

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070622\
 Data File : BF129139.D
 Acq On : 06 Jul 2022 13:06
 Operator : CG\JU
 Sample : PB146013BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146013BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/07/2022
 Supervised By : Jagrut Upadhyay 07/07/2022

Quant Time: Jul 06 13:44:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 29 17:05:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	429880	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	1665458	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	854249	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	1514635	20.000	ng	# 0.00
76) Chrysene-d12	14.151	240	954341	20.000	ng	0.00
86) Perylene-d12	15.674	264	822827	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	2613996	102.803	ng	0.01
7) Phenol-d6	6.593	99	3276258	103.746	ng	0.00
23) Nitrobenzene-d5	7.528	82	2121598	75.983	ng	0.00
42) 2,4,6-Tribromophenol	10.804	330	1089105	117.251	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	3669041	68.712	ng	0.00
79) Terphenyl-d14	13.086	244	3977124	86.542	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.899	88	311333	27.463	ng	# 85
3) Pyridine	3.681	79	779536	28.158	ng	84
4) n-Nitrosodimethylamine	3.622	42	453935	36.190	ng	# 73
6) Aniline	6.628	93	1344961	38.081	ng	96
8) 2-Chlorophenol	6.745	128	1123944	42.072	ng	96
9) Benzaldehyde	6.510	77	179702	8.838	ng	99
10) Phenol	6.604	94	1265897m	39.564	ng	
11) bis(2-Chloroethyl)ether	6.693	93	1039142	41.033	ng	92
12) 1,3-Dichlorobenzene	6.904	146	1147204	39.010	ng	96
13) 1,4-Dichlorobenzene	6.975	146	1165207	39.283	ng	99
14) 1,2-Dichlorobenzene	7.128	146	1128144	40.459	ng	99
15) Benzyl Alcohol	7.104	79	920670	41.446	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.228	45	1395520	38.582	ng	89
17) 2-Methylphenol	7.210	107	893271	41.092	ng	97
18) Hexachloroethane	7.475	117	425081	40.820	ng	97
19) n-Nitroso-di-n-propyla...	7.375	70	727524	39.825	ng	# 87
20) 3+4-Methylphenols	7.363	107	1070261	38.716	ng	98
22) Acetophenone	7.375	105	1443929	37.794	ng	# 91
24) Nitrobenzene	7.545	77	1124507	41.623	ng	95
25) Isophorone	7.787	82	2084685	44.177	ng	97
26) 2-Nitrophenol	7.857	139	606855	48.332	ng	90
27) 2,4-Dimethylphenol	7.892	122	1036971	45.745	ng	98
28) bis(2-Chloroethoxy)met...	7.987	93	1262721	38.963	ng	99
29) 2,4-Dichlorophenol	8.098	162	918626	39.731	ng	99
30) 1,2,4-Trichlorobenzene	8.181	180	976469	38.378	ng	96
31) Naphthalene	8.269	128	2979319	39.405	ng	98
32) Benzoic acid	8.022	122	730157	40.147	ng	97
33) 4-Chloroaniline	8.310	127	924455	30.344	ng	98
34) Hexachlorobutadiene	8.381	225	594472	39.130	ng	99
35) Caprolactam	8.698	113	304546m	41.538	ng	
36) 4-Chloro-3-methylphenol	8.792	107	960942	40.906	ng	95
37) 2-Methylnaphthalene	8.957	142	1987541	39.067	ng	100
38) 1-Methylnaphthalene	9.057	142	1902432	38.506	ng	99
40) 1,2,4,5-Tetrachloroben...	9.122	216	950961	39.604	ng	99
41) Hexachlorocyclopentadiene	9.110	237	1132857	89.380	ng	99
43) 2,4,6-Trichlorophenol	9.234	196	654366	40.010	ng	95

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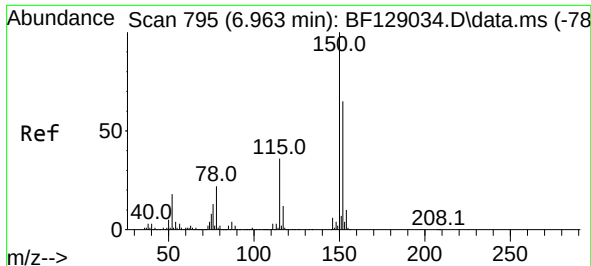
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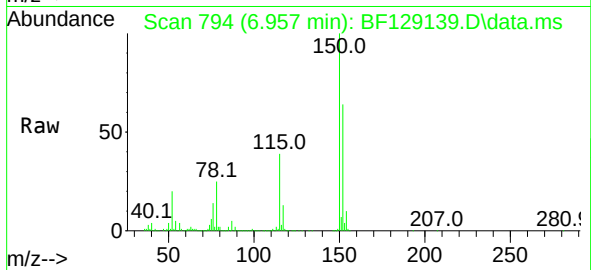
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.281	196	702084	40.357	ng	97
46) 1,1'-Biphenyl	9.422	154	2398760	39.059	ng	97
47) 2-Chloronaphthalene	9.451	162	1849292	38.993	ng	100
48) 2-Nitroaniline	9.545	65	568719	45.529	ng	85
49) Acenaphthylene	9.869	152	2981851	41.378	ng	97
50) Dimethylphthalate	9.728	163	2156070	40.344	ng	100
51) 2,6-Dinitrotoluene	9.786	165	505279	46.269	ng	98
52) Acenaphthene	10.039	154	2054279m	43.763	ng	
53) 3-Nitroaniline	9.957	138	459068	35.251	ng	# 92
54) 2,4-Dinitrophenol	10.069	184	577860	96.317	ng	# 78
55) Dibenzofuran	10.216	168	2564973	37.526	ng	98
56) 4-Nitrophenol	10.122	139	892289	83.858	ng	90
57) 2,4-Dinitrotoluene	10.192	165	667074	49.480	ng	94
58) Fluorene	10.557	166	2031740	38.428	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.328	232	575538	39.933	ng	100
60) Diethylphthalate	10.422	149	2116531	39.524	ng	98
61) 4-Chlorophenyl-phenyle...	10.545	204	1018847	38.677	ng	98
62) 4-Nitroaniline	10.581	138	543575	42.093	ng	88
63) Azobenzene	10.704	77	1983366	37.803	ng	95
65) 4,6-Dinitro-2-methylph...	10.604	198	342291	51.081	ng	85
66) n-Nitrosodiphenylamine	10.669	169	1812289	39.397	ng	96
67) 4-Bromophenyl-phenylether	11.039	248	652072	40.472	ng	94
68) Hexachlorobenzene	11.104	284	735674	41.006	ng	98
69) Atrazine	11.192	200	579032	44.733	ng	98
70) Pentachlorophenol	11.298	266	892996	83.568	ng	98
71) Phenanthrene	11.528	178	2791753	38.577	ng	98
72) Anthracene	11.575	178	2809136	39.371	ng	97
73) Carbazole	11.727	167	2693043	37.667	ng	99
74) Di-n-butylphthalate	12.051	149	3095865	41.068	ng	98
75) Fluoranthene	12.716	202	2954157	39.033	ng	96
77) Benzidine	12.833	184	905252	53.271	ng	100
78) Pyrene	12.951	202	2939736	44.440	ng	99
80) Butylbenzylphthalate	13.557	149	1207667	44.813	ng	91
81) Benzo(a)anthracene	14.139	228	2406853	41.305	ng	97
82) 3,3'-Dichlorobenzidine	14.098	252	746493	59.289	ng	96
83) Chrysene	14.180	228	2187491	40.437	ng	98
84) Bis(2-ethylhexyl)phtha...	14.110	149	1536293	42.895	ng	97
85) Di-n-octyl phthalate	14.733	149	2310841	43.708	ng	# 94
87) Indeno(1,2,3-cd)pyrene	17.245	276	2306299	45.700	ng	99
88) Benzo(b)fluoranthene	15.221	252	2175893	43.971	ng	98
89) Benzo(k)fluoranthene	15.257	252	2133552	44.453	ng	99
90) Benzo(a)pyrene	15.610	252	2054568	50.931	ng	98
91) Dibenzo(a,h)anthracene	17.262	278	1985400	48.260	ng	96
92) Benzo(g,h,i)perylene	17.727	276	2039598	49.416	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF129139.D
Acq: 06 Jul 2022 13:06

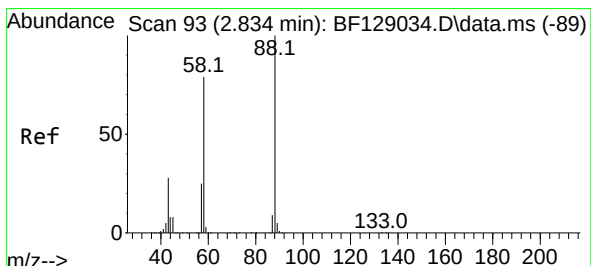
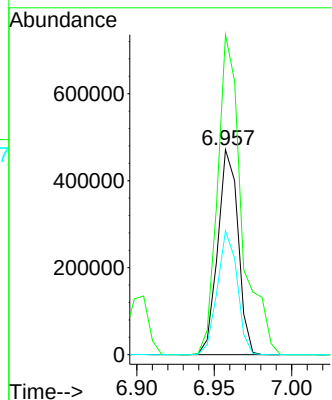
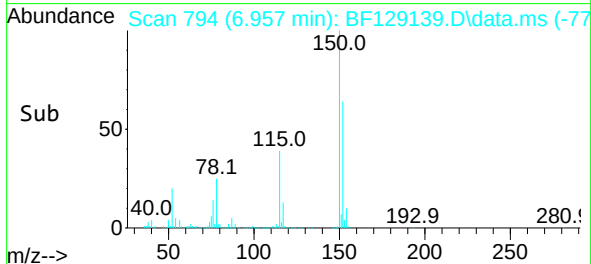
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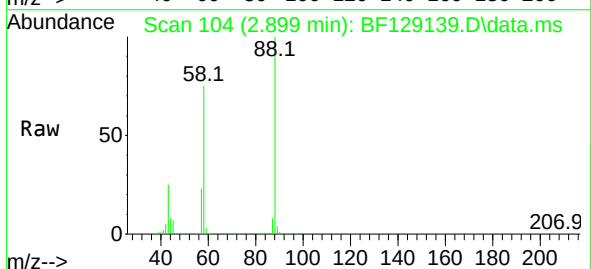
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Ion Ratio Lower Upper
152 100
150 155.9 123.7 185.5
115 60.4 49.9 74.9

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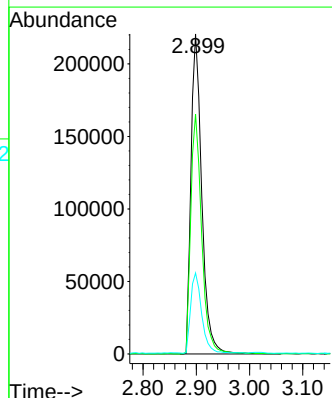
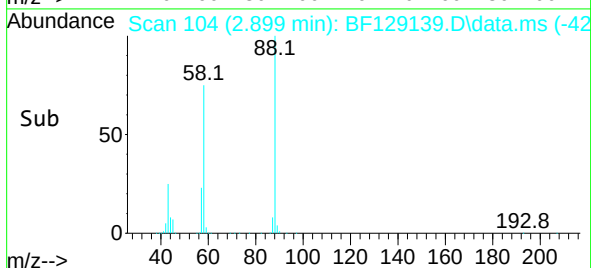
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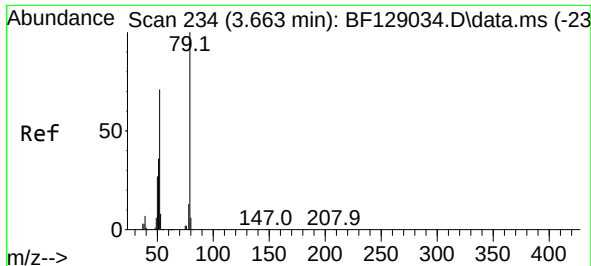


#2
1,4-Dioxane
Concen: 27.463 ng
RT: 2.899 min Scan# 104
Delta R.T. 0.065 min
Lab File: BF129139.D
Acq: 06 Jul 2022 13:06



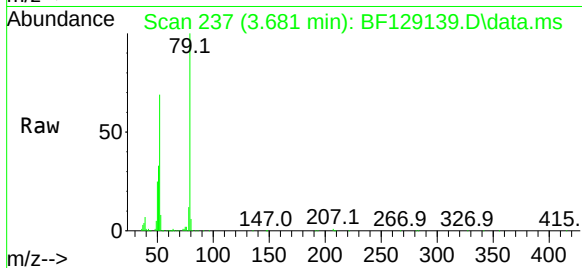
Tgt Ion: 88 Resp: 311333
Ion Ratio Lower Upper
88 100
58 75.6 71.8 107.8
43 25.6 26.6 39.8





#3
Pyridine
Concen: 28.158 ng
RT: 3.681 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF129139.D
Acq: 06 Jul 2022 13:06

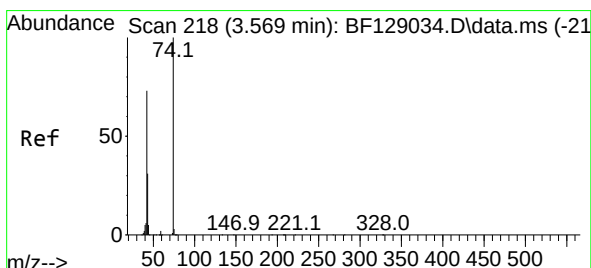
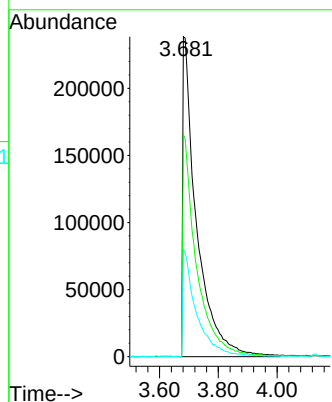
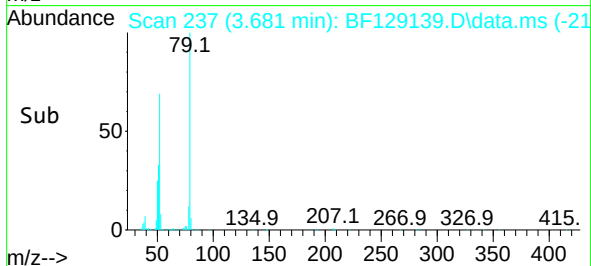
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BNA_F
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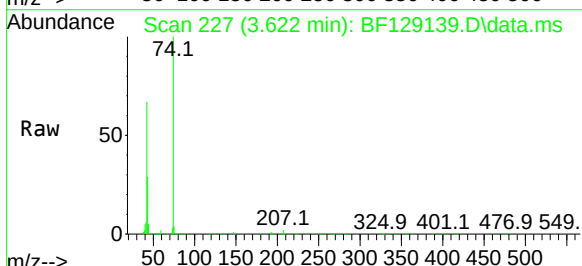
Tgt Ion: 79 Resp: 779536
Ion Ratio Lower Upper
79 100
52 69.4 68.6 102.8
51 33.5 32.9 49.3

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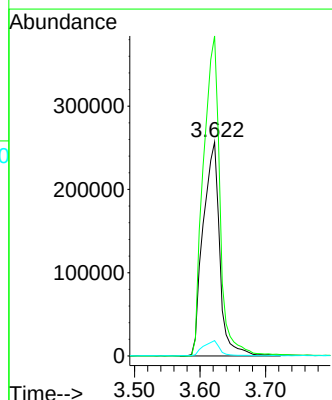
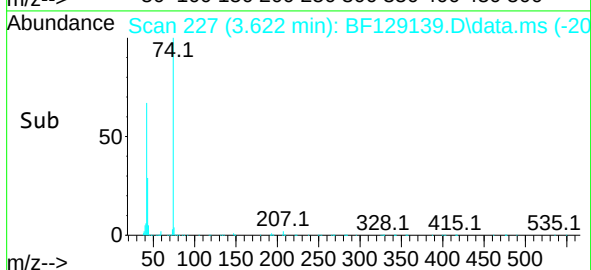
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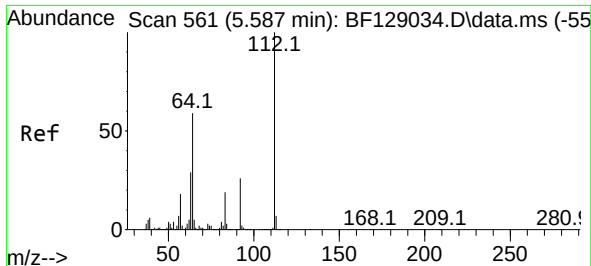


#4
n-Nitrosodimethylamine
Concen: 36.190 ng
RT: 3.622 min Scan# 227
Delta R.T. 0.053 min
Lab File: BF129139.D
Acq: 06 Jul 2022 13:06



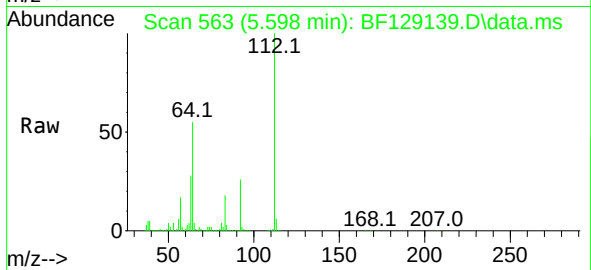
Tgt Ion: 42 Resp: 453935
Ion Ratio Lower Upper
42 100
74 149.6 94.8 142.2#
44 7.2 6.6 10.0





#5
2-Fluorophenol
Concen: 102.803 ng
RT: 5.598 min Scan# 501
Delta R.T. 0.012 min
Lab File: BF129139.D
Acq: 06 Jul 2022 13:06

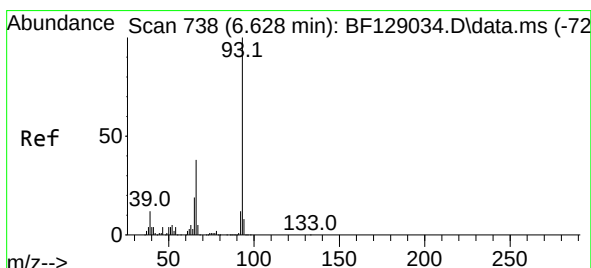
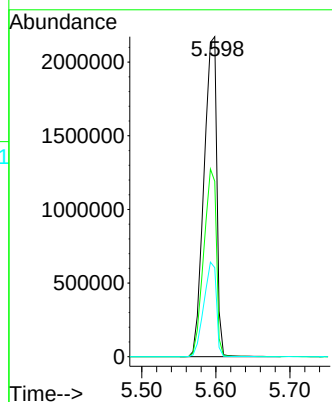
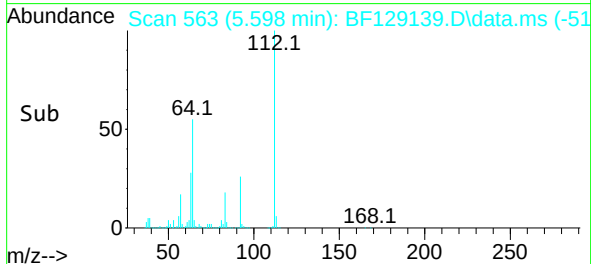
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Tgt Ion:112 Resp: 2613990
Ion Ratio Lower Upper
112 100
64 54.8 53.3 79.9
63 27.8 28.0 42.0

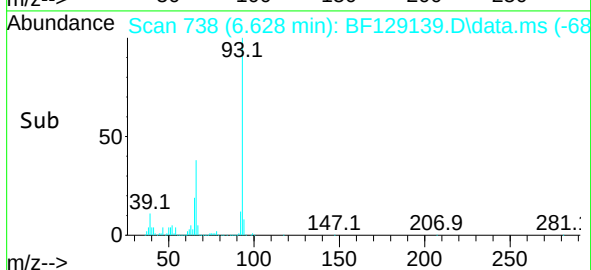
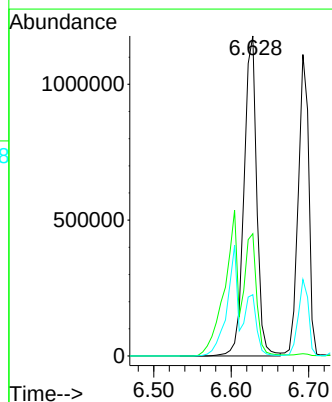
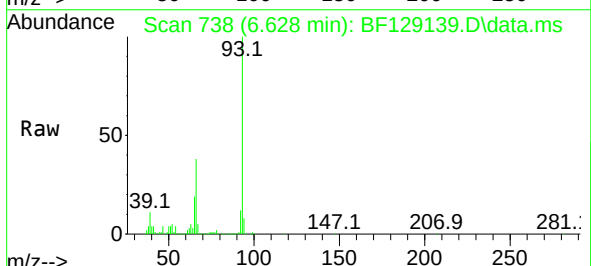
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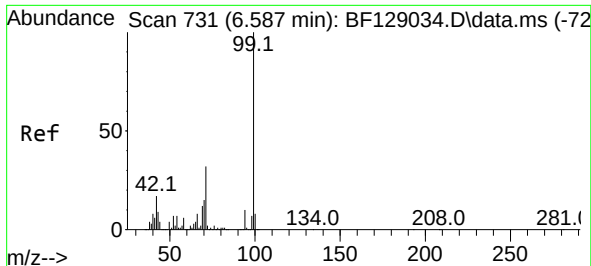
Reviewed By :Christian Giraldo 07/07/2022
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#6
Aniline
Concen: 38.081 ng
RT: 6.628 min Scan# 738
Delta R.T. -0.000 min
Lab File: BF129139.D
Acq: 06 Jul 2022 13:06

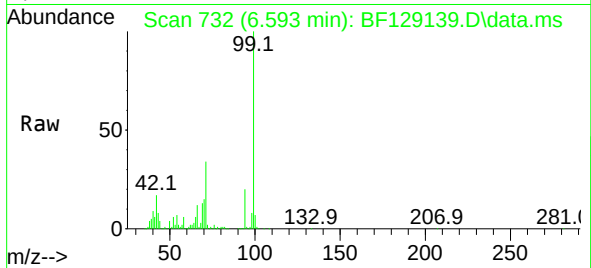
Tgt Ion: 93 Resp: 1344961
Ion Ratio Lower Upper
93 100
66 38.2 32.5 48.7
65 19.1 16.4 24.6





#7
Phenol-d6
Concen: 103.746 ng
RT: 6.593 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF129139.D
Acq: 06 Jul 2022 13:06

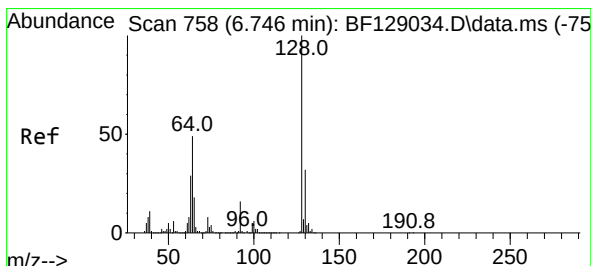
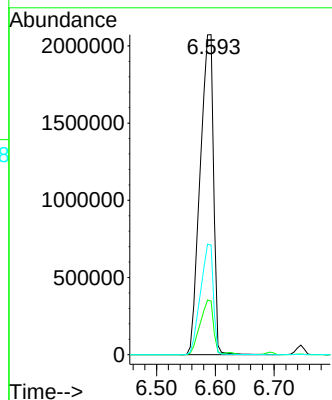
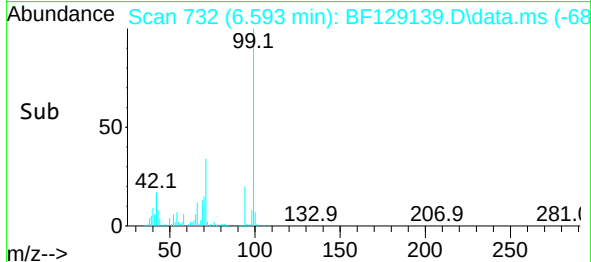
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Tgt Ion: 99 Resp: 3276258
Ion Ratio Lower Upper
99 100
42 16.8 17.3 25.9
71 34.3 28.9 43.3

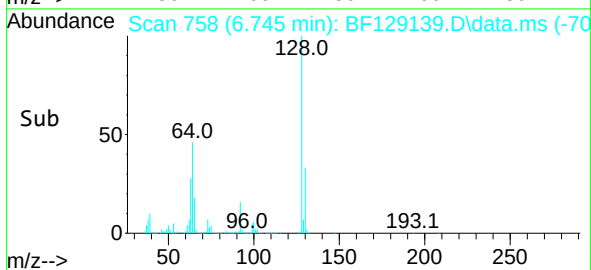
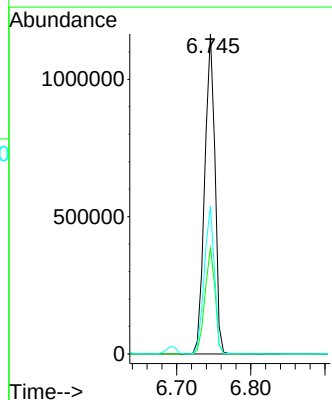
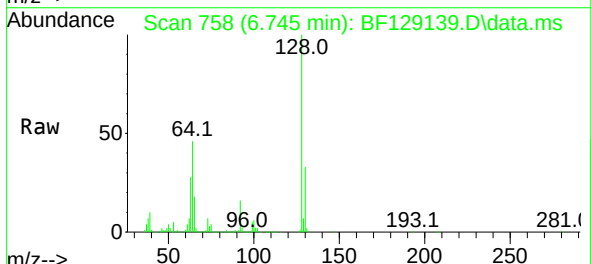
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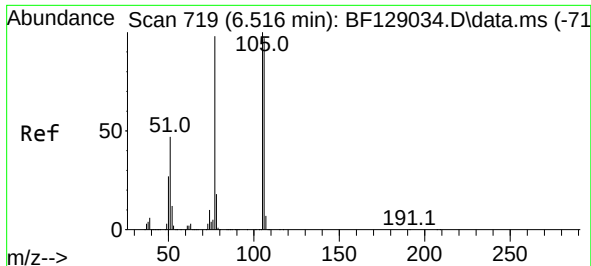
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#8
2-Chlorophenol
Concen: 42.072 ng
RT: 6.745 min Scan# 758
Delta R.T. -0.000 min
Lab File: BF129139.D
Acq: 06 Jul 2022 13:06

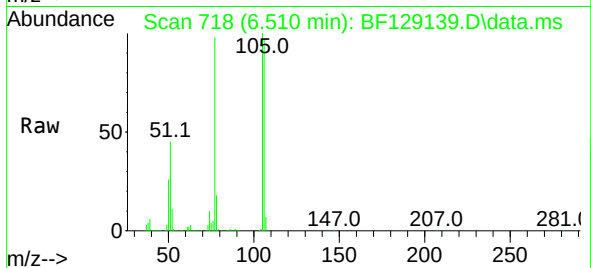
Tgt Ion:128 Resp: 1123944
Ion Ratio Lower Upper
128 100
130 33.0 13.1 53.1
64 46.2 30.9 70.9





#9
Benzaldehyde
Concen: 8.838 ng
RT: 6.510 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF129139.D
Acq: 06 Jul 2022 13:06

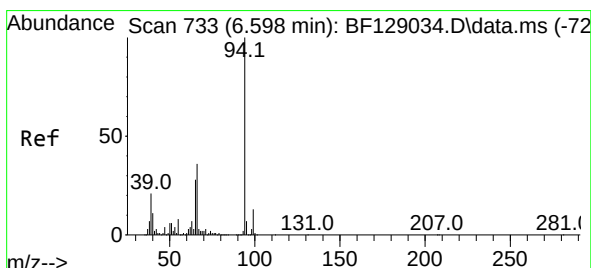
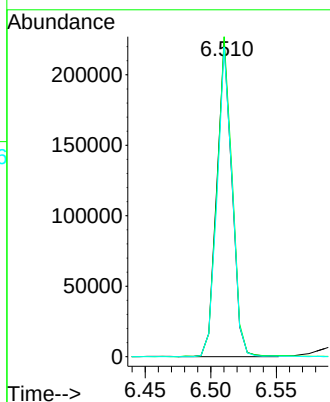
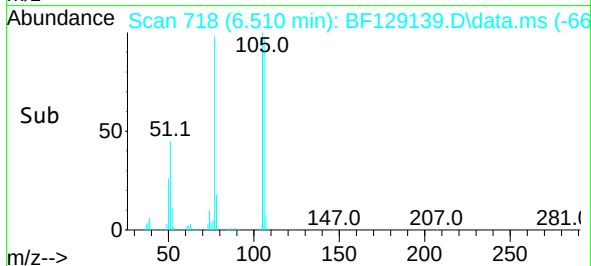
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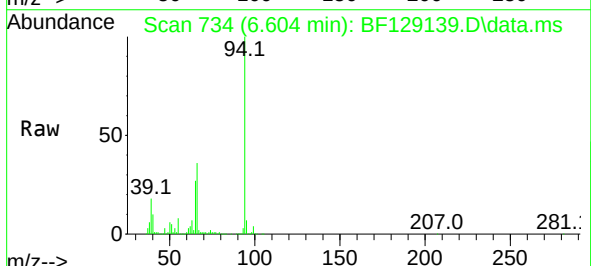
Tgt Ion: 77 Resp: 179702
Ion Ratio Lower Upper
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105 101.8 81.6 121.6
106 98.5 76.1 116.1

