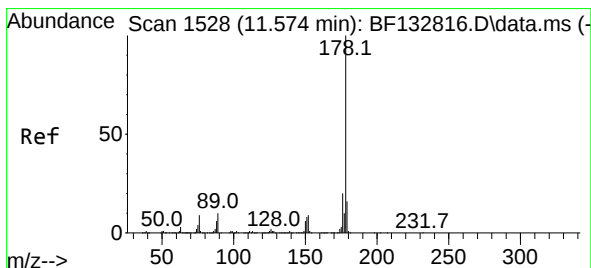
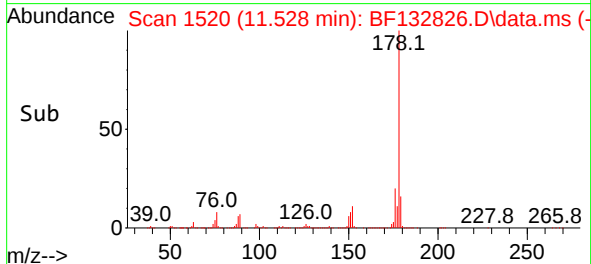
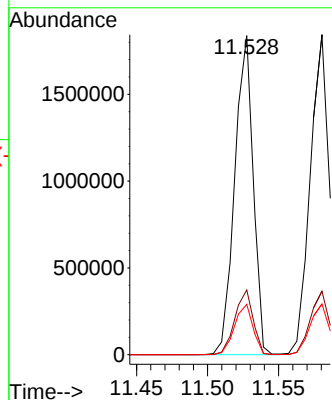
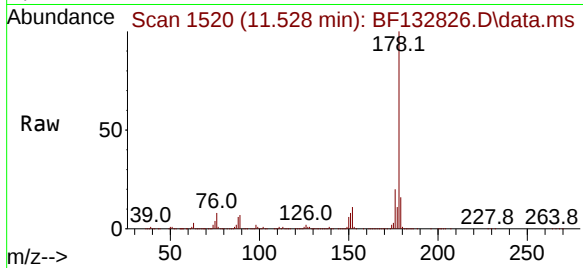
#71
Phenanthrene
Concen: 40.876 ng
RT: 11.528 min Scan# 1519
Delta R.T. 0.006 min
Lab File: BF132826.D
Acq: 17 Mar 2023 16:43

Instrument :
BNA_F
ClientSampleId :
PB151494BS

Tgt Ion:178 Resp: 166746
Ion Ratio Lower Upper
178 100
176 20.3 16.3 24.5
179 15.8 13.1 19.7

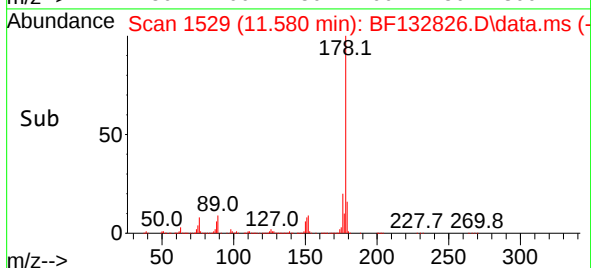
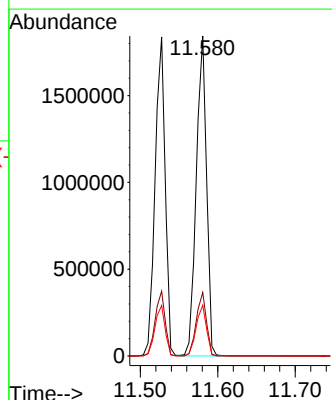
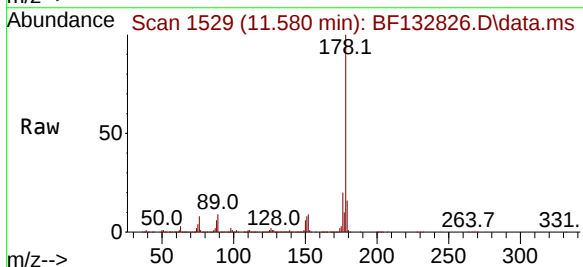
Manual Integrations
APPROVED

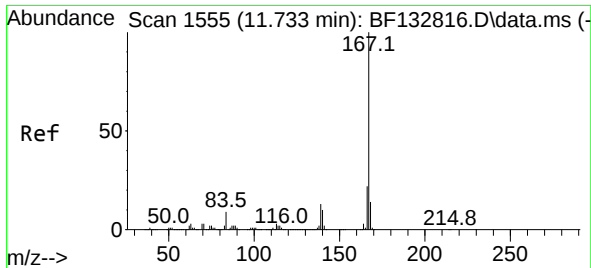
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#72
Anthracene
Concen: 40.662 ng
RT: 11.580 min Scan# 1529
Delta R.T. 0.006 min
Lab File: BF132826.D
Acq: 17 Mar 2023 16:43

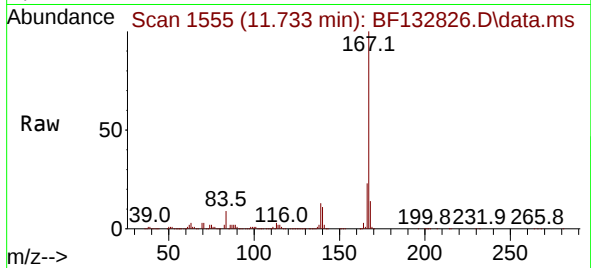
Tgt Ion:178 Resp: 1699213
Ion Ratio Lower Upper
178 100
176 19.8 15.7 23.5
179 15.9 12.8 19.2





#73
 Carbazole
 Concen: 41.316 ng
 RT: 11.733 min Scan# 1555
 Delta R.T. 0.000 min
 Lab File: BF132826.D
 Acq: 17 Mar 2023 16:43

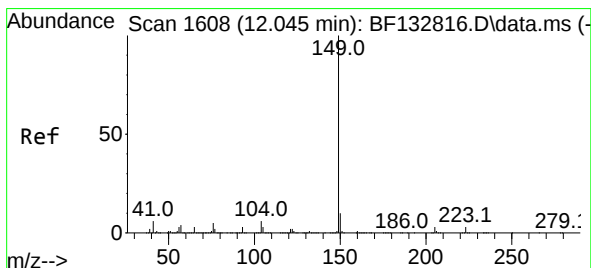
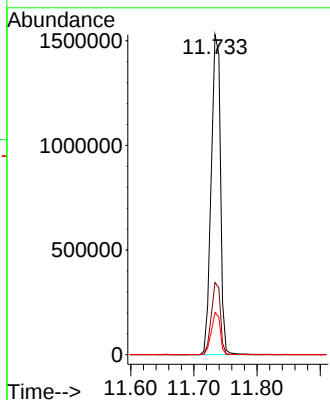
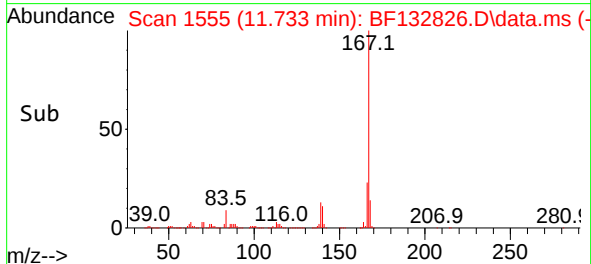
Instrument :
 BNA_F
 ClientSampleId :
 PB151494BS



