

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020223\
 Data File : BF132286.D
 Acq On : 02 Feb 2023 11:42
 Operator : CG\JU
 Sample : PB150609BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150609BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/03/2023
 Supervised By : Jagrut Upadhyay 02/03/2023

Quant Time: Feb 03 00:19:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 02 01:30:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.066	152	219750	20.000	ng	0.00
21) Naphthalene-d8	8.360	136	853197	20.000	ng	0.00
39) Acenaphthene-d10	10.125	164	437715	20.000	ng	0.00
64) Phenanthrene-d10	11.619	188	796906	20.000	ng	0.00
76) Chrysene-d12	14.289	240	375143	20.000	ng	0.00
86) Perylene-d12	15.871	264	340324	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.707	112	1616233	118.222	ng	0.02
7) Phenol-d6	6.690	99	1985987	117.830	ng	0.00
23) Nitrobenzene-d5	7.637	82	1247652	81.374	ng	0.00
42) 2,4,6-Tribromophenol	10.925	330	683467	151.838	ng	0.00
45) 2-Fluorobiphenyl	9.436	172	2195870	77.470	ng	0.00
79) Terphenyl-d14	13.219	244	2310590	119.145	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.119	88	216887	33.716	ng	98
3) Pyridine	3.843	79	573979	32.890	ng	97
4) n-Nitrosodimethylamine	3.807	42	216165	38.711	ng	99
6) Aniline	6.731	93	810325m	35.429	ng	
8) 2-Chlorophenol	6.854	128	666558	47.075	ng	96
9) Benzaldehyde	6.619	77	269751	25.433	ng	99
10) Phenol	6.707	94	732742	42.002	ng	99
11) bis(2-Chloroethyl)ether	6.801	93	631459	43.981	ng	97
12) 1,3-Dichlorobenzene	7.013	146	677966	45.271	ng	98
13) 1,4-Dichlorobenzene	7.090	146	685270	45.842	ng	99
14) 1,2-Dichlorobenzene	7.242	146	667921	47.911	ng	97
15) Benzyl Alcohol	7.207	79	520551	42.327	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.337	45	626371	41.408	ng	96
17) 2-Methylphenol	7.313	107	522991	42.195	ng	99
18) Hexachloroethane	7.584	117	262643	46.835	ng	98
19) n-Nitroso-di-n-propyla...	7.484	70	375451	39.217	ng	97
20) 3+4-Methylphenols	7.466	107	638574	40.366	ng	# 90
22) Acetophenone	7.478	105	825197	41.127	ng	99
24) Nitrobenzene	7.654	77	629030	40.159	ng	99
25) Isophorone	7.890	82	1239644	42.598	ng	98
26) 2-Nitrophenol	7.972	139	363456	47.637	ng	# 91
27) 2,4-Dimethylphenol	7.995	122	606085	45.384	ng	99
28) bis(2-Chloroethoxy)met...	8.095	93	762832	42.656	ng	100
29) 2,4-Dichlorophenol	8.207	162	543916	45.875	ng	98
30) 1,2,4-Trichlorobenzene	8.295	180	585808	46.139	ng	99
31) Naphthalene	8.384	128	1741969	41.478	ng	99
32) Benzoic acid	8.125	122	464889	47.029	ng	96
33) 4-Chloroaniline	8.419	127	334979	17.987	ng	99
34) Hexachlorobutadiene	8.489	225	340100	47.648	ng	99
35) Caprolactam	8.807	113	186603m	46.166	ng	
36) 4-Chloro-3-methylphenol	8.901	107	576362	45.122	ng	94
37) 2-Methylnaphthalene	9.072	142	1176662	41.363	ng	100
38) 1-Methylnaphthalene	9.172	142	1092775	41.336	ng	100
40) 1,2,4,5-Tetrachloroben...	9.242	216	533940	43.347	ng	99
41) Hexachlorocyclopentadiene	9.225	237	723554	100.681	ng	100
43) 2,4,6-Trichlorophenol	9.348	196	402336	45.694	ng	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.389	196	433831	42.807	ng	99
46) 1,1'-Biphenyl	9.536	154	1415483	41.946	ng	98
47) 2-Chloronaphthalene	9.566	162	1106482	43.050	ng	98
48) 2-Nitroaniline	9.660	65	299893	39.233	ng	87
49) Acenaphthylene	9.989	152	1749444	41.706	ng	99
50) Dimethylphthalate	9.836	163	1353926	44.219	ng	98
51) 2,6-Dinitrotoluene	9.901	165	311497	45.552	ng	92
52) Acenaphthene	10.160	154	1247948	47.520	ng	100
53) 3-Nitroaniline	10.072	138	239899	28.929	ng	99
54) 2,4-Dinitrophenol	10.183	184	362913	90.929	ng	# 87
55) Dibenzofuran	10.331	168	1549541	41.995	ng	98
56) 4-Nitrophenol	10.225	139	535978	85.889	ng	89
57) 2,4-Dinitrotoluene	10.313	165	418829	47.150	ng	# 85
58) Fluorene	10.678	166	1179427	41.533	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.442	232	348395	47.155	ng	99
60) Diethylphthalate	10.542	149	1363849	44.776	ng	98
61) 4-Chlorophenyl-phenyle...	10.666	204	582180	43.199	ng	99
62) 4-Nitroaniline	10.695	138	327327	41.161	ng	96
63) Azobenzene	10.825	77	1181909	39.836	ng	96
65) 4,6-Dinitro-2-methylph...	10.719	198	225054	49.759	ng	96
66) n-Nitrosodiphenylamine	10.783	169	1067738	42.789	ng	100
67) 4-Bromophenyl-phenylether	11.160	248	380487	46.627	ng	99
68) Hexachlorobenzene	11.225	284	433203	49.668	ng	99
69) Atrazine	11.307	200	375425	52.305	ng	97
70) Pentachlorophenol	11.419	266	481967	80.424	ng	99
71) Phenanthrene	11.648	178	1734765	41.658	ng	99
72) Anthracene	11.701	178	1752059	41.342	ng	99
73) Carbazole	11.854	167	1542513	40.593	ng	100
74) Di-n-butylphthalate	12.172	149	2020344	44.972	ng	99
75) Fluoranthene	12.848	202	1668838	39.271	ng	98
77) Benzidine	12.960	184	502375	38.304	ng	99
78) Pyrene	13.077	202	1650508	54.701	ng	99
80) Butylbenzylphthalate	13.683	149	724309	54.333	ng	96
81) Benzo(a)anthracene	14.277	228	1178805	44.927	ng	99
82) 3,3'-Dichlorobenzidine	14.230	252	230715	27.608	ng	98
83) Chrysene	14.313	228	1074603	43.739	ng	99
84) Bis(2-ethylhexyl)phtha...	14.242	149	929687	51.595	ng	99
85) Di-n-octyl phthalate	14.877	149	1355101	46.108	ng	98
87) Indeno(1,2,3-cd)pyrene	17.530	276	1210314	53.522	ng	97
88) Benzo(b)fluoranthene	15.395	252	1072115	49.560	ng	98
89) Benzo(k)fluoranthene	15.430	252	940161	45.531	ng	99
90) Benzo(a)pyrene	15.807	252	898585	44.608	ng	99
91) Dibenzo(a,h)anthracene	17.548	278	996006	54.783	ng	100
92) Benzo(g,h,i)perylene	18.036	276	1006450	53.584	ng	98

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

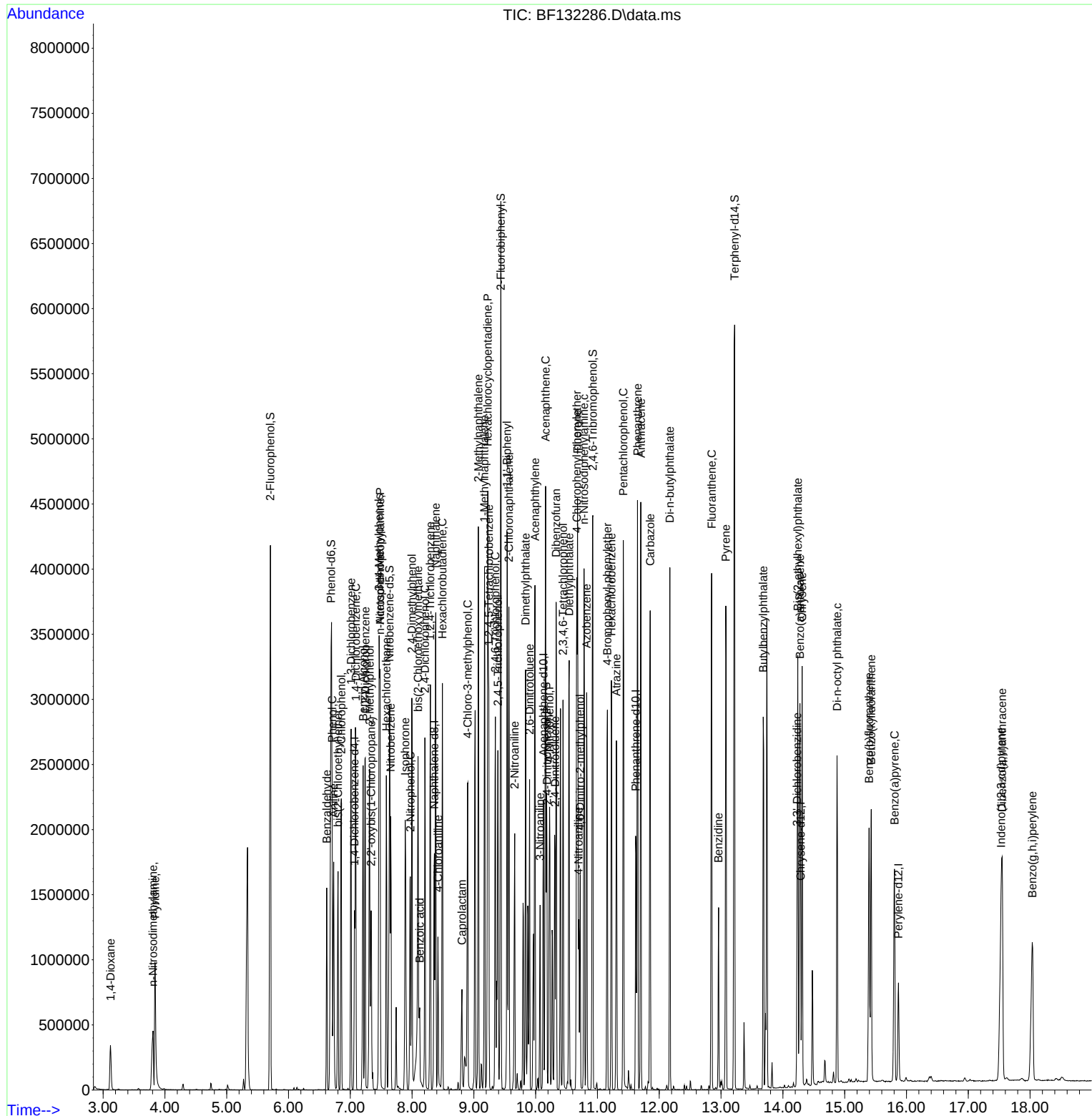
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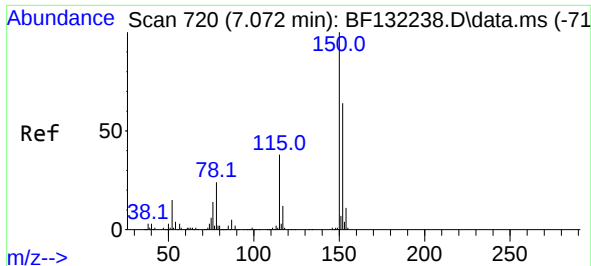
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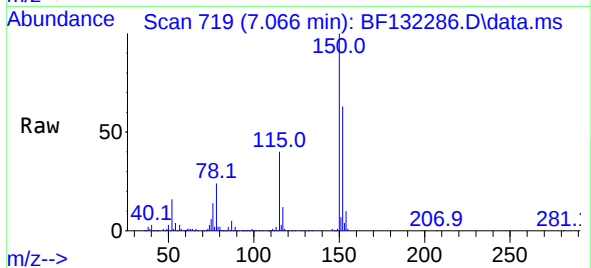
Reviewed By : Christian Giraldo 02/03/2023
Supervised By : Jagrut Upadhyay 02/03/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.066 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42

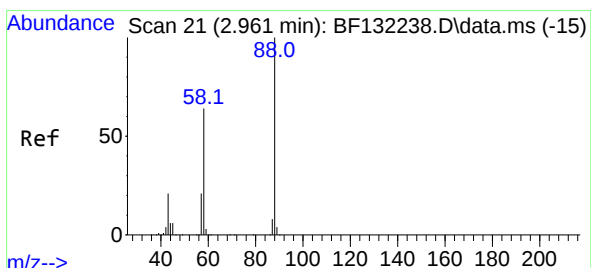
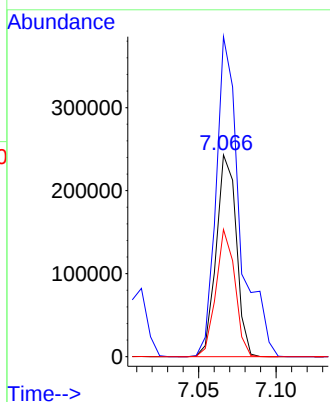
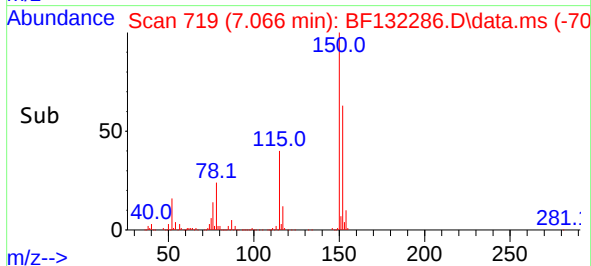
Instrument :
BNA_F
ClientSampleId :
PB150609BS



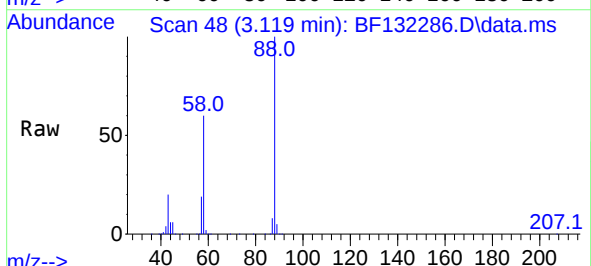
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Ion Ratio Lower Upper
152 100
150 158.6 124.2 186.2
115 63.0 47.3 70.9

Manual Integrations
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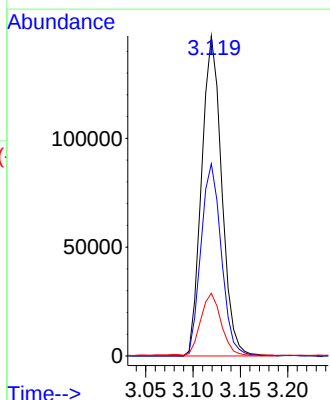
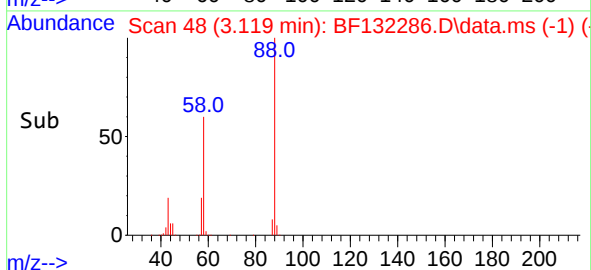
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Supervised By :Jagrut Upadhyay 02/03/2023

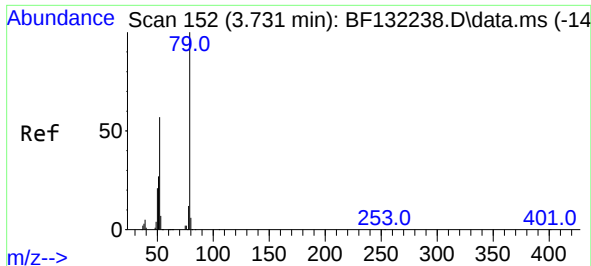


#2
1,4-Dioxane
Concen: 33.716 ng
RT: 3.119 min Scan# 48
Delta R.T. 0.159 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42



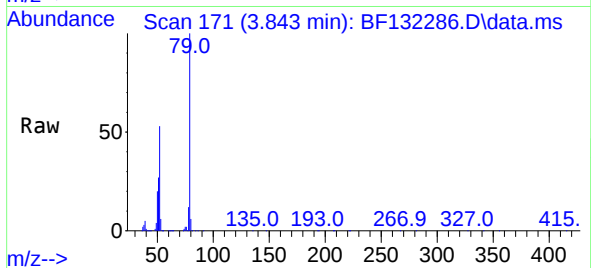
Tgt Ion: 88 Resp: 216887
Ion Ratio Lower Upper
88 100
58 60.8 50.2 75.2
43 20.0 16.9 25.3





#3
Pyridine
Concen: 32.890 ng
RT: 3.843 min Scan# 11
Delta R.T. 0.112 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42

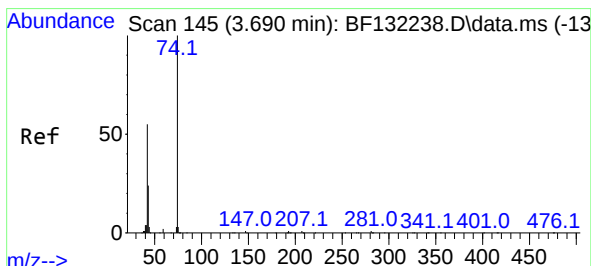
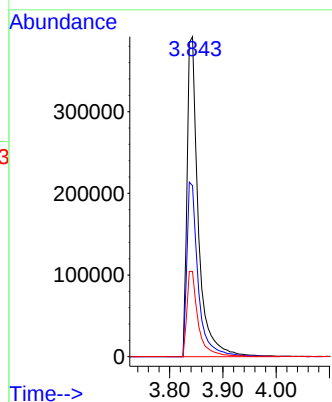
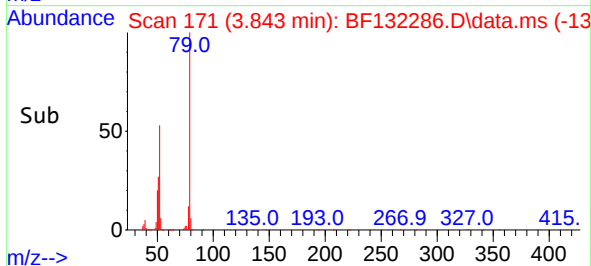
Instrument :
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PB150609BS



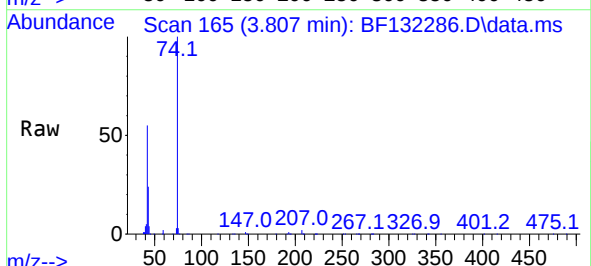
Tgt Ion: 79 Resp: 573979
Ion Ratio Lower Upper
79 100
52 53.5 45.6 68.4
51 26.6 21.5 32.3

Manual Integrations
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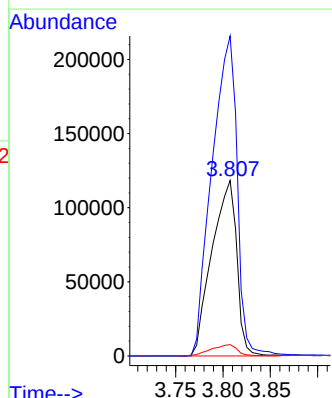
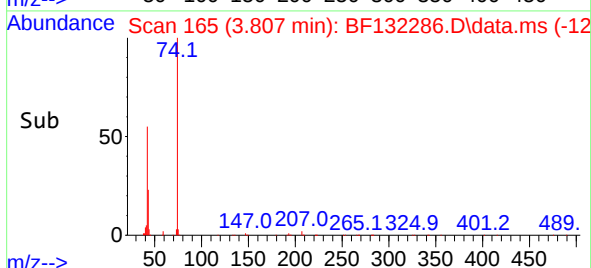
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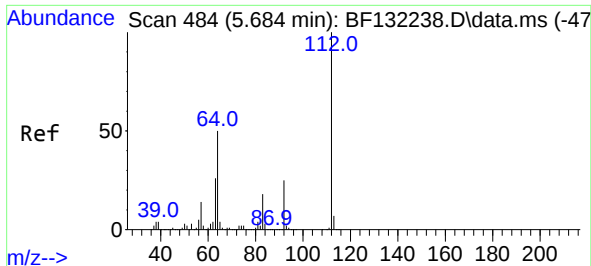


#4
n-Nitrosodimethylamine
Concen: 38.711 ng
RT: 3.807 min Scan# 165
Delta R.T. 0.118 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42



Tgt Ion: 42 Resp: 216165
Ion Ratio Lower Upper
42 100
74 182.4 144.6 217.0
44 6.5 5.1 7.7





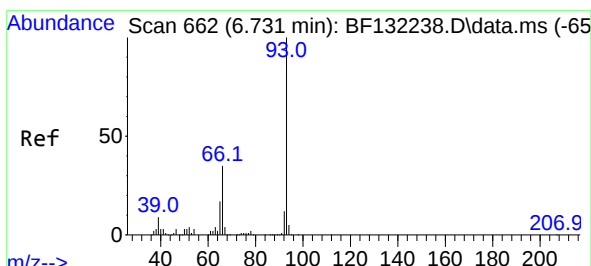
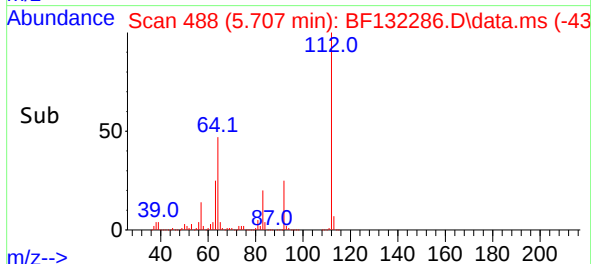
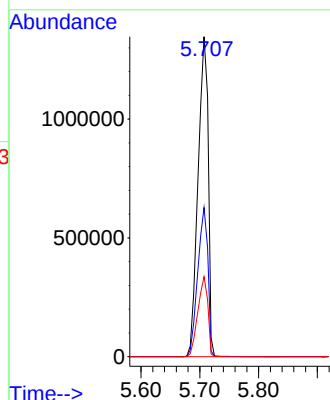
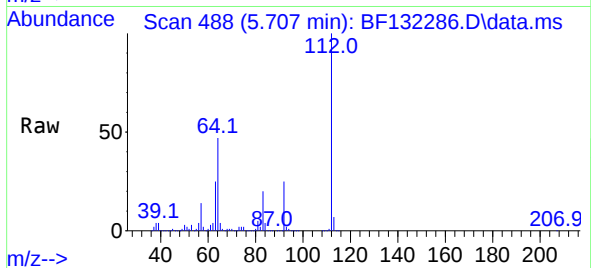
#5
2-Fluorophenol
Concen: 118.222 ng
RT: 5.707 min Scan# 484
Delta R.T. 0.023 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42

Instrument :
BNA_F
ClientSampleId :
PB150609BS

Tgt Ion:112 Resp: 161623
Ion Ratio Lower Upper
112 100
64 46.6 40.0 60.0
63 25.0 20.5 30.7

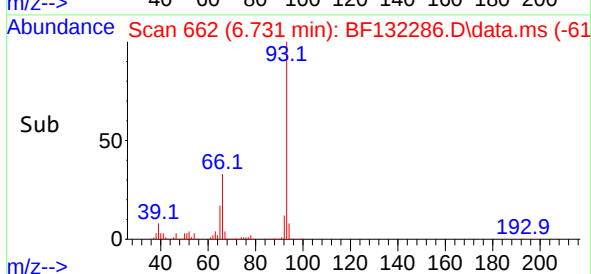
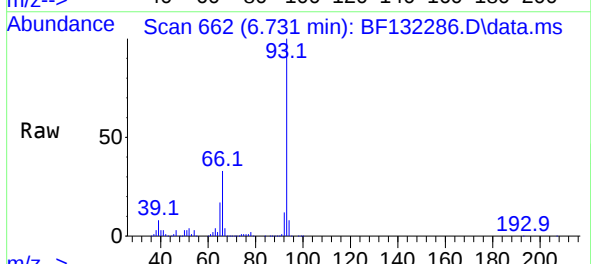
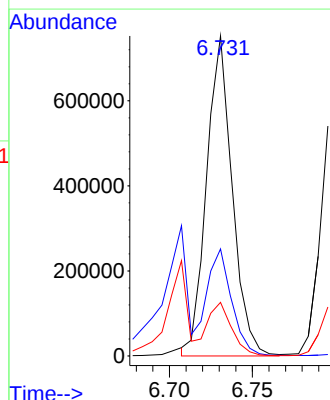
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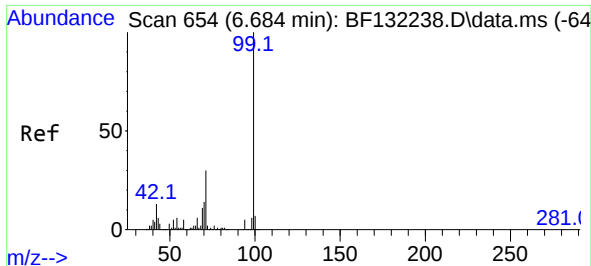
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#6
Aniline
Concen: 35.429 ng m
RT: 6.731 min Scan# 662
Delta R.T. -0.000 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42

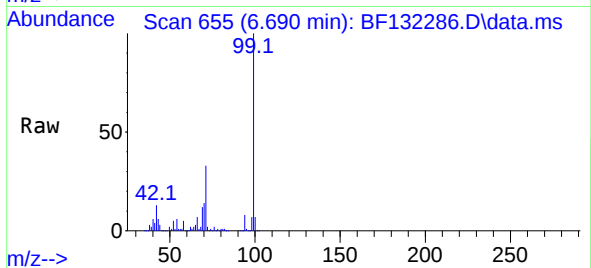
Tgt Ion: 93 Resp: 810325
Ion Ratio Lower Upper
93 100
66 33.5 28.8 43.2
65 16.8 14.2 21.4





#7
Phenol-d6
Concen: 117.830 ng
RT: 6.690 min Scan# 655
Delta R.T. 0.006 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42

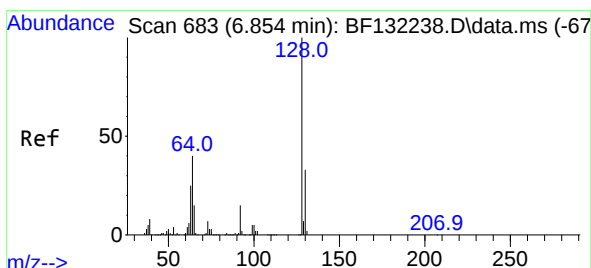
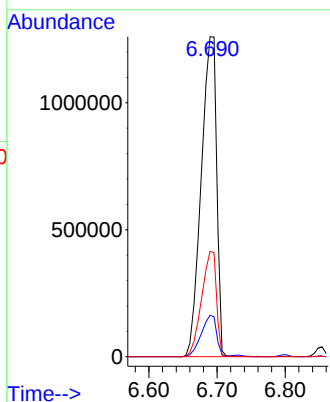
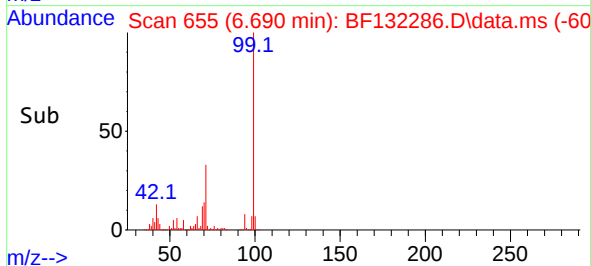
Instrument :
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Tgt Ion: 99 Resp: 198598
Ion Ratio Lower Upper
99 100
42 12.9 10.1 15.1
71 32.9 24.2 36.4

