

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042523\
 Data File : BF133030.D
 Acq On : 25 Apr 2023 14:09
 Operator : CG\JU
 Sample : PB152323BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152323BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/26/2023
 Supervised By : Jagrut Upadhyay 04/26/2023

Quant Time: Apr 25 14:36:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 22 03:30:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	249329	20.000	ng	0.00
21) Naphthalene-d8	8.033	136	963853	20.000	ng	0.00
39) Acenaphthene-d10	9.786	164	526512	20.000	ng	0.00
64) Phenanthrene-d10	11.263	188	928554	20.000	ng	0.00
76) Chrysene-d12	13.904	240	585097	20.000	ng	0.00
86) Perylene-d12	15.321	264	493951	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1652769	100.136	ng	0.02
7) Phenol-d6	6.392	99	2023276	98.762	ng	0.00
23) Nitrobenzene-d5	7.316	82	1209968	67.760	ng	0.00
42) 2,4,6-Tribromophenol	10.574	330	556170	105.035	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	2169863	68.948	ng	0.00
79) Terphenyl-d14	12.851	244	2352971	69.358	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.534	88	312664	40.841	ng	97
3) Pyridine	3.228	79	765291	37.637	ng	97
4) n-Nitrosodimethylamine	3.193	42	417507	39.642	ng	96
6) Aniline	6.410	93	879207	33.321	ng	# 17
8) 2-Chlorophenol	6.534	128	734980	43.858	ng	100
9) Benzaldehyde	6.287	77	409813	45.447	ng	97
10) Phenol	6.410	94	912666	40.383	ng	77
11) bis(2-Chloroethyl)ether	6.487	93	725911	42.803	ng	99
12) 1,3-Dichlorobenzene	6.686	146	785953	44.113	ng	100
13) 1,4-Dichlorobenzene	6.763	146	783647	43.886	ng	98
14) 1,2-Dichlorobenzene	6.916	146	732903	44.519	ng	97
15) Benzyl Alcohol	6.892	79	571042	40.353	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.028	45	1206510	40.959	ng	95
17) 2-Methylphenol	7.010	107	653026	42.556	ng	98
18) Hexachloroethane	7.257	117	268856	43.307	ng	95
19) n-Nitroso-di-n-propyla...	7.169	70	499753	39.184	ng	98
20) 3+4-Methylphenols	7.169	107	725830	40.165	ng	# 75
22) Acetophenone	7.157	105	997046	44.656	ng	# 96
24) Nitrobenzene	7.334	77	753058	41.618	ng	98
25) Isophorone	7.575	82	1418961	41.852	ng	99
26) 2-Nitrophenol	7.651	139	408869	46.848	ng	90
27) 2,4-Dimethylphenol	7.692	122	669527	44.738	ng	97
28) bis(2-Chloroethoxy)met...	7.786	93	842695	42.015	ng	99
29) 2,4-Dichlorophenol	7.898	162	606622	44.527	ng	96
30) 1,2,4-Trichlorobenzene	7.975	180	627260	44.442	ng	100
31) Naphthalene	8.057	128	2012219	41.756	ng	99
32) Benzoic acid	7.833	122	515718	55.789	ng	99
33) 4-Chloroaniline	8.098	127	332556	17.080	ng	97
34) Hexachlorobutadiene	8.175	225	346262	44.264	ng	98
35) Caprolactam	8.486	113	223331m	48.797	ng	
36) 4-Chloro-3-methylphenol	8.592	107	694862	47.297	ng	99
37) 2-Methylnaphthalene	8.745	142	1384445	42.022	ng	98
38) 1-Methylnaphthalene	8.845	142	1375093	44.616	ng	100
40) 1,2,4,5-Tetrachloroben...	8.916	216	578300	40.851	ng	99
41) Hexachlorocyclopentadiene	8.904	237	798027	96.659	ng	99
43) 2,4,6-Trichlorophenol	9.022	196	421979	43.102	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.069	196	455141	40.198	ng	95
46) 1,1'-Biphenyl	9.210	154	1687064	40.409	ng	99
47) 2-Chloronaphthalene	9.233	162	1284490	42.034	ng	99
48) 2-Nitroaniline	9.328	65	413564	40.949	ng	97
49) Acenaphthylene	9.645	152	1997660	40.913	ng	100
50) Dimethylphthalate	9.516	163	1509115	41.106	ng	99
51) 2,6-Dinitrotoluene	9.575	165	362590	43.881	ng	# 83
52) Acenaphthene	9.822	154	1462247m	44.714	ng	
53) 3-Nitroaniline	9.739	138	281683	28.670	ng	98
54) 2,4-Dinitrophenol	9.845	184	432472	104.124	ng	98
55) Dibenzofuran	9.992	168	1783053	39.971	ng	98
56) 4-Nitrophenol	9.910	139	670401	88.099	ng	91
57) 2,4-Dinitrotoluene	9.975	165	466766	44.295	ng	97
58) Fluorene	10.333	166	1303518	39.884	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.110	232	396325	45.150	ng	95
60) Diethylphthalate	10.216	149	1426444	41.135	ng	98
61) 4-Chlorophenyl-phenyle...	10.327	204	634649	39.848	ng	100
62) 4-Nitroaniline	10.357	138	408604	45.249	ng	98
63) Azobenzene	10.486	77	1454655	39.599	ng	99
65) 4,6-Dinitro-2-methylph...	10.386	198	275585	48.965	ng	98
66) n-Nitrosodiphenylamine	10.445	169	1205458	40.022	ng	99
67) 4-Bromophenyl-phenylether	10.816	248	418538	41.560	ng	99
68) Hexachlorobenzene	10.880	284	458679	44.449	ng	99
69) Atrazine	10.980	200	413251	47.616	ng	98
70) Pentachlorophenol	11.074	266	568034	77.290	ng	98
71) Phenanthrene	11.292	178	1987717	39.828	ng	99
72) Anthracene	11.345	178	2053896	40.214	ng	99
73) Carbazole	11.498	167	1868427	41.084	ng	99
74) Di-n-butylphthalate	11.833	149	2202684	42.799	ng	99
75) Fluoranthene	12.474	202	2035294	40.635	ng	99
77) Benzidine	12.598	184	1097535	110.926	ng	# 93
78) Pyrene	12.704	202	2112061	42.110	ng	99
80) Butylbenzylphthalate	13.327	149	900770	50.722	ng	94
81) Benzo(a)anthracene	13.892	228	1641423	40.796	ng	99
82) 3,3'-Dichlorobenzidine	13.857	252	377870	33.996	ng	100
83) Chrysene	13.933	228	1647233	40.950	ng	99
84) Bis(2-ethylhexyl)phtha...	13.892	149	983567	44.124	ng	99
85) Di-n-octyl phthalate	14.504	149	1670601	45.963	ng	98
87) Indeno(1,2,3-cd)pyrene	16.709	276	1392224	49.551	ng	100
88) Benzo(b)fluoranthene	14.921	252	1470564	46.797	ng	99
89) Benzo(k)fluoranthene	14.945	252	1269497	40.753	ng	97
90) Benzo(a)pyrene	15.262	252	1149911	40.203	ng	99
91) Dibenzo(a,h)anthracene	16.727	278	1157837	49.408	ng	99
92) Benzo(g,h,i)perylene	17.133	276	1173816	50.736	ng	98

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

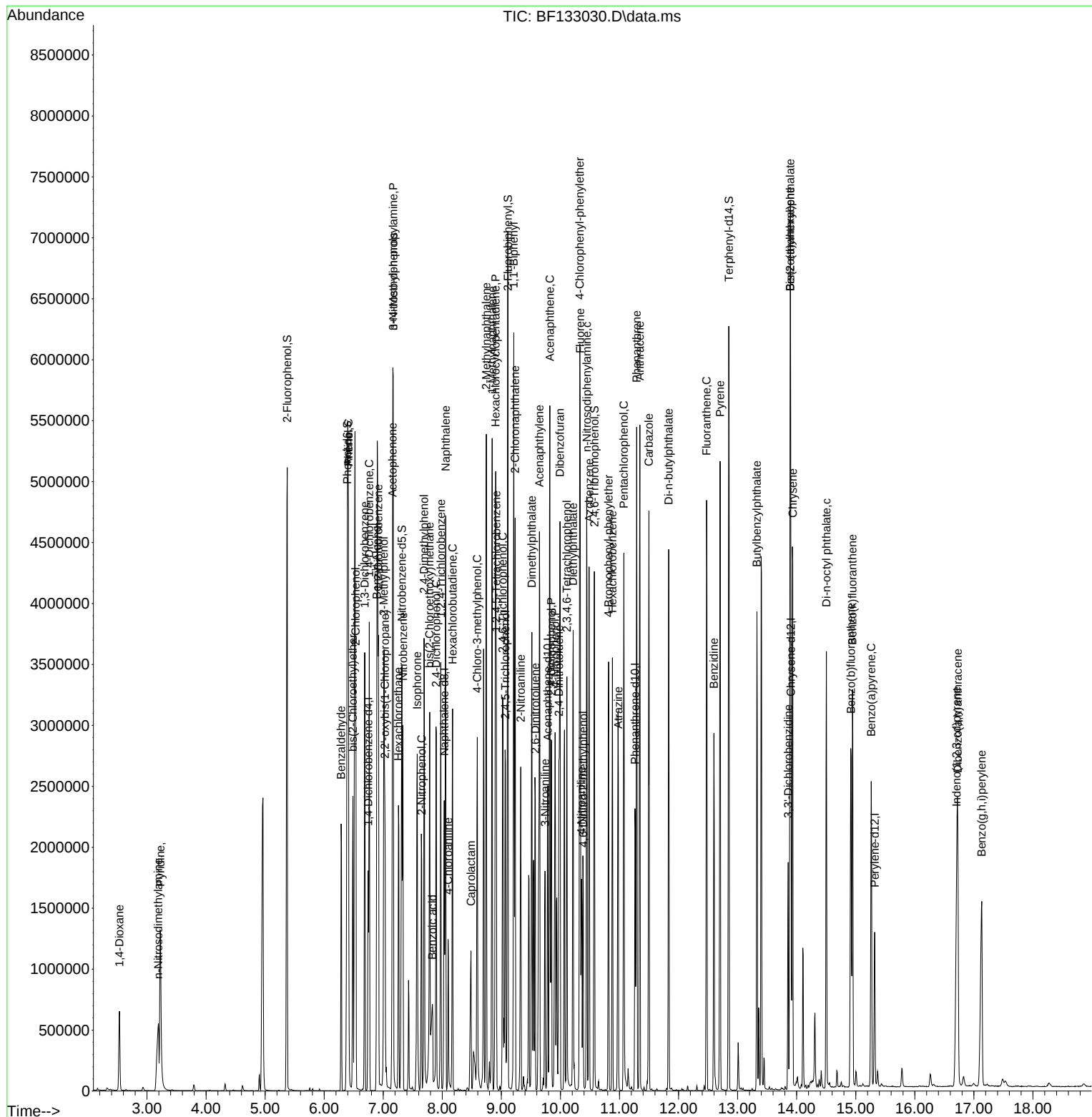
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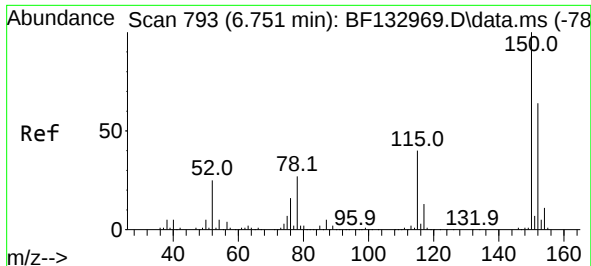
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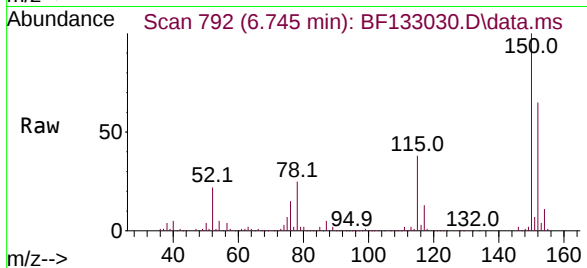
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.745 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF133030.D
Acq: 25 Apr 2023 14:09

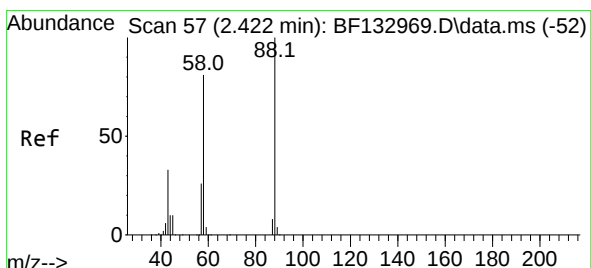
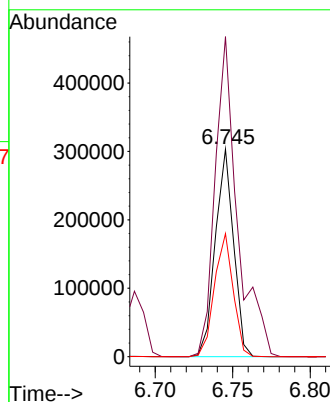
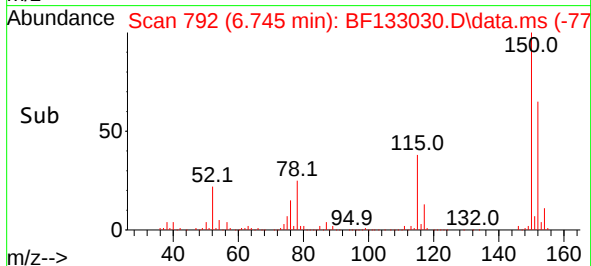
Instrument :
BNA_F
ClientSampleId :
PB152323BS



Tgt Ion:152 Resp: 249329
Ion Ratio Lower Upper
152 100
150 154.2 124.8 187.2
115 59.2 49.9 74.9

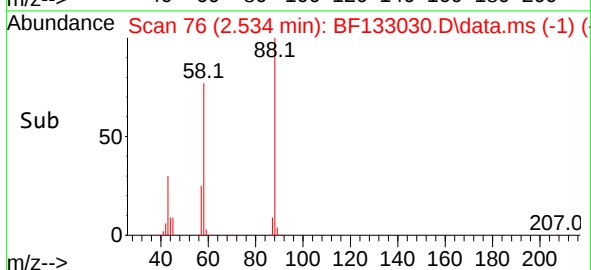
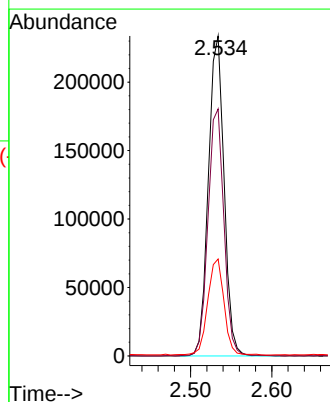
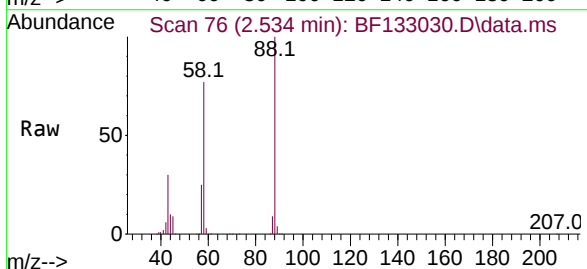
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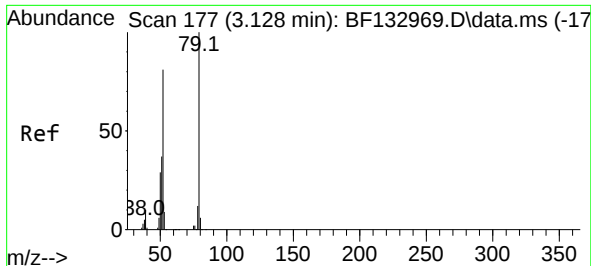
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#2
1,4-Dioxane
Concen: 40.841 ng
RT: 2.534 min Scan# 76
Delta R.T. 0.112 min
Lab File: BF133030.D
Acq: 25 Apr 2023 14:09

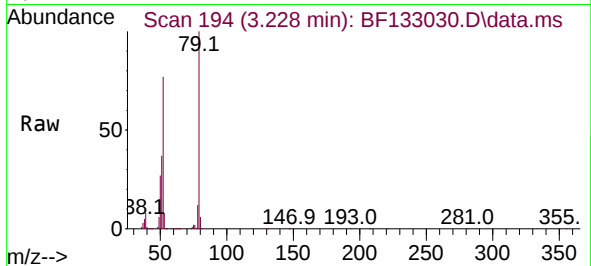
Tgt Ion: 88 Resp: 312664
Ion Ratio Lower Upper
88 100
58 78.6 64.7 97.1
43 31.2 26.2 39.2





#3
Pyridine
Concen: 37.637 ng
RT: 3.228 min Scan# 194
Delta R.T. 0.100 min
Lab File: BF133030.D
Acq: 25 Apr 2023 14:09

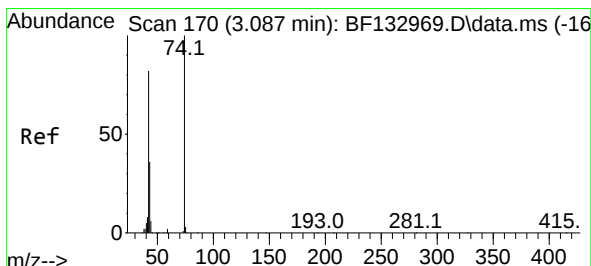
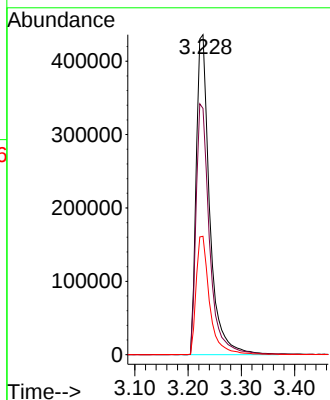
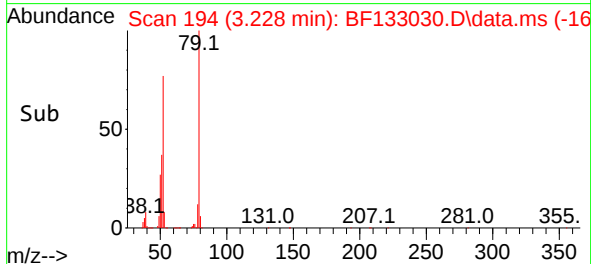
Instrument :
BNA_F
ClientSampleId :
PB152323BS



Tgt Ion: 79 Resp: 76529
Ion Ratio Lower Upper
79 100
52 76.9 64.6 96.8
51 37.0 30.0 45.0

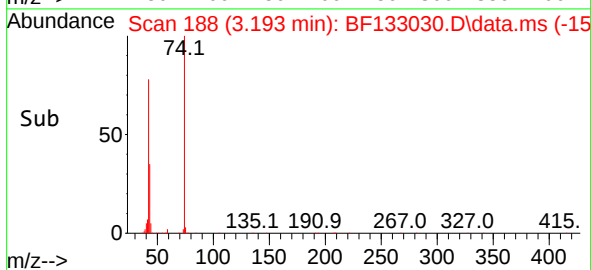
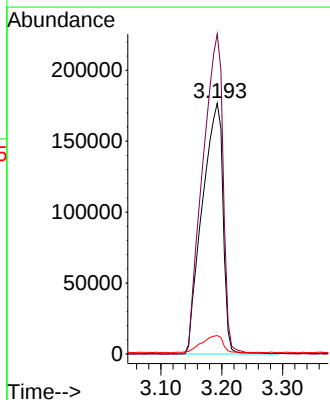
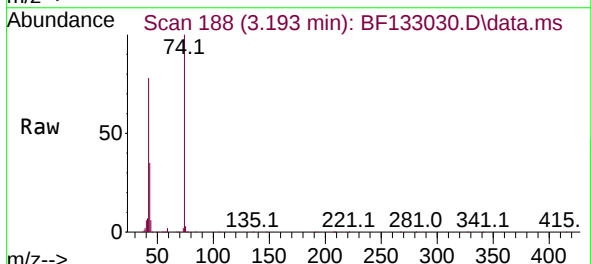
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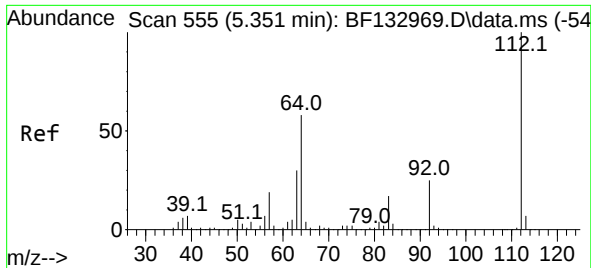
Reviewed By :Christian Giraldo 04/26/2023
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#4
n-Nitrosodimethylamine
Concen: 39.642 ng
RT: 3.193 min Scan# 188
Delta R.T. 0.106 min
Lab File: BF133030.D
Acq: 25 Apr 2023 14:09

Tgt Ion: 42 Resp: 417507
Ion Ratio Lower Upper
42 100
74 127.6 98.0 147.0
44 7.3 5.8 8.8





#5
2-Fluorophenol
Concen: 100.136 ng
RT: 5.375 min Scan# 511
Delta R.T. 0.023 min
Lab File: BF133030.D
Acq: 25 Apr 2023 14:09

Instrument :

BNA_F

ClientSampleId :

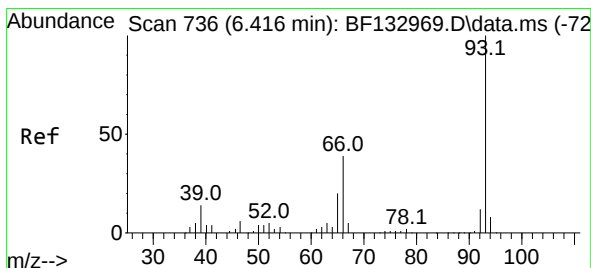
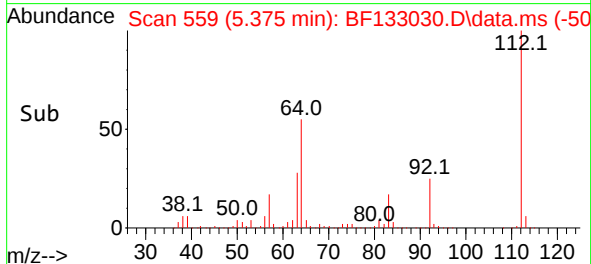
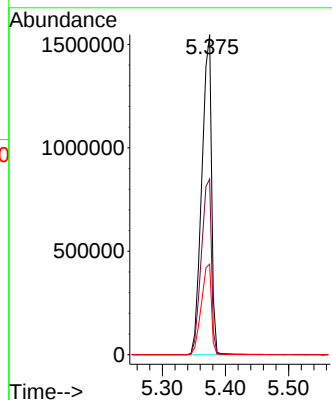
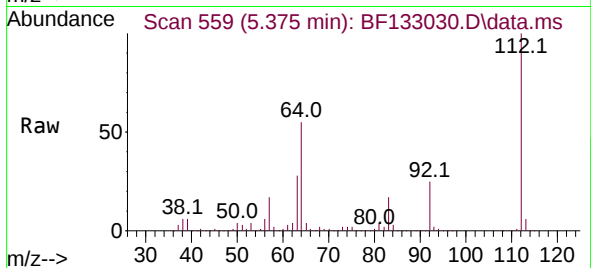
PB152323BS

Tgt Ion:112 Resp: 1652769
Ion Ratio Lower Upper
112 100
64 54.9 46.8 70.2
63 28.3 23.8 35.8

Manual Integrations

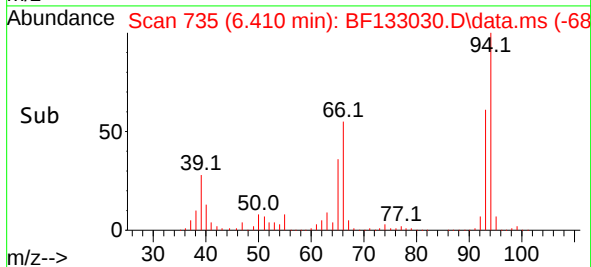
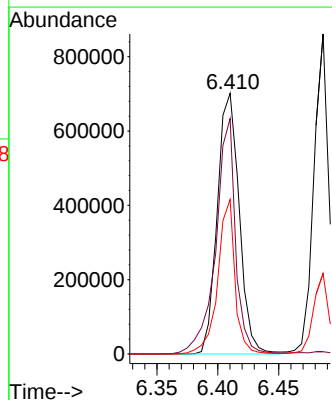
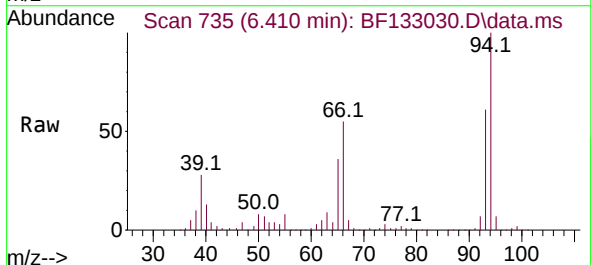
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#6
Aniline
Concen: 33.321 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF133030.D
Acq: 25 Apr 2023 14:09

Tgt Ion: 93 Resp: 879207
Ion Ratio Lower Upper
93 100
66 90.3 31.5 47.3#
65 59.3 16.4 24.6#





#7

Phenol-d6

Concen: 98.762 ng

RT: 6.392 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF133030.D

Acq: 25 Apr 2023 14:09

Instrument :

BNA_F

ClientSampleId :

PB152323BS

Tgt Ion: 99 Resp: 2023270

Ion Ratio Lower Upper

99 100

42 19.4 16.3 24.5

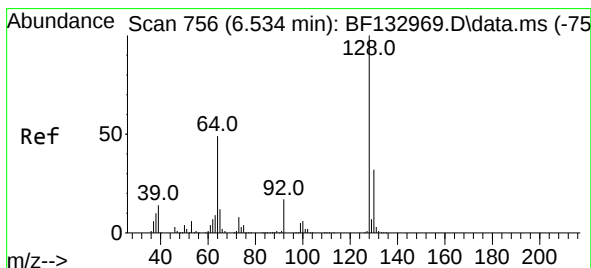
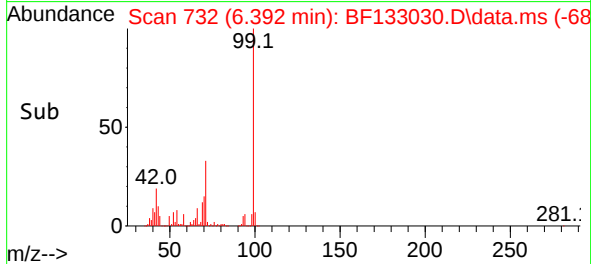
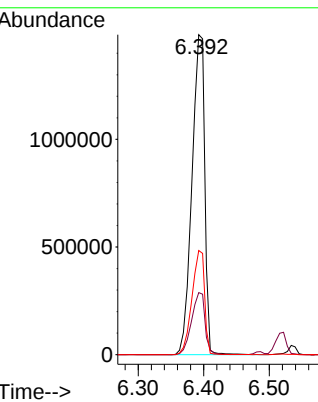
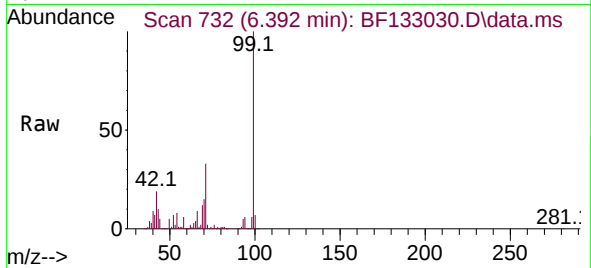
71 32.6 25.6 38.4

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#8

2-Chlorophenol

Concen: 43.858 ng

RT: 6.534 min Scan# 756

Delta R.T. -0.000 min

Lab File: BF133030.D

Acq: 25 Apr 2023 14:09

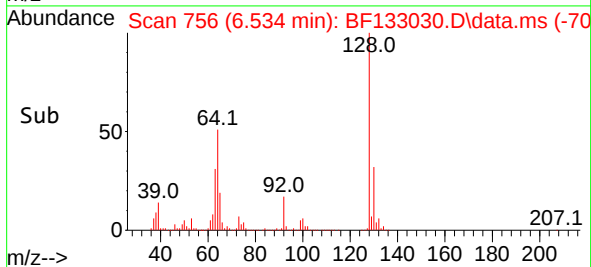
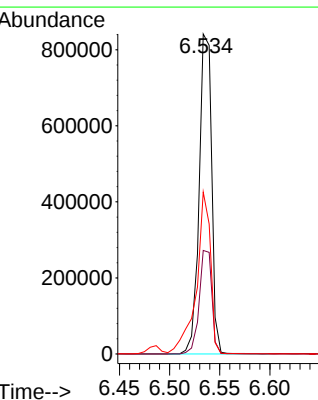
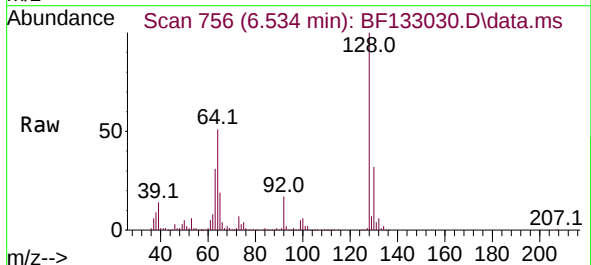
Tgt Ion:128 Resp: 734980

