

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022223\
 Data File : BF132514.D
 Acq On : 22 Feb 2023 19:44
 Operator : CG\JU
 Sample : PB150932BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150932BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/23/2023
 Supervised By : Jagrut Upadhyay 02/23/2023

Quant Time: Feb 23 01:19:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 23 00:59:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.007	152	200346	20.000	ng	0.00
21) Naphthalene-d8	8.295	136	717653	20.000	ng	0.00
39) Acenaphthene-d10	10.060	164	393522	20.000	ng	0.00
64) Phenanthrene-d10	11.554	188	772772	20.000	ng	0.00
76) Chrysene-d12	14.218	240	505142	20.000	ng	0.00
86) Perylene-d12	15.765	264	448644	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.648	112	1168125	94.628	ng	0.01
7) Phenol-d6	6.642	99	1508441	93.631	ng	0.00
23) Nitrobenzene-d5	7.578	82	1006905	66.567	ng	0.00
42) 2,4,6-Tribromophenol	10.860	330	415521	97.773	ng	0.00
45) 2-Fluorobiphenyl	9.372	172	1602353	62.000	ng	0.00
79) Terphenyl-d14	13.148	244	1931546	64.650	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.996	88	283657	41.541	ng	100
3) Pyridine	3.737	79	699251	38.579	ng	99
4) n-Nitrosodimethylamine	3.707	42	290682	42.457	ng	95
6) Aniline	6.672	93	750363	34.609	ng	99
8) 2-Chlorophenol	6.801	128	544773	42.521	ng	99
9) Benzaldehyde	6.560	77	356990	41.065	ng	99
10) Phenol	6.660	94	765332	41.436	ng	98
11) bis(2-Chloroethyl)ether	6.742	93	598388	41.966	ng	100
12) 1,3-Dichlorobenzene	6.954	146	599523	43.605	ng	99
13) 1,4-Dichlorobenzene	7.031	146	599665	43.680	ng	99
14) 1,2-Dichlorobenzene	7.184	146	550888	41.812	ng	100
15) Benzyl Alcohol	7.154	79	543131	43.774	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.284	45	779847	42.889	ng	99
17) 2-Methylphenol	7.266	107	476647	39.863	ng	98
18) Hexachloroethane	7.525	117	240001	44.748	ng	97
19) n-Nitroso-di-n-propyla...	7.425	70	395923	39.932	ng	98
20) 3+4-Methylphenols	7.413	107	553845	35.853	ng	96
22) Acetophenone	7.419	105	752975	41.610	ng	95
24) Nitrobenzene	7.595	77	679248	41.988	ng	96
25) Isophorone	7.831	82	1207648	41.642	ng	98
26) 2-Nitrophenol	7.913	139	312291	43.752	ng	97
27) 2,4-Dimethylphenol	7.948	122	471914	41.891	ng	99
28) bis(2-Chloroethoxy)met...	8.036	93	706649	41.654	ng	99
29) 2,4-Dichlorophenol	8.154	162	481332	42.952	ng	97
30) 1,2,4-Trichlorobenzene	8.236	180	524706	43.121	ng	98
31) Naphthalene	8.319	128	1524853	41.505	ng	100
32) Benzoic acid	8.078	122	391194m	44.381	ng	
33) 4-Chloroaniline	8.366	127	233366	14.823	ng	93
34) Hexachlorobutadiene	8.431	225	339301	43.881	ng	100
35) Caprolactam	8.748	113	168181m	45.523	ng	
36) 4-Chloro-3-methylphenol	8.854	107	534493	43.431	ng	99
37) 2-Methylnaphthalene	9.013	142	1003247	40.070	ng	98
38) 1-Methylnaphthalene	9.113	142	948337	40.530	ng	99
40) 1,2,4,5-Tetrachloroben...	9.178	216	538680	41.839	ng	99
41) Hexachlorocyclopentadiene	9.166	237	699910	100.226	ng	100
43) 2,4,6-Trichlorophenol	9.289	196	364655	41.792	ng	97

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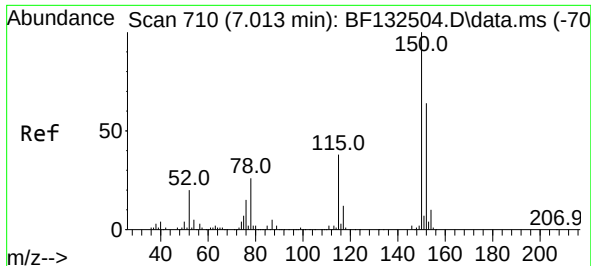
Manual Integrations
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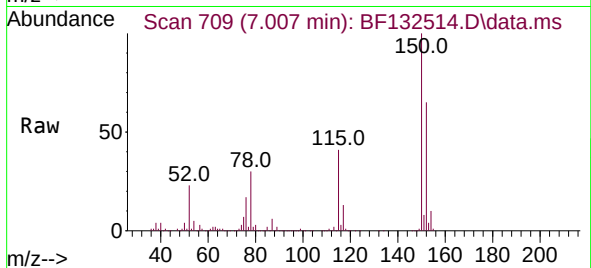
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.336	196	403375	39.610	ng	97
46) 1,1'-Biphenyl	9.478	154	1221997	41.027	ng	99
47) 2-Chloronaphthalene	9.507	162	991441	41.984	ng	100
48) 2-Nitroaniline	9.601	65	357843	41.144	ng	99
49) Acenaphthylene	9.925	152	1519939	40.442	ng	99
50) Dimethylphthalate	9.778	163	1176945	41.075	ng	100
51) 2,6-Dinitrotoluene	9.842	165	273154	41.859	ng	99
52) Acenaphthene	10.095	154	1108144m	46.434	ng	
53) 3-Nitroaniline	10.013	138	200826	27.512	ng	99
54) 2,4-Dinitrophenol	10.125	184	345180	83.851	ng	96
55) Dibenzofuran	10.272	168	1389778	39.946	ng	98
56) 4-Nitrophenol	10.183	139	454175	83.430	ng	94
57) 2,4-Dinitrotoluene	10.248	165	371858	42.834	ng	96
58) Fluorene	10.613	166	1092891	41.067	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.389	232	336414	44.470	ng	99
60) Diethylphthalate	10.477	149	1157664	41.368	ng	99
61) 4-Chlorophenyl-phenyle...	10.601	204	552895	40.049	ng	98
62) 4-Nitroaniline	10.636	138	292710	40.851	ng	96
63) Azobenzene	10.760	77	1226883	41.397	ng	95
65) 4,6-Dinitro-2-methylph...	10.660	198	226681	43.332	ng	98
66) n-Nitrosodiphenylamine	10.725	169	969229	40.231	ng	99
67) 4-Bromophenyl-phenylether	11.095	248	354417	40.545	ng	100
68) Hexachlorobenzene	11.166	284	400127	43.502	ng	99
69) Atrazine	11.248	200	340460	45.267	ng	97
70) Pentachlorophenol	11.360	266	426945	78.018	ng	99
71) Phenanthrene	11.583	178	1627521	40.654	ng	99
72) Anthracene	11.636	178	1670725	40.527	ng	99
73) Carbazole	11.789	167	1538234	41.385	ng	100
74) Di-n-butylphthalate	12.107	149	1790371	41.064	ng	100
75) Fluoranthene	12.777	202	1807902	41.310	ng	99
77) Benzidine	12.895	184	964498	78.436	ng	100
78) Pyrene	13.013	202	1863371	40.573	ng	100
80) Butylbenzylphthalate	13.618	149	773159	42.661	ng	100
81) Benzo(a)anthracene	14.207	228	1567485	41.472	ng	98
82) 3,3'-Dichlorobenzidine	14.160	252	316158	28.373	ng	100
83) Chrysene	14.242	228	1423740	40.283	ng	100
84) Bis(2-ethylhexyl)phtha...	14.171	149	989694	44.453	ng	99
85) Di-n-octyl phthalate	14.801	149	1444363	44.395	ng	100
87) Indeno(1,2,3-cd)pyrene	17.377	276	1315067	44.734	ng	99
88) Benzo(b)fluoranthene	15.301	252	1323148	44.008	ng	98
89) Benzo(k)fluoranthene	15.336	252	1215992	41.325	ng	99
90) Benzo(a)pyrene	15.701	252	1107296	39.351	ng	98
91) Dibenzo(a,h)anthracene	17.395	278	1064094	44.426	ng	98
92) Benzo(g,h,i)perylene	17.871	276	1099996	40.885	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.007 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF132514.D
Acq: 22 Feb 2023 19:44

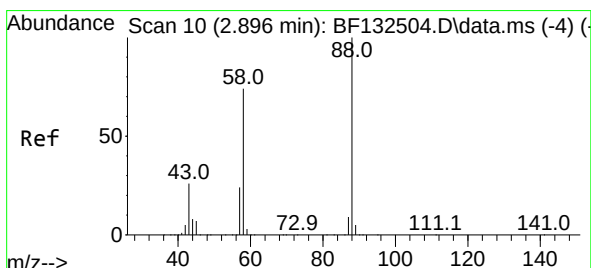
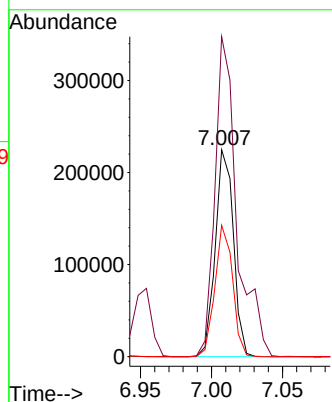
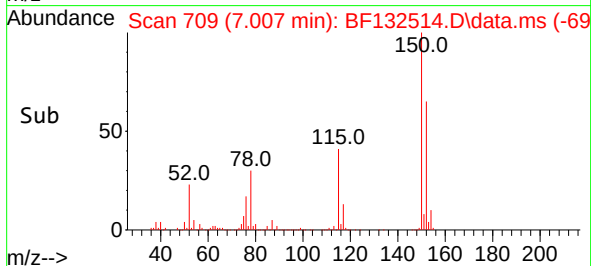
Instrument :
BNA_F
ClientSampleId :
PB150932BS



Tgt Ion:152 Resp: 200346
Ion Ratio Lower Upper
152 100
150 154.7 125.4 188.2
115 63.5 47.8 71.6

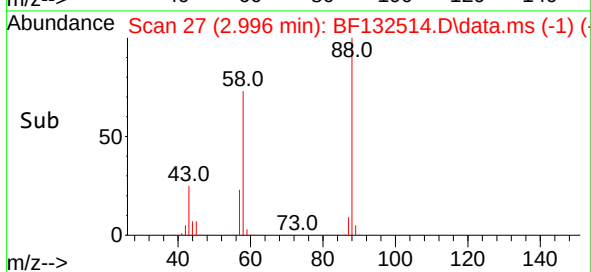
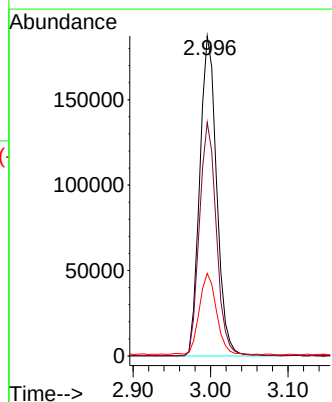
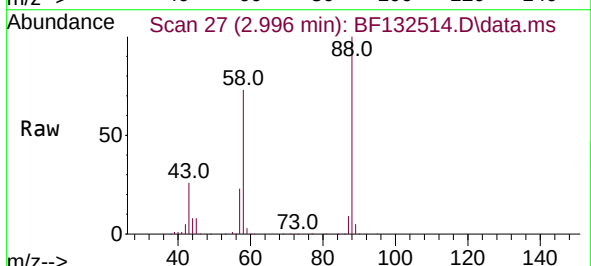
Manual Integrations
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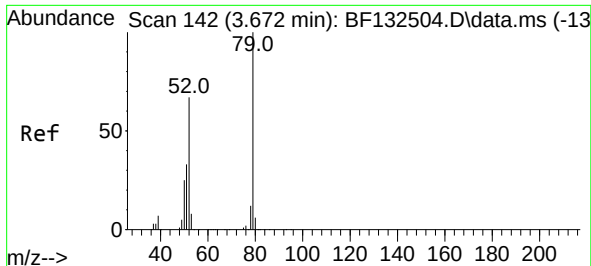
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#2
1,4-Dioxane
Concen: 41.541 ng
RT: 2.996 min Scan# 27
Delta R.T. 0.100 min
Lab File: BF132514.D
Acq: 22 Feb 2023 19:44

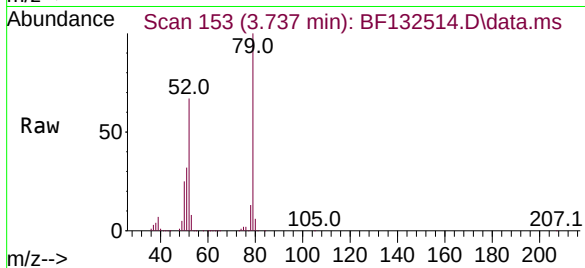
Tgt Ion: 88 Resp: 283657
Ion Ratio Lower Upper
88 100
58 73.0 58.3 87.5
43 25.6 20.7 31.1





#3
Pyridine
Concen: 38.579 ng
RT: 3.737 min Scan# 11
Delta R.T. 0.065 min
Lab File: BF132514.D
Acq: 22 Feb 2023 19:44

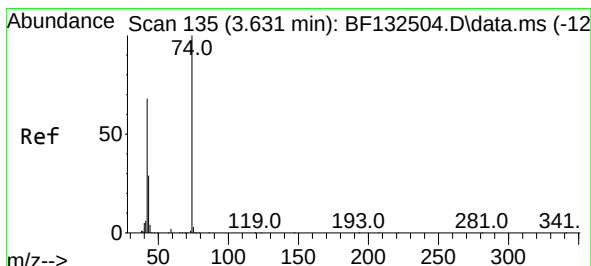
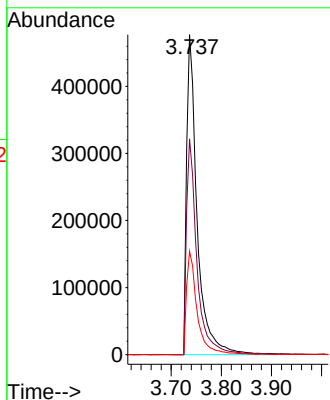
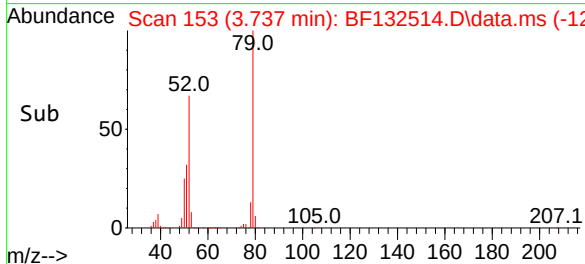
Instrument :
BNA_F
ClientSampleId :
PB150932BS



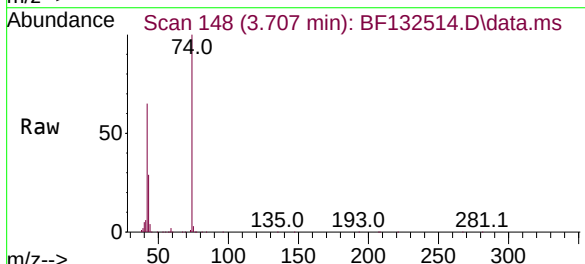
Tgt Ion: 79 Resp: 69925
Ion Ratio Lower Upper
79 100
52 67.4 53.7 80.5
51 32.3 26.6 40.0

Manual Integrations
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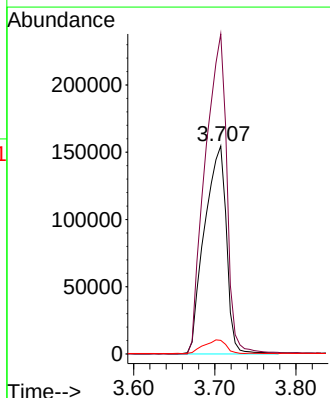
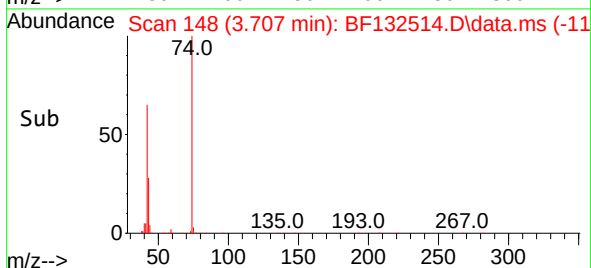
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

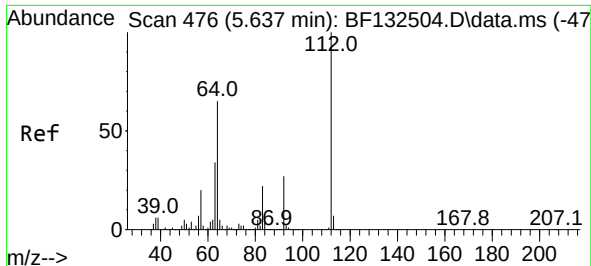


#4
n-Nitrosodimethylamine
Concen: 42.457 ng
RT: 3.707 min Scan# 148
Delta R.T. 0.077 min
Lab File: BF132514.D
Acq: 22 Feb 2023 19:44



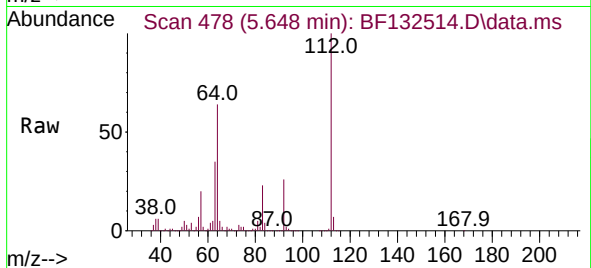
Tgt Ion: 42 Resp: 290682
Ion Ratio Lower Upper
42 100
74 153.8 118.2 177.2
44 6.5 5.3 7.9





#5
2-Fluorophenol
Concen: 94.628 ng
RT: 5.648 min Scan# 476
Delta R.T. 0.012 min
Lab File: BF132514.D
Acq: 22 Feb 2023 19:44

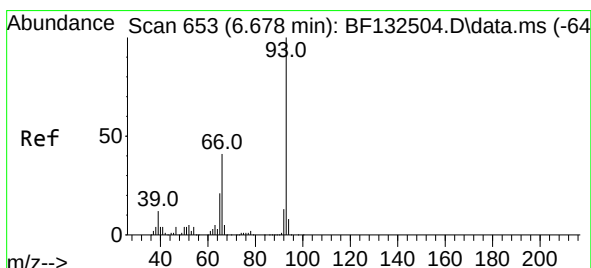
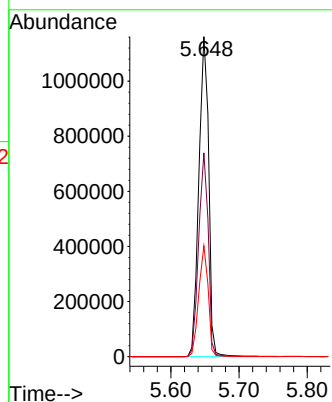
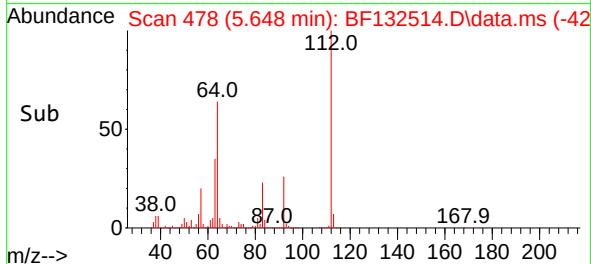
Instrument :
BNA_F
ClientSampleId :
PB150932BS



Tgt Ion: 112 Resp: 1168125
Ion Ratio Lower Upper
112 100
64 63.7 51.6 77.4
63 34.6 27.4 41.2

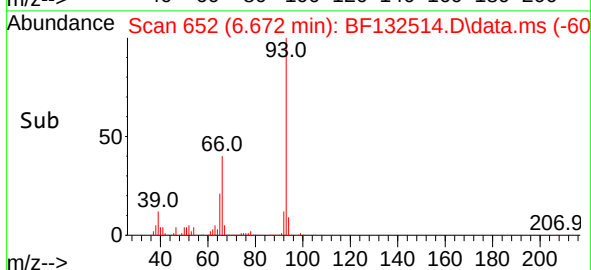
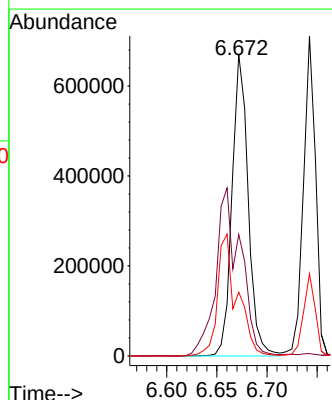
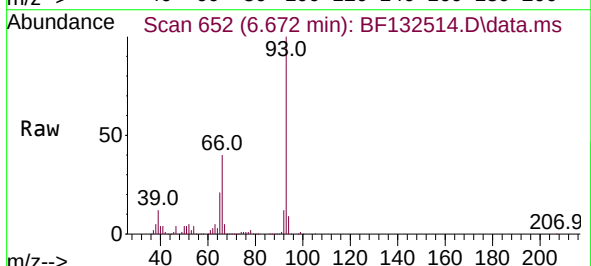
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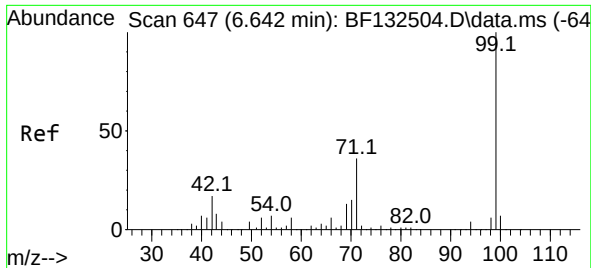
Reviewed By :Christian Giraldo 02/23/2023
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#6
Aniline
Concen: 34.609 ng
RT: 6.672 min Scan# 652
Delta R.T. -0.006 min
Lab File: BF132514.D
Acq: 22 Feb 2023 19:44

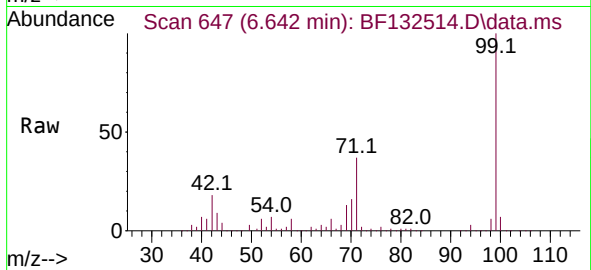
Tgt Ion: 93 Resp: 750363
Ion Ratio Lower Upper
93 100
66 40.3 32.5 48.7
65 21.1 16.6 24.8





#7
Phenol-d6
Concen: 93.631 ng
RT: 6.642 min Scan# 647
Delta R.T. 0.000 min
Lab File: BF132514.D
Acq: 22 Feb 2023 19:44

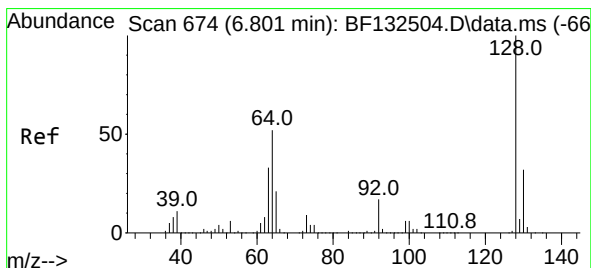
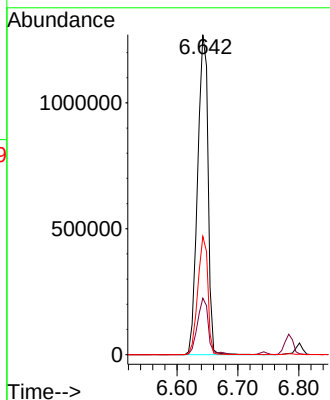
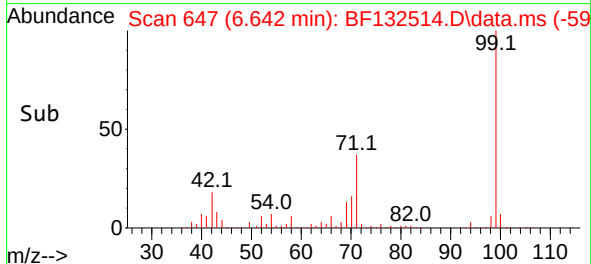
Instrument :
BNA_F
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PB150932BS



Tgt Ion: 99 Resp: 150844
Ion Ratio Lower Upper
99 100
42 17.6 13.9 20.9
71 36.9 28.5 42.7

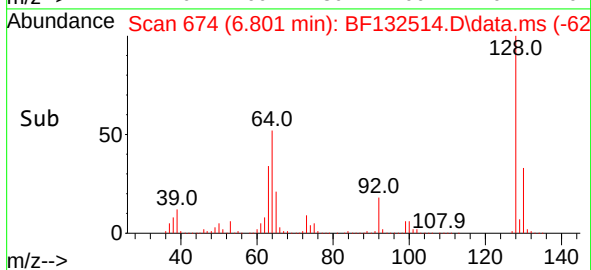
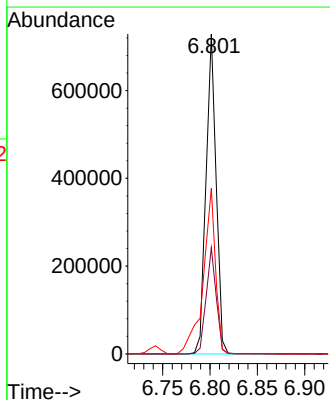
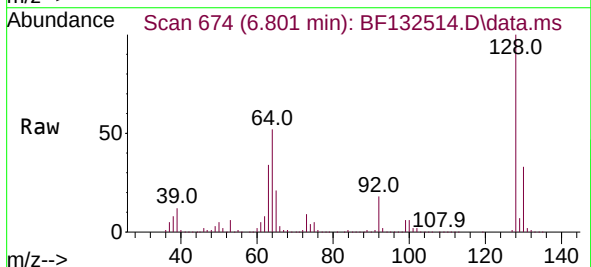
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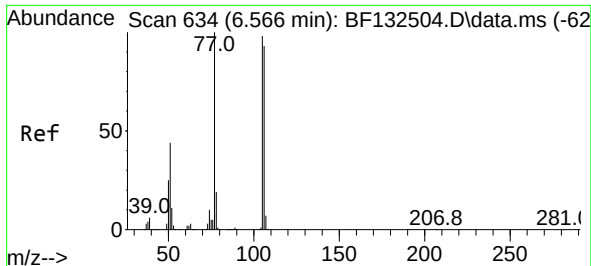
Reviewed By :Christian Giraldo 02/23/2023
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#8
2-Chlorophenol
Concen: 42.521 ng
RT: 6.801 min Scan# 674
Delta R.T. 0.000 min
Lab File: BF132514.D
Acq: 22 Feb 2023 19:44

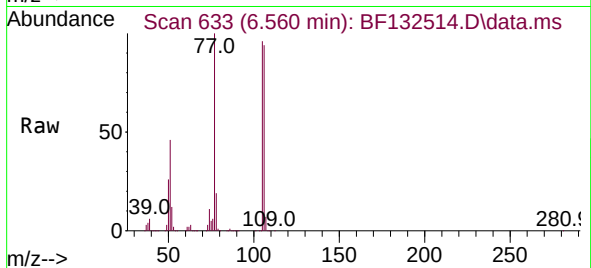
Tgt Ion:128 Resp: 544773
Ion Ratio Lower Upper
128 100
130 33.2 12.1 52.1
64 51.7 32.0 72.0





#9
Benzaldehyde
Concen: 41.065 ng
RT: 6.560 min Scan# 634
Delta R.T. -0.006 min
Lab File: BF132514.D
Acq: 22 Feb 2023 19:44

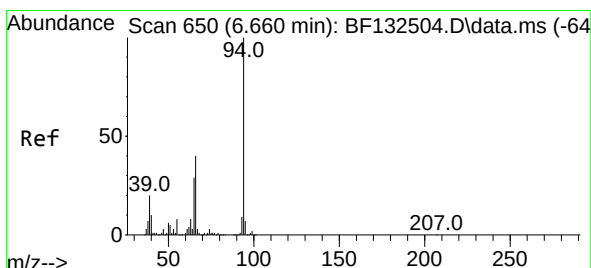
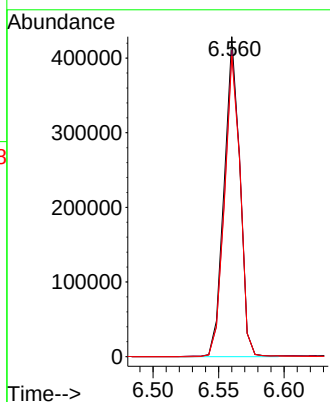
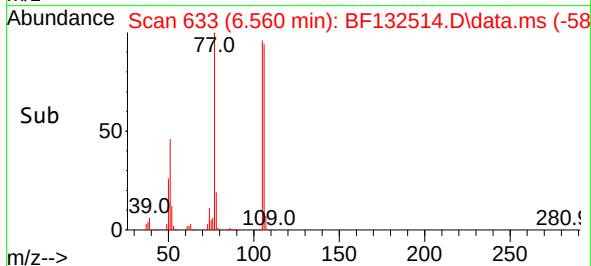
Instrument :
BNA_F
ClientSampleId :
PB150932BS



