

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080522\
 Data File : BF129599.D
 Acq On : 05 Aug 2022 13:40
 Operator : CG\JU
 Sample : PB146537BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146537BS

Manual Integrations
 APPROVED

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

Quant Time: Aug 05 16:32:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 16:27:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	206900	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	852479	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	450957	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	746421	20.000	ng	0.00
76) Chrysene-d12	14.033	240	505397	20.000	ng	0.00
86) Perylene-d12	15.504	264	377567	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1425991	112.273	ng	0.02
7) Phenol-d6	6.504	99	1790431	112.151	ng	0.00
23) Nitrobenzene-d5	7.422	82	1170211	74.935	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	512491	118.205	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	2097131	71.939	ng	0.00
79) Terphenyl-d14	12.968	244	2254852	84.171	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.687	88	154116	26.894	ng	88
3) Pyridine	3.481	79	422279	26.535	ng	90
4) n-Nitrosodimethylamine	3.416	42	261911	37.479	ng	# 91
6) Aniline	6.522	93	655721	33.040	ng	# 49
8) 2-Chlorophenol	6.645	128	589161	42.459	ng	95
9) Benzaldehyde	6.404	77	315299	29.083	ng	98
10) Phenol	6.516	94	684129m	40.241	ng	
11) bis(2-Chloroethyl)ether	6.587	93	556053	41.242	ng	94
12) 1,3-Dichlorobenzene	6.792	146	584919	39.303	ng	98
13) 1,4-Dichlorobenzene	6.869	146	590837	39.037	ng	99
14) 1,2-Dichlorobenzene	7.022	146	565930	40.680	ng	99
15) Benzyl Alcohol	7.004	79	507643	43.844	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.128	45	741418	36.583	ng	63
17) 2-Methylphenol	7.116	107	466250	40.503	ng	# 91
18) Hexachloroethane	7.357	117	229898	40.340	ng	# 89
19) n-Nitroso-di-n-propyla...	7.269	70	397519	41.131	ng	92
20) 3+4-Methylphenols	7.275	107	577771	39.474	ng	90
22) Acetophenone	7.263	105	794160	40.013	ng	98
24) Nitrobenzene	7.439	77	607159	37.756	ng	97
25) Isophorone	7.675	82	1134045	40.512	ng	100
26) 2-Nitrophenol	7.751	139	324180	40.863	ng	97
27) 2,4-Dimethylphenol	7.798	122	526230m	44.221	ng	
28) bis(2-Chloroethoxy)met...	7.881	93	695948	42.858	ng	99
29) 2,4-Dichlorophenol	8.004	162	484814	39.472	ng	96
30) 1,2,4-Trichlorobenzene	8.075	180	488991	38.463	ng	95
31) Naphthalene	8.157	128	1642684	37.928	ng	100
32) Benzoic acid	7.939	122	257304	29.909	ng	96
33) 4-Chloroaniline	8.210	127	564649	31.755	ng	98
34) Hexachlorobutadiene	8.269	225	293136	40.563	ng	99
35) Caprolactam	8.598	113	163760m	41.010	ng	
36) 4-Chloro-3-methylphenol	8.704	107	542072	41.611	ng	97
37) 2-Methylnaphthalene	8.851	142	1083916	38.510	ng	100
38) 1-Methylnaphthalene	8.951	142	1039422	38.255	ng	99
40) 1,2,4,5-Tetrachloroben...	9.016	216	477218	40.302	ng	98
41) Hexachlorocyclopentadiene	8.998	237	450840	85.504	ng	99
43) 2,4,6-Trichlorophenol	9.133	196	328009	38.139	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	348616	37.274	ng	# 93
46) 1,1'-Biphenyl	9.316	154	1315690	39.977	ng	99
47) 2-Chloronaphthalene	9.339	162	1030097	38.718	ng	99
48) 2-Nitroaniline	9.445	65	344659	38.959	ng	# 84
49) Acenaphthylene	9.757	152	1561041	38.614	ng	99
50) Dimethylphthalate	9.616	163	1244064	39.962	ng	99
51) 2,6-Dinitrotoluene	9.686	165	277516	39.829	ng	95
52) Acenaphthene	9.928	154	1121045m	42.457	ng	
53) 3-Nitroaniline	9.857	138	243971	29.652	ng	95
54) 2,4-Dinitrophenol	9.969	184	282664	79.467	ng	92
55) Dibenzofuran	10.104	168	1422130	39.071	ng	97
56) 4-Nitrophenol	10.039	139	369590	60.888	ng	92
57) 2,4-Dinitrotoluene	10.092	165	361152	39.677	ng	98
58) Fluorene	10.445	166	1150677	39.510	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	268284	37.119	ng	95
60) Diethylphthalate	10.316	149	1201652	39.930	ng	99
61) 4-Chlorophenyl-phenylether	10.433	204	525812	40.953	ng	93
62) 4-Nitroaniline	10.480	138	297434	36.441	ng	97
63) Azobenzene	10.592	77	1167367	38.031	ng	94
65) 4,6-Dinitro-2-methylph...	10.504	198	187207	39.736	ng	93
66) n-Nitrosodiphenylamine	10.557	169	1004633	40.416	ng	96
67) 4-Bromophenyl-phenylether	10.922	248	342690	41.927	ng	94
68) Hexachlorobenzene	10.992	284	375473	42.396	ng	99
69) Atrazine	11.086	200	332923	44.094	ng	97
70) Pentachlorophenol	11.192	266	323863	67.268	ng	99
71) Phenanthrene	11.410	178	1597049	39.196	ng	99
72) Anthracene	11.463	178	1612834	40.280	ng	99
73) Carbazole	11.622	167	1501463	39.835	ng	99
74) Di-n-butylphthalate	11.933	149	1866600	41.585	ng	100
75) Fluoranthene	12.598	202	1661091	40.236	ng	98
77) Benzidine	12.721	184	679935	38.082	ng	99
78) Pyrene	12.833	202	1674336	39.617	ng	98
80) Butylbenzylphthalate	13.439	149	774085	42.227	ng	94
81) Benzo(a)anthracene	14.021	228	1366223	39.574	ng	100
82) 3,3'-Dichlorobenzidine	13.980	252	393843	34.552	ng	96
83) Chrysene	14.057	228	1244792	38.258	ng	100
84) Bis(2-ethylhexyl)phtha...	13.992	149	1043699	43.246	ng	# 98
85) Di-n-octyl phthalate	14.604	149	1540429	44.356	ng	96
87) Indeno(1,2,3-cd)pyrene	17.004	276	1030826	40.543	ng	99
88) Benzo(b)fluoranthene	15.074	252	1123955	44.877	ng	100
89) Benzo(k)fluoranthene	15.104	252	1049726	42.770	ng	100
90) Benzo(a)pyrene	15.445	252	920151	45.258	ng	99
91) Dibenzo(a,h)anthracene	17.015	278	897124	43.351	ng	99
92) Benzo(g,h,i)perylene	17.451	276	906005	42.845	ng	100

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

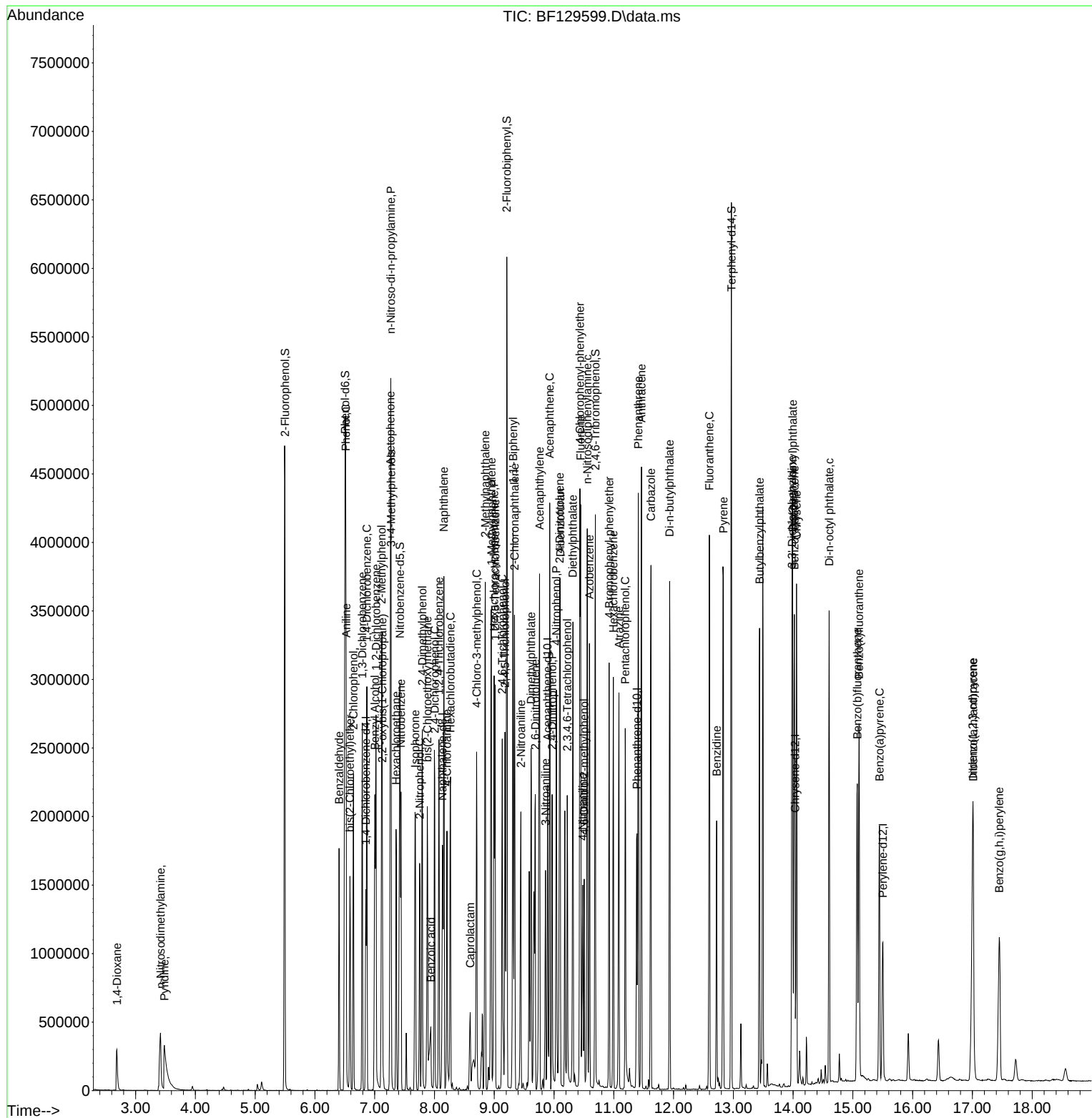
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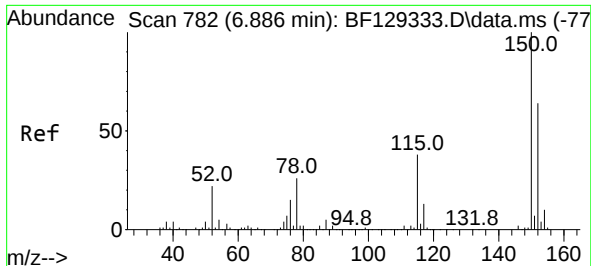
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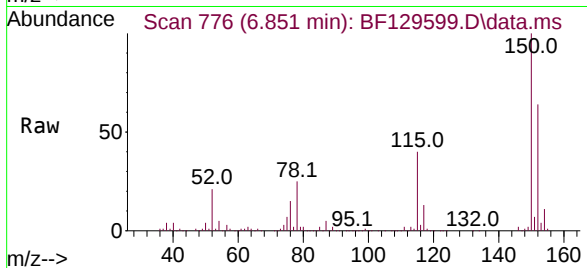
Reviewed By : Christian Giraldo 08/08/2022
 Supervised By : Jagrut Upadhyay 08/08/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF129599.D
Acq: 05 Aug 2022 13:40

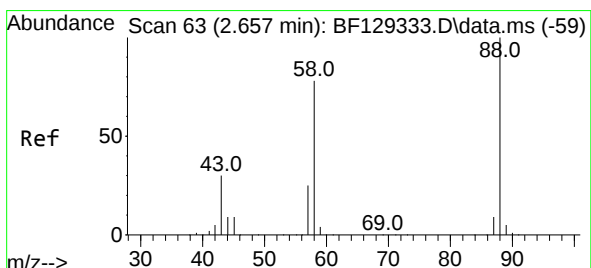
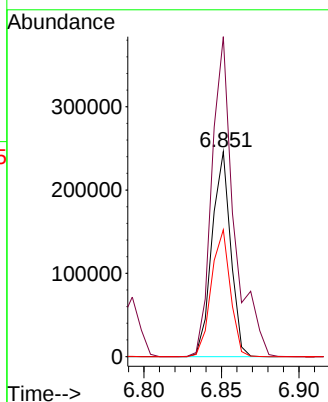
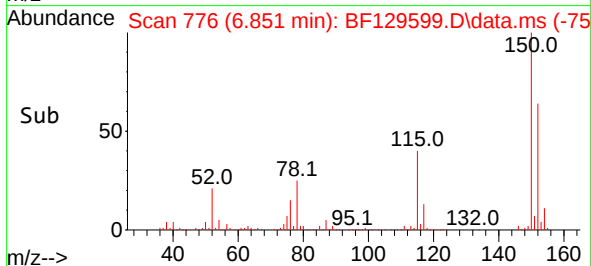
Instrument :
BNA_F
ClientSampleId :
PB146537BS



Tgt Ion:152 Resp: 206900
Ion Ratio Lower Upper
152 100
150 156.2 123.7 185.5
115 61.9 49.9 74.9

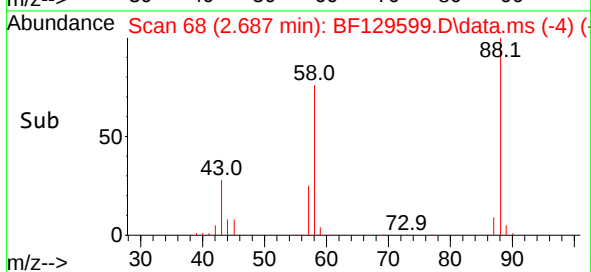
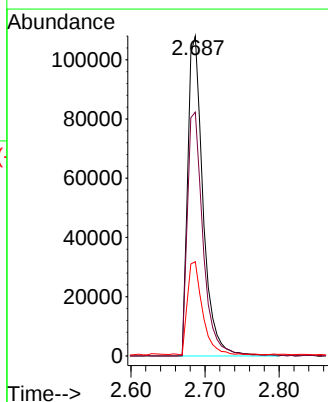
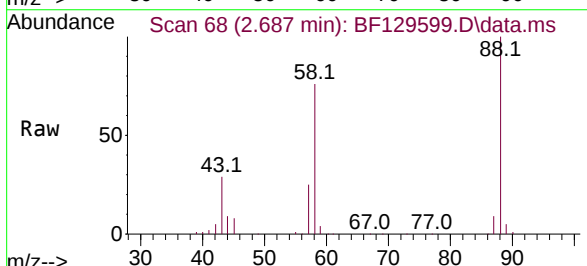
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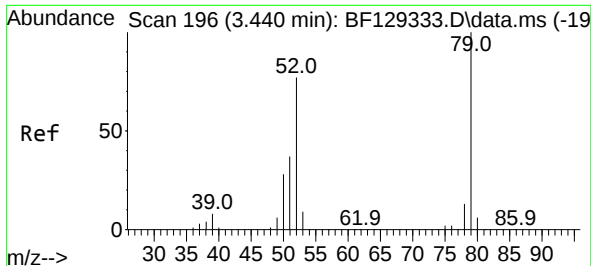
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022



#2
1,4-Dioxane
Concen: 26.894 ng
RT: 2.687 min Scan# 68
Delta R.T. 0.076 min
Lab File: BF129599.D
Acq: 05 Aug 2022 13:40

Tgt Ion: 88 Resp: 154116
Ion Ratio Lower Upper
88 100
58 77.9 71.8 107.8
43 28.3 26.6 39.8





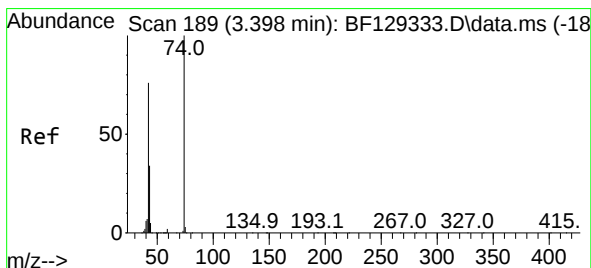
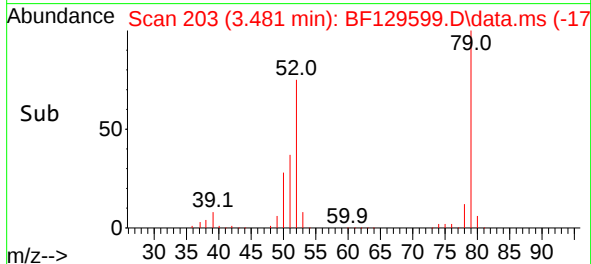
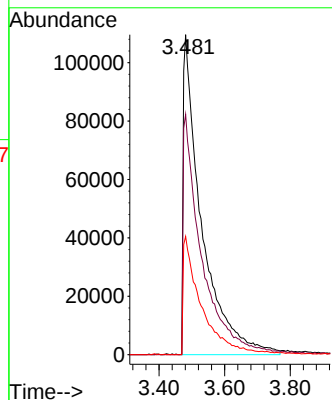
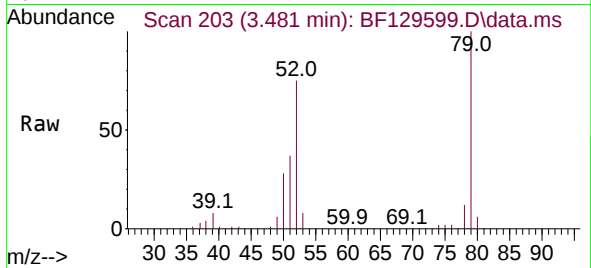
#3
Pyridine
Concen: 26.535 ng
RT: 3.481 min Scan# 20
Delta R.T. 0.088 min
Lab File: BF129599.D
Acq: 05 Aug 2022 13:40

Instrument :
BNA_F
ClientSampleId :
PB146537BS

Tgt Ion: 79 Resp: 422279
Ion Ratio Lower Upper
79 100
52 75.1 68.6 102.8
51 36.9 32.9 49.3

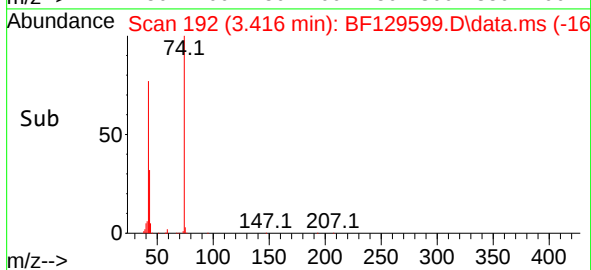
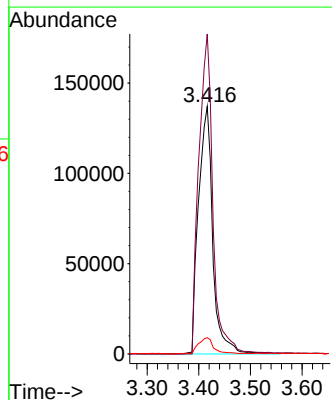
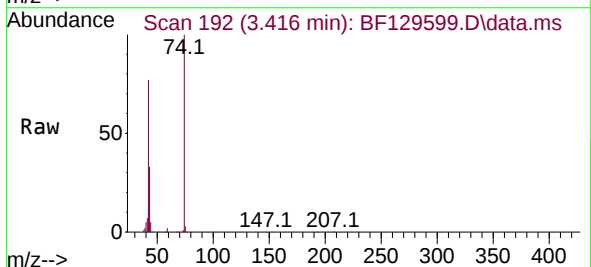
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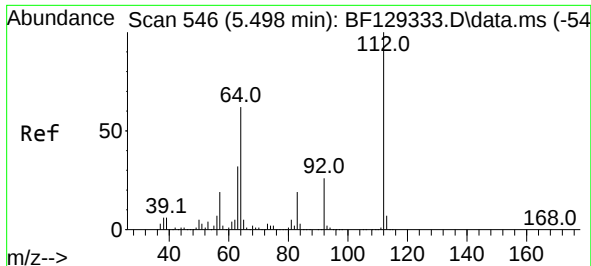
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022



#4
n-Nitrosodimethylamine
Concen: 37.479 ng
RT: 3.416 min Scan# 192
Delta R.T. 0.065 min
Lab File: BF129599.D
Acq: 05 Aug 2022 13:40

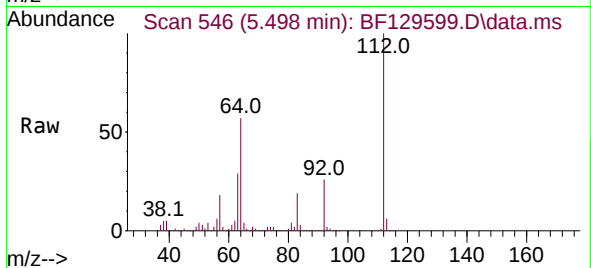
Tgt Ion: 42 Resp: 261911
Ion Ratio Lower Upper
42 100
74 129.3 94.8 142.2
44 6.6 6.6 10.0#





#5
2-Fluorophenol
Concen: 112.273 ng
RT: 5.498 min Scan# 54
Delta R.T. 0.018 min
Lab File: BF129599.D
Acq: 05 Aug 2022 13:40