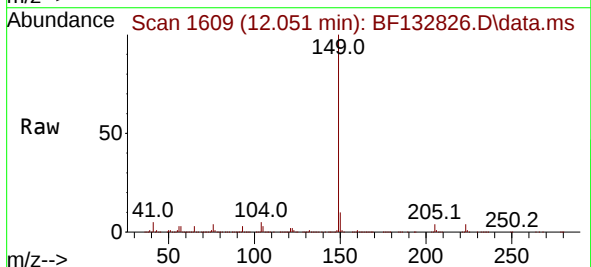
Tgt Ion:167 Resp: 1550190
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.6 26.4
 139 13.2 10.2 15.2

Manual Integrations
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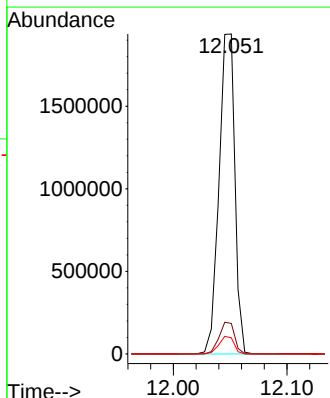
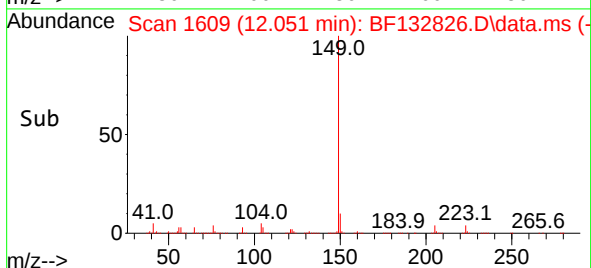
Reviewed By :Christian Giraldo 03/20/2023
 Supervised By :Jagrut Upadhyay 03/20/2023

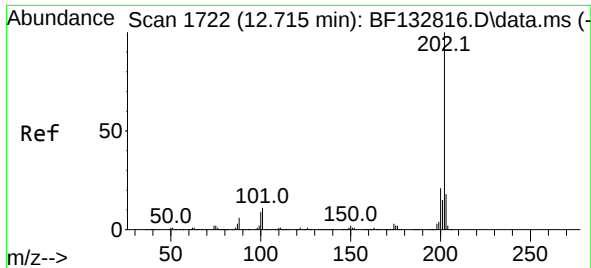


#74
 Di-n-butylphthalate
 Concen: 42.172 ng
 RT: 12.051 min Scan# 1609
 Delta R.T. 0.006 min
 Lab File: BF132826.D
 Acq: 17 Mar 2023 16:43



Tgt Ion:149 Resp: 1885103
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.8 11.8
 104 5.1 4.4 6.6





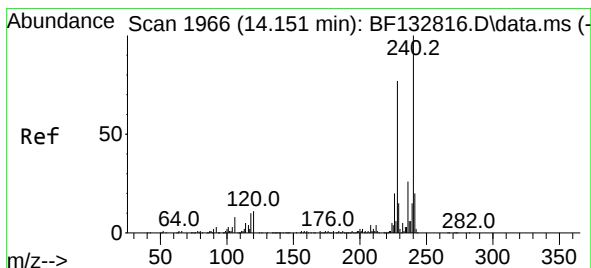
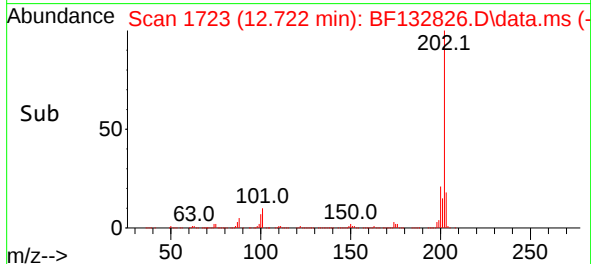
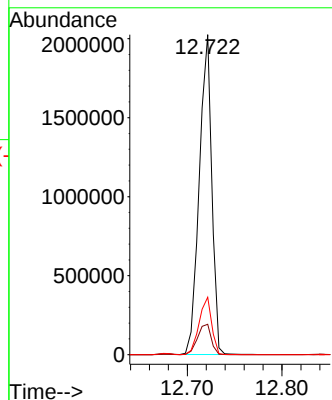
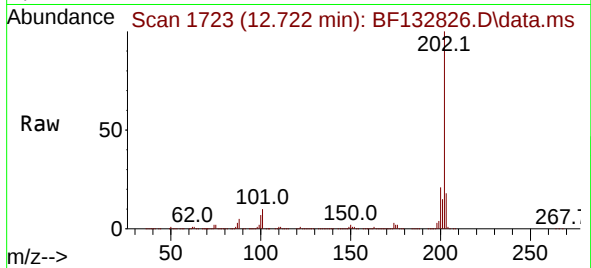
#75
Fluoranthene
Concen: 41.869 ng
RT: 12.722 min Scan# 1722
Delta R.T. 0.006 min
Lab File: BF132826.D
Acq: 17 Mar 2023 16:43

Instrument :
BNA_F
ClientSampleId :
PB151494BS

Tgt Ion:202 Resp: 1858718
Ion Ratio Lower Upper
202 100
101 9.5 0.0 31.3
203 18.0 0.0 38.5

