

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080322\
 Data File : BF129535.D
 Acq On : 03 Aug 2022 12:03
 Operator : CG\JU
 Sample : PB146585BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146585BSD

Manual Integrations
 APPROVED

Reviewed By :Christian
 Giraldo

08/04/2022

Supervised By :Jagrut
 Upadhyay

08/05/2022

Quant Time: Aug 03 16:36:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 02 01:11:25 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	195359	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	803496	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	425937	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	706303	20.000	ng	# 0.00
76) Chrysene-d12	14.051	240	455983	20.000	ng	# 0.00
86) Perylene-d12	15.539	264	372997	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1519690	126.719	ng	0.01
7) Phenol-d6	6.522	99	1885497	125.083	ng	0.00
23) Nitrobenzene-d5	7.445	82	1275823	86.678	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	537714	131.308	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	2235107	81.176	ng	0.00
79) Terphenyl-d14	12.992	244	2307955	95.489	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.722	88	175781	32.487	ng	Qvalue 89
3) Pyridine	3.516	79	439127	29.224	ng	89
4) n-Nitrosodimethylamine	3.457	42	290097	43.965	ng	# 93
6) Aniline	6.539	93	633661	33.814	ng	# 38
8) 2-Chlorophenol	6.663	128	644305	49.176	ng	98
9) Benzaldehyde	6.422	77	147620	14.421	ng	99
10) Phenol	6.534	94	735344m	45.809	ng	
11) bis(2-Chloroethyl)ether	6.610	93	601716	47.266	ng	91
12) 1,3-Dichlorobenzene	6.810	146	644312	45.852	ng	100
13) 1,4-Dichlorobenzene	6.886	146	650331	45.506	ng	99
14) 1,2-Dichlorobenzene	7.039	146	629313	47.908	ng	97
15) Benzyl Alcohol	7.022	79	543138	49.681	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.145	45	811446	42.404	ng	53
17) 2-Methylphenol	7.139	107	498174	45.833	ng	# 90
18) Hexachloroethane	7.381	117	255153	47.416	ng	92
19) n-Nitroso-di-n-propyla...	7.292	70	431795	47.317	ng	91
20) 3+4-Methylphenols	7.292	107	613644	44.402	ng	97
22) Acetophenone	7.286	105	848501	45.358	ng	# 94
24) Nitrobenzene	7.463	77	661289	43.629	ng	93
25) Isophorone	7.698	82	1219743	46.230	ng	98
26) 2-Nitrophenol	7.775	139	342885	45.856	ng	94
27) 2,4-Dimethylphenol	7.816	122	583205m	51.996	ng	
28) bis(2-Chloroethoxy)met...	7.904	93	748847	48.927	ng	99
29) 2,4-Dichlorophenol	8.022	162	516862	44.646	ng	100
30) 1,2,4-Trichlorobenzene	8.098	180	538201	44.914	ng	97
31) Naphthalene	8.181	128	1773354	43.441	ng	100
32) Benzoic acid	7.957	122	295616	36.457	ng	98
33) 4-Chloroaniline	8.228	127	530237	31.637	ng	99
34) Hexachlorobutadiene	8.286	225	316670	46.491	ng	99
35) Caprolactam	8.616	113	171208m	45.489	ng	
36) 4-Chloro-3-methylphenol	8.728	107	569237	46.360	ng	94
37) 2-Methylnaphthalene	8.869	142	1161936	43.799	ng	99
38) 1-Methylnaphthalene	8.969	142	1116894	43.613	ng	97
40) 1,2,4,5-Tetrachloroben...	9.033	216	506291	45.268	ng	98
41) Hexachlorocyclopentadiene	9.016	237	504302	101.261	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	346169	42.615	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	9.204	196	363160	41.110	ng	#	92
46) 1,1'-Biphenyl	9.333	154	1382442	44.473	ng		99
47) 2-Chloronaphthalene	9.363	162	1090842	43.410	ng		100
48) 2-Nitroaniline	9.463	65	360126	43.098	ng		95
49) Acenaphthylene	9.780	152	1704412	44.638	ng		99
50) Dimethylphthalate	9.639	163	1299427	44.193	ng		100
51) 2,6-Dinitrotoluene	9.704	165	291156	44.241	ng		92
52) Acenaphthene	9.951	154	1177858m	47.229	ng		
53) 3-Nitroaniline	9.880	138	243307	31.309	ng	#	87
54) 2,4-Dinitrophenol	9.992	184	296827	88.350	ng	#	87
55) Dibenzofuran	10.122	168	1484019	43.166	ng		95
56) 4-Nitrophenol	10.063	139	422756	73.738	ng		99
57) 2,4-Dinitrotoluene	10.116	165	384167	44.685	ng		94
58) Fluorene	10.469	166	1184444	43.059	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	282559m	41.390	ng		
60) Diethylphthalate	10.339	149	1258330	44.270	ng		99
61) 4-Chlorophenyl-phenyle...	10.457	204	553251	45.621	ng		95
62) 4-Nitroaniline	10.504	138	307302	39.862	ng		91
63) Azobenzene	10.616	77	1216428	41.958	ng		95
65) 4,6-Dinitro-2-methylph...	10.527	198	199697	44.795	ng	#	81
66) n-Nitrosodiphenylamine	10.580	169	1043332	44.356	ng		97
67) 4-Bromophenyl-phenylether	10.945	248	354234	45.801	ng		94
68) Hexachlorobenzene	11.016	284	391982	46.774	ng		98
69) Atrazine	11.104	200	329914	46.177	ng		96
70) Pentachlorophenol	11.216	266	348445	76.484	ng		98
71) Phenanthrene	11.433	178	1681132	43.603	ng		99
72) Anthracene	11.486	178	1677258	44.268	ng		99
73) Carbazole	11.645	167	1575256	44.167	ng		99
74) Di-n-butylphthalate	11.957	149	1942408	45.731	ng		99
75) Fluoranthene	12.621	202	1719594	44.019	ng		98
77) Benzidine	12.745	184	444272	27.580	ng		99
78) Pyrene	12.857	202	1716833	45.025	ng		99
80) Butylbenzylphthalate	13.463	149	756614	45.747	ng		91
81) Benzo(a)anthracene	14.045	228	1360511	43.679	ng		100
82) 3,3'-Dichlorobenzidine	14.004	252	392524	38.168	ng		99
83) Chrysene	14.080	228	1237006	42.138	ng		100
84) Bis(2-ethylhexyl)phtha...	14.010	149	1012235	46.488	ng		99
85) Di-n-octyl phthalate	14.627	149	1511727	48.246	ng		97
87) Indeno(1,2,3-cd)pyrene	17.051	276	1143364	45.520	ng		99
88) Benzo(b)fluoranthene	15.104	252	1198002	48.420	ng		99
89) Benzo(k)fluoranthene	15.133	252	1118963	46.150	ng		99
90) Benzo(a)pyrene	15.480	252	1079903	53.767	ng		99
91) Dibenzo(a,h)anthracene	17.062	278	995460	48.693	ng		99
92) Benzo(g,h,i)perylene	17.515	276	1020982	48.874	ng		99

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

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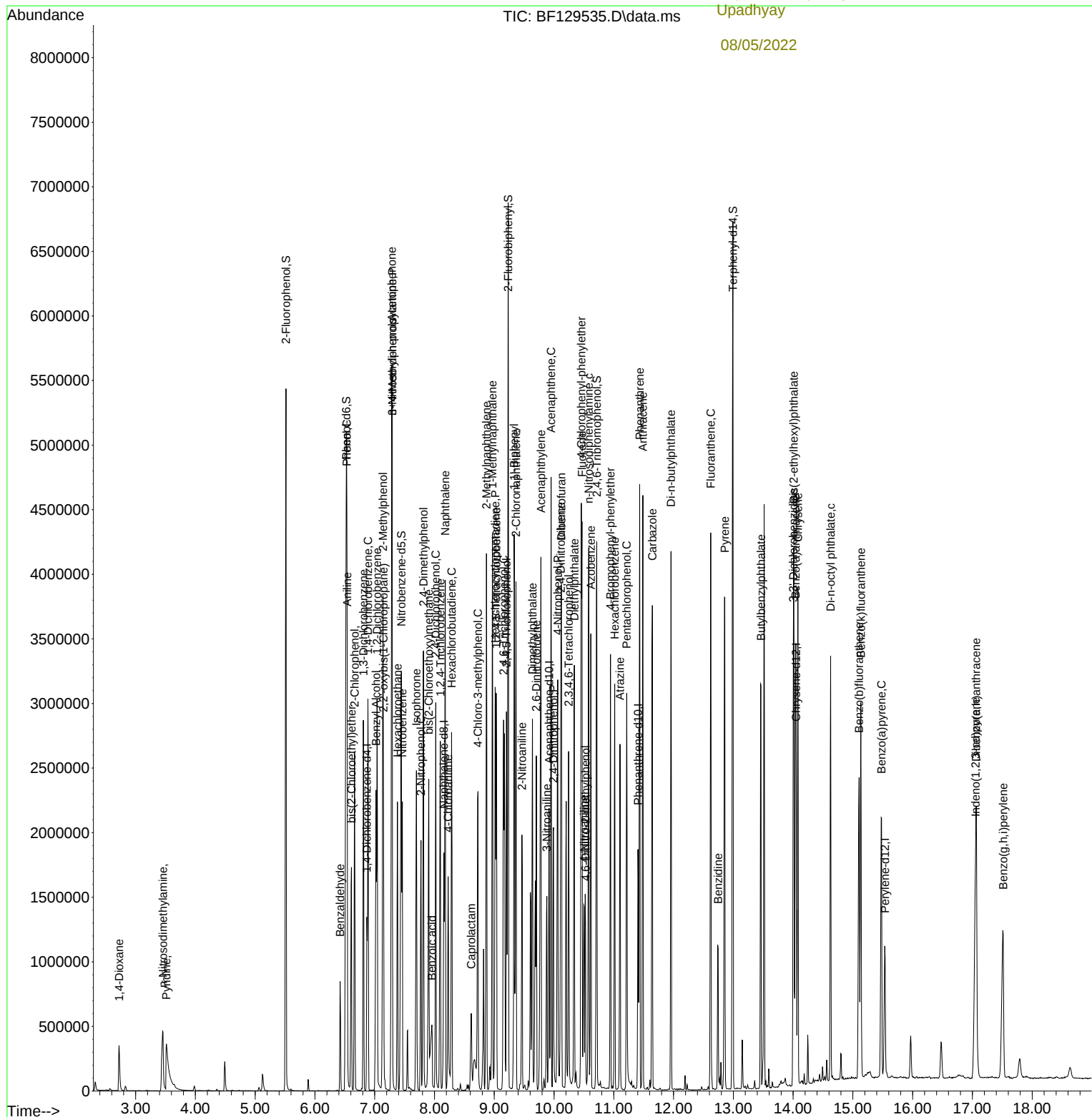
Manual Integrations APPROVED

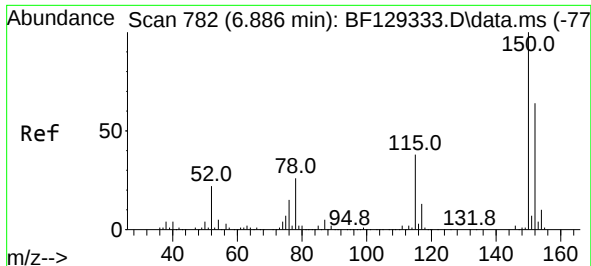
Reviewed By : Christian
 Giraldo

08/04/2022
 Supervised By : Jagrut
 Upadhyay

08/05/2022

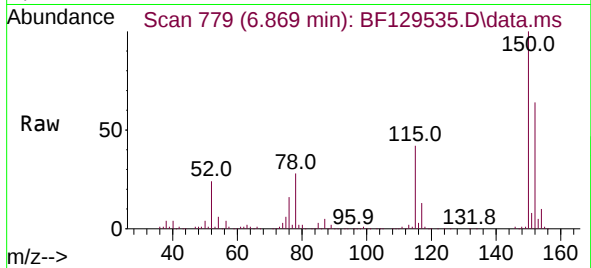
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129535.D
Acq: 03 Aug 2022 12:03

Instrument :
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ClientSampleId :
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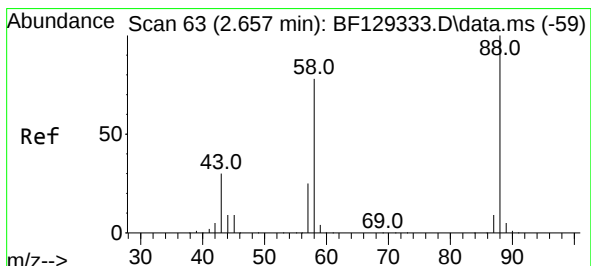
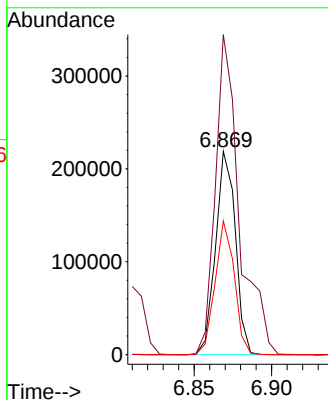
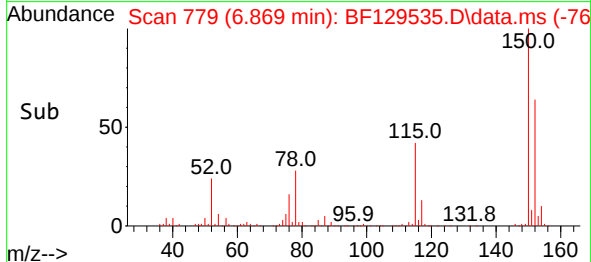
Tgt Ion: 152 Resp: 195359
Ion Ratio Lower Upper
152 100
150 157.4 123.7 185.5
115 65.8 49.9 74.9

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Giraldo

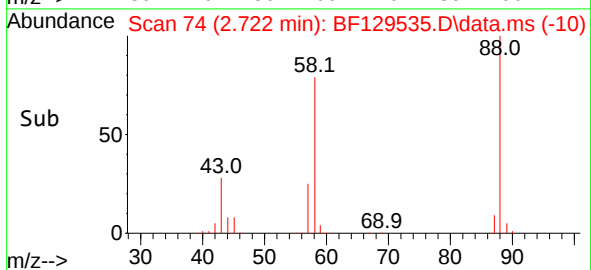
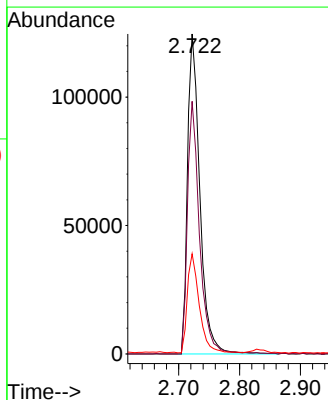
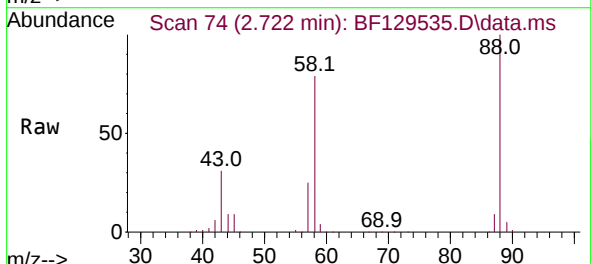
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Supervised By :Jagrut
Upadhyay

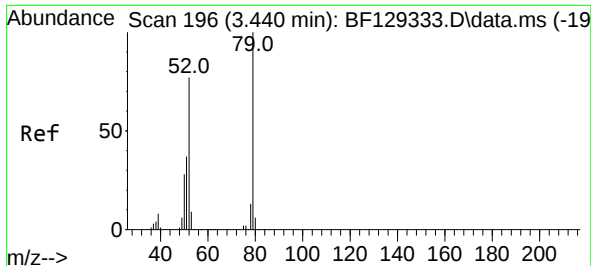
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#2
1,4-Dioxane
Concen: 32.487 ng
RT: 2.722 min Scan# 74
Delta R.T. 0.076 min
Lab File: BF129535.D
Acq: 03 Aug 2022 12:03

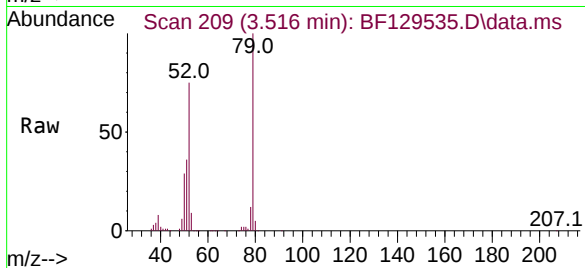
Tgt Ion: 88 Resp: 175781
Ion Ratio Lower Upper
88 100
58 77.1 71.8 107.8
43 30.0 26.6 39.8





#3
Pyridine
Concen: 29.224 ng
RT: 3.516 min Scan# 209
Delta R.T. 0.082 min
Lab File: BF129535.D
Acq: 03 Aug 2022 12:03

Instrument :
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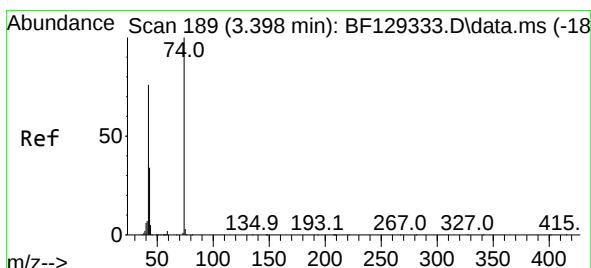
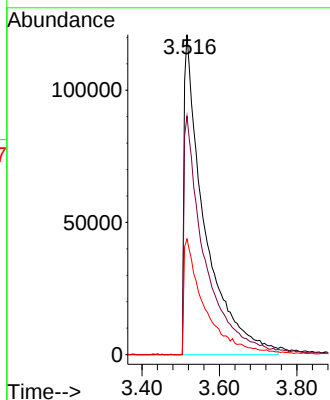
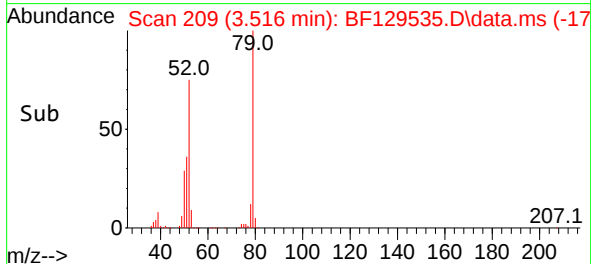
Tgt Ion: 79 Resp: 439127
Ion Ratio Lower Upper
79 100
52 74.5 68.6 102.8
51 36.1 32.9 49.3

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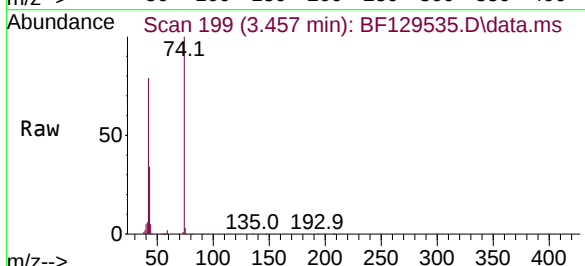
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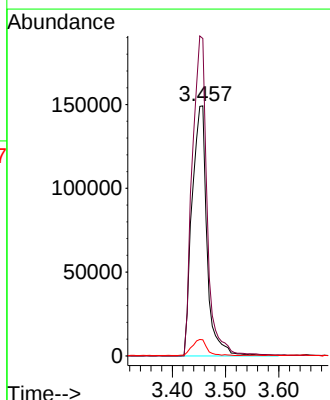
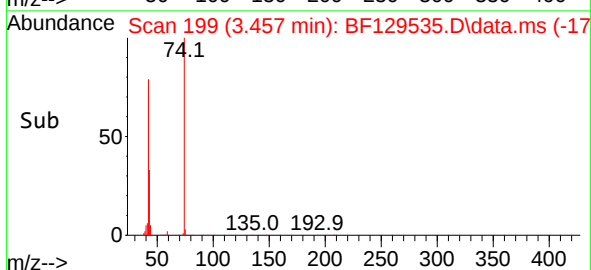
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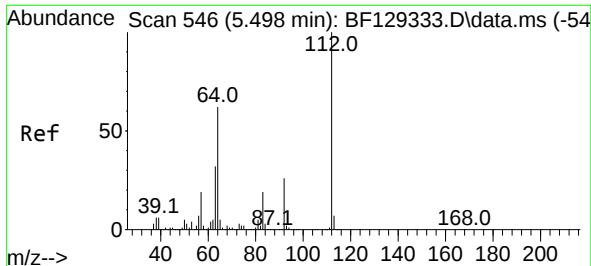


#4
n-Nitrosodimethylamine
Concen: 43.965 ng
RT: 3.457 min Scan# 199
Delta R.T. 0.070 min
Lab File: BF129535.D
Acq: 03 Aug 2022 12:03



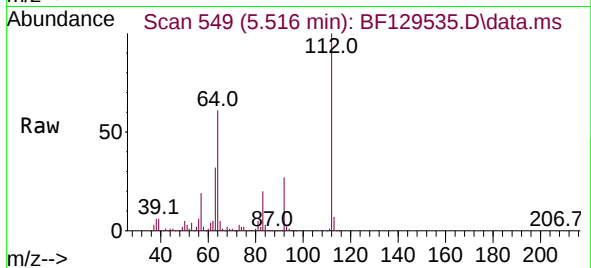
Tgt Ion: 42 Resp: 290097
Ion Ratio Lower Upper
42 100
74 126.9 94.8 142.2
44 6.4 6.6 10.0





#5
2-Fluorophenol
Concen: 126.719 ng
RT: 5.516 min Scan# 546
Delta R.T. 0.012 min
Lab File: BF129535.D
Acq: 03 Aug 2022 12:03

Instrument :
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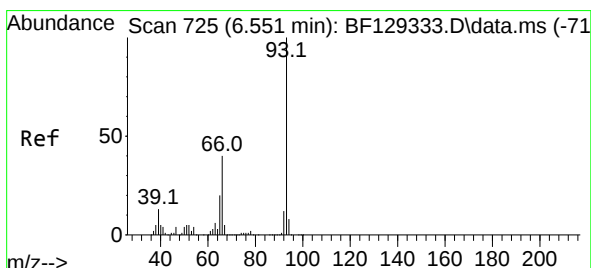
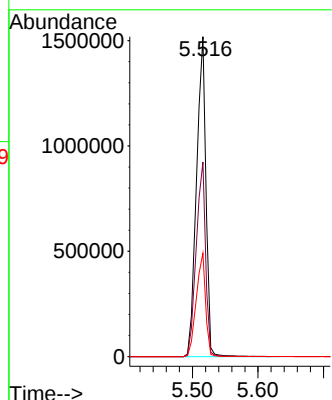
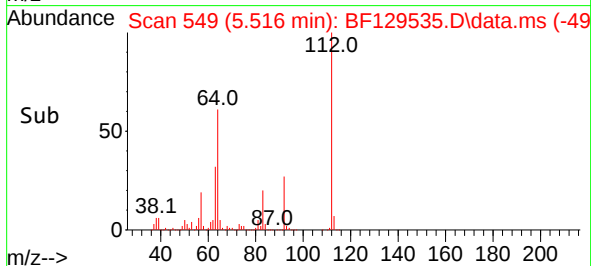
Tgt Ion:112 Resp: 1519690
Ion Ratio Lower Upper
112 100
64 60.8 53.3 79.9
63 32.3 28.0 42.0

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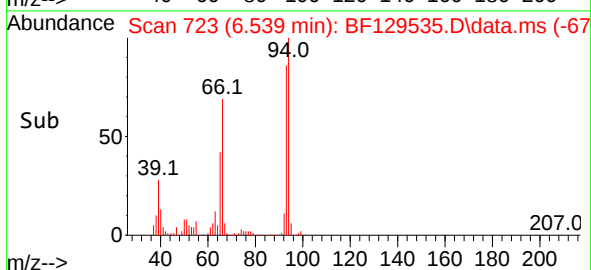
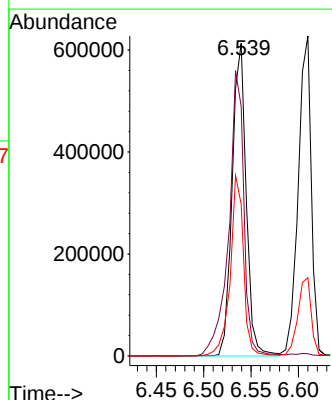
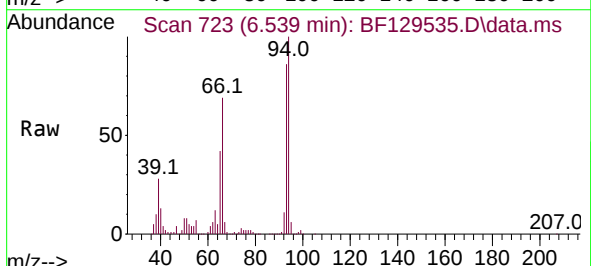
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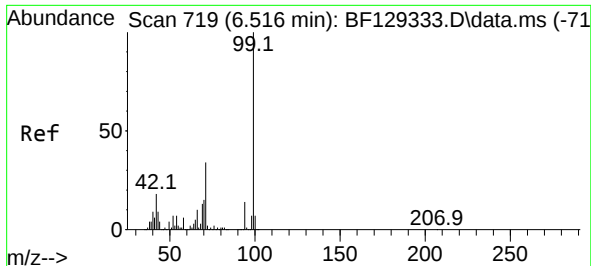
08/05/2022



#6
Aniline
Concen: 33.814 ng
RT: 6.539 min Scan# 723
Delta R.T. -0.006 min
Lab File: BF129535.D
Acq: 03 Aug 2022 12:03

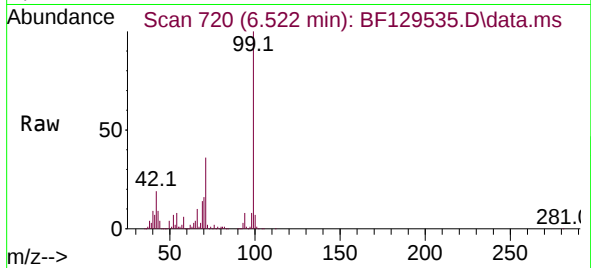
Tgt Ion: 93 Resp: 633661
Ion Ratio Lower Upper
93 100
66 79.9 32.5 48.7#
65 48.5 16.4 24.6#





#7
Phenol-d6
Concen: 125.083 ng
RT: 6.522 min Scan# 719
Delta R.T. -0.000 min
Lab File: BF129535.D
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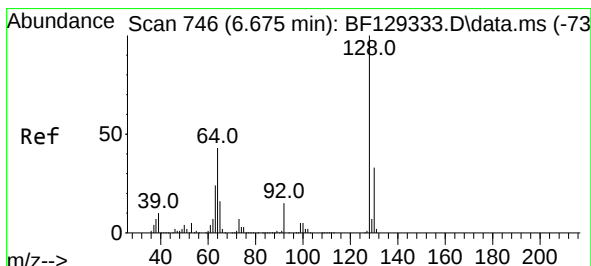
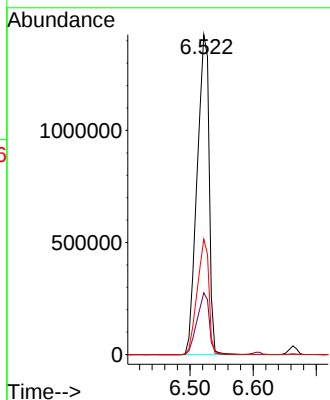
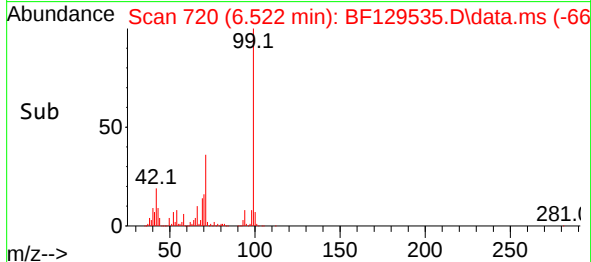
Tgt Ion: 99 Resp: 1885497
Ion Ratio Lower Upper
99 100
42 19.3 17.3 25.9
71 36.1 28.9 43.3