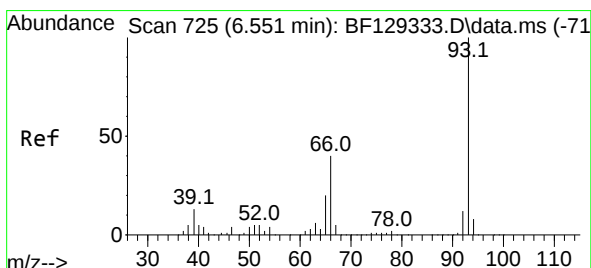
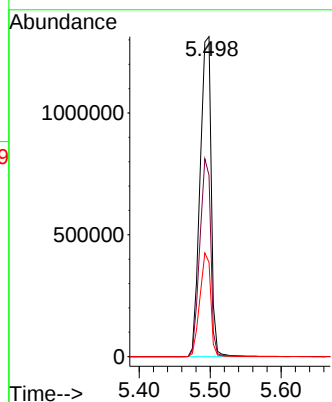
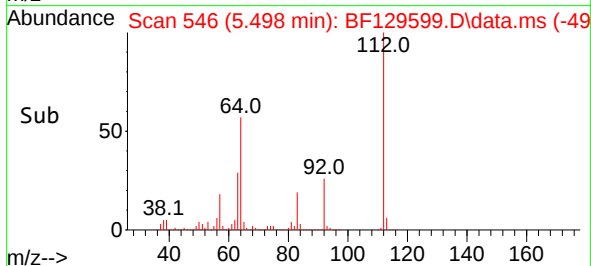
Instrument :
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Tgt Ion: 112 Resp: 142599
Ion Ratio Lower Upper
112 100
64 56.7 53.3 79.9
63 29.5 28.0 42.0

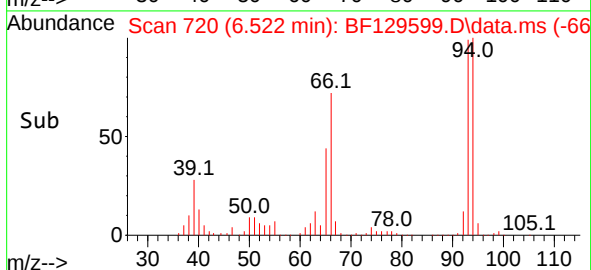
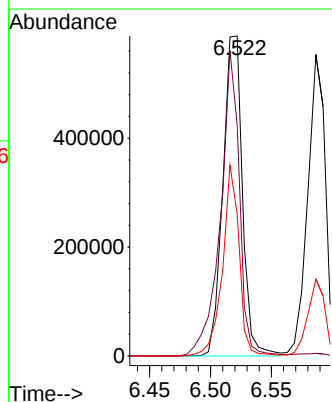
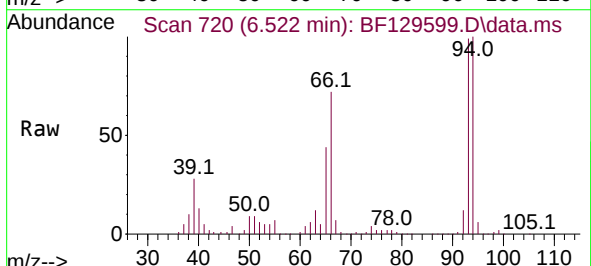
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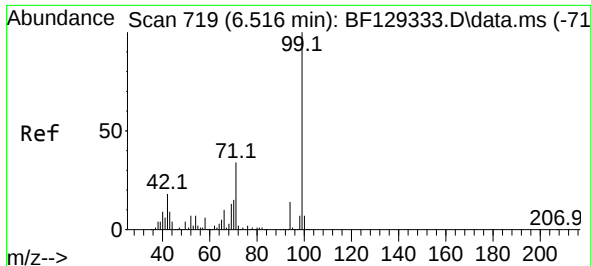
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Supervised By :Jagrut Upadhyay 08/08/2022



#6
Aniline
Concen: 33.040 ng
RT: 6.522 min Scan# 720
Delta R.T. -0.000 min
Lab File: BF129599.D
Acq: 05 Aug 2022 13:40

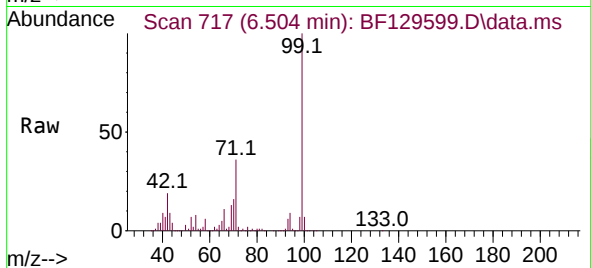
Tgt Ion: 93 Resp: 655721
Ion Ratio Lower Upper
93 100
66 72.2 32.5 48.7#
65 44.4 16.4 24.6#





#7
Phenol-d6
Concen: 112.151 ng
RT: 6.504 min Scan# 719
Delta R.T. -0.000 min
Lab File: BF129599.D
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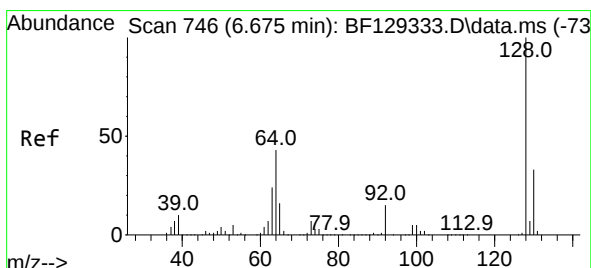
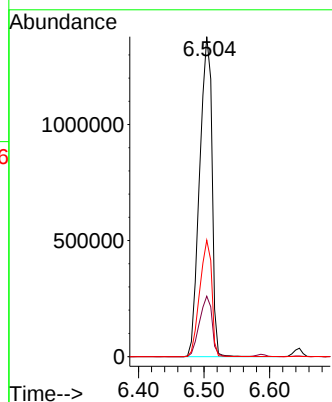
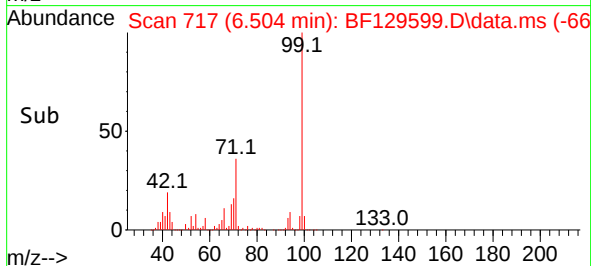
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Tgt Ion: 99 Resp: 1790431
Ion Ratio Lower Upper
99 100
42 18.9 17.3 25.9
71 36.4 28.9 43.3

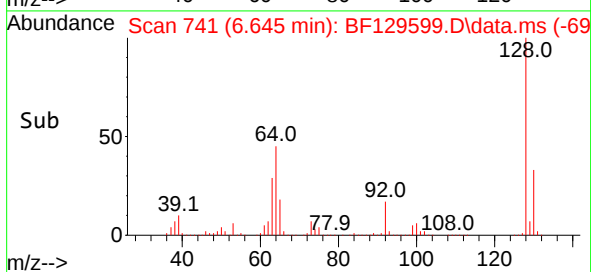
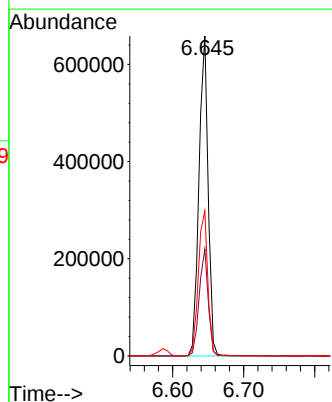
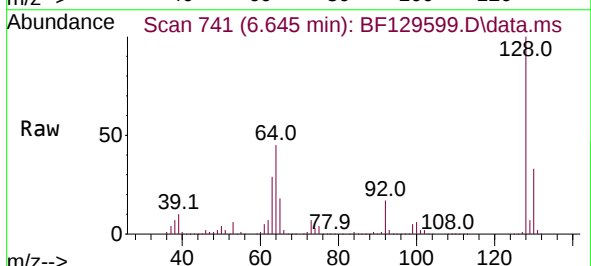
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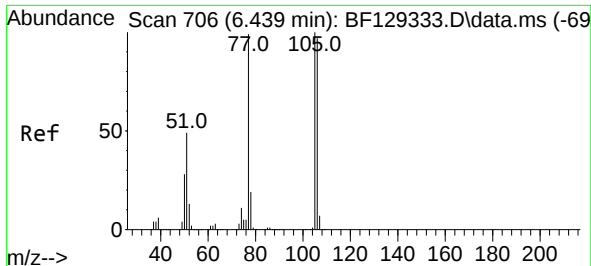
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022



#8
2-Chlorophenol
Concen: 42.459 ng
RT: 6.645 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF129599.D
Acq: 05 Aug 2022 13:40

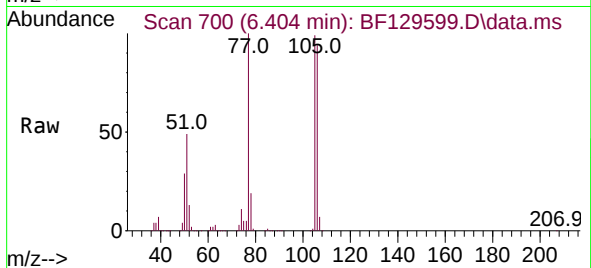
Tgt Ion:128 Resp: 589161
Ion Ratio Lower Upper
128 100
130 33.4 13.1 53.1
64 45.3 30.9 70.9





#9
Benzaldehyde
Concen: 29.083 ng
RT: 6.404 min Scan# 706
Delta R.T. -0.000 min
Lab File: BF129599.D
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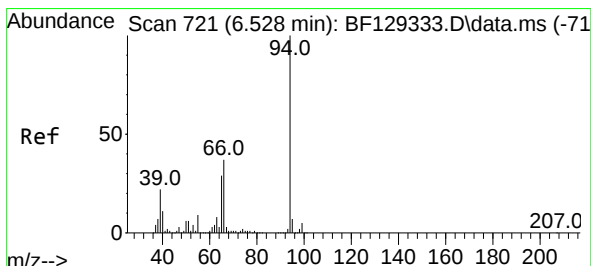
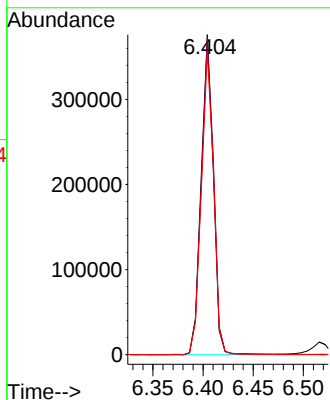
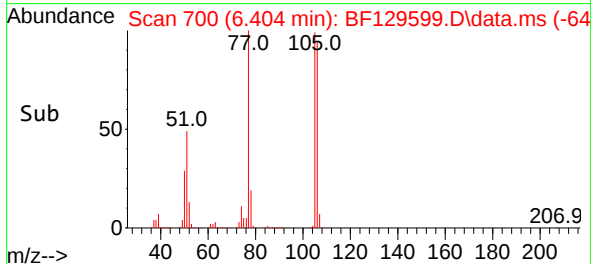
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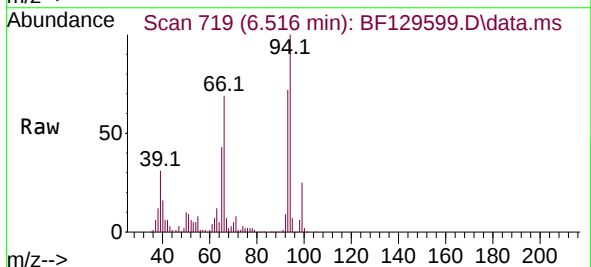
Tgt Ion: 77 Resp: 315299
Ion Ratio Lower Upper
77 100
105 99.3 81.6 121.6
106 94.5 76.1 116.1

Manual Integrations
APPROVED

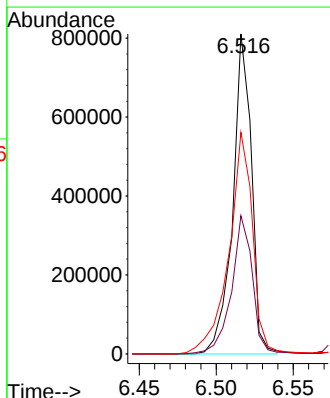
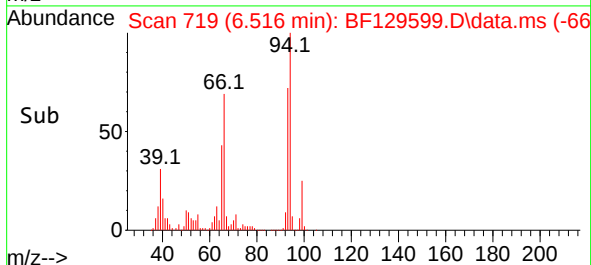
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022

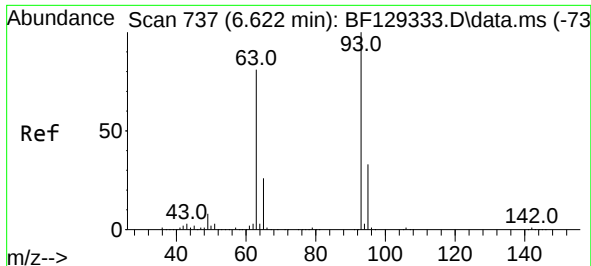


#10
Phenol
Concen: 40.241 ng m
RT: 6.516 min Scan# 719
Delta R.T. -0.000 min
Lab File: BF129599.D
Acq: 05 Aug 2022 13:40



Tgt Ion: 94 Resp: 684129
Ion Ratio Lower Upper
94 100
65 43.2 11.4 51.4
66 69.2 21.4 61.4#





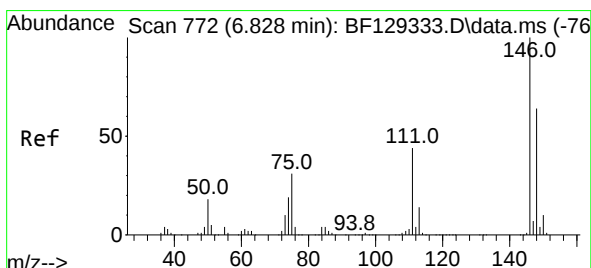
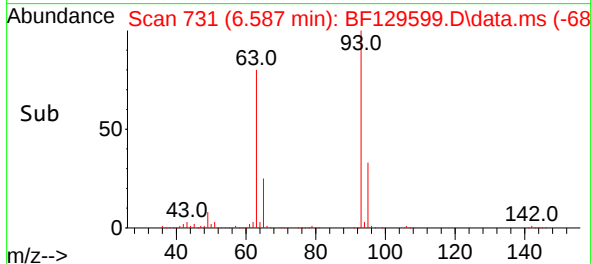
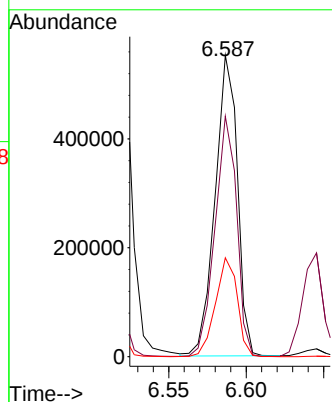
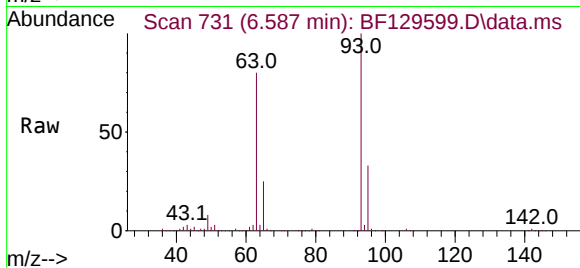
#11
bis(2-Chloroethyl)ether
Concen: 41.242 ng
RT: 6.587 min Scan# 731
Delta R.T. -0.006 min
Lab File: BF129599.D
Acq: 05 Aug 2022 13:40

Instrument :
BNA_F
ClientSampleId :
PB146537BS

Tgt Ion: 93 Resp: 556053
Ion Ratio Lower Upper
93 100
63 79.8 67.4 107.4
95 32.8 12.7 52.7

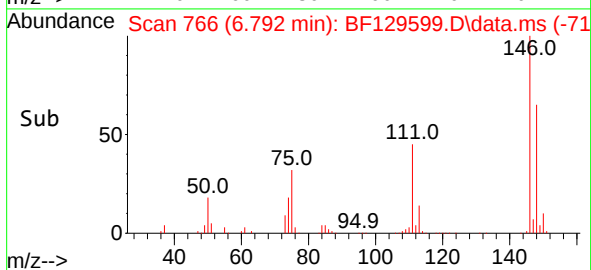
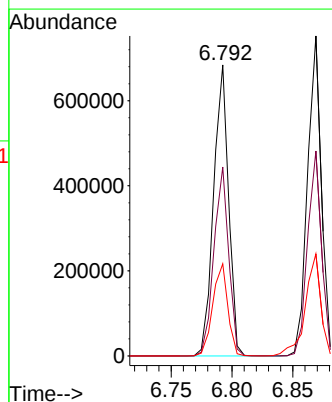
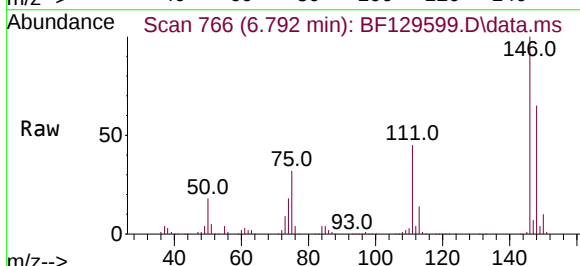
Manual Integrations
APPROVED

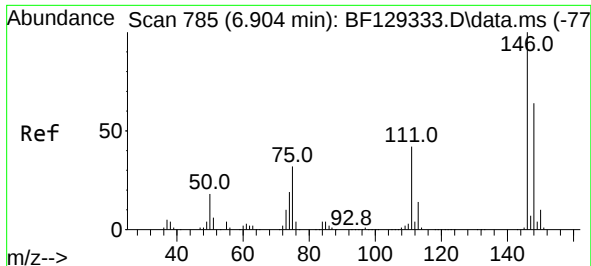
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022



#12
1,3-Dichlorobenzene
Concen: 39.303 ng
RT: 6.792 min Scan# 766
Delta R.T. -0.000 min
Lab File: BF129599.D
Acq: 05 Aug 2022 13:40

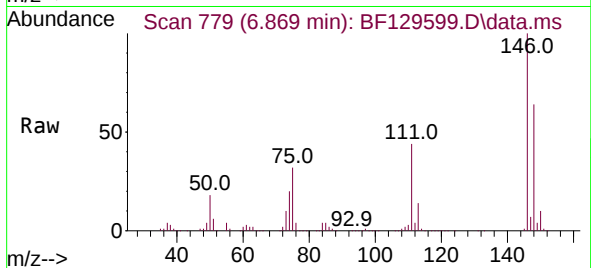
Tgt Ion:146 Resp: 584919
Ion Ratio Lower Upper
146 100
148 64.9 50.6 75.8
75 31.7 26.3 39.5





#13
1,4-Dichlorobenzene
Concen: 39.037 ng
RT: 6.869 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF129599.D
Acq: 05 Aug 2022 13:40

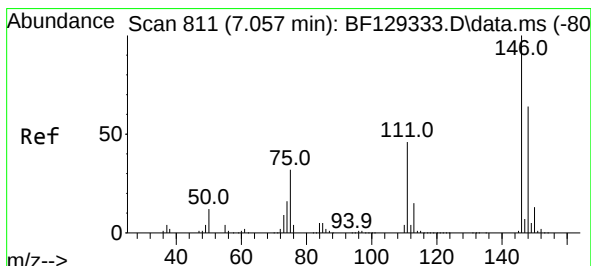
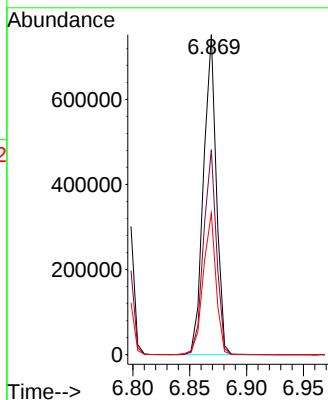
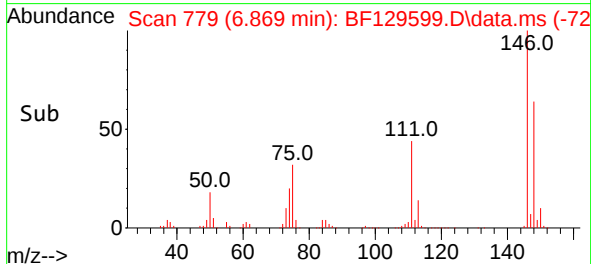
Instrument :
BNA_F
ClientSampleId :
PB146537BS



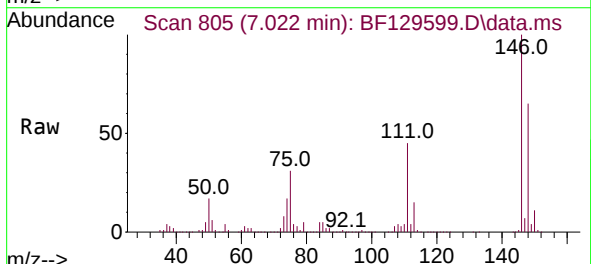
Tgt Ion:146 Resp: 59083
Ion Ratio Lower Upper
146 100
148 64.0 51.1 76.7
111 44.2 34.2 51.4