Manual Integrations
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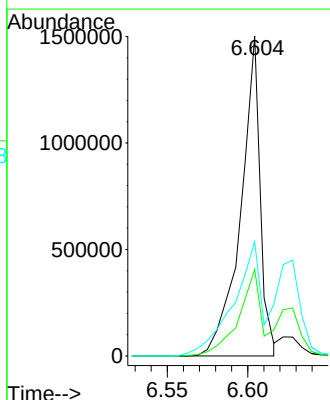
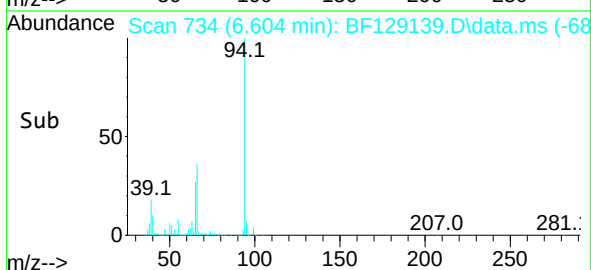
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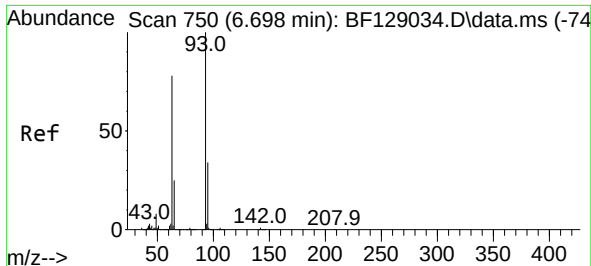


#10
Phenol
Concen: 39.564 ng m
RT: 6.604 min Scan# 734
Delta R.T. 0.006 min
Lab File: BF129139.D
Acq: 06 Jul 2022 13:06



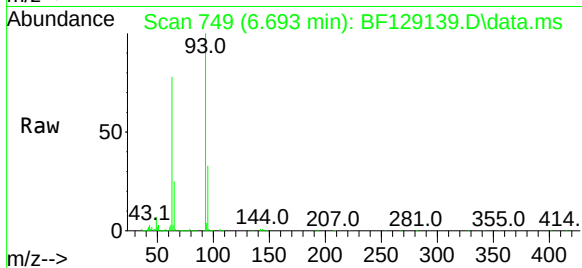
Tgt Ion: 94 Resp: 1265897
Ion Ratio Lower Upper
94 100
65 27.1 11.4 51.4
66 35.7 21.4 61.4





#11
bis(2-Chloroethyl)ether
Concen: 41.033 ng
RT: 6.693 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF129139.D
Acq: 06 Jul 2022 13:06

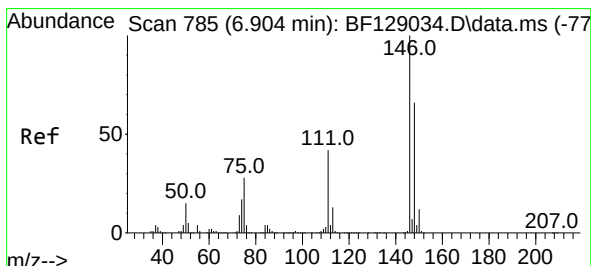
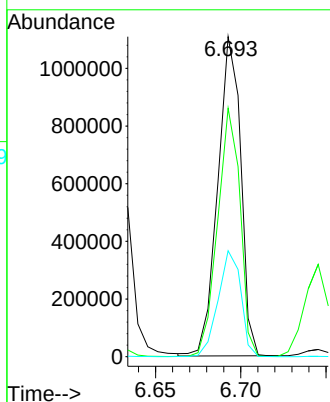
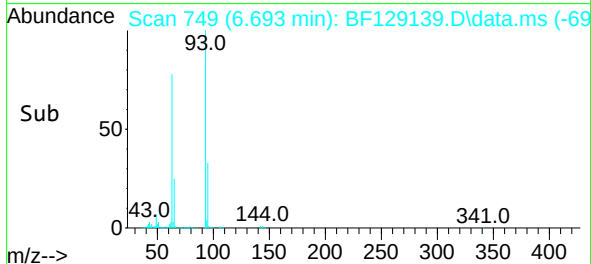
Instrument :
BNA_F
ClientSampleId :
PB146013BS



Tgt Ion: 93 Resp: 103914
Ion Ratio Lower Upper
93 100
63 77.7 67.4 107.4
95 33.1 12.7 52.7

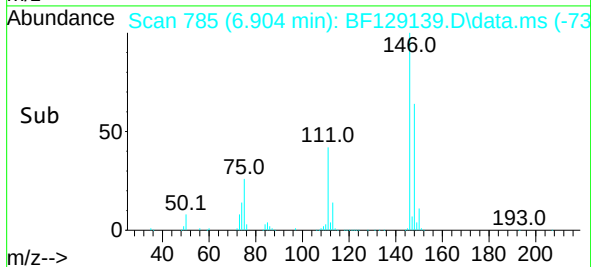
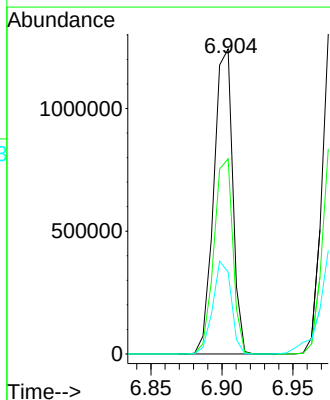
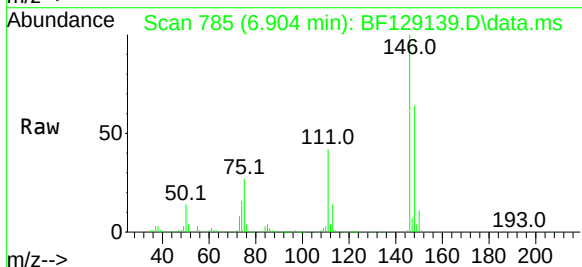
Manual Integrations
APPROVED

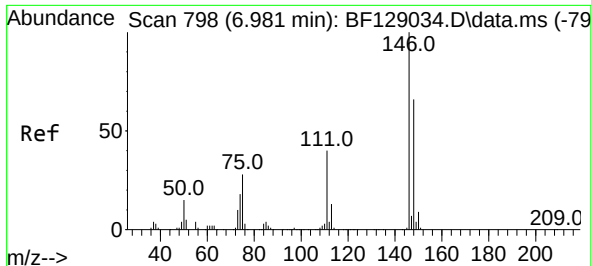
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022



#12
1,3-Dichlorobenzene
Concen: 39.010 ng
RT: 6.904 min Scan# 785
Delta R.T. -0.000 min
Lab File: BF129139.D
Acq: 06 Jul 2022 13:06

Tgt Ion:146 Resp: 1147204
Ion Ratio Lower Upper
146 100
148 64.0 50.6 75.8
75 26.8 26.3 39.5





#13

1,4-Dichlorobenzene

Concen: 39.283 ng

RT: 6.975 min Scan# 79

Delta R.T. -0.006 min

Lab File: BF129139.D

Acq: 06 Jul 2022 13:06

Instrument :

BNA_F

ClientSampleId :

PB146013BS

Tgt Ion:146 Resp: 116520

Ion Ratio Lower Upper

146 100

148 64.0 51.1 76.7

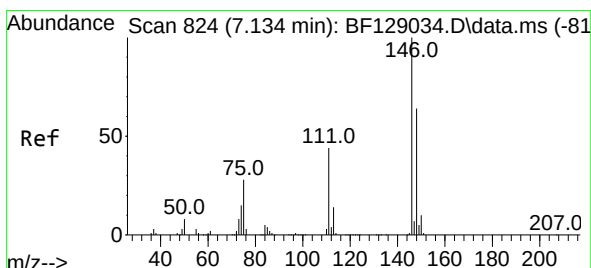
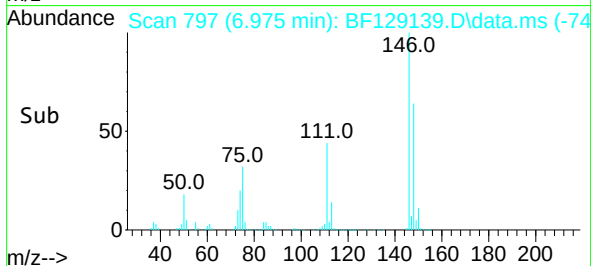
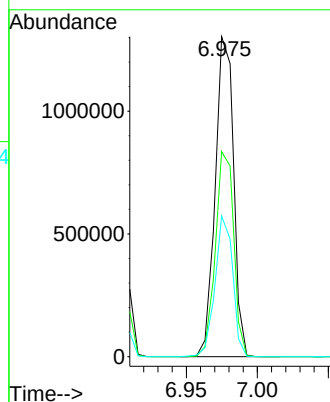
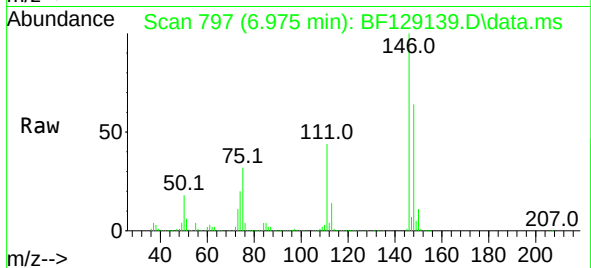
111 43.9 34.2 51.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/07/2022

Supervised By :Jagrut Upadhyay 07/07/2022



#14

1,2-Dichlorobenzene

Concen: 40.459 ng

RT: 7.128 min Scan# 823

Delta R.T. -0.006 min

Lab File: BF129139.D

Acq: 06 Jul 2022 13:06

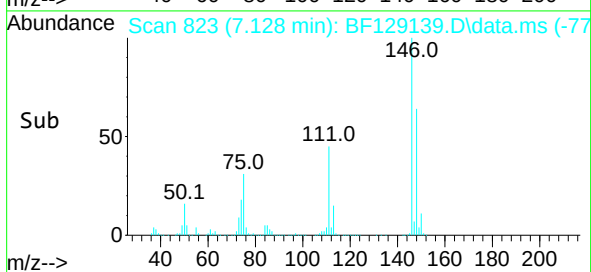
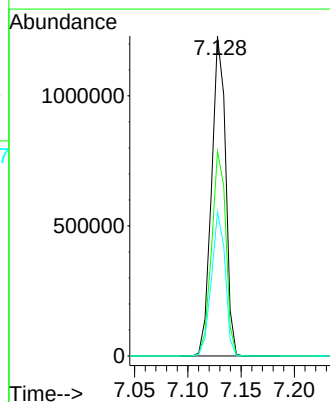
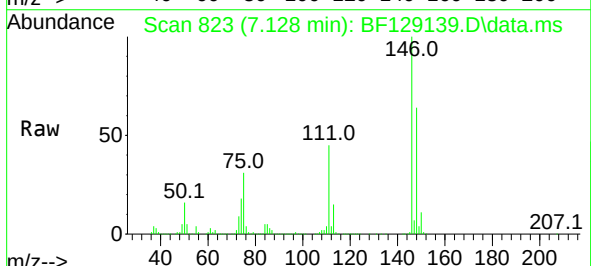
Tgt Ion:146 Resp: 1128144

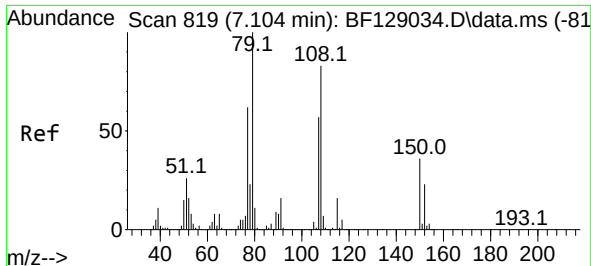
Ion Ratio Lower Upper

146 100

148 64.0 51.8 77.8

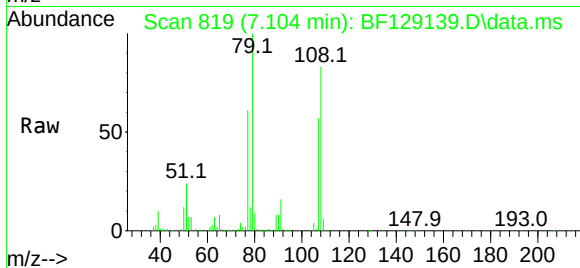
111 44.9 35.1 52.7





#15
Benzyl Alcohol
Concen: 41.446 ng
RT: 7.104 min Scan# 819
Delta R.T. -0.000 min
Lab File: BF129139.D
Acq: 06 Jul 2022 13:06

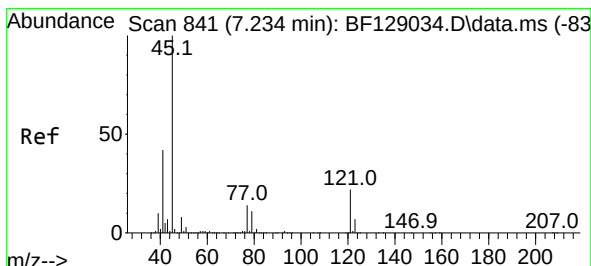
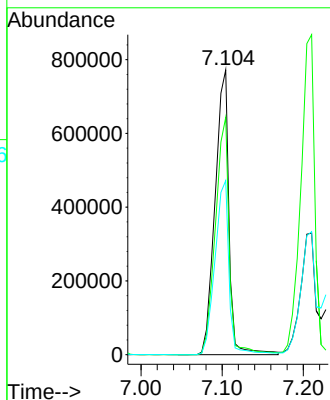
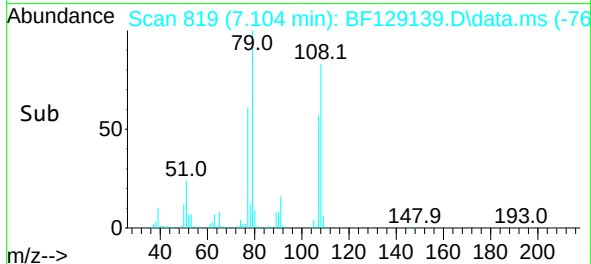
Instrument :
BNA_F
ClientSampleId :
PB146013BS



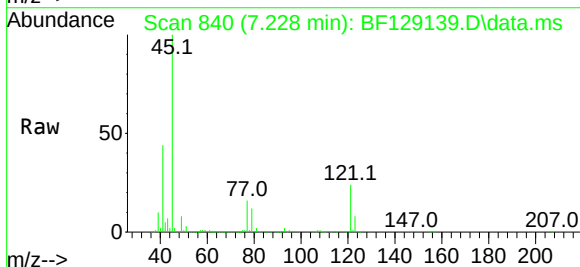
Tgt Ion: 79 Resp: 920670
Ion Ratio Lower Upper
79 100
108 83.3 61.8 92.6
77 61.1 50.2 75.4

Manual Integrations
APPROVED

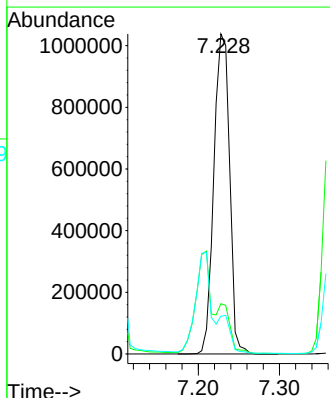
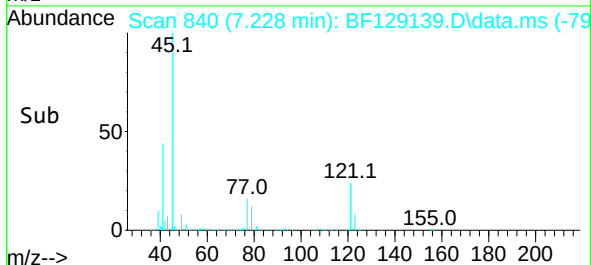
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022

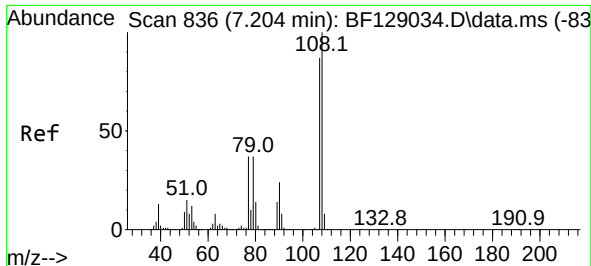


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.582 ng
RT: 7.228 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF129139.D
Acq: 06 Jul 2022 13:06



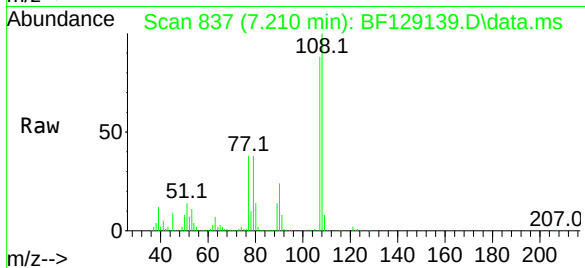
Tgt Ion: 45 Resp: 1395520
Ion Ratio Lower Upper
45 100
77 15.7 0.0 31.3
79 11.8 0.0 28.3





#17
2-Methylphenol
Concen: 41.092 ng
RT: 7.210 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF129139.D
Acq: 06 Jul 2022 13:06

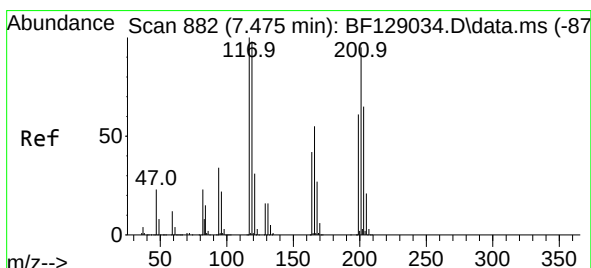
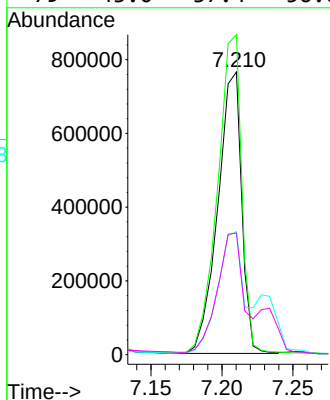
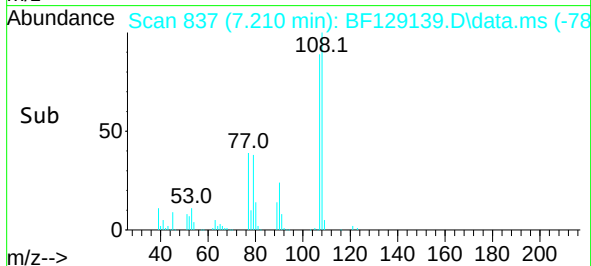
Instrument :
BNA_F
ClientSampleId :
PB146013BS



Tgt Ion:107 Resp: 89327
Ion Ratio Lower Upper
107 100
108 113.2 91.9 137.9
77 43.5 37.8 56.8
79 43.0 37.4 56.0

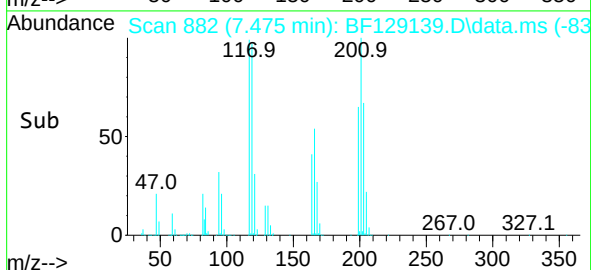
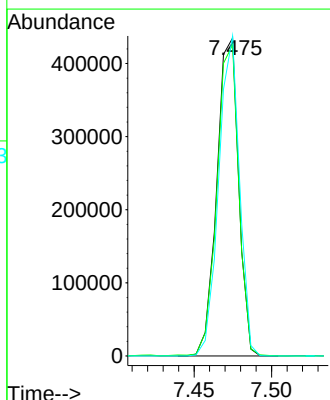
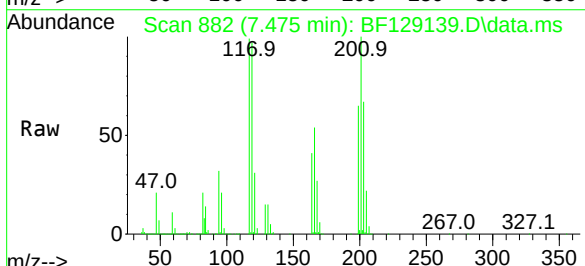
Manual Integrations
APPROVED

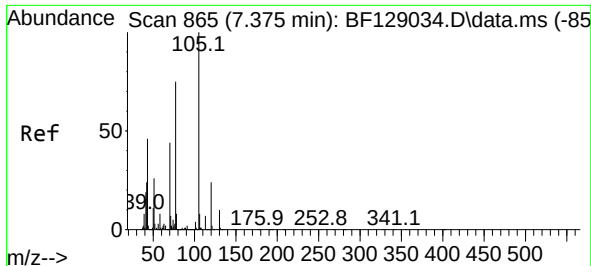
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022



#18
Hexachloroethane
Concen: 40.820 ng
RT: 7.475 min Scan# 882
Delta R.T. -0.000 min
Lab File: BF129139.D
Acq: 06 Jul 2022 13:06

Tgt Ion:117 Resp: 425081
Ion Ratio Lower Upper
117 100
119 97.9 77.4 116.2
201 100.6 84.6 127.0





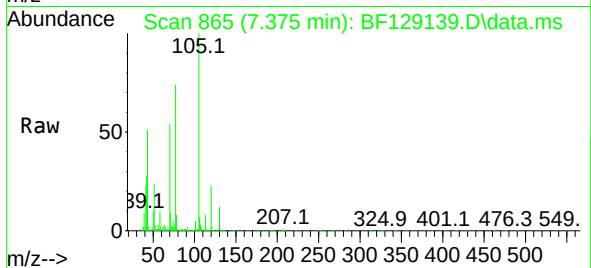
#19
n-Nitroso-di-n-propylamine
Concen: 39.825 ng
RT: 7.375 min Scan# 865
Delta R.T. -0.000 min
Lab File: BF129139.D
Acq: 06 Jul 2022 13:06

Instrument :

BNA_F

ClientSampleId :

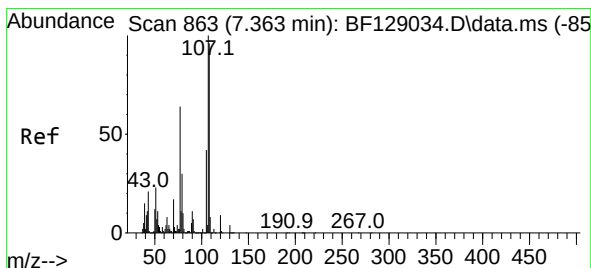
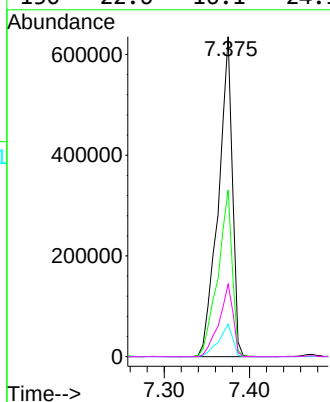
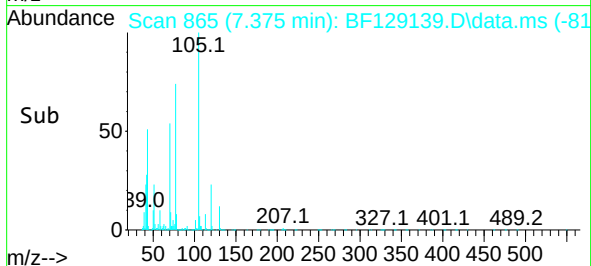
PB146013BS



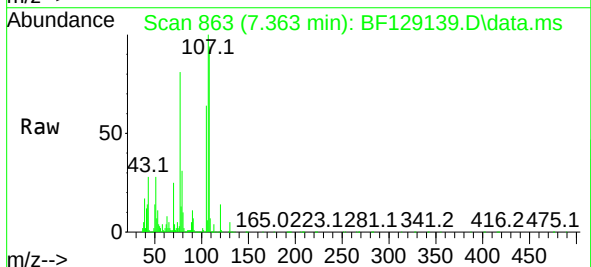
Tgt Ion: 70 Resp: 727524
Ion Ratio Lower Upper
70 100
42 52.0 52.3 78.5
101 10.1 7.5 11.3
130 22.6 16.1 24.1

Manual Integrations
APPROVED

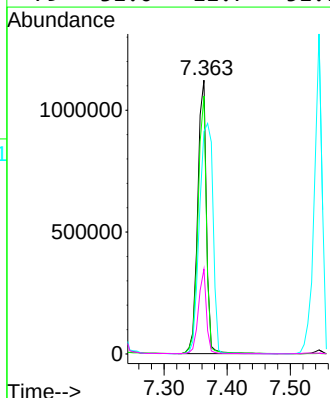
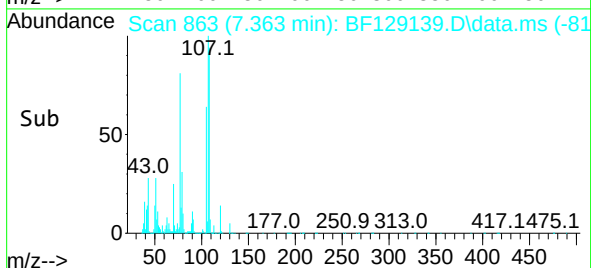
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022

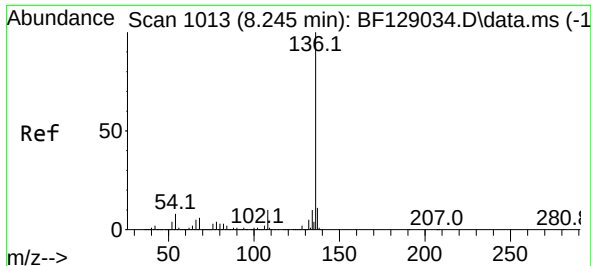


#20
3+4-Methylphenols
Concen: 38.716 ng
RT: 7.363 min Scan# 863
Delta R.T. -0.000 min
Lab File: BF129139.D
Acq: 06 Jul 2022 13:06



Tgt Ion:107 Resp: 1070261
Ion Ratio Lower Upper
107 100
108 94.2 71.8 111.8
77 81.3 59.3 99.3
79 31.0 11.7 51.7





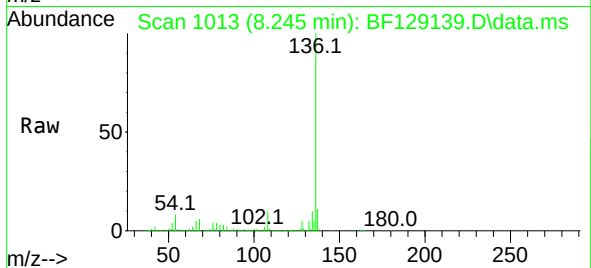
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF129139.D
Acq: 06 Jul 2022 13:06

Instrument :

BNA_F

ClientSampleId :

PB146013BS

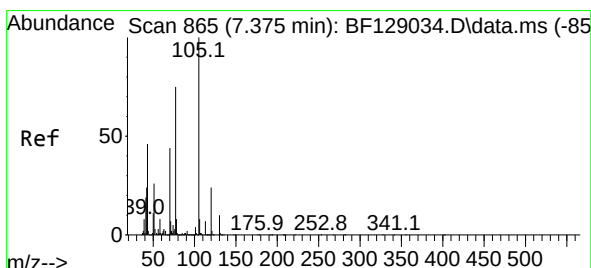
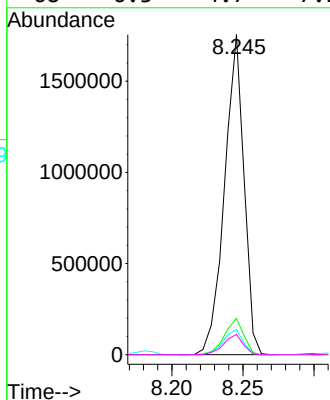
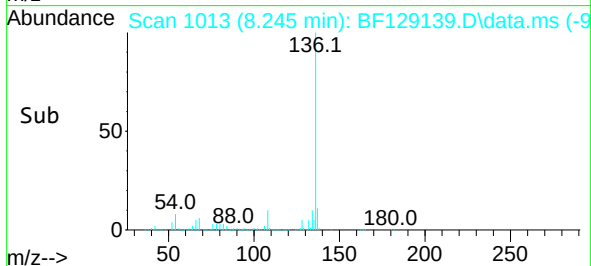