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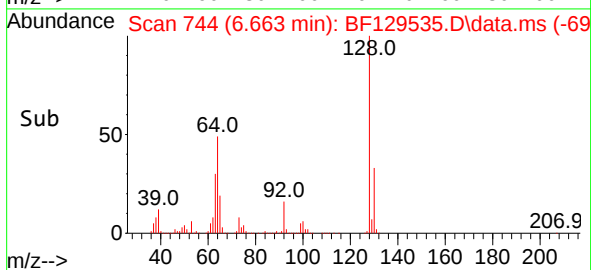
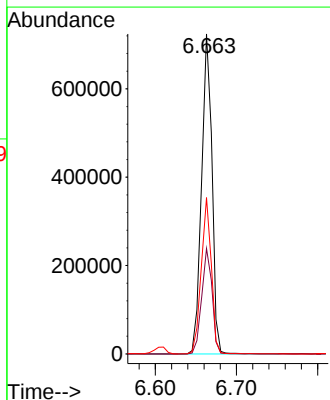
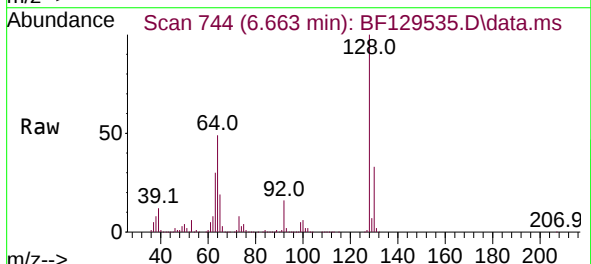
08/04/2022
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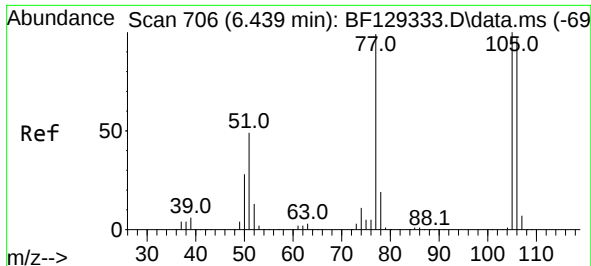
08/05/2022



#8
2-Chlorophenol
Concen: 49.176 ng
RT: 6.663 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF129535.D
Acq: 03 Aug 2022 12:03

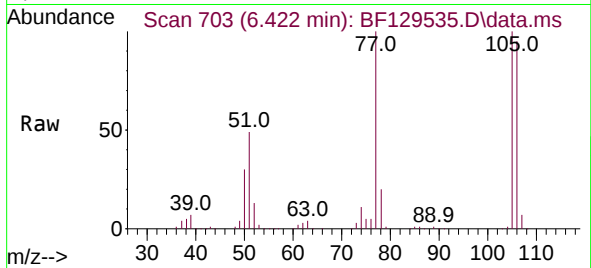
Tgt Ion:128 Resp: 644305
Ion Ratio Lower Upper
128 100
130 32.9 13.1 53.1
64 48.8 30.9 70.9





#9
Benzaldehyde
Concen: 14.421 ng
RT: 6.422 min Scan# 706
Delta R.T. -0.012 min
Lab File: BF129535.D
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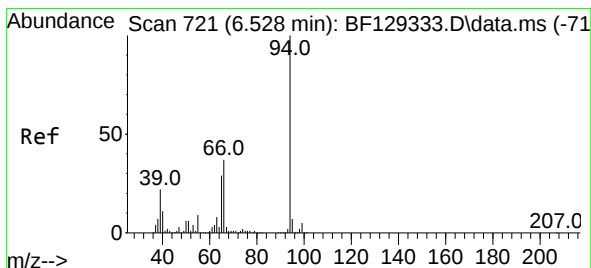
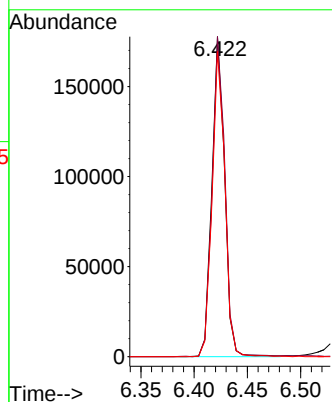
Tgt Ion: 77 Resp: 147620
Ion Ratio Lower Upper
77 100
105 100.0 81.6 121.6
106 95.3 76.1 116.1

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Reviewed By :Christian
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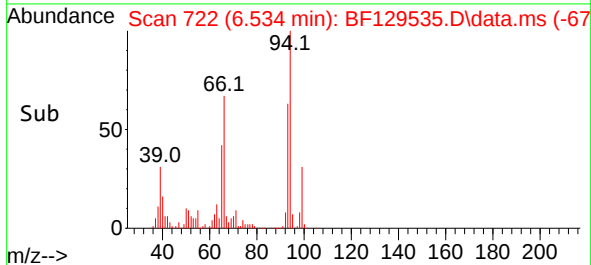
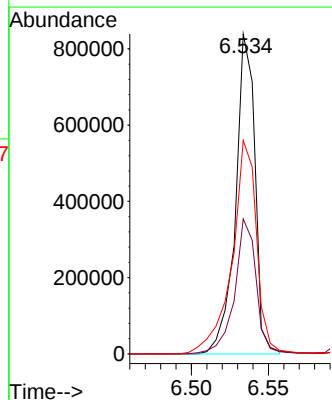
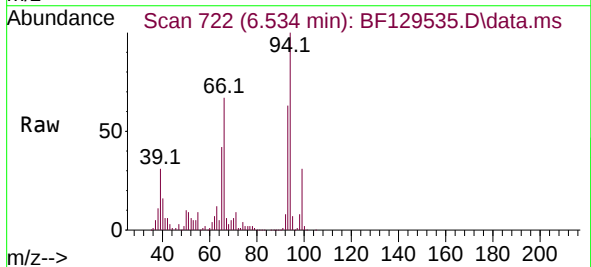
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Supervised By :Jagrut
Upadhyay

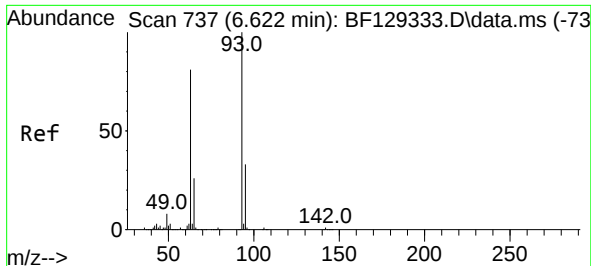
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#10
Phenol
Concen: 45.809 ng m
RT: 6.534 min Scan# 722
Delta R.T. -0.000 min
Lab File: BF129535.D
Acq: 03 Aug 2022 12:03

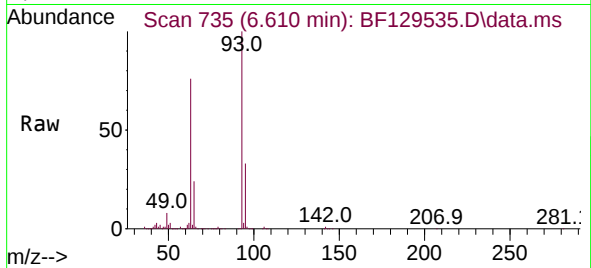
Tgt Ion: 94 Resp: 735344
Ion Ratio Lower Upper
94 100
65 42.2 11.4 51.4
66 66.7 21.4 61.4#





#11
bis(2-Chloroethyl)ether
Concen: 47.266 ng
RT: 6.610 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF129535.D
Acq: 03 Aug 2022 12:03

Instrument :
BNA_F
Client Sample Id :
PB146585BSD



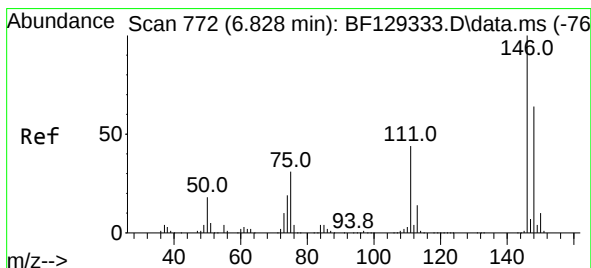
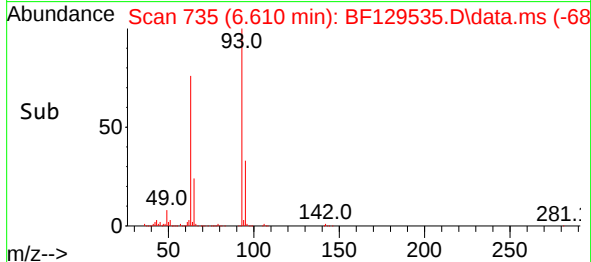
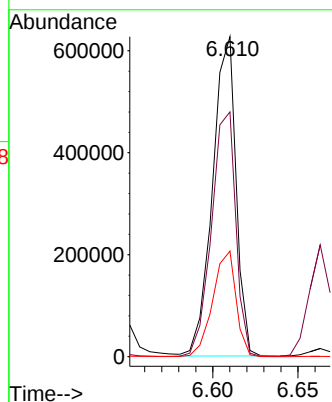
Tgt Ion: 93 Resp: 601716
Ion Ratio Lower Upper
93 100
63 76.5 67.4 107.4
95 33.0 12.7 52.7

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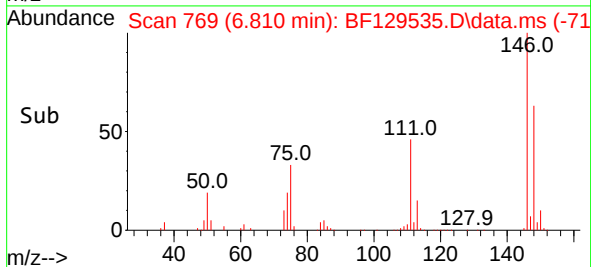
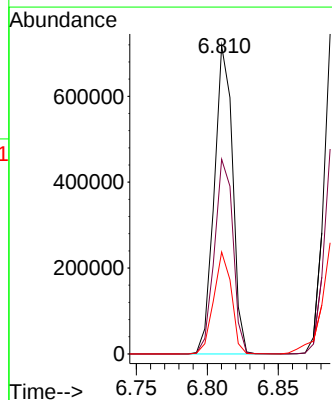
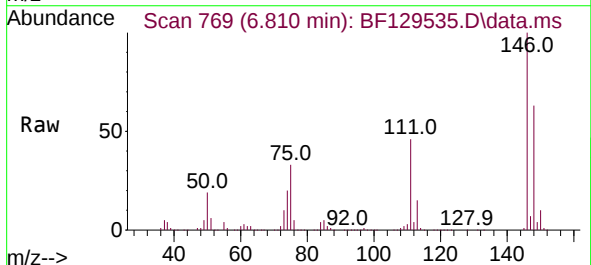
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Supervised By :Jagrut
Upadhyay

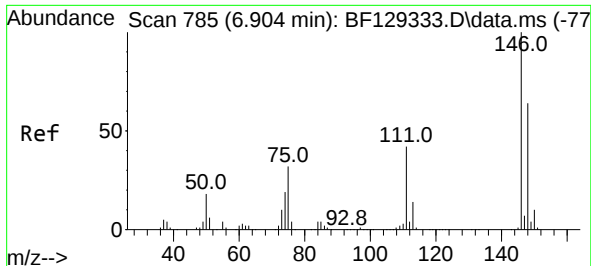
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#12
1,3-Dichlorobenzene
Concen: 45.852 ng
RT: 6.810 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF129535.D
Acq: 03 Aug 2022 12:03

Tgt Ion:146 Resp: 644312
Ion Ratio Lower Upper
146 100
148 63.1 50.6 75.8
75 33.0 26.3 39.5





#13
1,4-Dichlorobenzene
Concen: 45.506 ng
RT: 6.886 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129535.D
Acq: 03 Aug 2022 12:03

Instrument :
BNA_F
ClientSampleId :
PB146585BSD

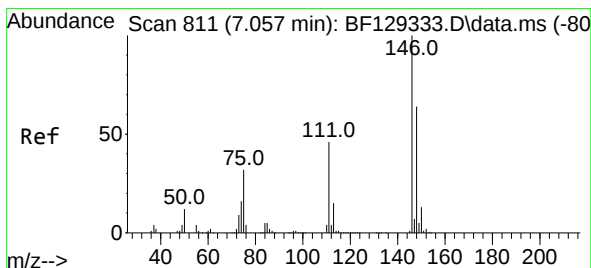
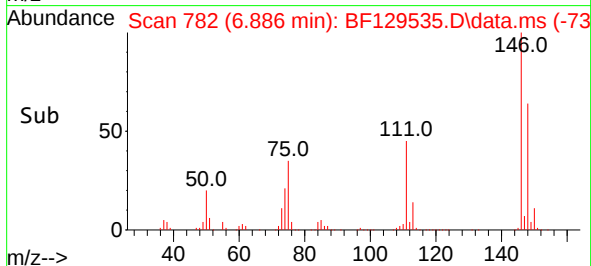
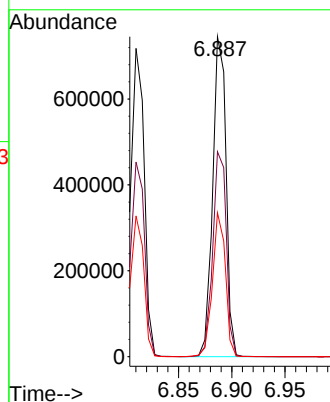
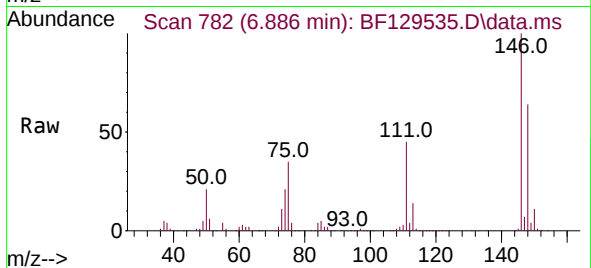
Tgt Ion:146 Resp: 650331
Ion Ratio Lower Upper
146 100
148 64.0 51.1 76.7
111 44.9 34.2 51.4

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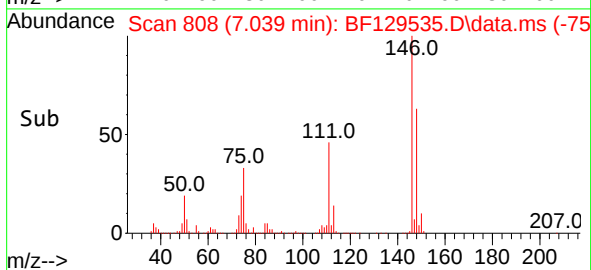
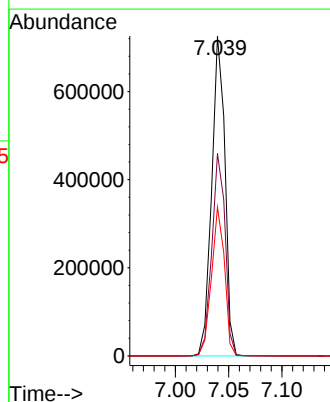
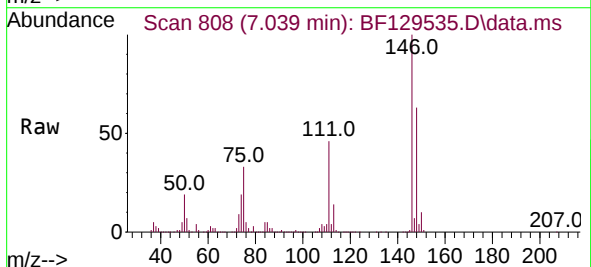
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Supervised By :Jagrut
Upadhyay

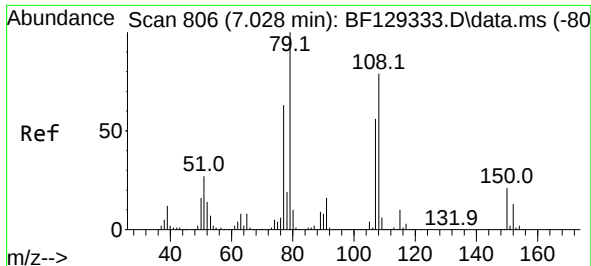
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#14
1,2-Dichlorobenzene
Concen: 47.908 ng
RT: 7.039 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF129535.D
Acq: 03 Aug 2022 12:03

Tgt Ion:146 Resp: 629313
Ion Ratio Lower Upper
146 100
148 63.2 51.8 77.8
111 46.5 35.1 52.7





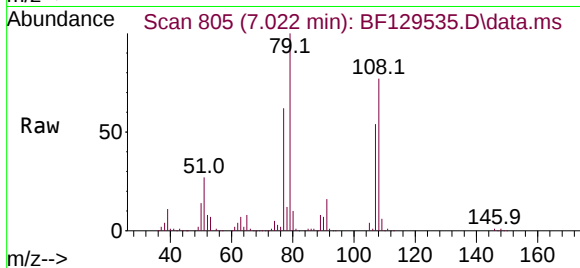
#15
Benzyl Alcohol
Concen: 49.681 ng
RT: 7.022 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF129535.D
Acq: 03 Aug 2022 12:03

Instrument :

BNA_F

ClientSampleId :

PB146585BSD



Tgt Ion: 79 Resp: 543138
Ion Ratio Lower Upper
79 100
108 76.9 61.8 92.6
77 62.3 50.2 75.4

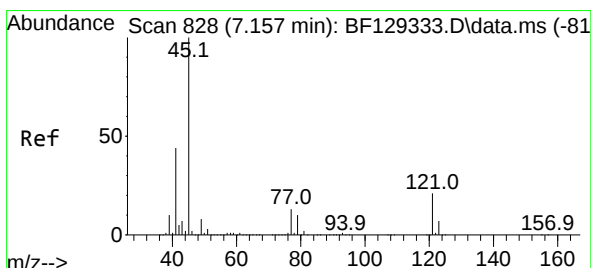
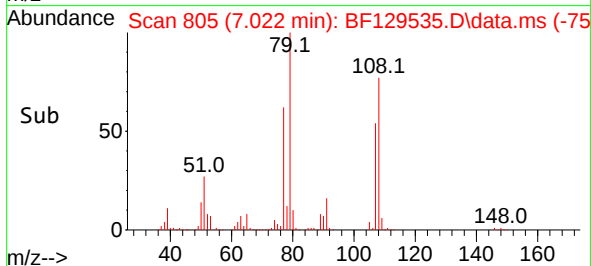
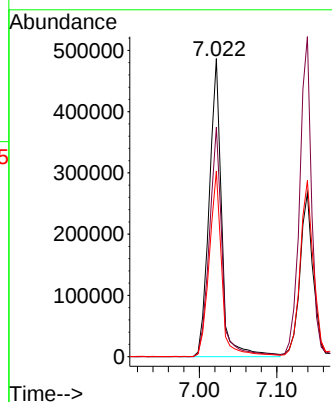
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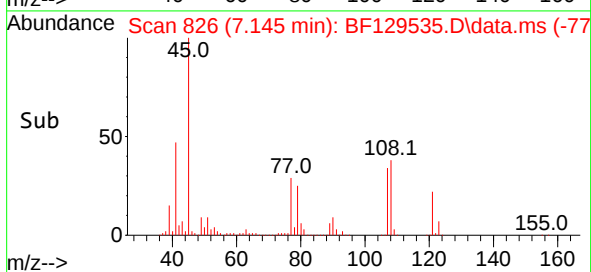
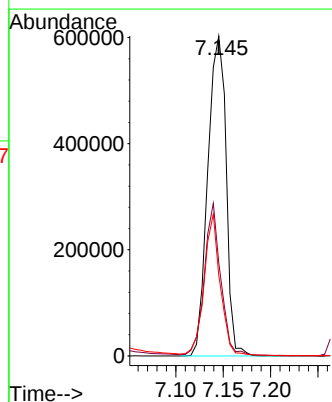
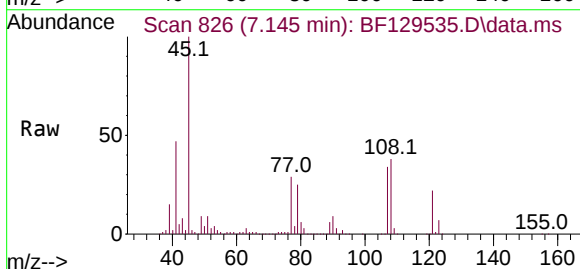
Supervised By :Jagrut
Upadhyay

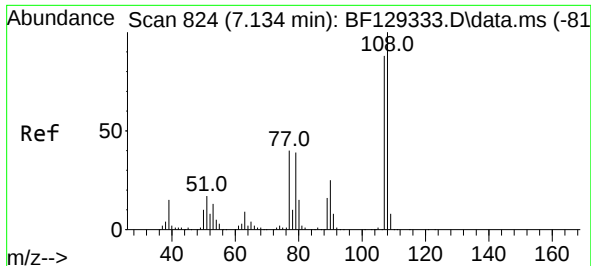
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.404 ng
RT: 7.145 min Scan# 826
Delta R.T. -0.006 min
Lab File: BF129535.D
Acq: 03 Aug 2022 12:03

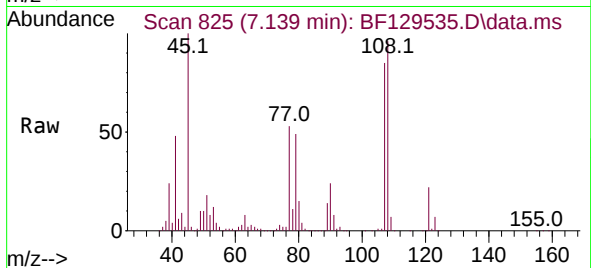
Tgt Ion: 45 Resp: 811446
Ion Ratio Lower Upper
45 100
77 29.1 0.0 31.3
79 25.3 0.0 28.3





#17
2-Methylphenol
Concen: 45.833 ng
RT: 7.139 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF129535.D
Acq: 03 Aug 2022 12:03

Instrument :
BNA_F
ClientSampleId :
PB146585BSD



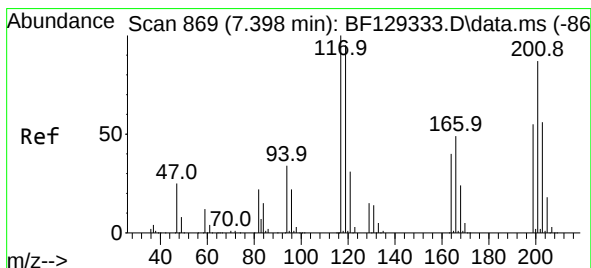
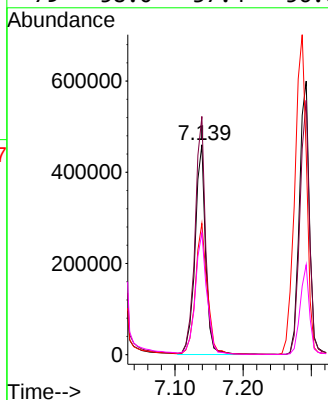
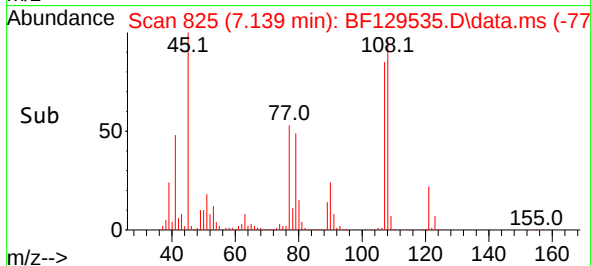
Tgt Ion:107 Resp: 498174
Ion Ratio Lower Upper
107 100
108 113.5 91.9 137.9
77 62.5 37.8 56.8
79 58.0 37.4 56.0

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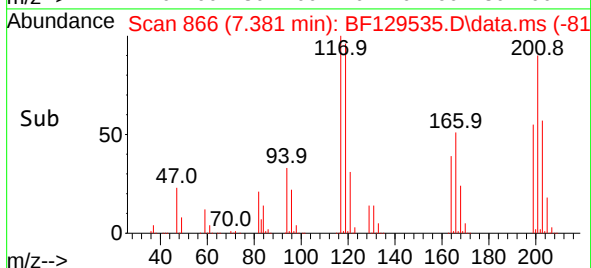
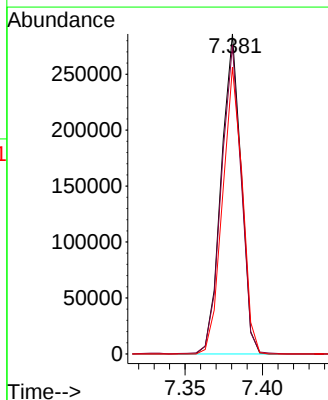
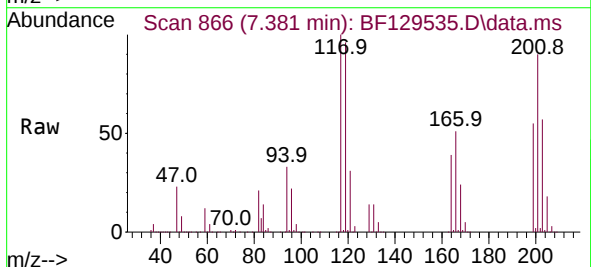
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Supervised By :Jagrut
Upadhyay

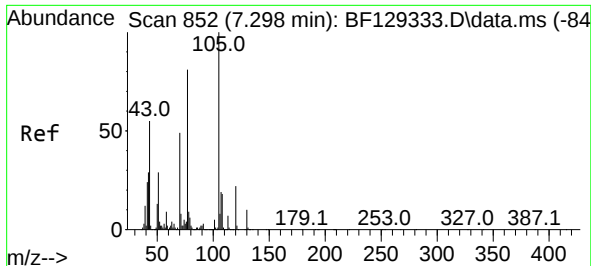
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#18
Hexachloroethane
Concen: 47.416 ng
RT: 7.381 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF129535.D
Acq: 03 Aug 2022 12:03

Tgt Ion:117 Resp: 255153
Ion Ratio Lower Upper
117 100
119 96.4 77.4 116.2
201 89.6 84.6 127.0





#19

n-Nitroso-di-n-propylamine

Concen: 47.317 ng

RT: 7.292 min Scan# 851

Delta R.T. -0.000 min

Lab File: BF129535.D

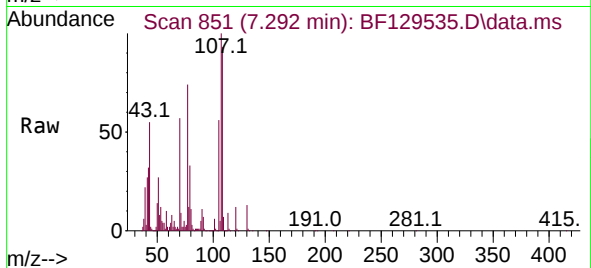
Acq: 03 Aug 2022 12:03

Instrument :

BNA_F

ClientSampleId :

PB146585BSD



Tgt Ion: 70 Resp: 431795

Ion Ratio Lower Upper

70 100

42 55.9 52.3 78.5

101 9.8 7.5 11.3

130 22.0 16.1 24.1

Manual Integrations

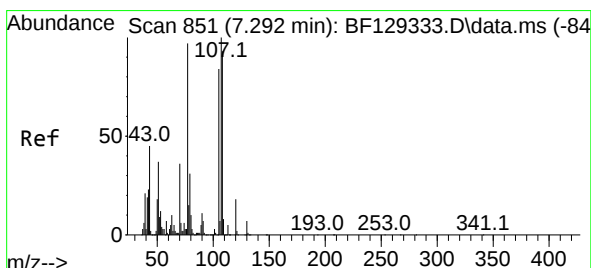
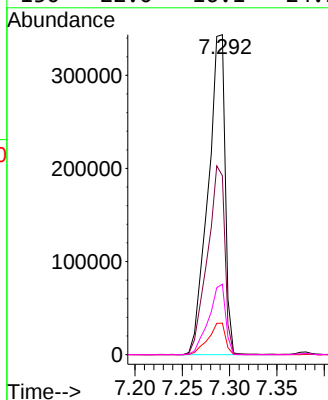
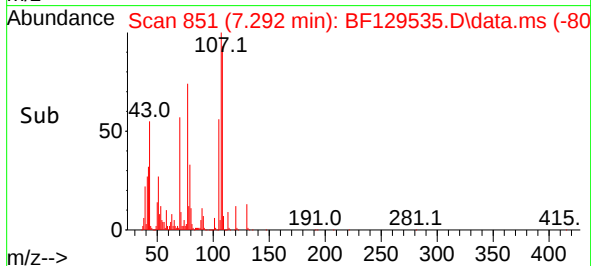
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Upadhyay

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#20

3+4-Methylphenols

Concen: 44.402 ng

RT: 7.292 min Scan# 851

Delta R.T. -0.000 min

Lab File: BF129535.D

Acq: 03 Aug 2022 12:03

Tgt Ion:107 Resp: 613644

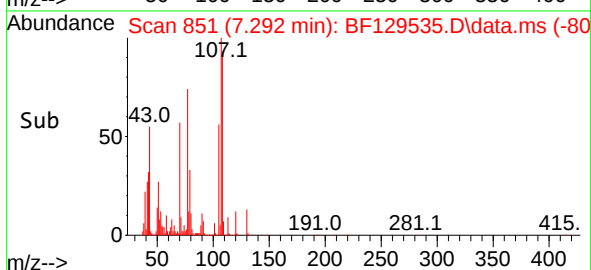
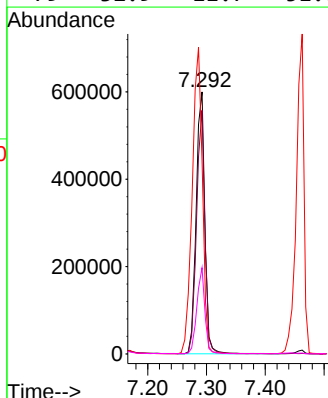
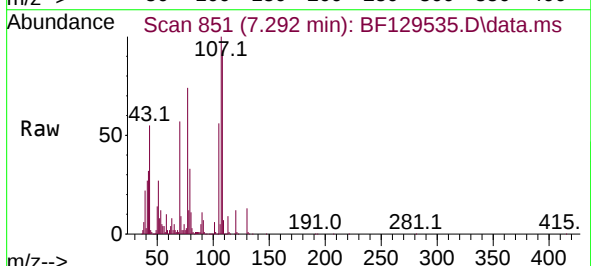
Ion Ratio Lower Upper