Manual Integrations
APPROVED

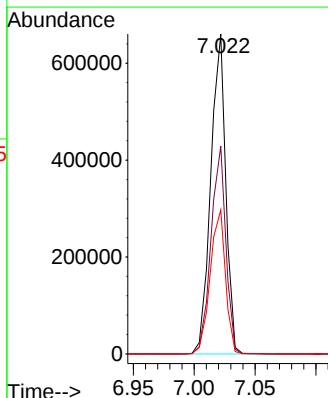
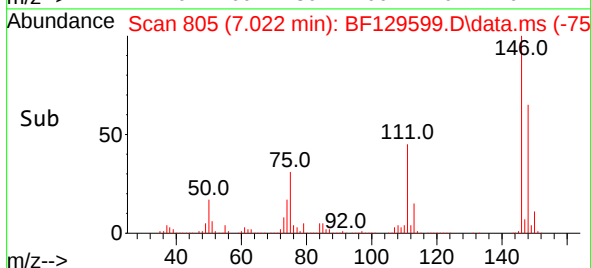
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022

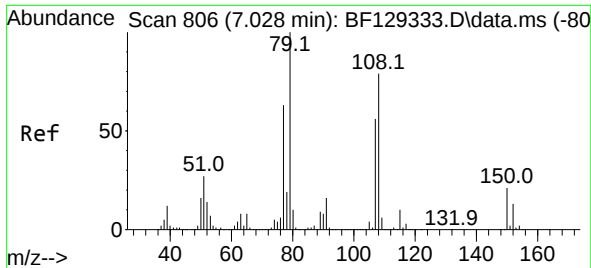


#14
1,2-Dichlorobenzene
Concen: 40.680 ng
RT: 7.022 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF129599.D
Acq: 05 Aug 2022 13:40



Tgt Ion:146 Resp: 565930
Ion Ratio Lower Upper
146 100
148 64.9 51.8 77.8
111 45.0 35.1 52.7





#15
Benzyl Alcohol
Concen: 43.844 ng
RT: 7.004 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF129599.D
Acq: 05 Aug 2022 13:40

Instrument :

BNA_F

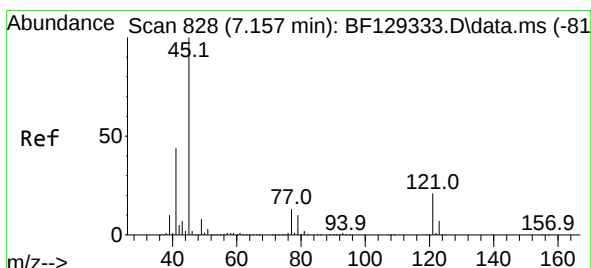
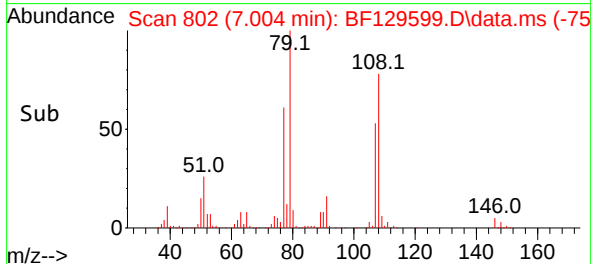
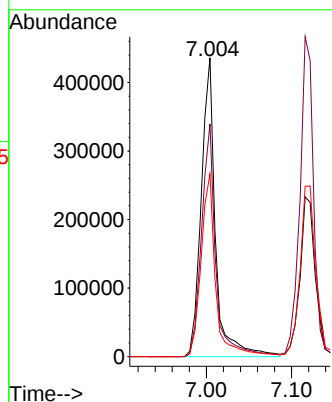
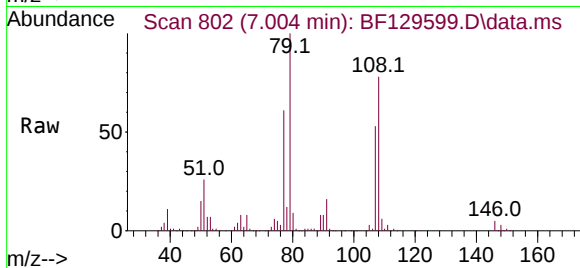
ClientSampleId :

PB146537BS

Tgt Ion: 79 Resp: 507643
Ion Ratio Lower Upper
79 100
108 77.9 61.8 92.6
77 61.2 50.2 75.4

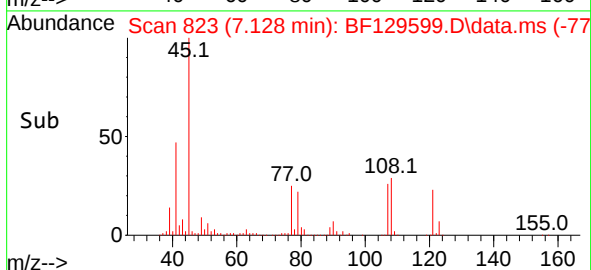
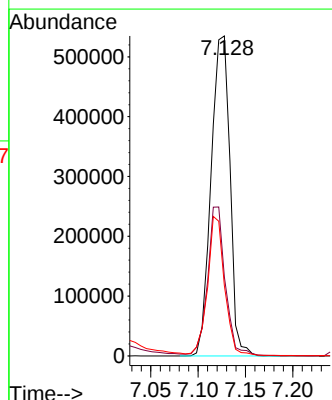
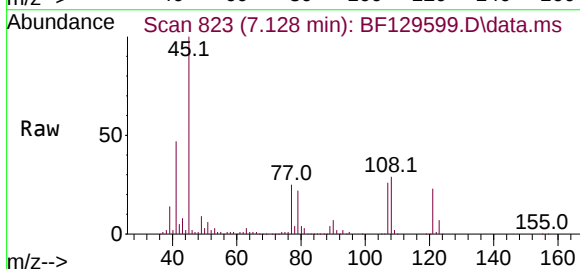
Manual Integrations
APPROVED

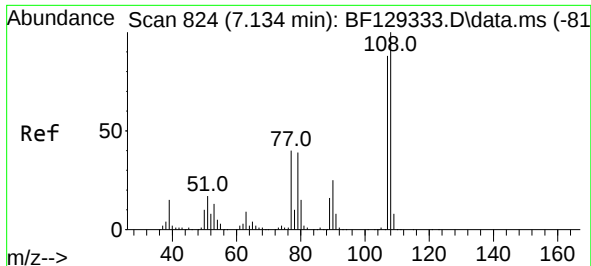
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.583 ng
RT: 7.128 min Scan# 823
Delta R.T. -0.000 min
Lab File: BF129599.D
Acq: 05 Aug 2022 13:40

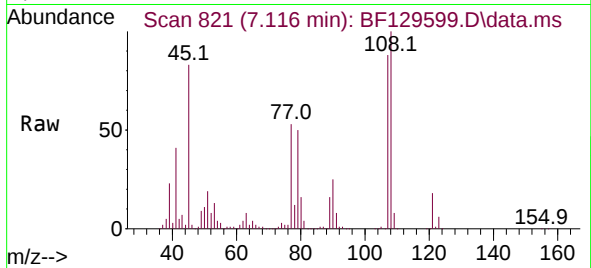
Tgt Ion: 45 Resp: 741418
Ion Ratio Lower Upper
45 100
77 24.7 0.0 31.3
79 22.0 0.0 28.3





#17
2-Methylphenol
Concen: 40.503 ng
RT: 7.116 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF129599.D
Acq: 05 Aug 2022 13:40

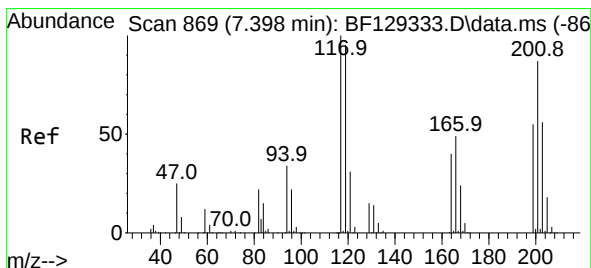
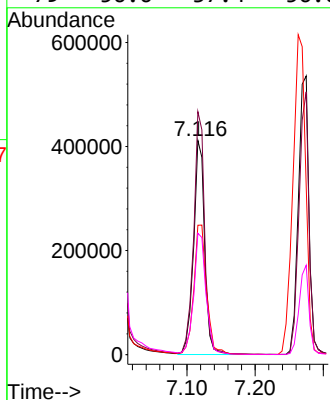
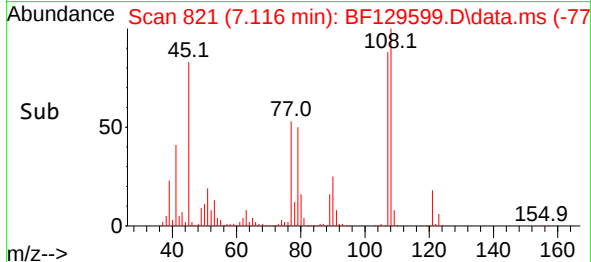
Instrument :
BNA_F
ClientSampleId :
PB146537BS



Tgt Ion:107 Resp: 466250
Ion Ratio Lower Upper
107 100
108 113.4 91.9 137.9
77 60.4 37.8 56.8
79 56.6 37.4 56.0#

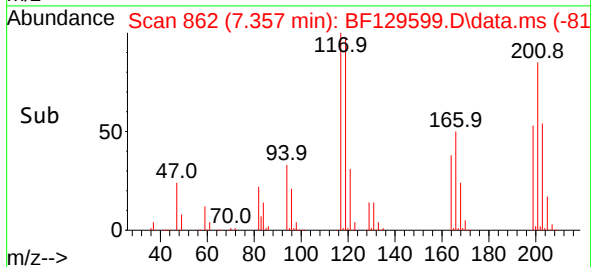
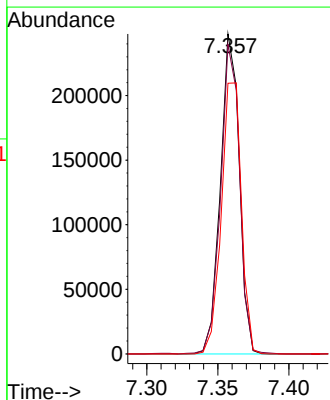
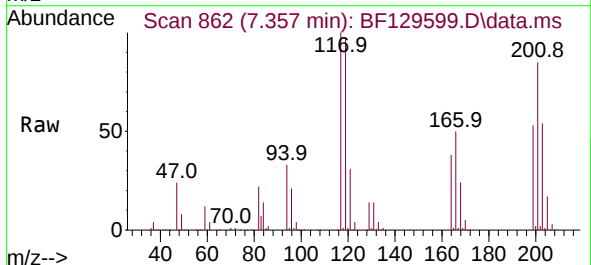
Manual Integrations
APPROVED

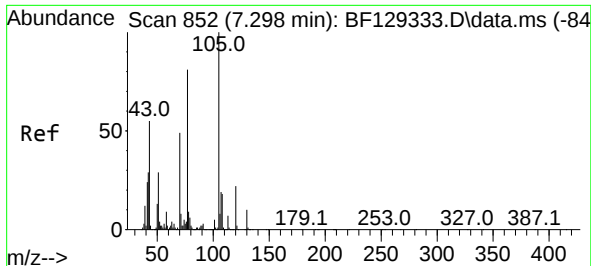
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022



#18
Hexachloroethane
Concen: 40.340 ng
RT: 7.357 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF129599.D
Acq: 05 Aug 2022 13:40

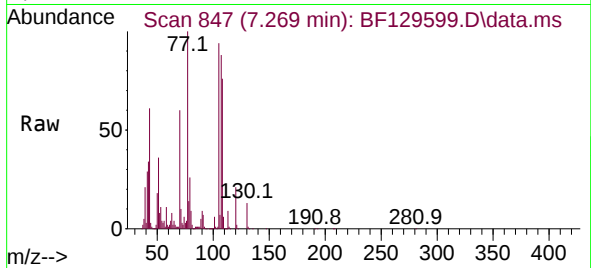
Tgt Ion:117 Resp: 229898
Ion Ratio Lower Upper
117 100
119 96.7 77.4 116.2
201 84.6 84.6 127.0#





#19
n-Nitroso-di-n-propylamine
Concen: 41.131 ng
RT: 7.269 min Scan# 847
Delta R.T. -0.000 min
Lab File: BF129599.D
Acq: 05 Aug 2022 13:40

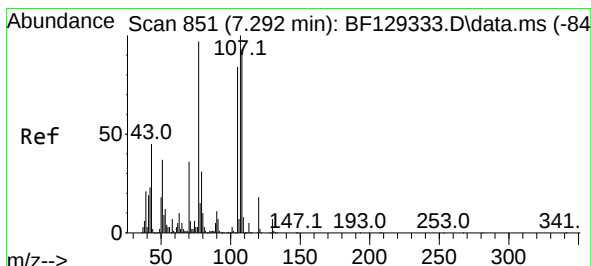
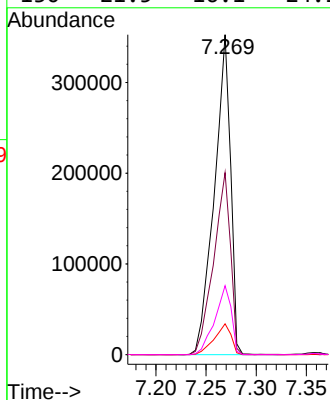
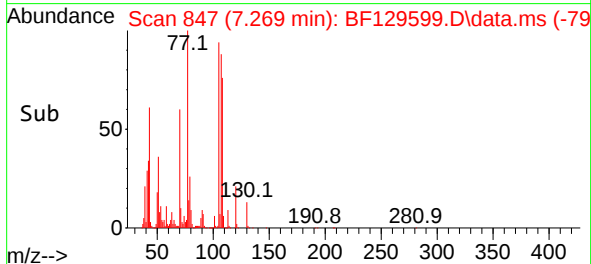
Instrument :
BNA_F
ClientSampleId :
PB146537BS



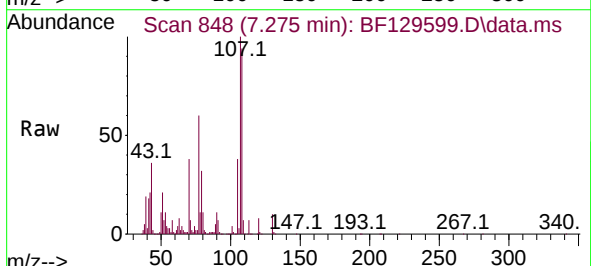
Tgt Ion: 70 Resp: 397519
Ion Ratio Lower Upper
70 100
42 56.9 52.3 78.5
101 9.6 7.5 11.3
130 21.5 16.1 24.1

Manual Integrations
APPROVED

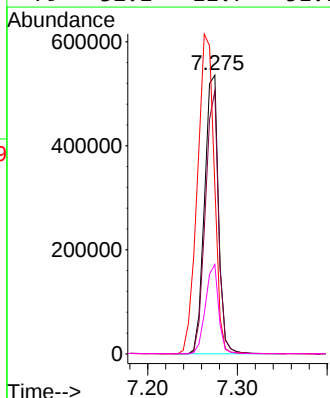
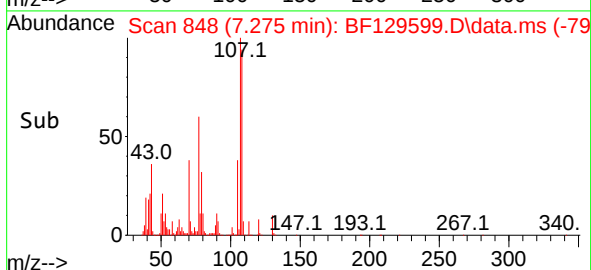
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022

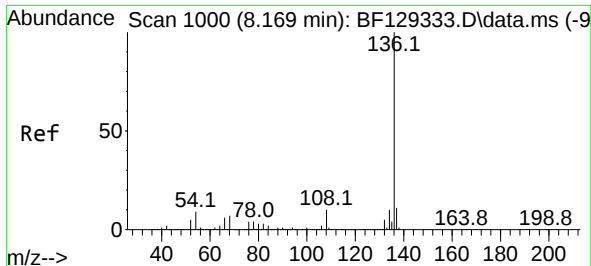


#20
3+4-Methylphenols
Concen: 39.474 ng
RT: 7.275 min Scan# 848
Delta R.T. -0.000 min
Lab File: BF129599.D
Acq: 05 Aug 2022 13:40



Tgt Ion:107 Resp: 577771
Ion Ratio Lower Upper
107 100
108 94.3 71.8 111.8
77 60.4 59.3 99.3
79 32.1 11.7 51.7





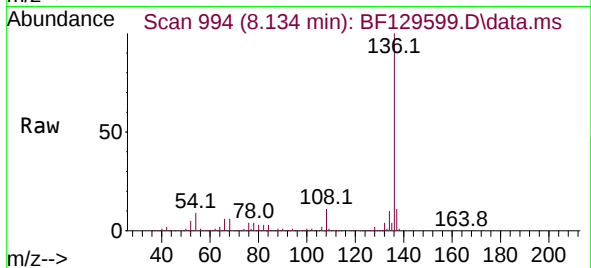
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 94
Delta R.T. -0.000 min
Lab File: BF129599.D
Acq: 05 Aug 2022 13:40

Instrument :

BNA_F

ClientSampleId :

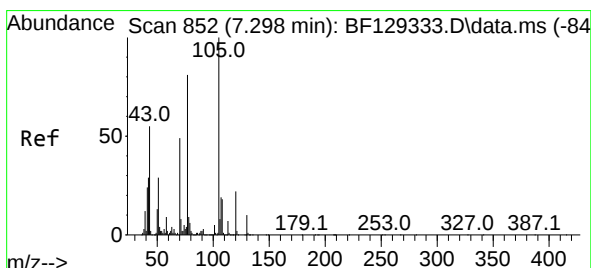
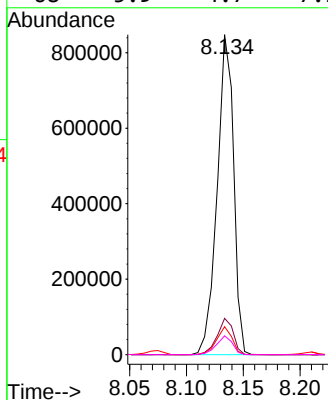
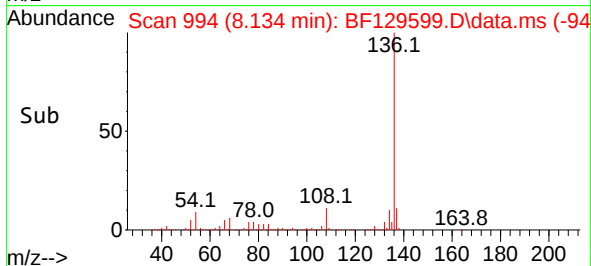
PB146537BS



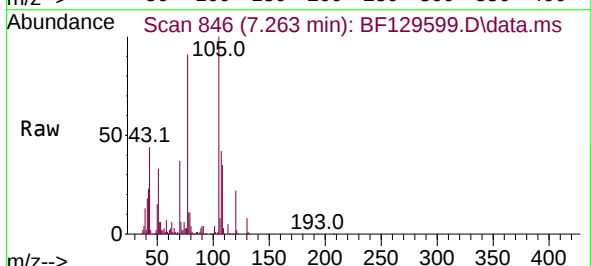
Tgt Ion:136 Resp: 852479
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 8.7 7.5 11.3
68 5.9 4.7 7.1

Manual Integrations
APPROVED

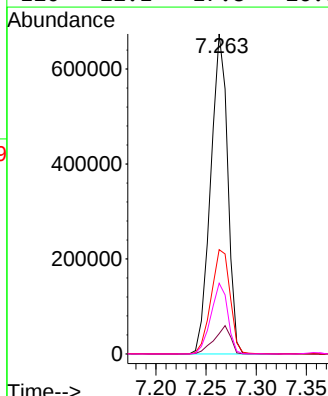
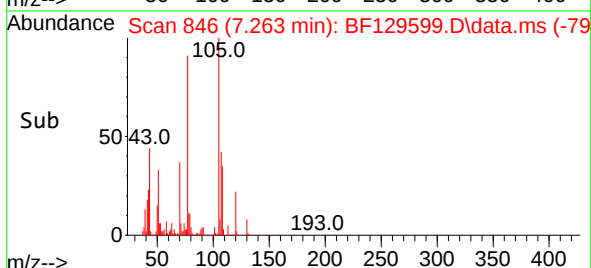
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022

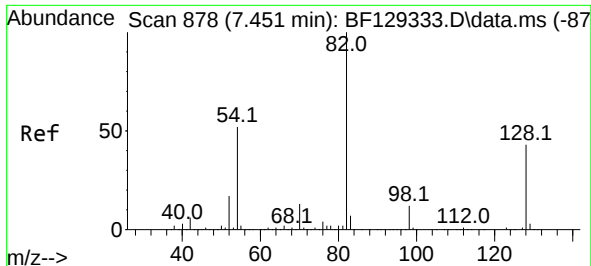


#22
Acetophenone
Concen: 40.013 ng
RT: 7.263 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF129599.D
Acq: 05 Aug 2022 13:40



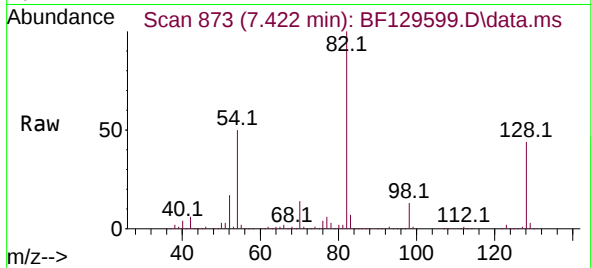
Tgt Ion:105 Resp: 794160
Ion Ratio Lower Upper
105 100
71 6.3 5.0 7.4
51 32.6 25.0 37.4
120 22.1 17.8 26.8





#23
Nitrobenzene-d5
Concen: 74.935 ng
RT: 7.422 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF129599.D
Acq: 05 Aug 2022 13:40

