

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062922\
 Data File : BF129040.D
 Acq On : 29 Jun 2022 17:28
 Operator : CG\JU
 Sample : PB145630BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145630BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/30/2022
 Supervised By : Jagrut Upadhyay 07/01/2022

Quant Time: Jun 29 20:38:51 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	449078	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	1718495	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	889598	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	1581933	20.000	ng	0.00
76) Chrysene-d12	14.151	240	1119719	20.000	ng	0.00
86) Perylene-d12	15.674	264	915317	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	2297362	86.488	ng	0.01
7) Phenol-d6	6.587	99	2811631	85.227	ng	0.00
23) Nitrobenzene-d5	7.528	82	2526961	87.707	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	853708	88.256	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	4410119	79.308	ng	0.00
79) Terphenyl-d14	13.086	244	4726060	87.649	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.946	88	424687	35.861	ng	89
3) Pyridine	3.734	79	1133590	39.196	ng	85
4) n-Nitrosodimethylamine	3.657	42	605993	46.248	ng	84
6) Aniline	6.628	93	1426519	38.664	ng	97
8) 2-Chlorophenol	6.745	128	1315241	47.129	ng	97
9) Benzaldehyde	6.516	77	608291	39.768	ng	99
10) Phenol	6.604	94	1584075	47.392	ng	89
11) bis(2-Chloroethyl)ether	6.692	93	1254272	47.410	ng	94
12) 1,3-Dichlorobenzene	6.904	146	1391445	45.293	ng	95
13) 1,4-Dichlorobenzene	6.975	146	1400354	45.192	ng	100
14) 1,2-Dichlorobenzene	7.128	146	1355930	46.549	ng	99
15) Benzyl Alcohol	7.104	79	1087095	46.846	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.234	45	1732583	45.853	ng	92
17) 2-Methylphenol	7.210	107	1065788	46.932	ng	97
18) Hexachloroethane	7.475	117	512967	47.153	ng	95
19) n-Nitroso-di-n-propyla...	7.381	70	900095	47.165	ng	88
20) 3+4-Methylphenols	7.363	107	1308049	45.295	ng	94
22) Acetophenone	7.375	105	1760194	44.650	ng	# 93
24) Nitrobenzene	7.545	77	1318209	47.287	ng	94
25) Isophorone	7.792	82	2415569	49.609	ng	96
26) 2-Nitrophenol	7.857	139	663865	51.240	ng	90
27) 2,4-Dimethylphenol	7.892	122	1220104	52.163	ng	96
28) bis(2-Chloroethoxy)met...	7.992	93	1517626	45.383	ng	99
29) 2,4-Dichlorophenol	8.098	162	1081600	45.336	ng	97
30) 1,2,4-Trichlorobenzene	8.181	180	1149868	43.799	ng	97
31) Naphthalene	8.269	128	3529336	45.239	ng	97
32) Benzoic acid	8.016	122	867886	46.247	ng	95
33) 4-Chloroaniline	8.310	127	716166	22.782	ng	97
34) Hexachlorobutadiene	8.381	225	685567	43.733	ng	100
35) Caprolactam	8.710	113	335771m	44.383	ng	
36) 4-Chloro-3-methylphenol	8.792	107	1112674	45.903	ng	92
37) 2-Methylnaphthalene	8.957	142	2389483	45.518	ng	100
38) 1-Methylnaphthalene	9.057	142	2294554	45.009	ng	99
40) 1,2,4,5-Tetrachloroben...	9.122	216	1101020	44.032	ng	99
41) Hexachlorocyclopentadiene	9.110	237	1421773	107.718	ng	99
43) 2,4,6-Trichlorophenol	9.234	196	794350	46.639	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	802912	44.319	ng	97
46) 1,1'-Biphenyl	9.422	154	2864524	44.789	ng	96
47) 2-Chloronaphthalene	9.451	162	2196936	44.482	ng	98
48) 2-Nitroaniline	9.545	65	644893	49.576	ng	85
49) Acenaphthylene	9.869	152	3572328	47.602	ng	95
50) Dimethylphthalate	9.728	163	2512477	45.145	ng	98
51) 2,6-Dinitrotoluene	9.786	165	583013	51.266	ng	98
52) Acenaphthene	10.039	154	2406301	49.225	ng	98
53) 3-Nitroaniline	9.957	138	449308	33.131	ng #	90
54) 2,4-Dinitrophenol	10.063	184	554313	89.263	ng #	84
55) Dibenzofuran	10.216	168	3116813	43.788	ng	97
56) 4-Nitrophenol	10.116	139	1094014	98.731	ng	94
57) 2,4-Dinitrotoluene	10.192	165	748182	53.291	ng	94
58) Fluorene	10.557	166	2442230	44.357	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.328	232	675069	44.978	ng	100
60) Diethylphthalate	10.428	149	2508046	44.974	ng	96
61) 4-Chlorophenyl-phenyle...	10.545	204	1204236	43.898	ng	97
62) 4-Nitroaniline	10.580	138	634202	47.159	ng	90
63) Azobenzene	10.710	77	2422961	44.347	ng	91
65) 4,6-Dinitro-2-methylph...	10.598	198	325821	46.555	ng	92
66) n-Nitrosodiphenylamine	10.669	169	2204235	45.879	ng	95
67) 4-Bromophenyl-phenylether	11.039	248	765297	45.479	ng	96
68) Hexachlorobenzene	11.104	284	858001	45.790	ng	97
69) Atrazine	11.198	200	729171	53.936	ng	98
70) Pentachlorophenol	11.298	266	1016519	91.081	ng	99
71) Phenanthrene	11.527	178	3367531	44.553	ng	96
72) Anthracene	11.575	178	3367721	45.191	ng	95
73) Carbazole	11.727	167	3255717	43.600	ng	98
74) Di-n-butylphthalate	12.051	149	3601305	45.741	ng	97
75) Fluoranthene	12.716	202	3523237	44.571	ng	92
77) Benzidine	12.839	184	1536589	77.068	ng	98
78) Pyrene	12.951	202	3577683	46.096	ng	97
80) Butylbenzylphthalate	13.557	149	1529746	48.381	ng	97
81) Benzo(a)anthracene	14.139	228	3130354	45.787	ng	96
82) 3,3'-Dichlorobenzidine	14.098	252	655493	44.372	ng	97
83) Chrysene	14.180	228	2820954	44.445	ng	96
84) Bis(2-ethylhexyl)phtha...	14.116	149	2093438	49.819	ng	95
85) Di-n-octyl phthalate	14.739	149	3066455	49.433	ng	96
87) Indeno(1,2,3-cd)pyrene	17.233	276	2596680	46.255	ng	99
88) Benzo(b)fluoranthene	15.221	252	2694989	48.958	ng	98
89) Benzo(k)fluoranthene	15.251	252	2611497	48.912	ng	96
90) Benzo(a)pyrene	15.610	252	2522488	56.212	ng	97
91) Dibenzo(a,h)anthracene	17.257	278	2252917	49.229	ng	97
92) Benzo(g,h,i)perylene	17.715	276	2227759	48.521	ng	99

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

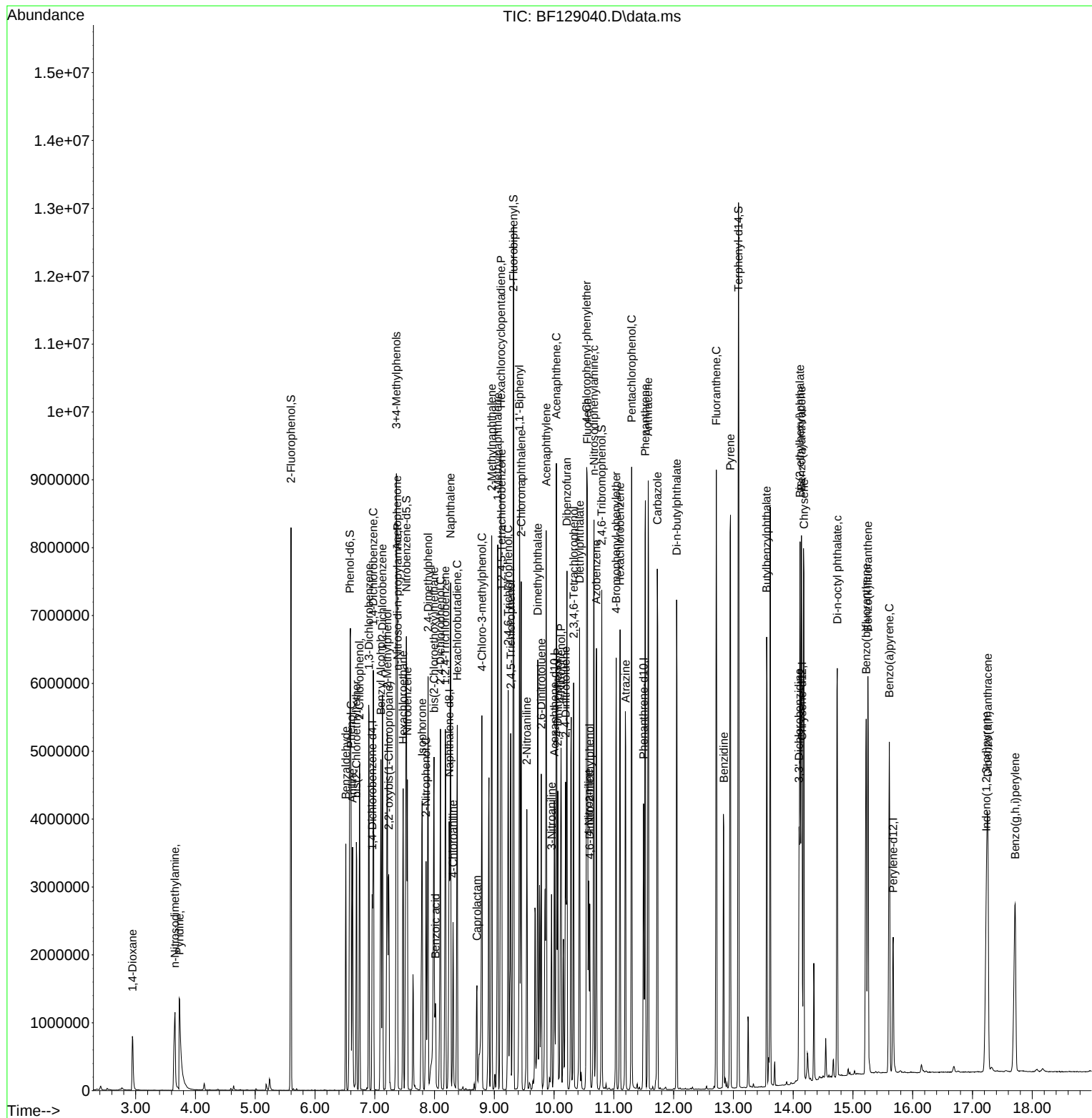
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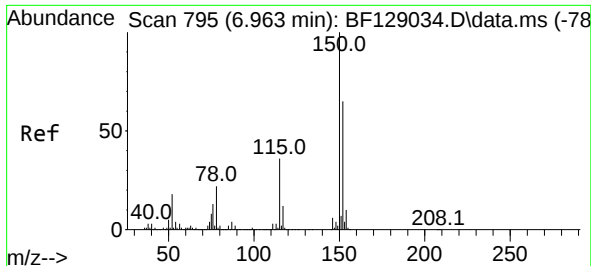
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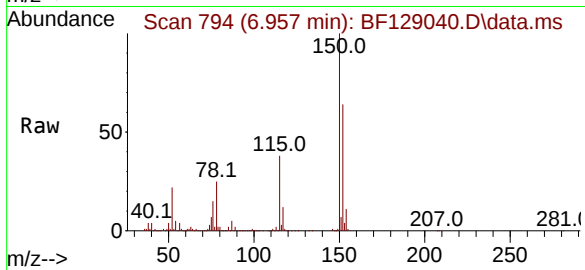
Reviewed By : Christian Giraldo 06/30/2022
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF129040.D
Acq: 29 Jun 2022 17:28

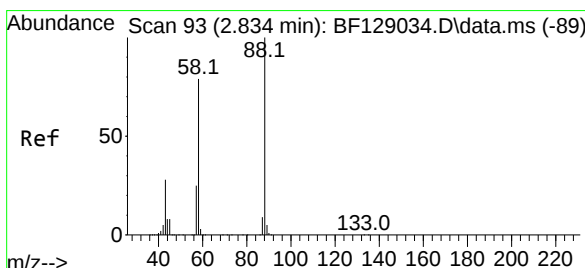
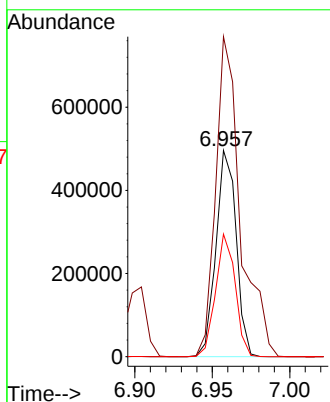
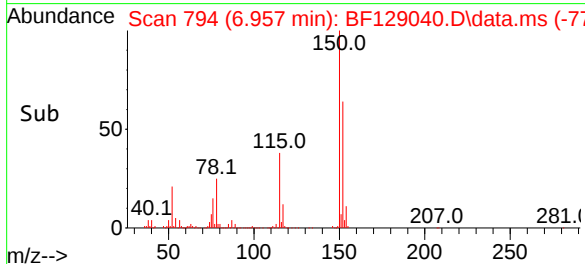
Instrument :
BNA_F
ClientSampleId :
PB145630BS



Tgt Ion:152 Resp: 449078
Ion Ratio Lower Upper
152 100
150 155.2 123.7 185.5
115 59.5 49.9 74.9

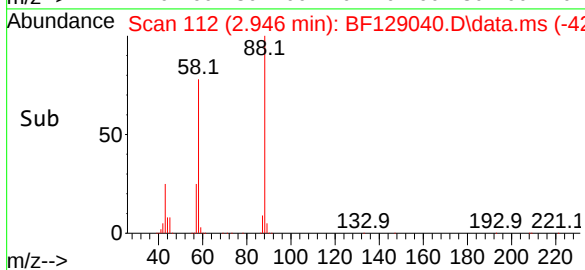
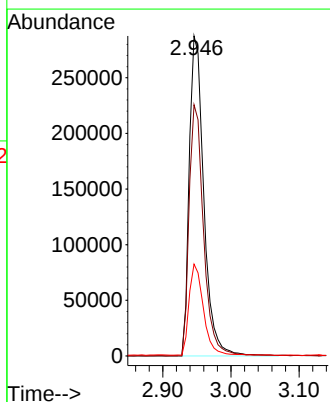
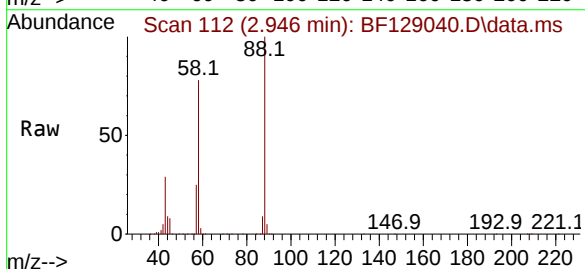
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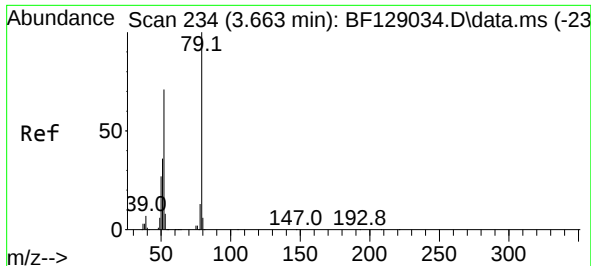
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#2
1,4-Dioxane
Concen: 35.861 ng
RT: 2.946 min Scan# 112
Delta R.T. 0.112 min
Lab File: BF129040.D
Acq: 29 Jun 2022 17:28

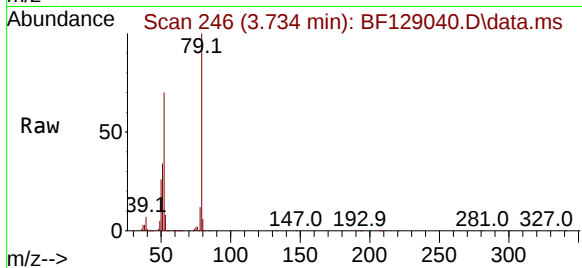
Tgt Ion: 88 Resp: 424687
Ion Ratio Lower Upper
88 100
58 78.4 71.8 107.8
43 28.3 26.6 39.8





#3
Pyridine
Concen: 39.196 ng
RT: 3.734 min Scan# 24
Delta R.T. 0.071 min
Lab File: BF129040.D
Acq: 29 Jun 2022 17:28

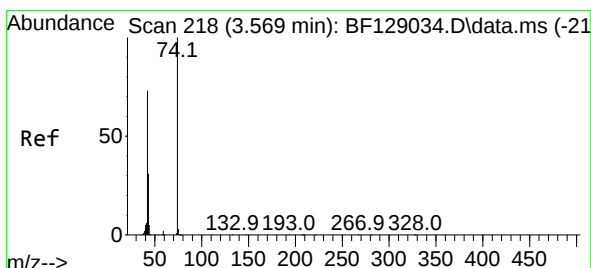
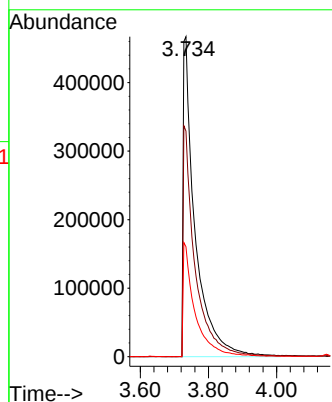
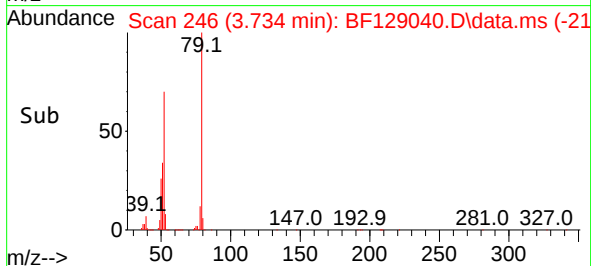
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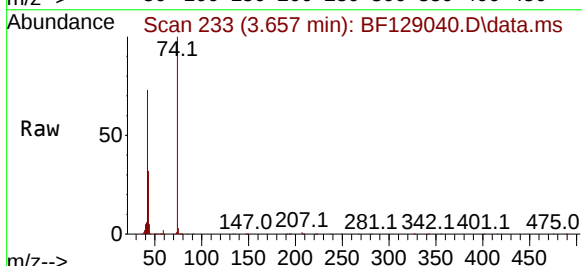
Tgt Ion: 79 Resp: 1133590
Ion Ratio Lower Upper
79 100
52 70.5 68.6 102.8
51 34.4 32.9 49.3

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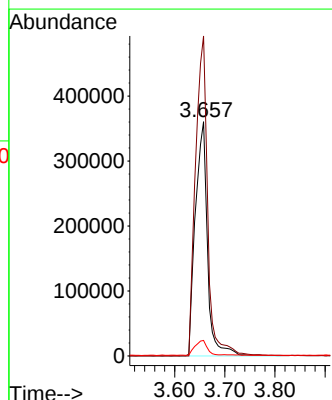
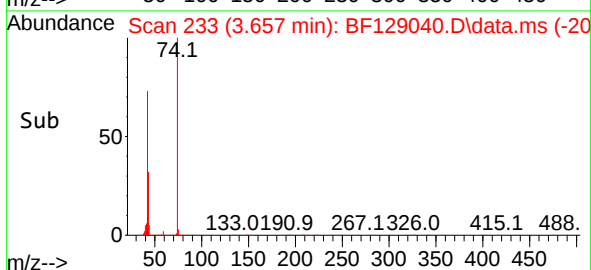
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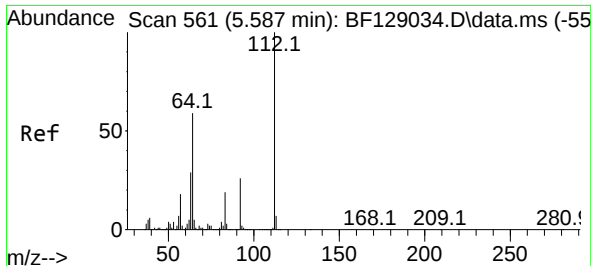


#4
n-Nitrosodimethylamine
Concen: 46.248 ng
RT: 3.657 min Scan# 233
Delta R.T. 0.088 min
Lab File: BF129040.D
Acq: 29 Jun 2022 17:28



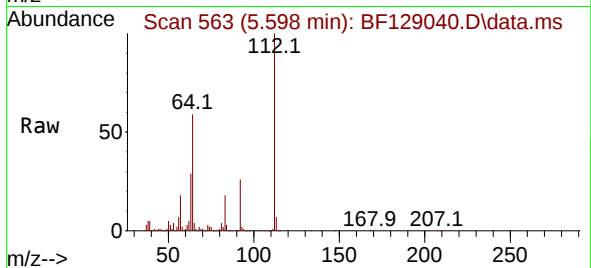
Tgt Ion: 42 Resp: 605993
Ion Ratio Lower Upper
42 100
74 136.7 94.8 142.2
44 6.7 6.6 10.0





#5
2-Fluorophenol
Concen: 86.488 ng
RT: 5.598 min Scan# 501
Delta R.T. 0.012 min
Lab File: BF129040.D
Acq: 29 Jun 2022 17:28

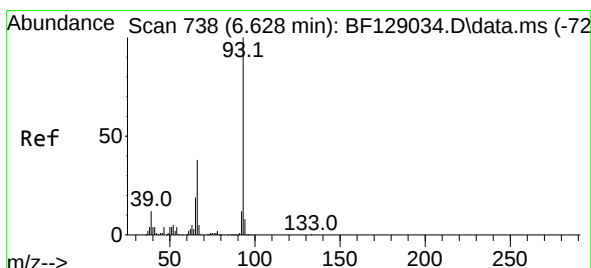
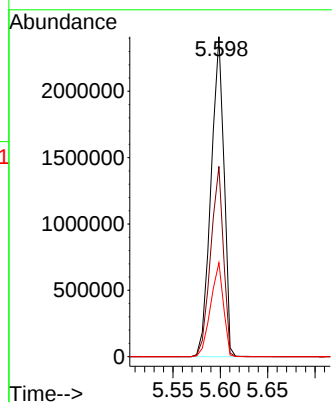
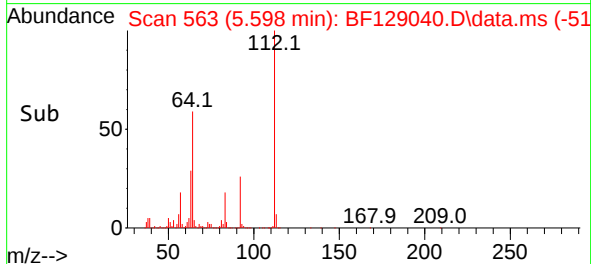
Instrument :
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Tgt Ion: 112 Resp: 2297362
Ion Ratio Lower Upper
112 100
64 59.4 53.3 79.9
63 29.3 28.0 42.0

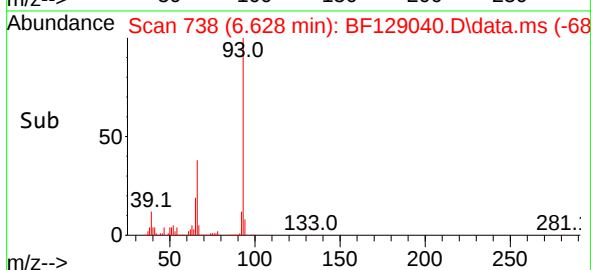
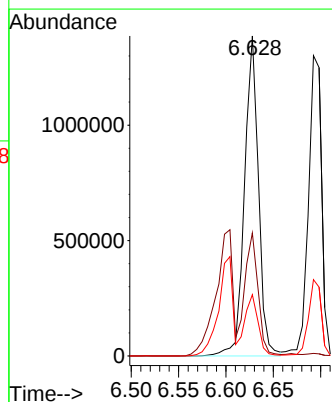
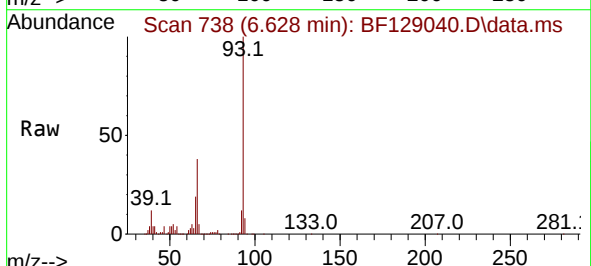
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#6
Aniline
Concen: 38.664 ng
RT: 6.628 min Scan# 738
Delta R.T. -0.000 min
Lab File: BF129040.D
Acq: 29 Jun 2022 17:28

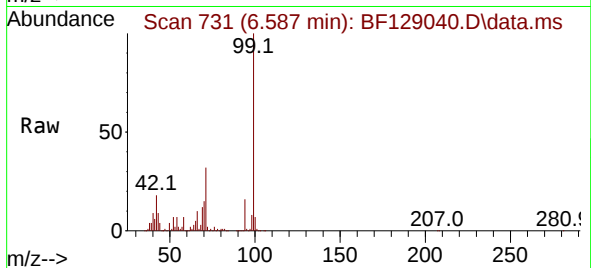
Tgt Ion: 93 Resp: 1426519
Ion Ratio Lower Upper
93 100
66 38.5 32.5 48.7
65 19.2 16.4 24.6





#7
Phenol-d6
Concen: 85.227 ng
RT: 6.587 min Scan# 731
Delta R.T. -0.000 min
Lab File: BF129040.D
Acq: 29 Jun 2022 17:28

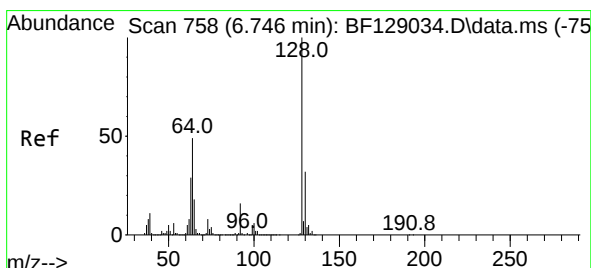
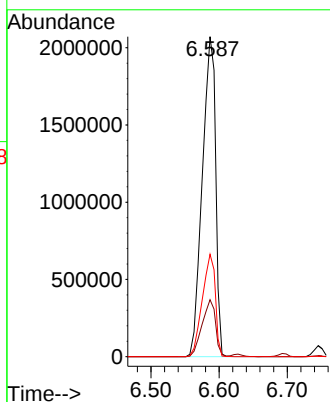
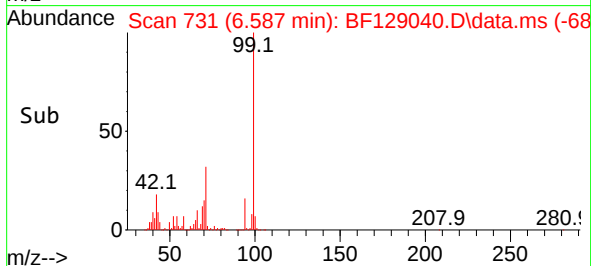
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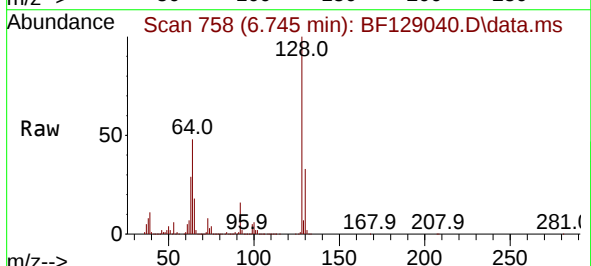
Tgt Ion: 99 Resp: 281163
Ion Ratio Lower Upper
99 100
42 17.8 17.3 25.9
71 32.0 28.9 43.3

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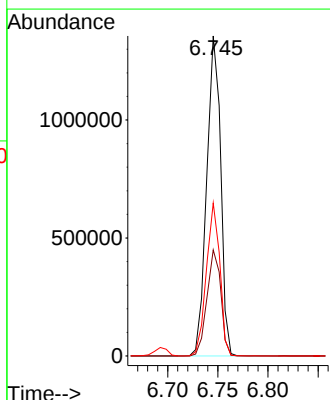
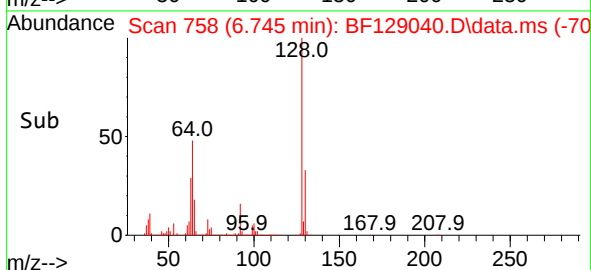
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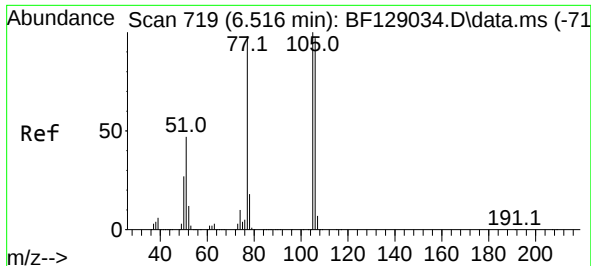