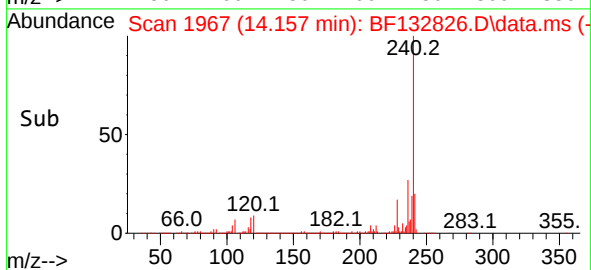
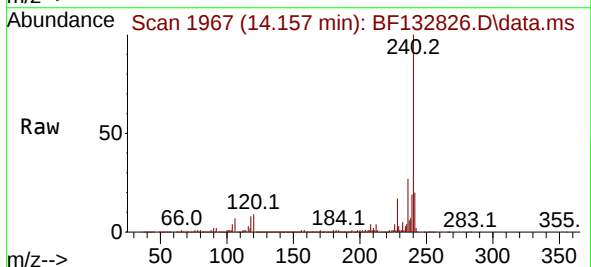
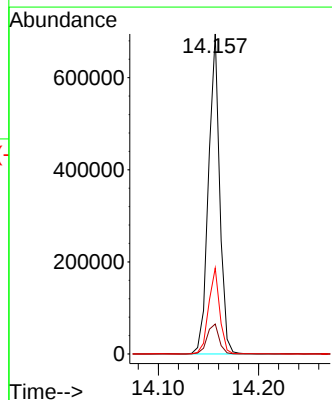
Manual Integrations
APPROVED

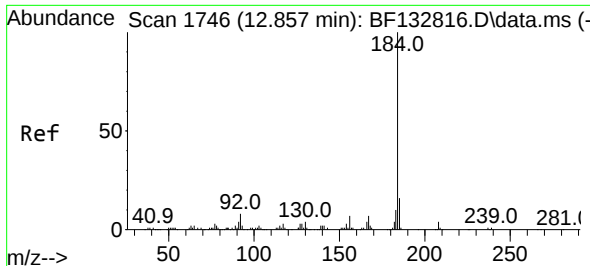
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.157 min Scan# 1967
Delta R.T. 0.006 min
Lab File: BF132826.D
Acq: 17 Mar 2023 16:43

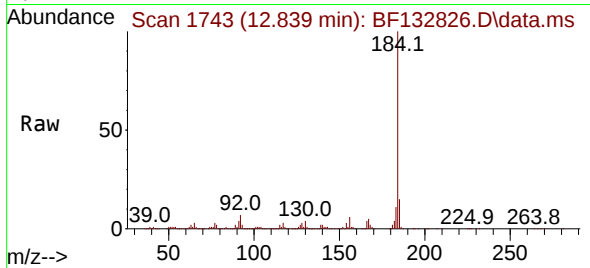
Tgt Ion:240 Resp: 542783
Ion Ratio Lower Upper
240 100
120 9.3 9.1 13.7
236 26.9 21.2 31.8





#77
Benzidine
Concen: 166.487 ng
RT: 12.839 min Scan# 1743
Delta R.T. -0.017 min
Lab File: BF132826.D
Acq: 17 Mar 2023 16:43

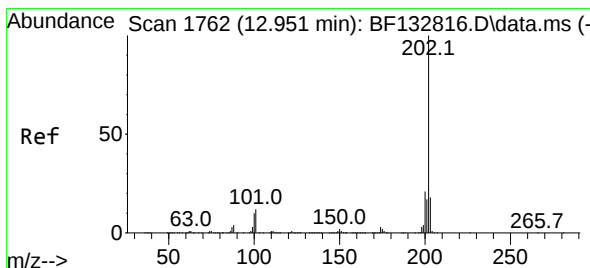
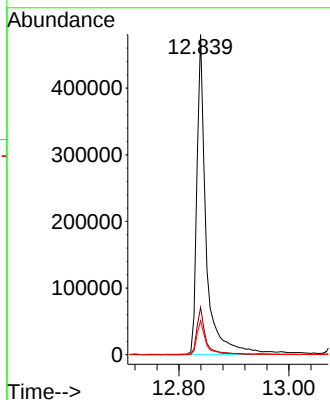
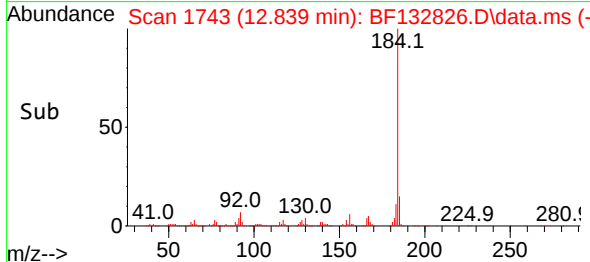
Instrument :
BNA_F
ClientSampleId :
PB151494BS



Tgt Ion:184 Resp: 562775
Ion Ratio Lower Upper
184 100
185 14.8 12.6 19.0
183 10.6 8.2 12.4

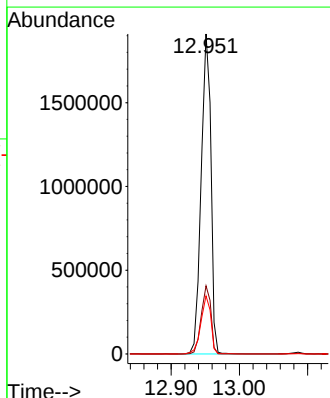
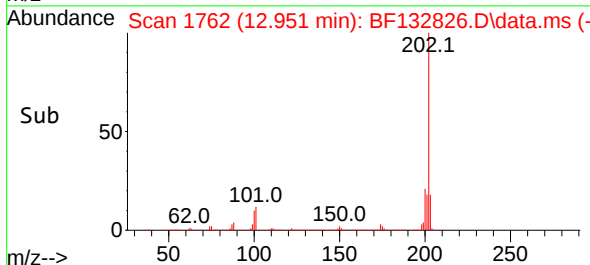
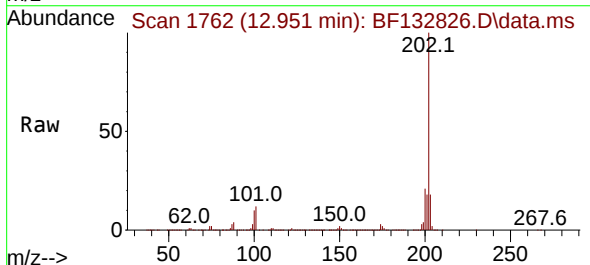
Manual Integrations
APPROVED

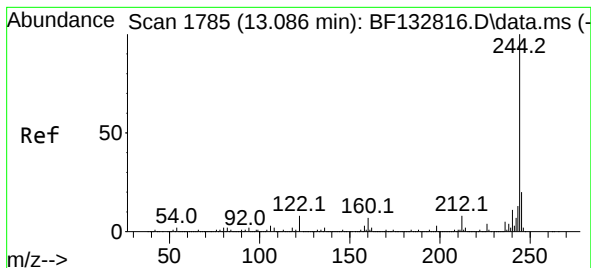
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#78
Pyrene
Concen: 42.017 ng
RT: 12.951 min Scan# 1762
Delta R.T. 0.000 min
Lab File: BF132826.D
Acq: 17 Mar 2023 16:43

Tgt Ion:202 Resp: 1895460
Ion Ratio Lower Upper
202 100
200 21.3 16.9 25.3
203 18.1 14.6 21.8