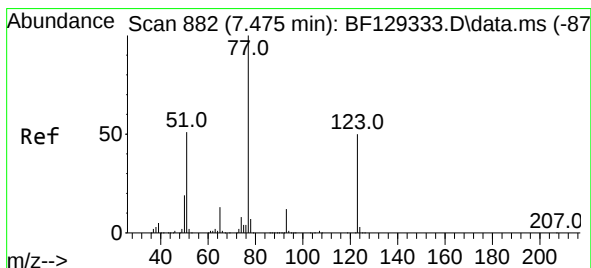
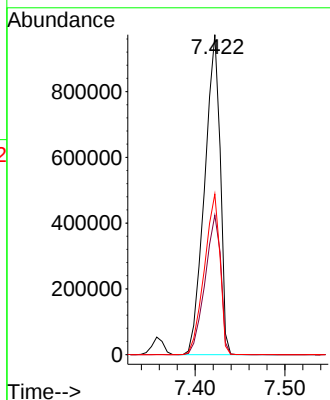
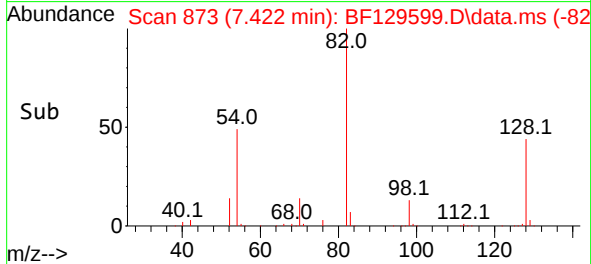
Instrument :
BNA_F
ClientSampleId :
PB146537BS



Tgt Ion: 82 Resp: 117021
Ion Ratio Lower Upper
82 100
128 43.6 34.0 51.0
54 50.2 46.9 70.3

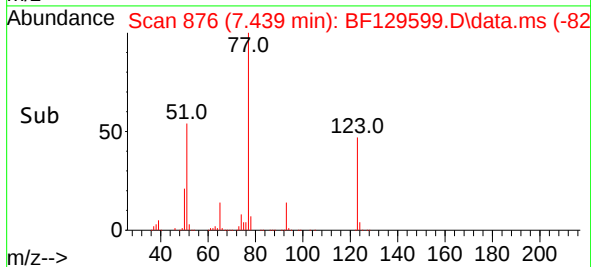
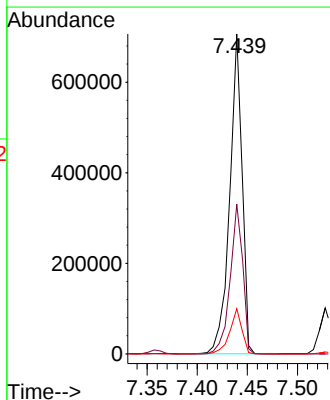
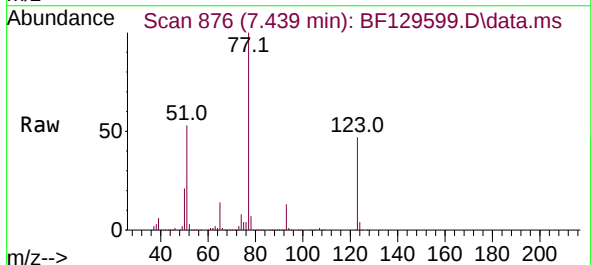
Manual Integrations
APPROVED

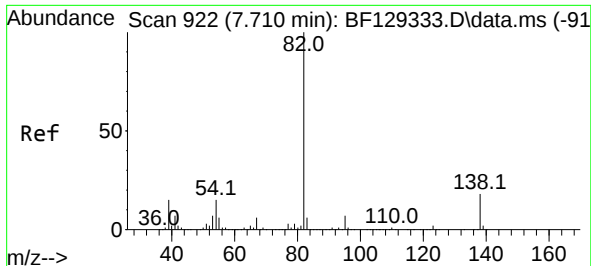
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022



#24
Nitrobenzene
Concen: 37.756 ng
RT: 7.439 min Scan# 876
Delta R.T. -0.000 min
Lab File: BF129599.D
Acq: 05 Aug 2022 13:40

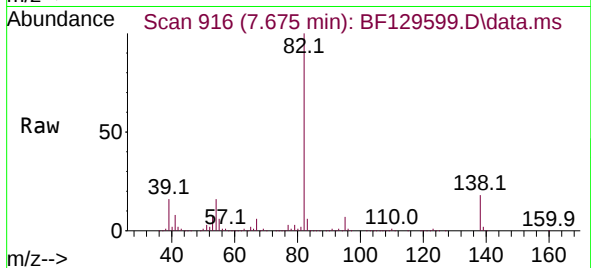
Tgt Ion: 77 Resp: 607159
Ion Ratio Lower Upper
77 100
123 46.8 35.4 53.2
65 14.1 11.8 17.8





#25
Isophorone
Concen: 40.512 ng
RT: 7.675 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF129599.D
Acq: 05 Aug 2022 13:40

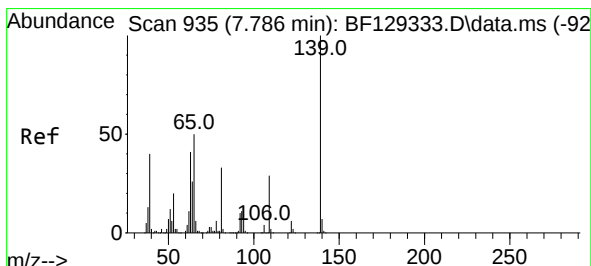
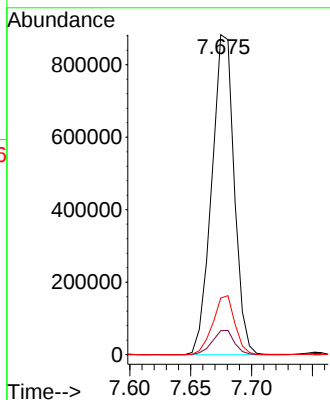
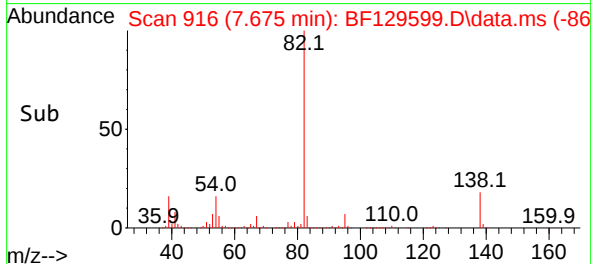
Instrument :
BNA_F
ClientSampleId :
PB146537BS



Tgt Ion: 82 Resp: 1134045
Ion Ratio Lower Upper
82 100
95 7.5 5.7 8.5
138 17.7 14.2 21.2

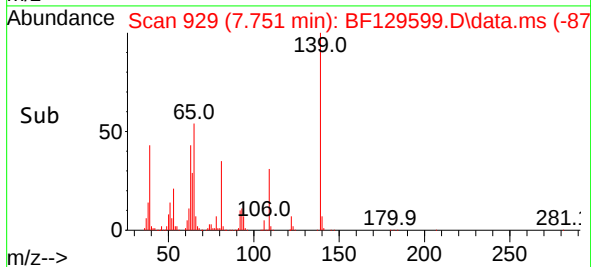
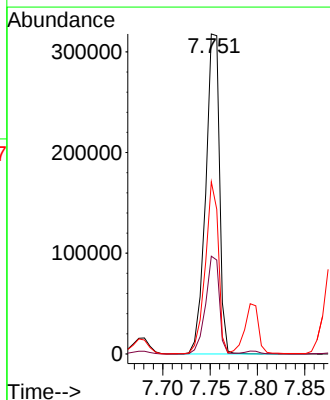
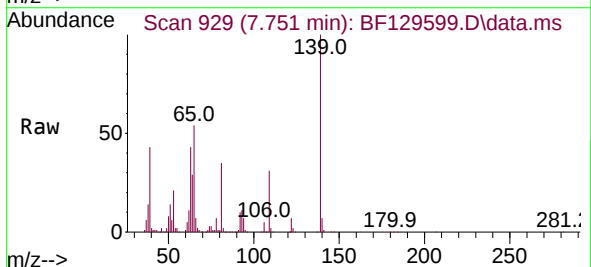
Manual Integrations
APPROVED

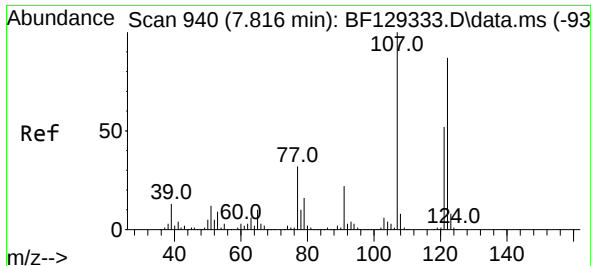
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022



#26
2-Nitrophenol
Concen: 40.863 ng
RT: 7.751 min Scan# 929
Delta R.T. -0.006 min
Lab File: BF129599.D
Acq: 05 Aug 2022 13:40

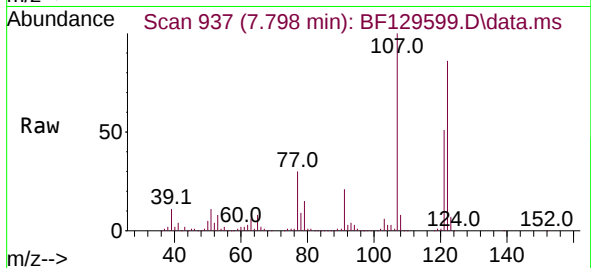
Tgt Ion:139 Resp: 324180
Ion Ratio Lower Upper
139 100
109 30.5 25.0 37.4
65 53.8 45.1 67.7





#27
2,4-Dimethylphenol
Concen: 44.221 ng m
RT: 7.798 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF129599.D
Acq: 05 Aug 2022 13:40

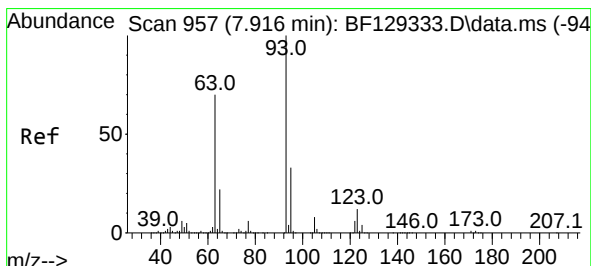
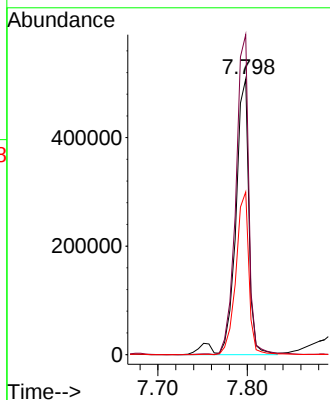
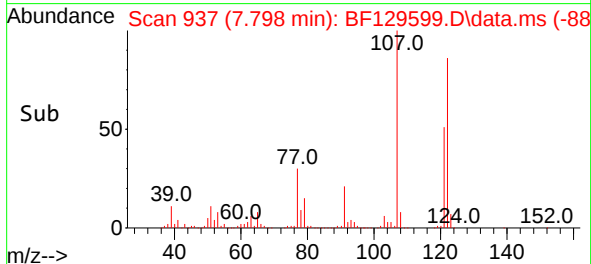
Instrument :
BNA_F
ClientSampleId :
PB146537BS



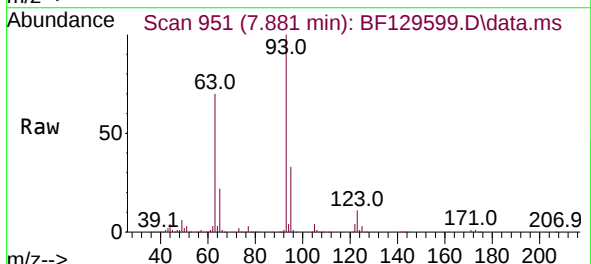
Tgt Ion:122 Resp: 526230
Ion Ratio Lower Upper
122 100
107 116.1 93.0 139.6
121 59.0 46.6 70.0

Manual Integrations
APPROVED

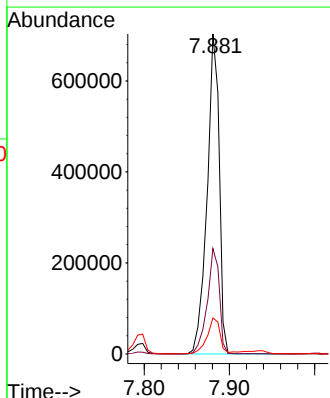
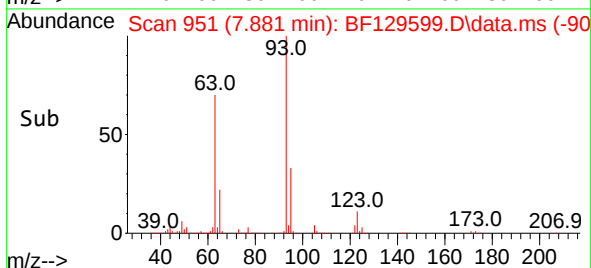
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022

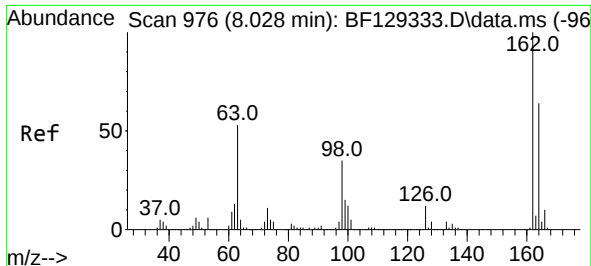


#28
bis(2-Chloroethoxy)methane
Concen: 42.858 ng
RT: 7.881 min Scan# 951
Delta R.T. -0.000 min
Lab File: BF129599.D
Acq: 05 Aug 2022 13:40



Tgt Ion: 93 Resp: 695948
Ion Ratio Lower Upper
93 100
95 32.9 26.8 40.2
123 11.2 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 39.472 ng

RT: 8.004 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF129599.D

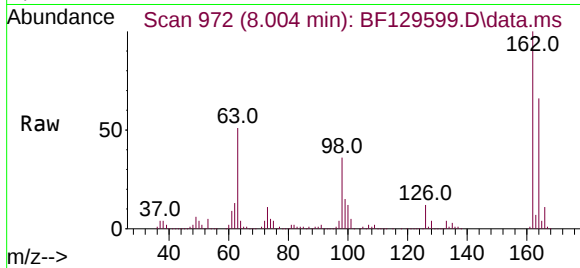
Acq: 05 Aug 2022 13:40

Instrument :

BNA_F

ClientSampleId :

PB146537BS



Tgt Ion:162 Resp: 484814

Ion Ratio Lower Upper

162 100

164 66.0 44.2 84.2

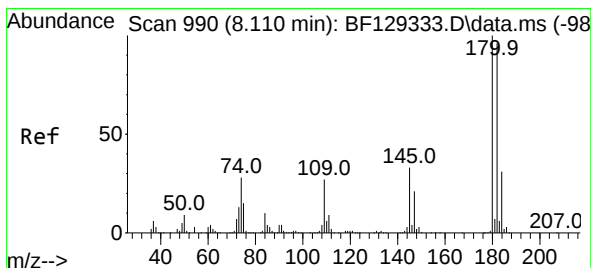
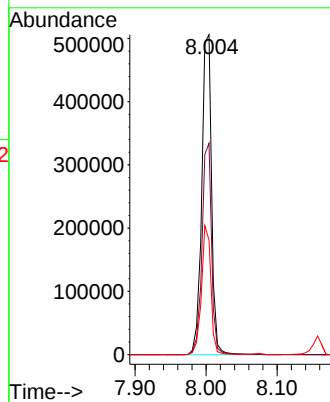
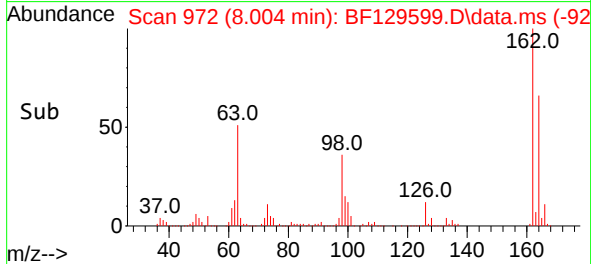
98 35.8 19.6 59.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/08/2022

Supervised By :Jagrut Upadhyay 08/08/2022



#30

1,2,4-Trichlorobenzene

Concen: 38.463 ng

RT: 8.075 min Scan# 984

Delta R.T. -0.000 min

Lab File: BF129599.D

Acq: 05 Aug 2022 13:40

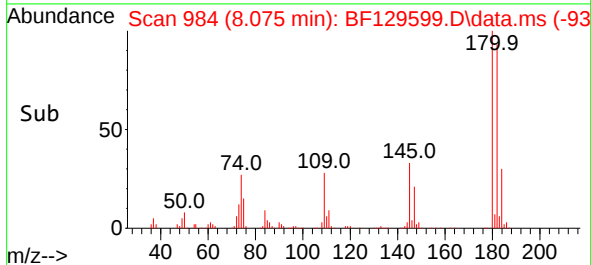
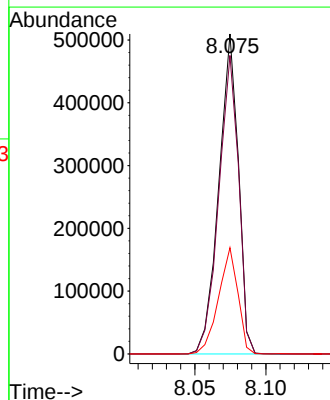
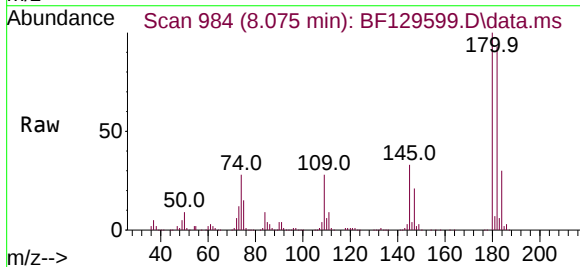
Tgt Ion:180 Resp: 488991

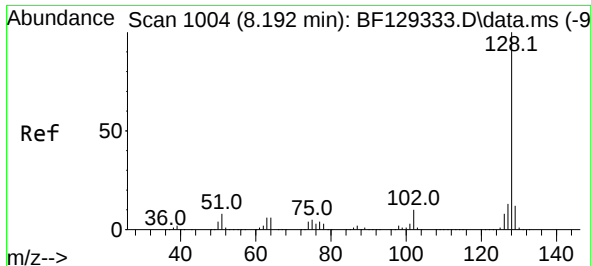
Ion Ratio Lower Upper

180 100

182 93.3 79.2 118.8

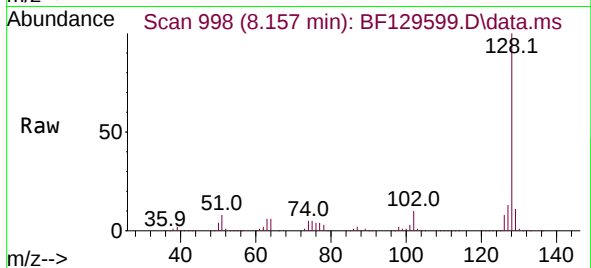
145 33.2 26.2 39.2





#31
Naphthalene
Concen: 37.928 ng
RT: 8.157 min Scan# 998
Delta R.T. -0.000 min
Lab File: BF129599.D
Acq: 05 Aug 2022 13:40

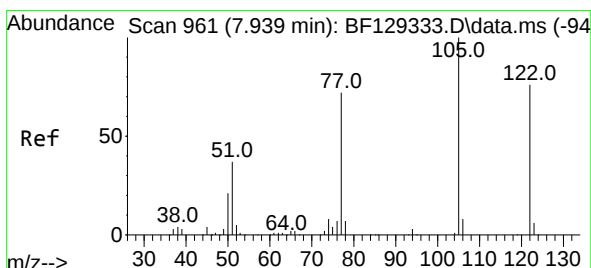
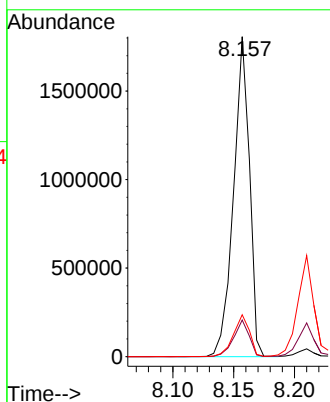
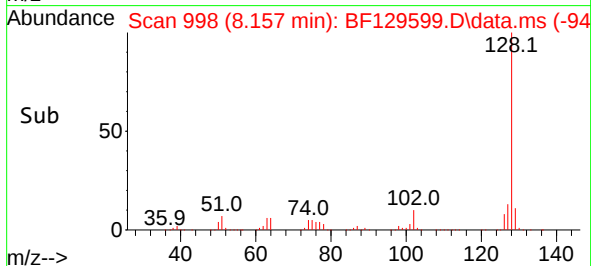
Instrument :
BNA_F
Client Sample Id :
PB146537BS



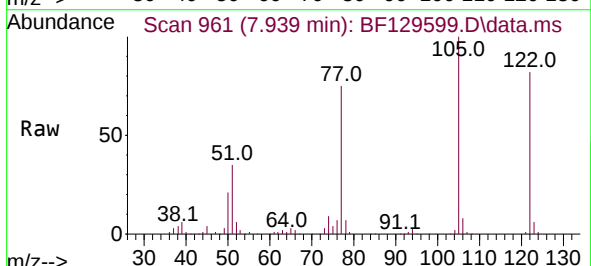
Tgt Ion:128 Resp: 1642684
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 13.1 10.5 15.7

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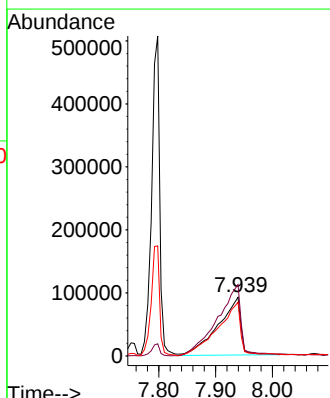
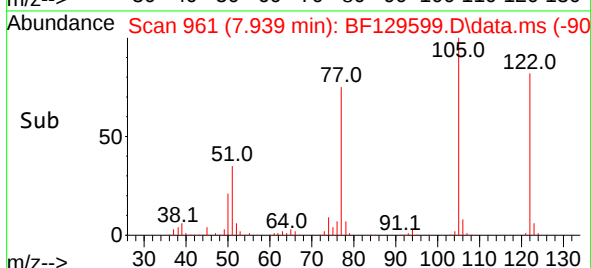
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022