Tgt Ion:136 Resp: 1665458
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 7.9 7.5 11.3
68 6.3 4.7 7.1

Manual Integrations

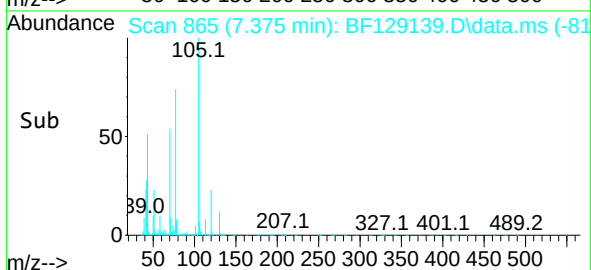
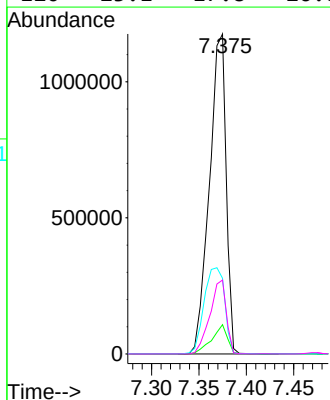
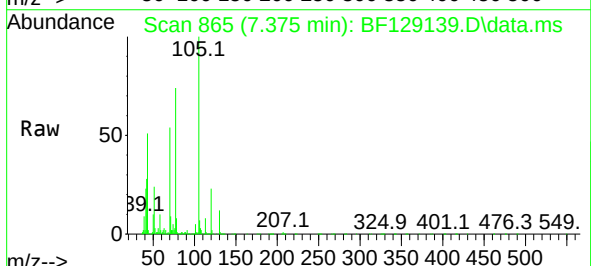
APPROVED

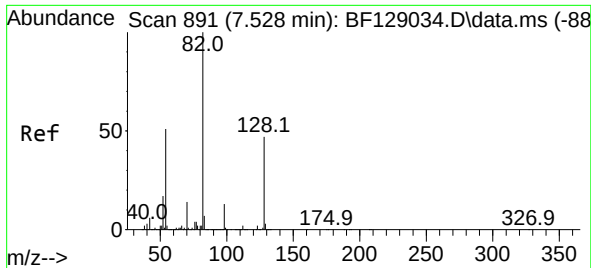
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022



#22
Acetophenone
Concen: 37.794 ng
RT: 7.375 min Scan# 865
Delta R.T. -0.000 min
Lab File: BF129139.D
Acq: 06 Jul 2022 13:06

Tgt Ion:105 Resp: 1443929
Ion Ratio Lower Upper
105 100
71 9.2 5.0 7.4#
51 23.6 25.0 37.4#
120 23.1 17.8 26.8





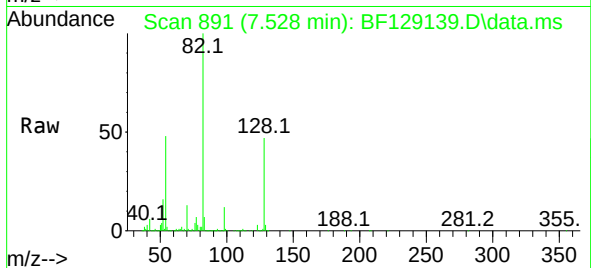
#23
Nitrobenzene-d5
Concen: 75.983 ng
RT: 7.528 min Scan# 891
Delta R.T. -0.000 min
Lab File: BF129139.D
Acq: 06 Jul 2022 13:06

Instrument :

BNA_F

ClientSampleId :

PB146013BS

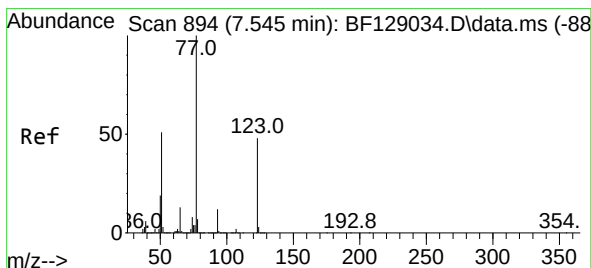
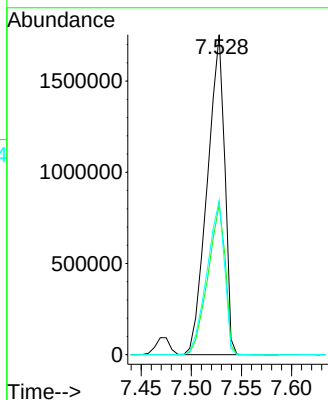
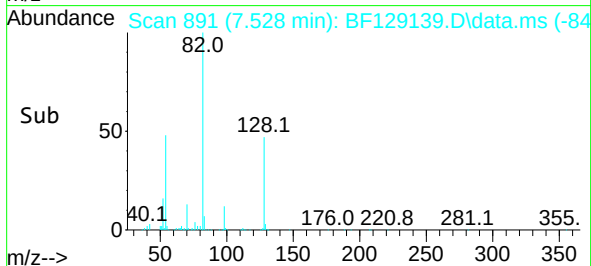


Tgt Ion: 82 Resp: 2121598
Ion Ratio Lower Upper
82 100
128 46.9 34.0 51.0
54 48.2 46.9 70.3

Manual Integrations

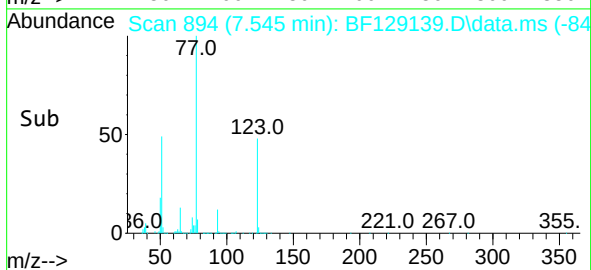
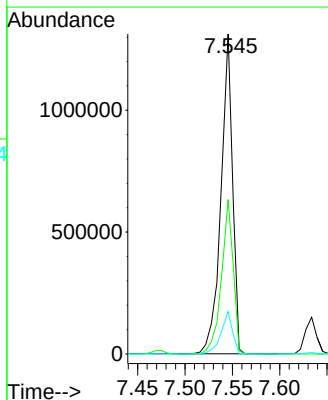
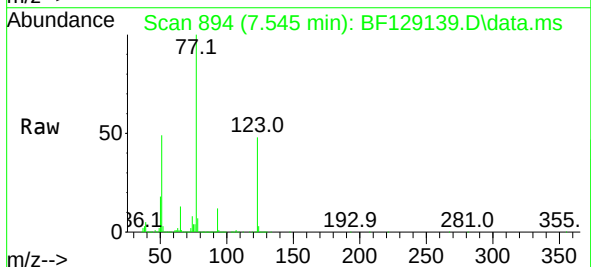
APPROVED

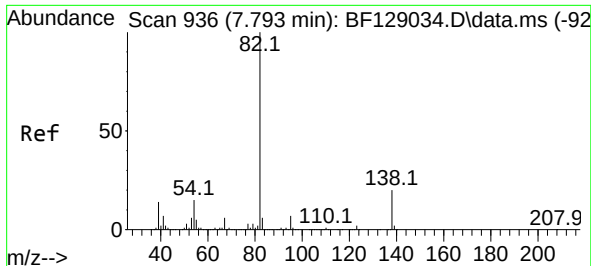
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022



#24
Nitrobenzene
Concen: 41.623 ng
RT: 7.545 min Scan# 894
Delta R.T. -0.000 min
Lab File: BF129139.D
Acq: 06 Jul 2022 13:06

Tgt Ion: 77 Resp: 1124507
Ion Ratio Lower Upper
77 100
123 48.2 35.4 53.2
65 13.3 11.8 17.8





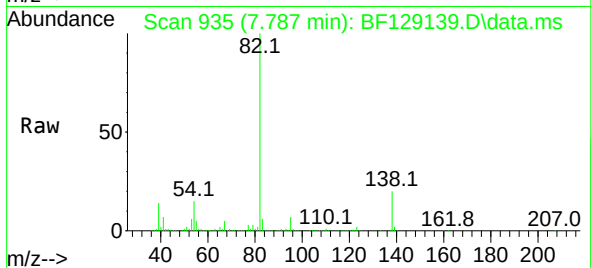
#25
Isophorone
Concen: 44.177 ng
RT: 7.787 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF129139.D
Acq: 06 Jul 2022 13:06

Instrument :

BNA_F

ClientSampleId :

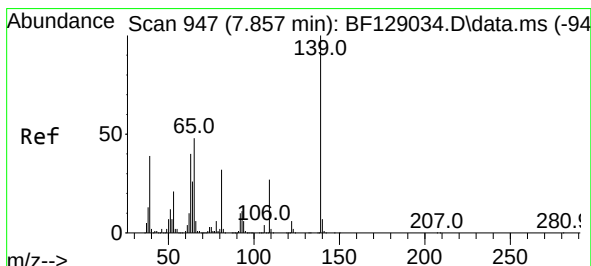
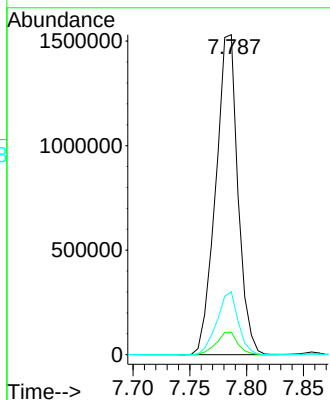
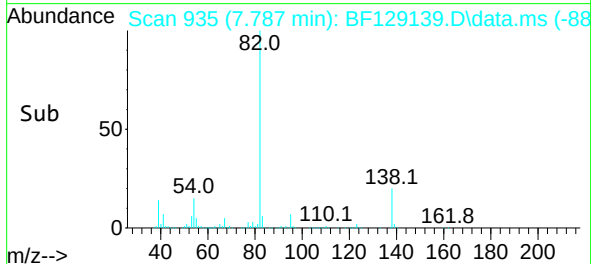
PB146013BS



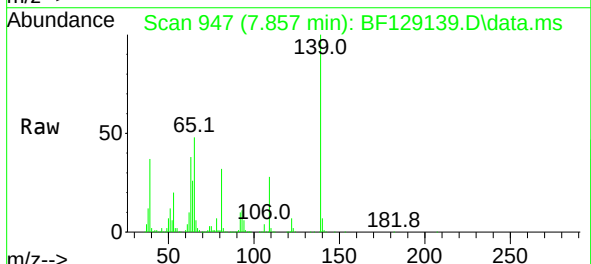
Tgt Ion: 82 Resp: 2084685
Ion Ratio Lower Upper
82 100
95 7.1 5.7 8.5
138 19.7 14.2 21.2

Manual Integrations
APPROVED

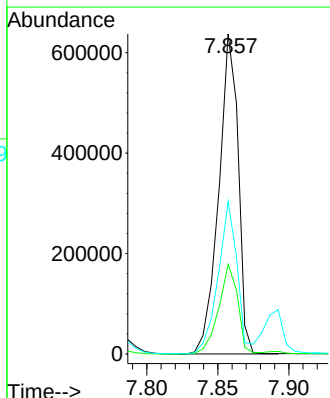
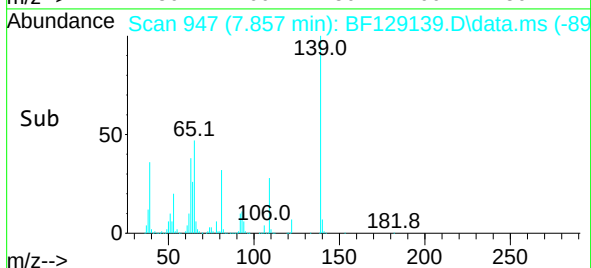
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022

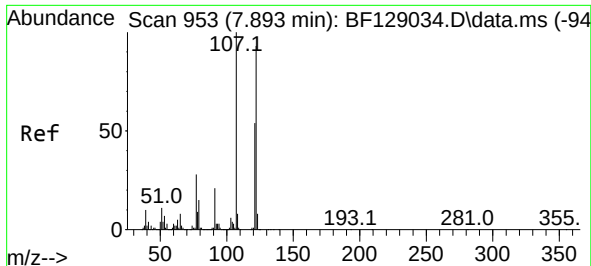


#26
2-Nitrophenol
Concen: 48.332 ng
RT: 7.857 min Scan# 947
Delta R.T. -0.000 min
Lab File: BF129139.D
Acq: 06 Jul 2022 13:06



Tgt Ion:139 Resp: 606855
Ion Ratio Lower Upper
139 100
109 28.0 25.0 37.4
65 47.7 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 45.745 ng

RT: 7.892 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF129139.D

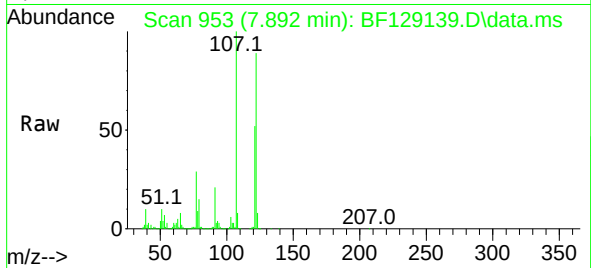
Acq: 06 Jul 2022 13:06

Instrument :

BNA_F

ClientSampleId :

PB146013BS



Tgt Ion:122 Resp: 103697

Ion Ratio Lower Upper

122 100

107 112.3 93.0 139.6

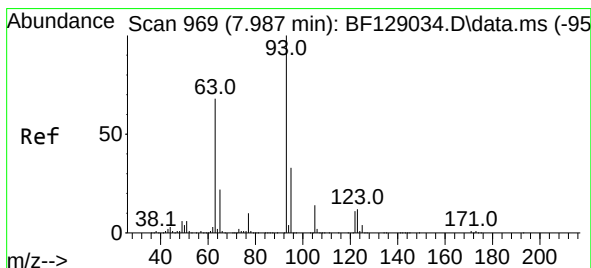
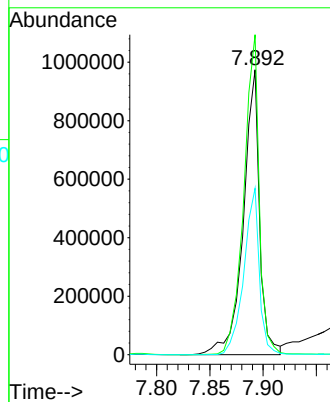
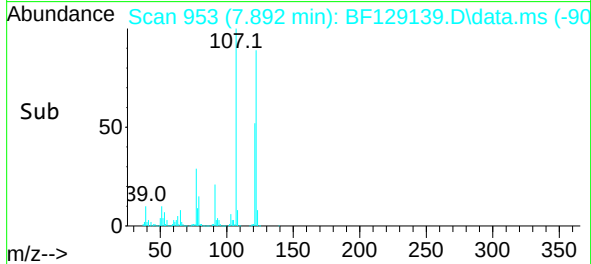
121 58.4 46.6 70.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/07/2022

Supervised By :Jagrut Upadhyay 07/07/2022



#28

bis(2-Chloroethoxy)methane

Concen: 38.963 ng

RT: 7.987 min Scan# 969

Delta R.T. -0.000 min

Lab File: BF129139.D

Acq: 06 Jul 2022 13:06

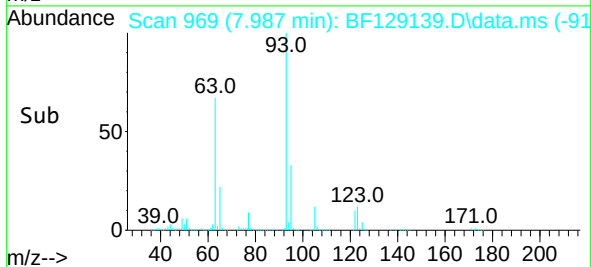
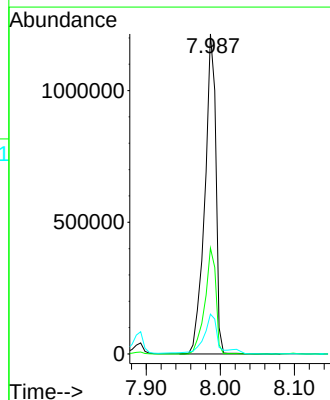
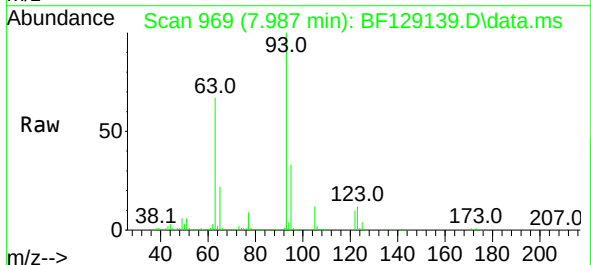
Tgt Ion: 93 Resp: 1262721

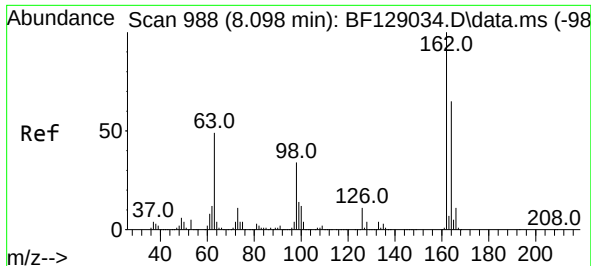
Ion Ratio Lower Upper

93 100

95 33.1 26.8 40.2

123 12.4 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 39.731 ng

RT: 8.098 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF129139.D

Acq: 06 Jul 2022 13:06

Instrument :

BNA_F

ClientSampleId :

PB146013BS

Tgt Ion:162 Resp: 918620

Ion Ratio Lower Upper

162 100

164 64.6 44.2 84.2

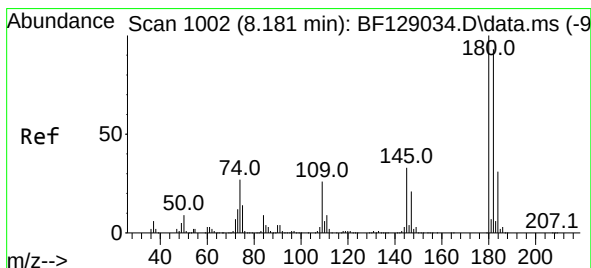
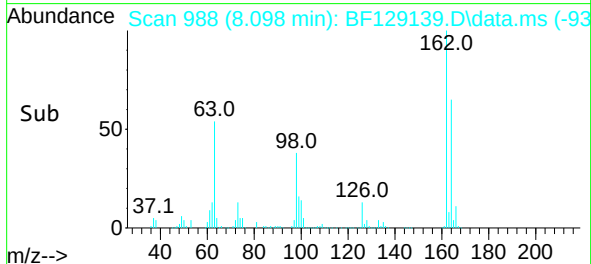
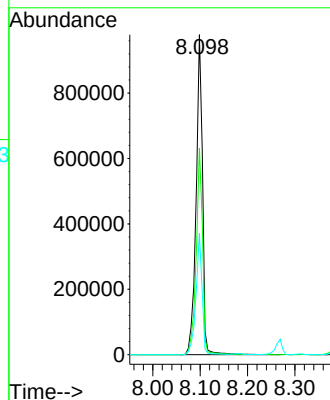
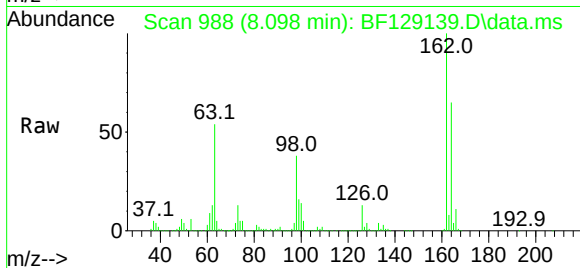
98 37.9 19.6 59.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/07/2022

Supervised By :Jagrut Upadhyay 07/07/2022



#30

1,2,4-Trichlorobenzene

Concen: 38.378 ng

RT: 8.181 min Scan# 1002

Delta R.T. -0.000 min

Lab File: BF129139.D

Acq: 06 Jul 2022 13:06

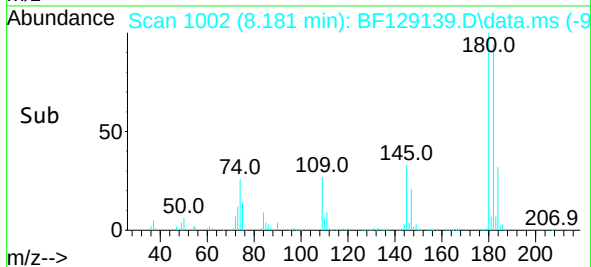
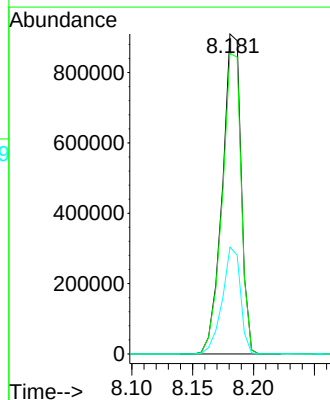
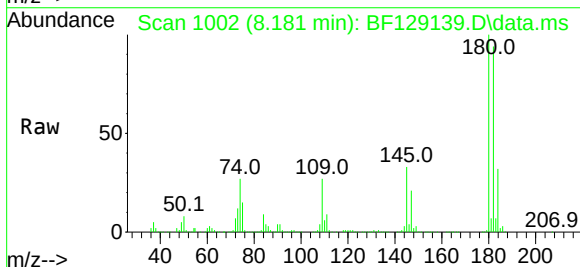
Tgt Ion:180 Resp: 976469

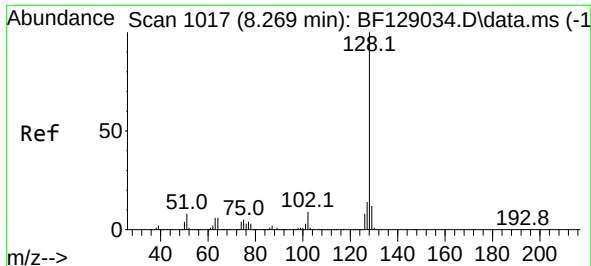
Ion Ratio Lower Upper

180 100

182 93.9 79.2 118.8

145 33.4 26.2 39.2





#31
Naphthalene
Concen: 39.405 ng
RT: 8.269 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF129139.D
Acq: 06 Jul 2022 13:06

Instrument :

BNA_F

ClientSampleId :

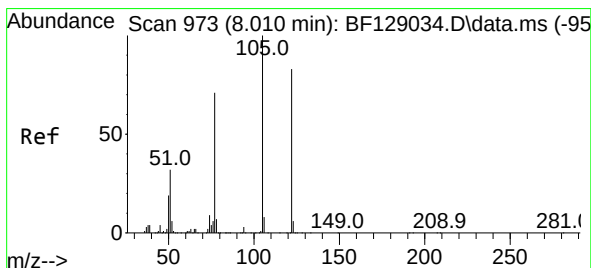
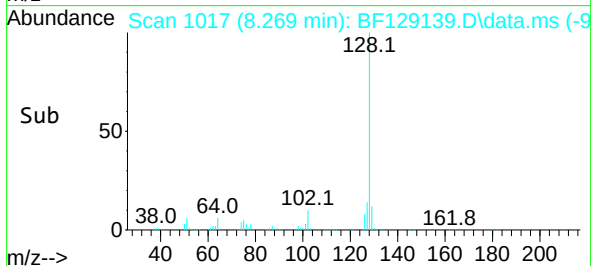
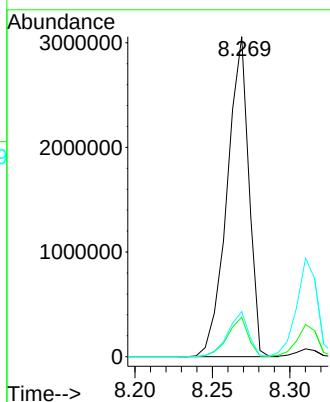
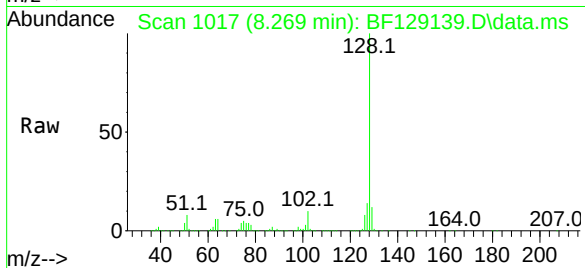
PB146013BS

Tgt Ion:128 Resp: 2979319
Ion Ratio Lower Upper
128 100
129 12.3 9.2 13.8
127 14.1 10.5 15.7

Manual Integrations

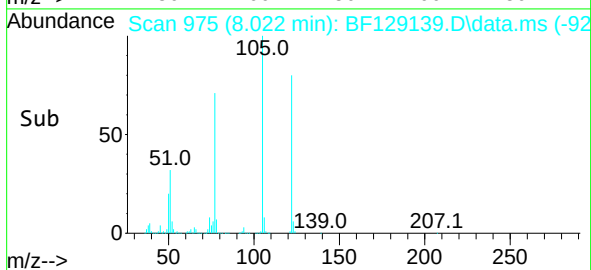
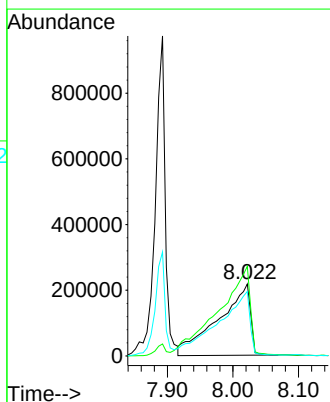
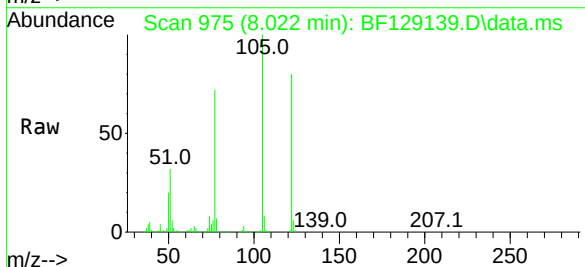
APPROVED

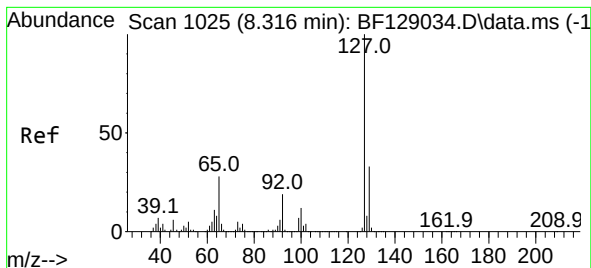
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022



#32
Benzoic acid
Concen: 40.147 ng
RT: 8.022 min Scan# 975
Delta R.T. 0.012 min
Lab File: BF129139.D
Acq: 06 Jul 2022 13:06

Tgt Ion:122 Resp: 730157
Ion Ratio Lower Upper
122 100
105 124.3 107.1 147.1
77 89.5 74.2 114.2





#33
4-Chloroaniline
Concen: 30.344 ng
RT: 8.310 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF129139.D
Acq: 06 Jul 2022 13:06

Instrument :

BNA_F

ClientSampleId :