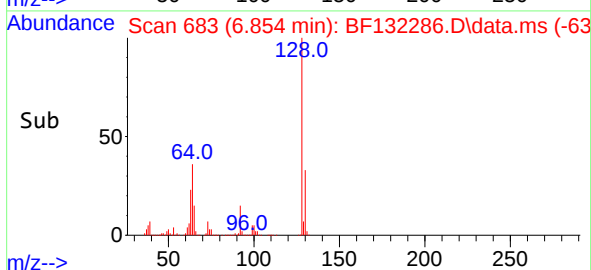
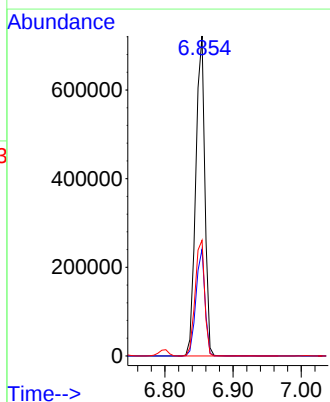
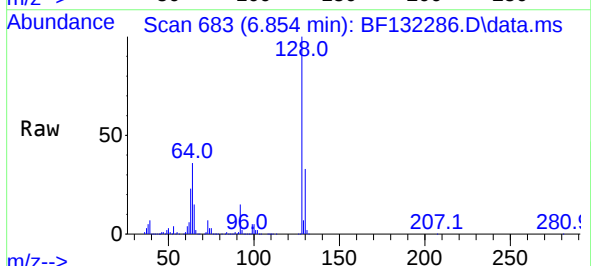
Manual Integrations
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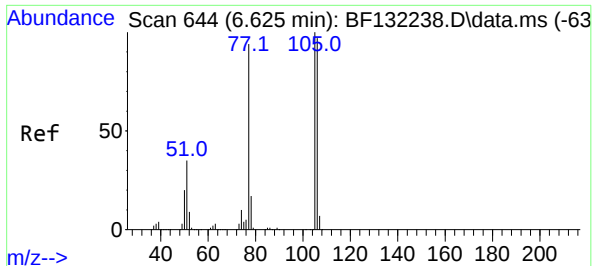
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#8
2-Chlorophenol
Concen: 47.075 ng
RT: 6.854 min Scan# 683
Delta R.T. -0.000 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42

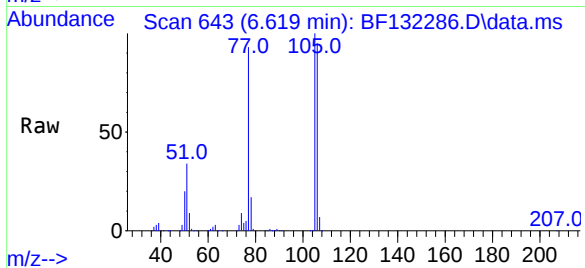
Tgt Ion:128 Resp: 666558
Ion Ratio Lower Upper
128 100
130 33.4 13.3 53.3
64 36.1 20.1 60.1





#9
Benzaldehyde
Concen: 25.433 ng
RT: 6.619 min Scan# 643
Delta R.T. -0.006 min
Lab File: BF132286.D
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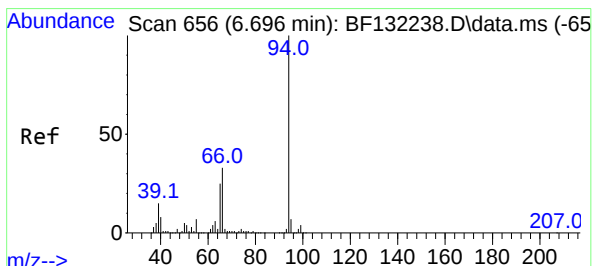
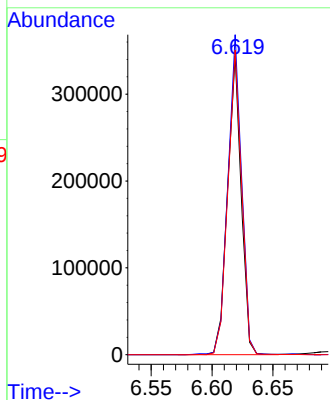
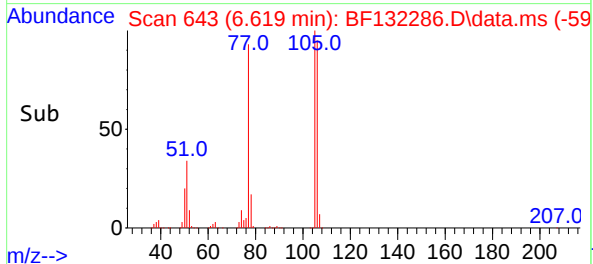
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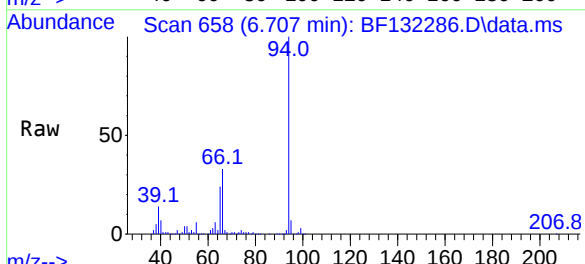
Tgt Ion: 77 Resp: 26975
Ion Ratio Lower Upper
77 100
105 107.1 86.8 126.8
106 101.9 83.8 123.8

Manual Integrations
APPROVED

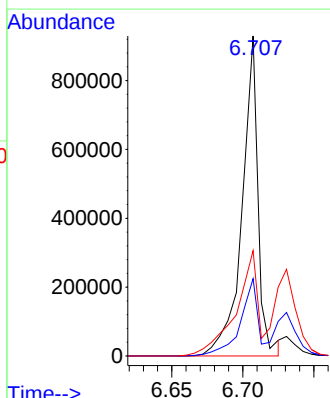
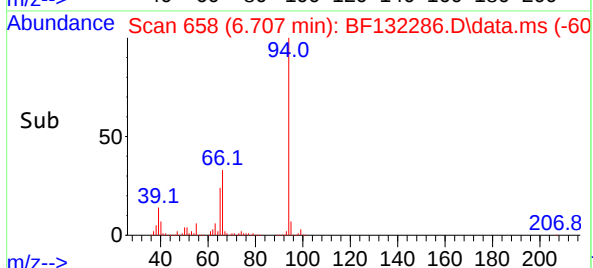
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

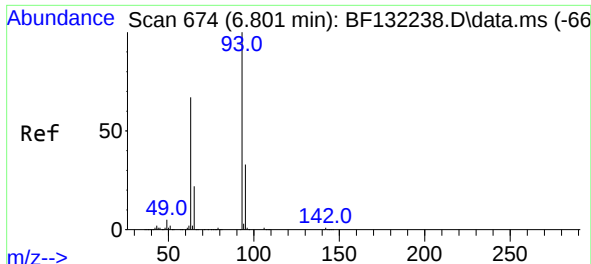


#10
Phenol
Concen: 42.002 ng
RT: 6.707 min Scan# 658
Delta R.T. 0.012 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42



Tgt Ion: 94 Resp: 732742
Ion Ratio Lower Upper
94 100
65 24.1 5.1 45.1
66 32.9 13.0 53.0





#11
bis(2-Chloroethyl)ether
Concen: 43.981 ng
RT: 6.801 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42

Instrument :

BNA_F

ClientSampleId :

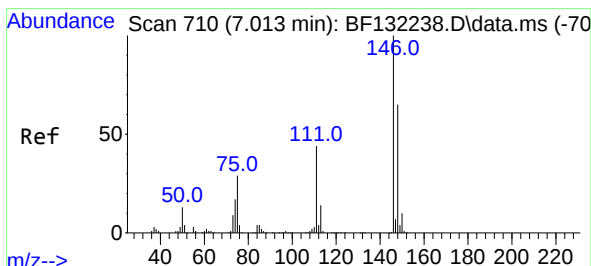
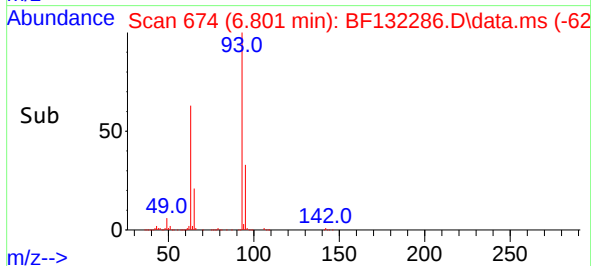
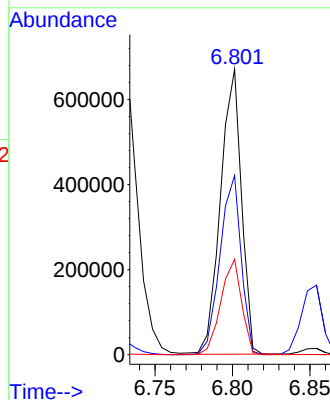
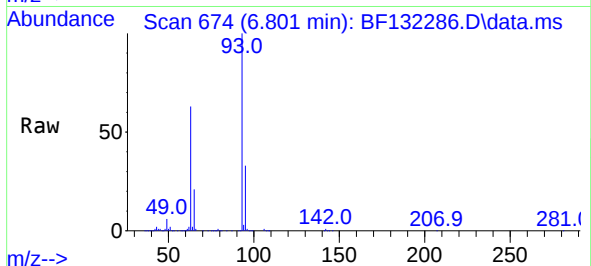
PB150609BS

Tgt Ion: 93 Resp: 631459
Ion Ratio Lower Upper
93 100
63 62.8 46.7 86.7
95 33.4 13.4 53.4

Manual Integrations

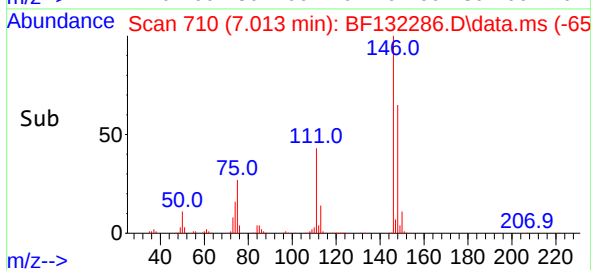
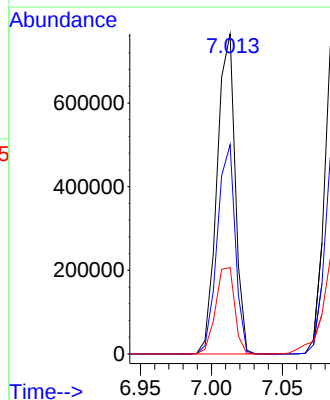
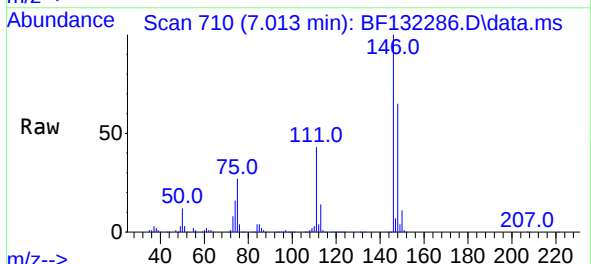
APPROVED

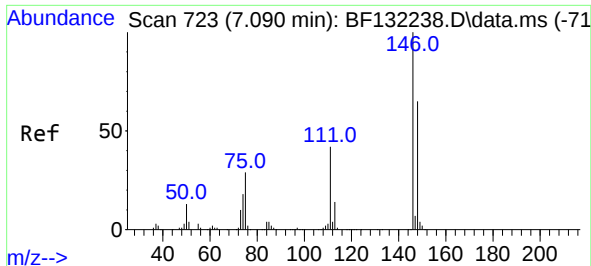
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#12
1,3-Dichlorobenzene
Concen: 45.271 ng
RT: 7.013 min Scan# 710
Delta R.T. -0.000 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42

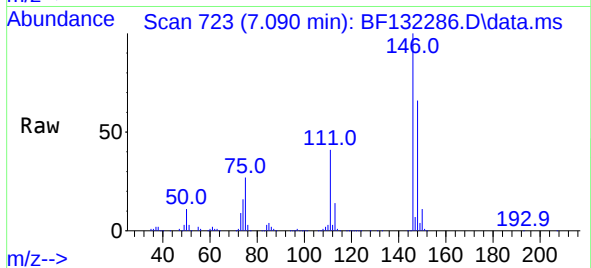
Tgt Ion:146 Resp: 677966
Ion Ratio Lower Upper
146 100
148 65.4 51.8 77.8
75 27.0 23.5 35.3





#13
1,4-Dichlorobenzene
Concen: 45.842 ng
RT: 7.090 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42

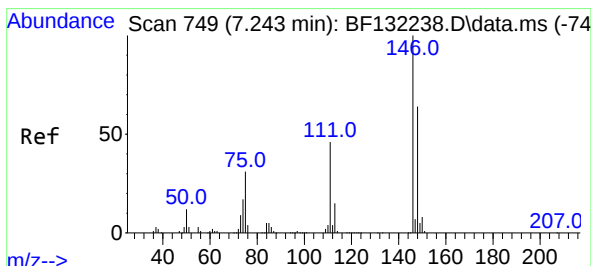
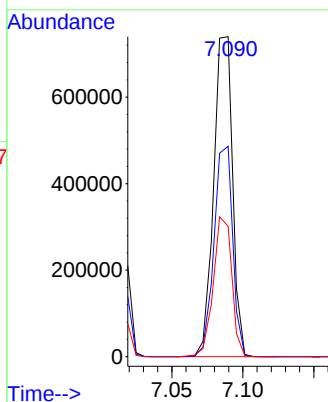
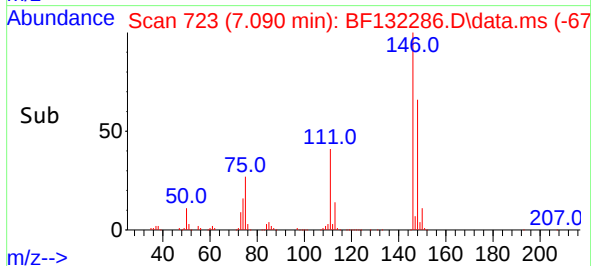
Instrument :
BNA_F
ClientSampleId :
PB150609BS



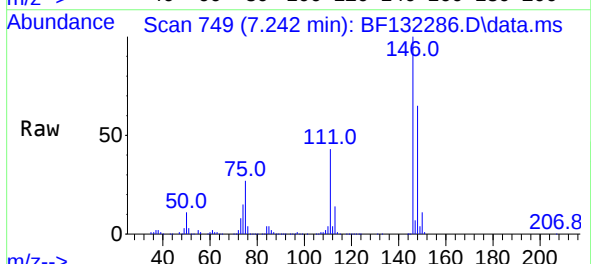
Tgt Ion:146 Resp: 685270
Ion Ratio Lower Upper
146 100
148 65.8 52.4 78.6
111 40.8 34.0 51.0

Manual Integrations
APPROVED

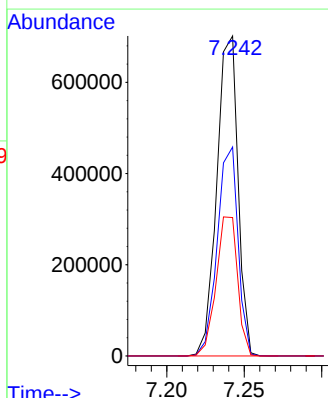
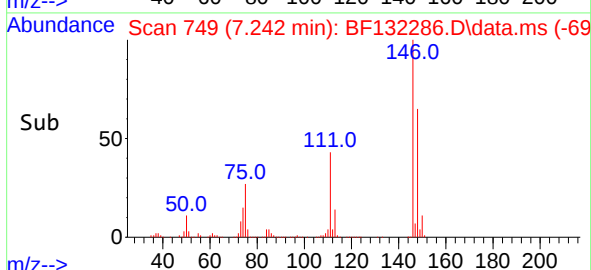
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

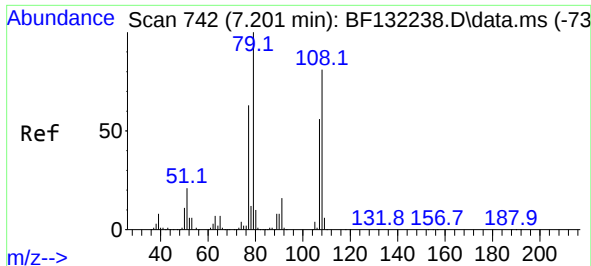


#14
1,2-Dichlorobenzene
Concen: 47.911 ng
RT: 7.242 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42



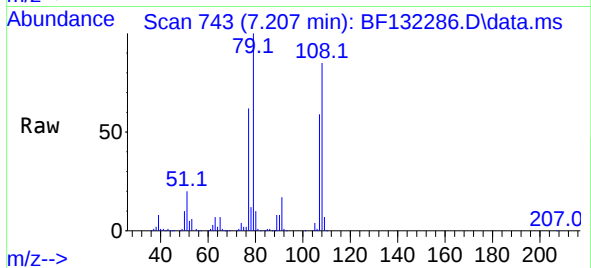
Tgt Ion:146 Resp: 667921
Ion Ratio Lower Upper
146 100
148 65.3 51.4 77.0
111 43.2 37.1 55.7





#15
Benzyl Alcohol
Concen: 42.327 ng
RT: 7.207 min Scan# 742
Delta R.T. 0.006 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42

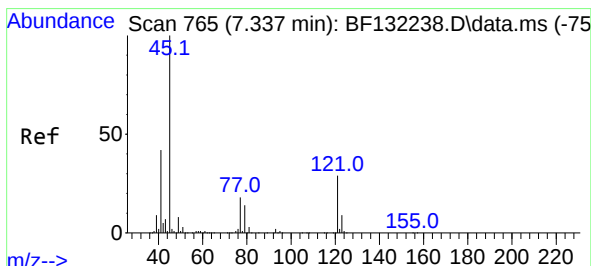
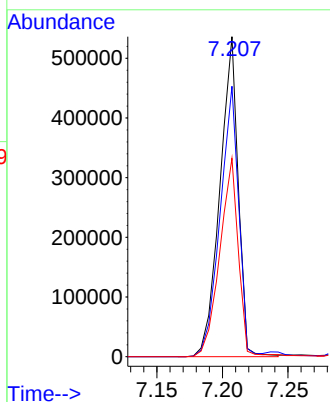
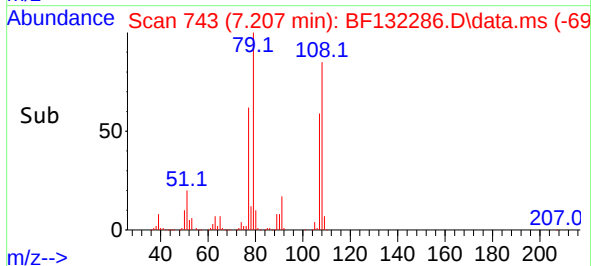
Instrument :
BNA_F
ClientSampleId :
PB150609BS



Tgt Ion: 79 Resp: 52055
Ion Ratio Lower Upper
79 100
108 84.5 64.6 97.0
77 62.0 50.1 75.1

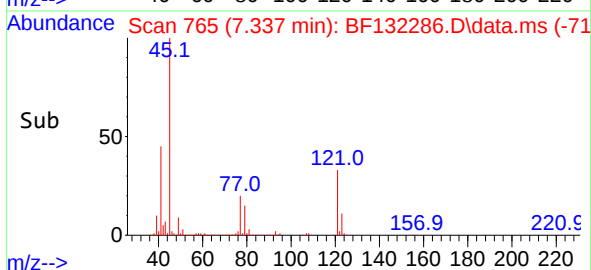
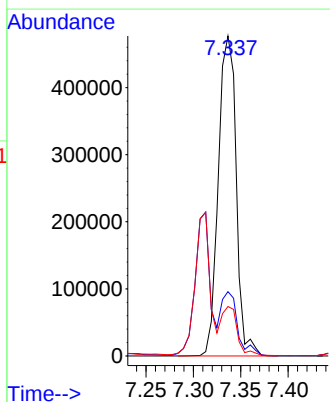
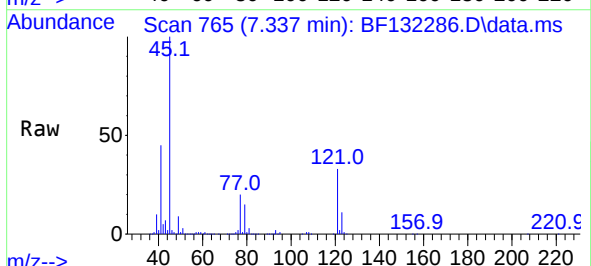
Manual Integrations
APPROVED

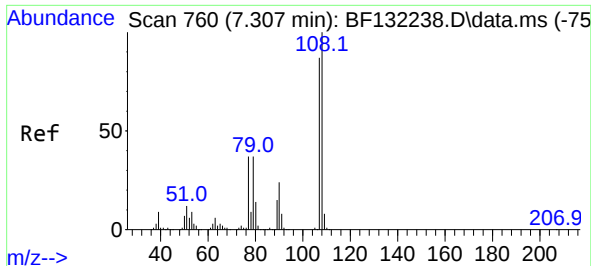
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.408 ng
RT: 7.337 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42

Tgt Ion: 45 Resp: 626371
Ion Ratio Lower Upper
45 100
77 20.1 0.0 38.0
79 15.4 0.0 33.8





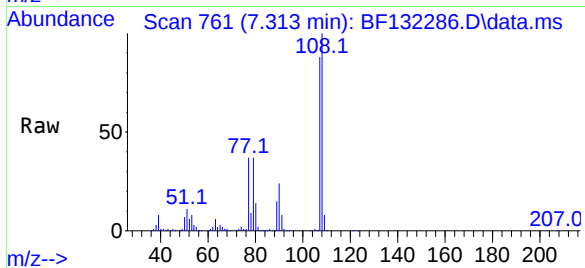
#17
2-Methylphenol
Concen: 42.195 ng
RT: 7.313 min Scan# 70
Delta R.T. 0.006 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42

Instrument :

BNA_F

ClientSampleId :

PB150609BS

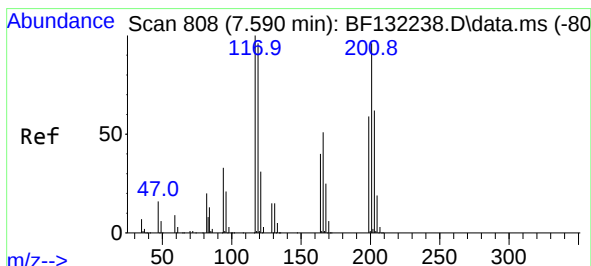
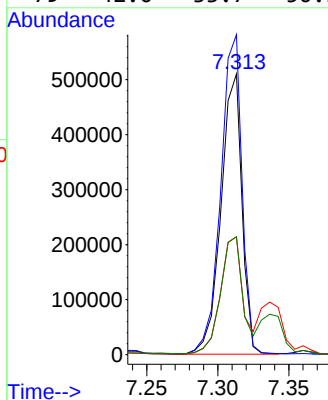
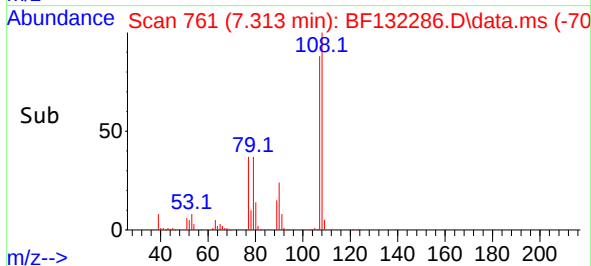


Tgt Ion:107 Resp: 52299
Ion Ratio Lower Upper
107 100
108 114.0 91.8 137.6
77 42.0 34.2 51.2
79 42.0 33.7 50.5

Manual Integrations

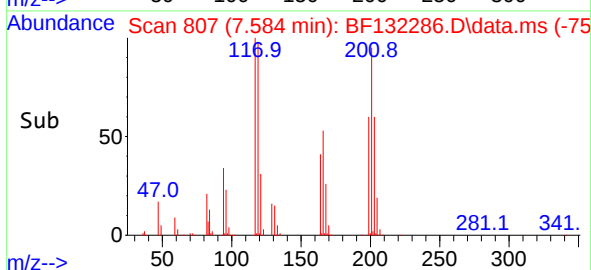
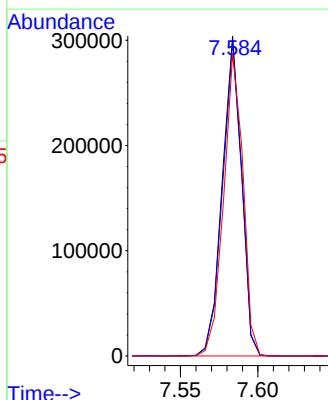
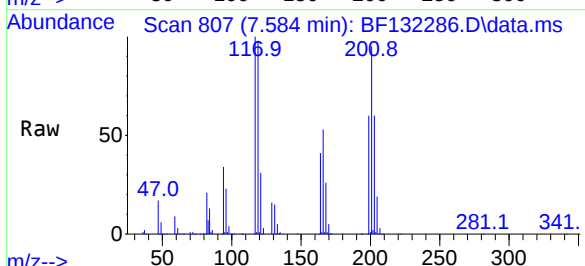
APPROVED

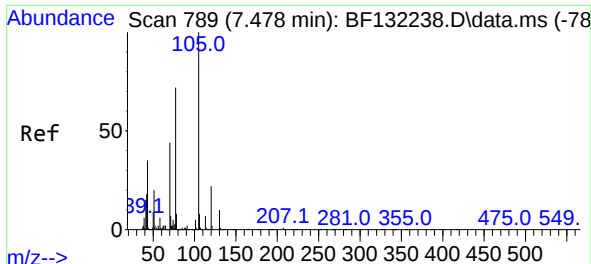
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#18
Hexachloroethane
Concen: 46.835 ng
RT: 7.584 min Scan# 807
Delta R.T. -0.006 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42

Tgt Ion:117 Resp: 262643
Ion Ratio Lower Upper
117 100
119 98.4 76.7 115.1
201 94.5 76.6 114.8





#19
n-Nitroso-di-n-propylamine
Concen: 39.217 ng
RT: 7.484 min Scan# 790
Delta R.T. 0.006 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42

Instrument :

BNA_F

ClientSampleId :

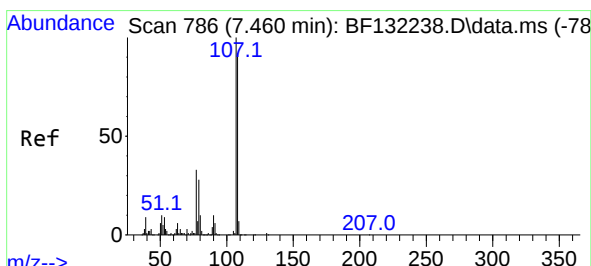
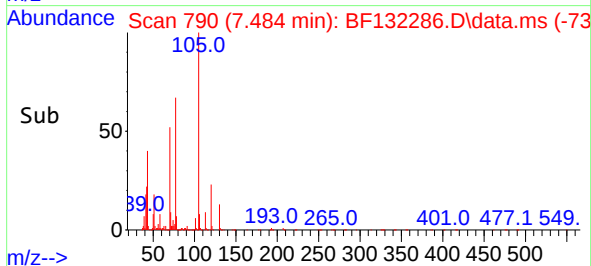
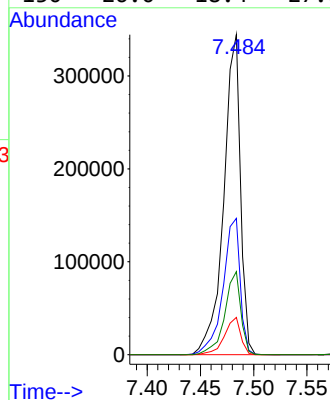
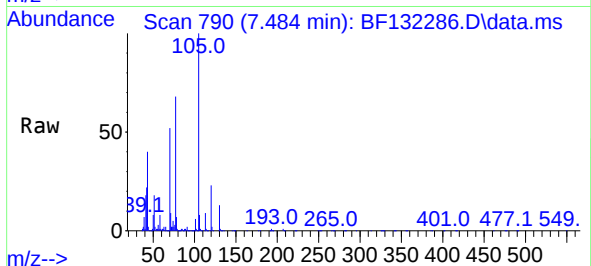
PB150609BS

Tgt Ion: 70 Resp: 37545
Ion Ratio Lower Upper
70 100
42 42.6 33.4 50.0
101 11.6 8.2 12.4
130 26.0 18.4 27.6