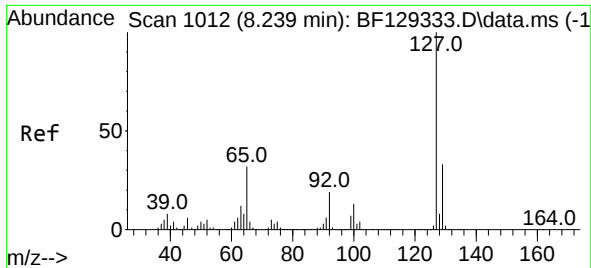


#32
Benzoic acid
Concen: 29.909 ng
RT: 7.939 min Scan# 961
Delta R.T. 0.006 min
Lab File: BF129599.D
Acq: 05 Aug 2022 13:40



Tgt Ion:122 Resp: 257304
Ion Ratio Lower Upper
122 100
105 121.6 107.1 147.1
77 91.6 74.2 114.2





#33
4-Chloroaniline
Concen: 31.755 ng
RT: 8.210 min Scan# 1012
Delta R.T. -0.000 min
Lab File: BF129599.D
Acq: 05 Aug 2022 13:40

Instrument :

BNA_F

ClientSampleId :

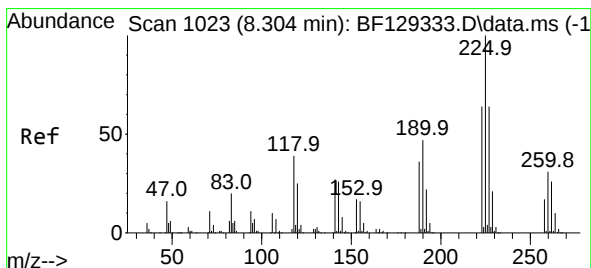
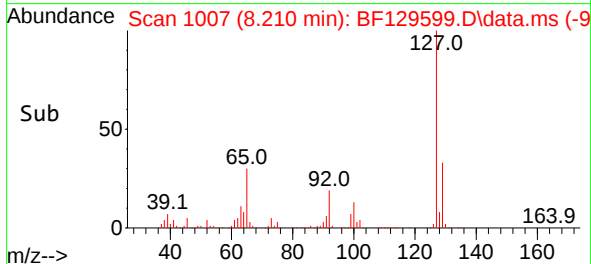
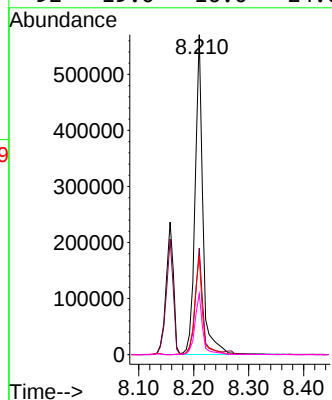
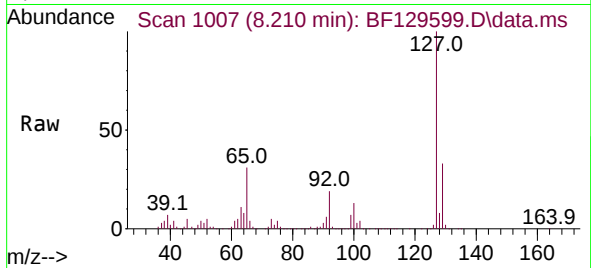
PB146537BS

Tgt Ion:127 Resp: 564649
Ion Ratio Lower Upper
127 100
129 33.3 26.4 39.6
65 30.8 26.4 39.6
92 19.0 16.0 24.0

Manual Integrations

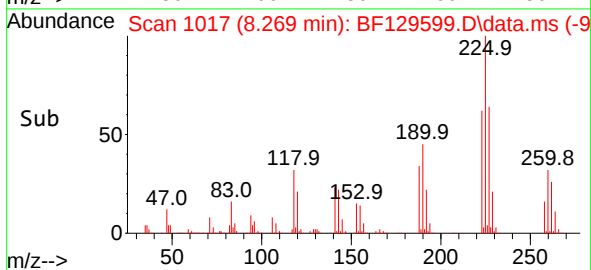
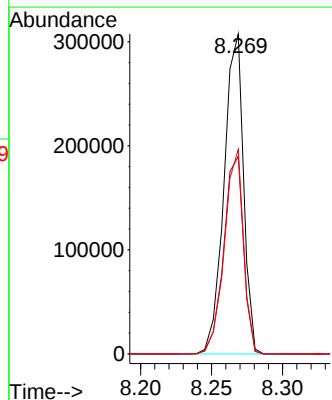
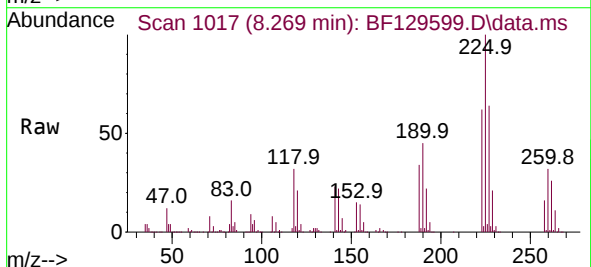
APPROVED

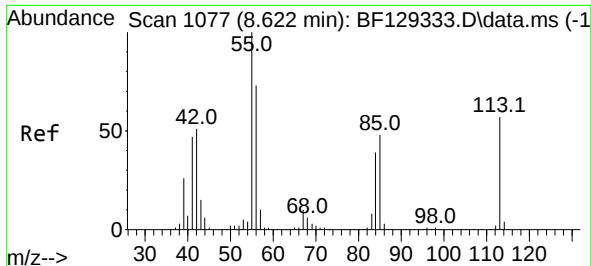
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022



#34
Hexachlorobutadiene
Concen: 40.563 ng
RT: 8.269 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF129599.D
Acq: 05 Aug 2022 13:40

Tgt Ion:225 Resp: 293136
Ion Ratio Lower Upper
225 100
223 61.7 51.0 76.6
227 63.9 51.1 76.7





#35
Caprolactam
Concen: 41.010 ng m
RT: 8.598 min Scan# 1077
Delta R.T. -0.006 min
Lab File: BF129599.D
Acq: 05 Aug 2022 13:40

Instrument :

BNA_F

ClientSampleId :

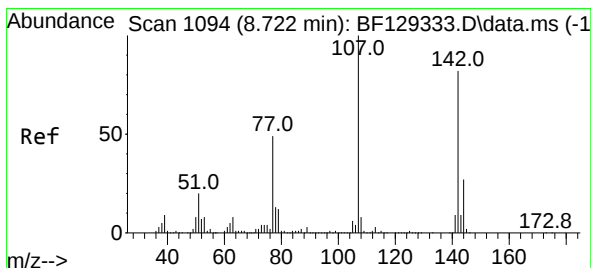
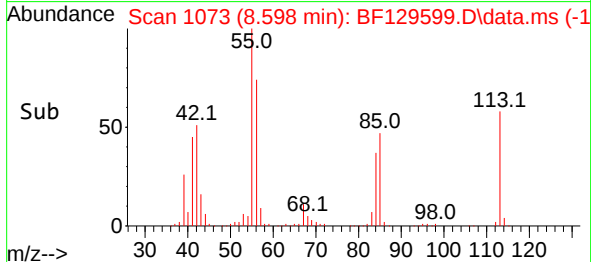
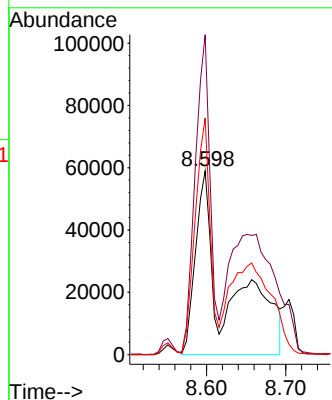
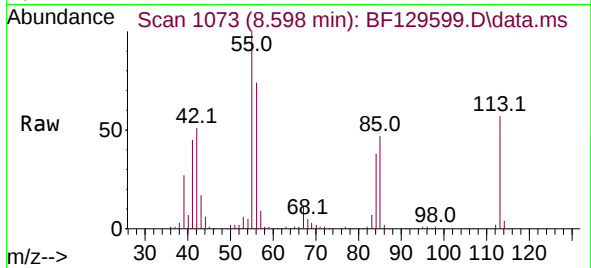
PB146537BS

Tgt Ion:113 Resp: 163760
Ion Ratio Lower Upper
113 100
55 174.1 188.5 228.5
56 128.8 130.6 170.6

Manual Integrations

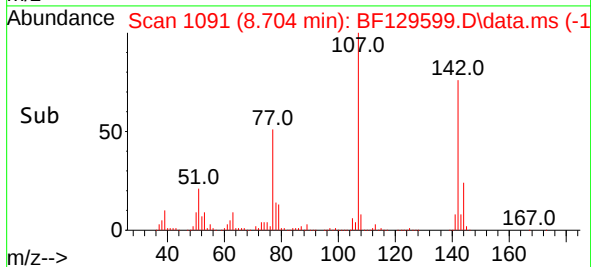
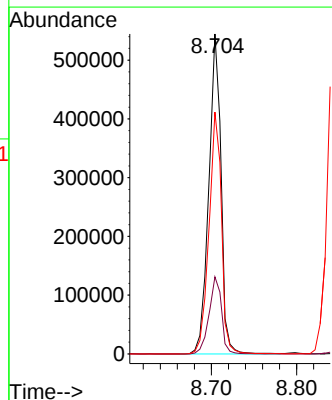
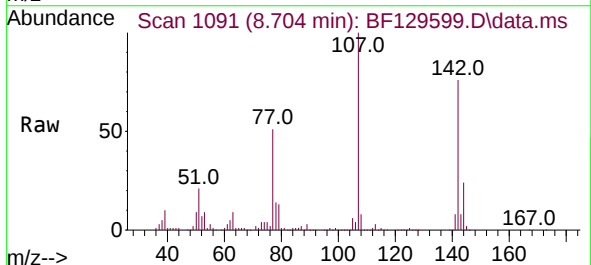
APPROVED

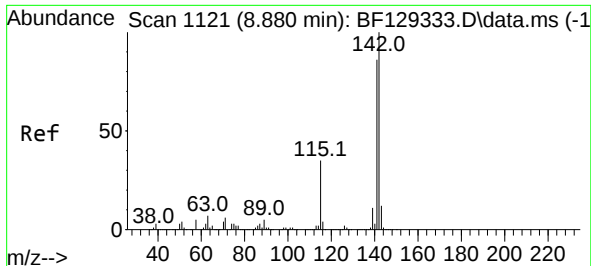
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022



#36
4-Chloro-3-methylphenol
Concen: 41.611 ng
RT: 8.704 min Scan# 1091
Delta R.T. -0.000 min
Lab File: BF129599.D
Acq: 05 Aug 2022 13:40

Tgt Ion:107 Resp: 542072
Ion Ratio Lower Upper
107 100
144 24.1 19.5 29.3
142 75.6 58.2 87.4





#37

2-Methylnaphthalene

Concen: 38.510 ng

RT: 8.851 min Scan# 1116

Delta R.T. -0.000 min

Lab File: BF129599.D

Acq: 05 Aug 2022 13:40

Instrument :

BNA_F

ClientSampleId :

PB146537BS

Tgt Ion:142 Resp: 1083916

Ion Ratio Lower Upper

142 100

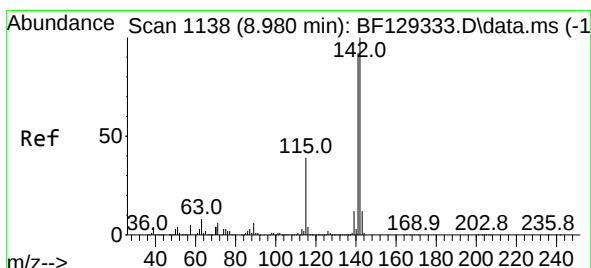
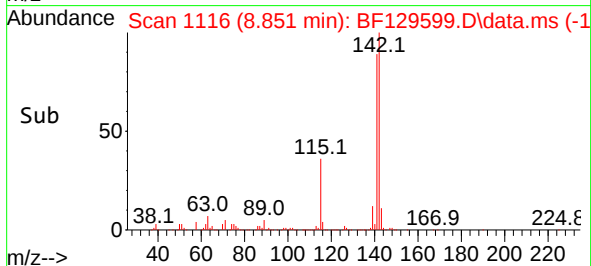
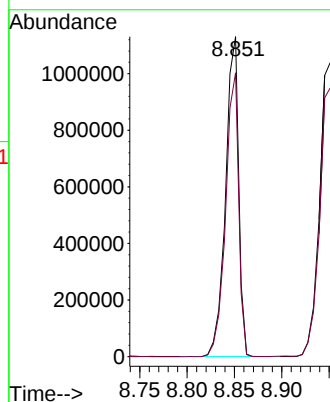
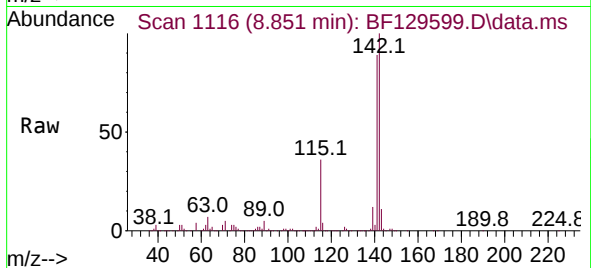
141 88.7 71.0 106.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/08/2022

Supervised By :Jagrut Upadhyay 08/08/2022



#38

1-Methylnaphthalene

Concen: 38.255 ng

RT: 8.951 min Scan# 1133

Delta R.T. -0.000 min

Lab File: BF129599.D

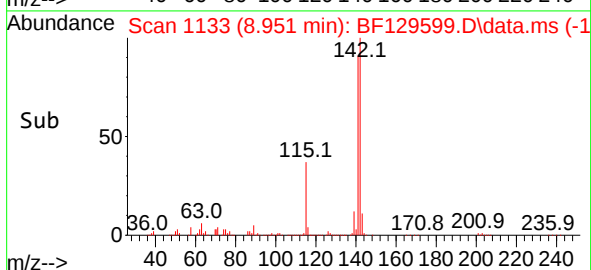
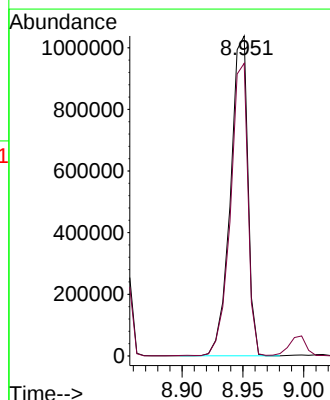
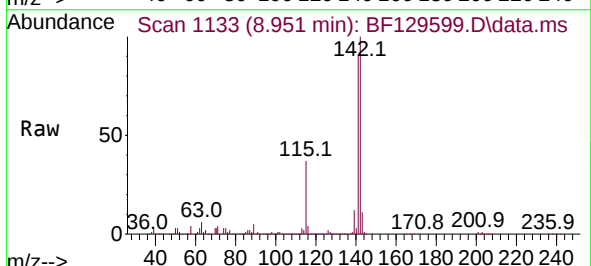
Acq: 05 Aug 2022 13:40

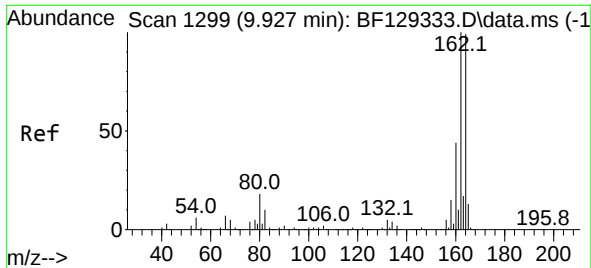
Tgt Ion:142 Resp: 1039422

Ion Ratio Lower Upper

142 100

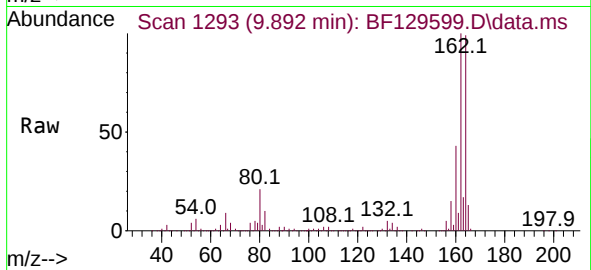
141 91.4 74.2 111.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1144
Delta R.T. -0.000 min
Lab File: BF129599.D
Acq: 05 Aug 2022 13:40

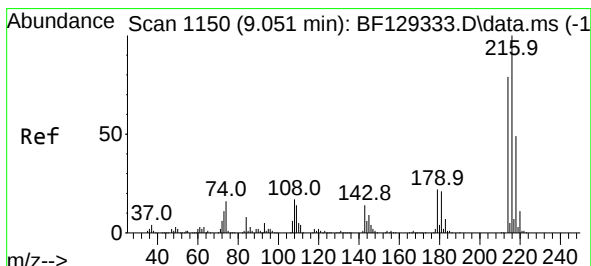
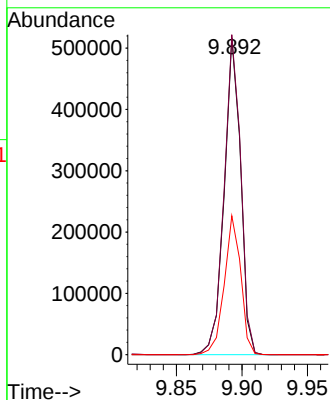
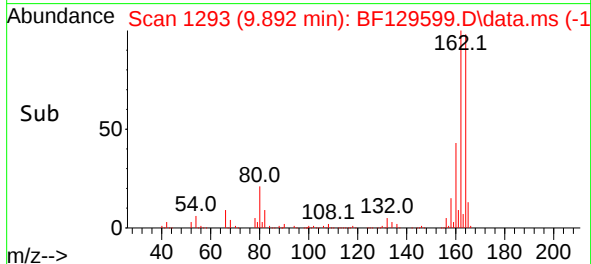
Instrument :
BNA_F
ClientSampleId :
PB146537BS



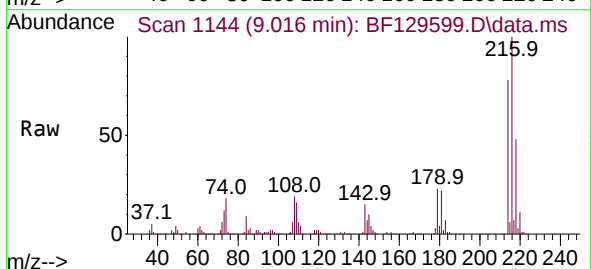
Tgt Ion:164 Resp: 450952
Ion Ratio Lower Upper
164 100
162 101.0 79.5 119.3
160 43.8 34.2 51.4

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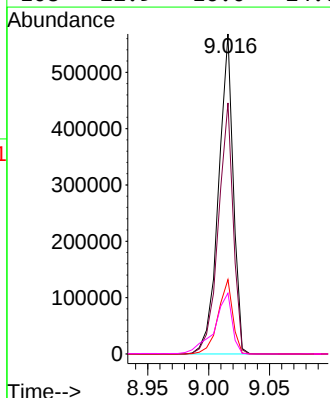
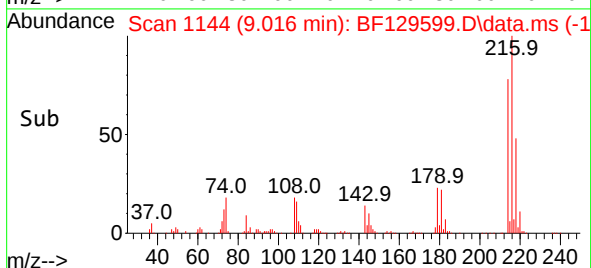
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022

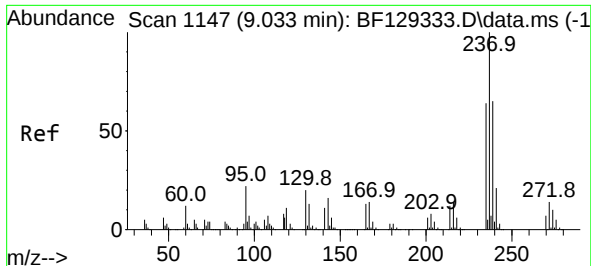


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.302 ng
RT: 9.016 min Scan# 1144
Delta R.T. -0.000 min
Lab File: BF129599.D
Acq: 05 Aug 2022 13:40



Tgt Ion:216 Resp: 477218
Ion Ratio Lower Upper
216 100
214 78.6 63.6 95.4
179 23.0 17.0 25.6
108 22.9 16.0 24.0





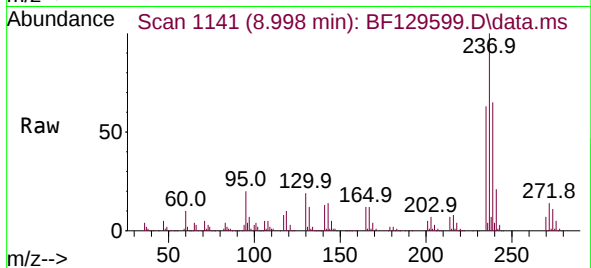
#41
Hexachlorocyclopentadiene
Concen: 85.504 ng
RT: 8.998 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BF129599.D
Acq: 05 Aug 2022 13:40

Instrument :

BNA_F

ClientSampleId :