Ion Ratio Lower Upper

128 100

130 32.4 12.2 52.2

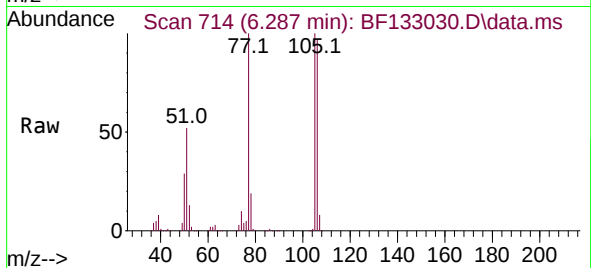
64 50.6 30.3 70.3





#9
Benzaldehyde
Concen: 45.447 ng
RT: 6.287 min Scan# 716
Delta R.T. -0.011 min
Lab File: BF133030.D
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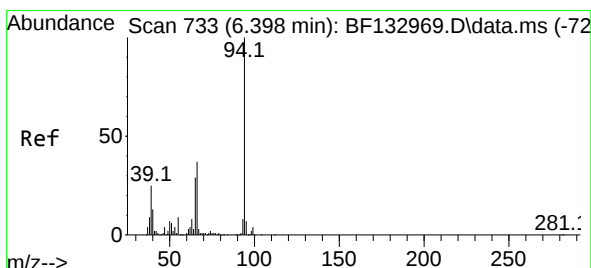
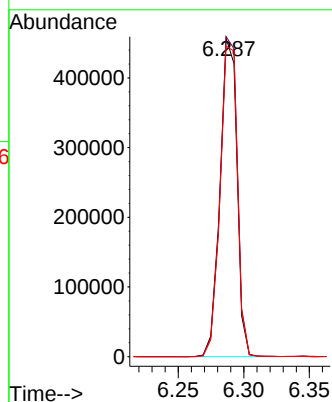
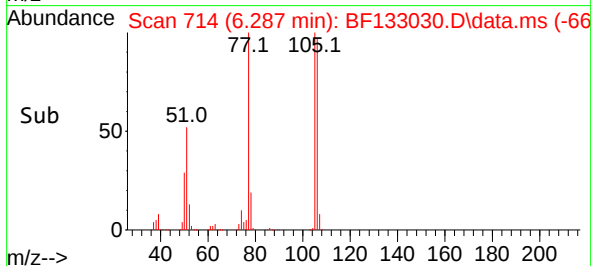
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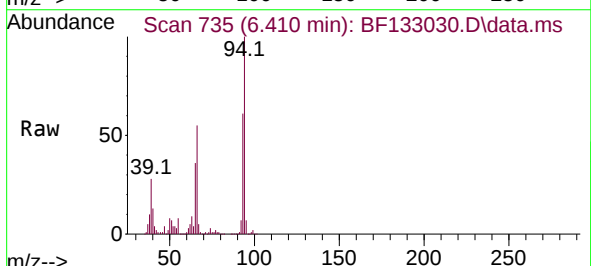
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Ion Ratio Lower Upper
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105 100.5 82.3 122.3
106 97.5 80.8 120.8

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APPROVED

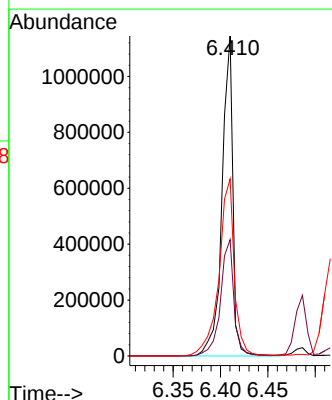
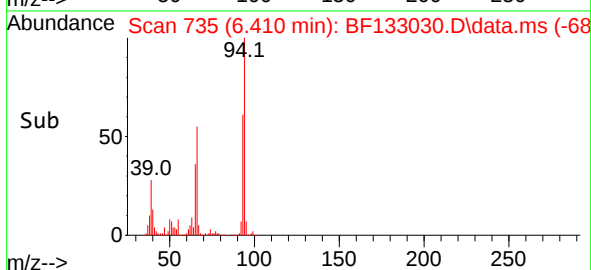
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

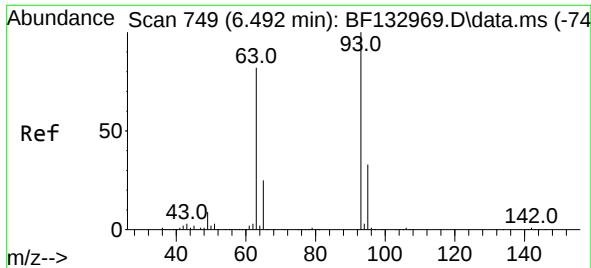


#10
Phenol
Concen: 40.383 ng
RT: 6.410 min Scan# 735
Delta R.T. 0.012 min
Lab File: BF133030.D
Acq: 25 Apr 2023 14:09



Tgt Ion: 94 Resp: 912666
Ion Ratio Lower Upper
94 100
65 36.3 8.6 48.6
66 55.3 17.3 57.3





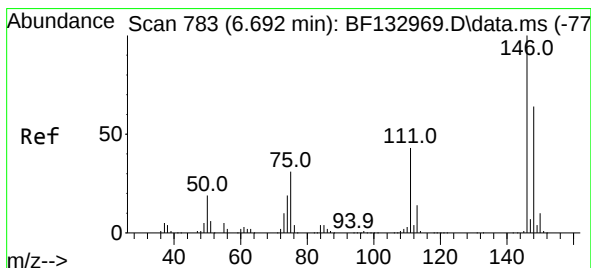
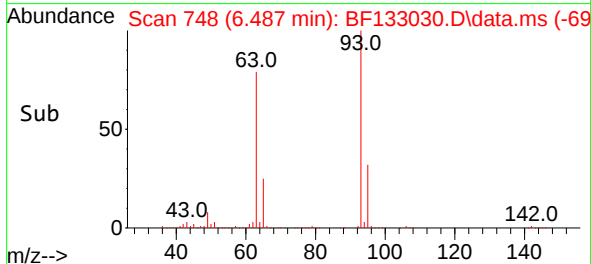
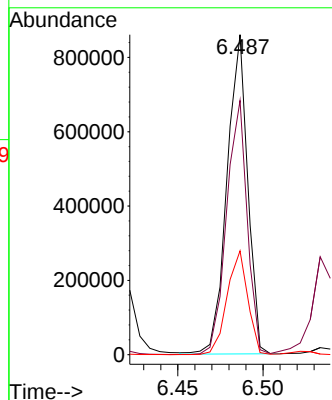
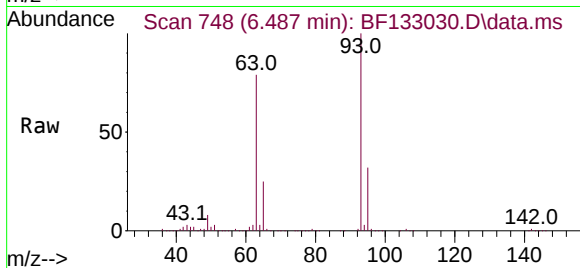
#11
bis(2-Chloroethyl)ether
Concen: 42.803 ng
RT: 6.487 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF133030.D
Acq: 25 Apr 2023 14:09

Instrument :
BNA_F
ClientSampleId :
PB152323BS

Tgt Ion: 93 Resp: 72591
Ion Ratio Lower Upper
93 100
63 79.4 60.6 100.6
95 32.5 12.9 52.9

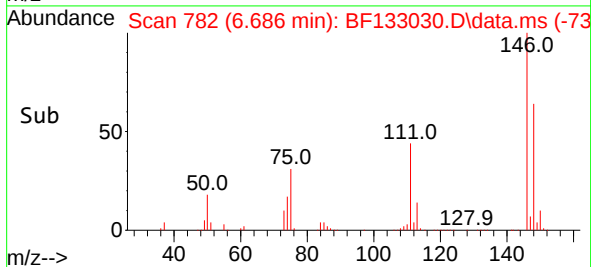
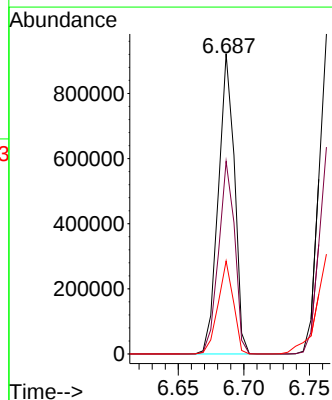
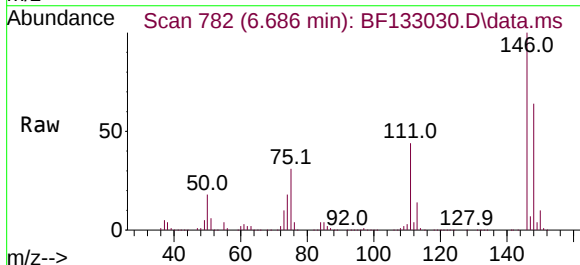
Manual Integrations
APPROVED

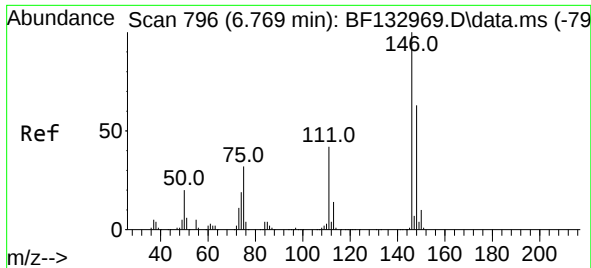
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#12
1,3-Dichlorobenzene
Concen: 44.113 ng
RT: 6.686 min Scan# 782
Delta R.T. -0.006 min
Lab File: BF133030.D
Acq: 25 Apr 2023 14:09

Tgt Ion:146 Resp: 785953
Ion Ratio Lower Upper
146 100
148 64.1 51.0 76.4
75 31.0 24.8 37.2





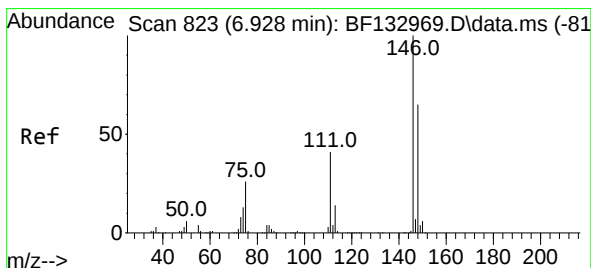
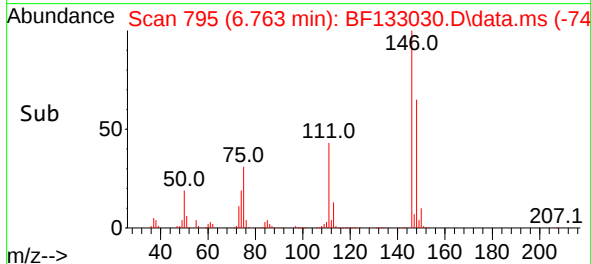
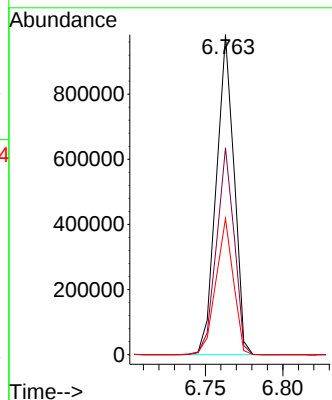
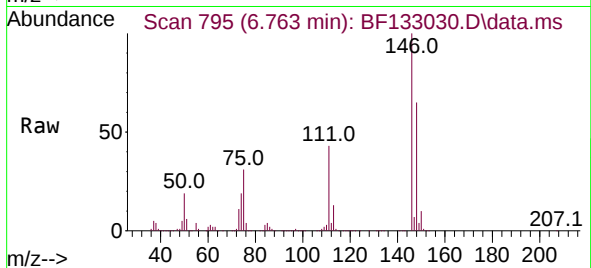
#13
1,4-Dichlorobenzene
Concen: 43.886 ng
RT: 6.763 min Scan# 796
Delta R.T. -0.006 min
Lab File: BF133030.D
Acq: 25 Apr 2023 14:09

Instrument :
BNA_F
ClientSampleId :
PB152323BS

Tgt Ion:146 Resp: 78364
Ion Ratio Lower Upper
146 100
148 64.6 50.3 75.5
111 42.6 33.8 50.6

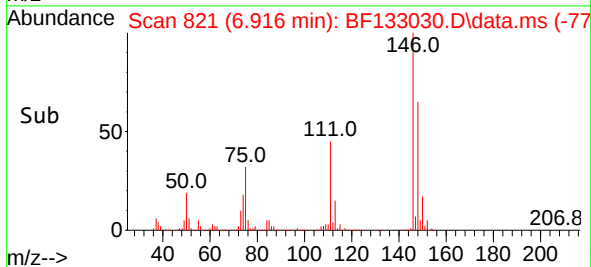
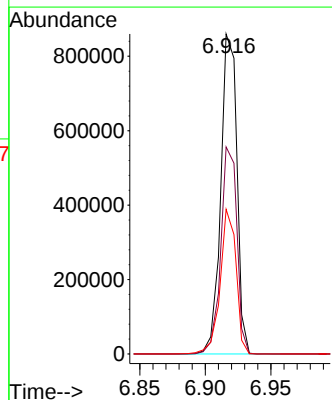
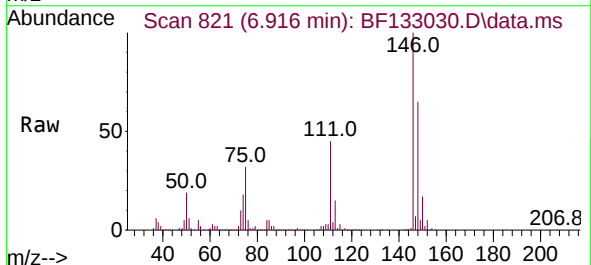
Manual Integrations
APPROVED

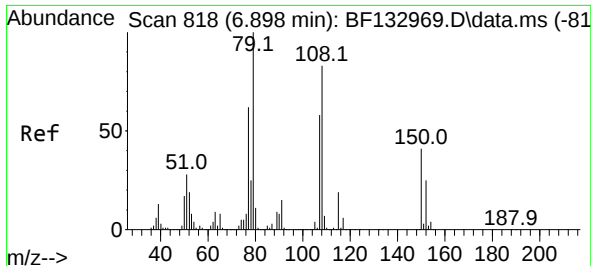
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#14
1,2-Dichlorobenzene
Concen: 44.519 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.012 min
Lab File: BF133030.D
Acq: 25 Apr 2023 14:09

Tgt Ion:146 Resp: 732903
Ion Ratio Lower Upper
146 100
148 64.7 52.2 78.2
111 45.2 32.8 49.2





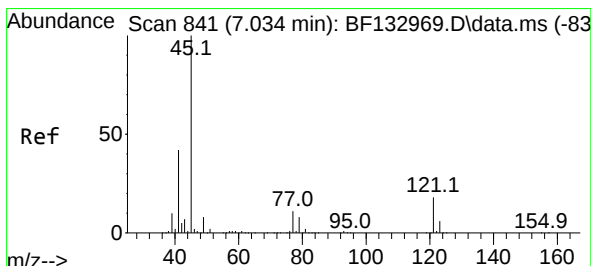
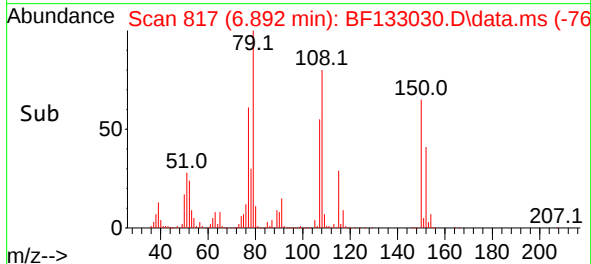
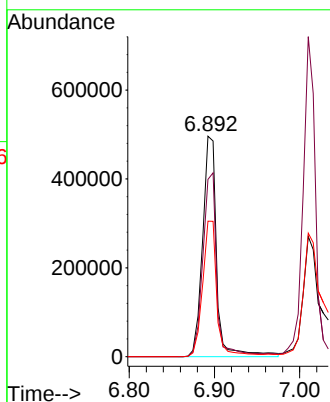
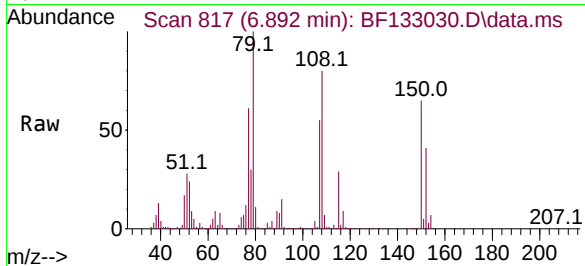
#15
Benzyl Alcohol
Concen: 40.353 ng
RT: 6.892 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF133030.D
Acq: 25 Apr 2023 14:09

Instrument :
BNA_F
ClientSampleId :
PB152323BS

Tgt Ion: 79 Resp: 57104
Ion Ratio Lower Upper
79 100
108 80.4 66.6 99.8
77 61.5 49.2 73.8

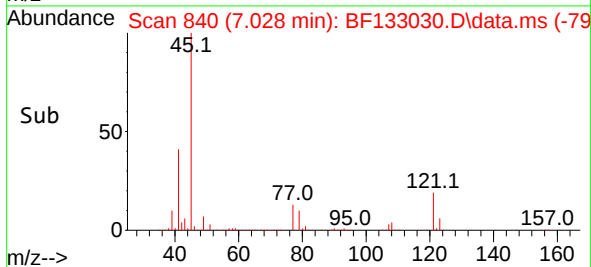
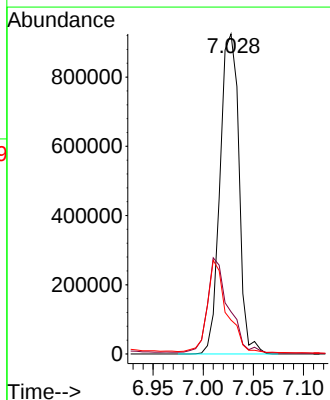
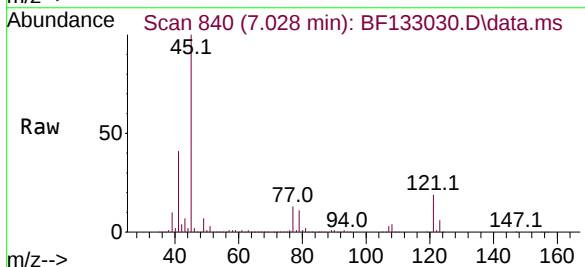
Manual Integrations
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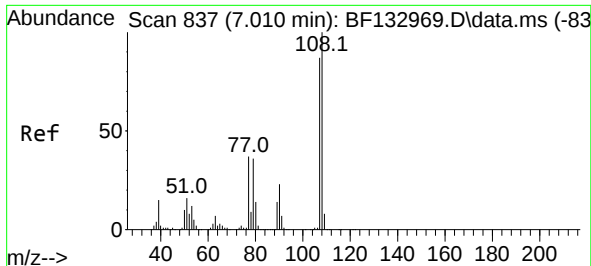
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.959 ng
RT: 7.028 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF133030.D
Acq: 25 Apr 2023 14:09

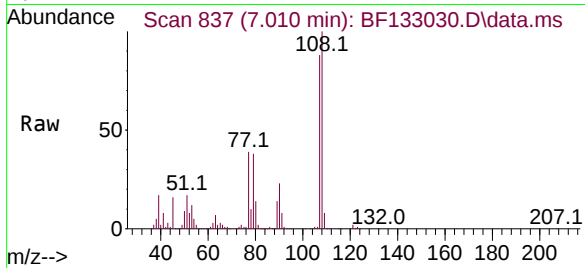
Tgt Ion: 45 Resp: 1206510
Ion Ratio Lower Upper
45 100
77 13.2 0.0 31.5
79 10.6 0.0 28.7





#17
2-Methylphenol
Concen: 42.556 ng
RT: 7.010 min Scan# 810
Delta R.T. -0.000 min
Lab File: BF133030.D
Acq: 25 Apr 2023 14:09

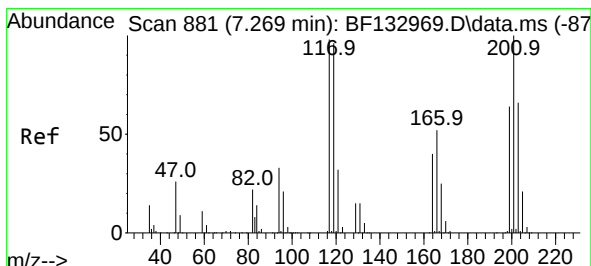
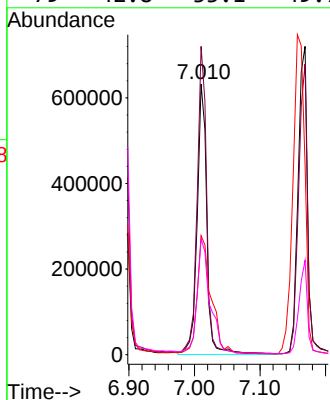
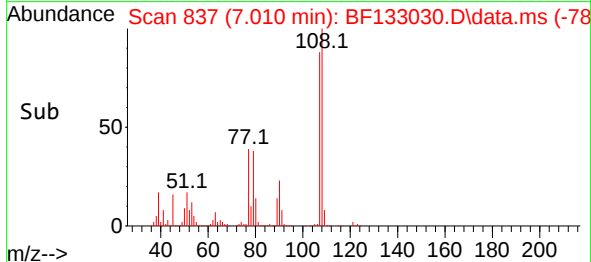
Instrument :
BNA_F
ClientSampleId :
PB152323BS



Tgt Ion:	107	Resp:	653020
Ion Ratio	Lower	Upper	
107	100		
108	113.9	92.4	138.6
77	44.0	33.8	50.8
79	42.8	33.1	49.7

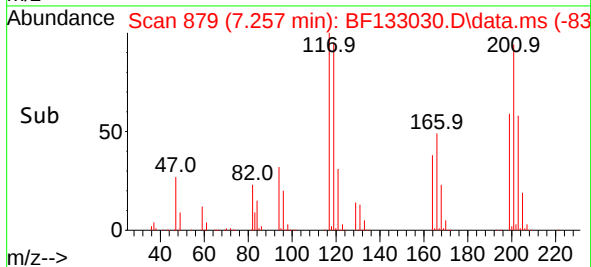
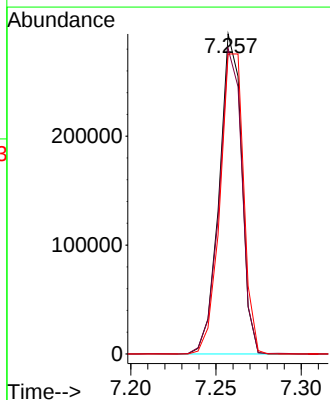
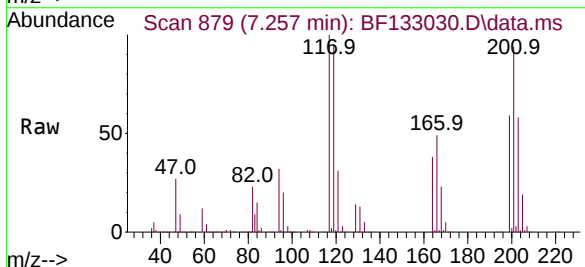
Manual Integrations
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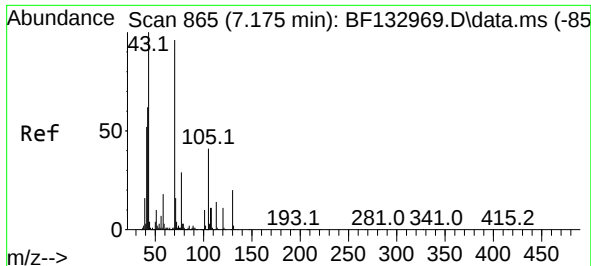
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#18
Hexachloroethane
Concen: 43.307 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.012 min
Lab File: BF133030.D
Acq: 25 Apr 2023 14:09

Tgt Ion:	117	Resp:	268856
Ion Ratio	Lower	Upper	
117	100		
119	95.4	78.2	117.4
201	93.8	81.7	122.5





#19

n-Nitroso-di-n-propylamine

Concen: 39.184 ng

RT: 7.169 min Scan# 864

Delta R.T. -0.006 min

Lab File: BF133030.D

Acq: 25 Apr 2023 14:09

Instrument :

BNA_F

ClientSampleId :

PB152323BS

Tgt Ion: 70 Resp: 49975

Ion Ratio Lower Upper

70 100

42 62.8 51.8 77.6

101 10.0 8.0 12.0

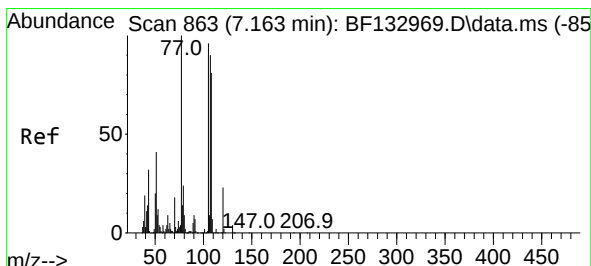
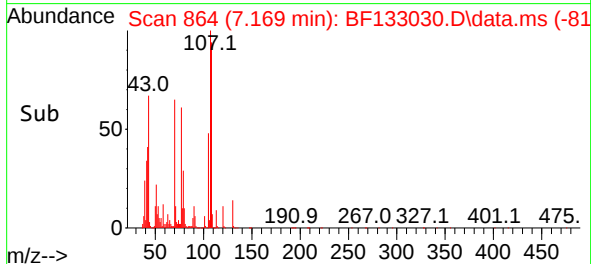
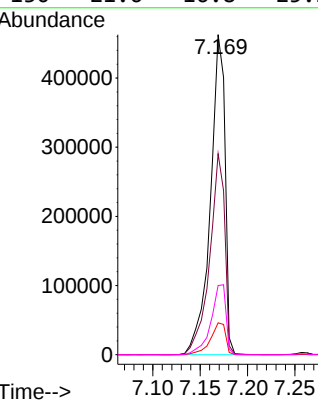
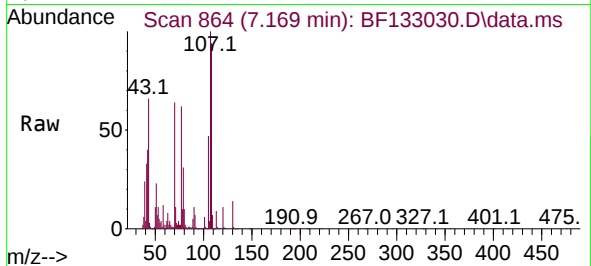
130 21.6 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/26/2023

Supervised By :Jagrut Upadhyay 04/26/2023



#20

3+4-Methylphenols

Concen: 40.165 ng

RT: 7.169 min Scan# 864

Delta R.T. 0.006 min

Lab File: BF133030.D

Acq: 25 Apr 2023 14:09

Tgt Ion:107 Resp: 725830

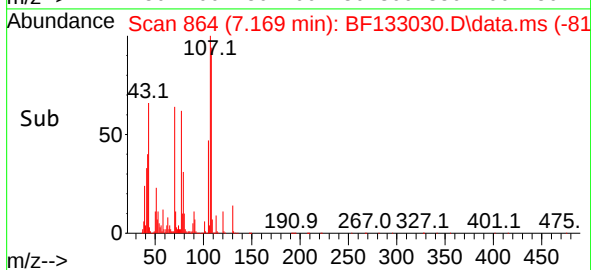
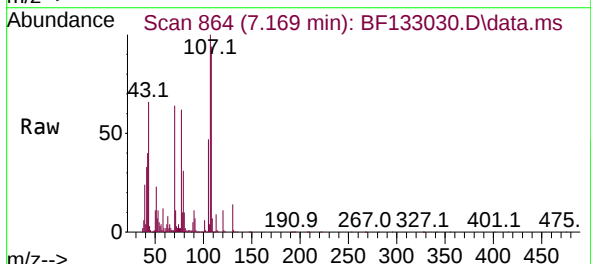
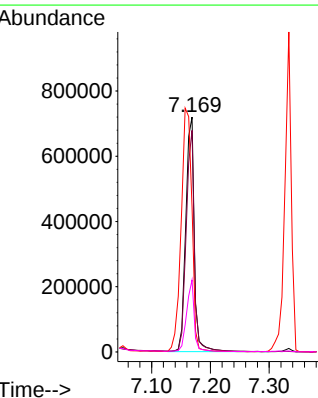
Ion Ratio Lower Upper

