

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083122\
 Data File : BF130066.D
 Acq On : 31 Aug 2022 23:18
 Operator : CG\JU
 Sample : PB147324BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147324BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/01/2022
 Supervised By : Jagrut Upadhyay 09/01/2022

Quant Time: Sep 01 03:34:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 18:15:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	271691	20.000	ng	0.00
21) Naphthalene-d8	7.986	136	1095186	20.000	ng	# 0.00
39) Acenaphthene-d10	9.739	164	564144	20.000	ng	0.00
64) Phenanthrene-d10	11.222	188	915256	20.000	ng	# 0.00
76) Chrysene-d12	13.851	240	526901	20.000	ng	# 0.00
86) Perylene-d12	15.251	264	476960	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	1912234	119.485	ng	0.02
7) Phenol-d6	6.345	99	2413970	120.987	ng	0.00
23) Nitrobenzene-d5	7.275	82	1488610	87.352	ng	0.00
42) 2,4,6-Tribromophenol	10.533	330	661449	128.805	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	2569659	75.519	ng	0.00
79) Terphenyl-d14	12.810	244	2600200	85.577	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.487	88	260908	34.884	ng	96
3) Pyridine	3.193	79	708767	35.340	ng	92
4) n-Nitrosodimethylamine	3.140	42	342127	43.377	ng	85
6) Aniline	6.369	93	996712	39.845	ng	# 50
8) 2-Chlorophenol	6.492	128	820983	46.738	ng	98
9) Benzaldehyde	6.257	77	436288	35.725	ng	95
10) Phenol	6.357	94	929411	41.211	ng	# 67
11) bis(2-Chloroethyl)ether	6.451	93	769090	44.883	ng	98
12) 1,3-Dichlorobenzene	6.645	146	818315	42.024	ng	97
13) 1,4-Dichlorobenzene	6.722	146	832858	42.461	ng	98
14) 1,2-Dichlorobenzene	6.875	146	793721	44.516	ng	98
15) Benzyl Alcohol	6.857	79	565156m	42.024	ng	
16) 2,2'-oxybis(1-Chloropr...	6.987	45	1015757	43.617	ng	# 51
17) 2-Methylphenol	6.963	107	643881	43.568	ng	# 86
18) Hexachloroethane	7.216	117	311968	44.045	ng	98
19) n-Nitroso-di-n-propyla...	7.134	70	511103	42.521	ng	93
20) 3+4-Methylphenols	7.122	107	708731	40.895	ng	# 72
22) Acetophenone	7.122	105	1010556	41.301	ng	# 93
24) Nitrobenzene	7.292	77	790184	43.600	ng	100
25) Isophorone	7.534	82	1504739	43.626	ng	99
26) 2-Nitrophenol	7.610	139	404648	47.563	ng	88
27) 2,4-Dimethylphenol	7.645	122	718908m	49.673	ng	
28) bis(2-Chloroethoxy)met...	7.745	93	945614	45.640	ng	98
29) 2,4-Dichlorophenol	7.845	162	645722	41.711	ng	99
30) 1,2,4-Trichlorobenzene	7.928	180	663206	40.630	ng	96
31) Naphthalene	8.010	128	2228424	40.343	ng	99
32) Benzoic acid	7.786	122	528850	45.198	ng	100
33) 4-Chloroaniline	8.063	127	766165	34.332	ng	97
34) Hexachlorobutadiene	8.128	225	378376	40.474	ng	99
35) Caprolactam	8.445	113	202510m	42.213	ng	
36) 4-Chloro-3-methylphenol	8.551	107	657390	41.965	ng	91
37) 2-Methylnaphthalene	8.698	142	1443291	40.563	ng	99
38) 1-Methylnaphthalene	8.798	142	1382331	39.969	ng	98
40) 1,2,4,5-Tetrachloroben...	8.869	216	588835	40.028	ng	98
41) Hexachlorocyclopentadiene	8.851	237	774643	100.760	ng	97
43) 2,4,6-Trichlorophenol	8.981	196	419206	39.923	ng	99

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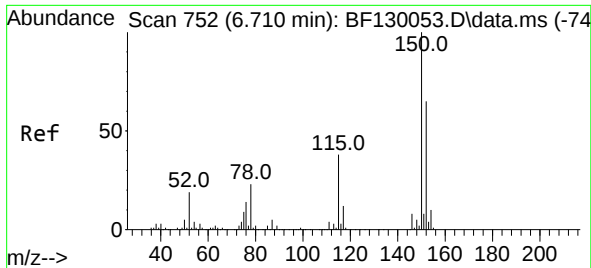
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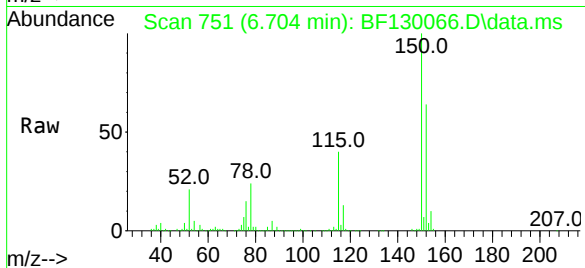
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.016	196	499555	43.893	ng	97
46) 1,1'-Biphenyl	9.169	154	1675472	40.880	ng	100
47) 2-Chloronaphthalene	9.186	162	1316462	40.088	ng	99
48) 2-Nitroaniline	9.286	65	398323	49.222	ng	91
49) Acenaphthylene	9.604	152	2012504	40.357	ng	99
50) Dimethylphthalate	9.475	163	1574489	40.976	ng	99
51) 2,6-Dinitrotoluene	9.533	165	350857	46.833	ng	93
52) Acenaphthene	9.775	154	1392376m	44.305	ng	
53) 3-Nitroaniline	9.698	138	320867	37.315	ng	98
54) 2,4-Dinitrophenol	9.804	184	310603	90.176	ng	95
55) Dibenzofuran	9.945	168	1798390	39.962	ng	98
56) 4-Nitrophenol	9.863	139	572802	86.402	ng	91
57) 2,4-Dinitrotoluene	9.933	165	438270	50.812	ng	# 90
58) Fluorene	10.292	166	1325388	38.707	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.063	232	363584	41.131	ng	# 77
60) Diethylphthalate	10.175	149	1504007	40.459	ng	99
61) 4-Chlorophenyl-phenyle...	10.286	204	595660	39.352	ng	96
62) 4-Nitroaniline	10.322	138	376002	44.961	ng	95
63) Azobenzene	10.445	77	1459420	39.874	ng	93
65) 4,6-Dinitro-2-methylph...	10.339	198	186133	43.806	ng	95
66) n-Nitrosodiphenylamine	10.404	169	1277668	41.759	ng	99
67) 4-Bromophenyl-phenylether	10.775	248	424196	41.668	ng	92
68) Hexachlorobenzene	10.833	284	462787	41.719	ng	# 88
69) Atrazine	10.939	200	405239	46.817	ng	99
70) Pentachlorophenol	11.027	266	529911	85.428	ng	96
71) Phenanthrene	11.245	178	1956155	39.410	ng	98
72) Anthracene	11.298	178	1985512	40.692	ng	99
73) Carbazole	11.457	167	1843132	40.963	ng	100
74) Di-n-butylphthalate	11.792	149	2265981	41.763	ng	100
75) Fluoranthene	12.427	202	1979200	40.211	ng	95
77) Benzidine	12.557	184	1140665	80.183	ng	99
78) Pyrene	12.657	202	1996614	42.247	ng	99
80) Butylbenzylphthalate	13.286	149	902540	48.013	ng	98
81) Benzo(a)anthracene	13.839	228	1490217	41.270	ng	99
82) 3,3'-Dichlorobenzidine	13.810	252	447230	39.717	ng	99
83) Chrysene	13.880	228	1454501	40.857	ng	100
84) Bis(2-ethylhexyl)phtha...	13.845	149	1086725	46.509	ng	100
85) Di-n-octyl phthalate	14.457	149	1815445	49.187	ng	98
87) Indeno(1,2,3-cd)pyrene	16.604	276	1325745	42.137	ng	# 94
88) Benzo(b)fluoranthene	14.857	252	1387473	43.622	ng	98
89) Benzo(k)fluoranthene	14.886	252	1292052	42.002	ng	98
90) Benzo(a)pyrene	15.198	252	1156102	45.743	ng	99
91) Dibenzo(a,h)anthracene	16.627	278	1145789	44.506	ng	# 96
92) Benzo(g,h,i)perylene	17.015	276	1126066	43.718	ng	# 93

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.704 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF130066.D
 Acq: 31 Aug 2022 23:18

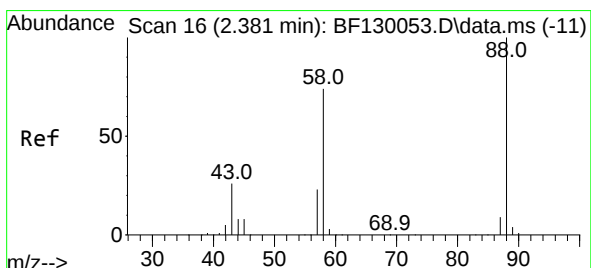
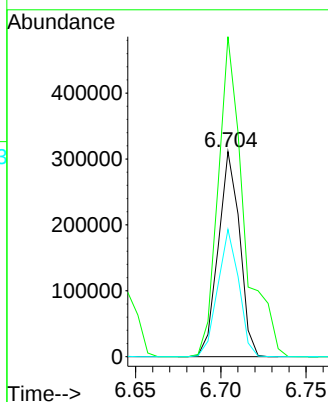
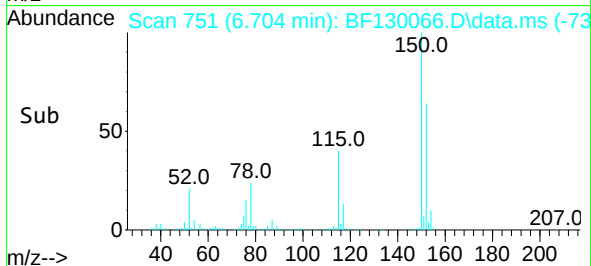
Instrument :
 BNA_F
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 PB147324BS



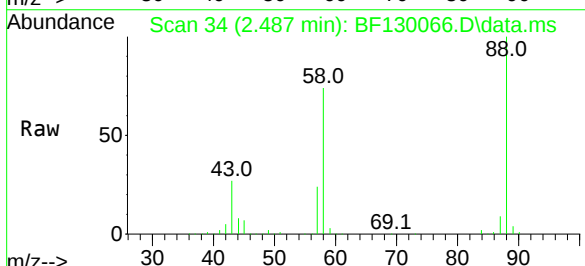
Tgt Ion: 152 Resp: 27169
 Ion Ratio Lower Upper
 152 100
 150 156.0 126.9 190.3
 115 62.0 53.4 80.0

Manual Integrations
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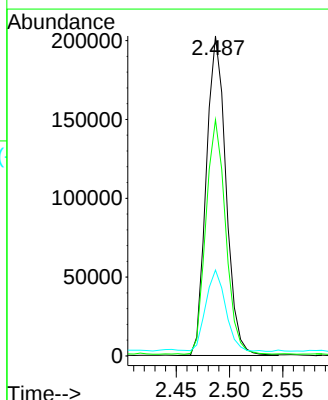
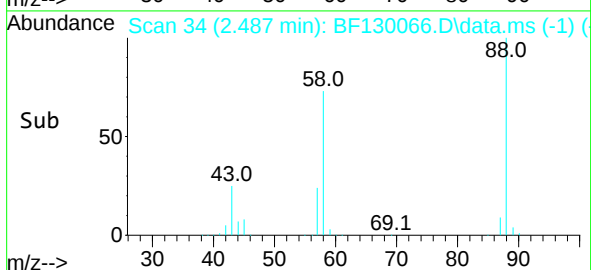
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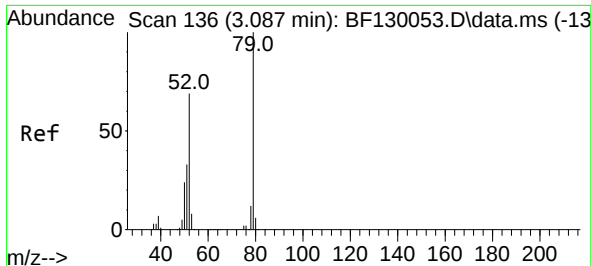


#2
 1,4-Dioxane
 Concen: 34.884 ng
 RT: 2.487 min Scan# 34
 Delta R.T. 0.106 min
 Lab File: BF130066.D
 Acq: 31 Aug 2022 23:18



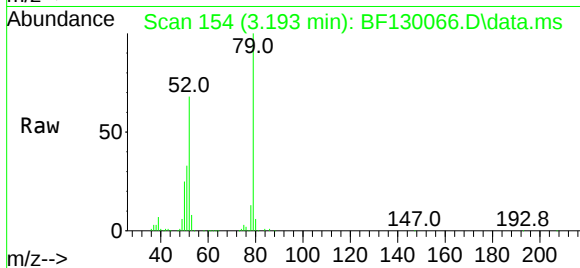
Tgt Ion: 88 Resp: 260908
 Ion Ratio Lower Upper
 88 100
 58 73.2 60.9 91.3
 43 25.7 23.6 35.4





#3
Pyridine
Concen: 35.340 ng
RT: 3.193 min Scan# 11
Delta R.T. 0.106 min
Lab File: BF130066.D
Acq: 31 Aug 2022 23:18

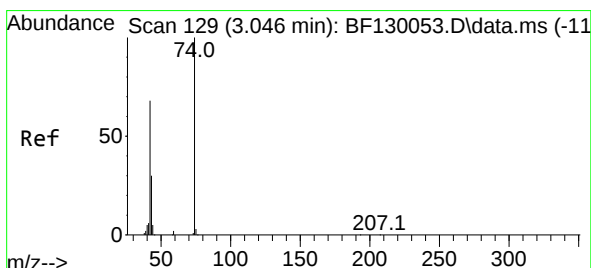
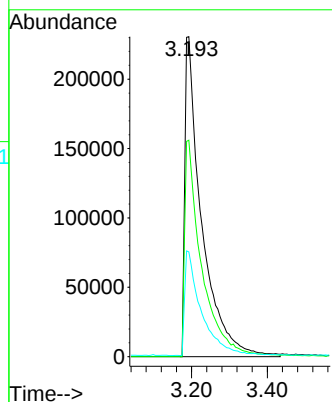
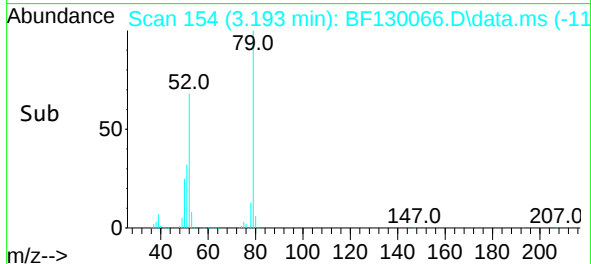
Instrument :
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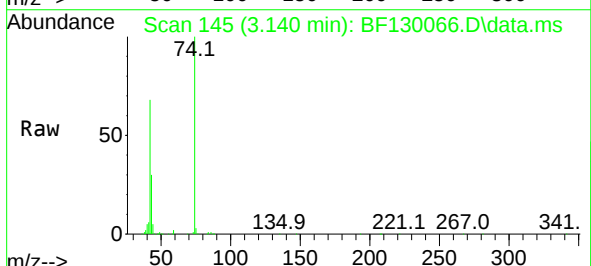
Tgt Ion: 79 Resp: 70876
Ion Ratio Lower Upper
79 100
52 67.7 59.4 89.2
51 32.8 29.5 44.3

Manual Integrations
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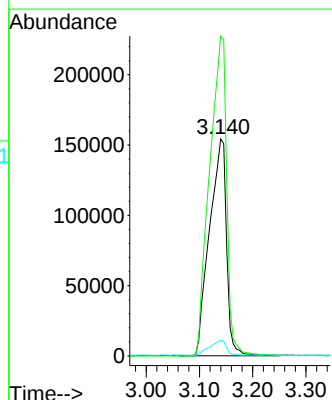
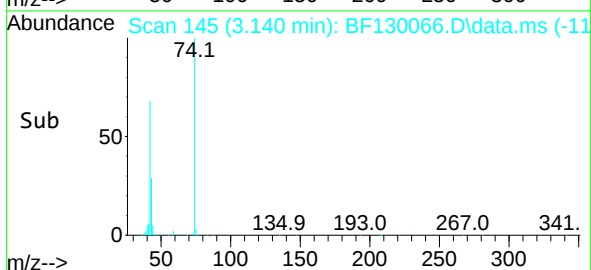
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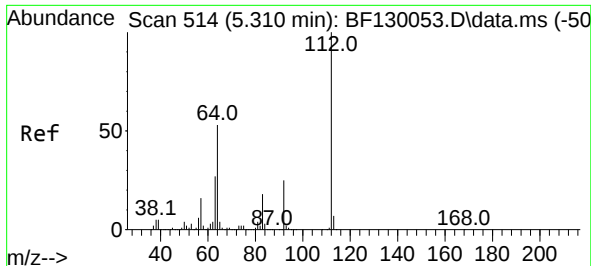


#4
n-Nitrosodimethylamine
Concen: 43.377 ng
RT: 3.140 min Scan# 145
Delta R.T. 0.094 min
Lab File: BF130066.D
Acq: 31 Aug 2022 23:18



Tgt Ion: 42 Resp: 342127
Ion Ratio Lower Upper
42 100
74 147.5 103.1 154.7
44 7.2 5.4 8.2





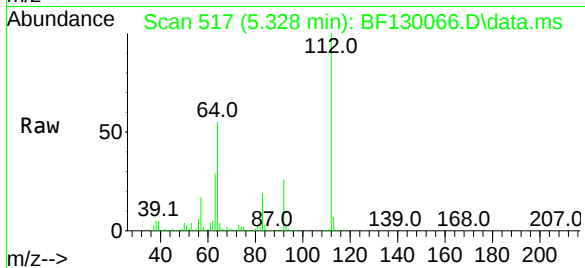
#5
2-Fluorophenol
Concen: 119.485 ng
RT: 5.328 min Scan# 514
Delta R.T. 0.018 min
Lab File: BF130066.D
Acq: 31 Aug 2022 23:18

Instrument :

BNA_F

ClientSampleId :

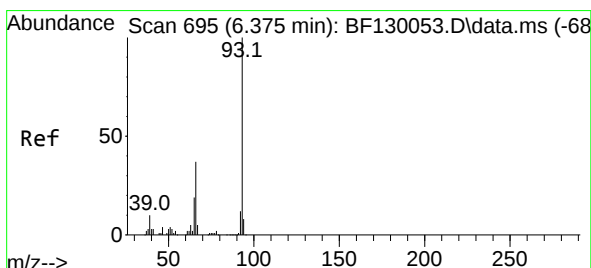
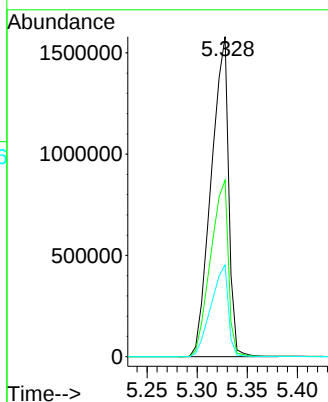
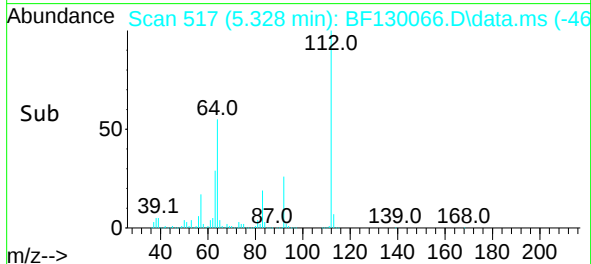
PB147324BS



Tgt Ion:112 Resp: 1912234
Ion Ratio Lower Upper
112 100
64 55.1 47.6 71.4
63 28.7 24.6 37.0

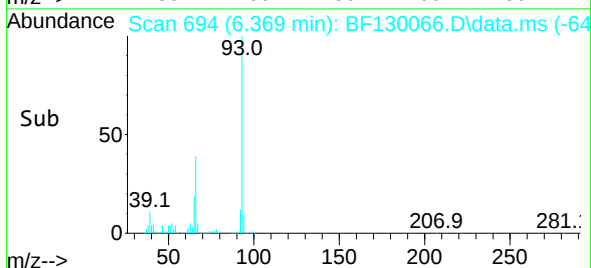
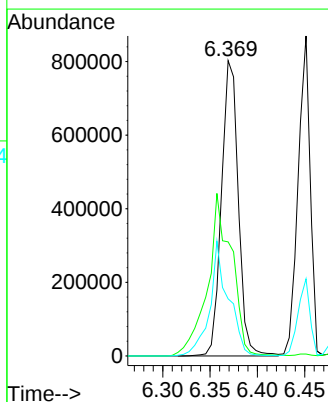
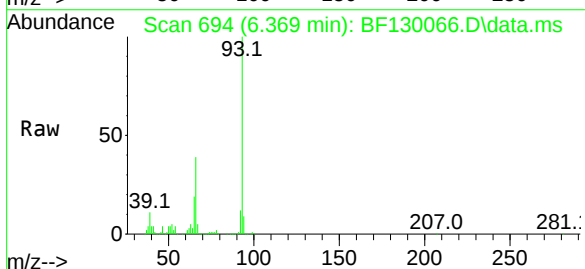
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#6
Aniline
Concen: 39.845 ng
RT: 6.369 min Scan# 694
Delta R.T. -0.006 min
Lab File: BF130066.D
Acq: 31 Aug 2022 23:18

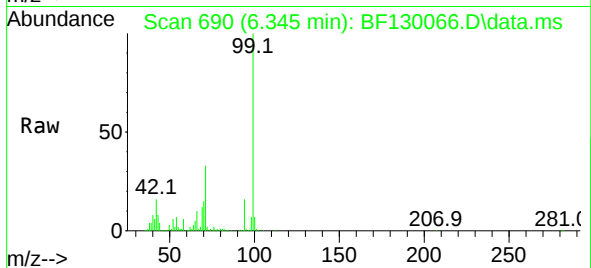
Tgt Ion: 93 Resp: 996712
Ion Ratio Lower Upper
93 100
66 38.6 68.7 103.1#
65 19.3 41.6 62.4#





#7
Phenol-d6
Concen: 120.987 ng
RT: 6.345 min Scan# 690
Delta R.T. -0.000 min
Lab File: BF130066.D
Acq: 31 Aug 2022 23:18

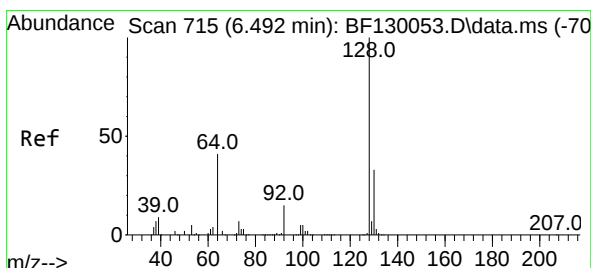
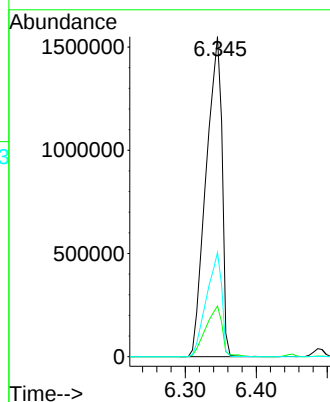
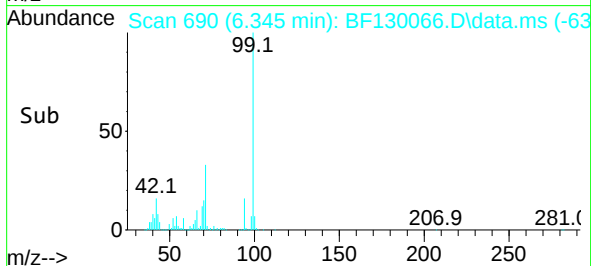
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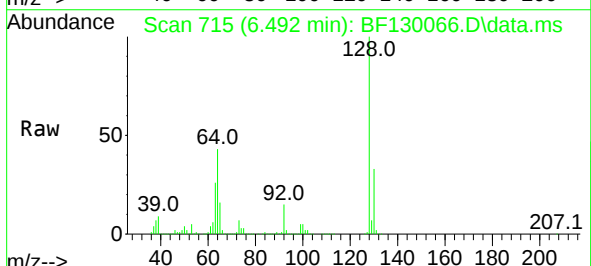
Tgt Ion: 99 Resp: 2413970
Ion Ratio Lower Upper
99 100
42 15.8 15.0 22.4
71 32.6 28.8 43.2

Manual Integrations
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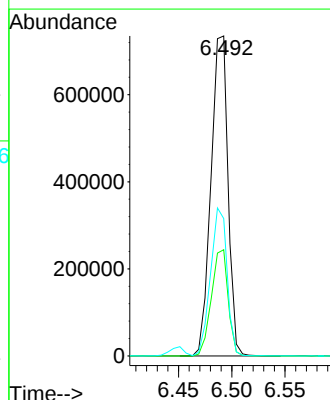
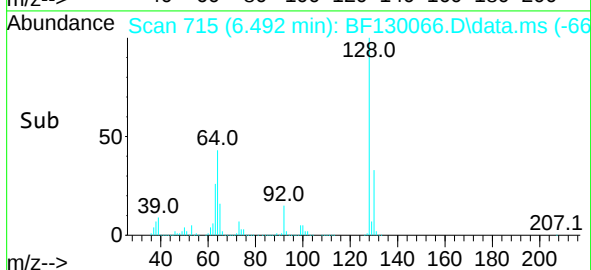
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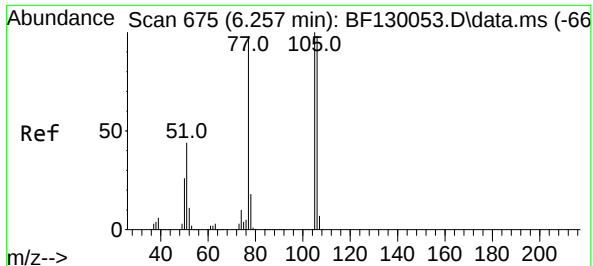


#8
2-Chlorophenol
Concen: 46.738 ng
RT: 6.492 min Scan# 715
Delta R.T. 0.000 min
Lab File: BF130066.D
Acq: 31 Aug 2022 23:18



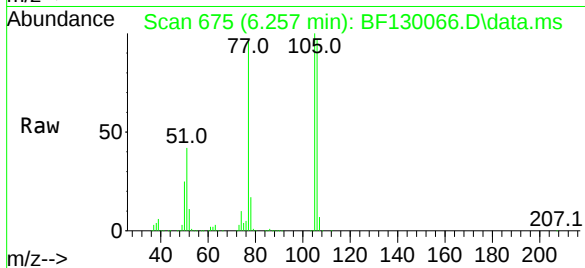
Tgt Ion:128 Resp: 820983
Ion Ratio Lower Upper
128 100
130 33.2 12.5 52.5
64 42.9 24.9 64.9





#9
Benzaldehyde
Concen: 35.725 ng
RT: 6.257 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF130066.D
Acq: 31 Aug 2022 23:18

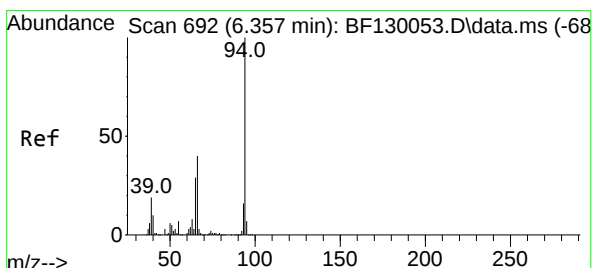
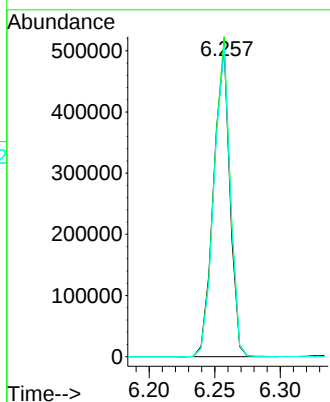
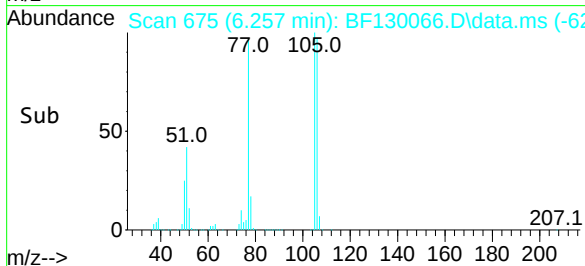
Instrument :
BNA_F
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Tgt Ion: 77 Resp: 436288
Ion Ratio Lower Upper
77 100
105 103.6 80.3 120.3
106 100.3 74.3 114.3