PB146537BS

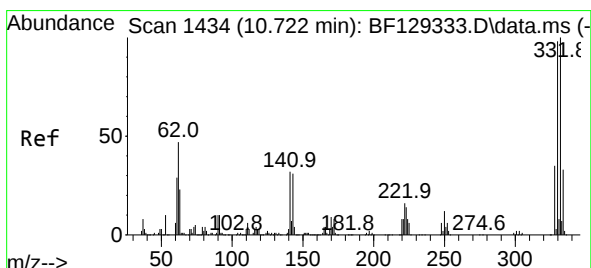
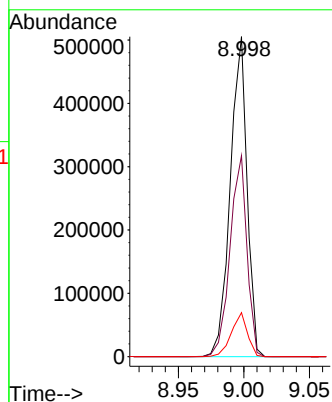
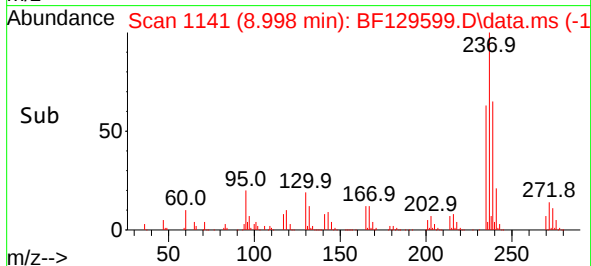


Tgt Ion:237 Resp: 450840
Ion Ratio Lower Upper
237 100
235 62.8 43.2 83.2
272 13.8 0.0 31.9

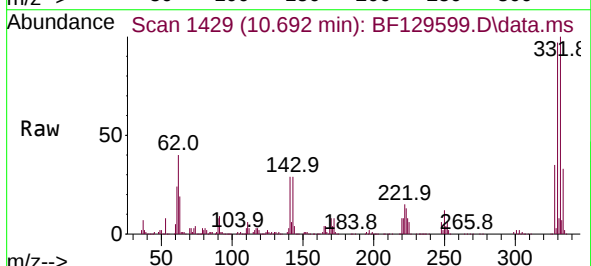
Manual Integrations

APPROVED

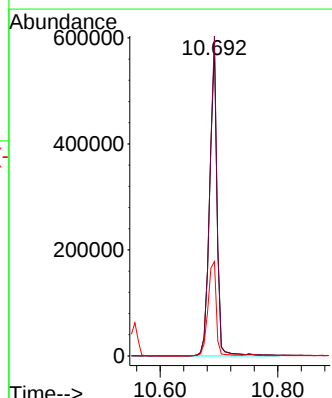
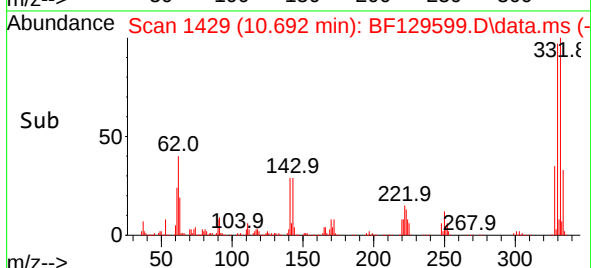
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022

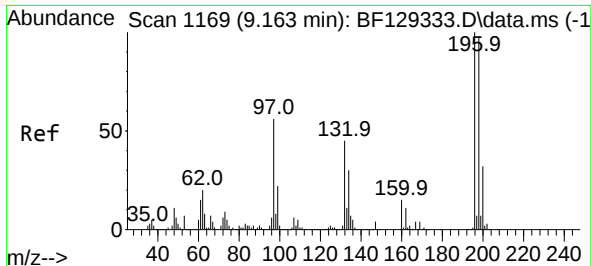


#42
2,4,6-Tribromophenol
Concen: 118.205 ng
RT: 10.692 min Scan# 1429
Delta R.T. 0.006 min
Lab File: BF129599.D
Acq: 05 Aug 2022 13:40



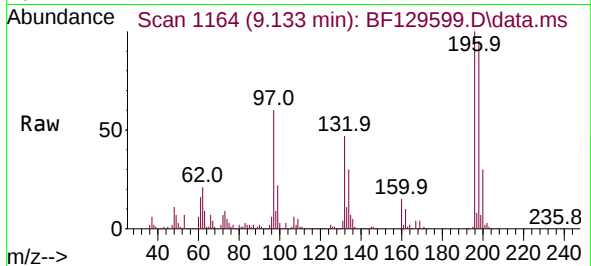
Tgt Ion:330 Resp: 512491
Ion Ratio Lower Upper
330 100
332 103.0 76.8 115.2
141 34.1 28.0 42.0





#43
2,4,6-Trichlorophenol
Concen: 38.139 ng
RT: 9.133 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF129599.D
Acq: 05 Aug 2022 13:40

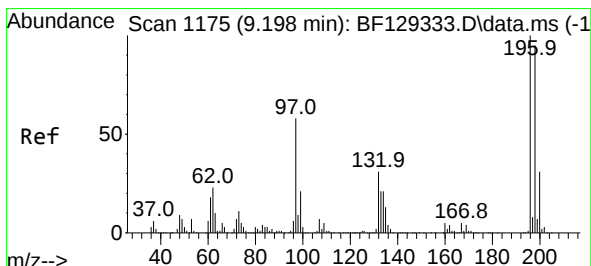
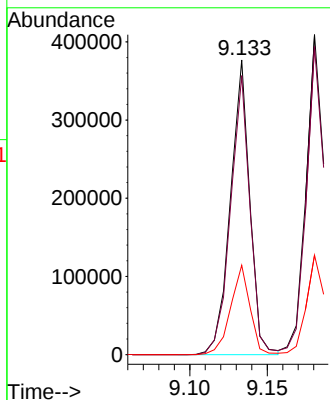
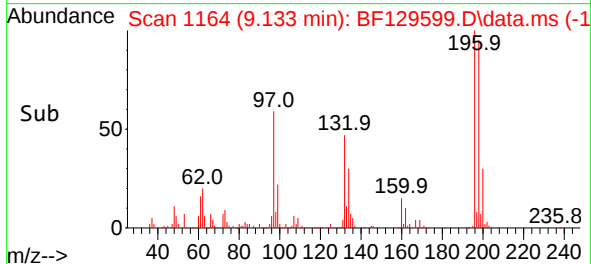
Instrument :
BNA_F
ClientSampleId :
PB146537BS



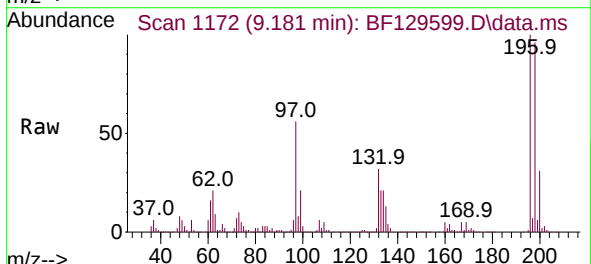
Tgt Ion:196 Resp: 328009
Ion Ratio Lower Upper
196 100
198 94.7 74.0 111.0
200 30.3 24.1 36.1

Manual Integrations
APPROVED

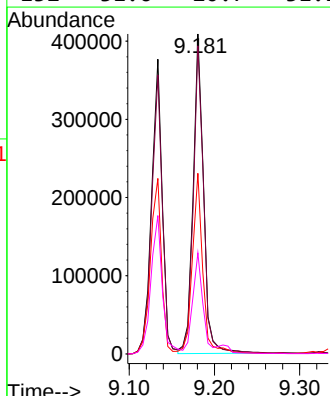
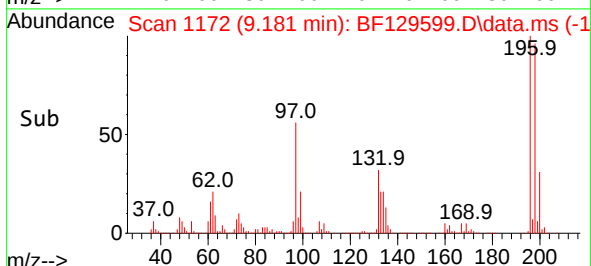
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022

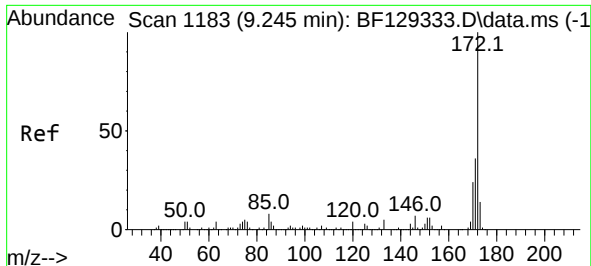


#44
2,4,5-Trichlorophenol
Concen: 37.274 ng
RT: 9.181 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BF129599.D
Acq: 05 Aug 2022 13:40



Tgt Ion:196 Resp: 348616
Ion Ratio Lower Upper
196 100
198 96.3 75.7 113.5
97 56.5 36.4 54.6#
132 31.6 20.7 31.1#





#45

2-Fluorobiphenyl

Concen: 71.939 ng

RT: 9.210 min Scan# 1177

Delta R.T. -0.000 min

Lab File: BF129599.D

Acq: 05 Aug 2022 13:40

Instrument :

BNA_F

ClientSampleId :

PB146537BS

Tgt Ion:172 Resp: 209713

Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

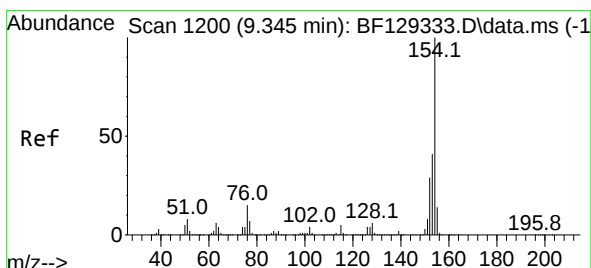
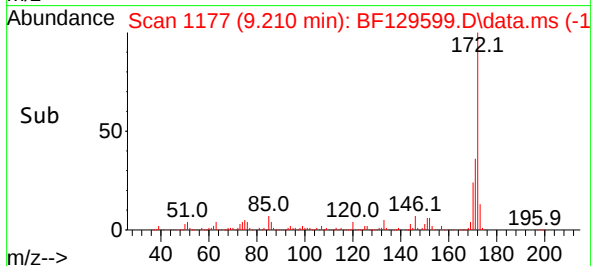
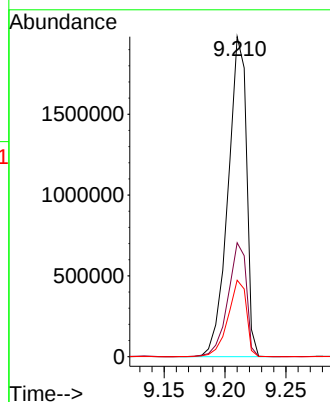
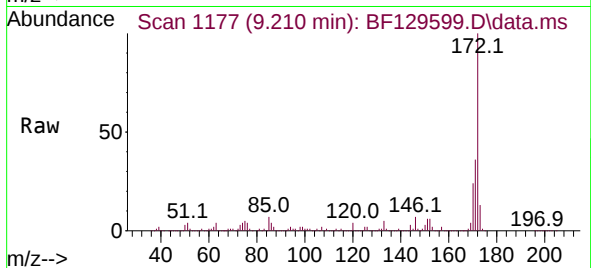
170 23.9 19.8 29.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/08/2022

Supervised By :Jagrut Upadhyay 08/08/2022



#46

1,1'-Biphenyl

Concen: 39.977 ng

RT: 9.316 min Scan# 1195

Delta R.T. -0.000 min

Lab File: BF129599.D

Acq: 05 Aug 2022 13:40

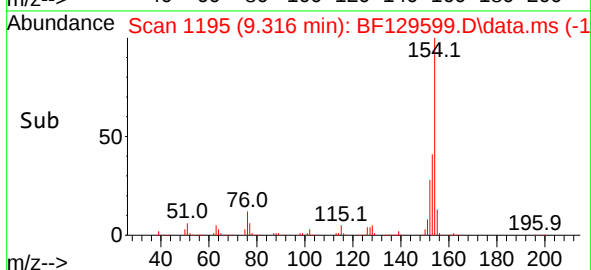
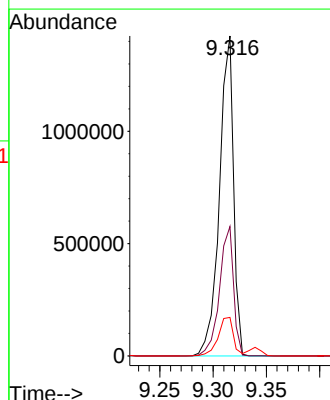
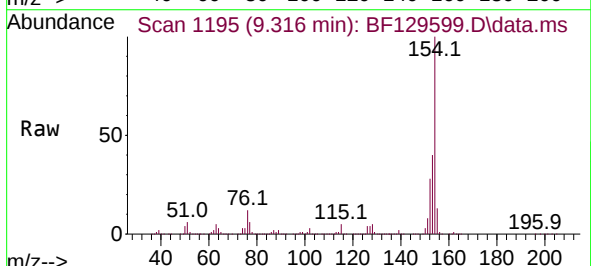
Tgt Ion:154 Resp: 1315690

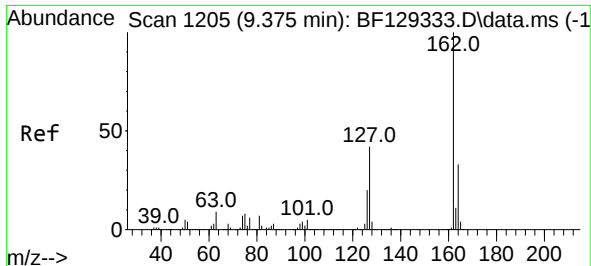
Ion Ratio Lower Upper

154 100

153 40.4 20.6 60.6

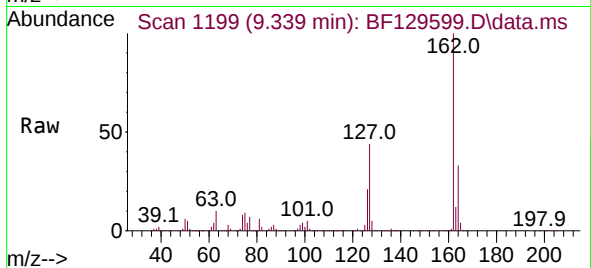
76 12.0 0.0 33.3





#47
2-Chloronaphthalene
Concen: 38.718 ng
RT: 9.339 min Scan# 1199
Delta R.T. -0.000 min
Lab File: BF129599.D
Acq: 05 Aug 2022 13:40

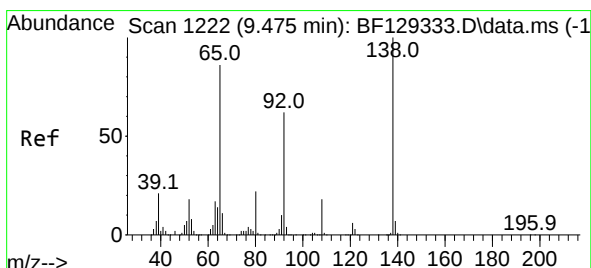
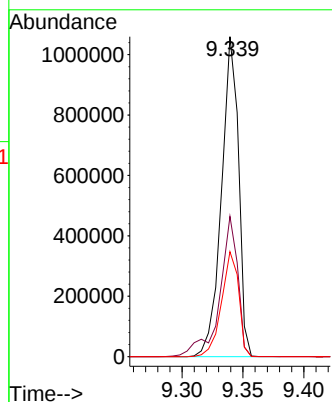
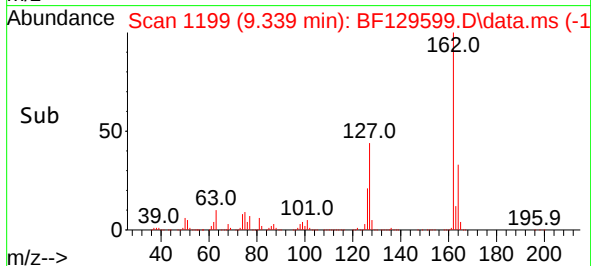
Instrument :
BNA_F
ClientSampleId :
PB146537BS



Tgt Ion:162 Resp: 1030097
Ion Ratio Lower Upper
162 100
127 43.8 34.5 51.7
164 32.8 26.5 39.7

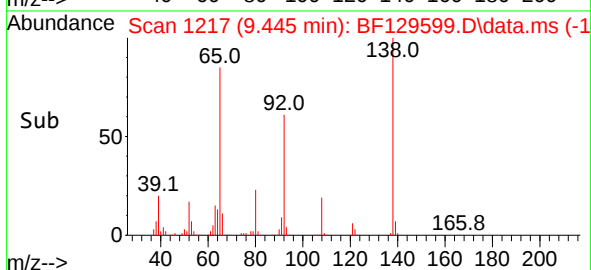
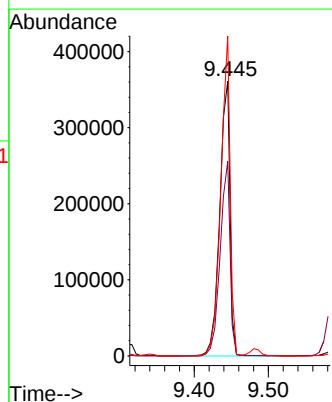
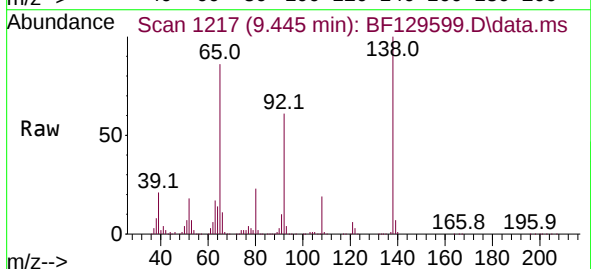
Manual Integrations
APPROVED

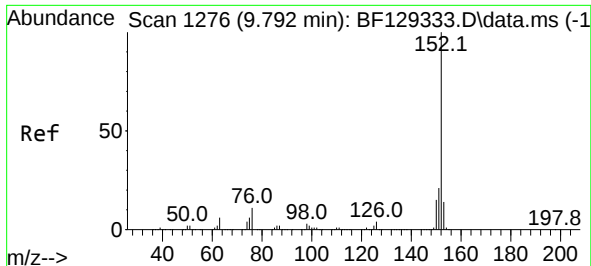
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022



#48
2-Nitroaniline
Concen: 38.959 ng
RT: 9.445 min Scan# 1217
Delta R.T. -0.000 min
Lab File: BF129599.D
Acq: 05 Aug 2022 13:40

Tgt Ion: 65 Resp: 344659
Ion Ratio Lower Upper
65 100
92 70.8 51.9 77.9
138 116.5 76.4 114.6#





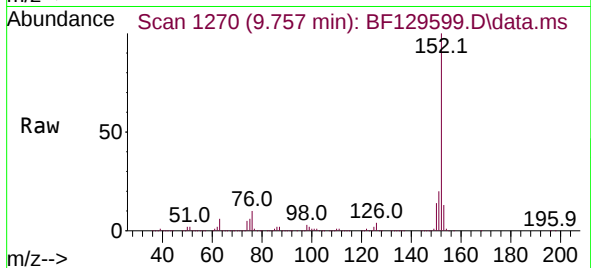
#49
Acenaphthylene
Concen: 38.614 ng
RT: 9.757 min Scan# 1276
Delta R.T. -0.000 min
Lab File: BF129599.D
Acq: 05 Aug 2022 13:40

Instrument :

BNA_F

ClientSampleId :

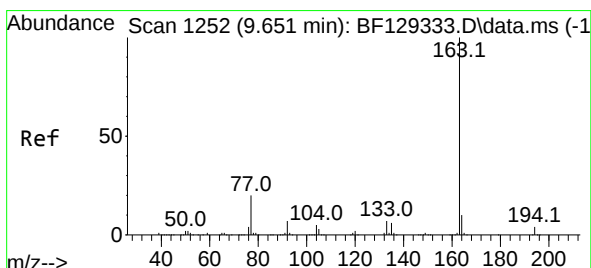
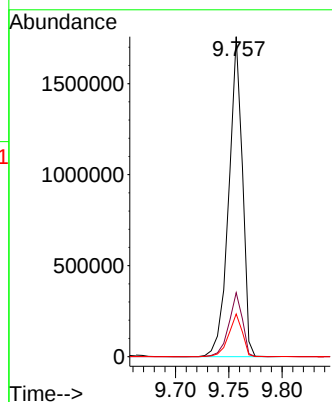
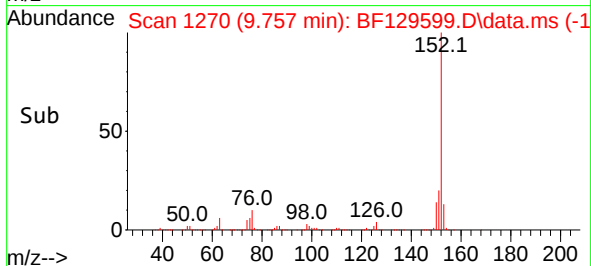
PB146537BS



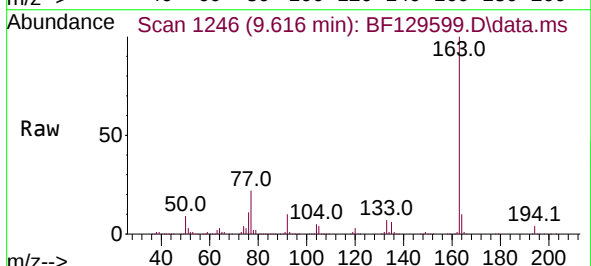
Tgt Ion:152 Resp: 1561041
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.4
153 13.3 10.7 16.1