Manual Integrations

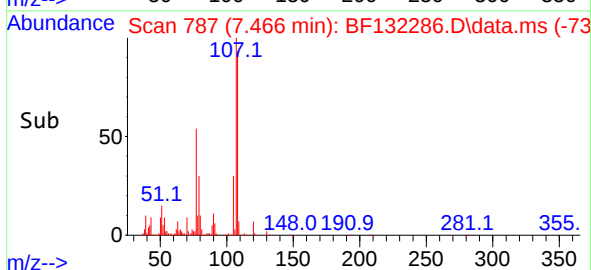
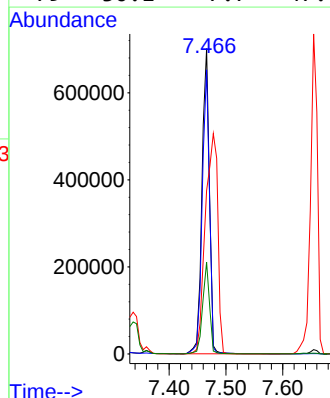
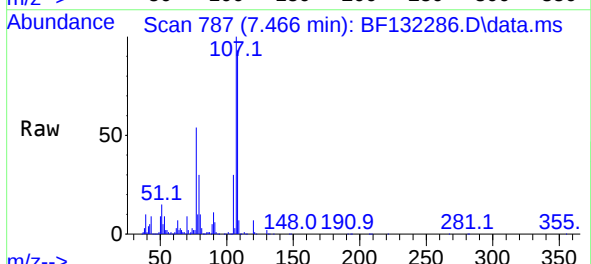
APPROVED

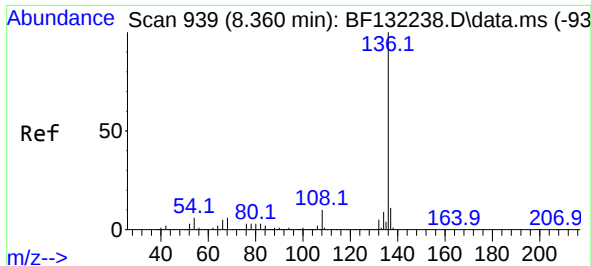
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#20
3+4-Methylphenols
Concen: 40.366 ng
RT: 7.466 min Scan# 787
Delta R.T. 0.006 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42

Tgt Ion:107 Resp: 638574
Ion Ratio Lower Upper
107 100
108 93.1 71.6 111.6
77 53.5 13.4 53.4#
79 30.1 7.7 47.7





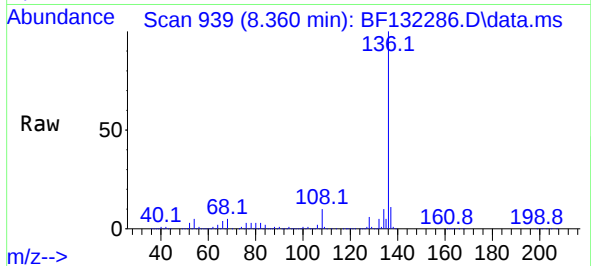
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.360 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42

Instrument :

BNA_F

ClientSampleId :

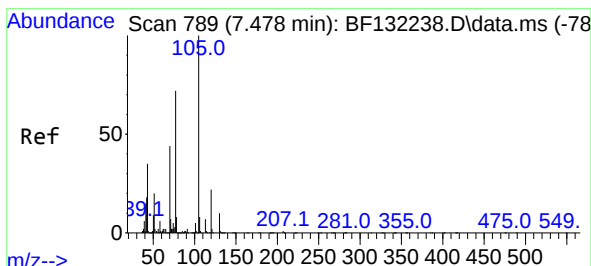
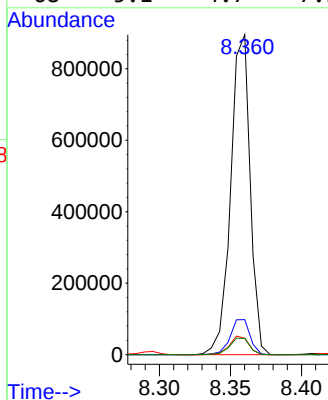
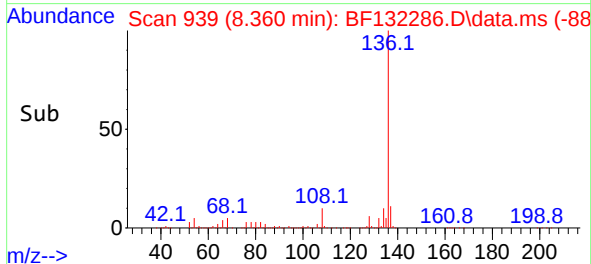
PB150609BS



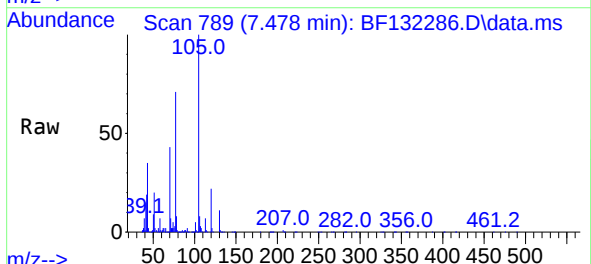
Tgt Ion:136 Resp: 853197
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 5.1 4.9 7.3
68 5.1 4.7 7.1

Manual Integrations
APPROVED

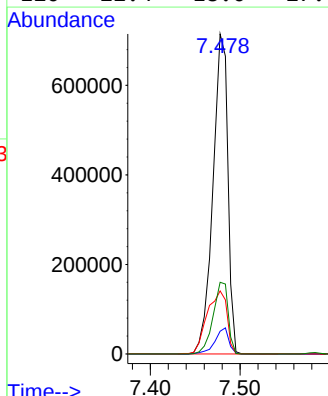
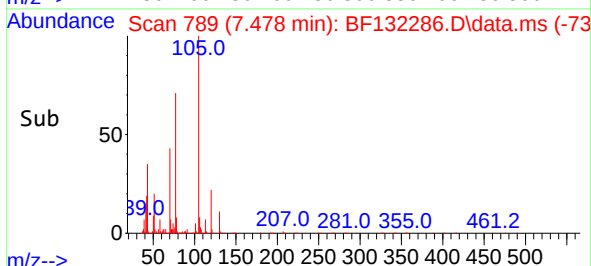
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

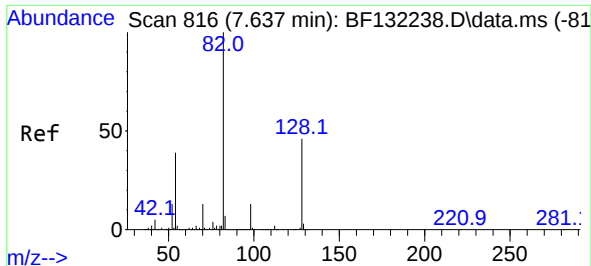


#22
Acetophenone
Concen: 41.127 ng
RT: 7.478 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42



Tgt Ion:105 Resp: 825197
Ion Ratio Lower Upper
105 100
71 7.1 5.8 8.6
51 19.7 16.2 24.2
120 22.4 18.0 27.0





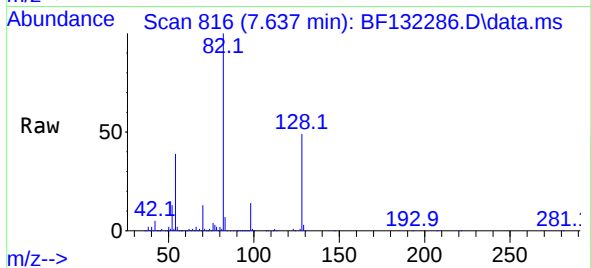
#23
Nitrobenzene-d5
Concen: 81.374 ng
RT: 7.637 min Scan# 816
Delta R.T. -0.000 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42

Instrument :

BNA_F

ClientSampleId :

PB150609BS

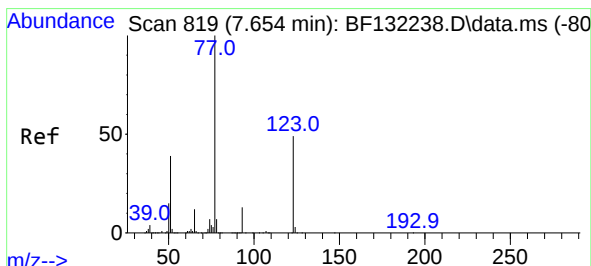
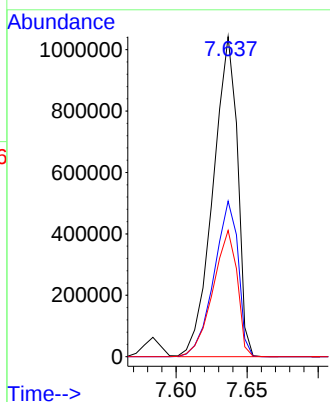
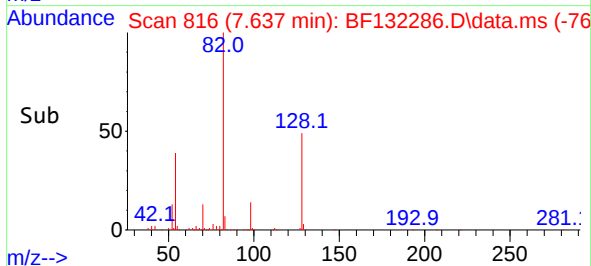


Tgt Ion: 82 Resp: 1247652
Ion Ratio Lower Upper
82 100
128 48.6 37.0 55.4
54 39.5 31.5 47.3

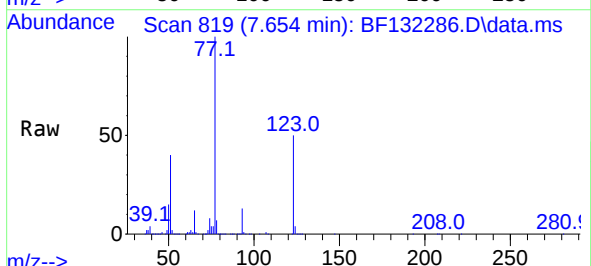
Manual Integrations

APPROVED

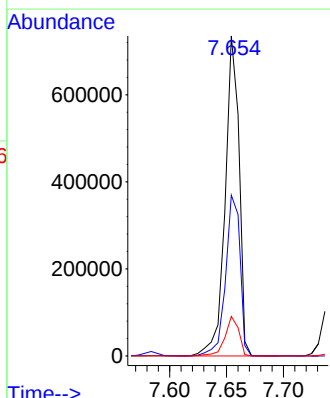
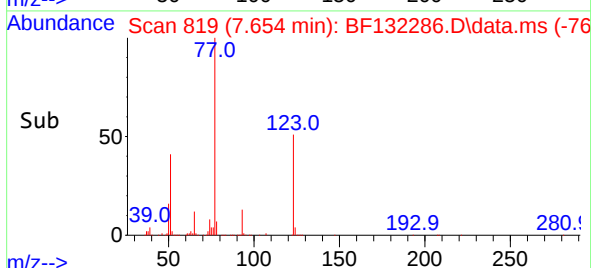
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

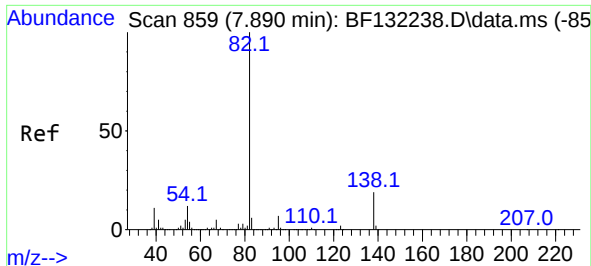


#24
Nitrobenzene
Concen: 40.159 ng
RT: 7.654 min Scan# 819
Delta R.T. -0.000 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42



Tgt Ion: 77 Resp: 629030
Ion Ratio Lower Upper
77 100
123 50.3 39.5 59.3
65 12.4 9.8 14.8





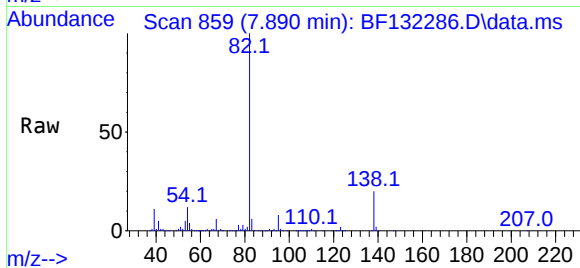
#25
Isophorone
Concen: 42.598 ng
RT: 7.890 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42

Instrument :

BNA_F

ClientSampleId :

PB150609BS

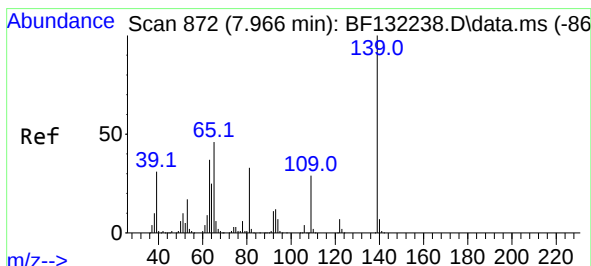
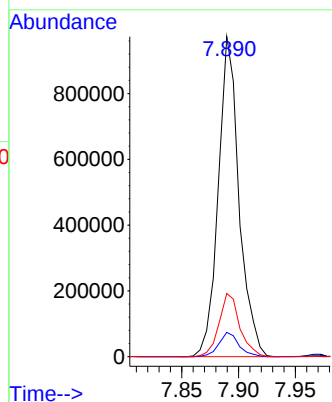
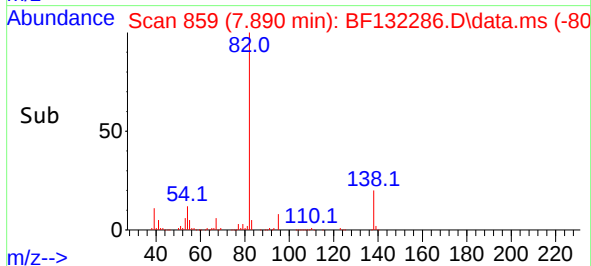


Tgt Ion: 82 Resp: 123964
Ion Ratio Lower Upper
82 100
95 7.6 5.6 8.4
138 19.7 15.0 22.6

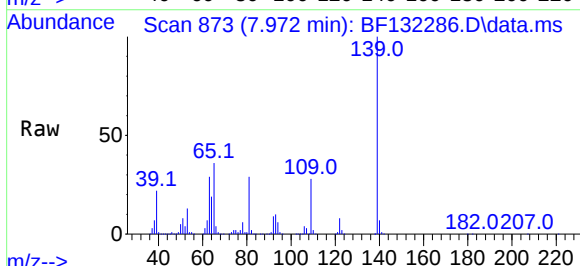
Manual Integrations

APPROVED

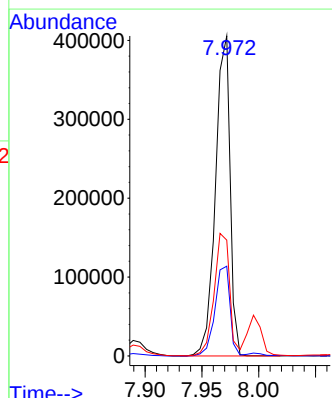
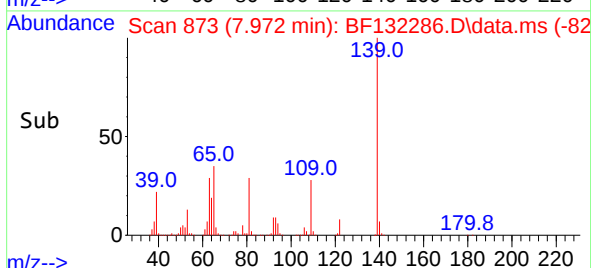
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

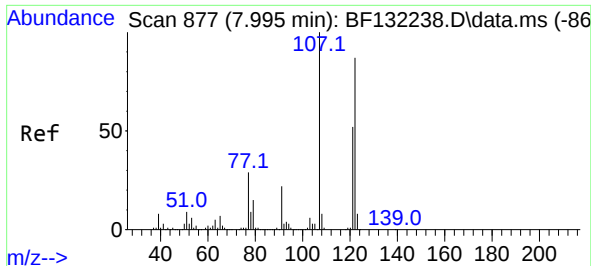


#26
2-Nitrophenol
Concen: 47.637 ng
RT: 7.972 min Scan# 873
Delta R.T. 0.006 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42



Tgt Ion:139 Resp: 363456
Ion Ratio Lower Upper
139 100
109 28.1 23.0 34.6
65 36.2 36.6 55.0#





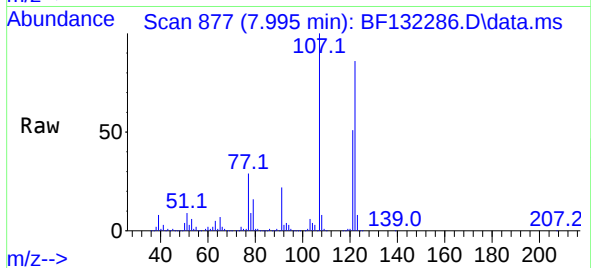
#27
2,4-Dimethylphenol
Concen: 45.384 ng
RT: 7.995 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42

Instrument :

BNA_F

ClientSampleId :

PB150609BS

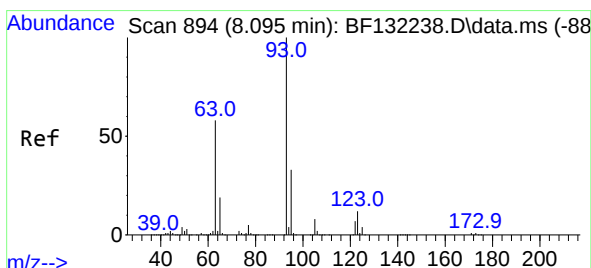
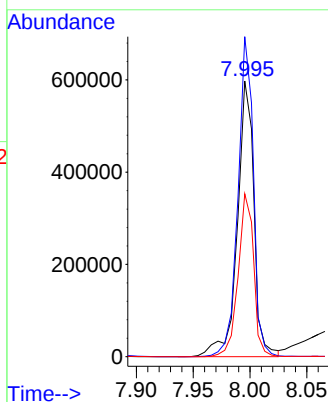
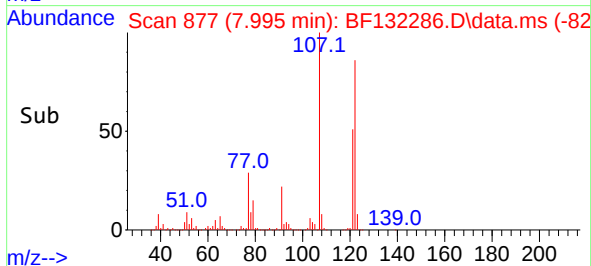


Tgt Ion:122 Resp: 60608
Ion Ratio Lower Upper
122 100
107 116.1 91.9 137.9
121 59.1 47.8 71.8

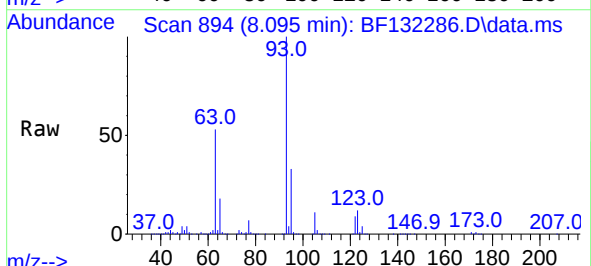
Manual Integrations

APPROVED

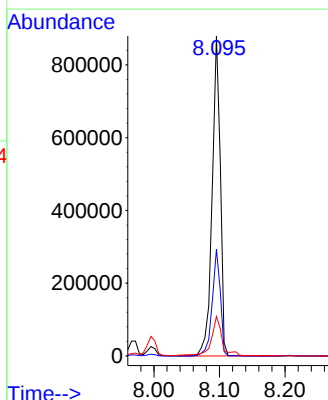
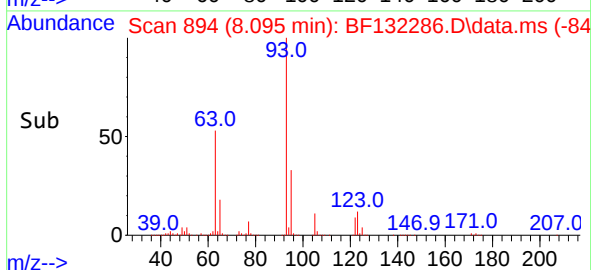
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

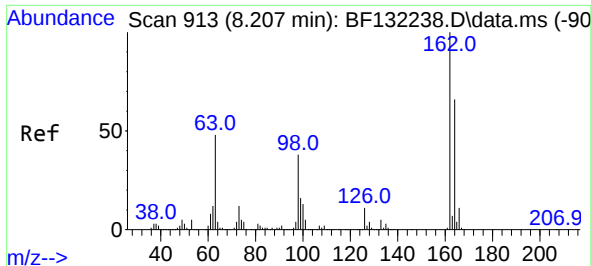


#28
bis(2-Chloroethoxy)methane
Concen: 42.656 ng
RT: 8.095 min Scan# 894
Delta R.T. -0.000 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42



Tgt Ion: 93 Resp: 762832
Ion Ratio Lower Upper
93 100
95 33.4 26.6 40.0
123 12.4 9.5 14.3





#29
2,4-Dichlorophenol
Concen: 45.875 ng
RT: 8.207 min Scan# 913
Delta R.T. -0.000 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42

Instrument :

BNA_F

ClientSampleId :

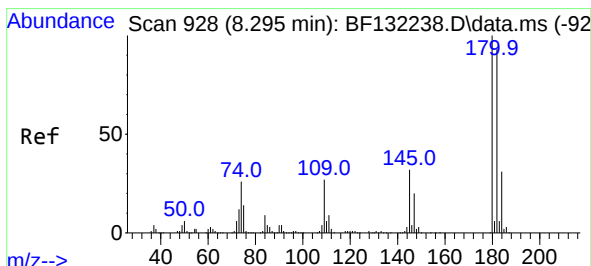
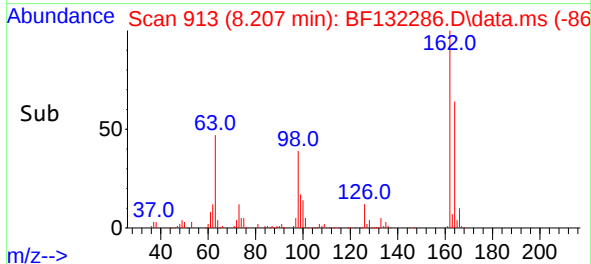
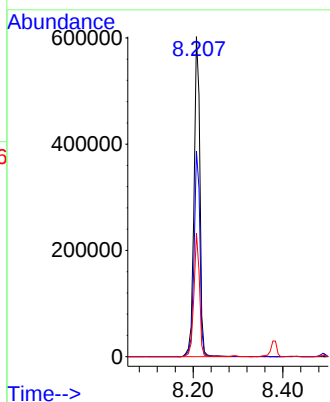
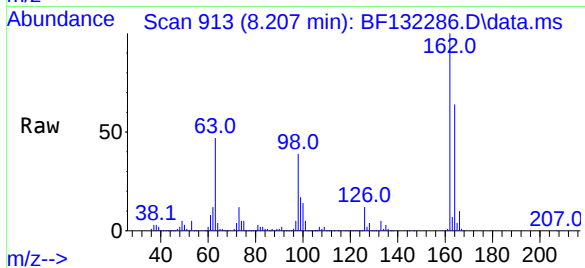
PB150609BS

Tgt Ion:162 Resp: 543910
Ion Ratio Lower Upper
162 100
164 64.2 46.4 86.4
98 38.6 17.8 57.8

Manual Integrations

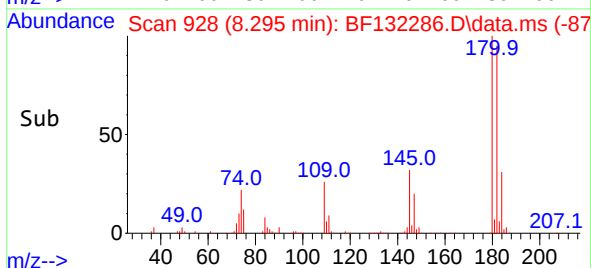
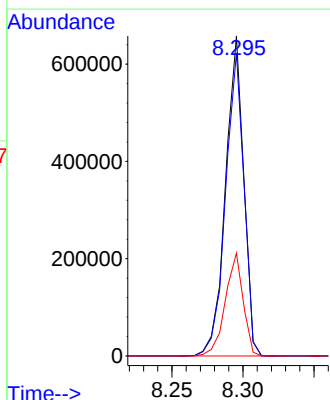
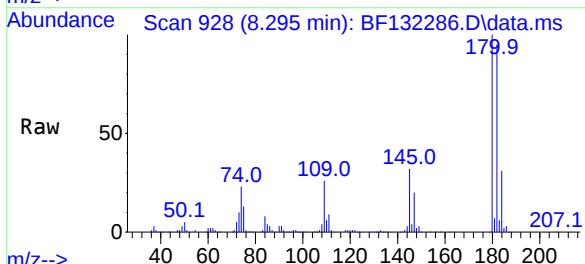
APPROVED

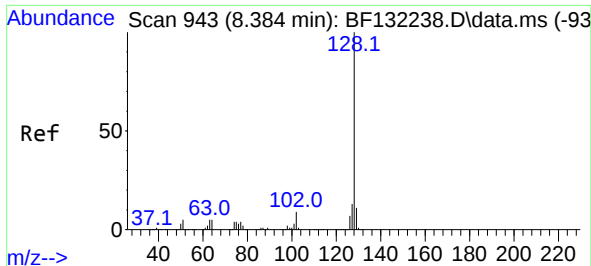
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#30
1,2,4-Trichlorobenzene
Concen: 46.139 ng
RT: 8.295 min Scan# 928
Delta R.T. -0.000 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42

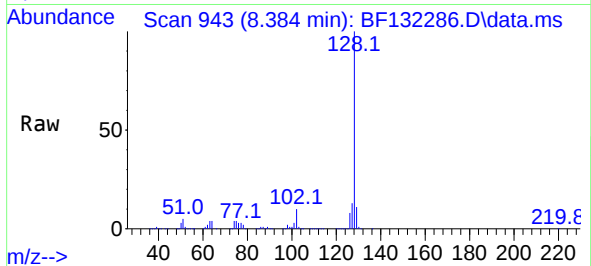
Tgt Ion:180 Resp: 585808
Ion Ratio Lower Upper
180 100
182 94.7 74.6 112.0
145 32.2 25.3 37.9





#31
Naphthalene
Concen: 41.478 ng
RT: 8.384 min Scan# 943
Delta R.T. -0.000 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42

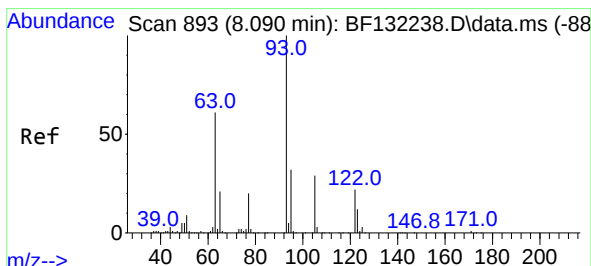
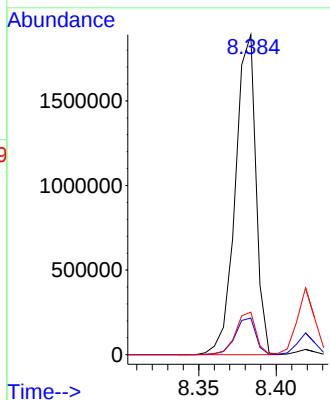
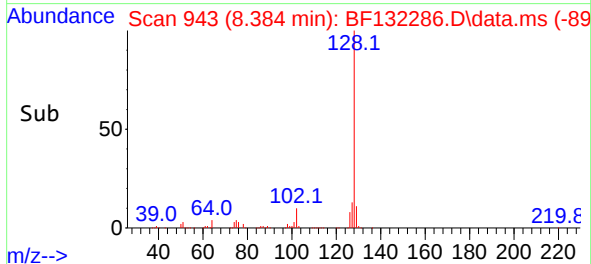
Instrument :
BNA_F
ClientSampleId :
PB150609BS



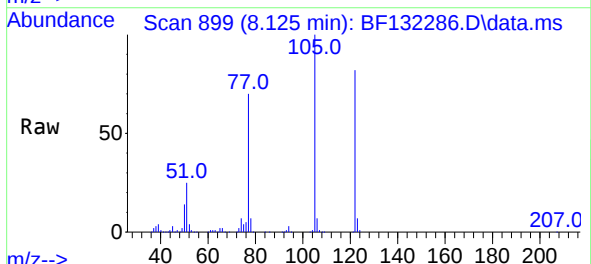
Tgt Ion:128 Resp: 1741969
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.4
127 13.3 10.5 15.7