Tgt Ion: 77 Resp: 356990
Ion Ratio Lower Upper
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105 95.7 77.9 117.9
106 93.9 73.4 113.4

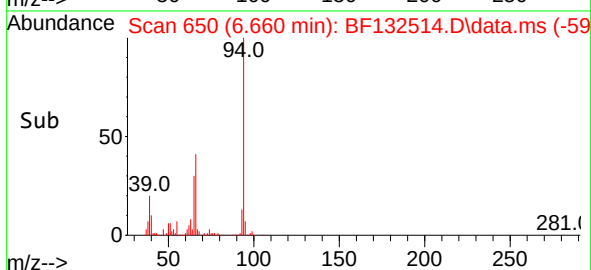
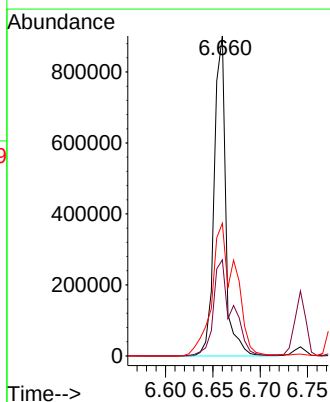
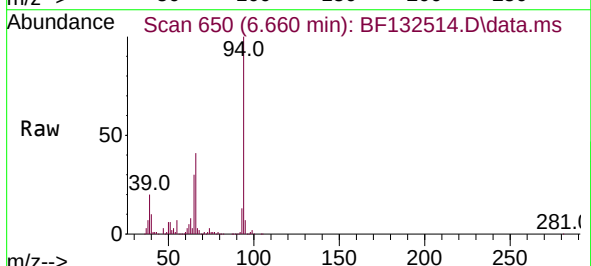
Manual Integrations
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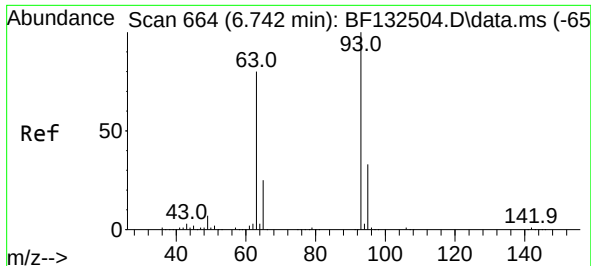
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#10
Phenol
Concen: 41.436 ng
RT: 6.660 min Scan# 650
Delta R.T. 0.000 min
Lab File: BF132514.D
Acq: 22 Feb 2023 19:44

Tgt Ion: 94 Resp: 765332
Ion Ratio Lower Upper
94 100
65 30.0 9.4 49.4
66 41.4 19.8 59.8





#11
bis(2-Chloroethyl)ether
Concen: 41.966 ng
RT: 6.742 min Scan# 664
Delta R.T. 0.000 min
Lab File: BF132514.D
Acq: 22 Feb 2023 19:44

Instrument :

BNA_F

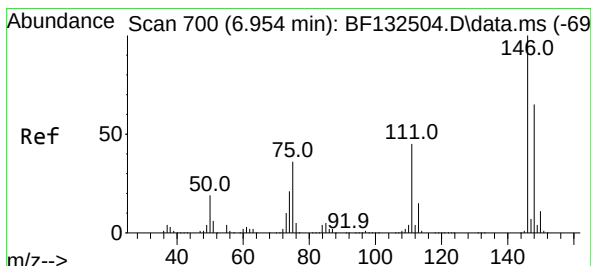
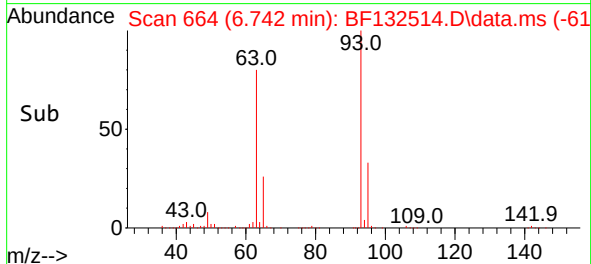
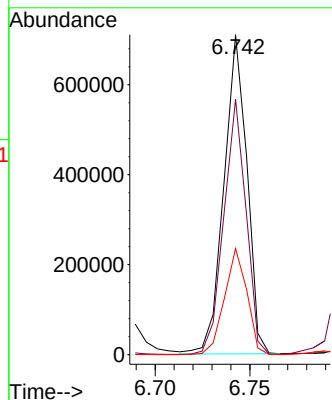
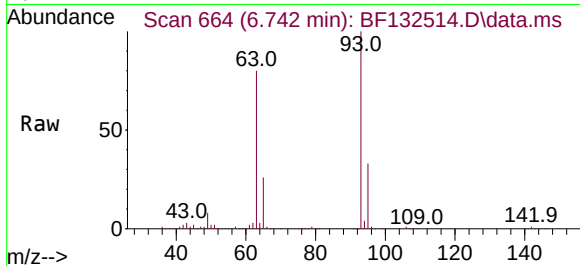
ClientSampleId :

PB150932BS

Tgt Ion: 93 Resp: 598388
Ion Ratio Lower Upper
93 100
63 79.8 59.6 99.6
95 33.2 12.8 52.8

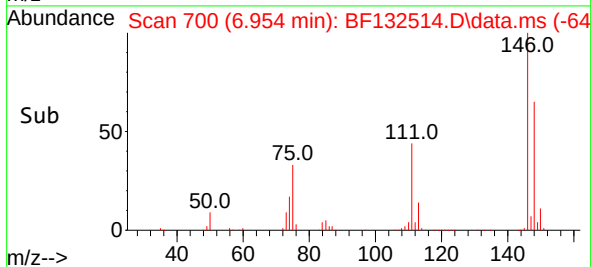
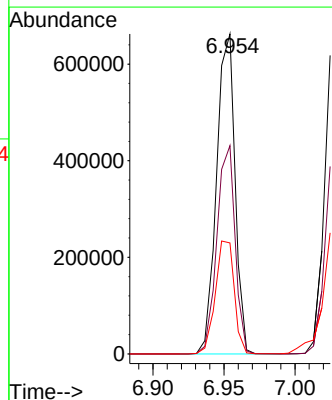
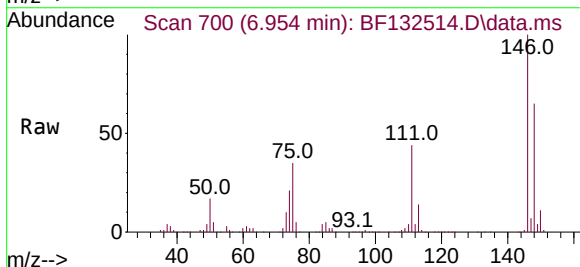
Manual Integrations
APPROVED

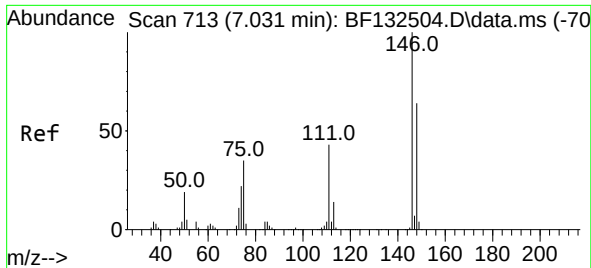
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#12
1,3-Dichlorobenzene
Concen: 43.605 ng
RT: 6.954 min Scan# 700
Delta R.T. 0.000 min
Lab File: BF132514.D
Acq: 22 Feb 2023 19:44

Tgt Ion:146 Resp: 599523
Ion Ratio Lower Upper
146 100
148 65.1 51.9 77.9
75 34.7 28.9 43.3





#13

1,4-Dichlorobenzene

Concen: 43.680 ng

RT: 7.031 min Scan# 713

Delta R.T. 0.000 min

Lab File: BF132514.D

Acq: 22 Feb 2023 19:44

Instrument :

BNA_F

ClientSampleId :

PB150932BS

Tgt Ion:146 Resp: 599668

Ion Ratio Lower Upper

146 100

148 64.1 51.1 76.7

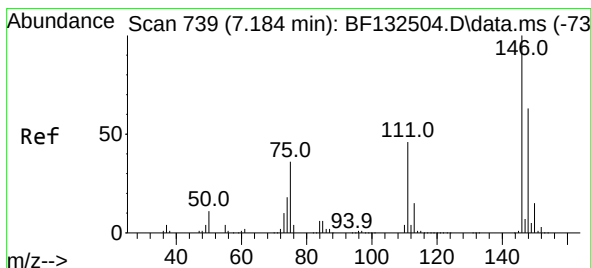
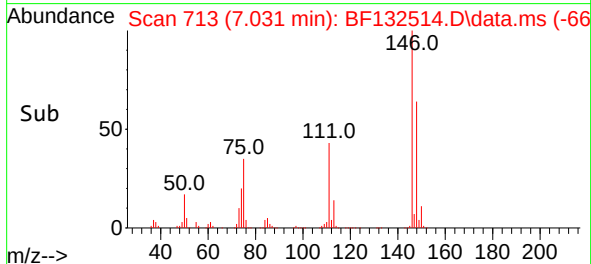
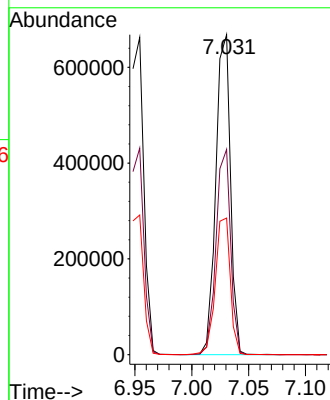
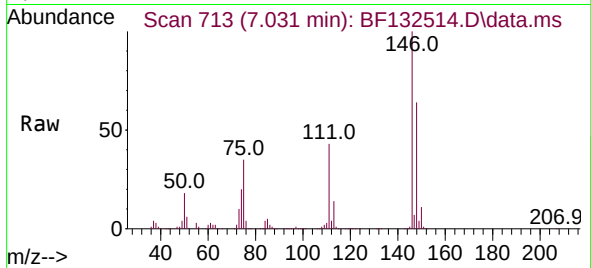
111 42.7 34.8 52.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/23/2023

Supervised By :Jagrut Upadhyay 02/23/2023



#14

1,2-Dichlorobenzene

Concen: 41.812 ng

RT: 7.184 min Scan# 739

Delta R.T. -0.000 min

Lab File: BF132514.D

Acq: 22 Feb 2023 19:44

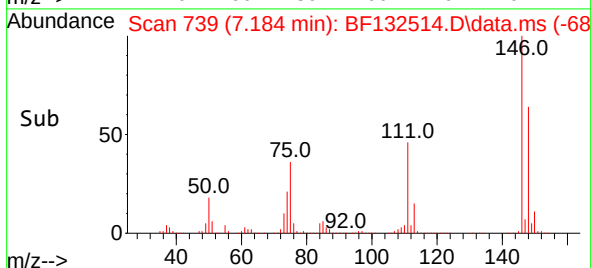
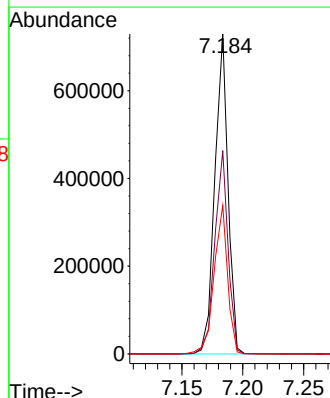
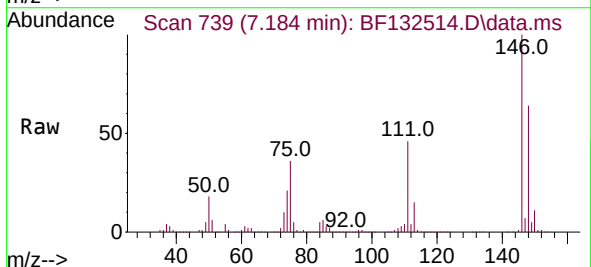
Tgt Ion:146 Resp: 550888

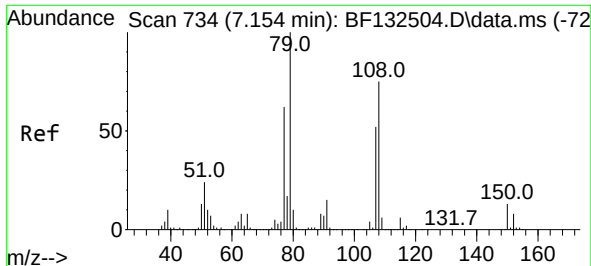
Ion Ratio Lower Upper

146 100

148 63.5 50.6 75.8

111 46.4 37.2 55.8





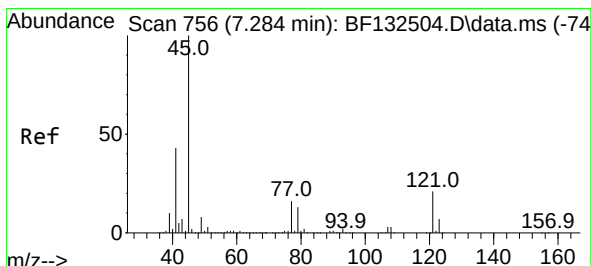
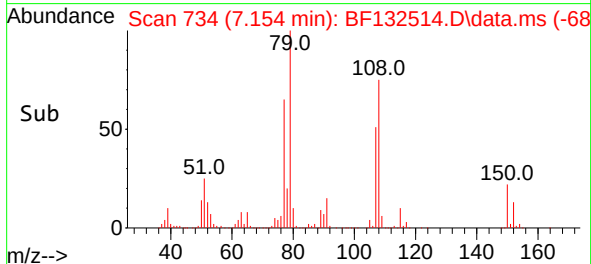
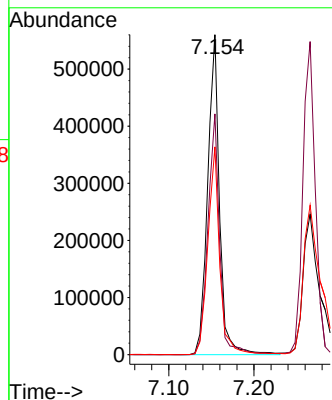
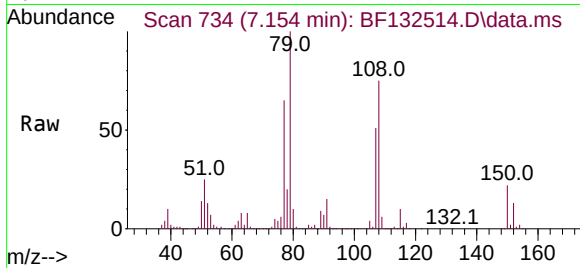
#15
Benzyl Alcohol
Concen: 43.774 ng
RT: 7.154 min Scan# 734
Delta R.T. 0.000 min
Lab File: BF132514.D
Acq: 22 Feb 2023 19:44

Instrument :
BNA_F
ClientSampleId :
PB150932BS

Tgt Ion: 79 Resp: 54313
Ion Ratio Lower Upper
79 100
108 75.2 60.2 90.4
77 64.9 49.9 74.9

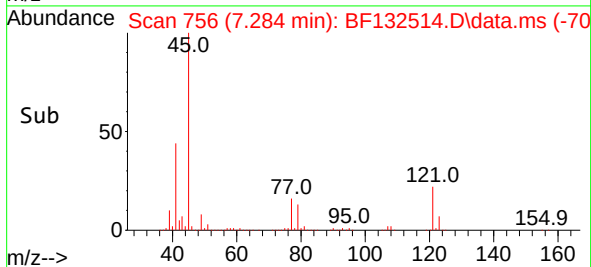
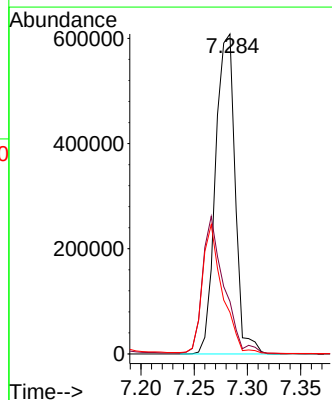
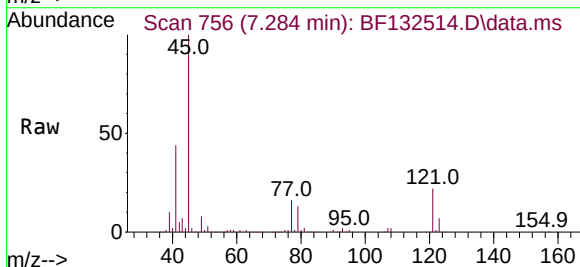
Manual Integrations
APPROVED

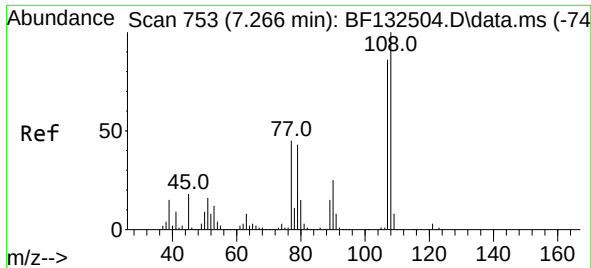
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.889 ng
RT: 7.284 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF132514.D
Acq: 22 Feb 2023 19:44

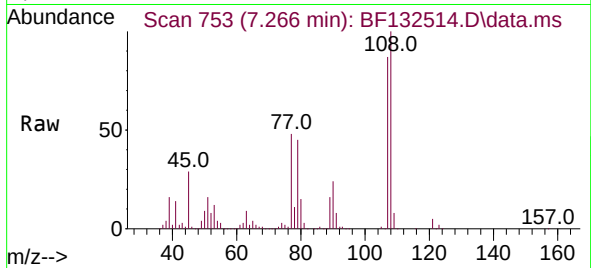
Tgt Ion: 45 Resp: 779847
Ion Ratio Lower Upper
45 100
77 16.4 0.0 36.4
79 13.0 0.0 33.4





#17
2-Methylphenol
Concen: 39.863 ng
RT: 7.266 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132514.D
Acq: 22 Feb 2023 19:44

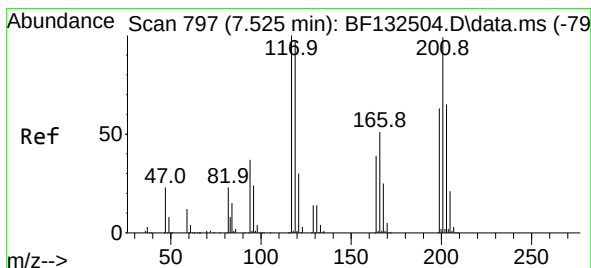
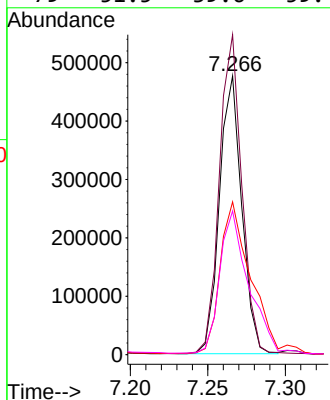
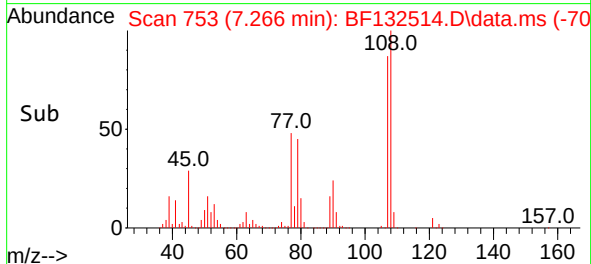
Instrument :
BNA_F
ClientSampleId :
PB150932BS



Tgt Ion:	107	Resp:	47664
Ion Ratio	Lower	Upper	
107	100		
108	114.9	93.0	139.4
77	54.8	42.1	63.1
79	51.5	39.6	59.4

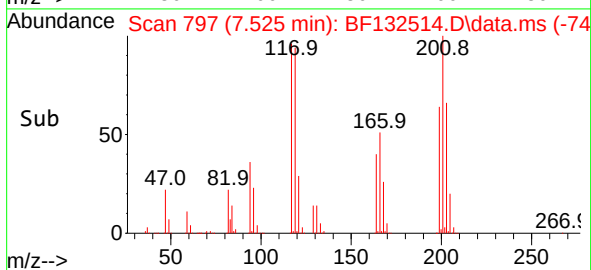
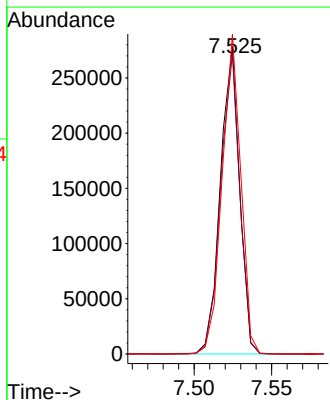
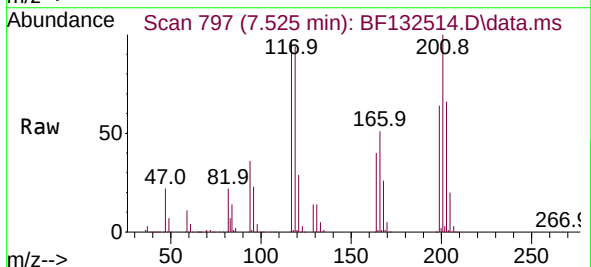
Manual Integrations
APPROVED

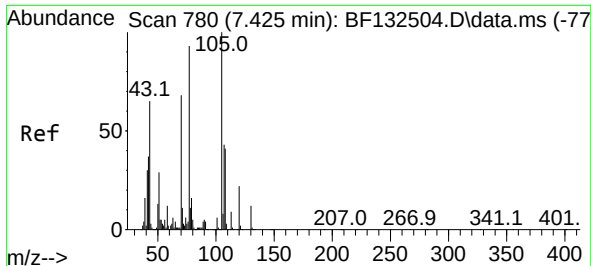
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#18
Hexachloroethane
Concen: 44.748 ng
RT: 7.525 min Scan# 797
Delta R.T. 0.000 min
Lab File: BF132514.D
Acq: 22 Feb 2023 19:44

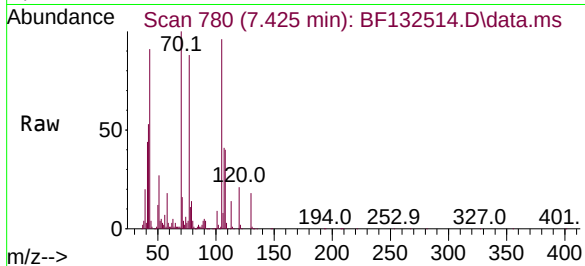
Tgt Ion:	117	Resp:	240001
Ion Ratio	Lower	Upper	
117	100		
119	97.6	78.0	117.0
201	104.2	79.0	118.4





#19
n-Nitroso-di-n-propylamine
Concen: 39.932 ng
RT: 7.425 min Scan# 780
Delta R.T. -0.000 min
Lab File: BF132514.D
Acq: 22 Feb 2023 19:44

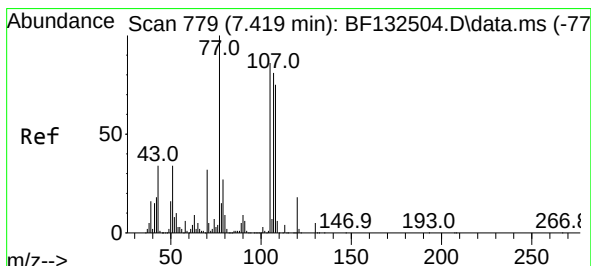
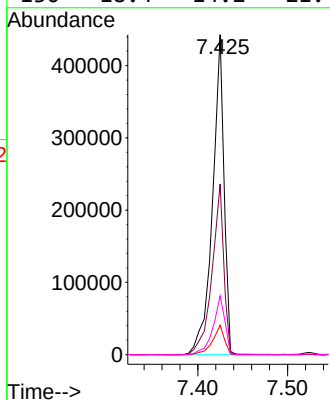
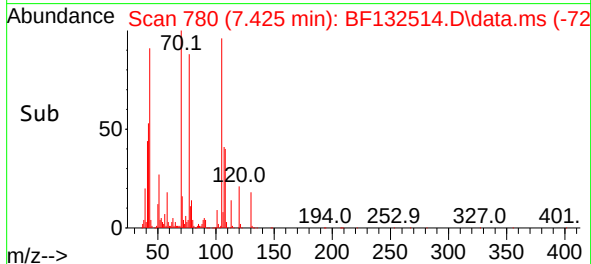
Instrument :
BNA_F
ClientSampleId :
PB150932BS



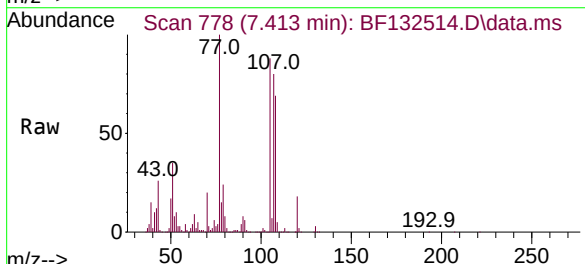
Tgt Ion: 70 Resp: 395923
Ion Ratio Lower Upper
70 100
42 53.3 44.1 66.1
101 9.2 7.4 11.2
130 18.4 14.2 21.4

Manual Integrations
APPROVED

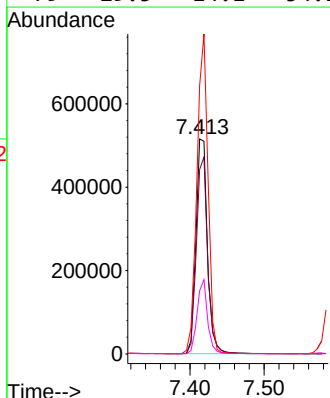
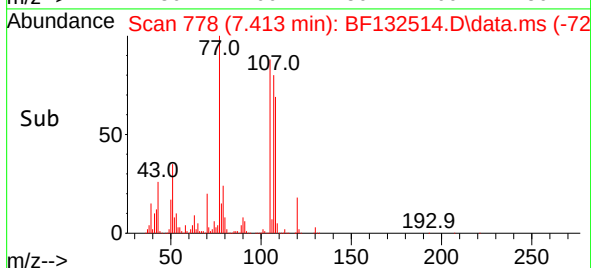
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

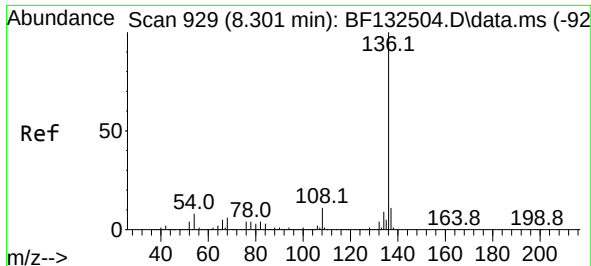


#20
3+4-Methylphenols
Concen: 35.853 ng
RT: 7.413 min Scan# 778
Delta R.T. -0.006 min
Lab File: BF132514.D
Acq: 22 Feb 2023 19:44



Tgt Ion:107 Resp: 553845
Ion Ratio Lower Upper
107 100
108 85.8 72.6 112.6
77 124.8 104.0 144.0
79 29.5 14.1 54.1





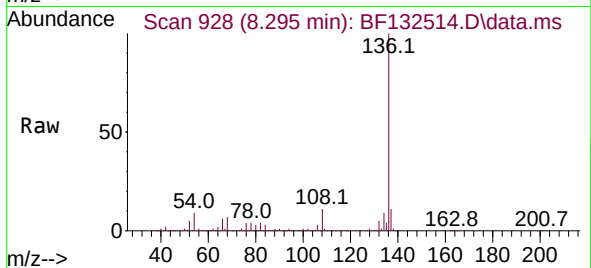
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.295 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132514.D
Acq: 22 Feb 2023 19:44

Instrument :

BNA_F

ClientSampleId :