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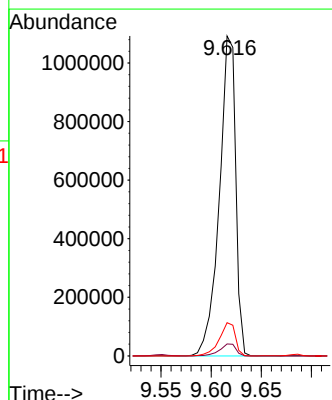
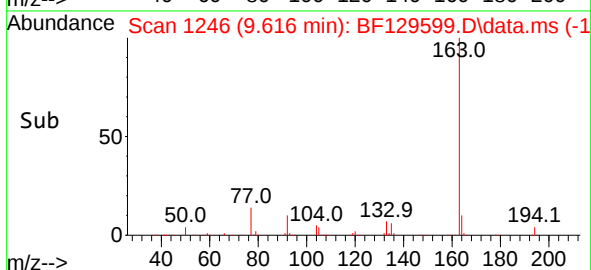
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022

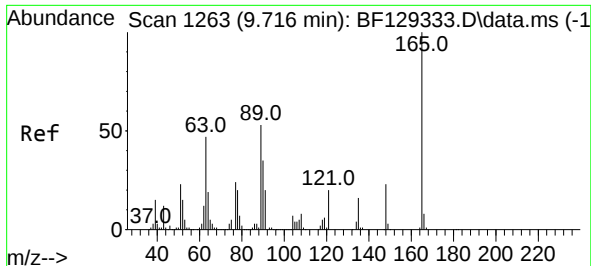


#50
Dimethylphthalate
Concen: 39.962 ng
RT: 9.616 min Scan# 1246
Delta R.T. -0.000 min
Lab File: BF129599.D
Acq: 05 Aug 2022 13:40



Tgt Ion:163 Resp: 1244064
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 10.4 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 39.829 ng

RT: 9.686 min Scan# 1258

Delta R.T. 0.006 min

Lab File: BF129599.D

Acq: 05 Aug 2022 13:40

Instrument :

BNA_F

ClientSampleId :

PB146537BS

Tgt Ion:165 Resp: 277516

Ion Ratio Lower Upper

165 100

63 51.2 44.9 67.3

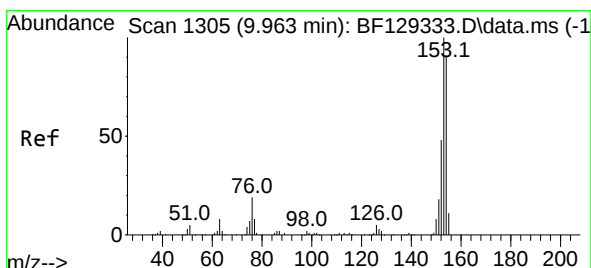
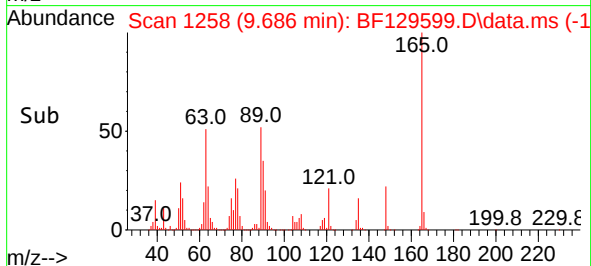
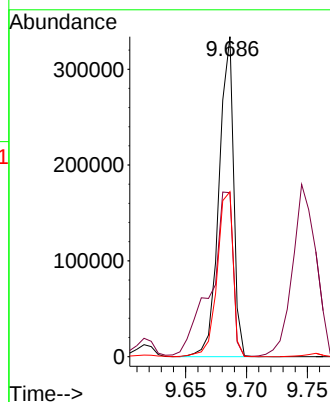
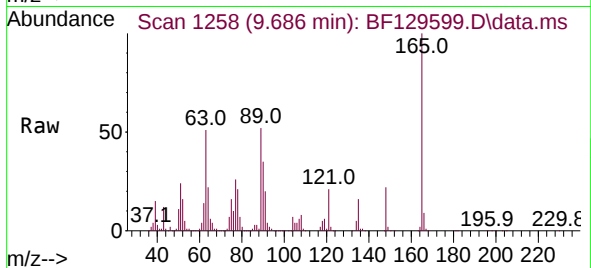
89 51.5 43.6 65.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/08/2022

Supervised By :Jagrut Upadhyay 08/08/2022



#52

Acenaphthene

Concen: 42.457 ng m

RT: 9.928 min Scan# 1299

Delta R.T. -0.000 min

Lab File: BF129599.D

Acq: 05 Aug 2022 13:40

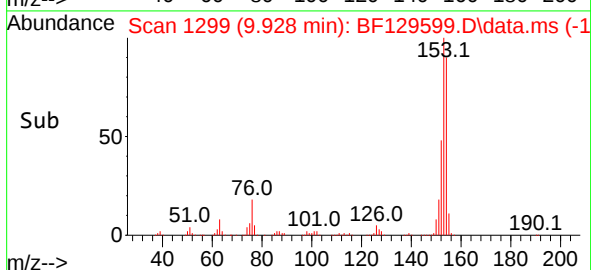
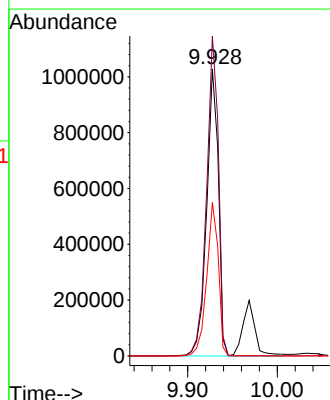
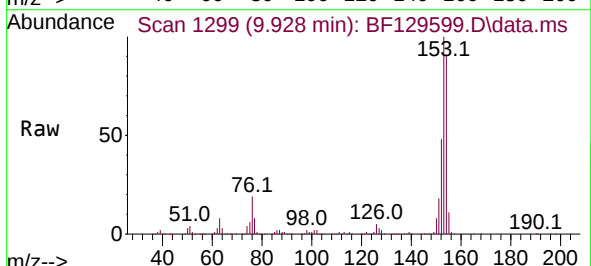
Tgt Ion:154 Resp: 1121045

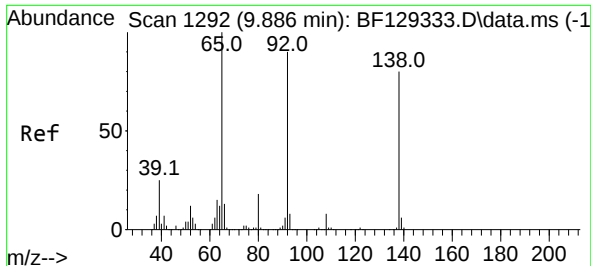
Ion Ratio Lower Upper

154 100

153 111.5 89.6 134.4

152 53.4 42.4 63.6





#53
3-Nitroaniline
Concen: 29.652 ng
RT: 9.857 min Scan# 110
Delta R.T. -0.000 min
Lab File: BF129599.D
Acq: 05 Aug 2022 13:40

Instrument :

BNA_F

ClientSampleId :

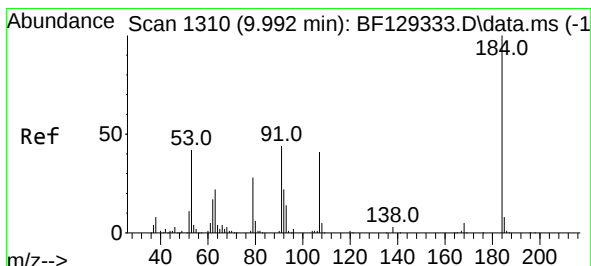
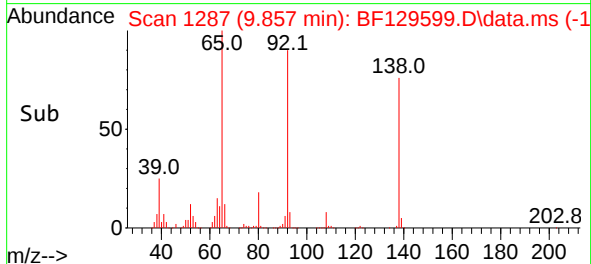
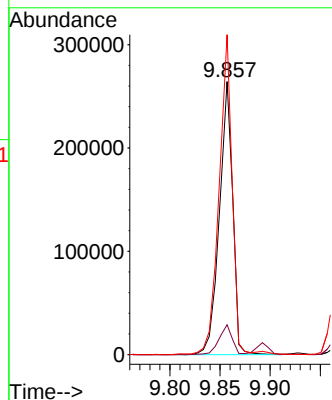
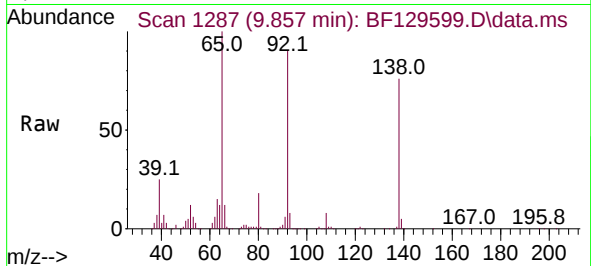
PB146537BS

Tgt Ion:138 Resp: 243972
Ion Ratio Lower Upper
138 100
108 10.9 10.9 16.3
92 117.2 98.2 147.2

Manual Integrations

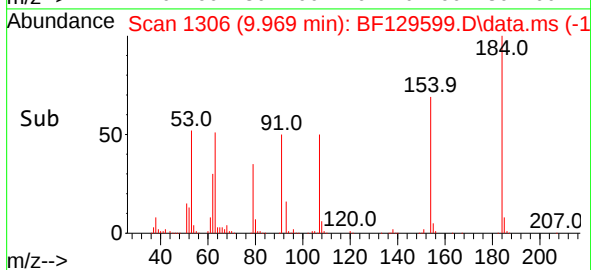
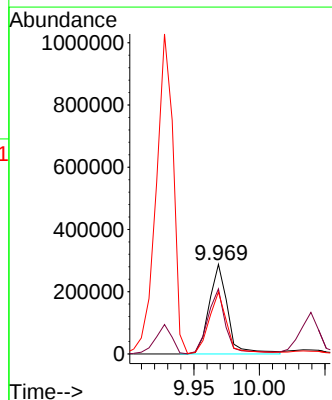
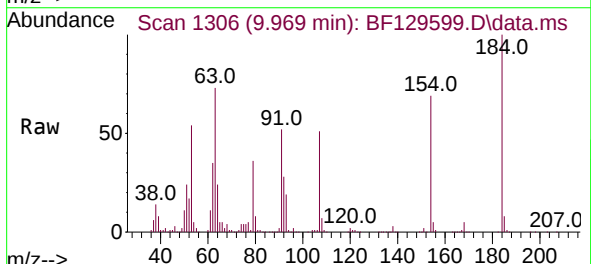
APPROVED

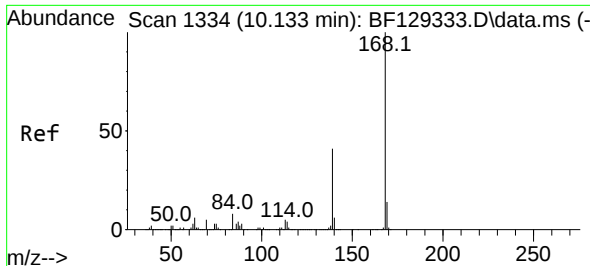
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022



#54
2,4-Dinitrophenol
Concen: 79.467 ng
RT: 9.969 min Scan# 1306
Delta R.T. 0.006 min
Lab File: BF129599.D
Acq: 05 Aug 2022 13:40

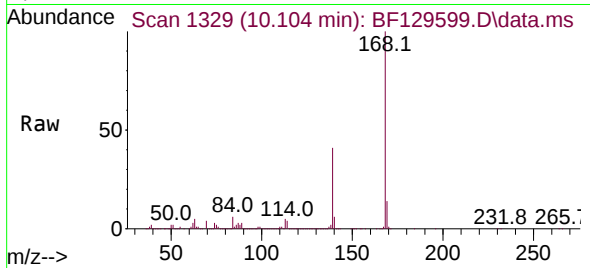
Tgt Ion:184 Resp: 282664
Ion Ratio Lower Upper
184 100
63 72.6 64.5 96.7
154 69.1 50.6 75.8





#55
Dibenzenofuran
Concen: 39.071 ng
RT: 10.104 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF129599.D
Acq: 05 Aug 2022 13:40

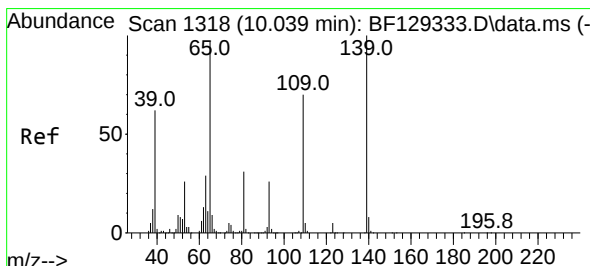
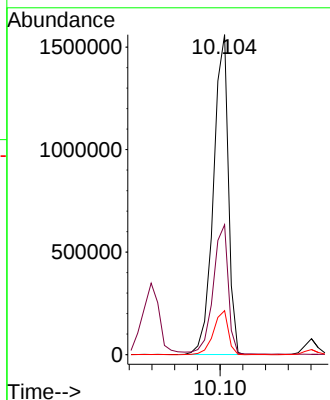
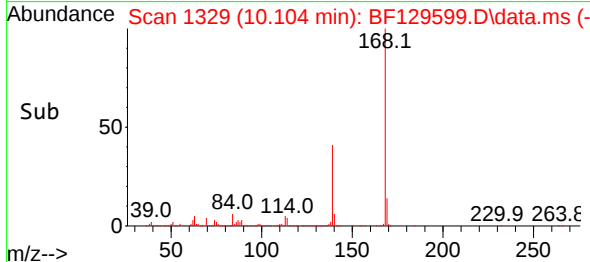
Instrument :
BNA_F
ClientSampleId :
PB146537BS



Tgt Ion:168 Resp: 1422130
Ion Ratio Lower Upper
168 100
139 40.6 30.6 46.0
169 13.7 11.0 16.6

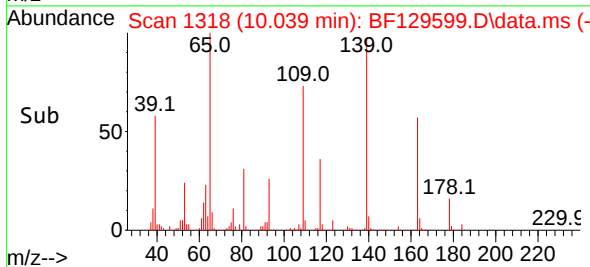
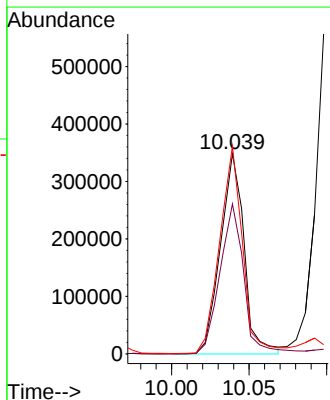
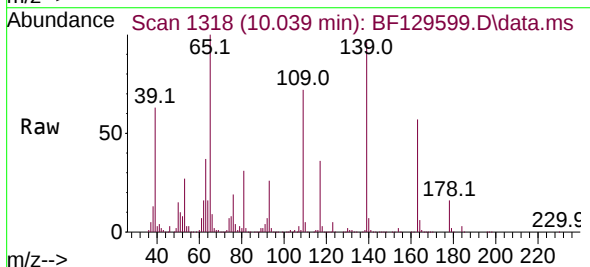
Manual Integrations
APPROVED

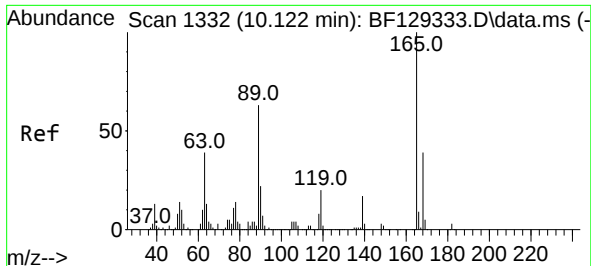
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022



#56
4-Nitrophenol
Concen: 60.888 ng
RT: 10.039 min Scan# 1318
Delta R.T. 0.006 min
Lab File: BF129599.D
Acq: 05 Aug 2022 13:40

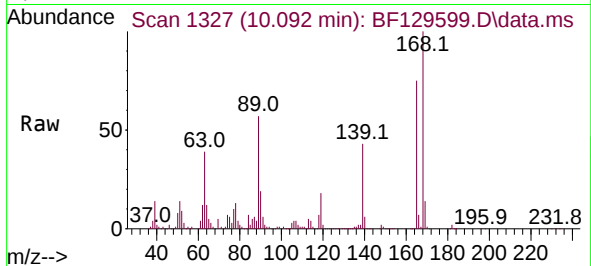
Tgt Ion:139 Resp: 369590
Ion Ratio Lower Upper
139 100
109 75.0 50.7 90.7
65 103.9 74.5 114.5





#57
2,4-Dinitrotoluene
Concen: 39.677 ng
RT: 10.092 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF129599.D
Acq: 05 Aug 2022 13:40

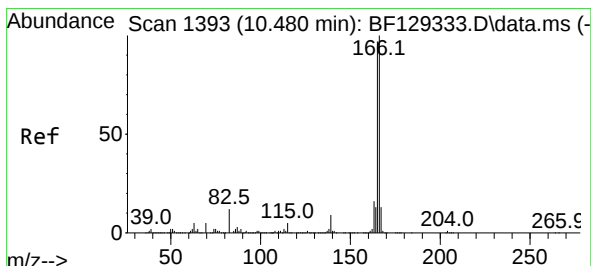
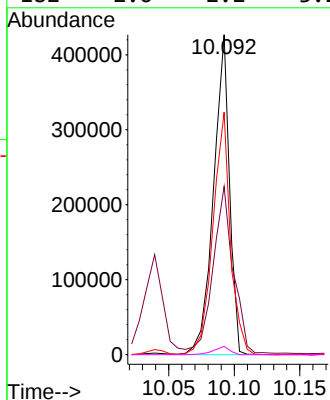
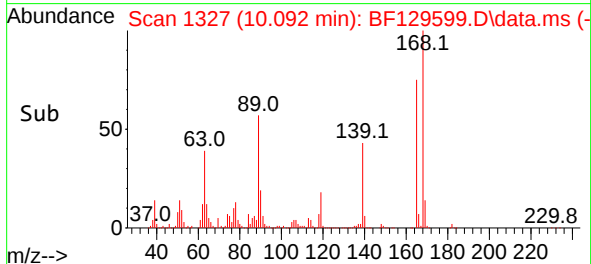
Instrument :
BNA_F
ClientSampleId :
PB146537BS



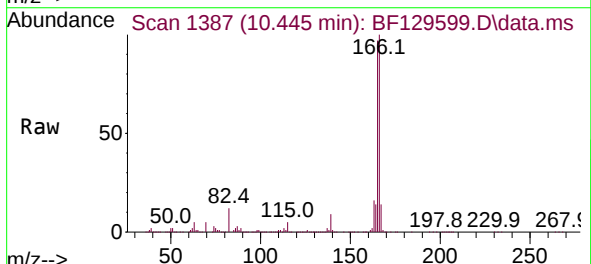
Tgt Ion:165 Resp: 361152
Ion Ratio Lower Upper
165 100
63 52.5 39.8 59.6
89 75.7 60.2 90.2
182 2.6 2.2 3.2

Manual Integrations
APPROVED

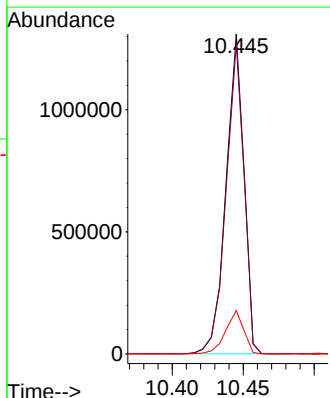
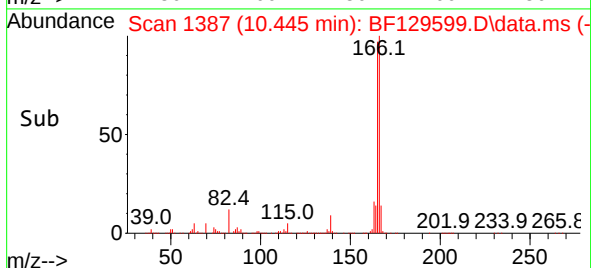
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022

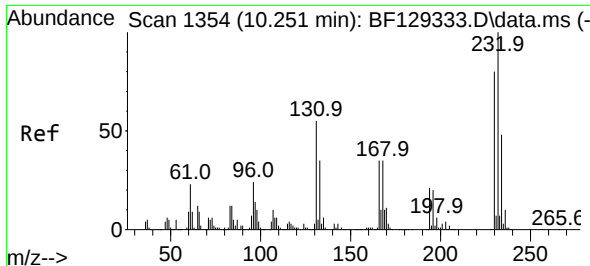


#58
Fluorene
Concen: 39.510 ng
RT: 10.445 min Scan# 1387
Delta R.T. -0.000 min
Lab File: BF129599.D
Acq: 05 Aug 2022 13:40



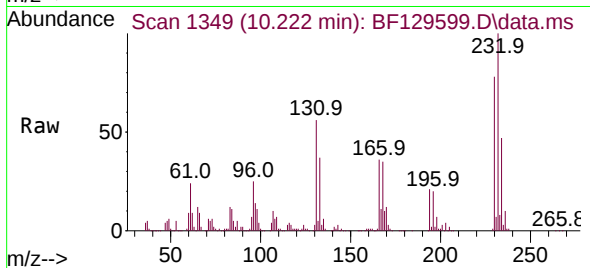
Tgt Ion:166 Resp: 1150677
Ion Ratio Lower Upper
166 100
165 97.0 78.1 117.1
167 13.5 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 37.119 ng
RT: 10.222 min Scan# 1349
Delta R.T. -0.000 min
Lab File: BF129599.D
Acq: 05 Aug 2022 13:40