Manual Integrations
APPROVED

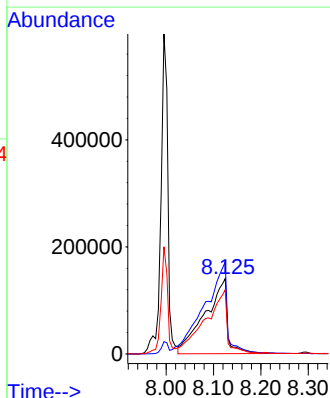
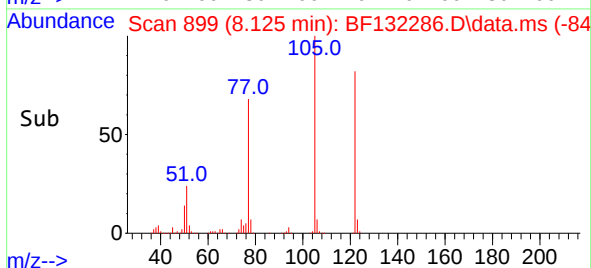
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

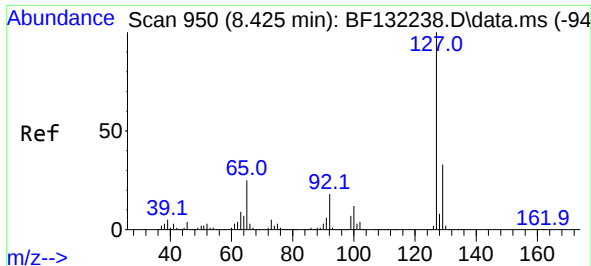


#32
Benzoic acid
Concen: 47.029 ng
RT: 8.125 min Scan# 899
Delta R.T. 0.035 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42



Tgt Ion:122 Resp: 464889
Ion Ratio Lower Upper
122 100
105 122.2 106.3 146.3
77 85.2 70.6 110.6





#33
4-Chloroaniline
Concen: 17.987 ng
RT: 8.419 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42

Instrument :

BNA_F

ClientSampleId :

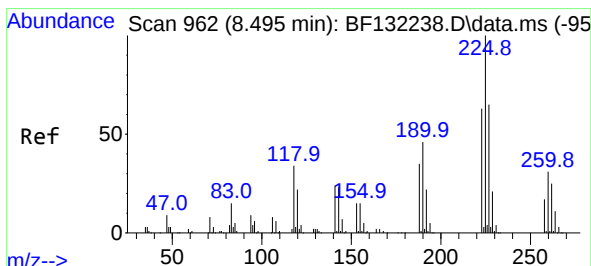
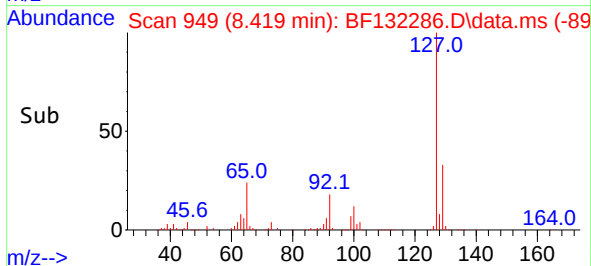
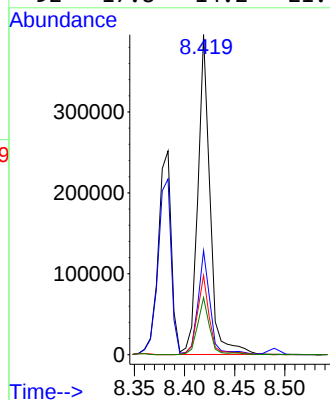
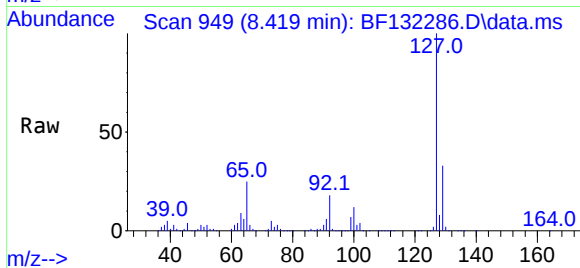
PB150609BS

Tgt Ion:127 Resp: 334979
Ion Ratio Lower Upper
127 100
129 32.5 26.6 39.8
65 24.8 20.2 30.2
92 17.8 14.2 21.4

Manual Integrations

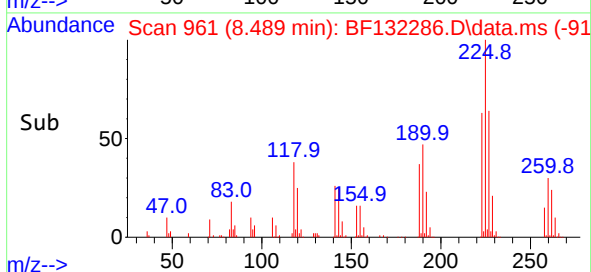
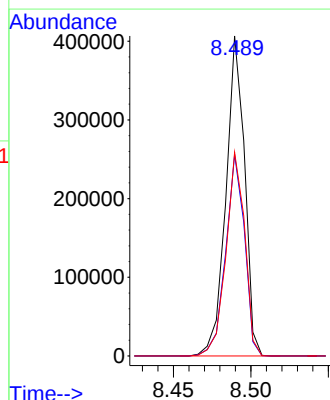
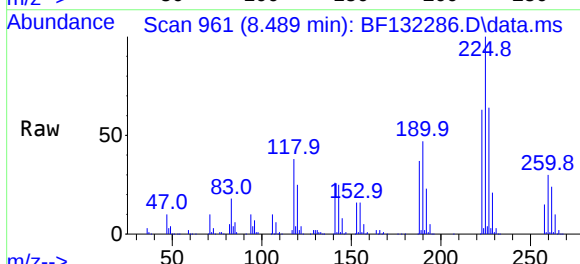
APPROVED

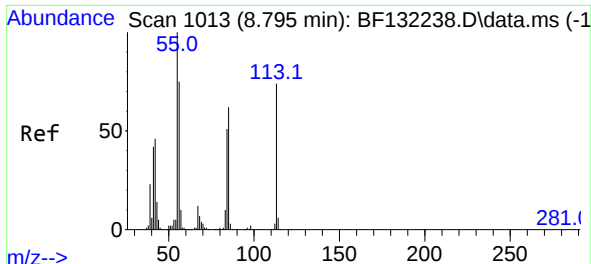
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#34
Hexachlorobutadiene
Concen: 47.648 ng
RT: 8.489 min Scan# 961
Delta R.T. -0.006 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42

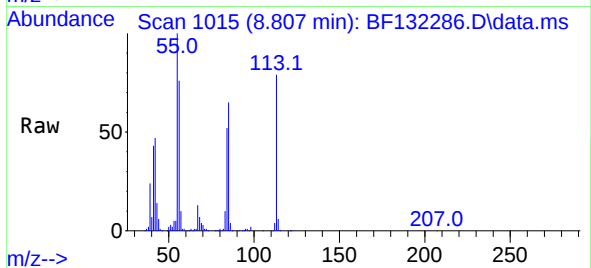
Tgt Ion:225 Resp: 340100
Ion Ratio Lower Upper
225 100
223 63.0 50.6 75.8
227 63.7 51.7 77.5





#35
Caprolactam
Concen: 46.166 ng m
RT: 8.807 min Scan# 1013
Delta R.T. 0.012 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42

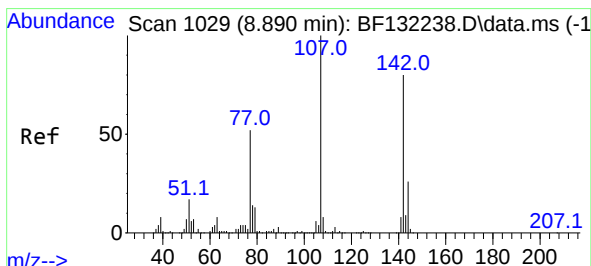
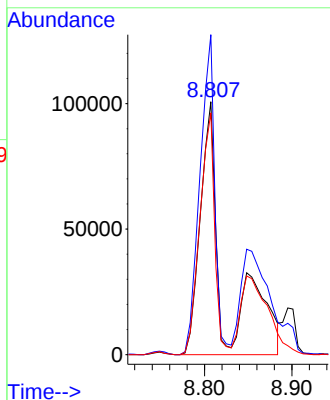
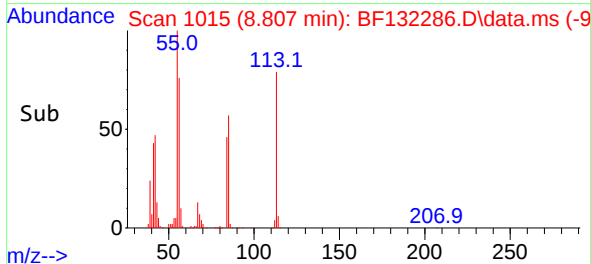
Instrument :
BNA_F
ClientSampleId :
PB150609BS



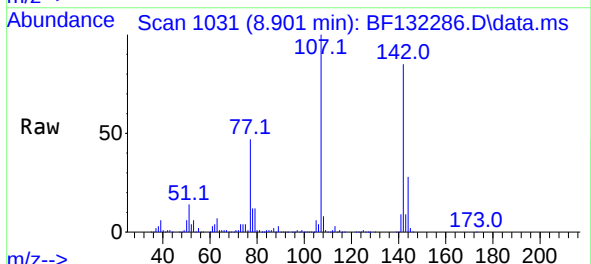
Tgt Ion:113 Resp: 186600
Ion Ratio Lower Upper
113 100
55 126.5 114.7 154.7
56 95.7 81.1 121.1

Manual Integrations
APPROVED

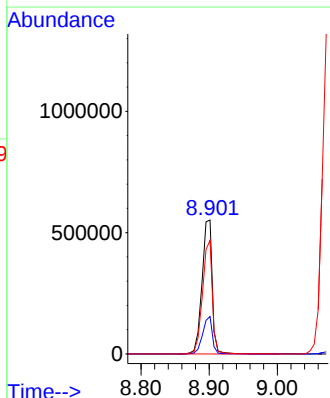
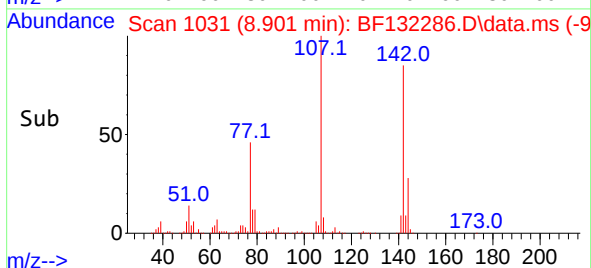
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

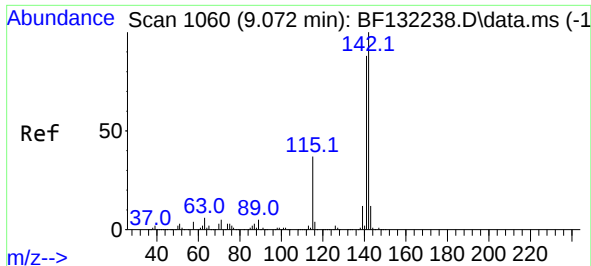


#36
4-Chloro-3-methylphenol
Concen: 45.122 ng
RT: 8.901 min Scan# 1031
Delta R.T. 0.012 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42



Tgt Ion:107 Resp: 576362
Ion Ratio Lower Upper
107 100
144 28.0 20.5 30.7
142 84.8 63.6 95.4





#37

2-Methylnaphthalene

Concen: 41.363 ng

RT: 9.072 min Scan# 1060

Delta R.T. -0.000 min

Lab File: BF132286.D

Acq: 02 Feb 2023 11:42

Instrument :

BNA_F

ClientSampleId :

PB150609BS

Tgt Ion:142 Resp: 117666

Ion Ratio Lower Upper

142 100

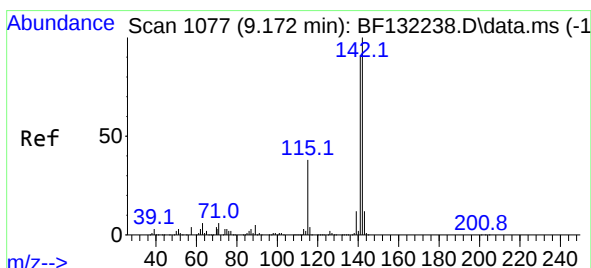
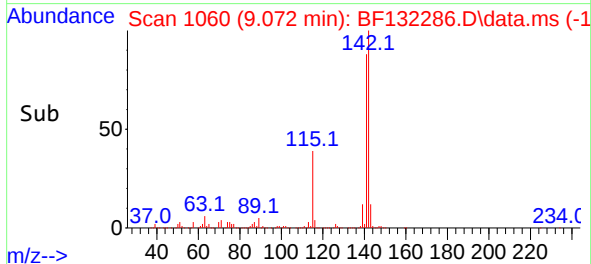
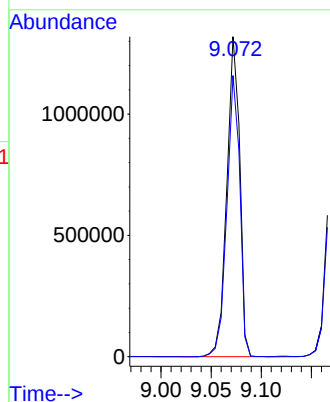
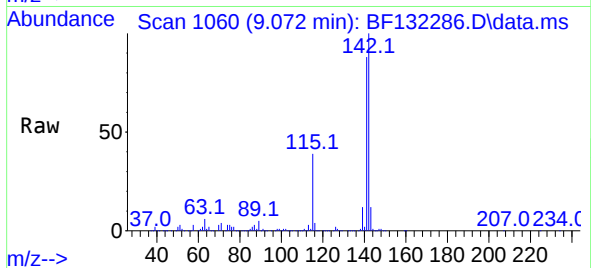
141 87.8 70.1 105.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/03/2023

Supervised By :Jagrut Upadhyay 02/03/2023



#38

1-Methylnaphthalene

Concen: 41.336 ng

RT: 9.172 min Scan# 1077

Delta R.T. -0.000 min

Lab File: BF132286.D

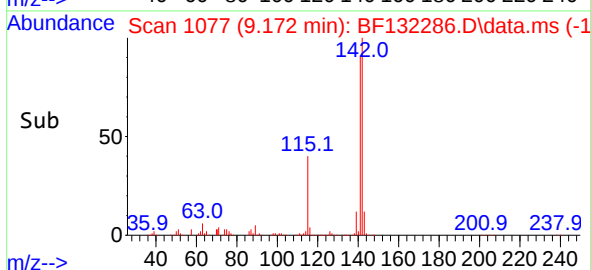
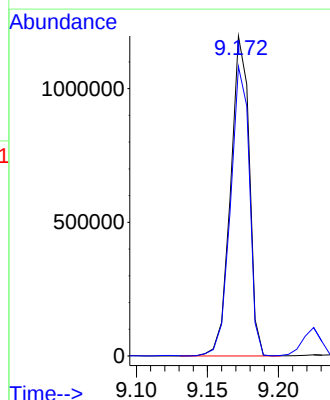
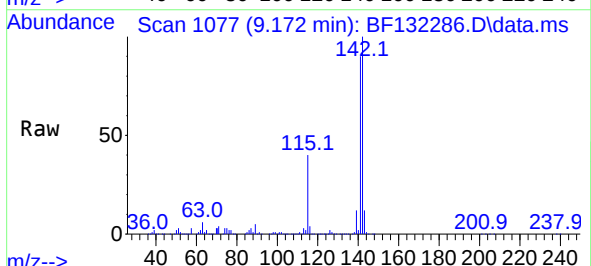
Acq: 02 Feb 2023 11:42

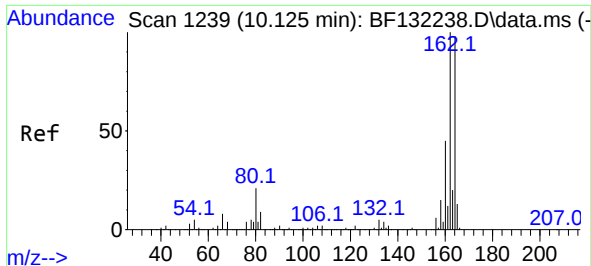
Tgt Ion:142 Resp: 1092775

Ion Ratio Lower Upper

142 100

141 90.5 72.6 108.8





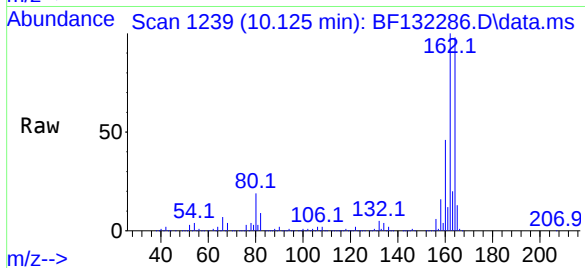
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.125 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42

Instrument :

BNA_F

ClientSampleId :

PB150609BS

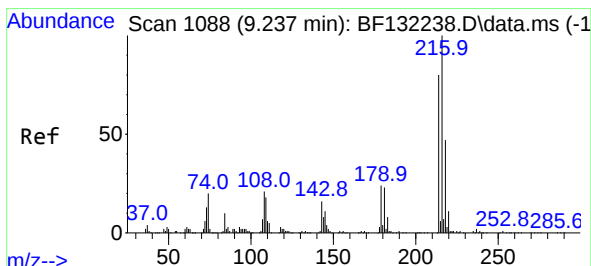
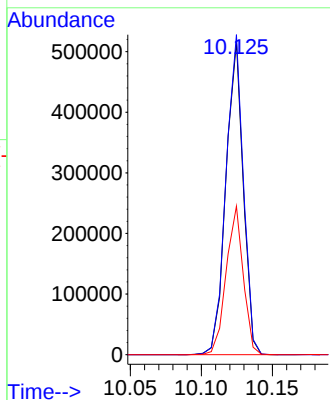
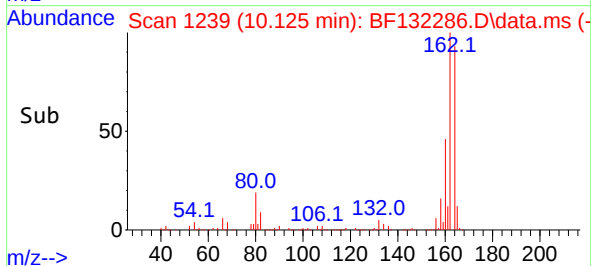


Tgt Ion:164 Resp: 437715
Ion Ratio Lower Upper
164 100
162 102.3 82.0 123.0
160 47.4 37.1 55.7

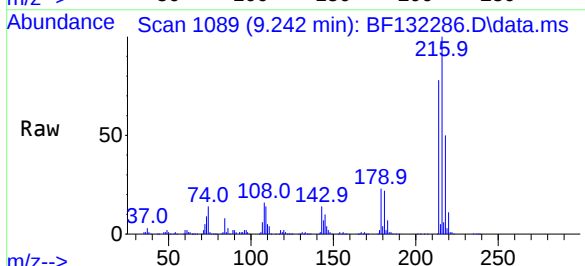
Manual Integrations

APPROVED

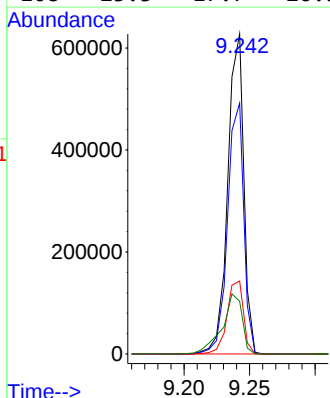
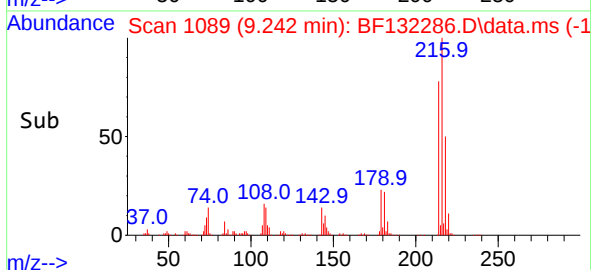
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

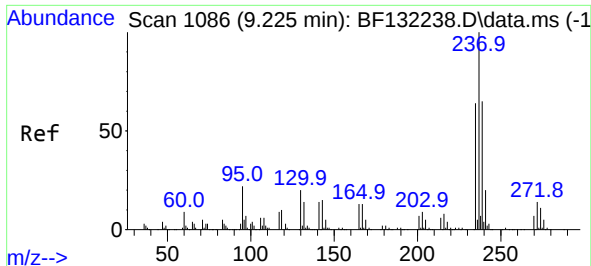


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.347 ng
RT: 9.242 min Scan# 1089
Delta R.T. 0.006 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42



Tgt Ion:216 Resp: 533940
Ion Ratio Lower Upper
216 100
214 79.3 63.6 95.4
179 23.4 18.3 27.5
108 23.3 17.7 26.5





#41
Hexachlorocyclopentadiene
Concen: 100.681 ng
RT: 9.225 min Scan# 1086
Delta R.T. -0.000 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42

Instrument :

BNA_F

ClientSampleId :

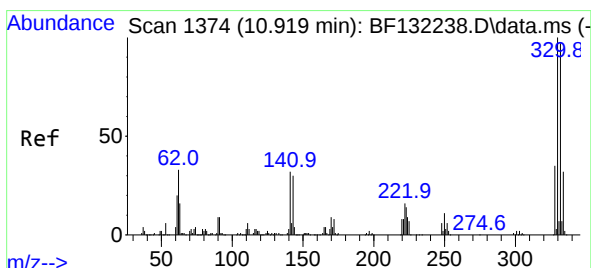
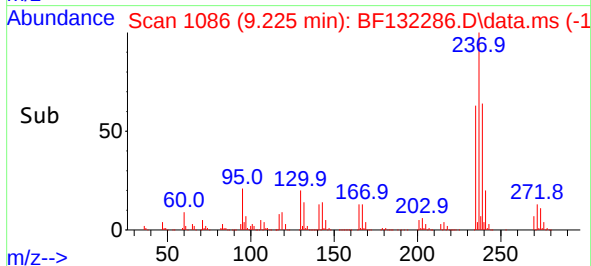
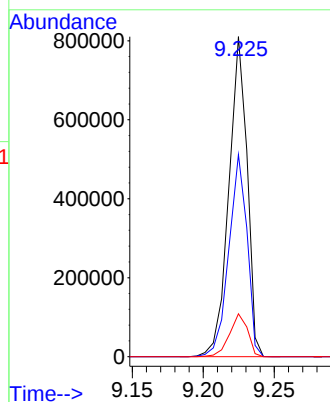
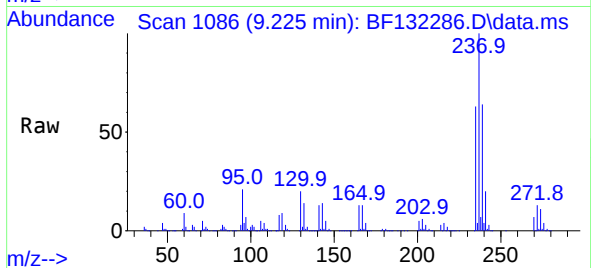
PB150609BS

Tgt Ion:237 Resp: 723554
Ion Ratio Lower Upper
237 100
235 63.1 43.5 83.5
272 13.4 0.0 33.6

Manual Integrations

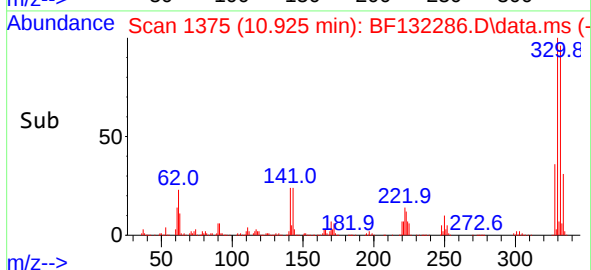
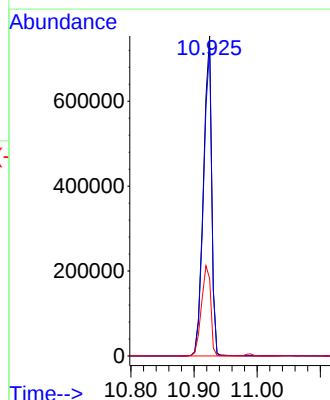
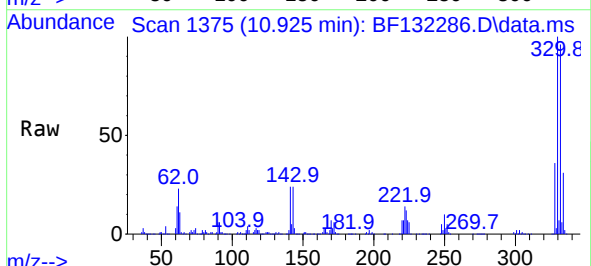
APPROVED

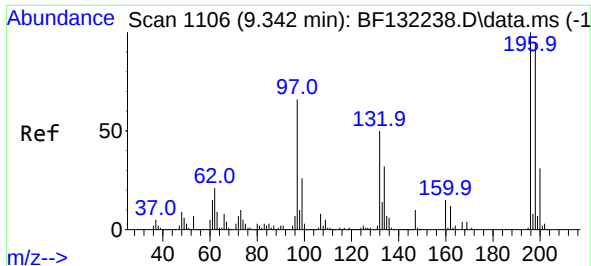
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#42
2,4,6-Tribromophenol
Concen: 151.838 ng
RT: 10.925 min Scan# 1375
Delta R.T. 0.006 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42

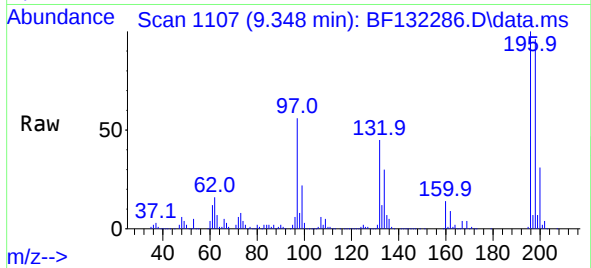
Tgt Ion:330 Resp: 683467
Ion Ratio Lower Upper
330 100
332 95.9 77.9 116.9
141 31.6 31.0 46.4





#43
2,4,6-Trichlorophenol
Concen: 45.694 ng
RT: 9.348 min Scan# 1106
Delta R.T. 0.006 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42

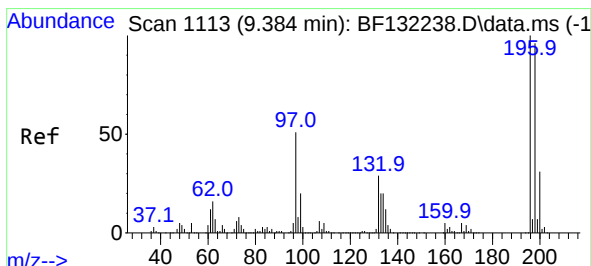
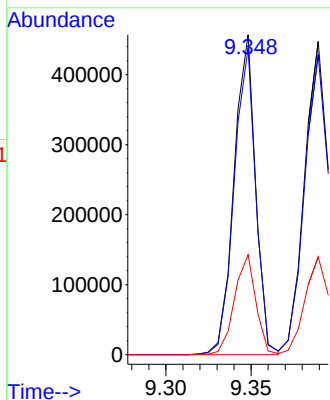
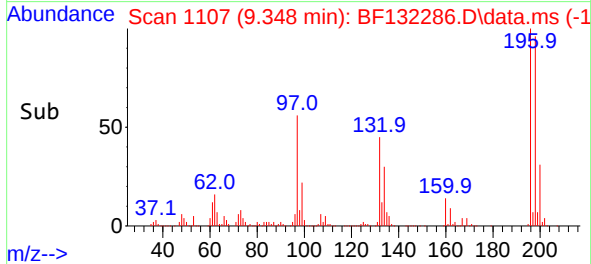
Instrument :
BNA_F
ClientSampleId :
PB150609BS



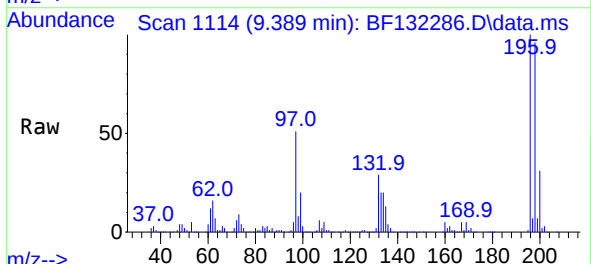
Tgt Ion:196 Resp: 402330
Ion Ratio Lower Upper
196 100
198 95.9 75.9 113.9
200 31.2 24.7 37.1