107 100

108 93.0 71.8 111.8

77 73.9 59.3 99.3

79 32.9 11.7 51.7





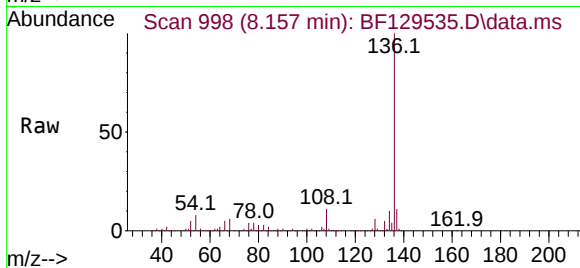
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF129535.D
Acq: 03 Aug 2022 12:03

Instrument :

BNA_F

ClientSampleId :

PB146585BSD



Tgt Ion:136 Resp: 803496
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.1 7.5 11.3
68 5.8 4.7 7.1

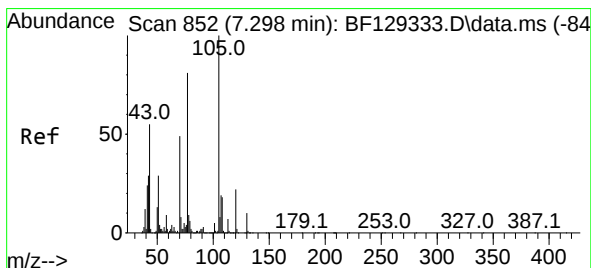
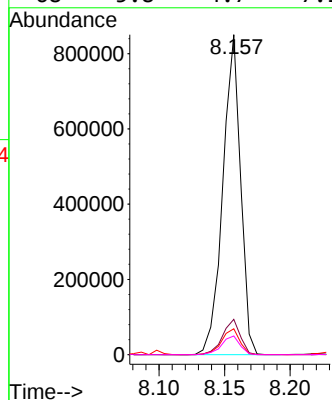
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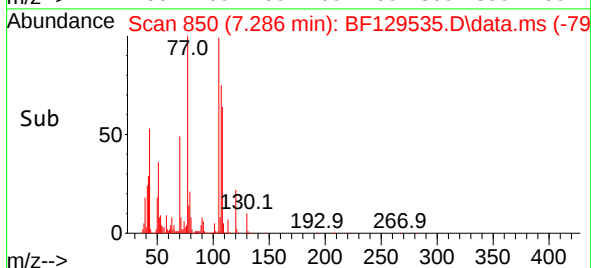
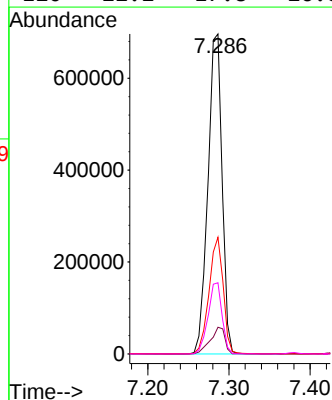
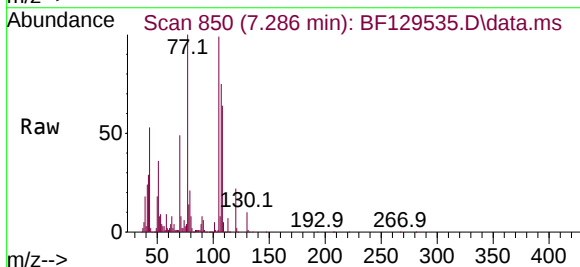
Supervised By :Jagrut
Upadhyay

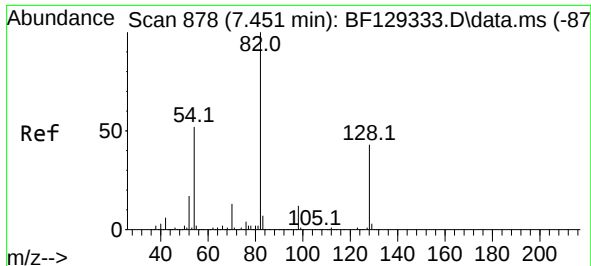
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#22
Acetophenone
Concen: 45.358 ng
RT: 7.286 min Scan# 850
Delta R.T. -0.000 min
Lab File: BF129535.D
Acq: 03 Aug 2022 12:03

Tgt Ion:105 Resp: 848501
Ion Ratio Lower Upper
105 100
71 8.3 5.0 7.4#
51 36.4 25.0 37.4
120 22.2 17.8 26.8





#23

Nitrobenzene-d5

Concen: 86.678 ng

RT: 7.445 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF129535.D

Acq: 03 Aug 2022 12:03

Instrument :

BNA_F

ClientSampleId :

PB146585BSD

Tgt Ion: 82 Resp: 1275823

Ion Ratio Lower Upper

82 100

128 45.3 34.0 51.0

54 50.3 46.9 70.3

Manual Integrations

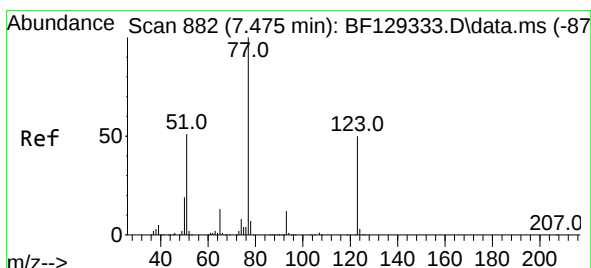
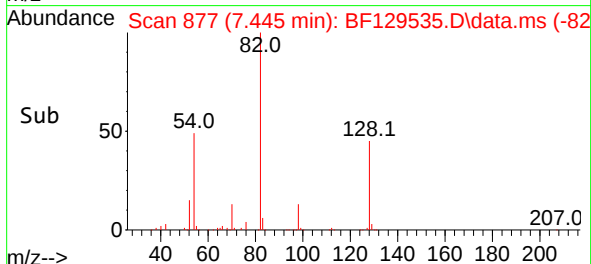
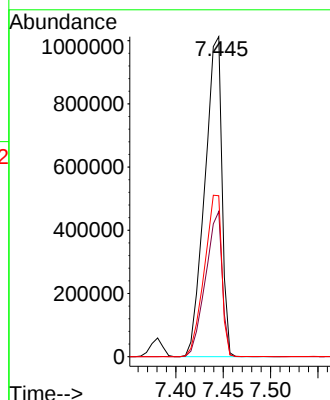
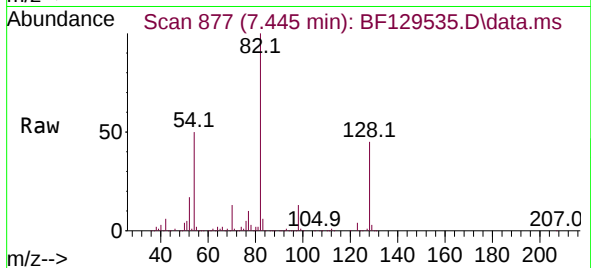
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Giraldo

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Supervised By :Jagrut
Upadhyay

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#24

Nitrobenzene

Concen: 43.629 ng

RT: 7.463 min Scan# 880

Delta R.T. -0.000 min

Lab File: BF129535.D

Acq: 03 Aug 2022 12:03

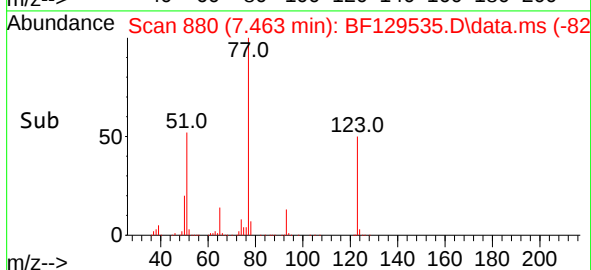
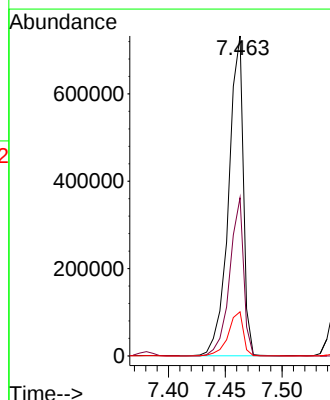
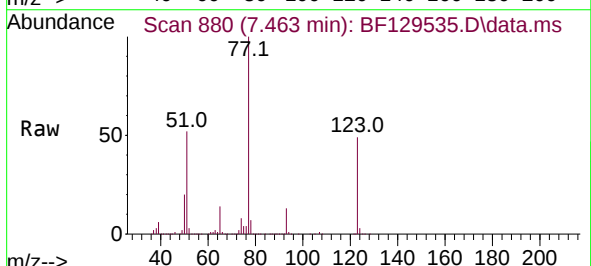
Tgt Ion: 77 Resp: 661289

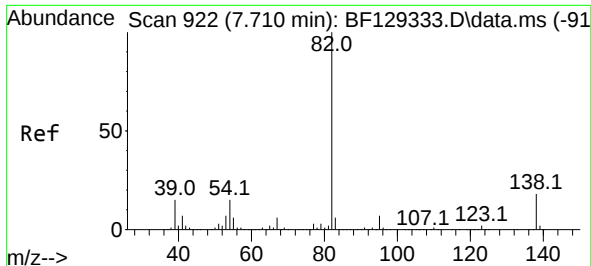
Ion Ratio Lower Upper

77 100

123 49.4 35.4 53.2

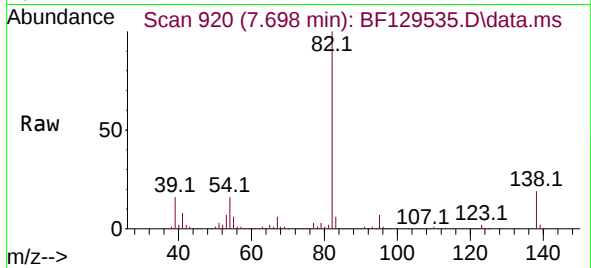
65 13.8 11.8 17.8





#25
Isophorone
Concen: 46.230 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF129535.D
Acq: 03 Aug 2022 12:03

Instrument :
BNA_F
ClientSampleId :
PB146585BSD



Tgt Ion: 82 Resp: 1219743
Ion Ratio Lower Upper
82 100
95 7.2 5.7 8.5
138 18.7 14.2 21.2

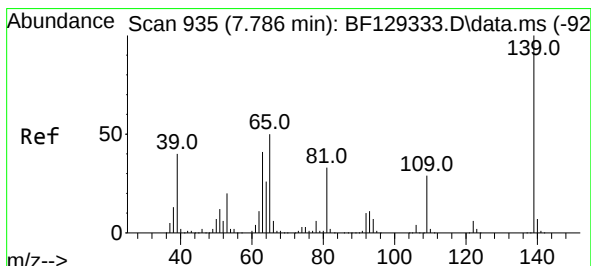
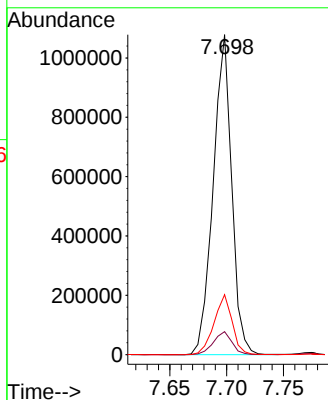
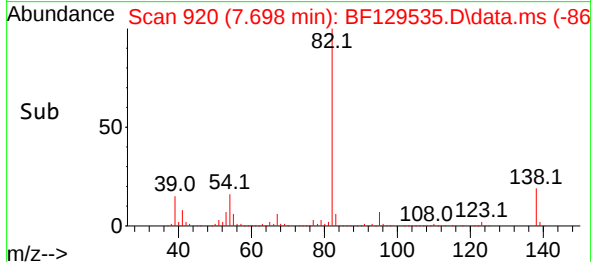
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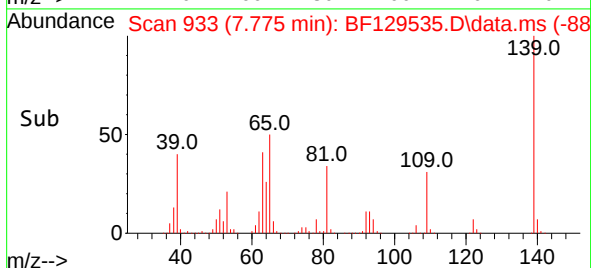
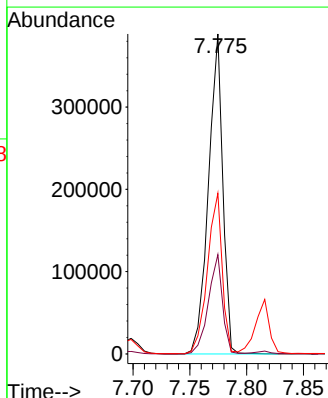
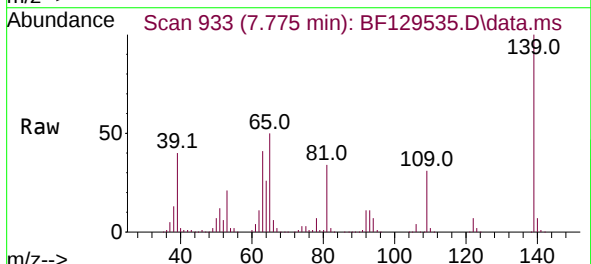
Supervised By :Jagrut
Upadhyay

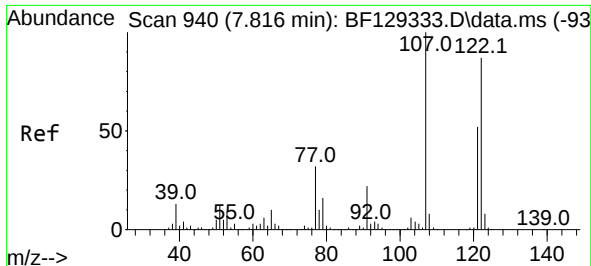
08/05/2022



#26
2-Nitrophenol
Concen: 45.856 ng
RT: 7.775 min Scan# 933
Delta R.T. -0.000 min
Lab File: BF129535.D
Acq: 03 Aug 2022 12:03

Tgt Ion:139 Resp: 342885
Ion Ratio Lower Upper
139 100
109 31.0 25.0 37.4
65 50.2 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 51.996 ng m

RT: 7.816 min Scan# 94

Delta R.T. -0.000 min

Lab File: BF129535.D

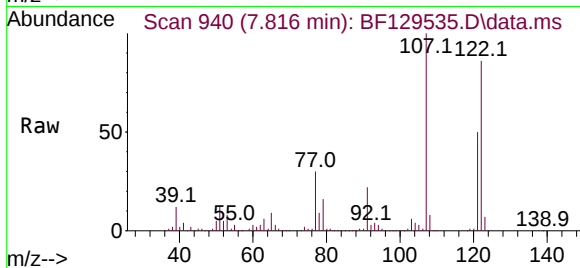
Acq: 03 Aug 2022 12:03

Instrument :

BNA_F

ClientSampleId :

PB146585BSD



Tgt Ion	Ratio	Lower	Upper
122	100		
107	115.6	93.0	139.6
121	57.9	46.6	70.0

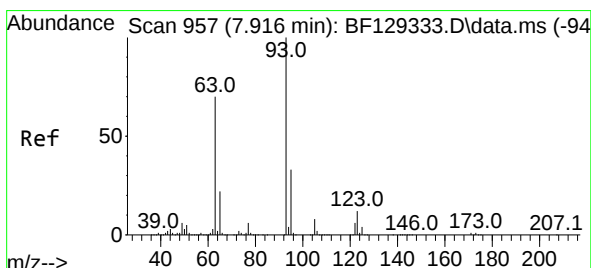
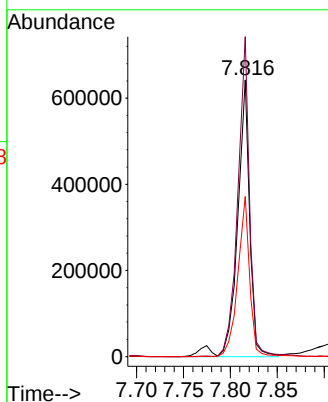
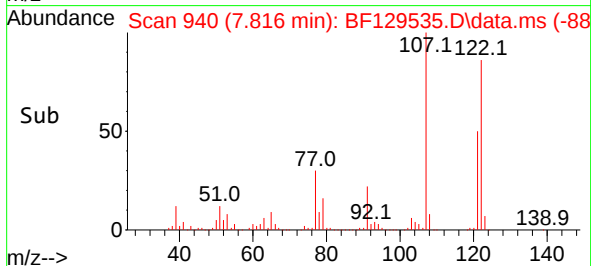
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo

08/04/2022

Supervised By :Jagrut
Upadhyay

08/05/2022



#28

bis(2-Chloroethoxy)methane

Concen: 48.927 ng

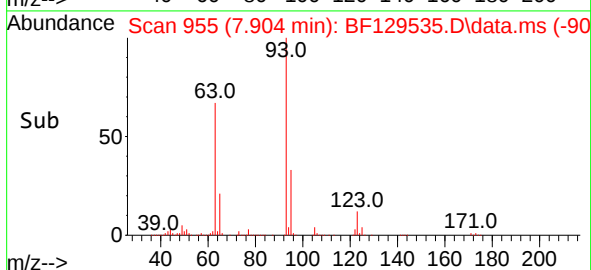
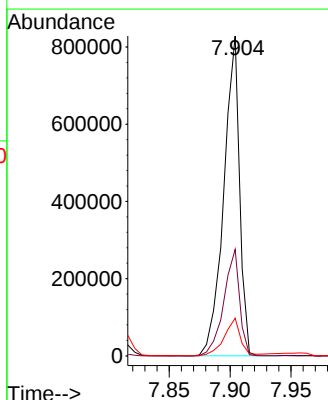
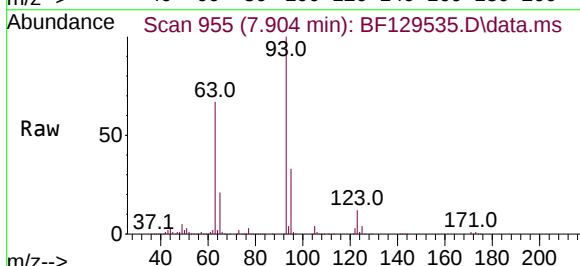
RT: 7.904 min Scan# 955

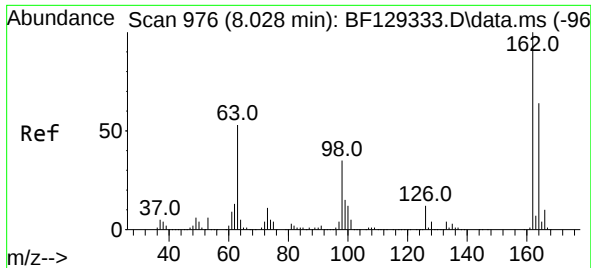
Delta R.T. -0.000 min

Lab File: BF129535.D

Acq: 03 Aug 2022 12:03

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.8	40.2
123	11.8	9.2	13.8





#29

2,4-Dichlorophenol

Concen: 44.646 ng

RT: 8.022 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF129535.D

Acq: 03 Aug 2022 12:03

Instrument :

BNA_F

ClientSampleId :

PB146585BSD

Tgt Ion:162 Resp: 516862

Ion Ratio Lower Upper

162 100

164 64.3 44.2 84.2

98 39.3 19.6 59.6

Manual Integrations

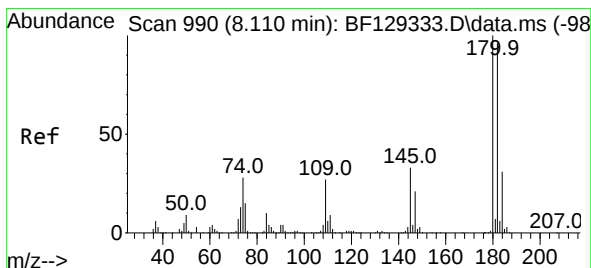
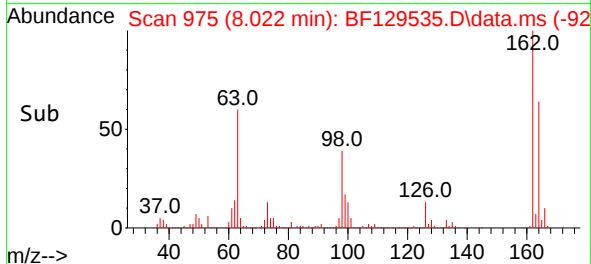
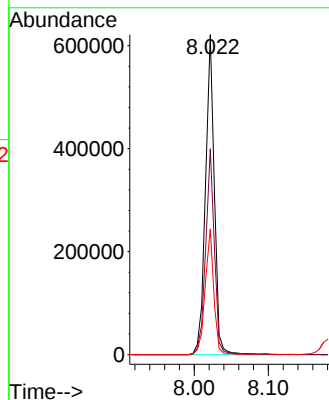
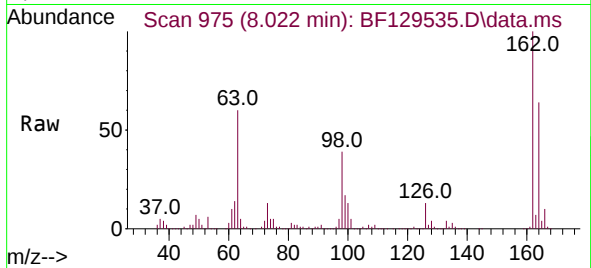
APPROVED

Reviewed By :Christian
Giraldo

08/04/2022

Supervised By :Jagrut
Upadhyay

08/05/2022



#30

1,2,4-Trichlorobenzene

Concen: 44.914 ng

RT: 8.098 min Scan# 988

Delta R.T. -0.000 min

Lab File: BF129535.D

Acq: 03 Aug 2022 12:03

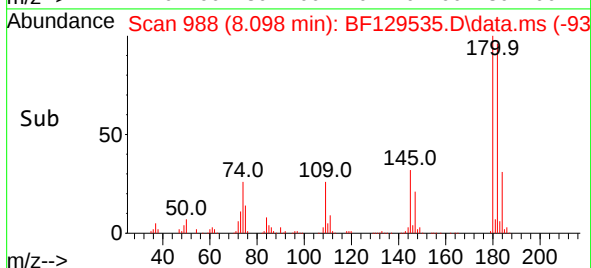
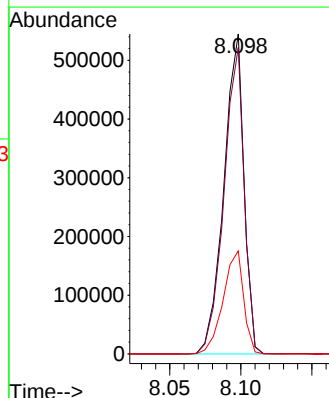
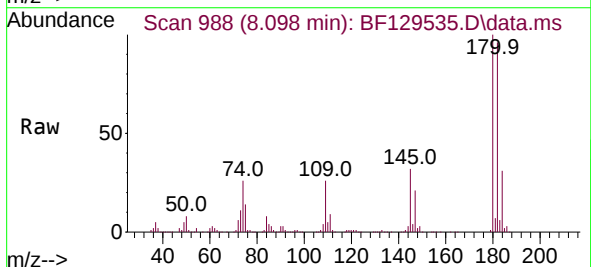
Tgt Ion:180 Resp: 538201

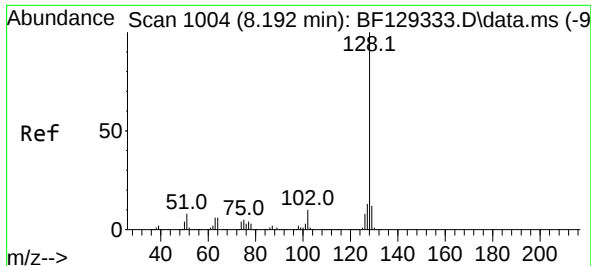
Ion Ratio Lower Upper

180 100

182 95.8 79.2 118.8

145 32.2 26.2 39.2





#31

Naphthalene

Concen: 43.441 ng

RT: 8.181 min Scan# 10

Delta R.T. -0.000 min

Lab File: BF129535.D

Acq: 03 Aug 2022 12:03

Instrument :

BNA_F

ClientSampleId :

PB146585BSD

Tgt Ion:128 Resp: 1773354

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.2	13.8
127	13.3	10.5	15.7

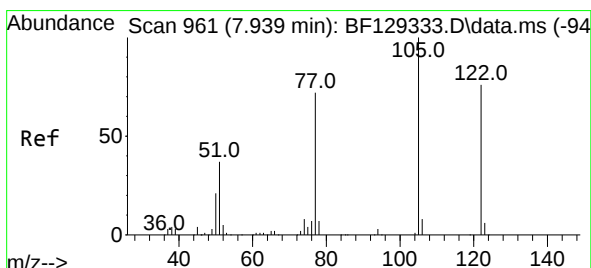
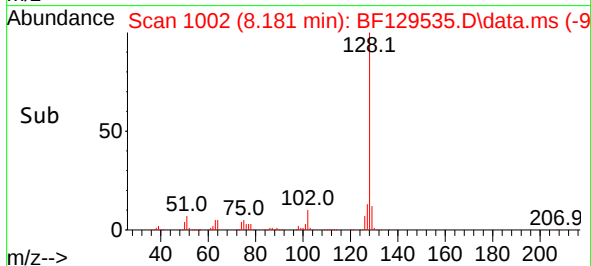
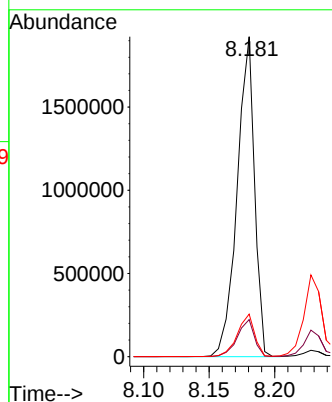
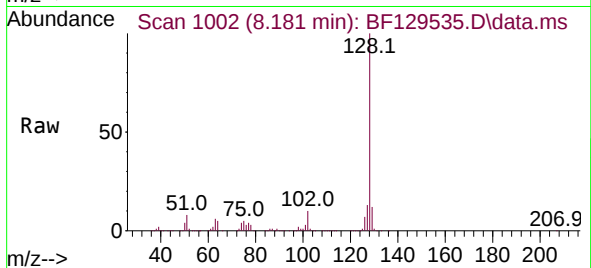
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo

08/04/2022

Supervised By :Jagrut
Upadhyay

08/05/2022



#32

Benzoic acid

Concen: 36.457 ng

RT: 7.957 min Scan# 964

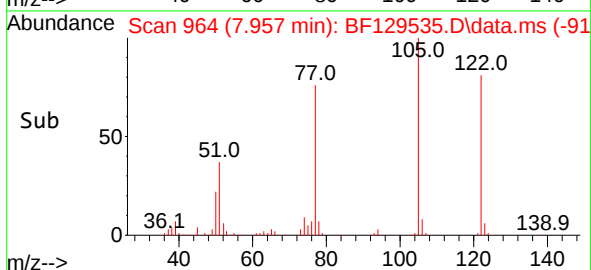
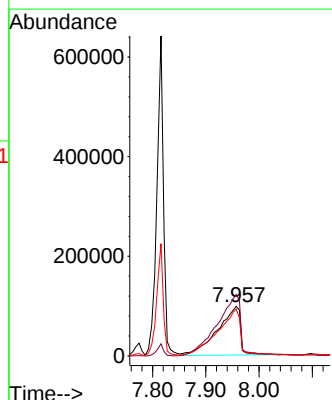
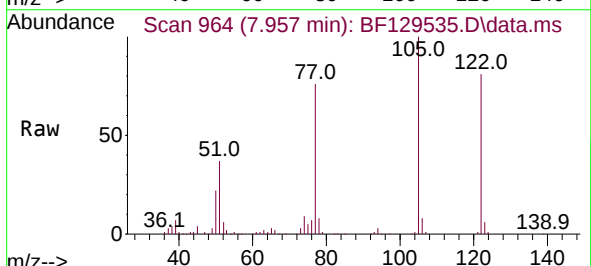
Delta R.T. 0.018 min