#8
2-Chlorophenol
Concen: 47.129 ng
RT: 6.745 min Scan# 758
Delta R.T. -0.000 min
Lab File: BF129040.D
Acq: 29 Jun 2022 17:28



Tgt Ion:128 Resp: 1315241
Ion Ratio Lower Upper
128 100
130 33.1 13.1 53.1
64 47.8 30.9 70.9





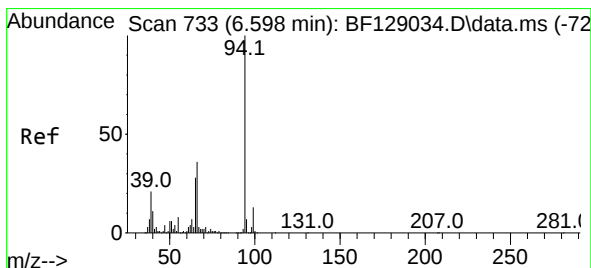
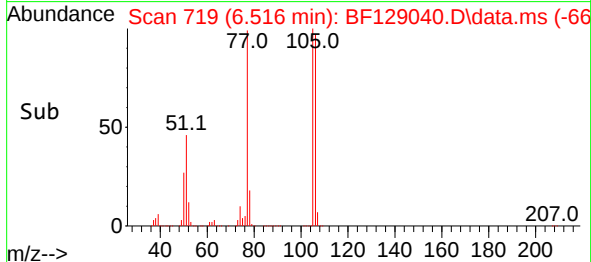
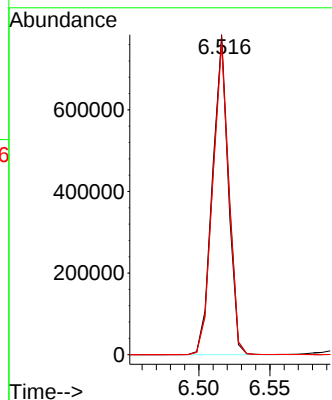
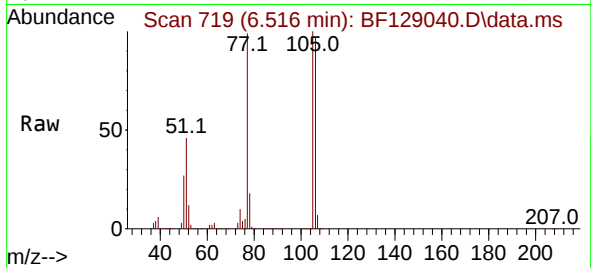
#9
Benzaldehyde
Concen: 39.768 ng
RT: 6.516 min Scan# 719
Delta R.T. 0.000 min
Lab File: BF129040.D
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Instrument :
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ClientSampleId :
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Tgt Ion: 77 Resp: 60829
Ion Ratio Lower Upper
77 100
105 100.9 81.6 121.6
106 98.1 76.1 116.1

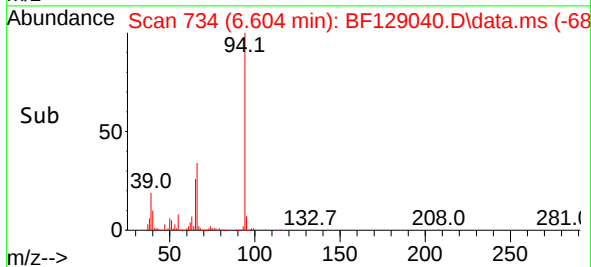
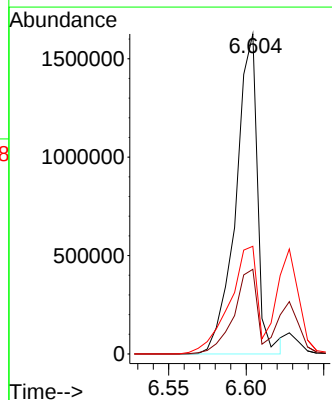
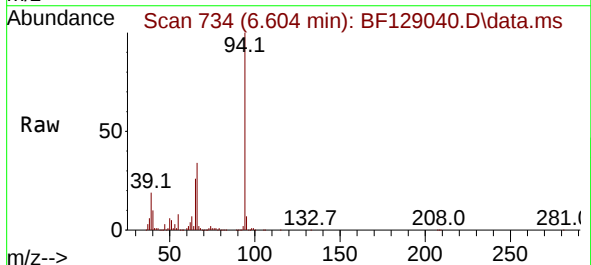
Manual Integrations
APPROVED

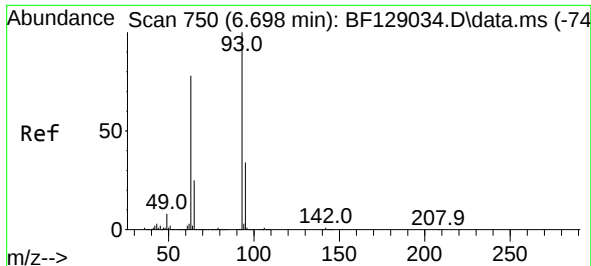
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#10
Phenol
Concen: 47.392 ng
RT: 6.604 min Scan# 734
Delta R.T. 0.006 min
Lab File: BF129040.D
Acq: 29 Jun 2022 17:28

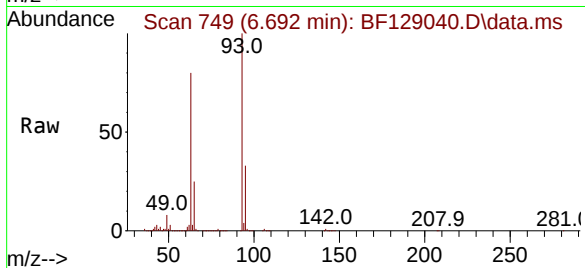
Tgt Ion: 94 Resp: 1584075
Ion Ratio Lower Upper
94 100
65 26.5 11.4 51.4
66 33.7 21.4 61.4





#11
bis(2-Chloroethyl)ether
Concen: 47.410 ng
RT: 6.692 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF129040.D
Acq: 29 Jun 2022 17:28

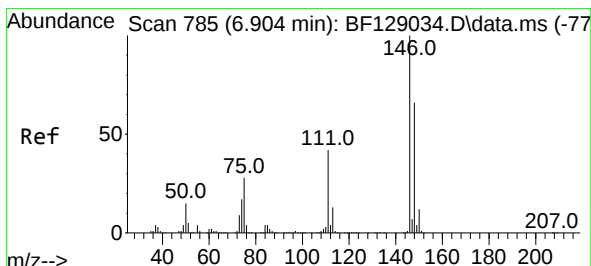
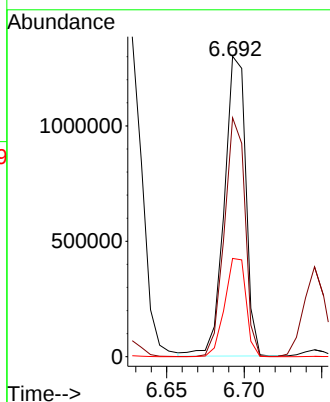
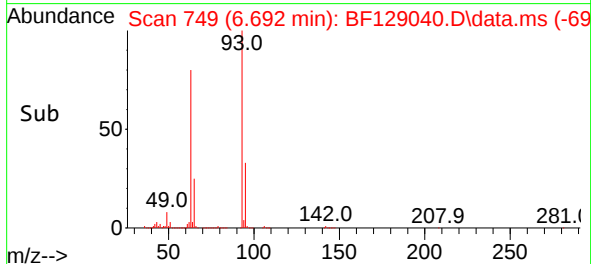
Instrument :
BNA_F
ClientSampleId :
PB145630BS



Tgt Ion: 93 Resp: 125427
Ion Ratio Lower Upper
93 100
63 79.5 67.4 107.4
95 32.7 12.7 52.7

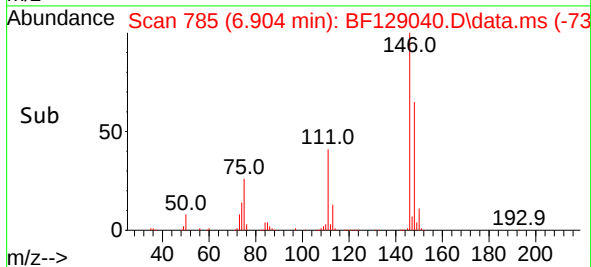
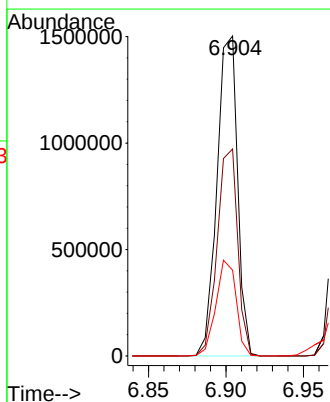
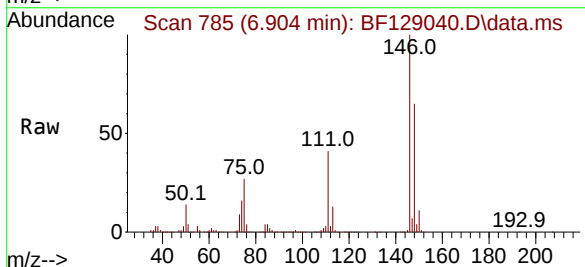
Manual Integrations
APPROVED

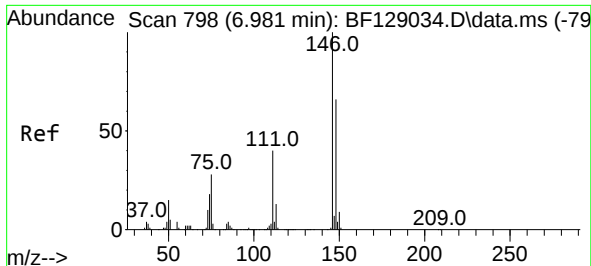
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#12
1,3-Dichlorobenzene
Concen: 45.293 ng
RT: 6.904 min Scan# 785
Delta R.T. -0.000 min
Lab File: BF129040.D
Acq: 29 Jun 2022 17:28

Tgt Ion:146 Resp: 1391445
Ion Ratio Lower Upper
146 100
148 64.7 50.6 75.8
75 26.8 26.3 39.5





#13

1,4-Dichlorobenzene

Concen: 45.192 ng

RT: 6.975 min Scan# 79

Delta R.T. -0.006 min

Lab File: BF129040.D

Acq: 29 Jun 2022 17:28

Instrument :

BNA_F

ClientSampleId :

PB145630BS

Tgt Ion:146 Resp: 1400354

Ion Ratio Lower Upper

146 100

148 64.2 51.1 76.7

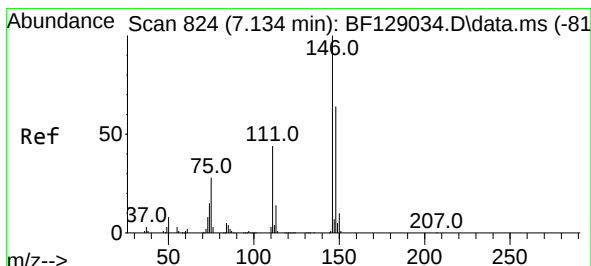
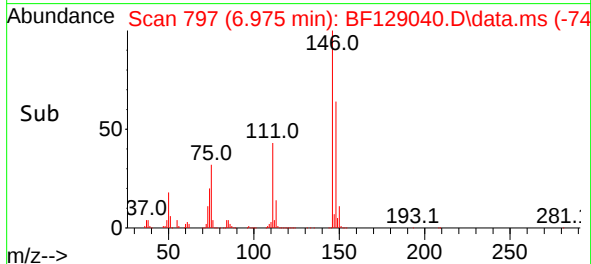
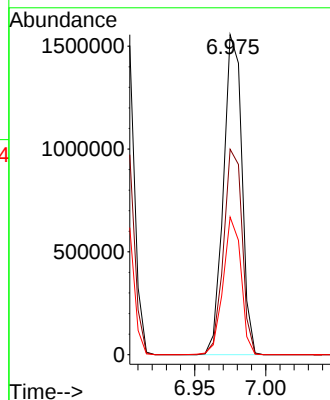
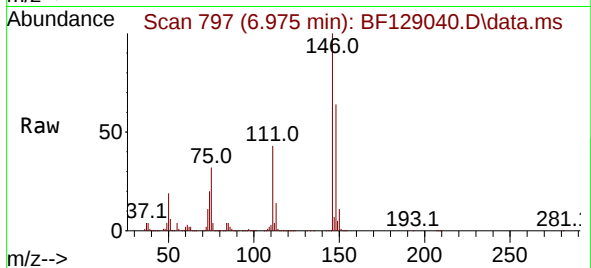
111 43.0 34.2 51.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/30/2022

Supervised By :Jagrut Upadhyay 07/01/2022



#14

1,2-Dichlorobenzene

Concen: 46.549 ng

RT: 7.128 min Scan# 823

Delta R.T. -0.006 min

Lab File: BF129040.D

Acq: 29 Jun 2022 17:28

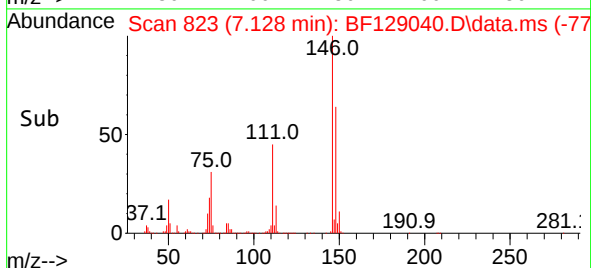
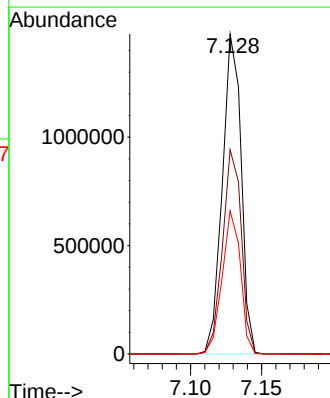
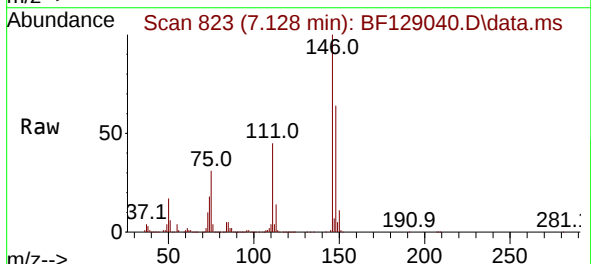
Tgt Ion:146 Resp: 1355930

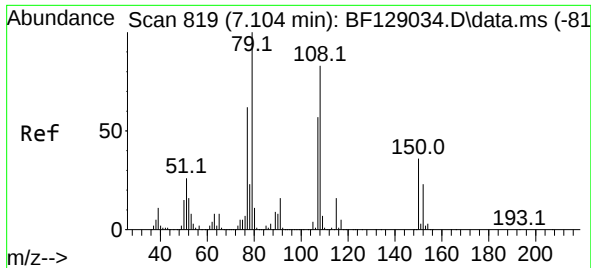
Ion Ratio Lower Upper

146 100

148 63.8 51.8 77.8

111 44.8 35.1 52.7





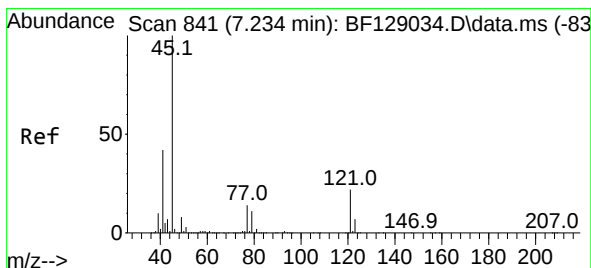
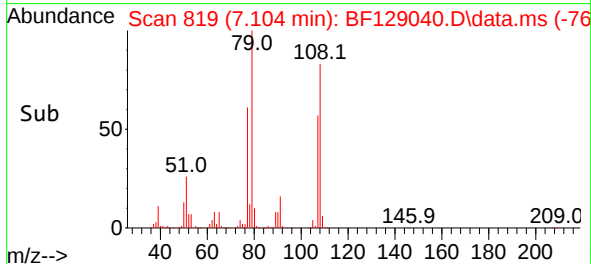
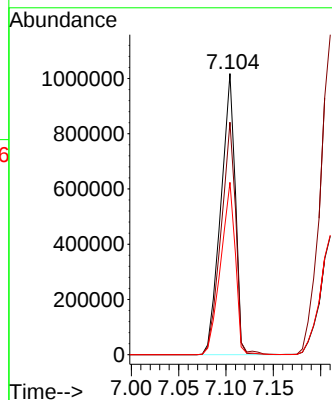
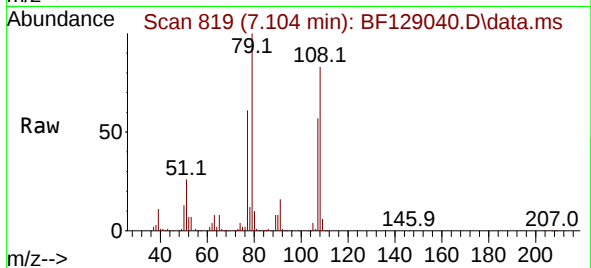
#15
Benzyl Alcohol
Concen: 46.846 ng
RT: 7.104 min Scan# 819
Delta R.T. -0.000 min
Lab File: BF129040.D
Acq: 29 Jun 2022 17:28

Instrument :
BNA_F
ClientSampleId :
PB145630BS

Tgt Ion: 79 Resp: 108709
Ion Ratio Lower Upper
79 100
108 82.7 61.8 92.6
77 61.3 50.2 75.4

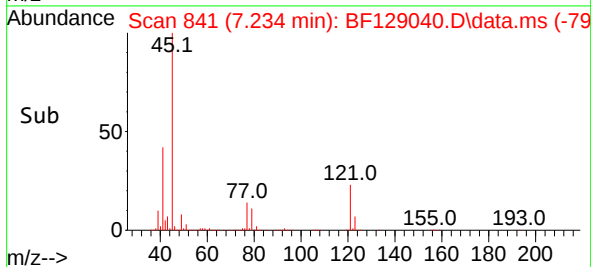
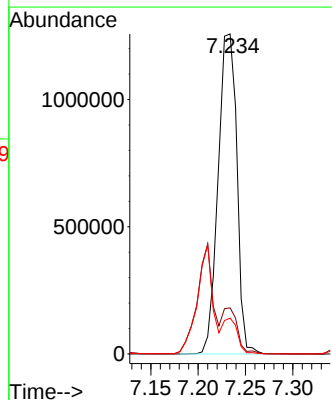
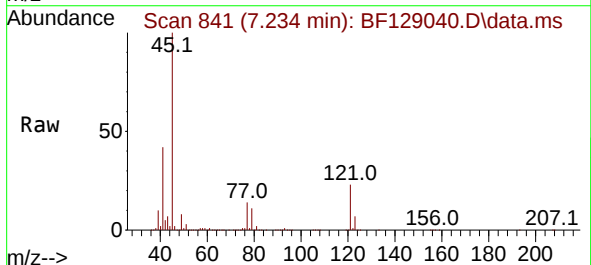
Manual Integrations
APPROVED

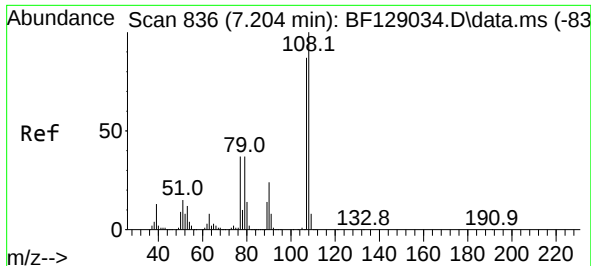
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.853 ng
RT: 7.234 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF129040.D
Acq: 29 Jun 2022 17:28

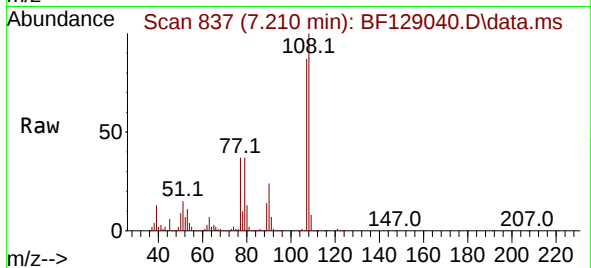
Tgt Ion: 45 Resp: 1732583
Ion Ratio Lower Upper
45 100
77 14.4 0.0 31.3
79 11.2 0.0 28.3





#17
2-Methylphenol
Concen: 46.932 ng
RT: 7.210 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF129040.D
Acq: 29 Jun 2022 17:28

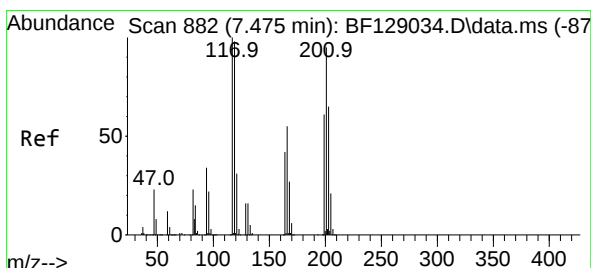
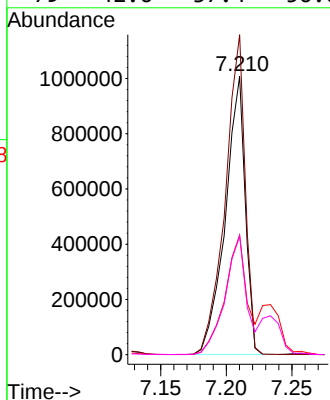
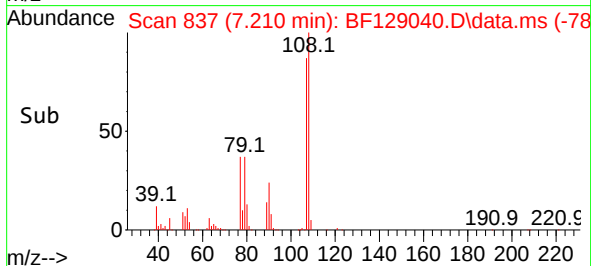
Instrument :
BNA_F
ClientSampleId :
PB145630BS



Tgt Ion:107 Resp: 106578
Ion Ratio Lower Upper
107 100
108 115.0 91.9 137.9
77 43.0 37.8 56.8
79 42.6 37.4 56.0

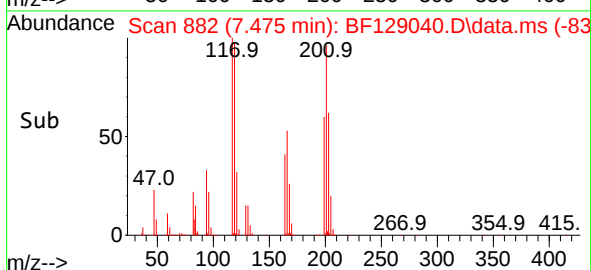
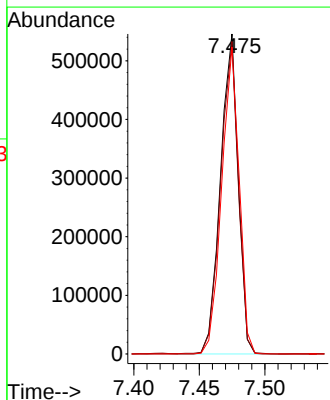
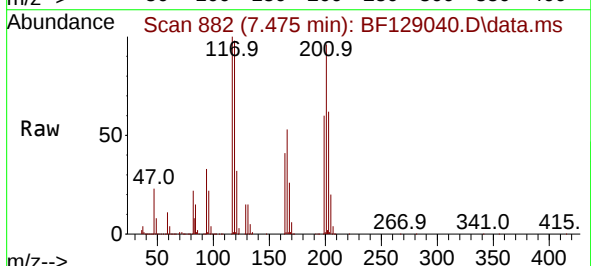
Manual Integrations
APPROVED

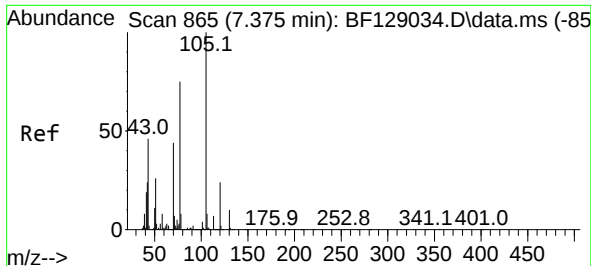
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#18
Hexachloroethane
Concen: 47.153 ng
RT: 7.475 min Scan# 882
Delta R.T. -0.000 min
Lab File: BF129040.D
Acq: 29 Jun 2022 17:28

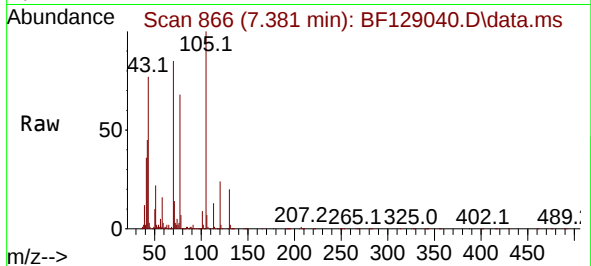
Tgt Ion:117 Resp: 512967
Ion Ratio Lower Upper
117 100
119 97.7 77.4 116.2
201 95.9 84.6 127.0





#19
n-Nitroso-di-n-propylamine
Concen: 47.165 ng
RT: 7.381 min Scan# 866
Delta R.T. 0.006 min
Lab File: BF129040.D
Acq: 29 Jun 2022 17:28

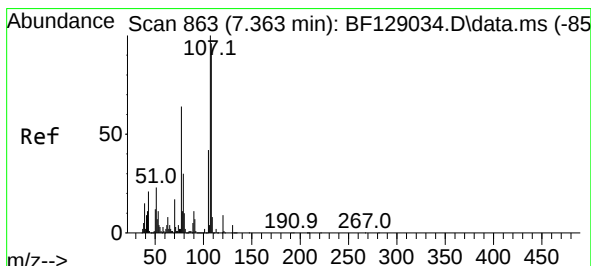
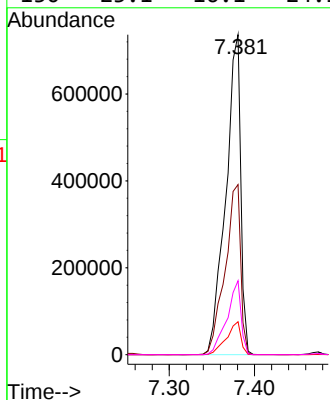
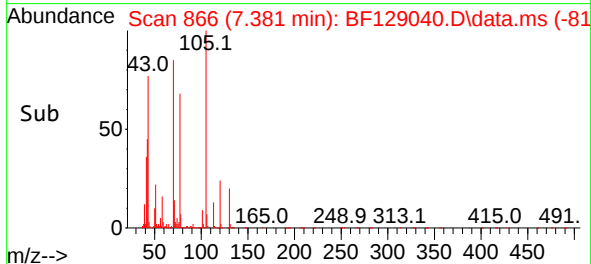
Instrument :
BNA_F
ClientSampleId :
PB145630BS



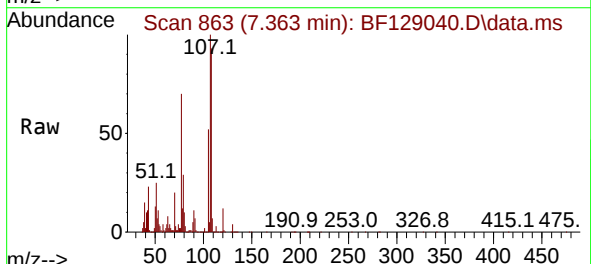
Tgt Ion: 70 Resp: 900091
Ion Ratio Lower Upper
70 100
42 53.2 52.3 78.5
101 10.3 7.5 11.3
130 23.1 16.1 24.1

Manual Integrations
APPROVED

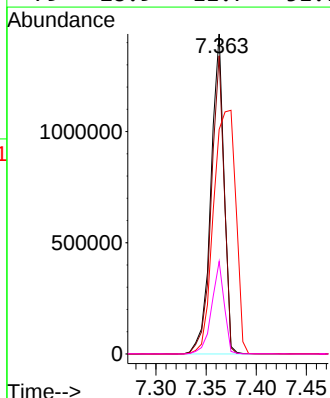
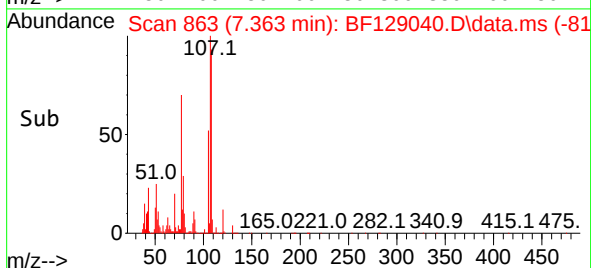
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022