Manual Integrations
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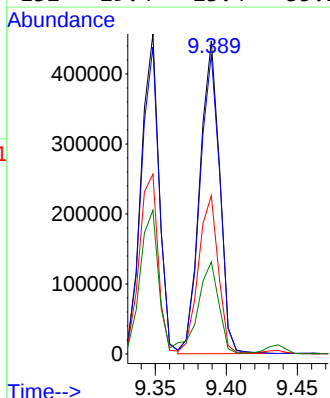
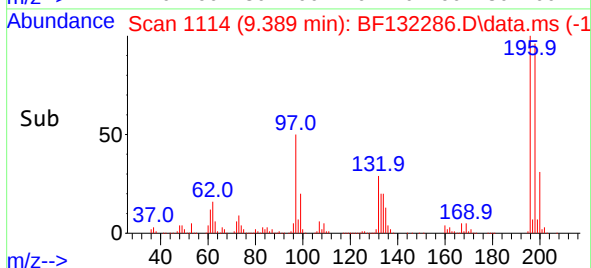
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

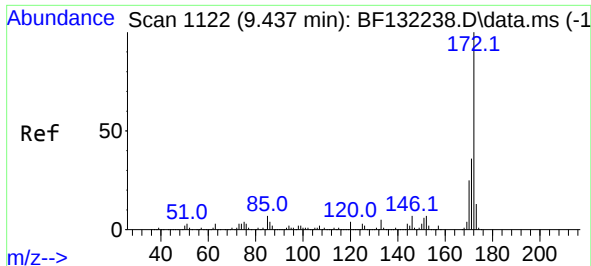


#44
2,4,5-Trichlorophenol
Concen: 42.807 ng
RT: 9.389 min Scan# 1114
Delta R.T. 0.006 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42



Tgt Ion:196 Resp: 433831
Ion Ratio Lower Upper
196 100
198 95.7 77.0 115.4
97 50.5 41.2 61.8
132 29.4 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 77.470 ng

RT: 9.436 min Scan# 1122

Delta R.T. -0.001 min

Lab File: BF132286.D

Acq: 02 Feb 2023 11:42

Instrument :

BNA_F

ClientSampleId :

PB150609BS

Tgt Ion:172 Resp: 2195870

Ion Ratio Lower Upper

172 100

171 36.4 28.6 43.0

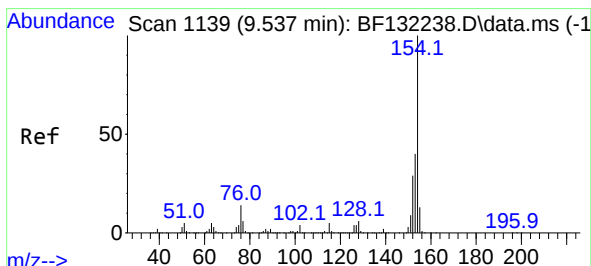
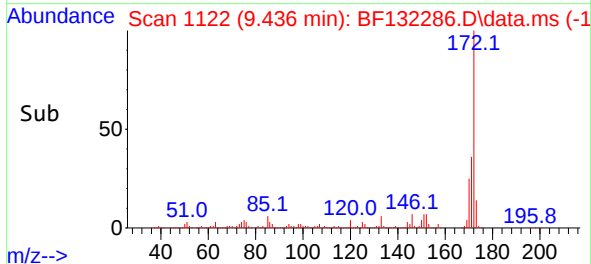
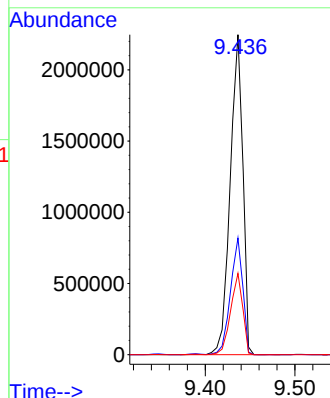
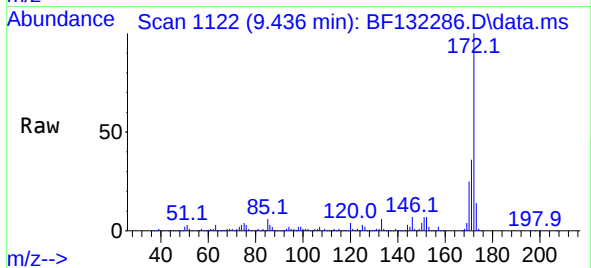
170 25.4 19.7 29.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/03/2023

Supervised By :Jagrut Upadhyay 02/03/2023



#46

1,1'-Biphenyl

Concen: 41.946 ng

RT: 9.536 min Scan# 1139

Delta R.T. -0.000 min

Lab File: BF132286.D

Acq: 02 Feb 2023 11:42

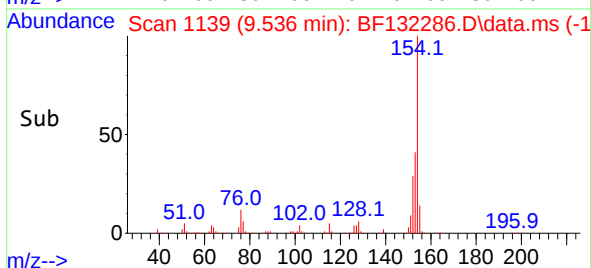
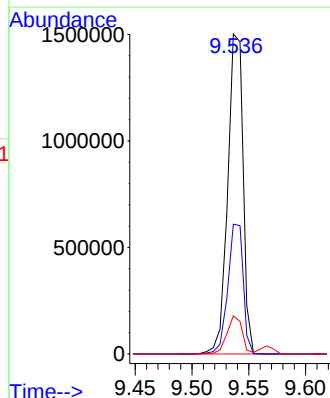
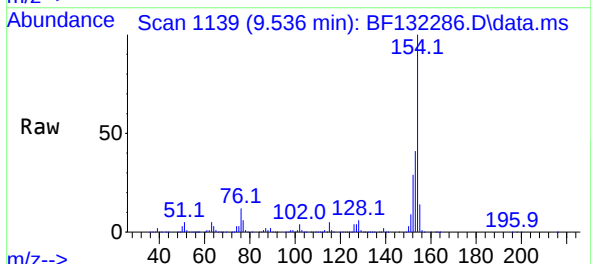
Tgt Ion:154 Resp: 1415483

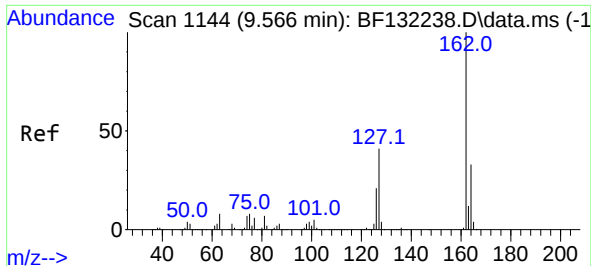
Ion Ratio Lower Upper

154 100

153 40.6 19.9 59.9

76 11.9 0.0 34.0





#47

2-Chloronaphthalene

Concen: 43.050 ng

RT: 9.566 min Scan# 1144

Delta R.T. -0.000 min

Lab File: BF132286.D

Acq: 02 Feb 2023 11:42

Instrument :

BNA_F

ClientSampleId :

PB150609BS

Tgt Ion:162 Resp: 110648

Ion Ratio Lower Upper

162 100

127 44.3 33.3 49.9

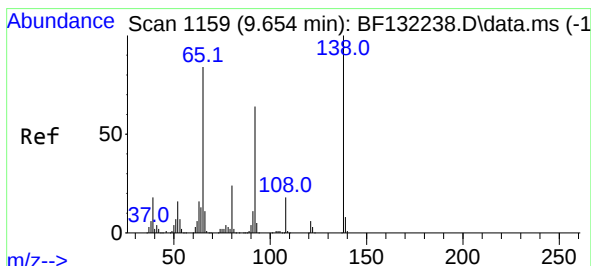
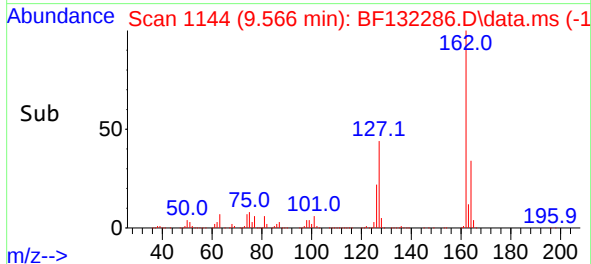
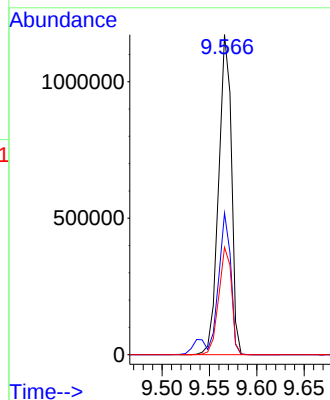
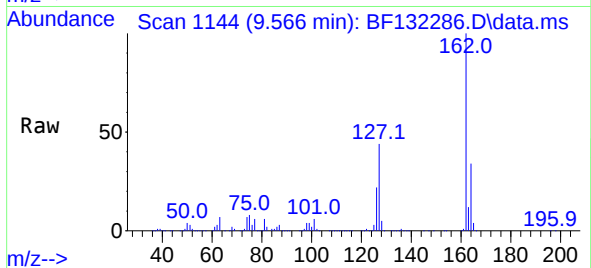
164 33.6 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/03/2023

Supervised By :Jagrut Upadhyay 02/03/2023



#48

2-Nitroaniline

Concen: 39.233 ng

RT: 9.660 min Scan# 1160

Delta R.T. 0.006 min

Lab File: BF132286.D

Acq: 02 Feb 2023 11:42

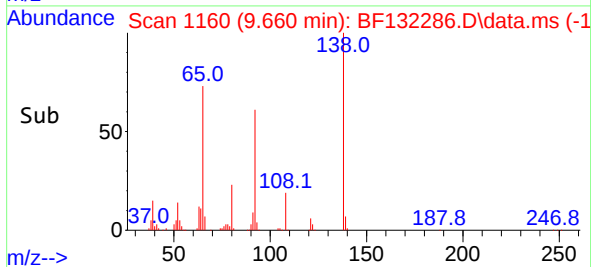
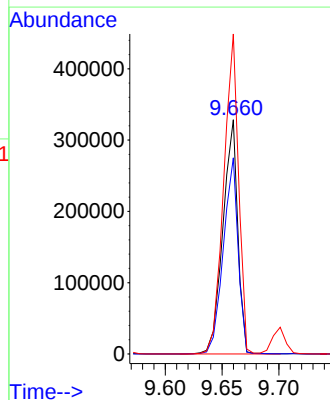
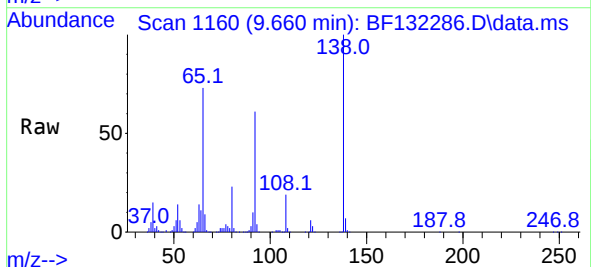
Tgt Ion: 65 Resp: 299893

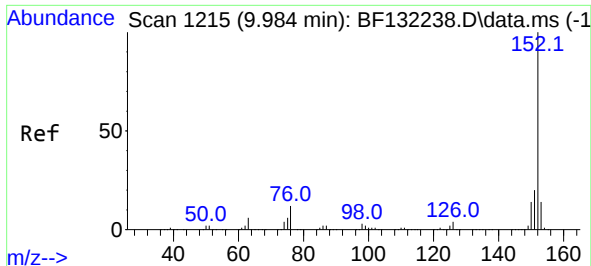
Ion Ratio Lower Upper

65 100

92 83.8 61.0 91.4

138 136.6 95.0 142.4





#49

Acenaphthylene

Concen: 41.706 ng

RT: 9.989 min Scan# 1190

Delta R.T. 0.006 min

Lab File: BF132286.D

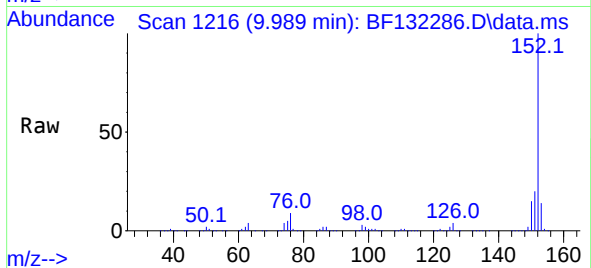
Acq: 02 Feb 2023 11:42

Instrument :

BNA_F

ClientSampleId :

PB150609BS



Tgt Ion:152 Resp: 174944

Ion Ratio Lower Upper

152 100

151 20.4 15.9 23.9

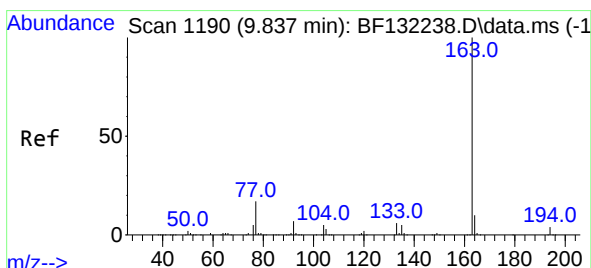
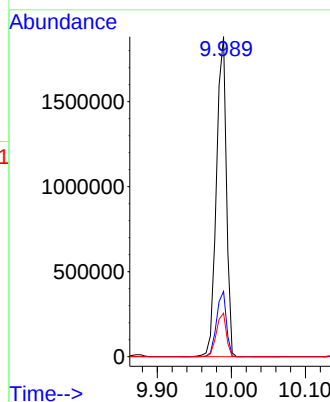
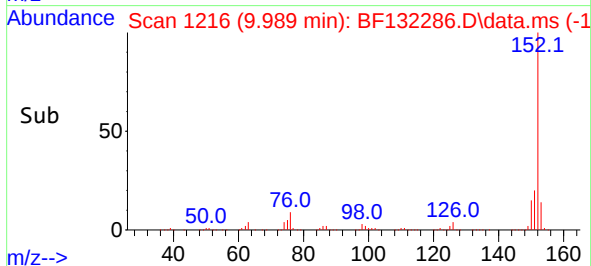
153 13.6 10.9 16.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/03/2023

Supervised By :Jagrut Upadhyay 02/03/2023



#50

Dimethylphthalate

Concen: 44.219 ng

RT: 9.836 min Scan# 1190

Delta R.T. -0.000 min

Lab File: BF132286.D

Acq: 02 Feb 2023 11:42

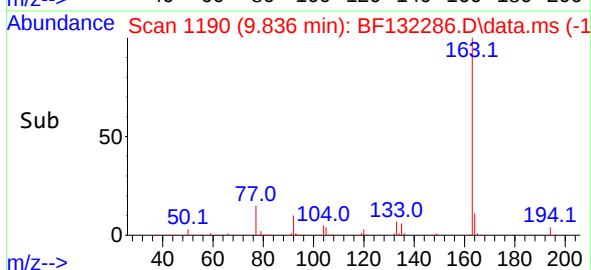
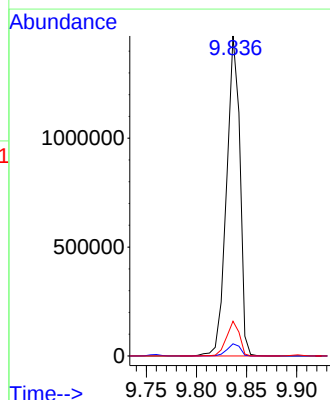
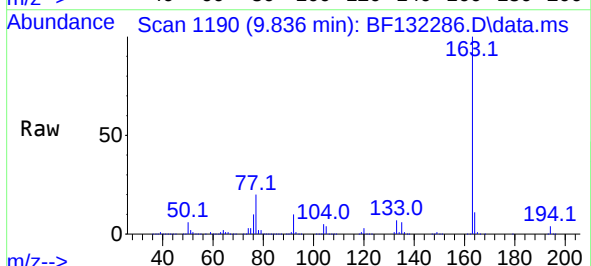
Tgt Ion:163 Resp: 1353926

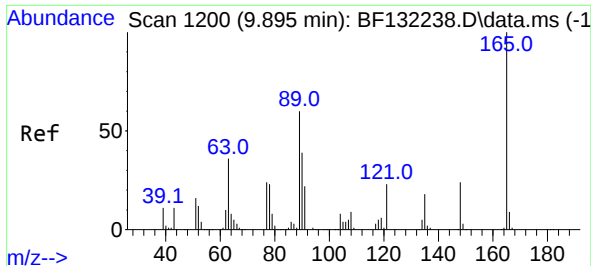
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

164 10.8 7.9 11.9





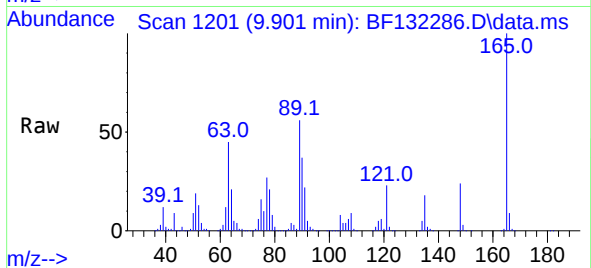
#51
2,6-Dinitrotoluene
Concen: 45.552 ng
RT: 9.901 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42

Instrument :

BNA_F

ClientSampleId :

PB150609BS

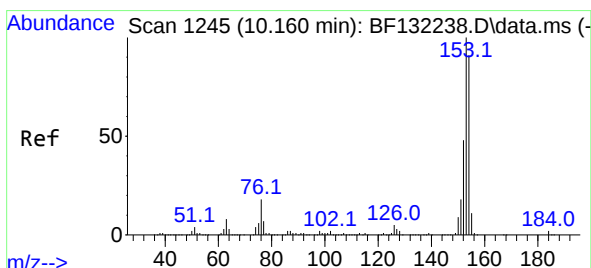
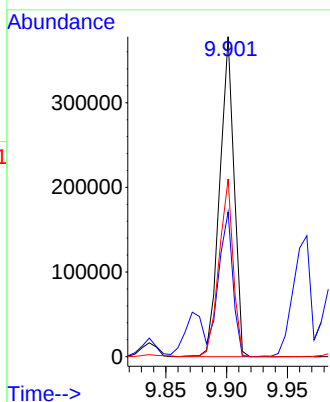
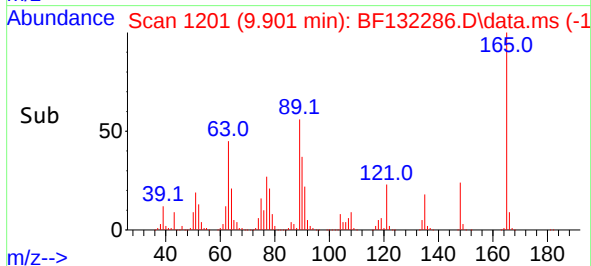


Tgt Ion:165 Resp: 31149
Ion Ratio Lower Upper
165 100
63 45.3 41.5 62.3
89 55.5 48.1 72.1

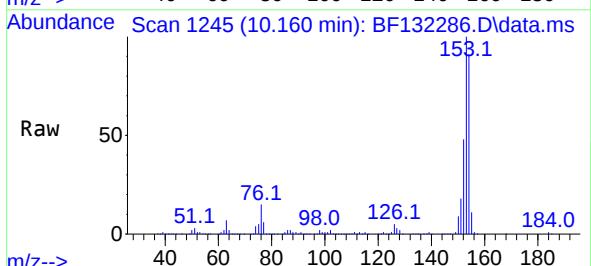
Manual Integrations

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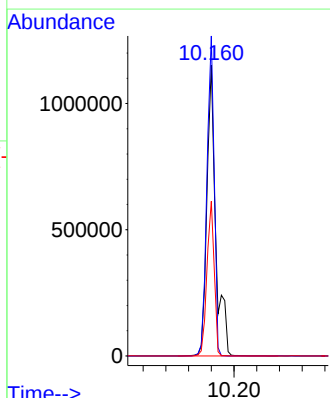
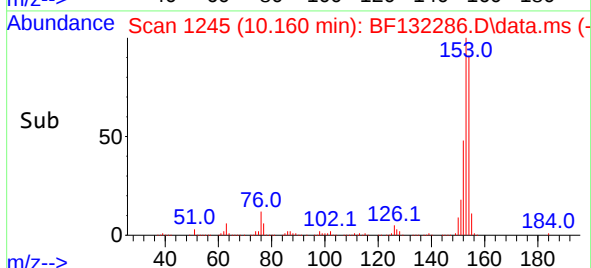
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

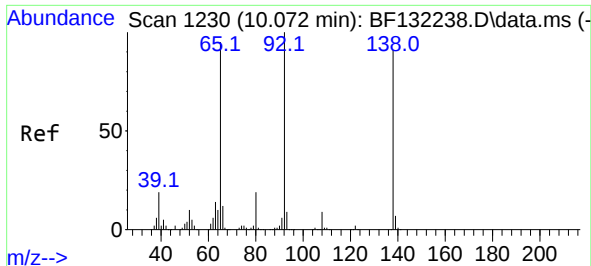


#52
Acenaphthene
Concen: 47.520 ng
RT: 10.160 min Scan# 1245
Delta R.T. -0.000 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42



Tgt Ion:154 Resp: 1247948
Ion Ratio Lower Upper
154 100
153 110.0 88.3 132.5
152 53.2 42.7 64.1





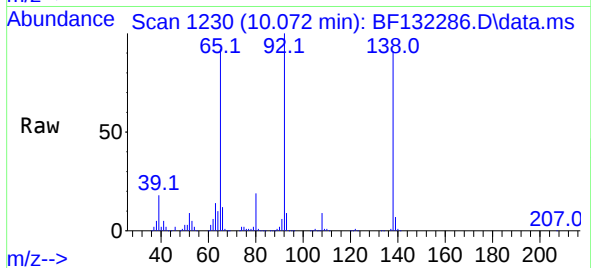
#53
3-Nitroaniline
Concen: 28.929 ng
RT: 10.072 min Scan# 1230
Delta R.T. -0.000 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42

Instrument :

BNA_F

ClientSampleId :

PB150609BS

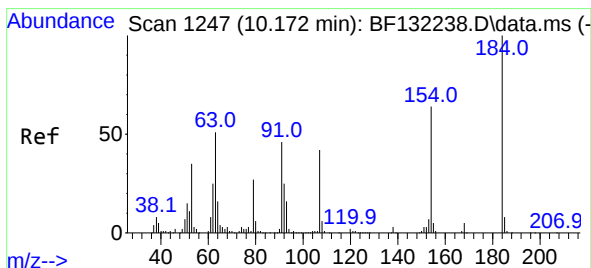
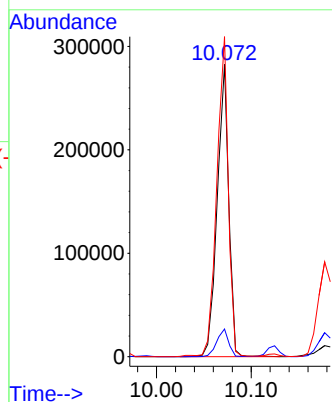
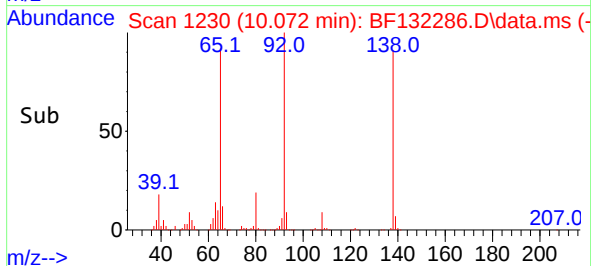


Tgt Ion:138 Resp: 239899
Ion Ratio Lower Upper
138 100
108 9.5 7.6 11.4
92 109.5 88.3 132.5

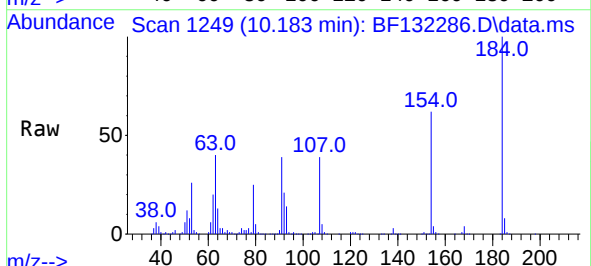
Manual Integrations

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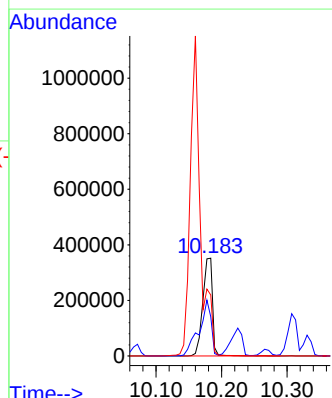
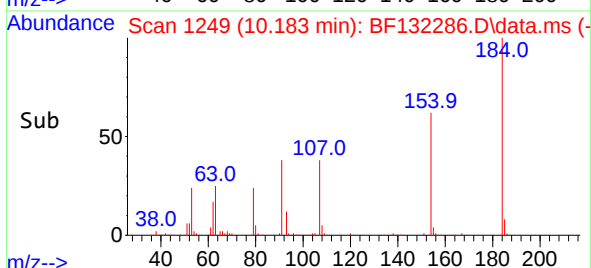
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

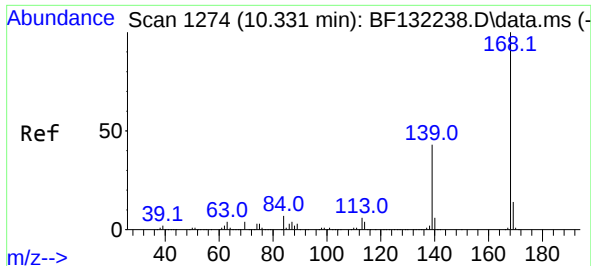


#54
2,4-Dinitrophenol
Concen: 90.929 ng
RT: 10.183 min Scan# 1249
Delta R.T. 0.011 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42



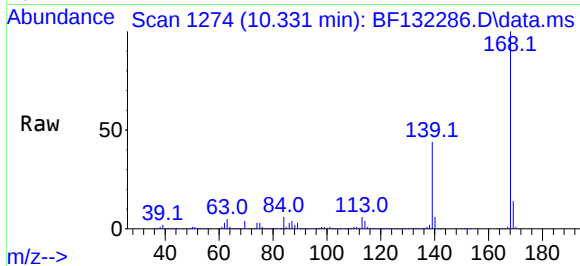
Tgt Ion:184 Resp: 362913
Ion Ratio Lower Upper
184 100
63 40.2 41.6 62.4#
154 62.5 57.0 85.6





#55
Dibenzenofuran
Concen: 41.995 ng
RT: 10.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42

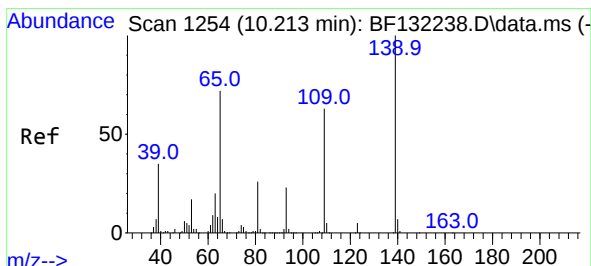
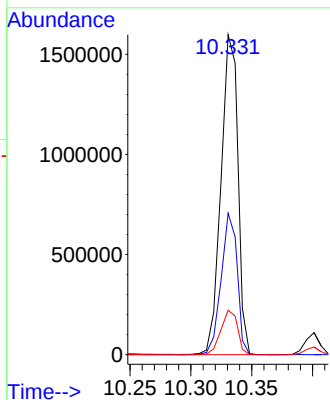
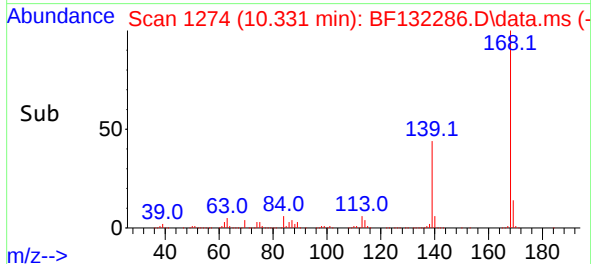
Instrument :
BNA_F
ClientSampleId :
PB150609BS