PB150932BS

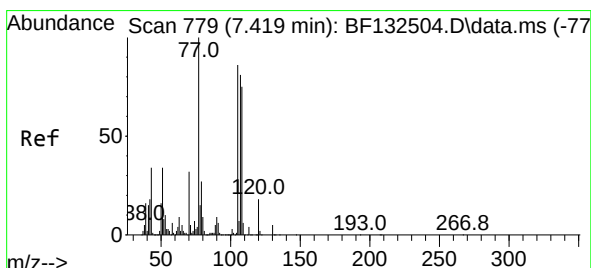
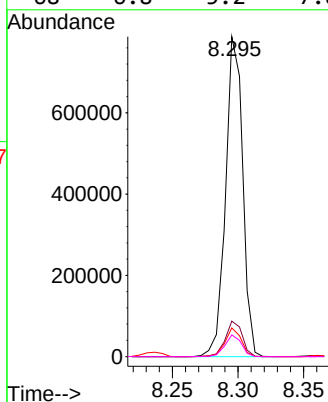
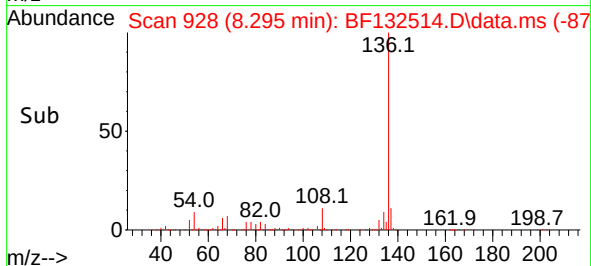


Tgt Ion:136 Resp: 717653
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 9.0 6.2 9.4
68 6.8 5.2 7.8

Manual Integrations

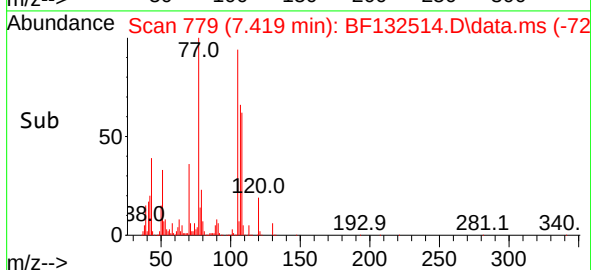
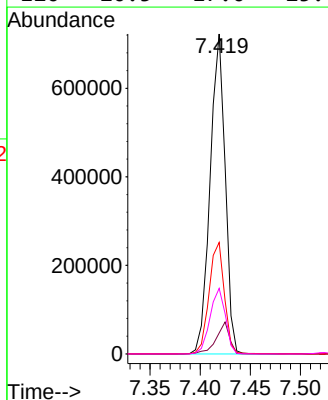
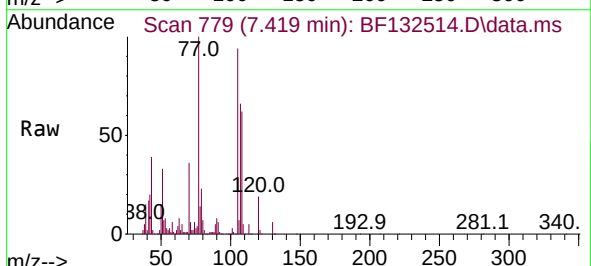
APPROVED

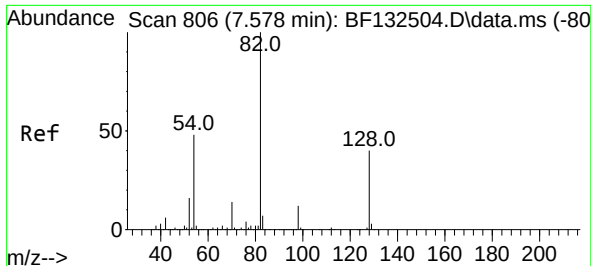
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#22
Acetophenone
Concen: 41.610 ng
RT: 7.419 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF132514.D
Acq: 22 Feb 2023 19:44

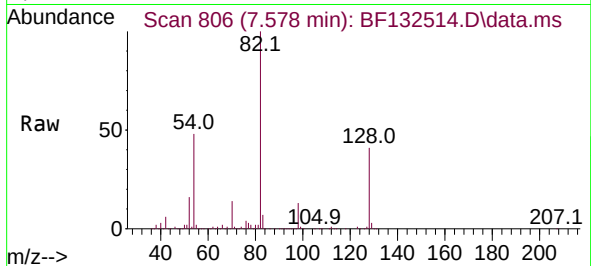
Tgt Ion:105 Resp: 752975
Ion Ratio Lower Upper
105 100
71 6.5 5.0 7.4
51 34.8 31.5 47.3
120 20.5 17.0 25.4





#23
Nitrobenzene-d5
Concen: 66.567 ng
RT: 7.578 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF132514.D
Acq: 22 Feb 2023 19:44

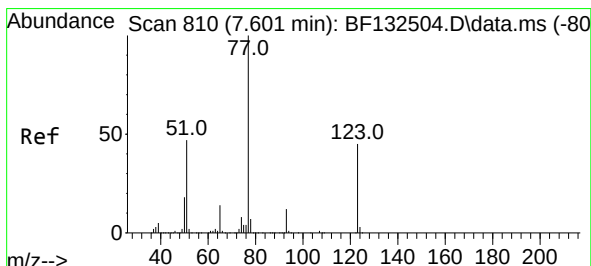
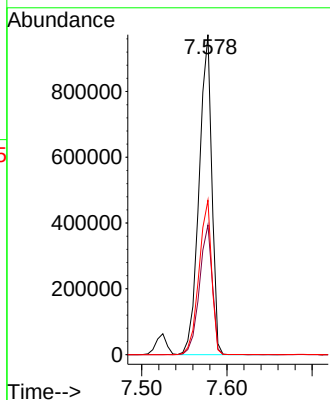
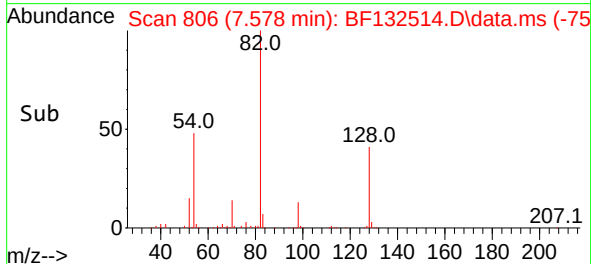
Instrument :
BNA_F
ClientSampleId :
PB150932BS



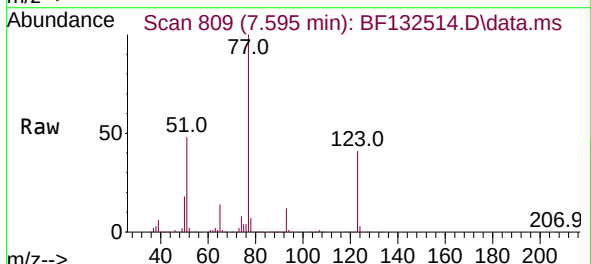
Tgt Ion: 82 Resp: 1006905
Ion Ratio Lower Upper
82 100
128 40.5 32.2 48.2
54 48.2 38.4 57.6

Manual Integrations
APPROVED

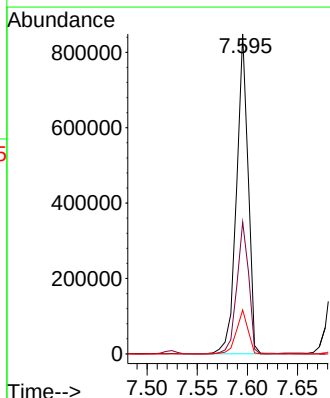
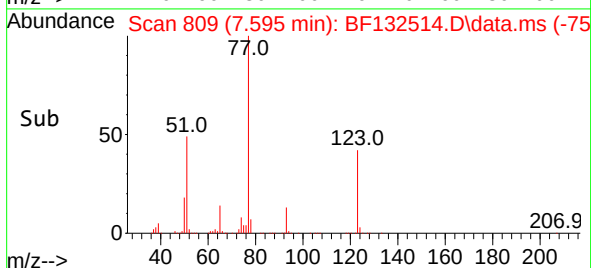
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

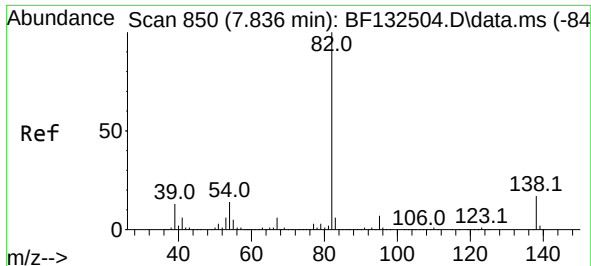


#24
Nitrobenzene
Concen: 41.988 ng
RT: 7.595 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF132514.D
Acq: 22 Feb 2023 19:44



Tgt Ion: 77 Resp: 679248
Ion Ratio Lower Upper
77 100
123 41.2 35.8 53.6
65 13.7 10.9 16.3





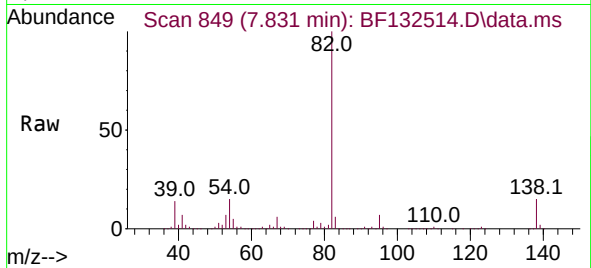
#25
Isophorone
Concen: 41.642 ng
RT: 7.831 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF132514.D
Acq: 22 Feb 2023 19:44

Instrument :

BNA_F

ClientSampleId :

PB150932BS

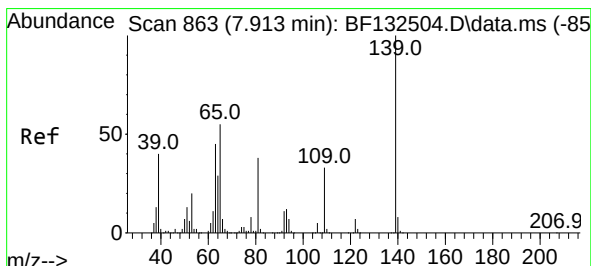
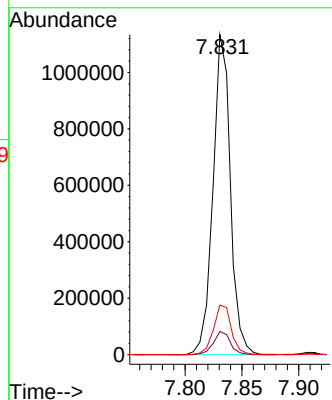
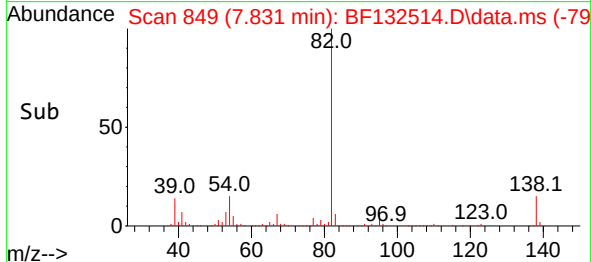


Tgt Ion: 82 Resp: 1207648
Ion Ratio Lower Upper
82 100
95 7.2 5.7 8.5
138 15.5 13.3 19.9

Manual Integrations

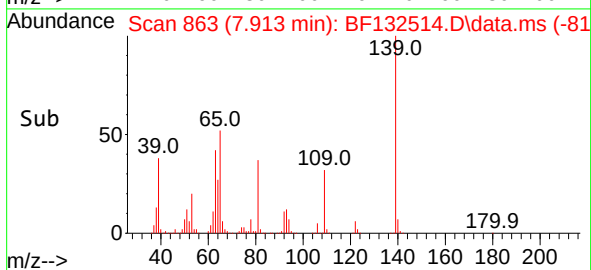
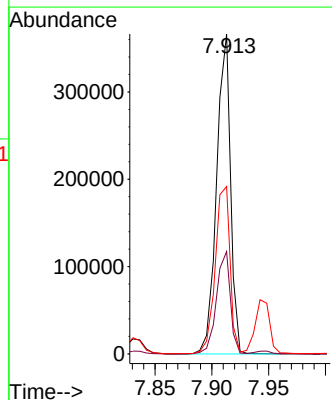
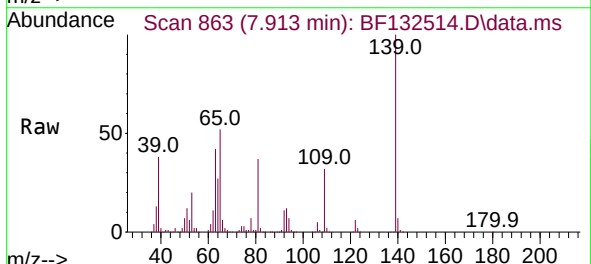
APPROVED

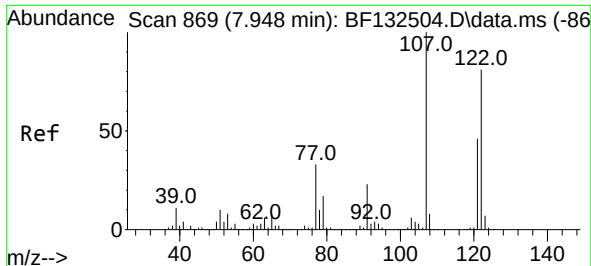
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#26
2-Nitrophenol
Concen: 43.752 ng
RT: 7.913 min Scan# 863
Delta R.T. 0.000 min
Lab File: BF132514.D
Acq: 22 Feb 2023 19:44

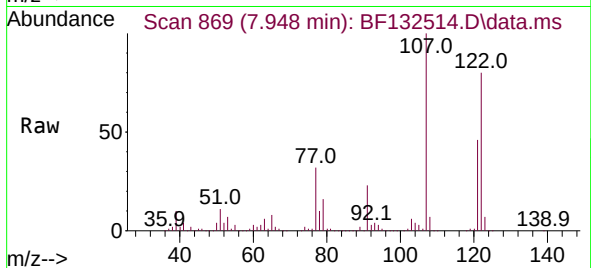
Tgt Ion:139 Resp: 312291
Ion Ratio Lower Upper
139 100
109 32.0 26.2 39.2
65 52.3 43.8 65.8





#27
2,4-Dimethylphenol
Concen: 41.891 ng
RT: 7.948 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF132514.D
Acq: 22 Feb 2023 19:44

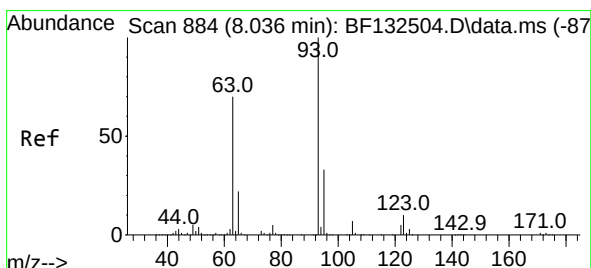
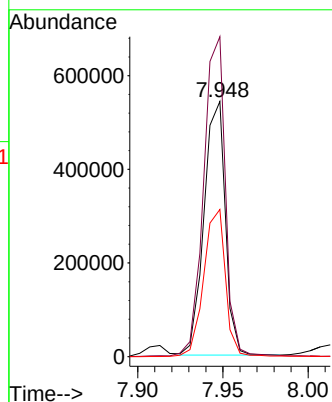
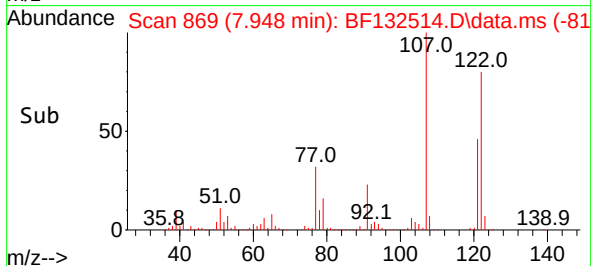
Instrument :
BNA_F
ClientSampleId :
PB150932BS



Tgt Ion:122 Resp: 471914
Ion Ratio Lower Upper
122 100
107 125.5 98.7 148.1
121 57.7 45.8 68.6

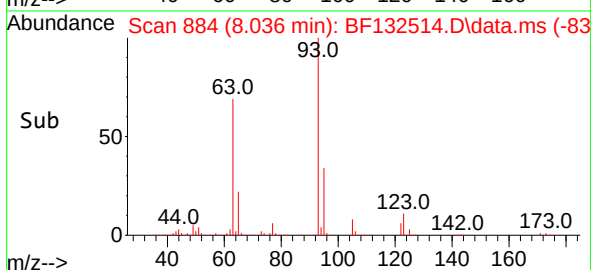
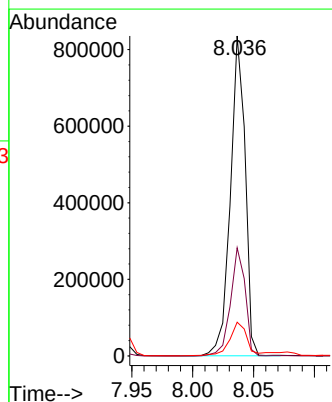
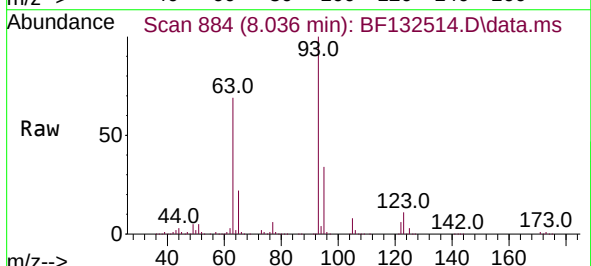
Manual Integrations
APPROVED

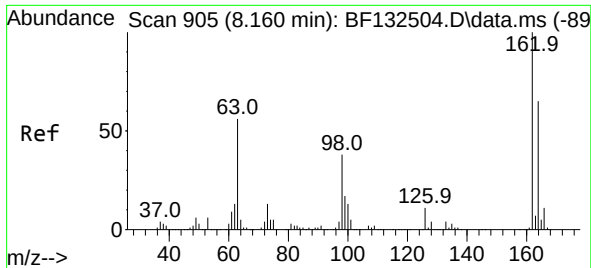
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#28
bis(2-Chloroethoxy)methane
Concen: 41.654 ng
RT: 8.036 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF132514.D
Acq: 22 Feb 2023 19:44

Tgt Ion: 93 Resp: 706649
Ion Ratio Lower Upper
93 100
95 33.8 26.3 39.5
123 10.5 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 42.952 ng

RT: 8.154 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF132514.D

Acq: 22 Feb 2023 19:44

Instrument :

BNA_F

ClientSampleId :

PB150932BS

Tgt Ion:162 Resp: 481332

Ion Ratio Lower Upper

162 100

164 65.7 45.3 85.3

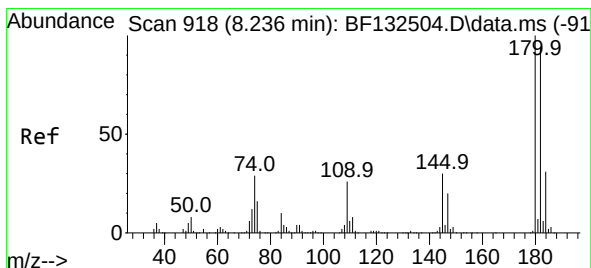
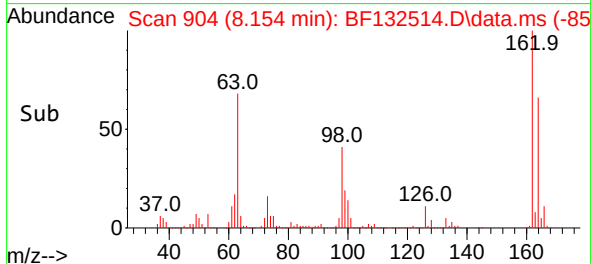
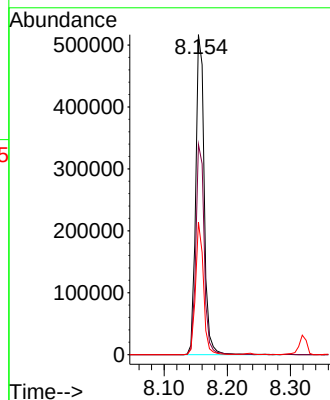
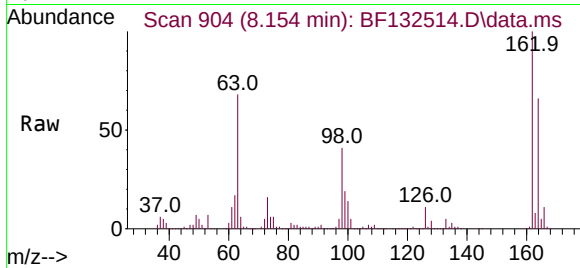
98 41.4 17.9 57.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/23/2023

Supervised By :Jagrut Upadhyay 02/23/2023



#30

1,2,4-Trichlorobenzene

Concen: 43.121 ng

RT: 8.236 min Scan# 918

Delta R.T. 0.000 min

Lab File: BF132514.D

Acq: 22 Feb 2023 19:44

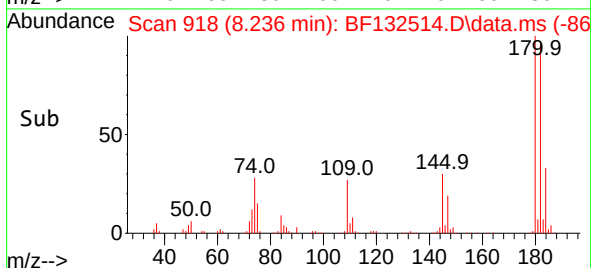
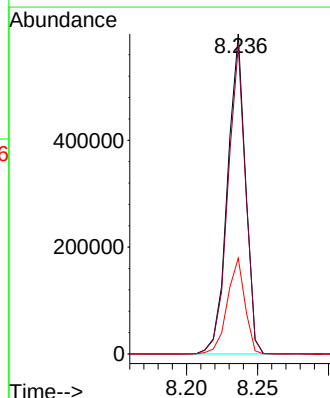
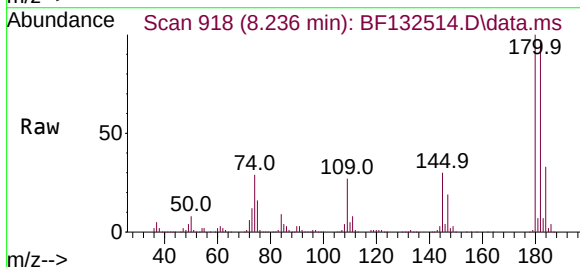
Tgt Ion:180 Resp: 524706

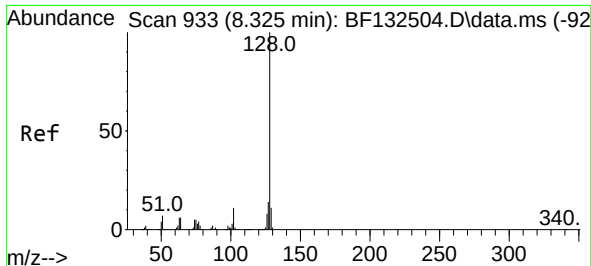
Ion Ratio Lower Upper

180 100

182 96.3 75.1 112.7

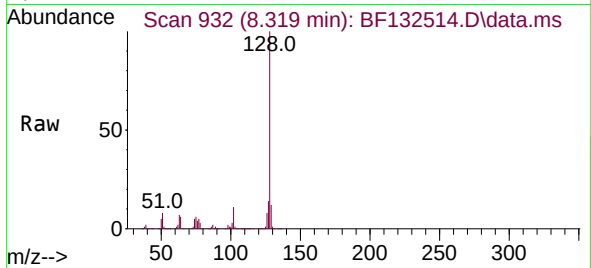
145 29.9 23.8 35.6





#31
Naphthalene
Concen: 41.505 ng
RT: 8.319 min Scan# 931
Delta R.T. -0.006 min
Lab File: BF132514.D
Acq: 22 Feb 2023 19:44

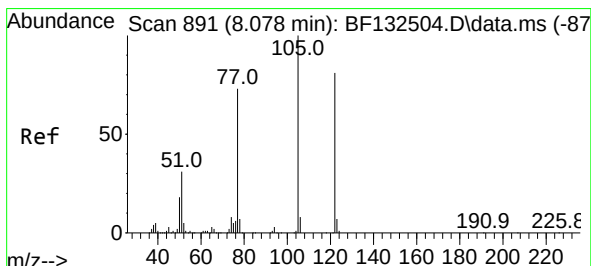
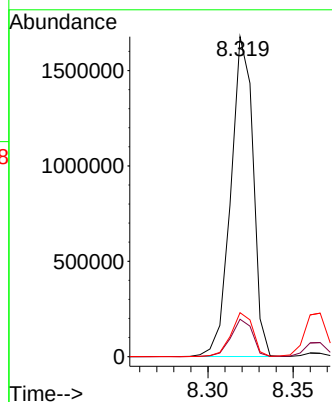
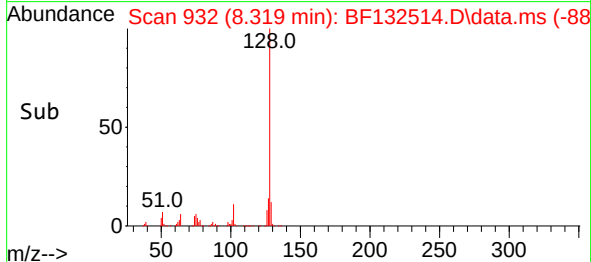
Instrument :
BNA_F
ClientSampleId :
PB150932BS



Tgt Ion:128 Resp: 152485
Ion Ratio Lower Upper
128 100
129 11.7 9.1 13.7
127 13.7 11.0 16.6

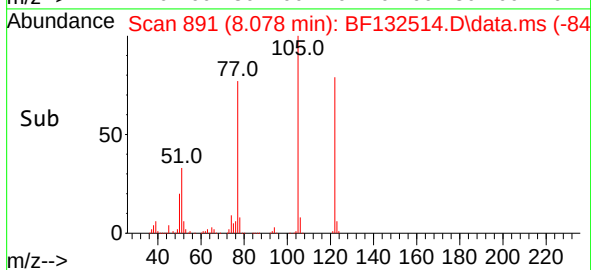
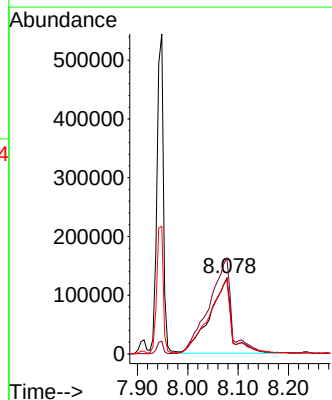
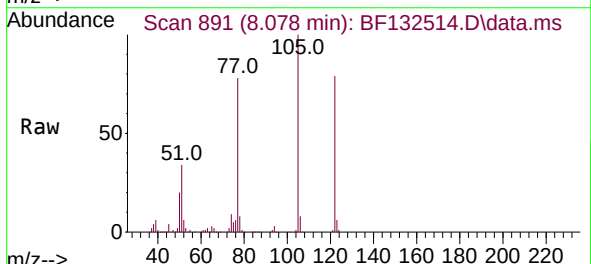
Manual Integrations
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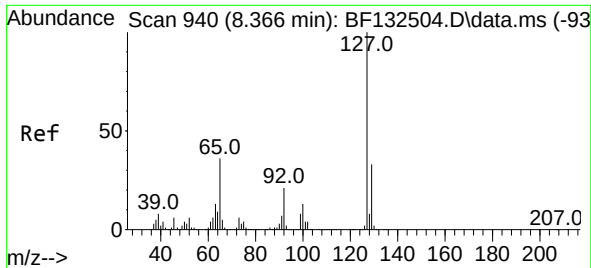
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#32
Benzoic acid
Concen: 44.381 ng m
RT: 8.078 min Scan# 891
Delta R.T. -0.000 min
Lab File: BF132514.D
Acq: 22 Feb 2023 19:44

Tgt Ion:122 Resp: 391194
Ion Ratio Lower Upper
122 100
105 126.1 102.6 142.6
77 97.9 70.2 110.2





#33
4-Chloroaniline
Concen: 14.823 ng
RT: 8.366 min Scan# 940
Delta R.T. 0.000 min
Lab File: BF132514.D
Acq: 22 Feb 2023 19:44

Instrument :