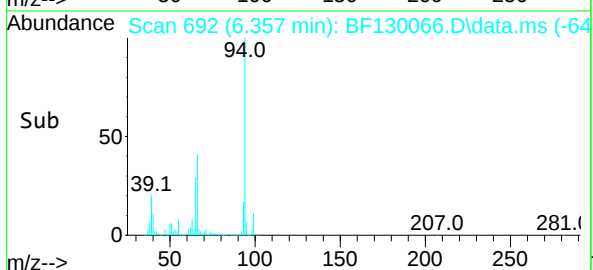
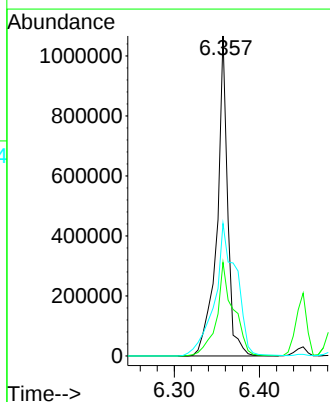
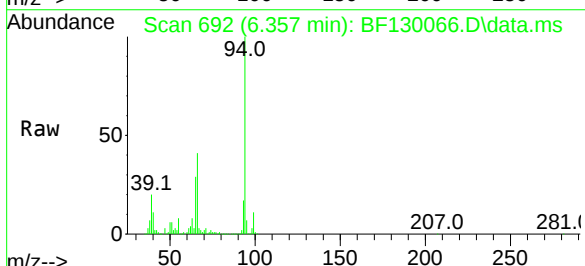
Manual Integrations
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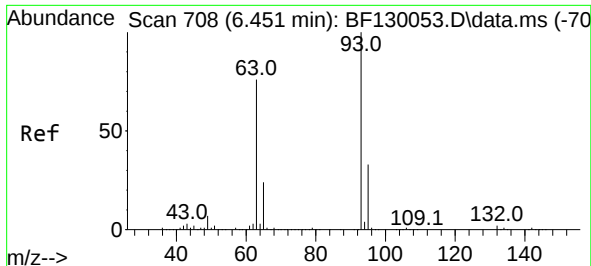
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022



#10
Phenol
Concen: 41.211 ng
RT: 6.357 min Scan# 692
Delta R.T. 0.000 min
Lab File: BF130066.D
Acq: 31 Aug 2022 23:18

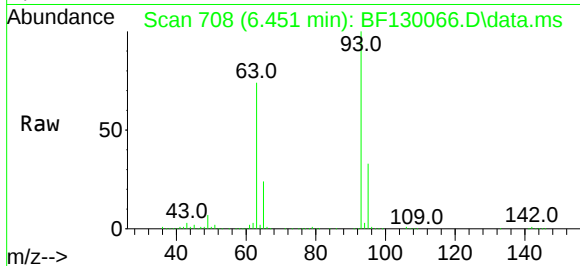
Tgt Ion: 94 Resp: 929411
Ion Ratio Lower Upper
94 100
65 29.2 24.9 64.9
66 41.4 54.2 94.2#





#11
bis(2-Chloroethyl)ether
Concen: 44.883 ng
RT: 6.451 min Scan# 708
Delta R.T. 0.000 min
Lab File: BF130066.D
Acq: 31 Aug 2022 23:18

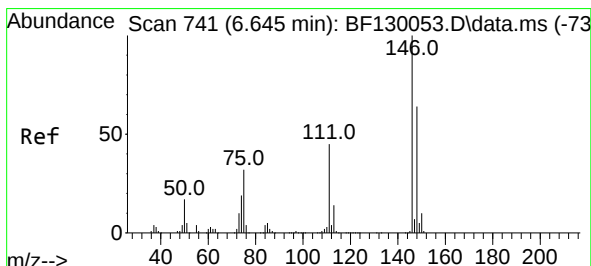
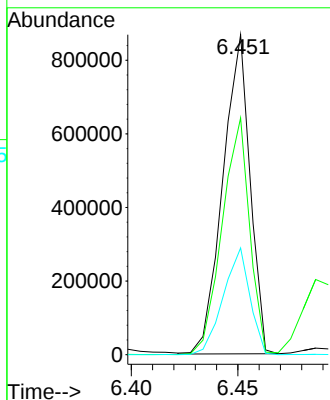
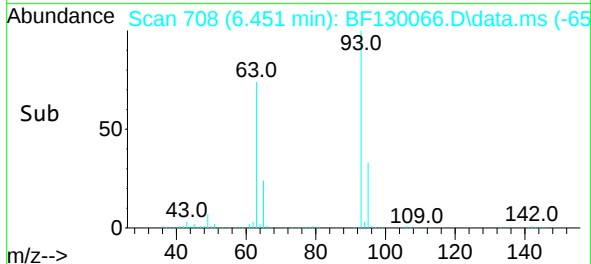
Instrument :
BNA_F
ClientSampleId :
PB147324BS



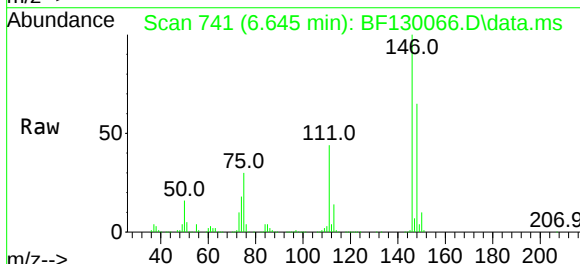
Tgt Ion: 93 Resp: 769090
Ion Ratio Lower Upper
93 100
63 74.0 55.9 95.9
95 33.4 12.3 52.3

Manual Integrations
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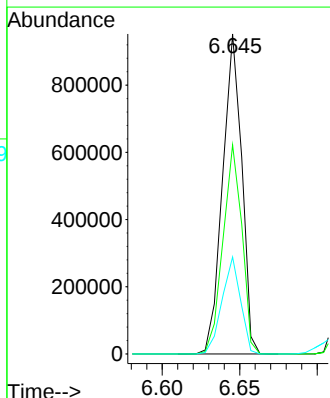
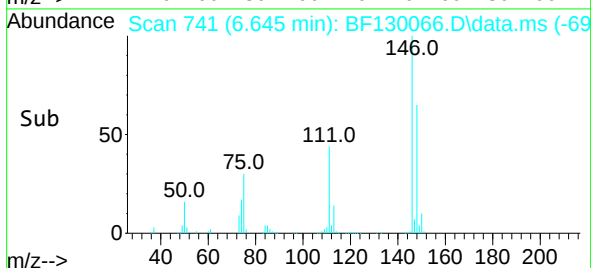
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022

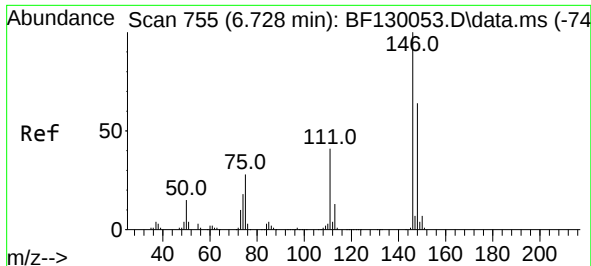


#12
1,3-Dichlorobenzene
Concen: 42.024 ng
RT: 6.645 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF130066.D
Acq: 31 Aug 2022 23:18



Tgt Ion:146 Resp: 818315
Ion Ratio Lower Upper
146 100
148 65.3 51.2 76.8
75 30.3 26.5 39.7





#13

1,4-Dichlorobenzene

Concen: 42.461 ng

RT: 6.722 min Scan# 70

Delta R.T. -0.006 min

Lab File: BF130066.D

Acq: 31 Aug 2022 23:18

Instrument :

BNA_F

ClientSampleId :

PB147324BS

Tgt Ion:146 Resp: 83285

Ion Ratio Lower Upper

146 100

148 64.3 50.6 75.8

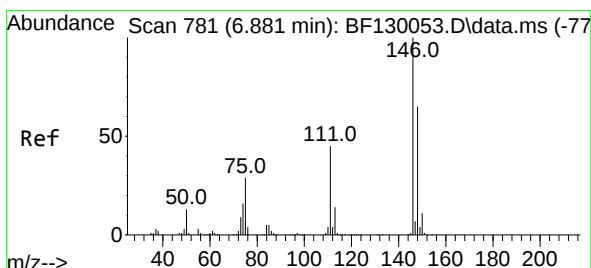
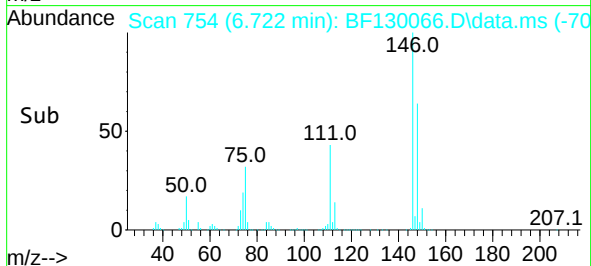
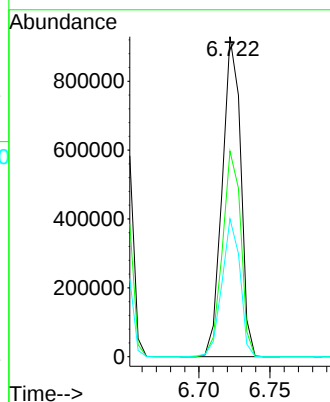
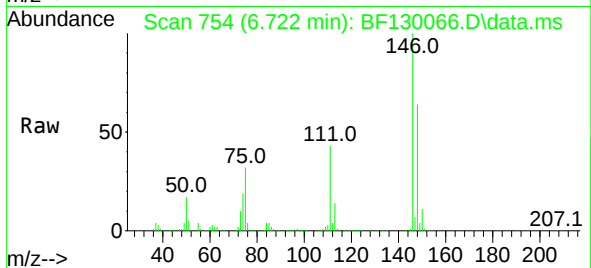
111 43.1 36.2 54.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/01/2022

Supervised By :Jagrut Upadhyay 09/01/2022



#14

1,2-Dichlorobenzene

Concen: 44.516 ng

RT: 6.875 min Scan# 780

Delta R.T. -0.006 min

Lab File: BF130066.D

Acq: 31 Aug 2022 23:18

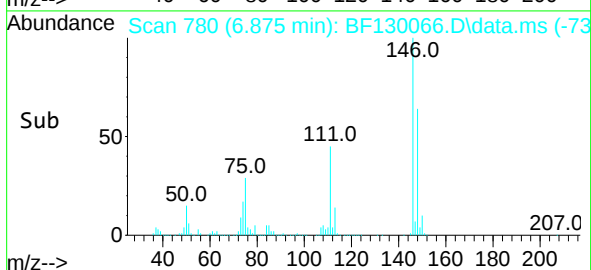
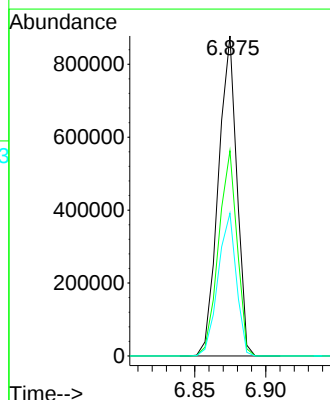
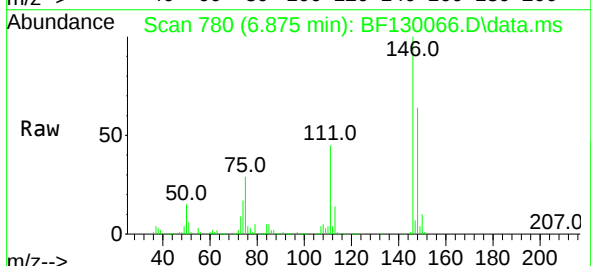
Tgt Ion:146 Resp: 793721

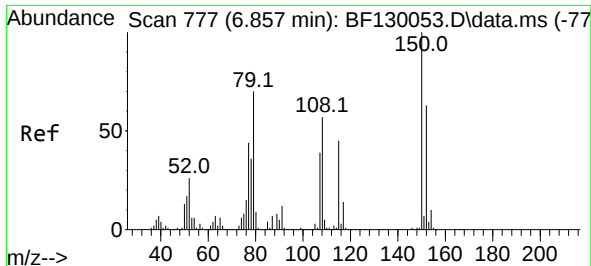
Ion Ratio Lower Upper

146 100

148 64.1 51.8 77.6

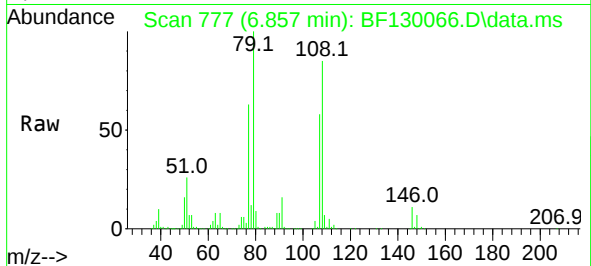
111 44.6 37.2 55.8





#15
Benzyl Alcohol
Concen: 42.024 ng m
RT: 6.857 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF130066.D
Acq: 31 Aug 2022 23:18

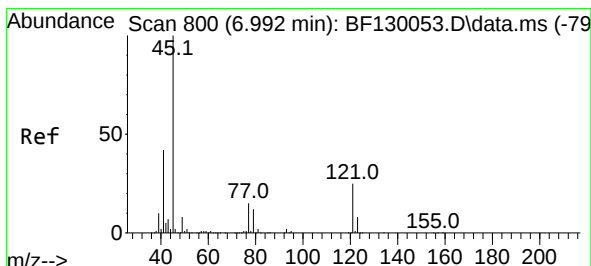
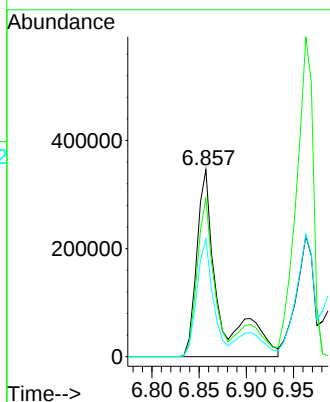
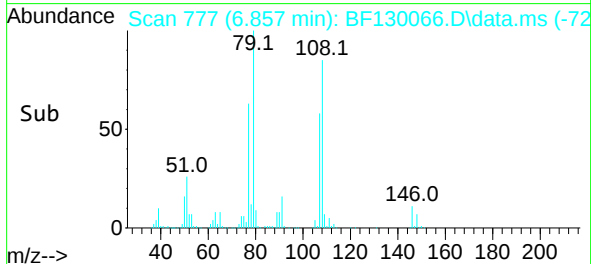
Instrument :
BNA_F
ClientSampleId :
PB147324BS



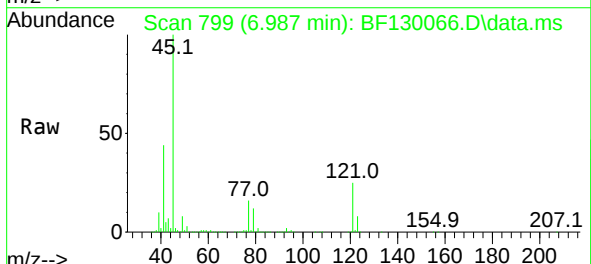
Tgt Ion: 79 Resp: 565150
Ion Ratio Lower Upper
79 100
108 84.7 59.2 88.8
77 63.0 51.9 77.9

Manual Integrations
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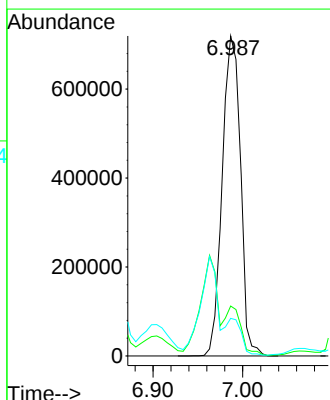
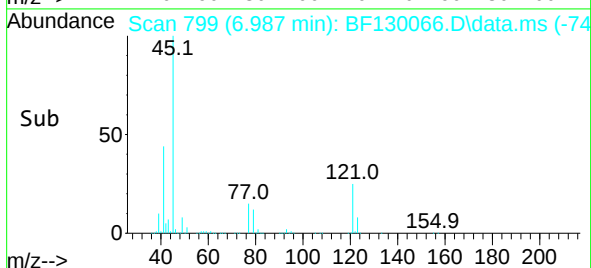
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022

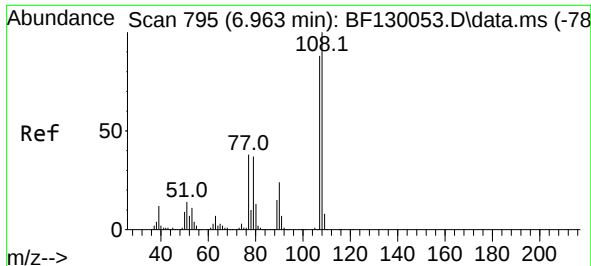


#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.617 ng
RT: 6.987 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF130066.D
Acq: 31 Aug 2022 23:18



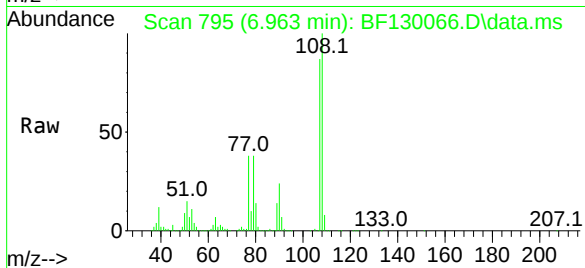
Tgt Ion: 45 Resp: 1015757
Ion Ratio Lower Upper
45 100
77 15.6 27.4 67.4#
79 11.8 24.4 64.4#





#17
2-Methylphenol
Concen: 43.568 ng
RT: 6.963 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF130066.D
Acq: 31 Aug 2022 23:18

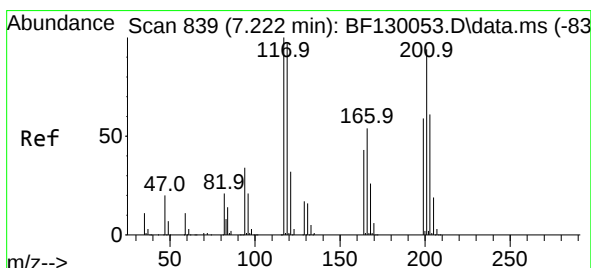
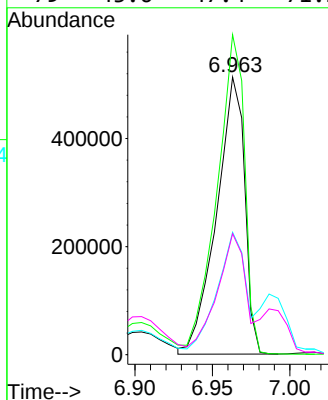
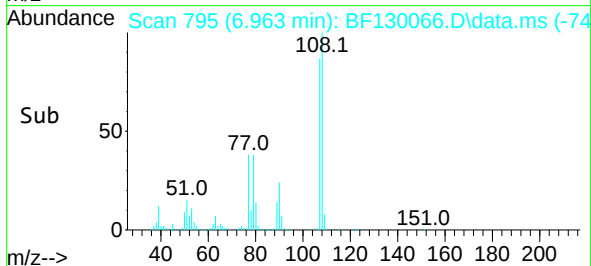
Instrument :
BNA_F
ClientSampleId :
PB147324BS



Tgt Ion:107 Resp: 64388
Ion Ratio Lower Upper
107 100
108 115.3 90.2 135.2
77 44.1 51.8 77.8
79 43.6 47.4 71.2#

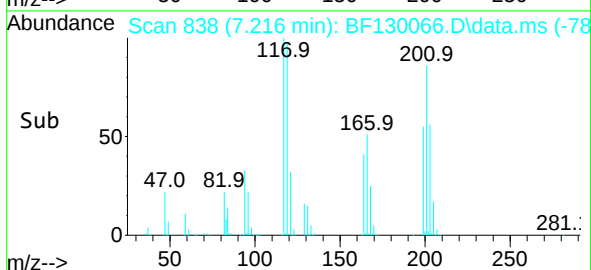
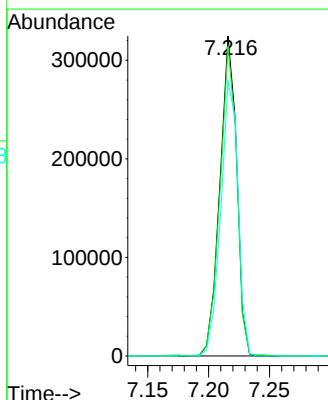
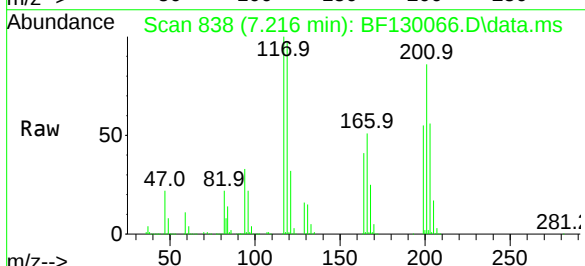
Manual Integrations
APPROVED

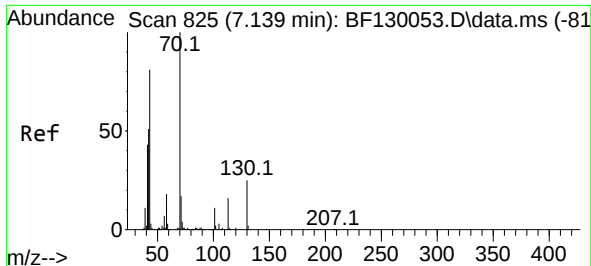
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022



#18
Hexachloroethane
Concen: 44.045 ng
RT: 7.216 min Scan# 838
Delta R.T. -0.006 min
Lab File: BF130066.D
Acq: 31 Aug 2022 23:18

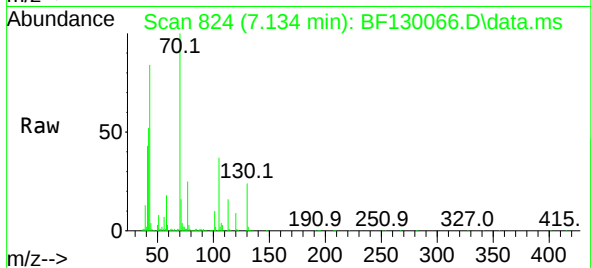
Tgt Ion:117 Resp: 311968
Ion Ratio Lower Upper
117 100
119 96.7 79.1 118.7
201 85.8 66.6 100.0





#19
n-Nitroso-di-n-propylamine
Concen: 42.521 ng
RT: 7.134 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF130066.D
Acq: 31 Aug 2022 23:18

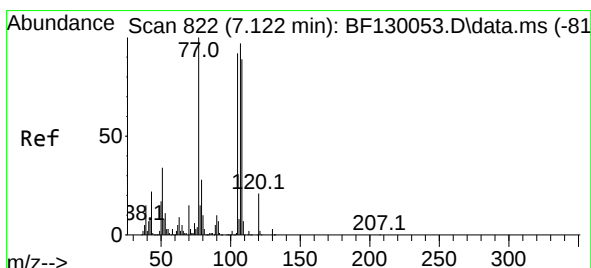
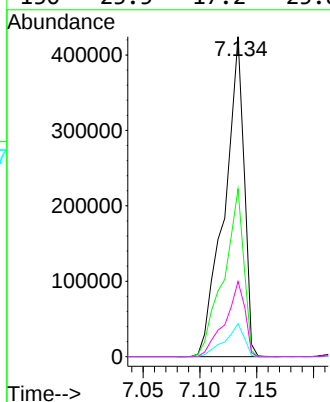
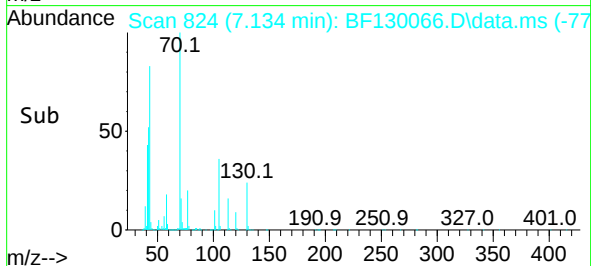
Instrument :
BNA_F
ClientSampleId :
PB147324BS



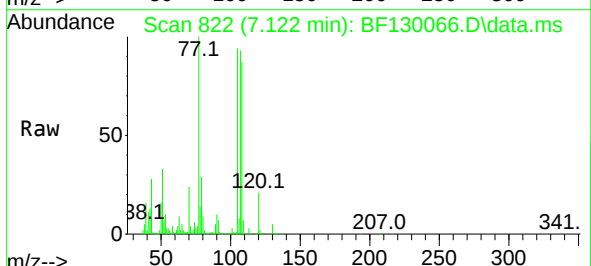
Tgt Ion: 70 Resp: 51110
Ion Ratio Lower Upper
70 100
42 52.5 47.6 71.4
101 10.3 8.1 12.1
130 23.5 17.2 25.8

Manual Integrations
APPROVED

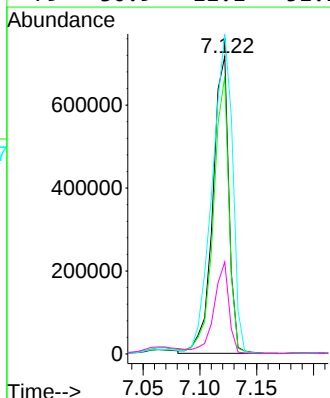
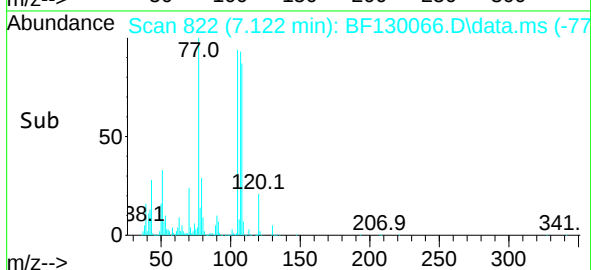
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022

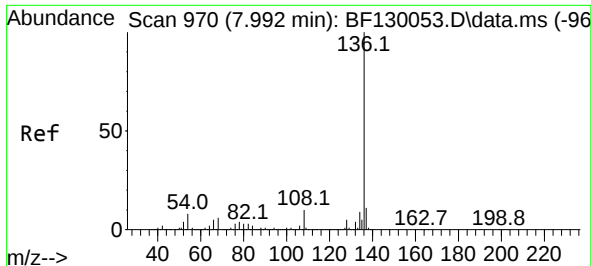


#20
3+4-Methylphenols
Concen: 40.895 ng
RT: 7.122 min Scan# 822
Delta R.T. 0.000 min
Lab File: BF130066.D
Acq: 31 Aug 2022 23:18



Tgt Ion:107 Resp: 708731
Ion Ratio Lower Upper
107 100
108 93.3 71.3 111.3
77 107.6 20.4 60.4#
79 30.9 11.1 51.1





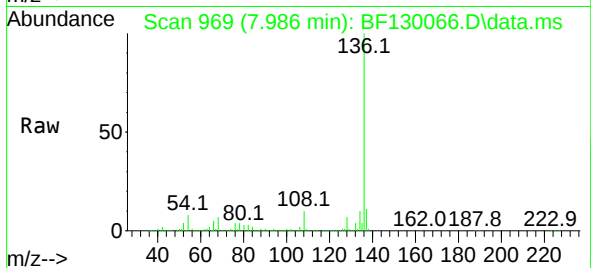
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.986 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF130066.D
Acq: 31 Aug 2022 23:18

Instrument :

BNA_F

ClientSampleId :