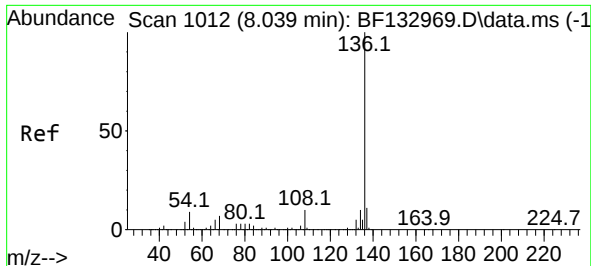
107 100

108 94.3 70.5 110.5

77 61.7 91.7 131.7#

79 30.7 7.1 47.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.033 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF133030.D
Acq: 25 Apr 2023 14:09

Instrument :

BNA_F

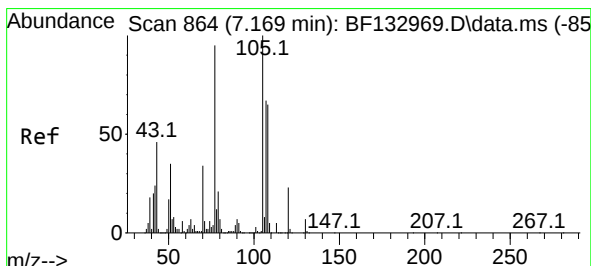
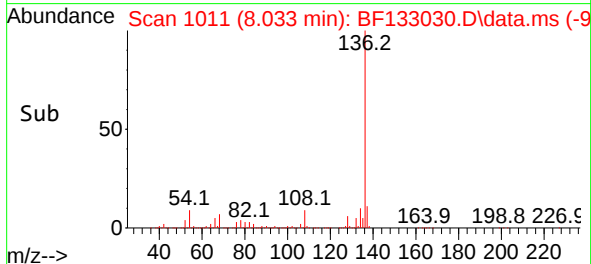
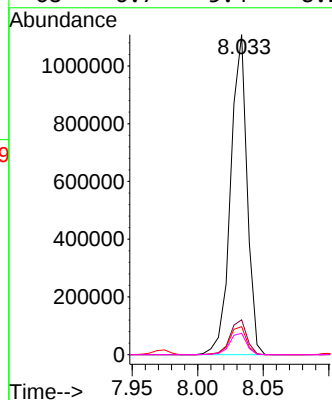
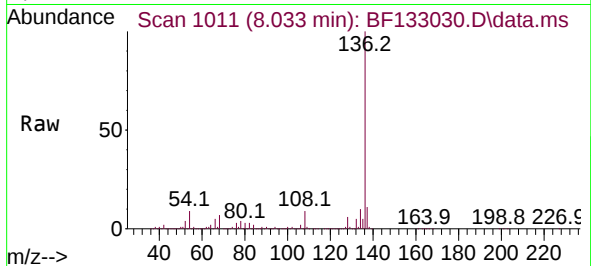
ClientSampleId :

PB152323BS

Tgt Ion:136 Resp: 96385
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.8 7.0 10.4
68 6.7 5.4 8.2

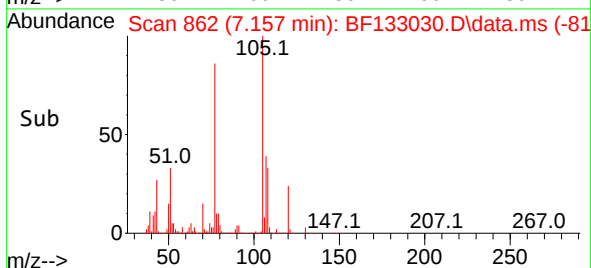
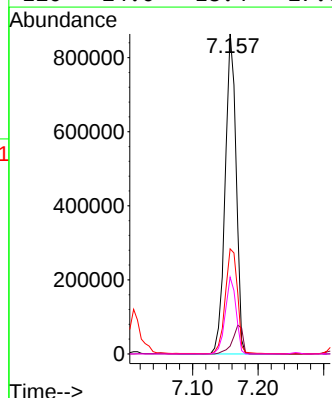
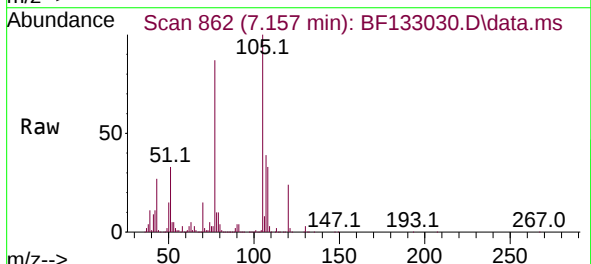
Manual Integrations
APPROVED

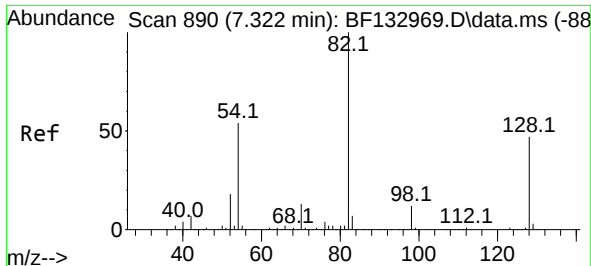
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#22
Acetophenone
Concen: 44.656 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.012 min
Lab File: BF133030.D
Acq: 25 Apr 2023 14:09

Tgt Ion:105 Resp: 997046
Ion Ratio Lower Upper
105 100
71 2.5 4.6 7.0#
51 32.9 28.2 42.2
120 24.0 18.4 27.6





#23

Nitrobenzene-d5

Concen: 67.760 ng

RT: 7.316 min Scan# 890

Delta R.T. -0.006 min

Lab File: BF133030.D

Acq: 25 Apr 2023 14:09

Instrument :

BNA_F

ClientSampleId :

PB152323BS

Tgt Ion: 82 Resp: 120996

Ion Ratio Lower Upper

82 100

128 48.8 37.7 56.5

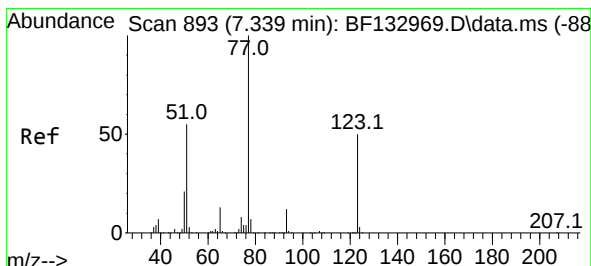
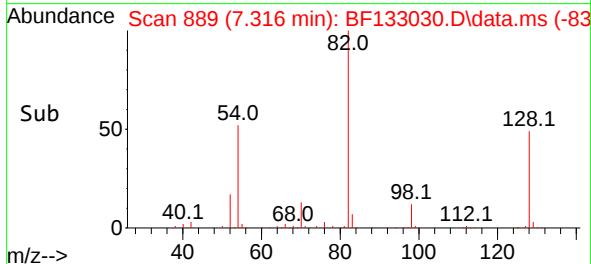
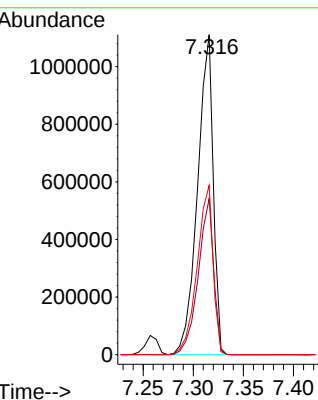
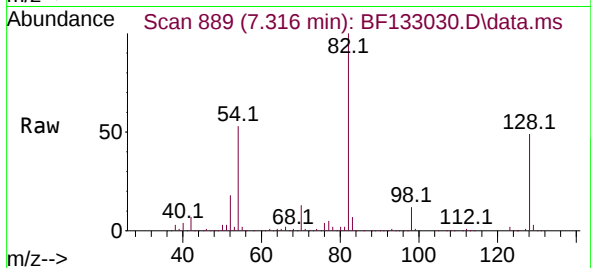
54 52.9 43.0 64.4

Manual Integrations

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Reviewed By :Christian Giraldo 04/26/2023

Supervised By :Jagrut Upadhyay 04/26/2023



#24

Nitrobenzene

Concen: 41.618 ng

RT: 7.334 min Scan# 892

Delta R.T. -0.006 min

Lab File: BF133030.D

Acq: 25 Apr 2023 14:09

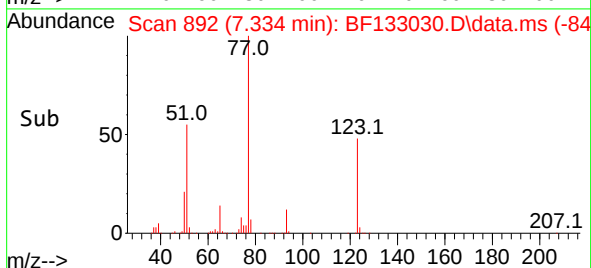
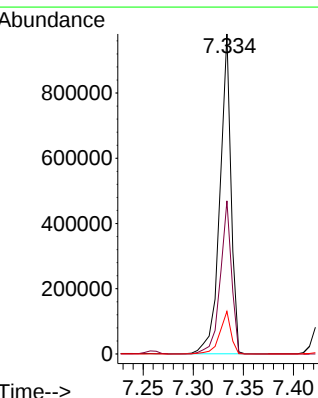
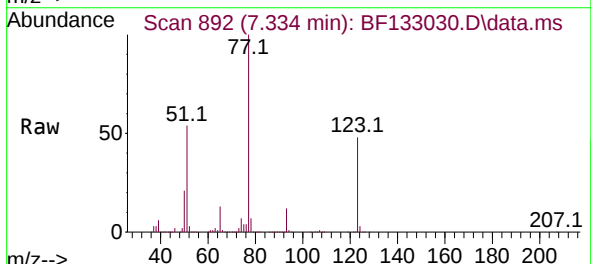
Tgt Ion: 77 Resp: 753058

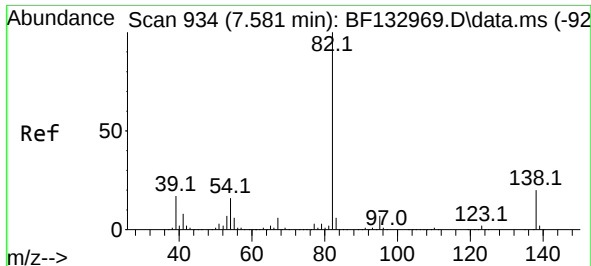
Ion Ratio Lower Upper

77 100

123 47.9 39.9 59.9

65 13.3 10.7 16.1





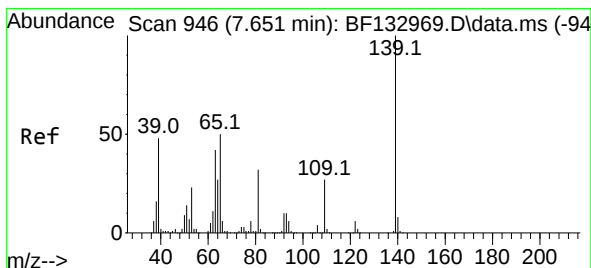
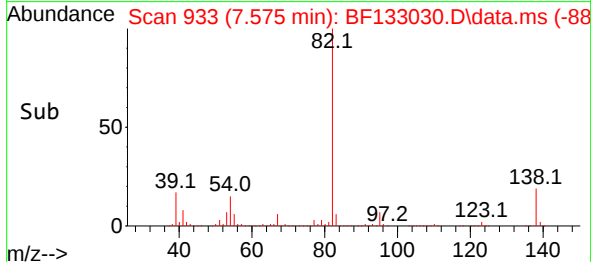
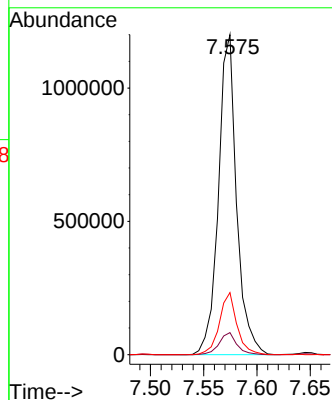
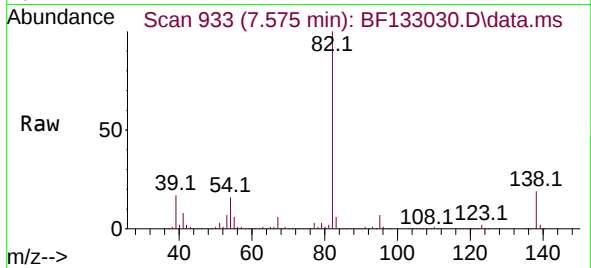
#25
Isophorone
Concen: 41.852 ng
RT: 7.575 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF133030.D
Acq: 25 Apr 2023 14:09

Instrument :
BNA_F
ClientSampleId :
PB152323BS

Tgt Ion: 82 Resp: 141896
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.0
138 19.4 16.0 24.0

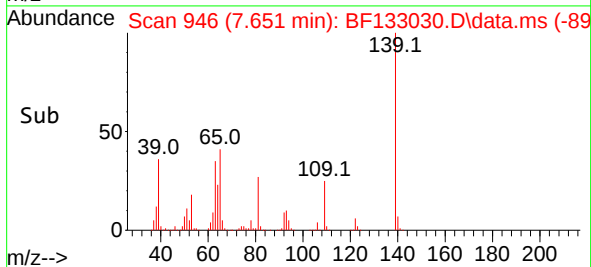
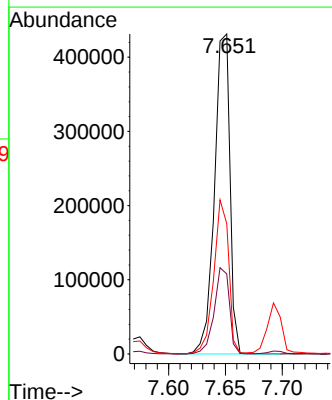
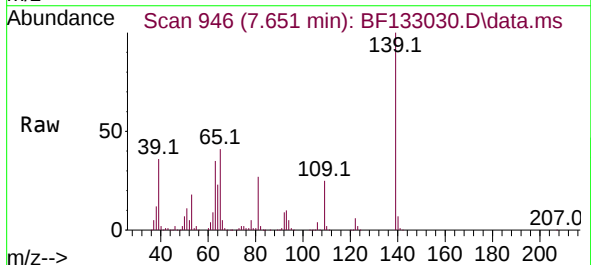
Manual Integrations
APPROVED

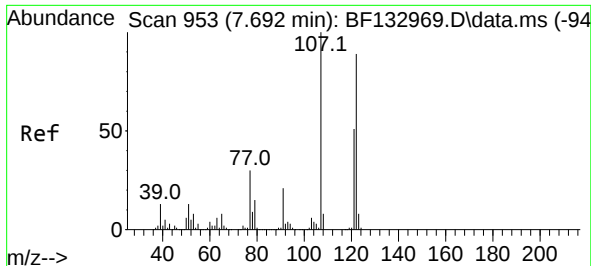
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#26
2-Nitrophenol
Concen: 46.848 ng
RT: 7.651 min Scan# 946
Delta R.T. -0.000 min
Lab File: BF133030.D
Acq: 25 Apr 2023 14:09

Tgt Ion:139 Resp: 408869
Ion Ratio Lower Upper
139 100
109 25.0 21.6 32.4
65 40.7 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 44.738 ng

RT: 7.692 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF133030.D

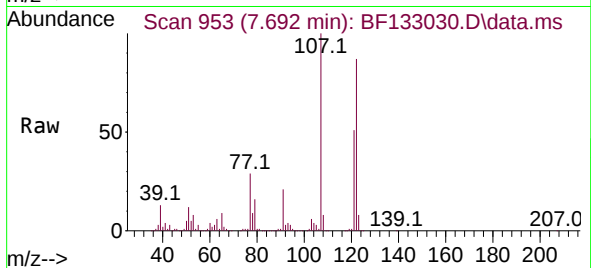
Acq: 25 Apr 2023 14:09

Instrument :

BNA_F

ClientSampleId :

PB152323BS

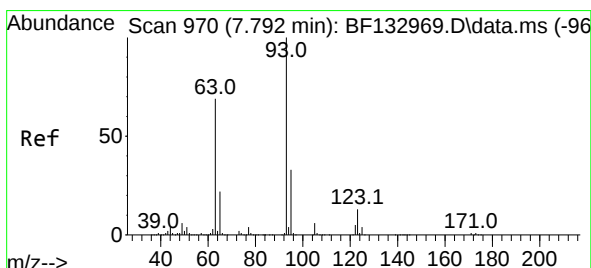
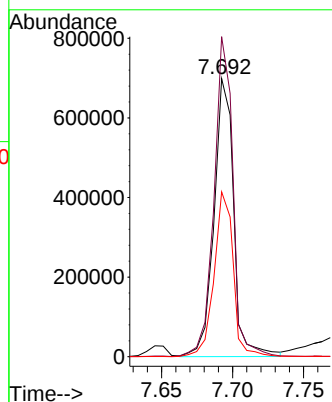
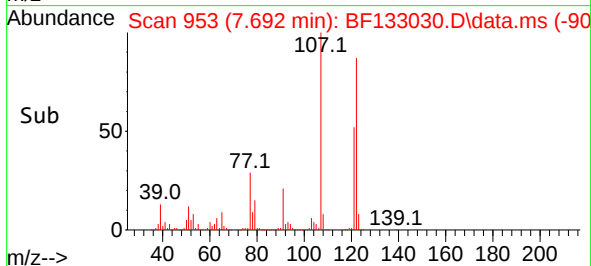


Tgt Ion:	122	Resp:	66952
Ion	Ratio	Lower	Upper
122	100		
107	115.0	89.7	134.5
121	59.2	46.0	69.0

Manual Integrations

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Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#28

bis(2-Chloroethoxy)methane

Concen: 42.015 ng

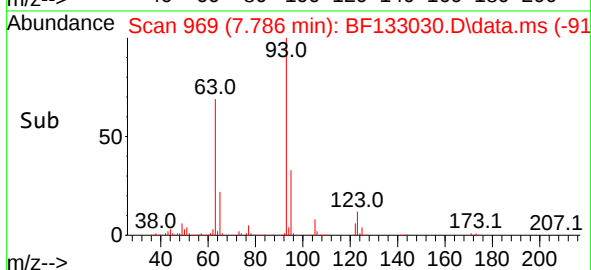
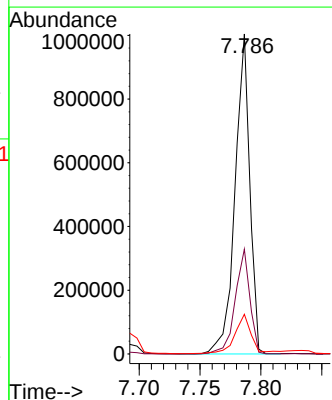
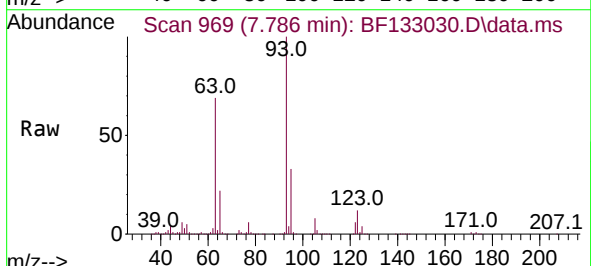
RT: 7.786 min Scan# 969

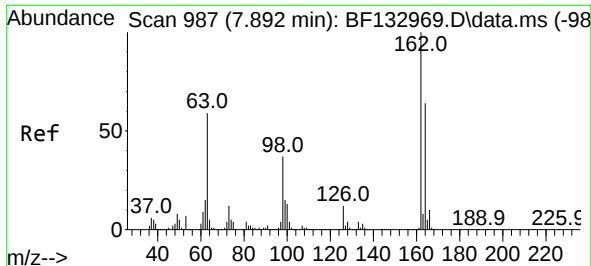
Delta R.T. -0.006 min

Lab File: BF133030.D

Acq: 25 Apr 2023 14:09

Tgt Ion:	93	Resp:	842695
Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.4	39.6
123	12.4	10.3	15.5





#29

2,4-Dichlorophenol

Concen: 44.527 ng

RT: 7.898 min Scan# 98

Delta R.T. 0.006 min

Lab File: BF133030.D

Acq: 25 Apr 2023 14:09

Instrument :

BNA_F

ClientSampleId :

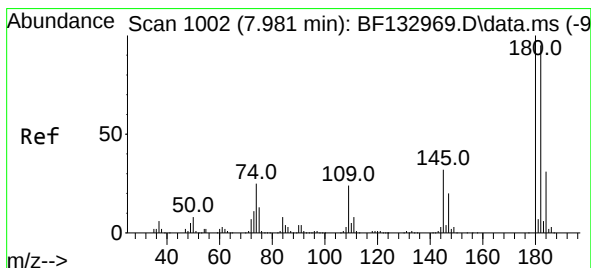
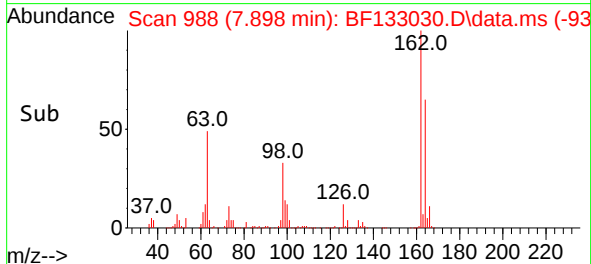
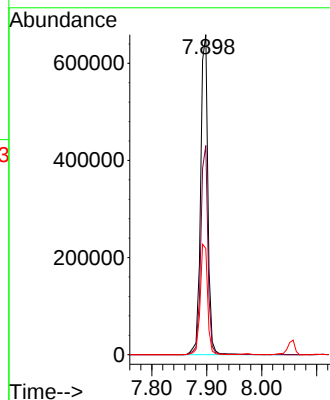
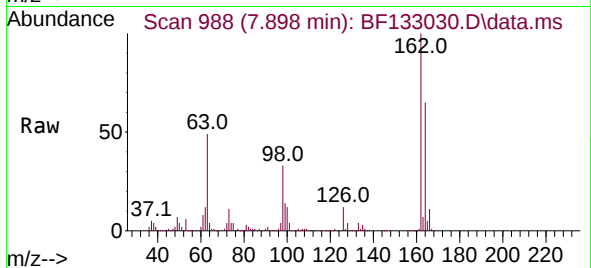
PB152323BS

Tgt Ion:162 Resp: 60662
 Ion Ratio Lower Upper
 162 100
 164 65.3 43.9 83.9
 98 33.2 17.0 57.0

Manual Integrations

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Reviewed By :Christian Giraldo 04/26/2023
 Supervised By :Jagrut Upadhyay 04/26/2023



#30

1,2,4-Trichlorobenzene

Concen: 44.442 ng

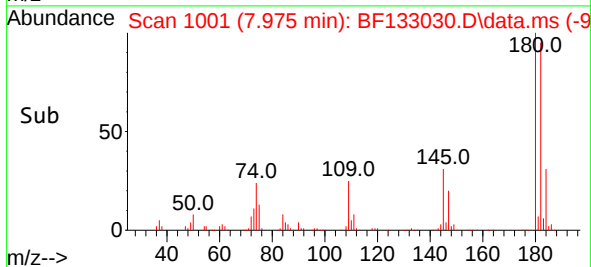
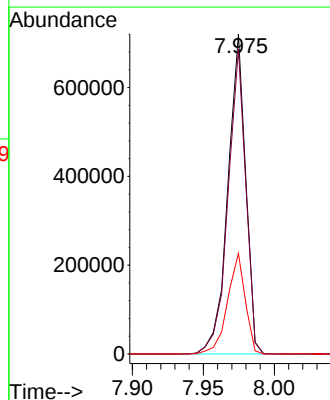
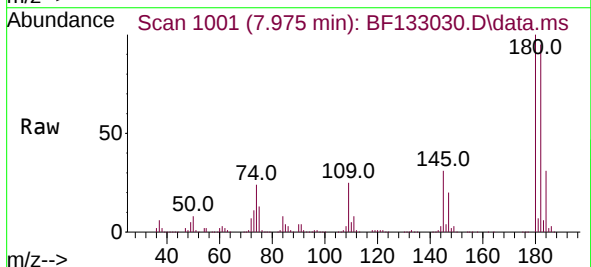
RT: 7.975 min Scan# 1001

Delta R.T. -0.006 min

Lab File: BF133030.D

Acq: 25 Apr 2023 14:09

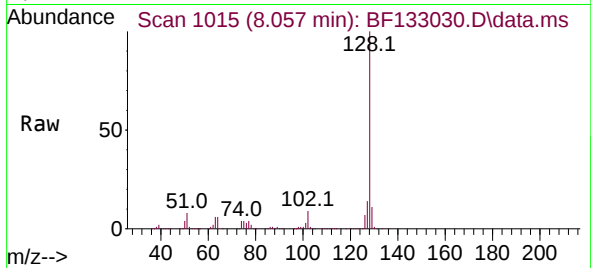
Tgt Ion:180 Resp: 627260
 Ion Ratio Lower Upper
 180 100
 182 95.2 75.9 113.9
 145 31.5 25.3 37.9





#31
Naphthalene
Concen: 41.756 ng
RT: 8.057 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF133030.D
Acq: 25 Apr 2023 14:09

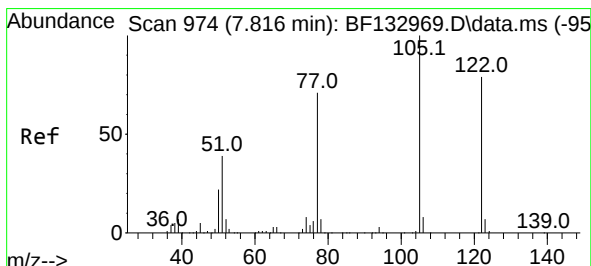
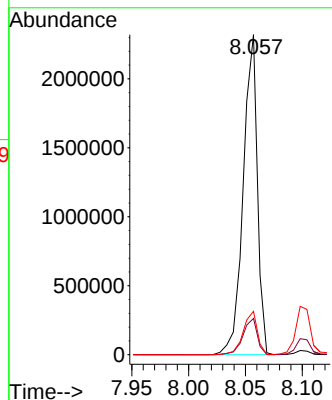
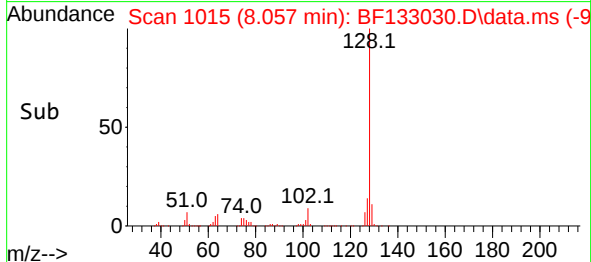
Instrument :
BNA_F
ClientSampleId :
PB152323BS



Tgt Ion:128 Resp: 2012219
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.6 10.7 16.1

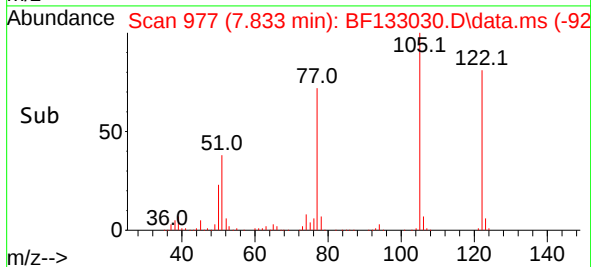
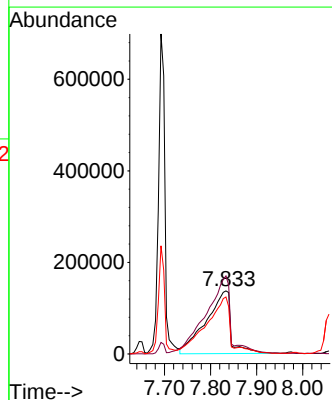
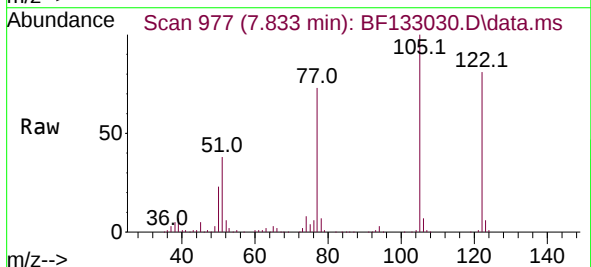
Manual Integrations
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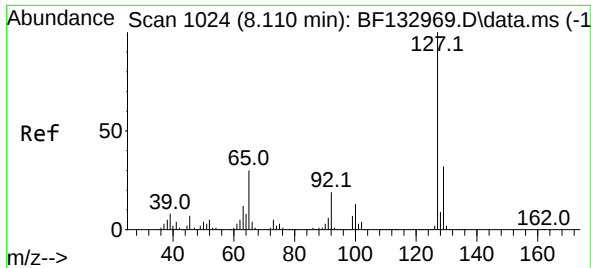
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#32
Benzoic acid
Concen: 55.789 ng
RT: 7.833 min Scan# 977
Delta R.T. 0.017 min
Lab File: BF133030.D
Acq: 25 Apr 2023 14:09