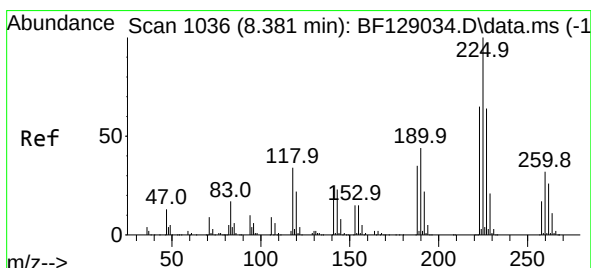
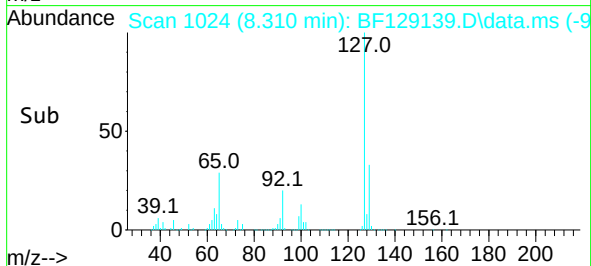
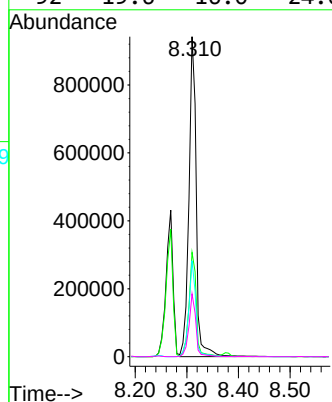
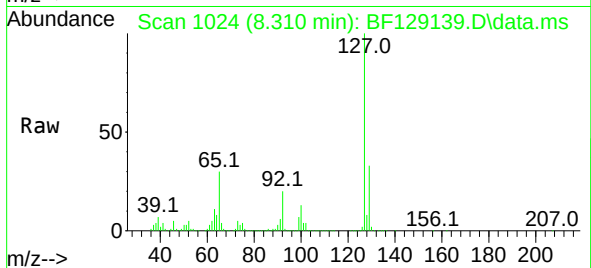
PB146013BS

Tgt Ion:127 Resp: 92445
Ion Ratio Lower Upper
127 100
129 32.6 26.4 39.6
65 30.0 26.4 39.6
92 19.6 16.0 24.0

Manual Integrations

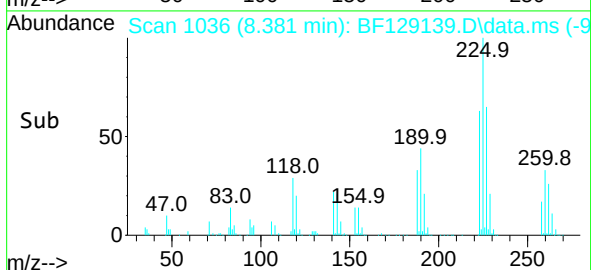
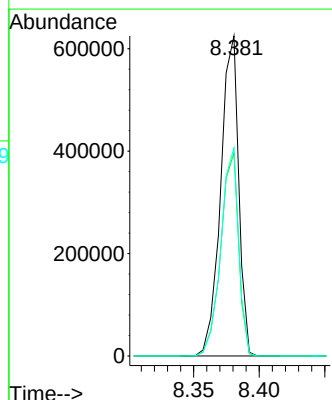
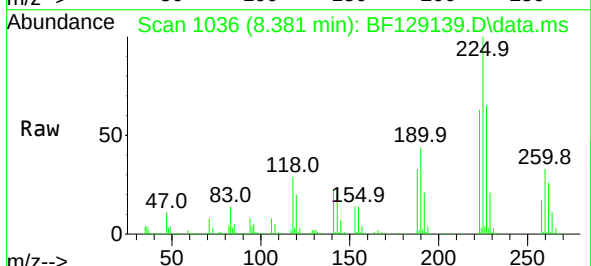
APPROVED

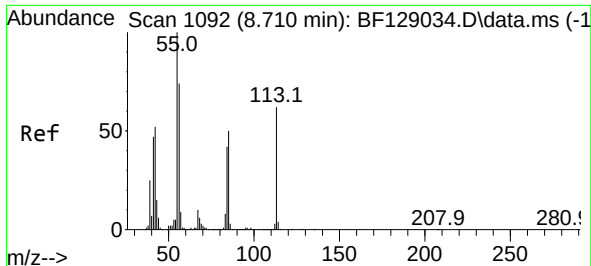
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022



#34
Hexachlorobutadiene
Concen: 39.130 ng
RT: 8.381 min Scan# 1036
Delta R.T. -0.000 min
Lab File: BF129139.D
Acq: 06 Jul 2022 13:06

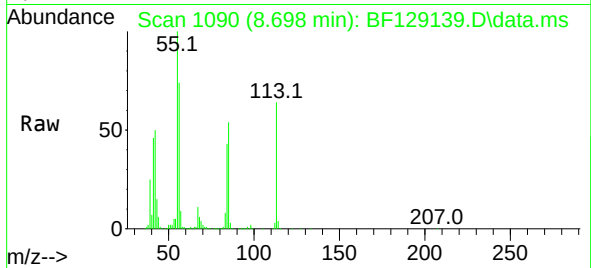
Tgt Ion:225 Resp: 594472
Ion Ratio Lower Upper
225 100
223 63.4 51.0 76.6
227 65.1 51.1 76.7





#35
Caprolactam
Concen: 41.538 ng m
RT: 8.698 min Scan# 1106
Delta R.T. -0.012 min
Lab File: BF129139.D
Acq: 06 Jul 2022 13:06

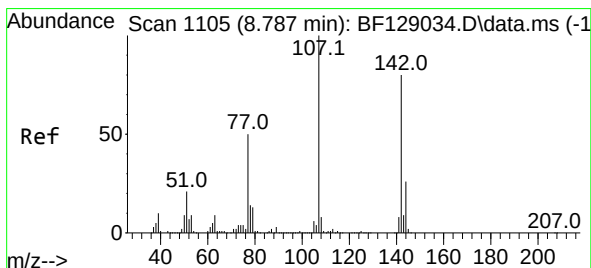
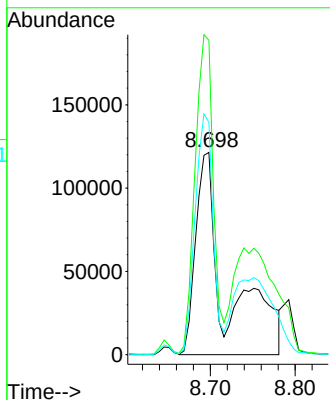
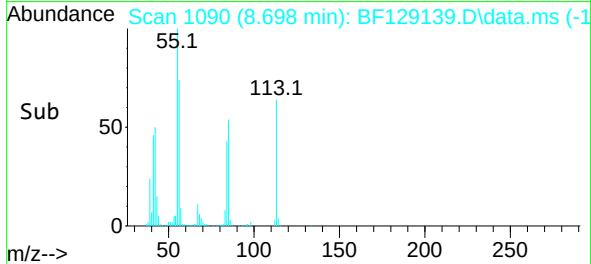
Instrument :
BNA_F
ClientSampleId :
PB146013BS



Tgt Ion:113 Resp: 304540
Ion Ratio Lower Upper
113 100
55 155.4 188.5 228.5
56 114.8 130.6 170.6

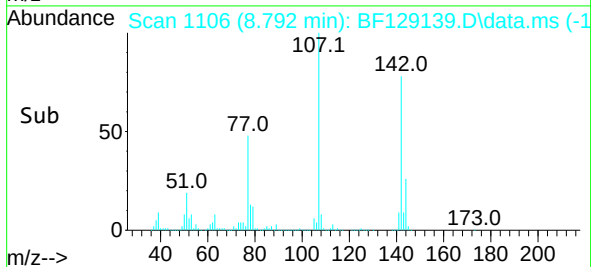
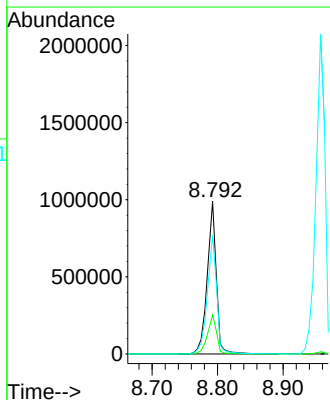
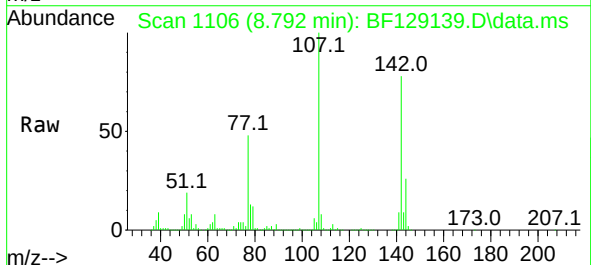
Manual Integrations
APPROVED

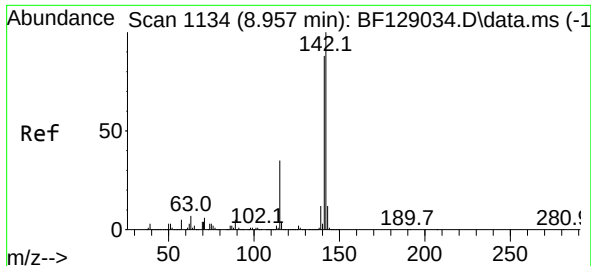
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022



#36
4-Chloro-3-methylphenol
Concen: 40.906 ng
RT: 8.792 min Scan# 1106
Delta R.T. 0.006 min
Lab File: BF129139.D
Acq: 06 Jul 2022 13:06

Tgt Ion:107 Resp: 960942
Ion Ratio Lower Upper
107 100
144 25.6 19.5 29.3
142 77.9 58.2 87.4





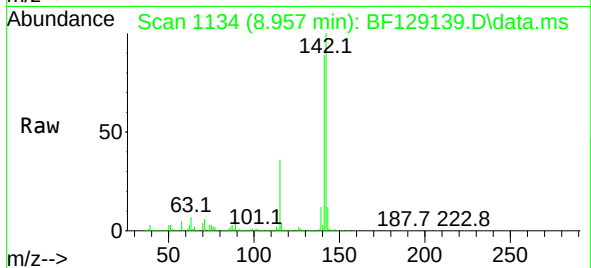
#37
2-Methylnaphthalene
Concen: 39.067 ng
RT: 8.957 min Scan# 1134
Delta R.T. -0.000 min
Lab File: BF129139.D
Acq: 06 Jul 2022 13:06

Instrument :

BNA_F

ClientSampleId :

PB146013BS

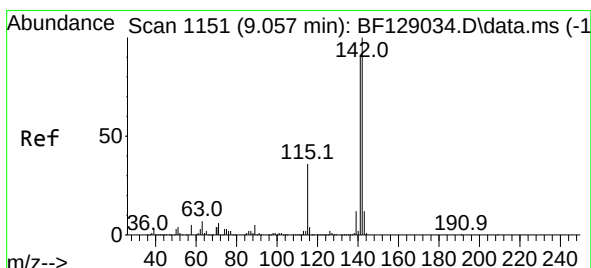
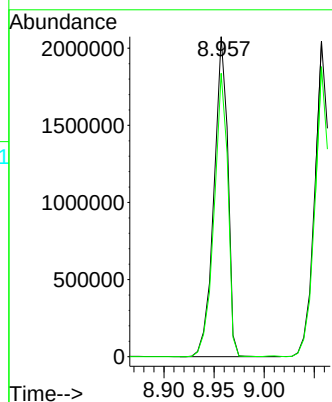
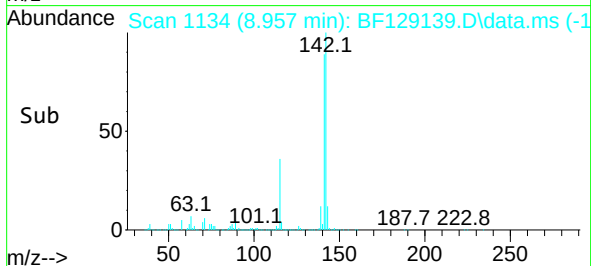


Tgt Ion:142 Resp: 198754
Ion Ratio Lower Upper
142 100
141 88.5 71.0 106.4

Manual Integrations

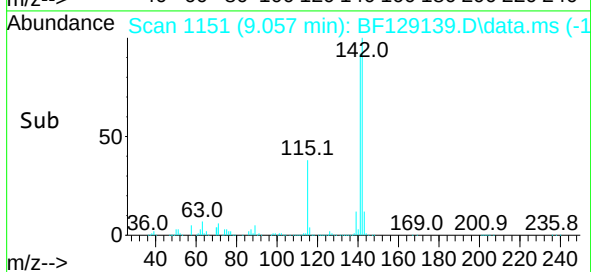
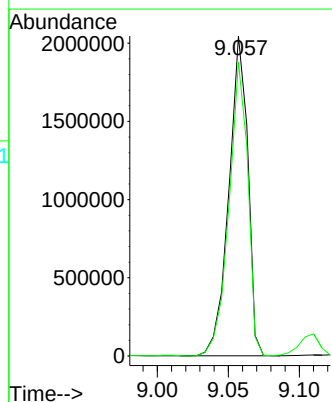
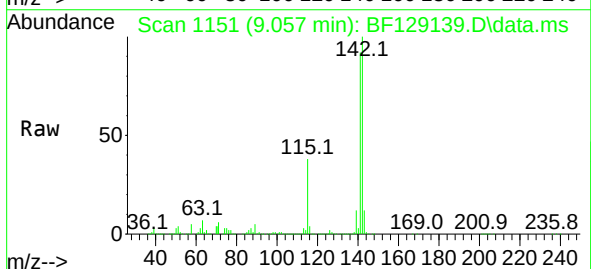
APPROVED

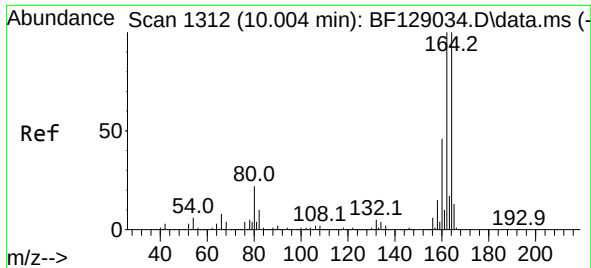
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022



#38
1-Methylnaphthalene
Concen: 38.506 ng
RT: 9.057 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BF129139.D
Acq: 06 Jul 2022 13:06

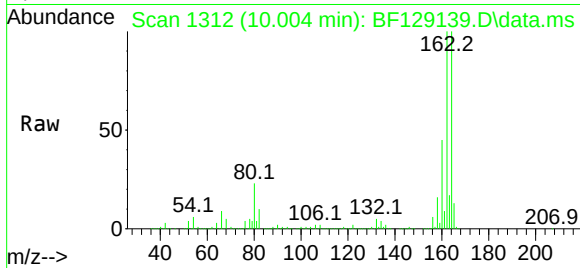
Tgt Ion:142 Resp: 1902432
Ion Ratio Lower Upper
142 100
141 91.9 74.2 111.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF129139.D
Acq: 06 Jul 2022 13:06

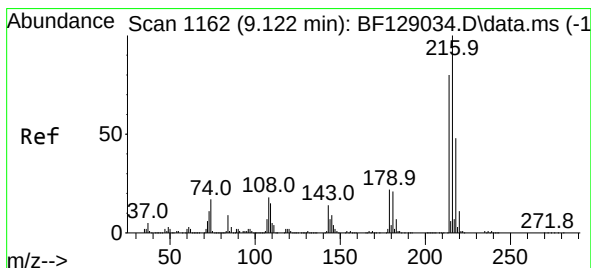
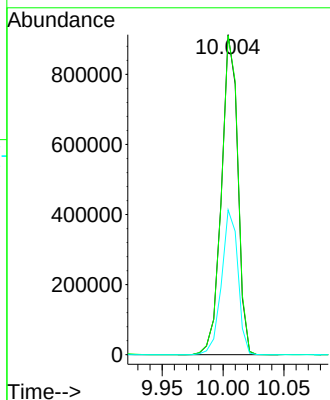
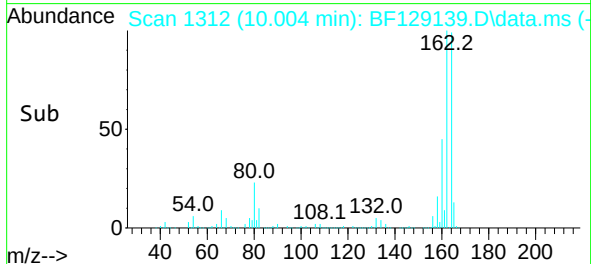
Instrument :
BNA_F
ClientSampleId :
PB146013BS



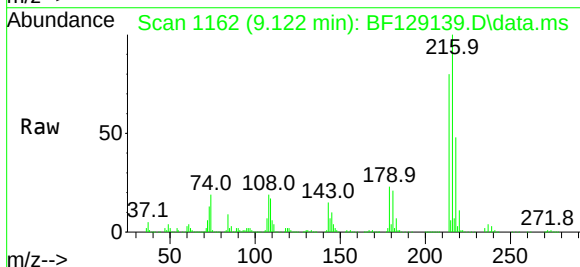
Tgt Ion:164 Resp: 854249
Ion Ratio Lower Upper
164 100
162 99.8 79.5 119.3
160 45.3 34.2 51.4

Manual Integrations
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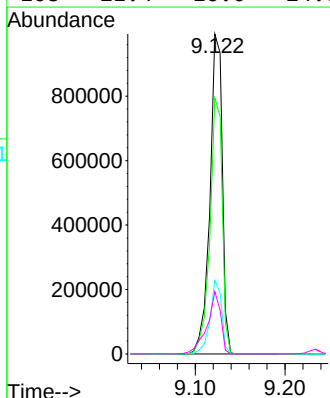
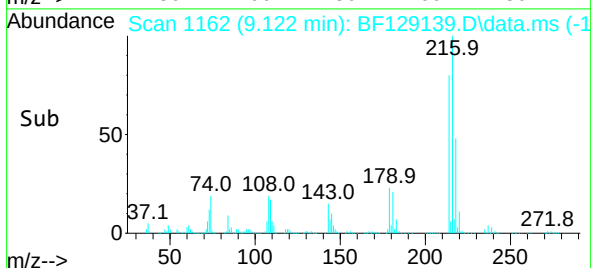
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022

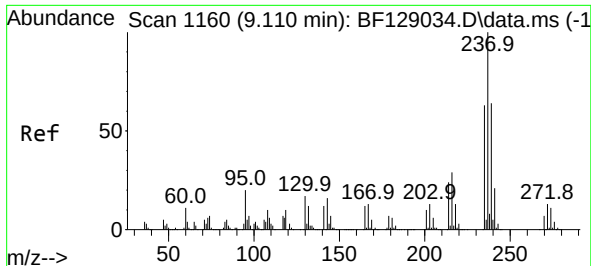


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.604 ng
RT: 9.122 min Scan# 1162
Delta R.T. -0.000 min
Lab File: BF129139.D
Acq: 06 Jul 2022 13:06



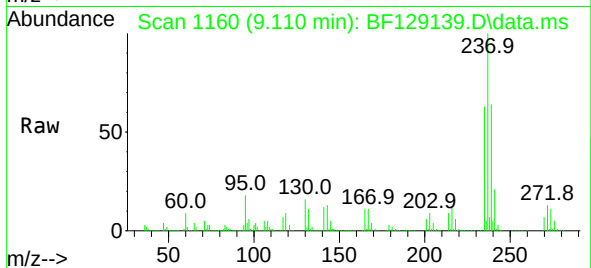
Tgt Ion:216 Resp: 950961
Ion Ratio Lower Upper
216 100
214 79.2 63.6 95.4
179 21.6 17.0 25.6
108 21.4 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 89.380 ng
RT: 9.110 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BF129139.D
Acq: 06 Jul 2022 13:06

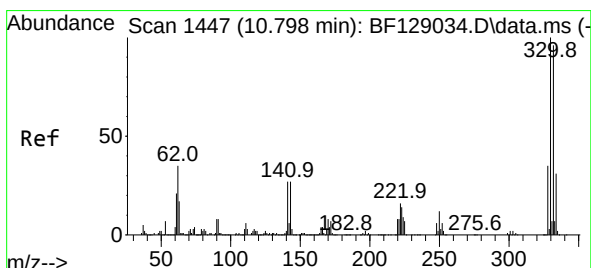
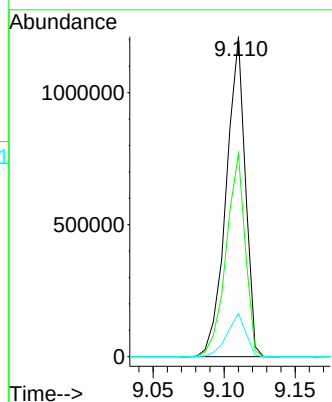
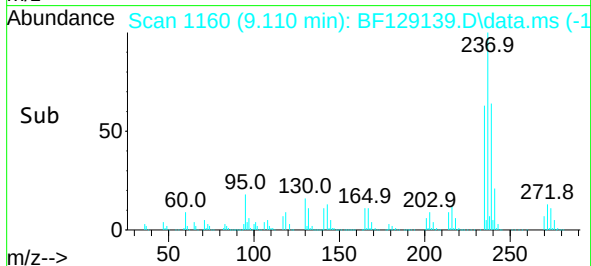
Instrument :
BNA_F
ClientSampleId :
PB146013BS



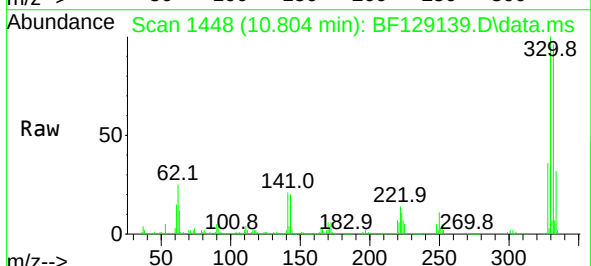
Tgt Ion:237 Resp: 113285
Ion Ratio Lower Upper
237 100
235 63.4 43.2 83.2
272 13.5 0.0 31.9

Manual Integrations
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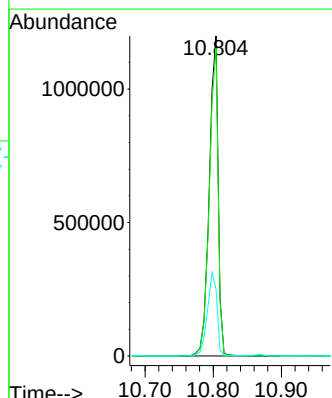
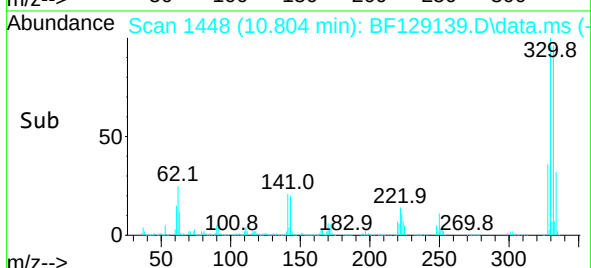
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022

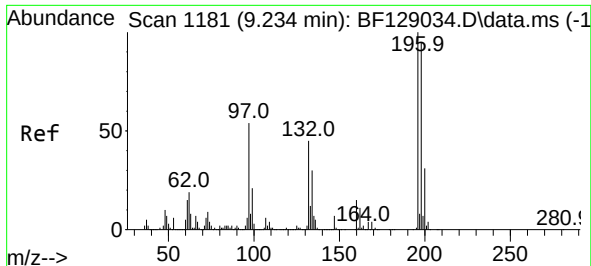


#42
2,4,6-Tribromophenol
Concen: 117.251 ng
RT: 10.804 min Scan# 1448
Delta R.T. 0.006 min
Lab File: BF129139.D
Acq: 06 Jul 2022 13:06



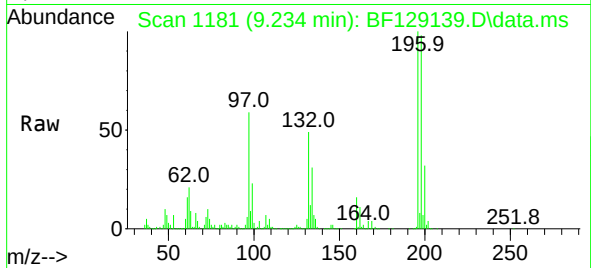
Tgt Ion:330 Resp: 1089105
Ion Ratio Lower Upper
330 100
332 96.1 76.8 115.2
141 28.3 28.0 42.0





#43
2,4,6-Trichlorophenol
Concen: 40.010 ng
RT: 9.234 min Scan# 1181
Delta R.T. -0.000 min
Lab File: BF129139.D
Acq: 06 Jul 2022 13:06

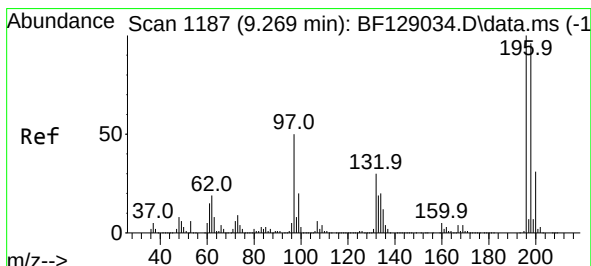
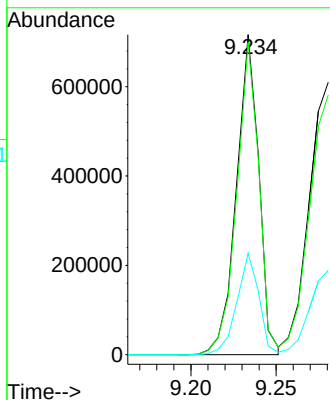
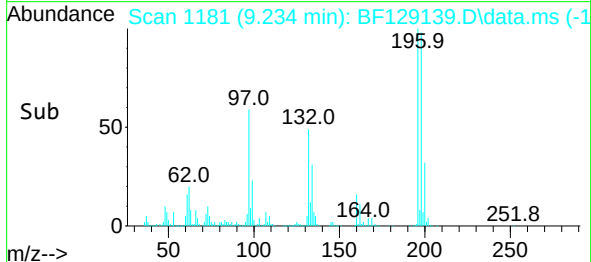
Instrument :
BNA_F
ClientSampleId :
PB146013BS



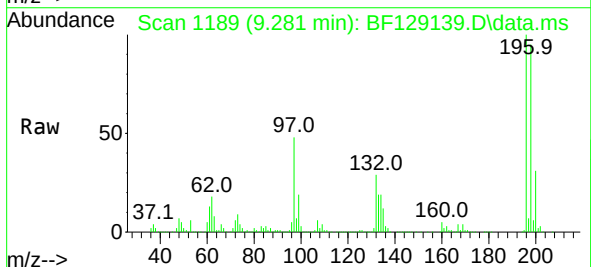
Tgt Ion:196 Resp: 654360
Ion Ratio Lower Upper
196 100
198 97.6 74.0 111.0
200 31.7 24.1 36.1

Manual Integrations
APPROVED

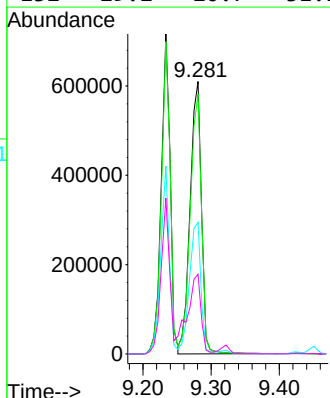
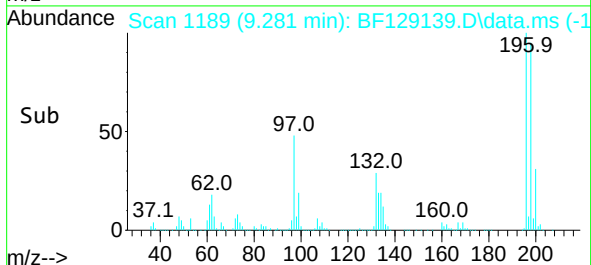
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022

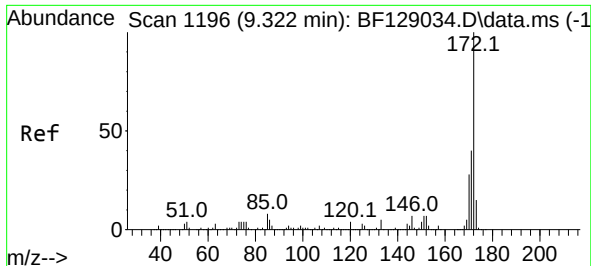


#44
2,4,5-Trichlorophenol
Concen: 40.357 ng
RT: 9.281 min Scan# 1189
Delta R.T. 0.012 min
Lab File: BF129139.D
Acq: 06 Jul 2022 13:06



Tgt Ion:196 Resp: 702084
Ion Ratio Lower Upper
196 100
198 95.4 75.7 113.5
97 48.3 36.4 54.6
132 29.2 20.7 31.1





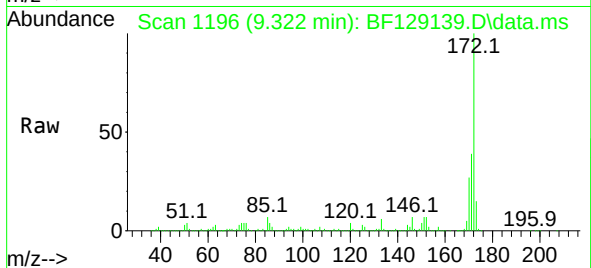
#45
2-Fluorobiphenyl
Concen: 68.712 ng
RT: 9.322 min Scan# 1196
Delta R.T. -0.000 min
Lab File: BF129139.D
Acq: 06 Jul 2022 13:06