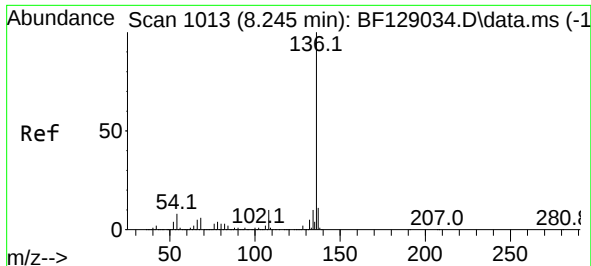


#20
3+4-Methylphenols
Concen: 45.295 ng
RT: 7.363 min Scan# 863
Delta R.T. -0.000 min
Lab File: BF129040.D
Acq: 29 Jun 2022 17:28



Tgt Ion:107 Resp: 1308049
Ion Ratio Lower Upper
107 100
108 93.2 71.8 111.8
77 70.1 59.3 99.3
79 28.9 11.7 51.7





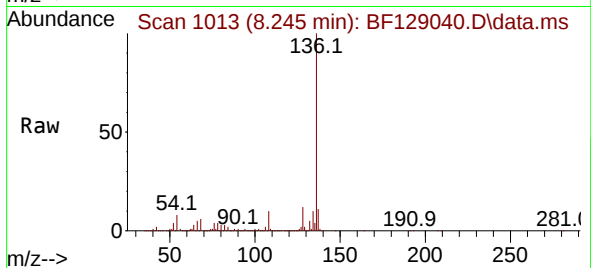
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF129040.D
Acq: 29 Jun 2022 17:28

Instrument :

BNA_F

ClientSampleId :

PB145630BS

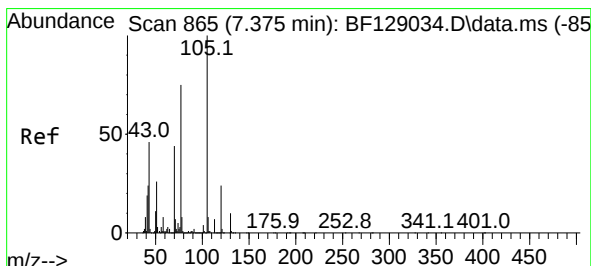
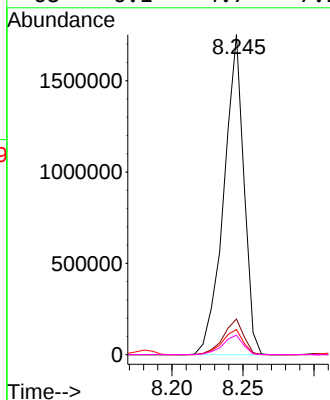
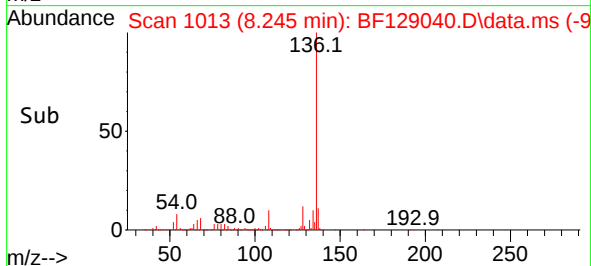


Tgt Ion:136 Resp: 171849
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.8 7.5 11.3
68 6.1 4.7 7.1

Manual Integrations

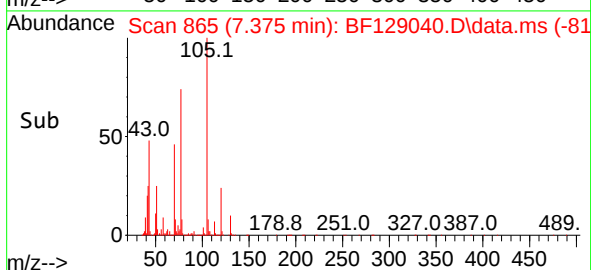
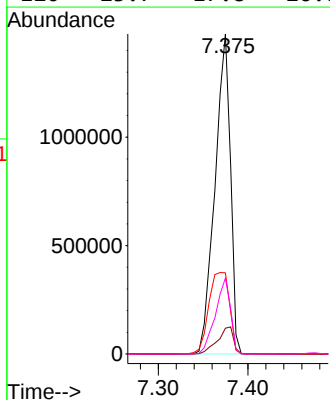
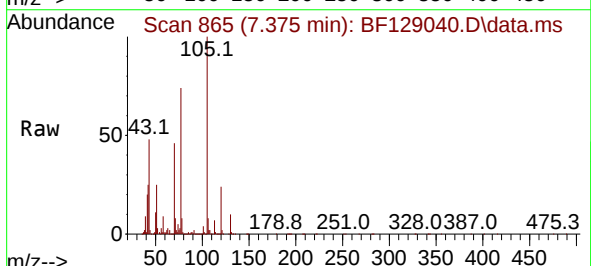
APPROVED

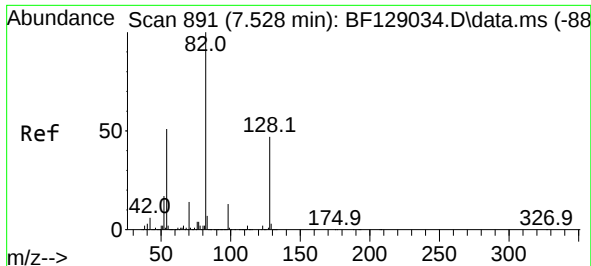
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#22
Acetophenone
Concen: 44.650 ng
RT: 7.375 min Scan# 865
Delta R.T. -0.000 min
Lab File: BF129040.D
Acq: 29 Jun 2022 17:28

Tgt Ion:105 Resp: 1760194
Ion Ratio Lower Upper
105 100
71 8.1 5.0 7.4#
51 25.4 25.0 37.4
120 23.7 17.8 26.8





#23

Nitrobenzene-d5

Concen: 87.707 ng

RT: 7.528 min Scan# 891

Delta R.T. -0.000 min

Lab File: BF129040.D

Acq: 29 Jun 2022 17:28

Instrument :

BNA_F

ClientSampleId :

PB145630BS

Tgt Ion: 82 Resp: 252696

Ion Ratio Lower Upper

82 100

128 47.8 34.0 51.0

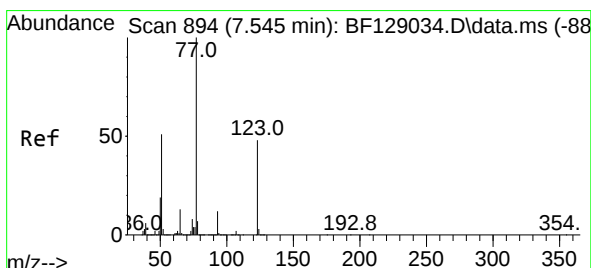
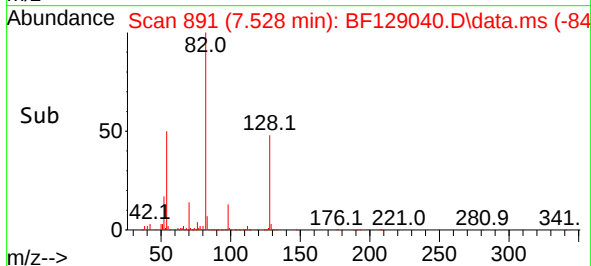
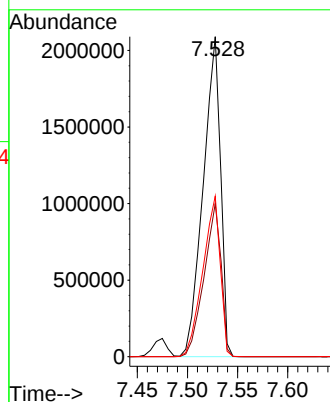
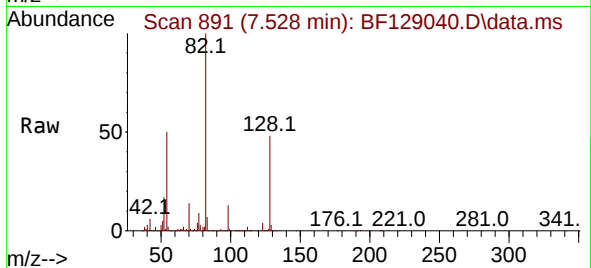
54 50.1 46.9 70.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/30/2022

Supervised By :Jagrut Upadhyay 07/01/2022



#24

Nitrobenzene

Concen: 47.287 ng

RT: 7.545 min Scan# 894

Delta R.T. -0.000 min

Lab File: BF129040.D

Acq: 29 Jun 2022 17:28

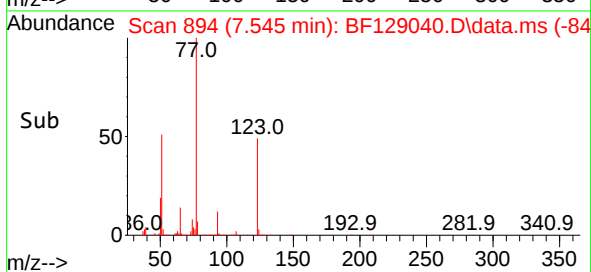
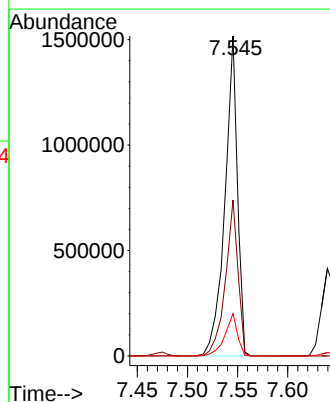
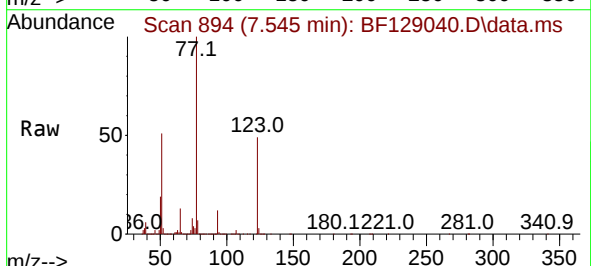
Tgt Ion: 77 Resp: 1318209

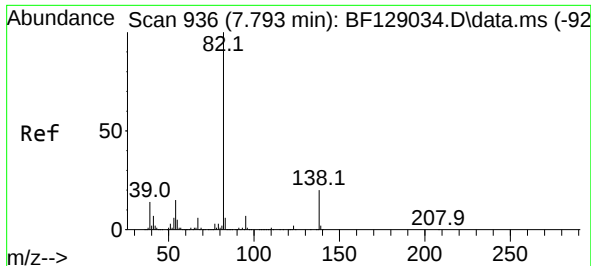
Ion Ratio Lower Upper

77 100

123 48.8 35.4 53.2

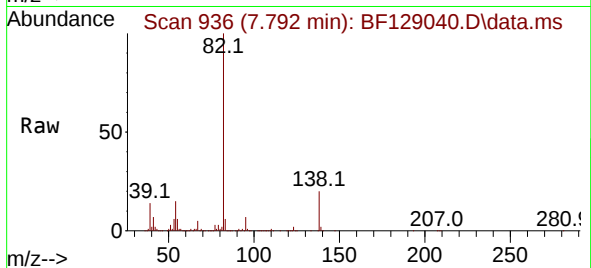
65 13.2 11.8 17.8





#25
Isophorone
Concen: 49.609 ng
RT: 7.792 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF129040.D
Acq: 29 Jun 2022 17:28

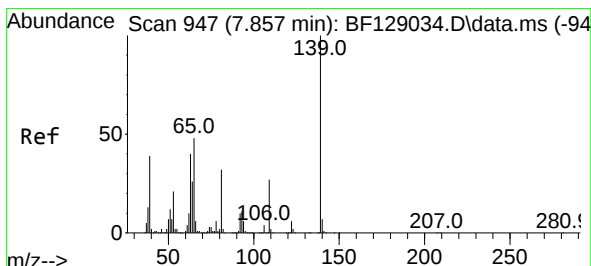
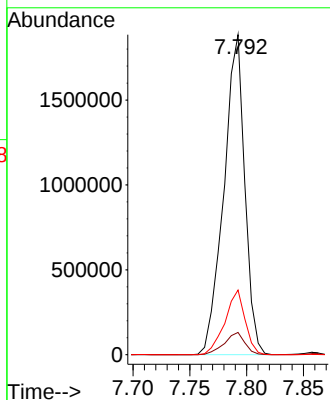
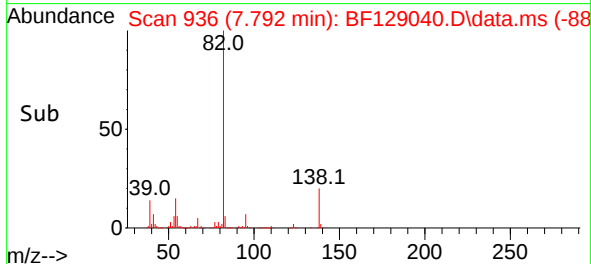
Instrument :
BNA_F
ClientSampleId :
PB145630BS



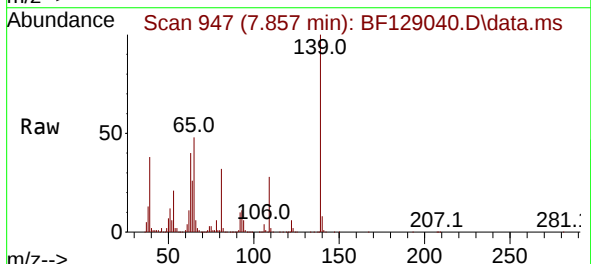
Tgt Ion: 82 Resp: 241556
Ion Ratio Lower Upper
82 100
95 7.0 5.7 8.5
138 20.2 14.2 21.2

Manual Integrations
APPROVED

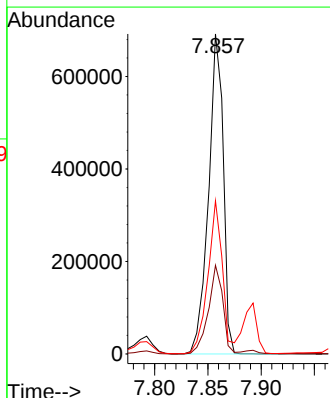
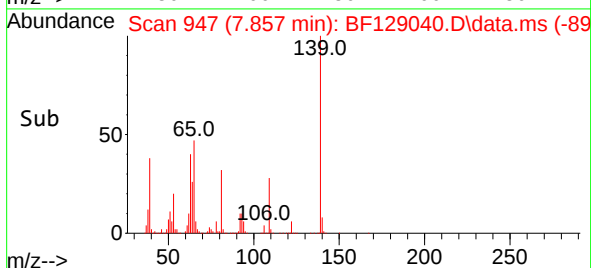
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#26
2-Nitrophenol
Concen: 51.240 ng
RT: 7.857 min Scan# 947
Delta R.T. -0.000 min
Lab File: BF129040.D
Acq: 29 Jun 2022 17:28



Tgt Ion:139 Resp: 663865
Ion Ratio Lower Upper
139 100
109 27.7 25.0 37.4
65 47.9 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 52.163 ng

RT: 7.892 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF129040.D

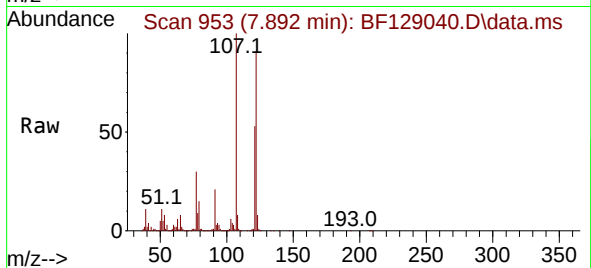
Acq: 29 Jun 2022 17:28

Instrument :

BNA_F

ClientSampleId :

PB145630BS



Tgt Ion:122 Resp: 1220104

Ion Ratio Lower Upper

122 100

107 109.7 93.0 139.6

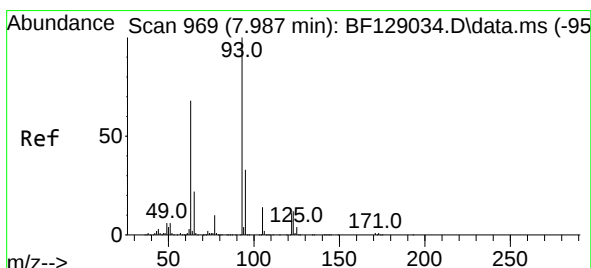
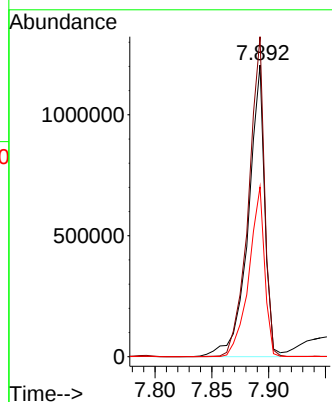
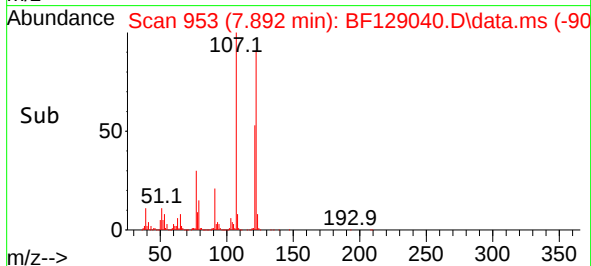
121 58.2 46.6 70.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/30/2022

Supervised By :Jagrut Upadhyay 07/01/2022



#28

bis(2-Chloroethoxy)methane

Concen: 45.383 ng

RT: 7.992 min Scan# 970

Delta R.T. 0.006 min

Lab File: BF129040.D

Acq: 29 Jun 2022 17:28

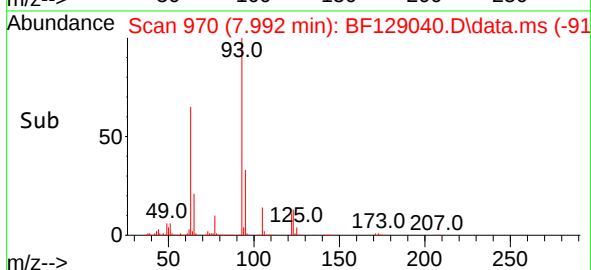
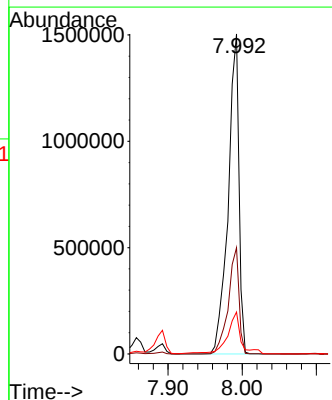
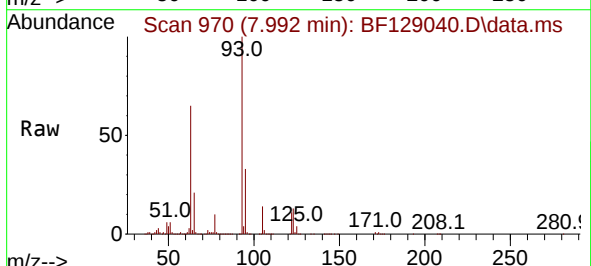
Tgt Ion: 93 Resp: 1517626

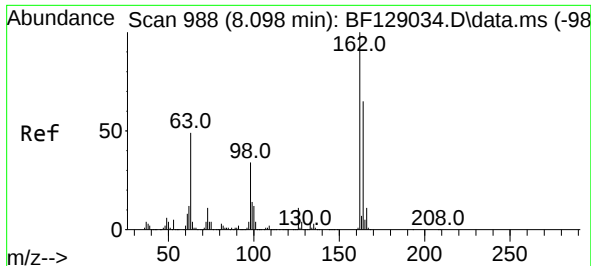
Ion Ratio Lower Upper

93 100

95 33.2 26.8 40.2

123 13.1 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 45.336 ng

RT: 8.098 min Scan# 988

Delta R.T. -0.000 min

Lab File: BF129040.D

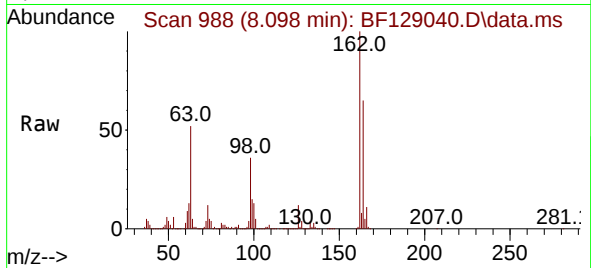
Acq: 29 Jun 2022 17:28

Instrument :

BNA_F

ClientSampleId :

PB145630BS



Tgt Ion:162 Resp: 1081600

Ion Ratio Lower Upper

162 100

164 65.4 44.2 84.2

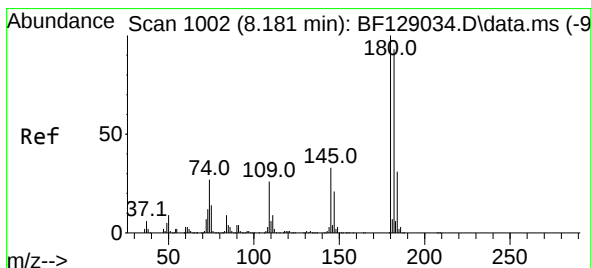
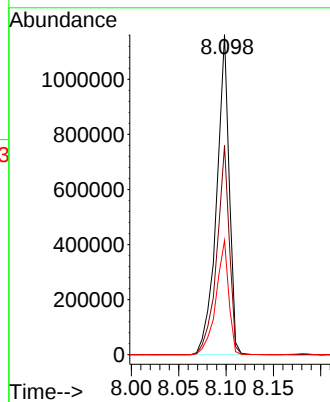
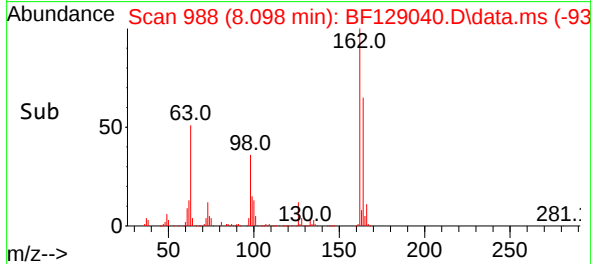
98 35.7 19.6 59.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/30/2022

Supervised By :Jagrut Upadhyay 07/01/2022



#30

1,2,4-Trichlorobenzene

Concen: 43.799 ng

RT: 8.181 min Scan# 1002

Delta R.T. -0.000 min

Lab File: BF129040.D

Acq: 29 Jun 2022 17:28

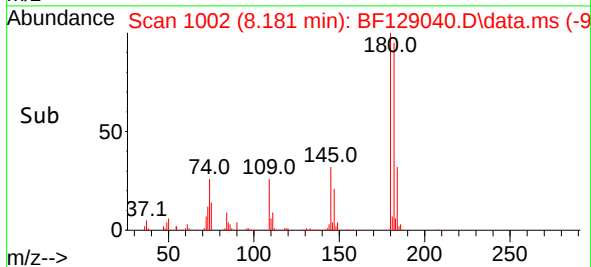
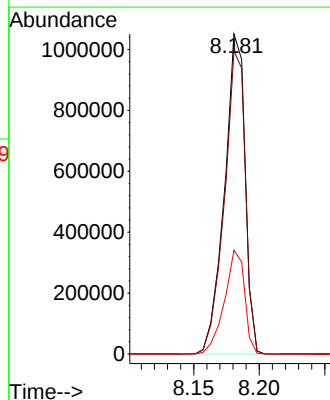
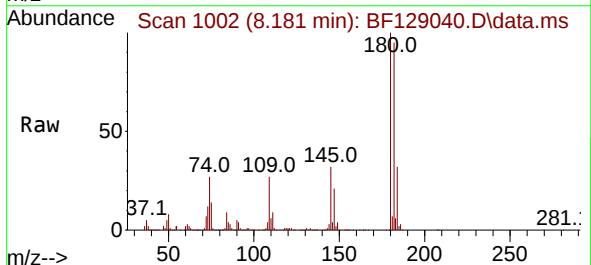
Tgt Ion:180 Resp: 1149868

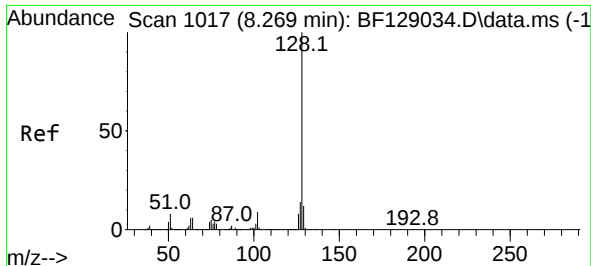
Ion Ratio Lower Upper

180 100

182 94.7 79.2 118.8

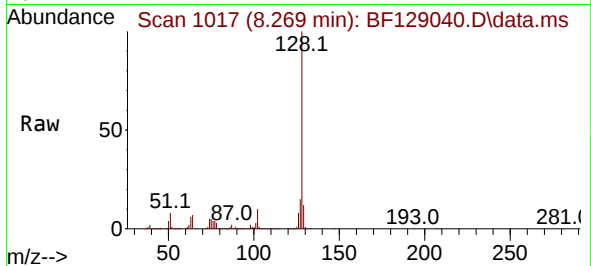
145 32.4 26.2 39.2





#31
Naphthalene
Concen: 45.239 ng
RT: 8.269 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF129040.D
Acq: 29 Jun 2022 17:28

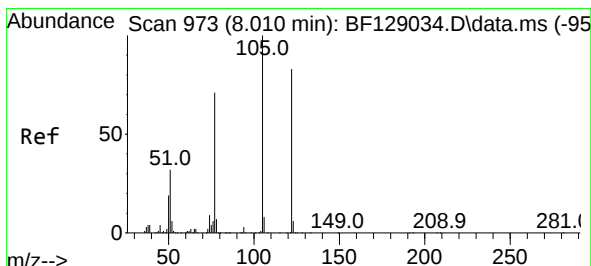
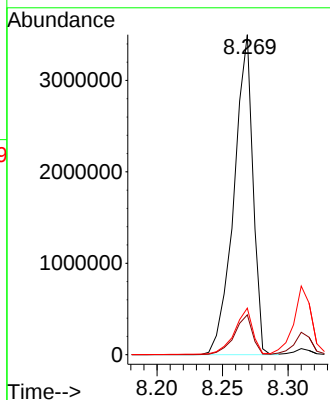
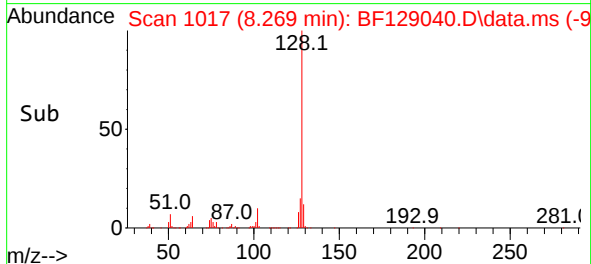
Instrument :
BNA_F
ClientSampleId :
PB145630BS



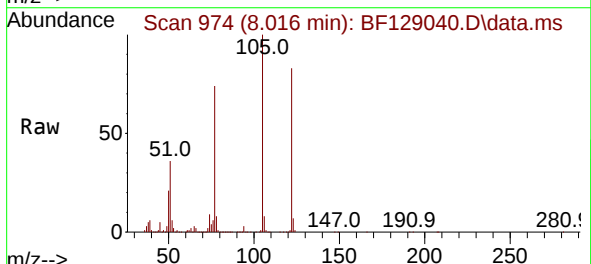
Tgt Ion:128 Resp: 3529330
Ion Ratio Lower Upper
128 100
129 12.5 9.2 13.8
127 14.5 10.5 15.7

Manual Integrations
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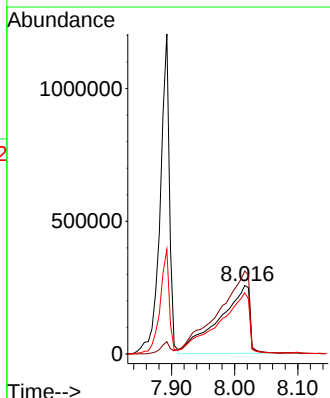
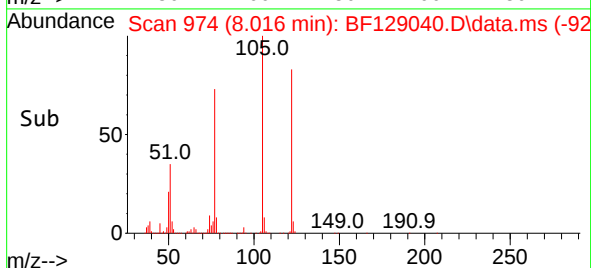
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022