BNA_F

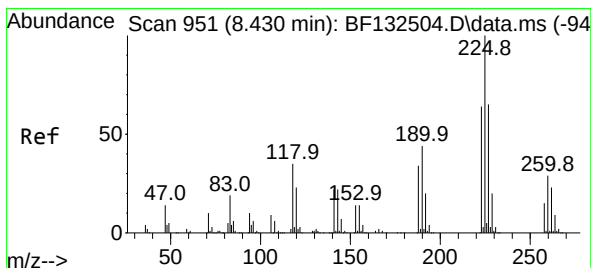
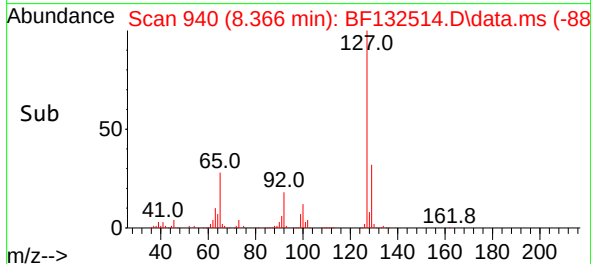
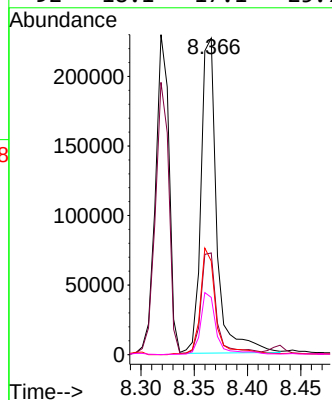
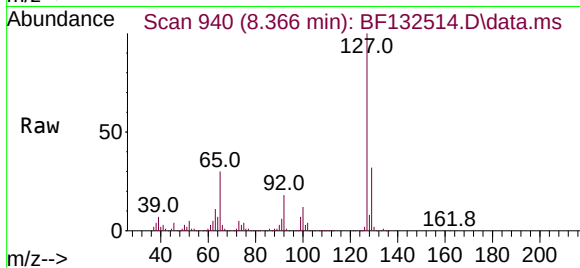
ClientSampleId :

PB150932BS

Tgt Ion:127 Resp: 233366
Ion Ratio Lower Upper
127 100
129 32.1 26.4 39.6
65 29.6 28.8 43.2
92 18.1 17.1 25.7

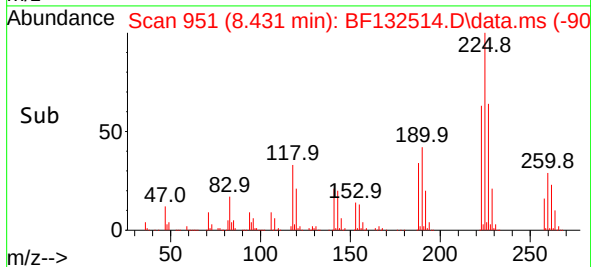
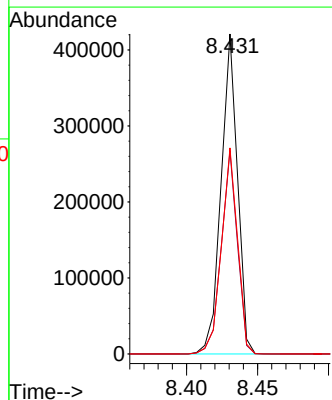
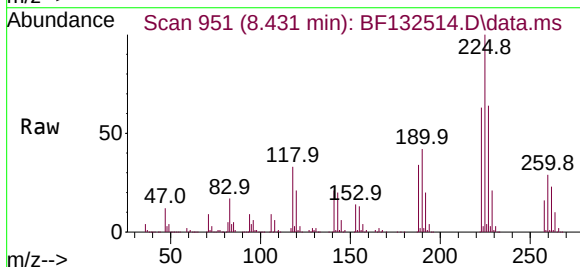
Manual Integrations
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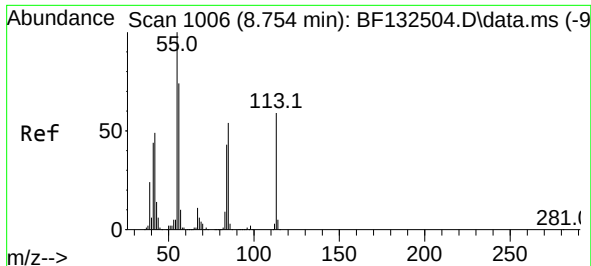
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#34
Hexachlorobutadiene
Concen: 43.881 ng
RT: 8.431 min Scan# 951
Delta R.T. 0.000 min
Lab File: BF132514.D
Acq: 22 Feb 2023 19:44

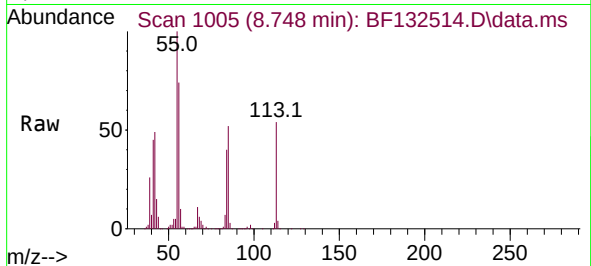
Tgt Ion:225 Resp: 339301
Ion Ratio Lower Upper
225 100
223 63.5 51.0 76.4
227 64.4 51.7 77.5





#35
Caprolactam
Concen: 45.523 ng m
RT: 8.748 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF132514.D
Acq: 22 Feb 2023 19:44

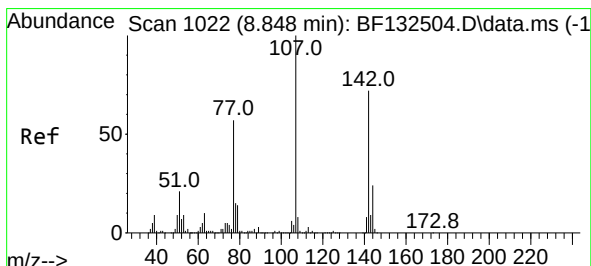
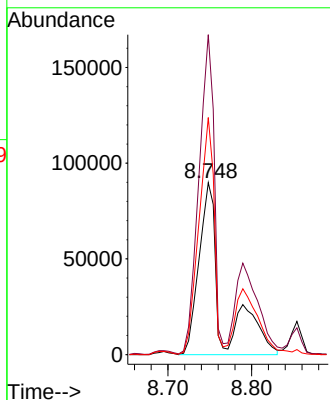
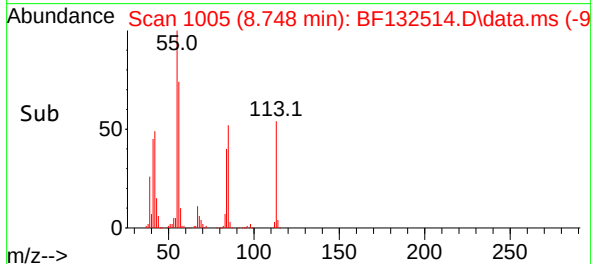
Instrument :
BNA_F
ClientSampleId :
PB150932BS



Tgt Ion:113 Resp: 16818
Ion Ratio Lower Upper
113 100
55 186.2 149.4 189.4
56 137.9 105.0 145.0

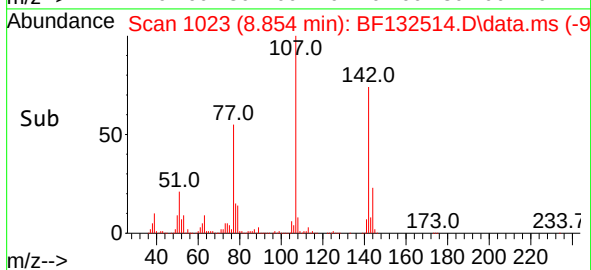
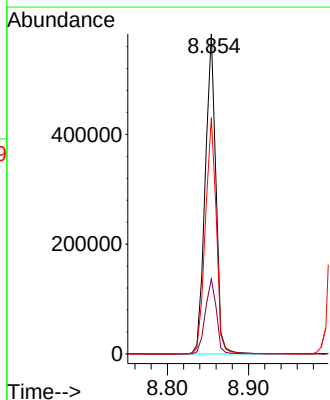
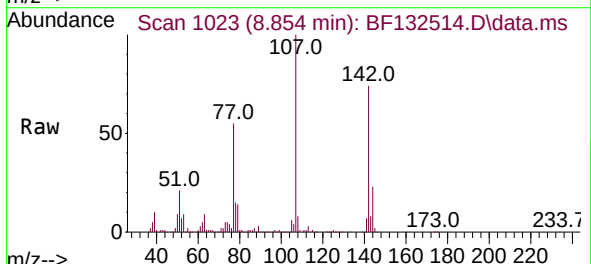
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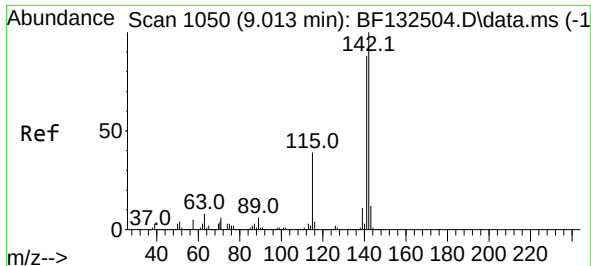
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#36
4-Chloro-3-methylphenol
Concen: 43.431 ng
RT: 8.854 min Scan# 1023
Delta R.T. 0.006 min
Lab File: BF132514.D
Acq: 22 Feb 2023 19:44

Tgt Ion:107 Resp: 534493
Ion Ratio Lower Upper
107 100
144 23.4 18.9 28.3
142 73.8 57.9 86.9





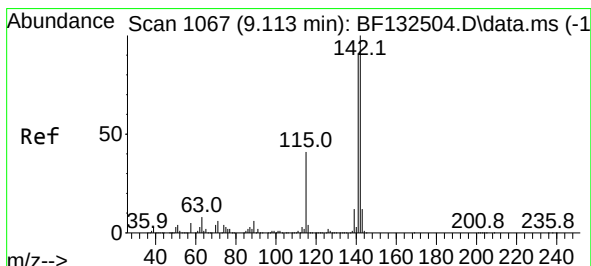
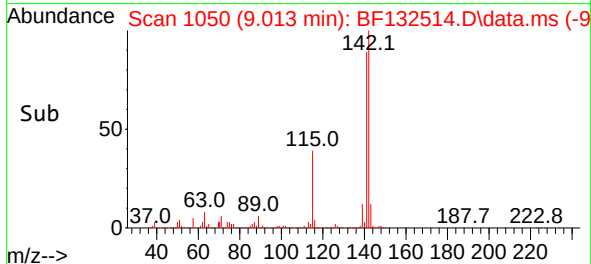
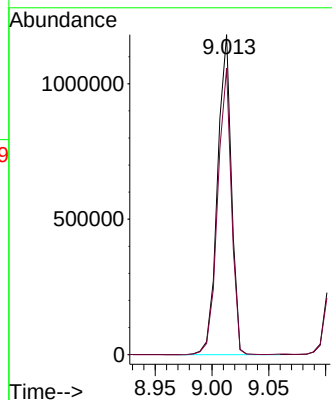
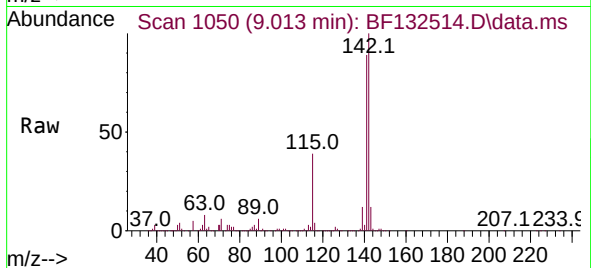
#37
2-Methylnaphthalene
Concen: 40.070 ng
RT: 9.013 min Scan# 1050
Delta R.T. 0.000 min
Lab File: BF132514.D
Acq: 22 Feb 2023 19:44

Instrument :
BNA_F
ClientSampleId :
PB150932BS

Tgt Ion:142 Resp: 1003247
Ion Ratio Lower Upper
142 100
141 89.5 70.2 105.2

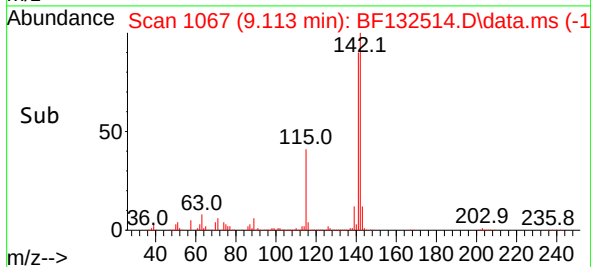
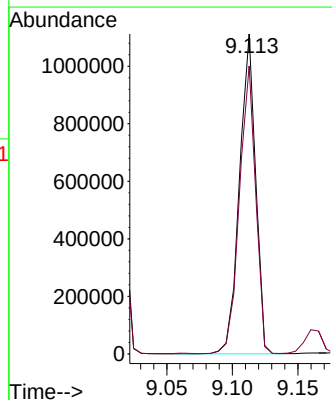
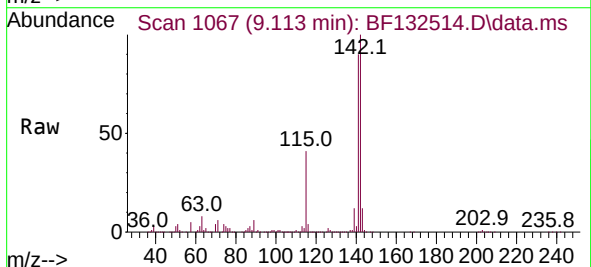
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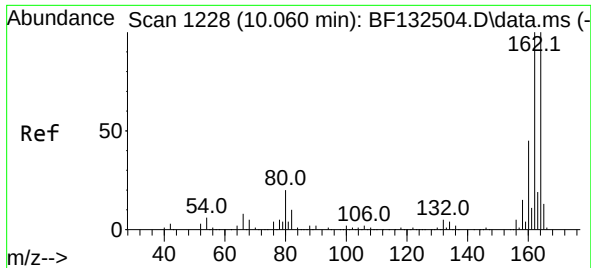
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#38
1-Methylnaphthalene
Concen: 40.530 ng
RT: 9.113 min Scan# 1067
Delta R.T. -0.000 min
Lab File: BF132514.D
Acq: 22 Feb 2023 19:44

Tgt Ion:142 Resp: 948337
Ion Ratio Lower Upper
142 100
141 90.0 73.0 109.6





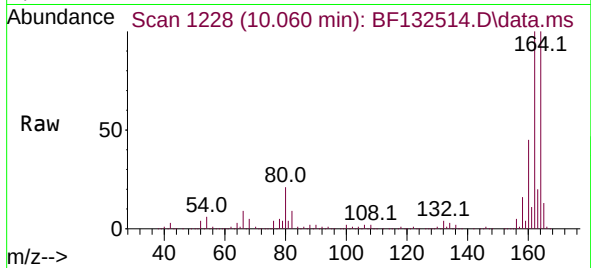
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.060 min Scan# 1228
Delta R.T. -0.000 min
Lab File: BF132514.D
Acq: 22 Feb 2023 19:44

Instrument :

BNA_F

ClientSampleId :

PB150932BS

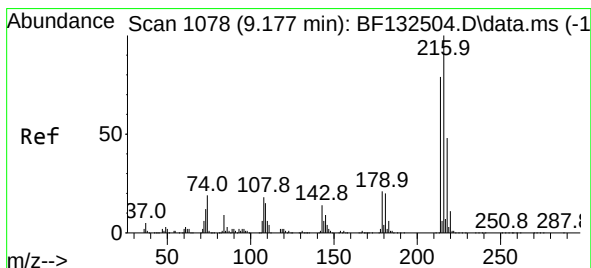
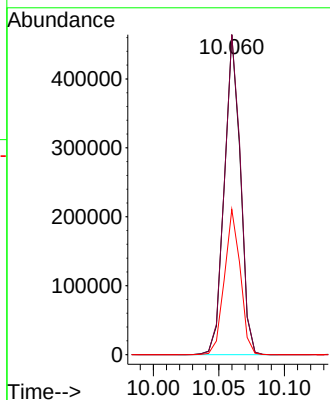
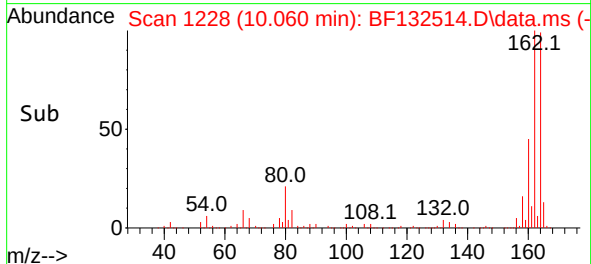


Tgt Ion:164 Resp: 393522
Ion Ratio Lower Upper
164 100
162 100.0 79.8 119.8
160 45.4 35.8 53.6

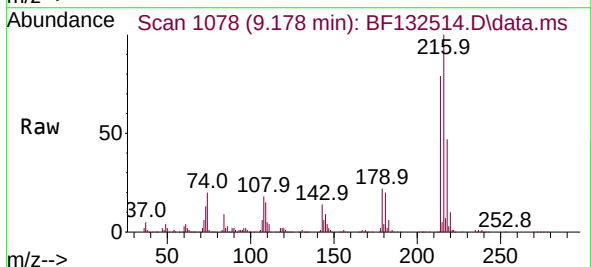
Manual Integrations

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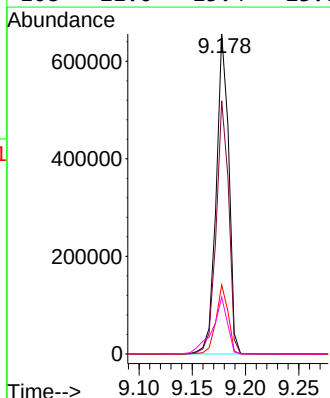
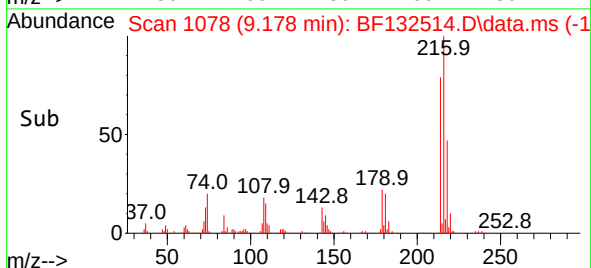
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

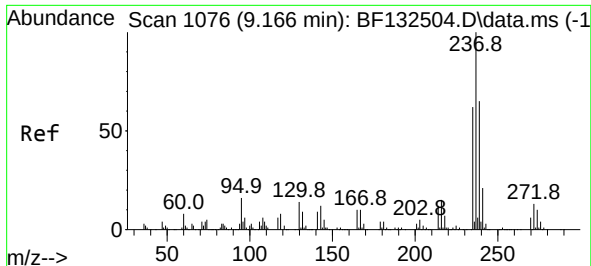


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.839 ng
RT: 9.178 min Scan# 1078
Delta R.T. 0.000 min
Lab File: BF132514.D
Acq: 22 Feb 2023 19:44



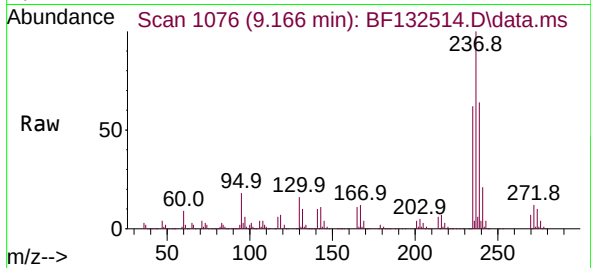
Tgt Ion:216 Resp: 538680
Ion Ratio Lower Upper
216 100
214 78.4 63.0 94.6
179 20.6 16.6 24.8
108 21.0 15.4 23.0





#41
Hexachlorocyclopentadiene
Concen: 100.226 ng
RT: 9.166 min Scan# 1076
Delta R.T. 0.000 min
Lab File: BF132514.D
Acq: 22 Feb 2023 19:44

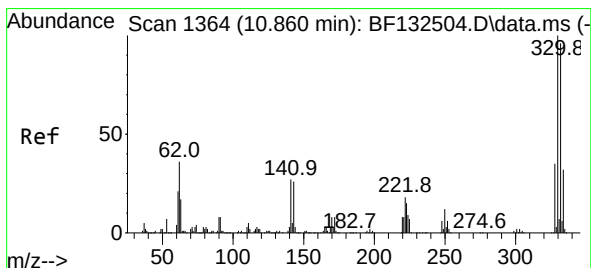
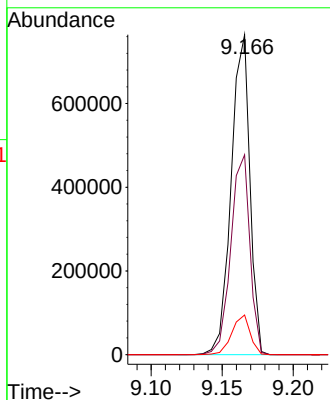
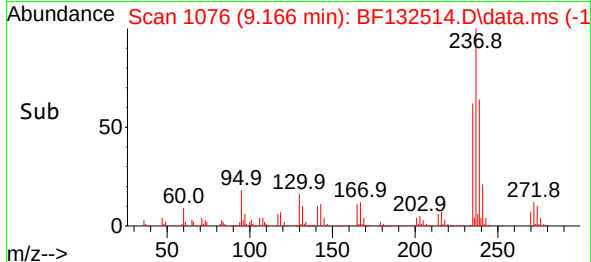
Instrument :
BNA_F
ClientSampleId :
PB150932BS



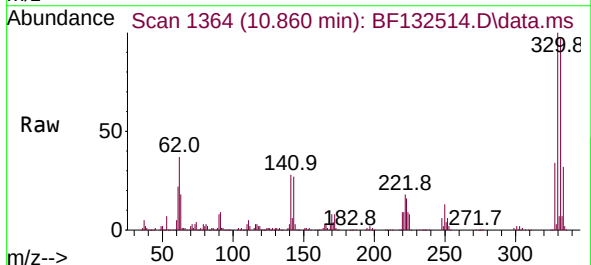
Tgt Ion:237 Resp: 699910
Ion Ratio Lower Upper
237 100
235 62.4 42.4 82.4
272 12.4 0.0 32.7

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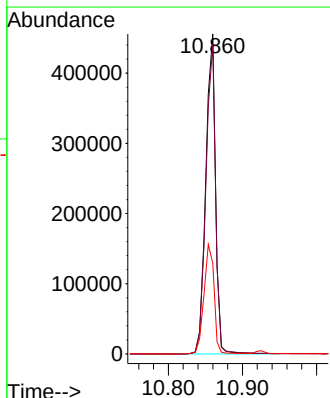
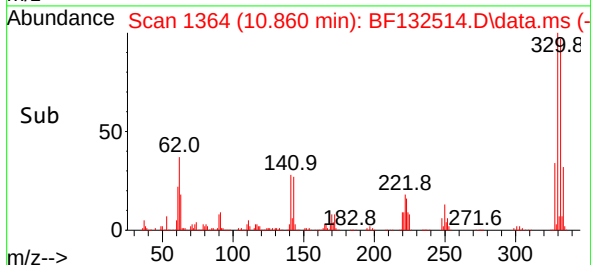
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

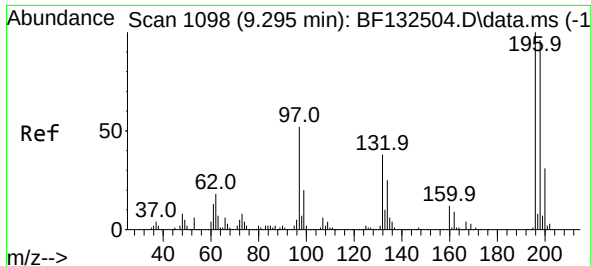


#42
2,4,6-Tribromophenol
Concen: 97.773 ng
RT: 10.860 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BF132514.D
Acq: 22 Feb 2023 19:44



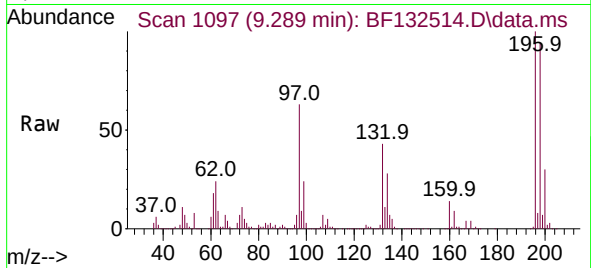
Tgt Ion:330 Resp: 415521
Ion Ratio Lower Upper
330 100
332 95.9 76.2 114.4
141 35.5 28.4 42.6





#43
2,4,6-Trichlorophenol
Concen: 41.792 ng
RT: 9.289 min Scan# 1105
Delta R.T. -0.006 min
Lab File: BF132514.D
Acq: 22 Feb 2023 19:44

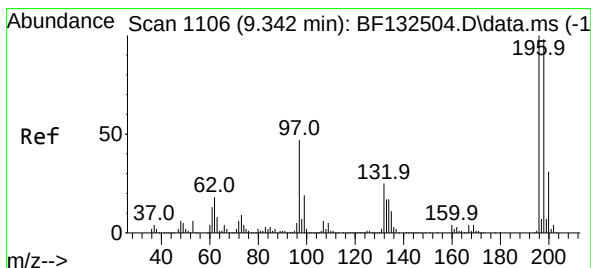
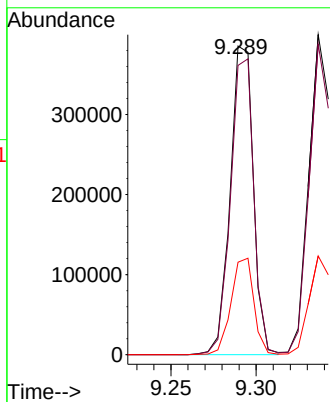
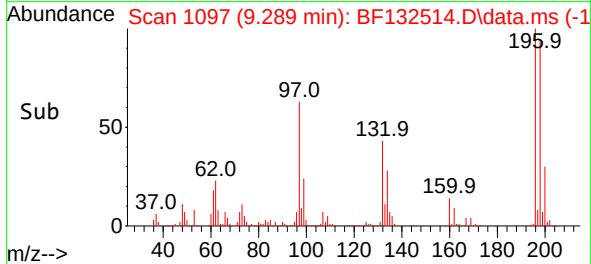
Instrument :
BNA_F
ClientSampleId :
PB150932BS



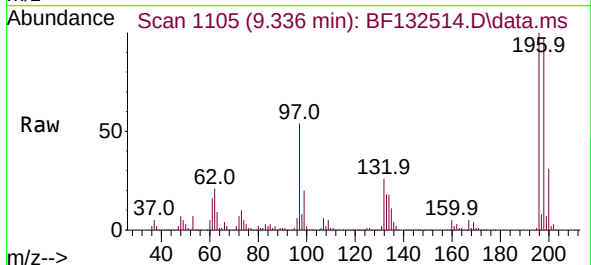
Tgt Ion:196 Resp: 364655
Ion Ratio Lower Upper
196 100
198 93.7 77.1 115.7
200 30.0 25.0 37.4

Manual Integrations
APPROVED

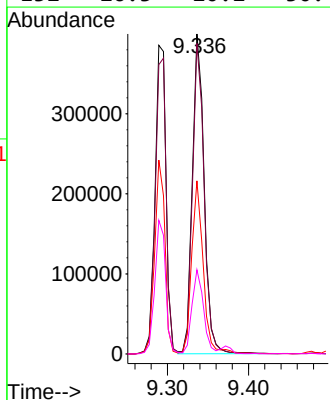
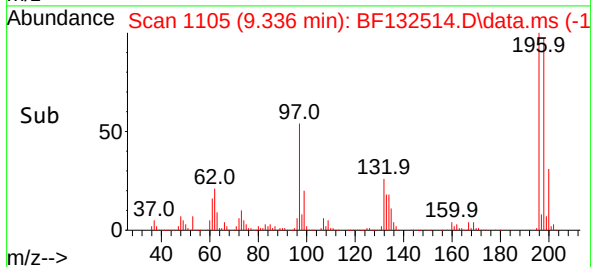
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

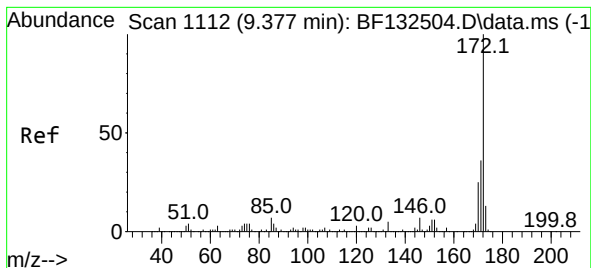


#44
2,4,5-Trichlorophenol
Concen: 39.610 ng
RT: 9.336 min Scan# 1105
Delta R.T. -0.006 min
Lab File: BF132514.D
Acq: 22 Feb 2023 19:44



Tgt Ion:196 Resp: 403375
Ion Ratio Lower Upper
196 100
198 97.0 78.3 117.5
97 54.1 38.1 57.1
132 26.3 20.2 30.4