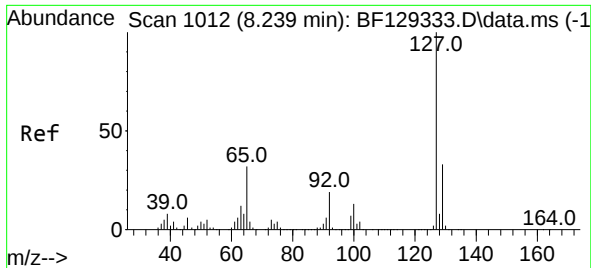
Lab File: BF129535.D

Acq: 03 Aug 2022 12:03

Tgt Ion:122 Resp: 295616

Ion	Ratio	Lower	Upper
122	100		
105	123.6	107.1	147.1
77	94.4	74.2	114.2





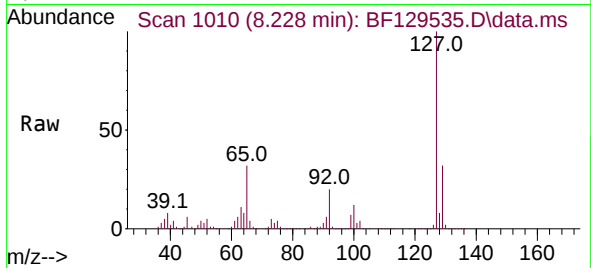
#33
4-Chloroaniline
Concen: 31.637 ng
RT: 8.228 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF129535.D
Acq: 03 Aug 2022 12:03

Instrument :

BNA_F

ClientSampleId :

PB146585BSD



Tgt Ion:127 Resp: 53023
Ion Ratio Lower Upper
127 100
129 32.4 26.4 39.6
65 31.9 26.4 39.6
92 19.7 16.0 24.0

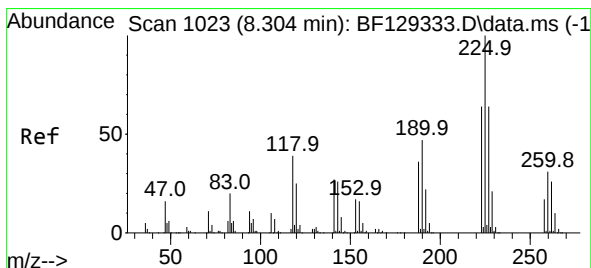
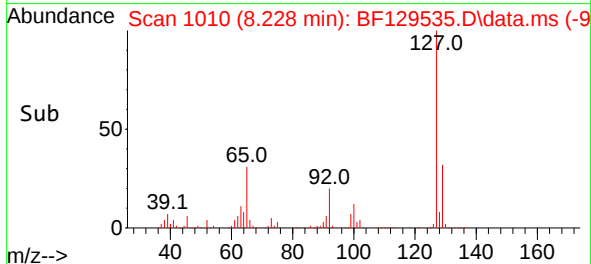
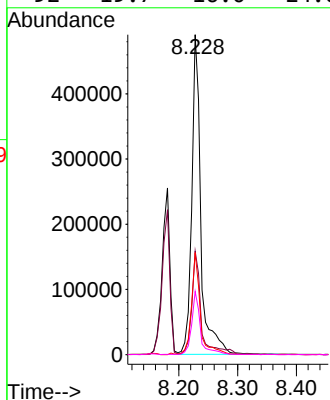
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo

08/04/2022

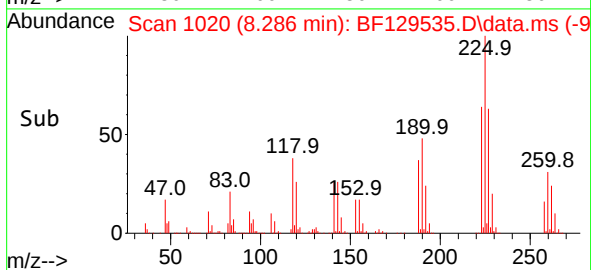
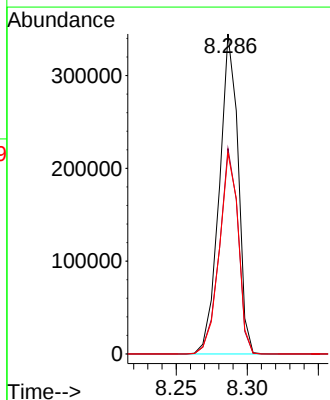
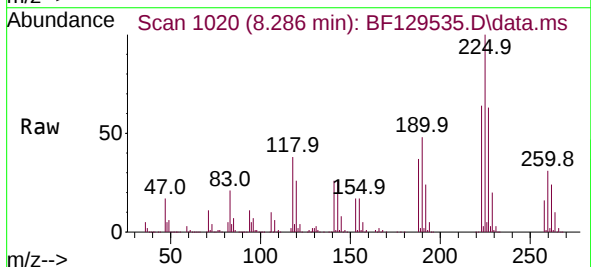
Supervised By :Jagrut
Upadhyay

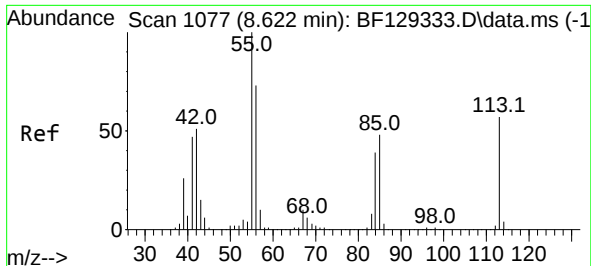
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#34
Hexachlorobutadiene
Concen: 46.491 ng
RT: 8.286 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF129535.D
Acq: 03 Aug 2022 12:03

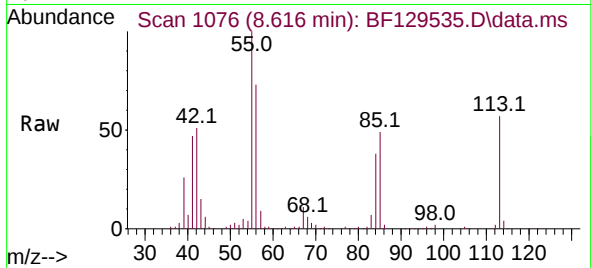
Tgt Ion:225 Resp: 316670
Ion Ratio Lower Upper
225 100
223 64.2 51.0 76.6
227 62.7 51.1 76.7





#35
 Caprolactam
 Concen: 45.489 ng m
 RT: 8.616 min Scan# 1076
 Delta R.T. -0.000 min
 Lab File: BF129535.D
 Acq: 03 Aug 2022 12:03

Instrument :
 BNA_F
 ClientSampleId :
 PB146585BSD



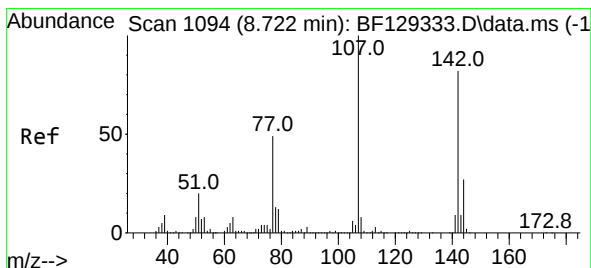
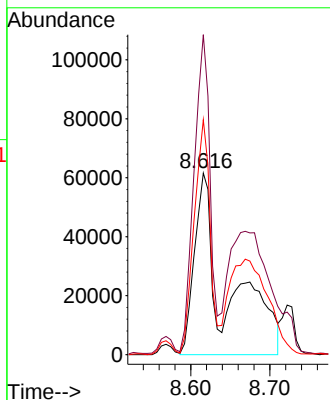
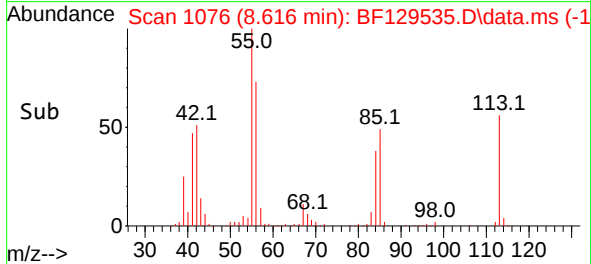
Tgt Ion:113 Resp: 171208
 Ion Ratio Lower Upper
 113 100
 55 176.3 188.5 228.5
 56 129.4 130.6 170.6

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Reviewed By :Christian
 Giraldo

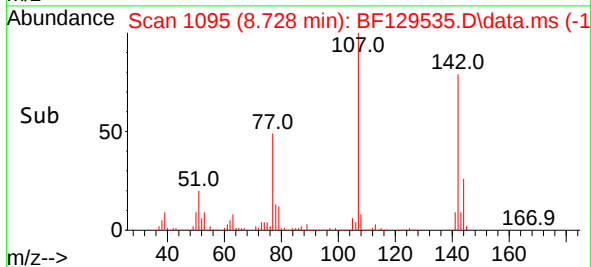
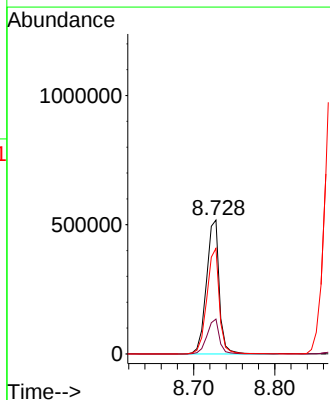
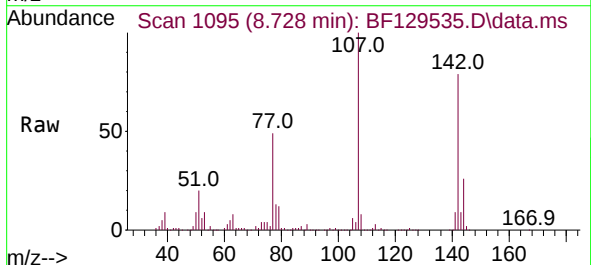
08/04/2022
 Supervised By :Jagrut
 Upadhyay

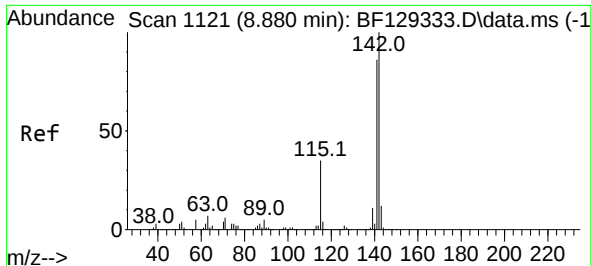
08/05/2022



#36
 4-Chloro-3-methylphenol
 Concen: 46.360 ng
 RT: 8.728 min Scan# 1095
 Delta R.T. 0.006 min
 Lab File: BF129535.D
 Acq: 03 Aug 2022 12:03

Tgt Ion:107 Resp: 569237
 Ion Ratio Lower Upper
 107 100
 144 26.1 19.5 29.3
 142 78.8 58.2 87.4





#37

2-Methylnaphthalene

Concen: 43.799 ng

RT: 8.869 min Scan# 1119

Delta R.T. -0.000 min

Lab File: BF129535.D

Acq: 03 Aug 2022 12:03

Instrument :

BNA_F

ClientSampleId :

PB146585BSD

Tgt Ion:142 Resp: 1161936

Ion Ratio Lower Upper

142 100

141 87.8 71.0 106.4

Manual Integrations

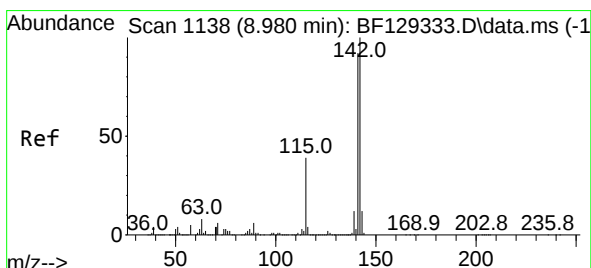
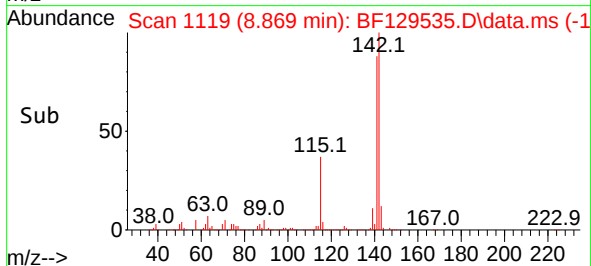
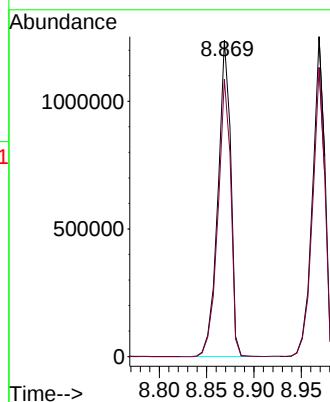
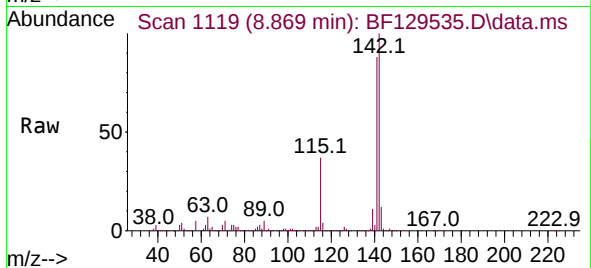
APPROVED

Reviewed By :Christian
Giraldo

08/04/2022

Supervised By :Jagrut
Upadhyay

08/05/2022



#38

1-Methylnaphthalene

Concen: 43.613 ng

RT: 8.969 min Scan# 1136

Delta R.T. -0.000 min

Lab File: BF129535.D

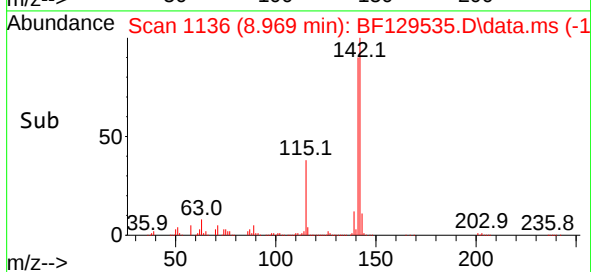
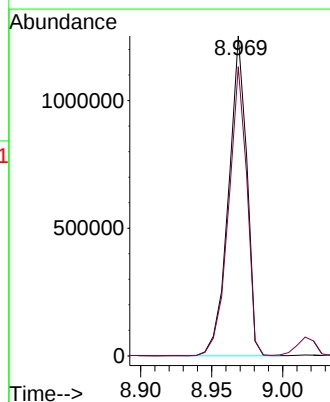
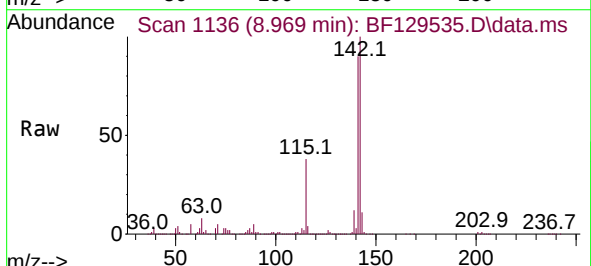
Acq: 03 Aug 2022 12:03

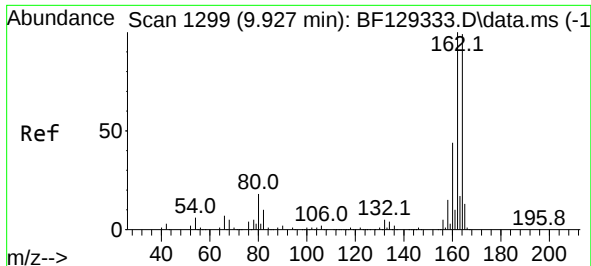
Tgt Ion:142 Resp: 1116894

Ion Ratio Lower Upper

142 100

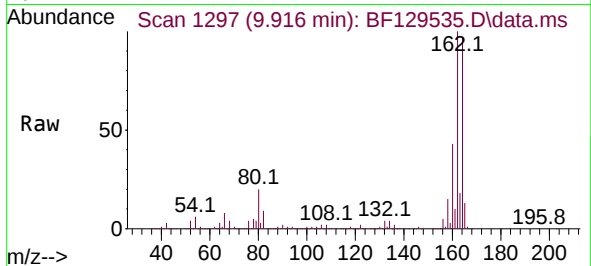
141 90.4 74.2 111.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BF129535.D
Acq: 03 Aug 2022 12:03

Instrument :
BNA_F
ClientSampleId :
PB146585BSD



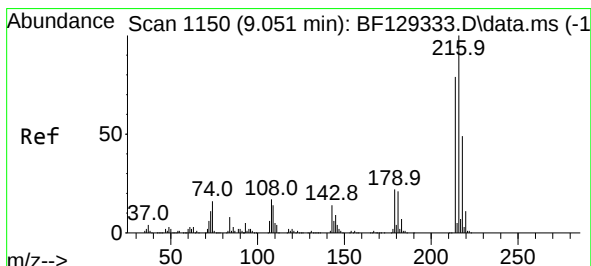
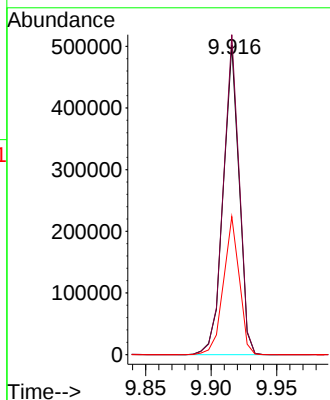
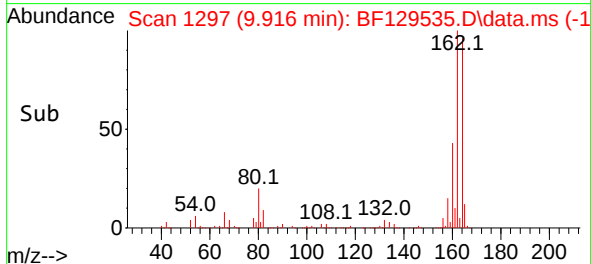
Tgt Ion:164 Resp: 425937
Ion Ratio Lower Upper
164 100
162 103.4 79.5 119.3
160 44.6 34.2 51.4

Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo

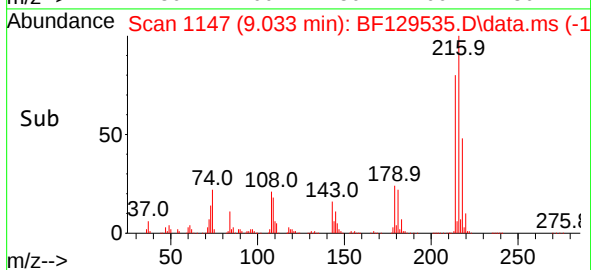
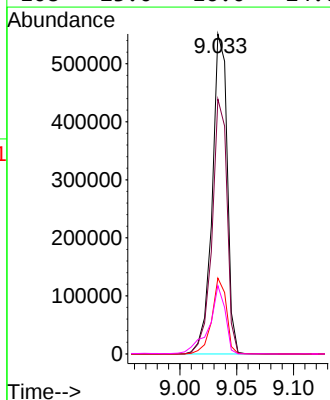
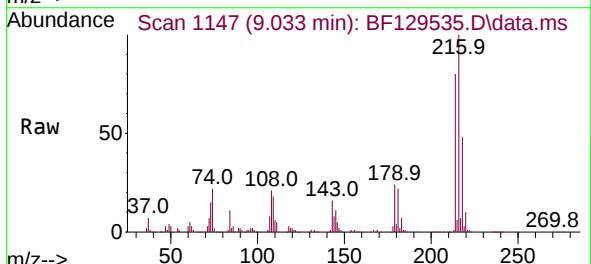
08/04/2022
Supervised By :Jagrut
Upadhyay

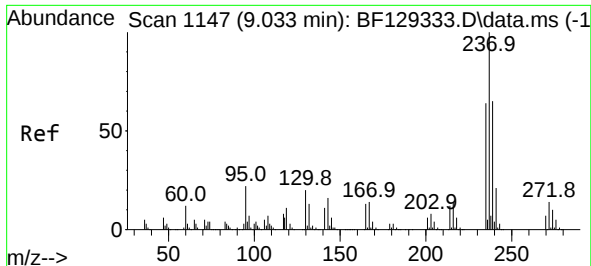
08/05/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.268 ng
RT: 9.033 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BF129535.D
Acq: 03 Aug 2022 12:03

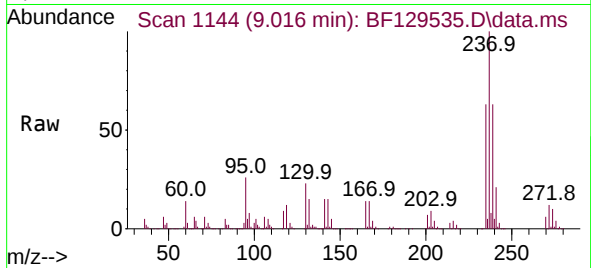
Tgt Ion:216 Resp: 506291
Ion Ratio Lower Upper
216 100
214 79.2 63.6 95.4
179 22.8 17.0 25.6
108 23.0 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 101.261 ng
RT: 9.016 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BF129535.D
Acq: 03 Aug 2022 12:03

Instrument :
BNA_F
ClientSampleId :
PB146585BSD



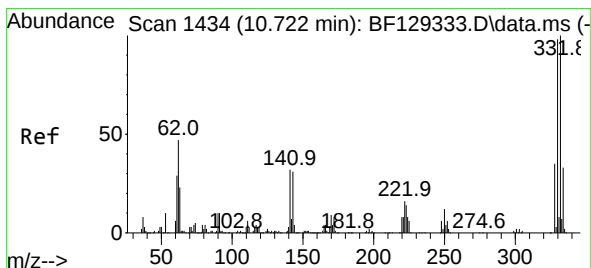
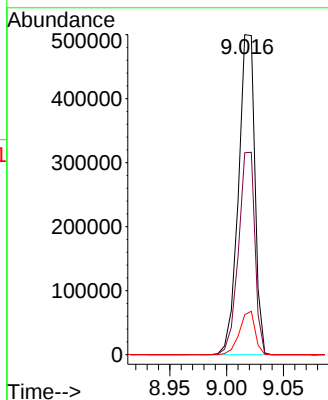
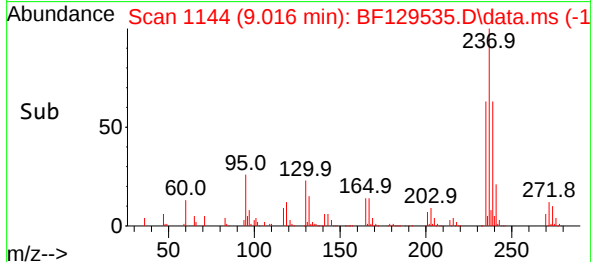
Tgt Ion:237 Resp: 504302
Ion Ratio Lower Upper
237 100
235 63.1 43.2 83.2
272 12.5 0.0 31.9

Manual Integrations
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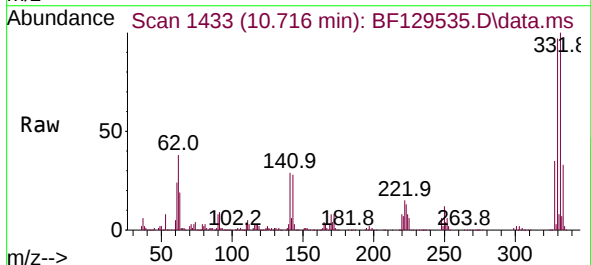
Reviewed By :Christian
Giraldo

08/04/2022
Supervised By :Jagrut
Upadhyay

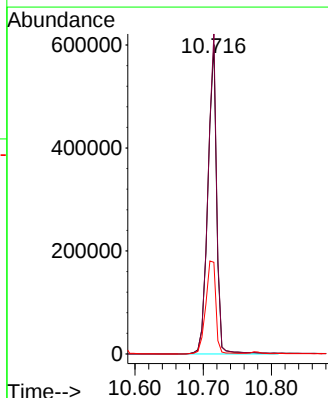
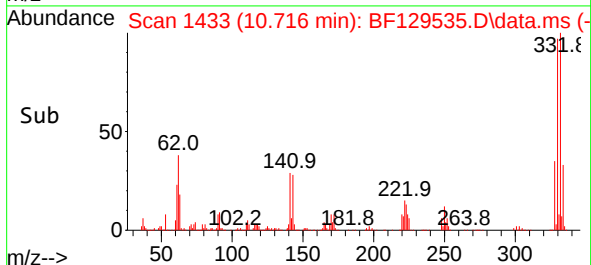
08/05/2022

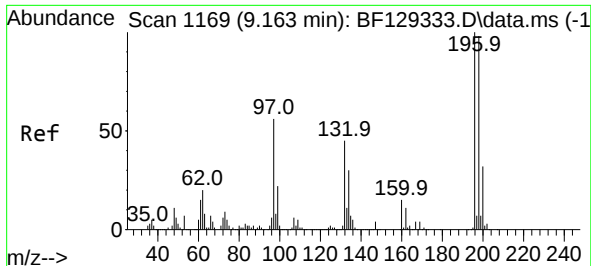


#42
2,4,6-Tribromophenol
Concen: 131.308 ng
RT: 10.716 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF129535.D
Acq: 03 Aug 2022 12:03



Tgt Ion:330 Resp: 537714
Ion Ratio Lower Upper
330 100
332 102.6 76.8 115.2
141 34.9 28.0 42.0





#43
2,4,6-Trichlorophenol
Concen: 42.615 ng
RT: 9.157 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF129535.D
Acq: 03 Aug 2022 12:03

Instrument :

BNA_F

ClientSampleId :

PB146585BSD

Tgt Ion:196 Resp: 346169
Ion Ratio Lower Upper
196 100
198 96.4 74.0 111.0
200 30.7 24.1 36.1

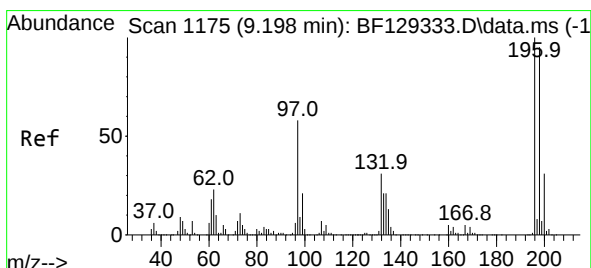
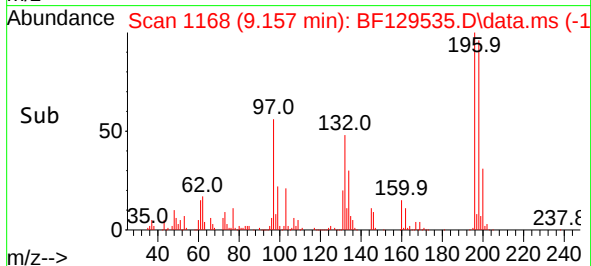
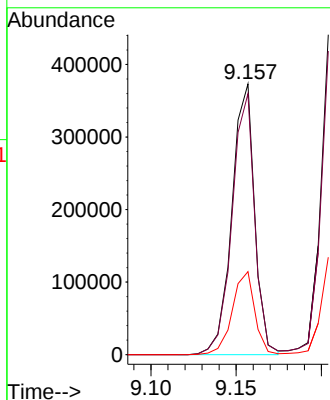
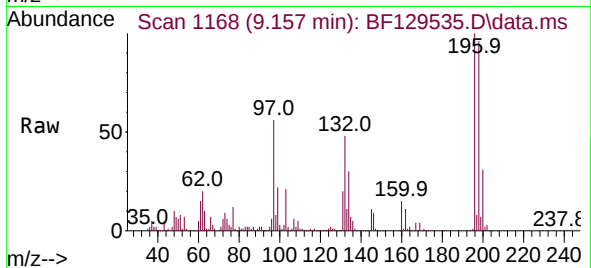
Manual Integrations
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Reviewed By :Christian
Giraldo

08/04/2022

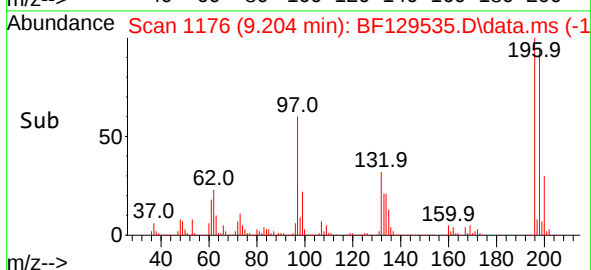
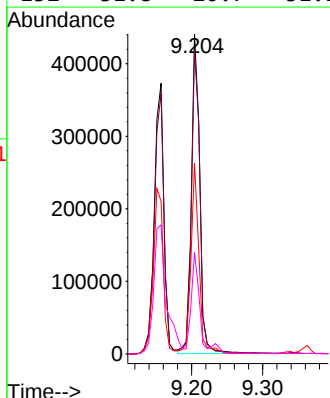
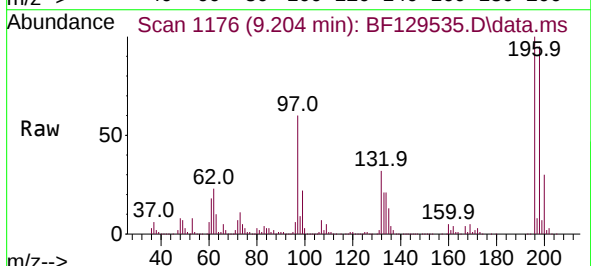
Supervised By :Jagrut
Upadhyay