PB147324BS

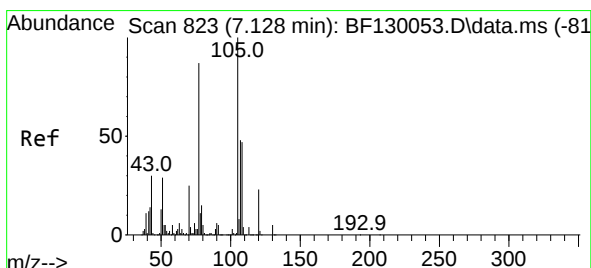
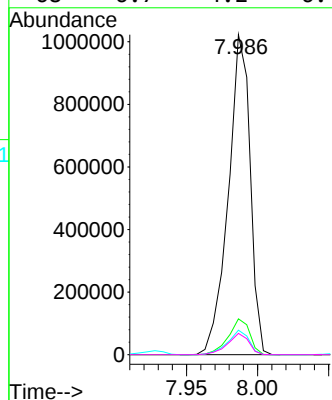
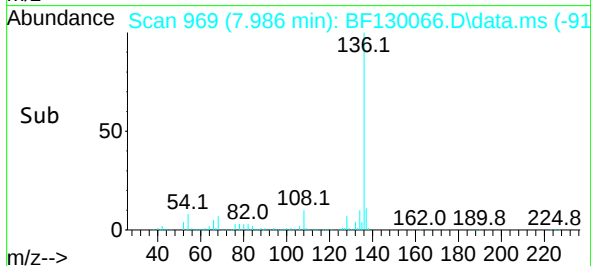


Tgt Ion:136 Resp: 1095180
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 7.7 6.2 9.2
68 6.7 4.2 6.4#

Manual Integrations

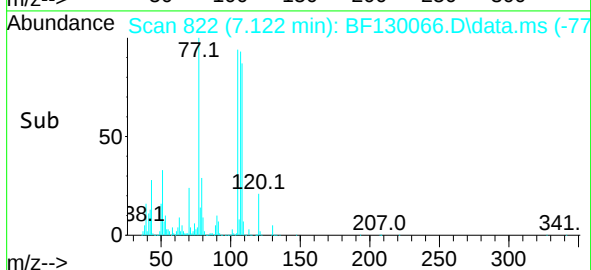
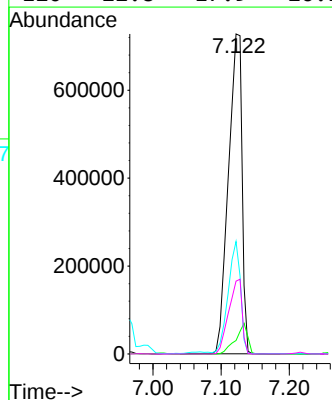
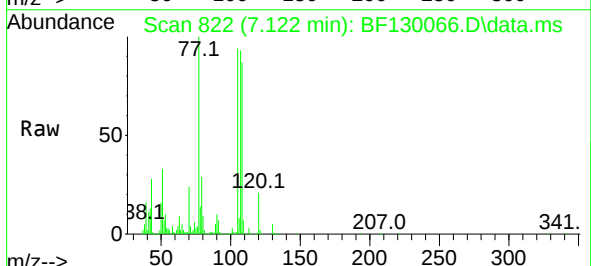
APPROVED

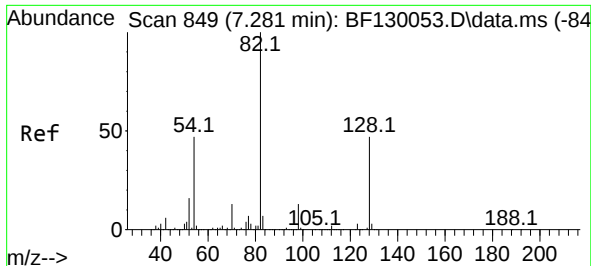
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022



#22
Acetophenone
Concen: 41.301 ng
RT: 7.122 min Scan# 822
Delta R.T. -0.006 min
Lab File: BF130066.D
Acq: 31 Aug 2022 23:18

Tgt Ion:105 Resp: 1010556
Ion Ratio Lower Upper
105 100
71 4.2 6.6 9.8#
51 35.2 23.8 35.8
120 22.8 17.9 26.9





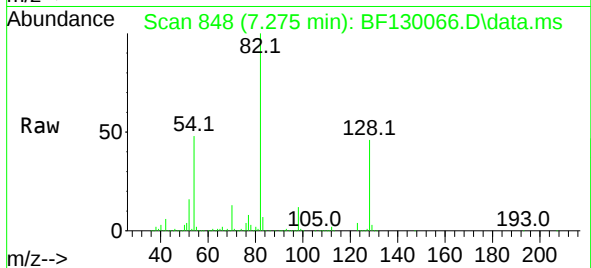
#23
Nitrobenzene-d5
Concen: 87.352 ng
RT: 7.275 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF130066.D
Acq: 31 Aug 2022 23:18

Instrument :

BNA_F

ClientSampleId :

PB147324BS

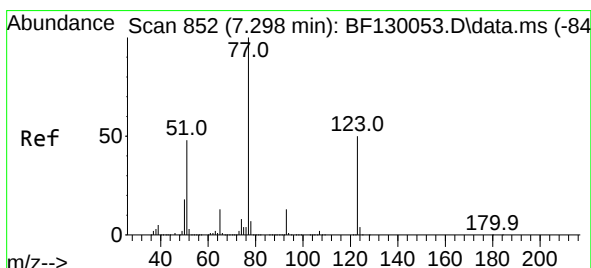
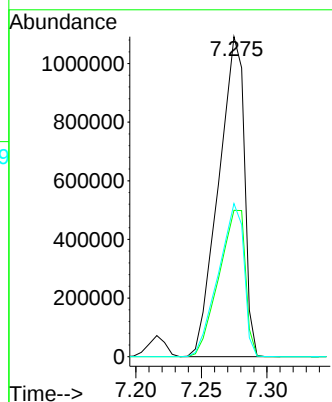
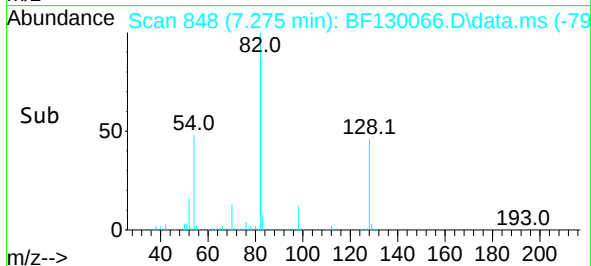


Tgt Ion: 82 Resp: 1488610
Ion Ratio Lower Upper
82 100
128 45.7 36.1 54.1
54 47.8 40.0 60.0

Manual Integrations

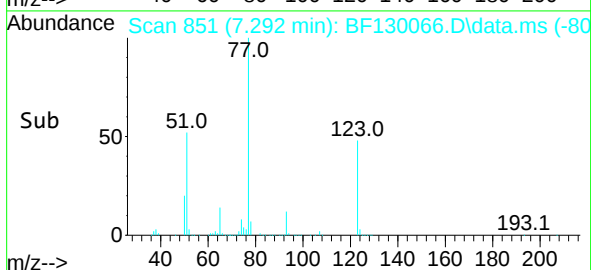
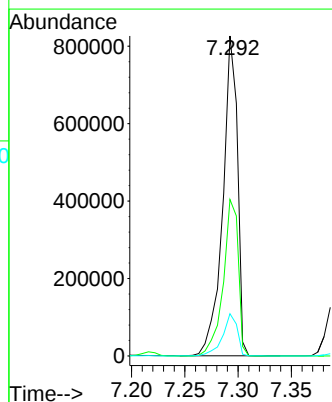
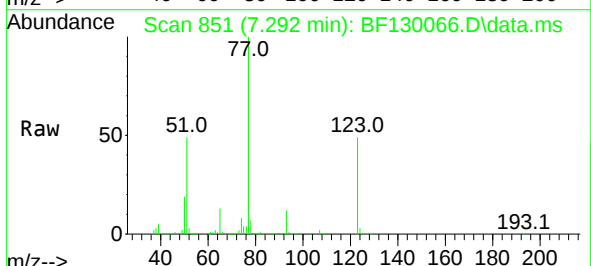
APPROVED

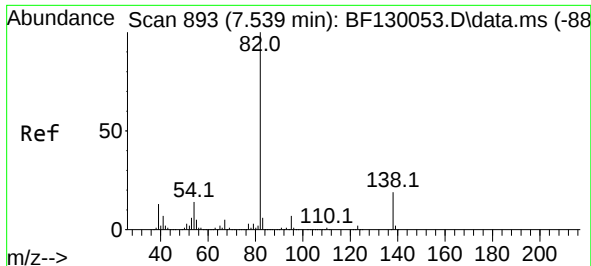
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022



#24
Nitrobenzene
Concen: 43.600 ng
RT: 7.292 min Scan# 851
Delta R.T. -0.006 min
Lab File: BF130066.D
Acq: 31 Aug 2022 23:18

Tgt Ion: 77 Resp: 790184
Ion Ratio Lower Upper
77 100
123 48.9 39.2 58.8
65 13.2 11.1 16.7





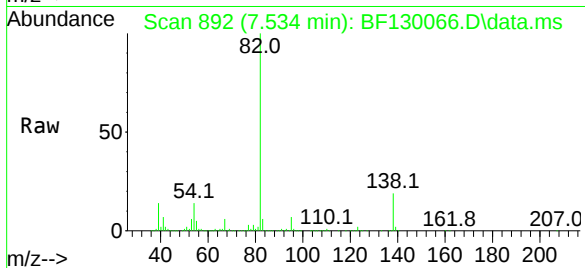
#25
Isophorone
Concen: 43.626 ng
RT: 7.534 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF130066.D
Acq: 31 Aug 2022 23:18

Instrument :

BNA_F

ClientSampleId :

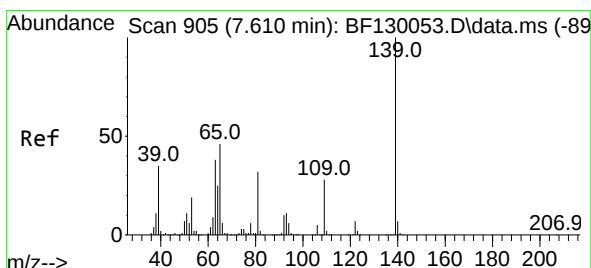
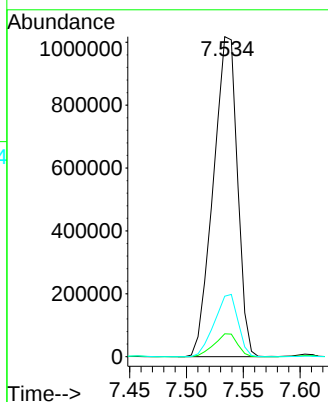
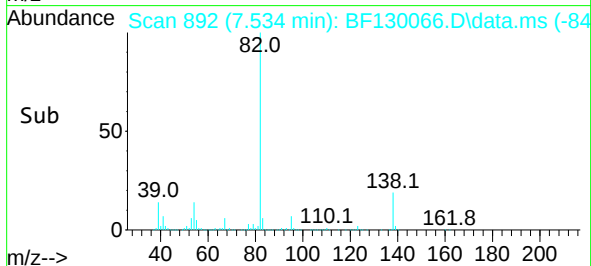
PB147324BS



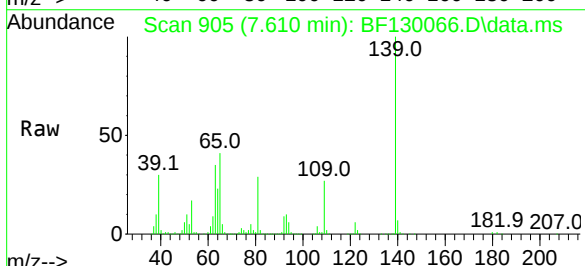
Tgt Ion: 82 Resp: 1504739
Ion Ratio Lower Upper
82 100
95 7.1 5.9 8.9
138 18.9 14.6 21.8

Manual Integrations
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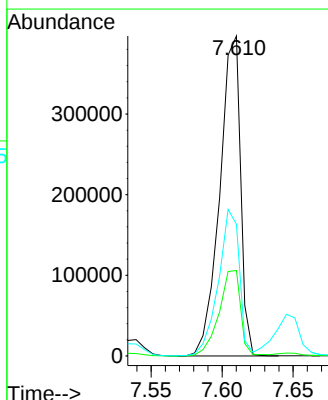
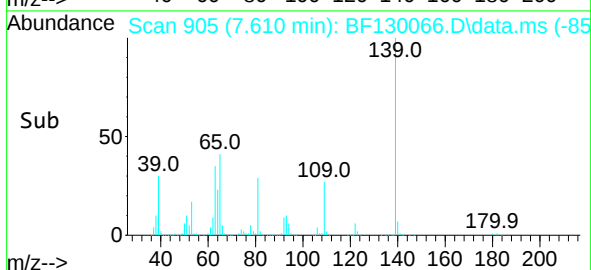
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022

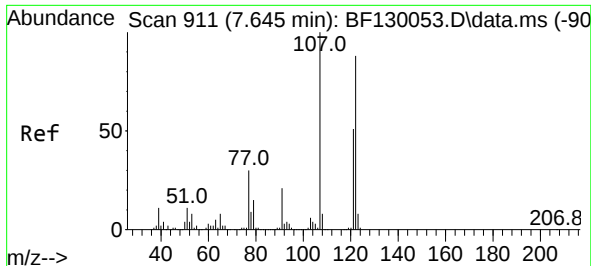


#26
2-Nitrophenol
Concen: 47.563 ng
RT: 7.610 min Scan# 905
Delta R.T. 0.000 min
Lab File: BF130066.D
Acq: 31 Aug 2022 23:18



Tgt Ion:139 Resp: 404648
Ion Ratio Lower Upper
139 100
109 26.7 24.4 36.6
65 41.2 40.9 61.3





#27

2,4-Dimethylphenol

Concen: 49.673 ng m

RT: 7.645 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF130066.D

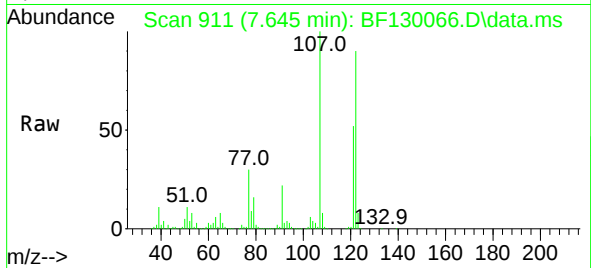
Acq: 31 Aug 2022 23:18

Instrument :

BNA_F

ClientSampleId :

PB147324BS

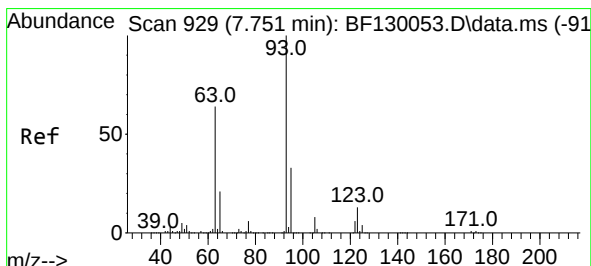
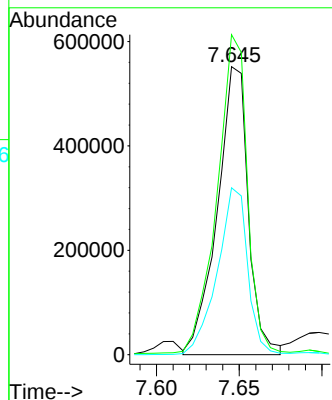
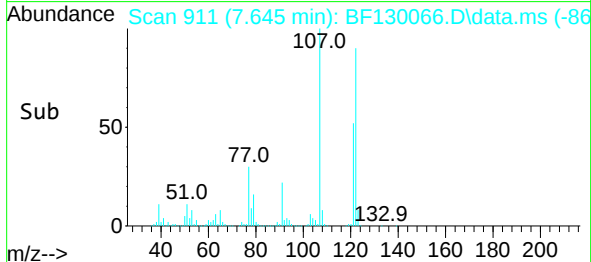


Tgt Ion	Ratio	Lower	Upper
122	100		
107	111.1	92.2	138.4
121	58.0	46.1	69.1

Manual Integrations

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Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022



#28

bis(2-Chloroethoxy)methane

Concen: 45.640 ng

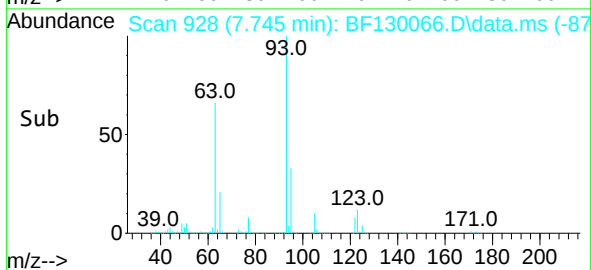
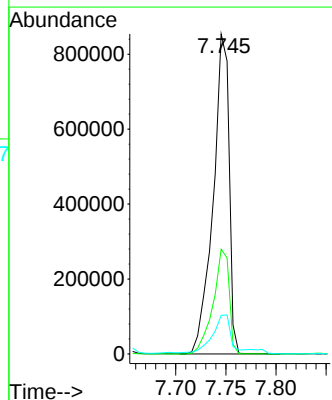
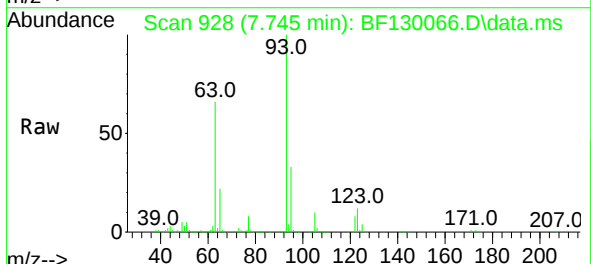
RT: 7.745 min Scan# 928

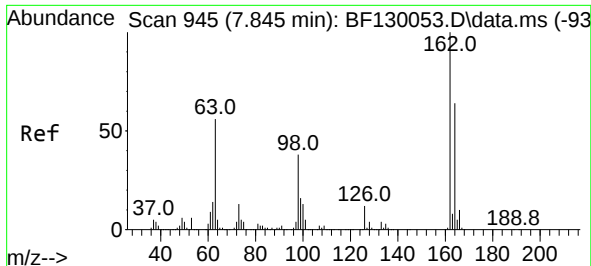
Delta R.T. -0.006 min

Lab File: BF130066.D

Acq: 31 Aug 2022 23:18

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	25.6	38.4
123	12.0	9.0	13.4





#29

2,4-Dichlorophenol

Concen: 41.711 ng

RT: 7.845 min Scan# 945

Delta R.T. 0.000 min

Lab File: BF130066.D

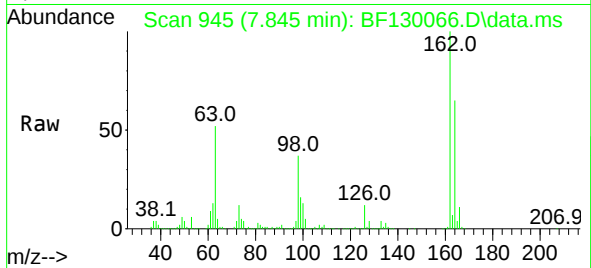
Acq: 31 Aug 2022 23:18

Instrument :

BNA_F

ClientSampleId :

PB147324BS

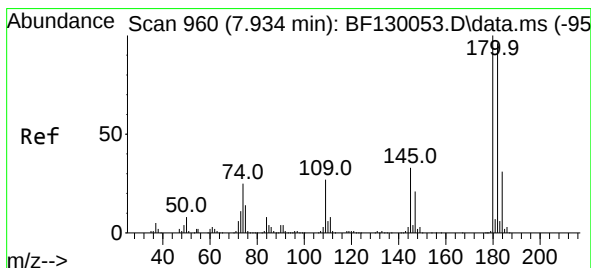
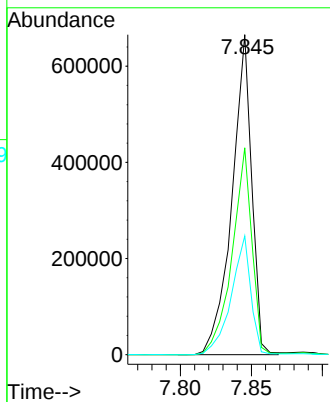
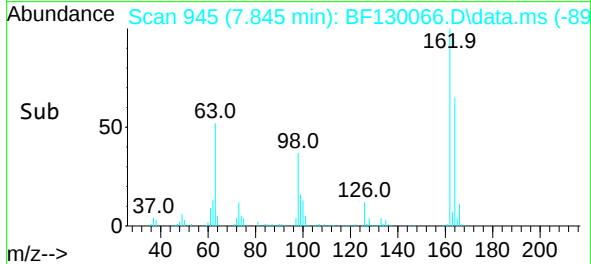


Tgt Ion:162	Resp: 64572
Ion Ratio	Lower Upper
162	100
164	64.7 43.7 83.7
98	37.1 16.5 56.5

Manual Integrations

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Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022



#30

1,2,4-Trichlorobenzene

Concen: 40.630 ng

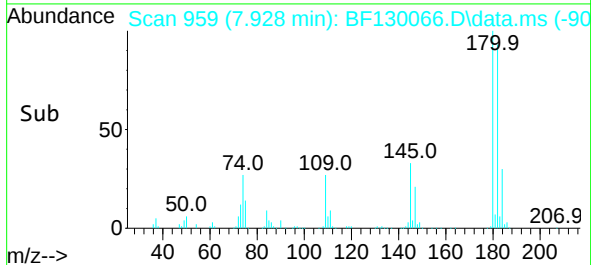
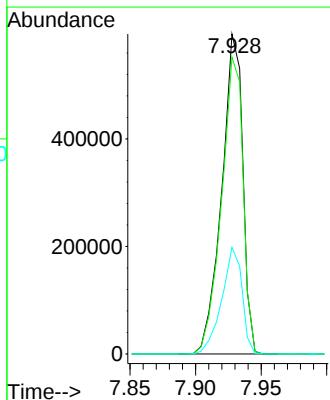
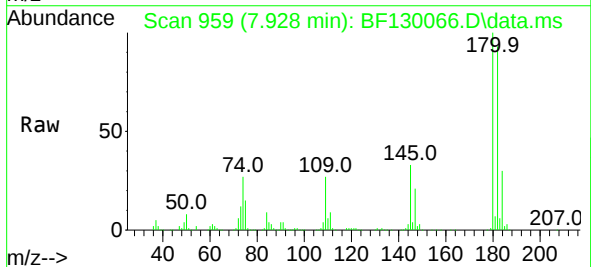
RT: 7.928 min Scan# 959

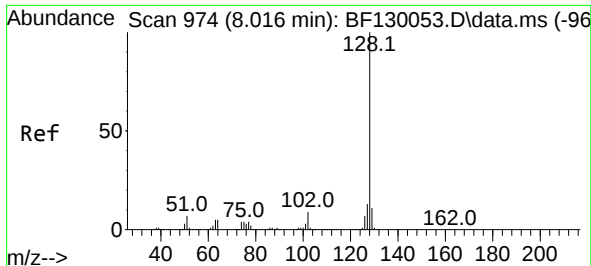
Delta R.T. -0.006 min

Lab File: BF130066.D

Acq: 31 Aug 2022 23:18

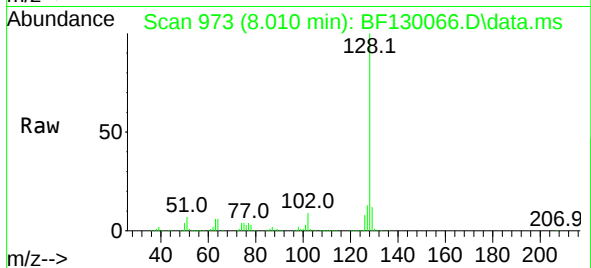
Tgt Ion:180	Resp: 663206
Ion Ratio	Lower Upper
180	100
182	92.8 77.6 116.4
145	33.3 25.6 38.4





#31
Naphthalene
Concen: 40.343 ng
RT: 8.010 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130066.D
Acq: 31 Aug 2022 23:18

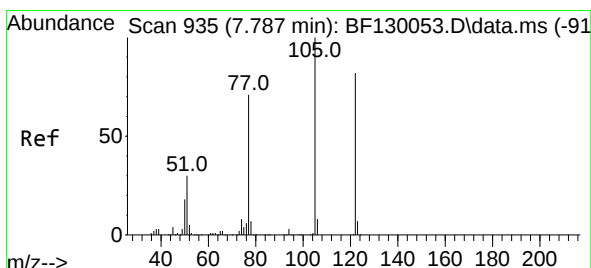
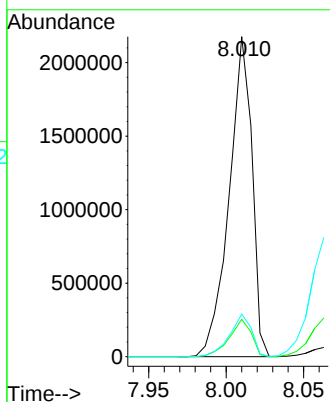
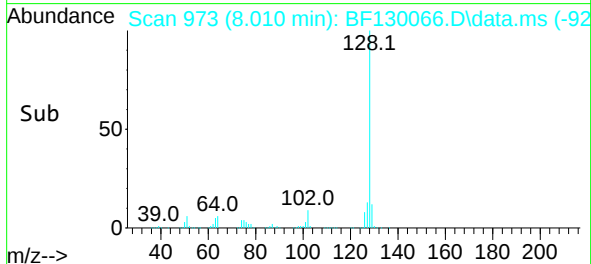
Instrument :
BNA_F
ClientSampleId :
PB147324BS



Tgt Ion:128 Resp: 2228424
Ion Ratio Lower Upper
128 100
129 11.6 8.9 13.3
127 13.3 10.7 16.1

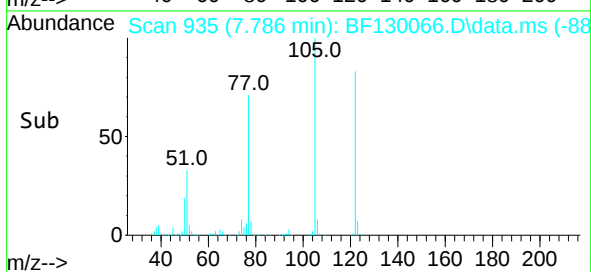
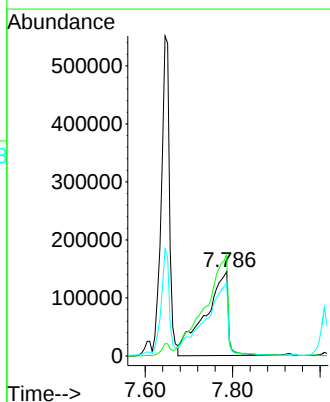
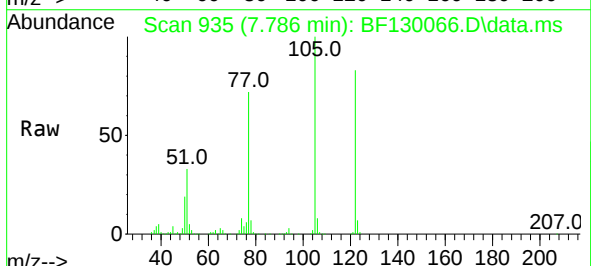
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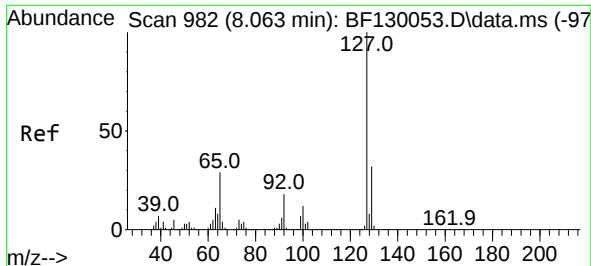
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022



#32
Benzoic acid
Concen: 45.198 ng
RT: 7.786 min Scan# 935
Delta R.T. -0.001 min
Lab File: BF130066.D
Acq: 31 Aug 2022 23:18

Tgt Ion:122 Resp: 528850
Ion Ratio Lower Upper
122 100
105 120.1 99.9 139.9
77 86.5 65.9 105.9





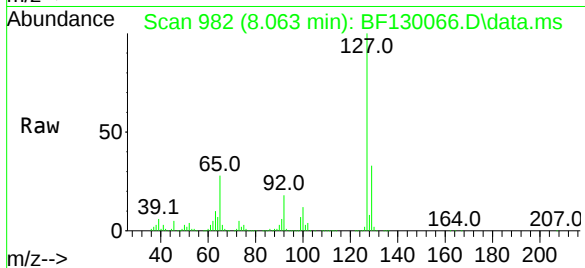
#33
4-Chloroaniline
Concen: 34.332 ng
RT: 8.063 min Scan# 982
Delta R.T. 0.000 min
Lab File: BF130066.D
Acq: 31 Aug 2022 23:18

Instrument :

BNA_F

ClientSampleId :