Tgt Ion:122 Resp: 515718
Ion Ratio Lower Upper
122 100
105 123.8 104.2 144.2
77 90.3 69.7 109.7





#33
4-Chloroaniline
Concen: 17.080 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF133030.D
Acq: 25 Apr 2023 14:09

Instrument :

BNA_F

ClientSampleId :

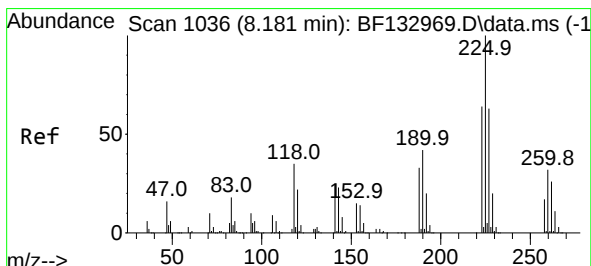
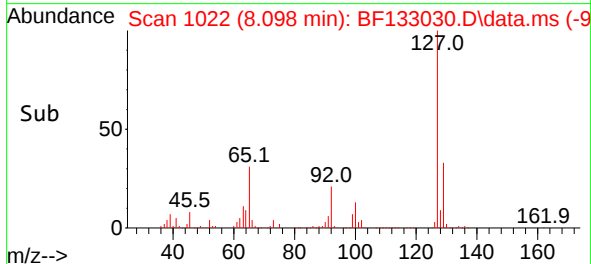
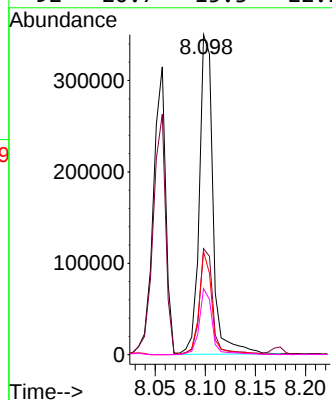
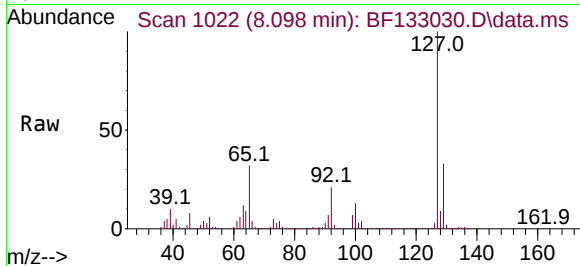
PB152323BS

Tgt Ion:127 Resp: 332550
Ion Ratio Lower Upper
127 100
129 33.2 25.8 38.8
65 32.2 23.6 35.4
92 20.7 15.3 22.9

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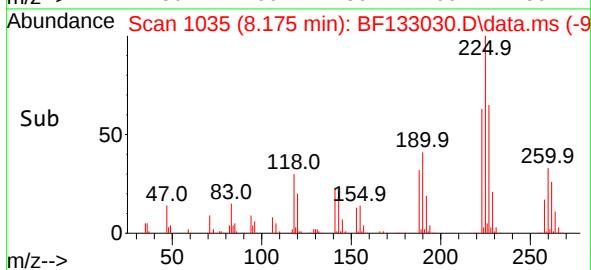
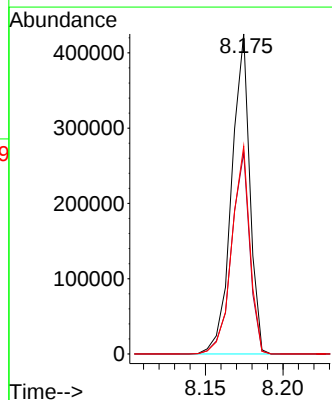
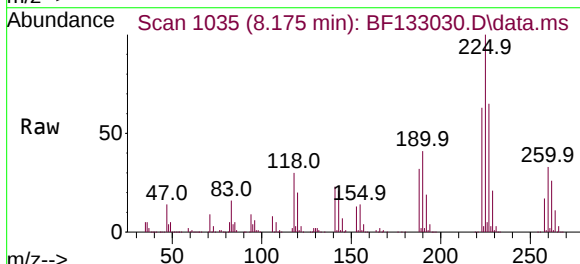
APPROVED

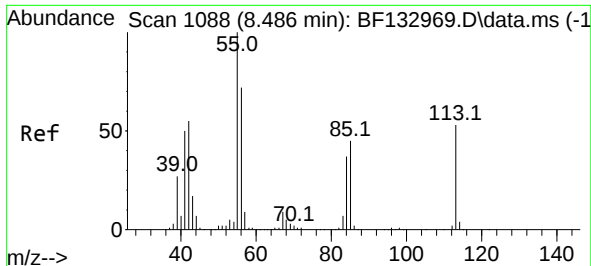
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#34
Hexachlorobutadiene
Concen: 44.264 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF133030.D
Acq: 25 Apr 2023 14:09

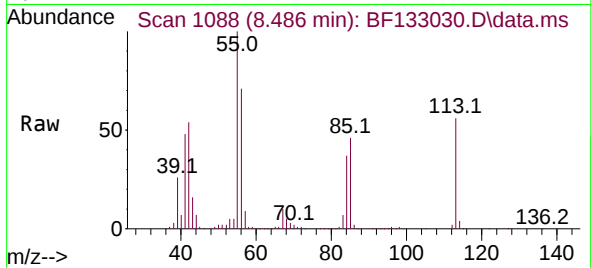
Tgt Ion:225 Resp: 346262
Ion Ratio Lower Upper
225 100
223 62.9 50.9 76.3
227 65.0 50.3 75.5





#35
 Caprolactam
 Concen: 48.797 ng m
 RT: 8.486 min Scan# 1088
 Delta R.T. -0.000 min
 Lab File: BF133030.D
 Acq: 25 Apr 2023 14:09

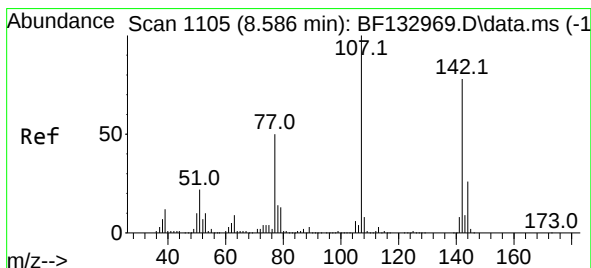
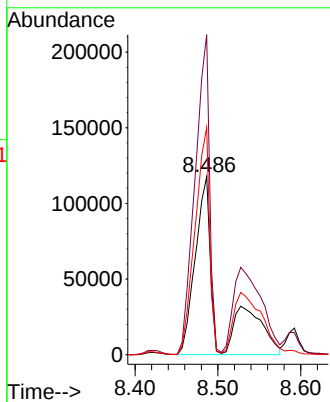
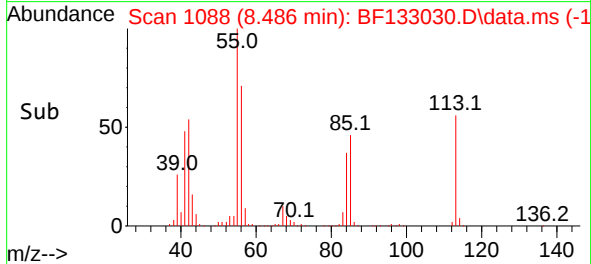
Instrument :
 BNA_F
 ClientSampleId :
 PB152323BS



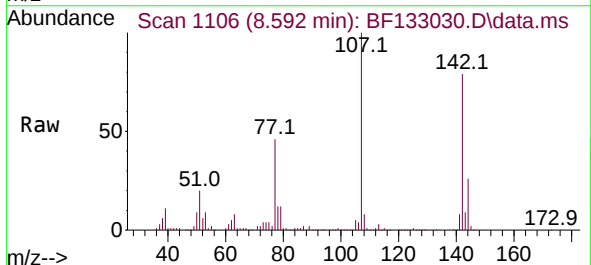
Tgt Ion:113 Resp: 22333
 Ion Ratio Lower Upper
 113 100
 55 179.8 167.1 207.1
 56 127.7 114.5 154.5

Manual Integrations
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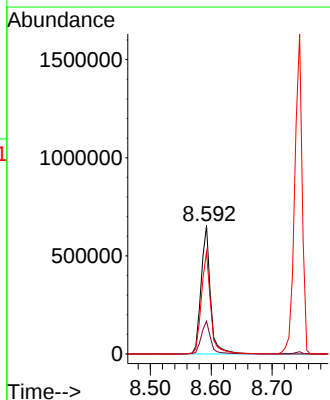
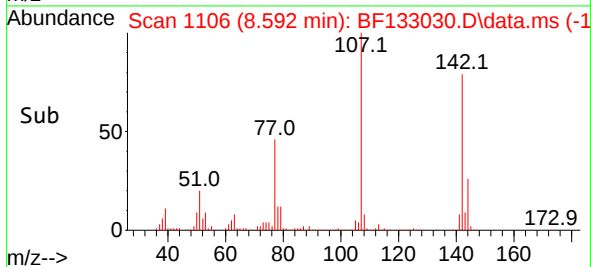
Reviewed By :Christian Giraldo 04/26/2023
 Supervised By :Jagrut Upadhyay 04/26/2023

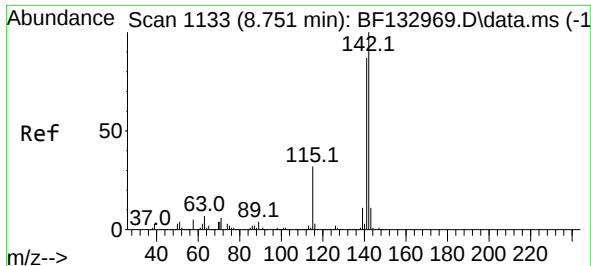


#36
 4-Chloro-3-methylphenol
 Concen: 47.297 ng
 RT: 8.592 min Scan# 1106
 Delta R.T. 0.006 min
 Lab File: BF133030.D
 Acq: 25 Apr 2023 14:09



Tgt Ion:107 Resp: 694862
 Ion Ratio Lower Upper
 107 100
 144 25.6 20.6 30.8
 142 79.3 62.8 94.2





#37

2-Methylnaphthalene

Concen: 42.022 ng

RT: 8.745 min Scan# 1132

Delta R.T. -0.006 min

Lab File: BF133030.D

Acq: 25 Apr 2023 14:09

Instrument :

BNA_F

ClientSampleId :

PB152323BS

Tgt Ion:142 Resp: 138444

Ion Ratio Lower Upper

142 100

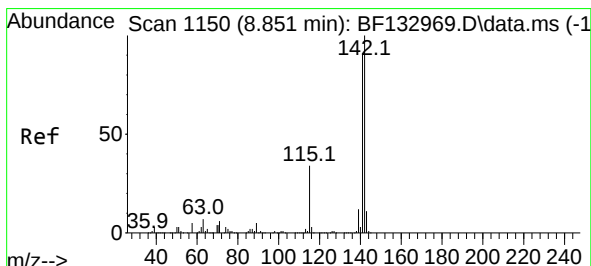
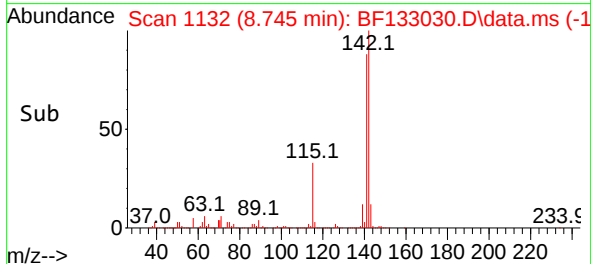
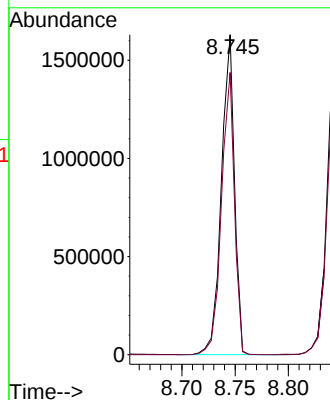
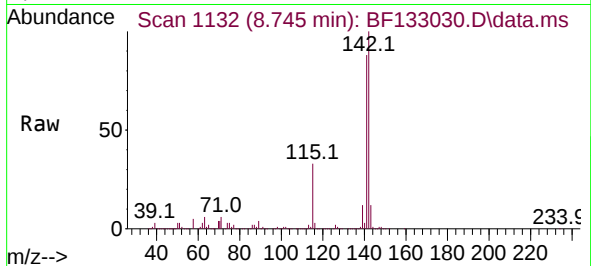
141 88.2 69.4 104.0

Manual Integrations

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Reviewed By :Christian Giraldo 04/26/2023

Supervised By :Jagrut Upadhyay 04/26/2023



#38

1-Methylnaphthalene

Concen: 44.616 ng

RT: 8.845 min Scan# 1149

Delta R.T. -0.006 min

Lab File: BF133030.D

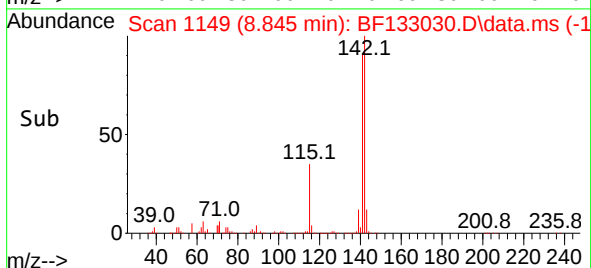
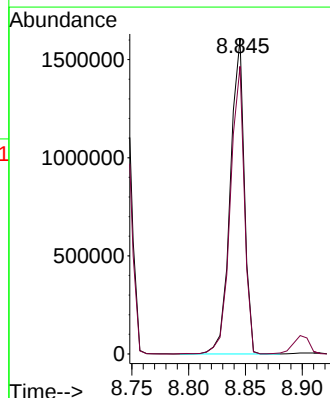
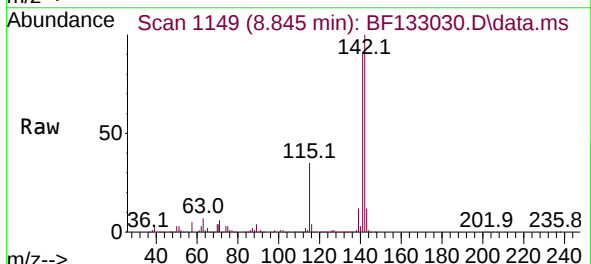
Acq: 25 Apr 2023 14:09

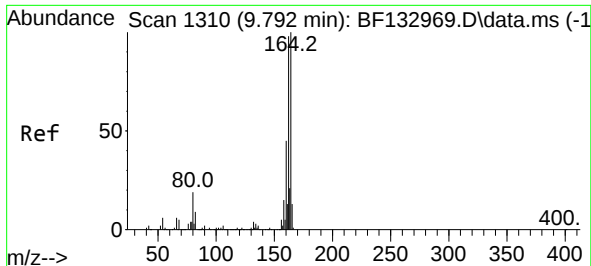
Tgt Ion:142 Resp: 1375093

Ion Ratio Lower Upper

142 100

141 91.2 73.1 109.7





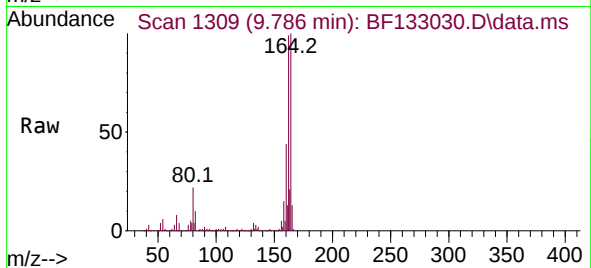
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.786 min Scan# 11309
Delta R.T. -0.006 min
Lab File: BF133030.D
Acq: 25 Apr 2023 14:09

Instrument :

BNA_F

ClientSampleId :

PB152323BS

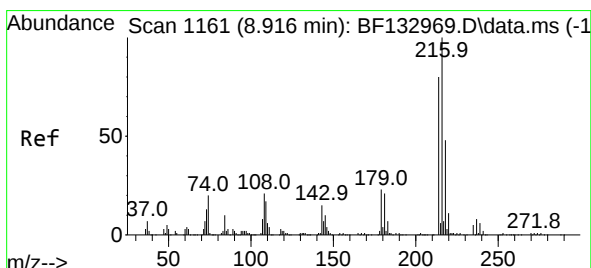
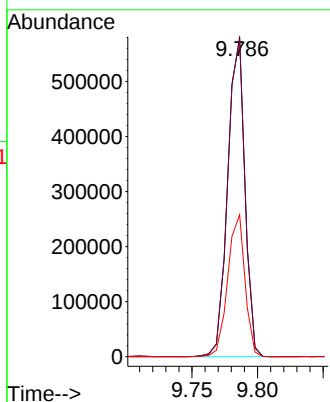
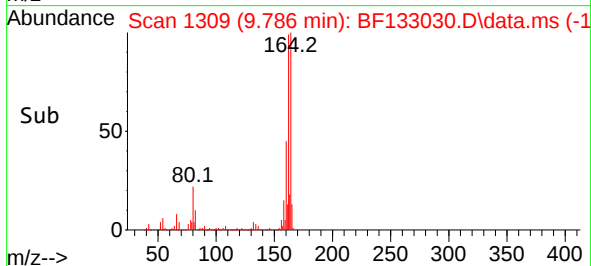


Tgt Ion:164 Resp: 526512
Ion Ratio Lower Upper
164 100
162 99.0 78.7 118.1
160 44.3 35.8 53.6

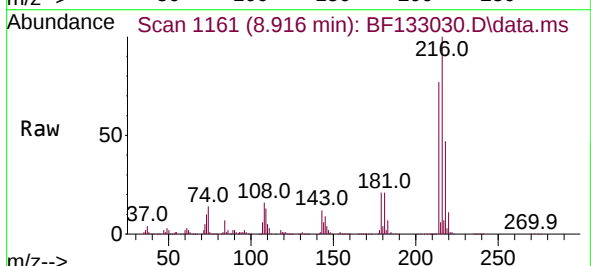
Manual Integrations

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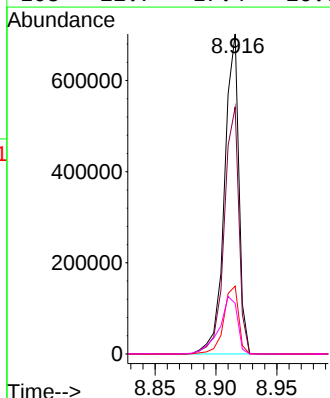
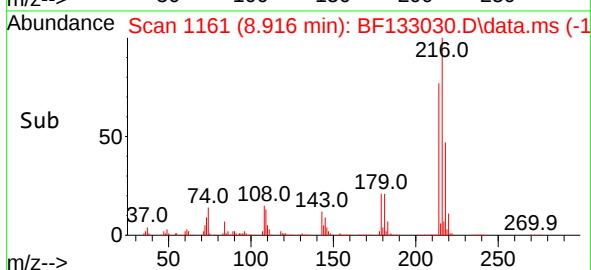
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

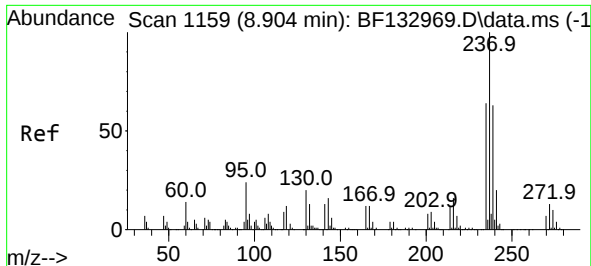


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.851 ng
RT: 8.916 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF133030.D
Acq: 25 Apr 2023 14:09



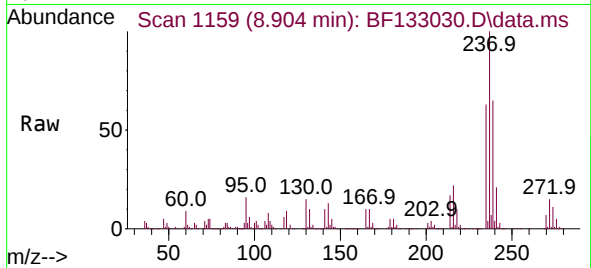
Tgt Ion:216 Resp: 578300
Ion Ratio Lower Upper
216 100
214 78.6 63.5 95.3
179 22.0 17.4 26.2
108 22.7 17.4 26.0





#41
Hexachlorocyclopentadiene
Concen: 96.659 ng
RT: 8.904 min Scan# 1159
Delta R.T. -0.000 min
Lab File: BF133030.D
Acq: 25 Apr 2023 14:09

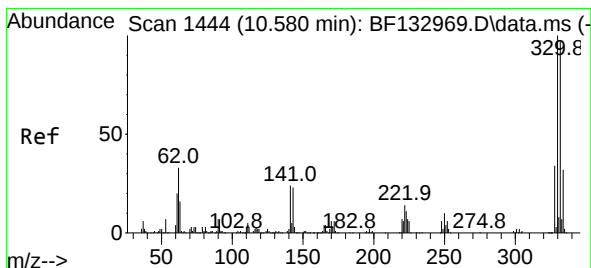
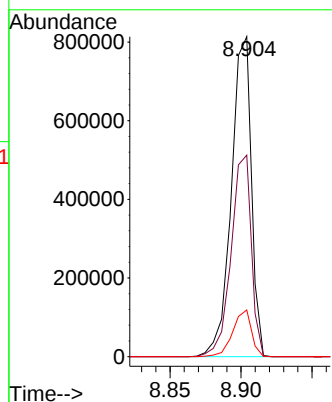
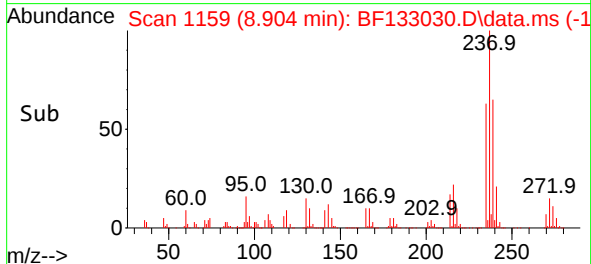
Instrument :
BNA_F
ClientSampleId :
PB152323BS



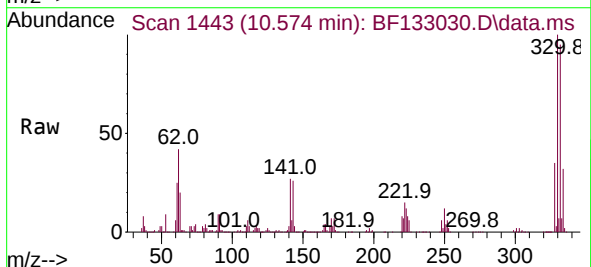
Tgt Ion:237 Resp: 79802
Ion Ratio Lower Upper
237 100
235 63.0 43.5 83.5
272 14.6 0.0 32.7

Manual Integrations
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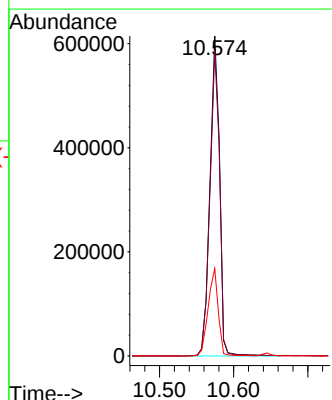
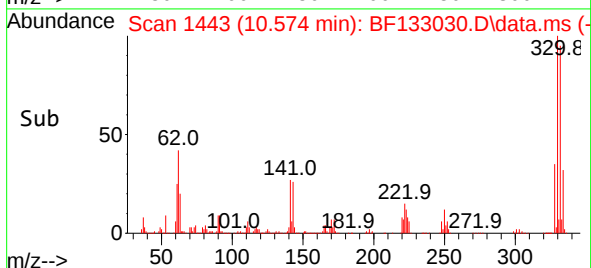
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

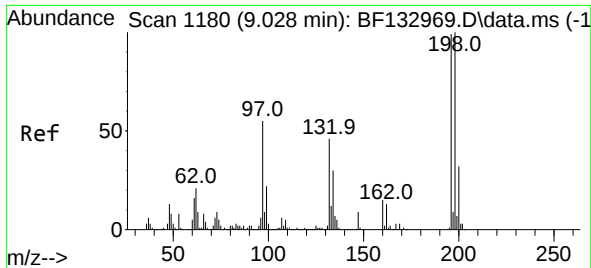


#42
2,4,6-Tribromophenol
Concen: 105.035 ng
RT: 10.574 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF133030.D
Acq: 25 Apr 2023 14:09



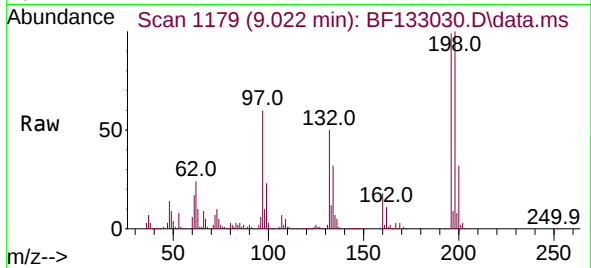
Tgt Ion:330 Resp: 556170
Ion Ratio Lower Upper
330 100
332 96.4 77.1 115.7
141 28.8 25.8 38.8





#43
2,4,6-Trichlorophenol
Concen: 43.102 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF133030.D
Acq: 25 Apr 2023 14:09

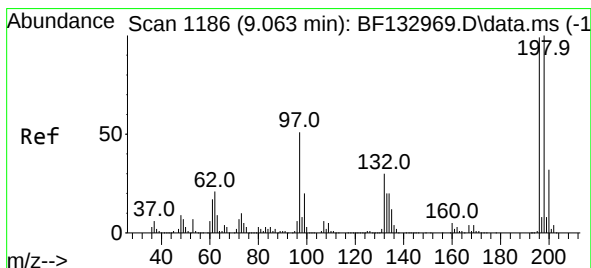
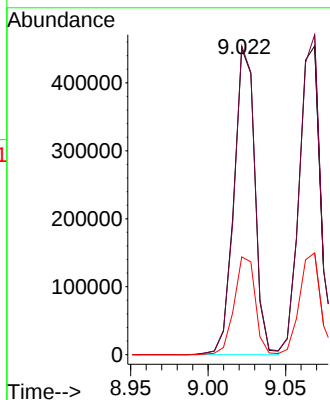
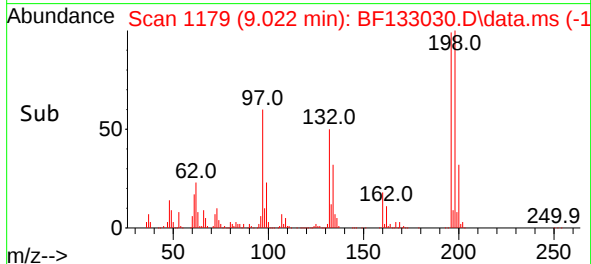
Instrument :
BNA_F
ClientSampleId :
PB152323BS



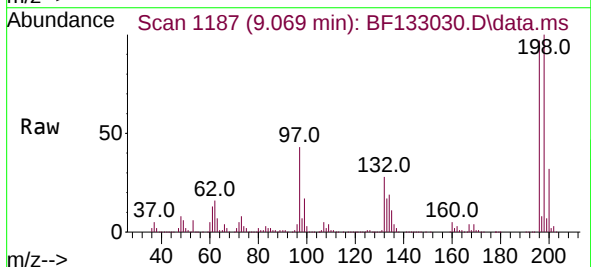
Tgt Ion:196 Resp: 421979
Ion Ratio Lower Upper
196 100
198 100.8 81.0 121.6
200 32.0 26.1 39.1

Manual Integrations
APPROVED

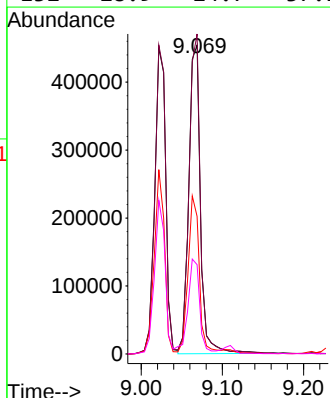
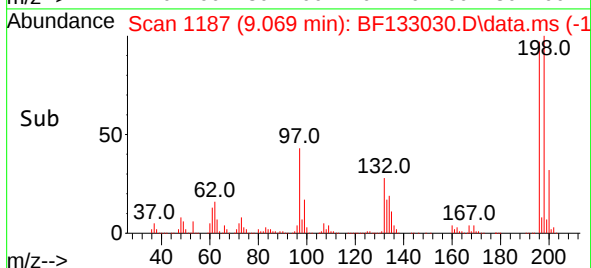
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