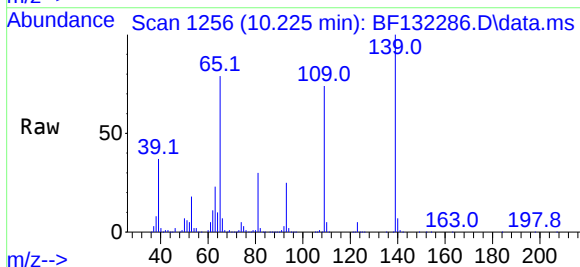
Tgt Ion:168 Resp: 154954
Ion Ratio Lower Upper
168 100
139 44.2 34.2 51.4
169 13.9 11.2 16.8

Manual Integrations
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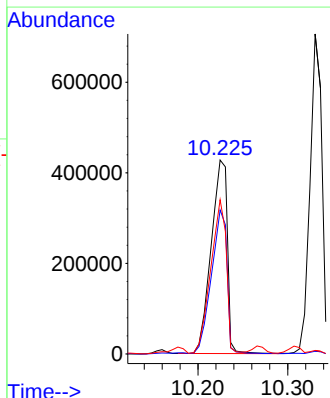
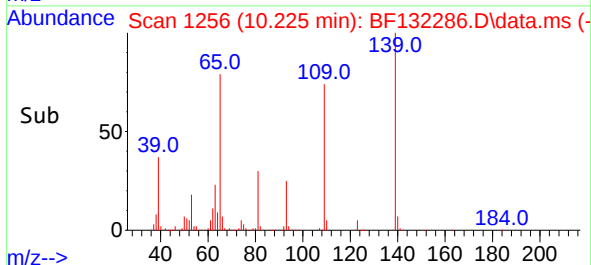
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

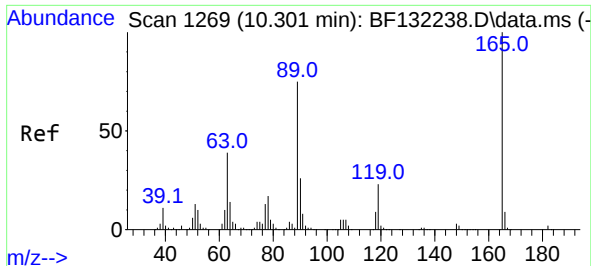


#56
4-Nitrophenol
Concen: 85.889 ng
RT: 10.225 min Scan# 1256
Delta R.T. 0.012 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42



Tgt Ion:139 Resp: 535978
Ion Ratio Lower Upper
139 100
109 74.3 43.3 83.3
65 79.5 52.3 92.3





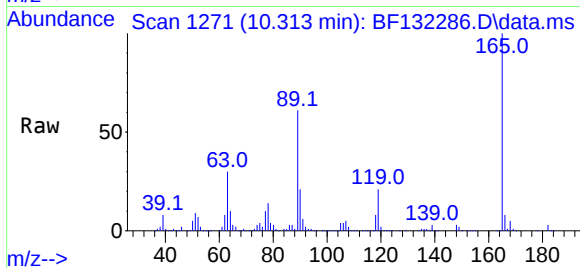
#57
2,4-Dinitrotoluene
Concen: 47.150 ng
RT: 10.313 min Scan# 1271
Delta R.T. 0.012 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42

Instrument :

BNA_F

ClientSampleId :

PB150609BS

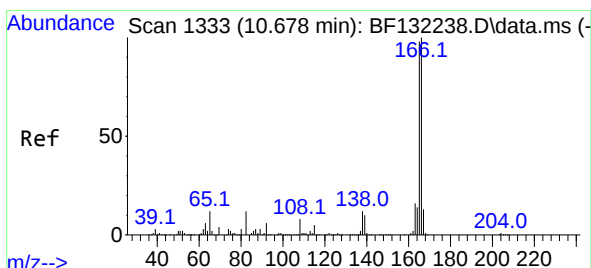
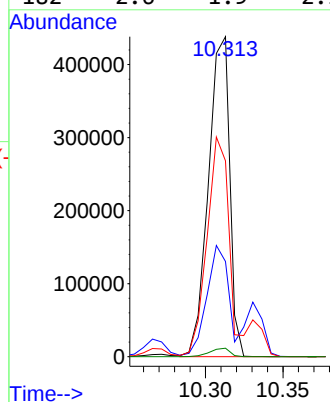
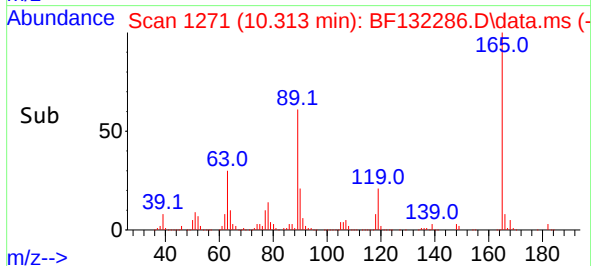


Tgt Ion:165 Resp: 418829
Ion Ratio Lower Upper
165 100
63 29.8 30.9 46.3
89 61.2 60.1 90.1
182 2.6 1.9 2.9

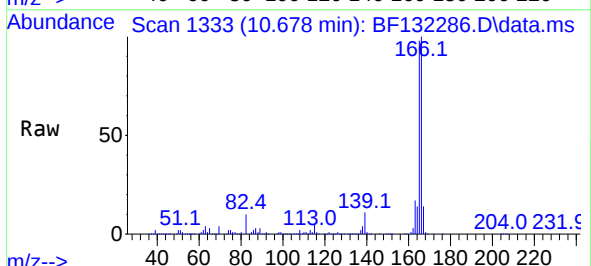
Manual Integrations

APPROVED

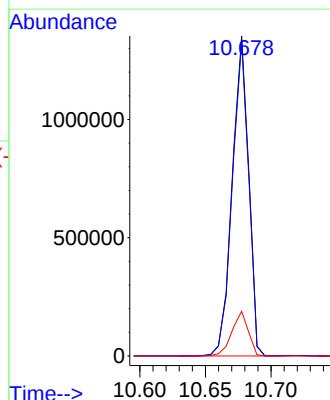
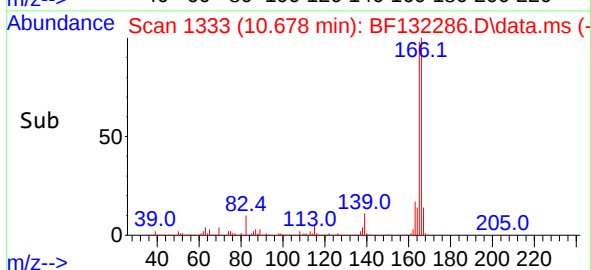
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

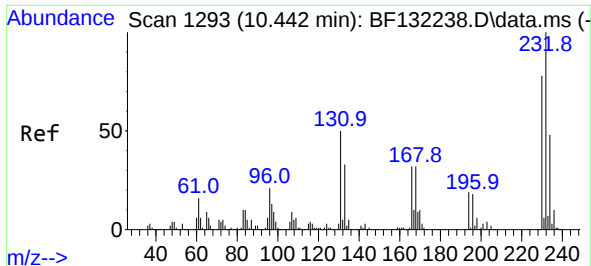


#58
Fluorene
Concen: 41.533 ng
RT: 10.678 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42



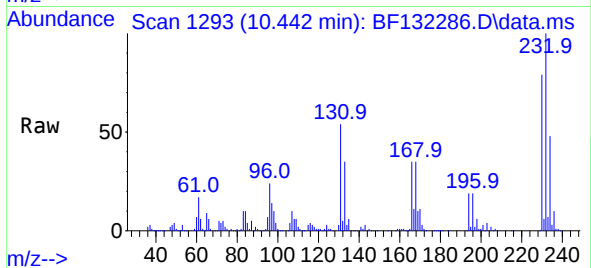
Tgt Ion:166 Resp: 1179427
Ion Ratio Lower Upper
166 100
165 98.3 78.0 117.0
167 13.9 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.155 ng
RT: 10.442 min Scan# 1310
Delta R.T. -0.000 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42

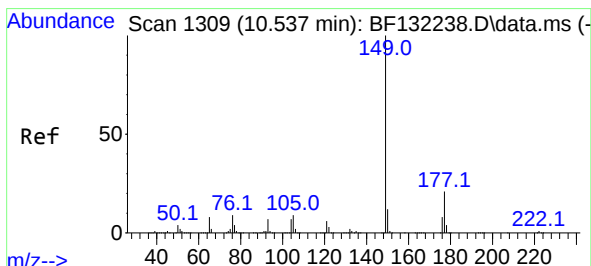
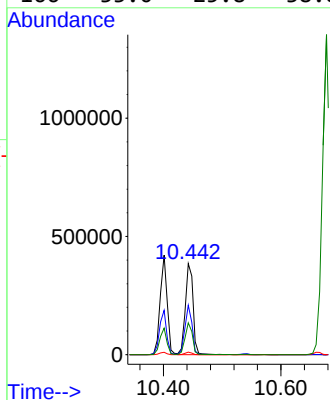
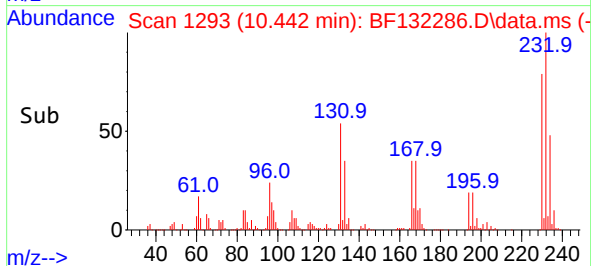
Instrument :
BNA_F
ClientSampleId :
PB150609BS



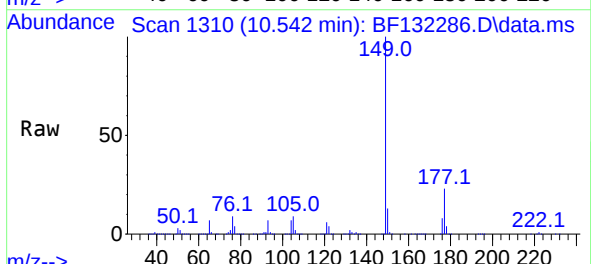
Tgt Ion:232 Resp: 34839
Ion Ratio Lower Upper
232 100
131 50.1 40.6 61.0
130 2.5 1.9 2.9
166 33.0 25.8 38.8

Manual Integrations
APPROVED

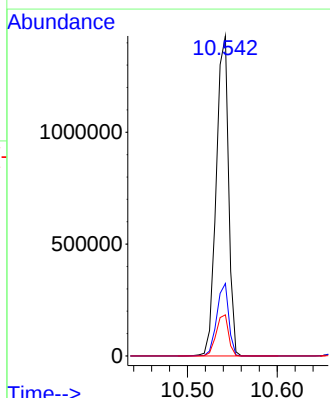
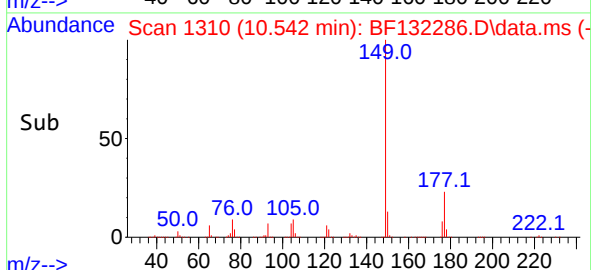
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

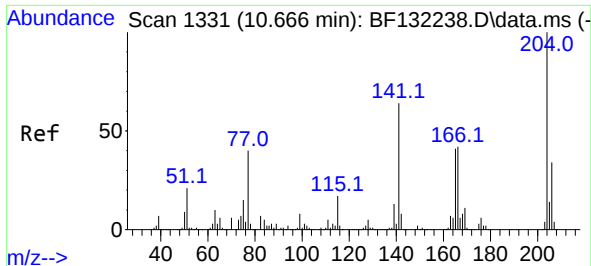


#60
Diethylphthalate
Concen: 44.776 ng
RT: 10.542 min Scan# 1310
Delta R.T. 0.006 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42



Tgt Ion:149 Resp: 1363849
Ion Ratio Lower Upper
149 100
177 22.7 17.1 25.7
150 12.9 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 43.199 ng
RT: 10.666 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42

Instrument :

BNA_F

ClientSampleId :

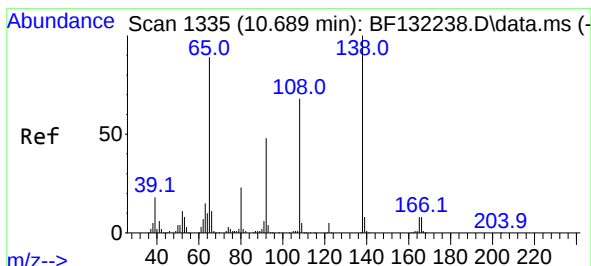
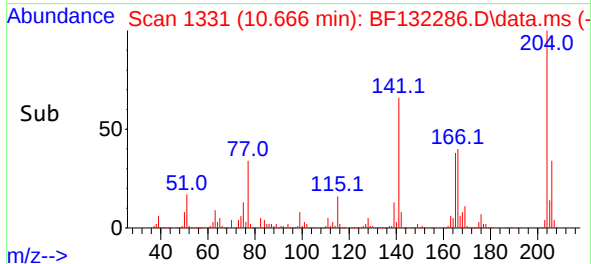
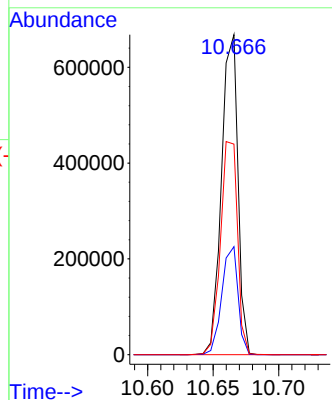
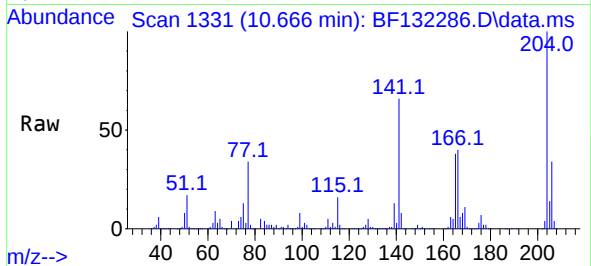
PB150609BS

Tgt Ion:204 Resp: 582180
Ion Ratio Lower Upper
204 100
206 33.7 26.8 40.2
141 65.8 51.4 77.0

Manual Integrations

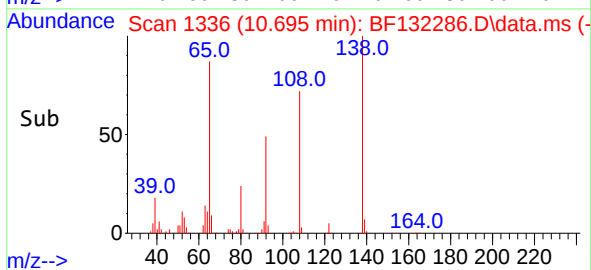
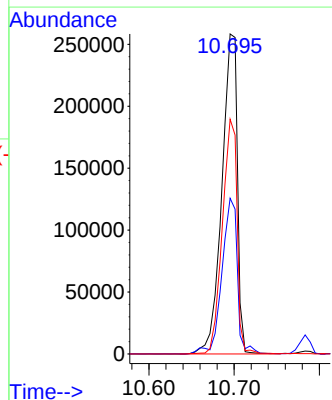
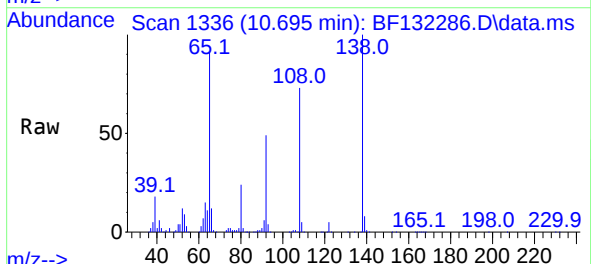
APPROVED

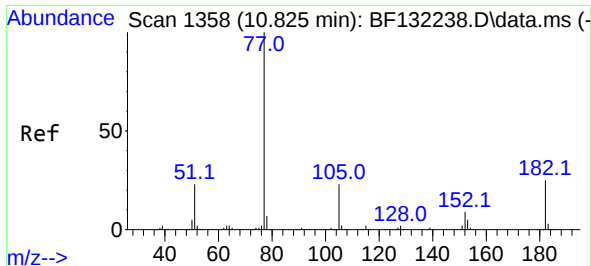
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#62
4-Nitroaniline
Concen: 41.161 ng
RT: 10.695 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42

Tgt Ion:138 Resp: 327327
Ion Ratio Lower Upper
138 100
92 48.7 27.7 67.7
108 73.4 48.5 88.5





#63
Azobenzene
Concen: 39.836 ng
RT: 10.825 min Scan# 1181905
Delta R.T. -0.000 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42

Instrument :

BNA_F

ClientSampleId :

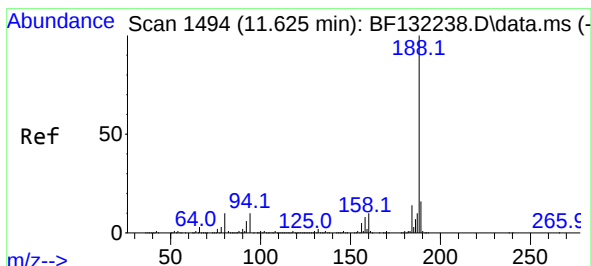
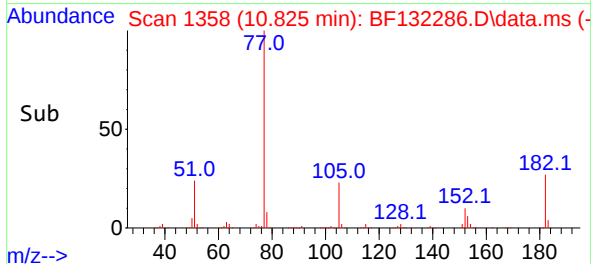
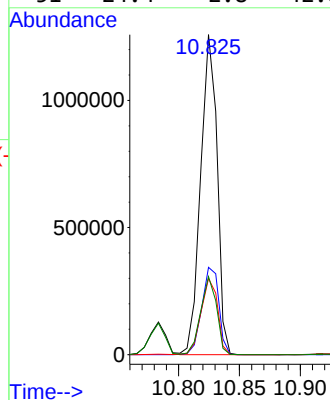
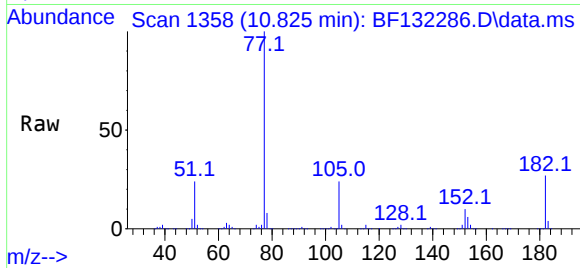
PB150609BS

Tgt Ion: 77 Resp: 1181905
Ion Ratio Lower Upper
77 100
182 27.3 4.5 44.5
105 23.8 2.7 42.7
51 24.4 2.8 42.8

Manual Integrations

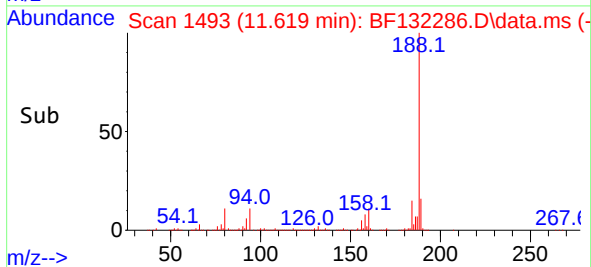
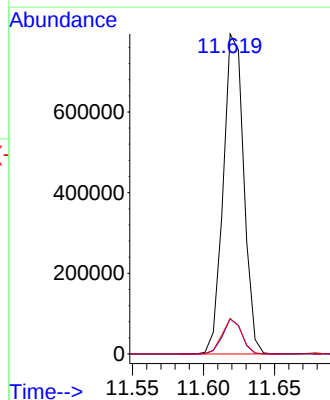
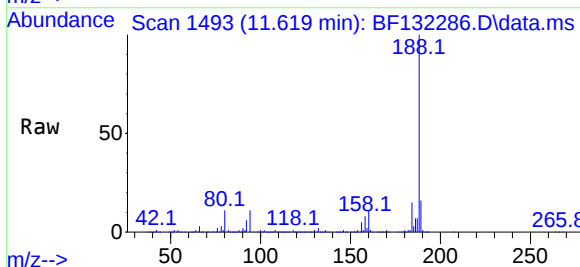
APPROVED

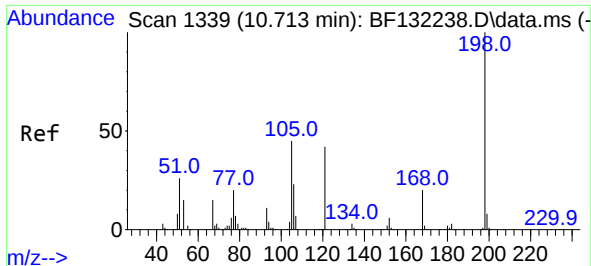
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.619 min Scan# 1493
Delta R.T. -0.006 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42

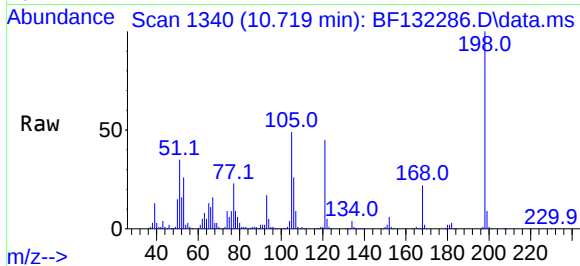
Tgt Ion:188 Resp: 796906
Ion Ratio Lower Upper
188 100
94 11.0 8.2 12.2
80 11.1 8.3 12.5





#65
4,6-Dinitro-2-methylphenol
Concen: 49.759 ng
RT: 10.719 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42

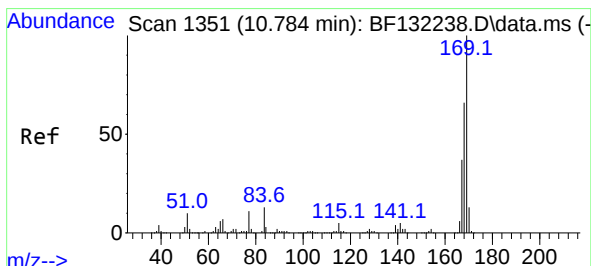
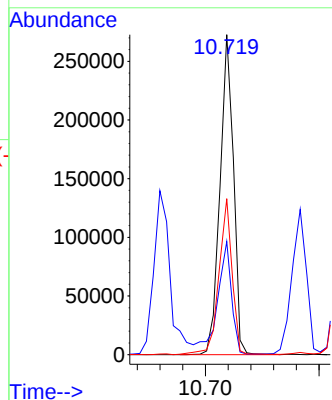
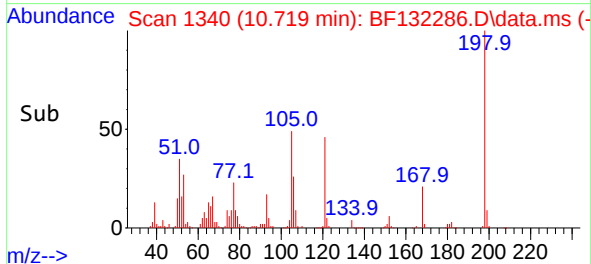
Instrument :
BNA_F
ClientSampleId :
PB150609BS



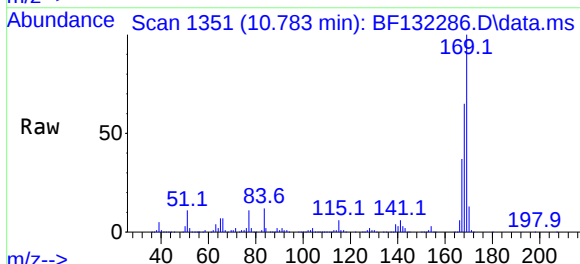
Tgt Ion:198 Resp: 225054
Ion Ratio Lower Upper
198 100
51 35.3 13.1 53.1
105 48.8 26.0 66.0

Manual Integrations
APPROVED

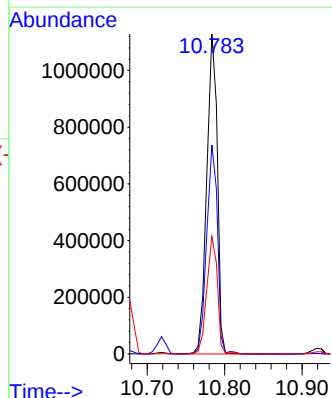
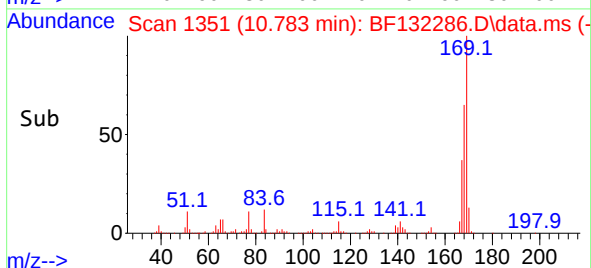
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

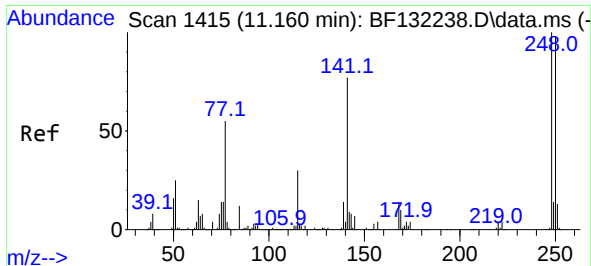


#66
n-Nitrosodiphenylamine
Concen: 42.789 ng
RT: 10.783 min Scan# 1351
Delta R.T. -0.000 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42



Tgt Ion:169 Resp: 1067738
Ion Ratio Lower Upper
169 100
168 65.3 52.6 79.0
167 36.8 29.5 44.3





#67
4-Bromophenyl-phenylether
Concen: 46.627 ng
RT: 11.160 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42

Instrument :

BNA_F

ClientSampleId :

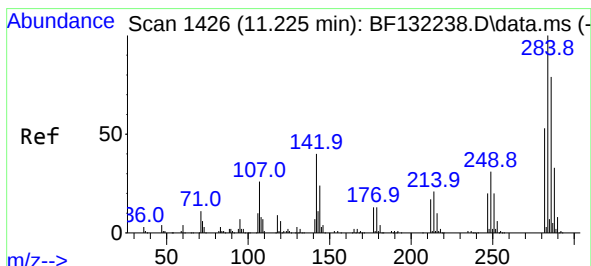
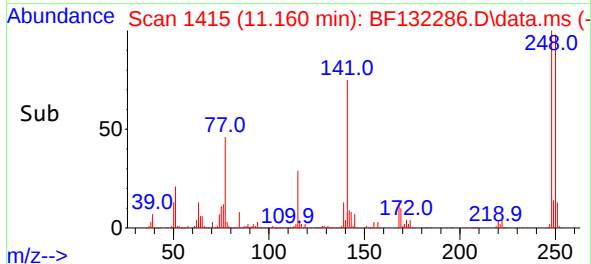
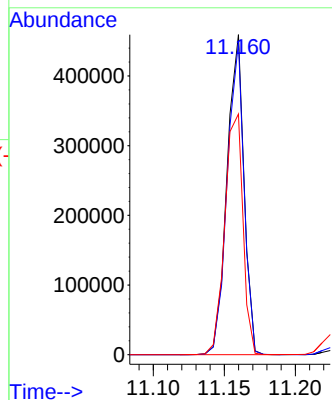
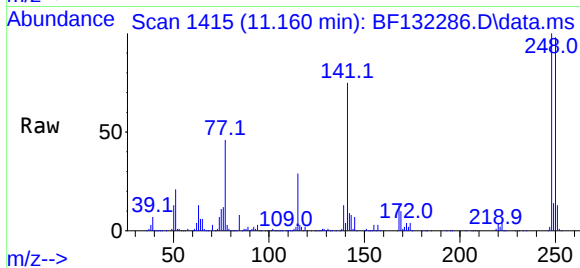
PB150609BS

Tgt Ion:248 Resp: 38048
Ion Ratio Lower Upper
248 100
250 97.6 78.6 117.8
141 75.2 61.6 92.4