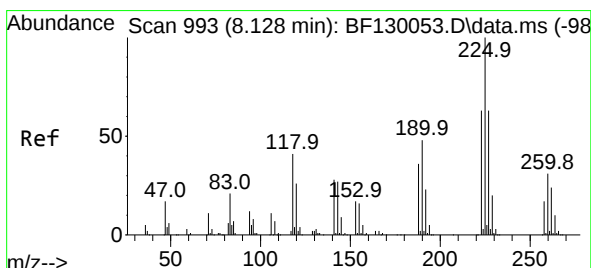
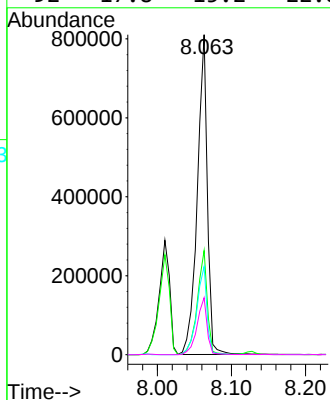
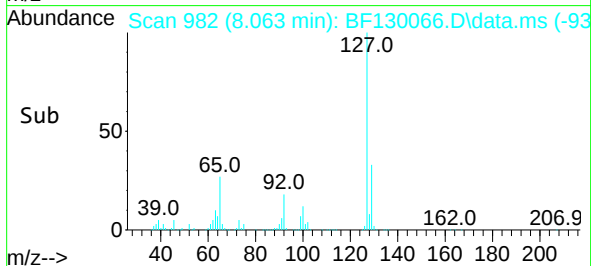
PB147324BS



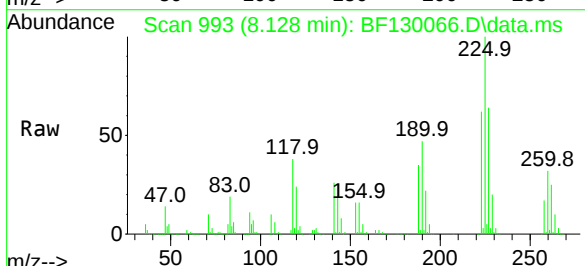
Tgt Ion:127 Resp: 76616
Ion Ratio Lower Upper
127 100
129 32.6 26.7 40.1
65 27.5 24.2 36.2
92 17.8 15.2 22.8

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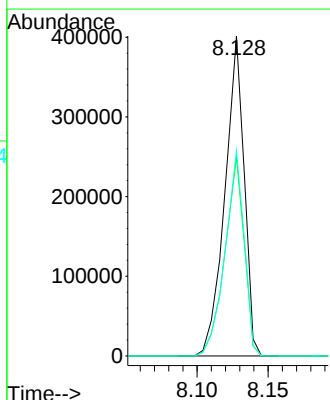
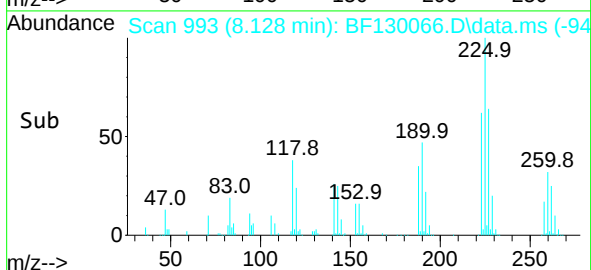
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022



#34
Hexachlorobutadiene
Concen: 40.474 ng
RT: 8.128 min Scan# 993
Delta R.T. 0.000 min
Lab File: BF130066.D
Acq: 31 Aug 2022 23:18



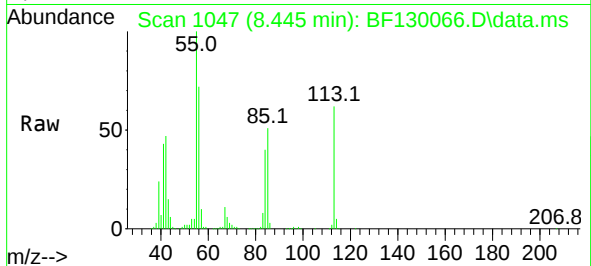
Tgt Ion:225 Resp: 378376
Ion Ratio Lower Upper
225 100
223 62.2 50.2 75.2
227 64.1 50.6 75.8





#35
Caprolactam
Concen: 42.213 ng m
RT: 8.445 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF130066.D
Acq: 31 Aug 2022 23:18

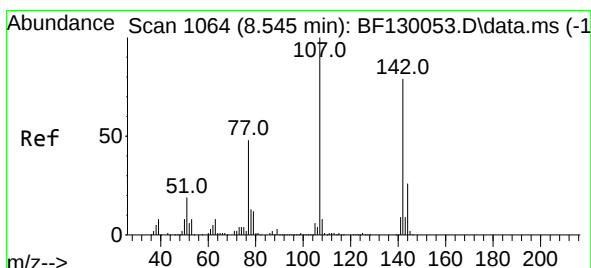
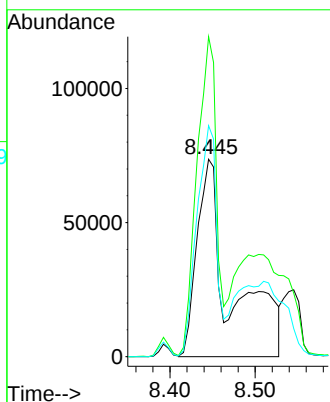
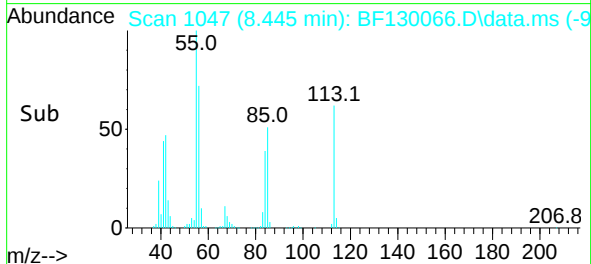
Instrument :
BNA_F
ClientSampleId :
PB147324BS



Tgt Ion:113 Resp: 202510
Ion Ratio Lower Upper
113 100
55 162.1 148.8 188.8
56 117.0 109.1 149.1

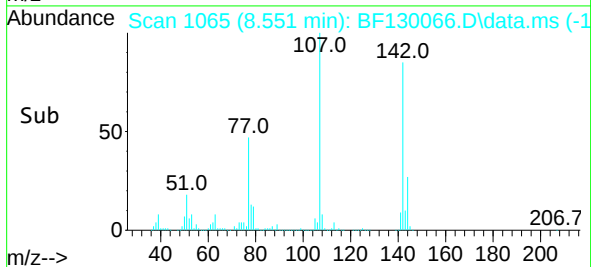
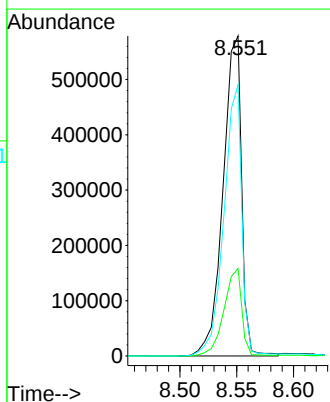
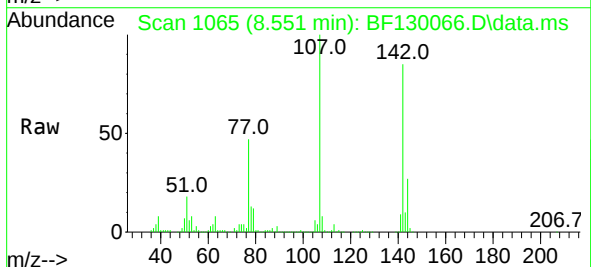
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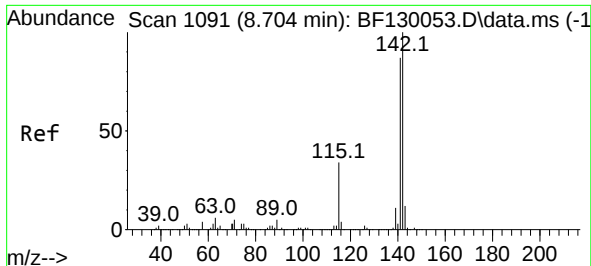
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022



#36
4-Chloro-3-methylphenol
Concen: 41.965 ng
RT: 8.551 min Scan# 1065
Delta R.T. 0.006 min
Lab File: BF130066.D
Acq: 31 Aug 2022 23:18

Tgt Ion:107 Resp: 657390
Ion Ratio Lower Upper
107 100
144 27.3 19.9 29.9
142 84.7 60.2 90.4





#37

2-Methylnaphthalene

Concen: 40.563 ng

RT: 8.698 min Scan# 1107

Delta R.T. -0.006 min

Lab File: BF130066.D

Acq: 31 Aug 2022 23:18

Instrument :

BNA_F

ClientSampleId :

PB147324BS

Tgt Ion:142 Resp: 144329

Ion Ratio Lower Upper

142 100

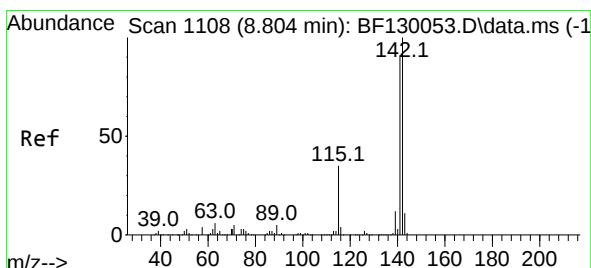
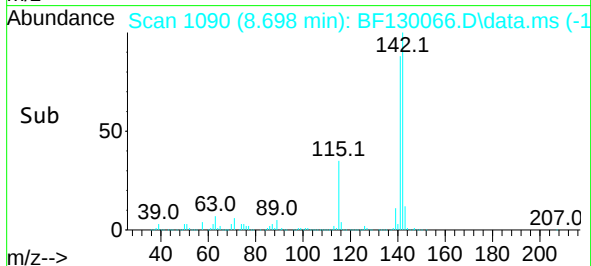
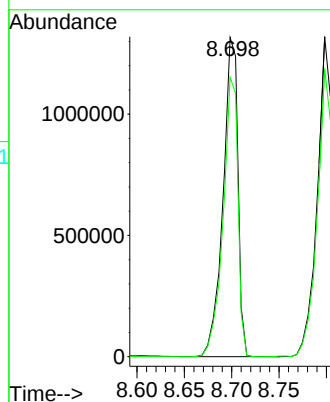
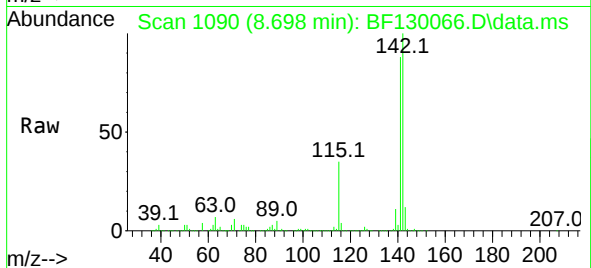
141 87.5 70.9 106.3

Manual Integrations

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Reviewed By :Christian Giraldo 09/01/2022

Supervised By :Jagrut Upadhyay 09/01/2022



#38

1-Methylnaphthalene

Concen: 39.969 ng

RT: 8.798 min Scan# 1107

Delta R.T. -0.006 min

Lab File: BF130066.D

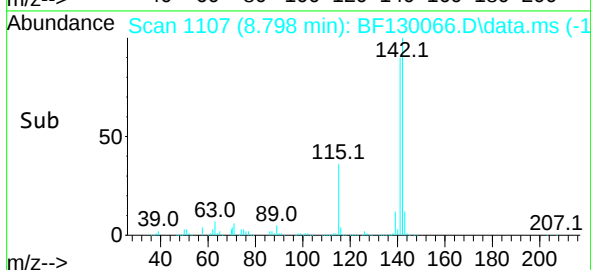
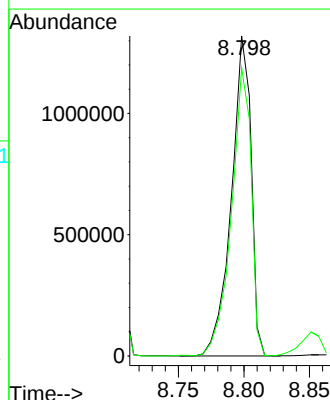
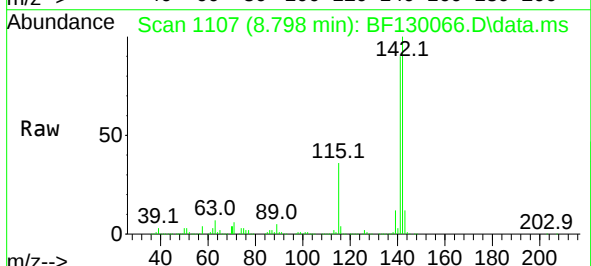
Acq: 31 Aug 2022 23:18

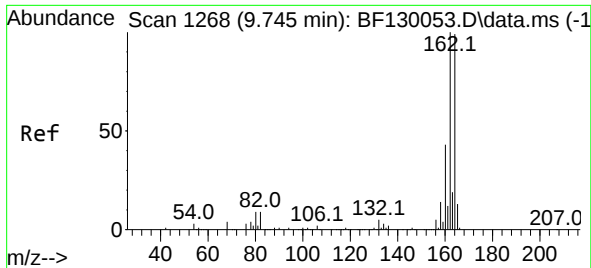
Tgt Ion:142 Resp: 1382331

Ion Ratio Lower Upper

142 100

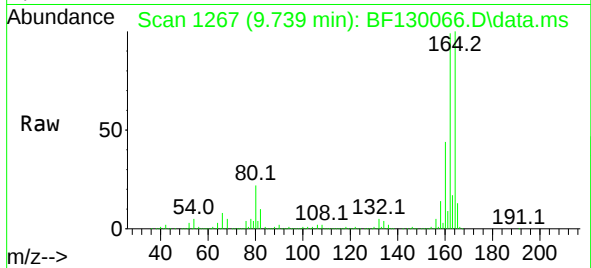
141 90.0 73.5 110.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.739 min Scan# 1119
Delta R.T. -0.006 min
Lab File: BF130066.D
Acq: 31 Aug 2022 23:18

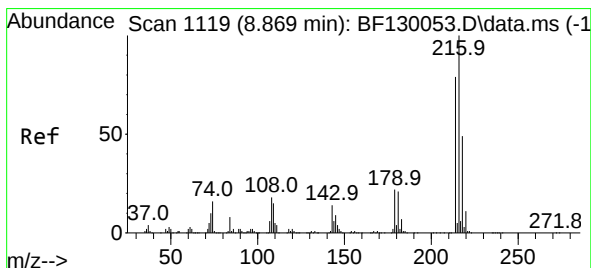
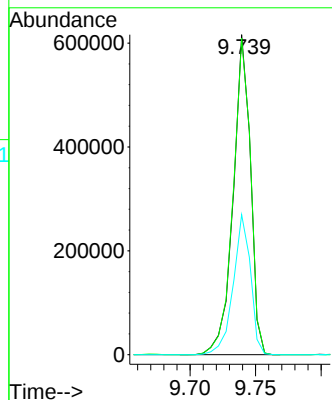
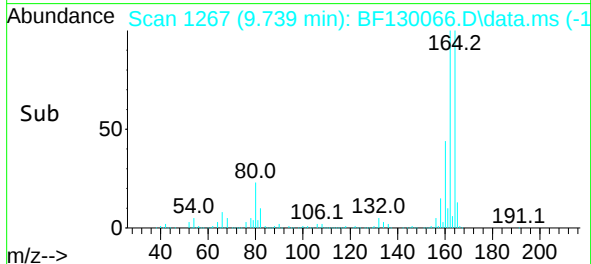
Instrument :
BNA_F
ClientSampleId :
PB147324BS



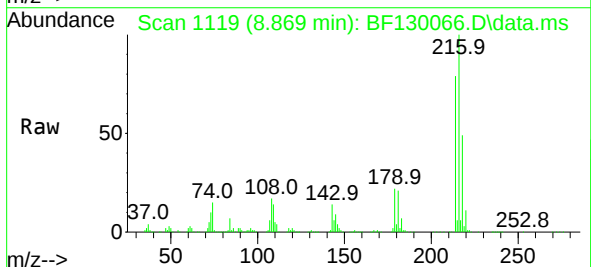
Tgt Ion:164 Resp: 56414
Ion Ratio Lower Upper
164 100
162 98.9 82.0 123.0
160 43.7 35.4 53.0

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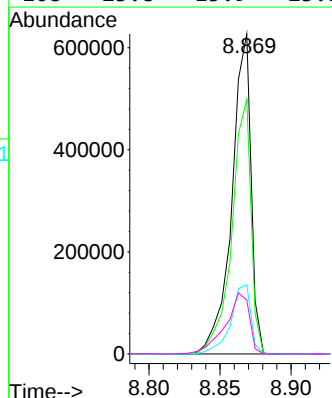
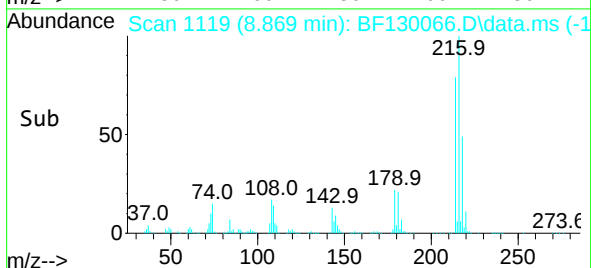
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.028 ng
RT: 8.869 min Scan# 1119
Delta R.T. 0.000 min
Lab File: BF130066.D
Acq: 31 Aug 2022 23:18



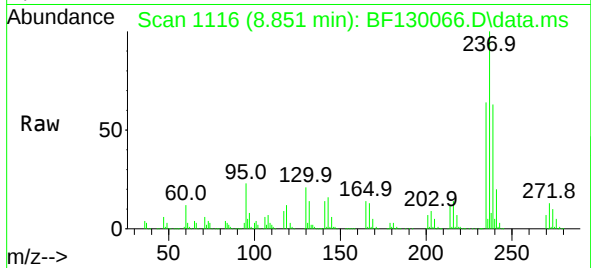
Tgt Ion:216 Resp: 588835
Ion Ratio Lower Upper
216 100
214 79.7 63.1 94.7
179 22.7 18.1 27.1
108 23.8 15.9 23.9





#41
Hexachlorocyclopentadiene
Concen: 100.760 ng
RT: 8.851 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BF130066.D
Acq: 31 Aug 2022 23:18

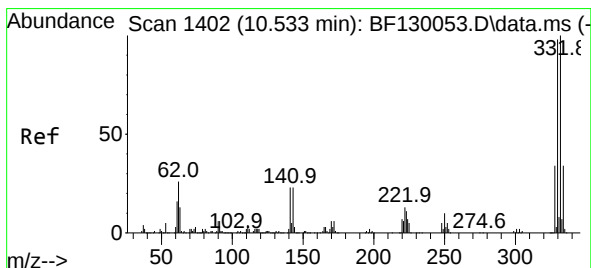
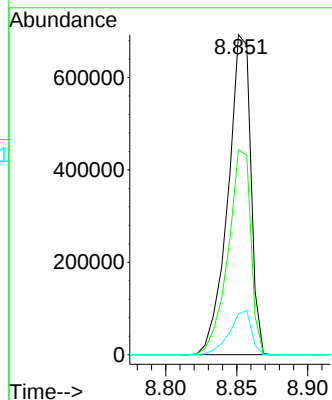
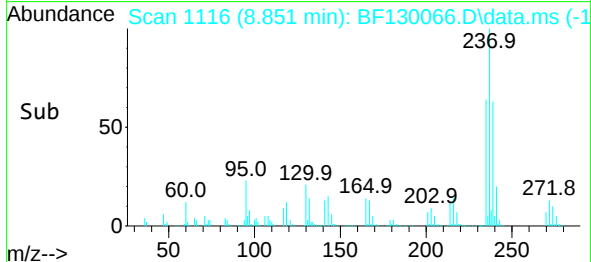
Instrument :
BNA_F
ClientSampleId :
PB147324BS



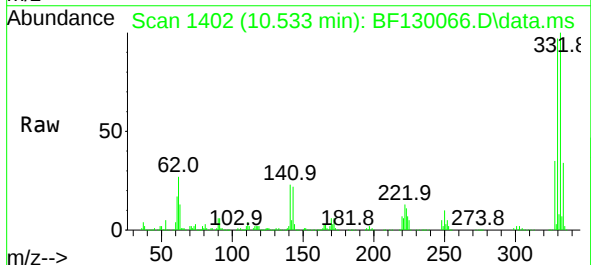
Tgt Ion:237 Resp: 77464
Ion Ratio Lower Upper
237 100
235 64.0 41.5 81.5
272 12.8 0.0 33.3

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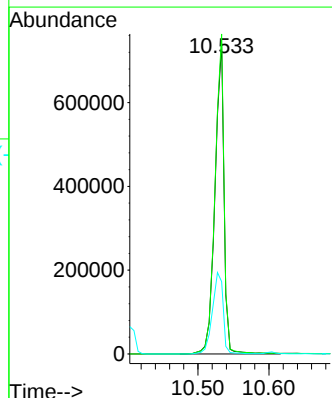
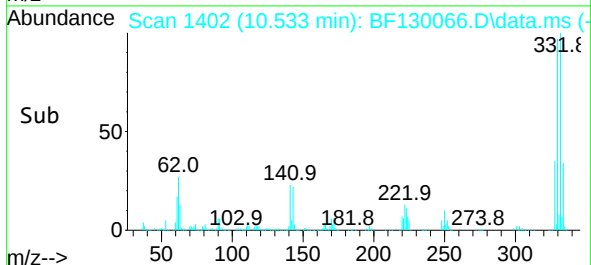
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022

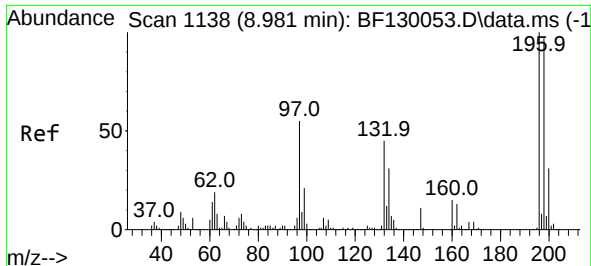


#42
2,4,6-Tribromophenol
Concen: 128.805 ng
RT: 10.533 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF130066.D
Acq: 31 Aug 2022 23:18



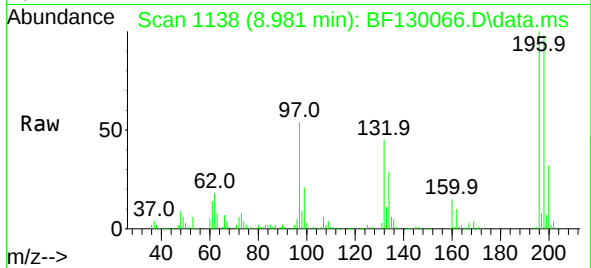
Tgt Ion:330 Resp: 661449
Ion Ratio Lower Upper
330 100
332 102.6 82.6 124.0
141 31.1 27.6 41.4





#43
2,4,6-Trichlorophenol
Concen: 39.923 ng
RT: 8.981 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BF130066.D
Acq: 31 Aug 2022 23:18

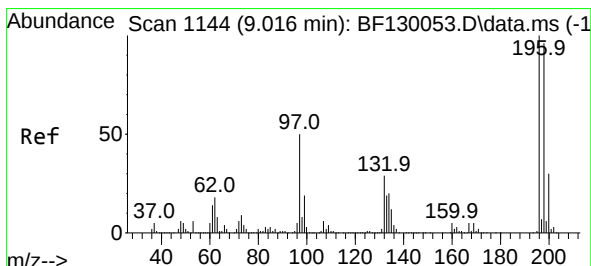
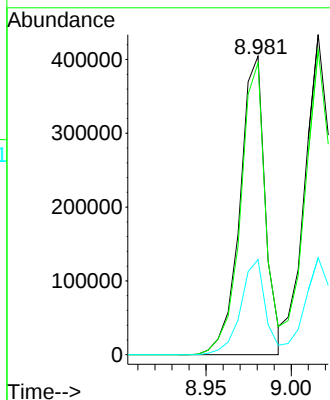
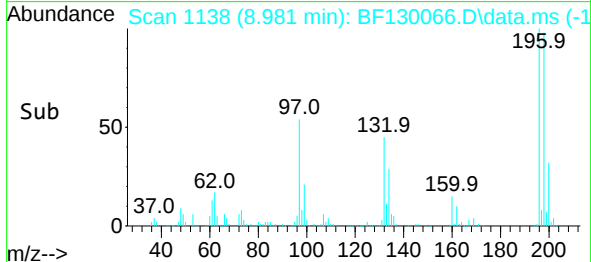
Instrument :
BNA_F
ClientSampleId :
PB147324BS



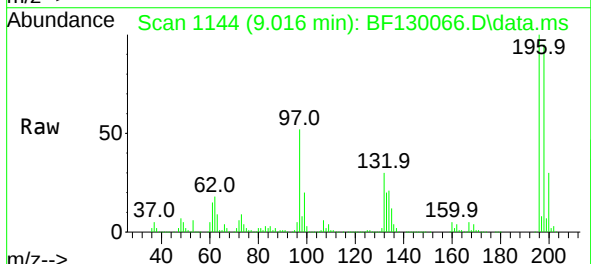
Tgt Ion:196 Resp: 419200
Ion Ratio Lower Upper
196 100
198 97.8 79.0 118.4
200 31.9 25.1 37.7

Manual Integrations
APPROVED

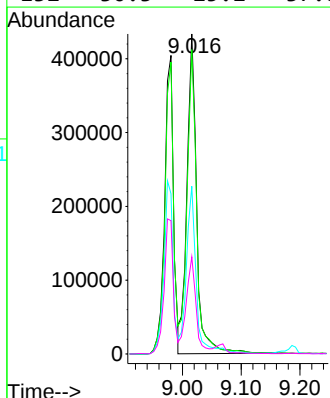
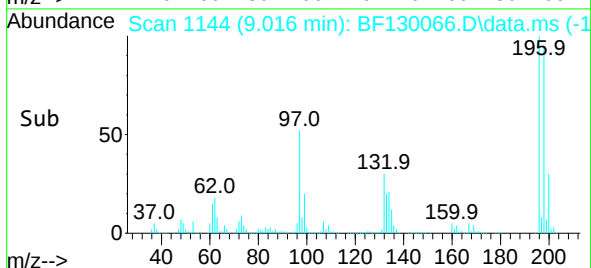
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022

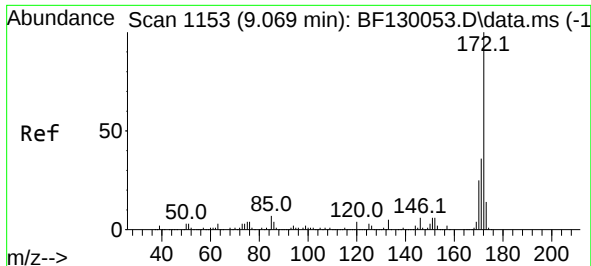


#44
2,4,5-Trichlorophenol
Concen: 43.893 ng
RT: 9.016 min Scan# 1144
Delta R.T. 0.000 min
Lab File: BF130066.D
Acq: 31 Aug 2022 23:18



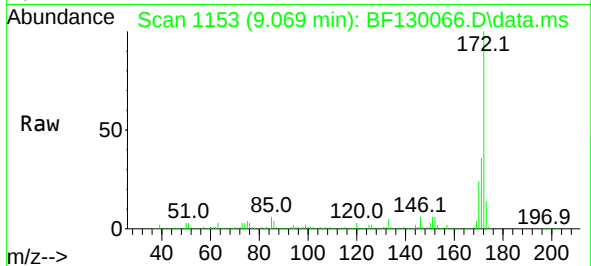
Tgt Ion:196 Resp: 499555
Ion Ratio Lower Upper
196 100
198 95.1 76.4 114.6
97 52.4 46.5 69.7
132 30.3 25.2 37.8





#45
2-Fluorobiphenyl
Concen: 75.519 ng
RT: 9.069 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BF130066.D
Acq: 31 Aug 2022 23:18