#79

Terphenyl-d14

Concen: 82.265 ng

RT: 13.086 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF132826.D

Acq: 17 Mar 2023 16:43

Instrument :

BNA_F

ClientSampleId :

PB151494BS

Tgt Ion:244 Resp: 247283

Ion Ratio Lower Upper

244 100

212 7.9 6.3 9.5

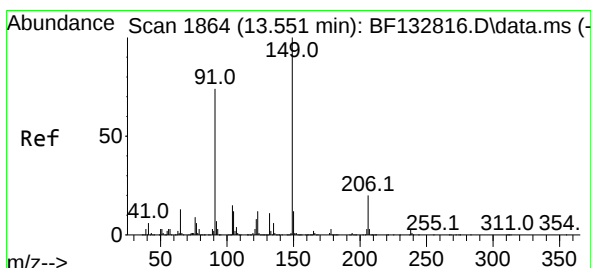
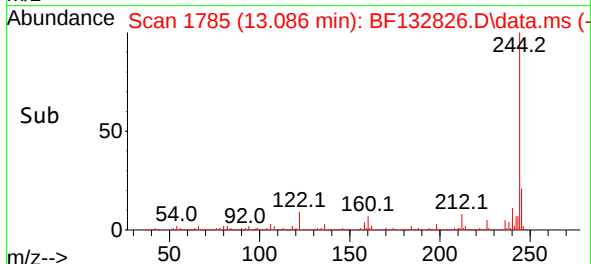
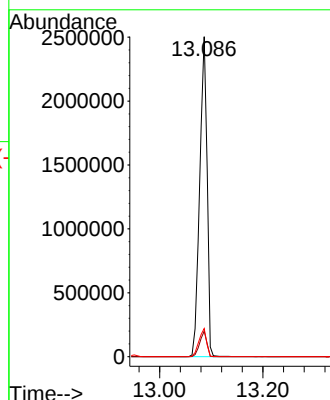
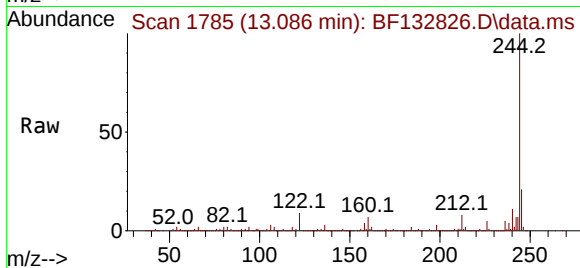
122 8.8 6.6 9.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/20/2023

Supervised By :Jagrut Upadhyay 03/20/2023



#80

Butylbenzylphthalate

Concen: 42.436 ng

RT: 13.557 min Scan# 1865

Delta R.T. 0.006 min

Lab File: BF132826.D

Acq: 17 Mar 2023 16:43

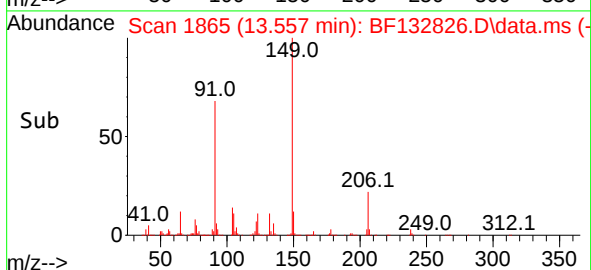
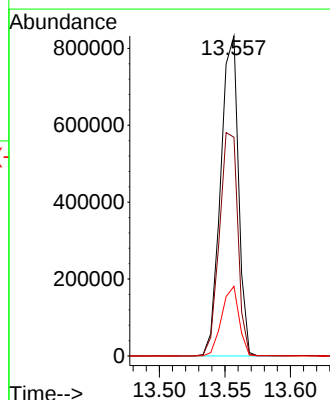
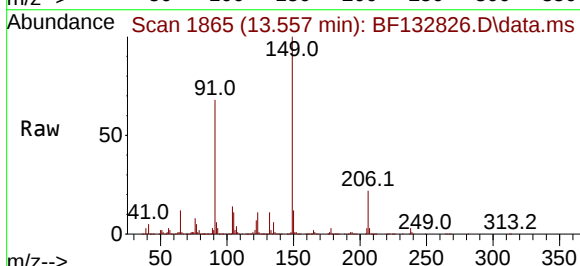
Tgt Ion:149 Resp: 783158

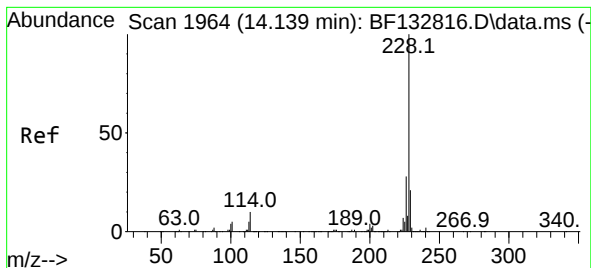
Ion Ratio Lower Upper

149 100

91 68.4 59.5 89.3

206 21.8 16.2 24.4





#81

Benzo(a)anthracene

Concen: 42.909 ng

RT: 14.145 min Scan# 1965

Delta R.T. 0.006 min

Lab File: BF132826.D

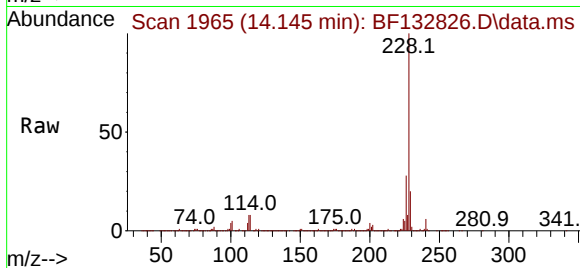
Acq: 17 Mar 2023 16:43

Instrument :

BNA_F

ClientSampleId :