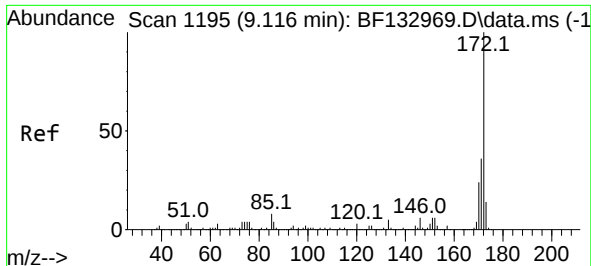


#44
2,4,5-Trichlorophenol
Concen: 40.198 ng
RT: 9.069 min Scan# 1187
Delta R.T. 0.006 min
Lab File: BF133030.D
Acq: 25 Apr 2023 14:09



Tgt Ion:196 Resp: 455141
Ion Ratio Lower Upper
196 100
198 103.6 80.9 121.3
97 44.6 41.3 61.9
132 28.9 24.7 37.1





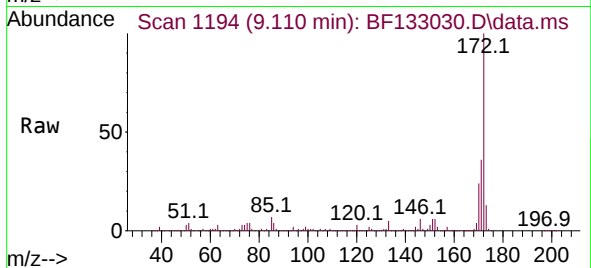
#45
2-Fluorobiphenyl
Concen: 68.948 ng
RT: 9.110 min Scan# 1194
Delta R.T. -0.006 min
Lab File: BF133030.D
Acq: 25 Apr 2023 14:09

Instrument :

BNA_F

ClientSampleId :

PB152323BS

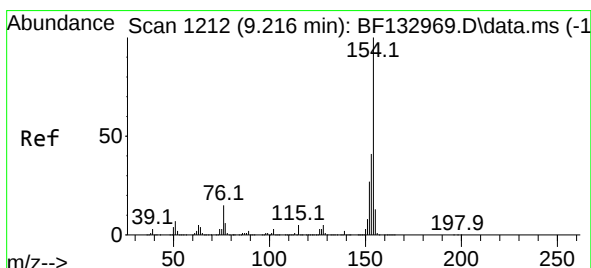
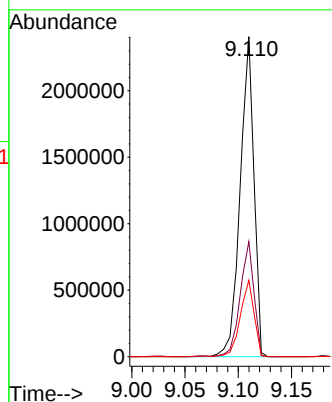
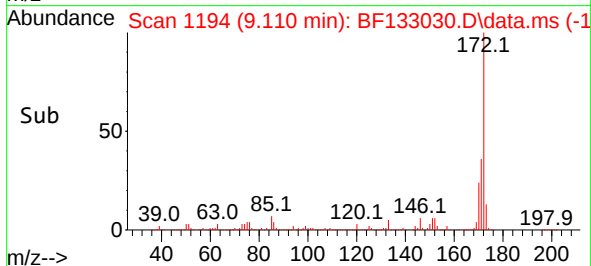


Tgt Ion:172 Resp: 216986
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 23.9 19.4 29.2

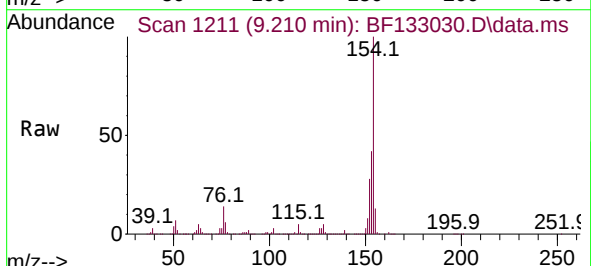
Manual Integrations

APPROVED

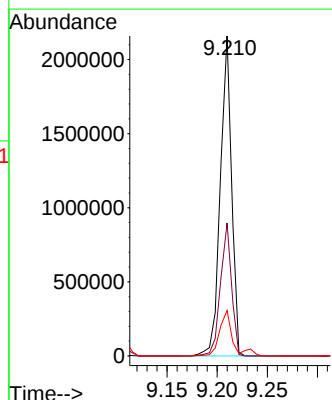
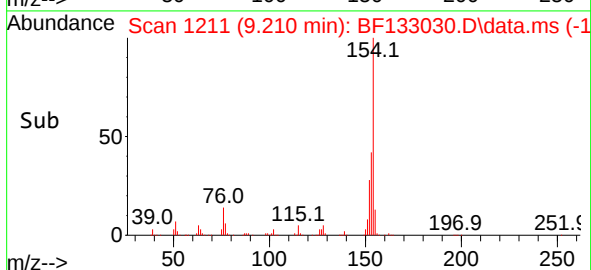
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

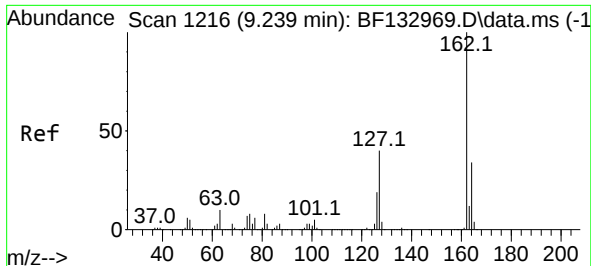


#46
1,1'-Biphenyl
Concen: 40.409 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF133030.D
Acq: 25 Apr 2023 14:09



Tgt Ion:154 Resp: 1687064
Ion Ratio Lower Upper
154 100
153 41.5 21.0 61.0
76 14.2 0.0 34.5





#47

2-Chloronaphthalene

Concen: 42.034 ng

RT: 9.233 min Scan# 1215

Delta R.T. -0.006 min

Lab File: BF133030.D

Acq: 25 Apr 2023 14:09

Instrument :

BNA_F

ClientSampleId :

PB152323BS

Tgt Ion:162 Resp: 1284490

Ion Ratio Lower Upper

162 100

127 41.1 32.3 48.5

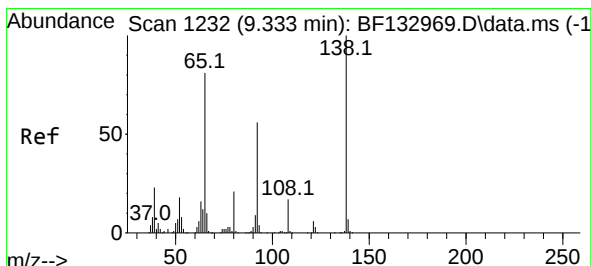
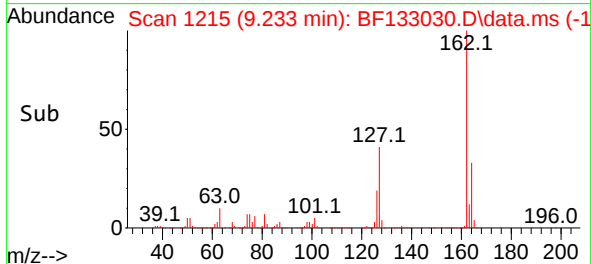
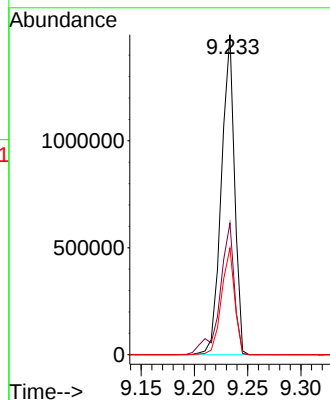
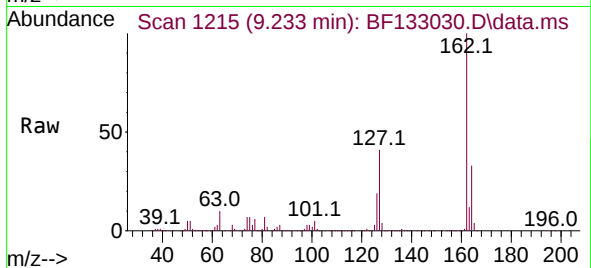
164 33.3 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/26/2023

Supervised By :Jagrut Upadhyay 04/26/2023



#48

2-Nitroaniline

Concen: 40.949 ng

RT: 9.328 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BF133030.D

Acq: 25 Apr 2023 14:09

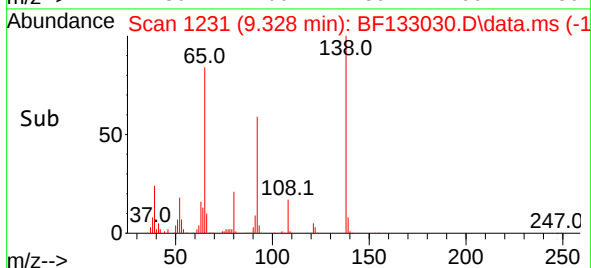
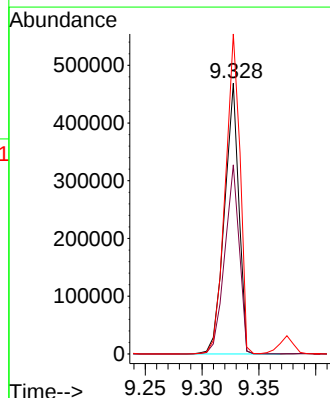
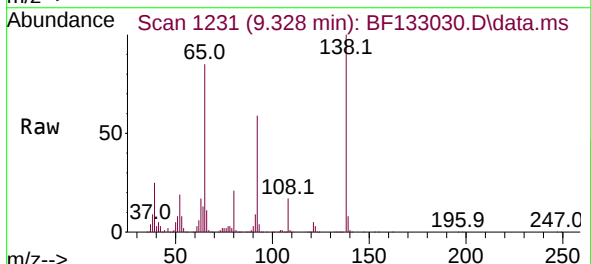
Tgt Ion: 65 Resp: 413564

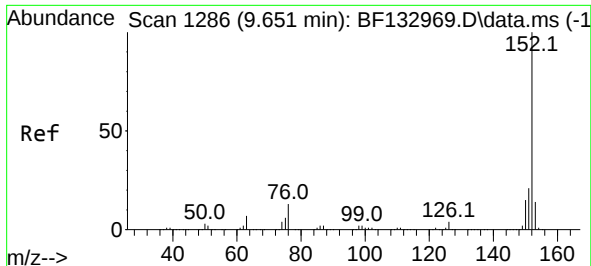
Ion Ratio Lower Upper

65 100

92 69.9 55.4 83.0

138 118.2 98.2 147.2





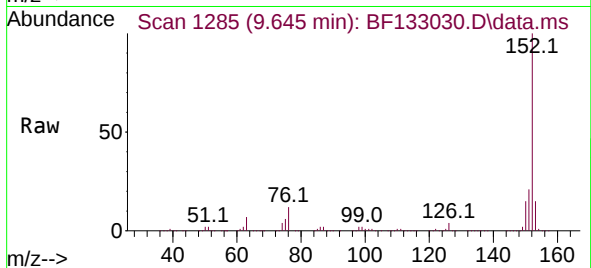
#49
Acenaphthylene
Concen: 40.913 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BF133030.D
Acq: 25 Apr 2023 14:09

Instrument :

BNA_F

ClientSampleId :

PB152323BS

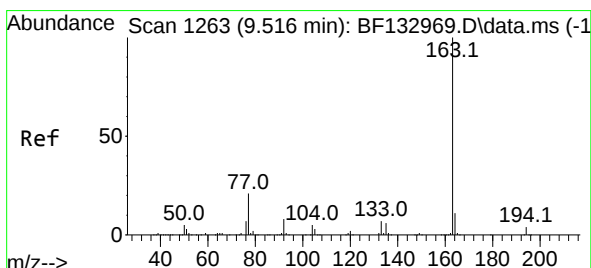
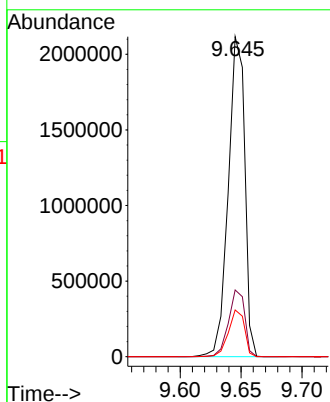
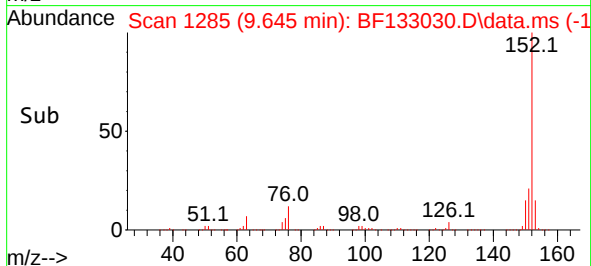


Tgt Ion:152 Resp: 1997660
Ion Ratio Lower Upper
152 100
151 20.8 16.6 24.8
153 14.6 11.5 17.3

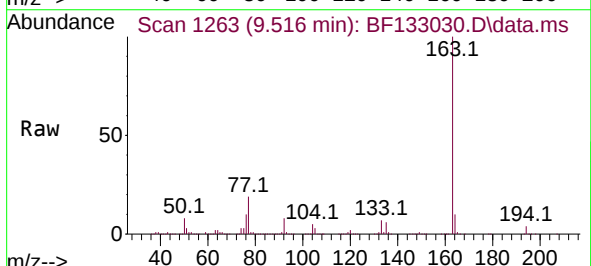
Manual Integrations

APPROVED

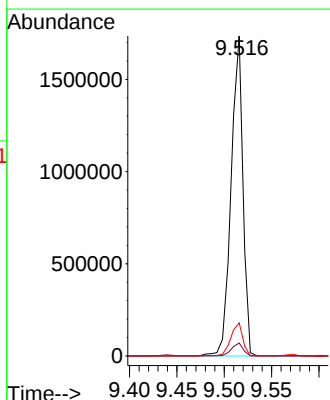
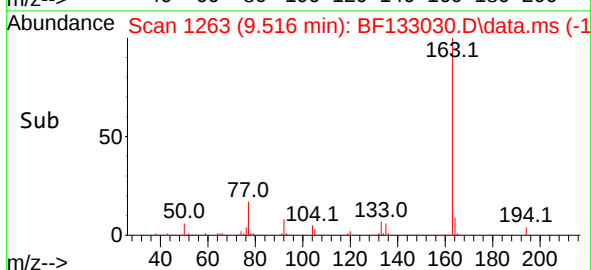
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

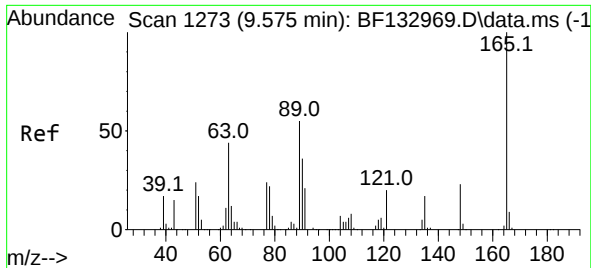


#50
Dimethylphthalate
Concen: 41.106 ng
RT: 9.516 min Scan# 1263
Delta R.T. -0.000 min
Lab File: BF133030.D
Acq: 25 Apr 2023 14:09



Tgt Ion:163 Resp: 1509115
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.4 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 43.881 ng
RT: 9.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133030.D
Acq: 25 Apr 2023 14:09

Instrument :

BNA_F

ClientSampleId :

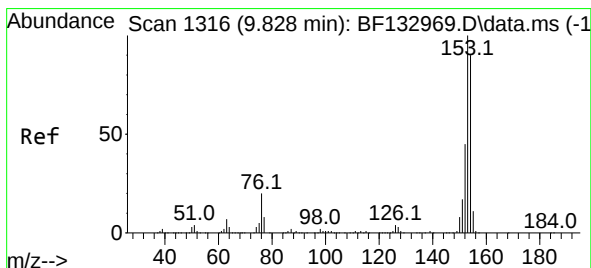
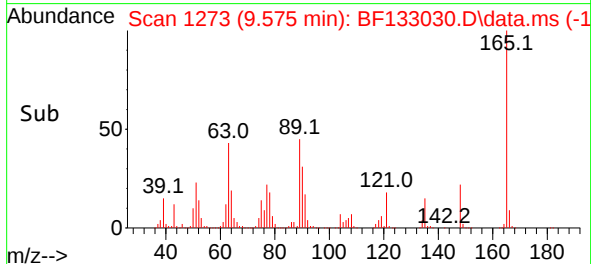
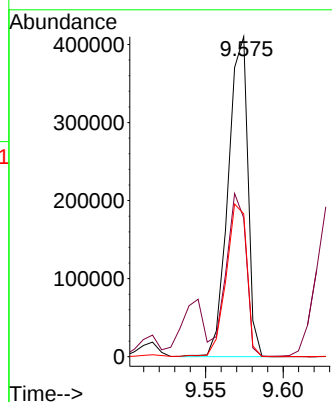
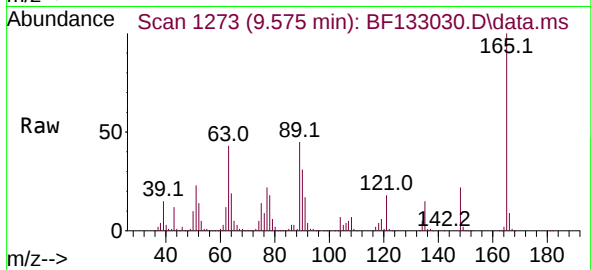
PB152323BS

Tgt Ion:165 Resp: 362590
Ion Ratio Lower Upper
165 100
63 43.3 45.9 68.9
89 44.7 44.0 66.0

Manual Integrations

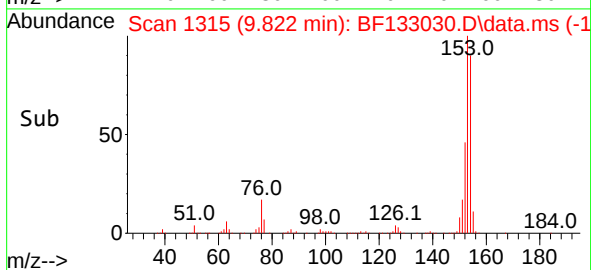
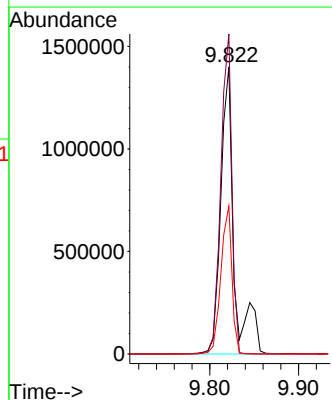
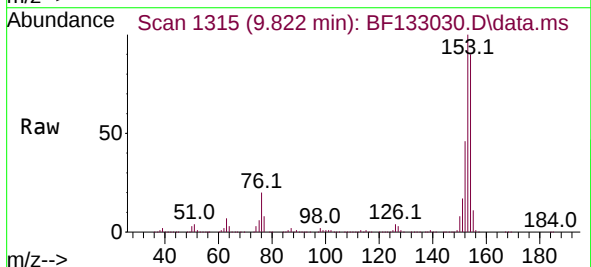
APPROVED

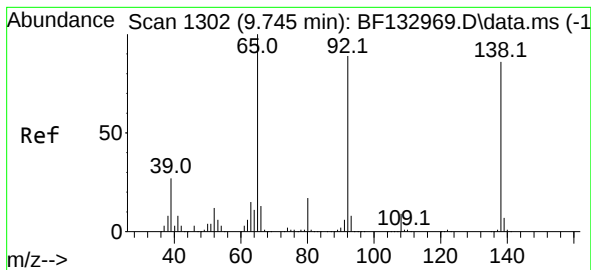
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#52
Acenaphthene
Concen: 44.714 ng m
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF133030.D
Acq: 25 Apr 2023 14:09

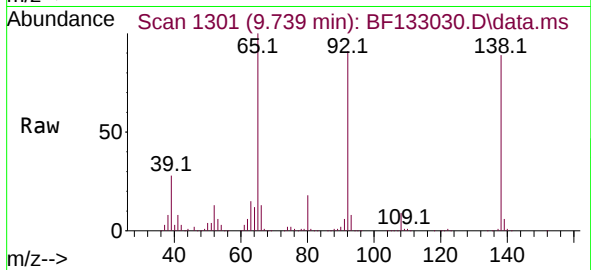
Tgt Ion:154 Resp: 1462247
Ion Ratio Lower Upper
154 100
153 111.5 89.0 133.6
152 51.5 40.4 60.6





#53
3-Nitroaniline
Concen: 28.670 ng
RT: 9.739 min Scan# 1301
Delta R.T. -0.006 min
Lab File: BF133030.D
Acq: 25 Apr 2023 14:09

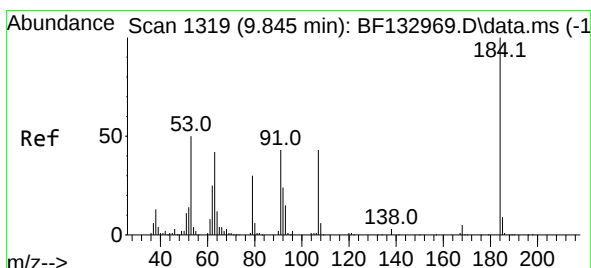
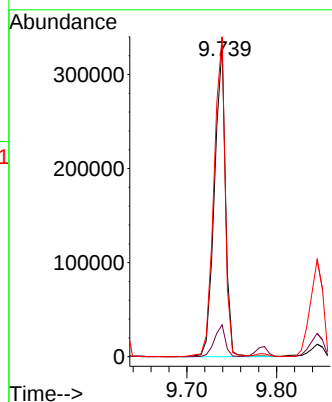
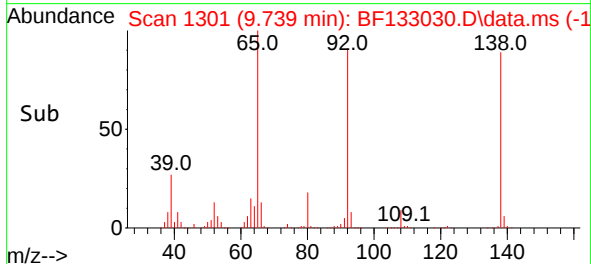
Instrument :
BNA_F
ClientSampleId :
PB152323BS



Tgt Ion:138 Resp: 28168
Ion Ratio Lower Upper
138 100
108 10.2 8.0 12.0
92 102.7 83.6 125.4

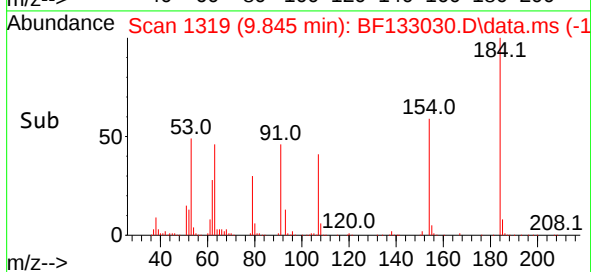
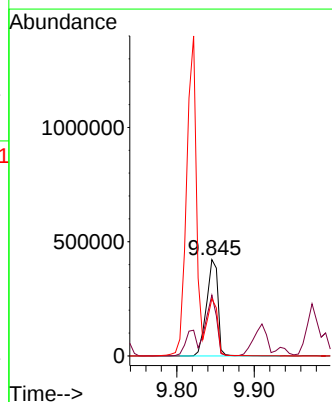
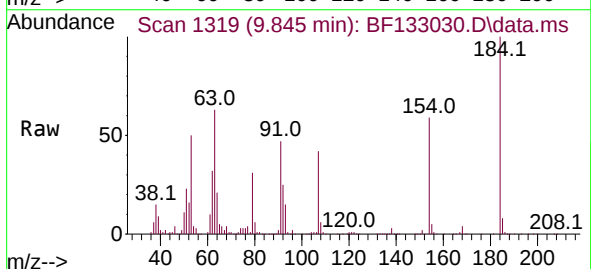
Manual Integrations
APPROVED

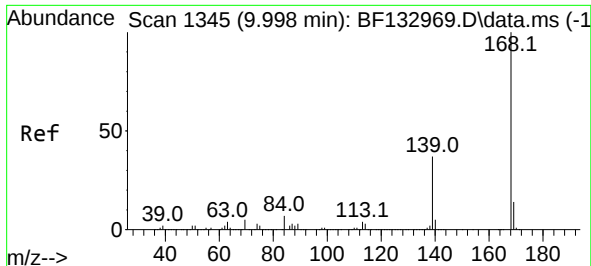
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#54
2,4-Dinitrophenol
Concen: 104.124 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BF133030.D
Acq: 25 Apr 2023 14:09

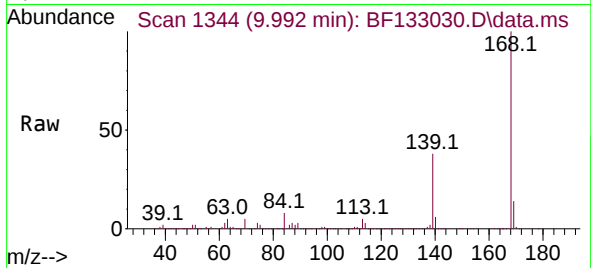
Tgt Ion:184 Resp: 432472
Ion Ratio Lower Upper
184 100
63 63.2 49.8 74.8
154 59.5 49.5 74.3





#55
Dibenzenofuran
Concen: 39.971 ng
RT: 9.992 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133030.D
Acq: 25 Apr 2023 14:09

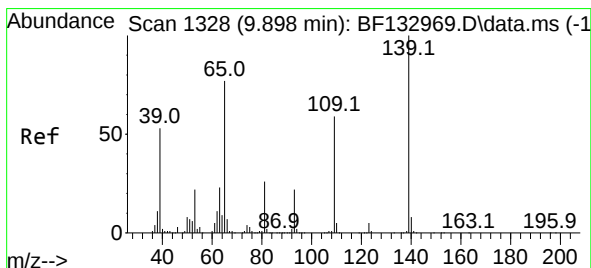
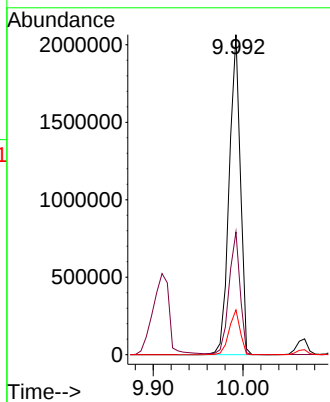
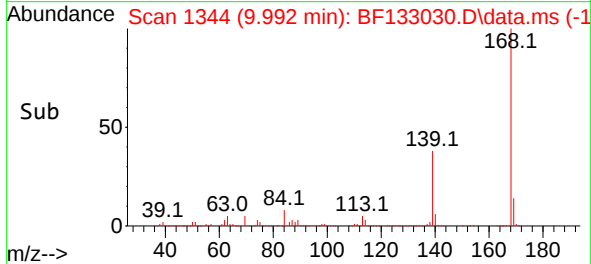
Instrument :
BNA_F
ClientSampleId :
PB152323BS



Tgt Ion:168 Resp: 178305
Ion Ratio Lower Upper
168 100
139 38.3 29.8 44.8
169 14.0 10.8 16.2

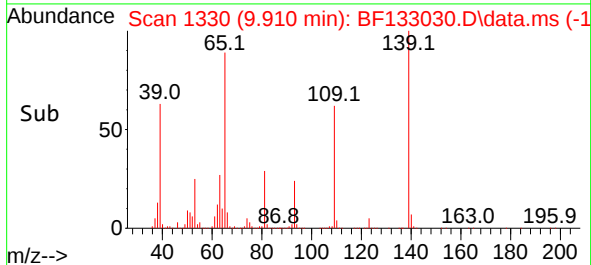
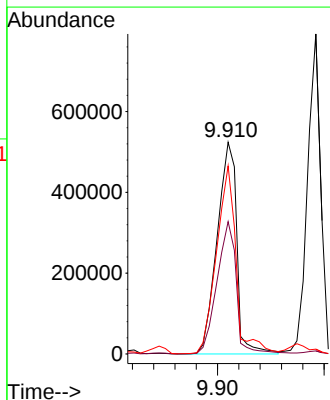
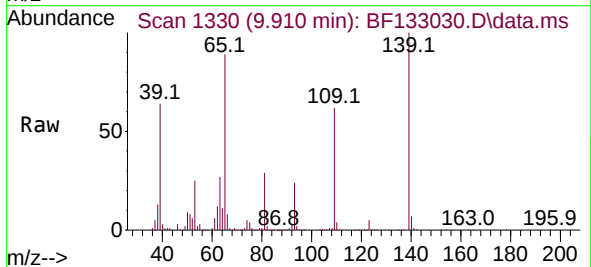
Manual Integrations
APPROVED