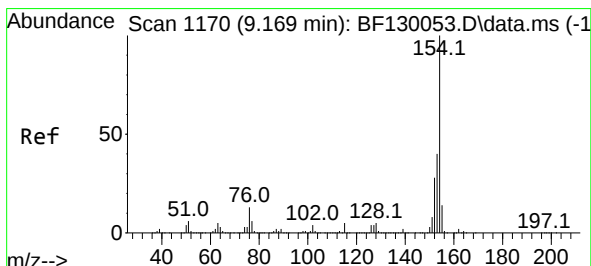
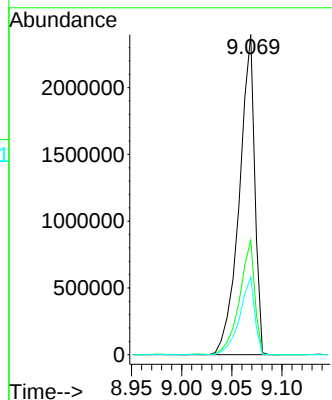
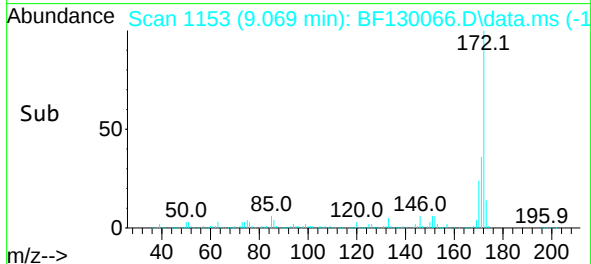
Instrument :
BNA_F
ClientSampleId :
PB147324BS



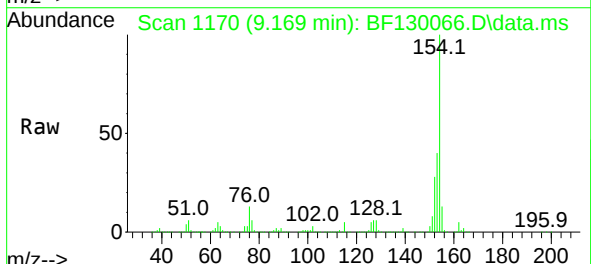
Tgt Ion:172 Resp: 2569659
Ion Ratio Lower Upper
172 100
171 35.8 28.4 42.6
170 24.2 19.1 28.7

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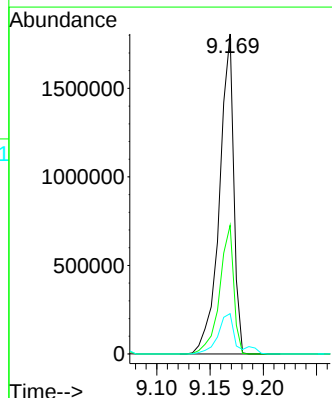
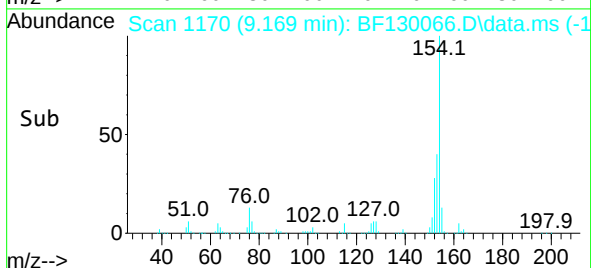
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022

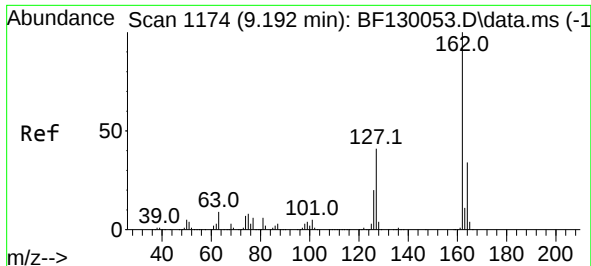


#46
1,1'-Biphenyl
Concen: 40.880 ng
RT: 9.169 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF130066.D
Acq: 31 Aug 2022 23:18



Tgt Ion:154 Resp: 1675472
Ion Ratio Lower Upper
154 100
153 40.2 20.2 60.2
76 12.6 0.0 32.1





#47

2-Chloronaphthalene

Concen: 40.088 ng

RT: 9.186 min Scan# 1174

Delta R.T. -0.006 min

Lab File: BF130066.D

Acq: 31 Aug 2022 23:18

Instrument :

BNA_F

ClientSampleId :

PB147324BS

Tgt Ion:162 Resp: 131646

Ion Ratio Lower Upper

162 100

127 42.6 33.1 49.7

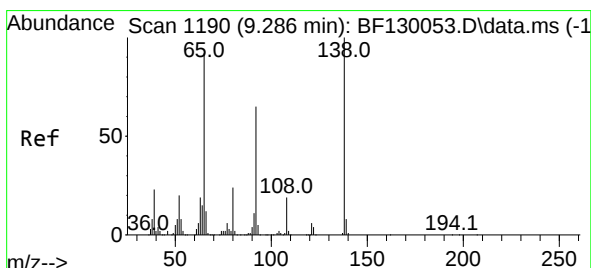
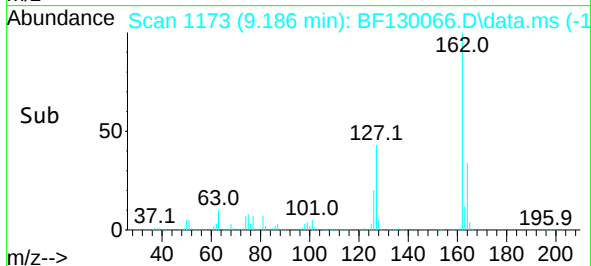
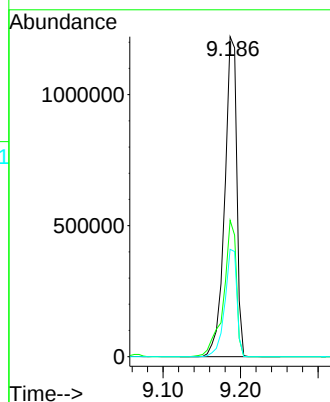
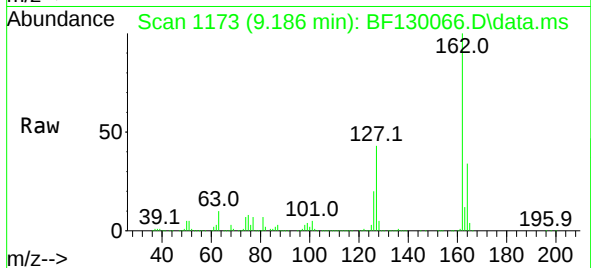
164 33.6 26.7 40.1

Manual Integrations

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Reviewed By :Christian Giraldo 09/01/2022

Supervised By :Jagrut Upadhyay 09/01/2022



#48

2-Nitroaniline

Concen: 49.222 ng

RT: 9.286 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF130066.D

Acq: 31 Aug 2022 23:18

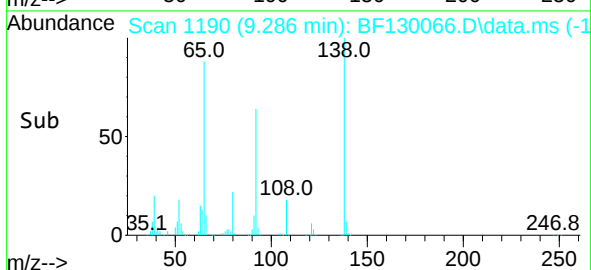
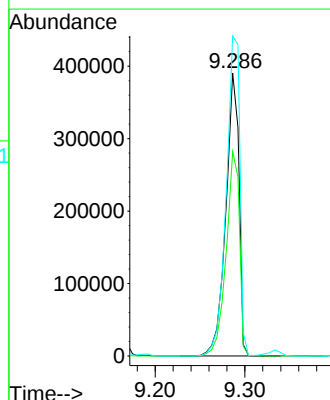
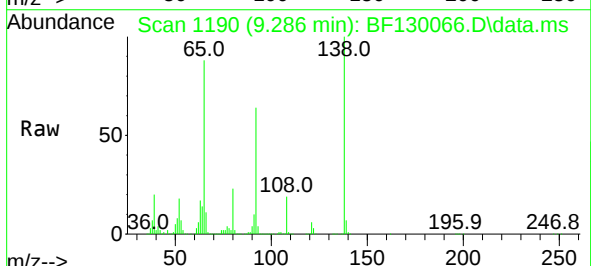
Tgt Ion: 65 Resp: 398323

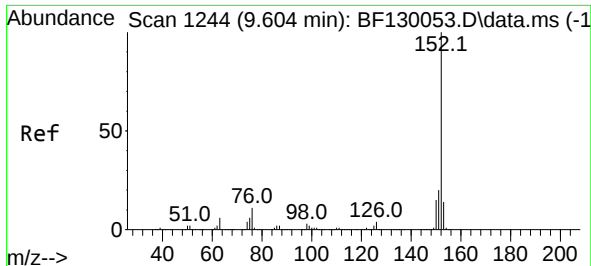
Ion Ratio Lower Upper

65 100

92 72.3 55.0 82.4

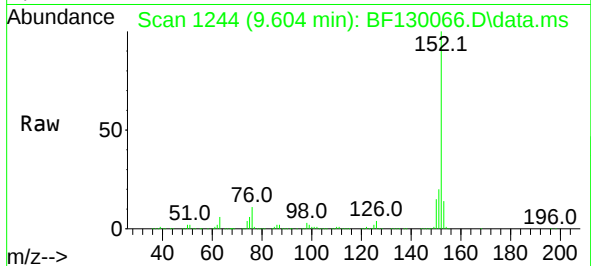
138 113.1 81.3 121.9





#49
Acenaphthylene
Concen: 40.357 ng
RT: 9.604 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130066.D
Acq: 31 Aug 2022 23:18

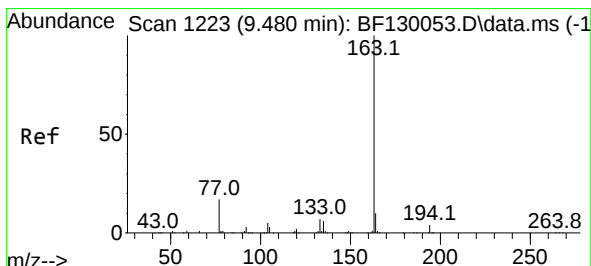
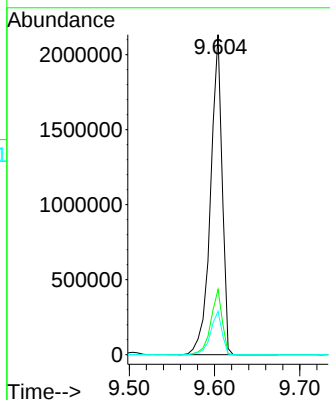
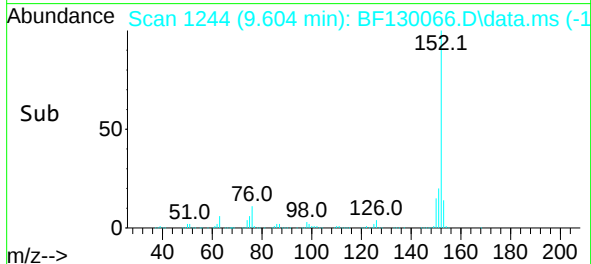
Instrument :
BNA_F
ClientSampleId :
PB147324BS



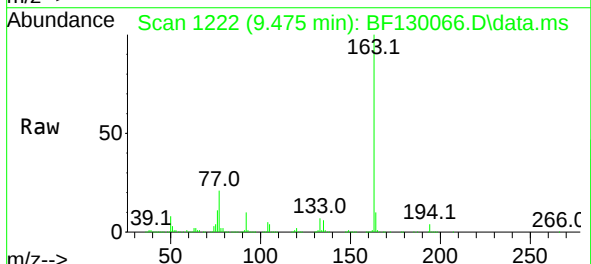
Tgt Ion:152 Resp: 2012504
Ion Ratio Lower Upper
152 100
151 20.4 16.1 24.1
153 13.5 10.6 16.0

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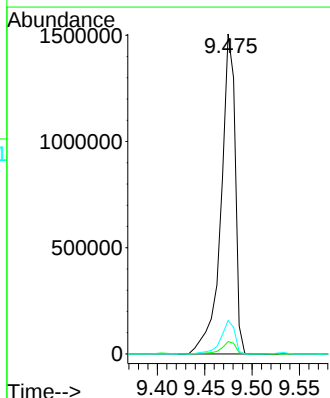
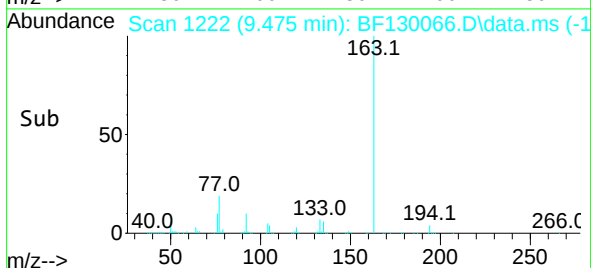
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022

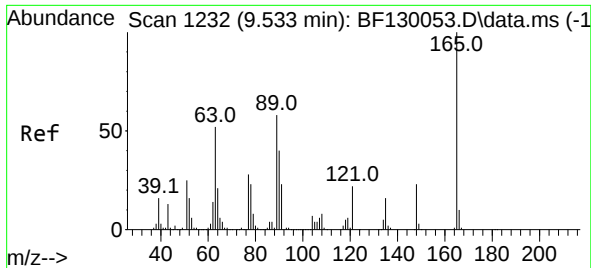


#50
Dimethylphthalate
Concen: 40.976 ng
RT: 9.475 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BF130066.D
Acq: 31 Aug 2022 23:18



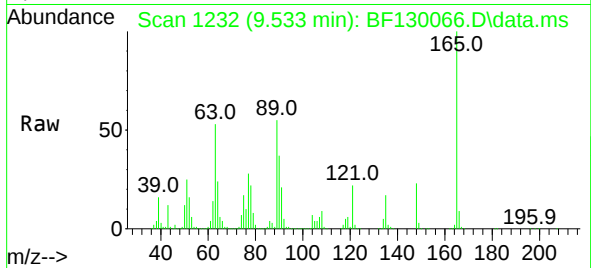
Tgt Ion:163 Resp: 1574489
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.5 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 46.833 ng
RT: 9.533 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BF130066.D
Acq: 31 Aug 2022 23:18

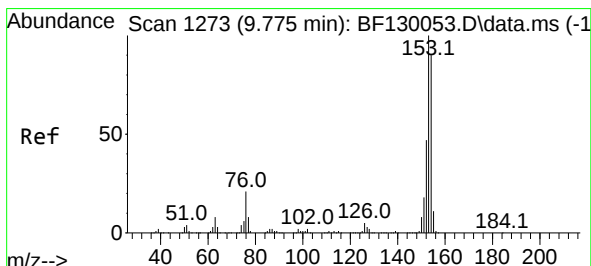
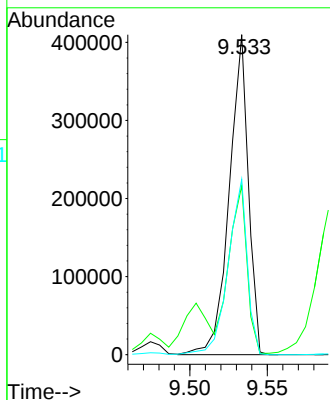
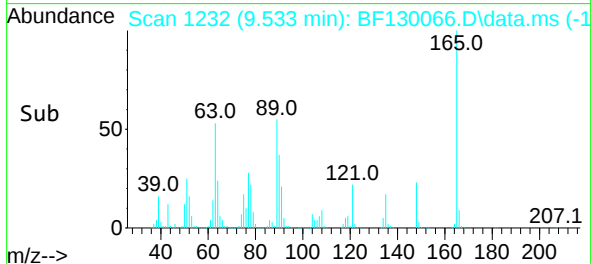
Instrument :
BNA_F
ClientSampleId :
PB147324BS



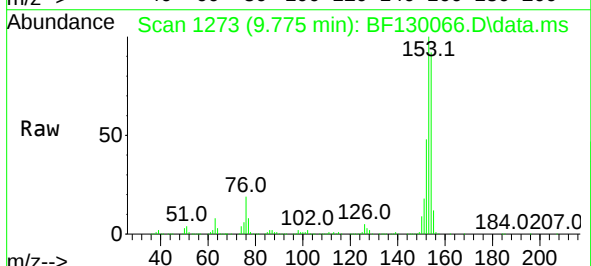
Tgt Ion:165 Resp: 35085
Ion Ratio Lower Upper
165 100
63 52.8 47.8 71.8
89 54.8 47.2 70.8

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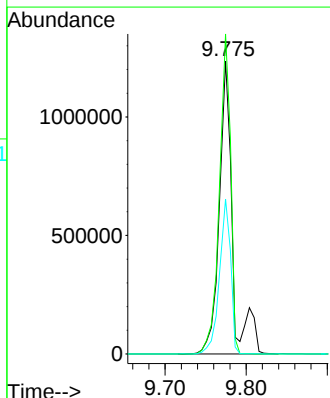
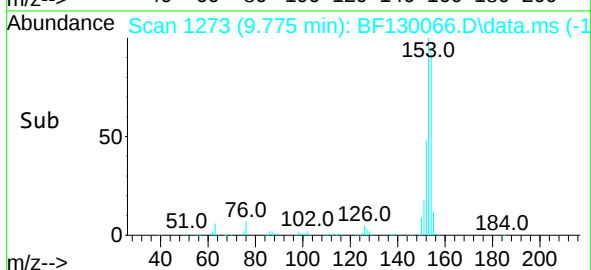
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022

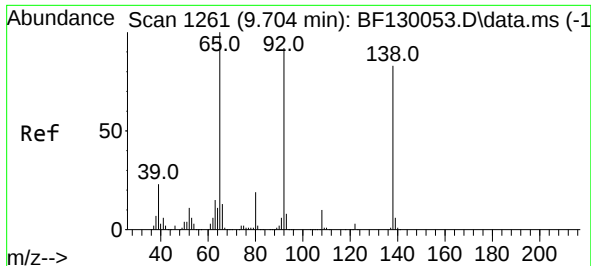


#52
Acenaphthene
Concen: 44.305 ng m
RT: 9.775 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BF130066.D
Acq: 31 Aug 2022 23:18



Tgt Ion:154 Resp: 1392376
Ion Ratio Lower Upper
154 100
153 109.2 89.8 134.6
152 52.9 42.1 63.1





#53
3-Nitroaniline
Concen: 37.315 ng
RT: 9.698 min Scan# 1260
Delta R.T. -0.006 min
Lab File: BF130066.D
Acq: 31 Aug 2022 23:18

Instrument :

BNA_F

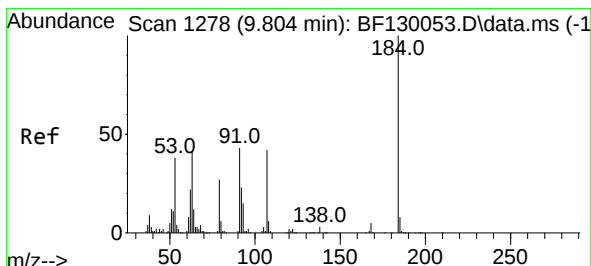
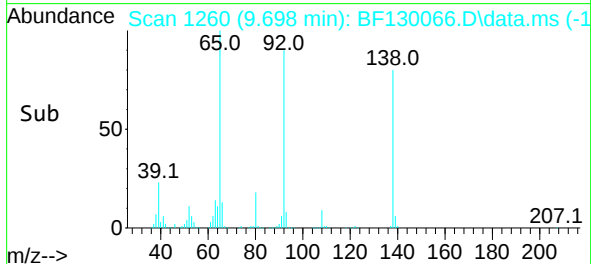
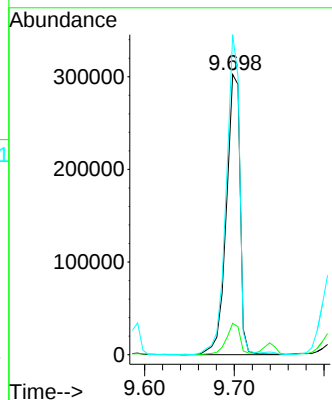
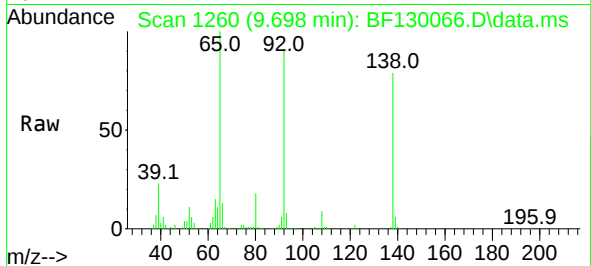
ClientSampleId :

PB147324BS

Tgt Ion:138 Resp: 32086
Ion Ratio Lower Upper
138 100
108 11.2 8.4 12.6
92 114.2 89.8 134.8

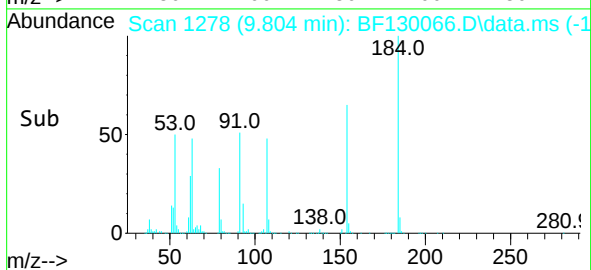
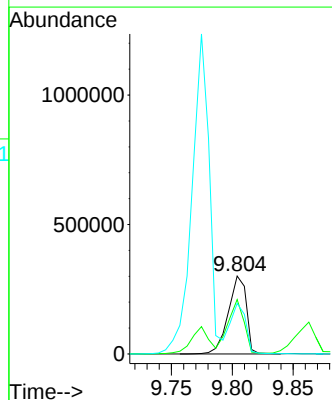
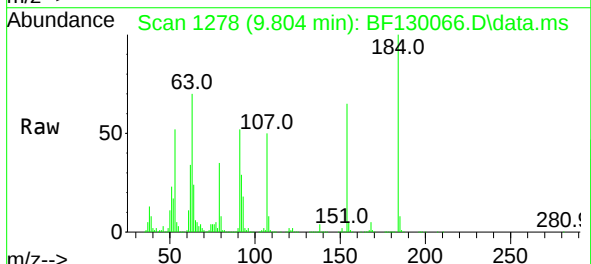
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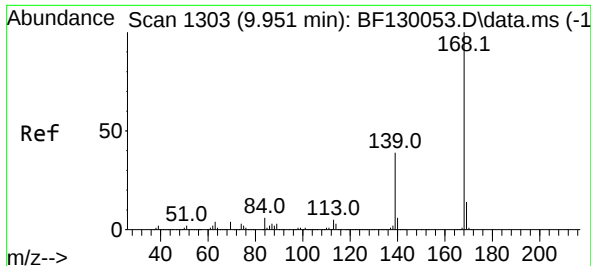
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022



#54
2,4-Dinitrophenol
Concen: 90.176 ng
RT: 9.804 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BF130066.D
Acq: 31 Aug 2022 23:18

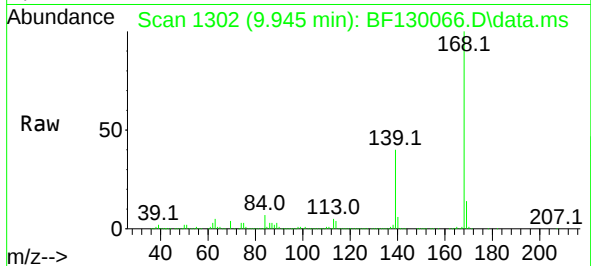
Tgt Ion:184 Resp: 310603
Ion Ratio Lower Upper
184 100
63 69.8 59.6 89.4
154 64.9 55.3 82.9





#55
Dibenzenofuran
Concen: 39.962 ng
RT: 9.945 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130066.D
Acq: 31 Aug 2022 23:18

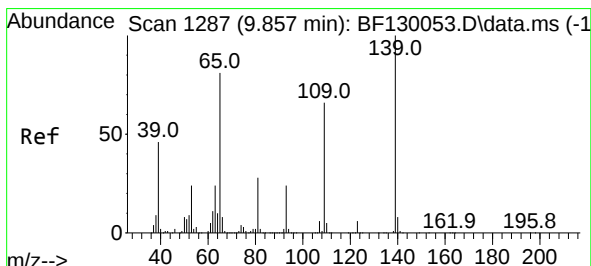
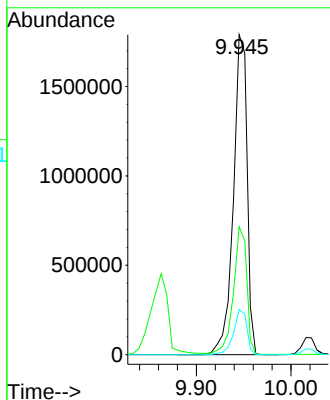
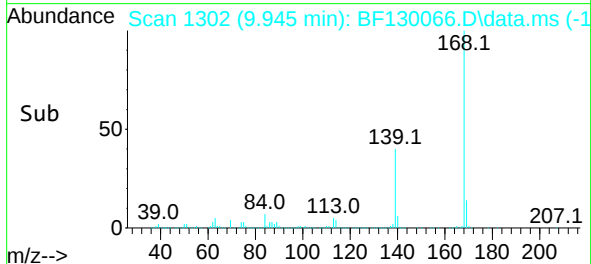
Instrument :
BNA_F
ClientSampleId :
PB147324BS



Tgt Ion:168 Resp: 1798390
Ion Ratio Lower Upper
168 100
139 40.0 31.3 46.9
169 14.1 10.7 16.1

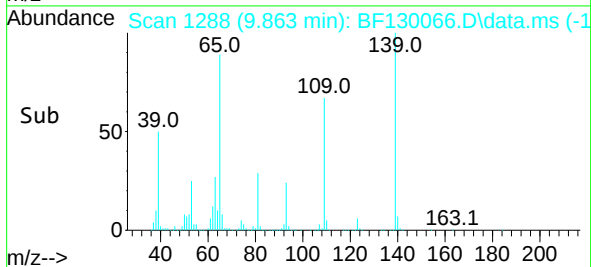
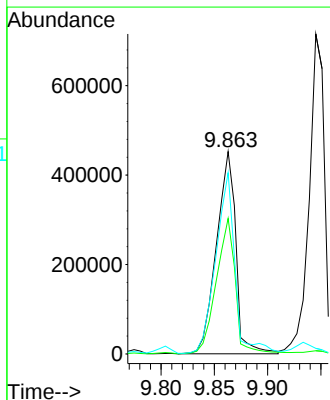
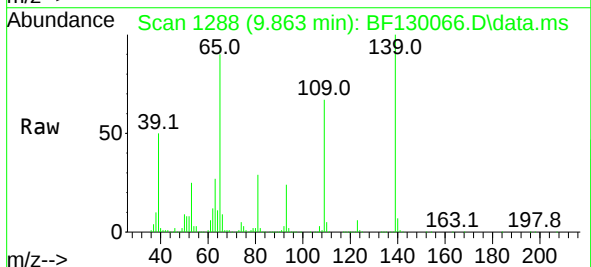
Manual Integrations
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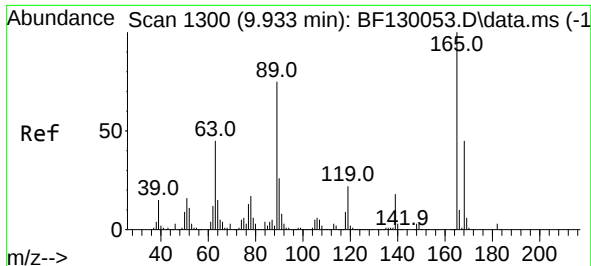
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022



#56
4-Nitrophenol
Concen: 86.402 ng
RT: 9.863 min Scan# 1288
Delta R.T. 0.006 min
Lab File: BF130066.D
Acq: 31 Aug 2022 23:18

Tgt Ion:139 Resp: 572802
Ion Ratio Lower Upper
139 100
109 67.0 52.9 92.9
65 89.6 79.5 119.5





#57

2,4-Dinitrotoluene

Concen: 50.812 ng

RT: 9.933 min Scan# 1300

Delta R.T. 0.000 min

Lab File: BF130066.D

Acq: 31 Aug 2022 23:18

Instrument :

BNA_F

ClientSampleId :