Instrument :

BNA_F

ClientSampleId :

PB146013BS

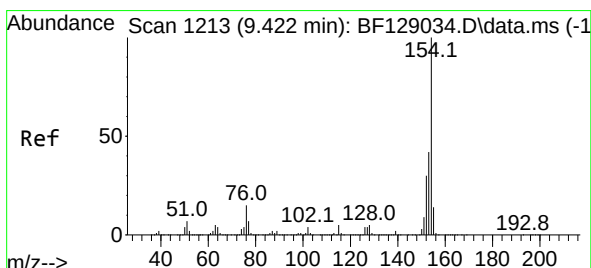
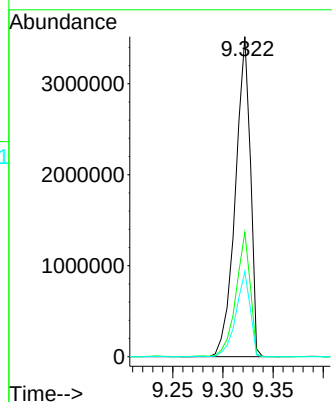
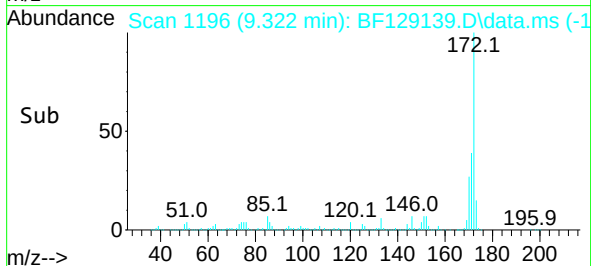


Tgt Ion:172 Resp: 366904
Ion Ratio Lower Upper
172 100
171 38.9 28.8 43.2
170 26.6 19.8 29.8

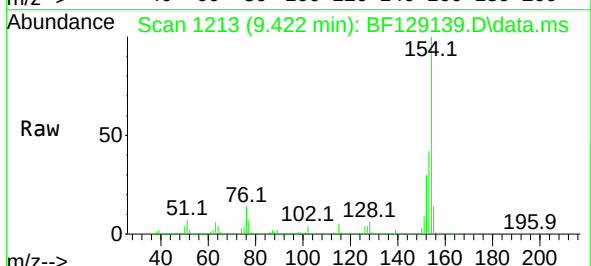
Manual Integrations

APPROVED

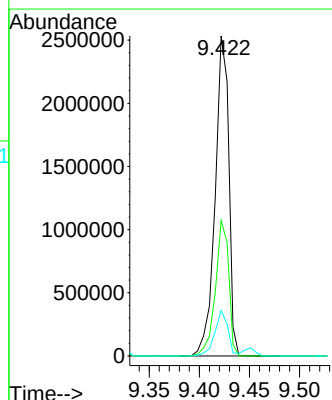
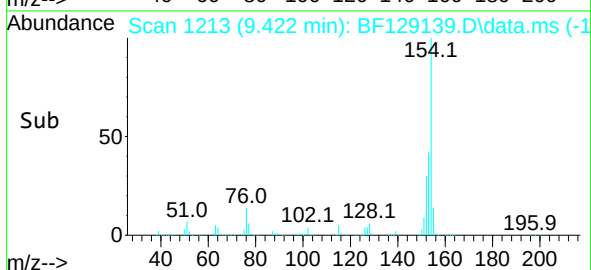
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022

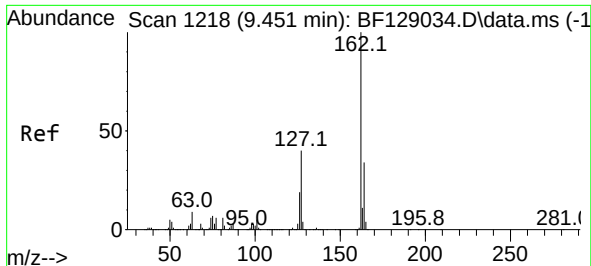


#46
1,1'-Biphenyl
Concen: 39.059 ng
RT: 9.422 min Scan# 1213
Delta R.T. -0.000 min
Lab File: BF129139.D
Acq: 06 Jul 2022 13:06



Tgt Ion:154 Resp: 2398760
Ion Ratio Lower Upper
154 100
153 42.3 20.6 60.6
76 14.3 0.0 33.3





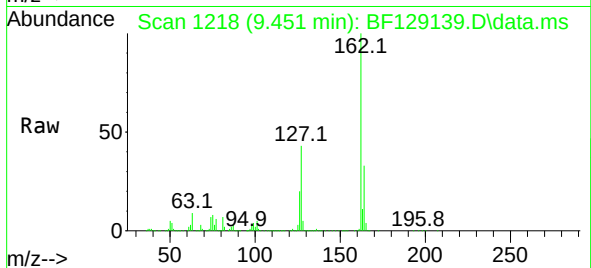
#47
2-Chloronaphthalene
Concen: 38.993 ng
RT: 9.451 min Scan# 1218
Delta R.T. -0.000 min
Lab File: BF129139.D
Acq: 06 Jul 2022 13:06

Instrument :

BNA_F

ClientSampleId :

PB146013BS

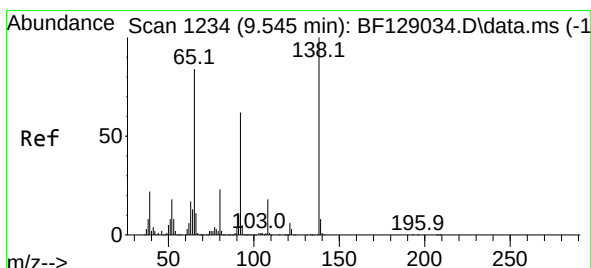
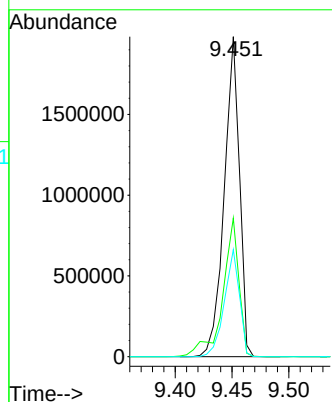
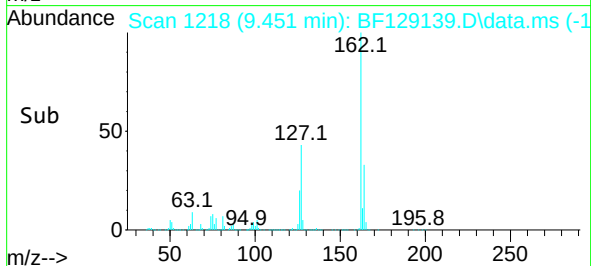


Tgt Ion:162 Resp: 1849292
Ion Ratio Lower Upper
162 100
127 43.3 34.5 51.7
164 33.5 26.5 39.7

Manual Integrations

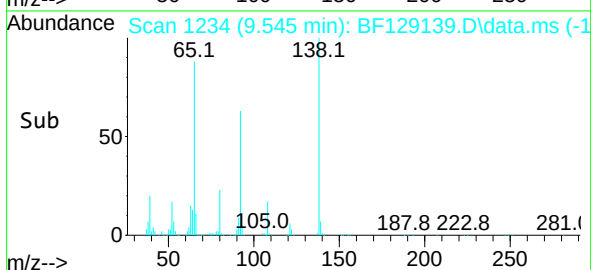
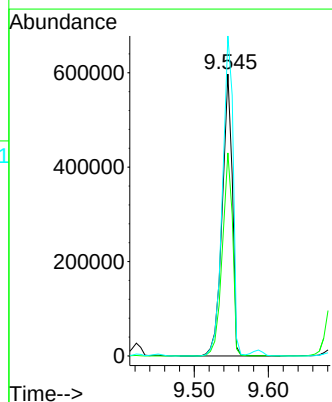
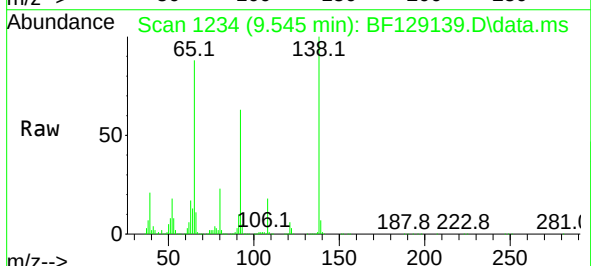
APPROVED

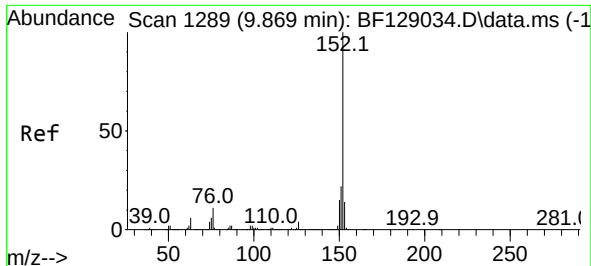
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022



#48
2-Nitroaniline
Concen: 45.529 ng
RT: 9.545 min Scan# 1234
Delta R.T. -0.000 min
Lab File: BF129139.D
Acq: 06 Jul 2022 13:06

Tgt Ion: 65 Resp: 568719
Ion Ratio Lower Upper
65 100
92 72.0 51.9 77.9
138 113.5 76.4 114.6





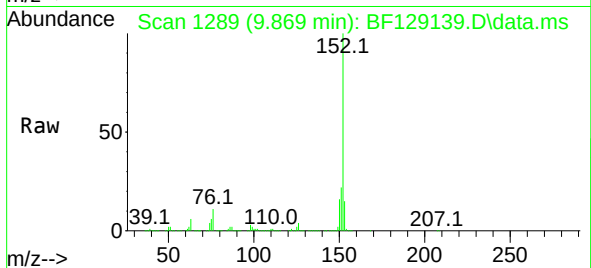
#49
Acenaphthylene
Concen: 41.378 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BF129139.D
Acq: 06 Jul 2022 13:06

Instrument :

BNA_F

ClientSampleId :

PB146013BS

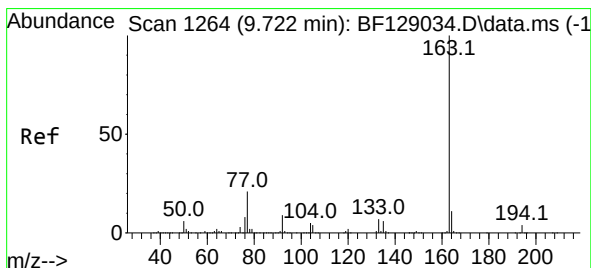
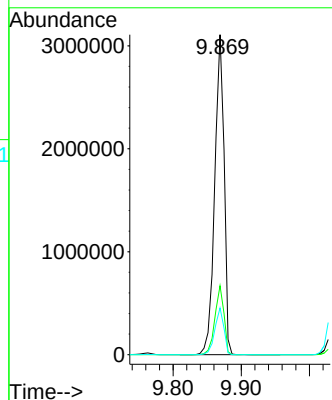
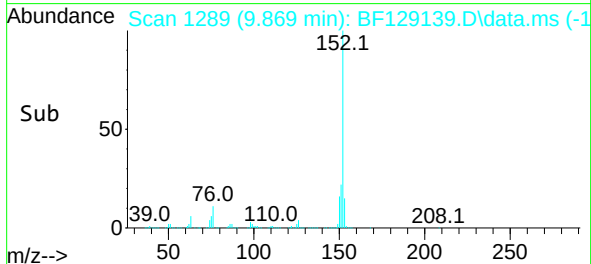


Tgt Ion:152 Resp: 298185
Ion Ratio Lower Upper
152 100
151 21.5 16.2 24.4
153 14.6 10.7 16.1

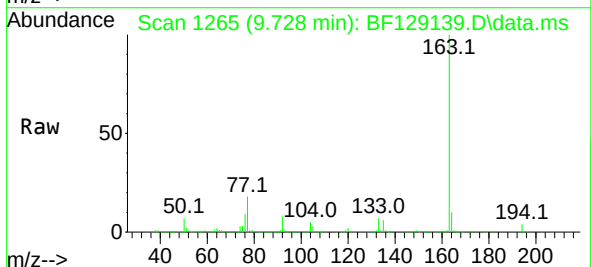
Manual Integrations

APPROVED

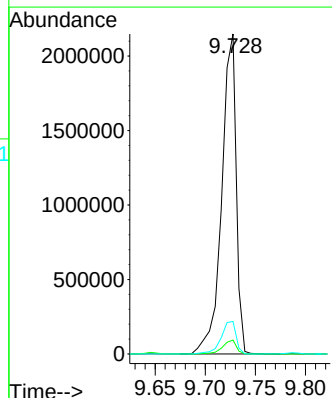
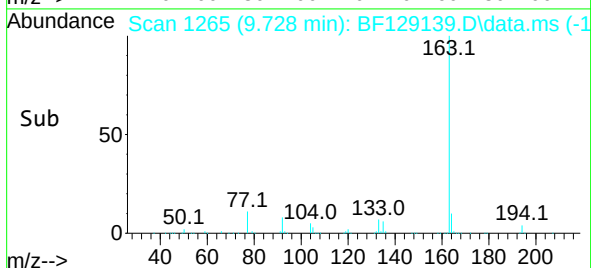
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022

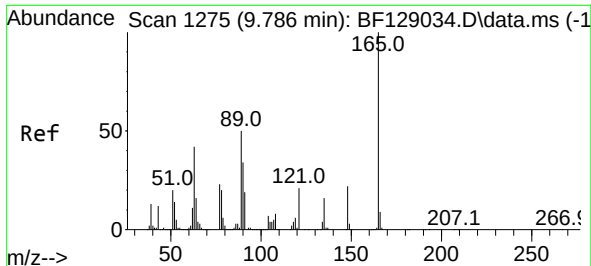


#50
Dimethylphthalate
Concen: 40.344 ng
RT: 9.728 min Scan# 1265
Delta R.T. 0.006 min
Lab File: BF129139.D
Acq: 06 Jul 2022 13:06



Tgt Ion:163 Resp: 2156070
Ion Ratio Lower Upper
163 100
194 4.4 3.2 4.8
164 10.1 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 46.269 ng
RT: 9.786 min Scan# 1275
Delta R.T. -0.000 min
Lab File: BF129139.D
Acq: 06 Jul 2022 13:06

Instrument :

BNA_F

ClientSampleId :

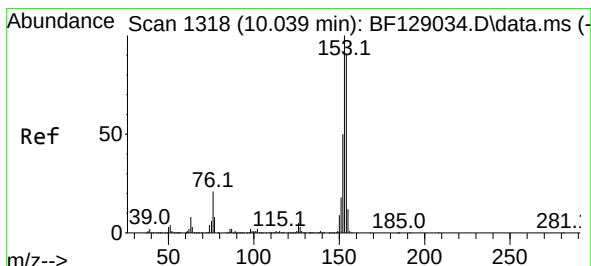
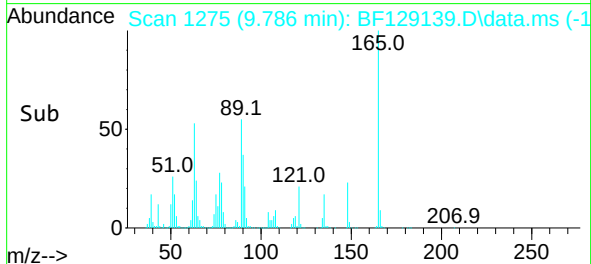
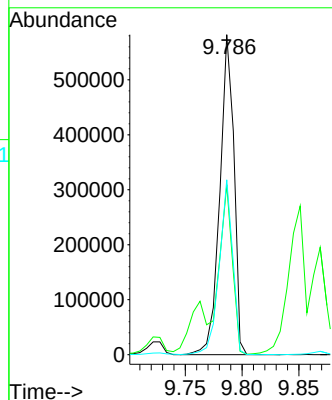
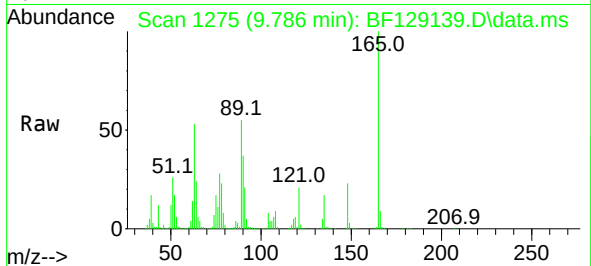
PB146013BS

Tgt Ion:165 Resp: 505279
Ion Ratio Lower Upper
165 100
63 53.1 44.9 67.3
89 54.7 43.6 65.4

Manual Integrations

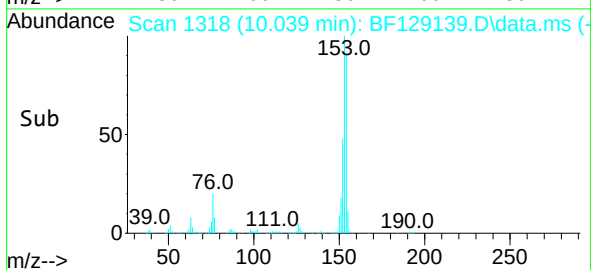
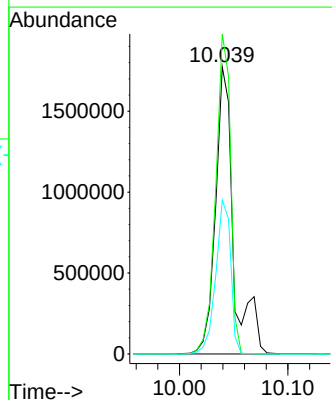
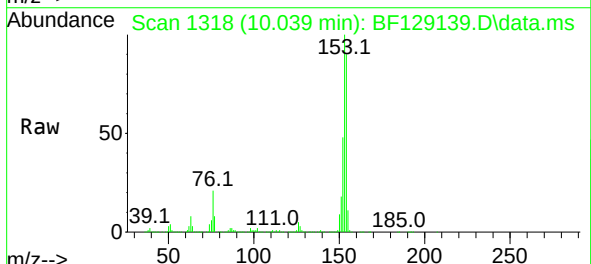
APPROVED

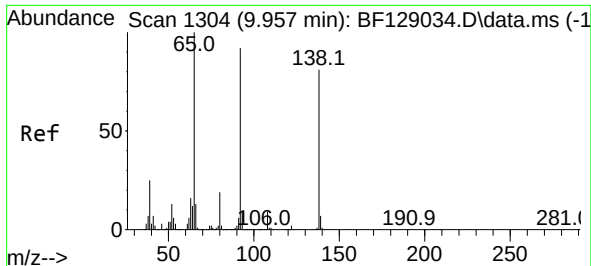
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022



#52
Acenaphthene
Concen: 43.763 ng m
RT: 10.039 min Scan# 1318
Delta R.T. -0.000 min
Lab File: BF129139.D
Acq: 06 Jul 2022 13:06

Tgt Ion:154 Resp: 2054279
Ion Ratio Lower Upper
154 100
153 111.5 89.6 134.4
152 53.6 42.4 63.6





#53
3-Nitroaniline
Concen: 35.251 ng
RT: 9.957 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129139.D
Acq: 06 Jul 2022 13:06

Instrument :

BNA_F

ClientSampleId :

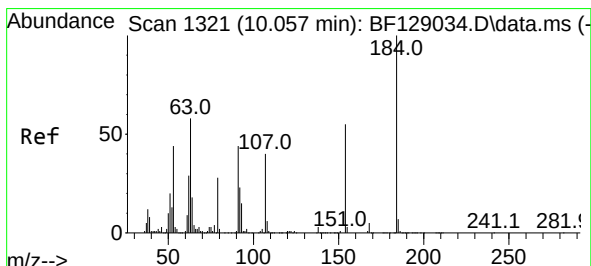
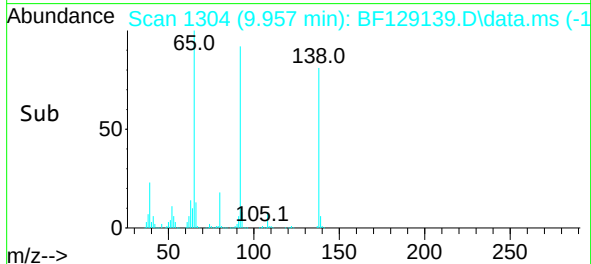
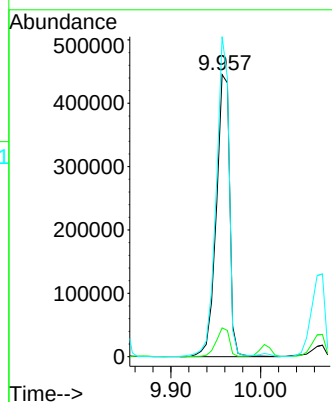
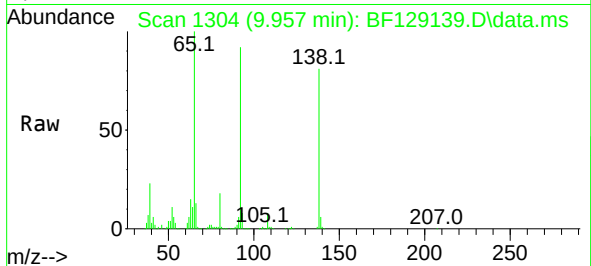
PB146013BS

Tgt Ion:138 Resp: 459068
Ion Ratio Lower Upper
138 100
108 10.2 10.9 16.3#
92 113.5 98.2 147.2

Manual Integrations

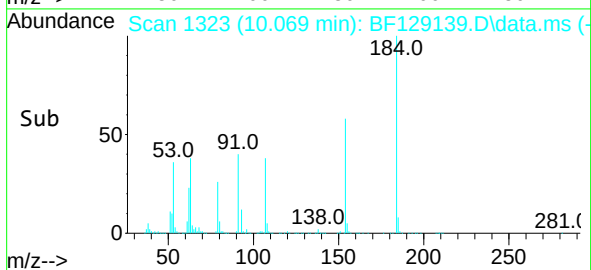
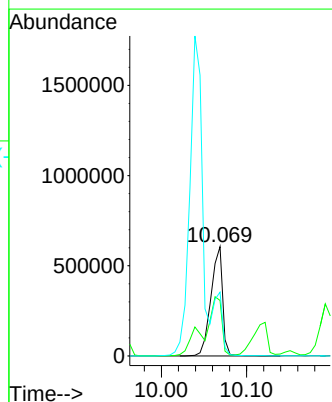
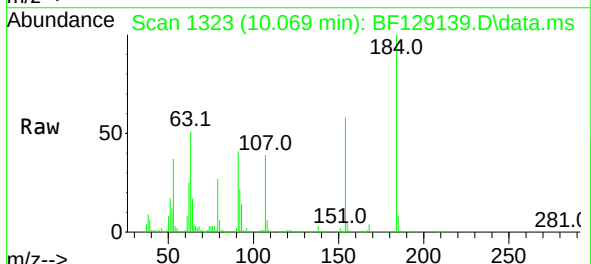
APPROVED

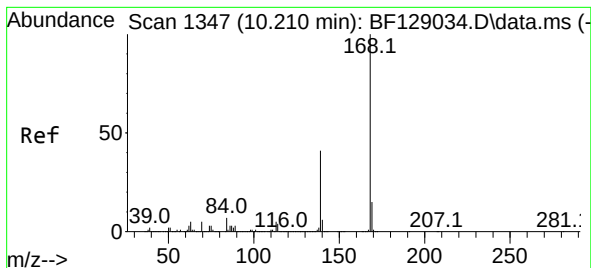
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022



#54
2,4-Dinitrophenol
Concen: 96.317 ng
RT: 10.069 min Scan# 1323
Delta R.T. 0.012 min
Lab File: BF129139.D
Acq: 06 Jul 2022 13:06

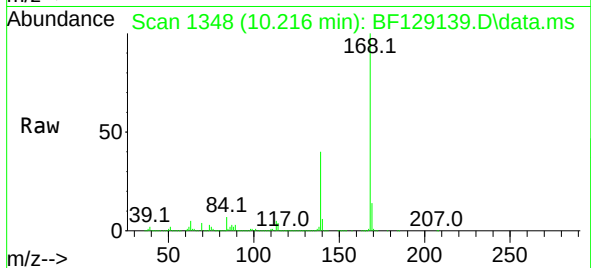
Tgt Ion:184 Resp: 577860
Ion Ratio Lower Upper
184 100
63 50.8 64.5 96.7#
154 58.4 50.6 75.8





#55
Dibenzenofuran
Concen: 37.526 ng
RT: 10.216 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF129139.D
Acq: 06 Jul 2022 13:06

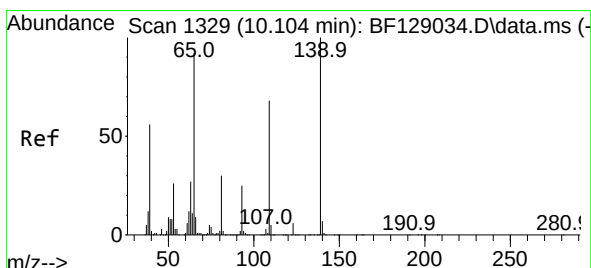
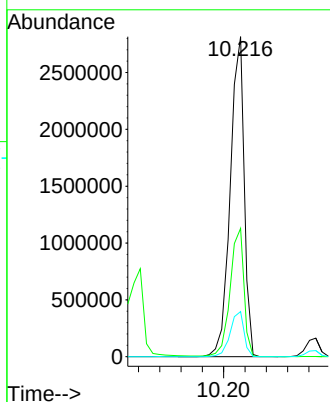
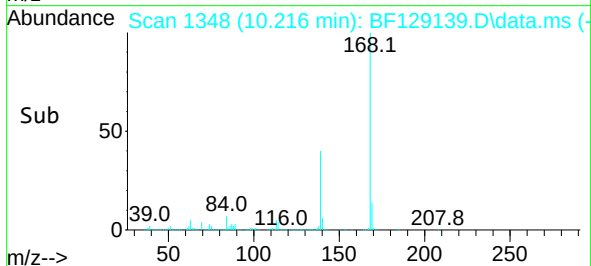
Instrument :
BNA_F
ClientSampleId :
PB146013BS



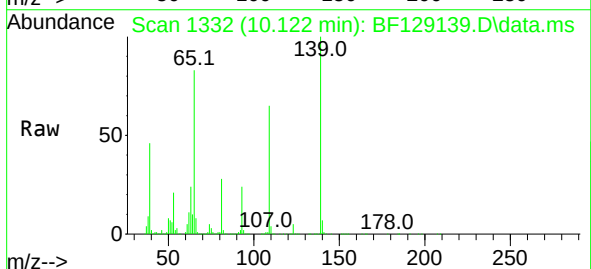
Tgt Ion:168 Resp: 256497
Ion Ratio Lower Upper
168 100
139 40.1 30.6 46.0
169 14.1 11.0 16.6

Manual Integrations
APPROVED

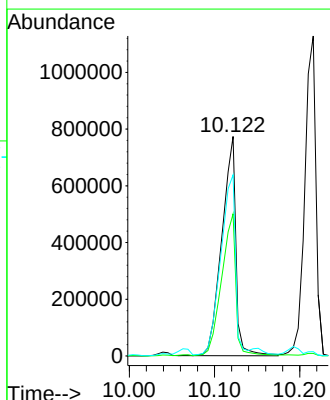
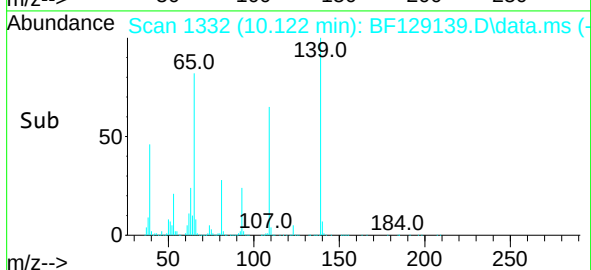
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022

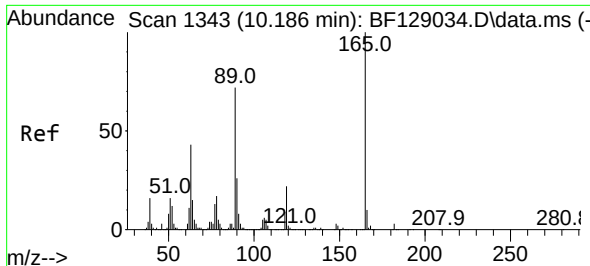


#56
4-Nitrophenol
Concen: 83.858 ng
RT: 10.122 min Scan# 1332
Delta R.T. 0.018 min
Lab File: BF129139.D
Acq: 06 Jul 2022 13:06