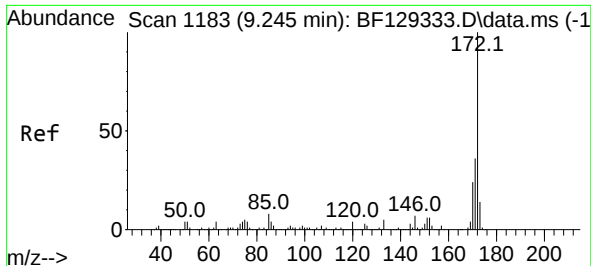
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#44
2,4,5-Trichlorophenol
Concen: 41.110 ng
RT: 9.204 min Scan# 1176
Delta R.T. 0.006 min
Lab File: BF129535.D
Acq: 03 Aug 2022 12:03

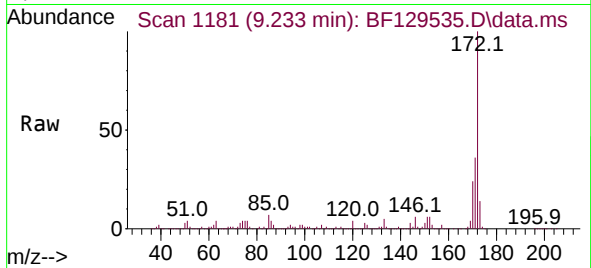
Tgt Ion:196 Resp: 363160
Ion Ratio Lower Upper
196 100
198 94.9 75.7 113.5
97 59.6 36.4 54.6#
132 31.8 20.7 31.1#





#45
2-Fluorobiphenyl
Concen: 81.176 ng
RT: 9.233 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BF129535.D
Acq: 03 Aug 2022 12:03

Instrument :
BNA_F
ClientSampleId :
PB146585BSD



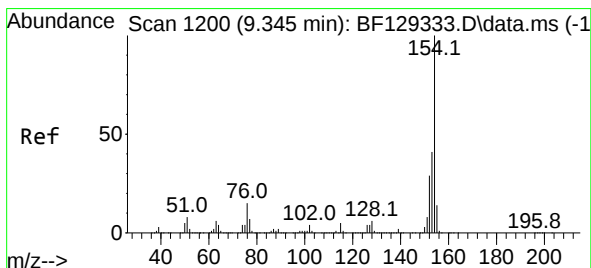
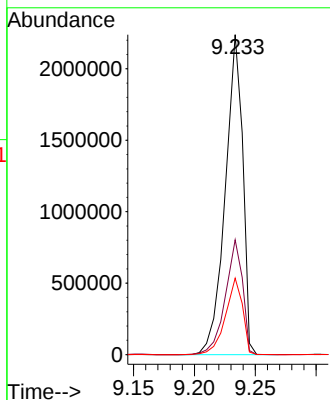
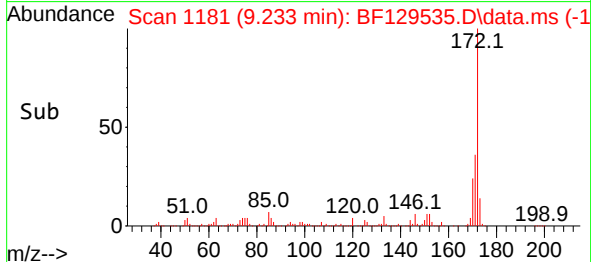
Tgt Ion:172 Resp: 223510
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 23.9 19.8 29.8

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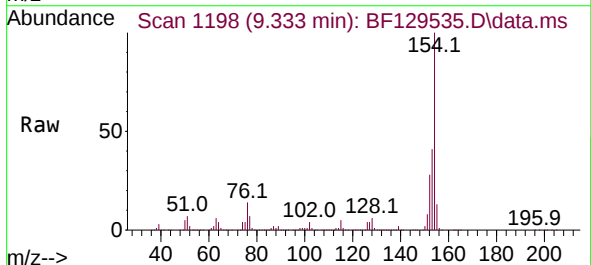
Reviewed By :Christian
Giraldo

08/04/2022
Supervised By :Jagrut
Upadhyay

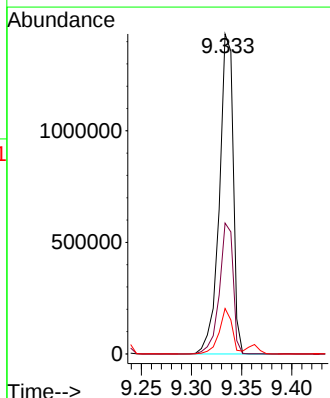
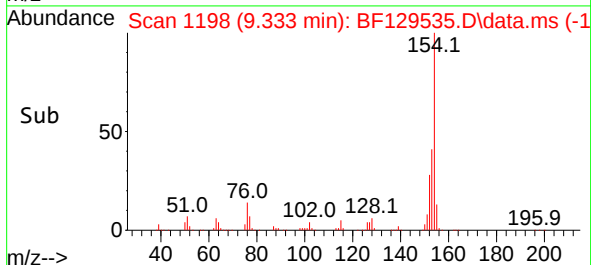
08/05/2022

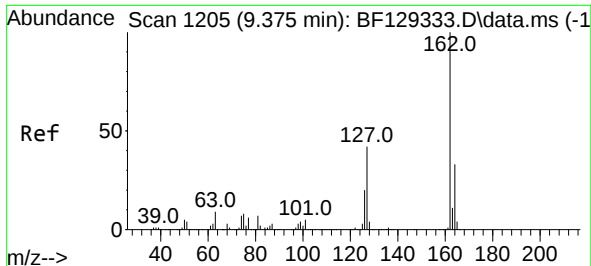


#46
1,1'-Biphenyl
Concen: 44.473 ng
RT: 9.333 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BF129535.D
Acq: 03 Aug 2022 12:03



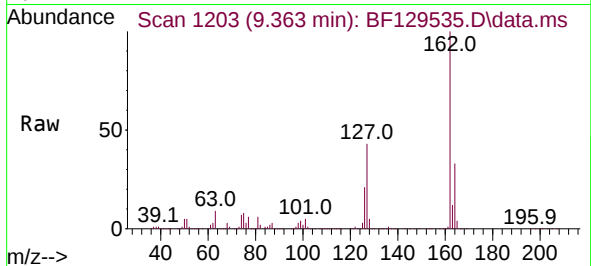
Tgt Ion:154 Resp: 1382442
Ion Ratio Lower Upper
154 100
153 40.9 20.6 60.6
76 14.2 0.0 33.3





#47
2-Chloronaphthalene
Concen: 43.410 ng
RT: 9.363 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129535.D
Acq: 03 Aug 2022 12:03

Instrument :
BNA_F
ClientSampleId :
PB146585BSD



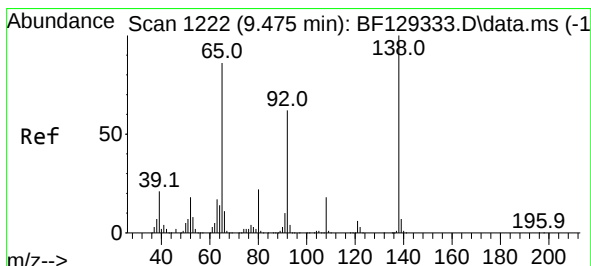
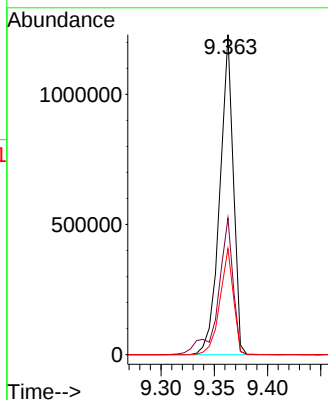
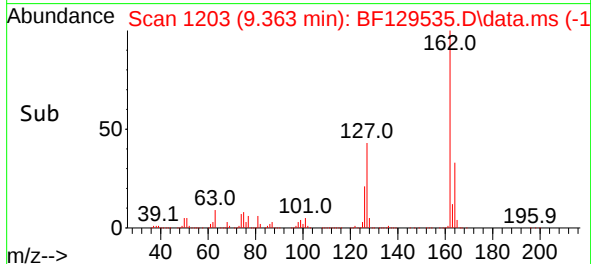
Tgt Ion:162 Resp: 109084
Ion Ratio Lower Upper
162 100
127 42.7 34.5 51.7
164 33.1 26.5 39.7

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Reviewed By :Christian
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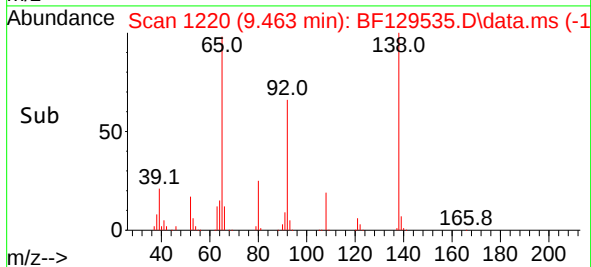
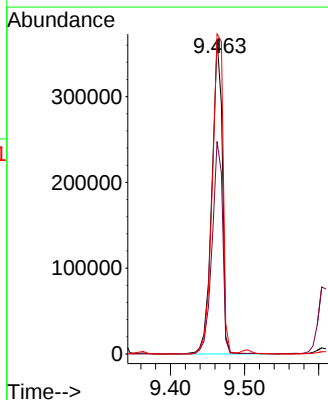
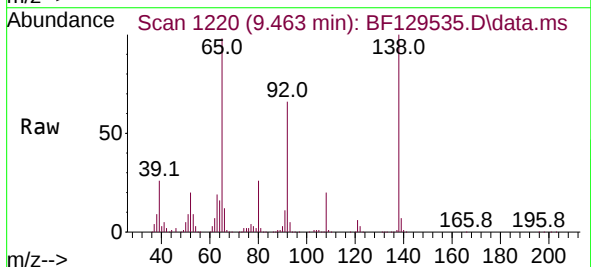
08/04/2022
Supervised By :Jagrut
Upadhyay

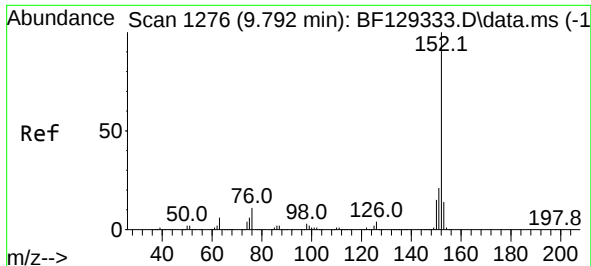
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#48
2-Nitroaniline
Concen: 43.098 ng
RT: 9.463 min Scan# 1220
Delta R.T. -0.000 min
Lab File: BF129535.D
Acq: 03 Aug 2022 12:03

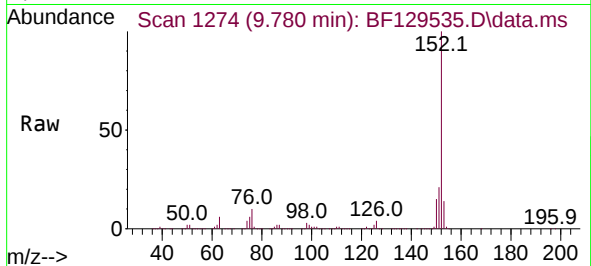
Tgt Ion: 65 Resp: 360126
Ion Ratio Lower Upper
65 100
92 67.6 51.9 77.9
138 101.9 76.4 114.6





#49
Acenaphthylene
Concen: 44.638 ng
RT: 9.780 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129535.D
Acq: 03 Aug 2022 12:03

Instrument :
BNA_F
ClientSampleId :
PB146585BSD



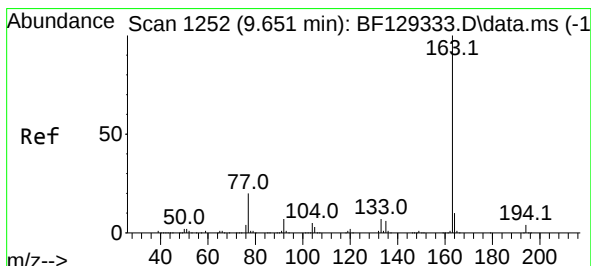
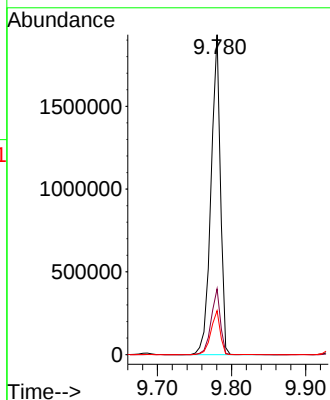
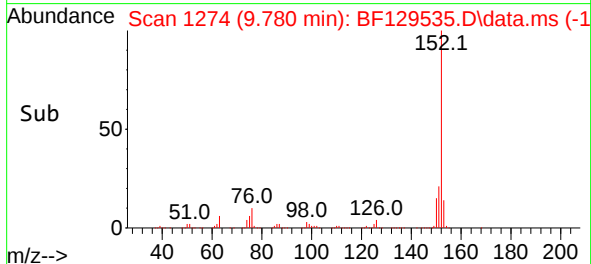
Tgt Ion:152 Resp: 1704412
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.4
153 13.7 10.7 16.1

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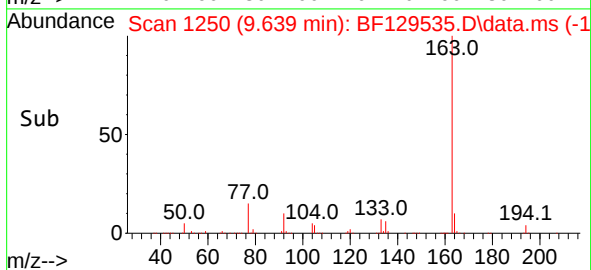
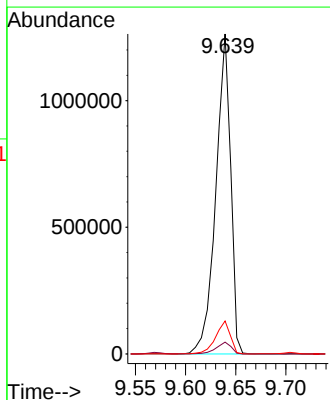
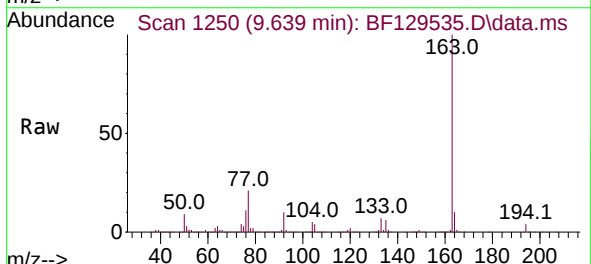
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Supervised By :Jagrut
Upadhyay

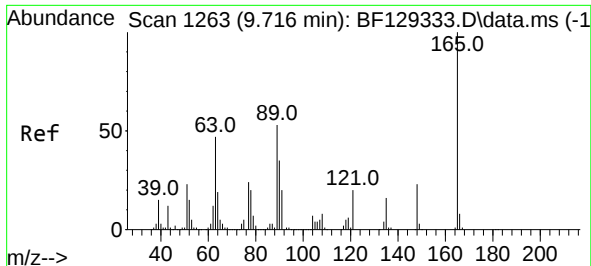
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#50
Dimethylphthalate
Concen: 44.193 ng
RT: 9.639 min Scan# 1250
Delta R.T. -0.000 min
Lab File: BF129535.D
Acq: 03 Aug 2022 12:03

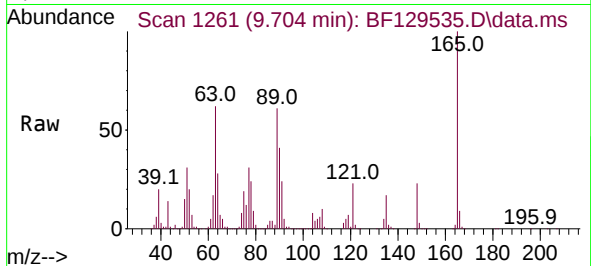
Tgt Ion:163 Resp: 1299427
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 10.3 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 44.241 ng
RT: 9.704 min Scan# 1261
Delta R.T. -0.000 min
Lab File: BF129535.D
Acq: 03 Aug 2022 12:03

Instrument :
BNA_F
ClientSampleId :
PB146585BSD



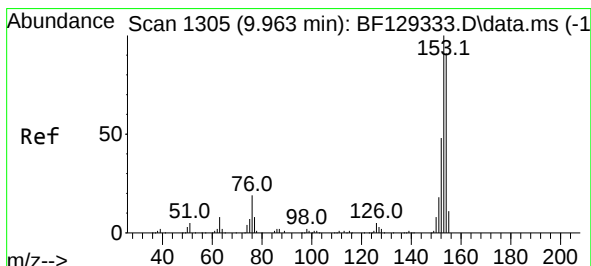
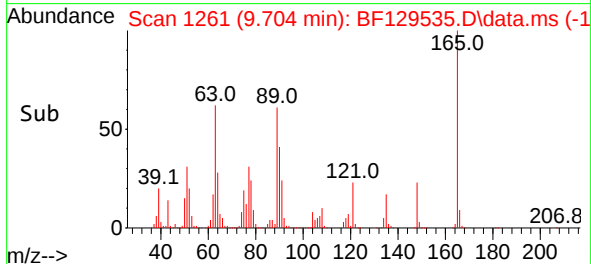
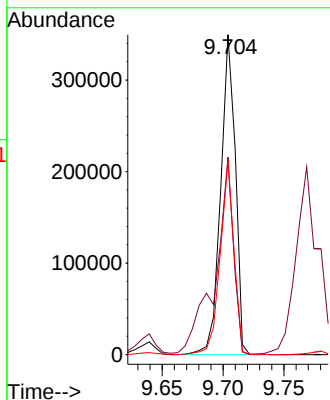
Tgt Ion:165 Resp: 291156
Ion Ratio Lower Upper
165 100
63 61.7 44.9 67.3
89 60.5 43.6 65.4

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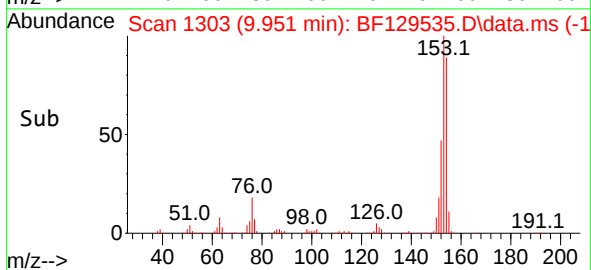
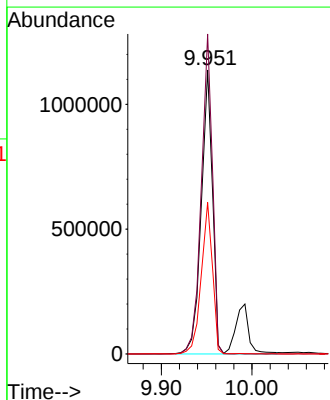
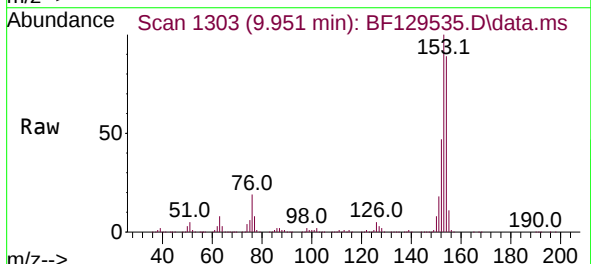
08/04/2022
Supervised By :Jagrut
Upadhyay

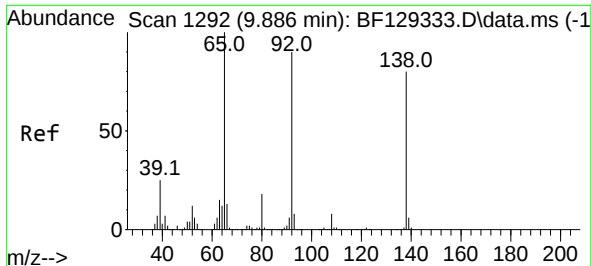
08/05/2022



#52
Acenaphthene
Concen: 47.229 ng m
RT: 9.951 min Scan# 1303
Delta R.T. -0.000 min
Lab File: BF129535.D
Acq: 03 Aug 2022 12:03

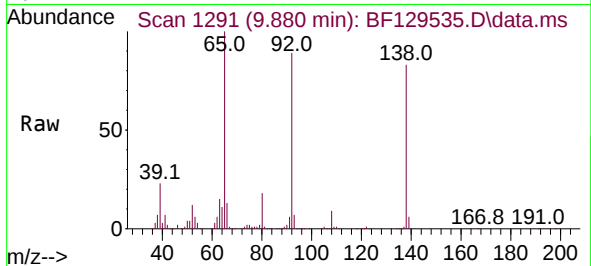
Tgt Ion:154 Resp: 1177858
Ion Ratio Lower Upper
154 100
153 112.7 89.6 134.4
152 53.3 42.4 63.6





#53
3-Nitroaniline
Concen: 31.309 ng
RT: 9.880 min Scan# 1292
Delta R.T. -0.000 min
Lab File: BF129535.D
Acq: 03 Aug 2022 12:03

Instrument :
BNA_F
ClientSampleId :
PB146585BSD



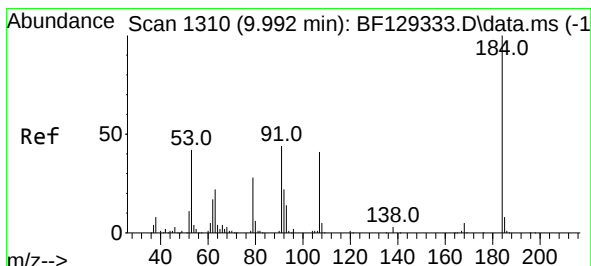
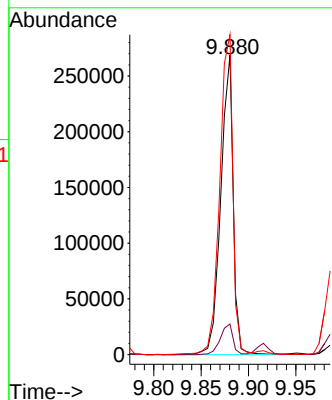
Tgt Ion:138 Resp: 243307
Ion Ratio Lower Upper
138 100
108 10.2 10.9 16.3#
92 106.9 98.2 147.2

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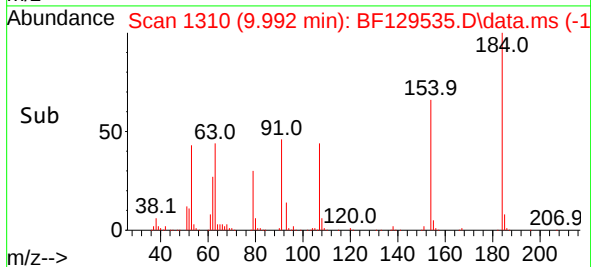
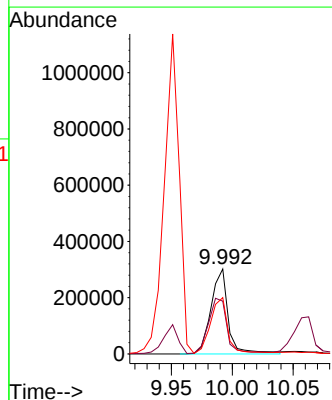
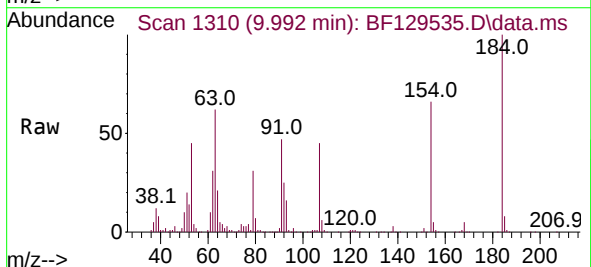
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Supervised By :Jagrut
Upadhyay

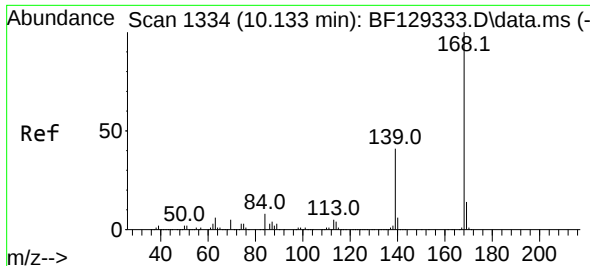
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#54
2,4-Dinitrophenol
Concen: 88.350 ng
RT: 9.992 min Scan# 1310
Delta R.T. 0.012 min
Lab File: BF129535.D
Acq: 03 Aug 2022 12:03

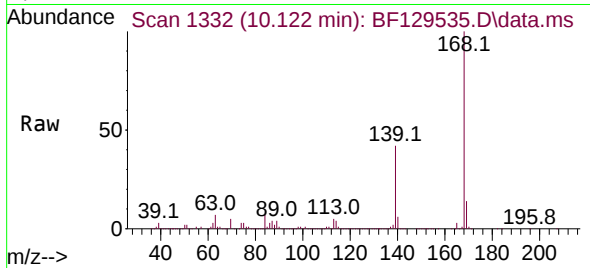
Tgt Ion:184 Resp: 296827
Ion Ratio Lower Upper
184 100
63 62.1 64.5 96.7#
154 66.3 50.6 75.8





#55
Dibenzofuran
Concen: 43.166 ng
RT: 10.122 min Scan# 1332
Delta R.T. -0.000 min
Lab File: BF129535.D
Acq: 03 Aug 2022 12:03

Instrument :
BNA_F
ClientSampleId :
PB146585BSD



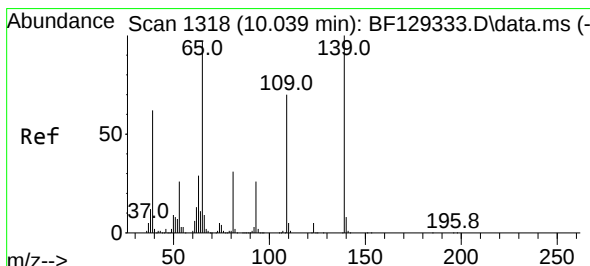
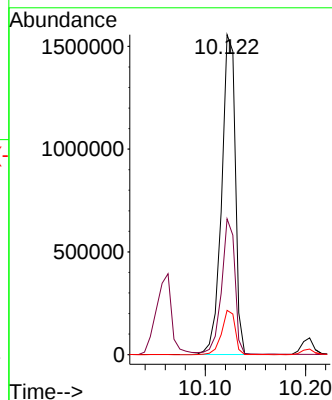
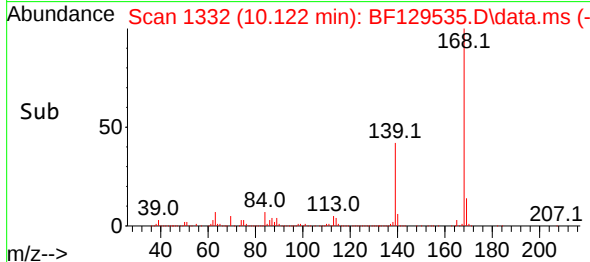
Tgt Ion:168 Resp: 1484019
Ion Ratio Lower Upper
168 100
139 42.4 30.6 46.0
169 13.8 11.0 16.6

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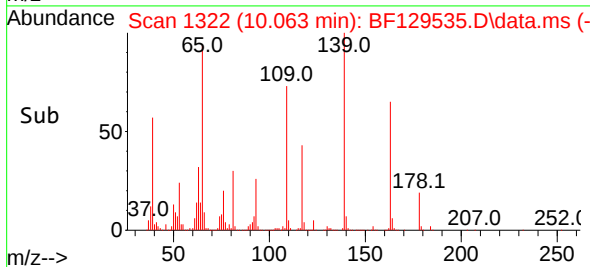
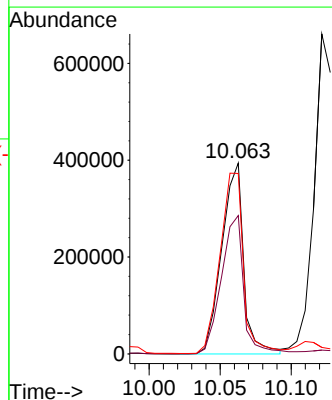
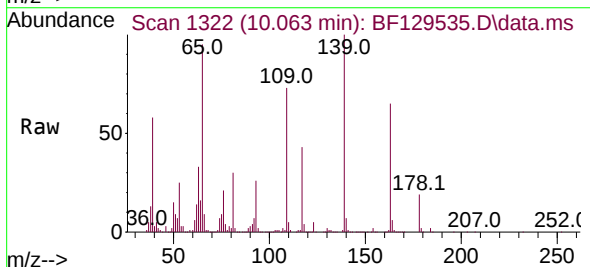
08/04/2022
Supervised By :Jagrut
Upadhyay