PB147324BS

Tgt Ion:165 Resp: 438270

Ion Ratio Lower Upper

165 100

63 46.6 48.4 72.6

89 74.2 62.3 93.5

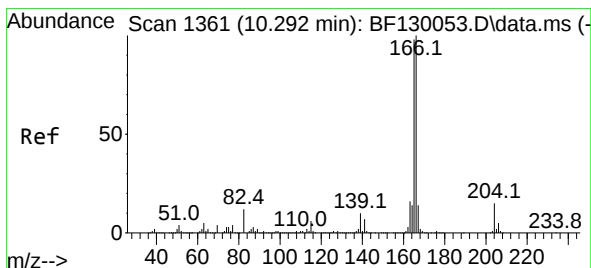
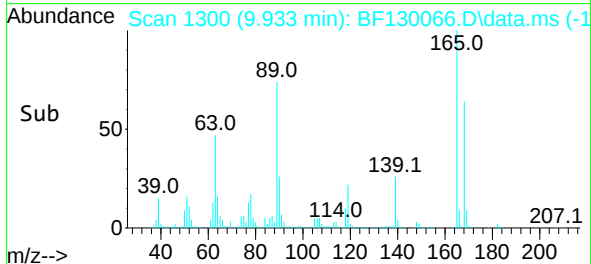
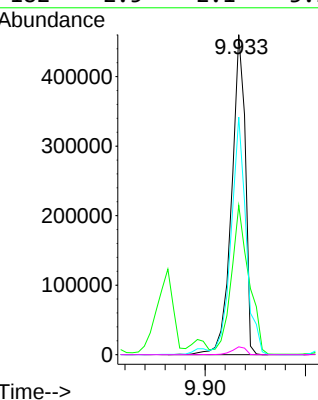
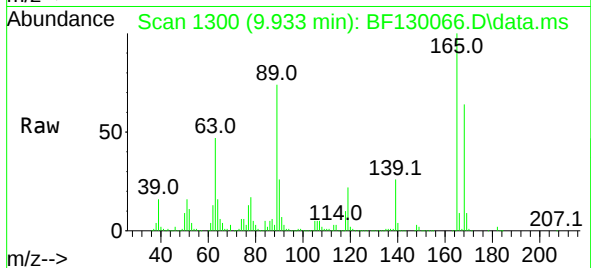
182 2.5 2.1 3.1

Manual Integrations

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Reviewed By :Christian Giraldo 09/01/2022

Supervised By :Jagrut Upadhyay 09/01/2022



#58

Fluorene

Concen: 38.707 ng

RT: 10.292 min Scan# 1361

Delta R.T. 0.000 min

Lab File: BF130066.D

Acq: 31 Aug 2022 23:18

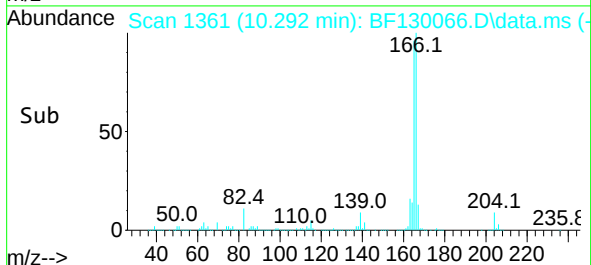
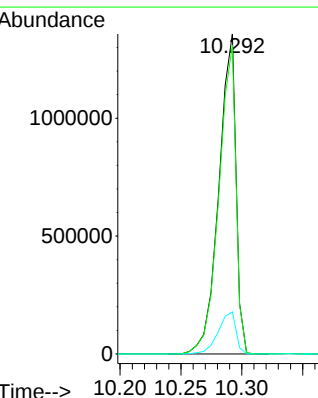
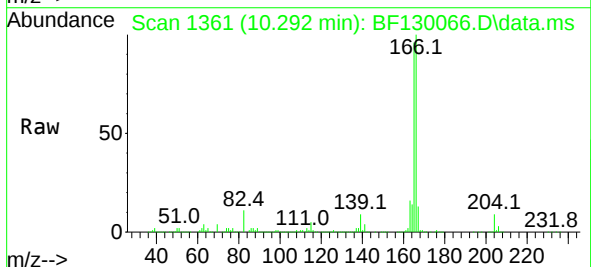
Tgt Ion:166 Resp: 1325388

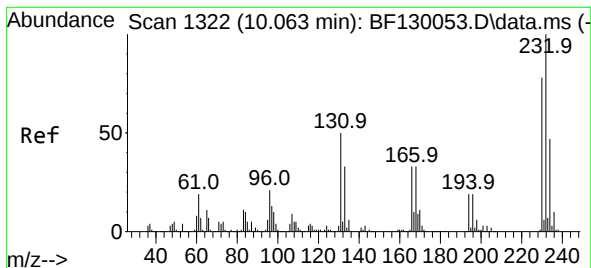
Ion Ratio Lower Upper

166 100

165 96.5 77.9 116.9

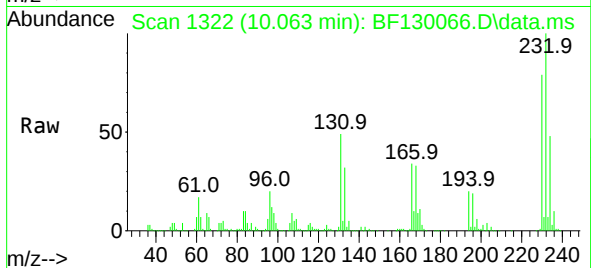
167 13.2 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.131 ng
RT: 10.063 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF130066.D
Acq: 31 Aug 2022 23:18

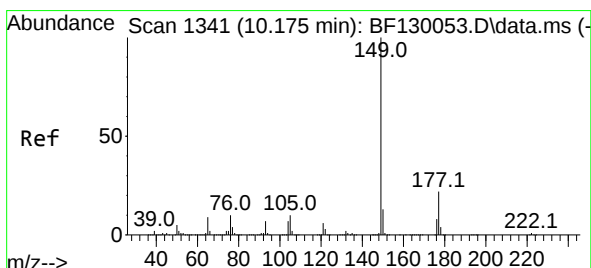
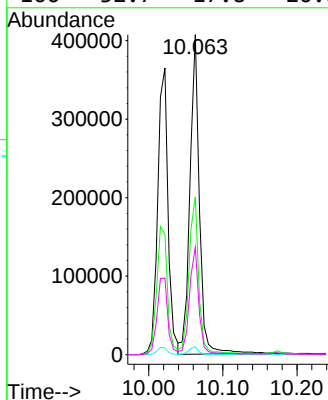
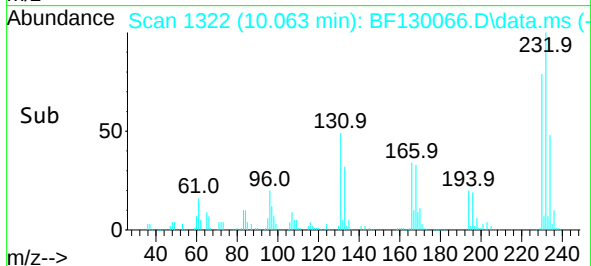
Instrument :
BNA_F
ClientSampleId :
PB147324BS



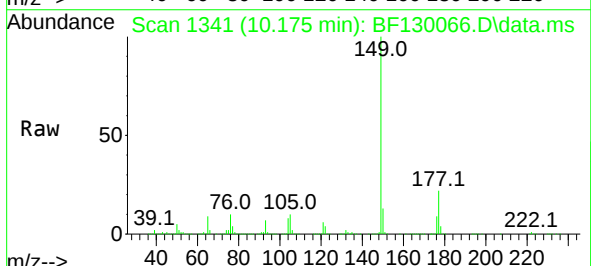
Tgt Ion:232 Resp: 363584
Ion Ratio Lower Upper
232 100
131 51.8 29.9 44.9
130 2.5 1.5 2.3
166 32.7 17.8 26.8

Manual Integrations
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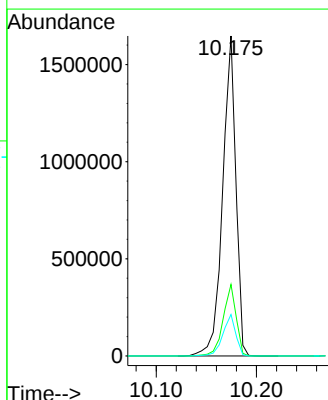
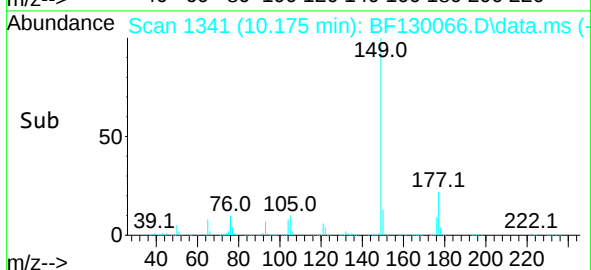
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022

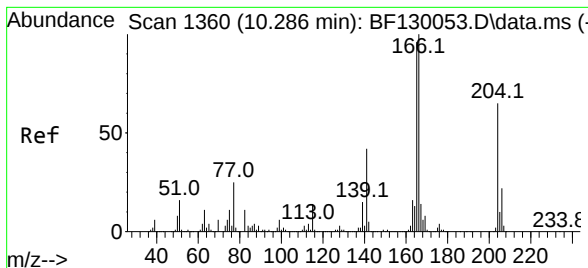


#60
Diethylphthalate
Concen: 40.459 ng
RT: 10.175 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BF130066.D
Acq: 31 Aug 2022 23:18



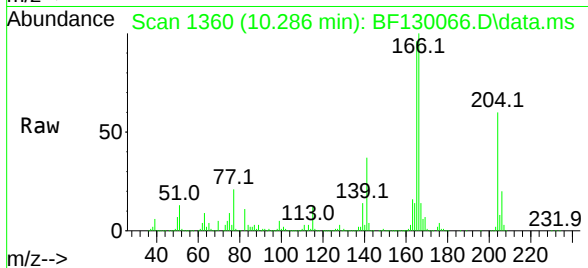
Tgt Ion:149 Resp: 1504007
Ion Ratio Lower Upper
149 100
177 22.3 17.7 26.5
150 13.0 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 39.352 ng
RT: 10.286 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BF130066.D
Acq: 31 Aug 2022 23:18

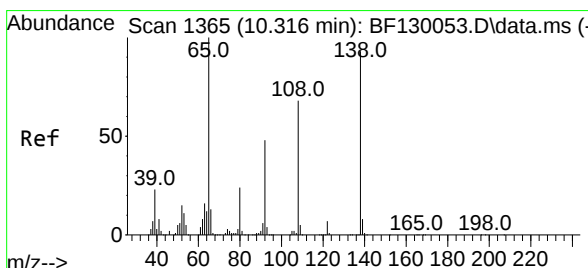
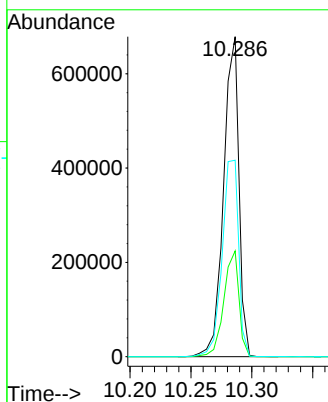
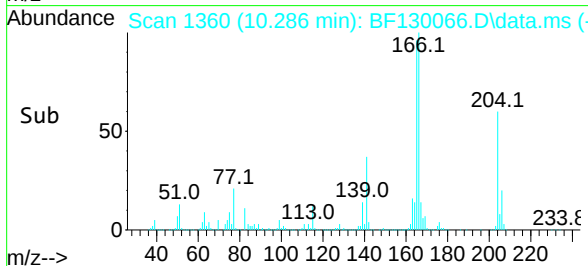
Instrument :
BNA_F
ClientSampleId :
PB147324BS



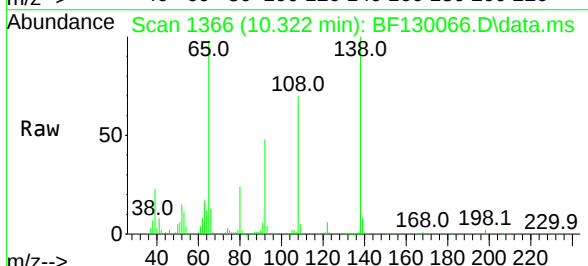
Tgt Ion:204 Resp: 595660
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 61.4 52.6 79.0

Manual Integrations
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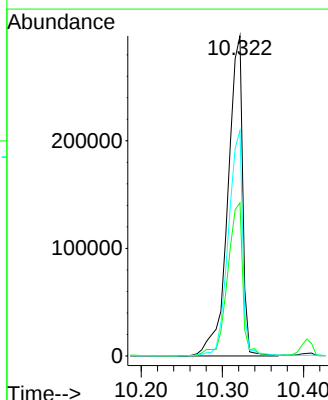
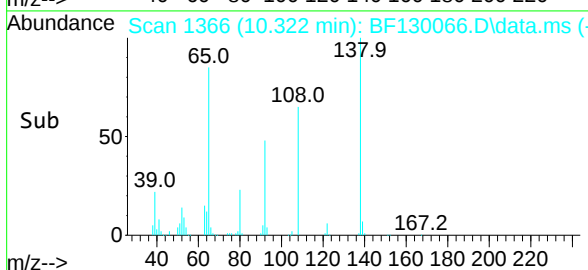
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022

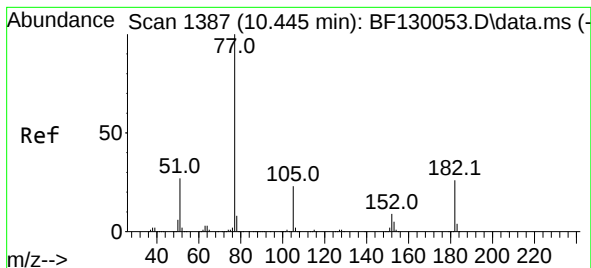


#62
4-Nitroaniline
Concen: 44.961 ng
RT: 10.322 min Scan# 1366
Delta R.T. 0.006 min
Lab File: BF130066.D
Acq: 31 Aug 2022 23:18



Tgt Ion:138 Resp: 376002
Ion Ratio Lower Upper
138 100
92 47.9 30.3 70.3
108 70.4 55.7 95.7





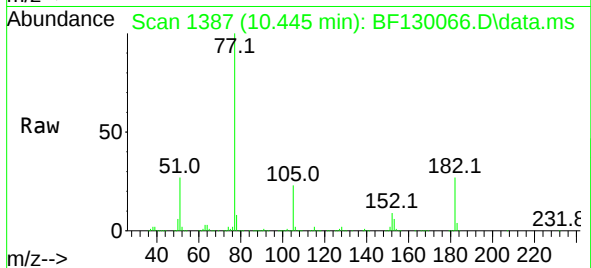
#63
Azobenzene
Concen: 39.874 ng
RT: 10.445 min Scan# 1387
Delta R.T. -0.000 min
Lab File: BF130066.D
Acq: 31 Aug 2022 23:18

Instrument :

BNA_F

ClientSampleId :

PB147324BS

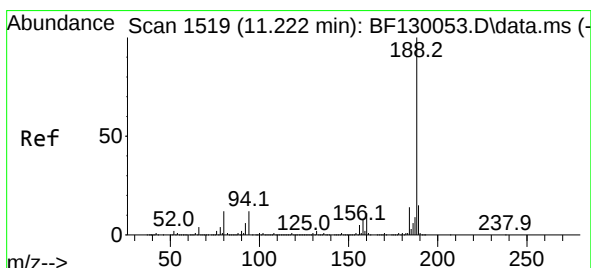
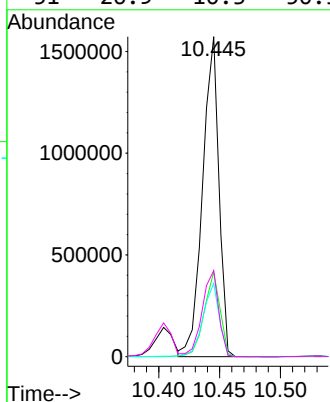
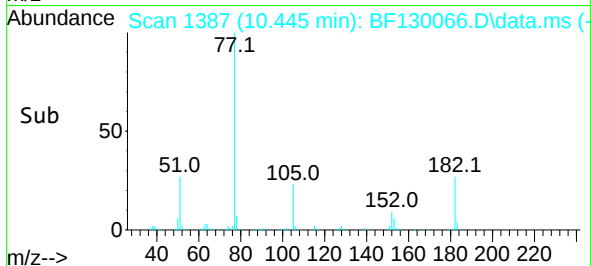


Tgt Ion: 77 Resp: 1459420
Ion Ratio Lower Upper
77 100
182 26.5 2.2 42.2
105 22.9 0.8 40.8
51 26.9 10.3 50.3

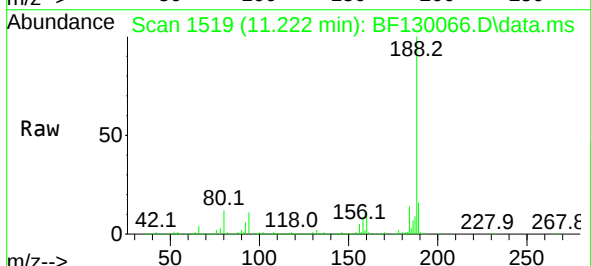
Manual Integrations

APPROVED

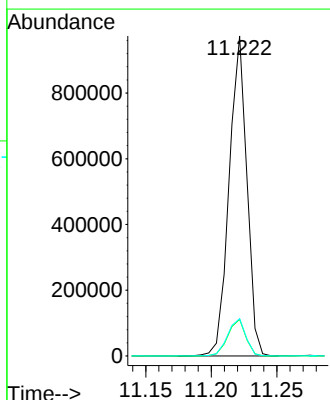
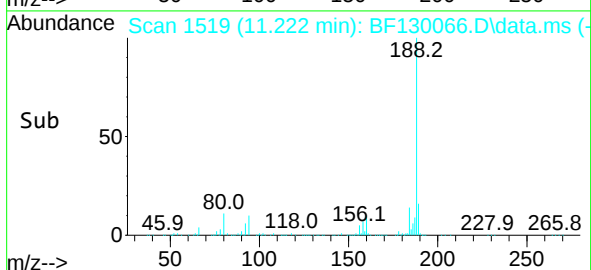
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022

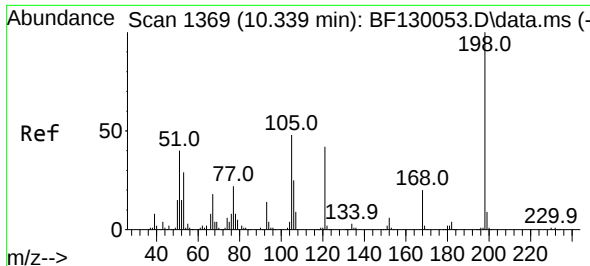


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.222 min Scan# 1519
Delta R.T. -0.000 min
Lab File: BF130066.D
Acq: 31 Aug 2022 23:18



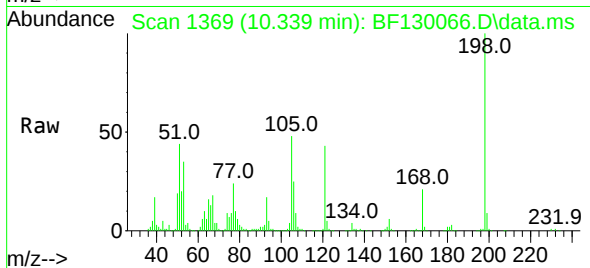
Tgt Ion:188 Resp: 915256
Ion Ratio Lower Upper
188 100
94 11.5 7.4 11.2#
80 11.6 7.9 11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 43.806 ng
RT: 10.339 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF130066.D
Acq: 31 Aug 2022 23:18

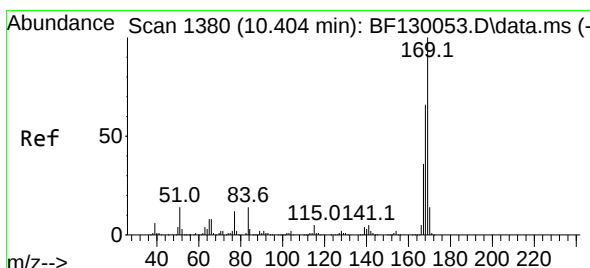
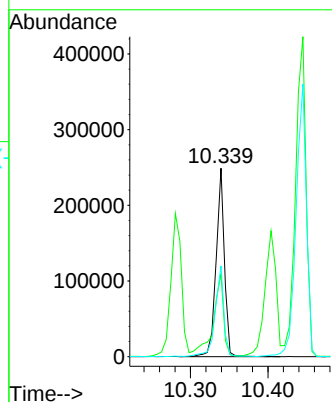
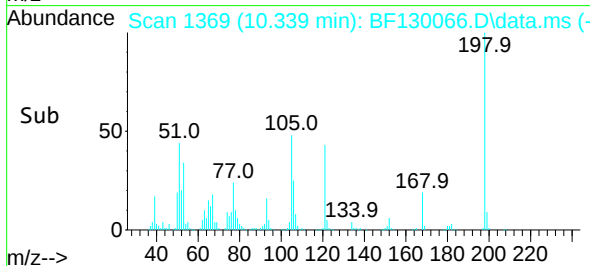
Instrument :
BNA_F
ClientSampleId :
PB147324BS



Tgt Ion:198 Resp: 18613
Ion Ratio Lower Upper
198 100
51 43.8 29.4 69.4
105 48.1 29.2 69.2

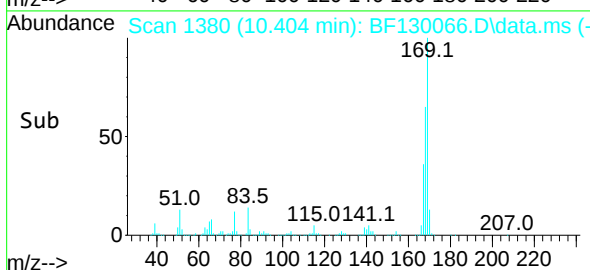
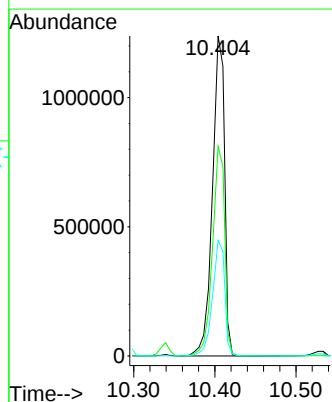
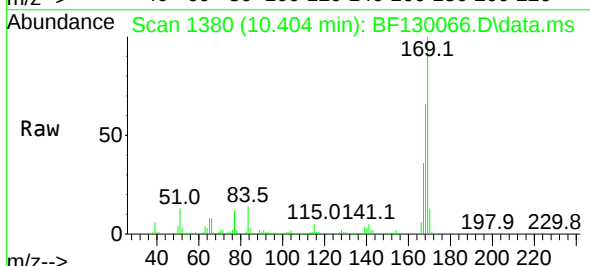
Manual Integrations
APPROVED

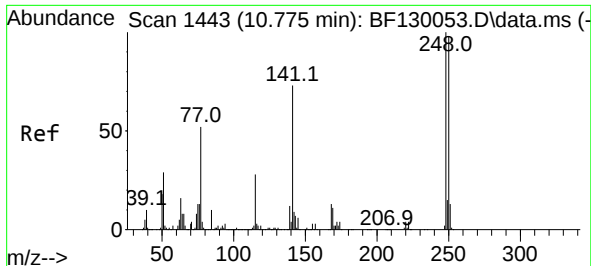
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022



#66
n-Nitrosodiphenylamine
Concen: 41.759 ng
RT: 10.404 min Scan# 1380
Delta R.T. 0.000 min
Lab File: BF130066.D
Acq: 31 Aug 2022 23:18

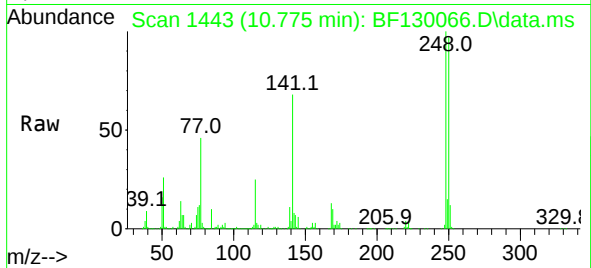
Tgt Ion:169 Resp: 1277668
Ion Ratio Lower Upper
169 100
168 65.5 53.4 80.2
167 36.1 29.1 43.7





#67
4-Bromophenyl-phenylether
Concen: 41.668 ng
RT: 10.775 min Scan# 1443
Delta R.T. 0.000 min
Lab File: BF130066.D
Acq: 31 Aug 2022 23:18

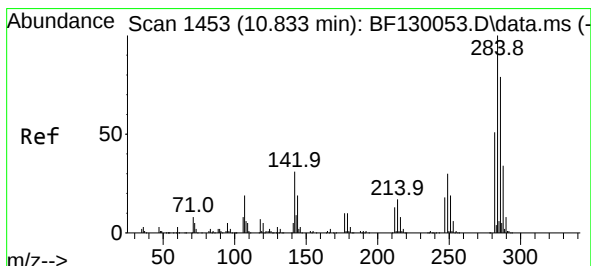
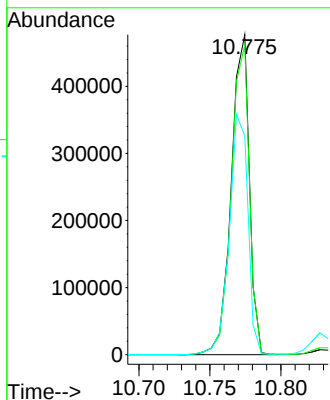
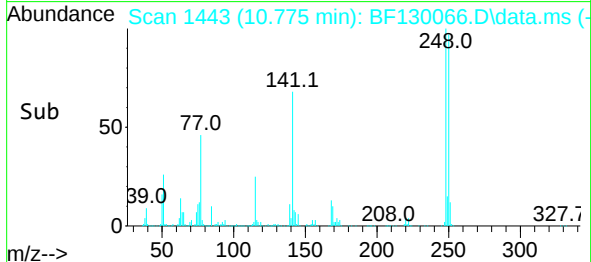
Instrument :
BNA_F
ClientSampleId :
PB147324BS



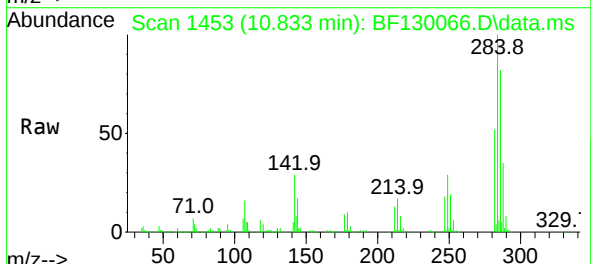
Tgt Ion:248 Resp: 424190
Ion Ratio Lower Upper
248 100
250 96.8 77.8 116.6
141 68.4 66.2 99.2

Manual Integrations
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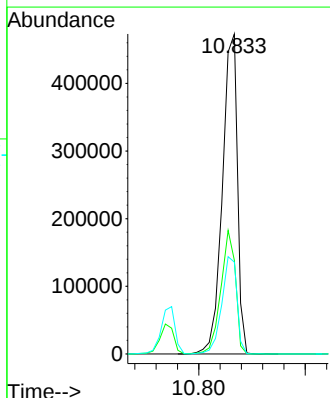
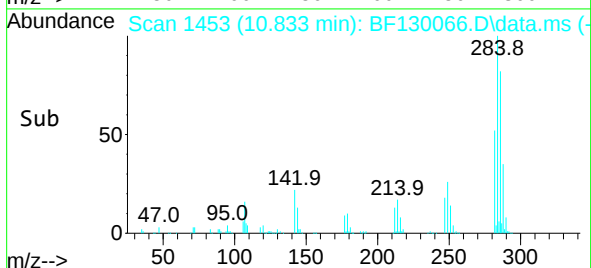
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022

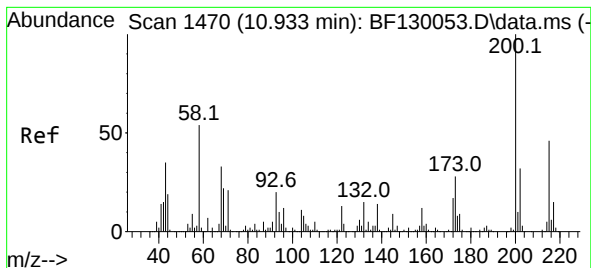


#68
Hexachlorobenzene
Concen: 41.719 ng
RT: 10.833 min Scan# 1453
Delta R.T. 0.000 min
Lab File: BF130066.D
Acq: 31 Aug 2022 23:18



Tgt Ion:284 Resp: 462787
Ion Ratio Lower Upper
284 100
142 29.3 31.4 47.0#
249 28.7 25.7 38.5





#69

Atrazine

Concen: 46.817 ng

RT: 10.939 min Scan# 1471

Delta R.T. 0.006 min

Lab File: BF130066.D

Acq: 31 Aug 2022 23:18

Instrument :