PB151494BS



Tgt Ion:228 Resp: 168581

Ion Ratio Lower Upper

228 100

226 28.3 22.2 33.4

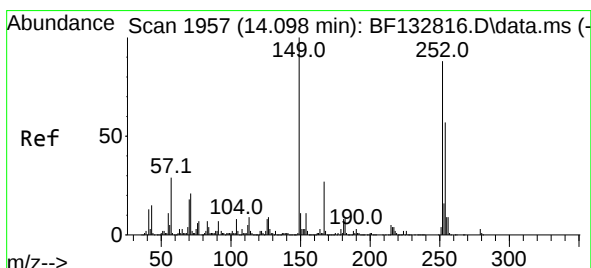
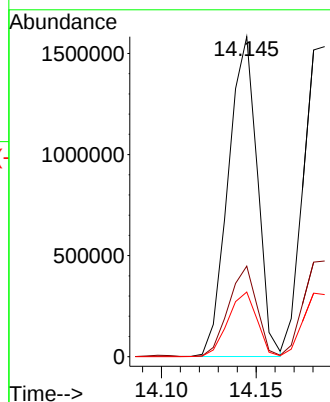
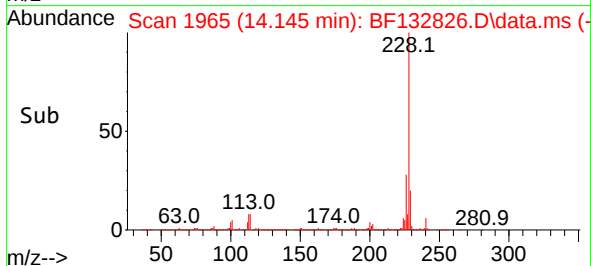
229 20.2 16.5 24.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/20/2023

Supervised By :Jagrut Upadhyay 03/20/2023



#82

3,3'-Dichlorobenzidine

Concen: 35.719 ng

RT: 14.098 min Scan# 1957

Delta R.T. 0.000 min

Lab File: BF132826.D

Acq: 17 Mar 2023 16:43

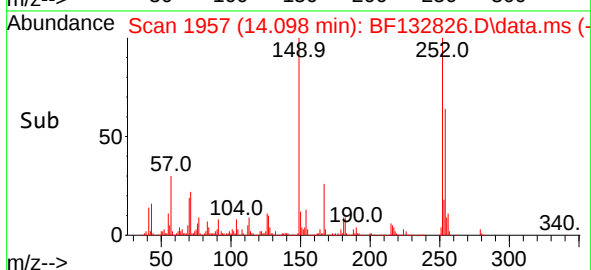
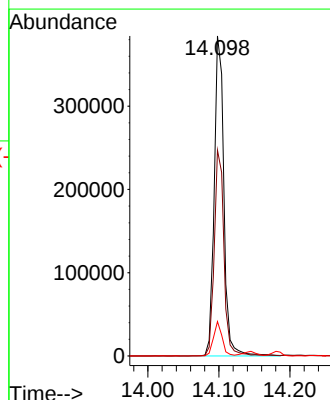
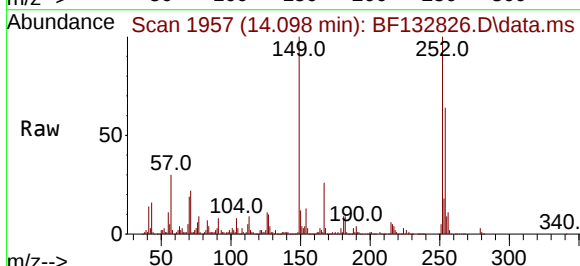
Tgt Ion:252 Resp: 364278

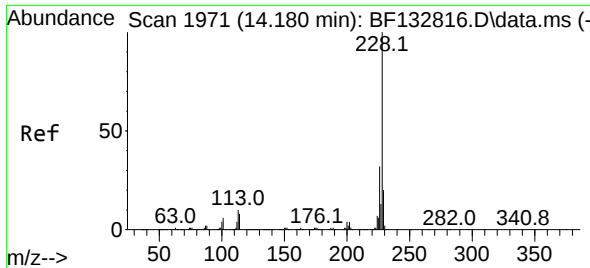
Ion Ratio Lower Upper

252 100

254 64.3 52.2 78.4

126 10.7 7.5 11.3





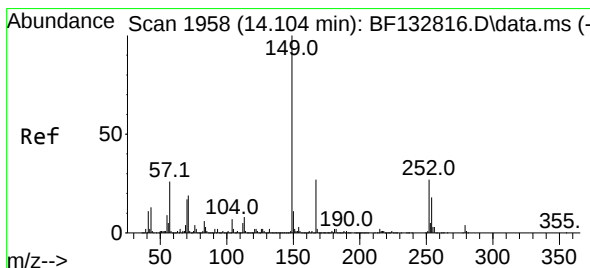
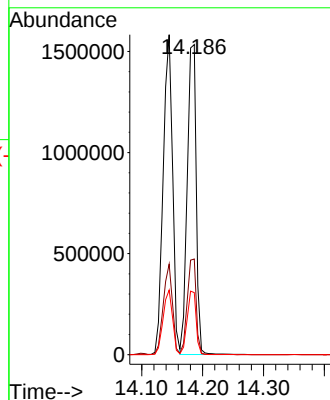
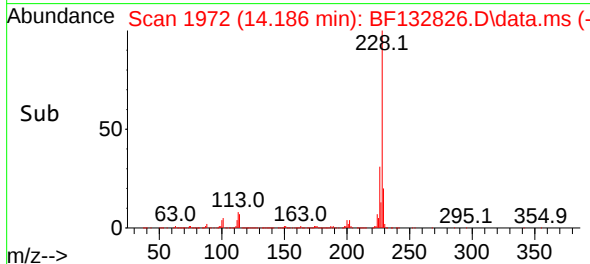
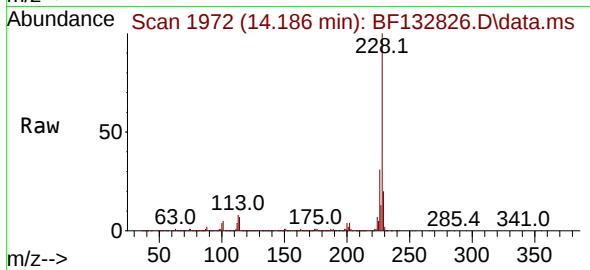
#83
Chrysene
Concen: 42.473 ng
RT: 14.186 min Scan# 1971
Delta R.T. 0.006 min
Lab File: BF132826.D
Acq: 17 Mar 2023 16:43

Instrument :
BNA_F
ClientSampleId :
PB151494BS

Tgt Ion:228 Resp: 157683
Ion Ratio Lower Upper
228 100
226 30.9 25.4 38.0
229 20.0 16.1 24.1