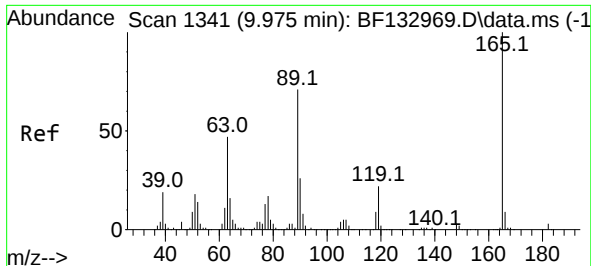
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#56
4-Nitrophenol
Concen: 88.099 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.012 min
Lab File: BF133030.D
Acq: 25 Apr 2023 14:09

Tgt Ion:139 Resp: 670401
Ion Ratio Lower Upper
139 100
109 62.5 39.4 79.4
65 88.8 57.5 97.5





#57

2,4-Dinitrotoluene

Concen: 44.295 ng

RT: 9.975 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133030.D

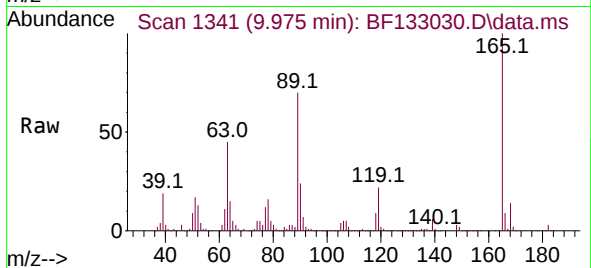
Acq: 25 Apr 2023 14:09

Instrument :

BNA_F

ClientSampleId :

PB152323BS



Tgt Ion:165 Resp: 466760

Ion Ratio Lower Upper

165 100

63 44.7 37.7 56.5

89 69.6 57.0 85.4

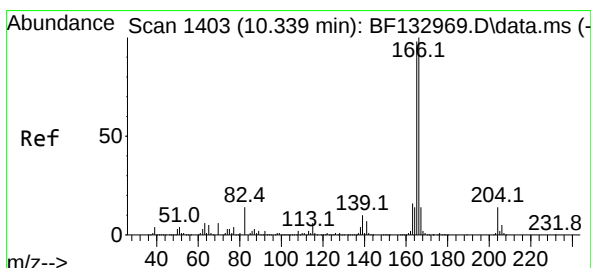
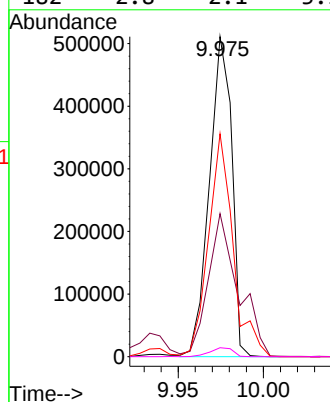
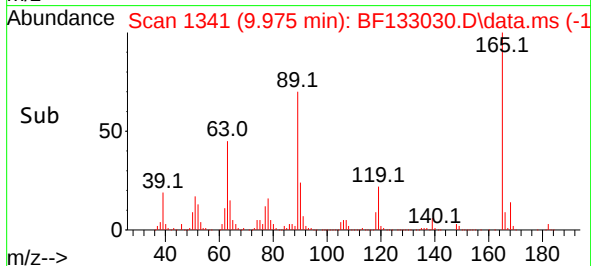
182 2.8 2.1 3.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/26/2023

Supervised By :Jagrut Upadhyay 04/26/2023



#58

Fluorene

Concen: 39.884 ng

RT: 10.333 min Scan# 1402

Delta R.T. -0.006 min

Lab File: BF133030.D

Acq: 25 Apr 2023 14:09

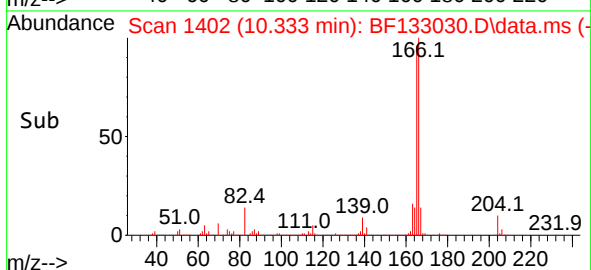
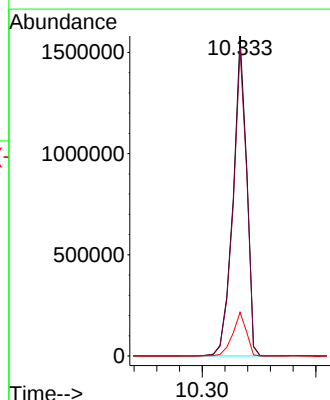
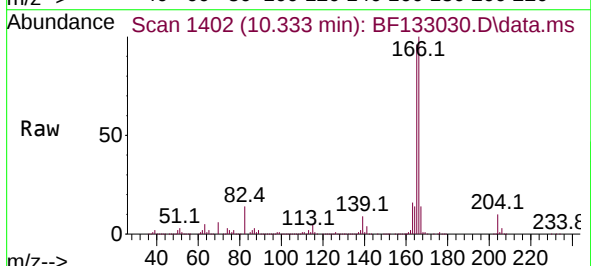
Tgt Ion:166 Resp: 1303518

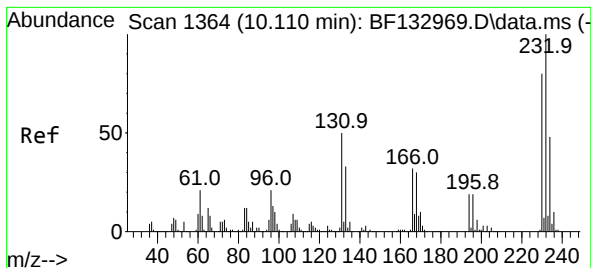
Ion Ratio Lower Upper

166 100

165 96.1 78.6 117.8

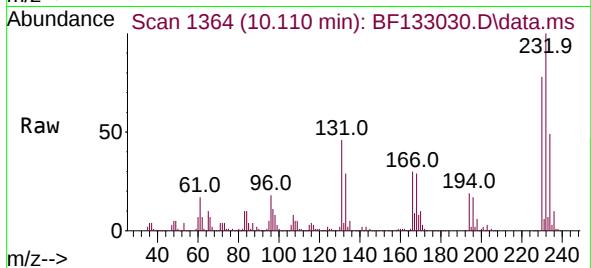
167 13.7 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.150 ng
RT: 10.110 min Scan# 1364
Delta R.T. -0.000 min
Lab File: BF133030.D
Acq: 25 Apr 2023 14:09

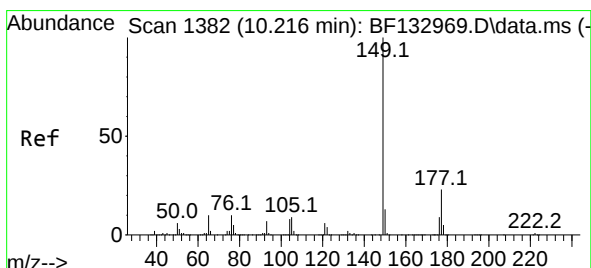
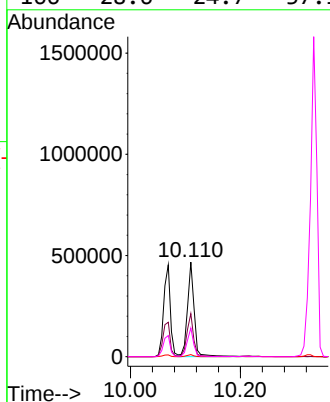
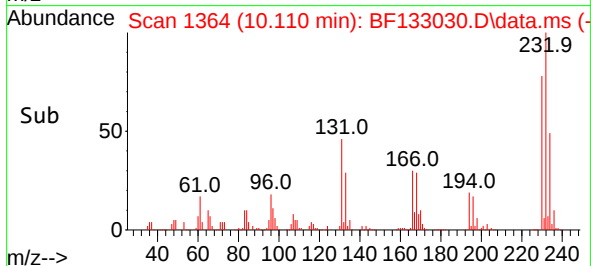
Instrument :
BNA_F
ClientSampleId :
PB152323BS



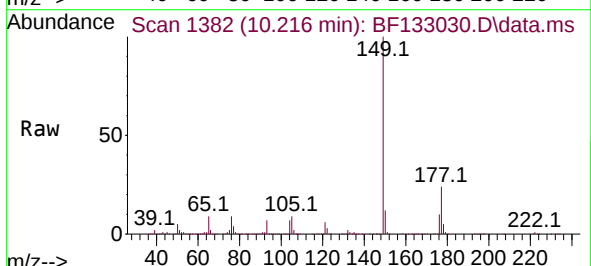
Tgt Ion:232 Resp: 396329
Ion Ratio Lower Upper
232 100
131 44.1 38.0 57.0
130 2.1 1.8 2.8
166 28.6 24.7 37.1

Manual Integrations
APPROVED

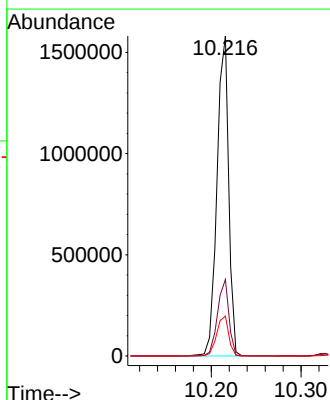
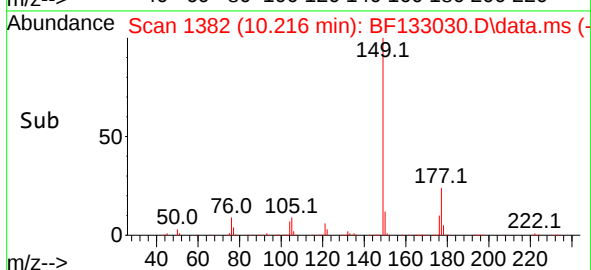
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

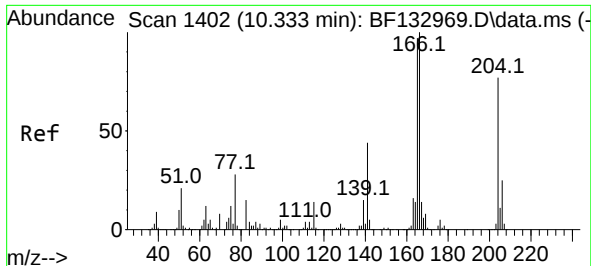


#60
Diethylphthalate
Concen: 41.135 ng
RT: 10.216 min Scan# 1382
Delta R.T. -0.000 min
Lab File: BF133030.D
Acq: 25 Apr 2023 14:09



Tgt Ion:149 Resp: 1426444
Ion Ratio Lower Upper
149 100
177 23.9 18.2 27.4
150 12.4 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 39.848 ng
RT: 10.327 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF133030.D
Acq: 25 Apr 2023 14:09

Instrument :

BNA_F

ClientSampleId :

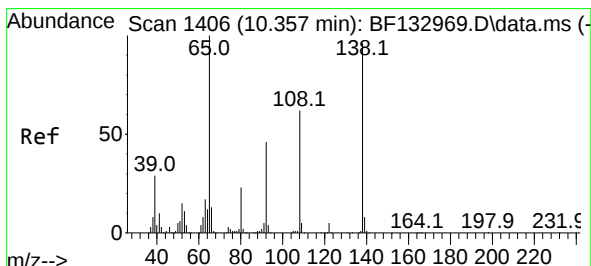
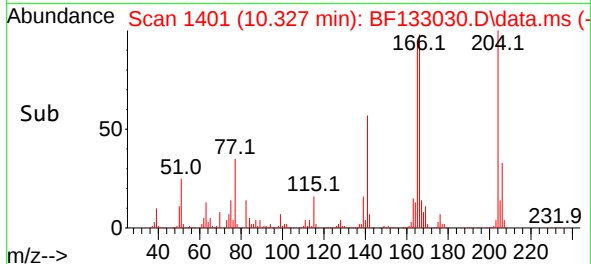
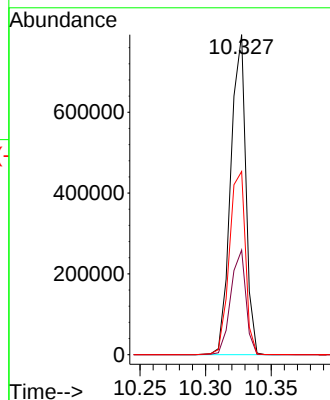
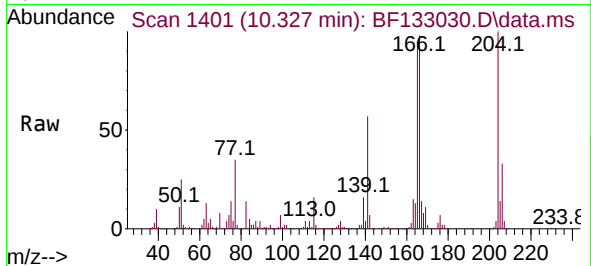
PB152323BS

Tgt Ion:204 Resp: 634649
Ion Ratio Lower Upper
204 100
206 32.7 26.1 39.1
141 57.3 46.1 69.1

Manual Integrations

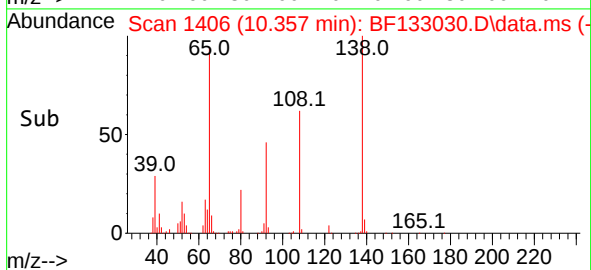
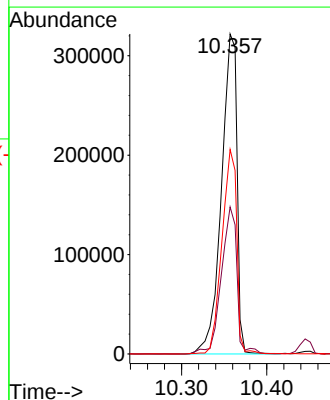
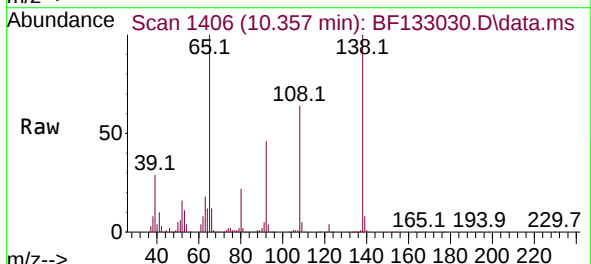
APPROVED

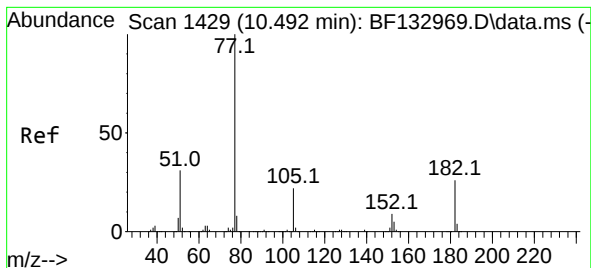
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#62
4-Nitroaniline
Concen: 45.249 ng
RT: 10.357 min Scan# 1406
Delta R.T. -0.000 min
Lab File: BF133030.D
Acq: 25 Apr 2023 14:09

Tgt Ion:138 Resp: 408604
Ion Ratio Lower Upper
138 100
92 45.9 27.7 67.7
108 63.9 45.2 85.2





#63

Azobenzene

Concen: 39.599 ng

RT: 10.486 min Scan# 1428

Delta R.T. -0.006 min

Lab File: BF133030.D

Acq: 25 Apr 2023 14:09

Instrument :

BNA_F

ClientSampleId :

PB152323BS

Tgt Ion: 77 Resp: 145465

Ion Ratio Lower Upper

77 100

182 26.4 5.9 45.9

105 22.9 2.3 42.3

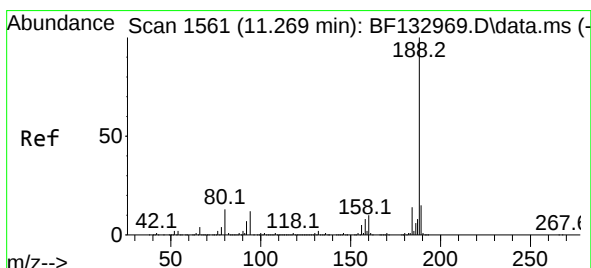
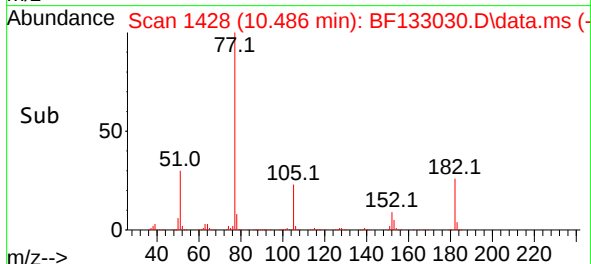
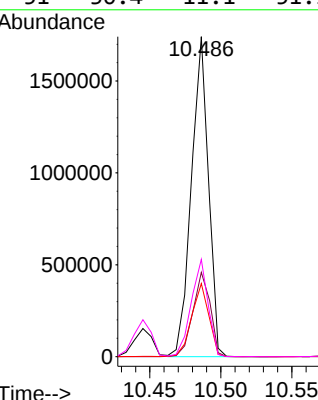
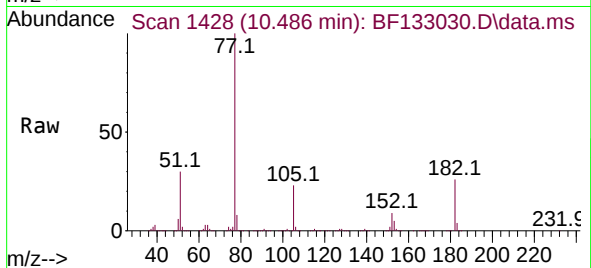
51 30.4 11.1 51.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/26/2023

Supervised By :Jagrut Upadhyay 04/26/2023



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.263 min Scan# 1560

Delta R.T. -0.006 min

Lab File: BF133030.D

Acq: 25 Apr 2023 14:09

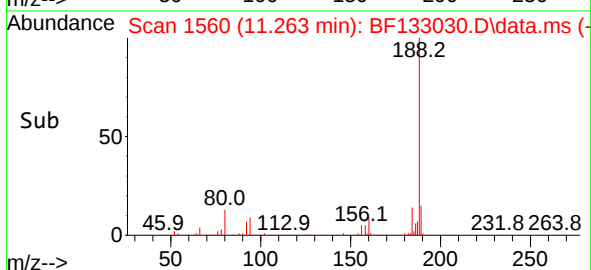
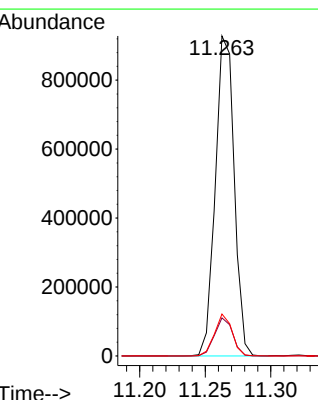
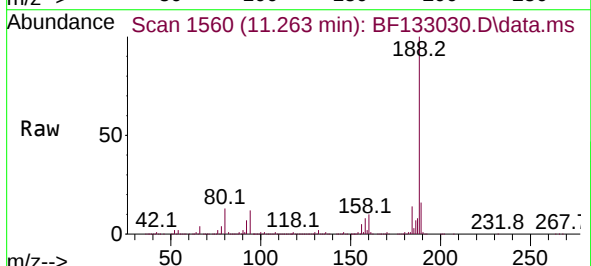
Tgt Ion:188 Resp: 928554

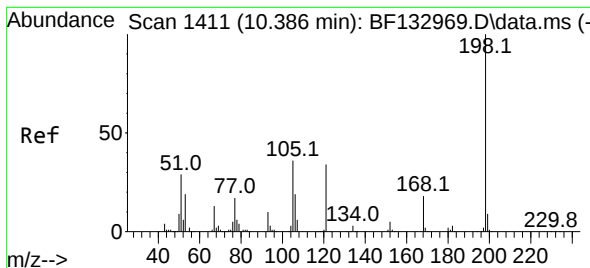
Ion Ratio Lower Upper

188 100

94 11.9 9.7 14.5

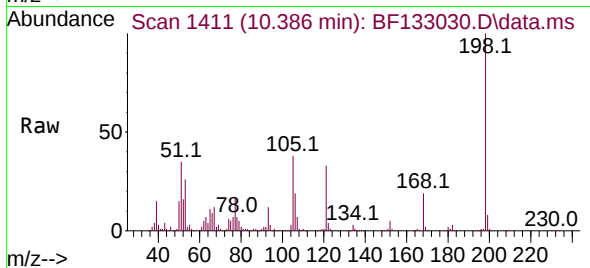
80 13.1 10.4 15.6





#65
4,6-Dinitro-2-methylphenol
Concen: 48.965 ng
RT: 10.386 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF133030.D
Acq: 25 Apr 2023 14:09

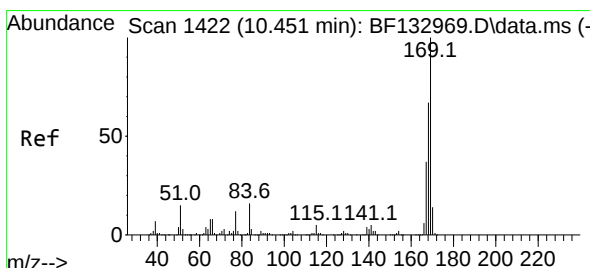
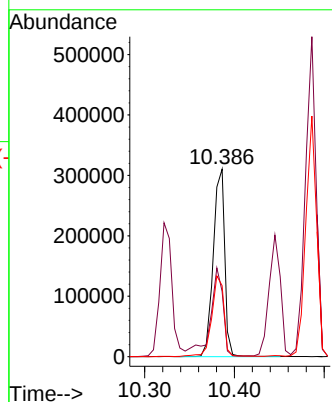
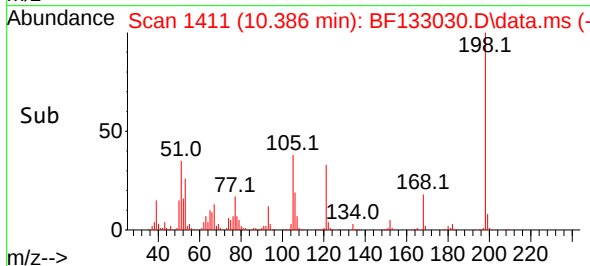
Instrument :
BNA_F
ClientSampleId :
PB152323BS



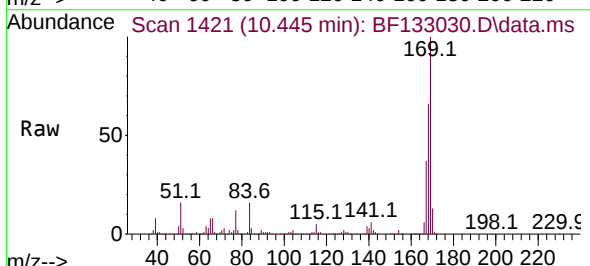
Tgt Ion:198 Resp: 27558
Ion Ratio Lower Upper
198 100
51 34.8 15.5 55.5
105 37.9 16.7 56.7

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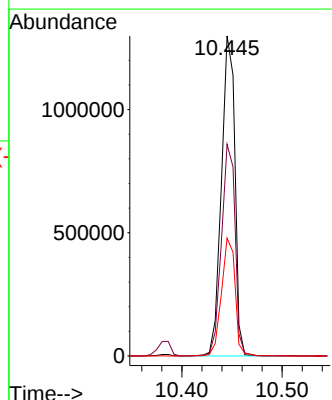
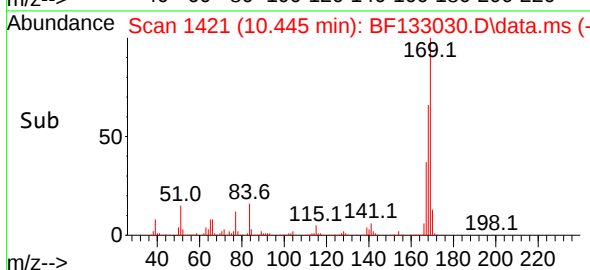
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

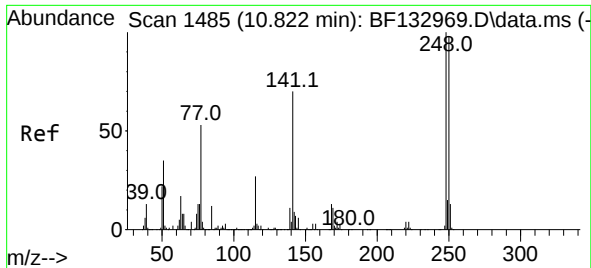


#66
n-Nitrosodiphenylamine
Concen: 40.022 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF133030.D
Acq: 25 Apr 2023 14:09



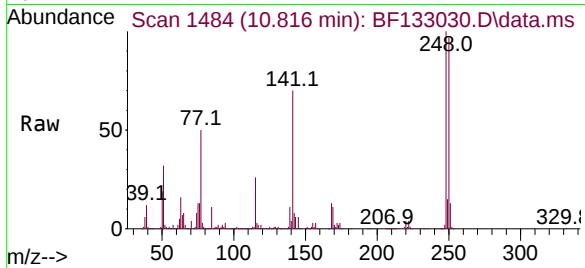
Tgt Ion:169 Resp: 1205458
Ion Ratio Lower Upper
169 100
168 66.2 53.8 80.8
167 36.9 29.7 44.5





#67
4-Bromophenyl-phenylether
Concen: 41.560 ng
RT: 10.816 min Scan# 1485
Delta R.T. -0.006 min
Lab File: BF133030.D
Acq: 25 Apr 2023 14:09

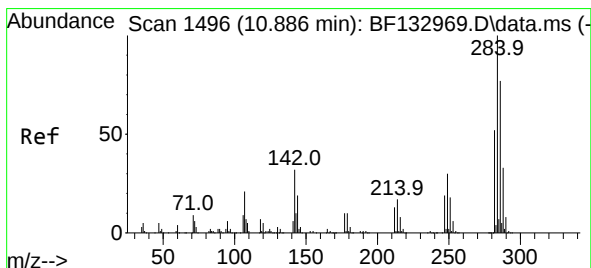
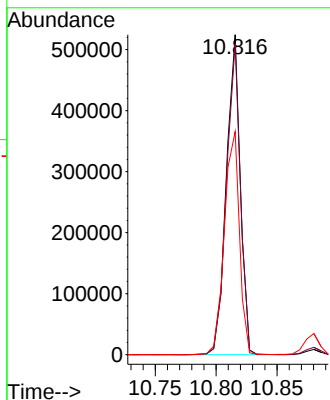
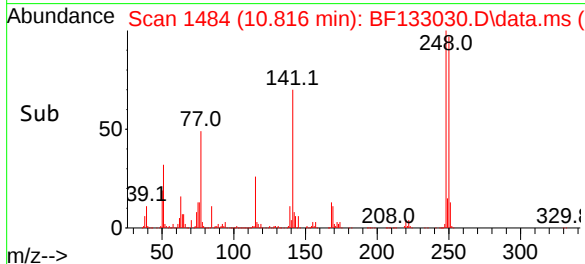
Instrument :
BNA_F
ClientSampleId :
PB152323BS



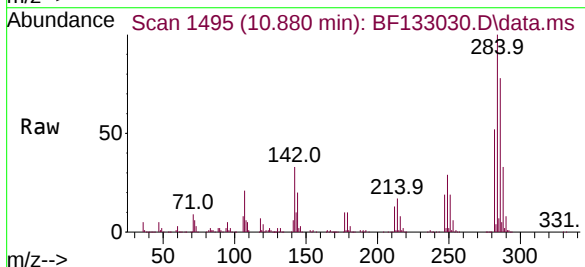
Tgt Ion:248 Resp: 418538
Ion Ratio Lower Upper
248 100
250 97.1 78.7 118.1
141 69.7 56.3 84.5

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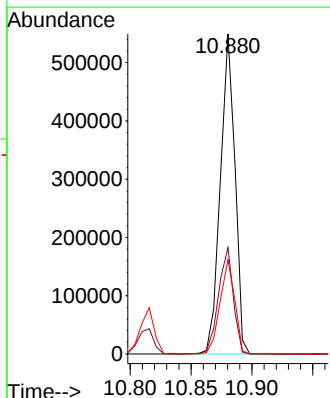
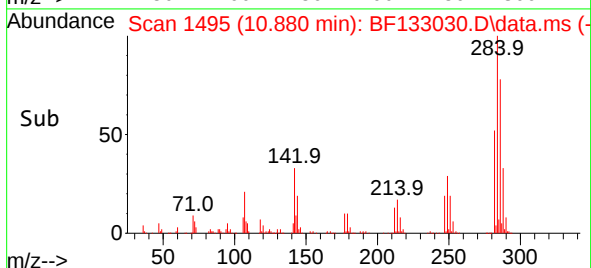
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