Manual Integrations

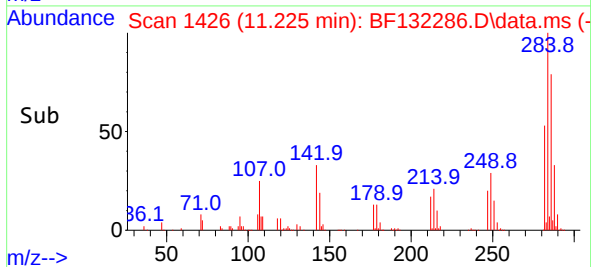
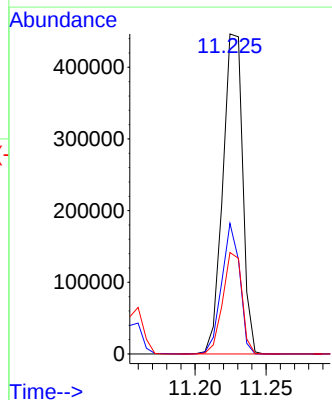
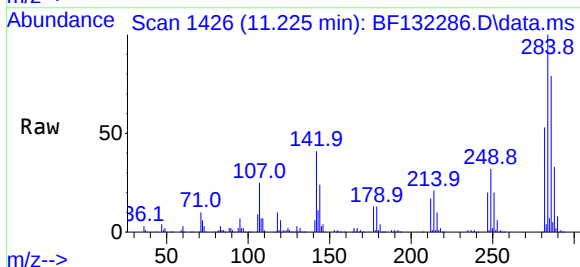
APPROVED

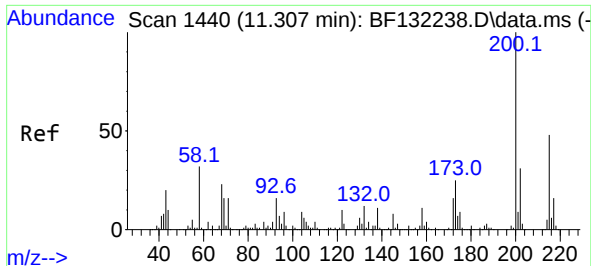
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#68
Hexachlorobenzene
Concen: 49.668 ng
RT: 11.225 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42

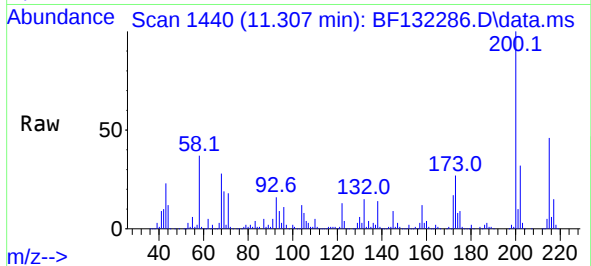
Tgt Ion:284 Resp: 433203
Ion Ratio Lower Upper
284 100
142 40.8 32.2 48.4
249 31.7 25.0 37.6





#69
Atrazine
Concen: 52.305 ng
RT: 11.307 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42

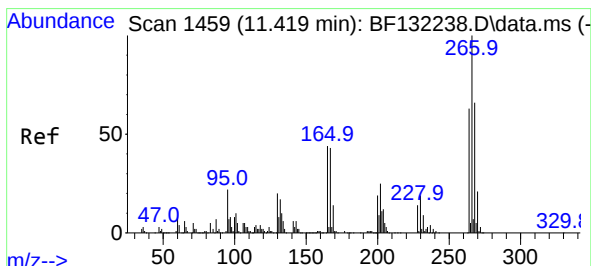
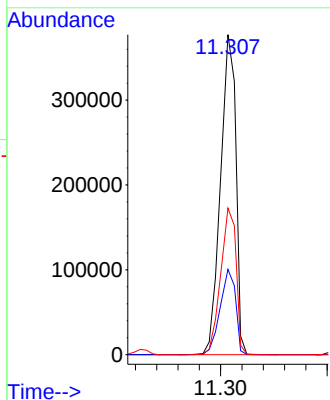
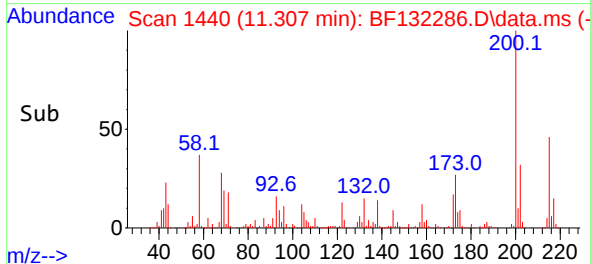
Instrument :
BNA_F
ClientSampleId :
PB150609BS



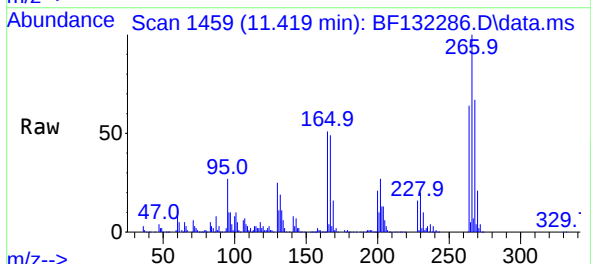
Tgt Ion:200 Resp: 375425
Ion Ratio Lower Upper
200 100
173 26.7 5.1 45.1
215 45.8 27.6 67.6

Manual Integrations
APPROVED

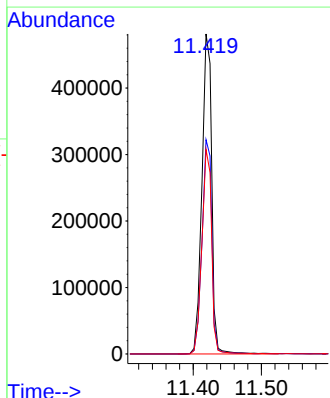
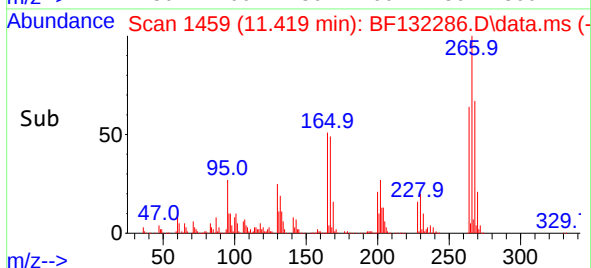
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

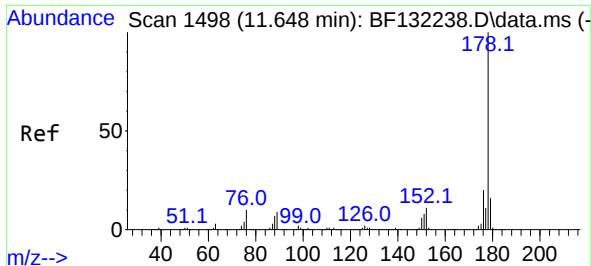


#70
Pentachlorophenol
Concen: 80.424 ng
RT: 11.419 min Scan# 1459
Delta R.T. -0.000 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42



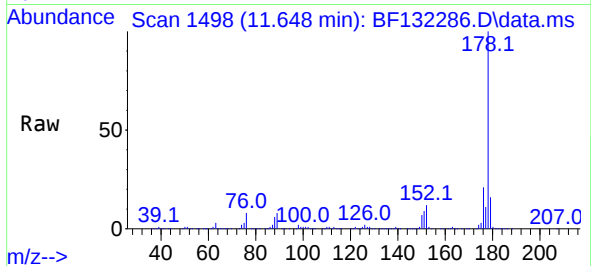
Tgt Ion:266 Resp: 481967
Ion Ratio Lower Upper
266 100
268 67.0 53.0 79.4
264 63.9 50.5 75.7





#71
Phenanthrene
Concen: 41.658 ng
RT: 11.648 min Scan# 1498
Delta R.T. -0.000 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42

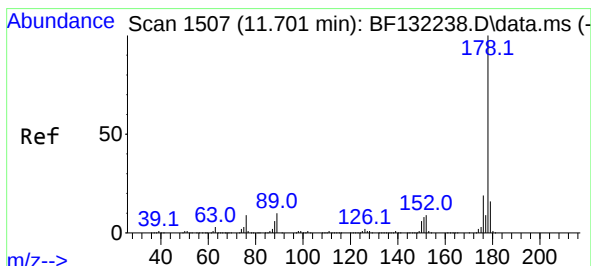
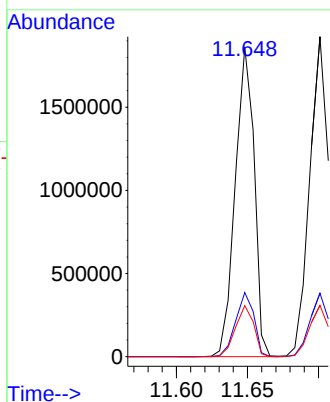
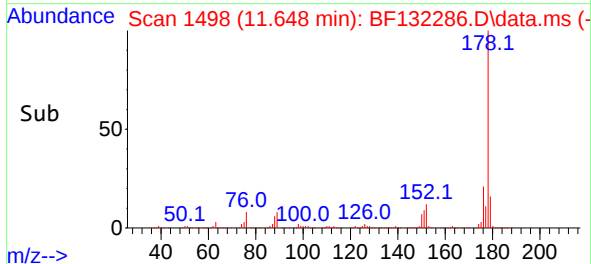
Instrument :
BNA_F
ClientSampleId :
PB150609BS



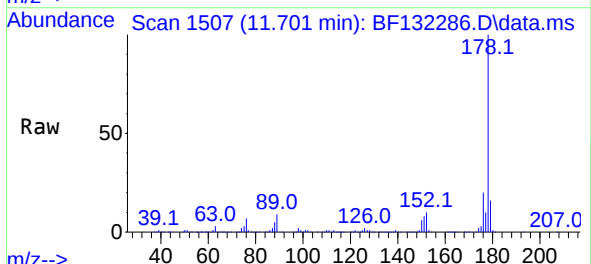
Tgt Ion:178 Resp: 1734768
Ion Ratio Lower Upper
178 100
176 20.7 16.2 24.4
179 16.5 12.8 19.2

Manual Integrations
APPROVED

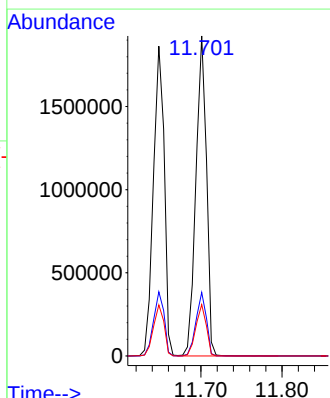
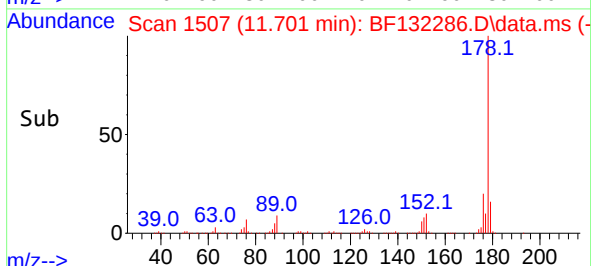
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

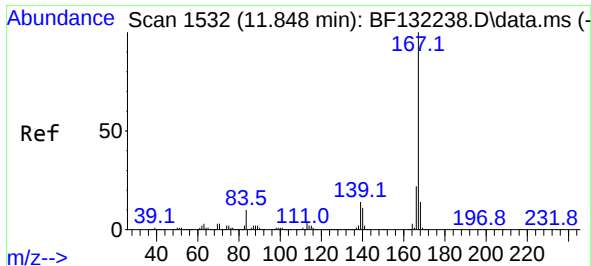


#72
Anthracene
Concen: 41.342 ng
RT: 11.701 min Scan# 1507
Delta R.T. -0.000 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42



Tgt Ion:178 Resp: 1752059
Ion Ratio Lower Upper
178 100
176 19.9 15.4 23.2
179 16.0 12.8 19.2





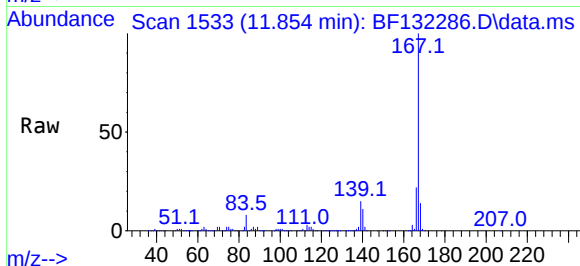
#73
 Carbazole
 Concen: 40.593 ng
 RT: 11.854 min Scan# 1533
 Delta R.T. 0.006 min
 Lab File: BF132286.D
 Acq: 02 Feb 2023 11:42

Instrument :

BNA_F

ClientSampleId :

PB150609BS

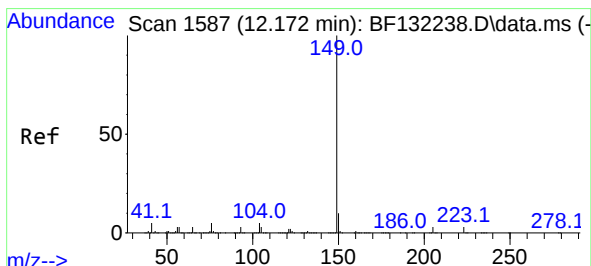
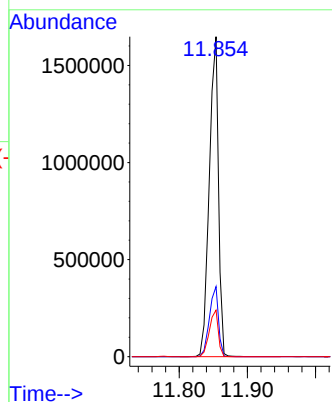
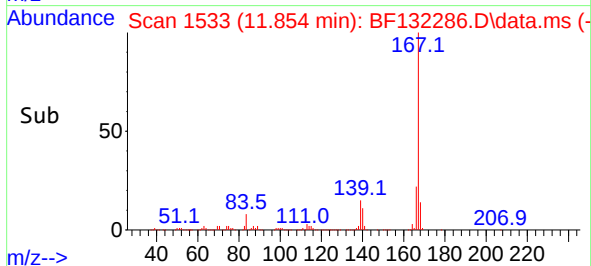


Tgt Ion:167 Resp: 1542511
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.0
 139 14.5 11.4 17.2

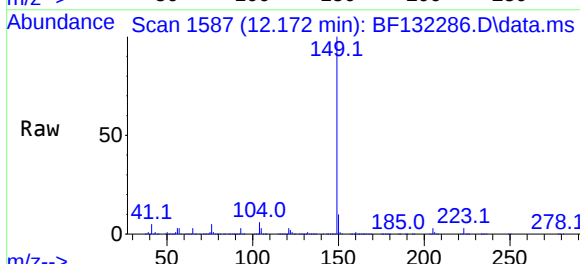
Manual Integrations

APPROVED

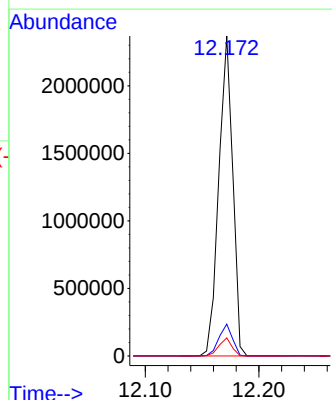
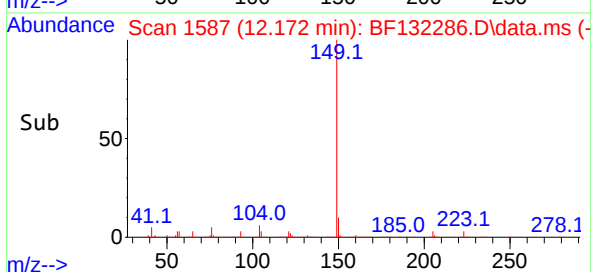
Reviewed By :Christian Giraldo 02/03/2023
 Supervised By :Jagrut Upadhyay 02/03/2023

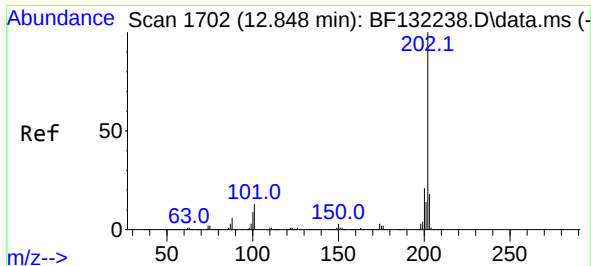


#74
 Di-n-butylphthalate
 Concen: 44.972 ng
 RT: 12.172 min Scan# 1587
 Delta R.T. -0.000 min
 Lab File: BF132286.D
 Acq: 02 Feb 2023 11:42



Tgt Ion:149 Resp: 2020344
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.8 11.8
 104 5.7 4.3 6.5





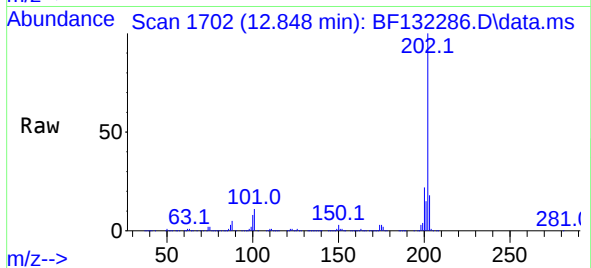
#75
Fluoranthene
Concen: 39.271 ng
RT: 12.848 min Scan# 1702
Delta R.T. -0.000 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42

Instrument :

BNA_F

ClientSampleId :

PB150609BS

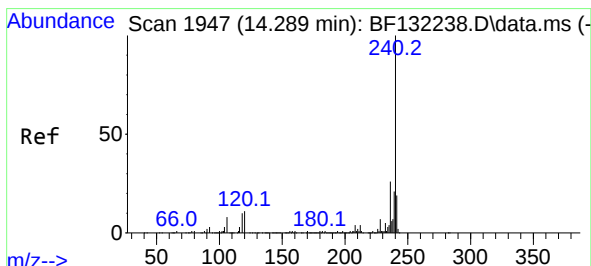
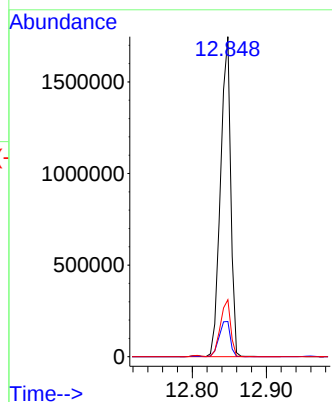


Tgt Ion:202 Resp: 1668838
Ion Ratio Lower Upper
202 100
101 11.0 0.0 32.7
203 17.8 0.0 37.9

Manual Integrations

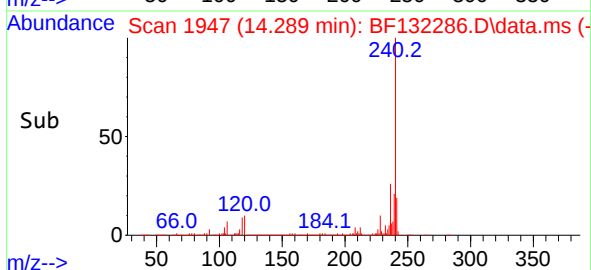
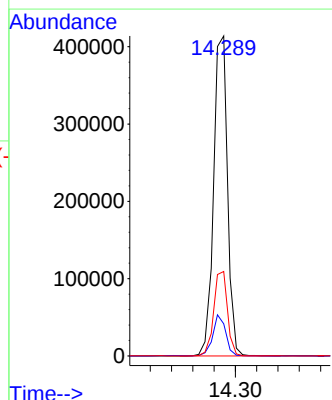
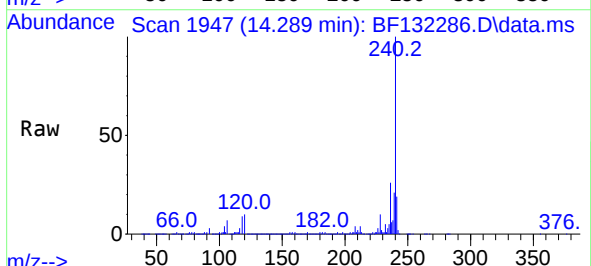
APPROVED

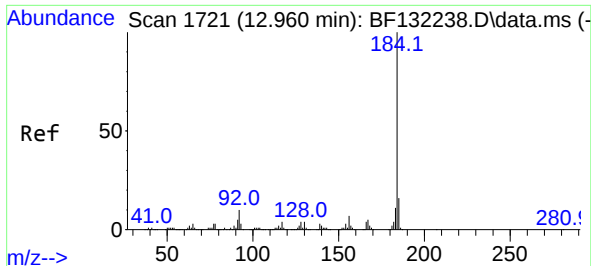
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.289 min Scan# 1947
Delta R.T. -0.000 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42

Tgt Ion:240 Resp: 375143
Ion Ratio Lower Upper
240 100
120 10.0 8.8 13.2
236 26.4 21.0 31.6





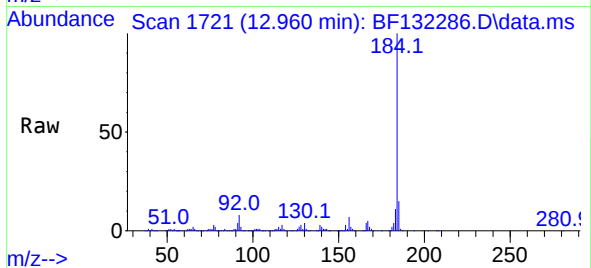
#77
Benzidine
Concen: 38.304 ng
RT: 12.960 min Scan# 1721
Delta R.T. -0.000 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42

Instrument :

BNA_F

ClientSampleId :

PB150609BS

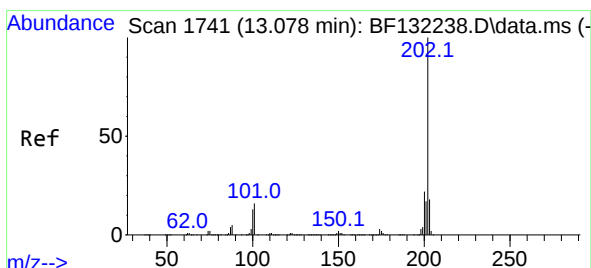
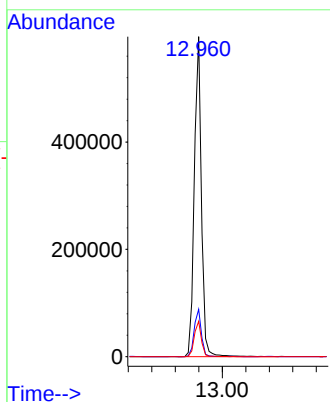
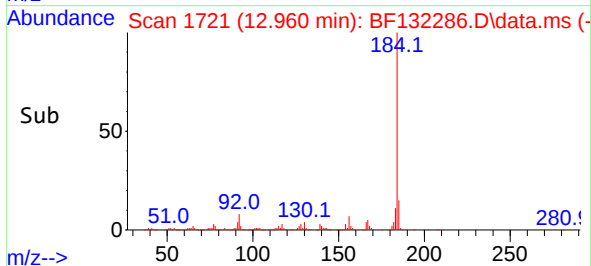


Tgt Ion:184 Resp: 502375
Ion Ratio Lower Upper
184 100
185 14.8 12.6 18.8
183 11.1 8.9 13.3

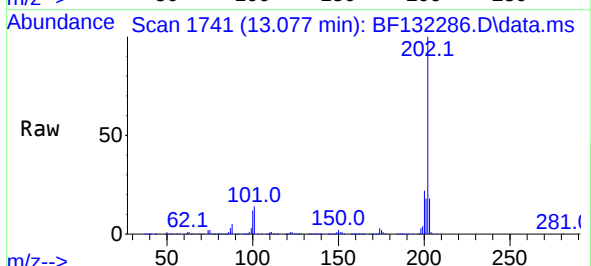
Manual Integrations

APPROVED

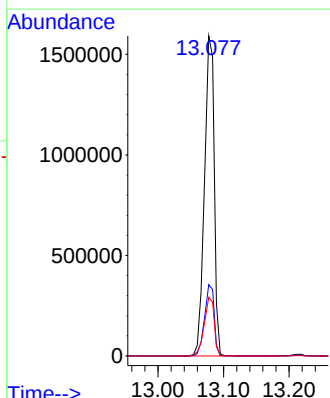
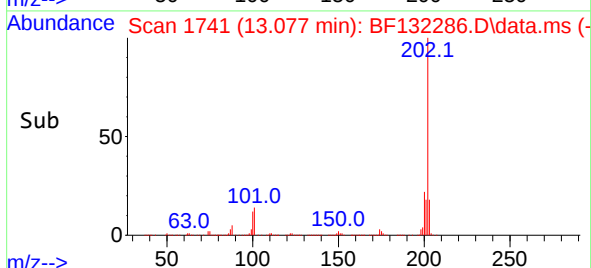
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

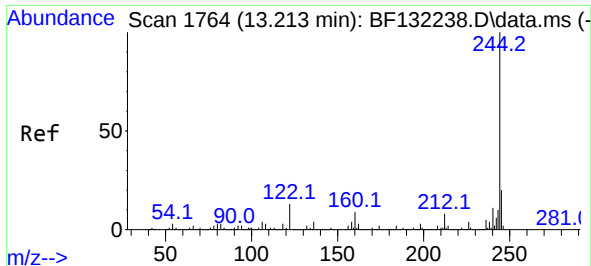


#78
Pyrene
Concen: 54.701 ng
RT: 13.077 min Scan# 1741
Delta R.T. -0.000 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42



Tgt Ion:202 Resp: 1650508
Ion Ratio Lower Upper
202 100
200 22.3 17.3 25.9
203 18.3 14.4 21.6





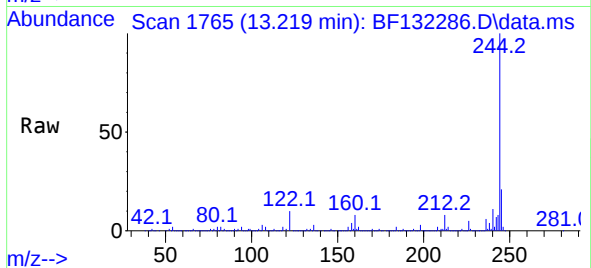
#79
Terphenyl-d14
Concen: 119.145 ng
RT: 13.219 min Scan# 1764
Delta R.T. 0.006 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42

Instrument :

BNA_F

ClientSampleId :

PB150609BS

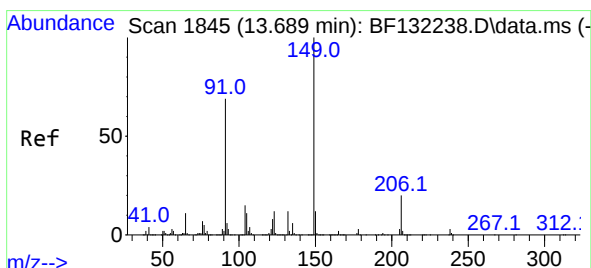
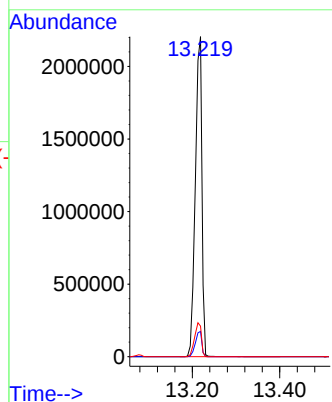
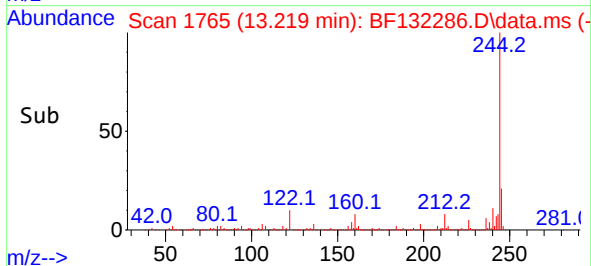


Tgt Ion:244 Resp: 2310590
Ion Ratio Lower Upper
244 100
212 7.9 6.4 9.6
122 9.6 10.5 15.7