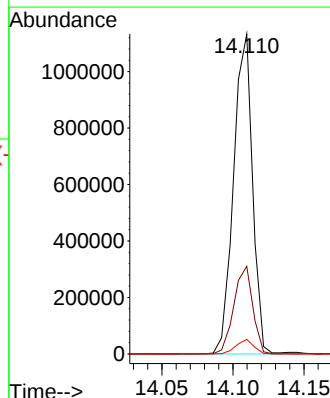
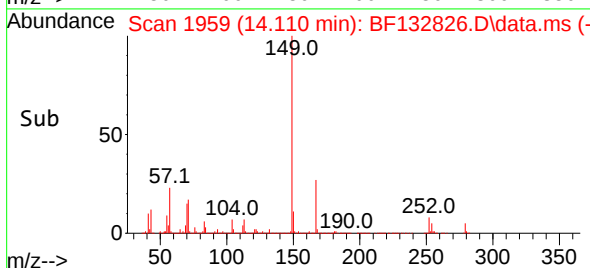
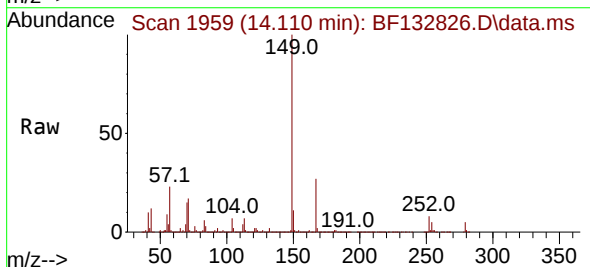
Manual Integrations
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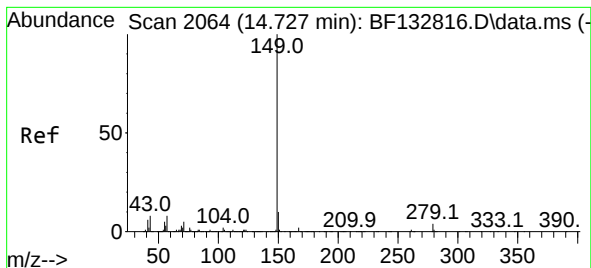
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.249 ng
RT: 14.110 min Scan# 1959
Delta R.T. 0.006 min
Lab File: BF132826.D
Acq: 17 Mar 2023 16:43

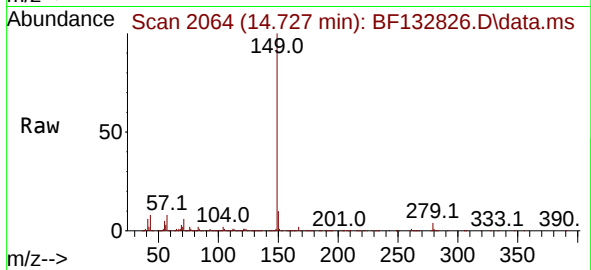
Tgt Ion:149 Resp: 1050076
Ion Ratio Lower Upper
149 100
167 27.4 21.4 32.0
279 4.5 2.9 4.3#





#85
Di-n-octyl phthalate
Concen: 47.840 ng
RT: 14.727 min Scan# 2064
Delta R.T. 0.000 min
Lab File: BF132826.D
Acq: 17 Mar 2023 16:43

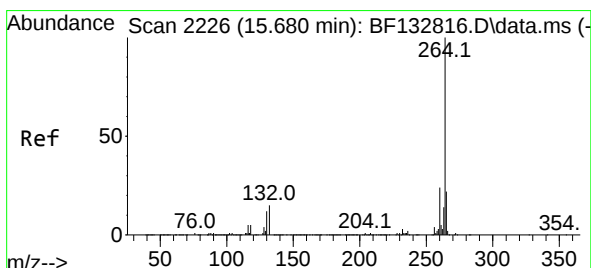
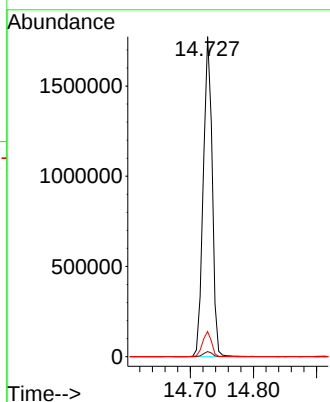
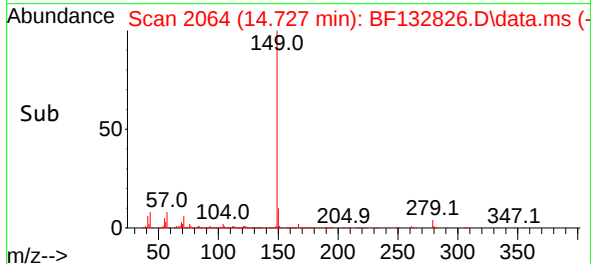
Instrument :
BNA_F
ClientSampleId :
PB151494BS



Tgt Ion:149 Resp: 1739220
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.9 6.2 9.4

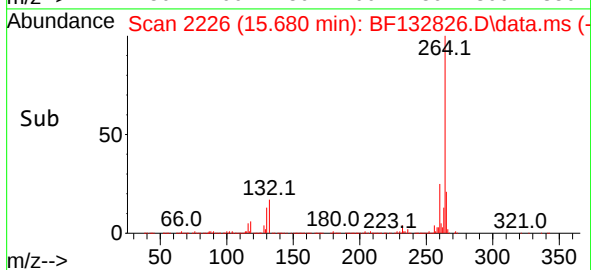
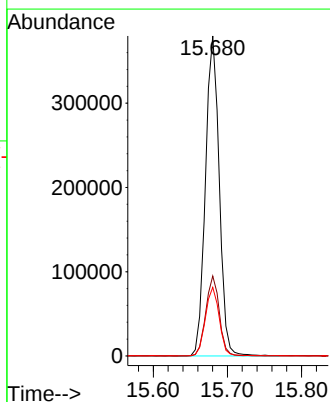
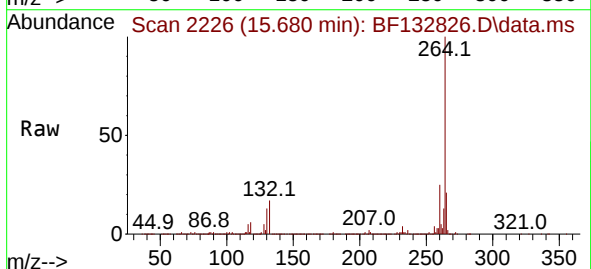
Manual Integrations
APPROVED

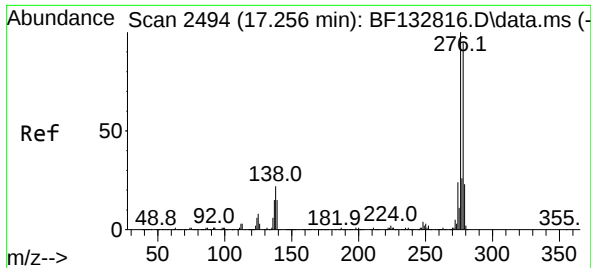
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.680 min Scan# 2226
Delta R.T. 0.000 min
Lab File: BF132826.D
Acq: 17 Mar 2023 16:43