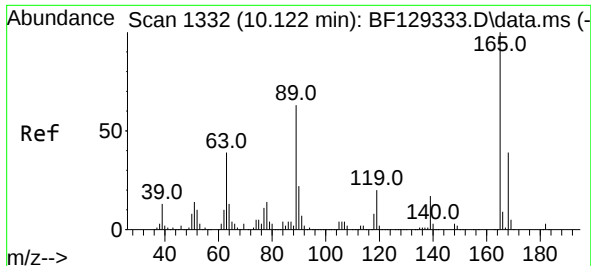
08/05/2022



#56
4-Nitrophenol
Concen: 73.738 ng
RT: 10.063 min Scan# 1322
Delta R.T. 0.018 min
Lab File: BF129535.D
Acq: 03 Aug 2022 12:03

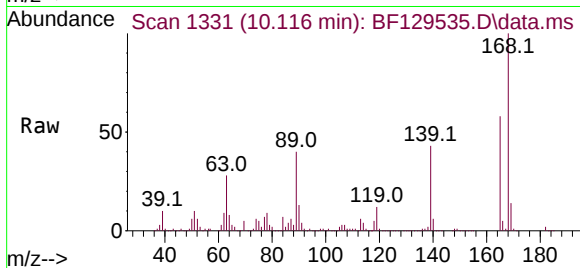
Tgt Ion:139 Resp: 422756
Ion Ratio Lower Upper
139 100
109 72.5 50.7 90.7
65 94.6 74.5 114.5





#57
2,4-Dinitrotoluene
Concen: 44.685 ng
RT: 10.116 min Scan# 1332
Delta R.T. 0.006 min
Lab File: BF129535.D
Acq: 03 Aug 2022 12:03

Instrument :
BNA_F
ClientSampleId :
PB146585BSD



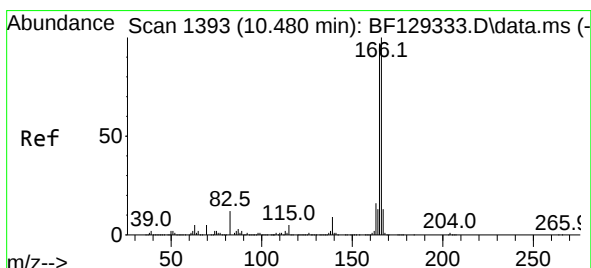
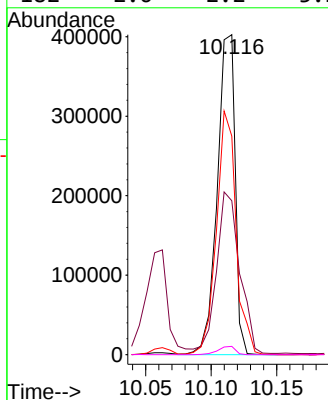
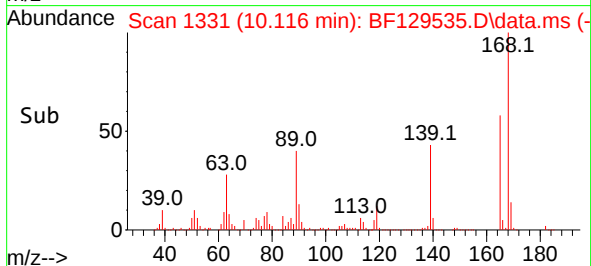
Tgt Ion:165 Resp: 384162
Ion Ratio Lower Upper
165 100
63 48.1 39.8 59.6
89 68.3 60.2 90.2
182 2.6 2.2 3.2

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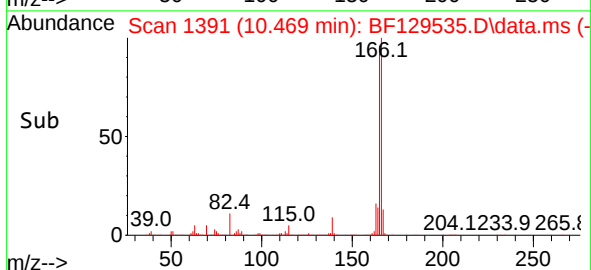
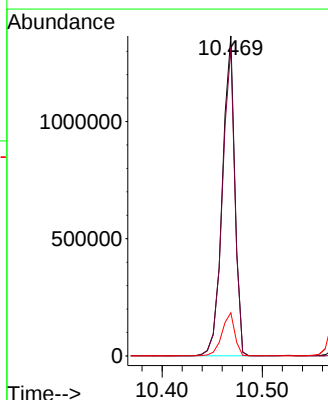
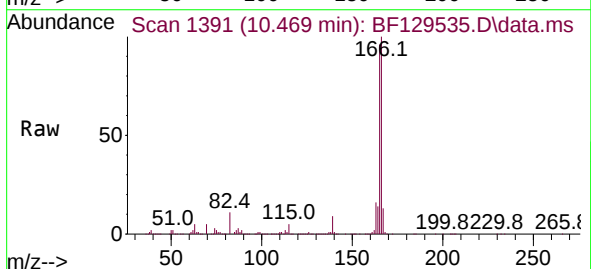
08/04/2022
Supervised By :Jagrut
Upadhyay

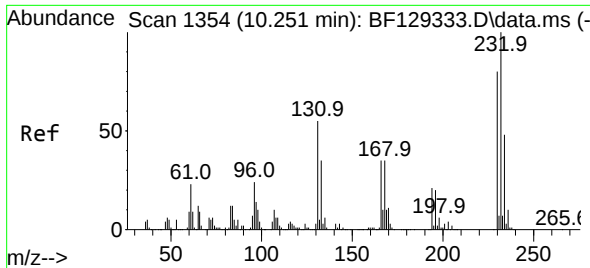
08/05/2022



#58
Fluorene
Concen: 43.059 ng
RT: 10.469 min Scan# 1391
Delta R.T. -0.000 min
Lab File: BF129535.D
Acq: 03 Aug 2022 12:03

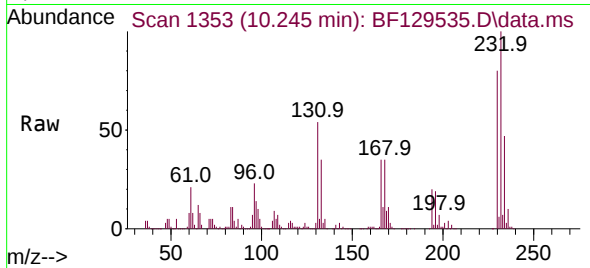
Tgt Ion:166 Resp: 1184444
Ion Ratio Lower Upper
166 100
165 96.4 78.1 117.1
167 13.5 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.390 ng m
RT: 10.245 min Scan# 1353
Delta R.T. -0.000 min
Lab File: BF129535.D
Acq: 03 Aug 2022 12:03

Instrument :
BNA_F
ClientSampleId :
PB146585BSD



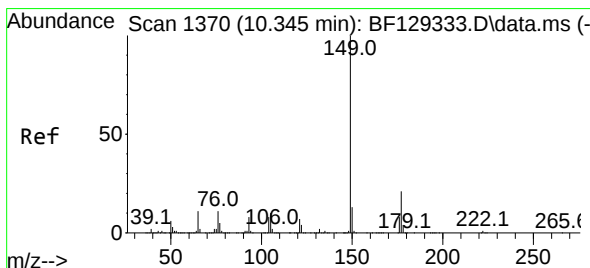
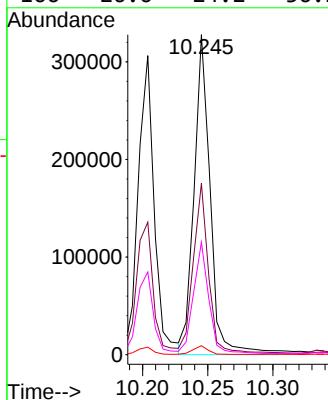
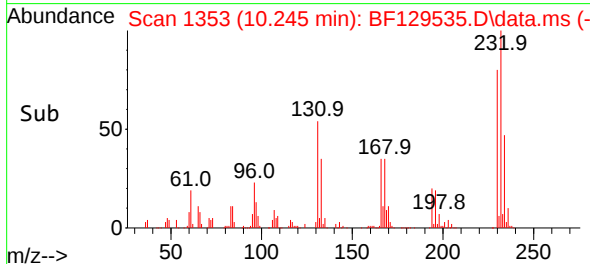
Tgt Ion:232 Resp: 282559
Ion Ratio Lower Upper
232 100
131 43.6 36.1 54.1
130 2.3 1.8 2.8
166 26.6 24.2 36.2

Manual Integrations
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Reviewed By :Christian
Giraldo

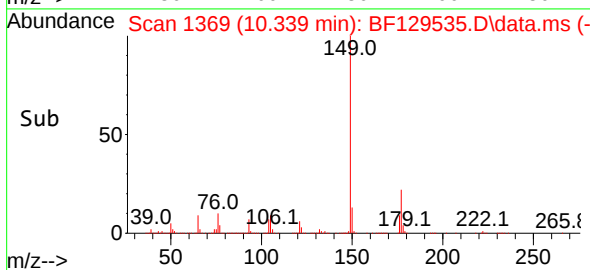
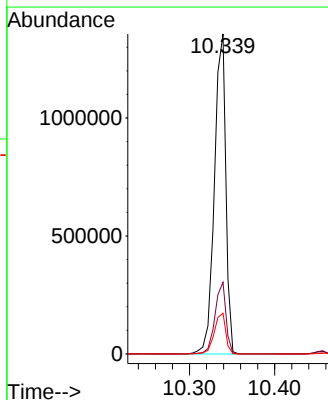
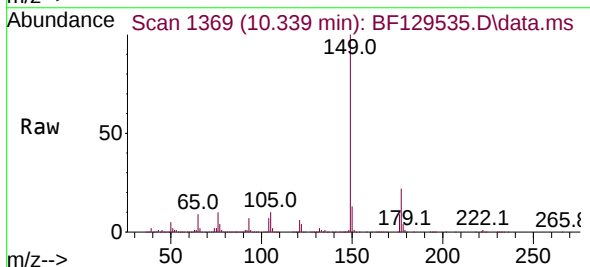
08/04/2022
Supervised By :Jagrut
Upadhyay

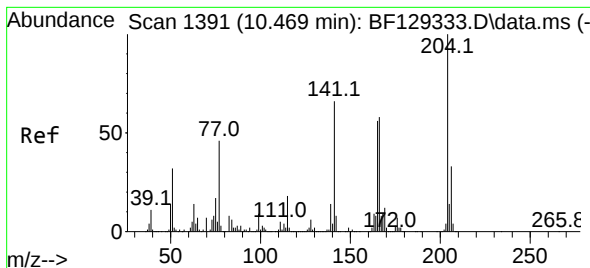
08/05/2022



#60
Diethylphthalate
Concen: 44.270 ng
RT: 10.339 min Scan# 1369
Delta R.T. 0.006 min
Lab File: BF129535.D
Acq: 03 Aug 2022 12:03

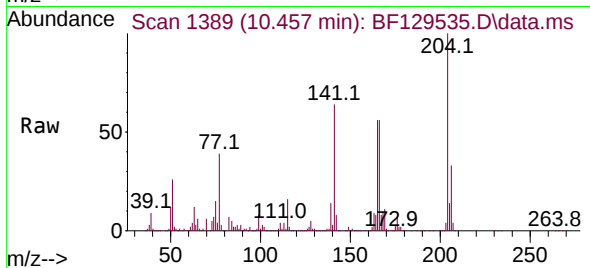
Tgt Ion:149 Resp: 1258330
Ion Ratio Lower Upper
149 100
177 22.4 17.3 25.9
150 12.7 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 45.621 ng
RT: 10.457 min Scan# 1389
Delta R.T. -0.000 min
Lab File: BF129535.D
Acq: 03 Aug 2022 12:03

Instrument :
BNA_F
ClientSampleId :
PB146585BSD



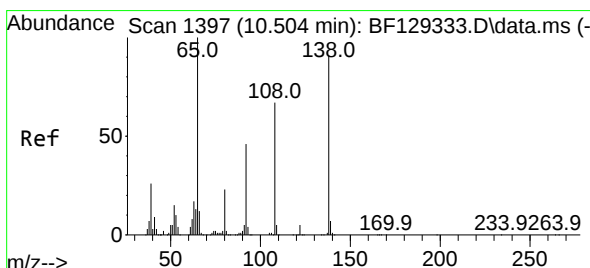
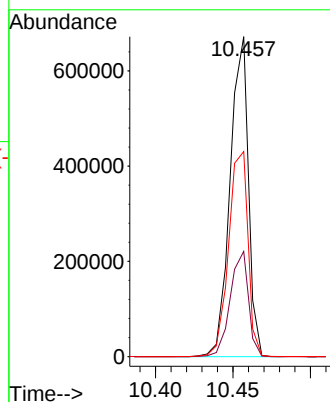
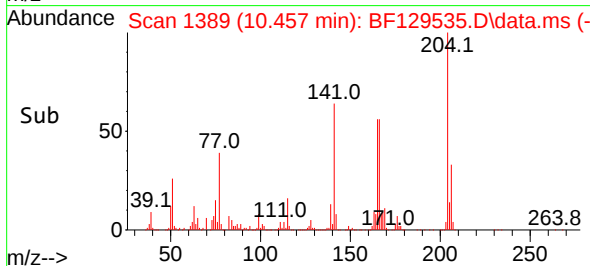
Tgt Ion:204 Resp: 55325
Ion Ratio Lower Upper
204 100
206 32.9 25.8 38.6
141 64.1 47.0 70.4

Manual Integrations
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Reviewed By :Christian
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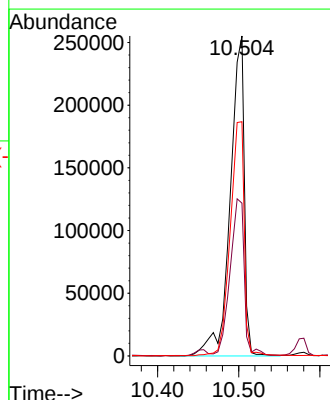
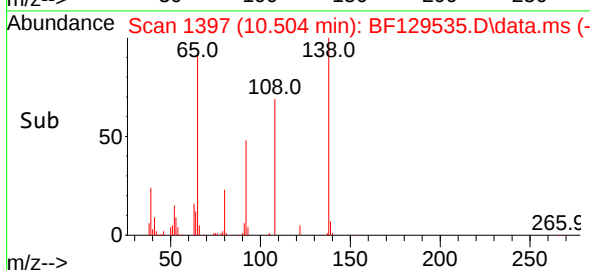
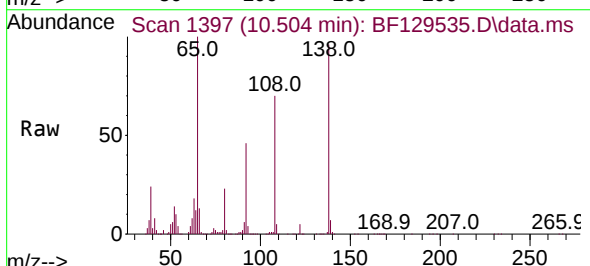
08/04/2022
Supervised By :Jagrut
Upadhyay

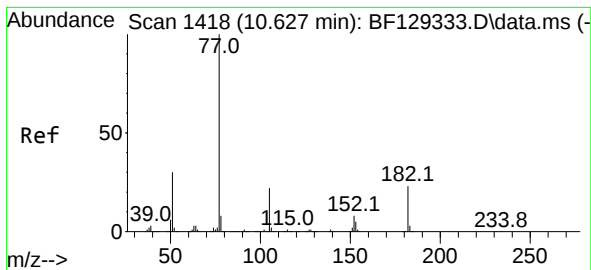
08/05/2022



#62
4-Nitroaniline
Concen: 39.862 ng
RT: 10.504 min Scan# 1397
Delta R.T. 0.006 min
Lab File: BF129535.D
Acq: 03 Aug 2022 12:03

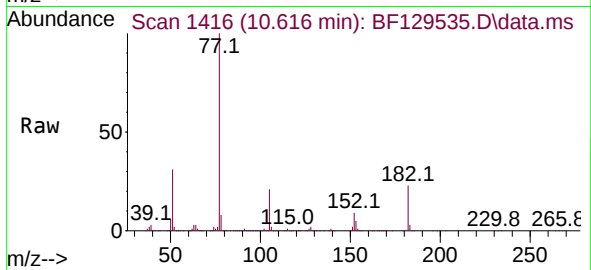
Tgt Ion:138 Resp: 307302
Ion Ratio Lower Upper
138 100
92 47.7 33.5 73.5
108 73.2 61.0 101.0





#63
Azobenzene
Concen: 41.958 ng
RT: 10.616 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF129535.D
Acq: 03 Aug 2022 12:03

Instrument :
BNA_F
ClientSampleId :
PB146585BSD



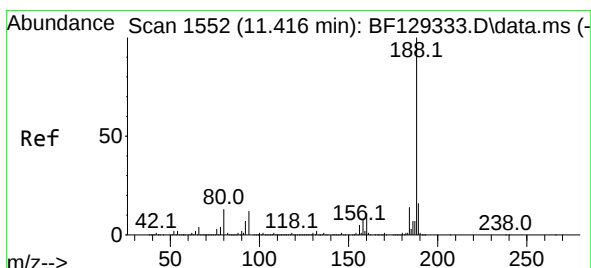
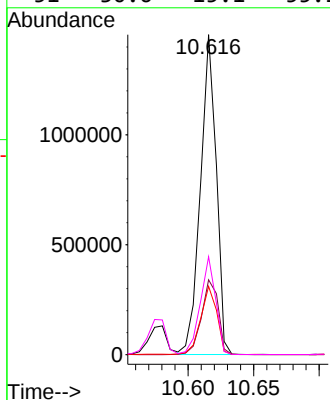
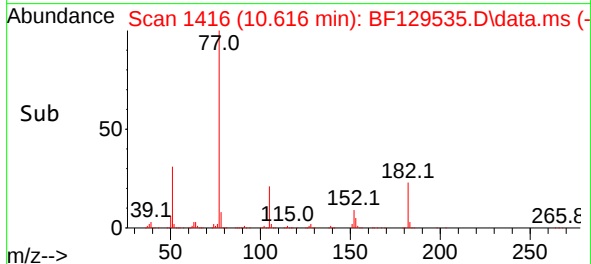
Tgt Ion: 77 Resp: 1216428
Ion Ratio Lower Upper
77 100
182 23.4 5.6 45.6
105 21.3 1.6 41.6
51 30.6 15.1 55.1

Manual Integrations
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Reviewed By :Christian
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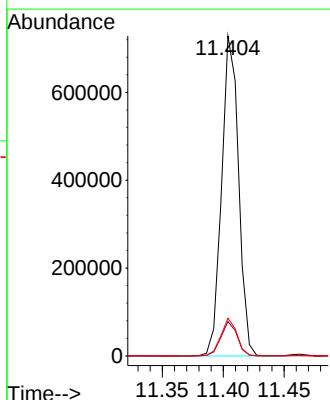
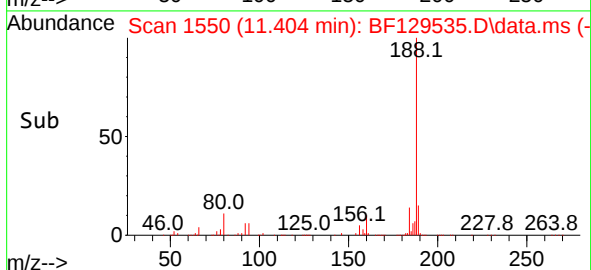
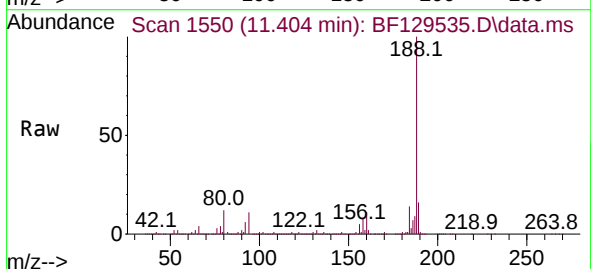
08/04/2022
Supervised By :Jagrut
Upadhyay

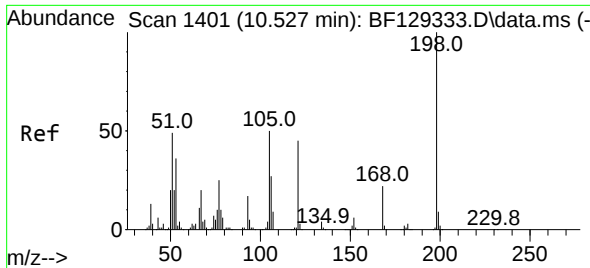
08/05/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1550
Delta R.T. -0.000 min
Lab File: BF129535.D
Acq: 03 Aug 2022 12:03

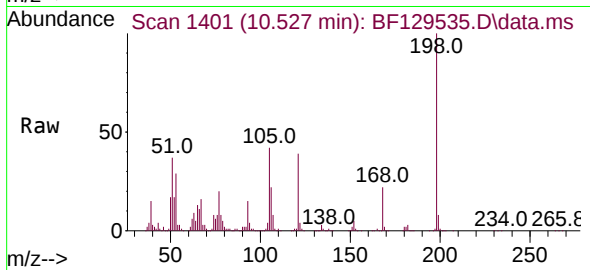
Tgt Ion:188 Resp: 706303
Ion Ratio Lower Upper
188 100
94 10.7 7.0 10.6#
80 11.8 7.6 11.4#





#65
4,6-Dinitro-2-methylphenol
Concen: 44.795 ng
RT: 10.527 min Scan# 1401
Delta R.T. 0.006 min
Lab File: BF129535.D
Acq: 03 Aug 2022 12:03

Instrument :
BNA_F
ClientSampleId :
PB146585BSD



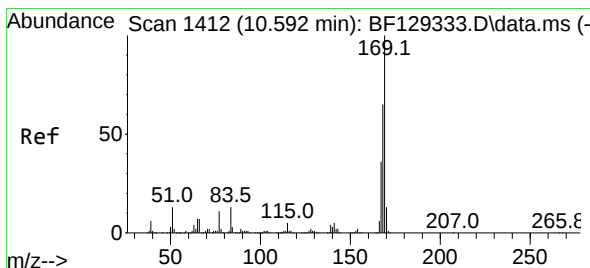
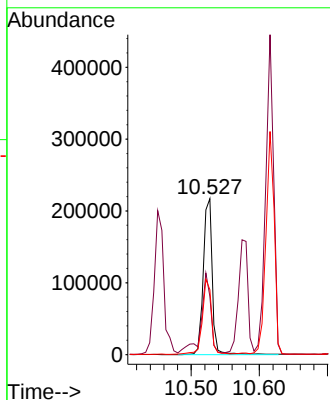
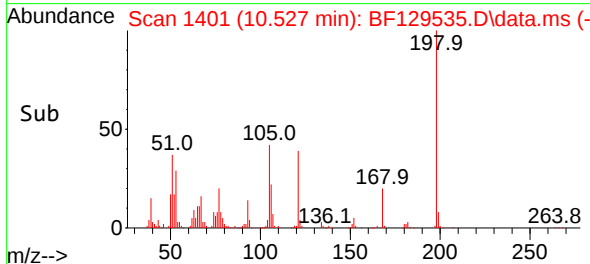
Tgt Ion:198 Resp: 199697
Ion Ratio Lower Upper
198 100
51 37.3 37.6 77.6
105 41.6 27.0 67.0

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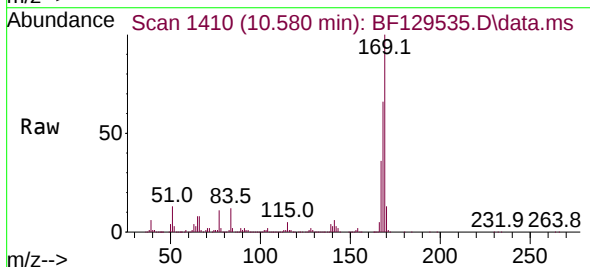
Reviewed By :Christian
Giraldo

08/04/2022
Supervised By :Jagrut
Upadhyay

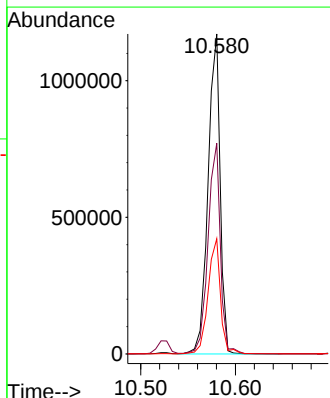
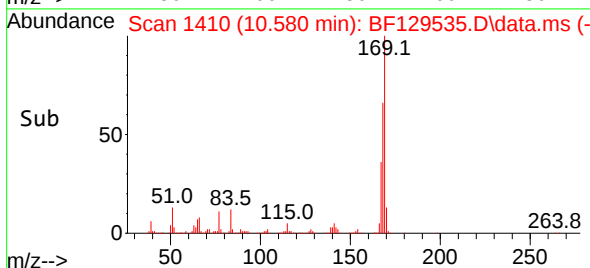
08/05/2022

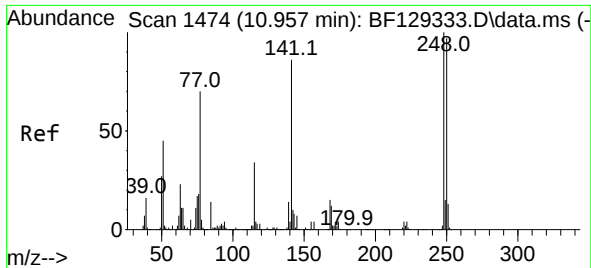


#66
n-Nitrosodiphenylamine
Concen: 44.356 ng
RT: 10.580 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF129535.D
Acq: 03 Aug 2022 12:03



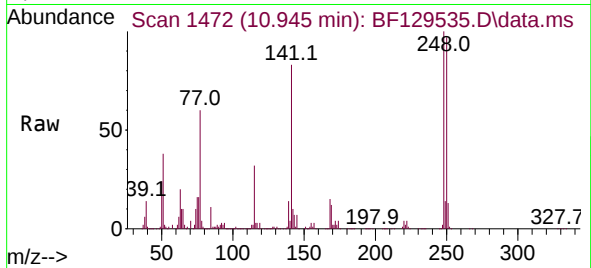
Tgt Ion:169 Resp: 1043332
Ion Ratio Lower Upper
169 100
168 65.8 50.1 75.1
167 36.0 27.9 41.9





#67
4-Bromophenyl-phenylether
Concen: 45.801 ng
RT: 10.945 min Scan# 1474
Delta R.T. -0.000 min
Lab File: BF129535.D
Acq: 03 Aug 2022 12:03

Instrument :
BNA_F
ClientSampleId :
PB146585BSD



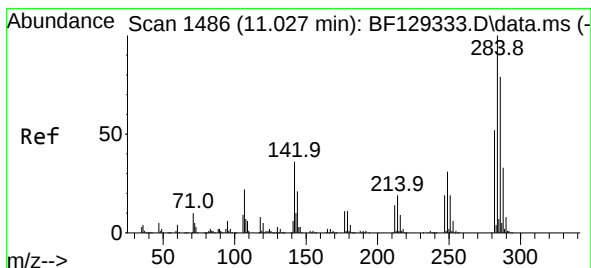
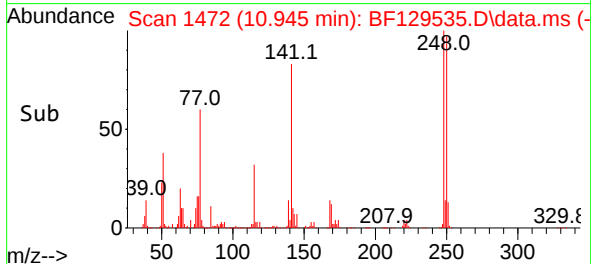
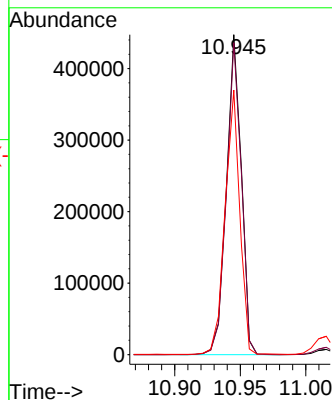
Tgt Ion:248 Resp: 354234
Ion Ratio Lower Upper
248 100
250 97.5 80.6 120.8
141 82.7 58.9 88.3

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Reviewed By :Christian
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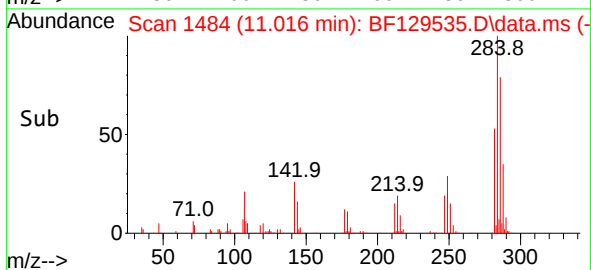
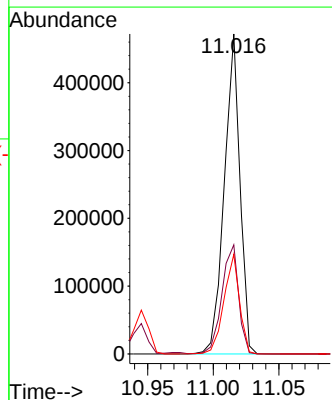
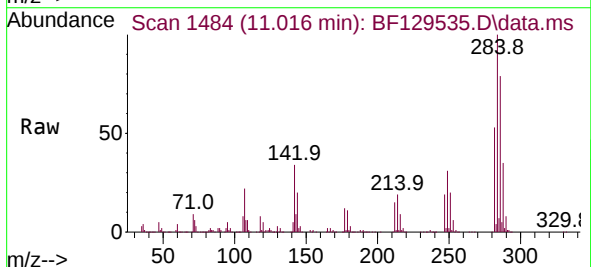
08/04/2022
Supervised By :Jagrut
Upadhyay