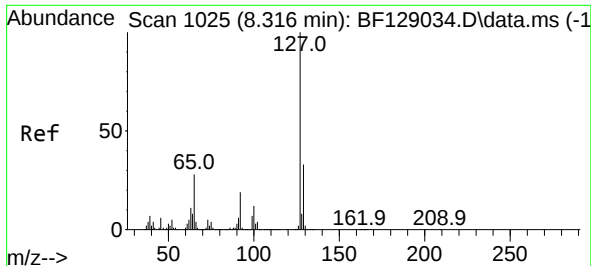


#32
Benzoic acid
Concen: 46.247 ng
RT: 8.016 min Scan# 974
Delta R.T. 0.006 min
Lab File: BF129040.D
Acq: 29 Jun 2022 17:28



Tgt Ion:122 Resp: 867886
Ion Ratio Lower Upper
122 100
105 121.1 107.1 147.1
77 89.4 74.2 114.2





#33
4-Chloroaniline
Concen: 22.782 ng
RT: 8.310 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF129040.D
Acq: 29 Jun 2022 17:28

Instrument :

BNA_F

ClientSampleId :

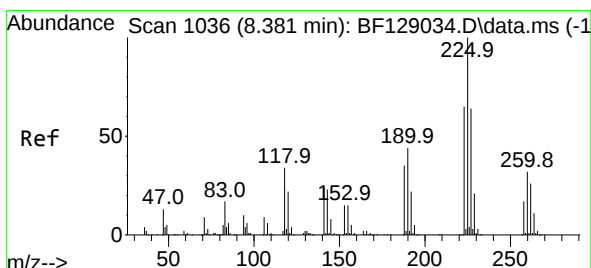
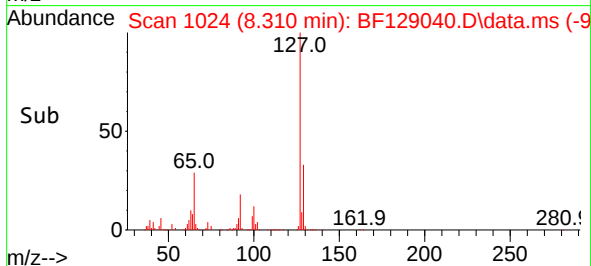
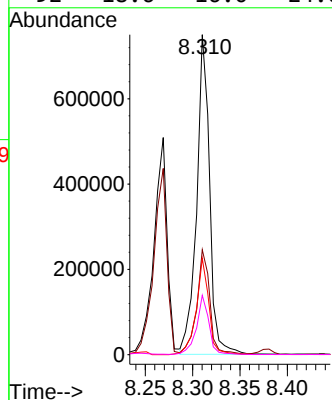
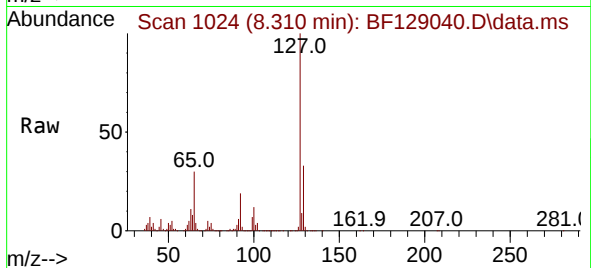
PB145630BS

Tgt Ion:127 Resp: 716160
Ion Ratio Lower Upper
127 100
129 32.8 26.4 39.6
65 30.1 26.4 39.6
92 18.6 16.0 24.0

Manual Integrations

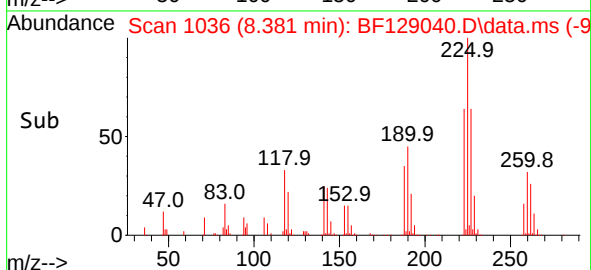
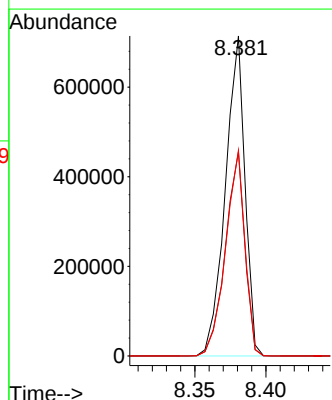
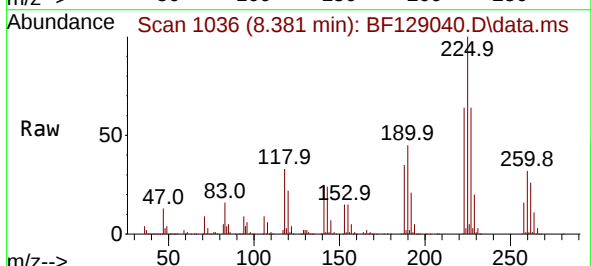
APPROVED

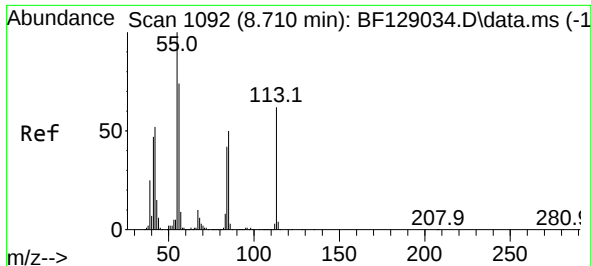
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#34
Hexachlorobutadiene
Concen: 43.733 ng
RT: 8.381 min Scan# 1036
Delta R.T. -0.000 min
Lab File: BF129040.D
Acq: 29 Jun 2022 17:28

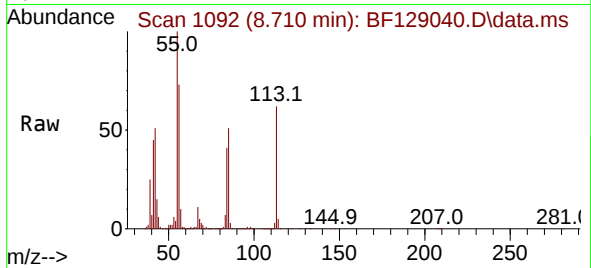
Tgt Ion:225 Resp: 685567
Ion Ratio Lower Upper
225 100
223 63.8 51.0 76.6
227 64.2 51.1 76.7





#35
Caprolactam
Concen: 44.383 ng m
RT: 8.710 min Scan# 1092
Delta R.T. -0.000 min
Lab File: BF129040.D
Acq: 29 Jun 2022 17:28

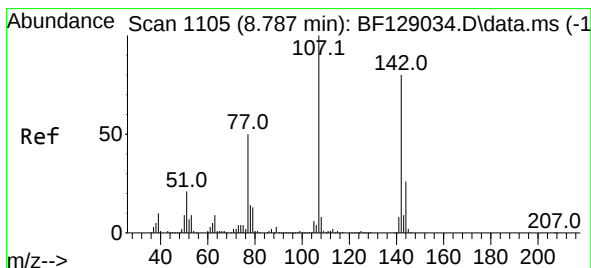
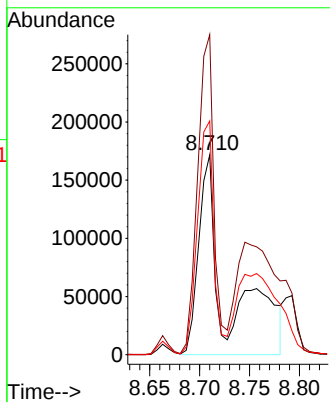
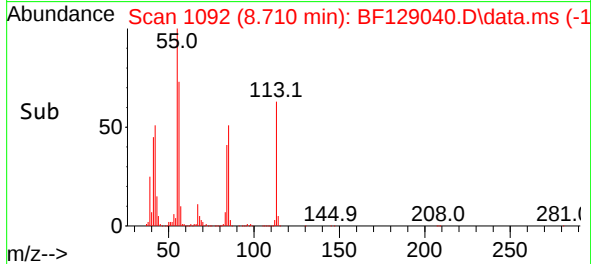
Instrument :
BNA_F
ClientSampleId :
PB145630BS



Tgt Ion:113 Resp: 335772
Ion Ratio Lower Upper
113 100
55 160.1 188.5 228.5
56 116.9 130.6 170.6

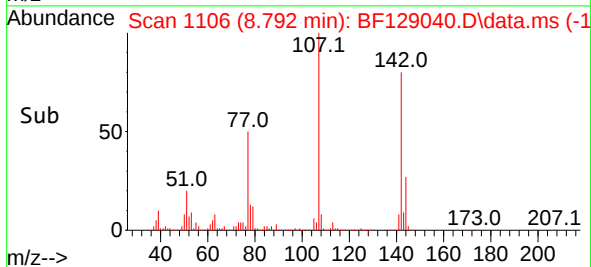
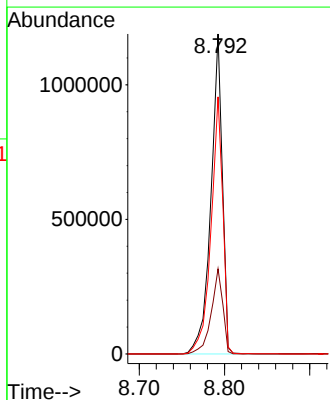
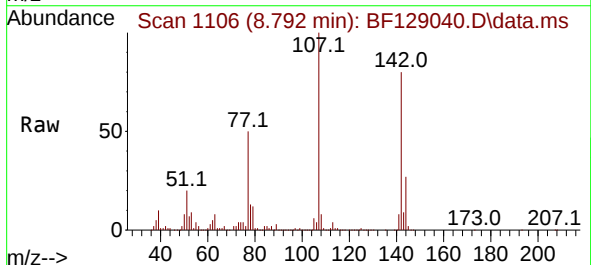
Manual Integrations
APPROVED

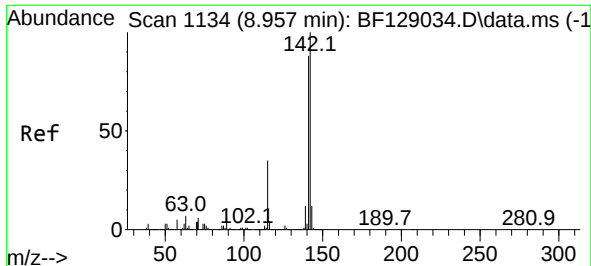
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#36
4-Chloro-3-methylphenol
Concen: 45.903 ng
RT: 8.792 min Scan# 1106
Delta R.T. 0.006 min
Lab File: BF129040.D
Acq: 29 Jun 2022 17:28

Tgt Ion:107 Resp: 1112674
Ion Ratio Lower Upper
107 100
144 26.6 19.5 29.3
142 80.4 58.2 87.4





#37

2-Methylnaphthalene

Concen: 45.518 ng

RT: 8.957 min Scan# 1134

Delta R.T. -0.000 min

Lab File: BF129040.D

Acq: 29 Jun 2022 17:28

Instrument :

BNA_F

ClientSampleId :

PB145630BS

Tgt Ion:142 Resp: 238948

Ion Ratio Lower Upper

142 100

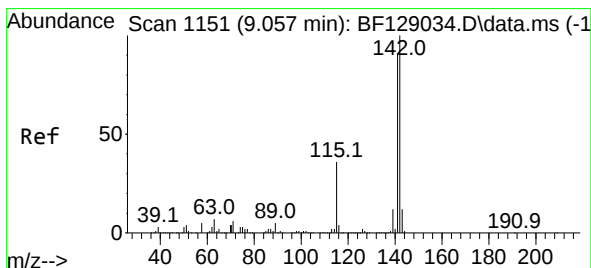
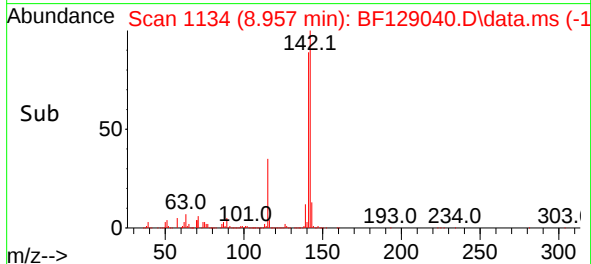
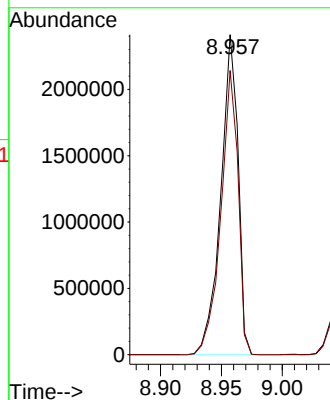
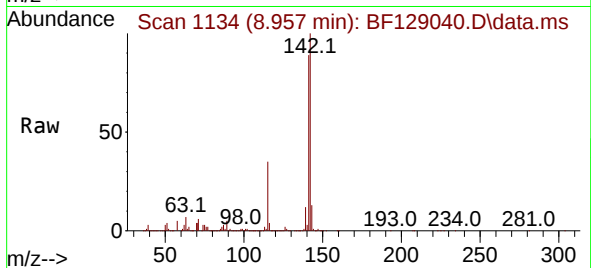
141 88.8 71.0 106.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/30/2022

Supervised By :Jagrut Upadhyay 07/01/2022



#38

1-Methylnaphthalene

Concen: 45.009 ng

RT: 9.057 min Scan# 1151

Delta R.T. -0.000 min

Lab File: BF129040.D

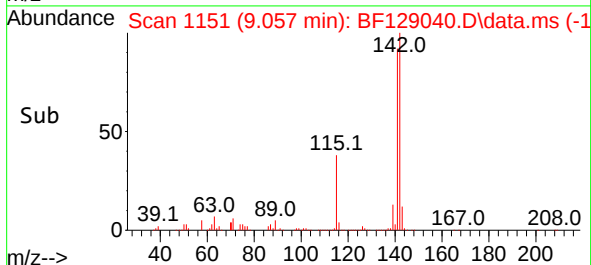
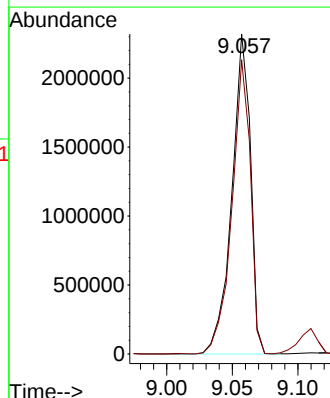
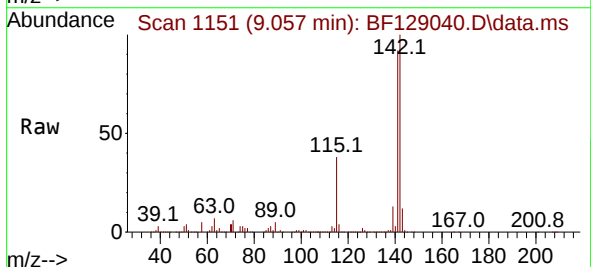
Acq: 29 Jun 2022 17:28

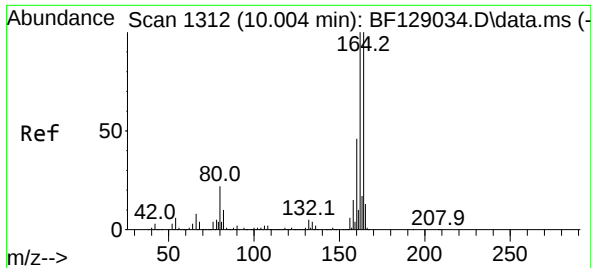
Tgt Ion:142 Resp: 2294554

Ion Ratio Lower Upper

142 100

141 91.9 74.2 111.4





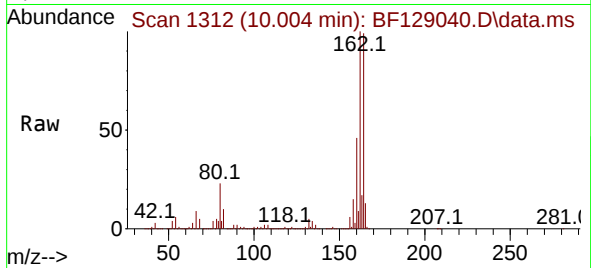
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF129040.D
Acq: 29 Jun 2022 17:28

Instrument :

BNA_F

ClientSampleId :

PB145630BS

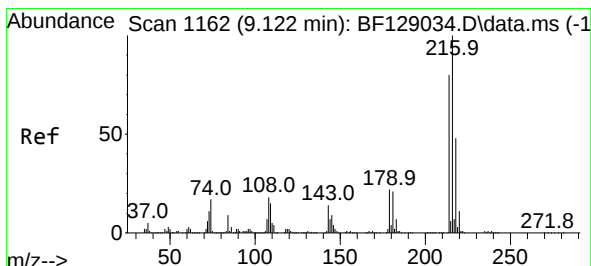
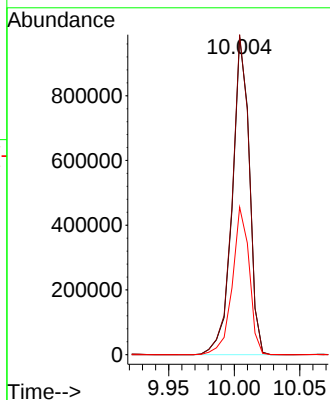
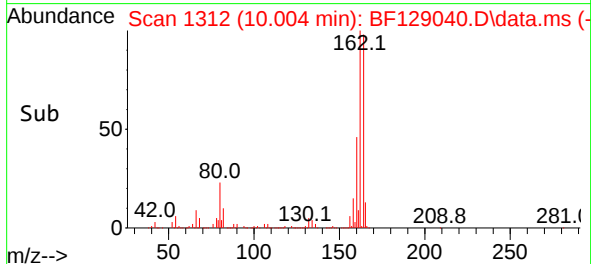


Tgt Ion:164 Resp: 889598
Ion Ratio Lower Upper
164 100
162 100.9 79.5 119.3
160 46.5 34.2 51.4

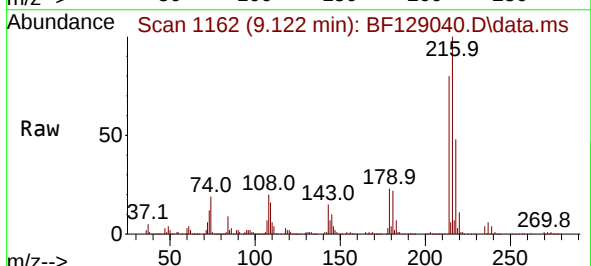
Manual Integrations

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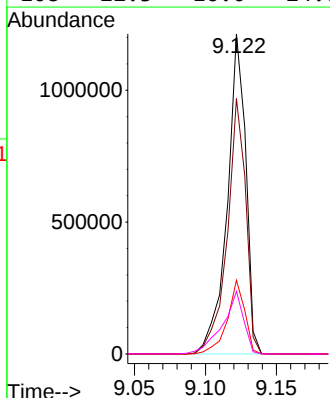
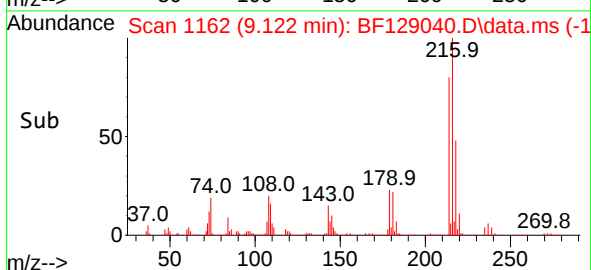
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022

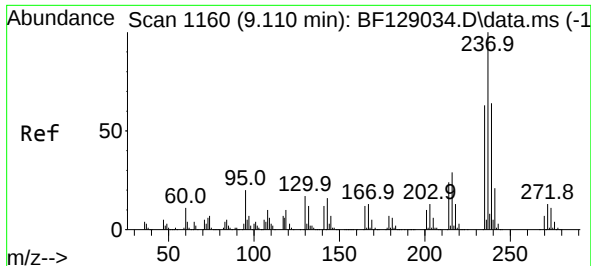


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.032 ng
RT: 9.122 min Scan# 1162
Delta R.T. -0.000 min
Lab File: BF129040.D
Acq: 29 Jun 2022 17:28



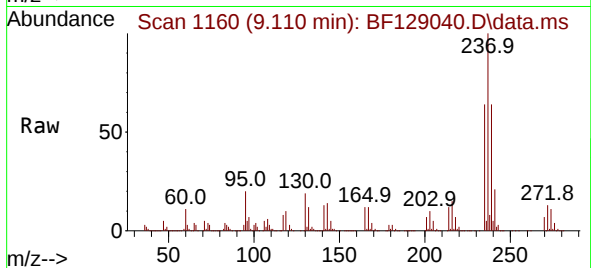
Tgt Ion:216 Resp: 1101020
Ion Ratio Lower Upper
216 100
214 79.5 63.6 95.4
179 21.8 17.0 25.6
108 22.3 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 107.718 ng
RT: 9.110 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BF129040.D
Acq: 29 Jun 2022 17:28

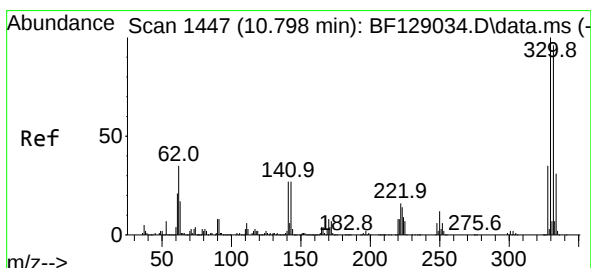
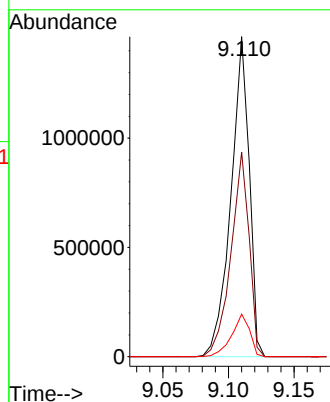
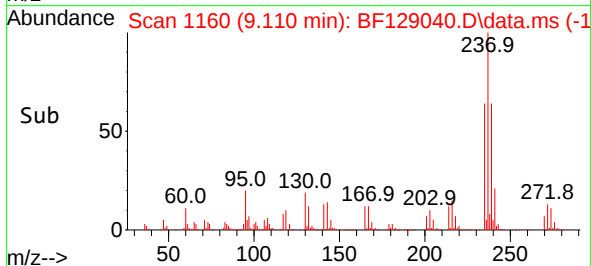
Instrument :
BNA_F
ClientSampleId :
PB145630BS



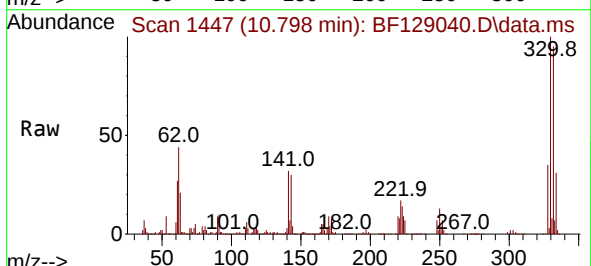
Tgt Ion:237 Resp: 142177
Ion Ratio Lower Upper
237 100
235 63.9 43.2 83.2
272 13.3 0.0 31.9

Manual Integrations
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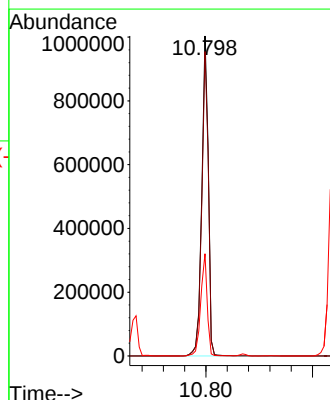
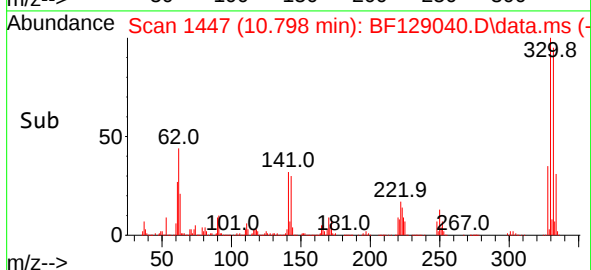
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022

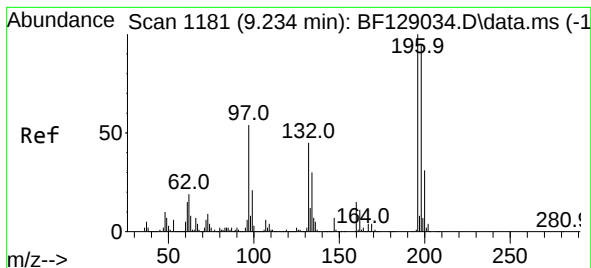


#42
2,4,6-Tribromophenol
Concen: 88.256 ng
RT: 10.798 min Scan# 1447
Delta R.T. -0.000 min
Lab File: BF129040.D
Acq: 29 Jun 2022 17:28



Tgt Ion:330 Resp: 853708
Ion Ratio Lower Upper
330 100
332 95.3 76.8 115.2
141 31.7 28.0 42.0





#43

2,4,6-Trichlorophenol

Concen: 46.639 ng

RT: 9.234 min Scan# 1181

Delta R.T. -0.000 min

Lab File: BF129040.D

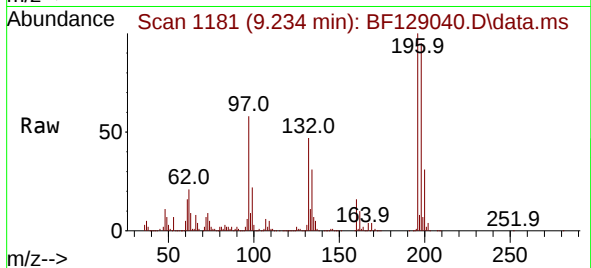
Acq: 29 Jun 2022 17:28

Instrument :

BNA_F

ClientSampleId :

PB145630BS



Tgt Ion:196 Resp: 794350

Ion Ratio Lower Upper

196 100

198 95.0 74.0 111.0

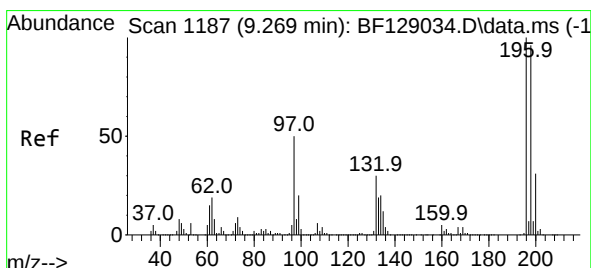
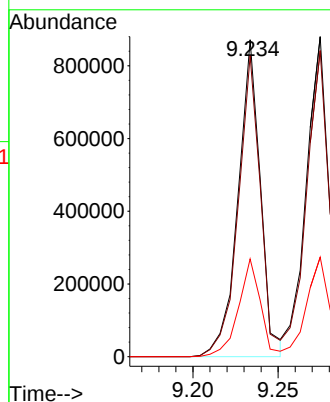
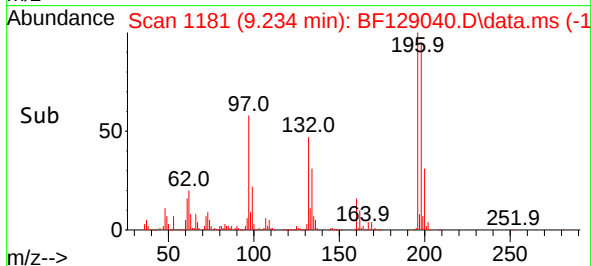
200 30.8 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/30/2022

Supervised By :Jagrut Upadhyay 07/01/2022



#44

2,4,5-Trichlorophenol

Concen: 44.319 ng

RT: 9.275 min Scan# 1188

Delta R.T. 0.006 min

Lab File: BF129040.D

Acq: 29 Jun 2022 17:28

Tgt Ion:196 Resp: 802912

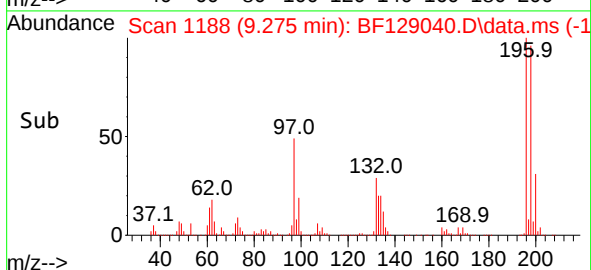
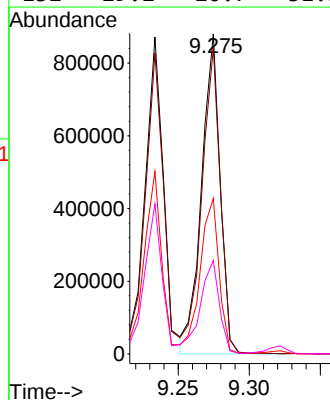
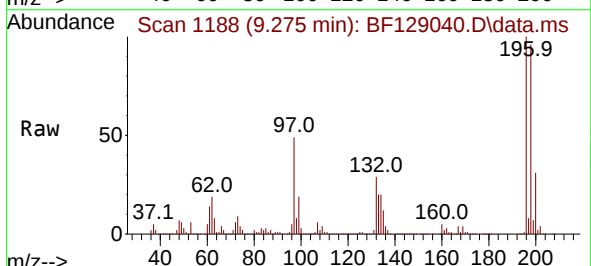
Ion Ratio Lower Upper