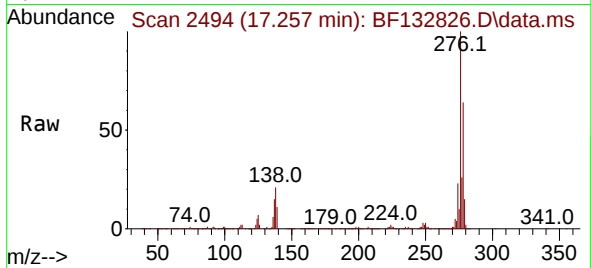
Tgt Ion:264 Resp: 491646
Ion Ratio Lower Upper
264 100
260 25.0 18.9 28.3
265 21.4 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 44.909 ng
RT: 17.257 min Scan# 2494
Delta R.T. 0.000 min
Lab File: BF132826.D
Acq: 17 Mar 2023 16:43

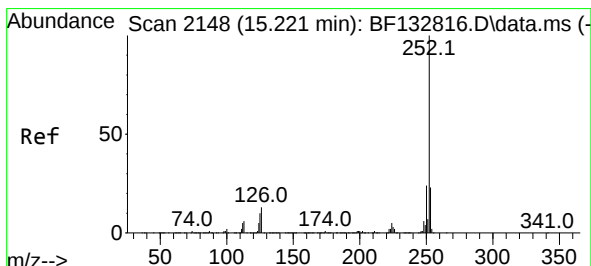
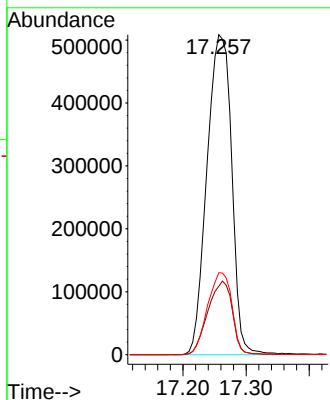
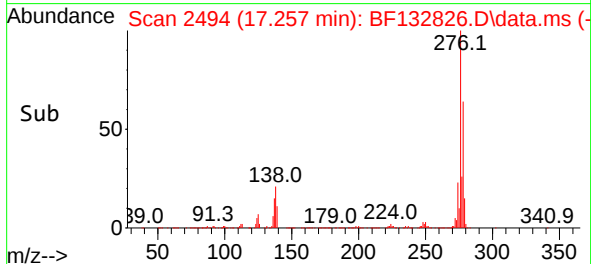
Instrument :
BNA_F
ClientSampleId :
PB151494BS



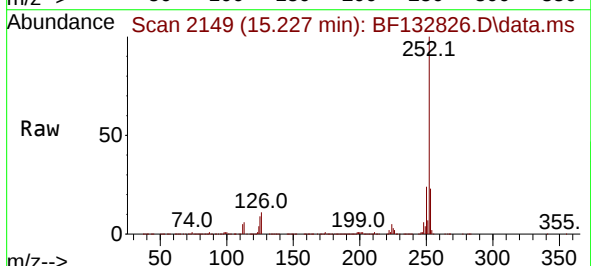
Tgt Ion:276 Resp: 138406
Ion Ratio Lower Upper
276 100
138 22.8 18.8 28.2
277 25.5 20.3 30.5

Manual Integrations
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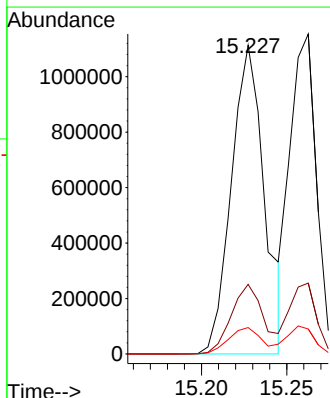
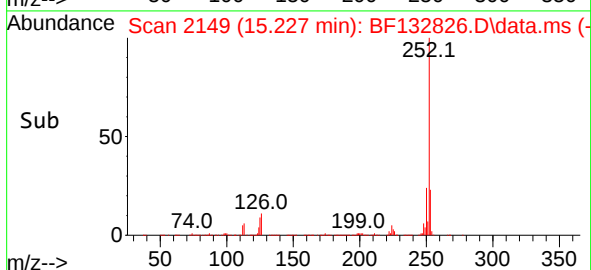
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023

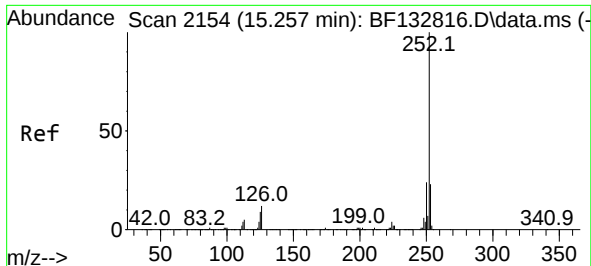


#88
Benzo(b)fluoranthene
Concen: 46.774 ng
RT: 15.227 min Scan# 2149
Delta R.T. 0.006 min
Lab File: BF132826.D
Acq: 17 Mar 2023 16:43



Tgt Ion:252 Resp: 1500041
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.4
125 8.5 7.8 11.8





#89

Benzo(k)fluoranthene

Concen: 39.957 ng

RT: 15.263 min Scan# 2154

Delta R.T. 0.006 min

Lab File: BF132826.D

Acq: 17 Mar 2023 16:43

Instrument :

BNA_F

ClientSampleId :

PB151494BS

Tgt Ion:252 Resp: 125224

Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.4

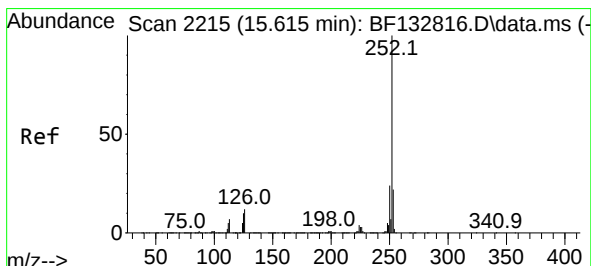
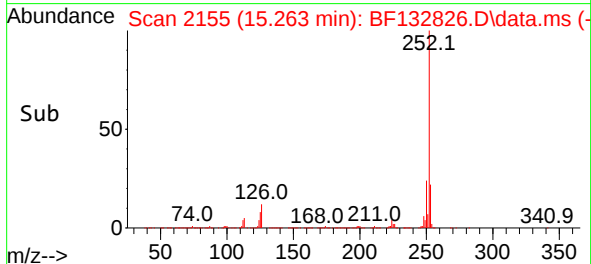
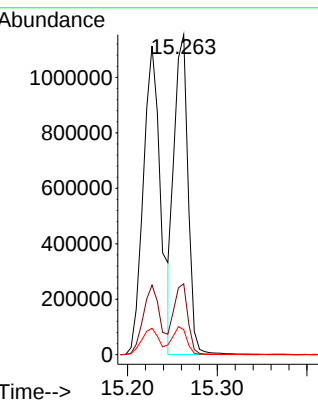
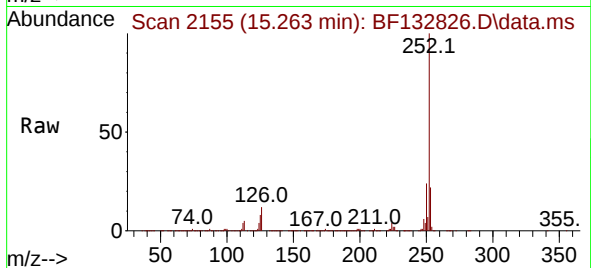
125 7.8 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/20/2023