Tgt Ion:139 Resp: 892289
Ion Ratio Lower Upper
139 100
109 64.7 50.7 90.7
65 82.5 74.5 114.5





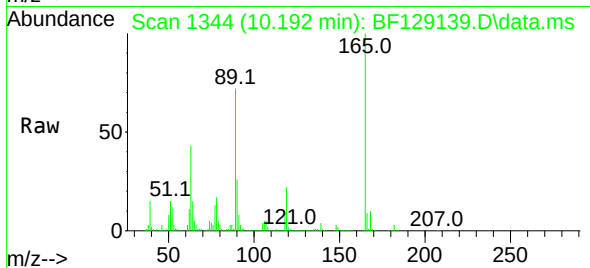
#57
2,4-Dinitrotoluene
Concen: 49.480 ng
RT: 10.192 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF129139.D
Acq: 06 Jul 2022 13:06

Instrument :

BNA_F

ClientSampleId :

PB146013BS

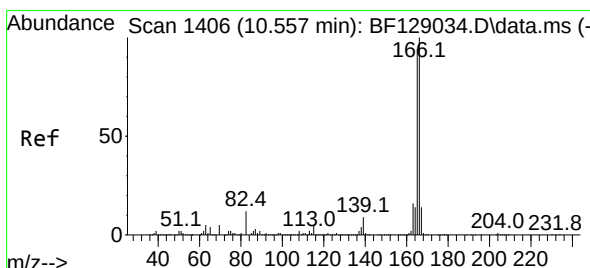
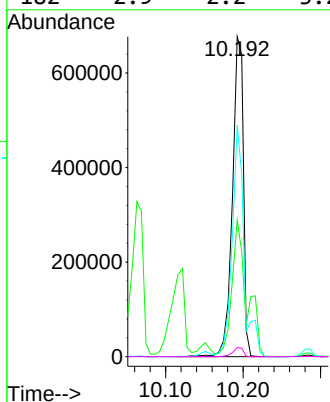
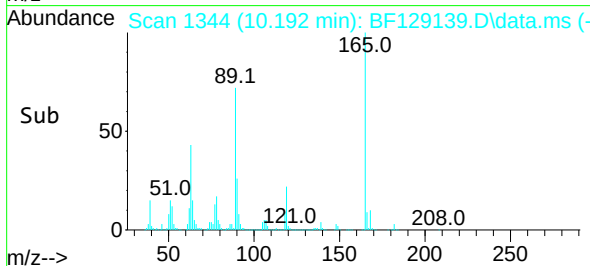


Tgt Ion:165 Resp: 667074
Ion Ratio Lower Upper
165 100
63 42.7 39.8 59.6
89 72.3 60.2 90.2
182 2.9 2.2 3.2

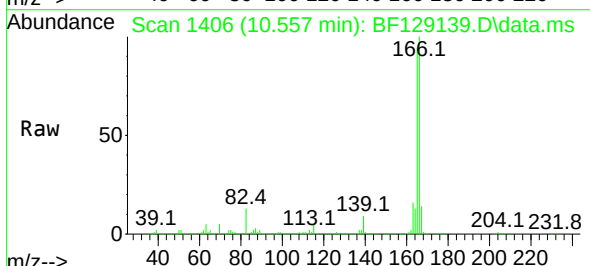
Manual Integrations

APPROVED

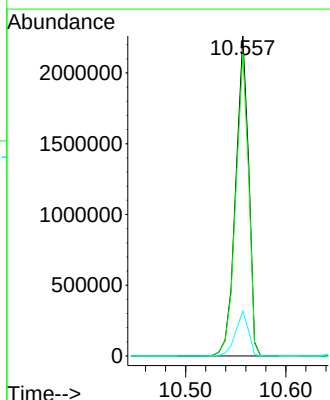
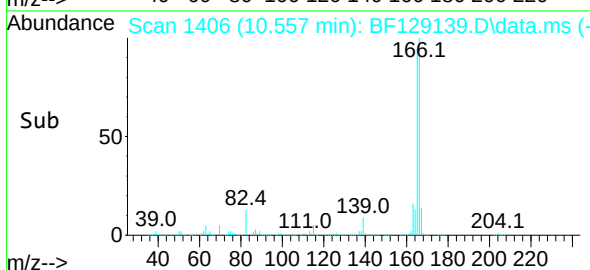
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022

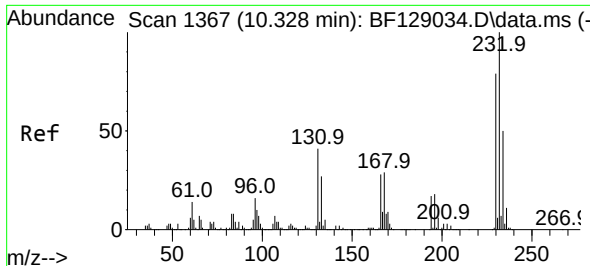


#58
Fluorene
Concen: 38.428 ng
RT: 10.557 min Scan# 1406
Delta R.T. -0.000 min
Lab File: BF129139.D
Acq: 06 Jul 2022 13:06



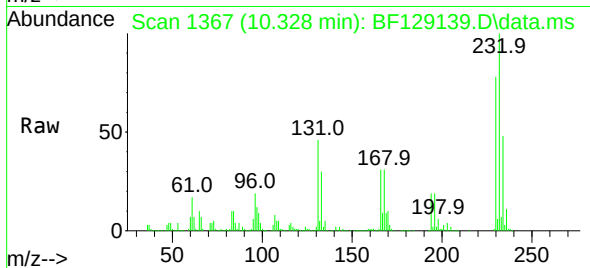
Tgt Ion:166 Resp: 2031740
Ion Ratio Lower Upper
166 100
165 94.4 78.1 117.1
167 13.9 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 39.933 ng
RT: 10.328 min Scan# 1367
Delta R.T. -0.000 min
Lab File: BF129139.D
Acq: 06 Jul 2022 13:06

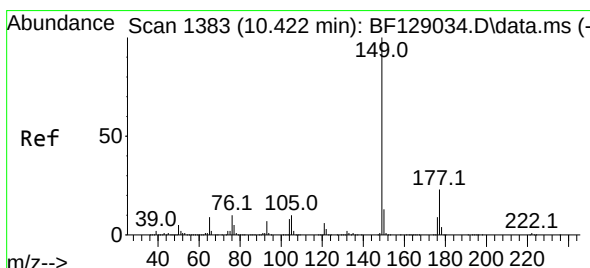
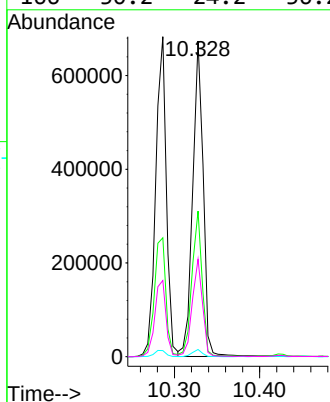
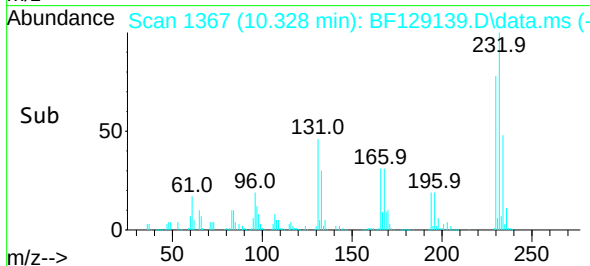
Instrument :
BNA_F
ClientSampleId :
PB146013BS



Tgt Ion:232 Resp: 575538
Ion Ratio Lower Upper
232 100
131 44.7 36.1 54.1
130 2.2 1.8 2.8
166 30.2 24.2 36.2

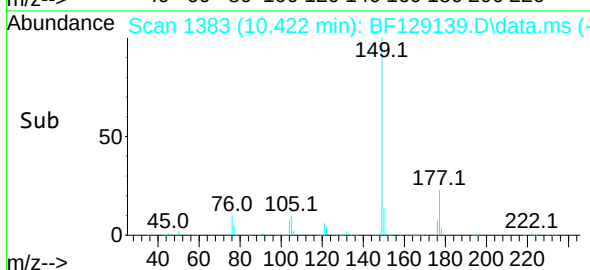
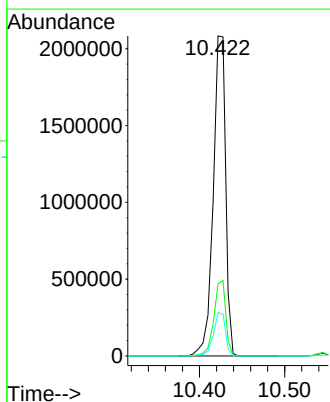
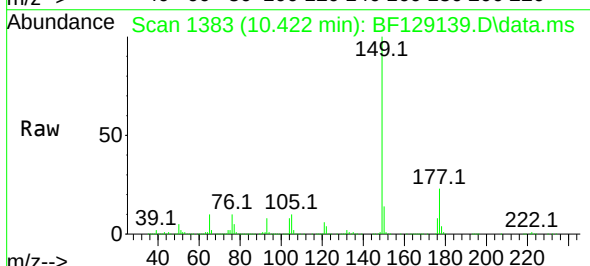
Manual Integrations
APPROVED

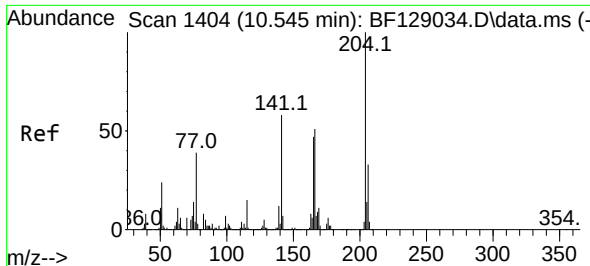
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022



#60
Diethylphthalate
Concen: 39.524 ng
RT: 10.422 min Scan# 1383
Delta R.T. -0.000 min
Lab File: BF129139.D
Acq: 06 Jul 2022 13:06

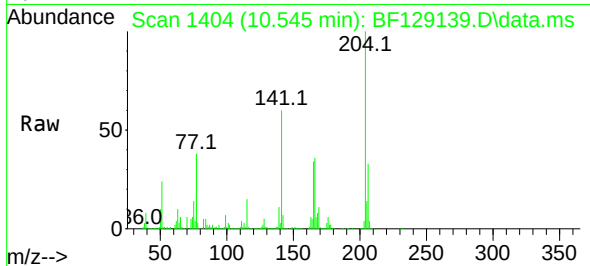
Tgt Ion:149 Resp: 2116531
Ion Ratio Lower Upper
149 100
177 22.6 17.3 25.9
150 13.5 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 38.677 ng
RT: 10.545 min Scan# 1404
Delta R.T. -0.000 min
Lab File: BF129139.D
Acq: 06 Jul 2022 13:06

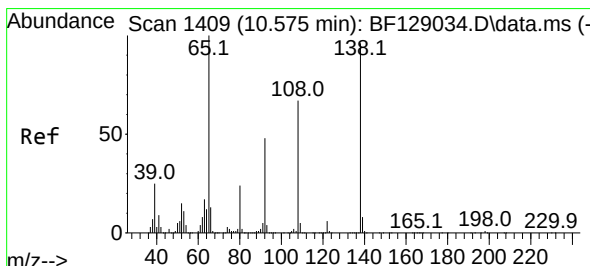
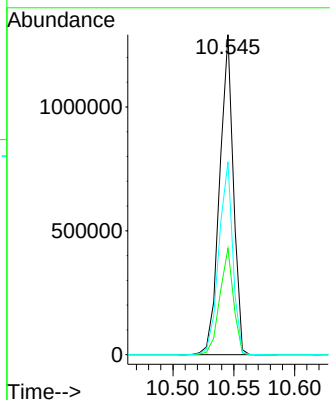
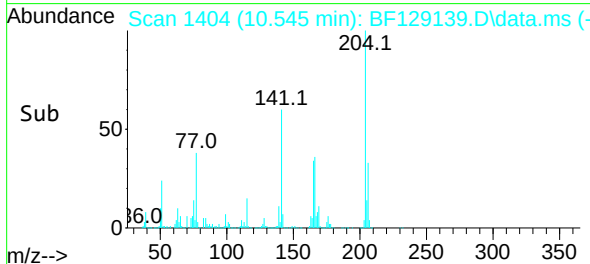
Instrument :
BNA_F
ClientSampleId :
PB146013BS



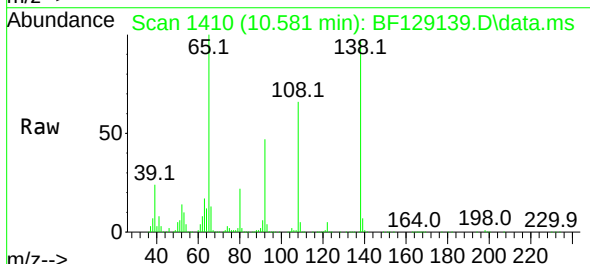
Tgt Ion:204 Resp: 101884
Ion Ratio Lower Upper
204 100
206 33.3 25.8 38.6
141 60.2 47.0 70.4

Manual Integrations
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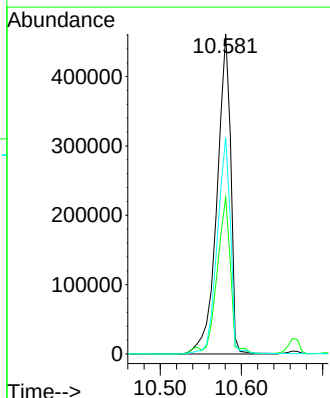
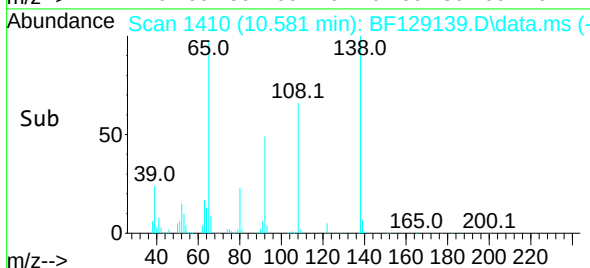
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022

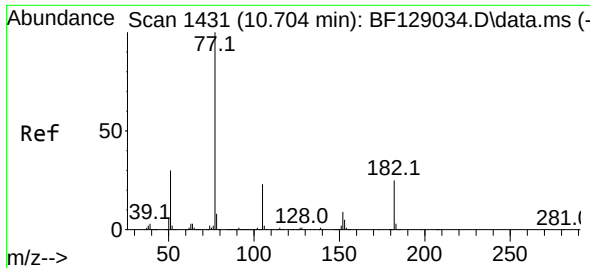


#62
4-Nitroaniline
Concen: 42.093 ng
RT: 10.581 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF129139.D
Acq: 06 Jul 2022 13:06



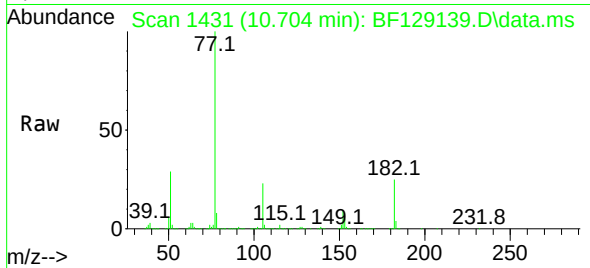
Tgt Ion:138 Resp: 543575
Ion Ratio Lower Upper
138 100
92 48.8 33.5 73.5
108 67.6 61.0 101.0





#63
Azobenzene
Concen: 37.803 ng
RT: 10.704 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BF129139.D
Acq: 06 Jul 2022 13:06

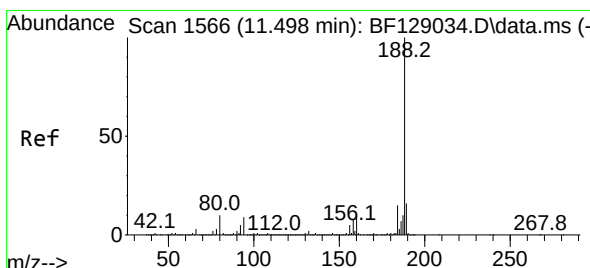
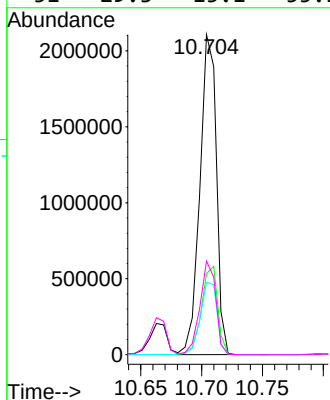
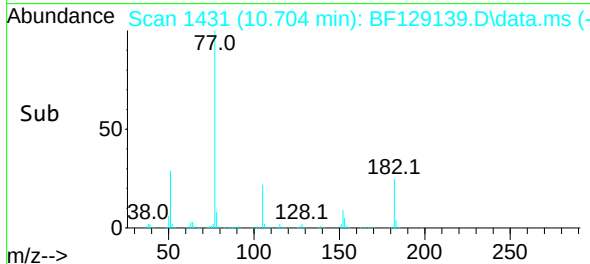
Instrument :
BNA_F
ClientSampleId :
PB146013BS



Tgt Ion: 77 Resp: 1983360
Ion Ratio Lower Upper
77 100
182 25.3 5.6 45.6
105 22.7 1.6 41.6
51 29.3 15.1 55.1

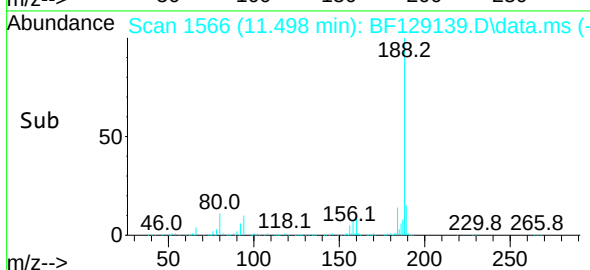
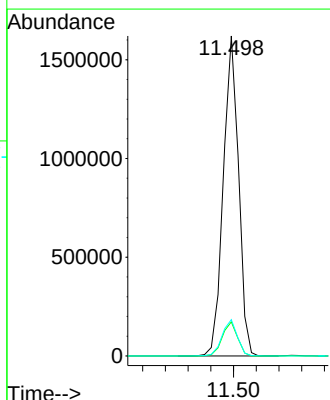
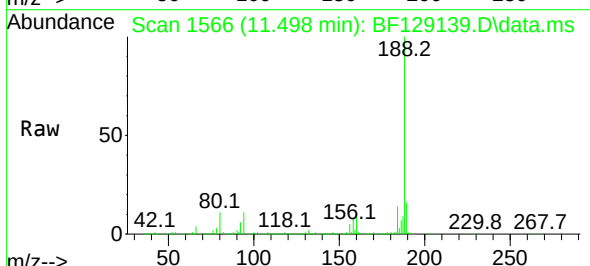
Manual Integrations
APPROVED

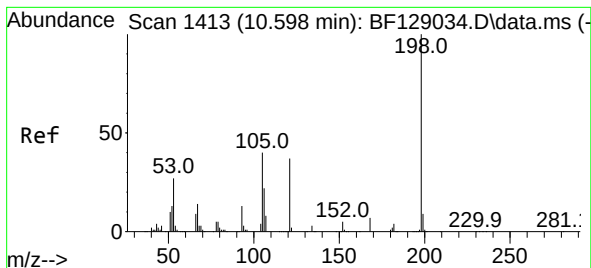
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1566
Delta R.T. 0.000 min
Lab File: BF129139.D
Acq: 06 Jul 2022 13:06

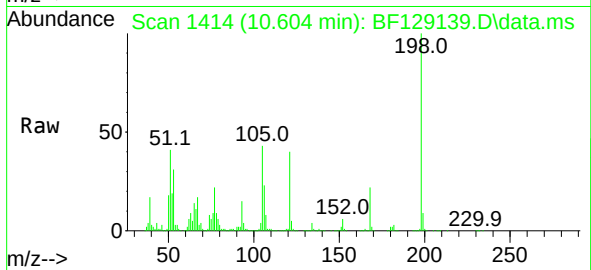
Tgt Ion:188 Resp: 1514635
Ion Ratio Lower Upper
188 100
94 10.7 7.0 10.6#
80 11.3 7.6 11.4





#65
4,6-Dinitro-2-methylphenol
Concen: 51.081 ng
RT: 10.604 min Scan# 1413
Delta R.T. 0.006 min
Lab File: BF129139.D
Acq: 06 Jul 2022 13:06

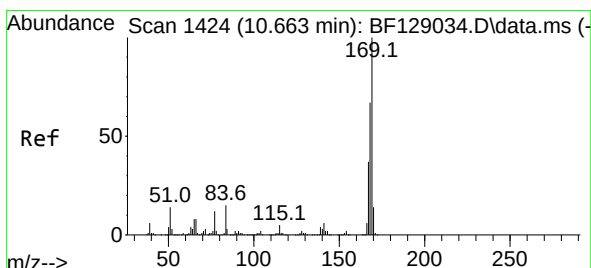
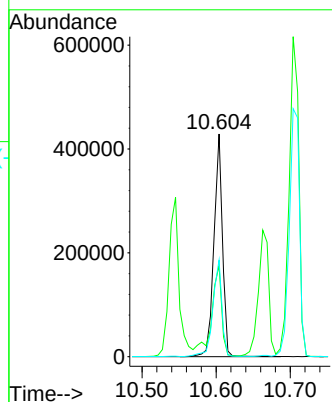
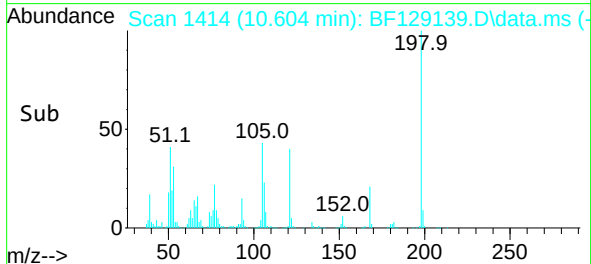
Instrument :
BNA_F
ClientSampleId :
PB146013BS



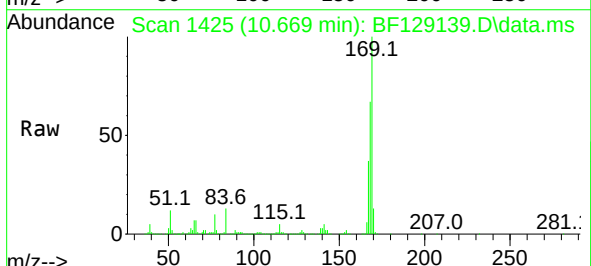
Tgt Ion:198 Resp: 342291
Ion Ratio Lower Upper
198 100
51 40.9 37.6 77.6
105 43.4 27.0 67.0

Manual Integrations
APPROVED

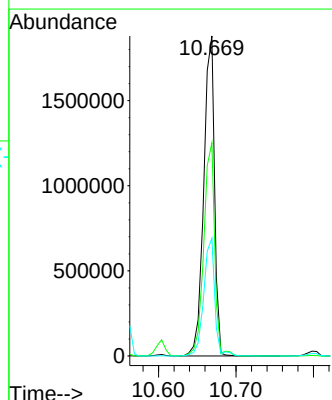
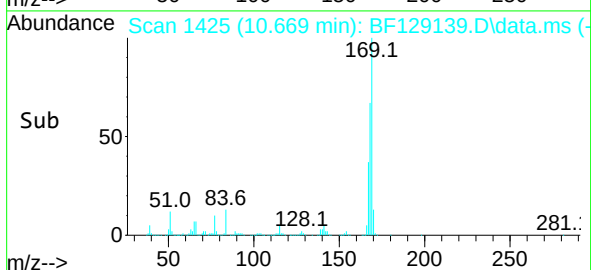
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022

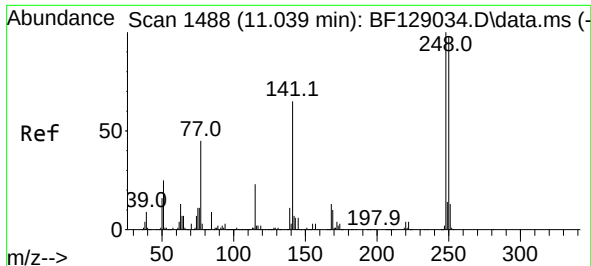


#66
n-Nitrosodiphenylamine
Concen: 39.397 ng
RT: 10.669 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF129139.D
Acq: 06 Jul 2022 13:06



Tgt Ion:169 Resp: 1812289
Ion Ratio Lower Upper
169 100
168 66.6 50.1 75.1
167 36.8 27.9 41.9





#67
4-Bromophenyl-phenylether
Concen: 40.472 ng
RT: 11.039 min Scan# 1488
Delta R.T. -0.000 min
Lab File: BF129139.D
Acq: 06 Jul 2022 13:06

Instrument :

BNA_F

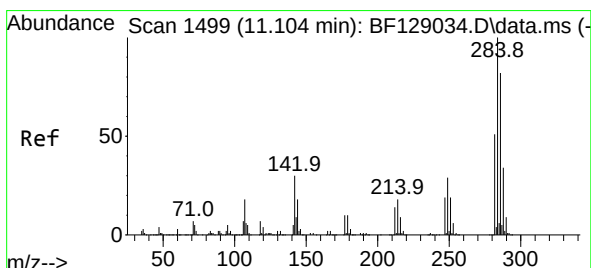
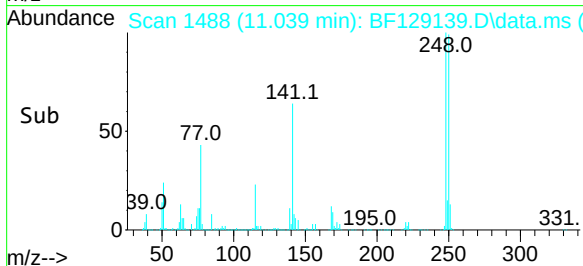
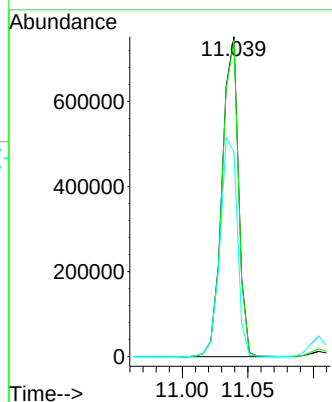
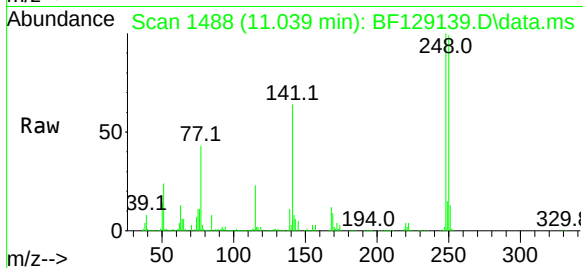
ClientSampleId :

PB146013BS

Tgt Ion:248 Resp: 652072
Ion Ratio Lower Upper
248 100
250 98.8 80.6 120.8
141 64.0 58.9 88.3

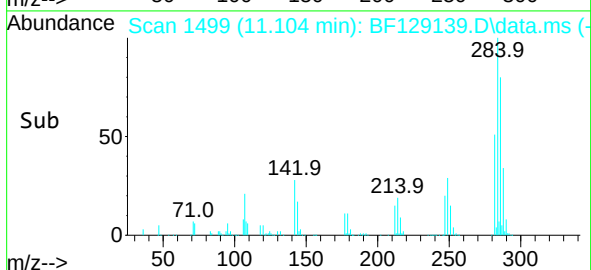
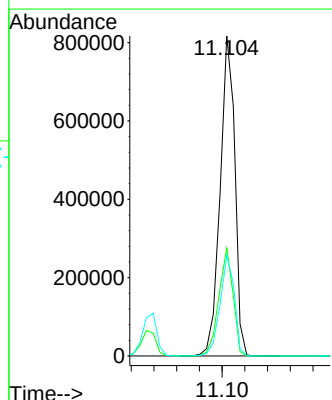
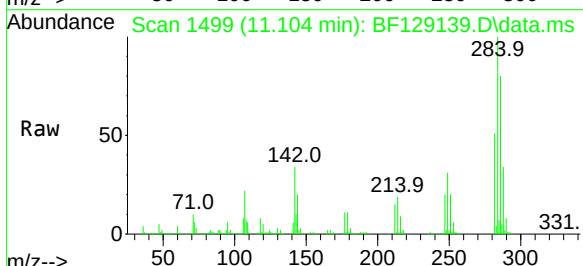
Manual Integrations
APPROVED