BNA_F

ClientSampleId :

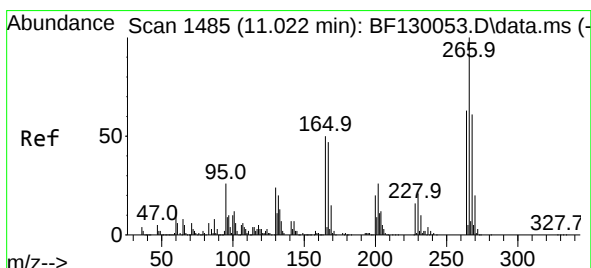
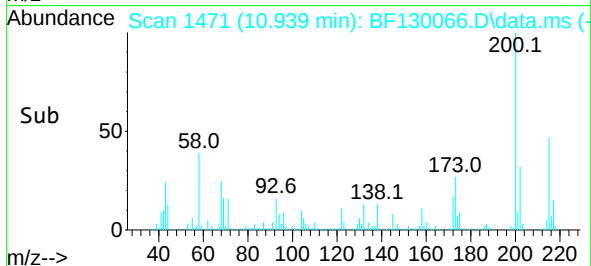
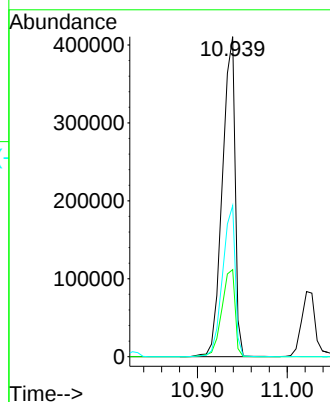
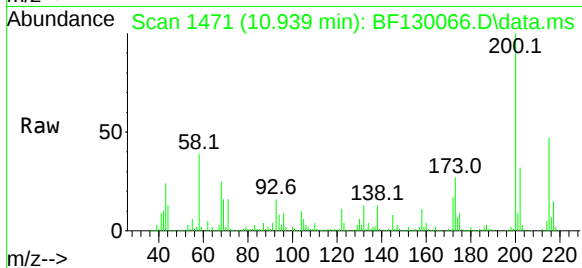
PB147324BS

Tgt Ion:200 Resp: 405239
 Ion Ratio Lower Upper
 200 100
 173 27.2 6.4 46.4
 215 47.2 27.1 67.1

Manual Integrations

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Reviewed By :Christian Giraldo 09/01/2022
 Supervised By :Jagrut Upadhyay 09/01/2022



#70

Pentachlorophenol

Concen: 85.428 ng

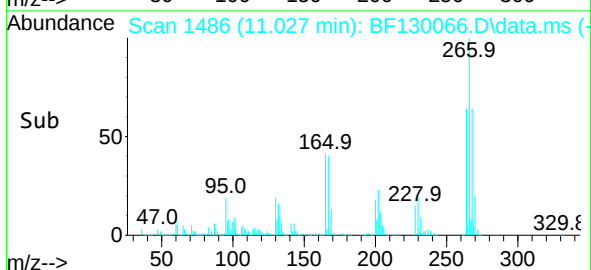
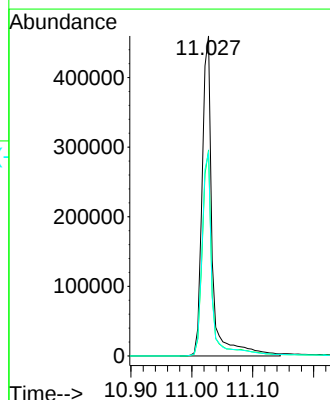
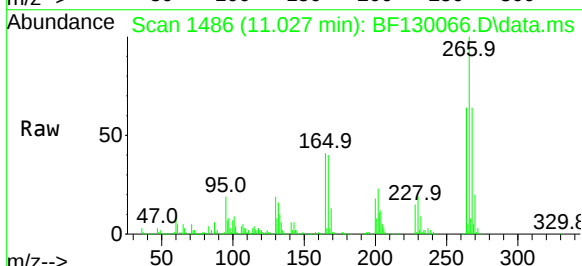
RT: 11.027 min Scan# 1486

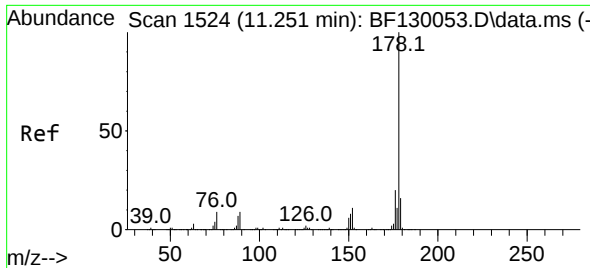
Delta R.T. 0.006 min

Lab File: BF130066.D

Acq: 31 Aug 2022 23:18

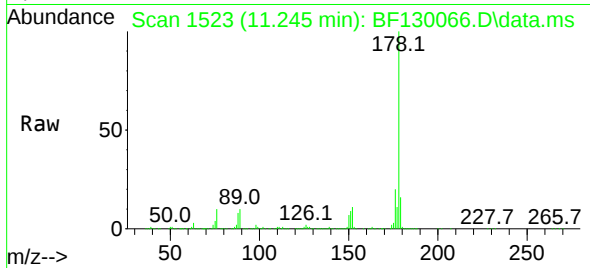
Tgt Ion:266 Resp: 529911
 Ion Ratio Lower Upper
 266 100
 268 64.3 49.0 73.4
 264 63.5 47.9 71.9





#71
Phenanthrene
Concen: 39.410 ng
RT: 11.245 min Scan# 1524
Delta R.T. -0.006 min
Lab File: BF130066.D
Acq: 31 Aug 2022 23:18

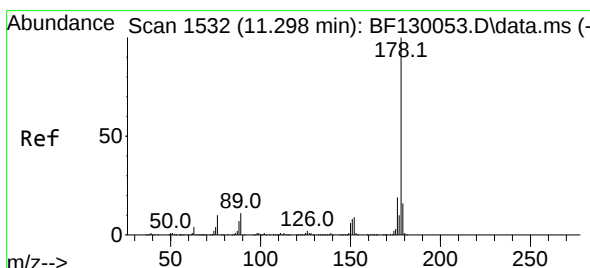
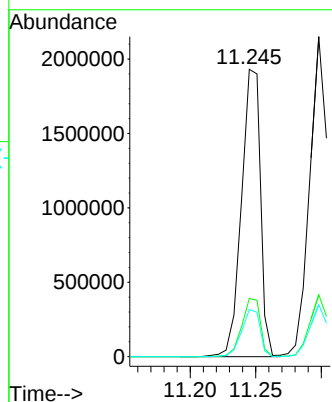
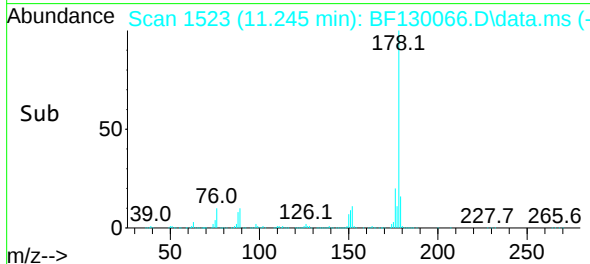
Instrument :
BNA_F
ClientSampleId :
PB147324BS



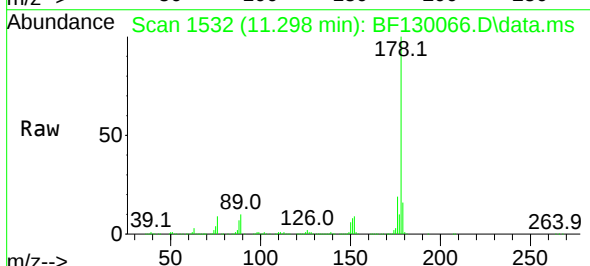
Tgt Ion:178 Resp: 195615
Ion Ratio Lower Upper
178 100
176 20.3 15.5 23.3
179 16.4 12.5 18.7

Manual Integrations
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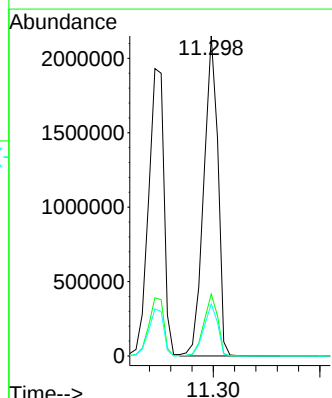
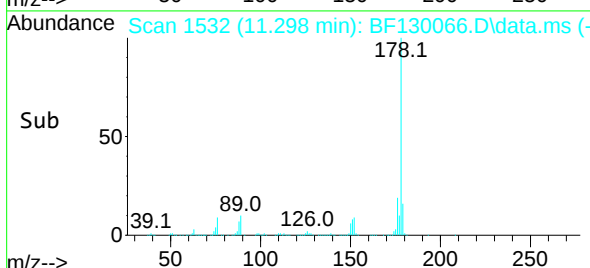
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022

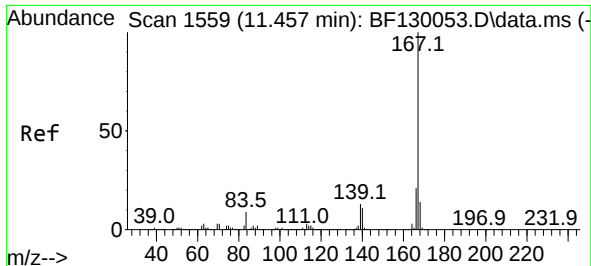


#72
Anthracene
Concen: 40.692 ng
RT: 11.298 min Scan# 1532
Delta R.T. 0.000 min
Lab File: BF130066.D
Acq: 31 Aug 2022 23:18



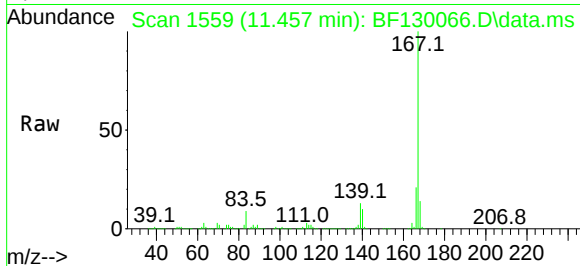
Tgt Ion:178 Resp: 1985512
Ion Ratio Lower Upper
178 100
176 19.3 15.1 22.7
179 16.2 12.6 18.8





#73
 Carbazole
 Concen: 40.963 ng
 RT: 11.457 min Scan# 1559
 Delta R.T. 0.000 min
 Lab File: BF130066.D
 Acq: 31 Aug 2022 23:18

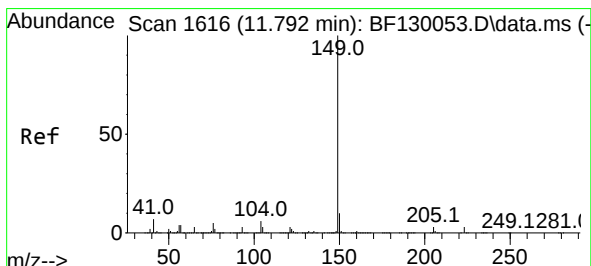
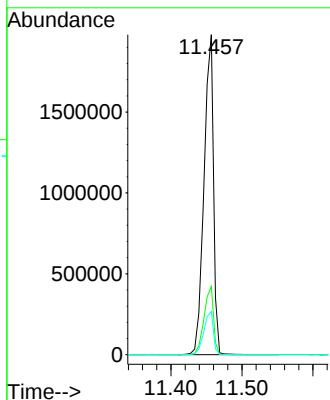
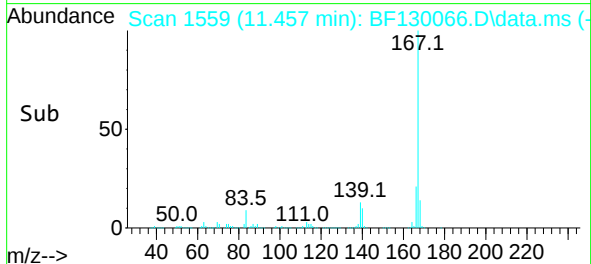
Instrument :
 BNA_F
 ClientSampleId :
 PB147324BS



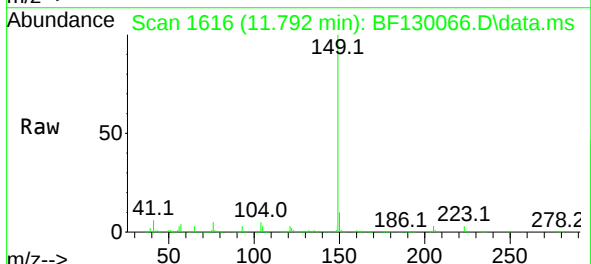
Tgt Ion:167 Resp: 184313
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.1 25.7
 139 13.5 11.0 16.6

Manual Integrations
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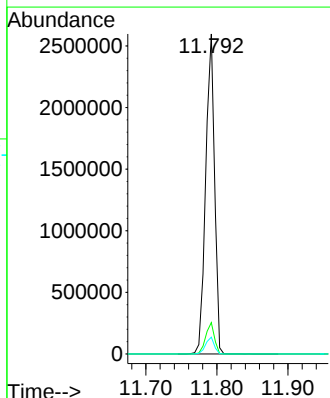
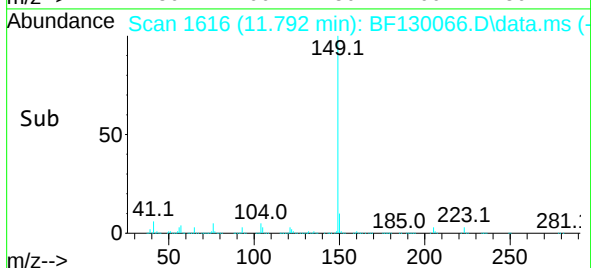
Reviewed By :Christian Giraldo 09/01/2022
 Supervised By :Jagrut Upadhyay 09/01/2022

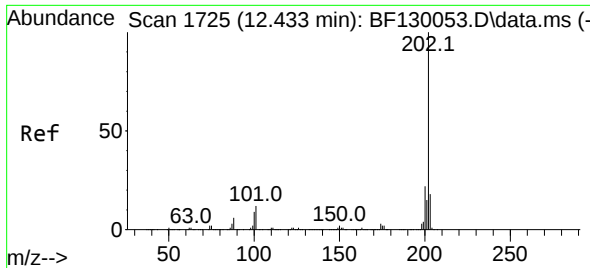


#74
 Di-n-butylphthalate
 Concen: 41.763 ng
 RT: 11.792 min Scan# 1616
 Delta R.T. 0.000 min
 Lab File: BF130066.D
 Acq: 31 Aug 2022 23:18



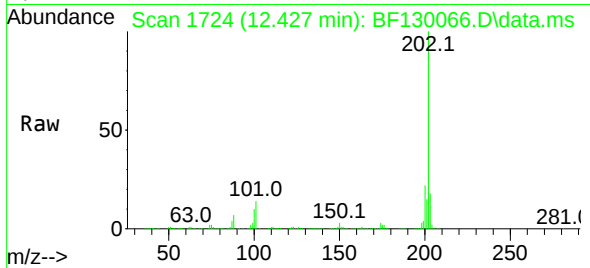
Tgt Ion:149 Resp: 2265981
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.8 11.6
 104 5.3 4.2 6.4





#75
Fluoranthene
Concen: 40.211 ng
RT: 12.427 min Scan# 1725
Delta R.T. -0.006 min
Lab File: BF130066.D
Acq: 31 Aug 2022 23:18

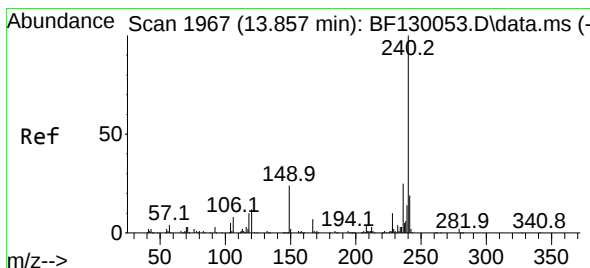
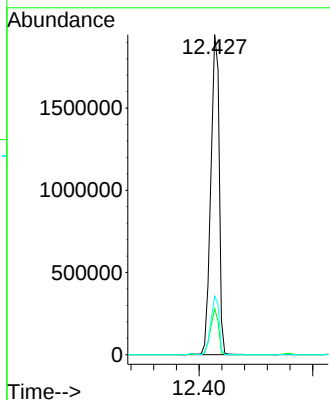
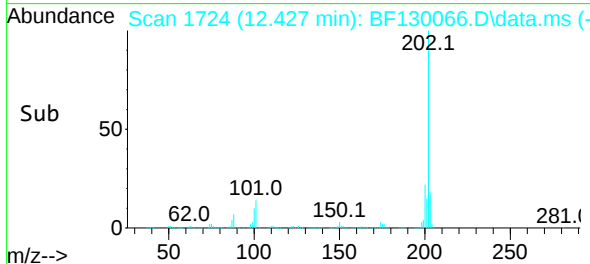
Instrument :
BNA_F
ClientSampleId :
PB147324BS



Tgt Ion:202 Resp: 1979200
Ion Ratio Lower Upper
202 100
101 14.4 0.0 30.7
203 18.3 0.0 37.5

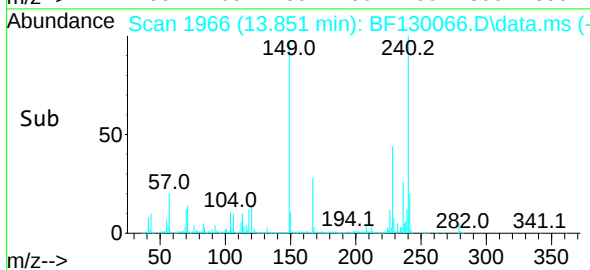
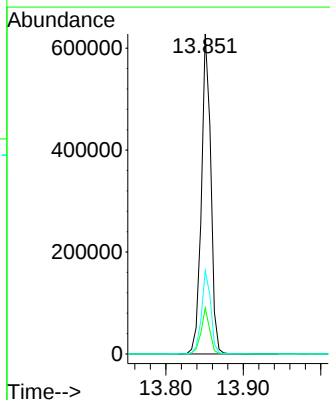
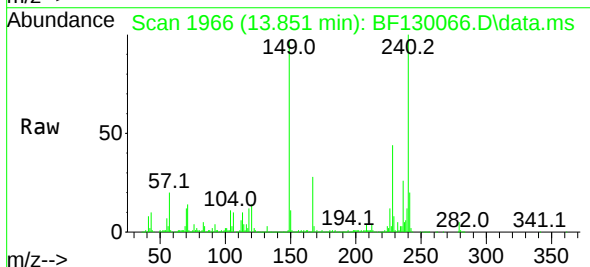
Manual Integrations
APPROVED

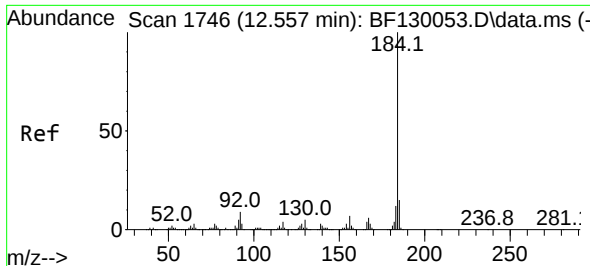
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.851 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BF130066.D
Acq: 31 Aug 2022 23:18

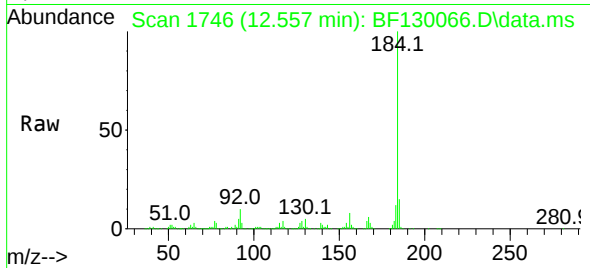
Tgt Ion:240 Resp: 526901
Ion Ratio Lower Upper
240 100
120 14.4 9.2 13.8#
236 26.0 20.7 31.1





#77
Benzidine
Concen: 80.183 ng
RT: 12.557 min Scan# 1746
Delta R.T. 0.000 min
Lab File: BF130066.D
Acq: 31 Aug 2022 23:18

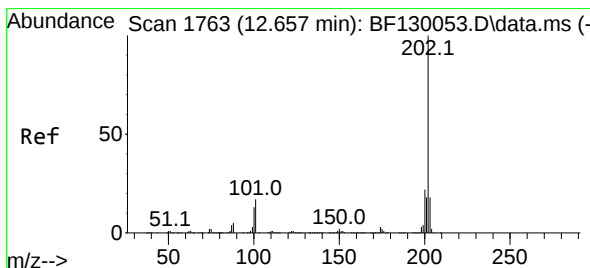
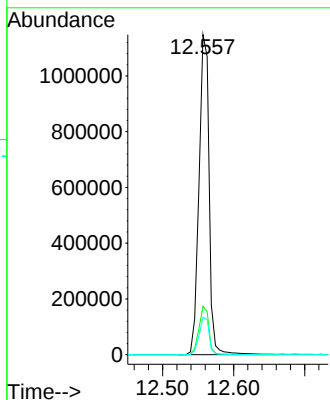
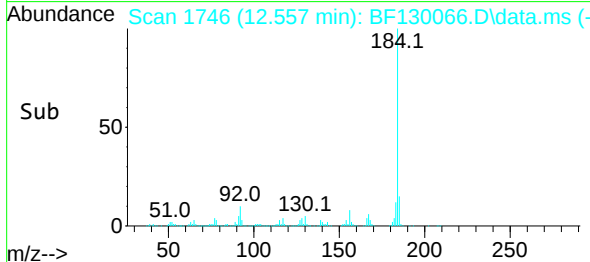
Instrument :
BNA_F
ClientSampleId :
PB147324BS



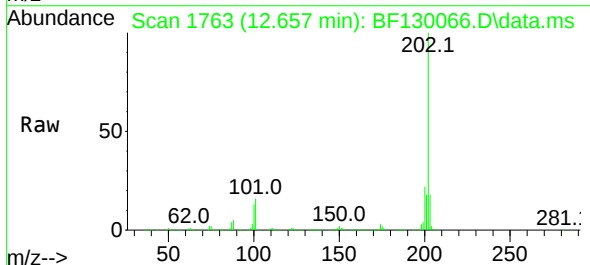
Tgt Ion:184 Resp: 114066
Ion Ratio Lower Upper
184 100
185 15.1 11.4 17.2
183 11.7 9.4 14.2

Manual Integrations
APPROVED

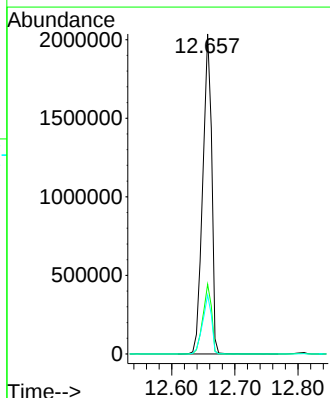
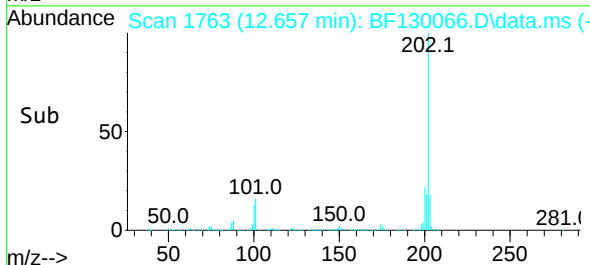
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022

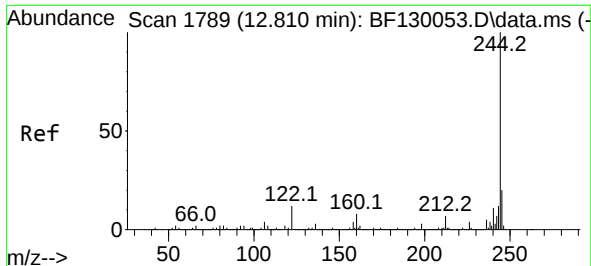


#78
Pyrene
Concen: 42.247 ng
RT: 12.657 min Scan# 1763
Delta R.T. 0.000 min
Lab File: BF130066.D
Acq: 31 Aug 2022 23:18



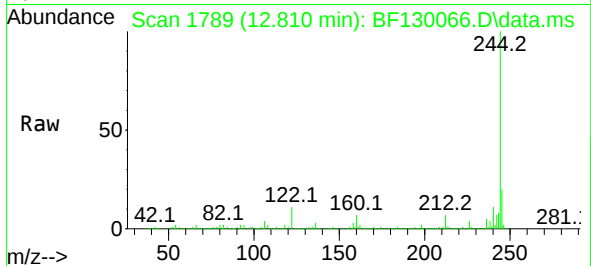
Tgt Ion:202 Resp: 1996614
Ion Ratio Lower Upper
202 100
200 21.8 17.0 25.6
203 18.4 14.1 21.1





#79
 Terphenyl-d14
 Concen: 85.577 ng
 RT: 12.810 min Scan# 1789
 Delta R.T. 0.000 min
 Lab File: BF130066.D
 Acq: 31 Aug 2022 23:18

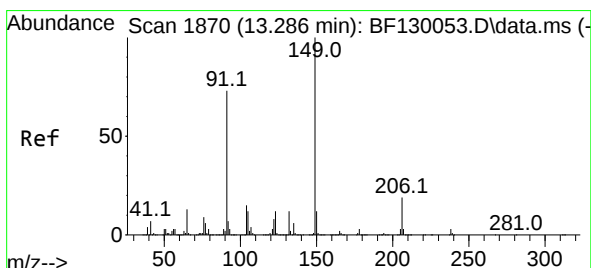
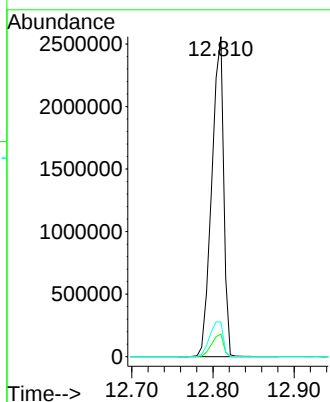
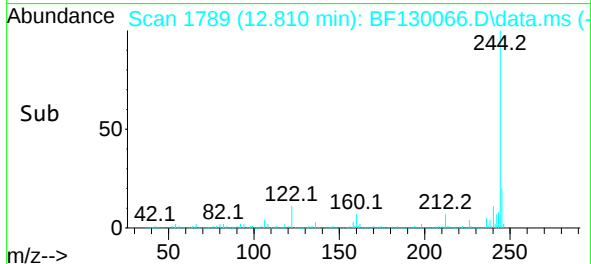
Instrument :
 BNA_F
 ClientSampleId :
 PB147324BS



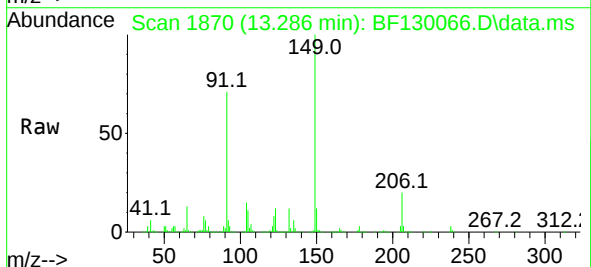
Tgt Ion:244 Resp: 2600200
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 10.8 9.9 14.9

Manual Integrations
 APPROVED

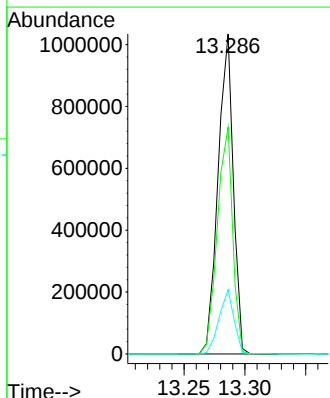
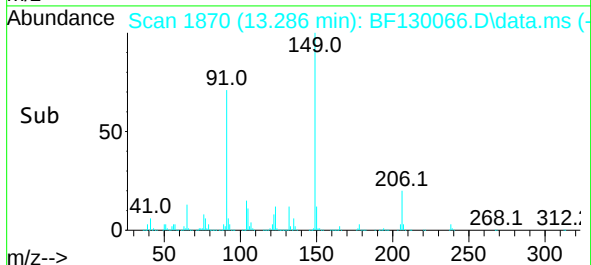
Reviewed By :Christian Giraldo 09/01/2022
 Supervised By :Jagrut Upadhyay 09/01/2022