Supervised By :Jagrut Upadhyay 03/20/2023



#90

Benzo(a)pyrene

Concen: 41.803 ng

RT: 15.616 min Scan# 2215

Delta R.T. 0.000 min

Lab File: BF132826.D

Acq: 17 Mar 2023 16:43

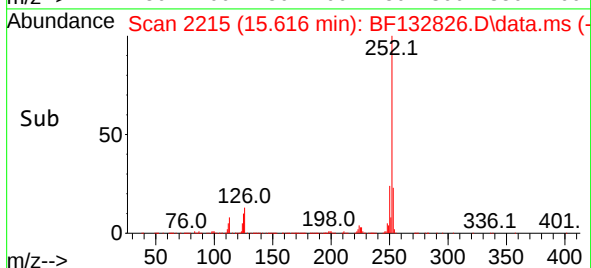
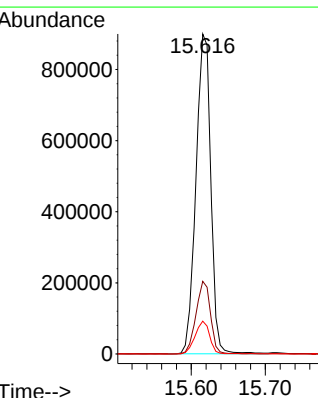
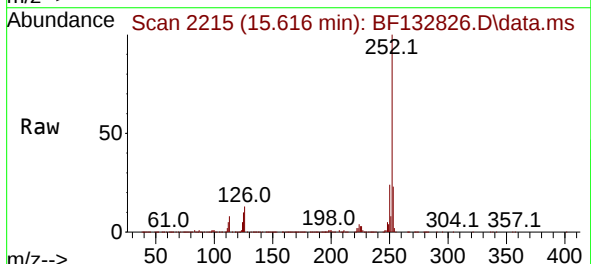
Tgt Ion:252 Resp: 1249793

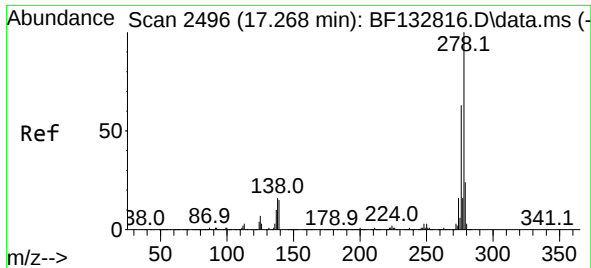
Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.6

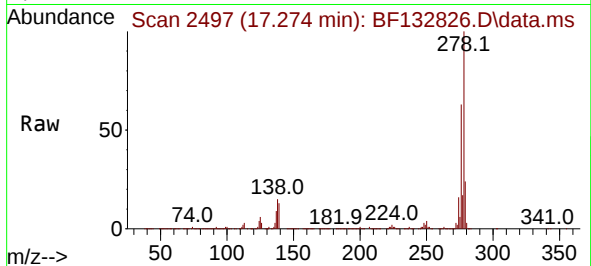
125 10.3 7.7 11.5





#91
Dibenzo(a,h)anthracene
Concen: 44.759 ng
RT: 17.274 min Scan# 2496
Delta R.T. 0.006 min
Lab File: BF132826.D
Acq: 17 Mar 2023 16:43

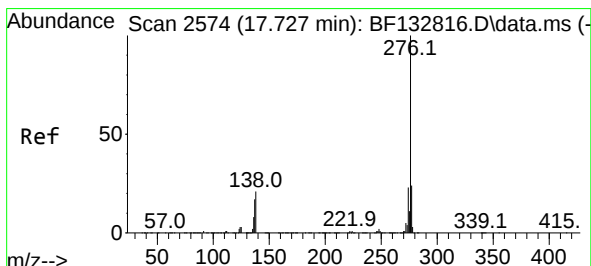
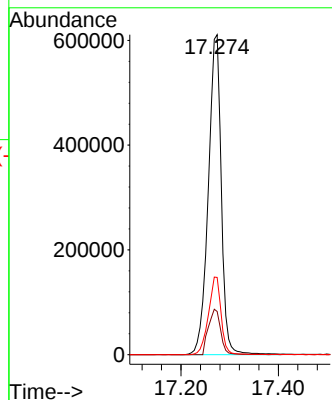
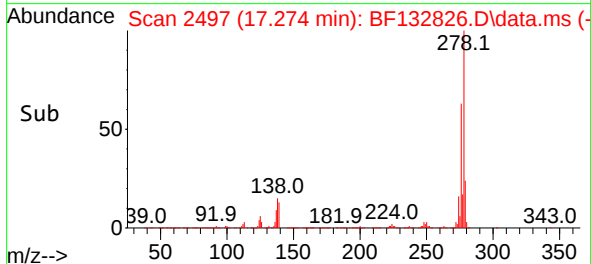
Instrument :
BNA_F
ClientSampleId :
PB151494BS



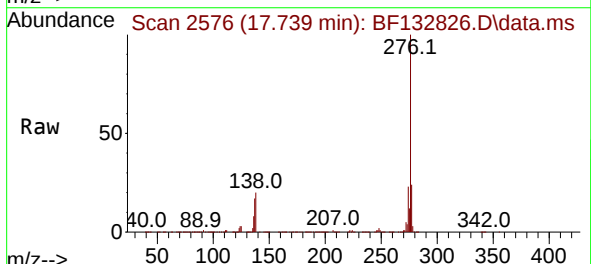
Tgt Ion:278 Resp: 112572
Ion Ratio Lower Upper
278 100
139 13.5 11.8 17.8
279 24.2 19.1 28.7

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#92
Benzo(g,h,i)perylene
Concen: 45.407 ng
RT: 17.739 min Scan# 2576
Delta R.T. 0.012 min
Lab File: BF132826.D
Acq: 17 Mar 2023 16:43



Tgt Ion:276 Resp: 1193266
Ion Ratio Lower Upper
276 100
277 23.7 19.0 28.6
138 19.6 16.8 25.2