#45

2-Fluorobiphenyl

Concen: 62.000 ng

RT: 9.372 min Scan# 1111

Delta R.T. -0.005 min

Lab File: BF132514.D

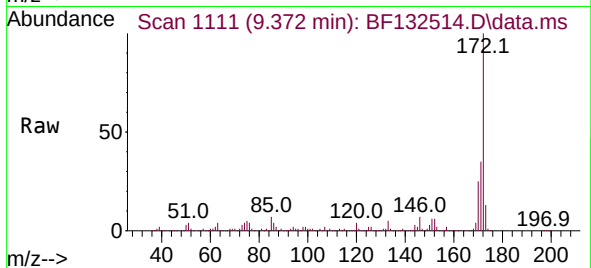
Acq: 22 Feb 2023 19:44

Instrument :

BNA_F

ClientSampleId :

PB150932BS



Tgt Ion:172 Resp: 160235

Ion Ratio Lower Upper

172 100

171 35.1 28.8 43.2

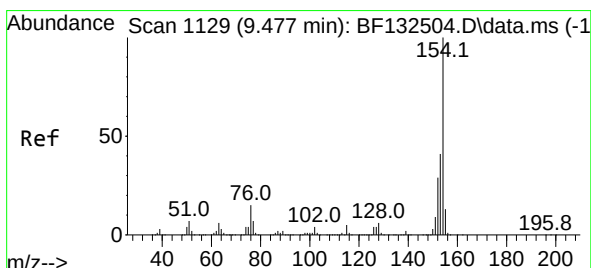
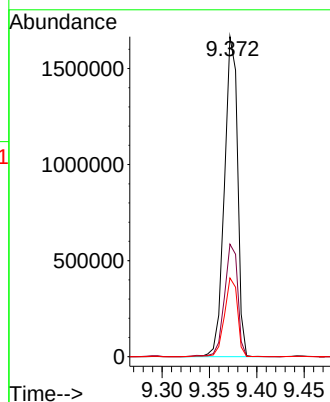
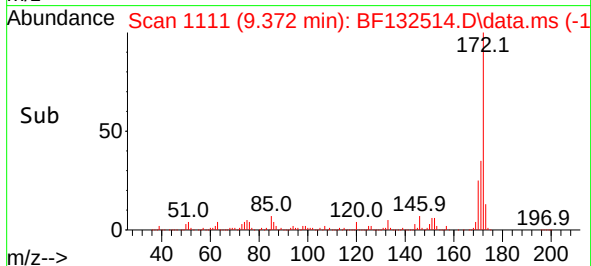
170 24.6 19.7 29.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/23/2023

Supervised By :Jagrut Upadhyay 02/23/2023



#46

1,1'-Biphenyl

Concen: 41.027 ng

RT: 9.478 min Scan# 1129

Delta R.T. 0.000 min

Lab File: BF132514.D

Acq: 22 Feb 2023 19:44

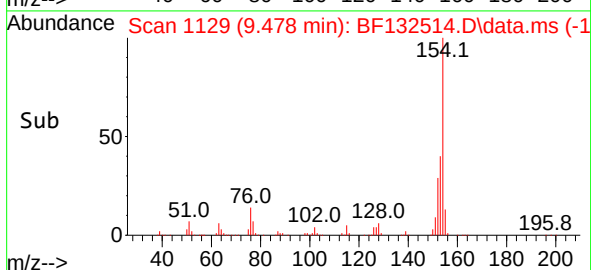
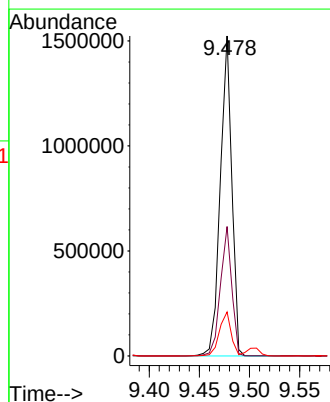
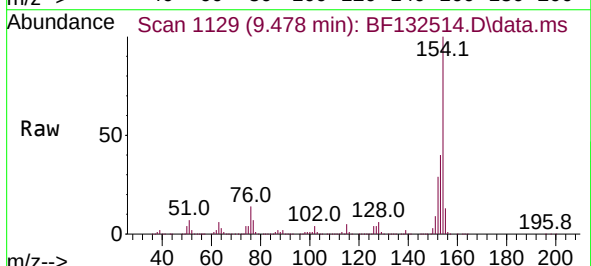
Tgt Ion:154 Resp: 1221997

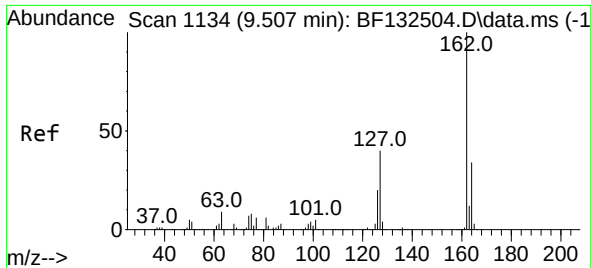
Ion Ratio Lower Upper

154 100

153 40.4 20.9 60.9

76 13.7 0.0 34.7





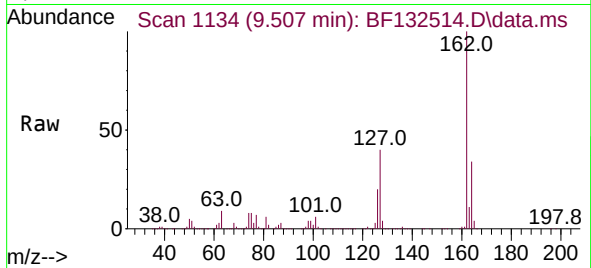
#47
2-Chloronaphthalene
Concen: 41.984 ng
RT: 9.507 min Scan# 1134
Delta R.T. 0.000 min
Lab File: BF132514.D
Acq: 22 Feb 2023 19:44

Instrument :

BNA_F

ClientSampleId :

PB150932BS

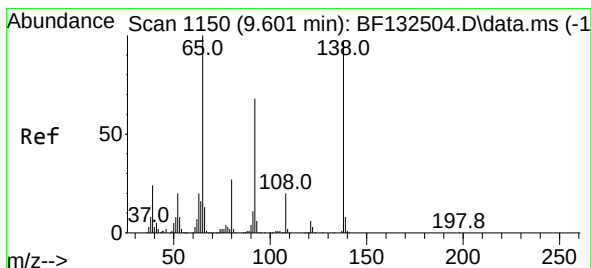
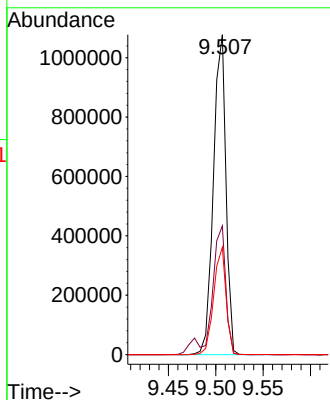
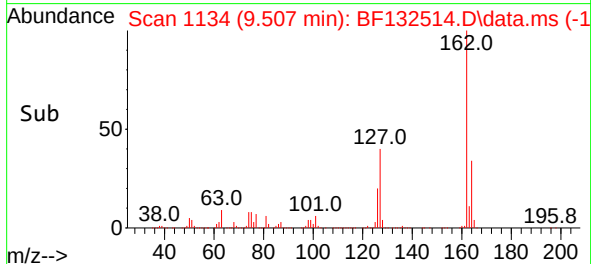


Tgt Ion:162 Resp: 991441
Ion Ratio Lower Upper
162 100
127 40.2 32.3 48.5
164 33.5 26.9 40.3

Manual Integrations

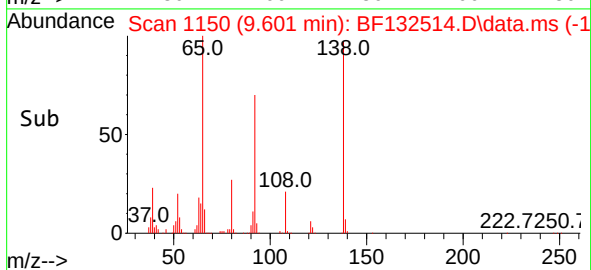
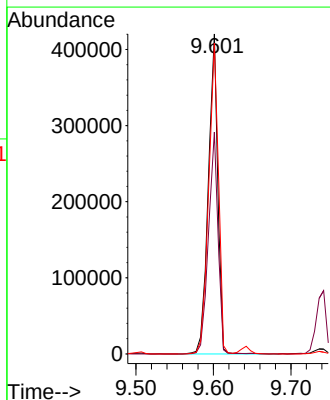
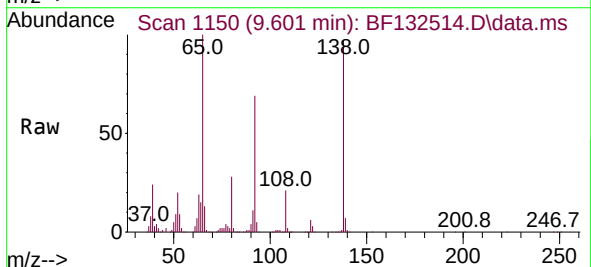
APPROVED

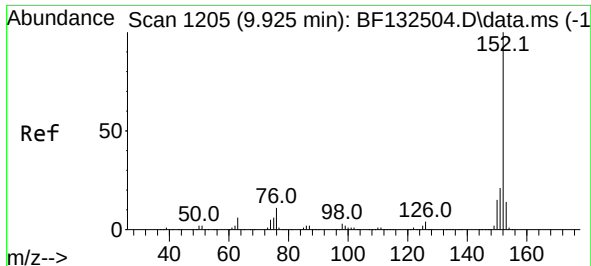
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#48
2-Nitroaniline
Concen: 41.144 ng
RT: 9.601 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BF132514.D
Acq: 22 Feb 2023 19:44

Tgt Ion: 65 Resp: 357843
Ion Ratio Lower Upper
65 100
92 69.4 54.5 81.7
138 97.1 77.2 115.8





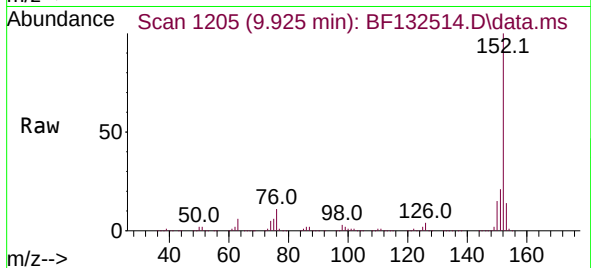
#49
Acenaphthylene
Concen: 40.442 ng
RT: 9.925 min Scan# 1205
Delta R.T. 0.000 min
Lab File: BF132514.D
Acq: 22 Feb 2023 19:44

Instrument :

BNA_F

ClientSampleId :

PB150932BS

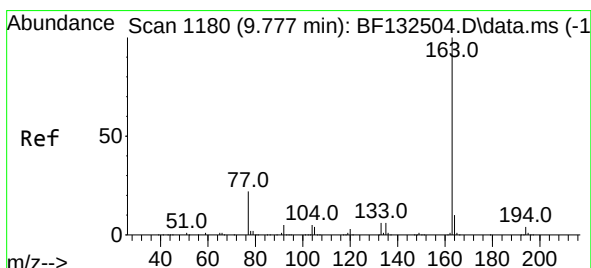
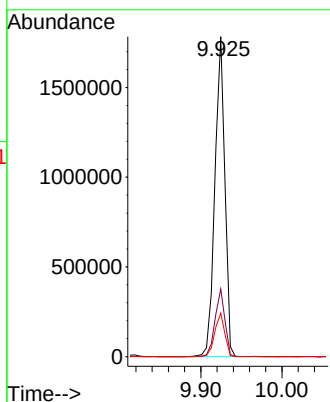
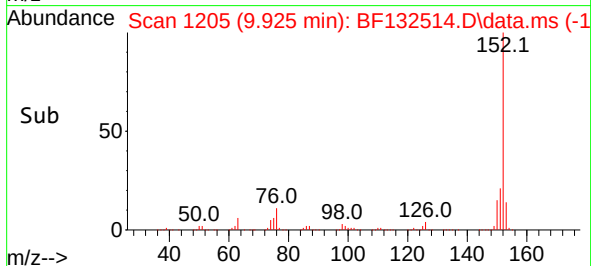


Tgt Ion:152 Resp: 1519939
Ion Ratio Lower Upper
152 100
151 21.1 16.4 24.6
153 13.6 11.0 16.6

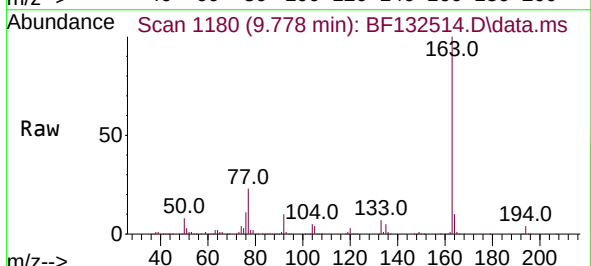
Manual Integrations

APPROVED

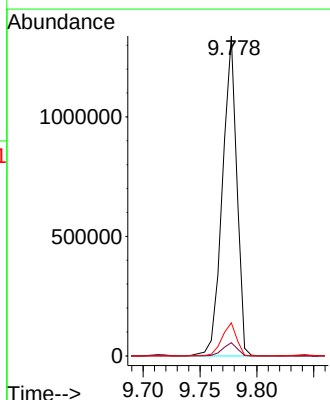
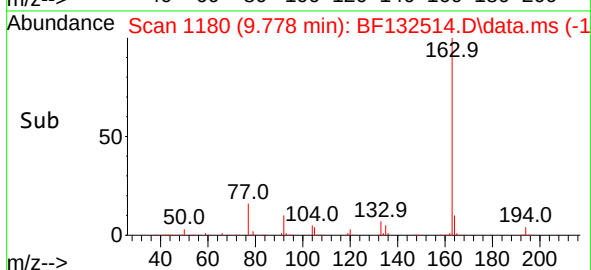
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

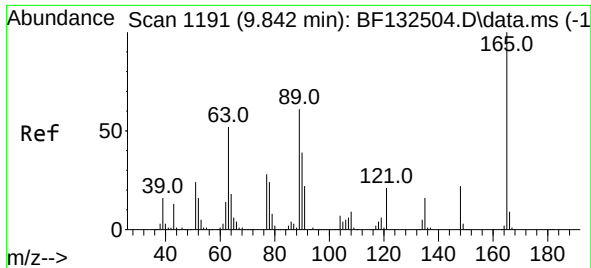


#50
Dimethylphthalate
Concen: 41.075 ng
RT: 9.778 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF132514.D
Acq: 22 Feb 2023 19:44



Tgt Ion:163 Resp: 1176945
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.3 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 41.859 ng
RT: 9.842 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF132514.D
Acq: 22 Feb 2023 19:44

Instrument :

BNA_F

ClientSampleId :

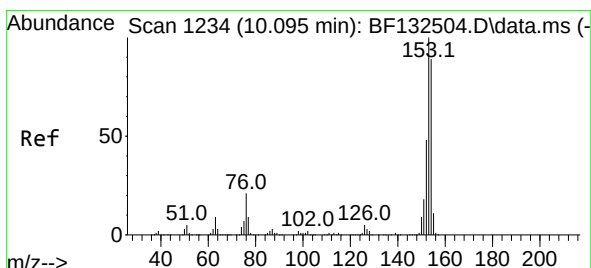
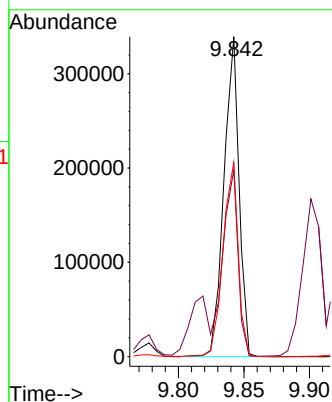
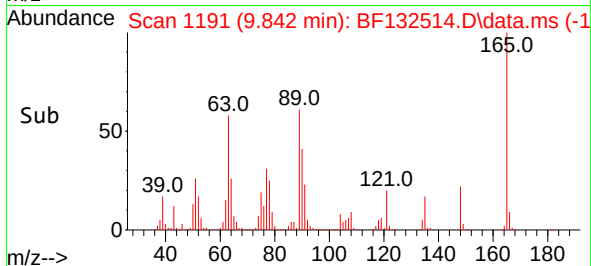
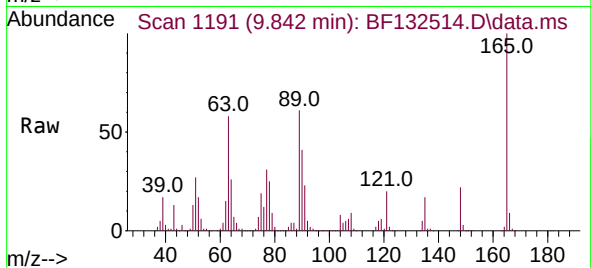
PB150932BS

Tgt Ion:165 Resp: 273154
Ion Ratio Lower Upper
165 100
63 58.3 47.3 70.9
89 60.7 48.9 73.3

Manual Integrations

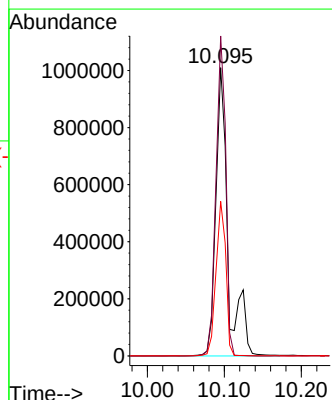
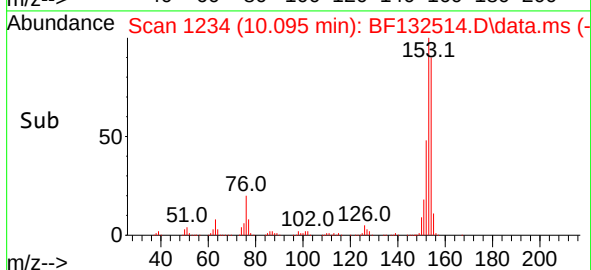
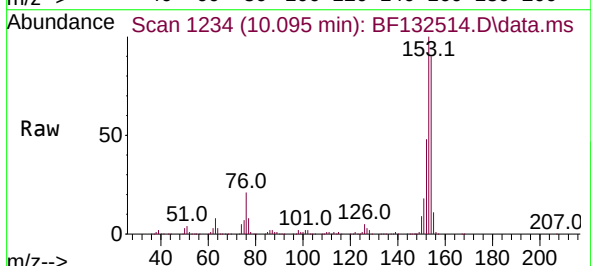
APPROVED

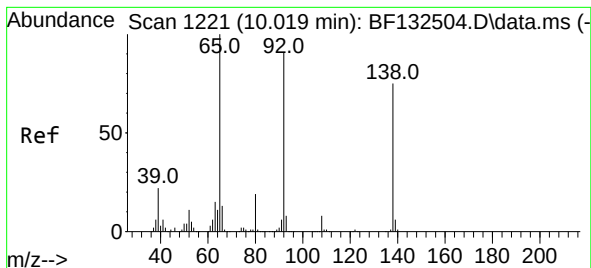
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#52
Acenaphthene
Concen: 46.434 ng m
RT: 10.095 min Scan# 1234
Delta R.T. 0.000 min
Lab File: BF132514.D
Acq: 22 Feb 2023 19:44

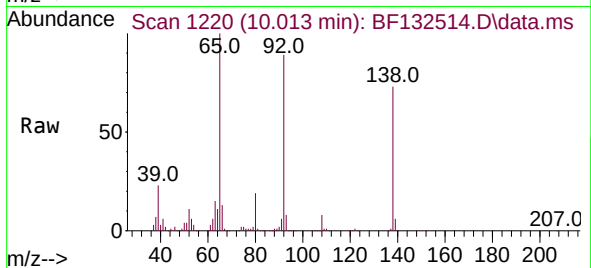
Tgt Ion:154 Resp: 1108144
Ion Ratio Lower Upper
154 100
153 111.0 89.8 134.8
152 53.6 43.3 64.9





#53
3-Nitroaniline
Concen: 27.512 ng
RT: 10.013 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF132514.D
Acq: 22 Feb 2023 19:44

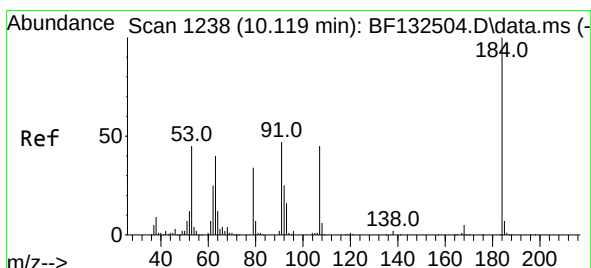
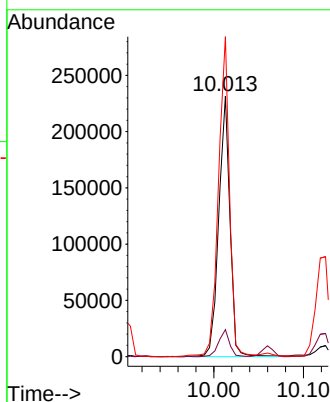
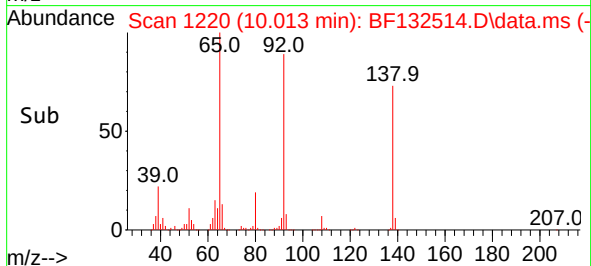
Instrument :
BNA_F
ClientSampleId :
PB150932BS



Tgt Ion:138 Resp: 200826
Ion Ratio Lower Upper
138 100
108 10.4 8.1 12.1
92 122.8 97.2 145.8

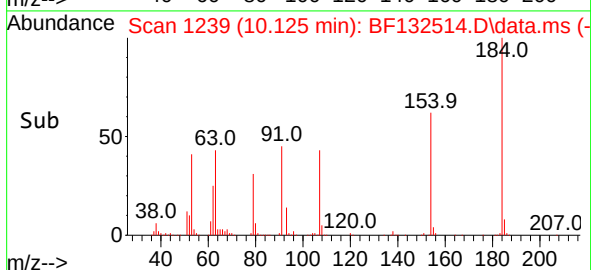
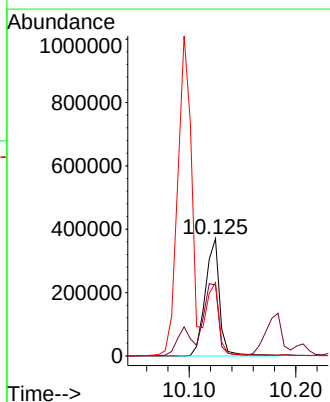
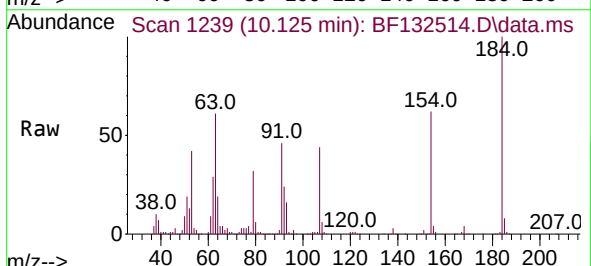
Manual Integrations
APPROVED

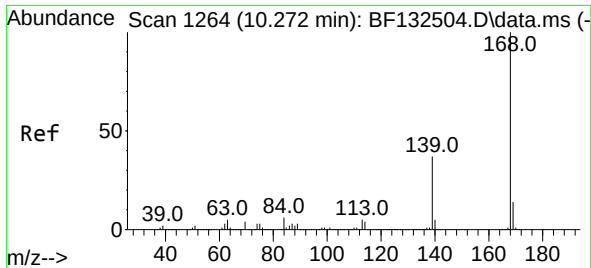
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#54
2,4-Dinitrophenol
Concen: 83.851 ng
RT: 10.125 min Scan# 1239
Delta R.T. 0.006 min
Lab File: BF132514.D
Acq: 22 Feb 2023 19:44

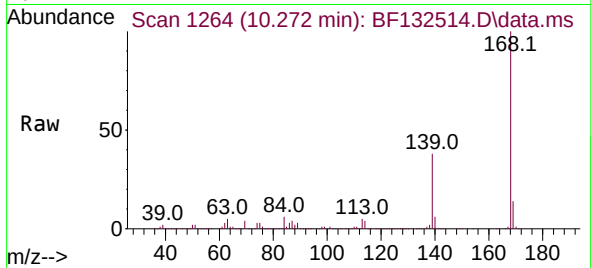
Tgt Ion:184 Resp: 345180
Ion Ratio Lower Upper
184 100
63 60.6 51.4 77.2
154 62.5 48.3 72.5





#55
Dibenzofuran
Concen: 39.946 ng
RT: 10.272 min Scan# 1264
Delta R.T. -0.000 min
Lab File: BF132514.D
Acq: 22 Feb 2023 19:44

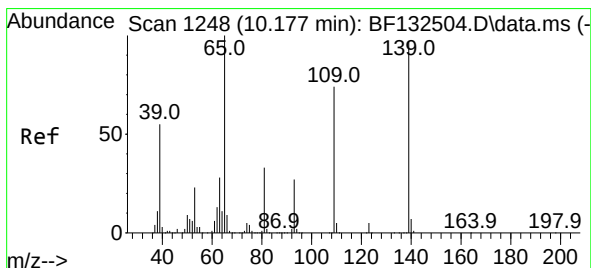
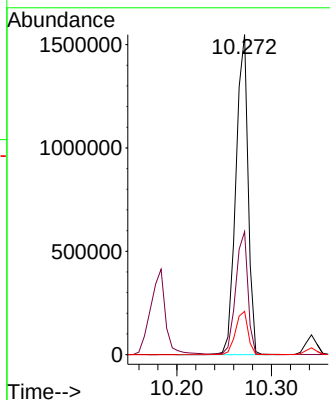
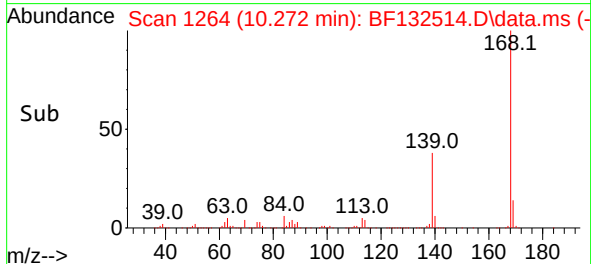
Instrument :
BNA_F
ClientSampleId :
PB150932BS



Tgt Ion:168 Resp: 1389778
Ion Ratio Lower Upper
168 100
139 38.4 29.8 44.6
169 13.5 10.9 16.3

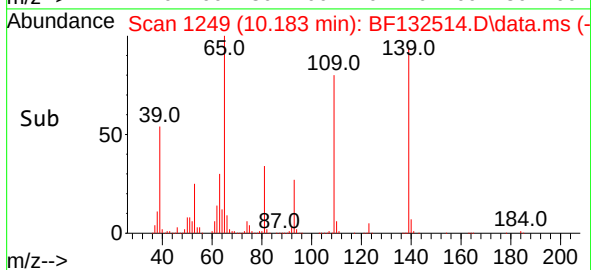
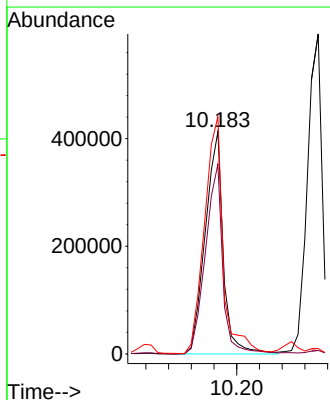
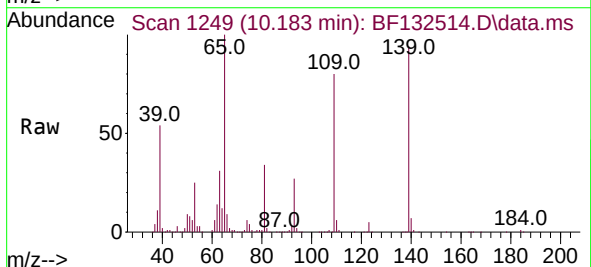
Manual Integrations
APPROVED

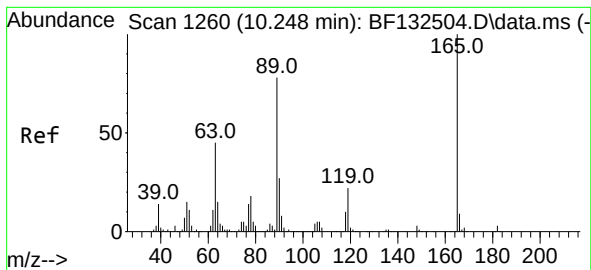
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#56
4-Nitrophenol
Concen: 83.430 ng
RT: 10.183 min Scan# 1249
Delta R.T. 0.006 min
Lab File: BF132514.D
Acq: 22 Feb 2023 19:44