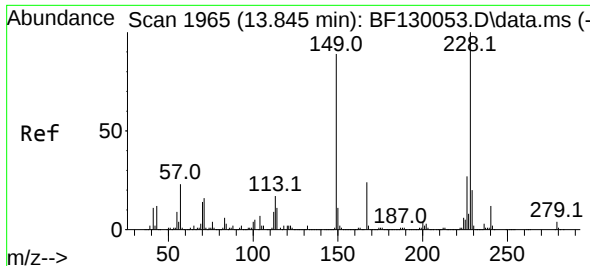


#80
 Butylbenzylphthalate
 Concen: 48.013 ng
 RT: 13.286 min Scan# 1870
 Delta R.T. 0.000 min
 Lab File: BF130066.D
 Acq: 31 Aug 2022 23:18



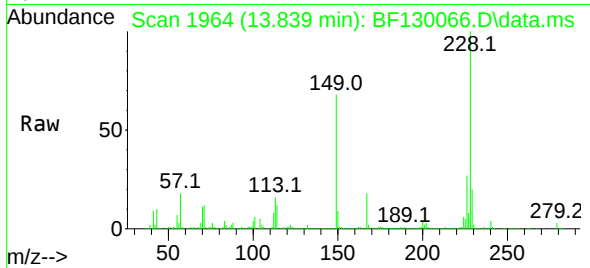
Tgt Ion:149 Resp: 902540
 Ion Ratio Lower Upper
 149 100
 91 70.9 55.4 83.0
 206 20.1 15.8 23.6





#81
Benzo(a)anthracene
Concen: 41.270 ng
RT: 13.839 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BF130066.D
Acq: 31 Aug 2022 23:18

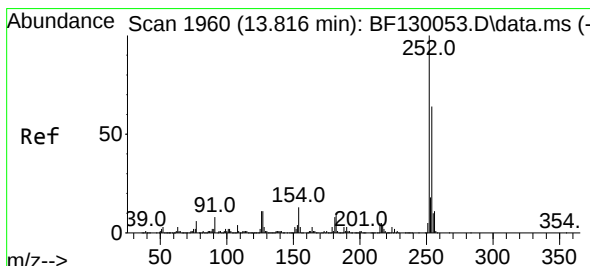
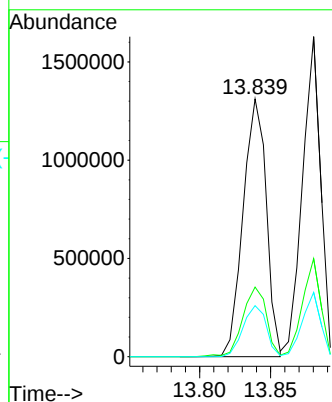
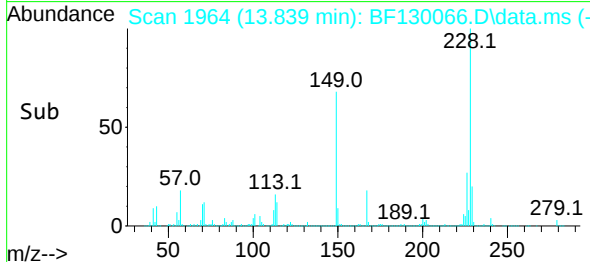
Instrument :
BNA_F
ClientSampleId :
PB147324BS



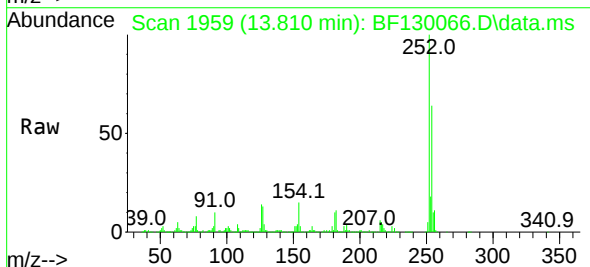
Tgt Ion:228 Resp: 149021
Ion Ratio Lower Upper
228 100
226 27.0 21.4 32.0
229 19.8 16.1 24.1

Manual Integrations
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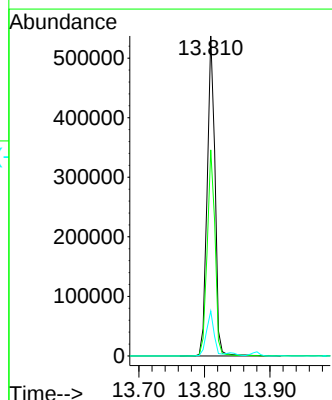
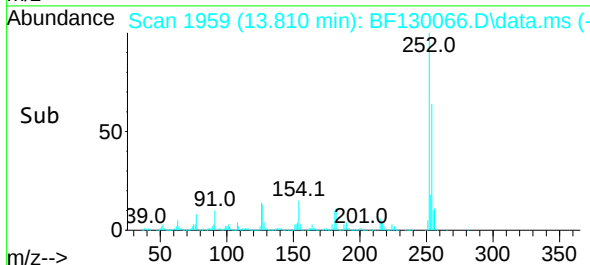
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022

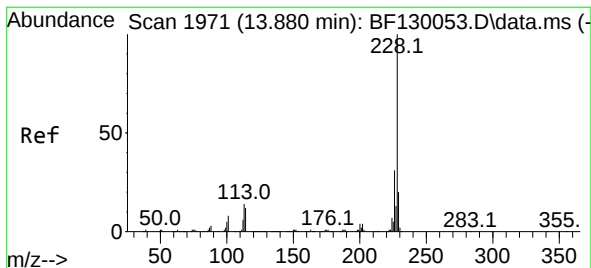


#82
3,3'-Dichlorobenzidine
Concen: 39.717 ng
RT: 13.810 min Scan# 1959
Delta R.T. -0.006 min
Lab File: BF130066.D
Acq: 31 Aug 2022 23:18



Tgt Ion:252 Resp: 447230
Ion Ratio Lower Upper
252 100
254 64.4 51.4 77.2
126 14.0 10.2 15.4





#83

Chrysene

Concen: 40.857 ng

RT: 13.880 min Scan# 1971

Delta R.T. 0.000 min

Lab File: BF130066.D

Acq: 31 Aug 2022 23:18

Instrument :

BNA_F

ClientSampleId :

PB147324BS

Tgt Ion:228 Resp: 145450

Ion Ratio Lower Upper

228 100

226 30.7 24.4 36.6

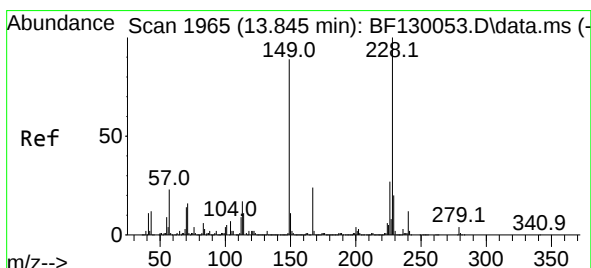
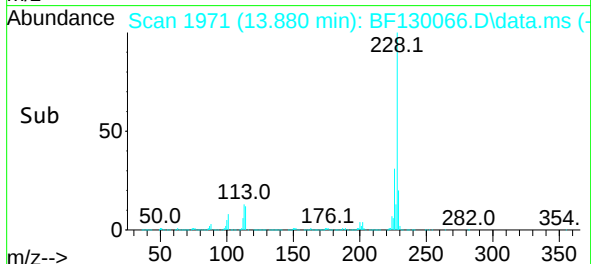
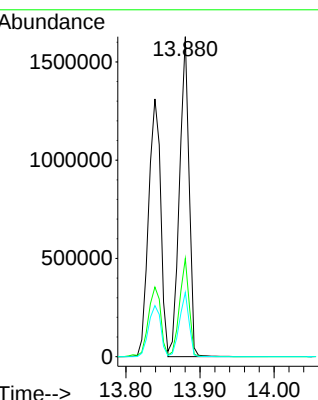
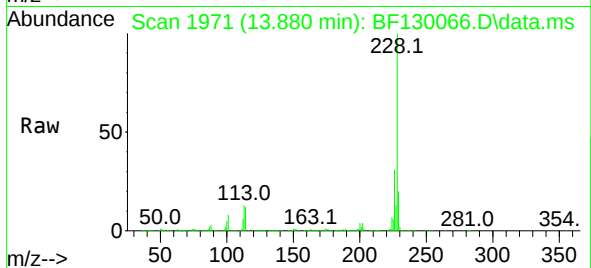
229 20.1 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/01/2022

Supervised By :Jagrut Upadhyay 09/01/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.509 ng

RT: 13.845 min Scan# 1965

Delta R.T. 0.000 min

Lab File: BF130066.D

Acq: 31 Aug 2022 23:18

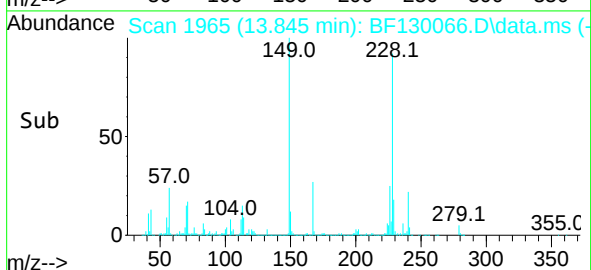
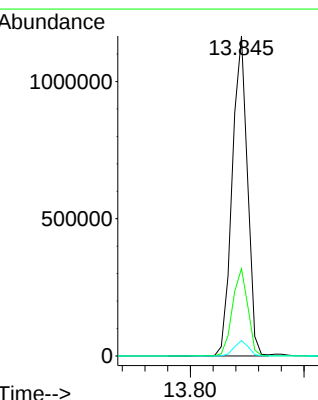
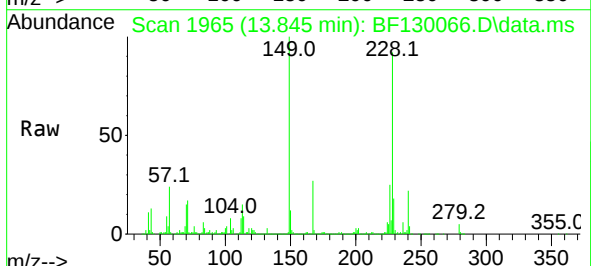
Tgt Ion:149 Resp: 1086725

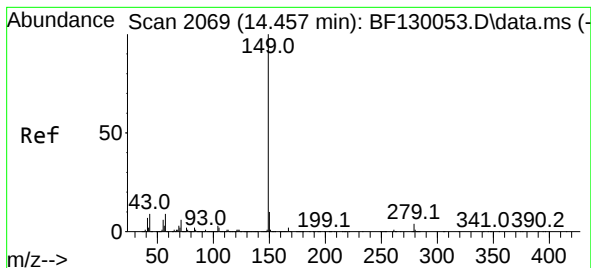
Ion Ratio Lower Upper

149 100

167 27.3 22.0 33.0

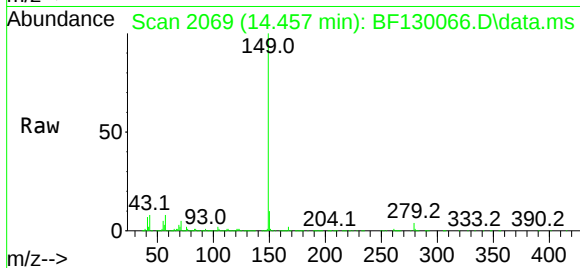
279 4.8 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 49.187 ng
RT: 14.457 min Scan# 2069
Delta R.T. 0.000 min
Lab File: BF130066.D
Acq: 31 Aug 2022 23:18

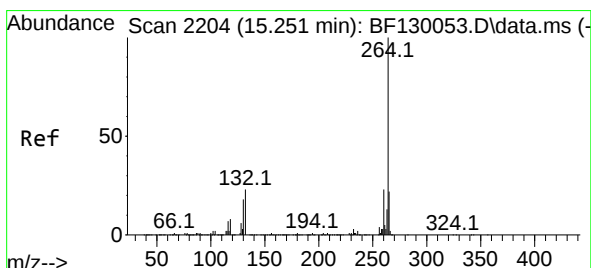
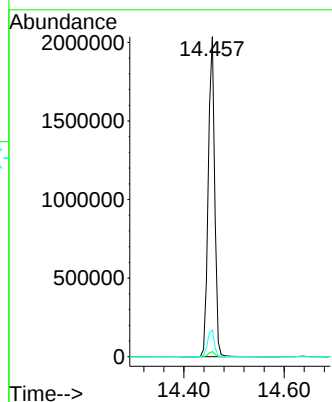
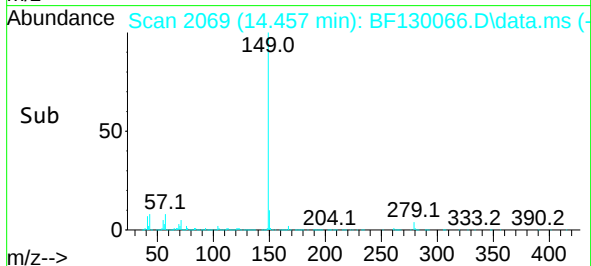
Instrument :
BNA_F
ClientSampleId :
PB147324BS



Tgt Ion:149 Resp: 181544
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.7 7.8 11.6

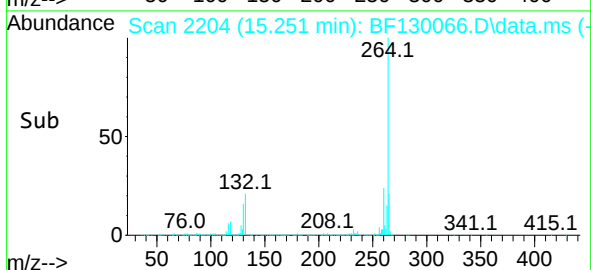
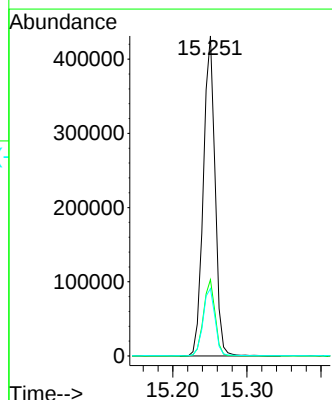
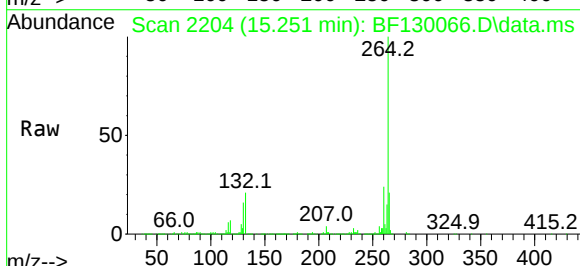
Manual Integrations
APPROVED

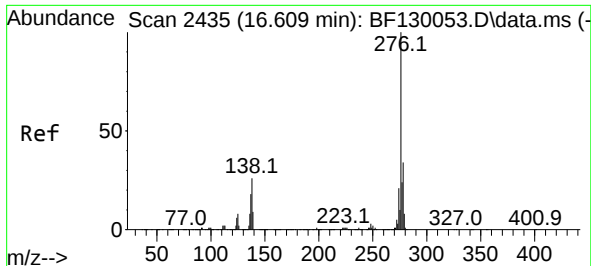
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.251 min Scan# 2204
Delta R.T. 0.000 min
Lab File: BF130066.D
Acq: 31 Aug 2022 23:18

Tgt Ion:264 Resp: 476960
Ion Ratio Lower Upper
264 100
260 23.8 19.1 28.7
265 21.1 16.7 25.1





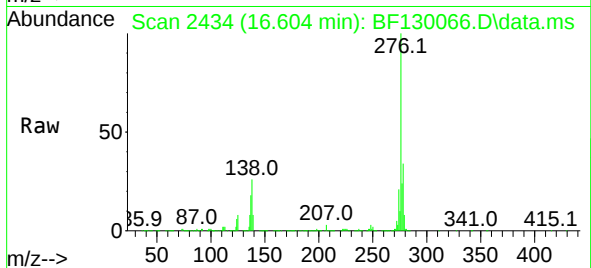
#87
Indeno(1,2,3-cd)pyrene
Concen: 42.137 ng
RT: 16.604 min Scan# 2435
Delta R.T. -0.006 min
Lab File: BF130066.D
Acq: 31 Aug 2022 23:18

Instrument :

BNA_F

ClientSampleId :

PB147324BS

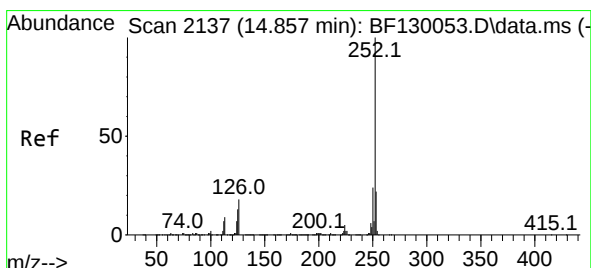
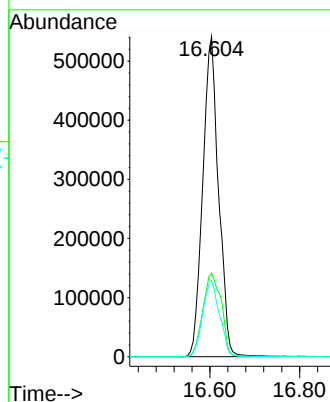
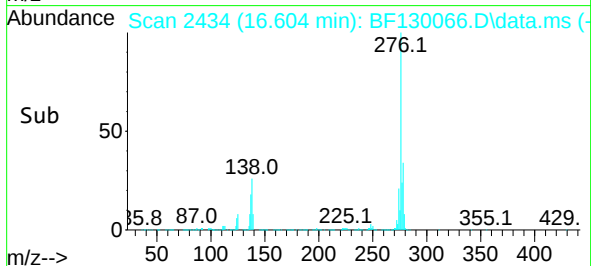


Tgt Ion:276 Resp: 1325749
Ion Ratio Lower Upper
276 100
138 30.4 19.8 29.8
277 25.4 20.4 30.6

Manual Integrations

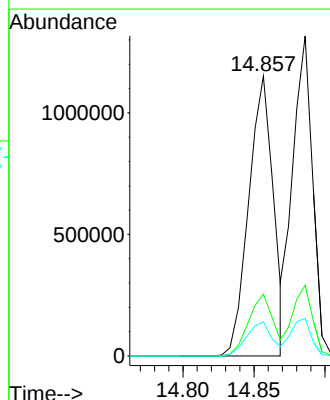
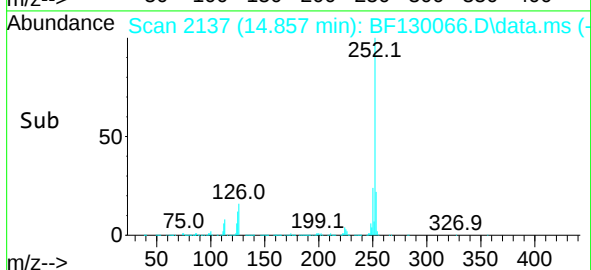
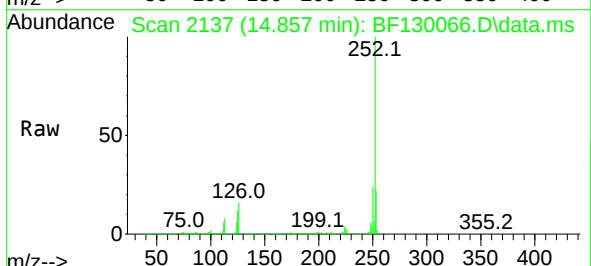
APPROVED

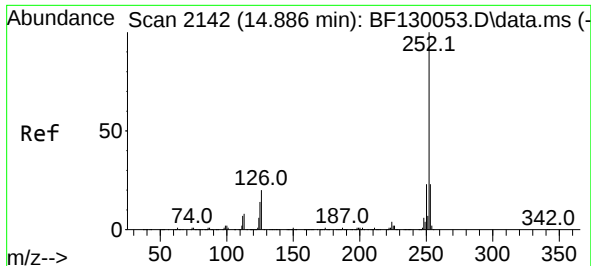
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022



#88
Benzo(b)fluoranthene
Concen: 43.622 ng
RT: 14.857 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BF130066.D
Acq: 31 Aug 2022 23:18

Tgt Ion:252 Resp: 1387473
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 12.2 8.3 12.5





#89

Benzo(k)fluoranthene

Concen: 42.002 ng

RT: 14.886 min Scan# 2142

Delta R.T. 0.000 min

Lab File: BF130066.D

Acq: 31 Aug 2022 23:18

Instrument :

BNA_F

ClientSampleId :

PB147324BS

Tgt Ion:252 Resp: 129205

Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

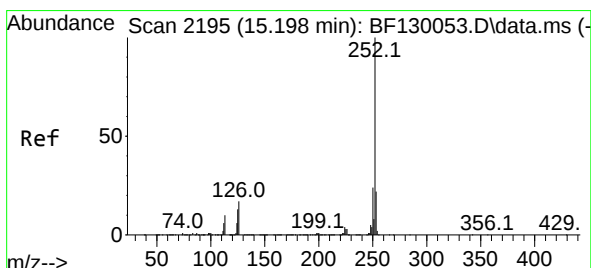
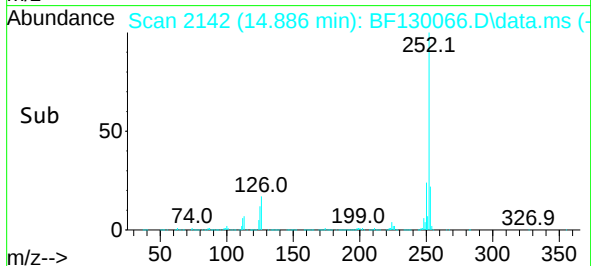
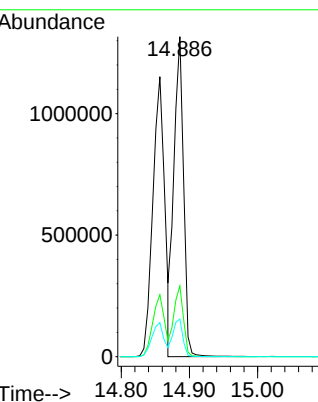
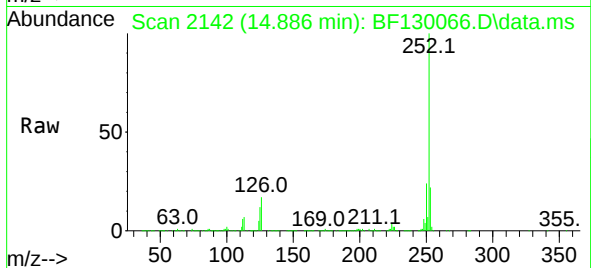
125 11.8 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/01/2022

Supervised By :Jagrut Upadhyay 09/01/2022



#90

Benzo(a)pyrene

Concen: 45.743 ng

RT: 15.198 min Scan# 2195

Delta R.T. 0.000 min

Lab File: BF130066.D

Acq: 31 Aug 2022 23:18

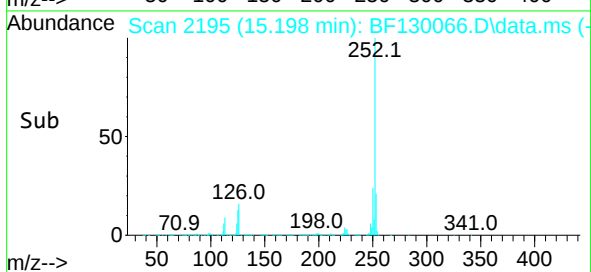
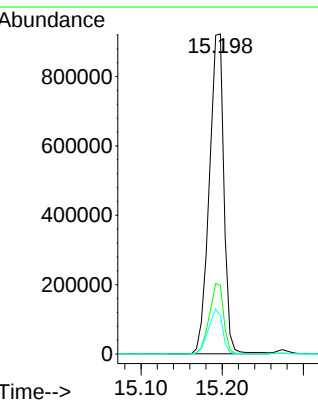
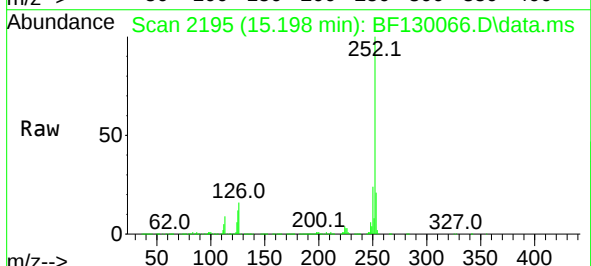
Tgt Ion:252 Resp: 1156102

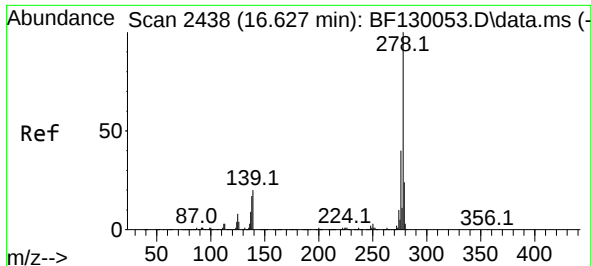
Ion Ratio Lower Upper

252 100

253 21.5 17.2 25.8

125 12.0 8.8 13.2





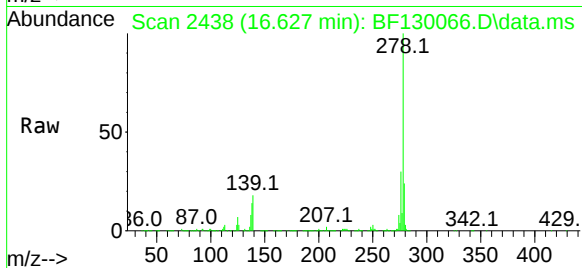
#91
Dibenzo(a,h)anthracene
Concen: 44.506 ng
RT: 16.627 min Scan# 2438
Delta R.T. -0.000 min
Lab File: BF130066.D
Acq: 31 Aug 2022 23:18

Instrument :

BNA_F

ClientSampleId :

PB147324BS

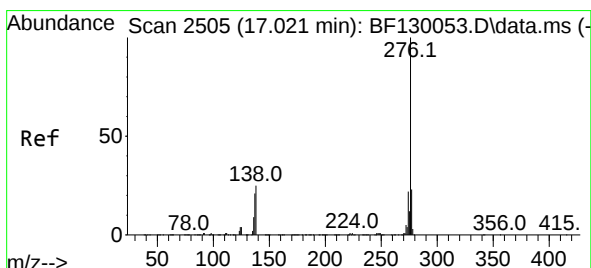
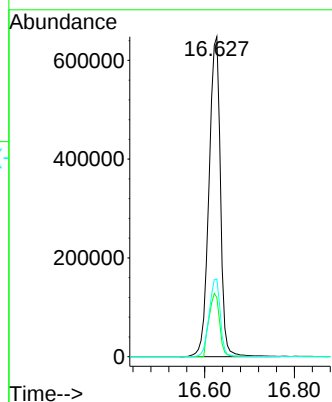
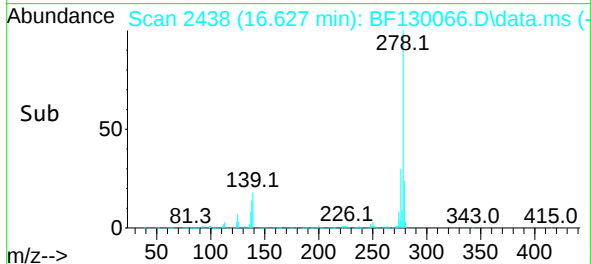


Tgt Ion:278 Resp: 1145789
Ion Ratio Lower Upper
278 100
139 18.5 12.2 18.4
279 24.2 18.7 28.1

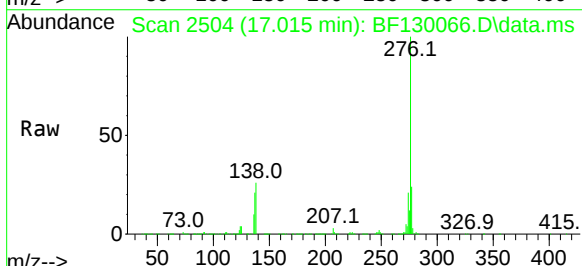
Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022



#92
Benzo(g,h,i)perylene
Concen: 43.718 ng
RT: 17.015 min Scan# 2504
Delta R.T. -0.006 min
Lab File: BF130066.D
Acq: 31 Aug 2022 23:18



Tgt Ion:276 Resp: 1126066
Ion Ratio Lower Upper
276 100
277 24.0 18.2 27.4
138 25.7 15.8 23.8