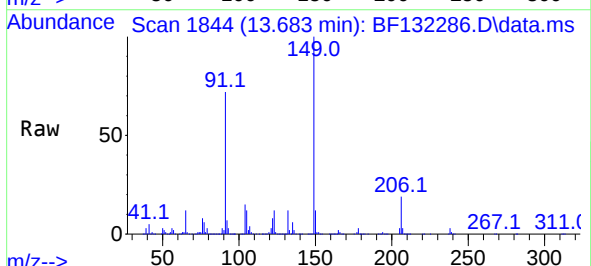
Manual Integrations

APPROVED

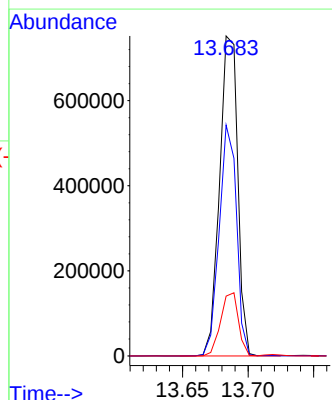
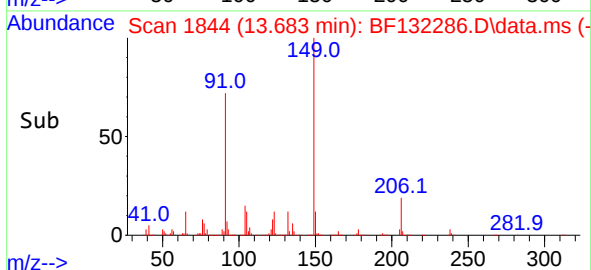
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

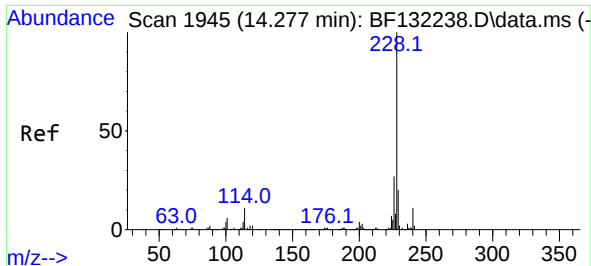


#80
Butylbenzylphthalate
Concen: 54.333 ng
RT: 13.683 min Scan# 1844
Delta R.T. -0.006 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42



Tgt Ion:149 Resp: 724309
Ion Ratio Lower Upper
149 100
91 72.1 55.0 82.6
206 18.7 15.9 23.9





#81

Benzo(a)anthracene

Concen: 44.927 ng

RT: 14.277 min Scan# 1945

Delta R.T. -0.000 min

Lab File: BF132286.D

Acq: 02 Feb 2023 11:42

Instrument :

BNA_F

ClientSampleId :

PB150609BS

Tgt Ion:228 Resp: 117880

Ion Ratio Lower Upper

228 100

226 27.8 22.0 33.0

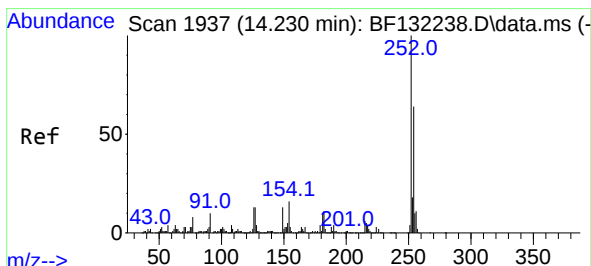
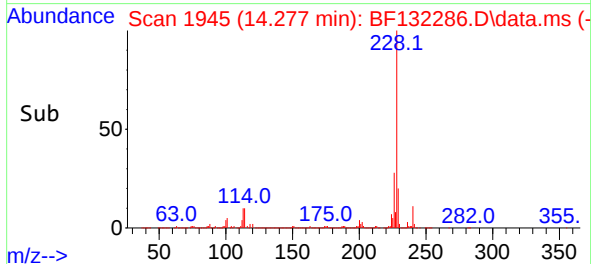
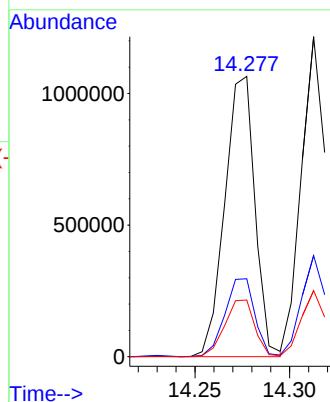
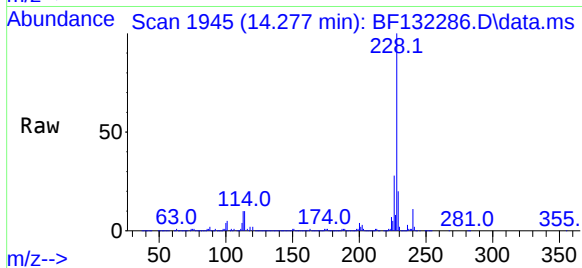
229 20.2 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/03/2023

Supervised By :Jagrut Upadhyay 02/03/2023



#82

3,3'-Dichlorobenzidine

Concen: 27.608 ng

RT: 14.230 min Scan# 1937

Delta R.T. -0.000 min

Lab File: BF132286.D

Acq: 02 Feb 2023 11:42

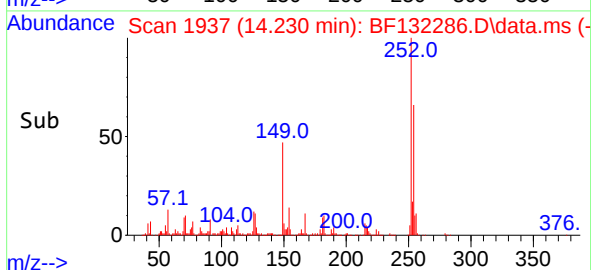
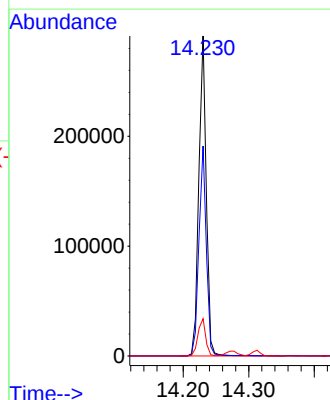
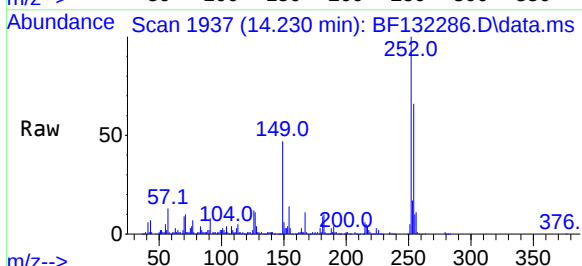
Tgt Ion:252 Resp: 230715

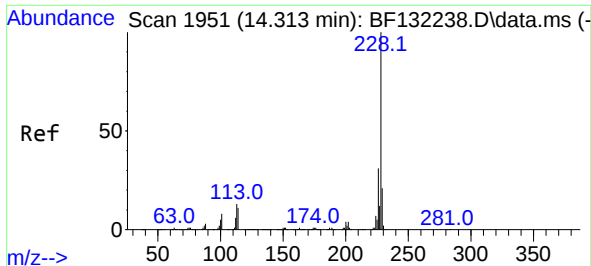
Ion Ratio Lower Upper

252 100

254 65.6 51.6 77.4

126 11.7 10.5 15.7





#83
Chrysene
Concen: 43.739 ng
RT: 14.313 min Scan# 1951
Delta R.T. -0.000 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42

Instrument :

BNA_F

ClientSampleId :

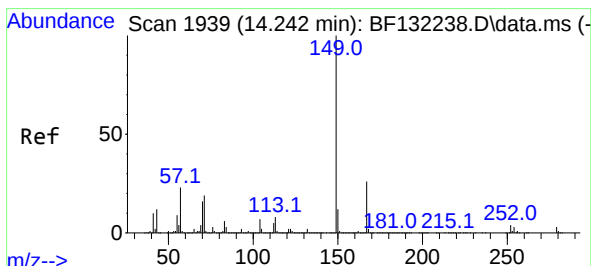
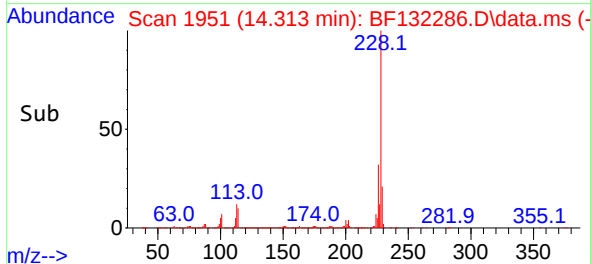
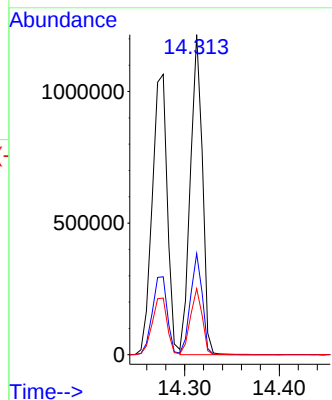
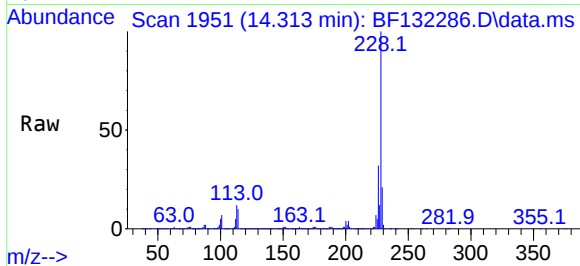
PB150609BS

Tgt Ion:228 Resp: 1074600
Ion Ratio Lower Upper
228 100
226 31.6 24.9 37.3
229 20.7 16.4 24.6

Manual Integrations

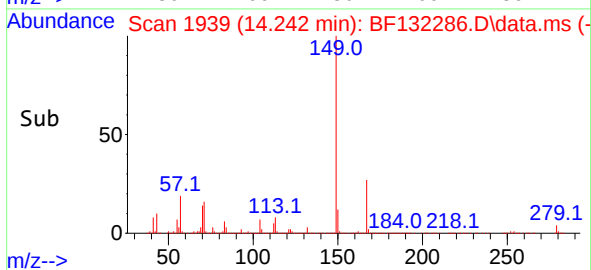
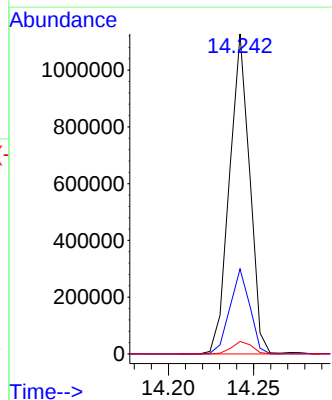
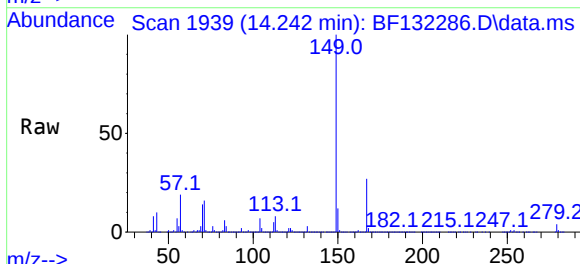
APPROVED

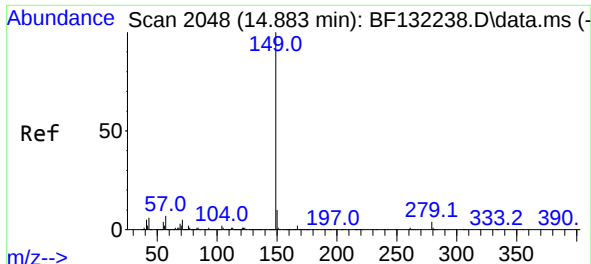
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 51.595 ng
RT: 14.242 min Scan# 1939
Delta R.T. -0.000 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42

Tgt Ion:149 Resp: 929687
Ion Ratio Lower Upper
149 100
167 26.5 20.7 31.1
279 3.9 2.7 4.1





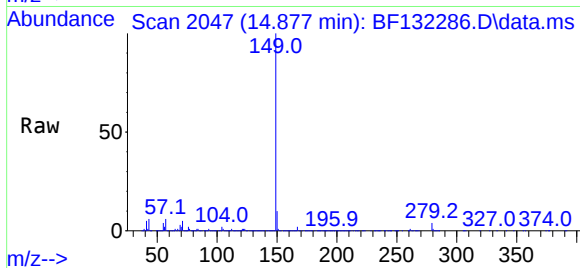
#85
Di-n-octyl phthalate
Concen: 46.108 ng
RT: 14.877 min Scan# 2047
Delta R.T. -0.006 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42

Instrument :

BNA_F

ClientSampleId :

PB150609BS

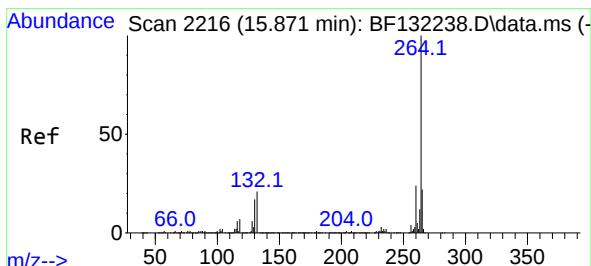
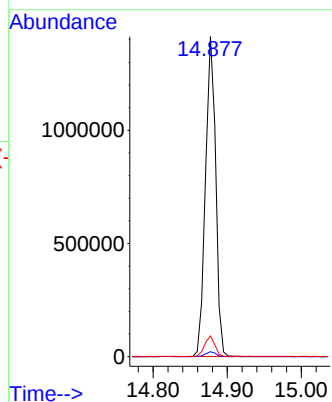
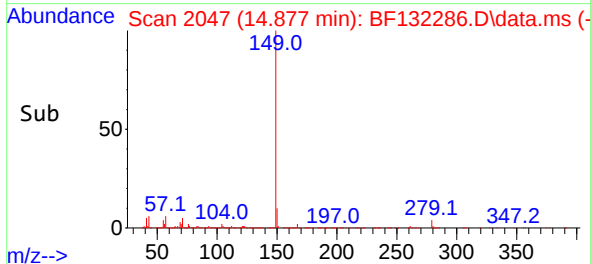


Tgt Ion:149 Resp: 135510
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 6.4 5.9 8.9

Manual Integrations

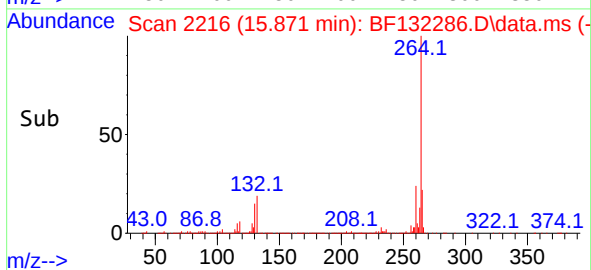
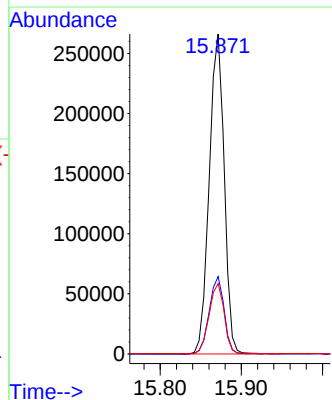
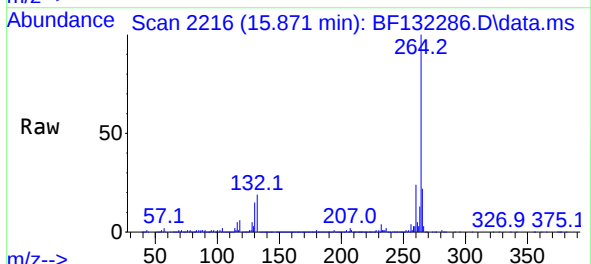
APPROVED

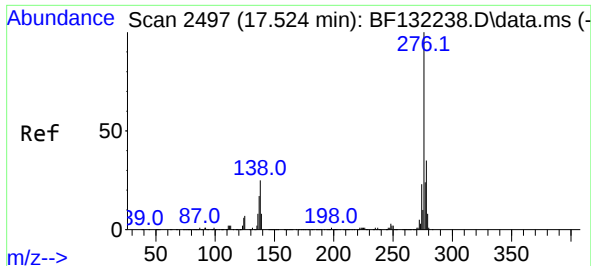
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.871 min Scan# 2216
Delta R.T. -0.000 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42

Tgt Ion:264 Resp: 340324
Ion Ratio Lower Upper
264 100
260 24.2 19.0 28.4
265 22.0 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 53.522 ng
RT: 17.530 min Scan# 2498
Delta R.T. 0.006 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42

Instrument :

BNA_F

ClientSampleId :

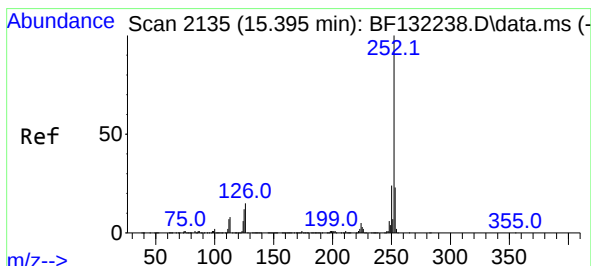
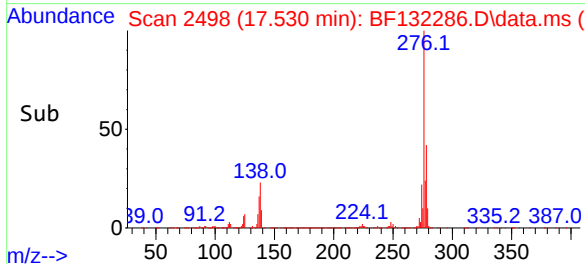
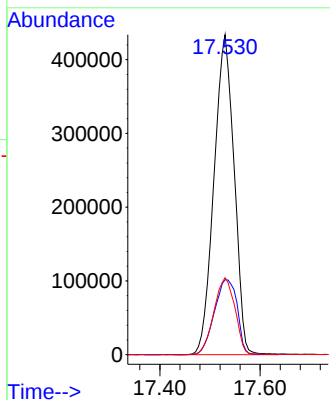
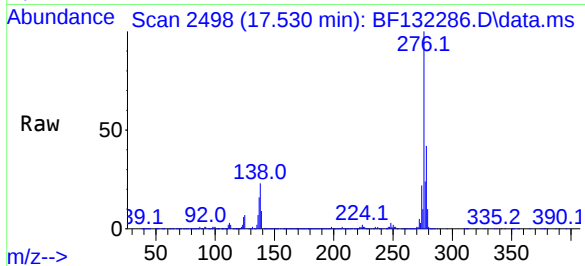
PB150609BS

Tgt Ion:276 Resp: 1210314
Ion Ratio Lower Upper
276 100
138 26.6 23.3 34.9
277 25.1 20.0 30.0

Manual Integrations

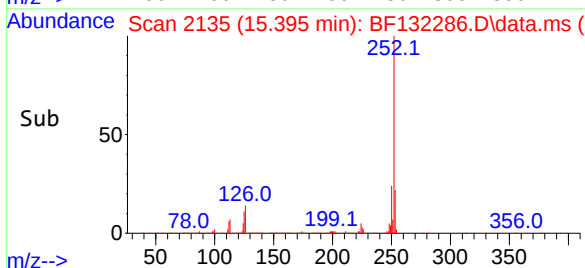
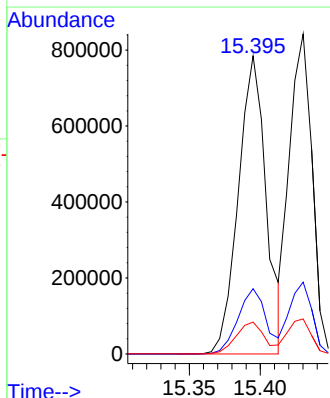
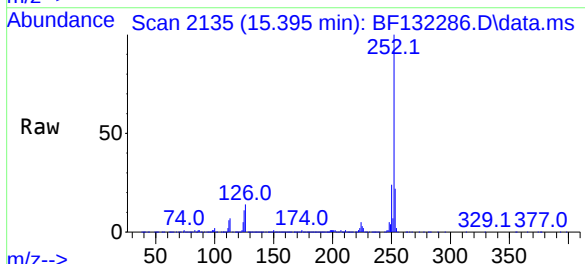
APPROVED

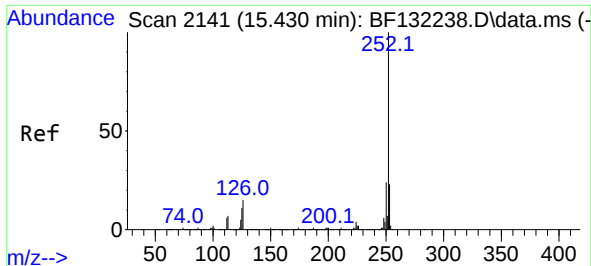
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#88
Benzo(b)fluoranthene
Concen: 49.560 ng
RT: 15.395 min Scan# 2135
Delta R.T. -0.000 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42

Tgt Ion:252 Resp: 1072115
Ion Ratio Lower Upper
252 100
253 21.9 18.1 27.1
125 10.7 9.6 14.4





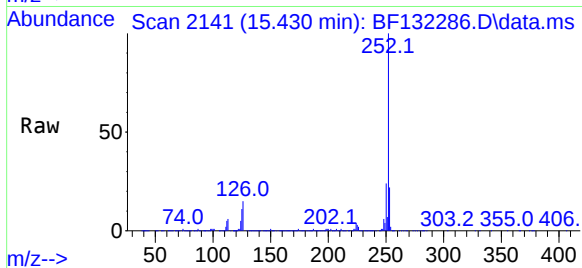
#89
Benzo(k)fluoranthene
Concen: 45.531 ng
RT: 15.430 min Scan# 2141
Delta R.T. -0.000 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42

Instrument :

BNA_F

ClientSampleId :

PB150609BS

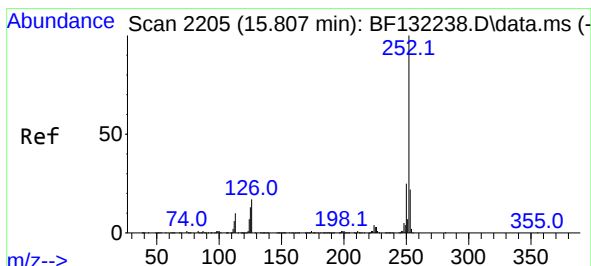
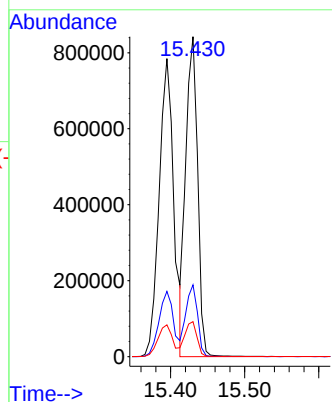
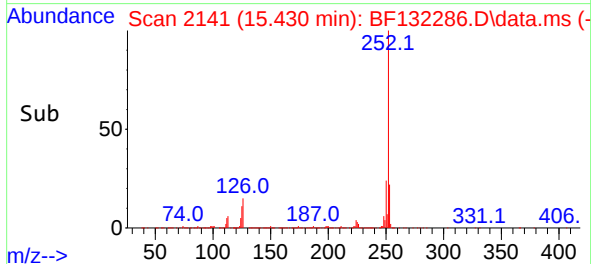


Tgt Ion:252 Resp: 94016
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.2
125 10.9 9.0 13.6

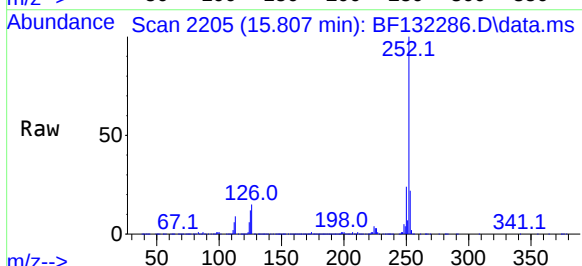
Manual Integrations

APPROVED

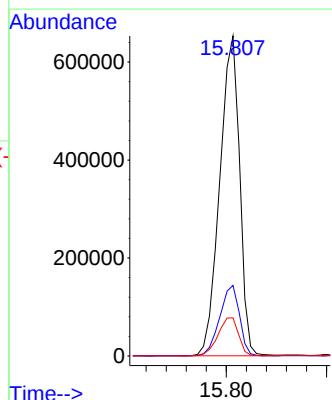
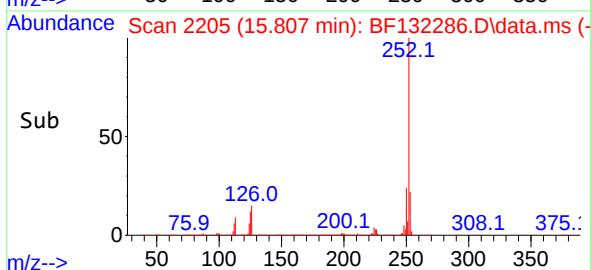
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

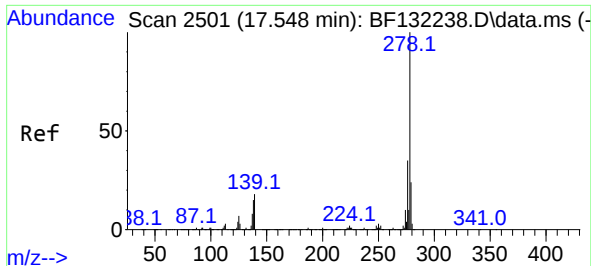


#90
Benzo(a)pyrene
Concen: 44.608 ng
RT: 15.807 min Scan# 2205
Delta R.T. -0.000 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42



Tgt Ion:252 Resp: 898585
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 11.9 10.2 15.4





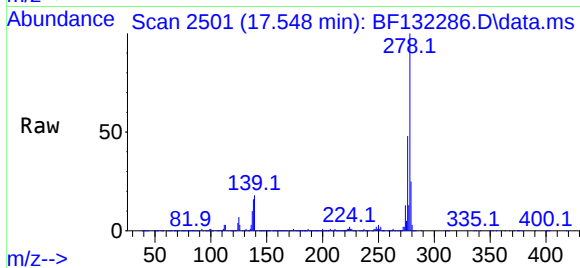
#91
Dibenzo(a,h)anthracene
Concen: 54.783 ng
RT: 17.548 min Scan# 2501
Delta R.T. -0.000 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42

Instrument :

BNA_F

ClientSampleId :

PB150609BS

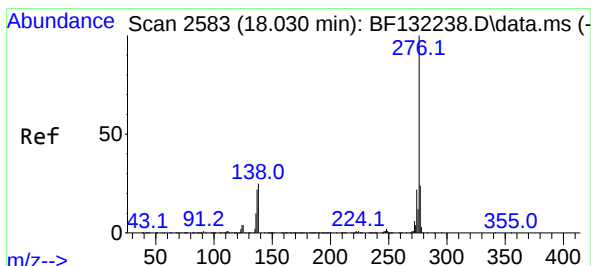
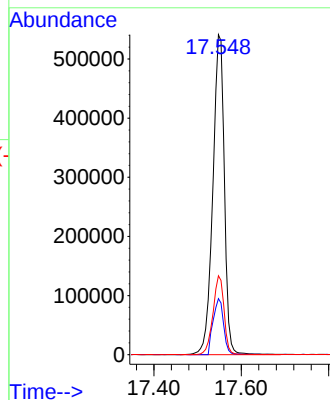
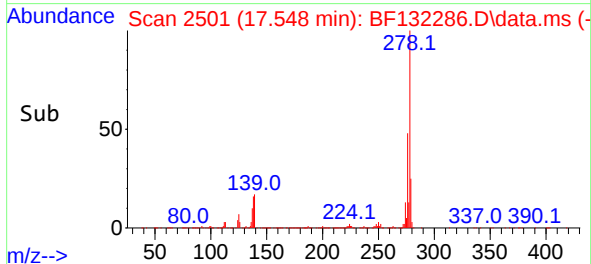


Tgt Ion:278 Resp: 996000
Ion Ratio Lower Upper
278 100
139 17.5 14.2 21.2
279 24.6 19.6 29.4

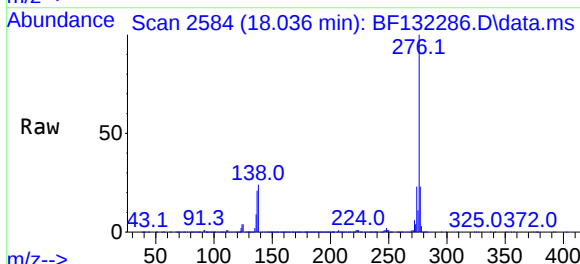
Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#92
Benzo(g,h,i)perylene
Concen: 53.584 ng
RT: 18.036 min Scan# 2584
Delta R.T. 0.006 min
Lab File: BF132286.D
Acq: 02 Feb 2023 11:42



Tgt Ion:276 Resp: 1006450
Ion Ratio Lower Upper
276 100
277 23.4 19.4 29.2
138 23.8 20.3 30.5