Tgt Ion:139 Resp: 454175
Ion Ratio Lower Upper
139 100
109 85.3 56.7 96.7
65 106.7 83.5 123.5





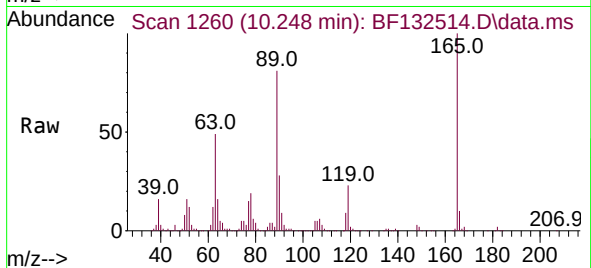
#57
2,4-Dinitrotoluene
Concen: 42.834 ng
RT: 10.248 min Scan# 1260
Delta R.T. 0.000 min
Lab File: BF132514.D
Acq: 22 Feb 2023 19:44

Instrument :

BNA_F

ClientSampleId :

PB150932BS

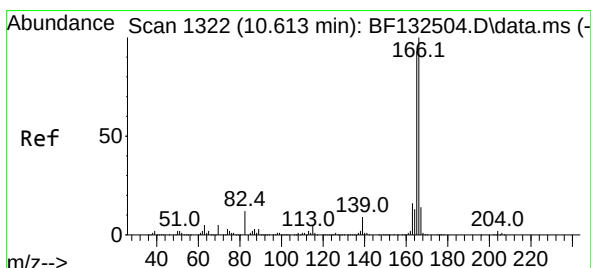
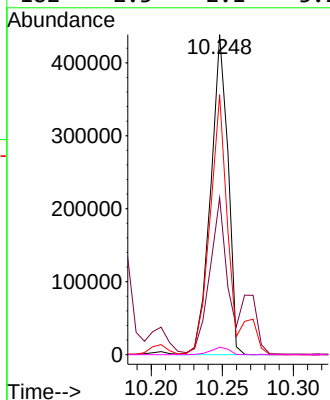
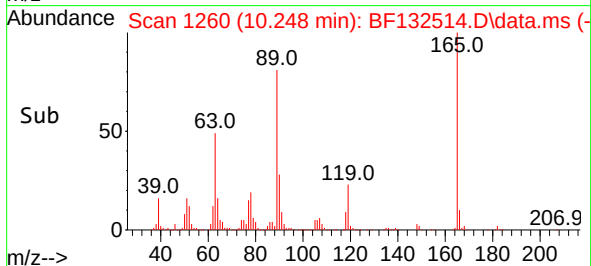


Tgt Ion:165 Resp: 371858
Ion Ratio Lower Upper
165 100
63 49.0 36.5 54.7
89 81.3 62.4 93.6
182 2.3 2.1 3.1

Manual Integrations

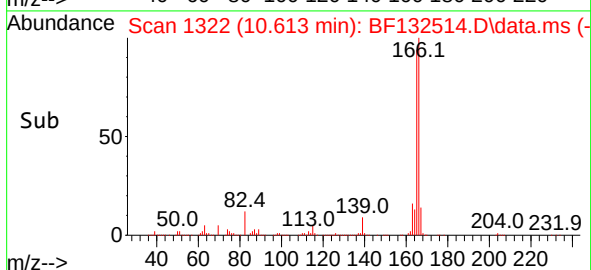
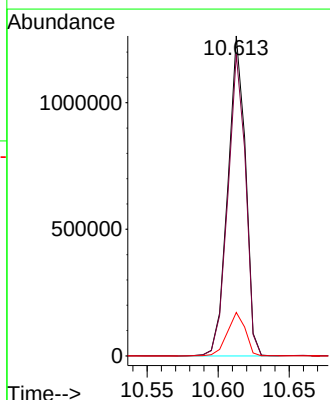
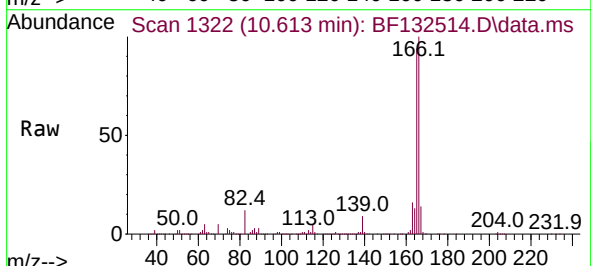
APPROVED

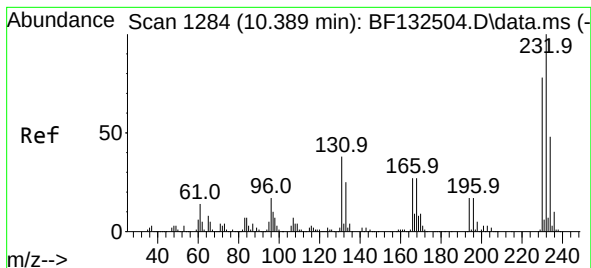
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#58
Fluorene
Concen: 41.067 ng
RT: 10.613 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF132514.D
Acq: 22 Feb 2023 19:44

Tgt Ion:166 Resp: 1092891
Ion Ratio Lower Upper
166 100
165 94.2 74.2 111.4
167 13.6 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.470 ng
RT: 10.389 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BF132514.D
Acq: 22 Feb 2023 19:44

Instrument :

BNA_F

ClientSampleId :

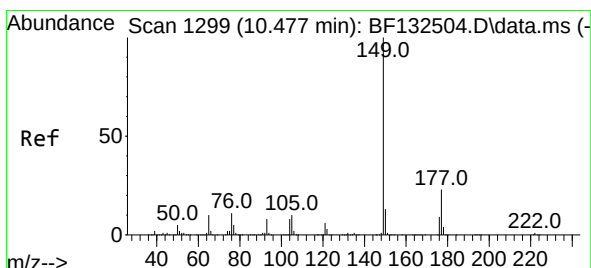
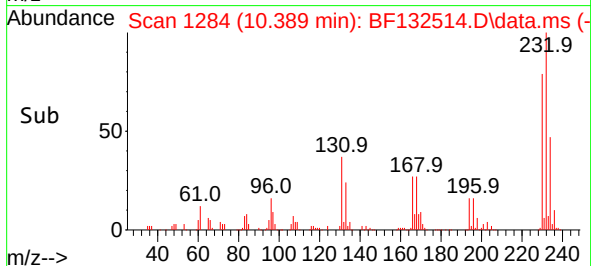
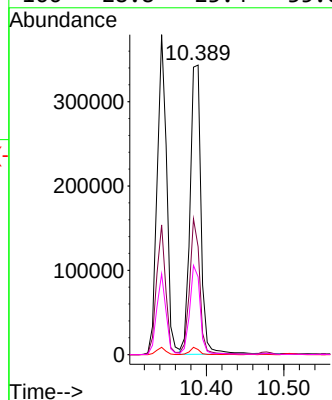
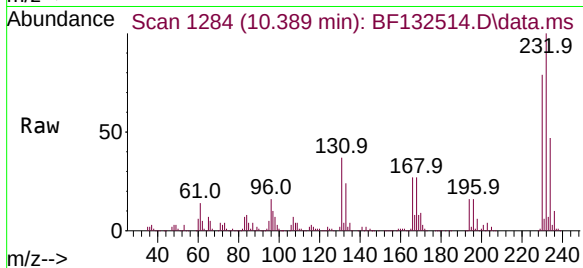
PB150932BS

Tgt Ion:232 Resp: 336414
Ion Ratio Lower Upper
232 100
131 43.0 33.8 50.8
130 2.0 1.7 2.5
166 28.8 23.4 35.0

Manual Integrations

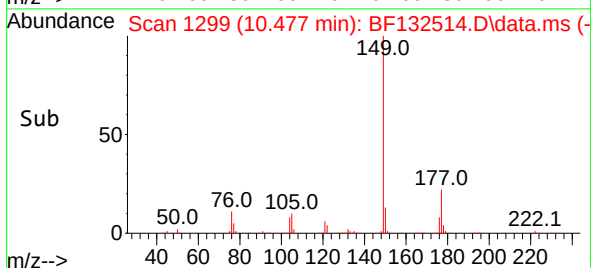
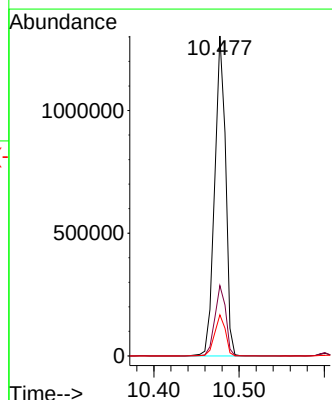
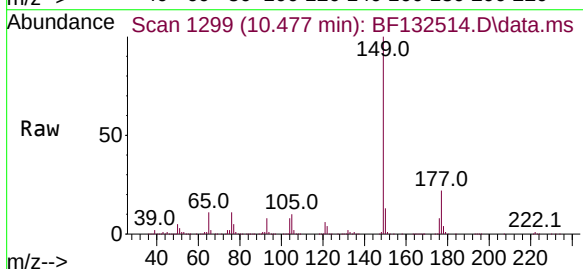
APPROVED

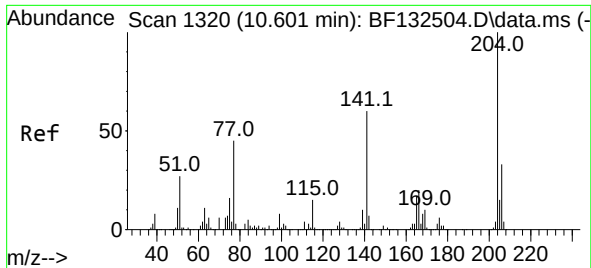
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#60
Diethylphthalate
Concen: 41.368 ng
RT: 10.477 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BF132514.D
Acq: 22 Feb 2023 19:44

Tgt Ion:149 Resp: 1157664
Ion Ratio Lower Upper
149 100
177 22.0 18.1 27.1
150 12.8 10.2 15.2





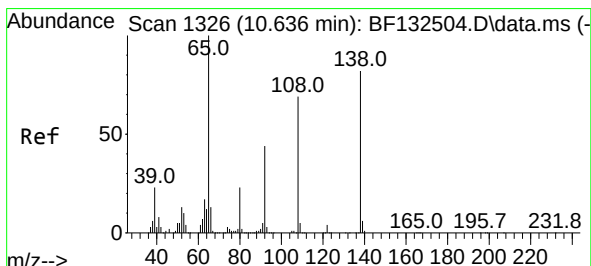
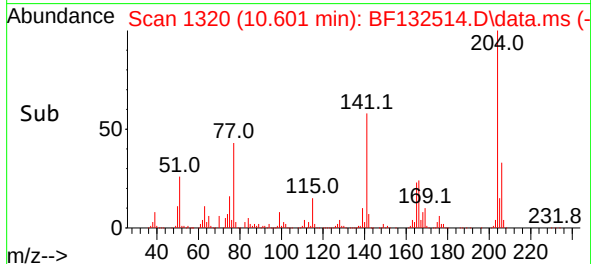
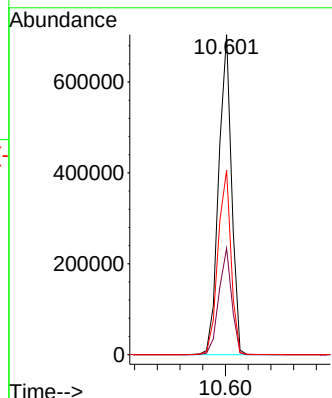
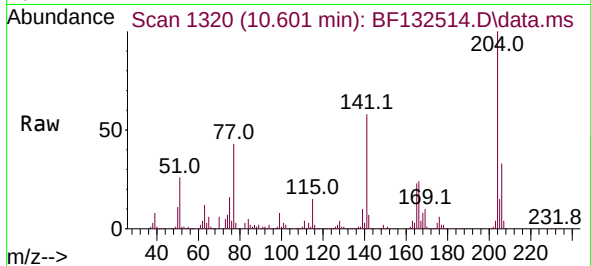
#61
4-Chlorophenyl-phenylether
Concen: 40.049 ng
RT: 10.601 min Scan# 1320
Delta R.T. 0.000 min
Lab File: BF132514.D
Acq: 22 Feb 2023 19:44

Instrument :
BNA_F
ClientSampleId :
PB150932BS

Tgt Ion:204 Resp: 552895
Ion Ratio Lower Upper
204 100
206 33.2 26.3 39.5
141 57.7 47.8 71.8

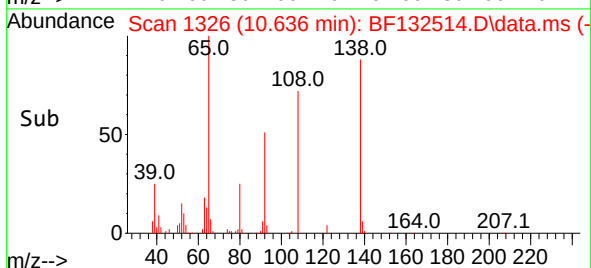
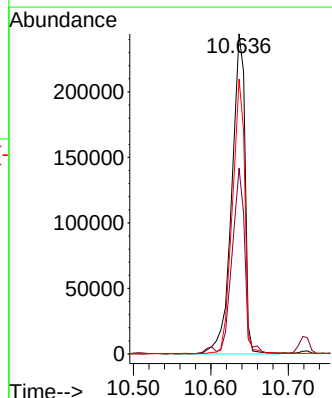
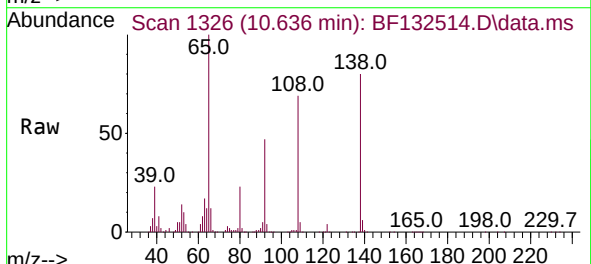
Manual Integrations
APPROVED

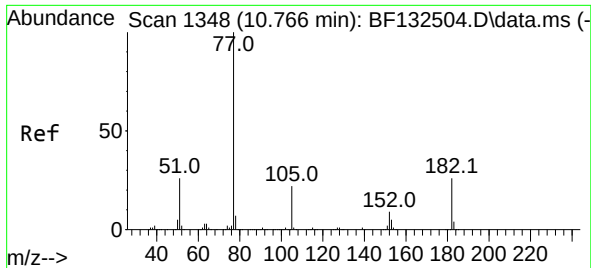
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#62
4-Nitroaniline
Concen: 40.851 ng
RT: 10.636 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BF132514.D
Acq: 22 Feb 2023 19:44

Tgt Ion:138 Resp: 292710
Ion Ratio Lower Upper
138 100
92 58.0 33.8 73.8
108 85.9 63.7 103.7





#63
Azobenzene
Concen: 41.397 ng
RT: 10.760 min Scan# 1347
Delta R.T. -0.006 min
Lab File: BF132514.D
Acq: 22 Feb 2023 19:44

Instrument :

BNA_F

ClientSampleId :

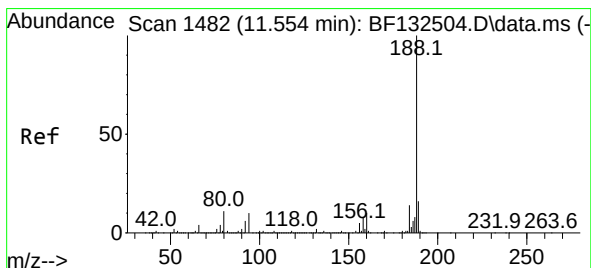
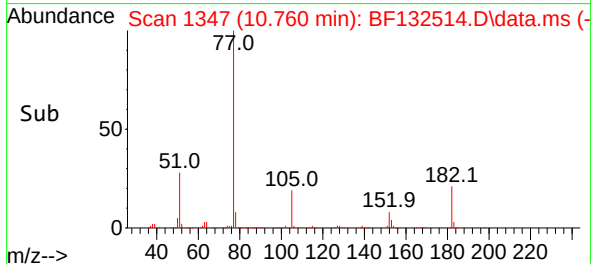
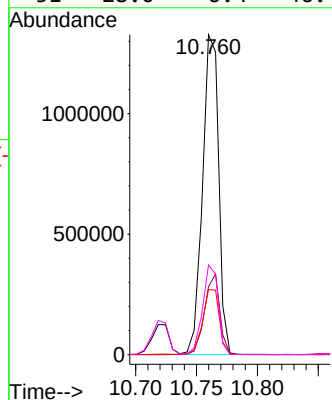
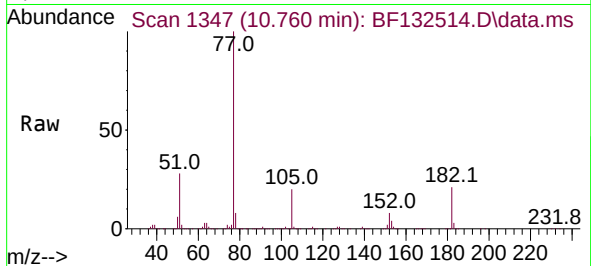
PB150932BS

Tgt Ion: 77 Resp: 1226883
Ion Ratio Lower Upper
77 100
182 21.2 5.5 45.5
105 20.3 1.8 41.8
51 28.0 6.4 46.4

Manual Integrations

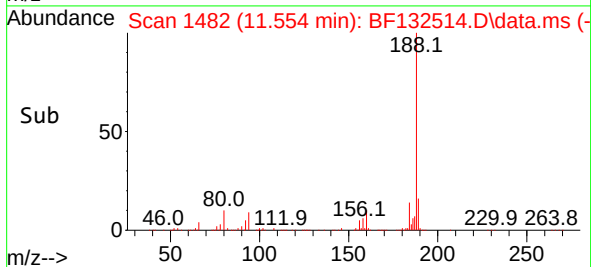
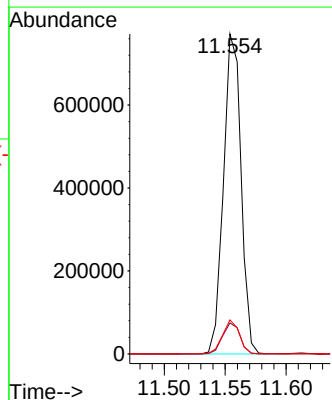
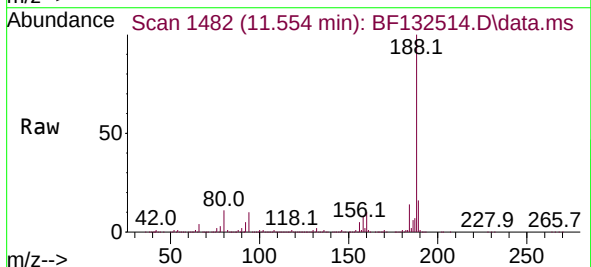
APPROVED

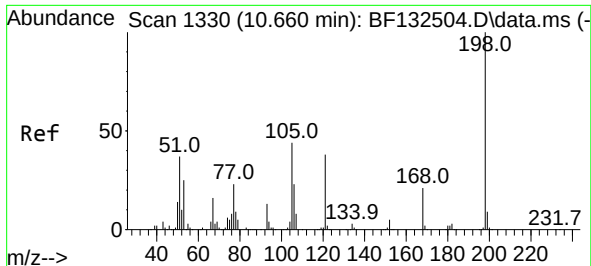
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.554 min Scan# 1482
Delta R.T. 0.000 min
Lab File: BF132514.D
Acq: 22 Feb 2023 19:44

Tgt Ion:188 Resp: 772772
Ion Ratio Lower Upper
188 100
94 9.7 8.3 12.5
80 10.6 8.7 13.1





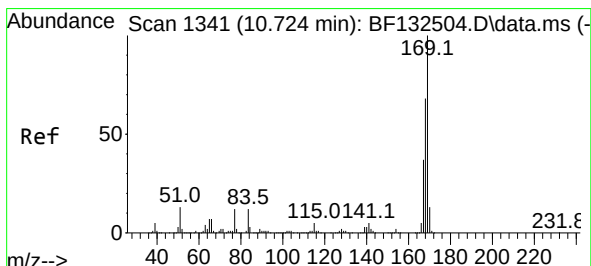
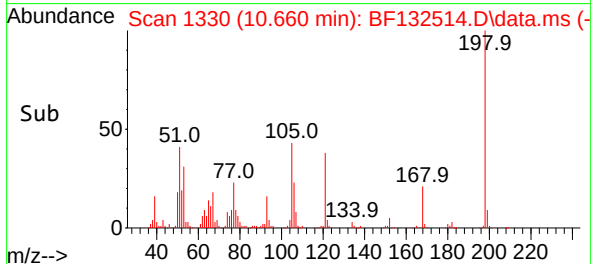
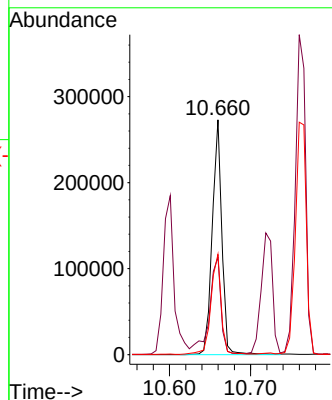
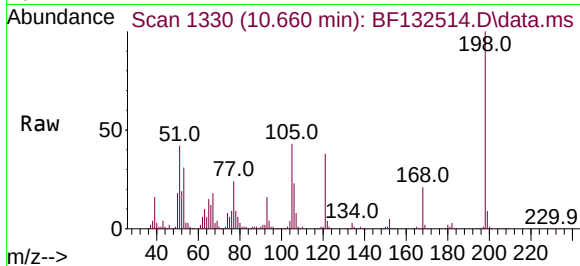
#65
4,6-Dinitro-2-methylphenol
Concen: 43.332 ng
RT: 10.660 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BF132514.D
Acq: 22 Feb 2023 19:44

Instrument :
BNA_F
ClientSampleId :
PB150932BS

Tgt Ion:198 Resp: 226681
Ion Ratio Lower Upper
198 100
51 41.5 20.6 60.6
105 42.7 24.3 64.3

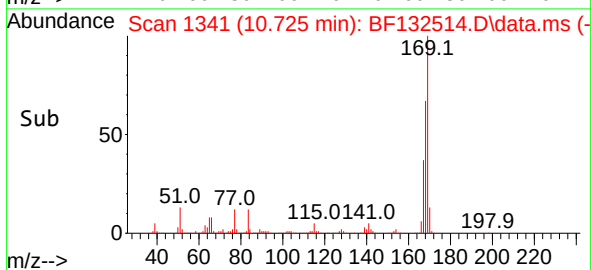
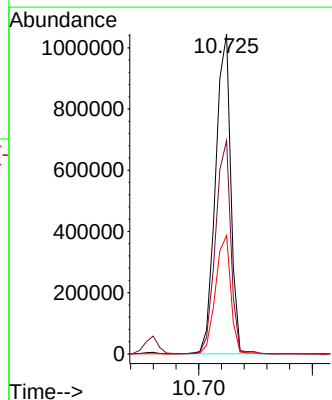
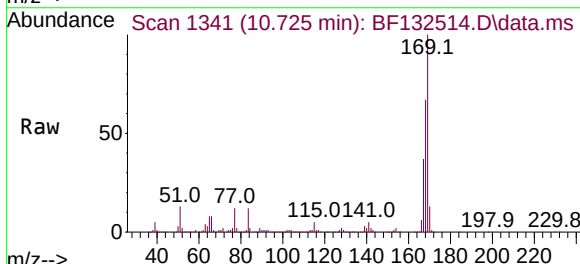
Manual Integrations
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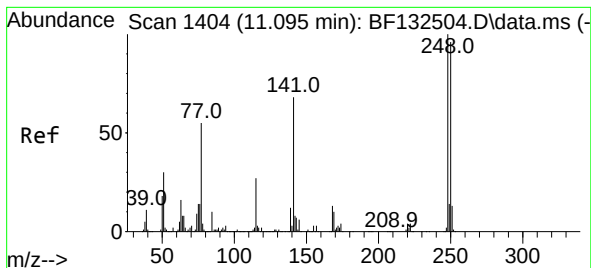
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#66
n-Nitrosodiphenylamine
Concen: 40.231 ng
RT: 10.725 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BF132514.D
Acq: 22 Feb 2023 19:44

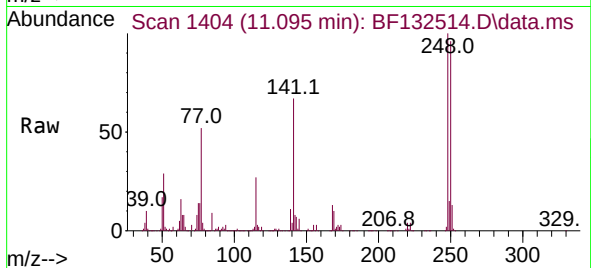
Tgt Ion:169 Resp: 969229
Ion Ratio Lower Upper
169 100
168 66.7 54.2 81.4
167 37.0 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 40.545 ng
RT: 11.095 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF132514.D
Acq: 22 Feb 2023 19:44

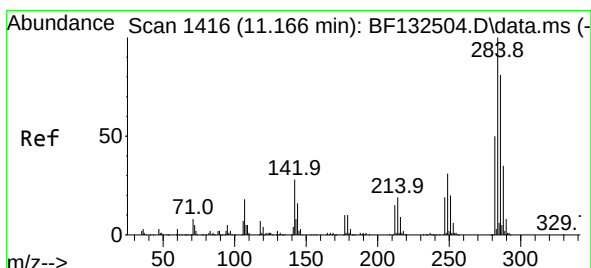
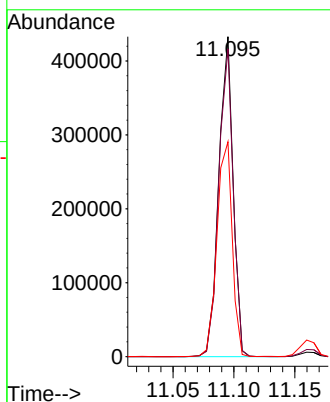
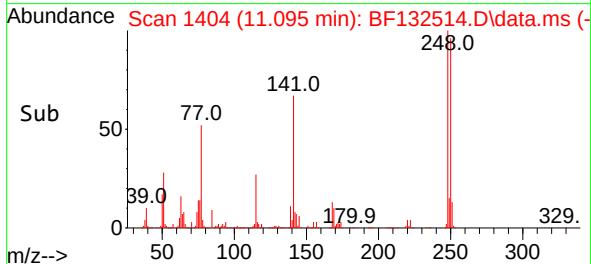
Instrument :
BNA_F
ClientSampleId :
PB150932BS



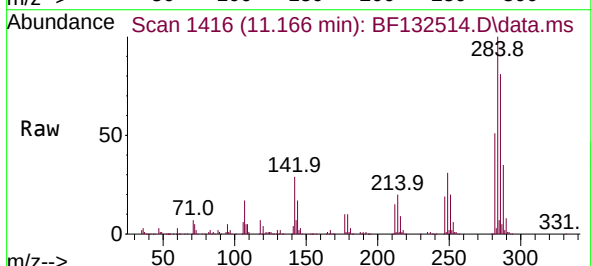
Tgt Ion:248 Resp: 354417
Ion Ratio Lower Upper
248 100
250 96.2 77.0 115.4
141 67.1 54.2 81.2

Manual Integrations
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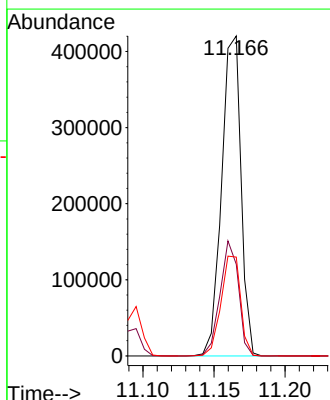
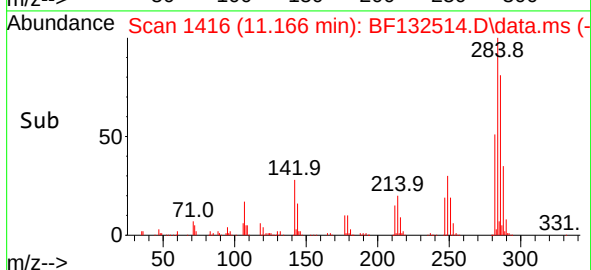
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

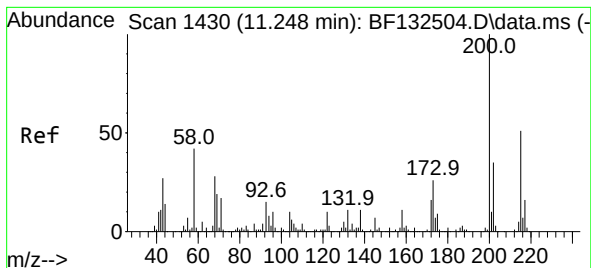


#68
Hexachlorobenzene
Concen: 43.502 ng
RT: 11.166 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF132514.D
Acq: 22 Feb 2023 19:44