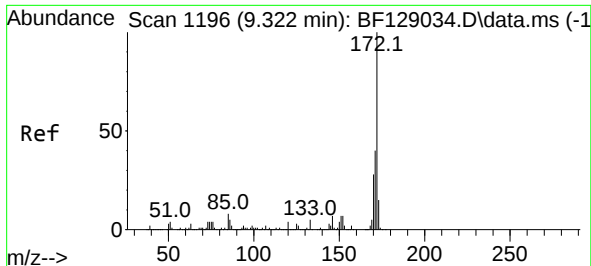
196 100

198 95.7 75.7 113.5

97 48.6 36.4 54.6

132 29.2 20.7 31.1





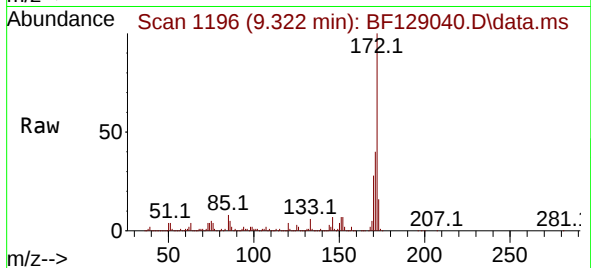
#45
2-Fluorobiphenyl
Concen: 79.308 ng
RT: 9.322 min Scan# 1196
Delta R.T. -0.000 min
Lab File: BF129040.D
Acq: 29 Jun 2022 17:28

Instrument :

BNA_F

ClientSampleId :

PB145630BS

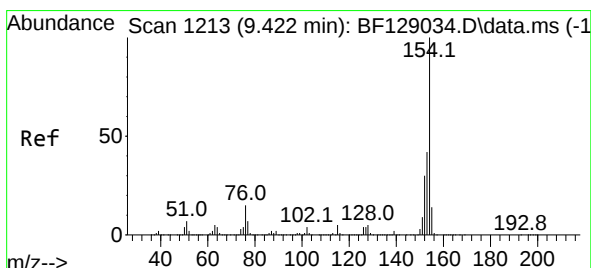
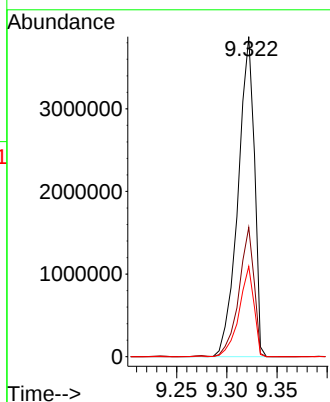
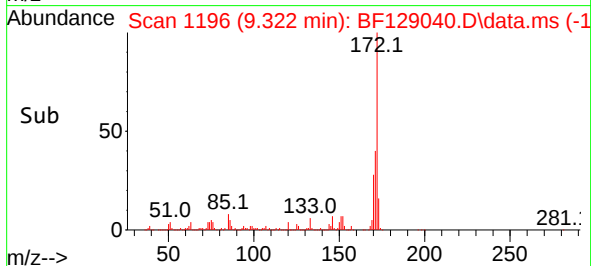


Tgt Ion:172 Resp: 4410119
Ion Ratio Lower Upper
172 100
171 40.4 28.8 43.2
170 28.2 19.8 29.8

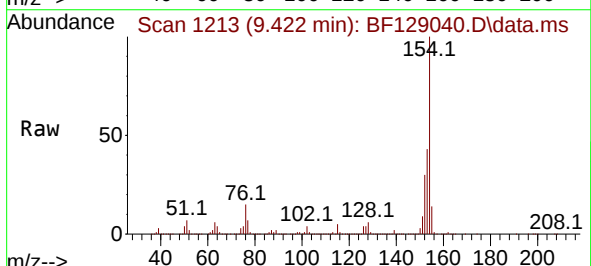
Manual Integrations

APPROVED

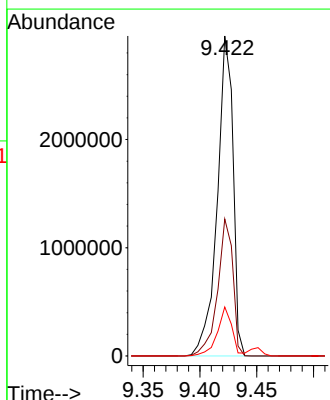
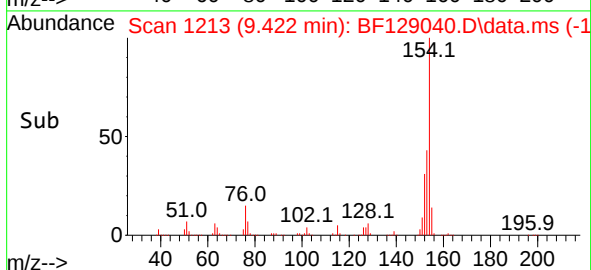
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022

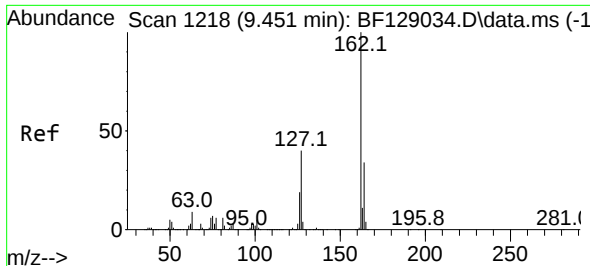


#46
1,1'-Biphenyl
Concen: 44.789 ng
RT: 9.422 min Scan# 1213
Delta R.T. -0.000 min
Lab File: BF129040.D
Acq: 29 Jun 2022 17:28



Tgt Ion:154 Resp: 2864524
Ion Ratio Lower Upper
154 100
153 42.8 20.6 60.6
76 15.3 0.0 33.3





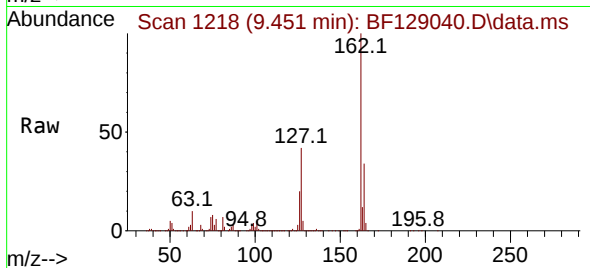
#47
2-Chloronaphthalene
Concen: 44.482 ng
RT: 9.451 min Scan# 1218
Delta R.T. -0.000 min
Lab File: BF129040.D
Acq: 29 Jun 2022 17:28

Instrument :

BNA_F

ClientSampleId :

PB145630BS

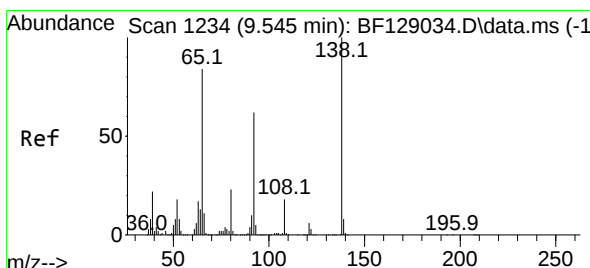
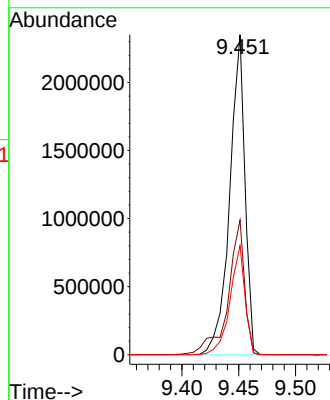
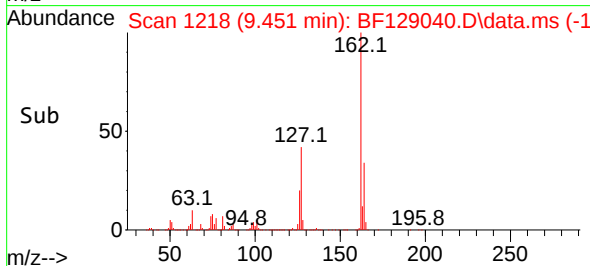


Tgt Ion:162 Resp: 2196930
Ion Ratio Lower Upper
162 100
127 42.1 34.5 51.7
164 34.1 26.5 39.7

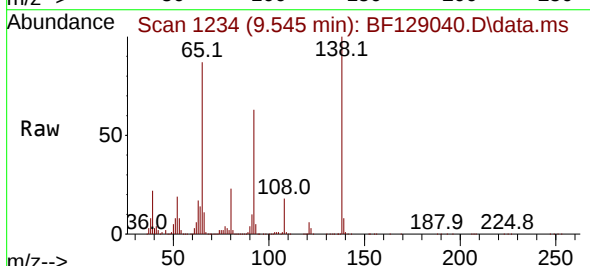
Manual Integrations

APPROVED

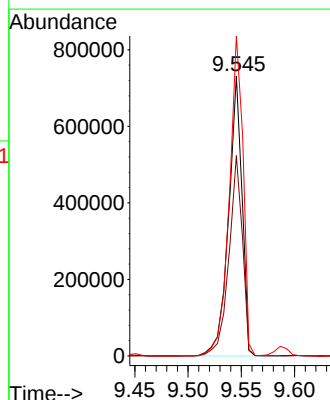
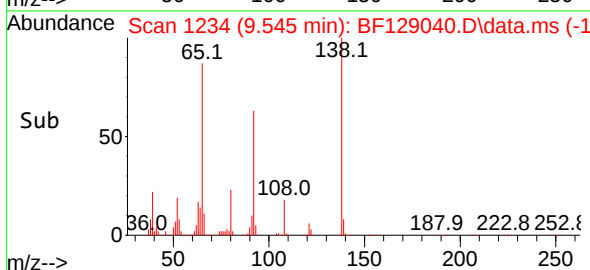
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#48
2-Nitroaniline
Concen: 49.576 ng
RT: 9.545 min Scan# 1234
Delta R.T. -0.000 min
Lab File: BF129040.D
Acq: 29 Jun 2022 17:28



Tgt Ion: 65 Resp: 644893
Ion Ratio Lower Upper
65 100
92 71.6 51.9 77.9
138 114.3 76.4 114.6





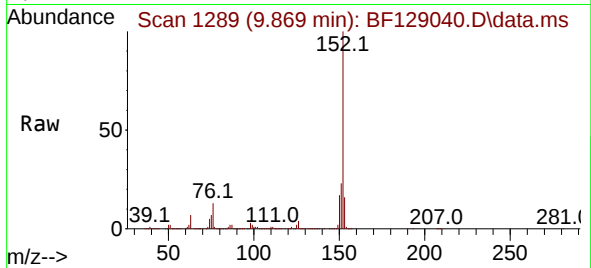
#49
Acenaphthylene
Concen: 47.602 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BF129040.D
Acq: 29 Jun 2022 17:28

Instrument :

BNA_F

ClientSampleId :

PB145630BS

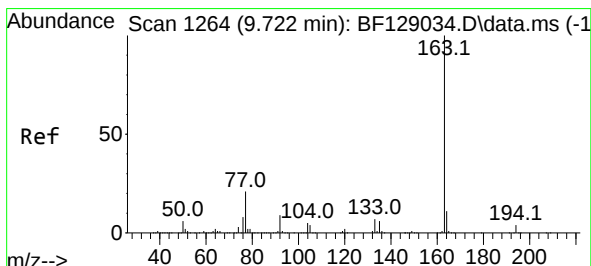
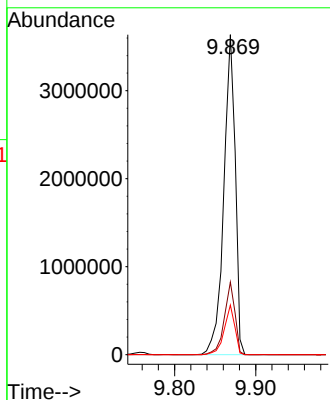
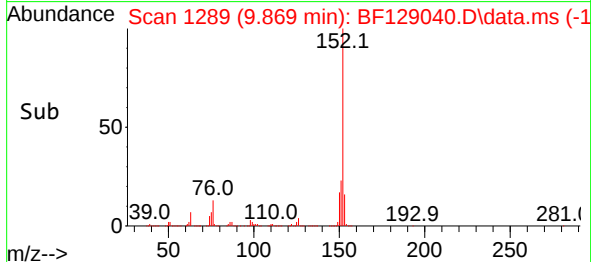


Tgt Ion:152 Resp: 3572328
Ion Ratio Lower Upper
152 100
151 22.7 16.2 24.4
153 15.5 10.7 16.1

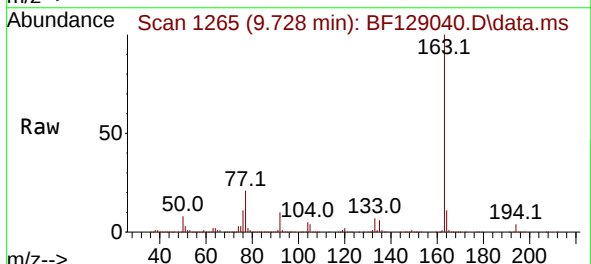
Manual Integrations

APPROVED

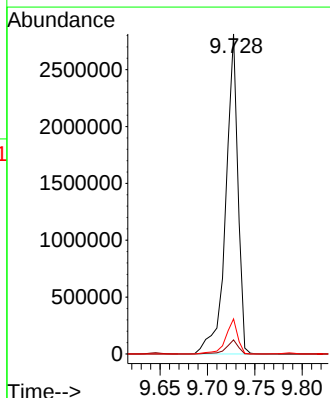
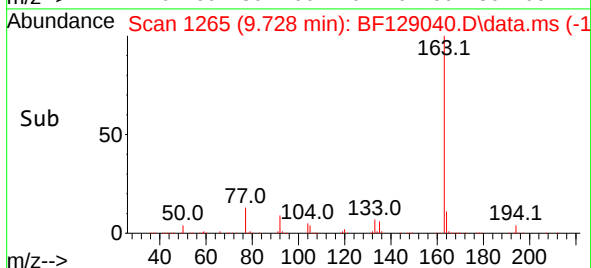
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022

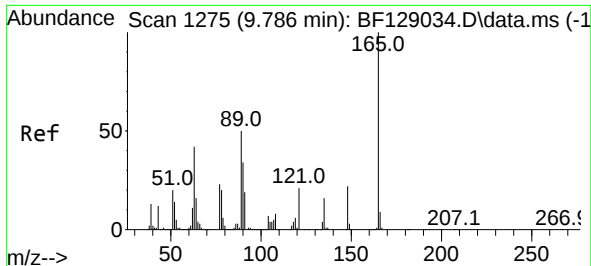


#50
Dimethylphthalate
Concen: 45.145 ng
RT: 9.728 min Scan# 1265
Delta R.T. 0.006 min
Lab File: BF129040.D
Acq: 29 Jun 2022 17:28



Tgt Ion:163 Resp: 2512477
Ion Ratio Lower Upper
163 100
194 4.4 3.2 4.8
164 11.0 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 51.266 ng

RT: 9.786 min Scan# 1275

Delta R.T. -0.000 min

Lab File: BF129040.D

Acq: 29 Jun 2022 17:28

Instrument :

BNA_F

ClientSampleId :

PB145630BS

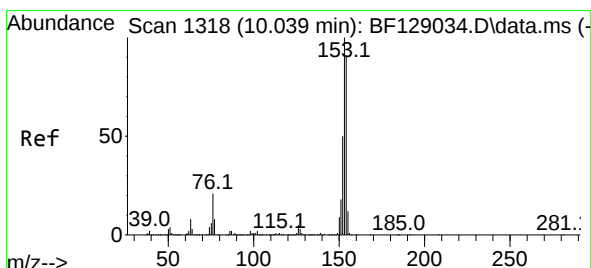
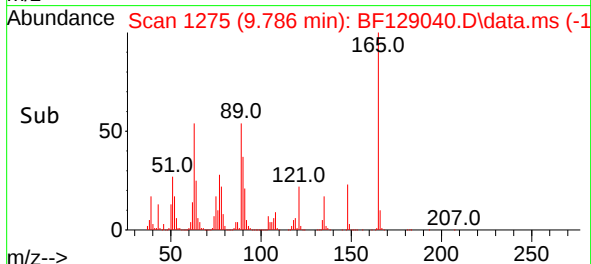
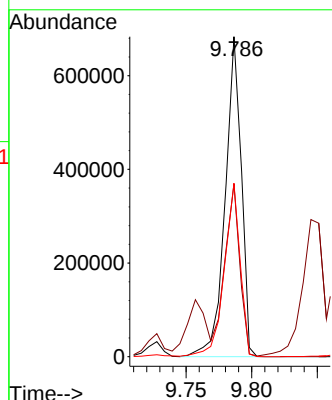
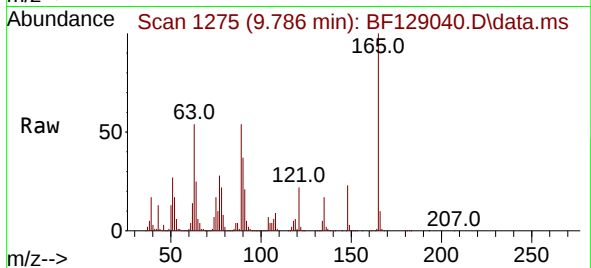
Tgt Ion:165 Resp: 58301

Ion	Ratio	Lower	Upper
165	100		
63	54.0	44.9	67.3
89	54.2	43.6	65.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#52

Acenaphthene

Concen: 49.225 ng

RT: 10.039 min Scan# 1318

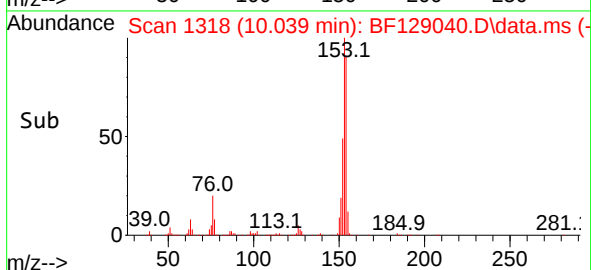
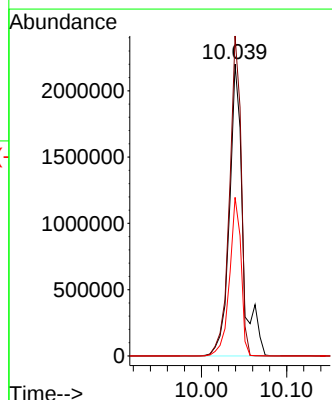
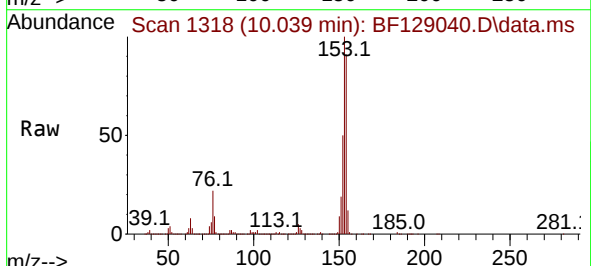
Delta R.T. -0.000 min

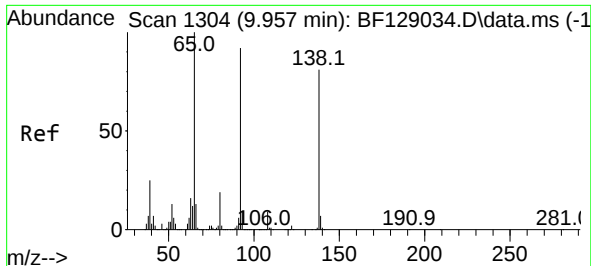
Lab File: BF129040.D

Acq: 29 Jun 2022 17:28

Tgt Ion:154 Resp: 2406301

Ion	Ratio	Lower	Upper
154	100		
153	109.7	89.6	134.4
152	54.3	42.4	63.6





#53
3-Nitroaniline
Concen: 33.131 ng
RT: 9.957 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129040.D
Acq: 29 Jun 2022 17:28

Instrument :

BNA_F

ClientSampleId :

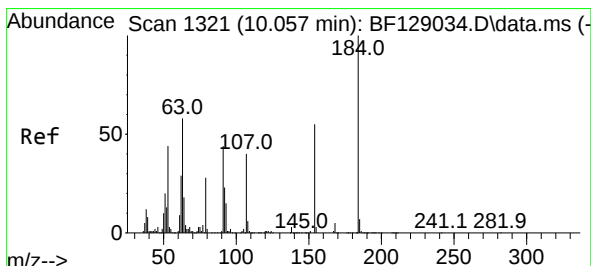
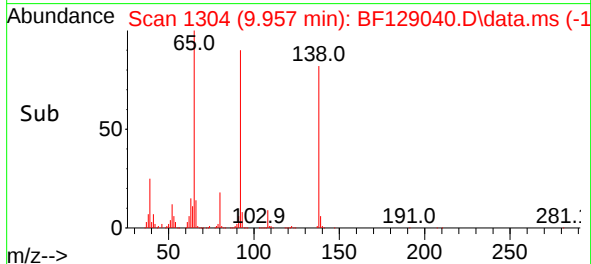
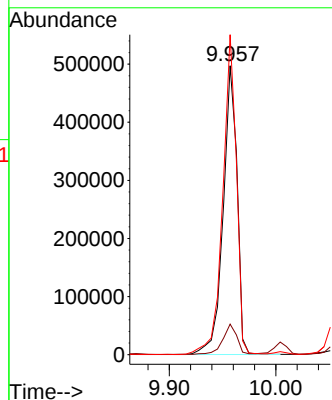
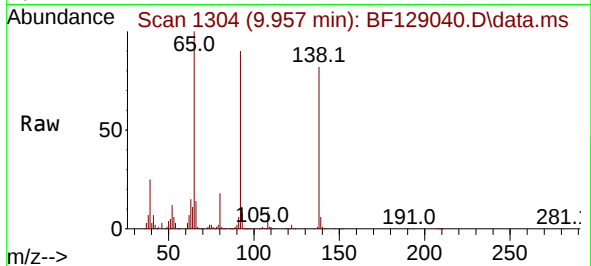
PB145630BS

Tgt Ion:138 Resp: 449308
Ion Ratio Lower Upper
138 100
108 10.6 10.9 16.3#
92 110.7 98.2 147.2

Manual Integrations

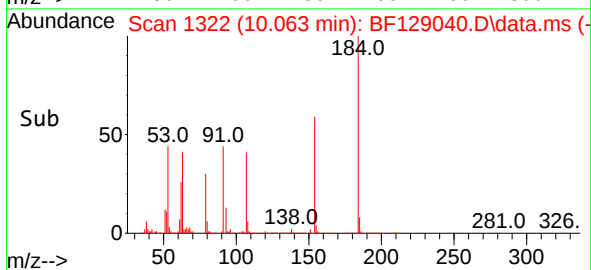
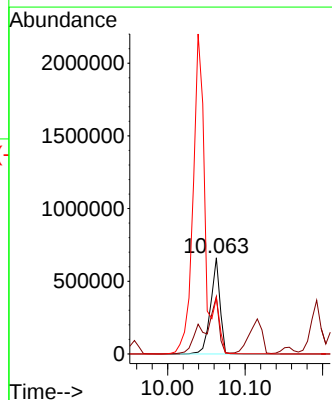
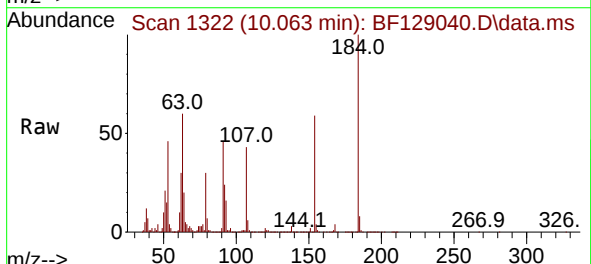
APPROVED

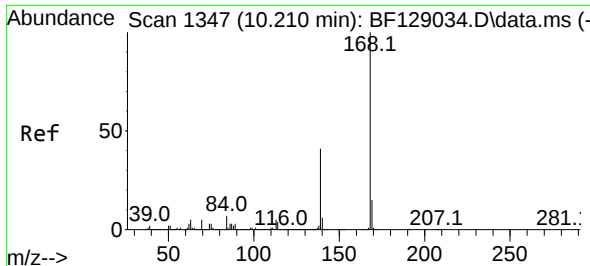
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#54
2,4-Dinitrophenol
Concen: 89.263 ng
RT: 10.063 min Scan# 1322
Delta R.T. 0.006 min
Lab File: BF129040.D
Acq: 29 Jun 2022 17:28

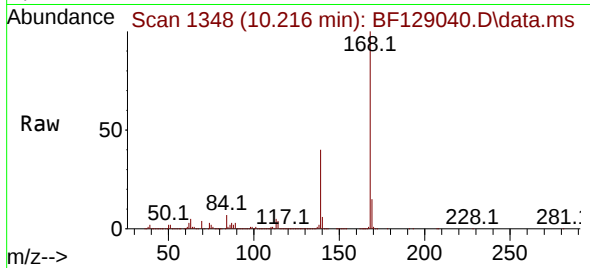
Tgt Ion:184 Resp: 554313
Ion Ratio Lower Upper
184 100
63 59.6 64.5 96.7#
154 58.7 50.6 75.8





#55
Dibenzenofuran
Concen: 43.788 ng
RT: 10.216 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF129040.D
Acq: 29 Jun 2022 17:28

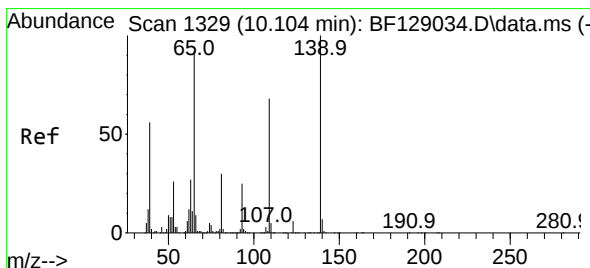
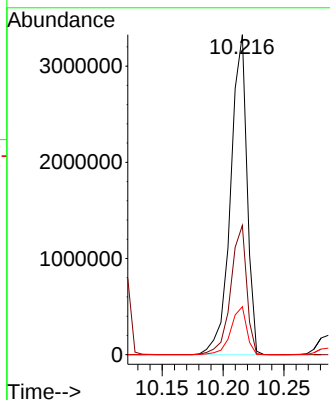
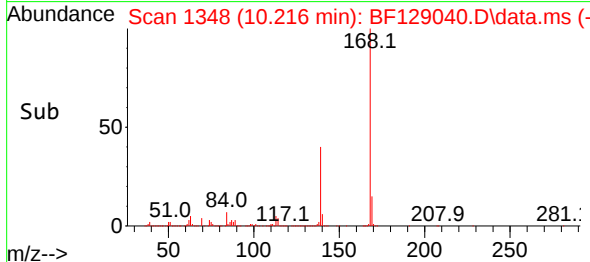
Instrument :
BNA_F
ClientSampleId :
PB145630BS



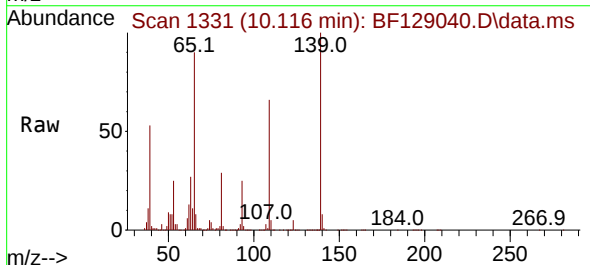
Tgt Ion:168 Resp: 311681
Ion Ratio Lower Upper
168 100
139 40.4 30.6 46.0
169 15.0 11.0 16.6

Manual Integrations
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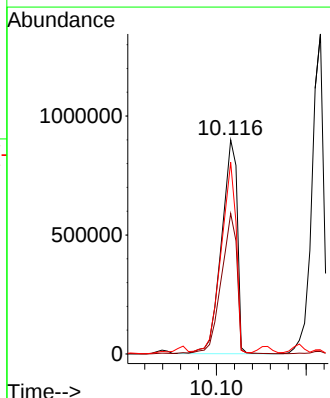
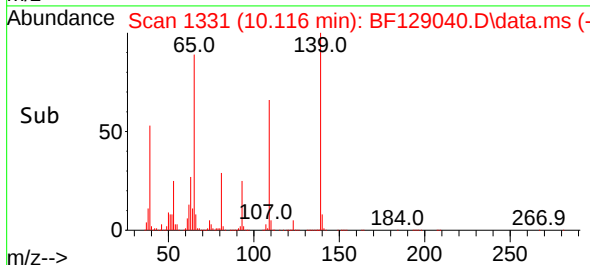
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022