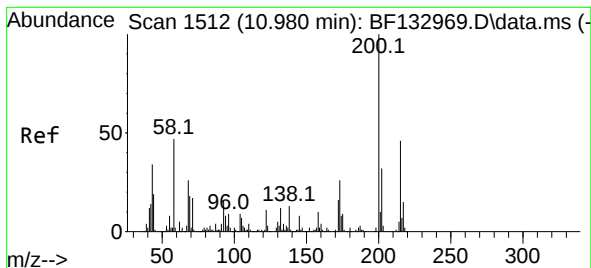


#68
Hexachlorobenzene
Concen: 44.449 ng
RT: 10.880 min Scan# 1495
Delta R.T. -0.006 min
Lab File: BF133030.D
Acq: 25 Apr 2023 14:09



Tgt Ion:284 Resp: 458679
Ion Ratio Lower Upper
284 100
142 33.3 26.0 39.0
249 29.5 23.7 35.5





#69

Atrazine

Concen: 47.616 ng

RT: 10.980 min Scan# 1512

Delta R.T. -0.000 min

Lab File: BF133030.D

Acq: 25 Apr 2023 14:09

Instrument :

BNA_F

ClientSampleId :

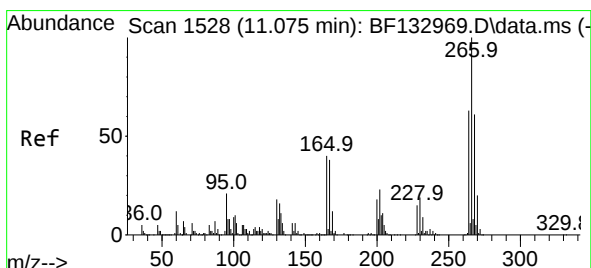
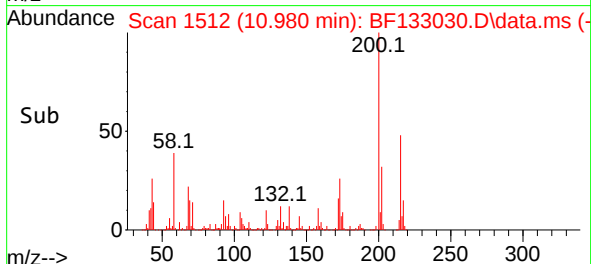
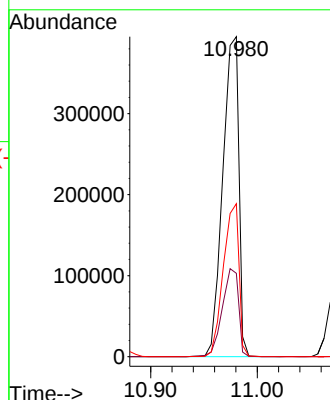
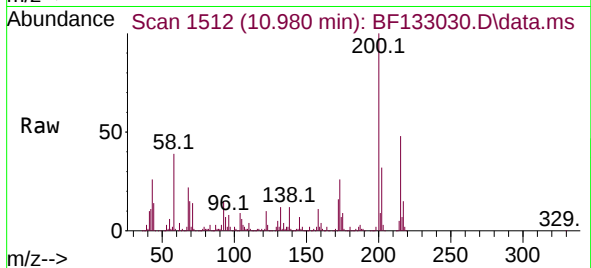
PB152323BS

Tgt Ion:200 Resp: 41325
 Ion Ratio Lower Upper
 200 100
 173 26.0 6.2 46.2
 215 47.8 26.3 66.3

Manual Integrations

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Reviewed By :Christian Giraldo 04/26/2023
 Supervised By :Jagrut Upadhyay 04/26/2023



#70

Pentachlorophenol

Concen: 77.290 ng

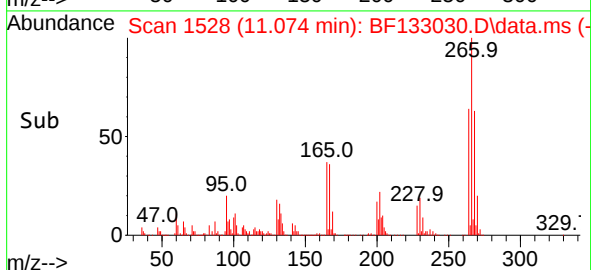
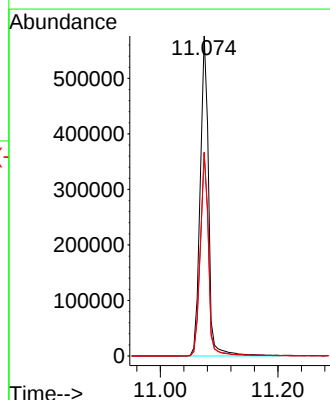
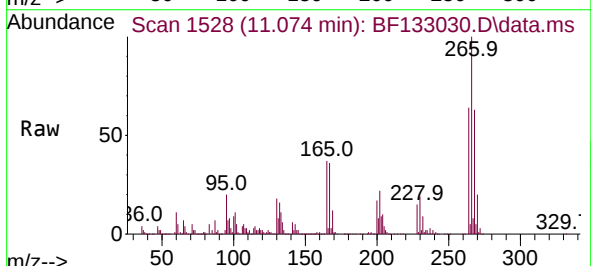
RT: 11.074 min Scan# 1528

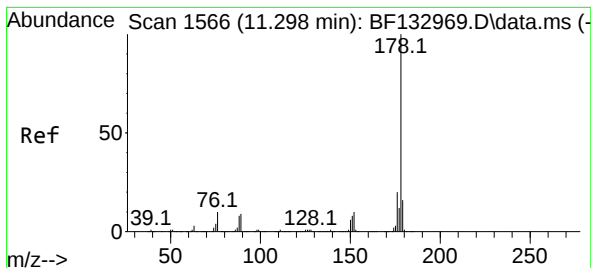
Delta R.T. -0.000 min

Lab File: BF133030.D

Acq: 25 Apr 2023 14:09

Tgt Ion:266 Resp: 568034
 Ion Ratio Lower Upper
 266 100
 268 63.4 48.8 73.2
 264 63.8 50.6 76.0





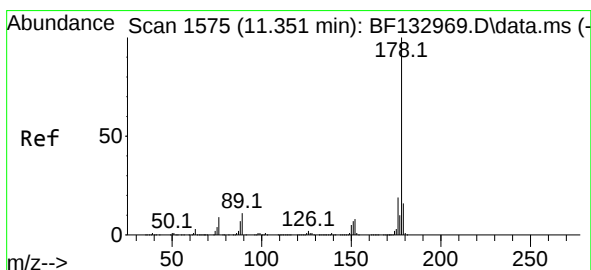
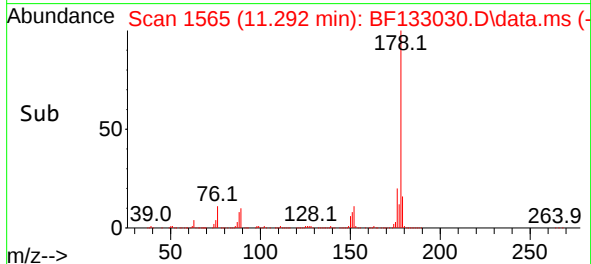
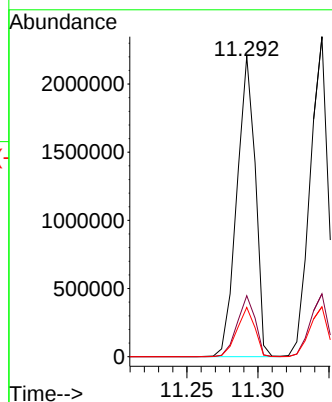
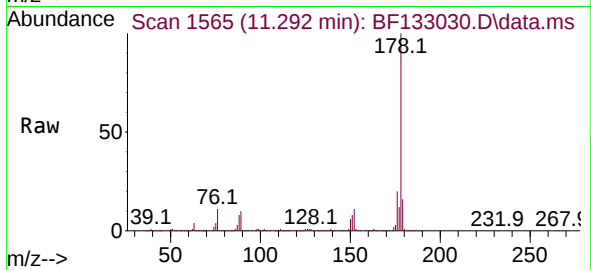
#71
Phenanthrene
Concen: 39.828 ng
RT: 11.292 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BF133030.D
Acq: 25 Apr 2023 14:09

Instrument :
BNA_F
ClientSampleId :
PB152323BS

Tgt Ion:178 Resp: 198771
Ion Ratio Lower Upper
178 100
176 20.3 15.9 23.9
179 16.4 12.5 18.7

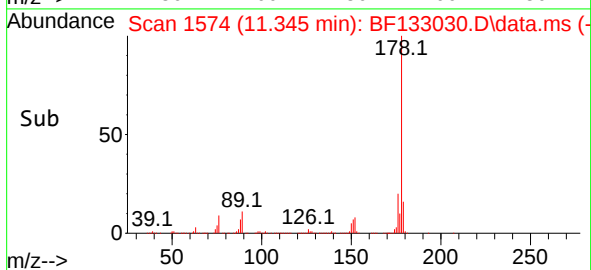
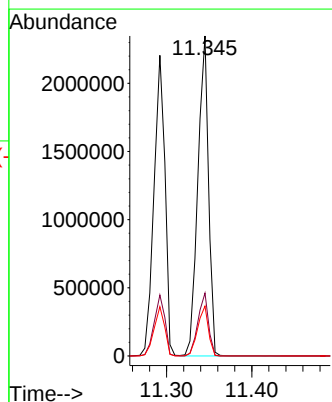
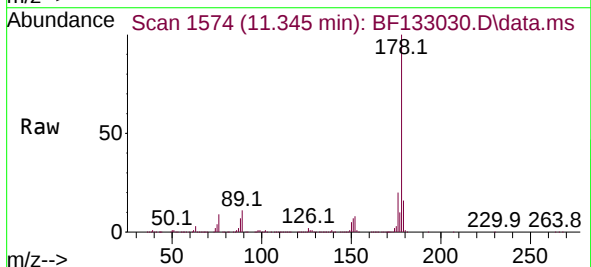
Manual Integrations
APPROVED

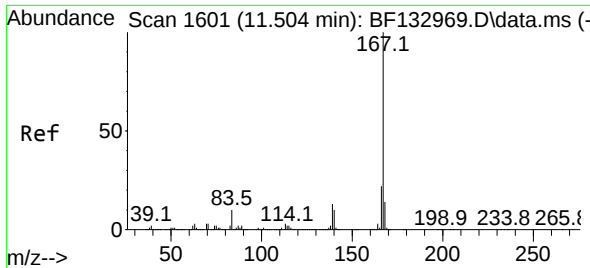
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#72
Anthracene
Concen: 40.214 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF133030.D
Acq: 25 Apr 2023 14:09

Tgt Ion:178 Resp: 2053896
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.0
179 15.6 12.4 18.6





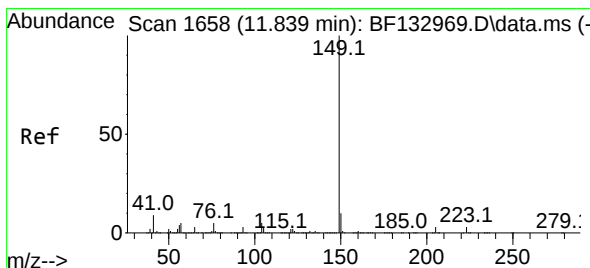
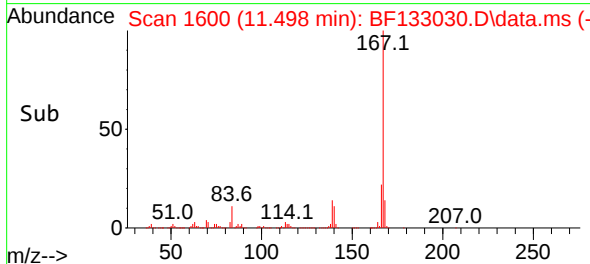
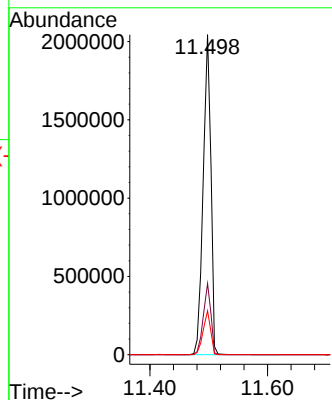
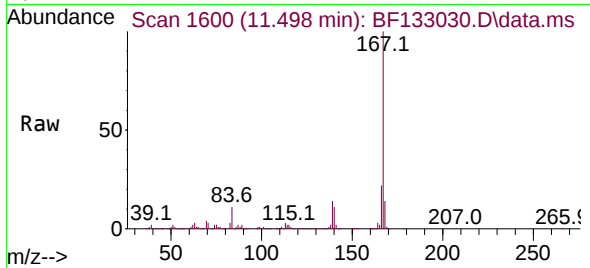
#73
Carbazole
Concen: 41.084 ng
RT: 11.498 min Scan# 1600
Delta R.T. -0.006 min
Lab File: BF133030.D
Acq: 25 Apr 2023 14:09

Instrument :
BNA_F
ClientSampleId :
PB152323BS

Tgt Ion:167 Resp: 186842
Ion Ratio Lower Upper
167 100
166 22.2 17.4 26.0
139 13.7 10.6 16.0

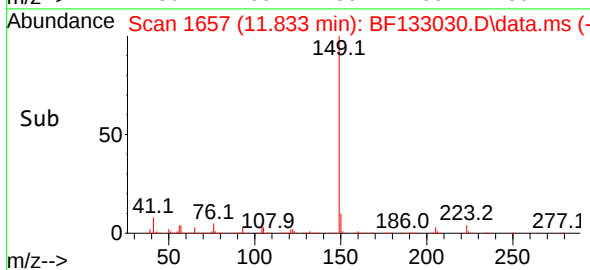
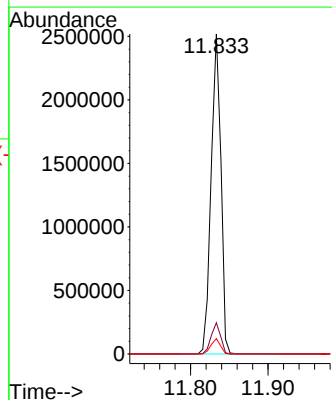
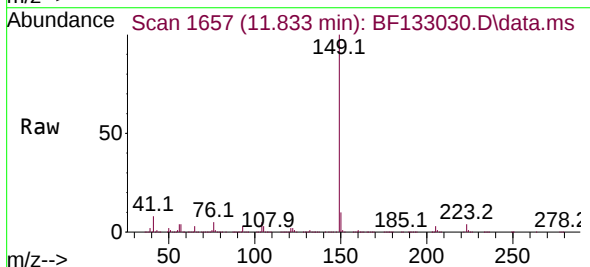
Manual Integrations
APPROVED

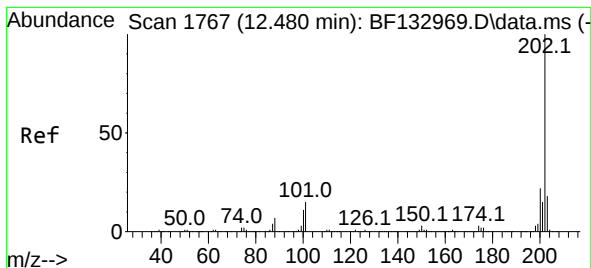
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#74
Di-n-butylphthalate
Concen: 42.799 ng
RT: 11.833 min Scan# 1657
Delta R.T. -0.006 min
Lab File: BF133030.D
Acq: 25 Apr 2023 14:09

Tgt Ion:149 Resp: 2202684
Ion Ratio Lower Upper
149 100
150 9.8 7.6 11.4
104 4.8 4.0 6.0





#75

Fluoranthene

Concen: 40.635 ng

RT: 12.474 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133030.D

Acq: 25 Apr 2023 14:09

Instrument :

BNA_F

ClientSampleId :

PB152323BS

Tgt Ion:202 Resp: 2035294

Ion Ratio Lower Upper

202 100

101 15.0 0.0 35.3

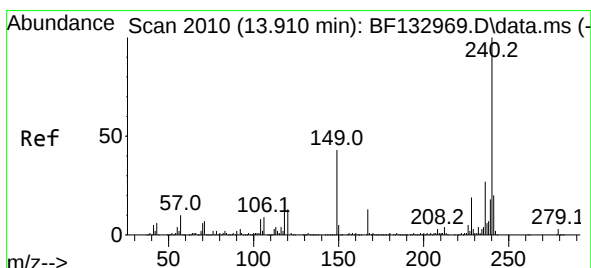
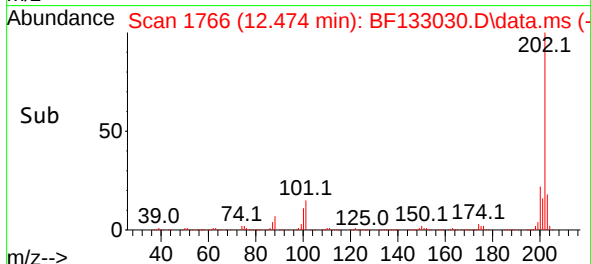
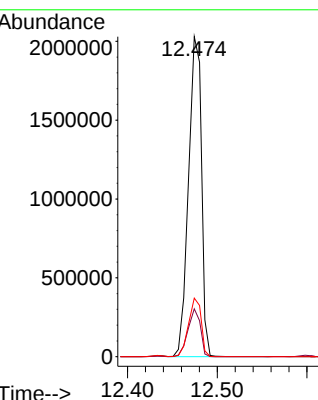
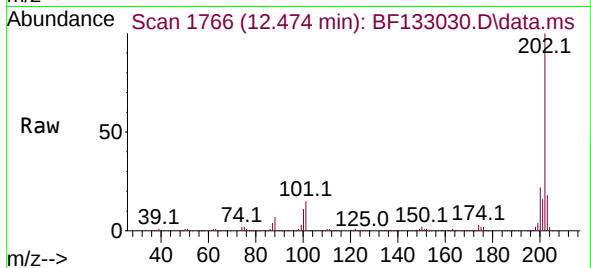
203 18.3 0.0 38.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/26/2023

Supervised By :Jagrut Upadhyay 04/26/2023



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.904 min Scan# 2009

Delta R.T. -0.006 min

Lab File: BF133030.D

Acq: 25 Apr 2023 14:09

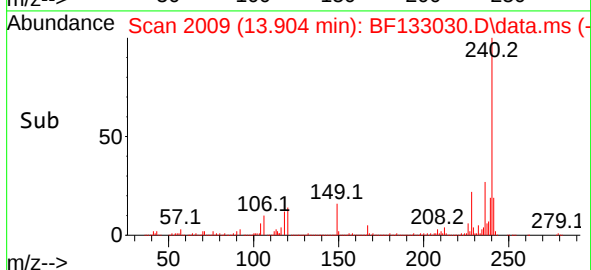
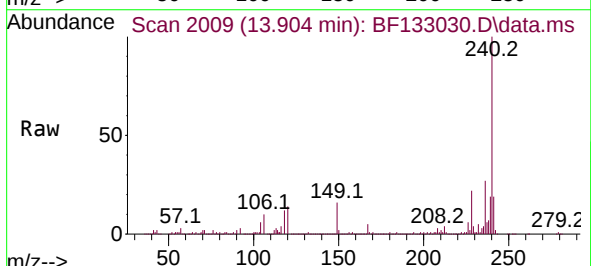
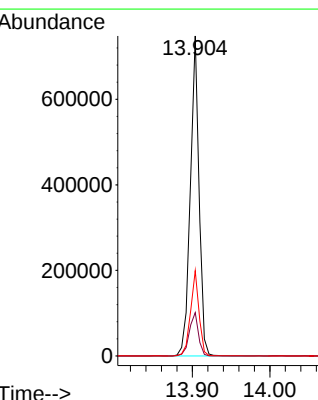
Tgt Ion:240 Resp: 585097

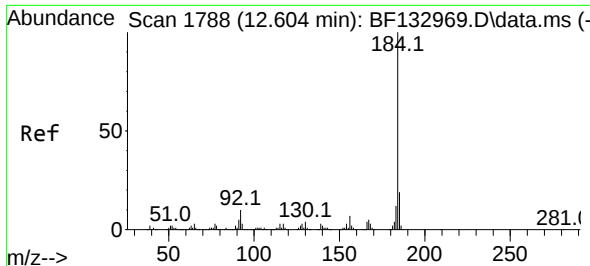
Ion Ratio Lower Upper

240 100

120 13.5 10.5 15.7

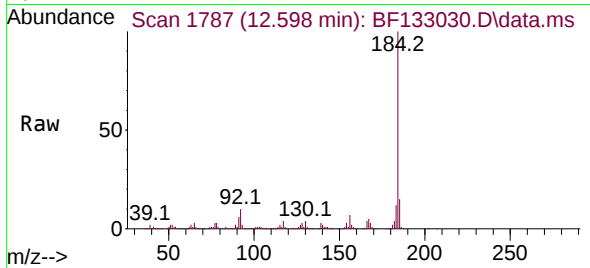
236 26.6 21.5 32.3





#77
Benzidine
Concen: 110.926 ng
RT: 12.598 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133030.D
Acq: 25 Apr 2023 14:09

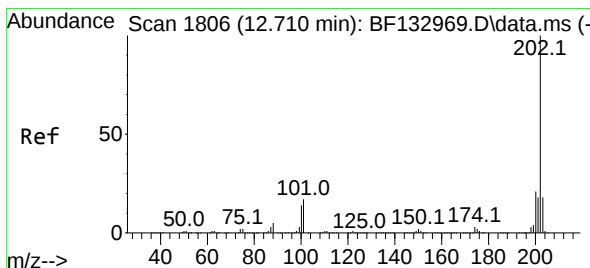
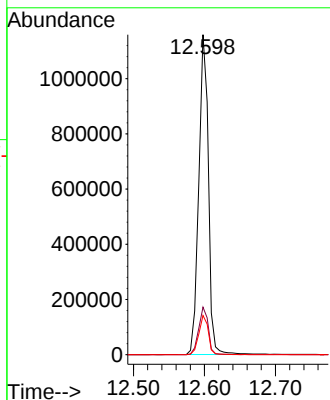
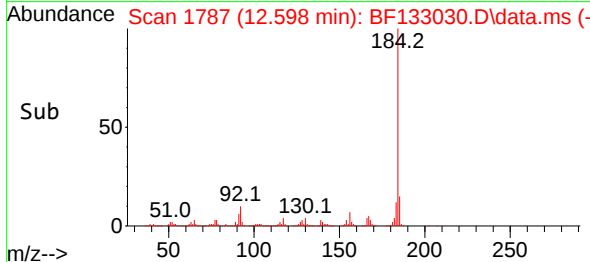
Instrument :
BNA_F
ClientSampleId :
PB152323BS



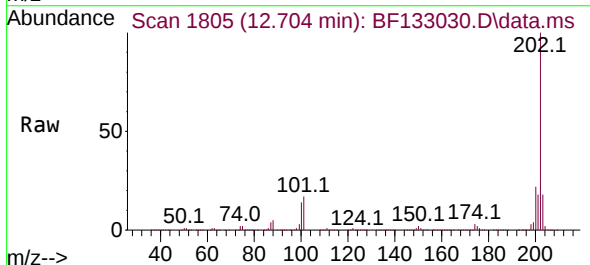
Tgt Ion:184 Resp: 109753
Ion Ratio Lower Upper
184 100
185 14.9 15.4 23.2
183 12.2 9.4 14.0

Manual Integrations
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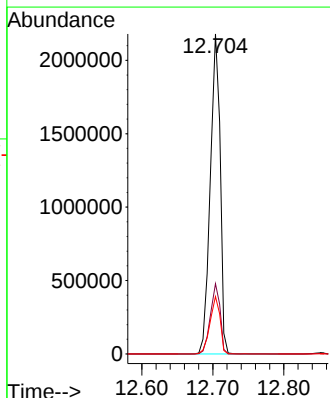
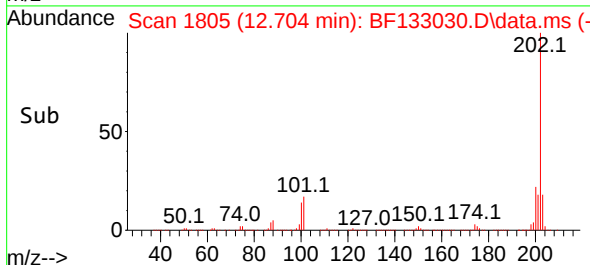
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

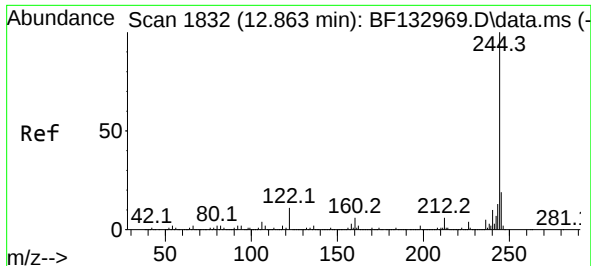


#78
Pyrene
Concen: 42.110 ng
RT: 12.704 min Scan# 1805
Delta R.T. -0.006 min
Lab File: BF133030.D
Acq: 25 Apr 2023 14:09



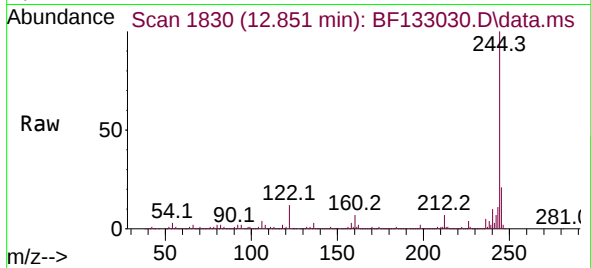
Tgt Ion:202 Resp: 2112061
Ion Ratio Lower Upper
202 100
200 21.9 17.1 25.7
203 17.9 14.1 21.1





#79
 Terphenyl-d14
 Concen: 69.358 ng
 RT: 12.851 min Scan# 1832
 Delta R.T. -0.012 min
 Lab File: BF133030.D
 Acq: 25 Apr 2023 14:09

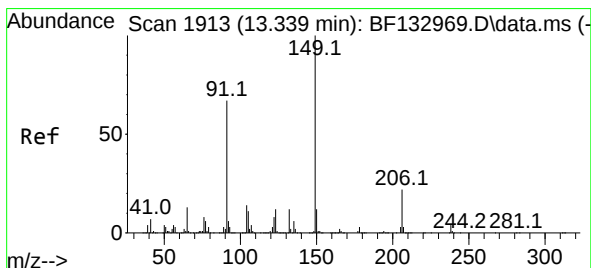
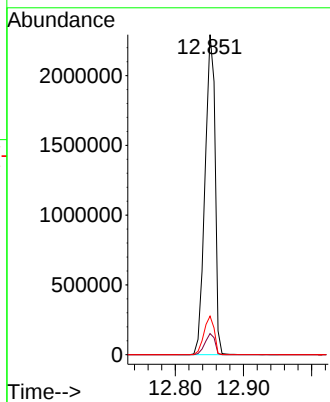
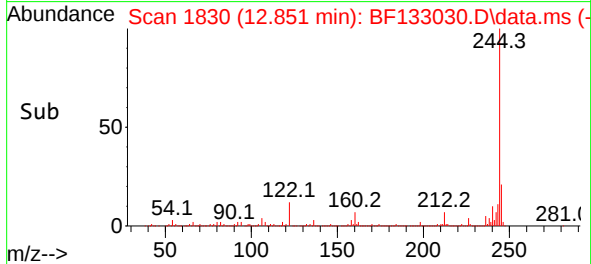
Instrument :
 BNA_F
 ClientSampleId :
 PB152323BS



Tgt Ion:244 Resp: 235297
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.1 7.7
 122 12.0 8.6 13.0

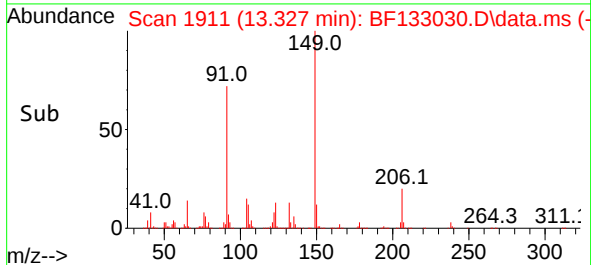
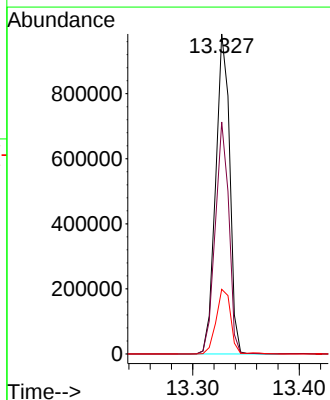
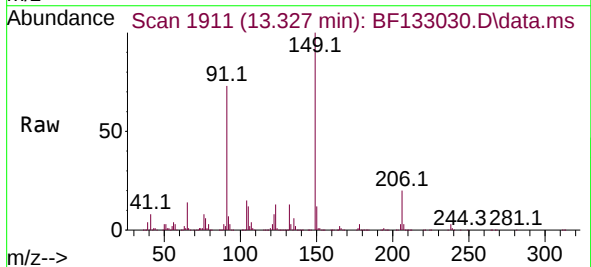
Manual Integrations
 APPROVED