Tgt Ion:284 Resp: 400127
Ion Ratio Lower Upper
284 100
142 28.6 22.2 33.4
249 30.9 24.9 37.3





#69

Atrazine

Concen: 45.267 ng

RT: 11.248 min Scan# 1430

Delta R.T. 0.000 min

Lab File: BF132514.D

Acq: 22 Feb 2023 19:44

Instrument :

BNA_F

ClientSampleId :

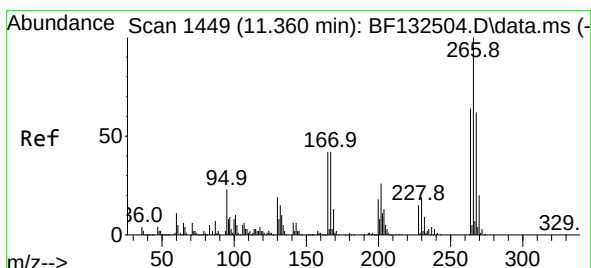
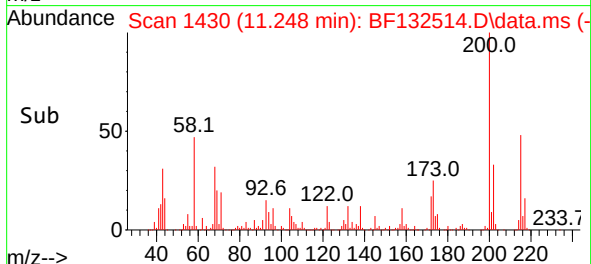
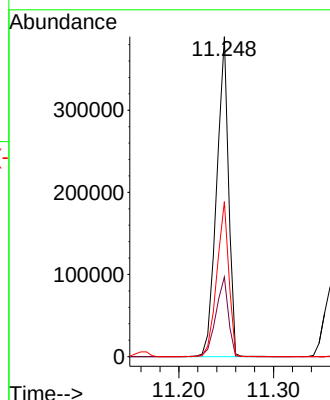
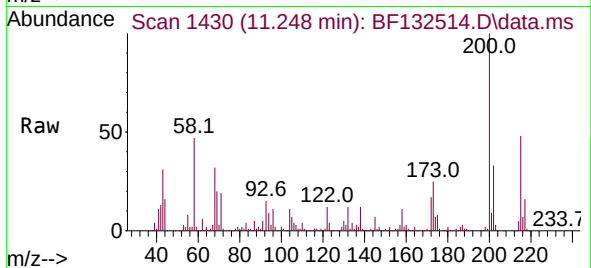
PB150932BS

Tgt Ion:200 Resp: 340460
 Ion Ratio Lower Upper
 200 100
 173 24.9 6.4 46.4
 215 48.4 31.0 71.0

Manual Integrations

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Reviewed By :Christian Giraldo 02/23/2023
 Supervised By :Jagrut Upadhyay 02/23/2023



#70

Pentachlorophenol

Concen: 78.018 ng

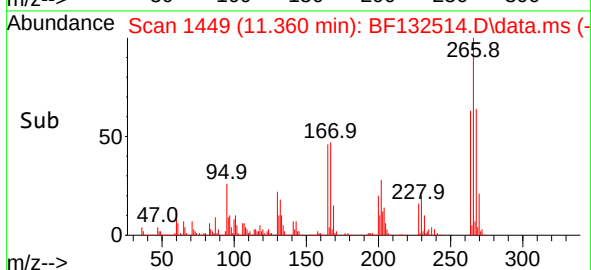
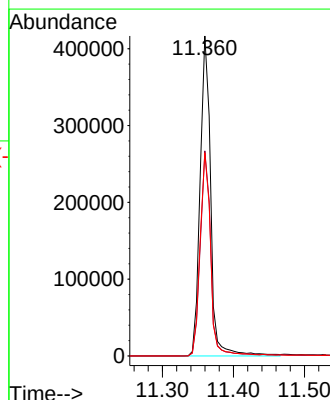
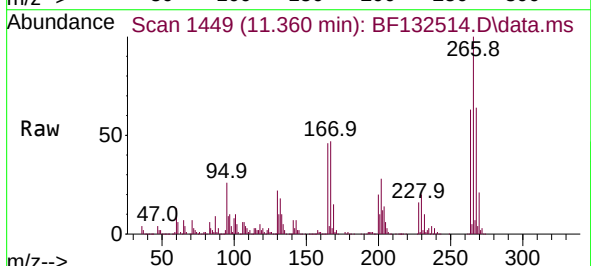
RT: 11.360 min Scan# 1449

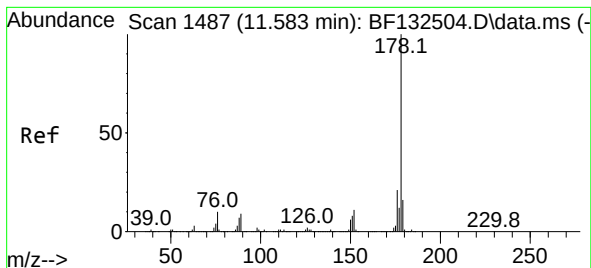
Delta R.T. -0.000 min

Lab File: BF132514.D

Acq: 22 Feb 2023 19:44

Tgt Ion:266 Resp: 426945
 Ion Ratio Lower Upper
 266 100
 268 64.1 49.8 74.6
 264 63.5 50.9 76.3





#71

Phenanthrene

Concen: 40.654 ng

RT: 11.583 min Scan# 1487

Delta R.T. 0.000 min

Lab File: BF132514.D

Acq: 22 Feb 2023 19:44

Instrument :

BNA_F

ClientSampleId :

PB150932BS

Tgt Ion:178 Resp: 162752

Ion Ratio Lower Upper

178 100

176 20.3 16.5 24.7

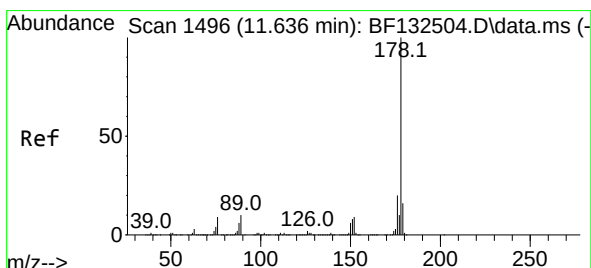
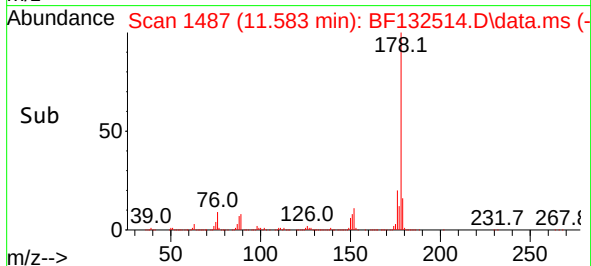
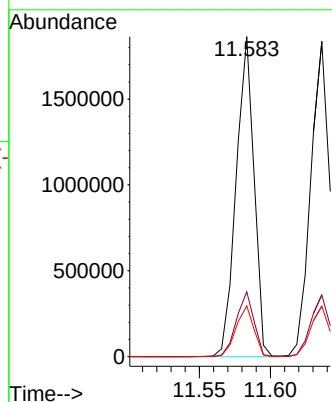
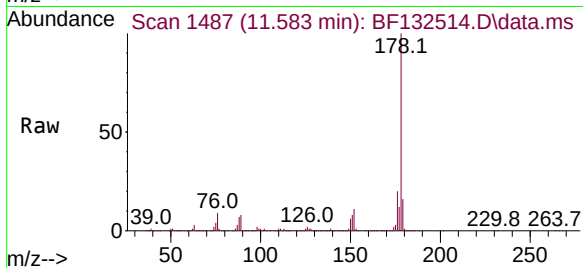
179 15.9 13.0 19.6

Manual Integrations

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Reviewed By :Christian Giraldo 02/23/2023

Supervised By :Jagrut Upadhyay 02/23/2023



#72

Anthracene

Concen: 40.527 ng

RT: 11.636 min Scan# 1496

Delta R.T. 0.000 min

Lab File: BF132514.D

Acq: 22 Feb 2023 19:44

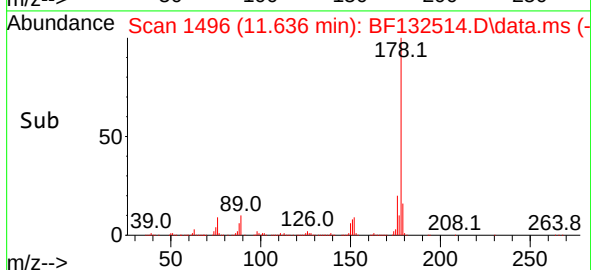
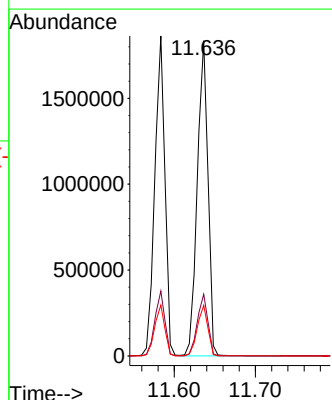
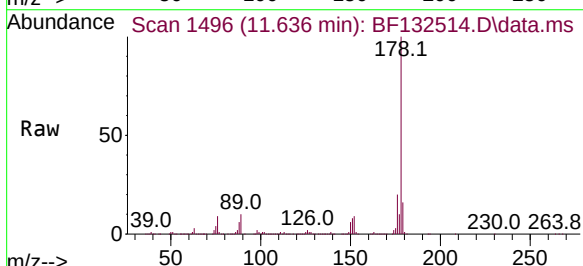
Tgt Ion:178 Resp: 1670725

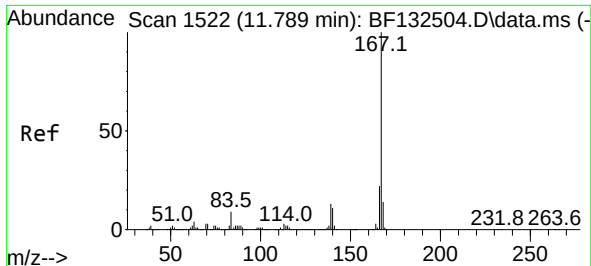
Ion Ratio Lower Upper

178 100

176 19.6 15.6 23.4

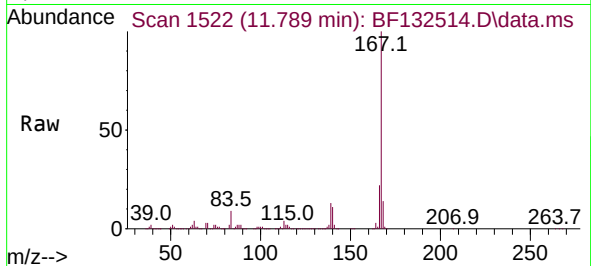
179 16.0 12.5 18.7





#73
 Carbazole
 Concen: 41.385 ng
 RT: 11.789 min Scan# 1522
 Delta R.T. 0.000 min
 Lab File: BF132514.D
 Acq: 22 Feb 2023 19:44

Instrument :
 BNA_F
 ClientSampleId :
 PB150932BS

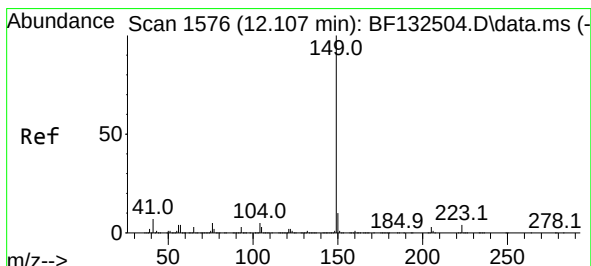
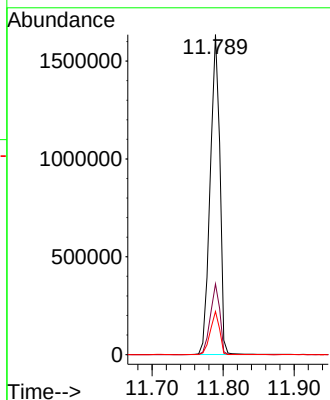
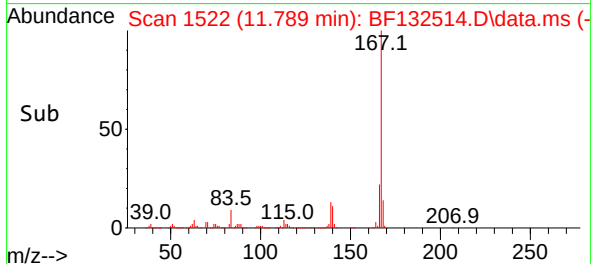


Tgt Ion:167 Resp: 1538234

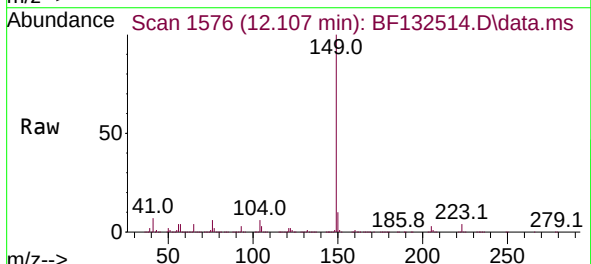
Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.7	26.5
139	13.5	10.5	15.7

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Reviewed By :Christian Giraldo 02/23/2023
 Supervised By :Jagrut Upadhyay 02/23/2023

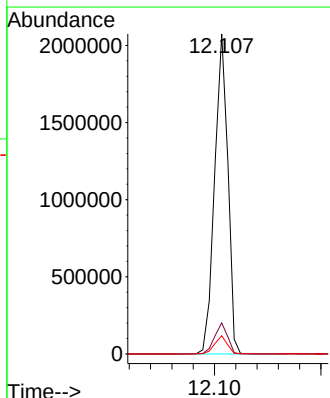
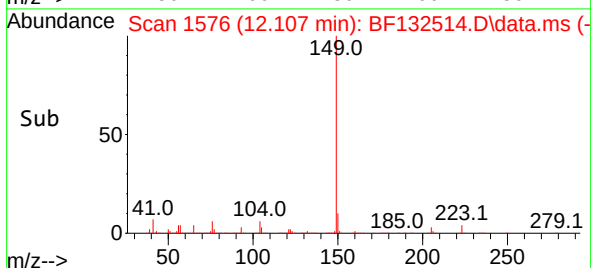


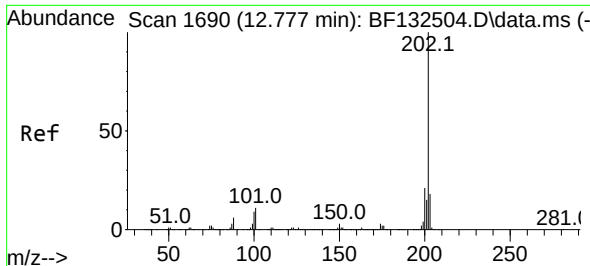
#74
 Di-n-butylphthalate
 Concen: 41.064 ng
 RT: 12.107 min Scan# 1576
 Delta R.T. 0.000 min
 Lab File: BF132514.D
 Acq: 22 Feb 2023 19:44



Tgt Ion:149 Resp: 1790371

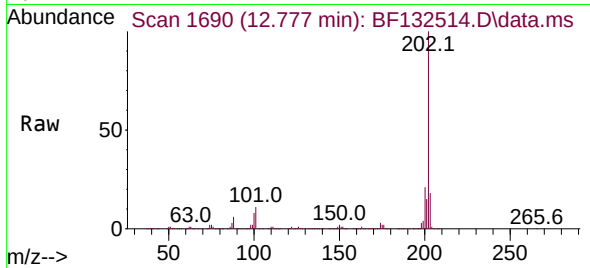
Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.8	11.8
104	5.7	4.3	6.5





#75
Fluoranthene
Concen: 41.310 ng
RT: 12.777 min Scan# 1690
Delta R.T. 0.000 min
Lab File: BF132514.D
Acq: 22 Feb 2023 19:44

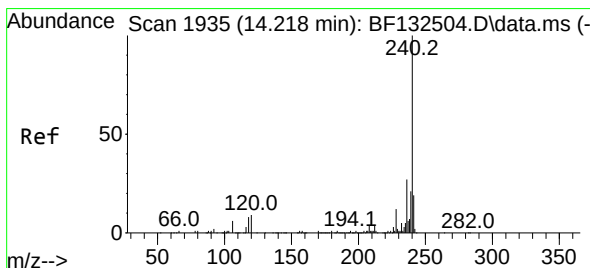
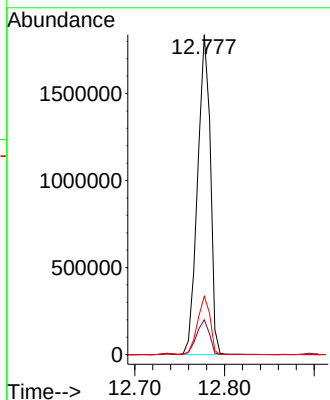
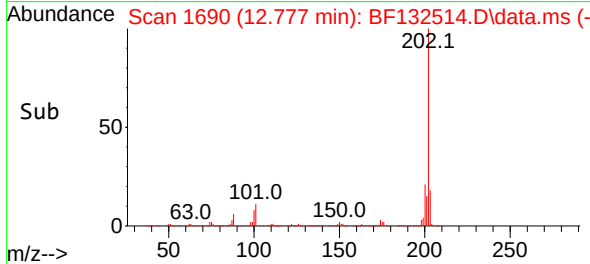
Instrument :
BNA_F
ClientSampleId :
PB150932BS



Tgt Ion:202 Resp: 1807902
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.4
203 18.2 0.0 38.0

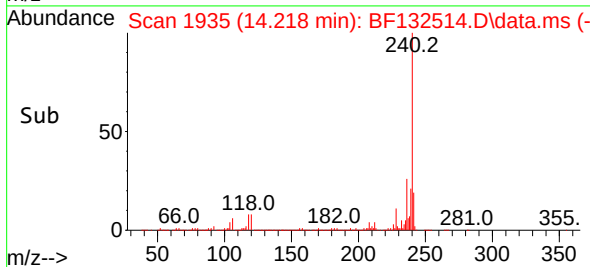
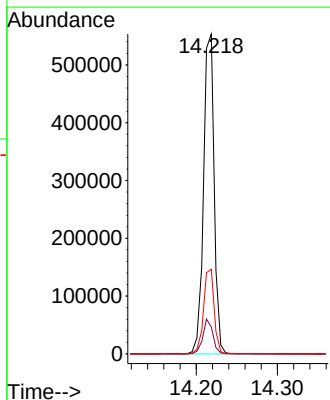
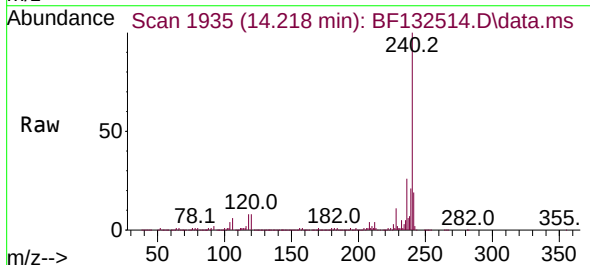
Manual Integrations
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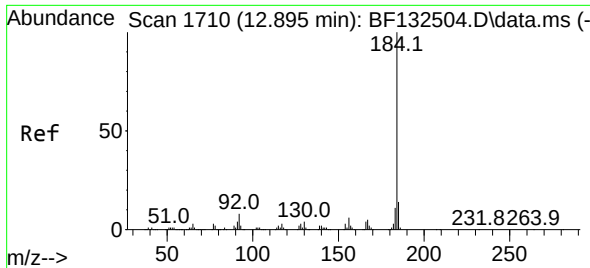
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.218 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BF132514.D
Acq: 22 Feb 2023 19:44

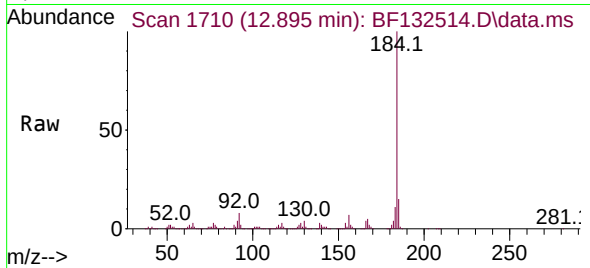
Tgt Ion:240 Resp: 505142
Ion Ratio Lower Upper
240 100
120 8.4 7.2 10.8
236 26.4 21.8 32.6





#77
Benzidine
Concen: 78.436 ng
RT: 12.895 min Scan# 1710
Delta R.T. 0.000 min
Lab File: BF132514.D
Acq: 22 Feb 2023 19:44

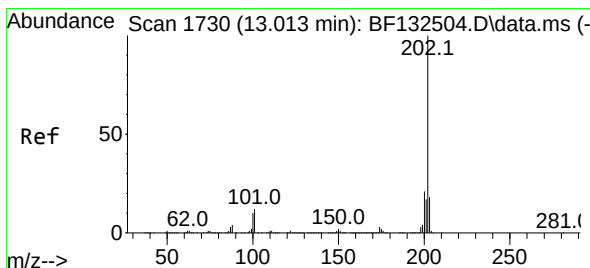
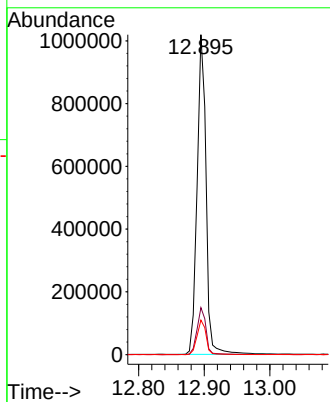
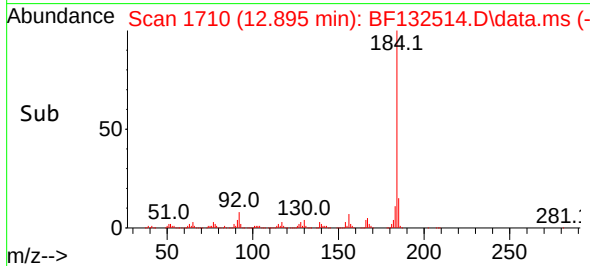
Instrument :
BNA_F
ClientSampleId :
PB150932BS



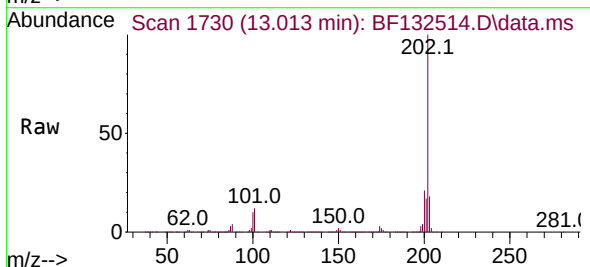
Tgt Ion:184 Resp: 964498
Ion Ratio Lower Upper
184 100
185 14.7 11.7 17.5
183 10.8 8.7 13.1

Manual Integrations
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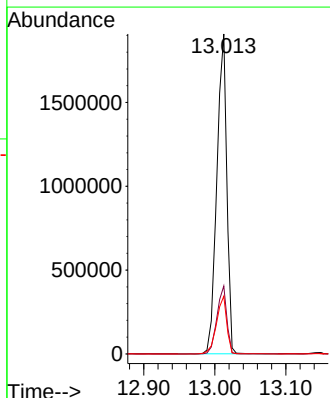
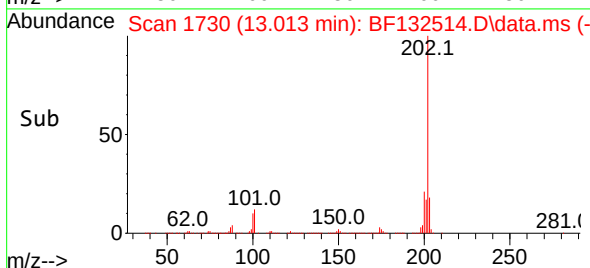
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

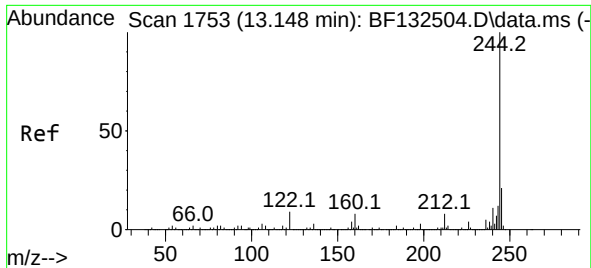


#78
Pyrene
Concen: 40.573 ng
RT: 13.013 min Scan# 1730
Delta R.T. 0.000 min
Lab File: BF132514.D
Acq: 22 Feb 2023 19:44



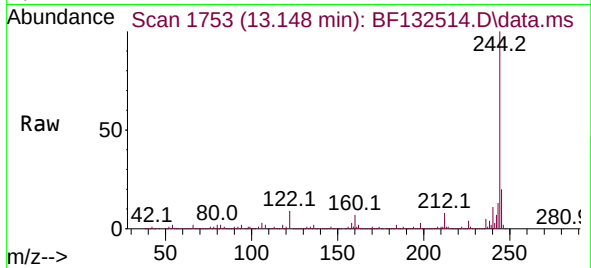
Tgt Ion:202 Resp: 1863371
Ion Ratio Lower Upper
202 100
200 21.2 17.1 25.7
203 18.0 14.6 21.8





#79
 Terphenyl-d14
 Concen: 64.650 ng
 RT: 13.148 min Scan# 1753
 Delta R.T. 0.000 min
 Lab File: BF132514.D
 Acq: 22 Feb 2023 19:44

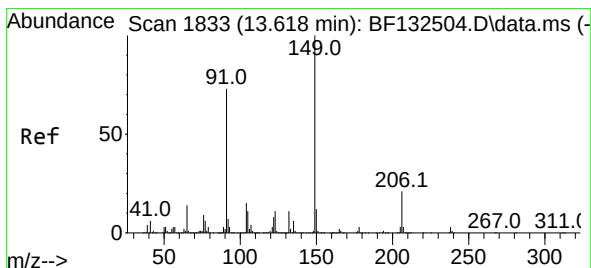
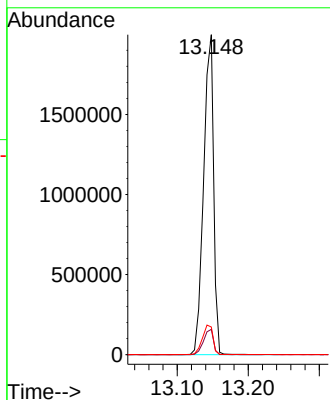
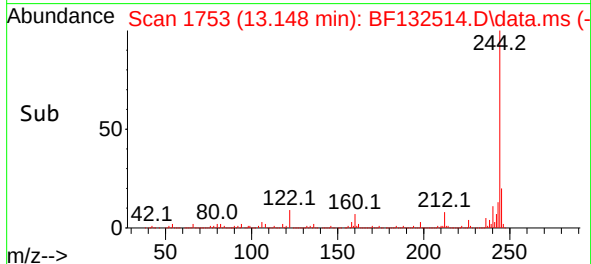
Instrument :
 BNA_F
 ClientSampleId :
 PB150932BS



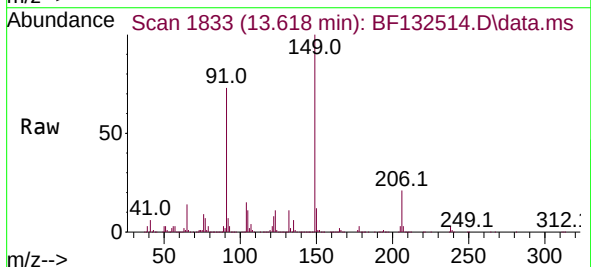
Tgt Ion:244 Resp: 1931546
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.5 9.7
 122 8.6 7.5 11.3

Manual Integrations
 APPROVED

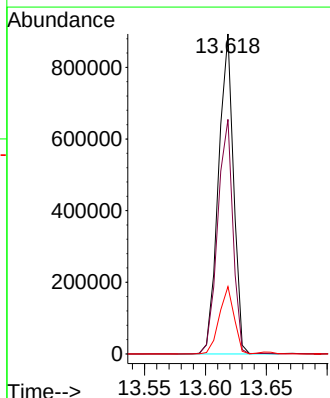
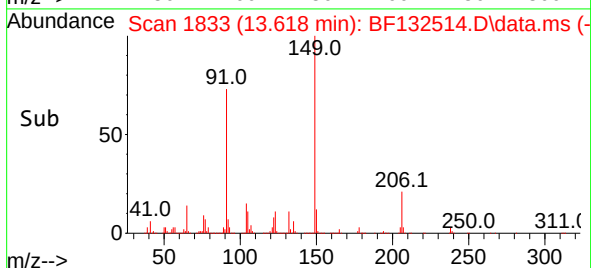
Reviewed By :Christian Giraldo 02/23/2023
 Supervised By :Jagrut Upadhyay 02/23/2023