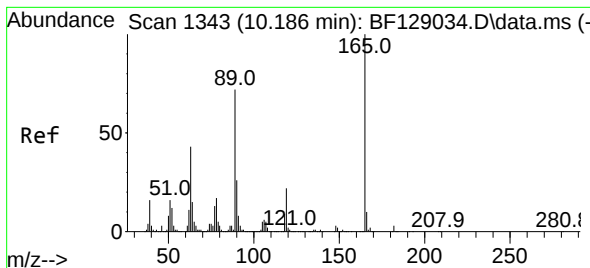


#56
4-Nitrophenol
Concen: 98.731 ng
RT: 10.116 min Scan# 1331
Delta R.T. 0.012 min
Lab File: BF129040.D
Acq: 29 Jun 2022 17:28



Tgt Ion:139 Resp: 1094014
Ion Ratio Lower Upper
139 100
109 65.6 50.7 90.7
65 89.5 74.5 114.5





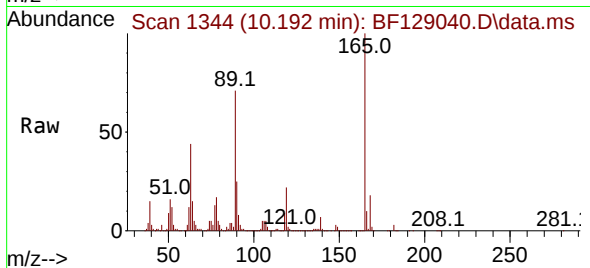
#57
2,4-Dinitrotoluene
Concen: 53.291 ng
RT: 10.192 min Scan# 1344
Delta R.T. 0.006 min
Lab File: BF129040.D
Acq: 29 Jun 2022 17:28

Instrument :

BNF_F

ClientSampleId :

PB145630BS

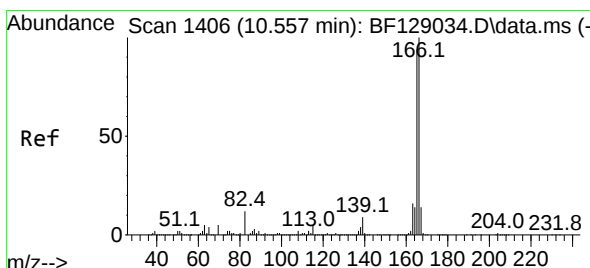
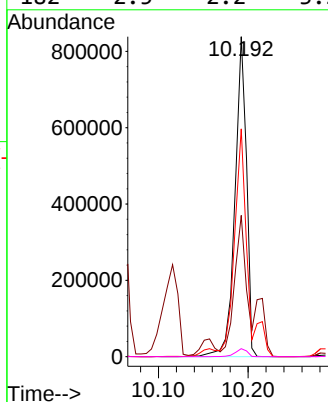
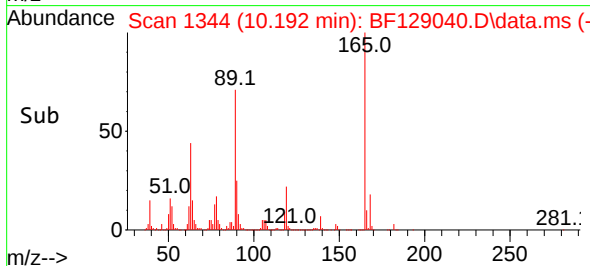


Tgt Ion:165 Resp: 74818
Ion Ratio Lower Upper
165 100
63 44.1 39.8 59.6
89 71.2 60.2 90.2
182 2.5 2.2 3.2

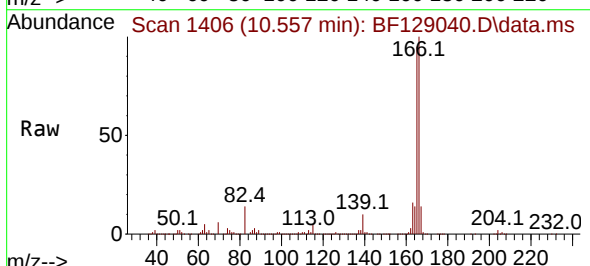
Manual Integrations

APPROVED

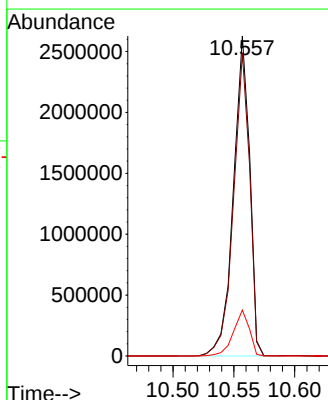
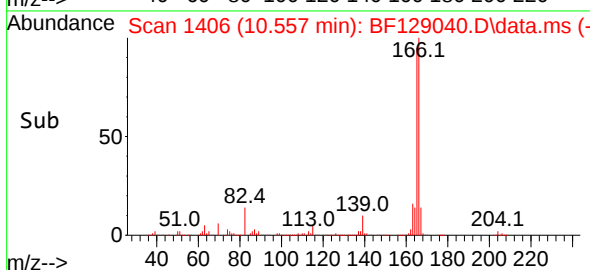
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022

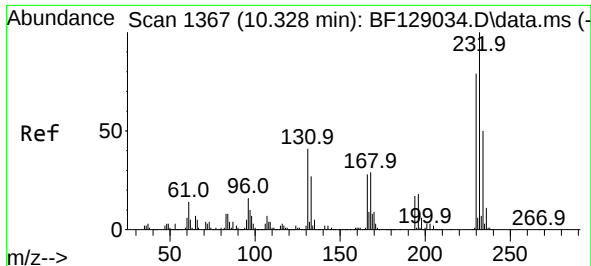


#58
Fluorene
Concen: 44.357 ng
RT: 10.557 min Scan# 1406
Delta R.T. -0.000 min
Lab File: BF129040.D
Acq: 29 Jun 2022 17:28



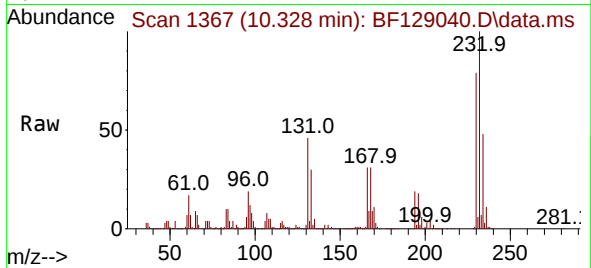
Tgt Ion:166 Resp: 2442230
Ion Ratio Lower Upper
166 100
165 94.8 78.1 117.1
167 14.3 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.978 ng
RT: 10.328 min Scan# 1367
Delta R.T. -0.000 min
Lab File: BF129040.D
Acq: 29 Jun 2022 17:28

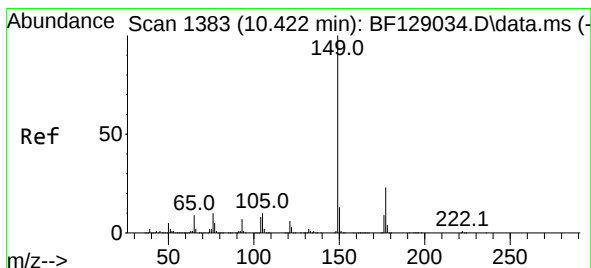
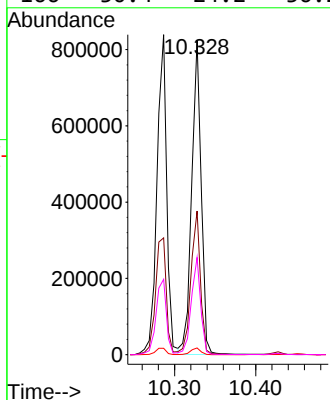
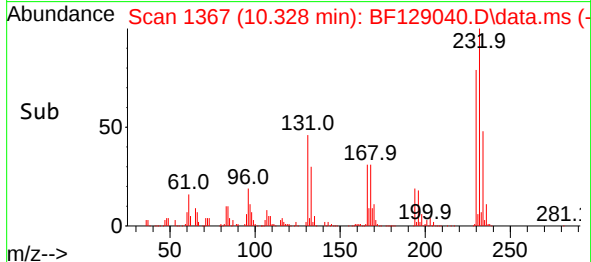
Instrument :
BNA_F
ClientSampleId :
PB145630BS



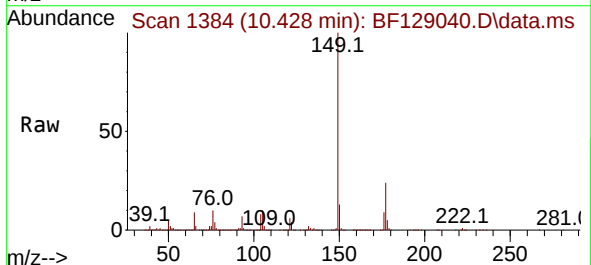
Tgt Ion:232 Resp: 675069
Ion Ratio Lower Upper
232 100
131 45.4 36.1 54.1
130 2.2 1.8 2.8
166 30.4 24.2 36.2

Manual Integrations
APPROVED

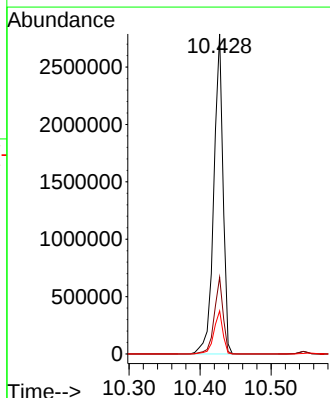
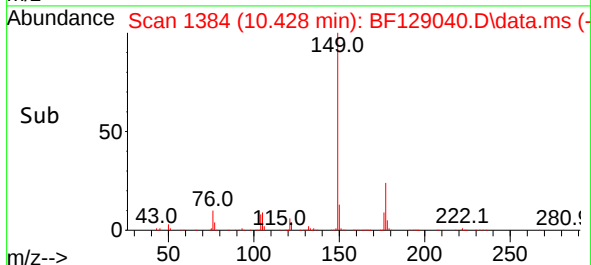
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022

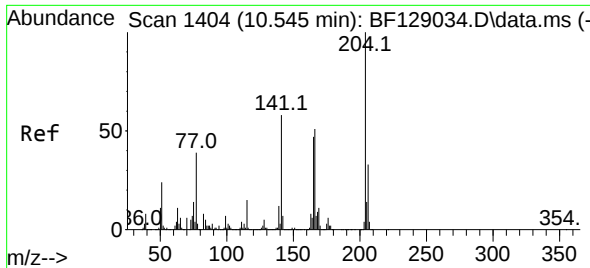


#60
Diethylphthalate
Concen: 44.974 ng
RT: 10.428 min Scan# 1384
Delta R.T. 0.006 min
Lab File: BF129040.D
Acq: 29 Jun 2022 17:28



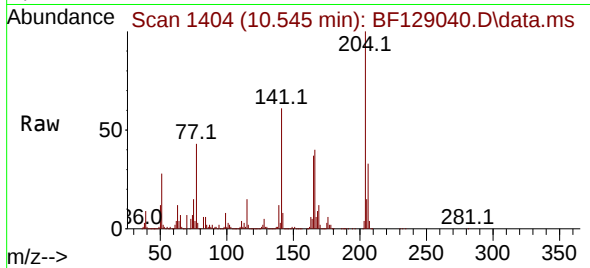
Tgt Ion:149 Resp: 2508046
Ion Ratio Lower Upper
149 100
177 23.9 17.3 25.9
150 13.5 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 43.898 ng
RT: 10.545 min Scan# 1404
Delta R.T. -0.000 min
Lab File: BF129040.D
Acq: 29 Jun 2022 17:28

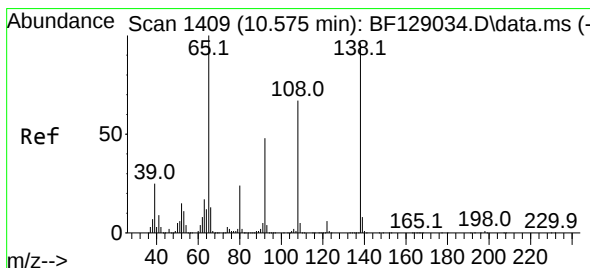
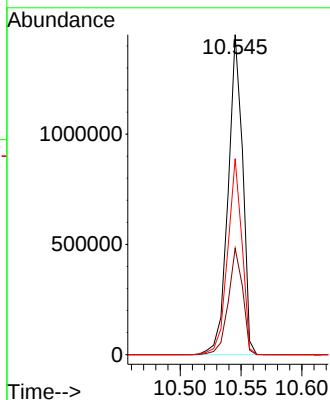
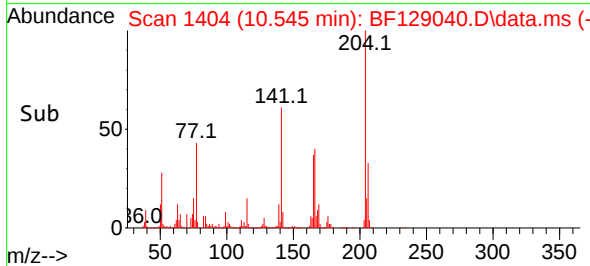
Instrument :
BNA_F
ClientSampleId :
PB145630BS



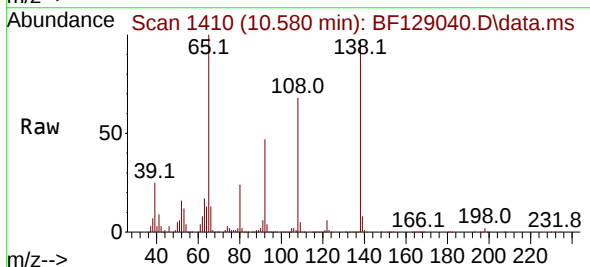
Tgt Ion:204 Resp: 1204230
Ion Ratio Lower Upper
204 100
206 33.2 25.8 38.6
141 61.3 47.0 70.4

Manual Integrations
APPROVED

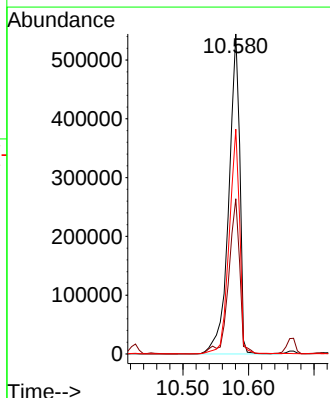
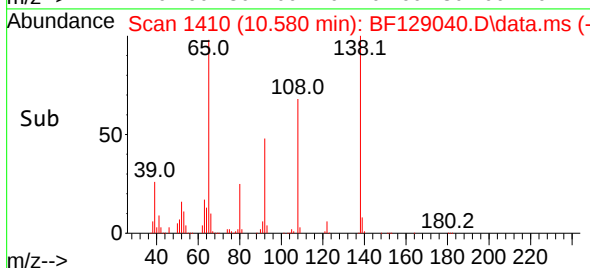
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022

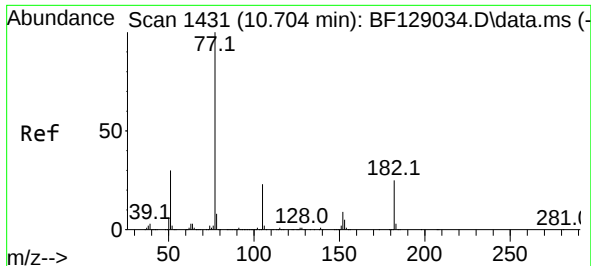


#62
4-Nitroaniline
Concen: 47.159 ng
RT: 10.580 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF129040.D
Acq: 29 Jun 2022 17:28



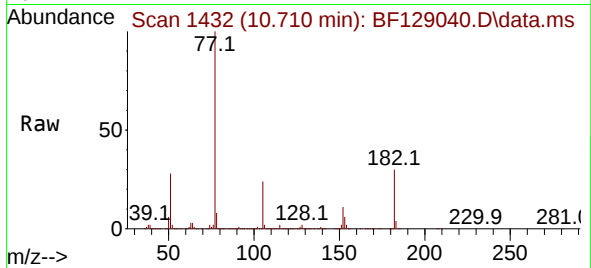
Tgt Ion:138 Resp: 634202
Ion Ratio Lower Upper
138 100
92 48.5 33.5 73.5
108 70.3 61.0 101.0





#63
Azobenzene
Concen: 44.347 ng
RT: 10.710 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF129040.D
Acq: 29 Jun 2022 17:28

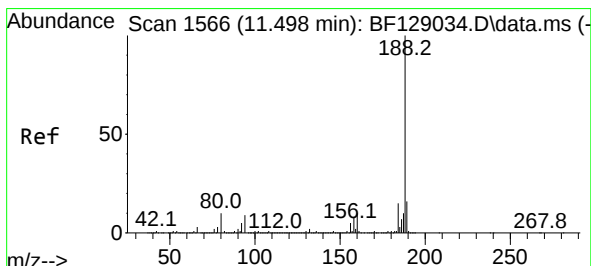
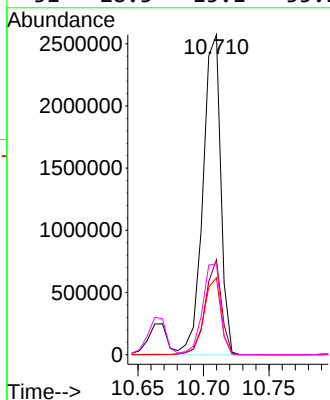
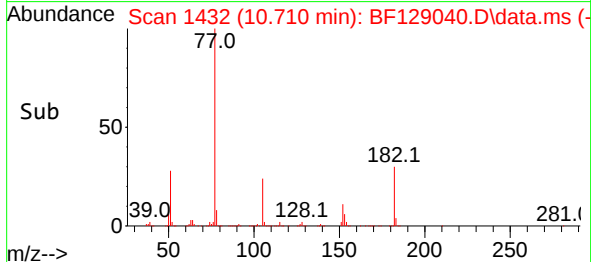
Instrument :
BNA_F
ClientSampleId :
PB145630BS



Tgt Ion: 77 Resp: 242296
Ion Ratio Lower Upper
77 100
182 29.6 5.6 45.6
105 24.0 1.6 41.6
51 28.5 15.1 55.1

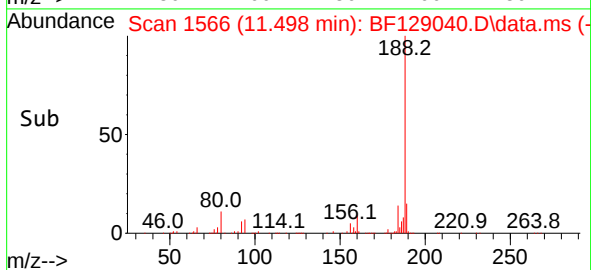
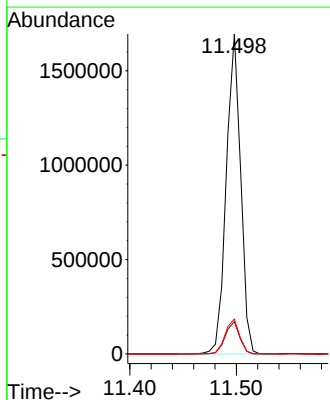
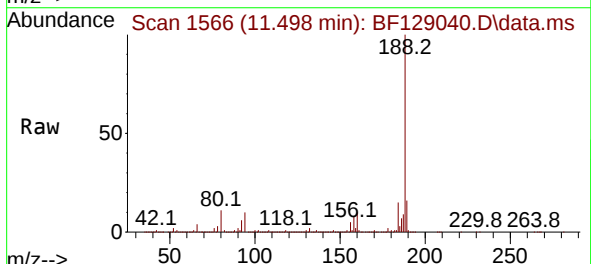
Manual Integrations
APPROVED

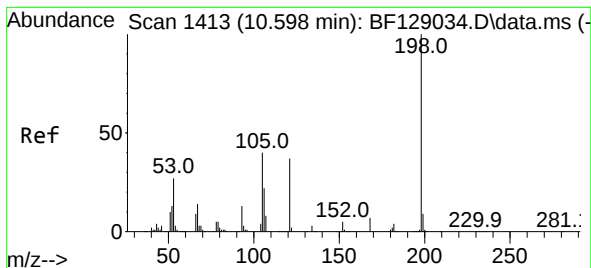
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1566
Delta R.T. 0.000 min
Lab File: BF129040.D
Acq: 29 Jun 2022 17:28

Tgt Ion:188 Resp: 1581933
Ion Ratio Lower Upper
188 100
94 10.1 7.0 10.6
80 10.9 7.6 11.4





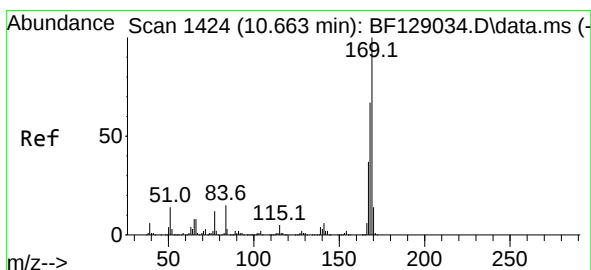
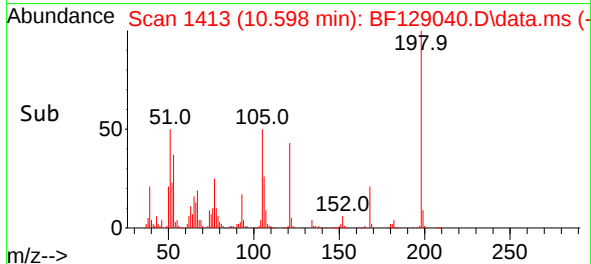
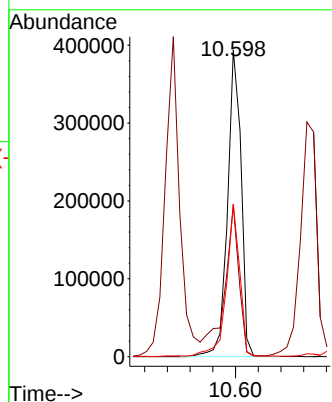
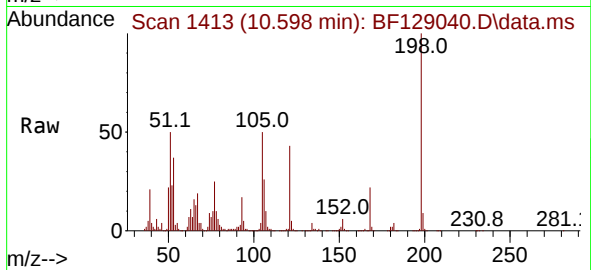
#65
4,6-Dinitro-2-methylphenol
Concen: 46.555 ng
RT: 10.598 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF129040.D
Acq: 29 Jun 2022 17:28

Instrument :
BNA_F
ClientSampleId :
PB145630BS

Tgt Ion:198 Resp: 32582
Ion Ratio Lower Upper
198 100
51 49.6 37.6 77.6
105 49.8 27.0 67.0

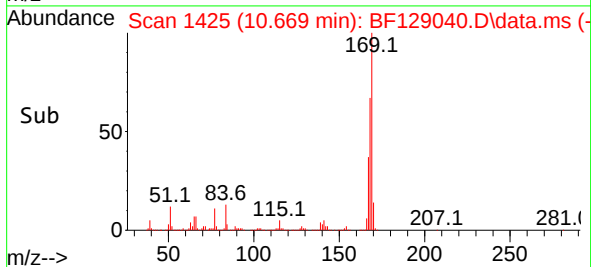
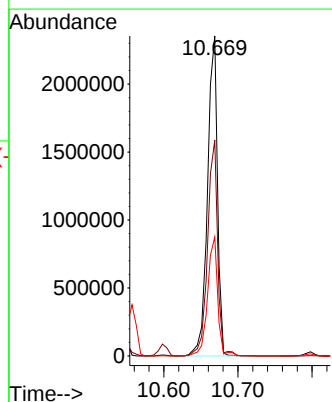
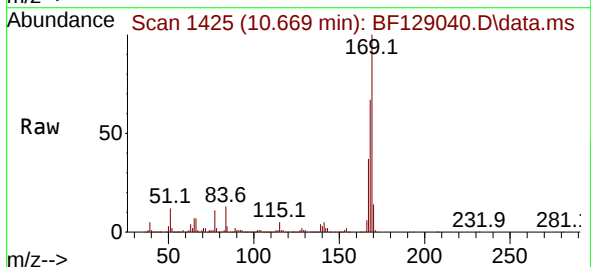
Manual Integrations
APPROVED

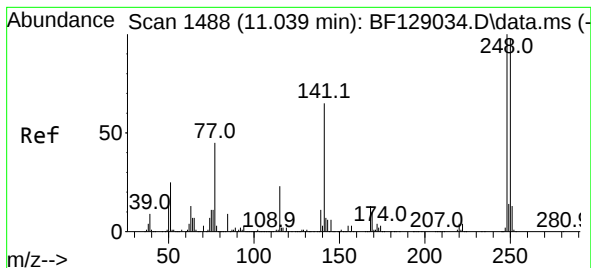
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#66
n-Nitrosodiphenylamine
Concen: 45.879 ng
RT: 10.669 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF129040.D
Acq: 29 Jun 2022 17:28

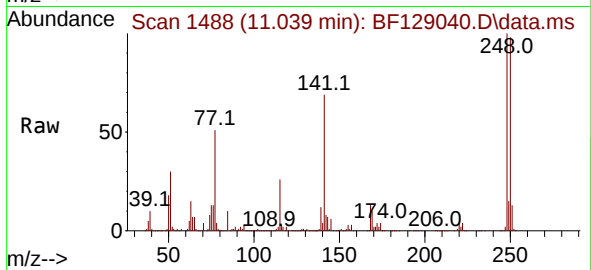
Tgt Ion:169 Resp: 2204235
Ion Ratio Lower Upper
169 100
168 67.4 50.1 75.1
167 37.2 27.9 41.9





#67
4-Bromophenyl-phenylether
Concen: 45.479 ng
RT: 11.039 min Scan# 1488
Delta R.T. -0.000 min
Lab File: BF129040.D
Acq: 29 Jun 2022 17:28

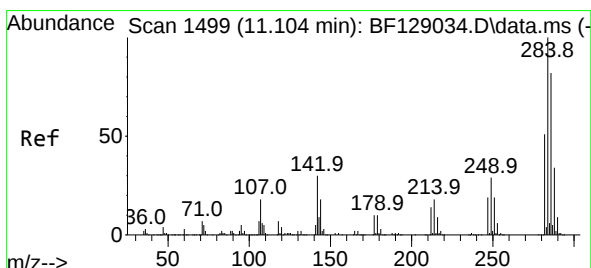
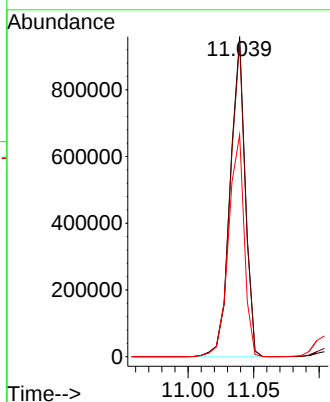
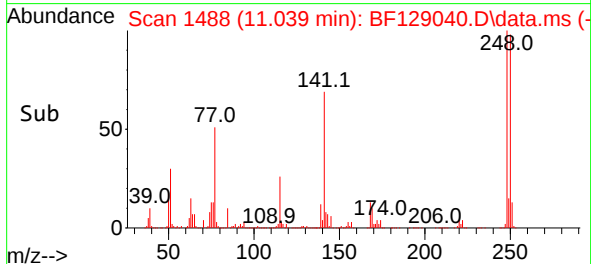
Instrument :
BNA_F
ClientSampleId :
PB145630BS



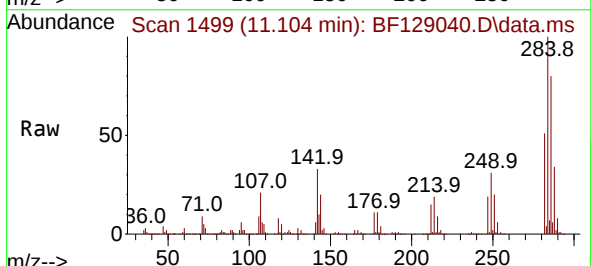
Tgt Ion:248 Resp: 76529
Ion Ratio Lower Upper
248 100
250 98.3 80.6 120.8
141 69.4 58.9 88.3