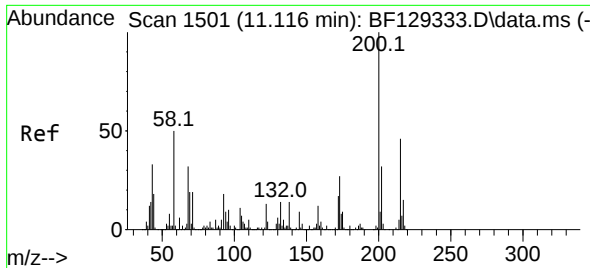
08/05/2022



#68
Hexachlorobenzene
Concen: 46.774 ng
RT: 11.016 min Scan# 1484
Delta R.T. -0.000 min
Lab File: BF129535.D
Acq: 03 Aug 2022 12:03

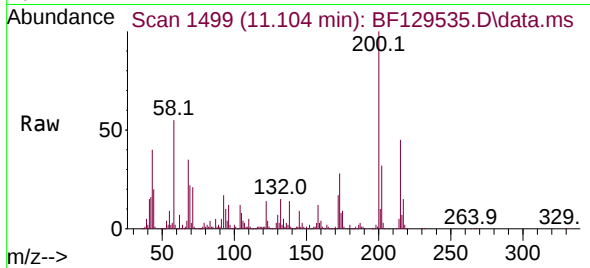
Tgt Ion:284 Resp: 391982
Ion Ratio Lower Upper
284 100
142 34.1 29.0 43.4
249 31.1 25.0 37.6





#69
Atrazine
Concen: 46.177 ng
RT: 11.104 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF129535.D
Acq: 03 Aug 2022 12:03

Instrument :
BNA_F
ClientSampleId :
PB146585BSD



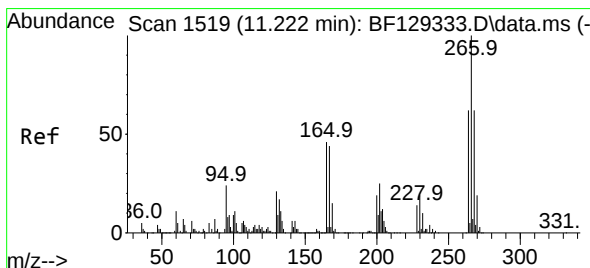
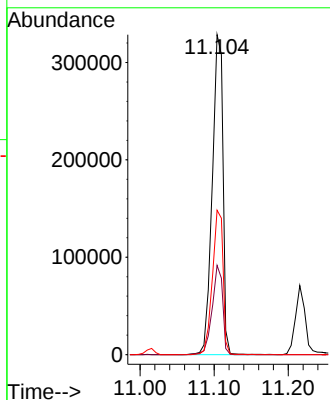
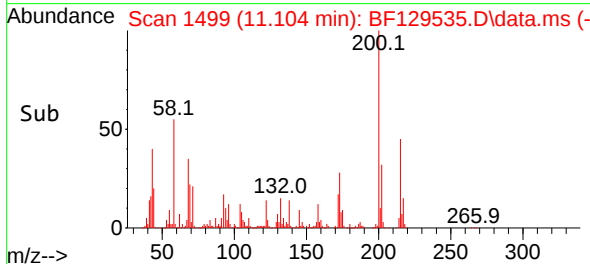
Tgt Ion:200 Resp: 329914
Ion Ratio Lower Upper
200 100
173 27.9 6.3 46.3
215 45.1 28.3 68.3

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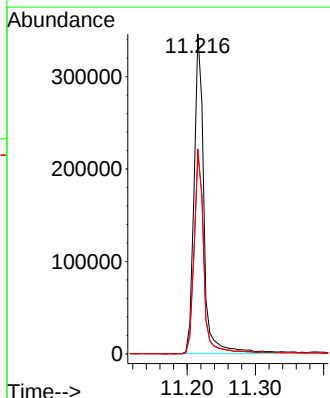
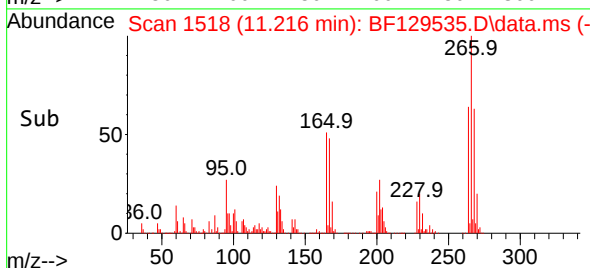
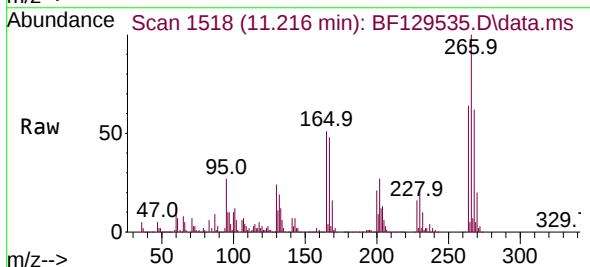
08/04/2022
Supervised By :Jagrut
Upadhyay

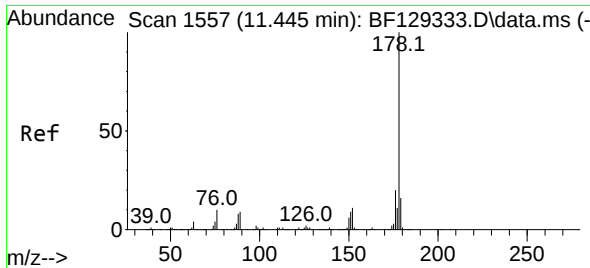
08/05/2022



#70
Pentachlorophenol
Concen: 76.484 ng
RT: 11.216 min Scan# 1518
Delta R.T. 0.006 min
Lab File: BF129535.D
Acq: 03 Aug 2022 12:03

Tgt Ion:266 Resp: 348445
Ion Ratio Lower Upper
266 100
268 62.5 51.0 76.4
264 64.0 49.4 74.2





#71
Phenanthrene
Concen: 43.603 ng
RT: 11.433 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF129535.D
Acq: 03 Aug 2022 12:03

Instrument :
BNA_F
ClientSampleId :
PB146585BSD

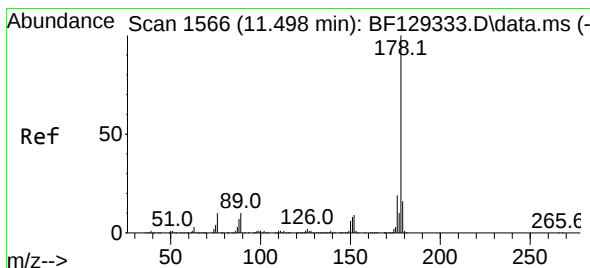
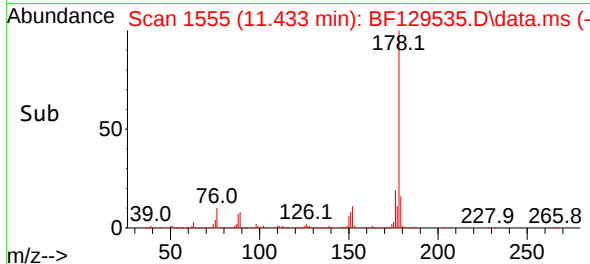
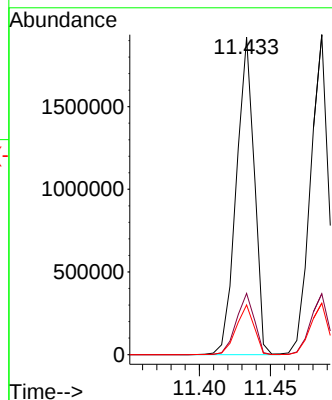
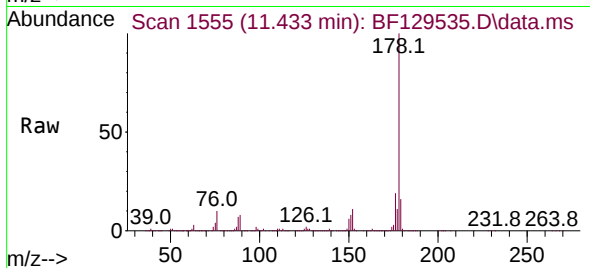
Tgt Ion:178 Resp: 1681132
Ion Ratio Lower Upper
178 100
176 19.3 16.0 24.0
179 15.7 12.6 19.0

Manual Integrations
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Reviewed By :Christian
Giraldo

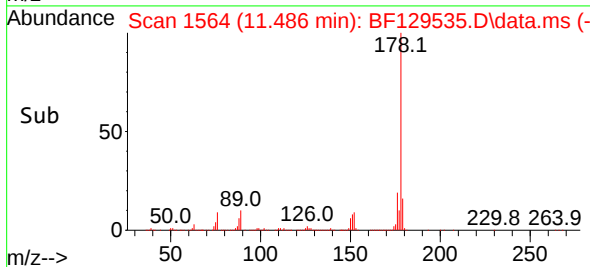
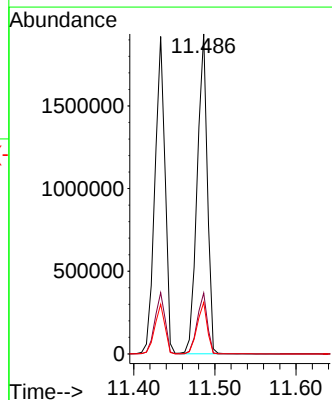
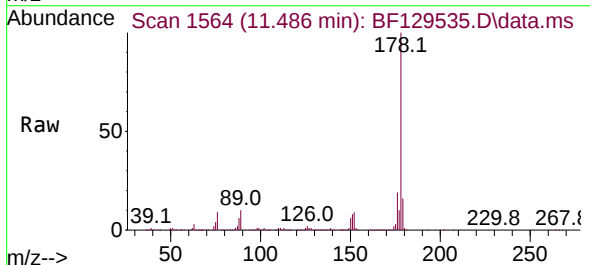
08/04/2022
Supervised By :Jagrut
Upadhyay

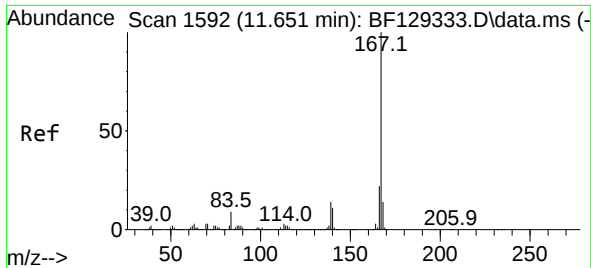
08/05/2022



#72
Anthracene
Concen: 44.268 ng
RT: 11.486 min Scan# 1564
Delta R.T. 0.006 min
Lab File: BF129535.D
Acq: 03 Aug 2022 12:03

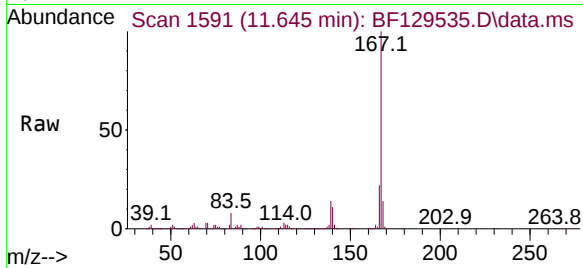
Tgt Ion:178 Resp: 1677258
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 16.1 12.6 19.0





#73
 Carbazole
 Concen: 44.167 ng
 RT: 11.645 min Scan# 1592
 Delta R.T. 0.006 min
 Lab File: BF129535.D
 Acq: 03 Aug 2022 12:03

Instrument :
 BNA_F
 ClientSampleId :
 PB146585BSD



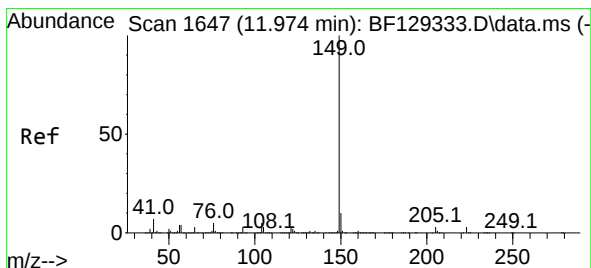
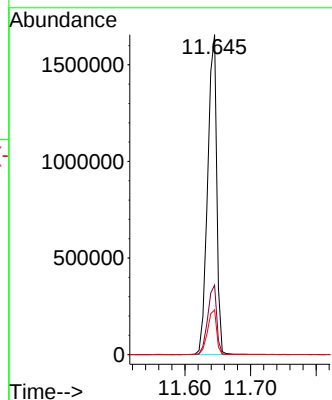
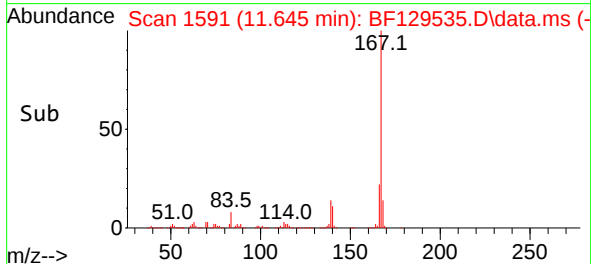
Tgt Ion:167 Resp: 1575256
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.7 26.5
 139 14.0 11.2 16.8

Manual Integrations
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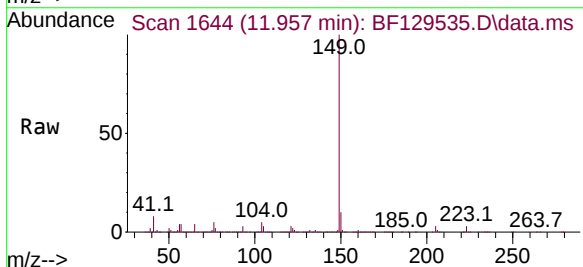
Reviewed By :Christian
 Giraldo

08/04/2022
 Supervised By :Jagrut
 Upadhyay

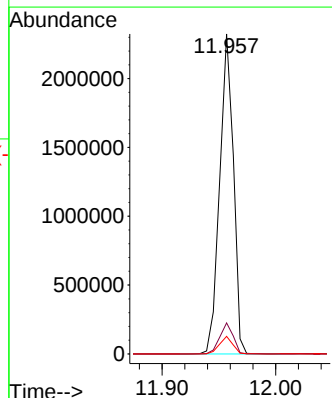
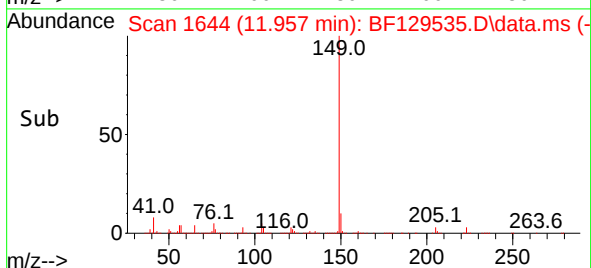
08/05/2022

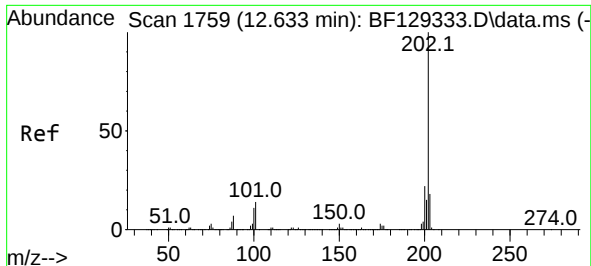


#74
 Di-n-butylphthalate
 Concen: 45.731 ng
 RT: 11.957 min Scan# 1644
 Delta R.T. -0.000 min
 Lab File: BF129535.D
 Acq: 03 Aug 2022 12:03



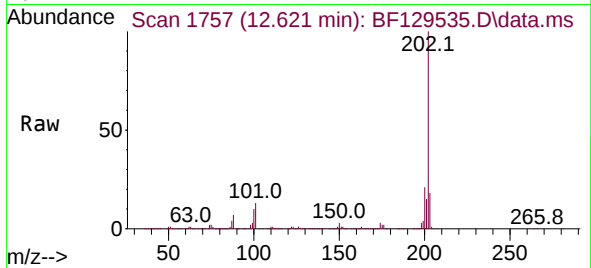
Tgt Ion:149 Resp: 1942408
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.5 11.3
 104 5.5 4.4 6.6





#75
Fluoranthene
Concen: 44.019 ng
RT: 12.621 min Scan# 1759
Delta R.T. -0.000 min
Lab File: BF129535.D
Acq: 03 Aug 2022 12:03

Instrument :
BNA_F
ClientSampleId :
PB146585BSD



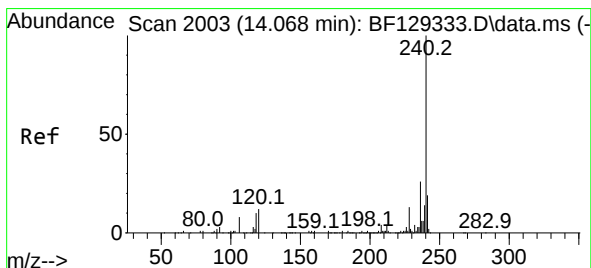
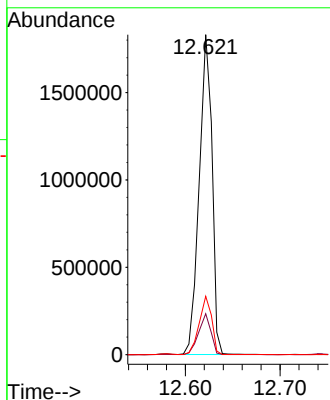
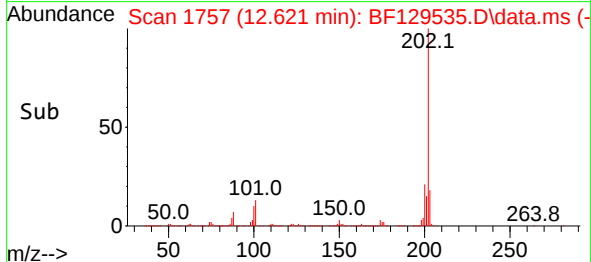
Tgt Ion:202 Resp: 1719594
Ion Ratio Lower Upper
202 100
101 12.8 0.0 31.4
203 18.2 0.0 38.0

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Reviewed By :Christian
Giraldo

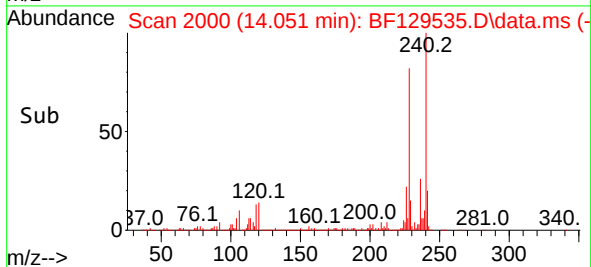
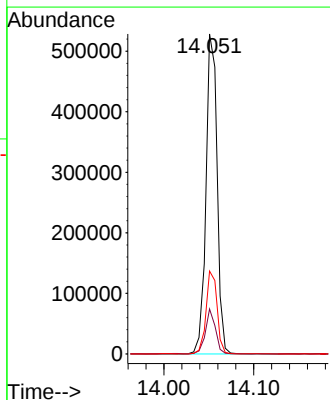
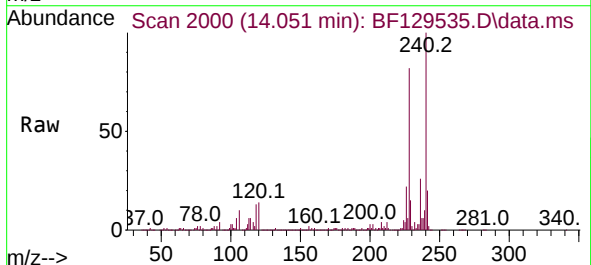
08/04/2022
Supervised By :Jagrut
Upadhyay

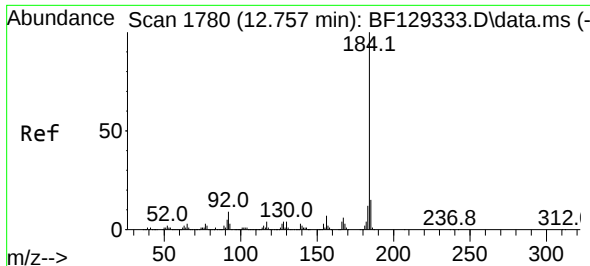
08/05/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2000
Delta R.T. -0.000 min
Lab File: BF129535.D
Acq: 03 Aug 2022 12:03

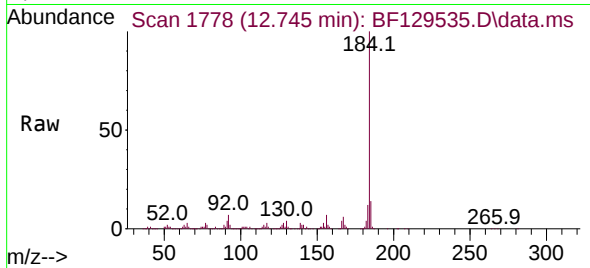
Tgt Ion:240 Resp: 455983
Ion Ratio Lower Upper
240 100
120 14.0 8.9 13.3#
236 25.9 20.8 31.2





#77
Benzidine
Concen: 27.580 ng
RT: 12.745 min Scan# 1778
Delta R.T. 0.006 min
Lab File: BF129535.D
Acq: 03 Aug 2022 12:03

Instrument :
BNA_F
ClientSampleId :
PB146585BSD



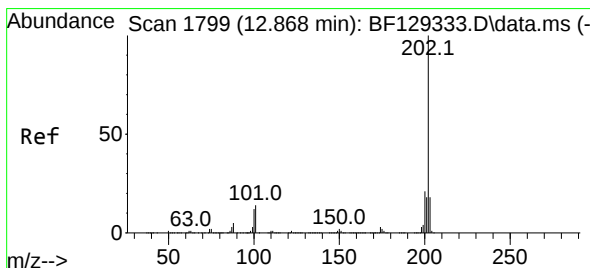
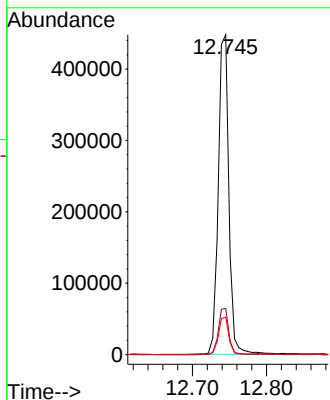
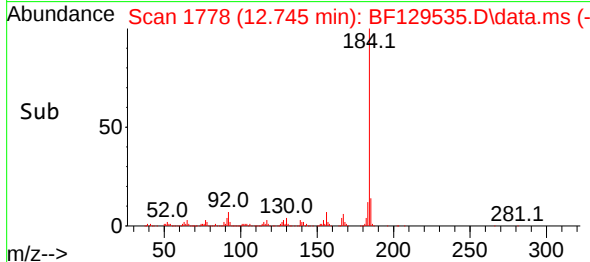
Tgt Ion:184 Resp: 444272
Ion Ratio Lower Upper
184 100
185 14.4 11.9 17.9
183 11.7 9.3 13.9

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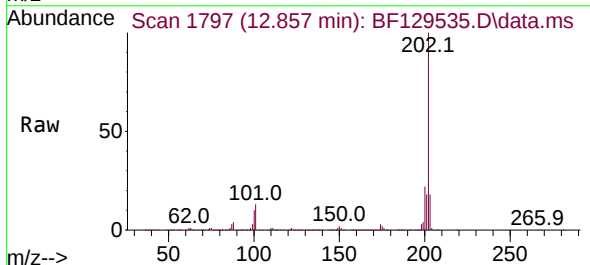
Reviewed By :Christian
Giraldo

08/04/2022
Supervised By :Jagrut
Upadhyay

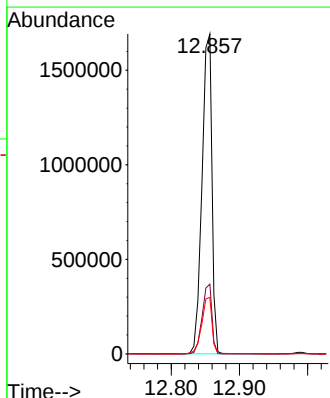
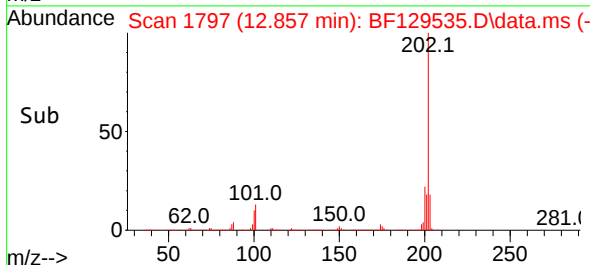
08/05/2022

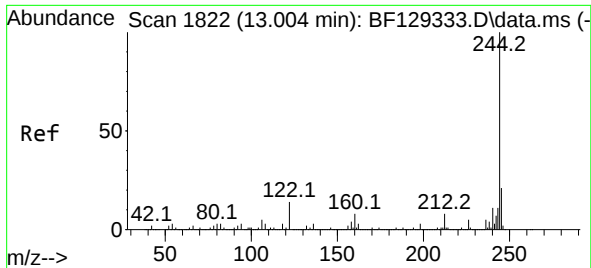


#78
Pyrene
Concen: 45.025 ng
RT: 12.857 min Scan# 1797
Delta R.T. 0.006 min
Lab File: BF129535.D
Acq: 03 Aug 2022 12:03



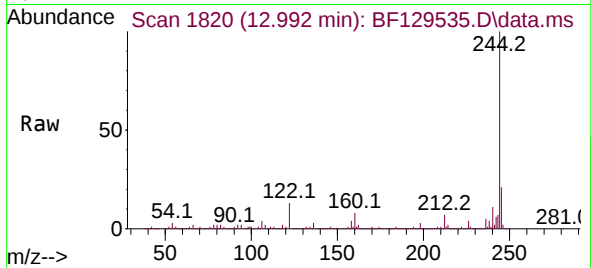
Tgt Ion:202 Resp: 1716833
Ion Ratio Lower Upper
202 100
200 21.8 17.7 26.5
203 17.7 14.6 21.8





#79
 Terphenyl-d14
 Concen: 95.489 ng
 RT: 12.992 min Scan# 1822
 Delta R.T. 0.006 min
 Lab File: BF129535.D
 Acq: 03 Aug 2022 12:03

Instrument :
 BNA_F
 ClientSampleId :
 PB146585BSD



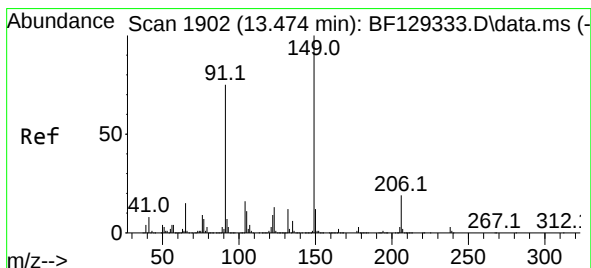
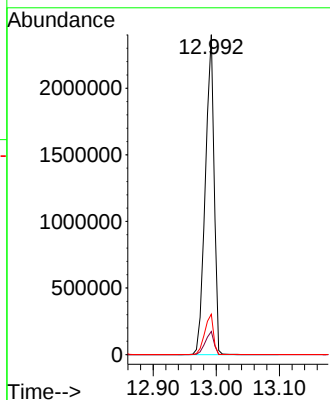
Tgt Ion:244 Resp: 2307955
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 12.7 8.8 13.2

Manual Integrations
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Reviewed By :Christian
 Giraldo

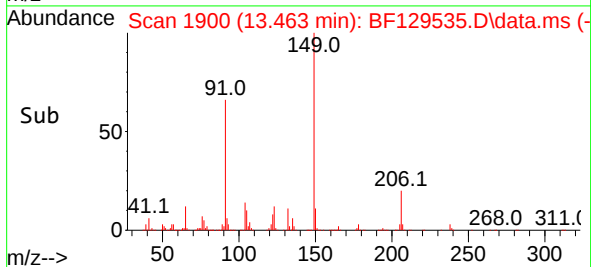
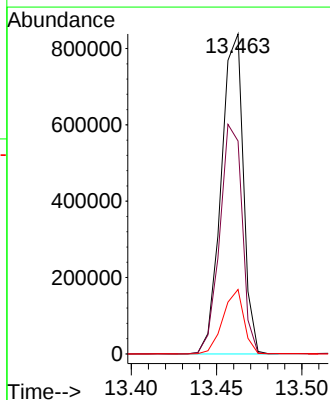
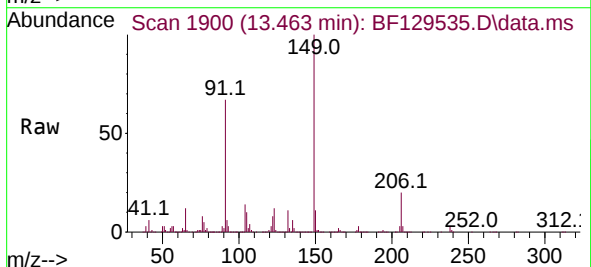
08/04/2022
 Supervised By :Jagrut
 Upadhyay