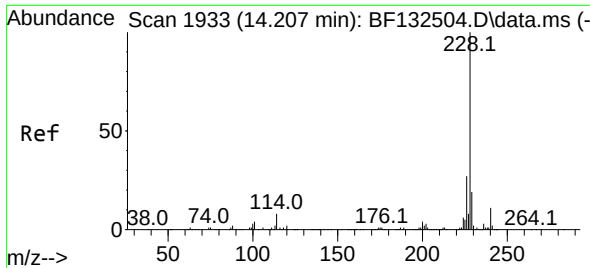


#80
 Butylbenzylphthalate
 Concen: 42.661 ng
 RT: 13.618 min Scan# 1833
 Delta R.T. 0.000 min
 Lab File: BF132514.D
 Acq: 22 Feb 2023 19:44



Tgt Ion:149 Resp: 773159
 Ion Ratio Lower Upper
 149 100
 91 73.3 58.4 87.6
 206 21.0 16.8 25.2





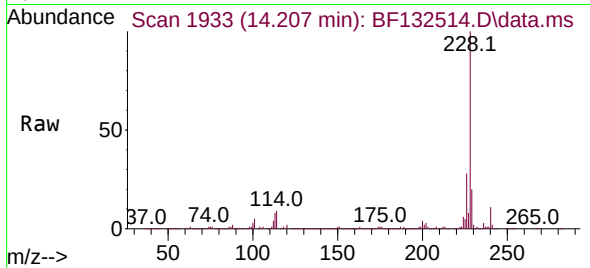
#81
Benzo(a)anthracene
Concen: 41.472 ng
RT: 14.207 min Scan# 1933
Delta R.T. 0.000 min
Lab File: BF132514.D
Acq: 22 Feb 2023 19:44

Instrument :

BNA_F

ClientSampleId :

PB150932BS

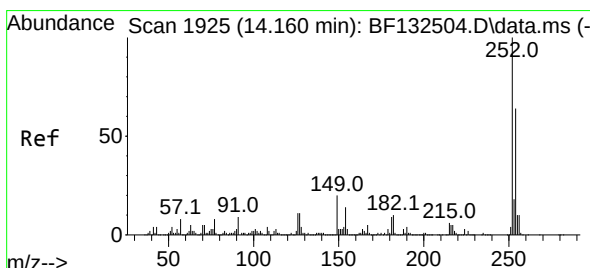
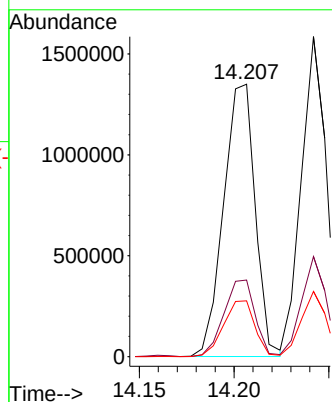
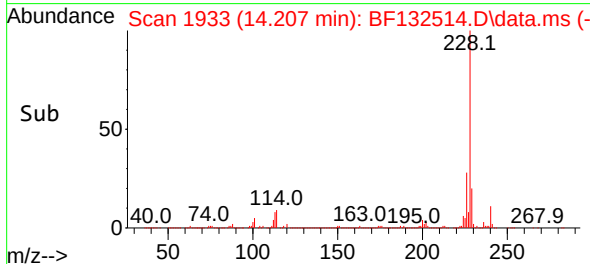


Tgt Ion:228 Resp: 1567485
Ion Ratio Lower Upper
228 100
226 28.1 21.7 32.5
229 20.5 15.4 23.2

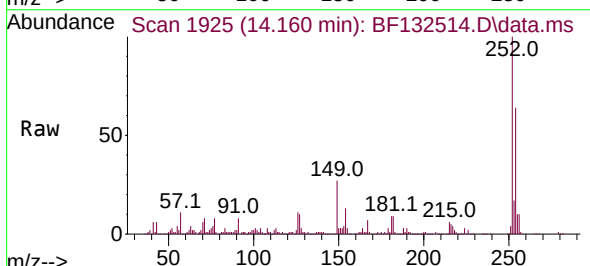
Manual Integrations

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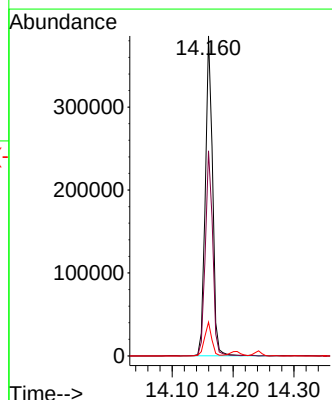
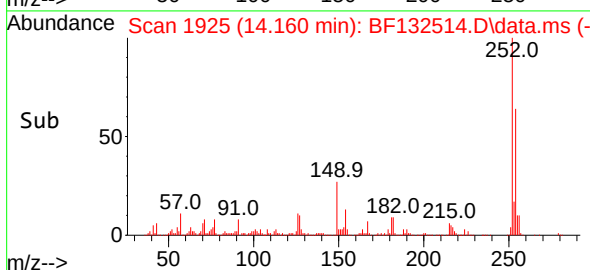
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

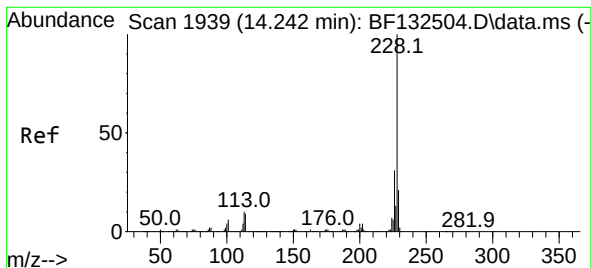


#82
3,3'-Dichlorobenzidine
Concen: 28.373 ng
RT: 14.160 min Scan# 1925
Delta R.T. 0.000 min
Lab File: BF132514.D
Acq: 22 Feb 2023 19:44



Tgt Ion:252 Resp: 316158
Ion Ratio Lower Upper
252 100
254 64.1 51.4 77.2
126 10.5 8.9 13.3





#83

Chrysene

Concen: 40.283 ng

RT: 14.242 min Scan# 1939

Delta R.T. 0.000 min

Lab File: BF132514.D

Acq: 22 Feb 2023 19:44

Instrument :

BNA_F

ClientSampleId :

PB150932BS

Tgt Ion:228 Resp: 1423740

Ion Ratio Lower Upper

228 100

226 31.3 25.0 37.6

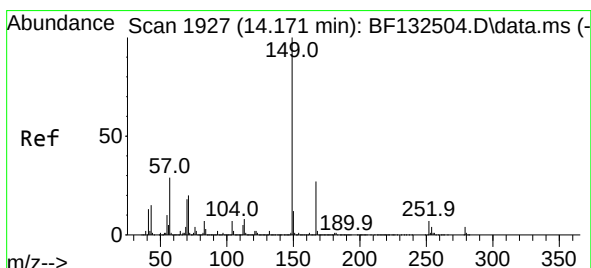
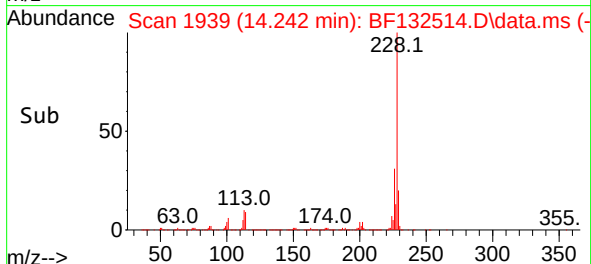
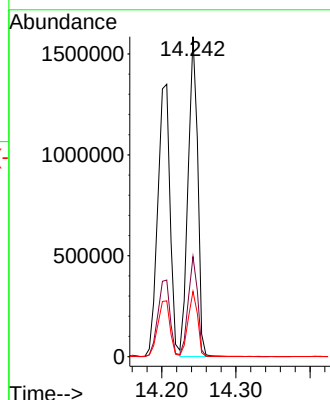
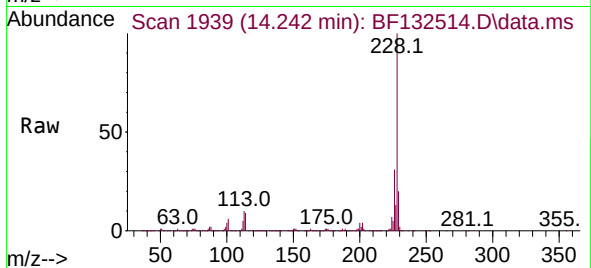
229 20.4 16.4 24.6

Manual Integrations

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Reviewed By :Christian Giraldo 02/23/2023

Supervised By :Jagrut Upadhyay 02/23/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.453 ng

RT: 14.171 min Scan# 1927

Delta R.T. 0.000 min

Lab File: BF132514.D

Acq: 22 Feb 2023 19:44

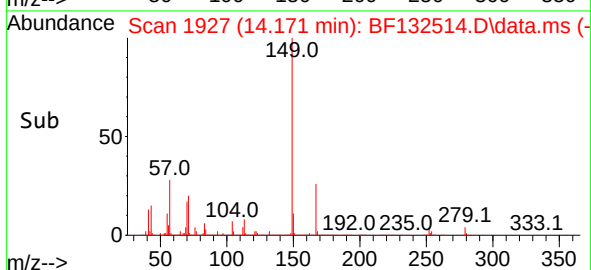
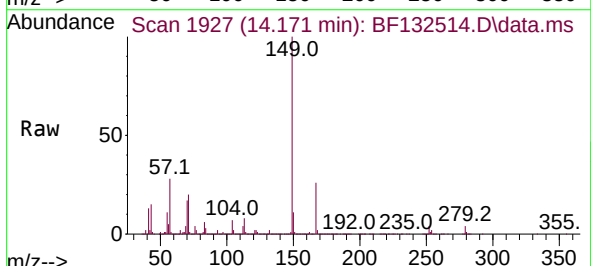
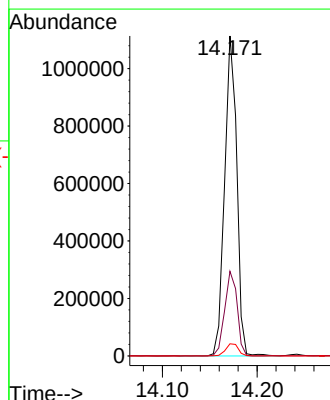
Tgt Ion:149 Resp: 989694

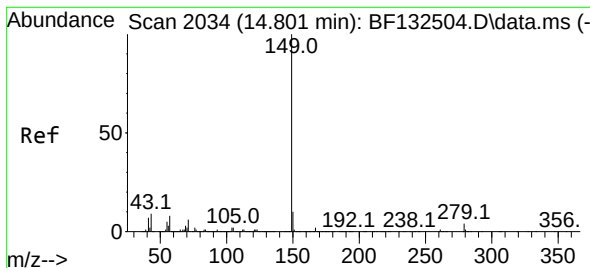
Ion Ratio Lower Upper

149 100

167 26.4 21.8 32.6

279 3.8 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 44.395 ng

RT: 14.801 min Scan# 2034

Delta R.T. 0.000 min

Lab File: BF132514.D

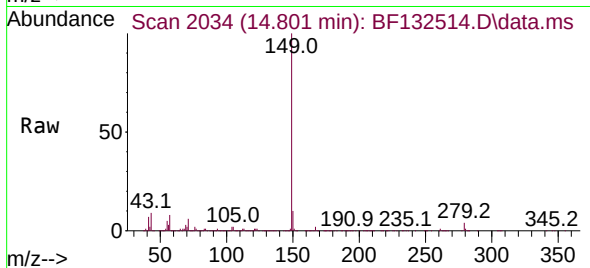
Acq: 22 Feb 2023 19:44

Instrument :

BNA_F

ClientSampleId :

PB150932BS



Tgt Ion:149 Resp: 1444363

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

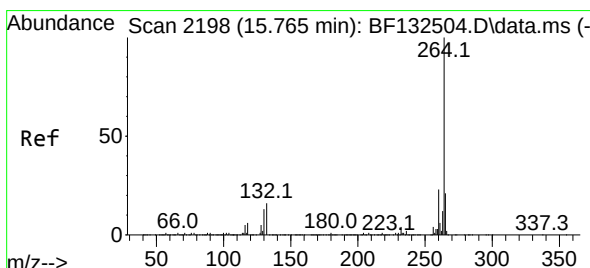
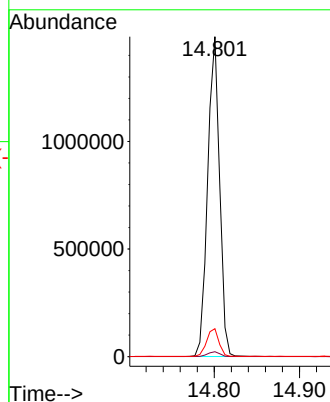
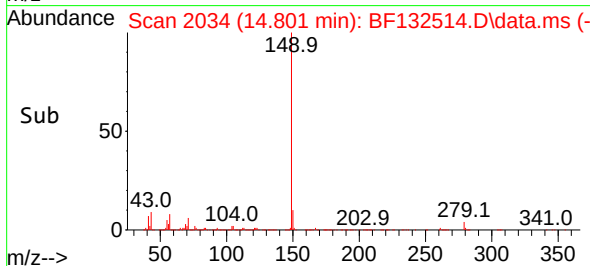
43 8.9 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/23/2023

Supervised By :Jagrut Upadhyay 02/23/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.765 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF132514.D

Acq: 22 Feb 2023 19:44

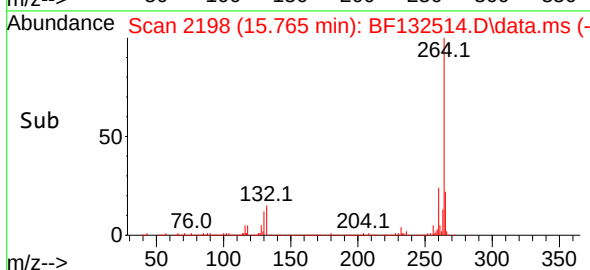
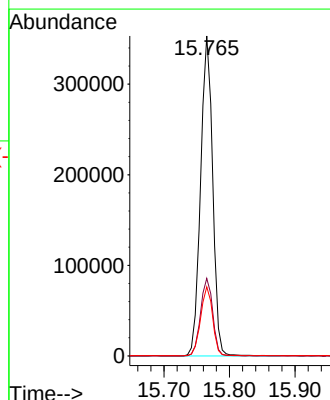
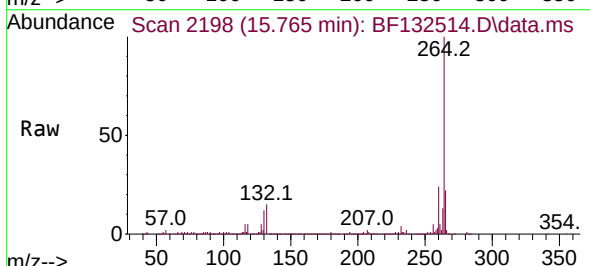
Tgt Ion:264 Resp: 448644

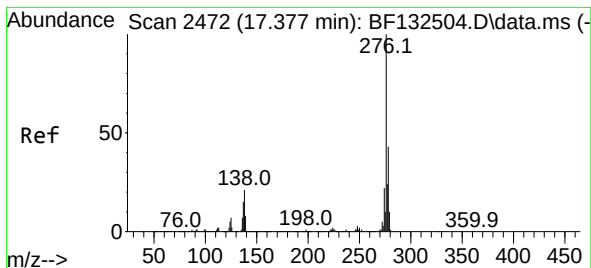
Ion Ratio Lower Upper

264 100

260 24.2 18.8 28.2

265 21.6 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.734 ng

RT: 17.377 min Scan# 2472

Delta R.T. 0.000 min

Lab File: BF132514.D

Acq: 22 Feb 2023 19:44

Instrument :

BNA_F

ClientSampleId :

PB150932BS

Tgt Ion:276 Resp: 131506

Ion Ratio Lower Upper

276 100

138 23.1 19.0 28.4

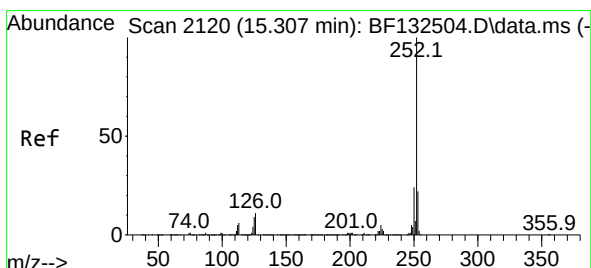
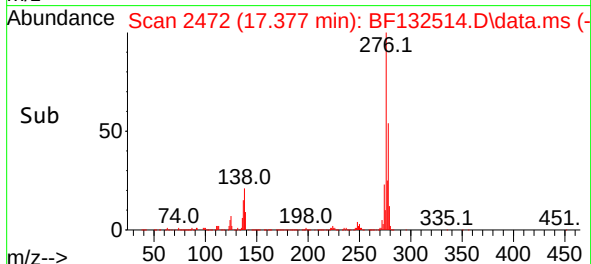
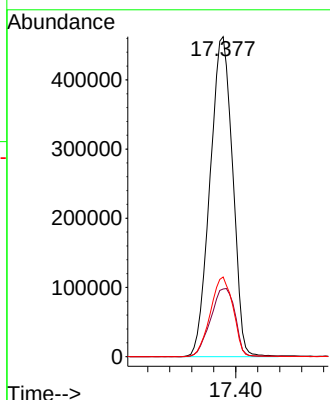
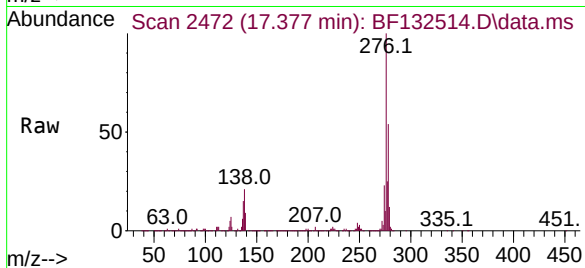
277 25.2 20.0 30.0

Manual Integrations

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Reviewed By :Christian Giraldo 02/23/2023

Supervised By :Jagrut Upadhyay 02/23/2023



#88

Benzo(b)fluoranthene

Concen: 44.008 ng

RT: 15.301 min Scan# 2119

Delta R.T. -0.006 min

Lab File: BF132514.D

Acq: 22 Feb 2023 19:44

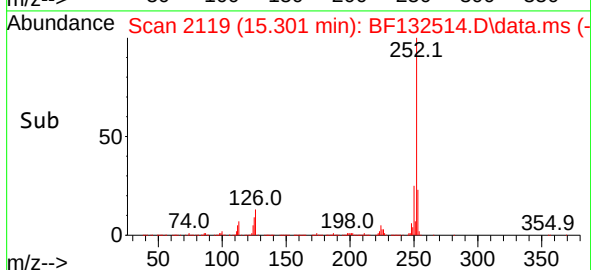
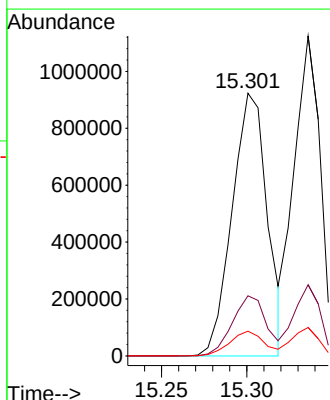
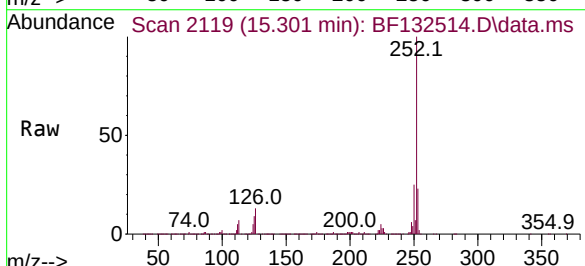
Tgt Ion:252 Resp: 1323148

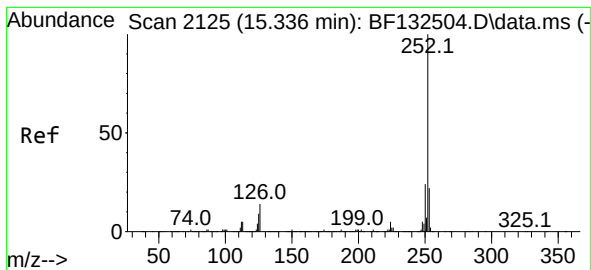
Ion Ratio Lower Upper

252 100

253 22.9 17.4 26.0

125 9.4 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 41.325 ng

RT: 15.336 min Scan# 2125

Delta R.T. 0.000 min

Lab File: BF132514.D

Acq: 22 Feb 2023 19:44

Instrument :

BNA_F

ClientSampleId :

PB150932BS

Tgt Ion:252 Resp: 1215992

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

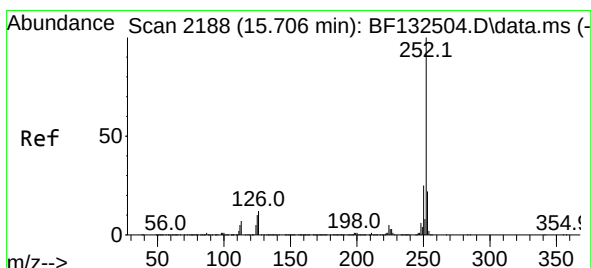
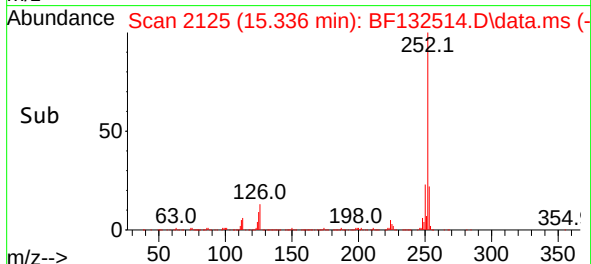
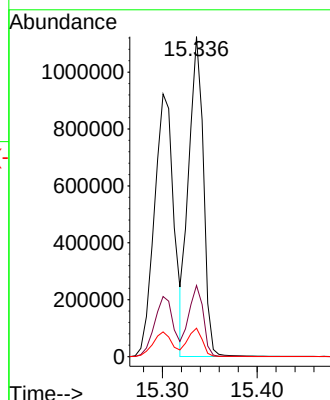
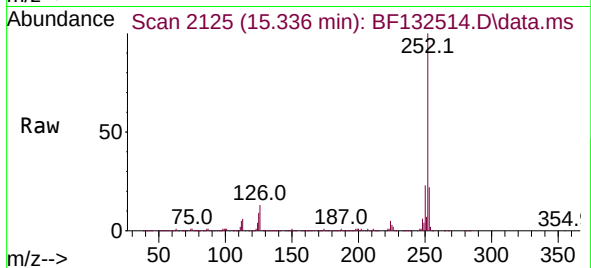
125 8.9 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/23/2023

Supervised By :Jagrut Upadhyay 02/23/2023



#90

Benzo(a)pyrene

Concen: 39.351 ng

RT: 15.701 min Scan# 2187

Delta R.T. -0.006 min

Lab File: BF132514.D

Acq: 22 Feb 2023 19:44

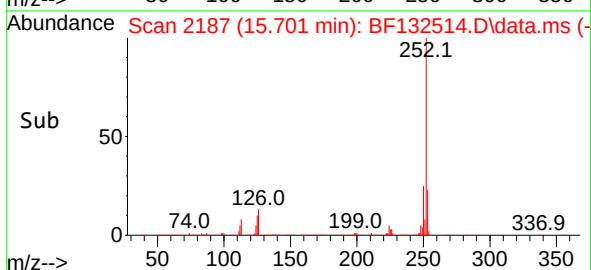
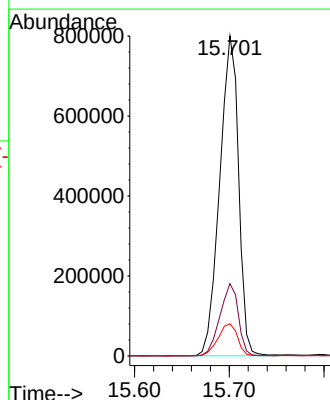
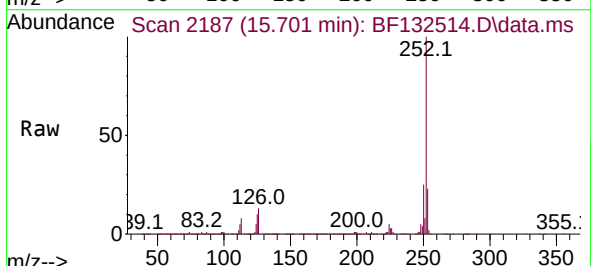
Tgt Ion:252 Resp: 1107296

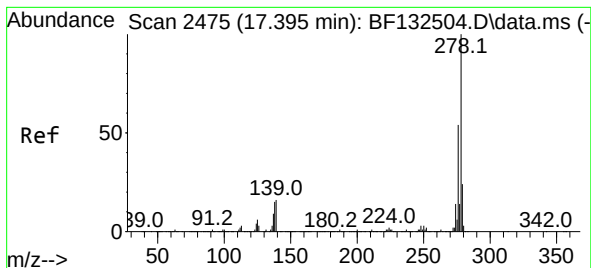
Ion Ratio Lower Upper

252 100

253 22.6 17.2 25.8

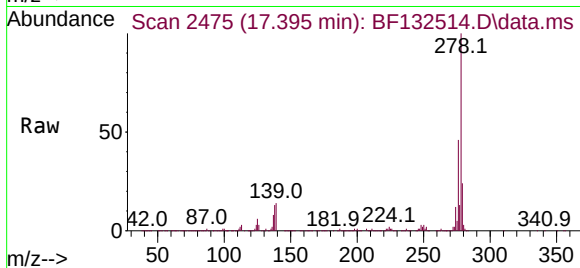
125 10.0 8.0 12.0





#91
Dibenzo(a,h)anthracene
Concen: 44.426 ng
RT: 17.395 min Scan# 2475
Delta R.T. 0.000 min
Lab File: BF132514.D
Acq: 22 Feb 2023 19:44

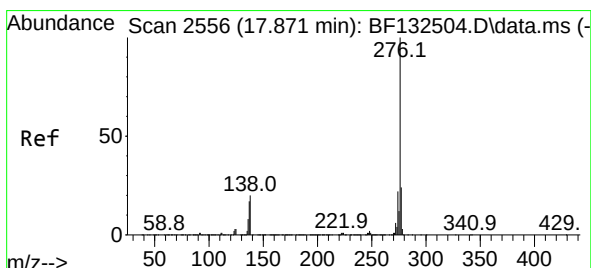
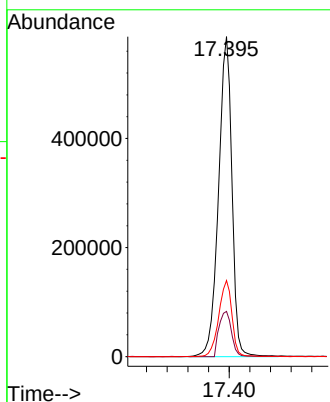
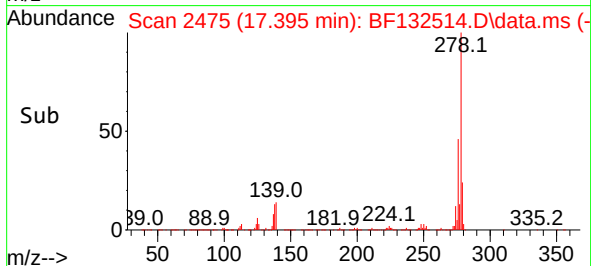
Instrument :
BNA_F
ClientSampleId :
PB150932BS



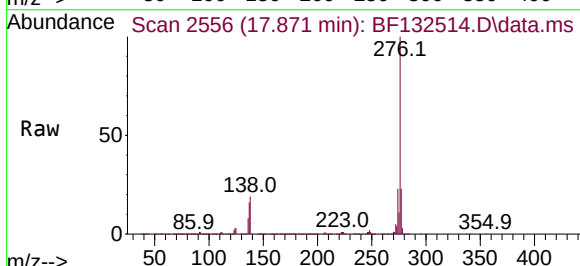
Tgt Ion:278 Resp: 1064094
Ion Ratio Lower Upper
278 100
139 14.1 13.0 19.4
279 23.8 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#92
Benzo(g,h,i)perylene
Concen: 40.885 ng
RT: 17.871 min Scan# 2556
Delta R.T. 0.000 min
Lab File: BF132514.D
Acq: 22 Feb 2023 19:44



Tgt Ion:276 Resp: 1099996
Ion Ratio Lower Upper
276 100
277 23.2 18.9 28.3
138 19.4 16.2 24.4