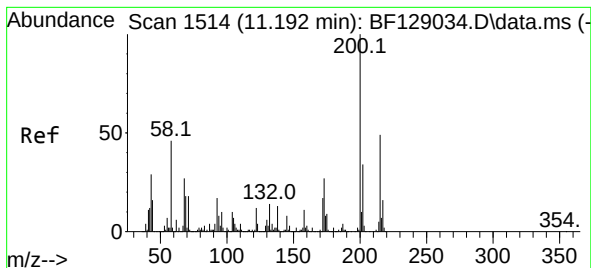
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022



#68
Hexachlorobenzene
Concen: 41.006 ng
RT: 11.104 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF129139.D
Acq: 06 Jul 2022 13:06

Tgt Ion:284 Resp: 735674
Ion Ratio Lower Upper
284 100
142 33.7 29.0 43.4
249 31.3 25.0 37.6





#69

Atrazine

Concen: 44.733 ng

RT: 11.192 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF129139.D

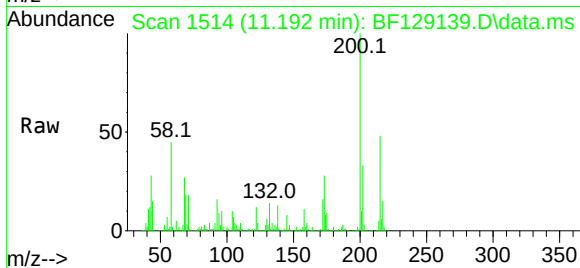
Acq: 06 Jul 2022 13:06

Instrument :

BNA_F

ClientSampleId :

PB146013BS



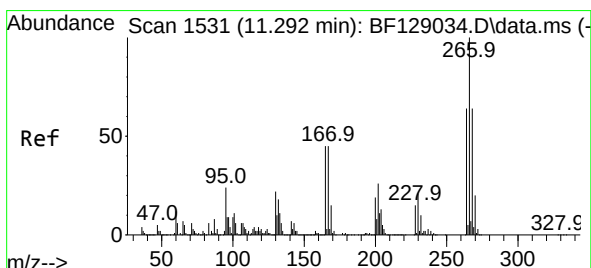
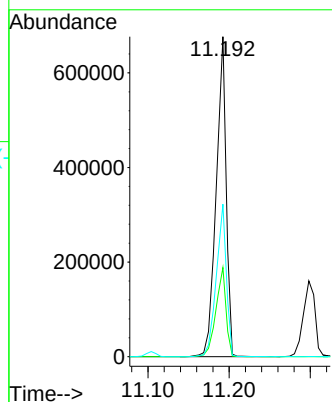
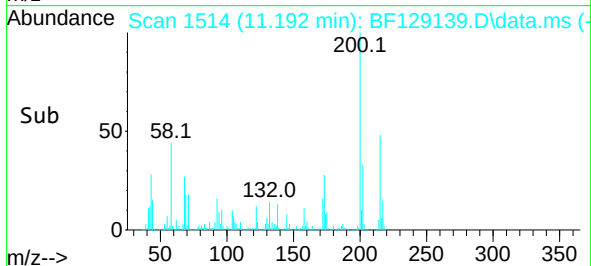
Tgt Ion:	200	Resp:	57903
Ion Ratio	Lower	Upper	
200	100		
173	27.9	6.3	46.3
215	47.7	28.3	68.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/07/2022

Supervised By :Jagrut Upadhyay 07/07/2022



#70

Pentachlorophenol

Concen: 83.568 ng

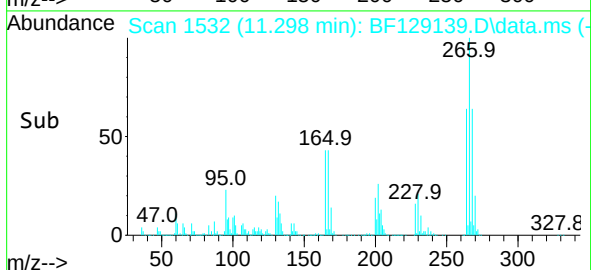
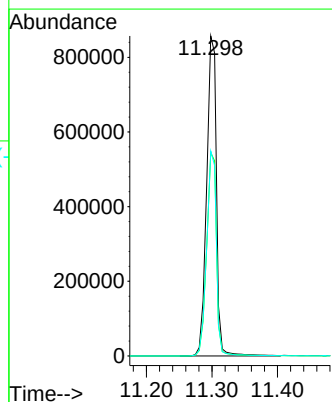
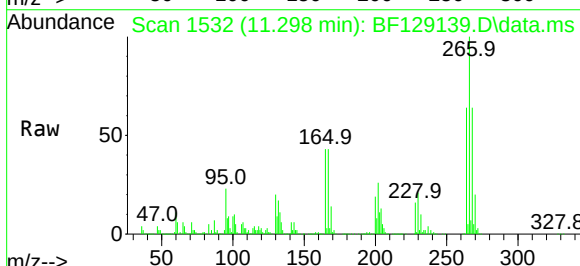
RT: 11.298 min Scan# 1532

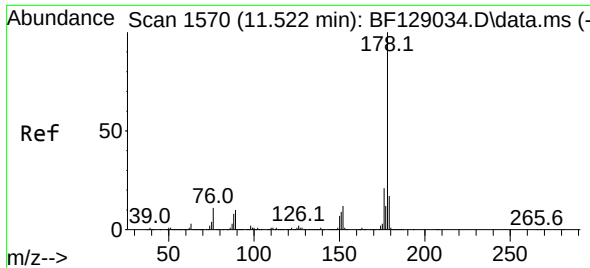
Delta R.T. 0.006 min

Lab File: BF129139.D

Acq: 06 Jul 2022 13:06

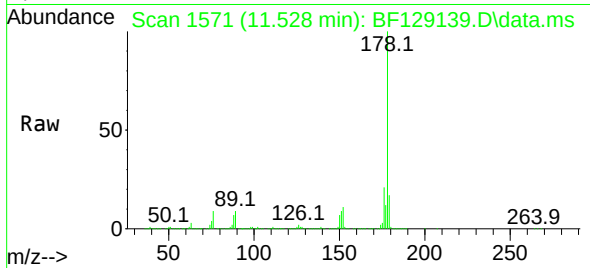
Tgt Ion:	266	Resp:	892996
Ion Ratio	Lower	Upper	
266	100		
268	63.5	51.0	76.4
264	64.0	49.4	74.2





#71
Phenanthrene
Concen: 38.577 ng
RT: 11.528 min Scan# 1570
Delta R.T. 0.006 min
Lab File: BF129139.D
Acq: 06 Jul 2022 13:06

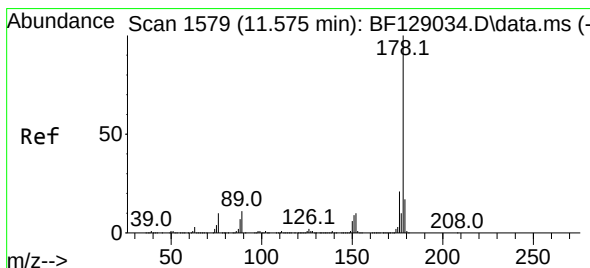
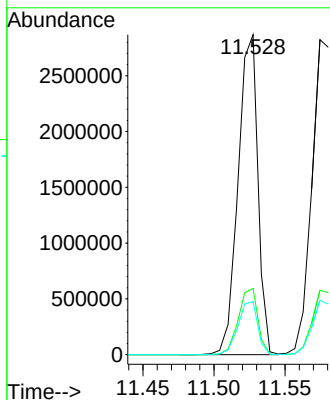
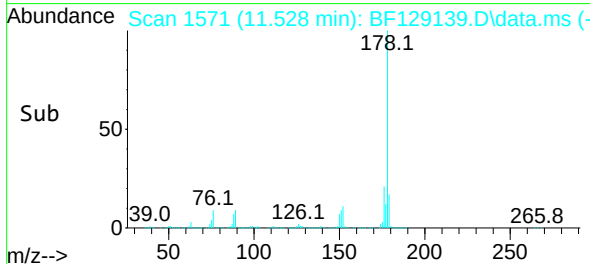
Instrument :
BNA_F
ClientSampleId :
PB146013BS



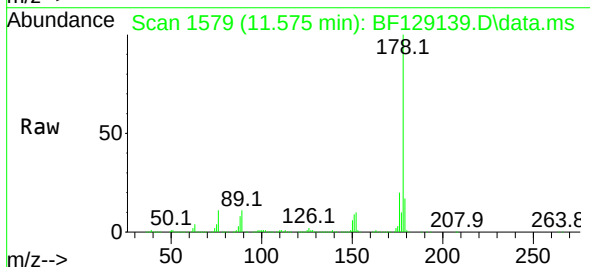
Tgt Ion:178 Resp: 279175
Ion Ratio Lower Upper
178 100
176 20.7 16.0 24.0
179 16.6 12.6 19.0

Manual Integrations
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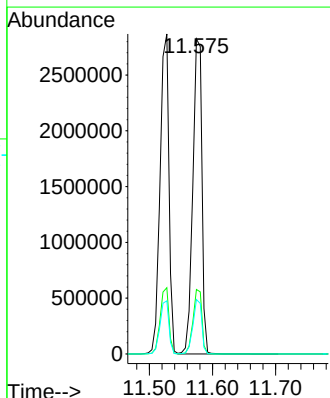
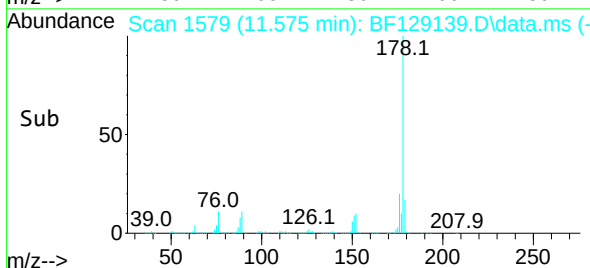
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022

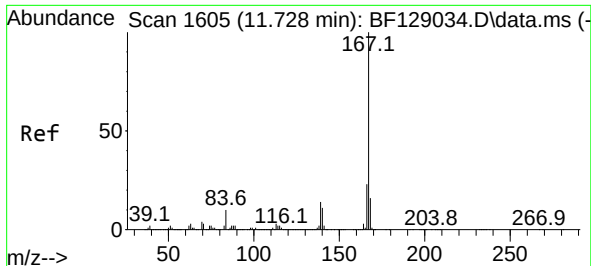


#72
Anthracene
Concen: 39.371 ng
RT: 11.575 min Scan# 1579
Delta R.T. -0.000 min
Lab File: BF129139.D
Acq: 06 Jul 2022 13:06



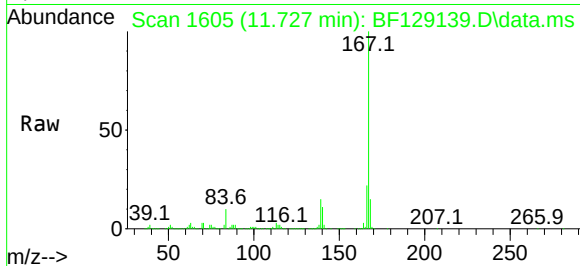
Tgt Ion:178 Resp: 2809136
Ion Ratio Lower Upper
178 100
176 20.5 15.4 23.2
179 17.3 12.6 19.0





#73
 Carbazole
 Concen: 37.667 ng
 RT: 11.727 min Scan# 1605
 Delta R.T. -0.000 min
 Lab File: BF129139.D
 Acq: 06 Jul 2022 13:06

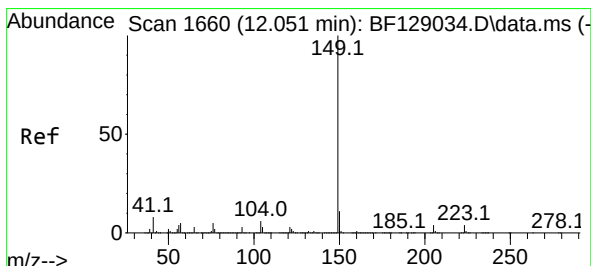
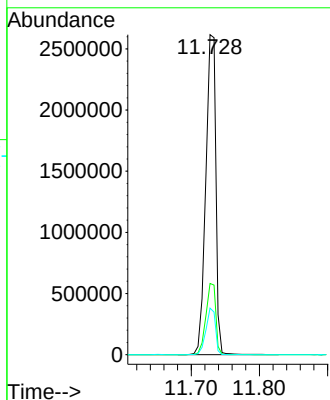
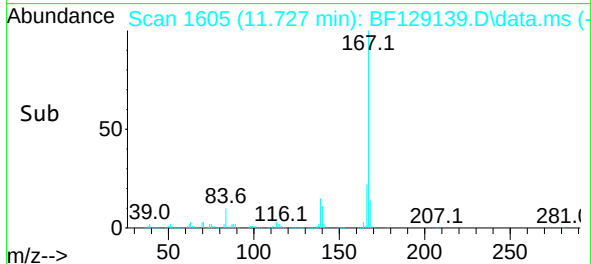
Instrument : BNA_F
 ClientSampleId : PB146013BS



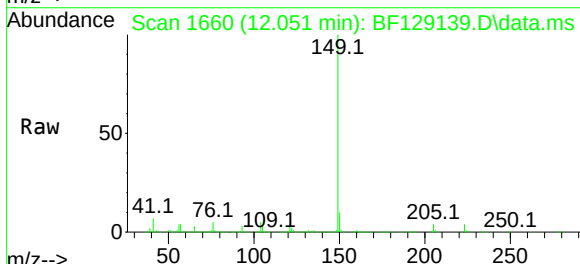
Tgt Ion:167 Resp: 269304
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.7 26.5
 139 14.5 11.2 16.8

Manual Integrations
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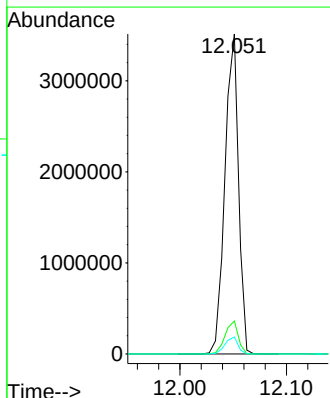
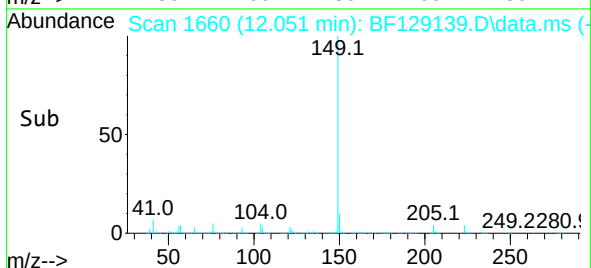
Reviewed By :Christian Giraldo 07/07/2022
 Supervised By :Jagrut Upadhyay 07/07/2022

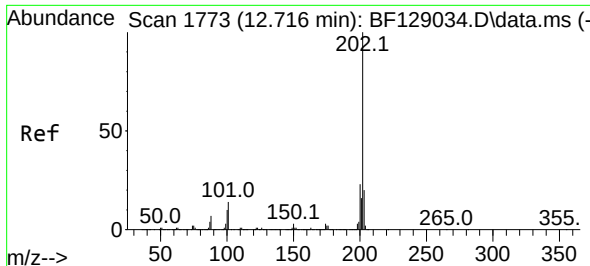


#74
 Di-n-butylphthalate
 Concen: 41.068 ng
 RT: 12.051 min Scan# 1660
 Delta R.T. -0.000 min
 Lab File: BF129139.D
 Acq: 06 Jul 2022 13:06



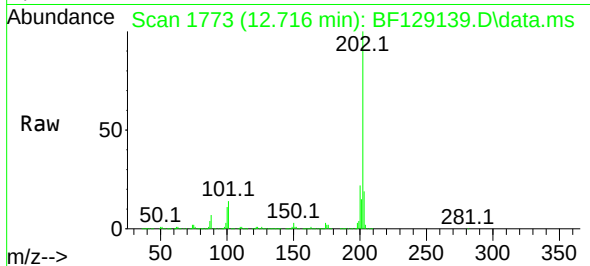
Tgt Ion:149 Resp: 3095865
 Ion Ratio Lower Upper
 149 100
 150 10.3 7.5 11.3
 104 5.3 4.4 6.6





#75
Fluoranthene
Concen: 39.033 ng
RT: 12.716 min Scan# 1773
Delta R.T. -0.000 min
Lab File: BF129139.D
Acq: 06 Jul 2022 13:06

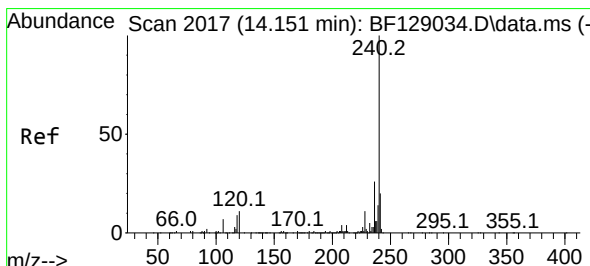
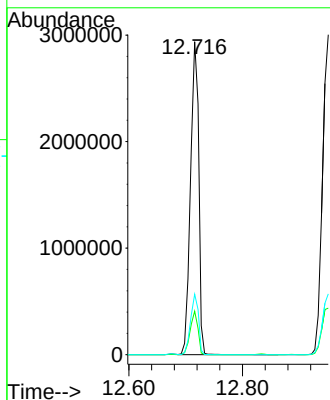
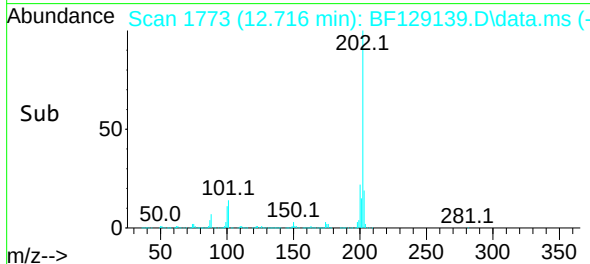
Instrument :
BNA_F
ClientSampleId :
PB146013BS



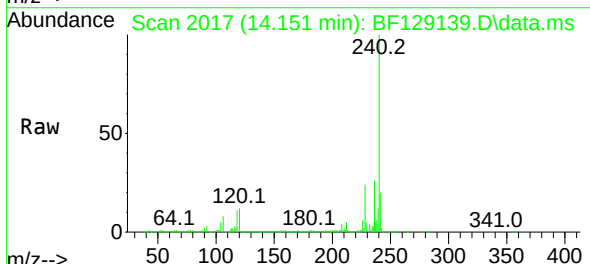
Tgt Ion:202 Resp: 295415
Ion Ratio Lower Upper
202 100
101 13.9 0.0 31.4
203 19.3 0.0 38.0

Manual Integrations
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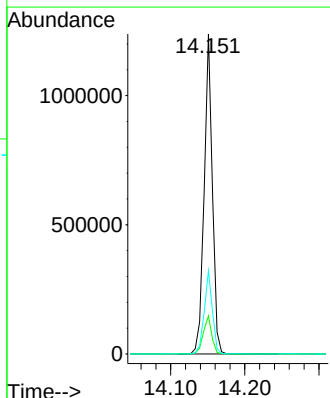
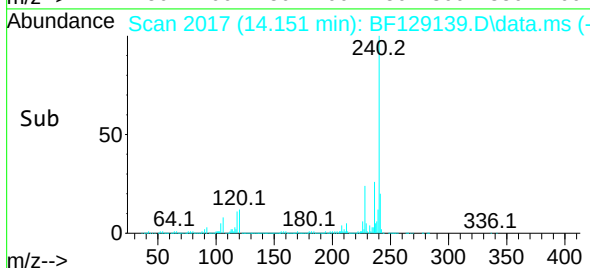
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022

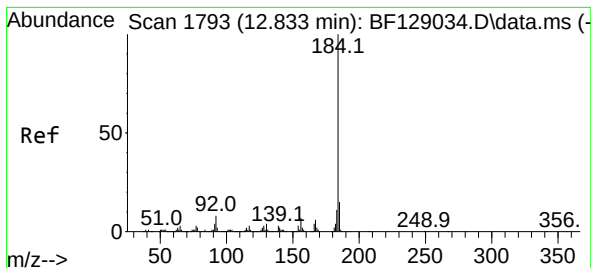


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF129139.D
Acq: 06 Jul 2022 13:06



Tgt Ion:240 Resp: 954341
Ion Ratio Lower Upper
240 100
120 11.9 8.9 13.3
236 26.0 20.8 31.2





#77

Benzidine

Concen: 53.271 ng

RT: 12.833 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF129139.D

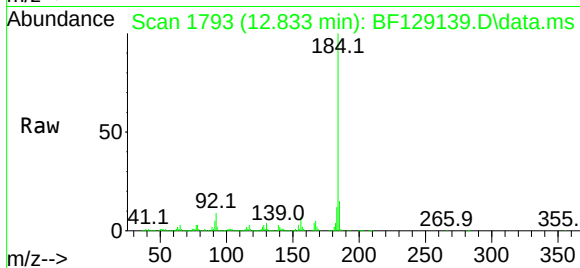
Acq: 06 Jul 2022 13:06

Instrument :

BNA_F

ClientSampleId :

PB146013BS



Tgt Ion:184 Resp: 905252

Ion Ratio Lower Upper

184 100

185 14.8 11.9 17.9

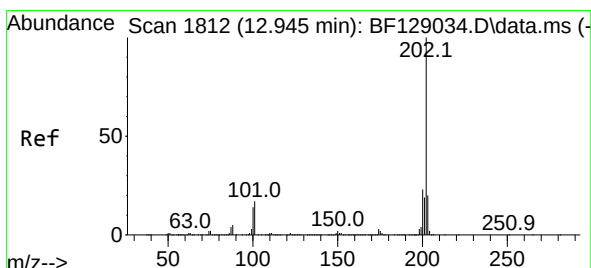
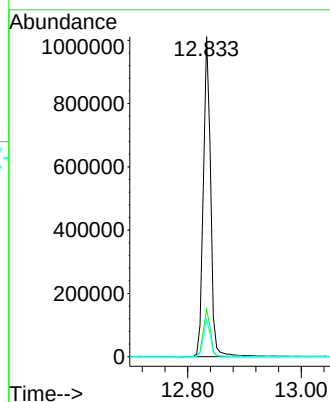
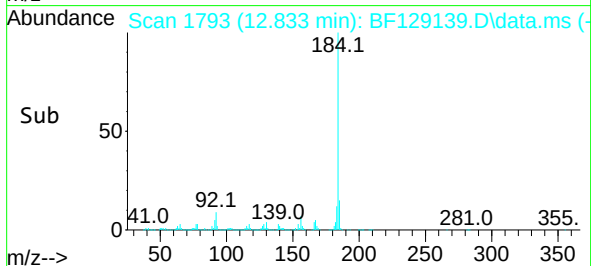
183 11.6 9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/07/2022

Supervised By :Jagrut Upadhyay 07/07/2022



#78

Pyrene

Concen: 44.440 ng

RT: 12.951 min Scan# 1813

Delta R.T. 0.006 min

Lab File: BF129139.D

Acq: 06 Jul 2022 13:06

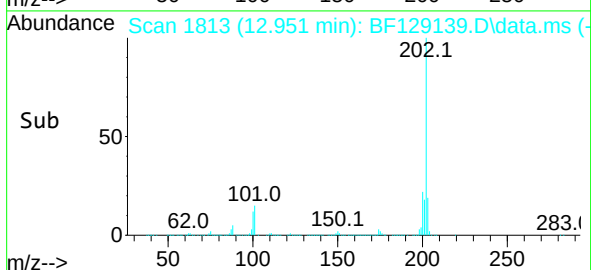
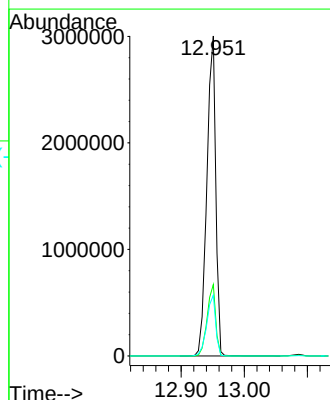
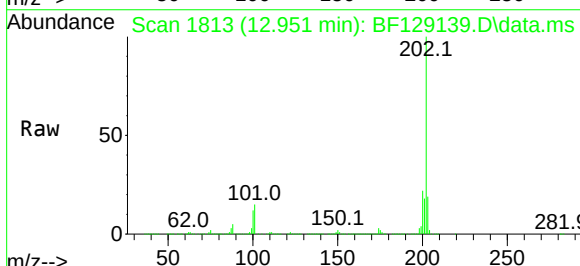
Tgt Ion:202 Resp: 2939736

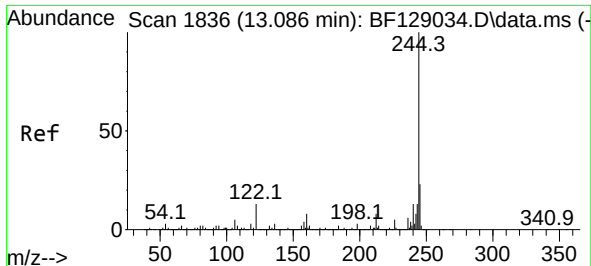
Ion Ratio Lower Upper

202 100

200 22.3 17.7 26.5

203 19.0 14.6 21.8





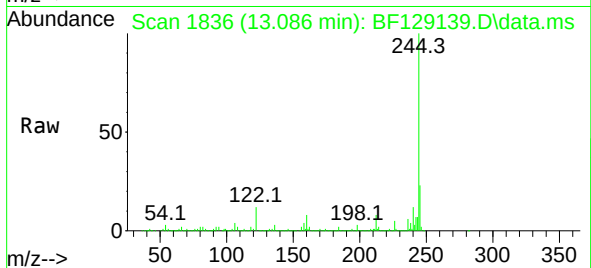
#79
 Terphenyl-d14
 Concen: 86.542 ng
 RT: 13.086 min Scan# 1836
 Delta R.T. -0.000 min
 Lab File: BF129139.D
 Acq: 06 Jul 2022 13:06

Instrument :

BNA_F

ClientSampleId :

PB146013BS

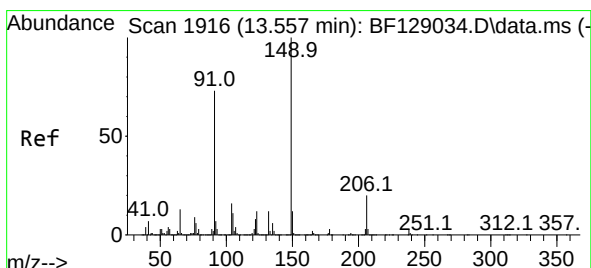
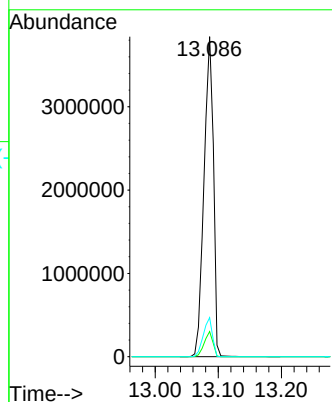
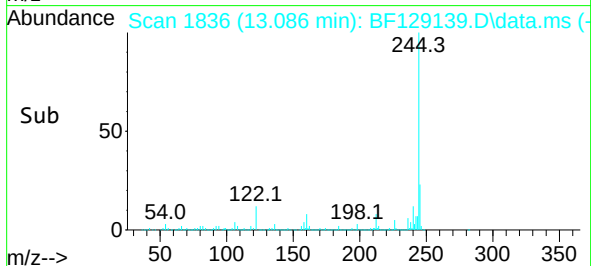


Tgt Ion:244 Resp: 3977124
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.1 9.1
 122 12.2 8.8 13.2

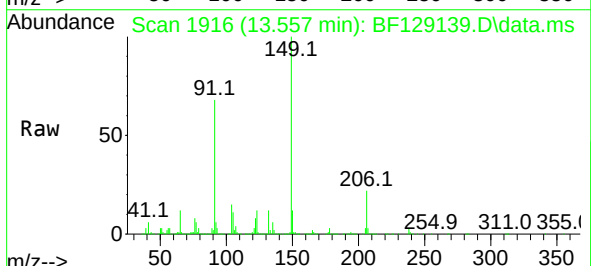
Manual Integrations

APPROVED

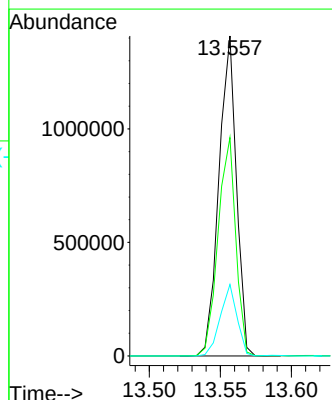
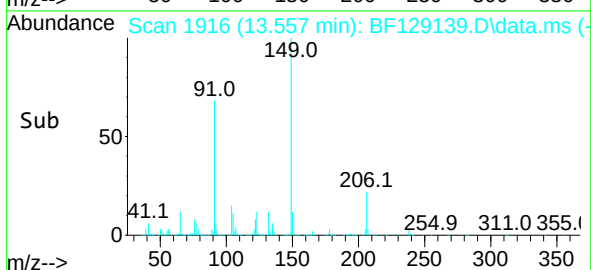
Reviewed By :Christian Giraldo 07/07/2022
 Supervised By :Jagrut Upadhyay 07/07/2022