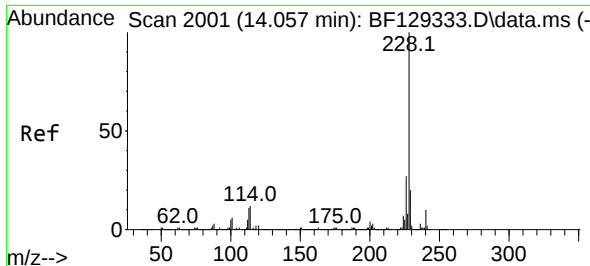
08/05/2022



#80
 Butylbenzylphthalate
 Concen: 45.747 ng
 RT: 13.463 min Scan# 1900
 Delta R.T. 0.006 min
 Lab File: BF129535.D
 Acq: 03 Aug 2022 12:03

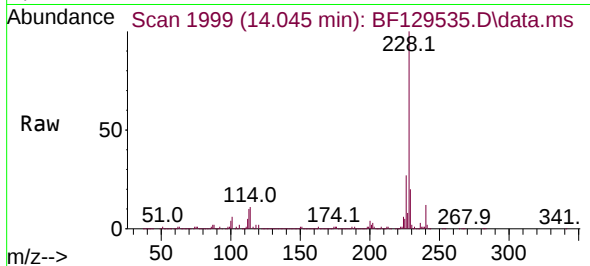
Tgt Ion:149 Resp: 756614
 Ion Ratio Lower Upper
 149 100
 91 66.5 61.2 91.8
 206 20.1 15.7 23.5





#81
Benzo(a)anthracene
Concen: 43.679 ng
RT: 14.045 min Scan# 1999
Delta R.T. 0.006 min
Lab File: BF129535.D
Acq: 03 Aug 2022 12:03

Instrument :
BNA_F
ClientSampleId :
PB146585BSD



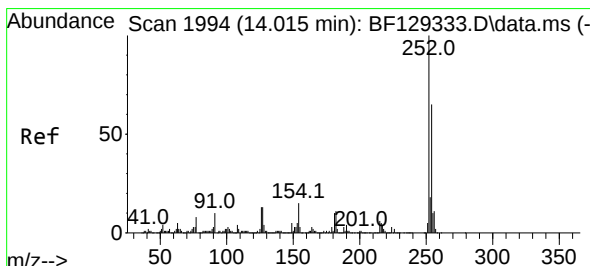
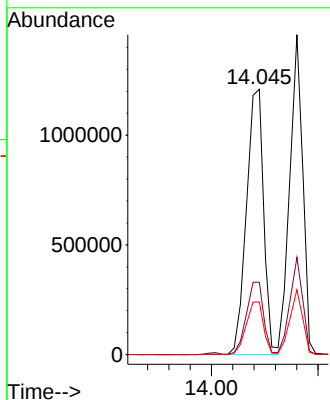
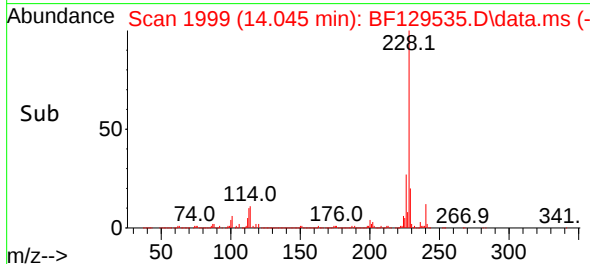
Tgt Ion:228 Resp: 1360511
Ion Ratio Lower Upper
228 100
226 27.3 22.1 33.1
229 19.8 15.8 23.8

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Reviewed By :Christian
Giraldo

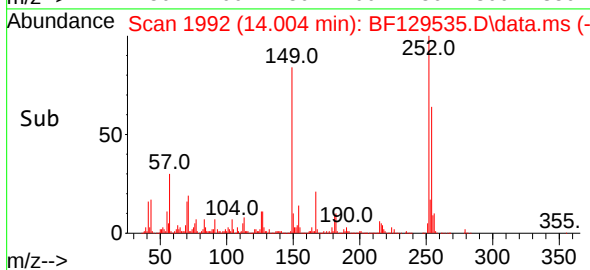
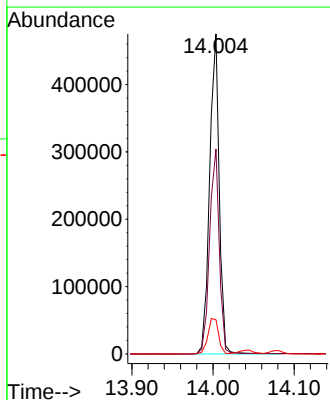
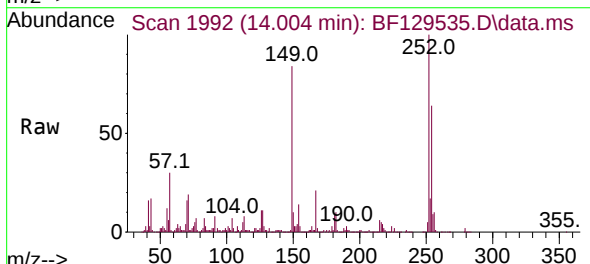
08/04/2022
Supervised By :Jagrut
Upadhyay

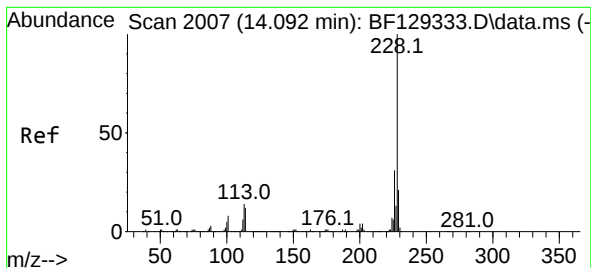
08/05/2022



#82
3,3'-Dichlorobenzidine
Concen: 38.168 ng
RT: 14.004 min Scan# 1992
Delta R.T. 0.006 min
Lab File: BF129535.D
Acq: 03 Aug 2022 12:03

Tgt Ion:252 Resp: 392524
Ion Ratio Lower Upper
252 100
254 64.0 50.2 75.4
126 10.7 8.2 12.4





#83

Chrysene

Concen: 42.138 ng

RT: 14.080 min Scan# 2007

Delta R.T. 0.006 min

Lab File: BF129535.D

Acq: 03 Aug 2022 12:03

Instrument :

BNA_F

ClientSampleId :

PB146585BSD

Tgt Ion:228 Resp: 1237000

Ion Ratio Lower Upper

228 100

226 30.4 24.3 36.5

229 20.3 15.9 23.9

Manual Integrations

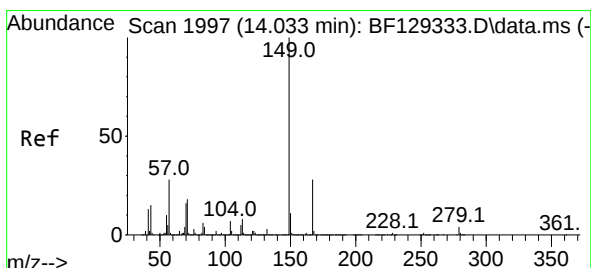
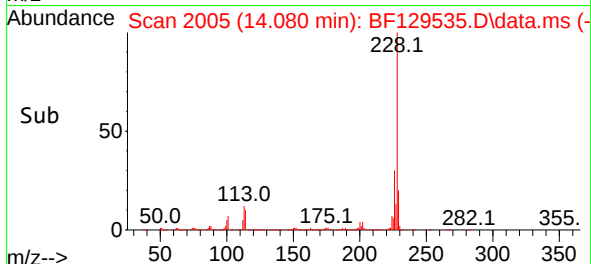
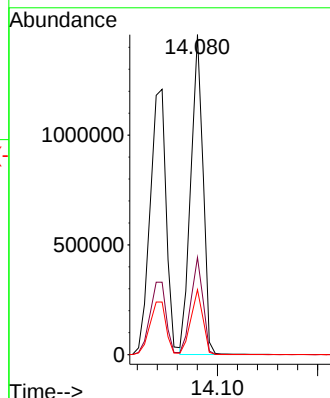
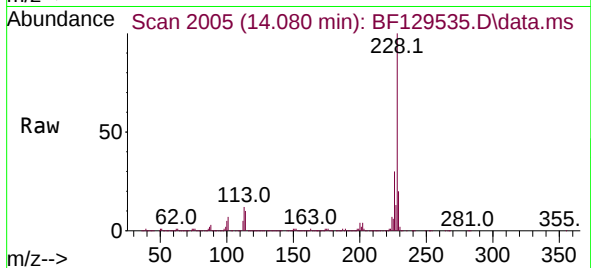
APPROVED

Reviewed By :Christian
Giraldo

08/04/2022

Supervised By :Jagrut
Upadhyay

08/05/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.488 ng

RT: 14.010 min Scan# 1993

Delta R.T. -0.000 min

Lab File: BF129535.D

Acq: 03 Aug 2022 12:03

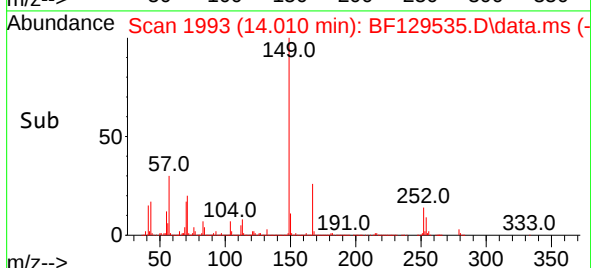
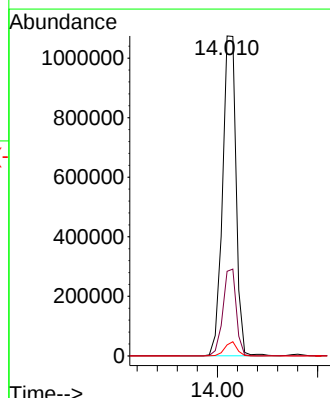
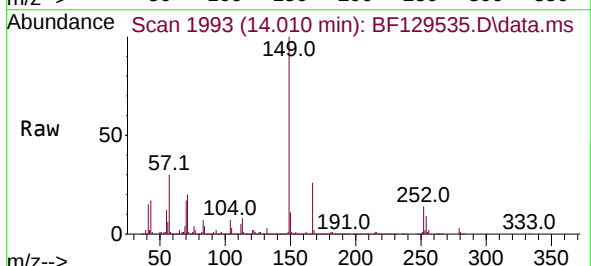
Tgt Ion:149 Resp: 1012235

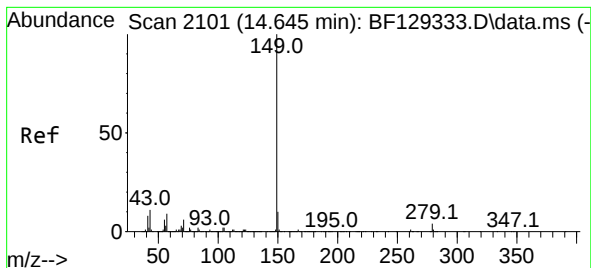
Ion Ratio Lower Upper

149 100

167 26.4 21.0 31.4

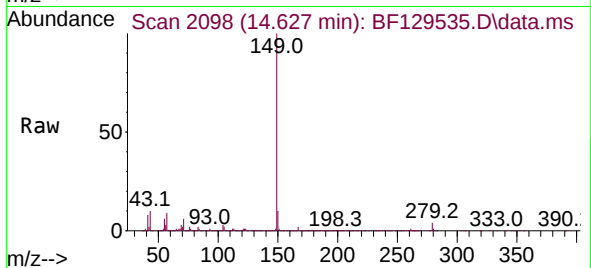
279 3.4 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 48.246 ng
RT: 14.627 min Scan# 2098
Delta R.T. 0.006 min
Lab File: BF129535.D
Acq: 03 Aug 2022 12:03

Instrument :
BNA_F
ClientSampleId :
PB146585BSD



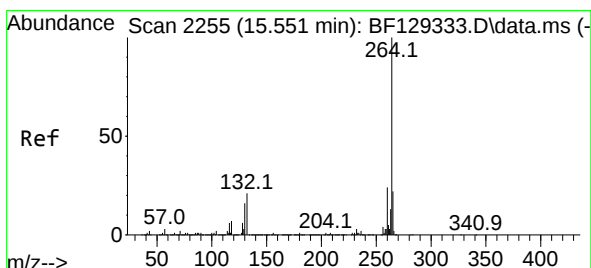
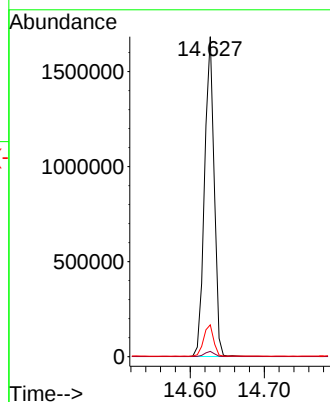
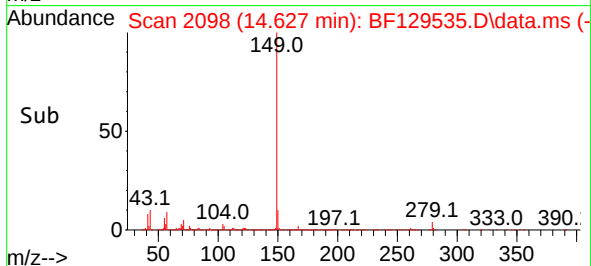
Tgt Ion:149 Resp: 151172
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.1 9.2 13.8

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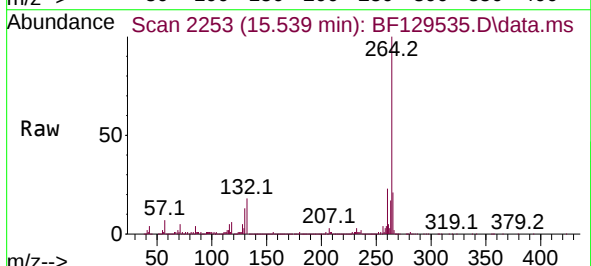
Reviewed By :Christian
Giraldo

08/04/2022
Supervised By :Jagrut
Upadhyay

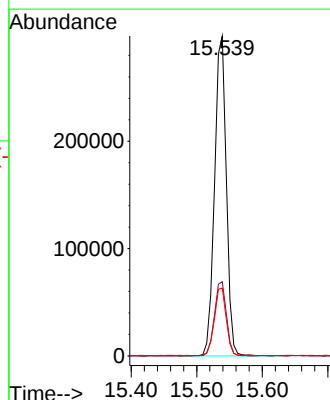
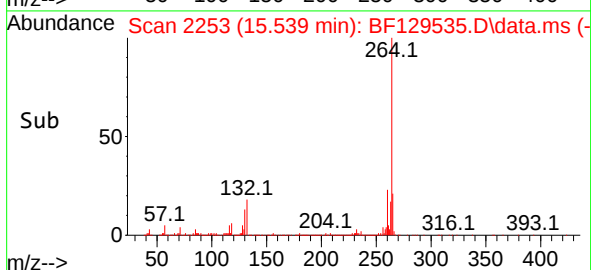
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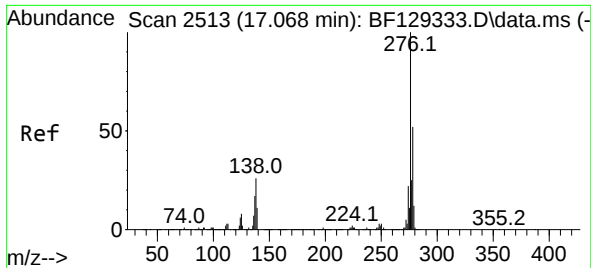


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2253
Delta R.T. 0.012 min
Lab File: BF129535.D
Acq: 03 Aug 2022 12:03



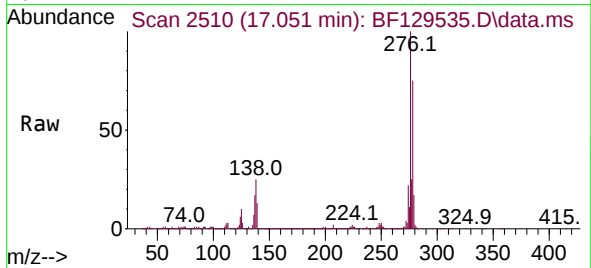
Tgt Ion:264 Resp: 372997
Ion Ratio Lower Upper
264 100
260 23.2 18.4 27.6
265 21.2 17.2 25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 45.520 ng
RT: 17.051 min Scan# 2179
Delta R.T. 0.018 min
Lab File: BF129535.D
Acq: 03 Aug 2022 12:03

Instrument :
BNA_F
ClientSampleId :
PB146585BSD



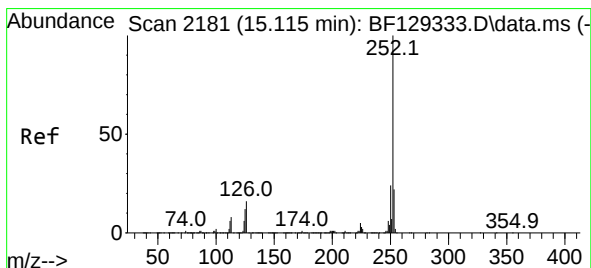
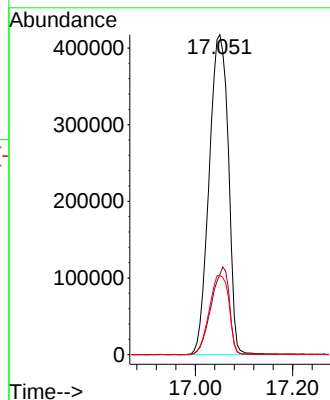
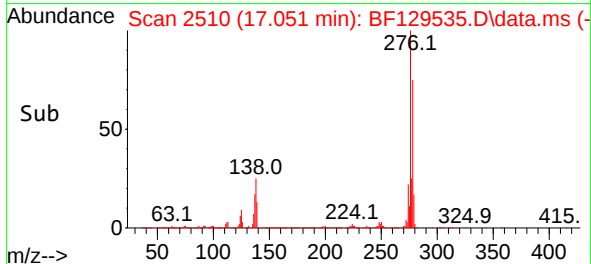
Tgt Ion:276 Resp: 1143364
Ion Ratio Lower Upper
276 100
138 25.8 21.1 31.7
277 25.5 20.3 30.5

Manual Integrations
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Reviewed By :Christian
Giraldo

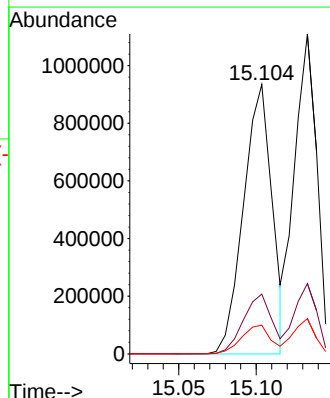
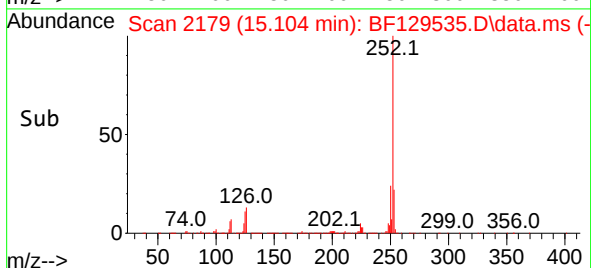
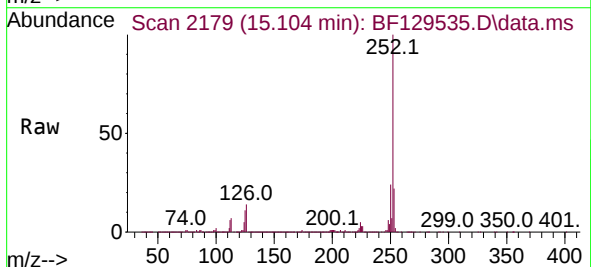
08/04/2022
Supervised By :Jagrut
Upadhyay

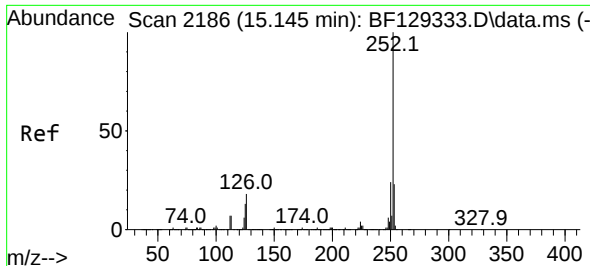
08/05/2022



#88
Benzo(b)fluoranthene
Concen: 48.420 ng
RT: 15.104 min Scan# 2179
Delta R.T. 0.012 min
Lab File: BF129535.D
Acq: 03 Aug 2022 12:03

Tgt Ion:252 Resp: 1198002
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 10.6 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 46.150 ng

RT: 15.133 min Scan# 2186

Delta R.T. 0.012 min

Lab File: BF129535.D

Acq: 03 Aug 2022 12:03

Instrument :

BNA_F

ClientSampleId :

PB146585BSD

Tgt Ion:252 Resp: 1118963

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

125 11.0 8.3 12.5

Manual Integrations

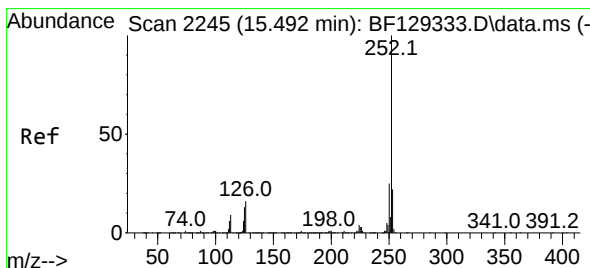
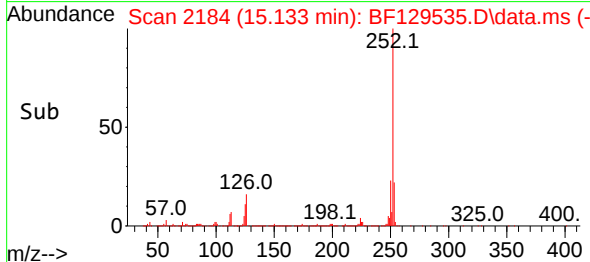
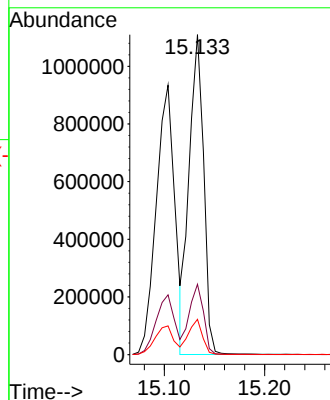
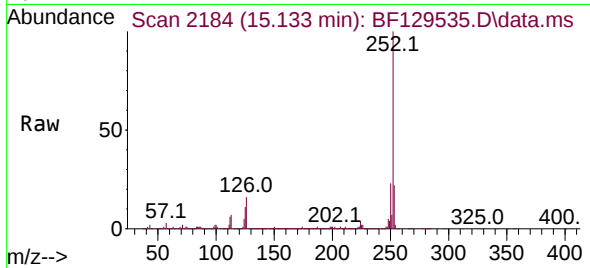
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Reviewed By :Christian
Giraldo

08/04/2022

Supervised By :Jagrut
Upadhyay

08/05/2022



#90

Benzo(a)pyrene

Concen: 53.767 ng

RT: 15.480 min Scan# 2243

Delta R.T. 0.012 min

Lab File: BF129535.D

Acq: 03 Aug 2022 12:03

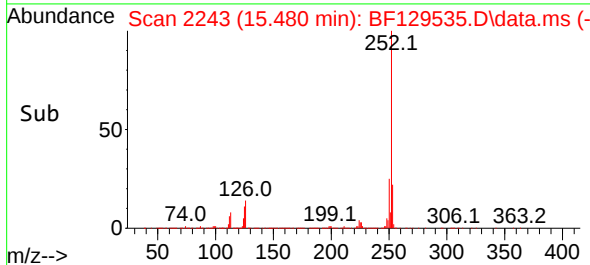
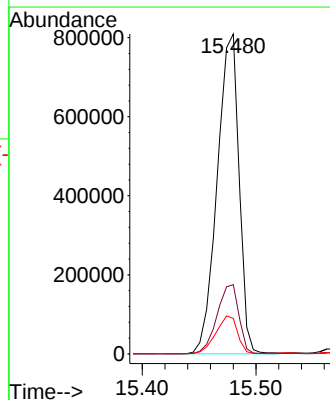
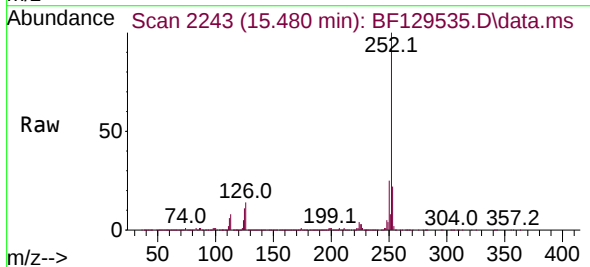
Tgt Ion:252 Resp: 1079903

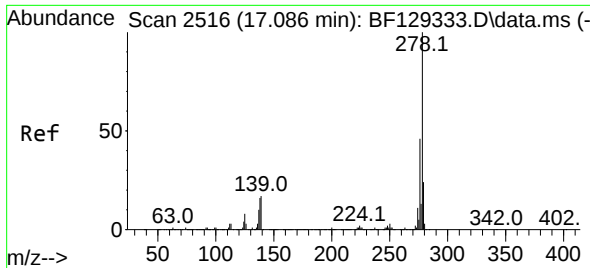
Ion Ratio Lower Upper

252 100

253 21.6 17.0 25.6

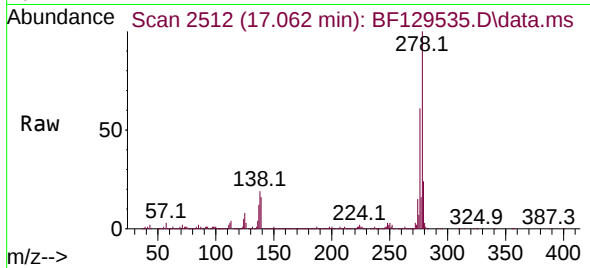
125 11.1 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 48.693 ng
RT: 17.062 min Scan# 2516
Delta R.T. 0.018 min
Lab File: BF129535.D
Acq: 03 Aug 2022 12:03

Instrument :
BNA_F
ClientSampleId :
PB146585BSD



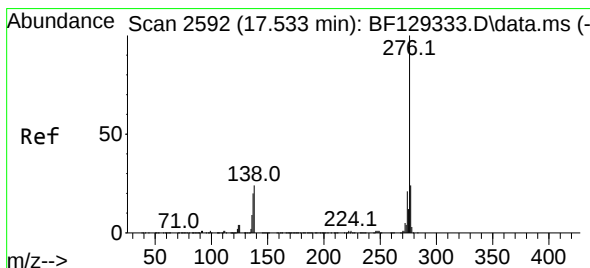
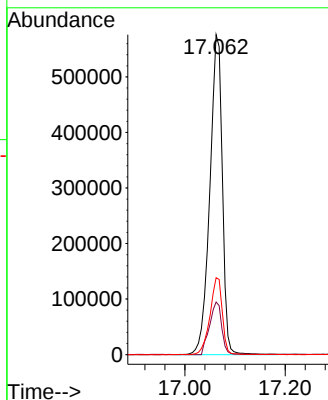
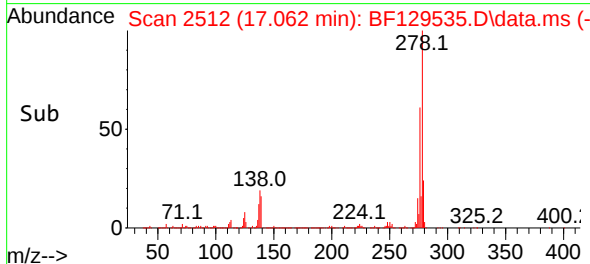
Tgt Ion:278 Resp: 995460
Ion Ratio Lower Upper
278 100
139 16.4 12.8 19.2
279 24.0 18.6 28.0

Manual Integrations
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Reviewed By :Christian
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Upadhyay

08/05/2022



#92
Benzo(g,h,i)perylene
Concen: 48.874 ng
RT: 17.515 min Scan# 2589
Delta R.T. 0.023 min
Lab File: BF129535.D
Acq: 03 Aug 2022 12:03

Tgt Ion:276 Resp: 1020982
Ion Ratio Lower Upper
276 100
277 23.4 19.1 28.7
138 21.7 18.0 27.0