Manual Integrations
APPROVED

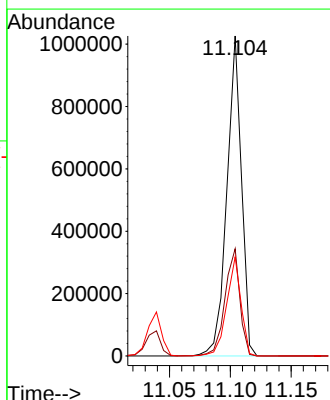
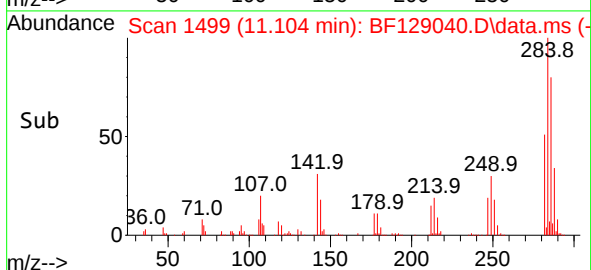
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#68
Hexachlorobenzene
Concen: 45.790 ng
RT: 11.104 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF129040.D
Acq: 29 Jun 2022 17:28



Tgt Ion:284 Resp: 858001
Ion Ratio Lower Upper
284 100
142 33.5 29.0 43.4
249 31.0 25.0 37.6





#69

Atrazine

Concen: 53.936 ng

RT: 11.198 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF129040.D

Acq: 29 Jun 2022 17:28

Instrument :

BNA_F

ClientSampleId :

PB145630BS

Tgt Ion:200 Resp: 72917

Ion Ratio Lower Upper

200 100

173 26.9 6.3 46.3

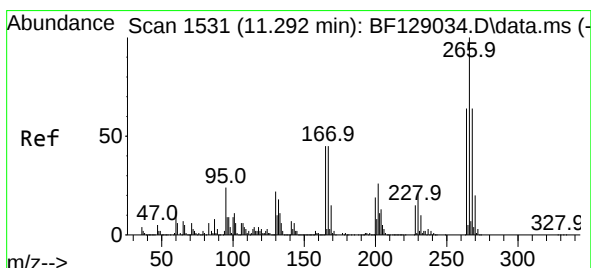
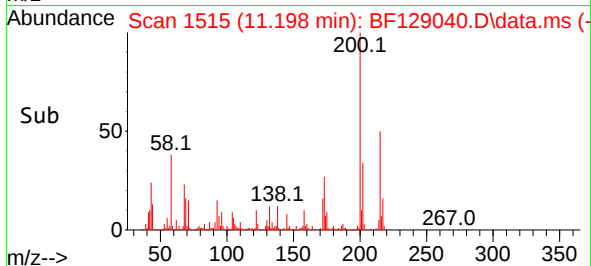
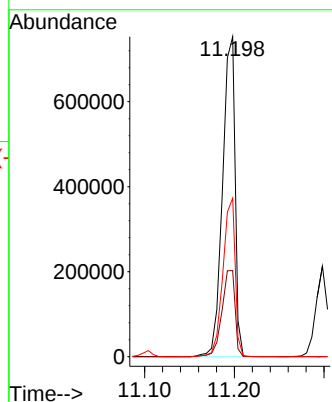
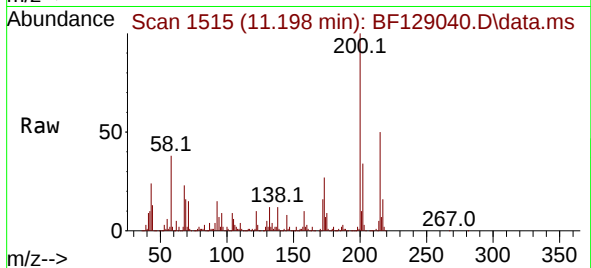
215 49.5 28.3 68.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/30/2022

Supervised By :Jagrut Upadhyay 07/01/2022



#70

Pentachlorophenol

Concen: 91.081 ng

RT: 11.298 min Scan# 1532

Delta R.T. 0.006 min

Lab File: BF129040.D

Acq: 29 Jun 2022 17:28

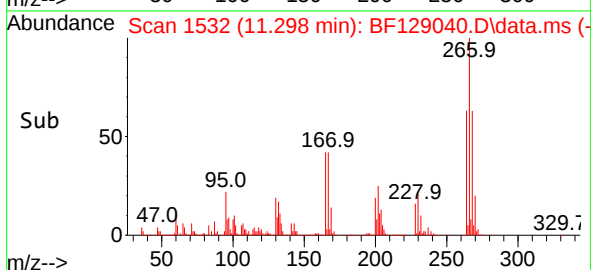
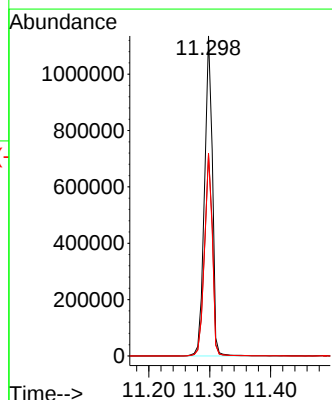
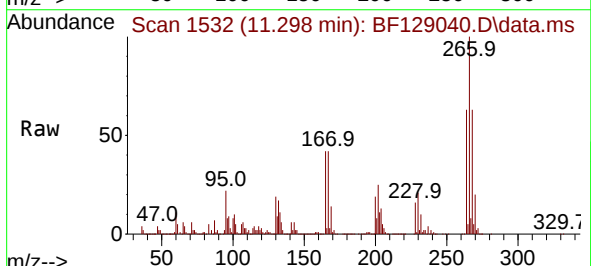
Tgt Ion:266 Resp: 1016519

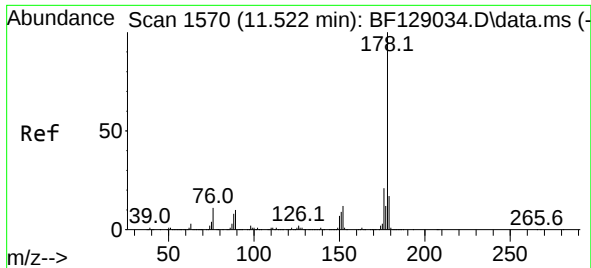
Ion Ratio Lower Upper

266 100

268 63.0 51.0 76.4

264 63.3 49.4 74.2





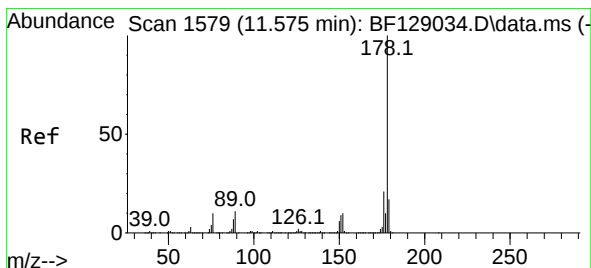
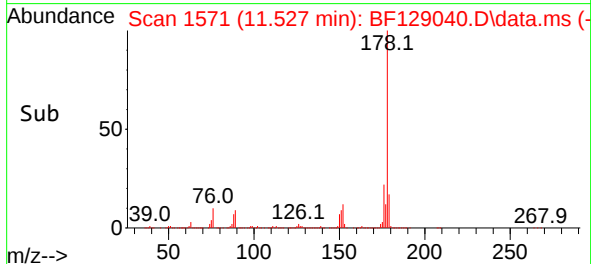
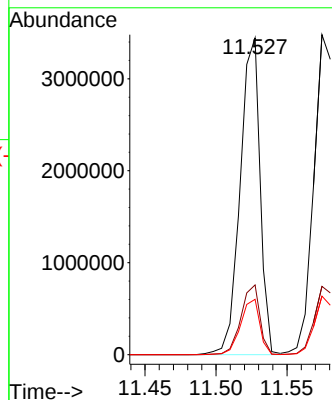
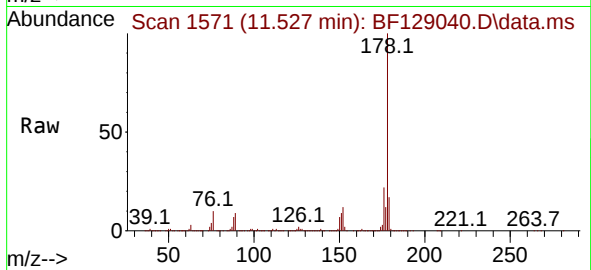
#71
Phenanthrene
Concen: 44.553 ng
RT: 11.527 min Scan# 1570
Delta R.T. 0.006 min
Lab File: BF129040.D
Acq: 29 Jun 2022 17:28

Instrument :
BNA_F
ClientSampleId :
PB145630BS

Tgt Ion:178 Resp: 336753
Ion Ratio Lower Upper
178 100
176 22.0 16.0 24.0
179 17.5 12.6 19.0

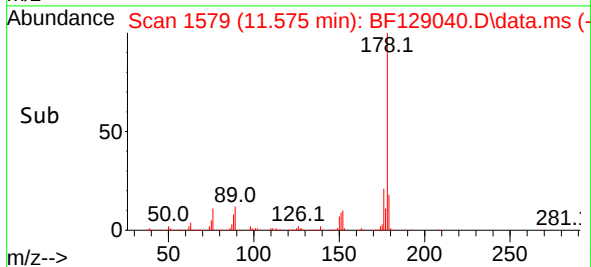
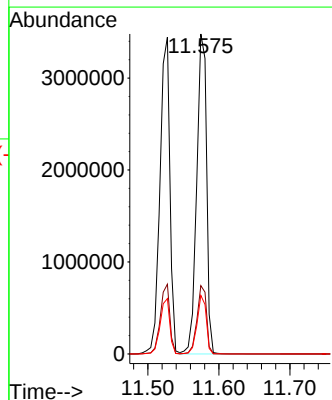
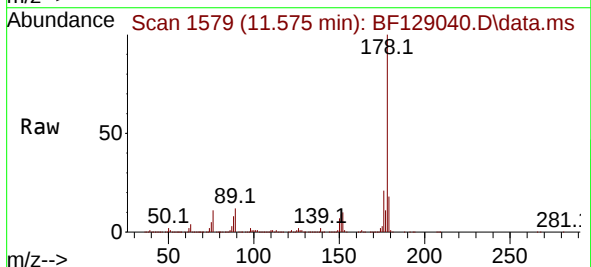
Manual Integrations
APPROVED

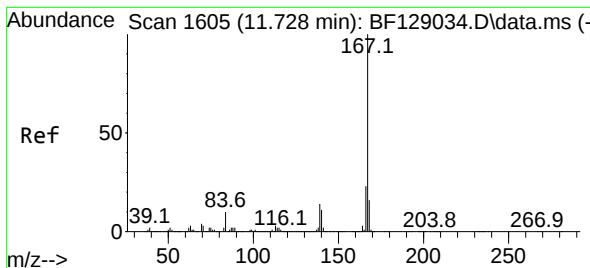
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#72
Anthracene
Concen: 45.191 ng
RT: 11.575 min Scan# 1579
Delta R.T. -0.000 min
Lab File: BF129040.D
Acq: 29 Jun 2022 17:28

Tgt Ion:178 Resp: 3367721
Ion Ratio Lower Upper
178 100
176 21.3 15.4 23.2
179 18.3 12.6 19.0





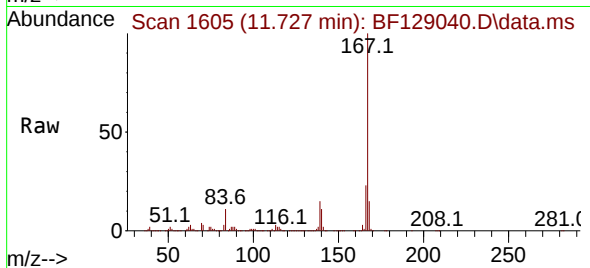
#73
 Carbazole
 Concen: 43.600 ng
 RT: 11.727 min Scan# 1605
 Delta R.T. -0.000 min
 Lab File: BF129040.D
 Acq: 29 Jun 2022 17:28

Instrument :

BNA_F

ClientSampleId :

PB145630BS

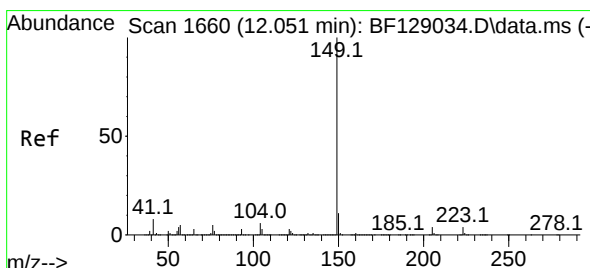
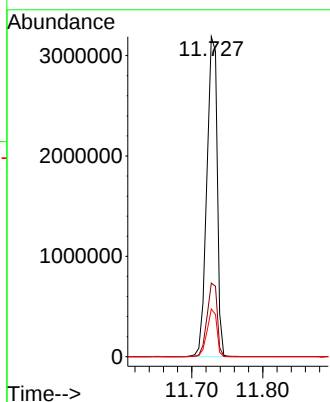
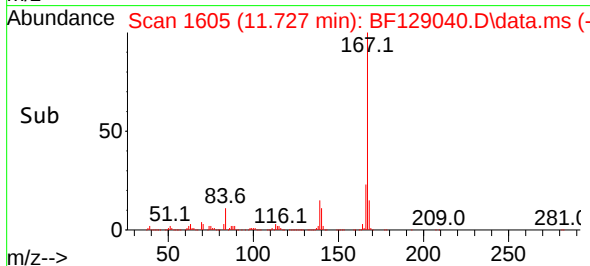


Tgt Ion:167 Resp: 325571
 Ion Ratio Lower Upper
 167 100
 166 23.0 17.7 26.5
 139 14.9 11.2 16.8

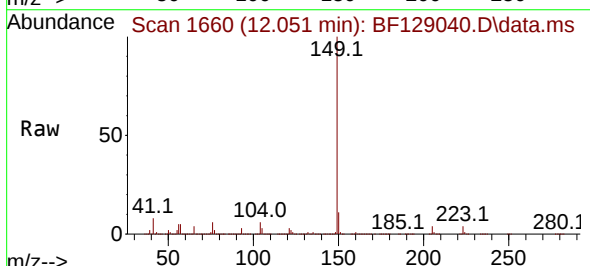
Manual Integrations

APPROVED

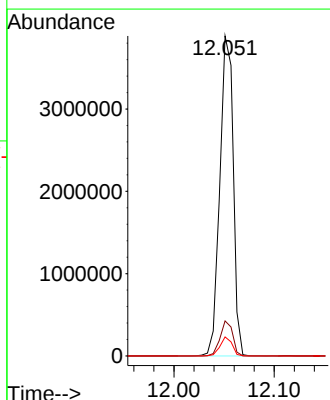
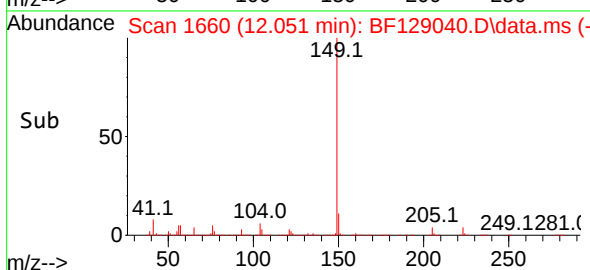
Reviewed By :Christian Giraldo 06/30/2022
 Supervised By :Jagrut Upadhyay 07/01/2022

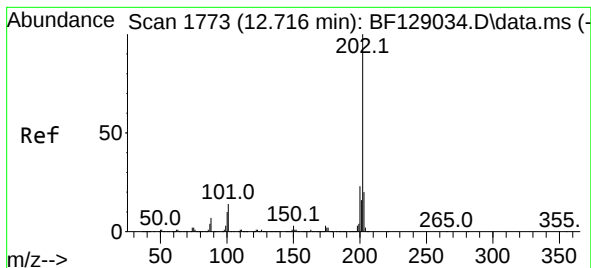


#74
 Di-n-butylphthalate
 Concen: 45.741 ng
 RT: 12.051 min Scan# 1660
 Delta R.T. -0.000 min
 Lab File: BF129040.D
 Acq: 29 Jun 2022 17:28



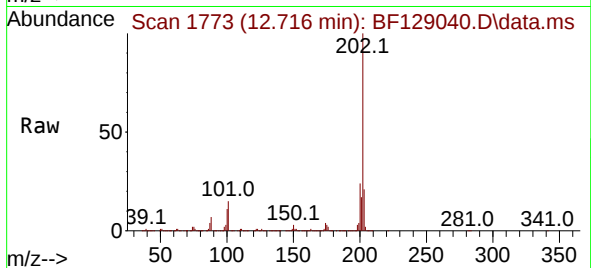
Tgt Ion:149 Resp: 3601305
 Ion Ratio Lower Upper
 149 100
 150 10.9 7.5 11.3
 104 6.0 4.4 6.6





#75
Fluoranthene
Concen: 44.571 ng
RT: 12.716 min Scan# 1773
Delta R.T. -0.000 min
Lab File: BF129040.D
Acq: 29 Jun 2022 17:28

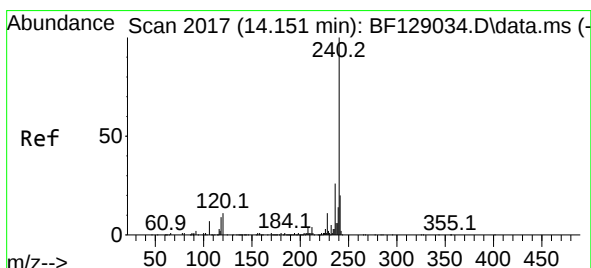
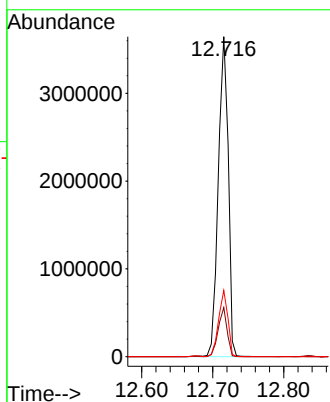
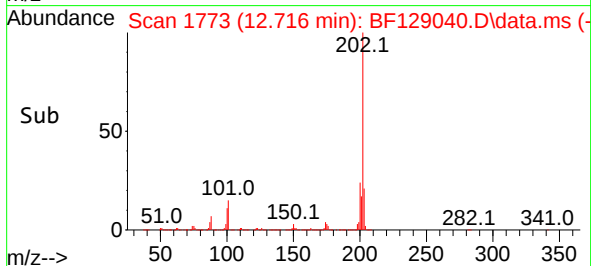
Instrument :
BNA_F
ClientSampleId :
PB145630BS



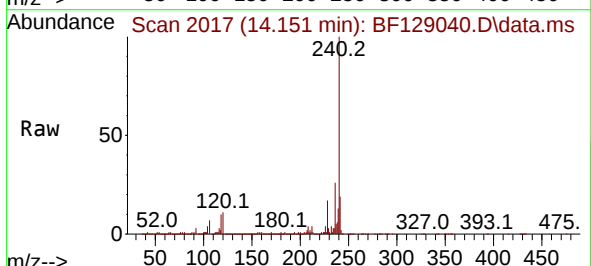
Tgt Ion:202 Resp: 352323
Ion Ratio Lower Upper
202 100
101 15.4 0.0 31.4
203 20.7 0.0 38.0

Manual Integrations
APPROVED

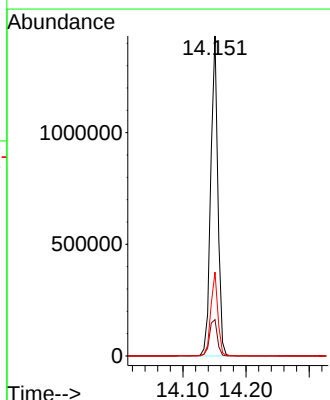
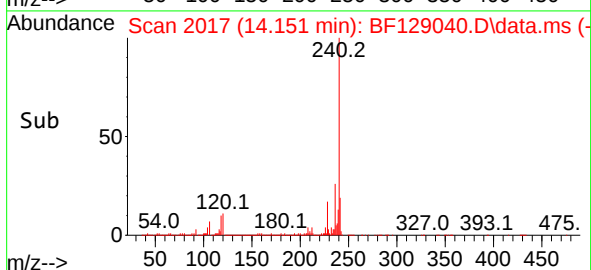
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022

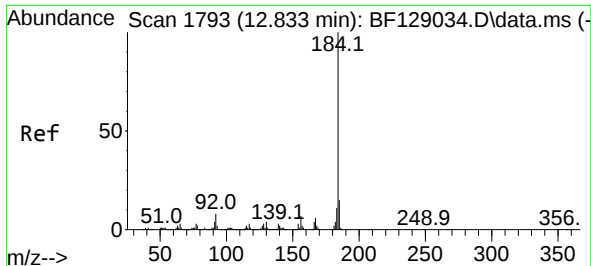


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 1717
Delta R.T. -0.000 min
Lab File: BF129040.D
Acq: 29 Jun 2022 17:28



Tgt Ion:240 Resp: 1119719
Ion Ratio Lower Upper
240 100
120 11.4 8.9 13.3
236 26.2 20.8 31.2





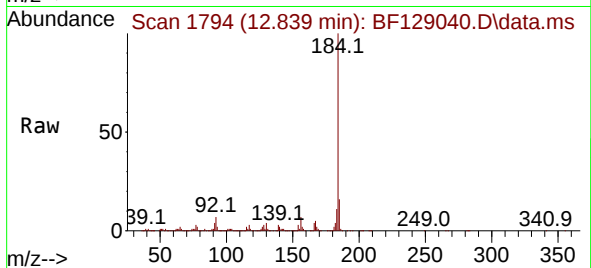
#77
Benzidine
Concen: 77.068 ng
RT: 12.839 min Scan# 1793
Delta R.T. 0.006 min
Lab File: BF129040.D
Acq: 29 Jun 2022 17:28

Instrument :

BNA_F

ClientSampleId :

PB145630BS

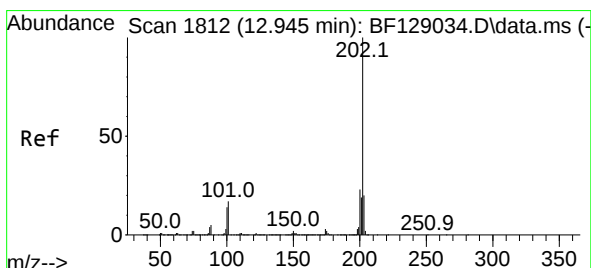
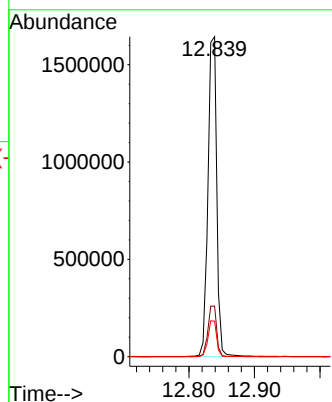
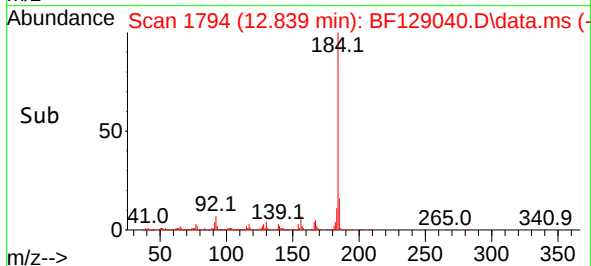


Tgt Ion:184 Resp: 1536589
Ion Ratio Lower Upper
184 100
185 15.8 11.9 17.9
183 11.1 9.3 13.9

Manual Integrations

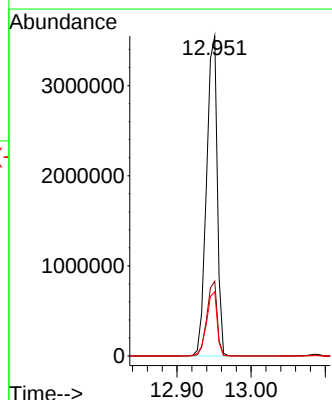
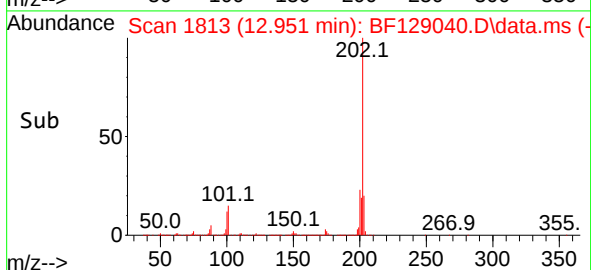
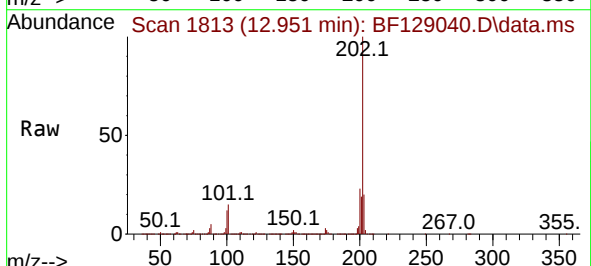
APPROVED

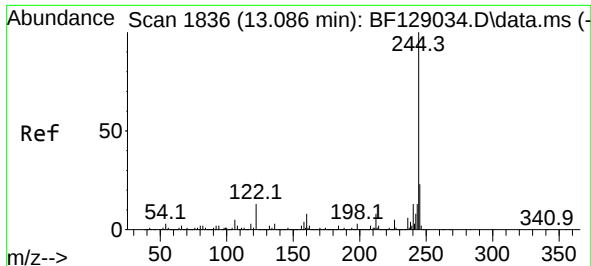
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#78
Pyrene
Concen: 46.096 ng
RT: 12.951 min Scan# 1813
Delta R.T. 0.006 min
Lab File: BF129040.D
Acq: 29 Jun 2022 17:28

Tgt Ion:202 Resp: 3577683
Ion Ratio Lower Upper
202 100
200 23.3 17.7 26.5
203 20.1 14.6 21.8





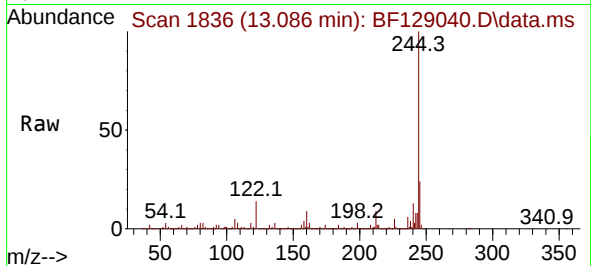
#79
 Terphenyl-d14
 Concen: 87.649 ng
 RT: 13.086 min Scan# 1836
 Delta R.T. -0.000 min
 Lab File: BF129040.D
 Acq: 29 Jun 2022 17:28

Instrument :

BNA_F

ClientSampleId :

PB145630BS

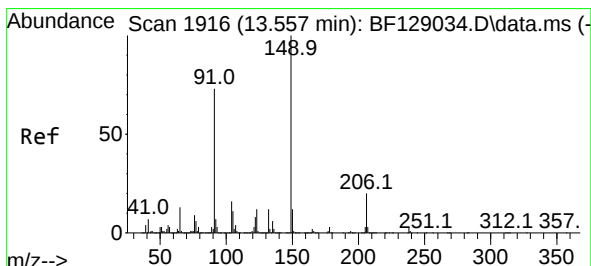
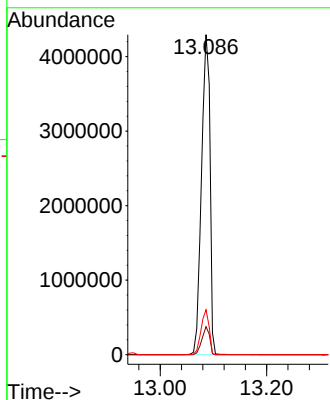
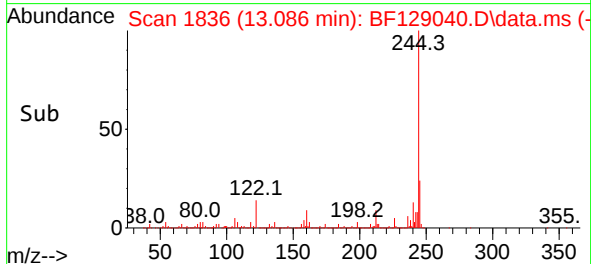


Tgt Ion:244 Resp: 4726060
 Ion Ratio Lower Upper
 244 100
 212 8.8 6.1 9.1
 122 14.1 8.8 13.2

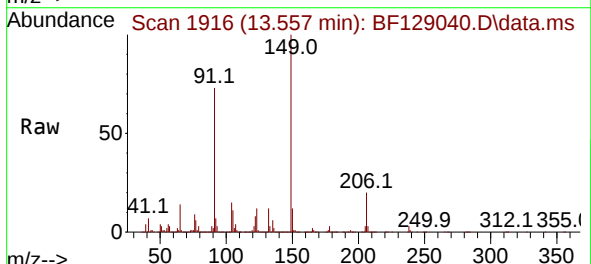
Manual Integrations

APPROVED

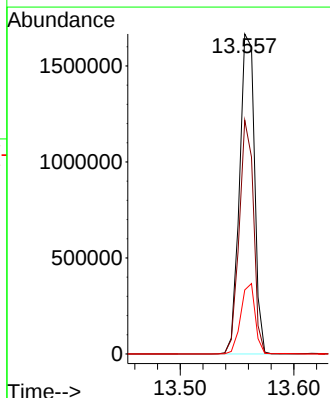
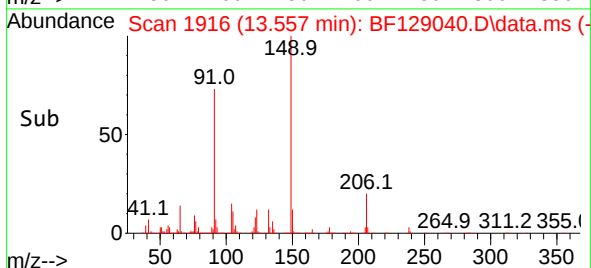
Reviewed By :Christian Giraldo 06/30/2022
 Supervised By :Jagrut Upadhyay 07/01/2022