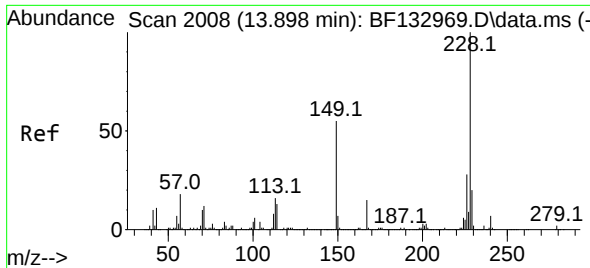
Reviewed By :Christian Giraldo 04/26/2023
 Supervised By :Jagrut Upadhyay 04/26/2023



#80
 Butylbenzylphthalate
 Concen: 50.722 ng
 RT: 13.327 min Scan# 1911
 Delta R.T. -0.012 min
 Lab File: BF133030.D
 Acq: 25 Apr 2023 14:09

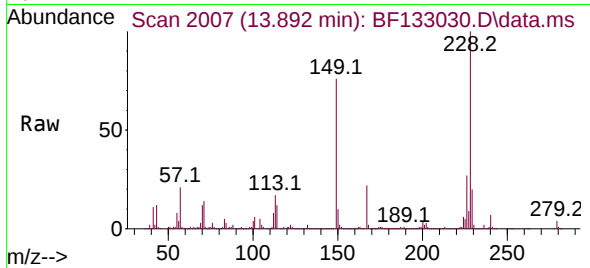
Tgt Ion:149 Resp: 900770
 Ion Ratio Lower Upper
 149 100
 91 72.5 53.8 80.6
 206 20.2 17.5 26.3





#81
Benzo(a)anthracene
Concen: 40.796 ng
RT: 13.892 min Scan# 2001
Delta R.T. -0.006 min
Lab File: BF133030.D
Acq: 25 Apr 2023 14:09

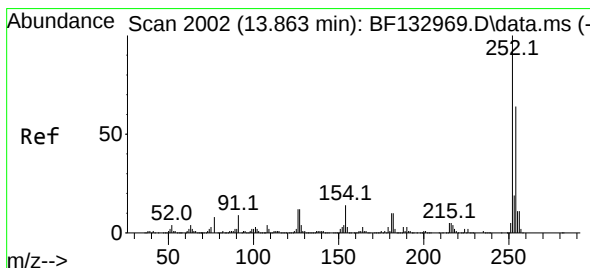
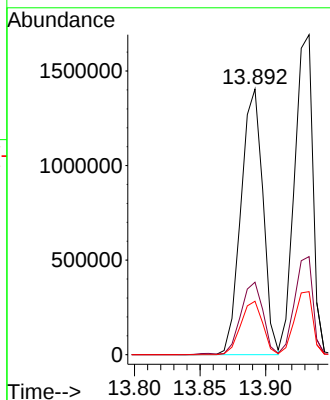
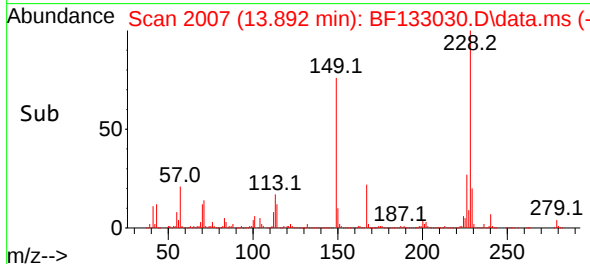
Instrument :
BNA_F
ClientSampleId :
PB152323BS



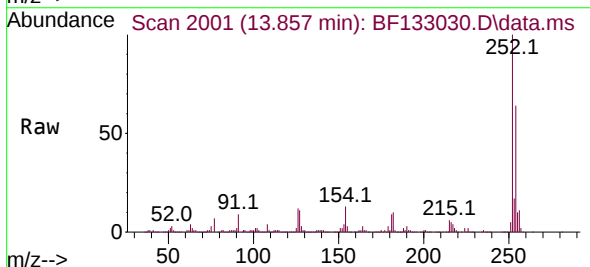
Tgt Ion:228 Resp: 164142
Ion Ratio Lower Upper
228 100
226 27.3 22.2 33.4
229 20.1 16.0 24.0

Manual Integrations
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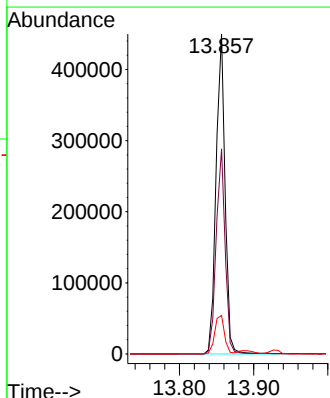
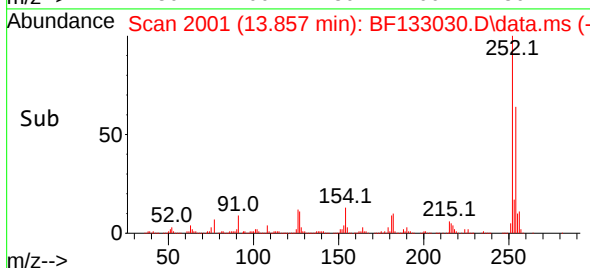
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

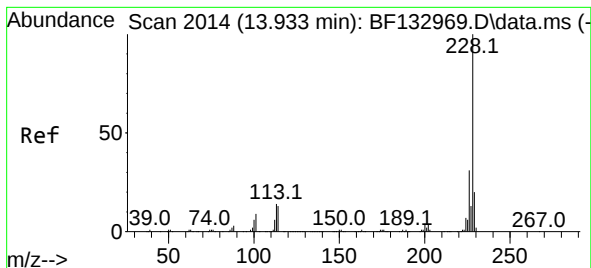


#82
3,3'-Dichlorobenzidine
Concen: 33.996 ng
RT: 13.857 min Scan# 2001
Delta R.T. -0.006 min
Lab File: BF133030.D
Acq: 25 Apr 2023 14:09



Tgt Ion:252 Resp: 377870
Ion Ratio Lower Upper
252 100
254 64.1 51.5 77.3
126 12.1 9.5 14.3





#83

Chrysene

Concen: 40.950 ng

RT: 13.933 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF133030.D

Acq: 25 Apr 2023 14:09

Instrument :

BNA_F

ClientSampleId :

PB152323BS

Tgt Ion:228 Resp: 164723

Ion Ratio Lower Upper

228 100

226 30.6 24.7 37.1

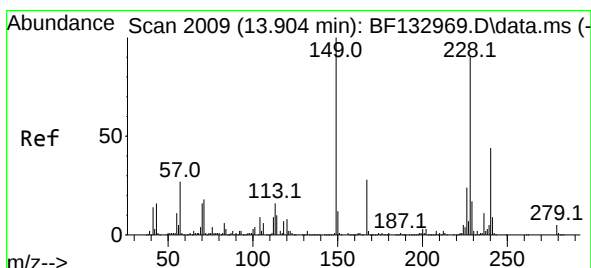
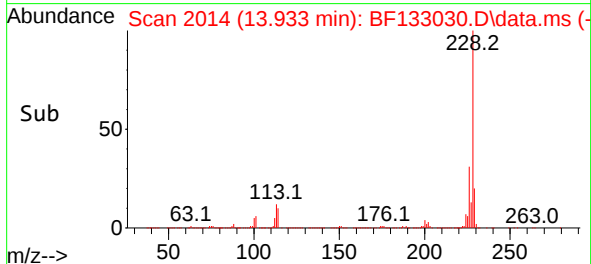
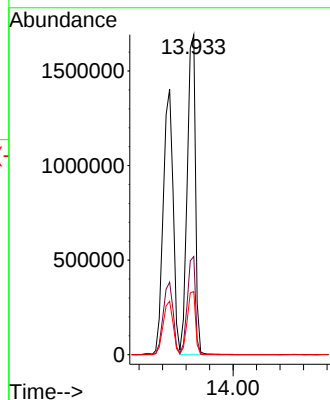
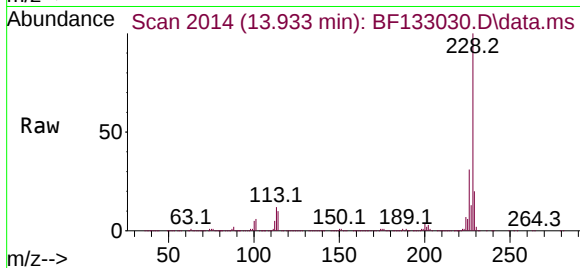
229 19.7 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/26/2023

Supervised By :Jagrut Upadhyay 04/26/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.124 ng

RT: 13.892 min Scan# 2007

Delta R.T. -0.012 min

Lab File: BF133030.D

Acq: 25 Apr 2023 14:09

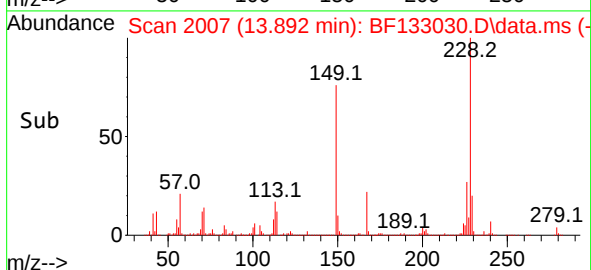
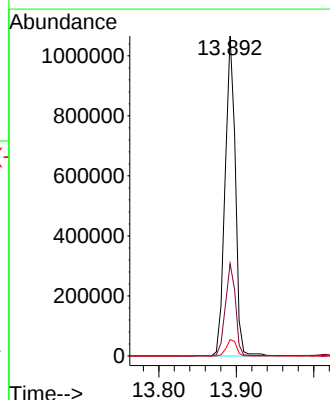
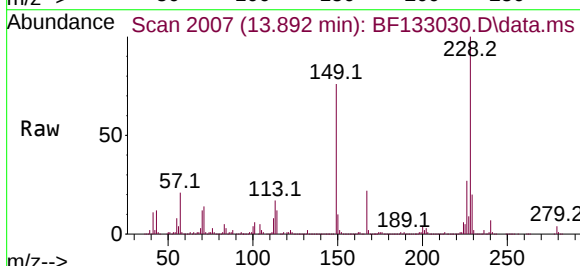
Tgt Ion:149 Resp: 983567

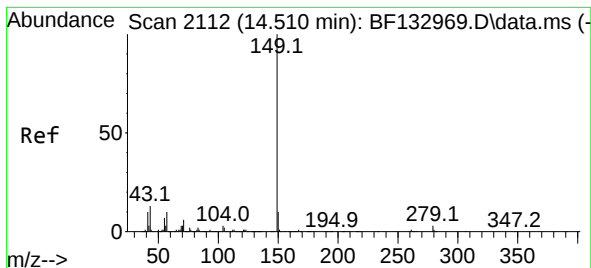
Ion Ratio Lower Upper

149 100

167 28.8 22.5 33.7

279 5.1 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 45.963 ng

RT: 14.504 min Scan# 2111

Delta R.T. -0.006 min

Lab File: BF133030.D

Acq: 25 Apr 2023 14:09

Instrument :

BNA_F

ClientSampleId :

PB152323BS

Tgt Ion:149 Resp: 167060

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

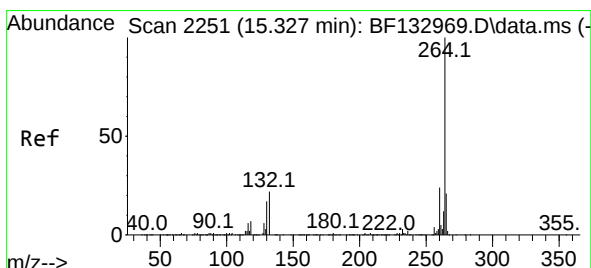
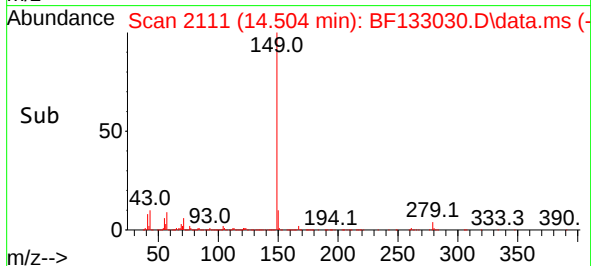
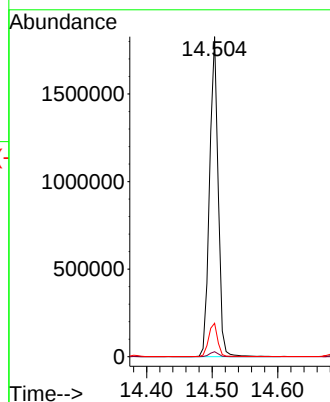
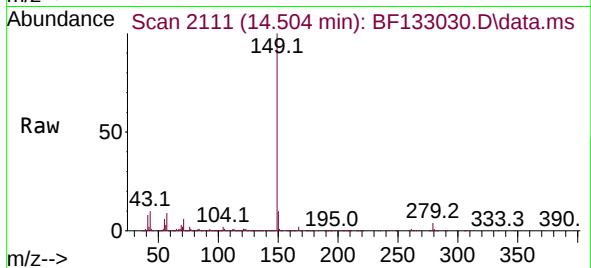
43 11.0 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/26/2023

Supervised By :Jagrut Upadhyay 04/26/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.321 min Scan# 2250

Delta R.T. -0.006 min

Lab File: BF133030.D

Acq: 25 Apr 2023 14:09

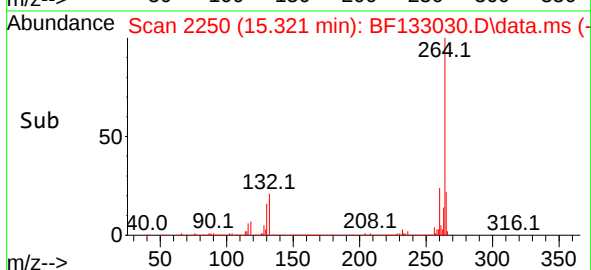
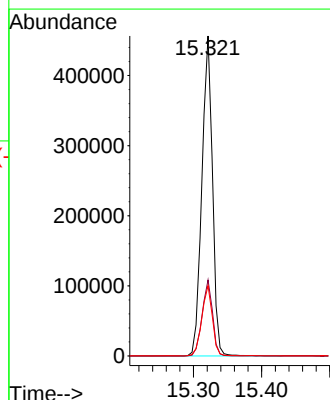
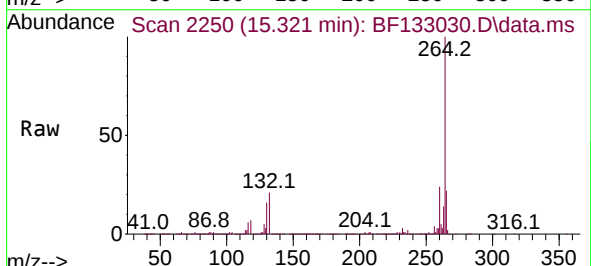
Tgt Ion:264 Resp: 493951

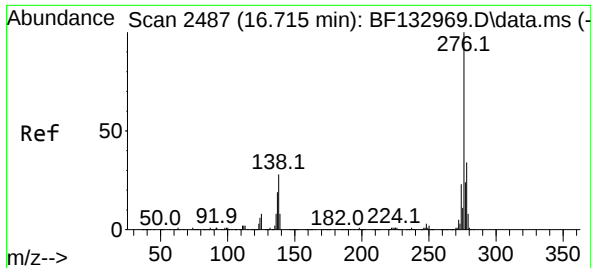
Ion Ratio Lower Upper

264 100

260 23.7 18.8 28.2

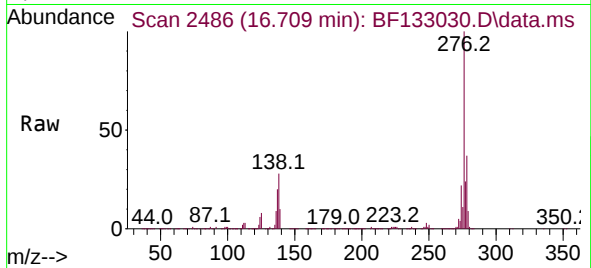
265 21.9 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 49.551 ng
RT: 16.709 min Scan# 2487
Delta R.T. -0.006 min
Lab File: BF133030.D
Acq: 25 Apr 2023 14:09

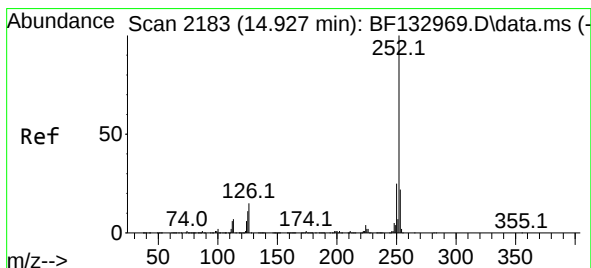
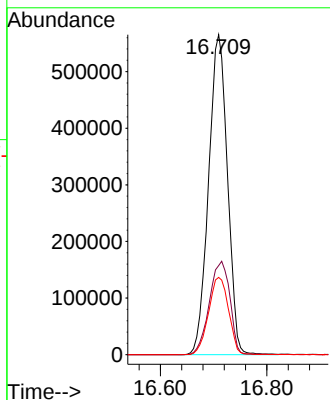
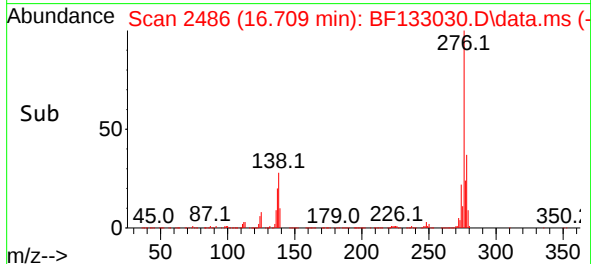
Instrument :
BNA_F
ClientSampleId :
PB152323BS



Tgt Ion:276 Resp: 1392224
Ion Ratio Lower Upper
276 100
138 31.9 25.5 38.3
277 25.6 20.4 30.6

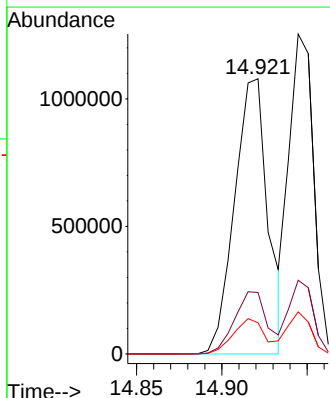
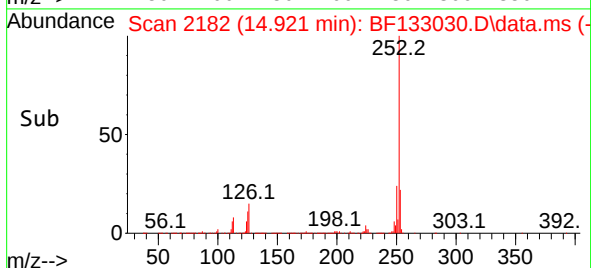
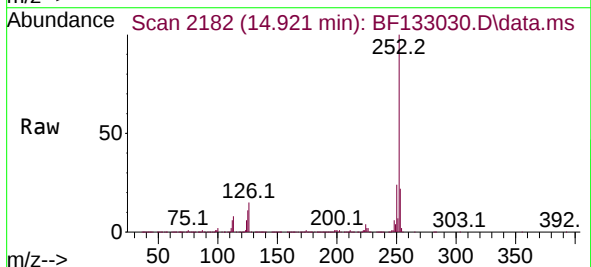
Manual Integrations
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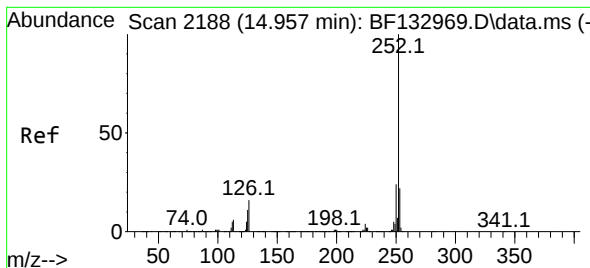
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#88
Benzo(b)fluoranthene
Concen: 46.797 ng
RT: 14.921 min Scan# 2182
Delta R.T. -0.006 min
Lab File: BF133030.D
Acq: 25 Apr 2023 14:09

Tgt Ion:252 Resp: 1470564
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 11.3 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 40.753 ng

RT: 14.945 min Scan# 2188

Delta R.T. -0.012 min

Lab File: BF133030.D

Acq: 25 Apr 2023 14:09

Instrument :

BNA_F

ClientSampleId :

PB152323BS

Tgt Ion:252 Resp: 126949

Ion Ratio Lower Upper

252 100

253 23.0 17.7 26.5

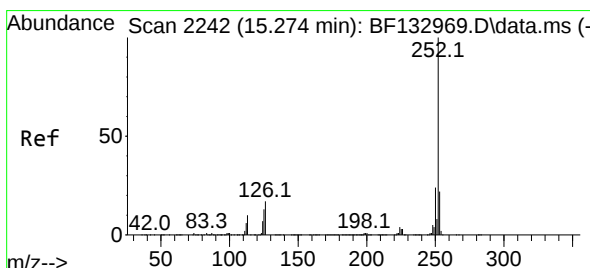
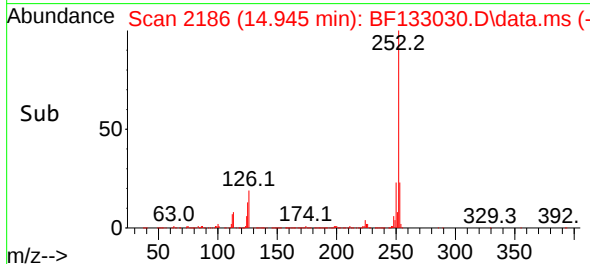
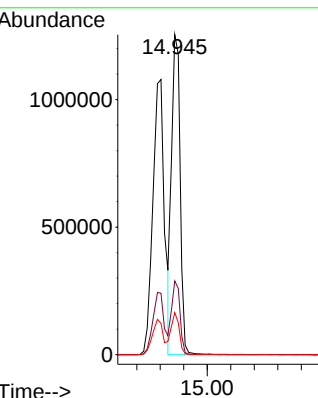
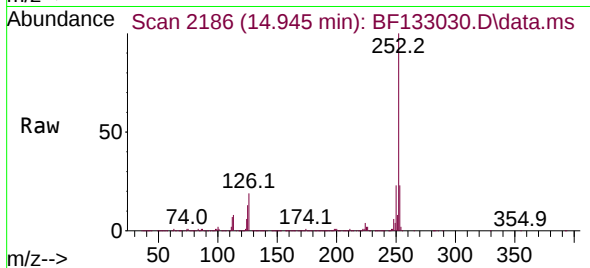
125 13.1 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/26/2023

Supervised By :Jagrut Upadhyay 04/26/2023



#90

Benzo(a)pyrene

Concen: 40.203 ng

RT: 15.262 min Scan# 2240

Delta R.T. -0.012 min

Lab File: BF133030.D

Acq: 25 Apr 2023 14:09

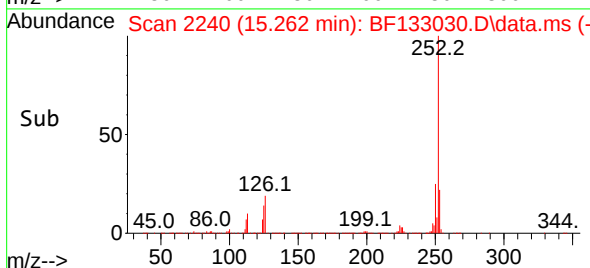
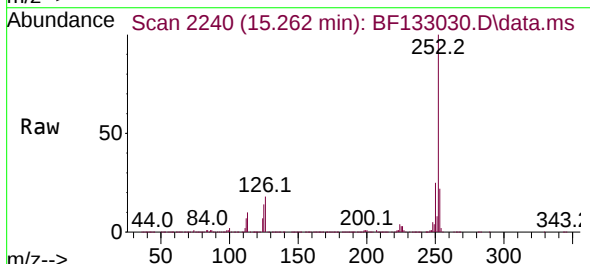
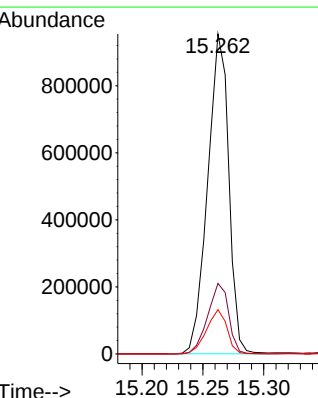
Tgt Ion:252 Resp: 1149911

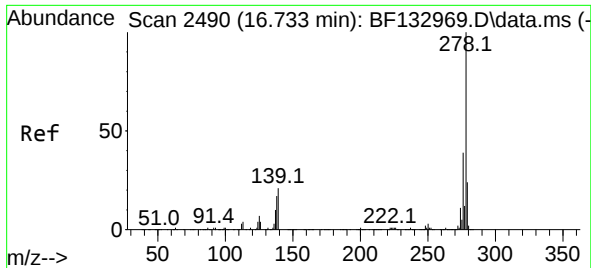
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

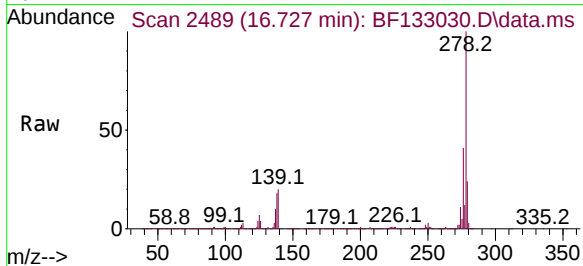
125 13.9 10.5 15.7





#91
Dibenzo(a,h)anthracene
Concen: 49.408 ng
RT: 16.727 min Scan# 2490
Delta R.T. -0.006 min
Lab File: BF133030.D
Acq: 25 Apr 2023 14:09

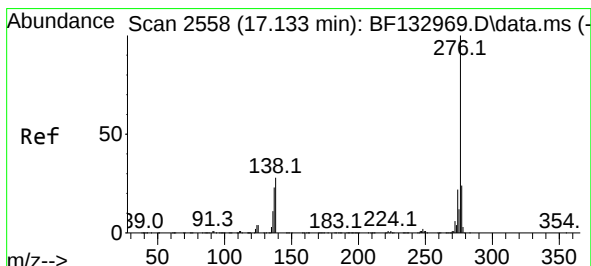
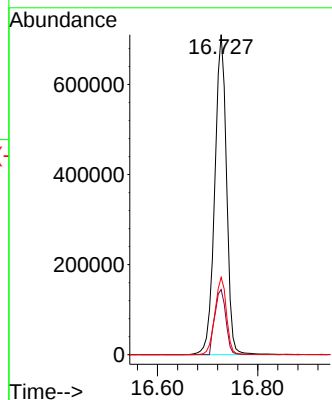
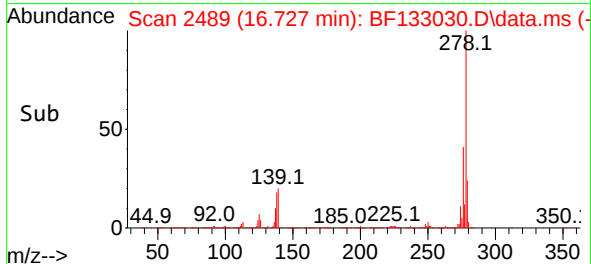
Instrument :
BNA_F
ClientSampleId :
PB152323BS



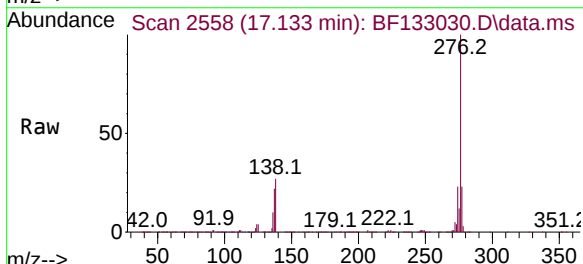
Tgt Ion:278 Resp: 115783
Ion Ratio Lower Upper
278 100
139 20.3 16.6 24.8
279 24.1 18.8 28.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#92
Benzo(g,h,i)perylene
Concen: 50.736 ng
RT: 17.133 min Scan# 2558
Delta R.T. -0.000 min
Lab File: BF133030.D
Acq: 25 Apr 2023 14:09



Tgt Ion:276 Resp: 1173816
Ion Ratio Lower Upper
276 100
277 23.4 19.4 29.0
138 26.8 22.7 34.1