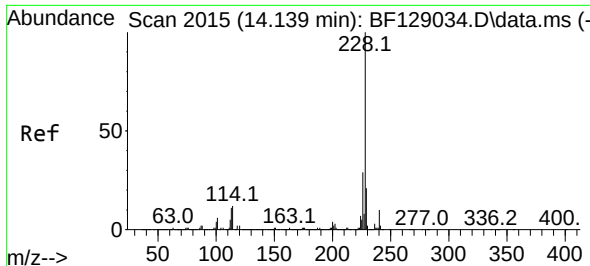


#80
 Butylbenzylphthalate
 Concen: 44.813 ng
 RT: 13.557 min Scan# 1916
 Delta R.T. -0.000 min
 Lab File: BF129139.D
 Acq: 06 Jul 2022 13:06



Tgt Ion:149 Resp: 1207667
 Ion Ratio Lower Upper
 149 100
 91 68.2 61.2 91.8
 206 22.3 15.7 23.5





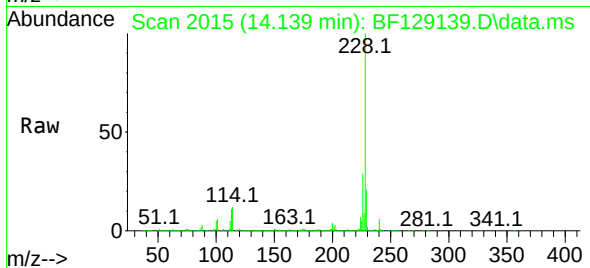
#81
Benzo(a)anthracene
Concen: 41.305 ng
RT: 14.139 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF129139.D
Acq: 06 Jul 2022 13:06

Instrument :

BNA_F

ClientSampleId :

PB146013BS

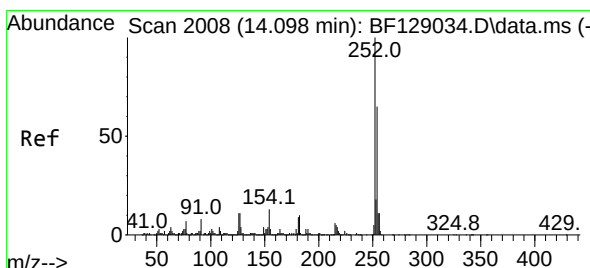
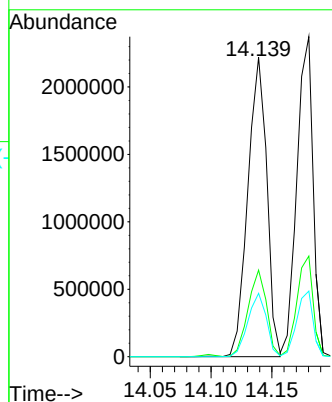
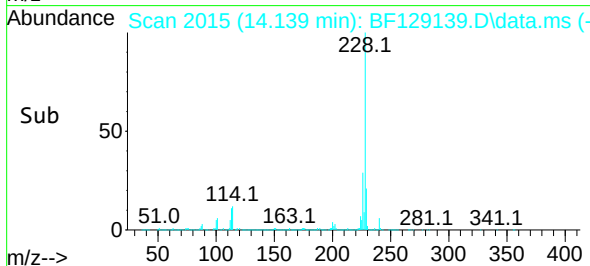


Tgt Ion:228 Resp: 240685
Ion Ratio Lower Upper
228 100
226 28.9 22.1 33.1
229 21.2 15.8 23.8

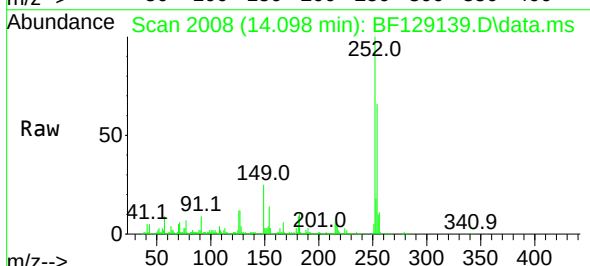
Manual Integrations

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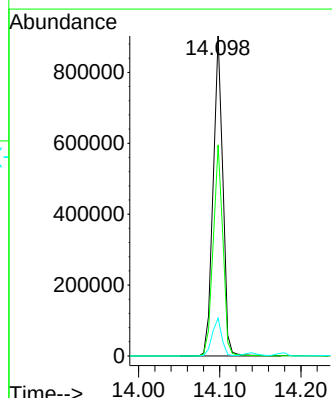
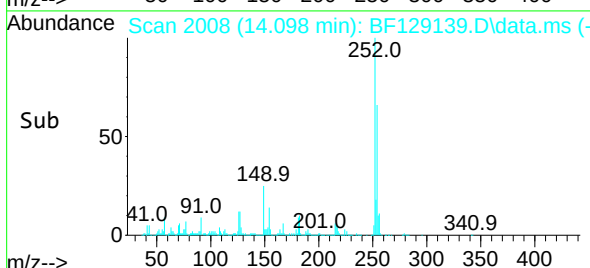
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022

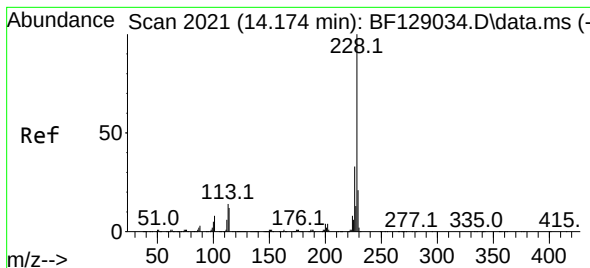


#82
3,3'-Dichlorobenzidine
Concen: 59.289 ng
RT: 14.098 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BF129139.D
Acq: 06 Jul 2022 13:06



Tgt Ion:252 Resp: 746493
Ion Ratio Lower Upper
252 100
254 65.9 50.2 75.4
126 11.8 8.2 12.4





#83

Chrysene

Concen: 40.437 ng

RT: 14.180 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF129139.D

Acq: 06 Jul 2022 13:06

Instrument :

BNA_F

ClientSampleId :

PB146013BS

Tgt Ion:228 Resp: 218749

Ion Ratio Lower Upper

228 100

226 31.5 24.3 36.5

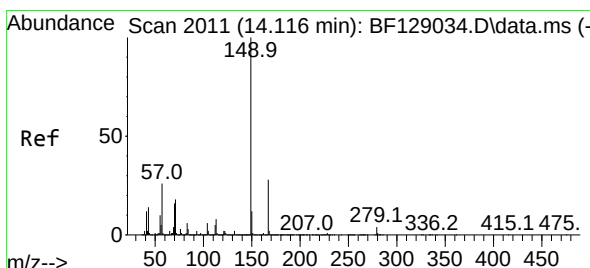
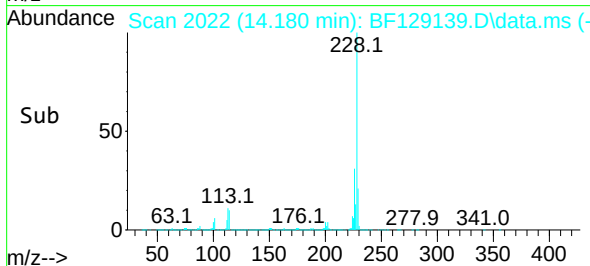
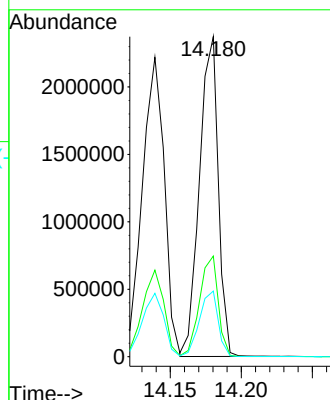
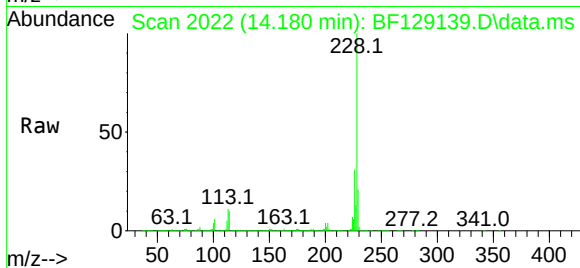
229 20.5 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/07/2022

Supervised By :Jagrut Upadhyay 07/07/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.895 ng

RT: 14.110 min Scan# 2010

Delta R.T. -0.006 min

Lab File: BF129139.D

Acq: 06 Jul 2022 13:06

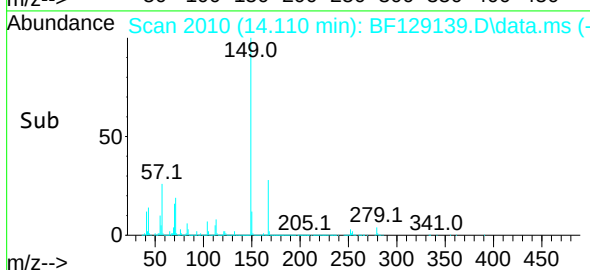
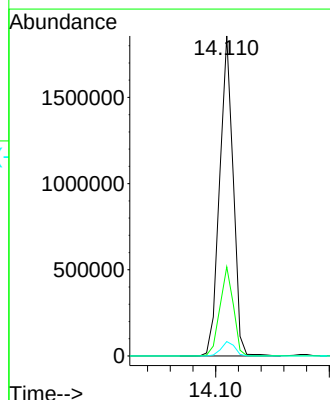
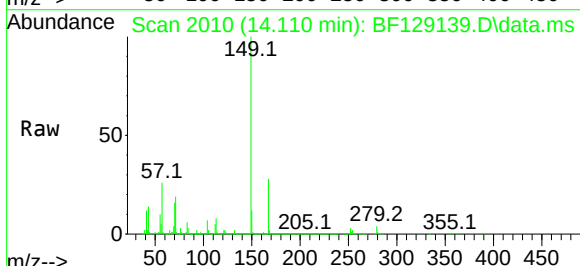
Tgt Ion:149 Resp: 1536293

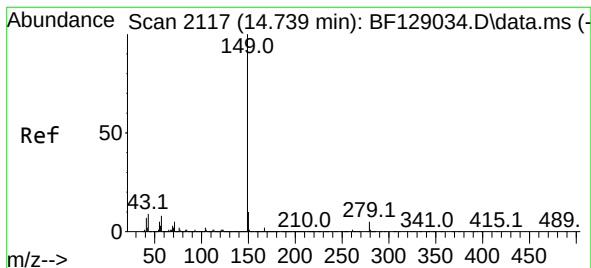
Ion Ratio Lower Upper

149 100

167 27.8 21.0 31.4

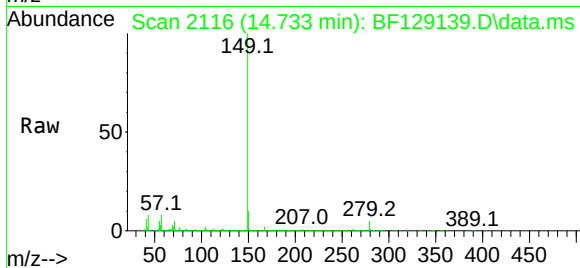
279 4.5 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 43.708 ng
RT: 14.733 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BF129139.D
Acq: 06 Jul 2022 13:06

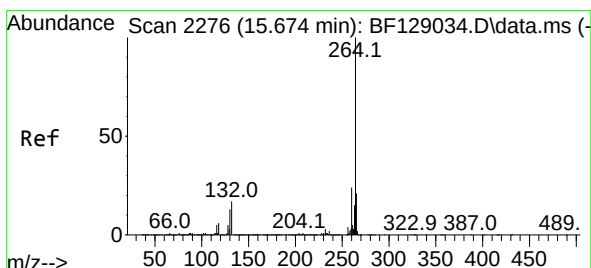
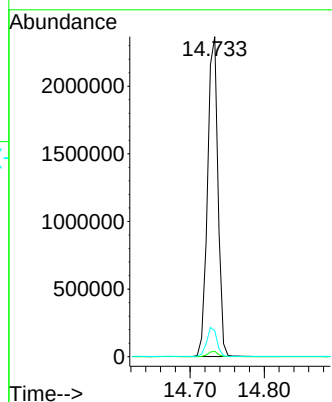
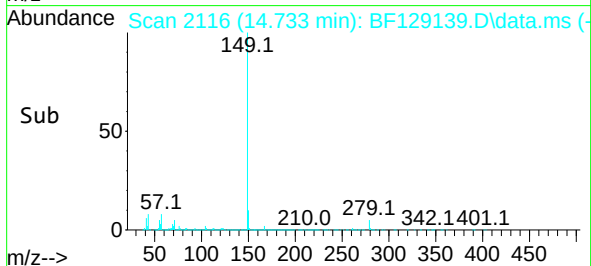
Instrument :
BNA_F
ClientSampleId :
PB146013BS



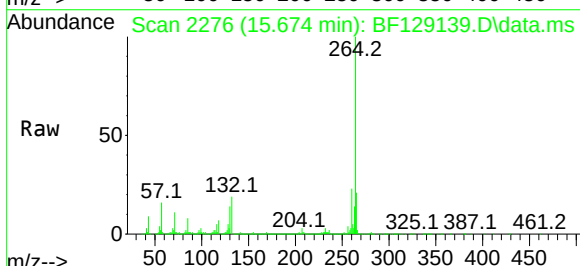
Tgt Ion:149 Resp: 231084
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.9 9.2 13.8

Manual Integrations
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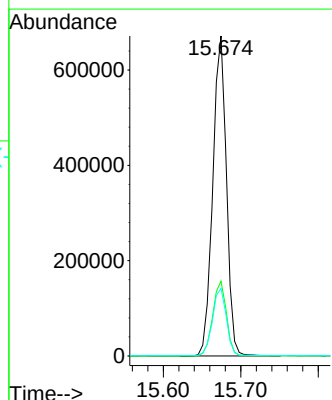
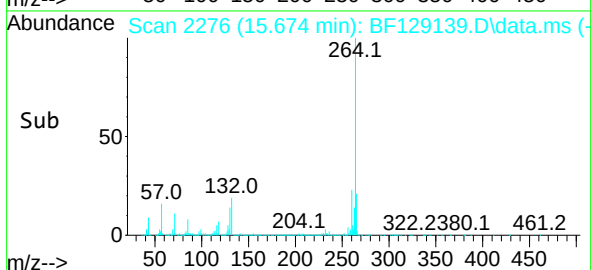
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022

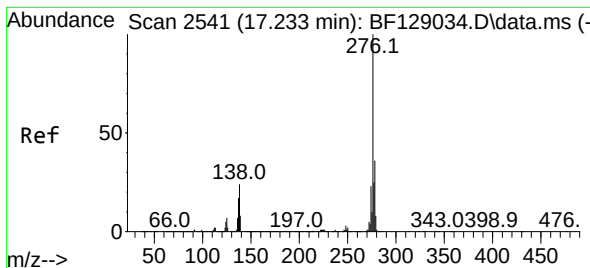


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.674 min Scan# 2276
Delta R.T. -0.000 min
Lab File: BF129139.D
Acq: 06 Jul 2022 13:06



Tgt Ion:264 Resp: 822827
Ion Ratio Lower Upper
264 100
260 23.3 18.4 27.6
265 21.1 17.2 25.8





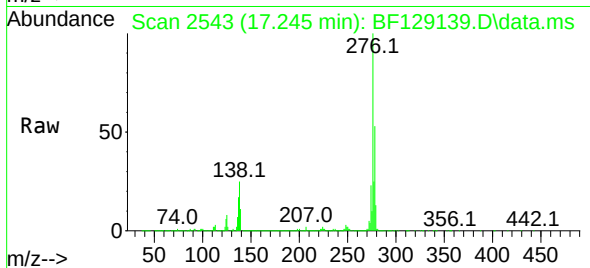
#87
Indeno(1,2,3-cd)pyrene
Concen: 45.700 ng
RT: 17.245 min Scan# 2199
Delta R.T. 0.012 min
Lab File: BF129139.D
Acq: 06 Jul 2022 13:06

Instrument :

BNA_F

ClientSampleId :

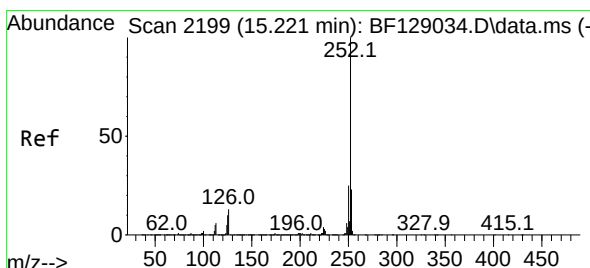
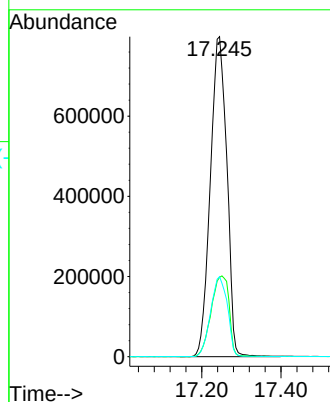
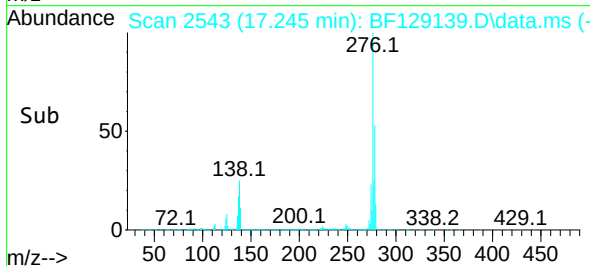
PB146013BS



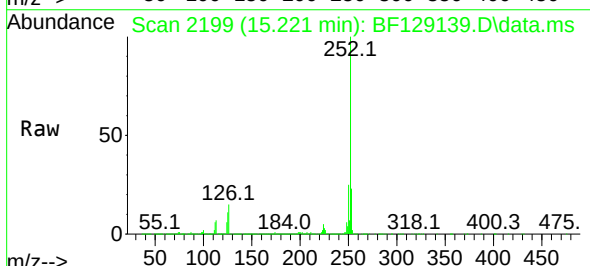
Tgt Ion:276 Resp: 2306299
Ion Ratio Lower Upper
276 100
138 27.5 21.1 31.7
277 25.4 20.3 30.5

Manual Integrations
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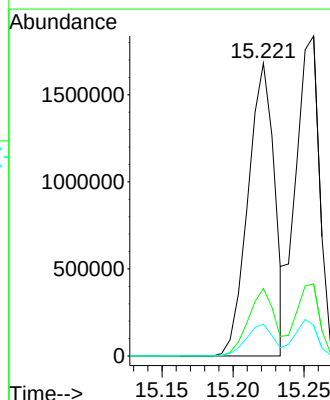
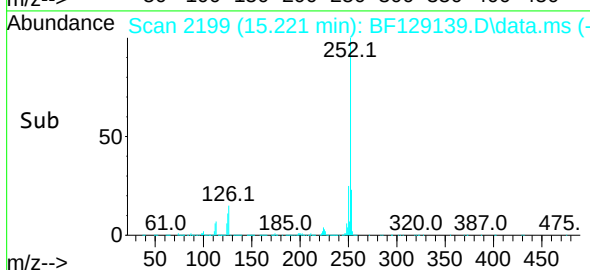
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022

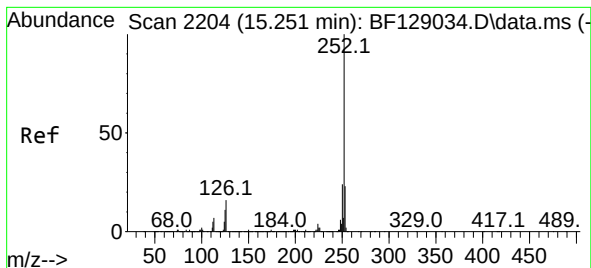


#88
Benzo(b)fluoranthene
Concen: 43.971 ng
RT: 15.221 min Scan# 2199
Delta R.T. -0.000 min
Lab File: BF129139.D
Acq: 06 Jul 2022 13:06



Tgt Ion:252 Resp: 2175893
Ion Ratio Lower Upper
252 100
253 23.0 17.7 26.5
125 10.9 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 44.453 ng

RT: 15.257 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF129139.D

Acq: 06 Jul 2022 13:06

Instrument :

BNA_F

ClientSampleId :

PB146013BS

Tgt Ion:252 Resp: 213355

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.6

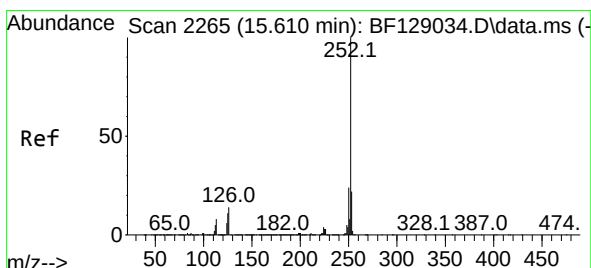
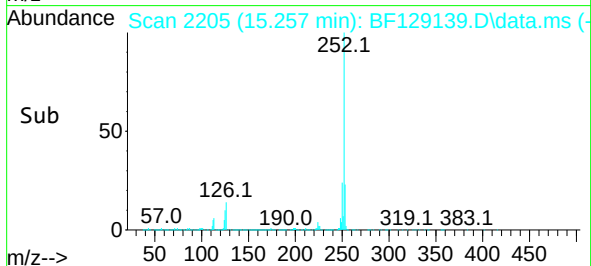
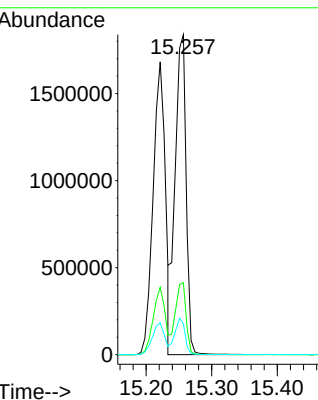
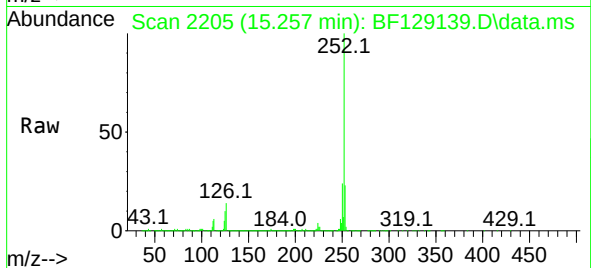
125 9.6 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/07/2022

Supervised By :Jagrut Upadhyay 07/07/2022



#90

Benzo(a)pyrene

Concen: 50.931 ng

RT: 15.610 min Scan# 2265

Delta R.T. -0.000 min

Lab File: BF129139.D

Acq: 06 Jul 2022 13:06

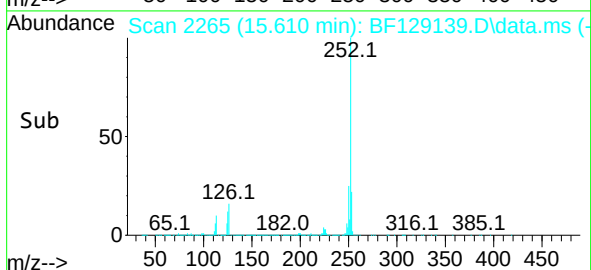
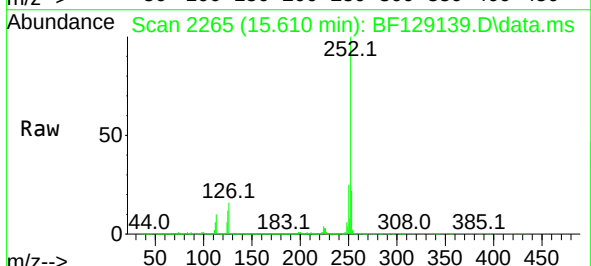
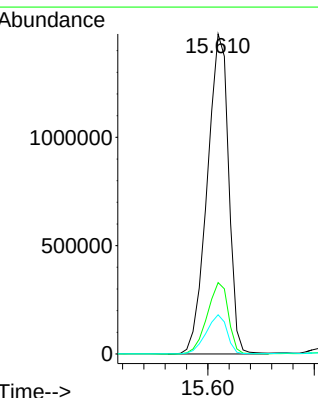
Tgt Ion:252 Resp: 2054568

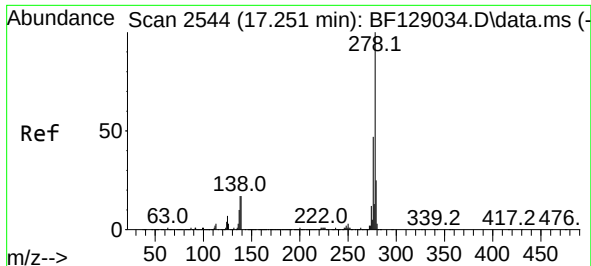
Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.6

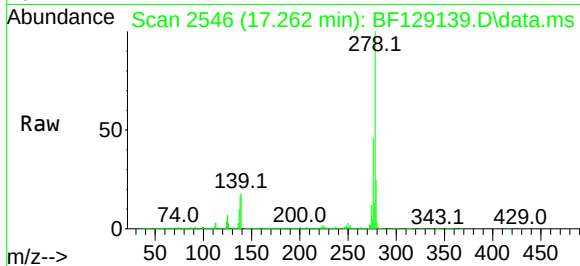
125 12.2 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 48.260 ng
RT: 17.262 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF129139.D
Acq: 06 Jul 2022 13:06

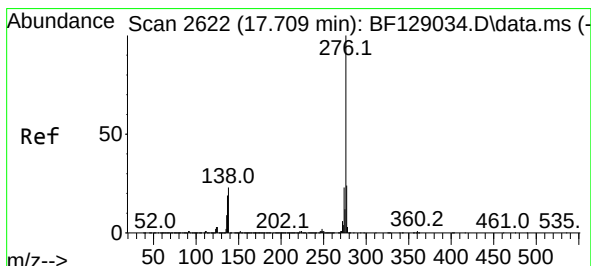
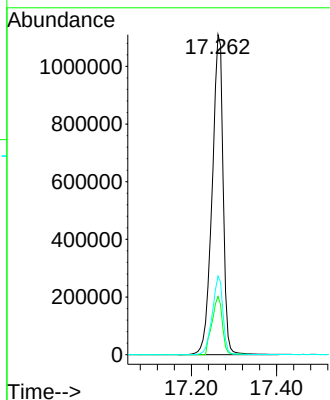
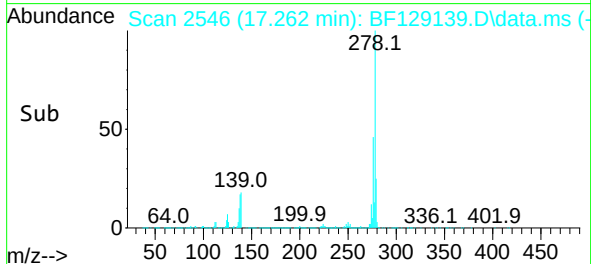
Instrument :
BNA_F
ClientSampleId :
PB146013BS



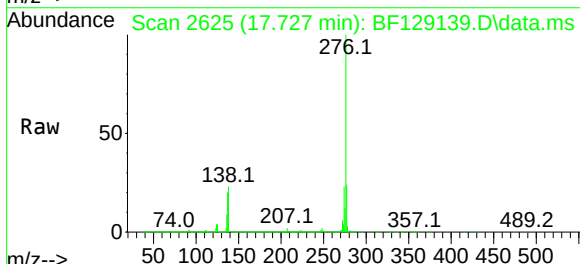
Tgt Ion:278 Resp: 1985400
Ion Ratio Lower Upper
278 100
139 18.2 12.8 19.2
279 24.5 18.6 28.0

Manual Integrations
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Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022



#92
Benzo(g,h,i)perylene
Concen: 49.416 ng
RT: 17.727 min Scan# 2625
Delta R.T. 0.018 min
Lab File: BF129139.D
Acq: 06 Jul 2022 13:06



Tgt Ion:276 Resp: 2039598
Ion Ratio Lower Upper
276 100
277 24.3 19.1 28.7
138 22.8 18.0 27.0