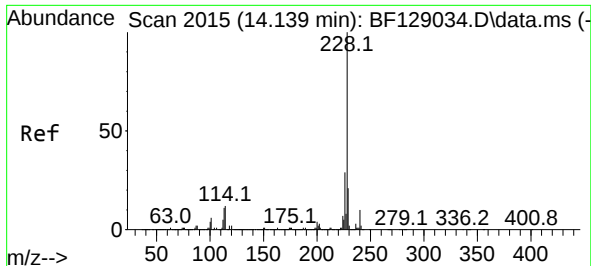


#80
 Butylbenzylphthalate
 Concen: 48.381 ng
 RT: 13.557 min Scan# 1916
 Delta R.T. -0.000 min
 Lab File: BF129040.D
 Acq: 29 Jun 2022 17:28



Tgt Ion:149 Resp: 1529746
 Ion Ratio Lower Upper
 149 100
 91 73.1 61.2 91.8
 206 20.0 15.7 23.5





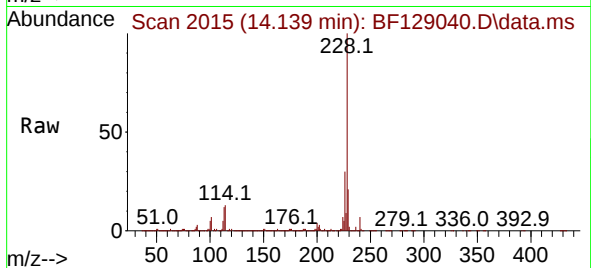
#81
Benzo(a)anthracene
Concen: 45.787 ng
RT: 14.139 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF129040.D
Acq: 29 Jun 2022 17:28

Instrument :

BNA_F

ClientSampleId :

PB145630BS

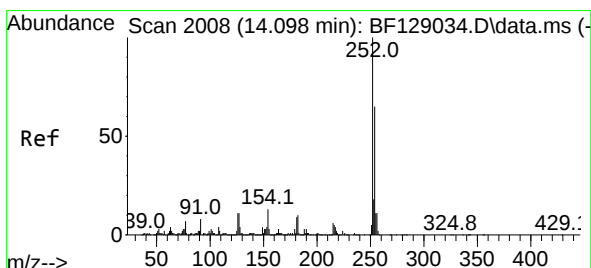
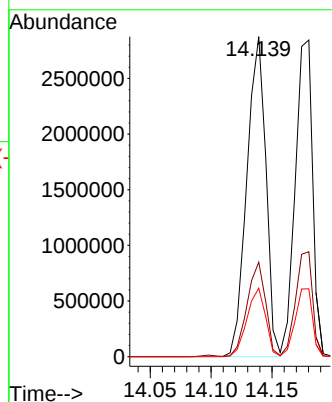
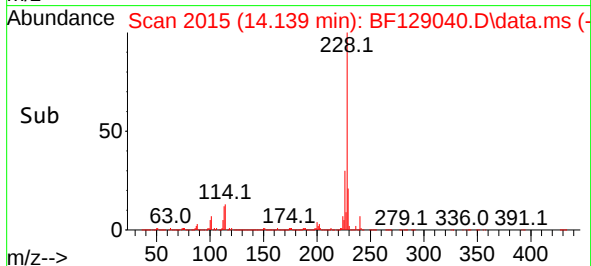


Tgt Ion:228 Resp: 3130354
Ion Ratio Lower Upper
228 100
226 29.6 22.1 33.1
229 21.4 15.8 23.8

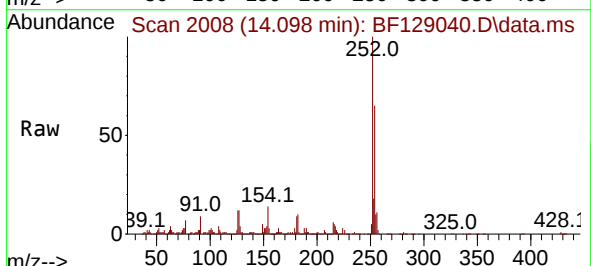
Manual Integrations

APPROVED

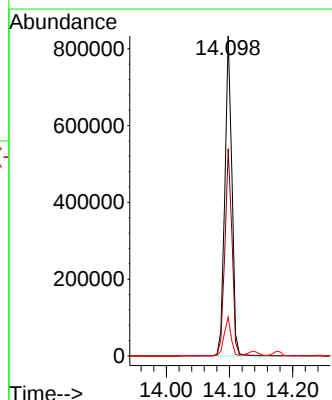
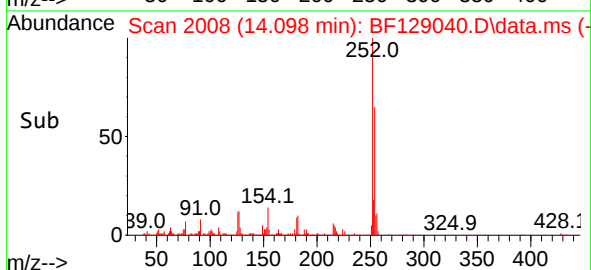
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022

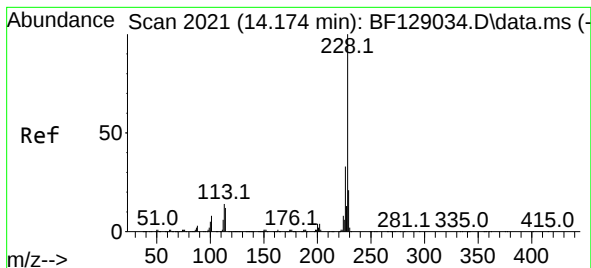


#82
3,3'-Dichlorobenzidine
Concen: 44.372 ng
RT: 14.098 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BF129040.D
Acq: 29 Jun 2022 17:28



Tgt Ion:252 Resp: 655493
Ion Ratio Lower Upper
252 100
254 64.8 50.2 75.4
126 12.1 8.2 12.4





#83

Chrysene

Concen: 44.445 ng

RT: 14.180 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF129040.D

Acq: 29 Jun 2022 17:28

Instrument :

BNA_F

ClientSampleId :

PB145630BS

Tgt Ion:228 Resp: 2820954

Ion Ratio Lower Upper

228 100

226 33.1 24.3 36.5

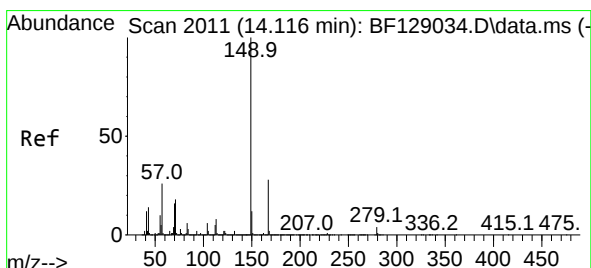
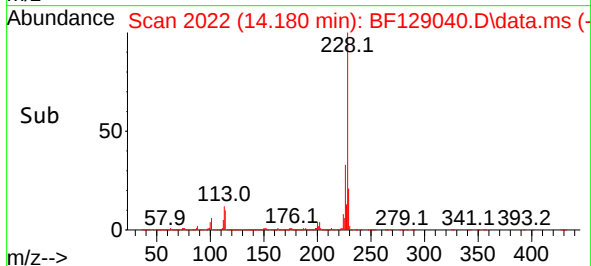
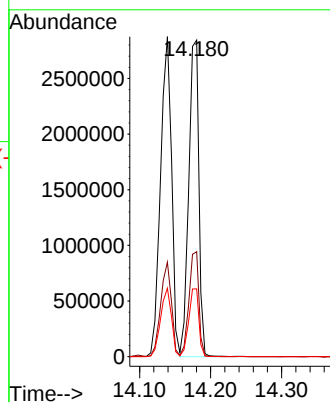
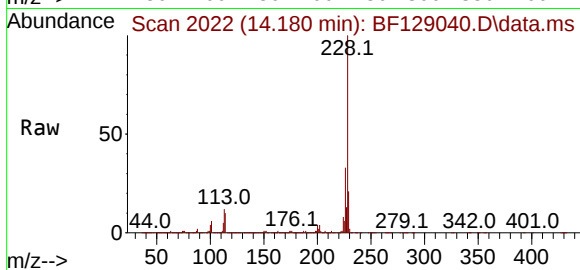
229 21.4 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/30/2022

Supervised By :Jagrut Upadhyay 07/01/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.819 ng

RT: 14.116 min Scan# 2011

Delta R.T. -0.000 min

Lab File: BF129040.D

Acq: 29 Jun 2022 17:28

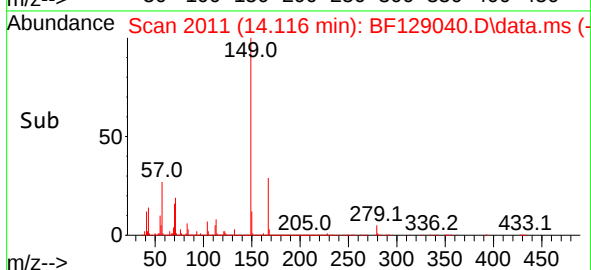
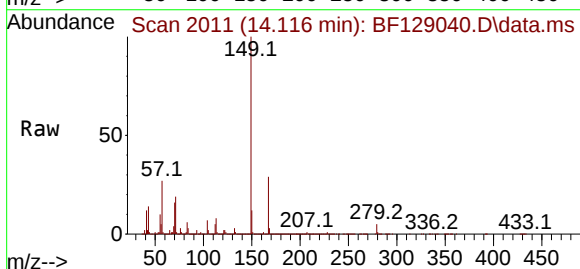
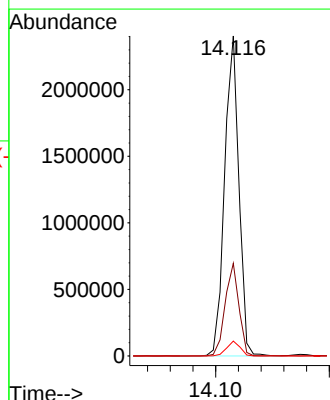
Tgt Ion:149 Resp: 2093438

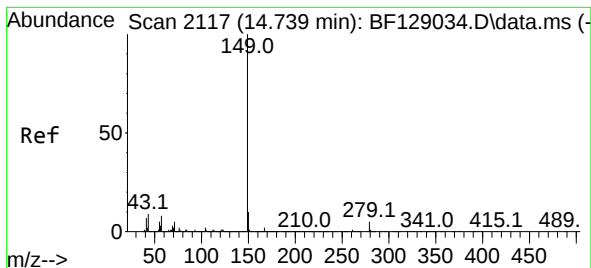
Ion Ratio Lower Upper

149 100

167 28.9 21.0 31.4

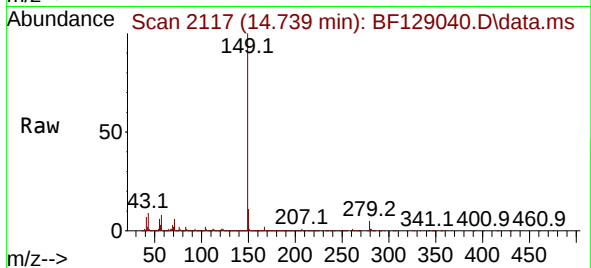
279 4.7 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 49.433 ng
RT: 14.739 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BF129040.D
Acq: 29 Jun 2022 17:28

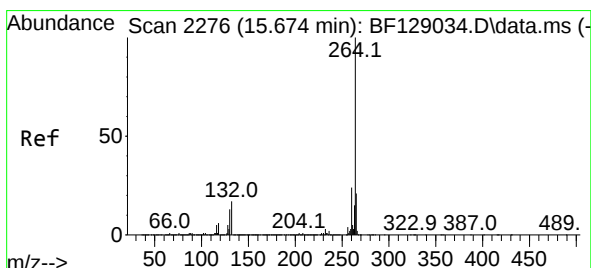
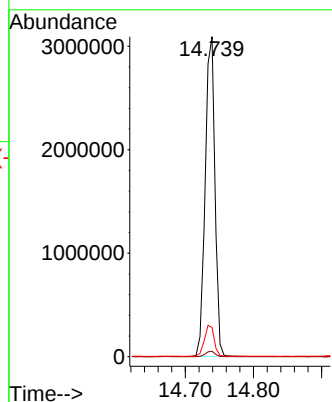
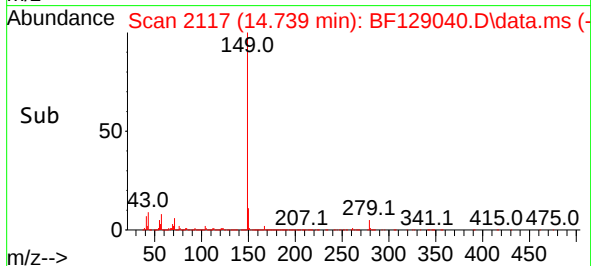
Instrument :
BNA_F
ClientSampleId :
PB145630BS



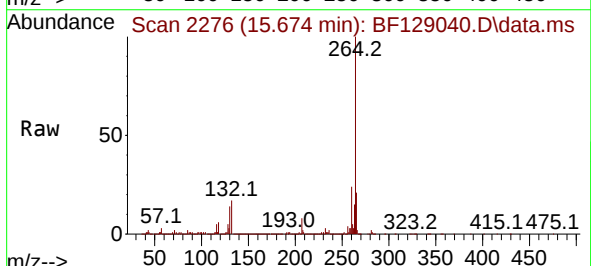
Tgt Ion:149 Resp: 306645
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 9.7 9.2 13.8

Manual Integrations
APPROVED

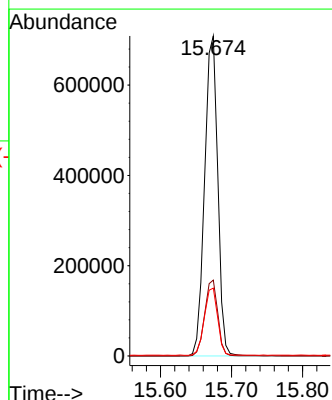
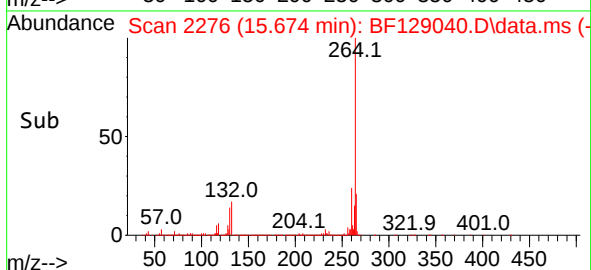
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022

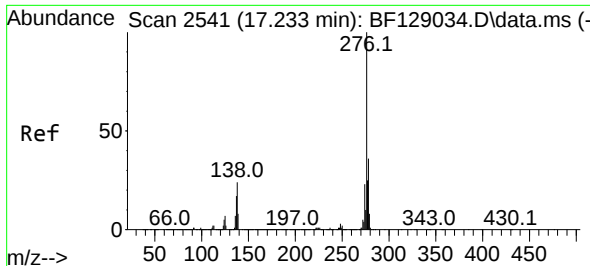


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.674 min Scan# 2276
Delta R.T. -0.000 min
Lab File: BF129040.D
Acq: 29 Jun 2022 17:28



Tgt Ion:264 Resp: 915317
Ion Ratio Lower Upper
264 100
260 23.7 18.4 27.6
265 21.2 17.2 25.8





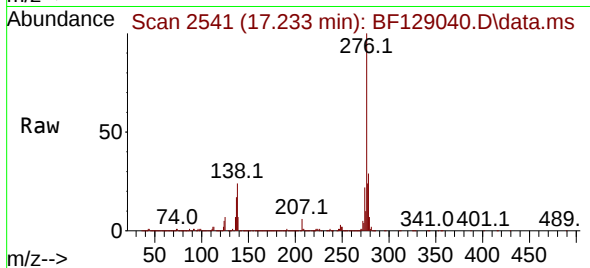
#87
Indeno(1,2,3-cd)pyrene
Concen: 46.255 ng
RT: 17.233 min Scan# 2199
Delta R.T. -0.000 min
Lab File: BF129040.D
Acq: 29 Jun 2022 17:28

Instrument :

BNA_F

ClientSampleId :

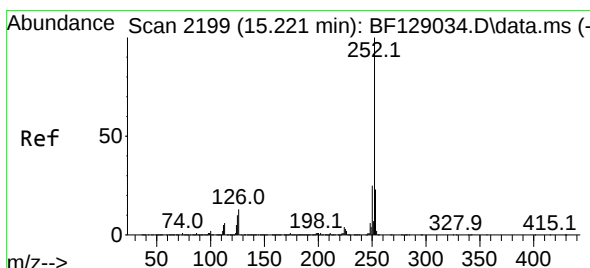
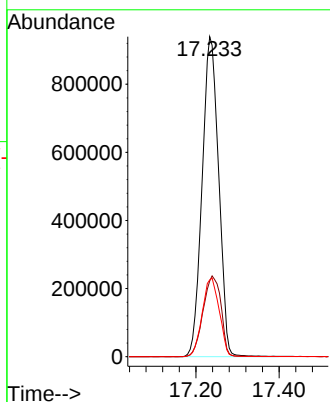
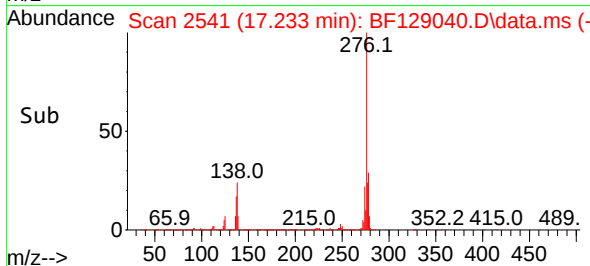
PB145630BS



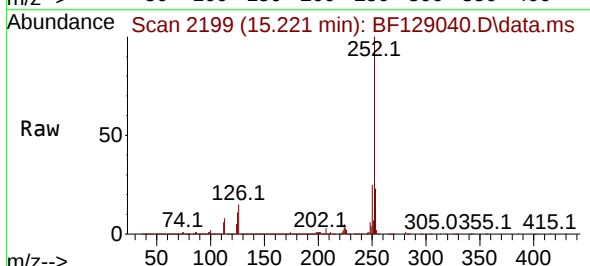
Tgt Ion:276 Resp: 2596680
Ion Ratio Lower Upper
276 100
138 27.3 21.1 31.7
277 25.3 20.3 30.5

Manual Integrations
APPROVED

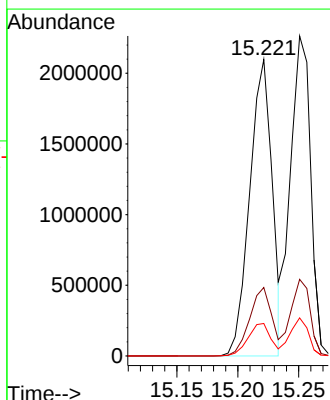
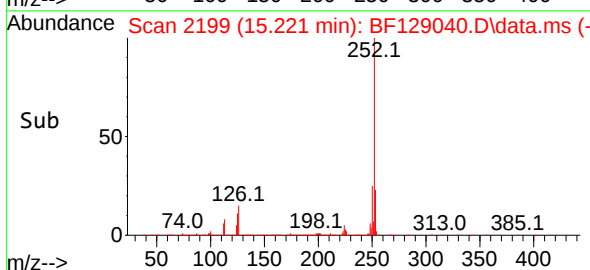
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022

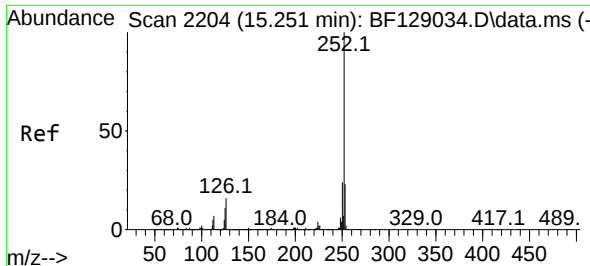


#88
Benzo(b)fluoranthene
Concen: 48.958 ng
RT: 15.221 min Scan# 2199
Delta R.T. -0.000 min
Lab File: BF129040.D
Acq: 29 Jun 2022 17:28



Tgt Ion:252 Resp: 2694989
Ion Ratio Lower Upper
252 100
253 23.1 17.7 26.5
125 11.0 8.0 12.0





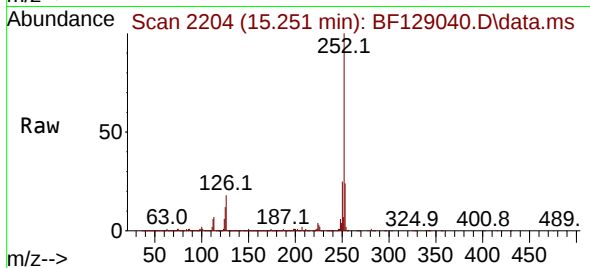
#89
Benzo(k)fluoranthene
Concen: 48.912 ng
RT: 15.251 min Scan# 211
Delta R.T. -0.000 min
Lab File: BF129040.D
Acq: 29 Jun 2022 17:28

Instrument :

BNF_F

ClientSampleId :

PB145630BS

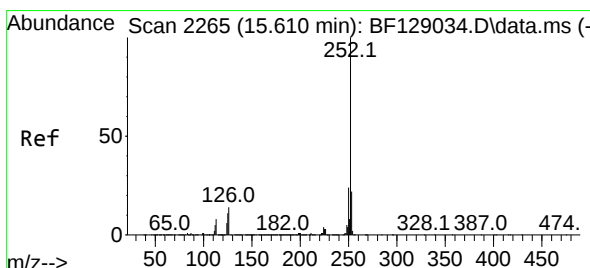
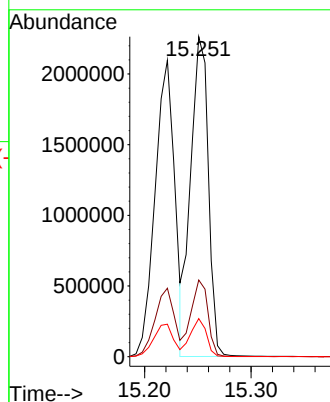
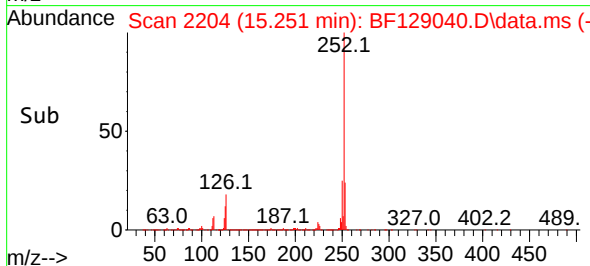


Tgt Ion:252 Resp: 261149
Ion Ratio Lower Upper
252 100
253 23.9 17.8 26.6
125 11.9 8.3 12.5

Manual Integrations

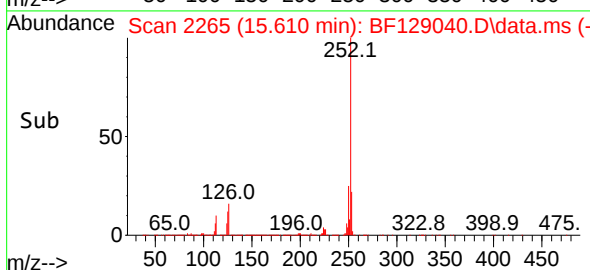
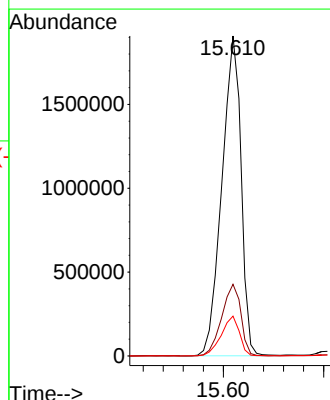
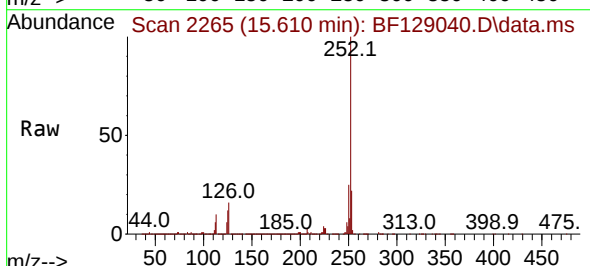
APPROVED

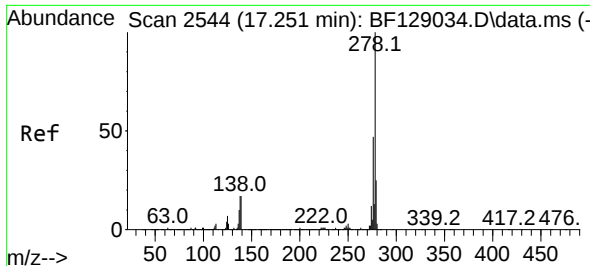
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#90
Benzo(a)pyrene
Concen: 56.212 ng
RT: 15.610 min Scan# 2265
Delta R.T. -0.000 min
Lab File: BF129040.D
Acq: 29 Jun 2022 17:28

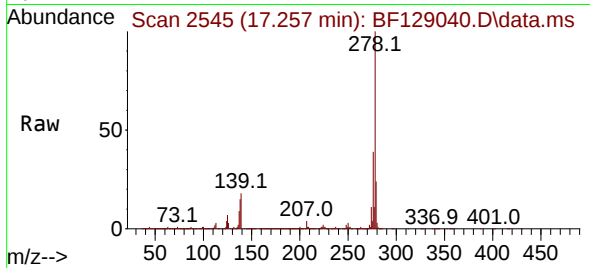
Tgt Ion:252 Resp: 2522488
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.6
125 12.5 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 49.229 ng
RT: 17.257 min Scan# 2545
Delta R.T. 0.006 min
Lab File: BF129040.D
Acq: 29 Jun 2022 17:28

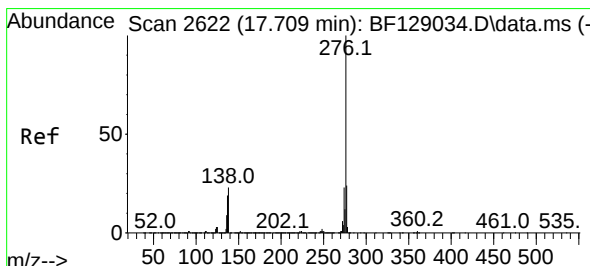
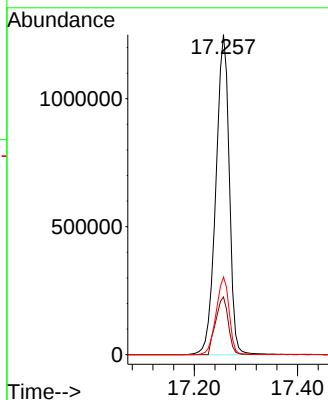
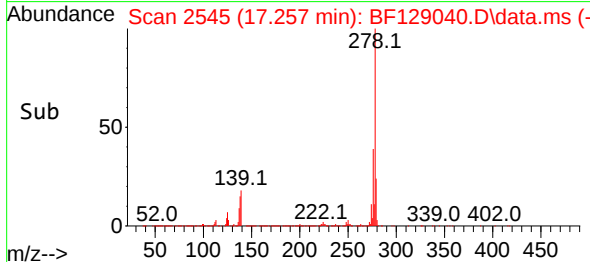
Instrument :
BNA_F
ClientSampleId :
PB145630BS



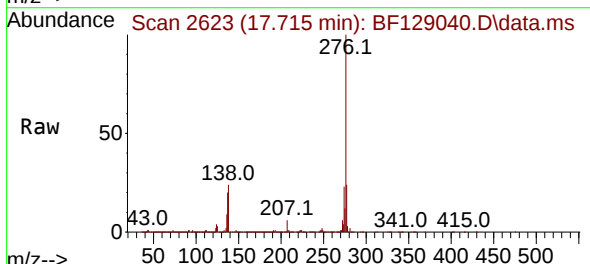
Tgt Ion:278 Resp: 225291
Ion Ratio Lower Upper
278 100
139 18.1 12.8 19.2
279 24.3 18.6 28.0

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#92
Benzo(g,h,i)perylene
Concen: 48.521 ng
RT: 17.715 min Scan# 2623
Delta R.T. 0.006 min
Lab File: BF129040.D
Acq: 29 Jun 2022 17:28



Tgt Ion:276 Resp: 2227759
Ion Ratio Lower Upper
276 100
277 23.9 19.1 28.7
138 23.7 18.0 27.0