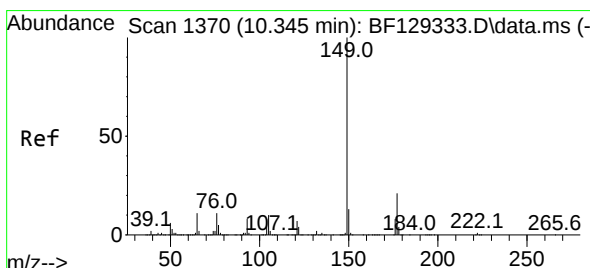
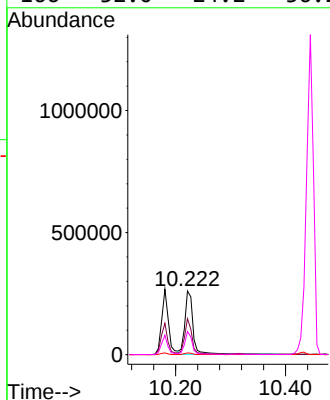
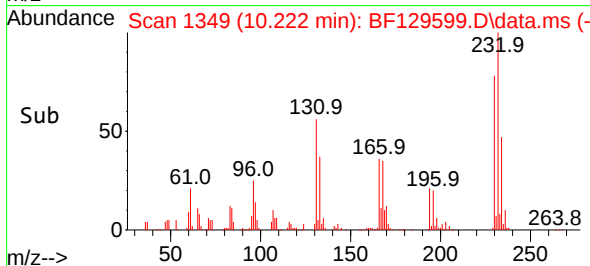
Instrument :
BNA_F
ClientSampleId :
PB146537BS



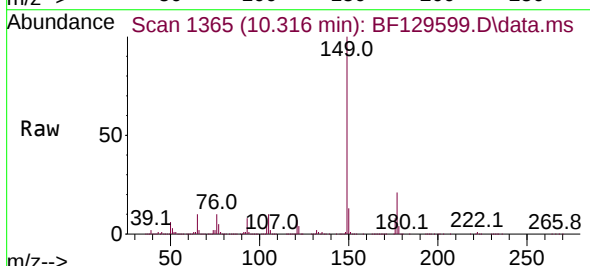
Tgt Ion:232 Resp: 268284
Ion Ratio Lower Upper
232 100
131 49.0 36.1 54.1
130 2.5 1.8 2.8
166 32.0 24.2 36.2

Manual Integrations
APPROVED

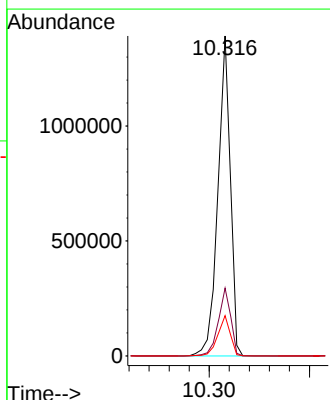
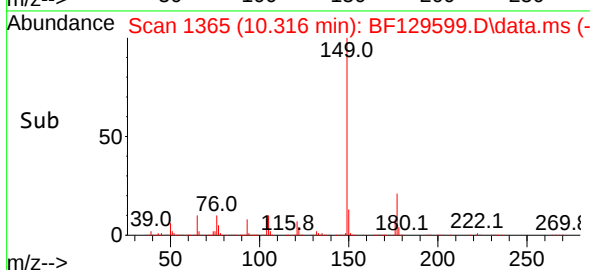
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022

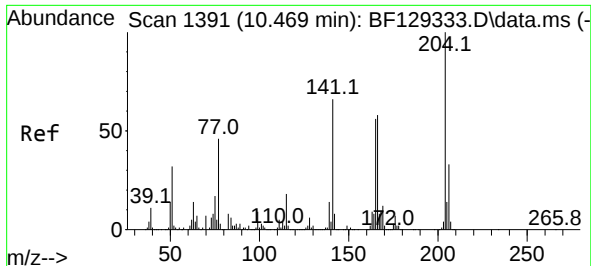


#60
Diethylphthalate
Concen: 39.930 ng
RT: 10.316 min Scan# 1365
Delta R.T. -0.000 min
Lab File: BF129599.D
Acq: 05 Aug 2022 13:40



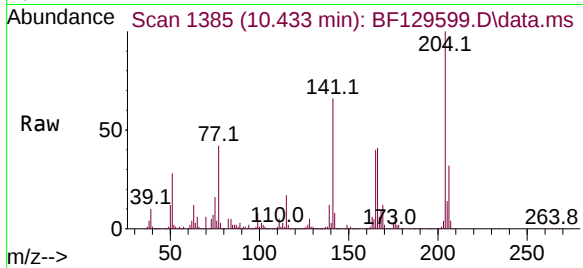
Tgt Ion:149 Resp: 1201652
Ion Ratio Lower Upper
149 100
177 21.2 17.3 25.9
150 12.6 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 40.953 ng
RT: 10.433 min Scan# 1385
Delta R.T. -0.000 min
Lab File: BF129599.D
Acq: 05 Aug 2022 13:40

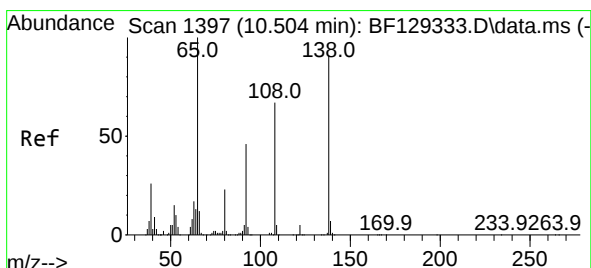
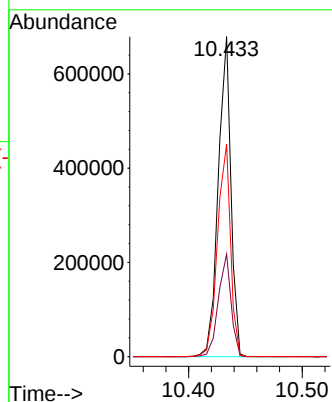
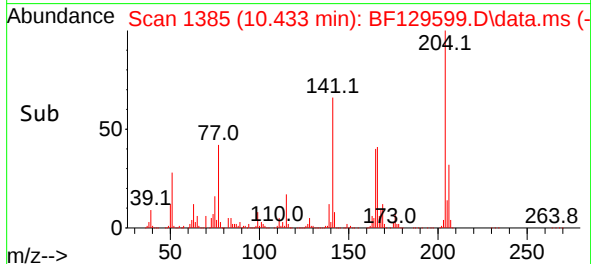
Instrument :
BNA_F
ClientSampleId :
PB146537BS



Tgt Ion:204 Resp: 525812
Ion Ratio Lower Upper
204 100
206 32.0 25.8 38.6
141 66.4 47.0 70.4

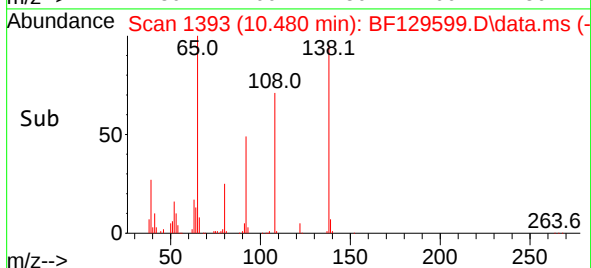
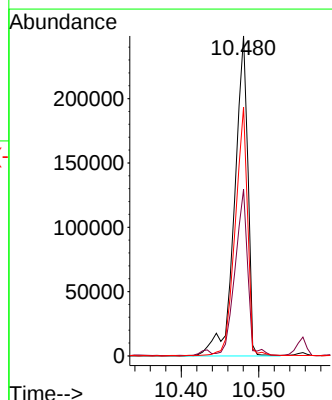
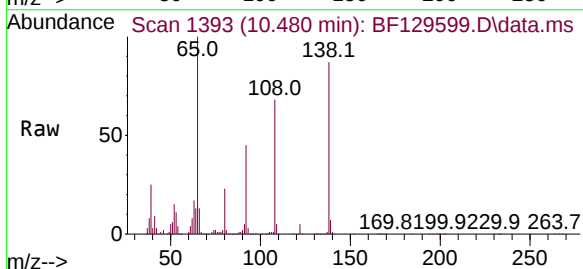
Manual Integrations
APPROVED

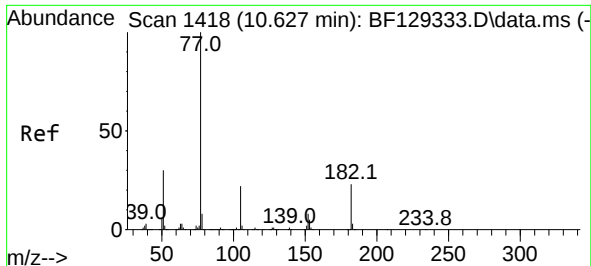
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022



#62
4-Nitroaniline
Concen: 36.441 ng
RT: 10.480 min Scan# 1393
Delta R.T. 0.006 min
Lab File: BF129599.D
Acq: 05 Aug 2022 13:40

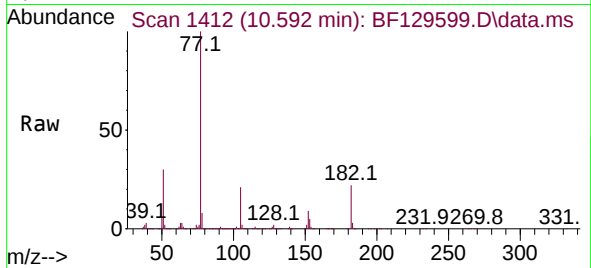
Tgt Ion:138 Resp: 297434
Ion Ratio Lower Upper
138 100
92 52.0 33.5 73.5
108 77.7 61.0 101.0





#63
Azobenzene
Concen: 38.031 ng
RT: 10.592 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF129599.D
Acq: 05 Aug 2022 13:40

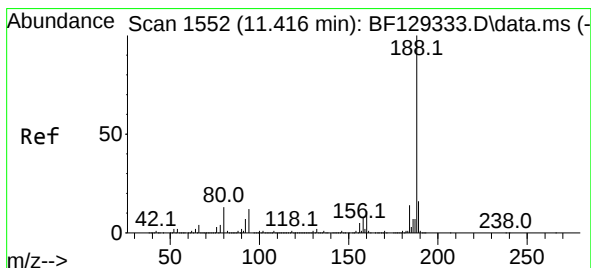
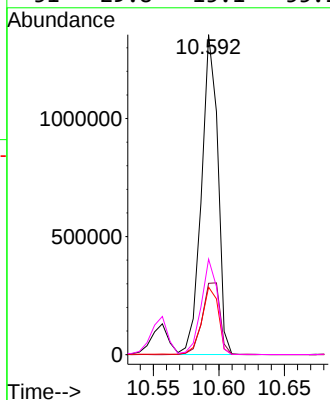
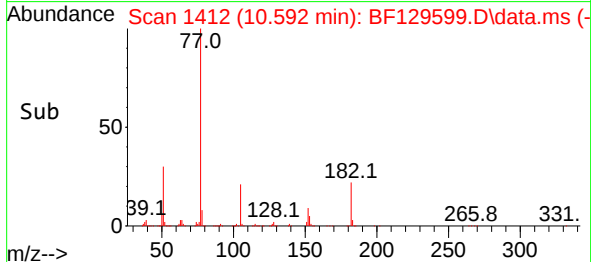
Instrument :
BNA_F
ClientSampleId :
PB146537BS



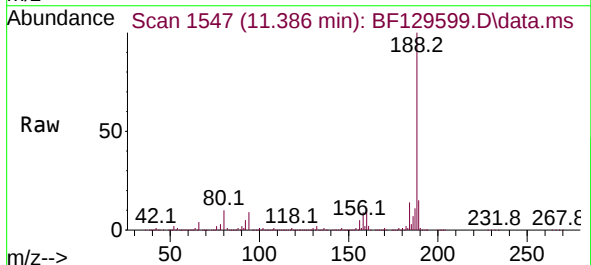
Tgt Ion: 77 Resp: 1167362
Ion Ratio Lower Upper
77 100
182 22.3 5.6 45.6
105 21.1 1.6 41.6
51 29.8 15.1 55.1

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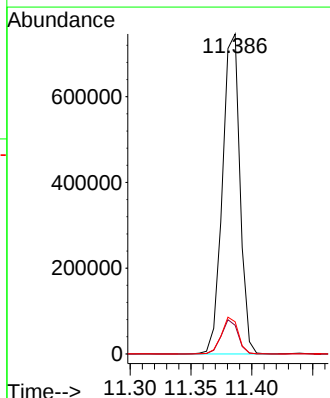
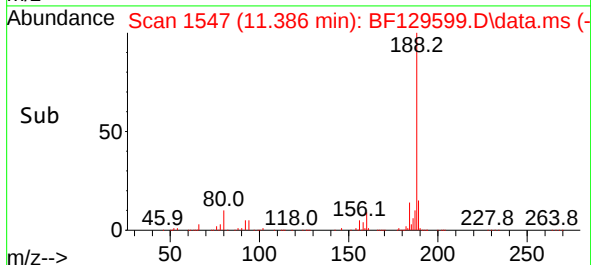
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022

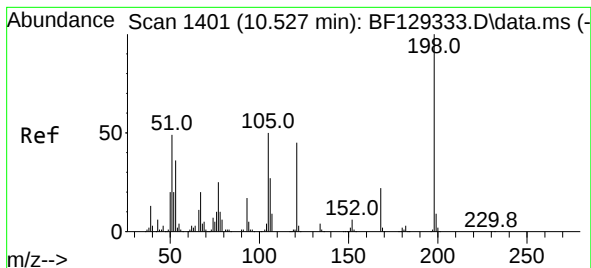


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1547
Delta R.T. 0.006 min
Lab File: BF129599.D
Acq: 05 Aug 2022 13:40



Tgt Ion:188 Resp: 746421
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.6
80 10.0 7.6 11.4





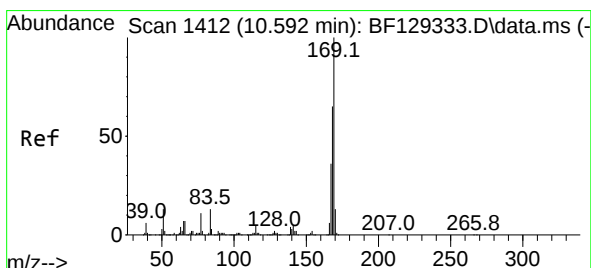
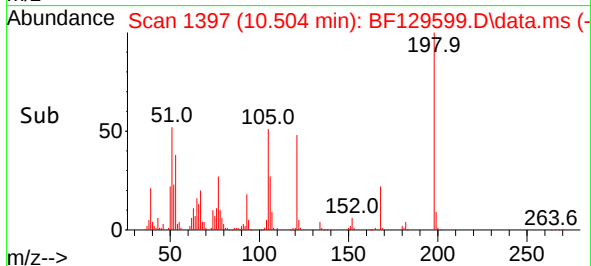
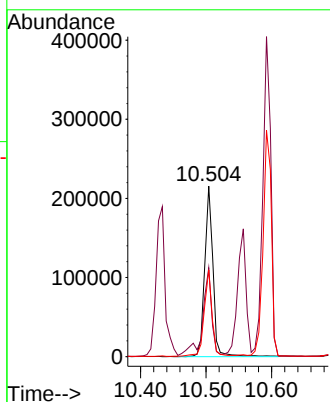
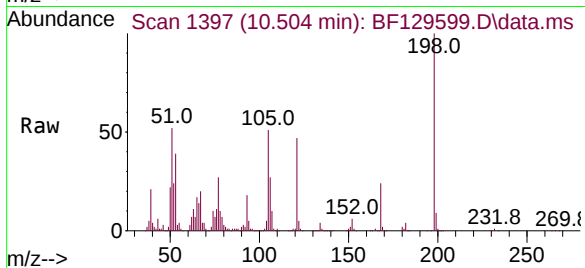
#65
4,6-Dinitro-2-methylphenol
Concen: 39.736 ng
RT: 10.504 min Scan# 1397
Delta R.T. -0.000 min
Lab File: BF129599.D
Acq: 05 Aug 2022 13:40

Instrument :
BNA_F
ClientSampleId :
PB146537BS

Tgt Ion:198 Resp: 187201
Ion Ratio Lower Upper
198 100
51 52.1 37.6 77.6
105 50.9 27.0 67.0

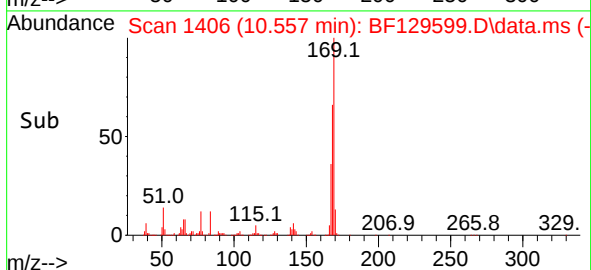
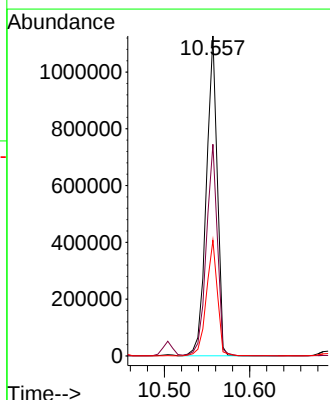
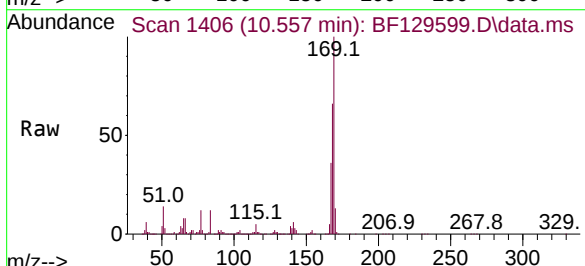
Manual Integrations
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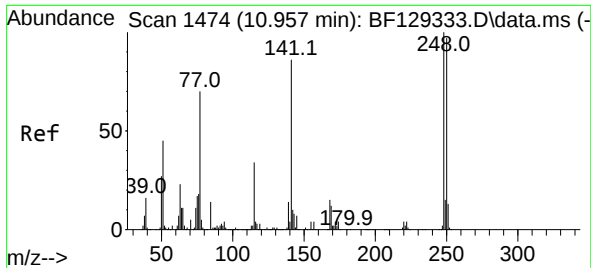
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022



#66
n-Nitrosodiphenylamine
Concen: 40.416 ng
RT: 10.557 min Scan# 1406
Delta R.T. -0.000 min
Lab File: BF129599.D
Acq: 05 Aug 2022 13:40

Tgt Ion:169 Resp: 1004633
Ion Ratio Lower Upper
169 100
168 66.1 50.1 75.1
167 36.1 27.9 41.9





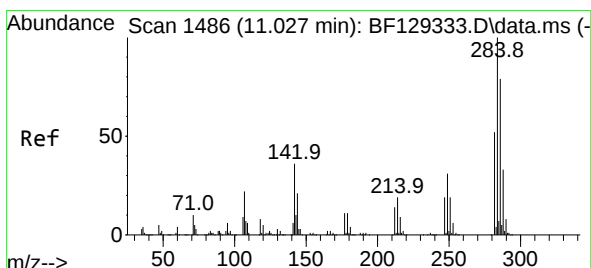
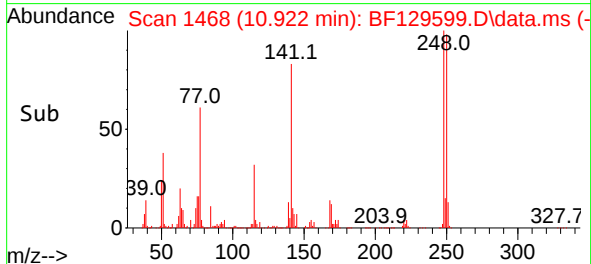
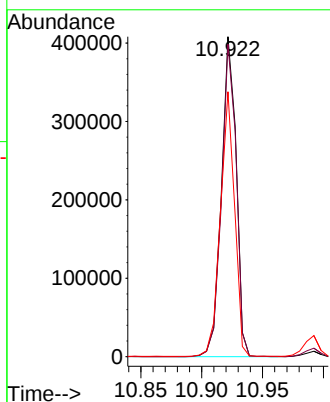
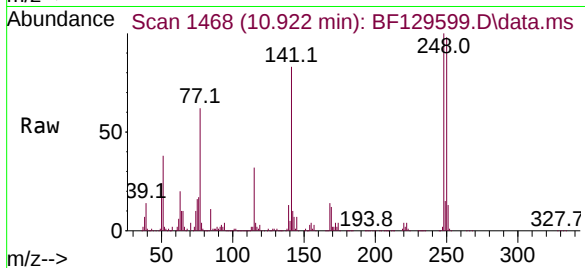
#67
4-Bromophenyl-phenylether
Concen: 41.927 ng
RT: 10.922 min Scan# 1474
Delta R.T. -0.000 min
Lab File: BF129599.D
Acq: 05 Aug 2022 13:40

Instrument :
BNA_F
ClientSampleId :
PB146537BS

Tgt Ion:248 Resp: 342690
Ion Ratio Lower Upper
248 100
250 97.6 80.6 120.8
141 82.8 58.9 88.3

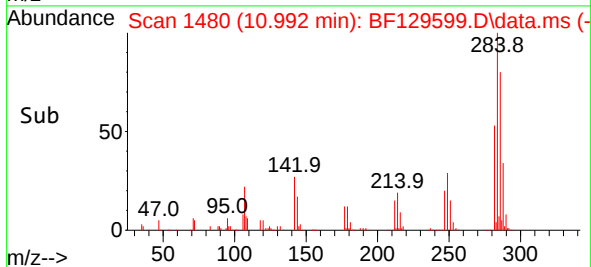
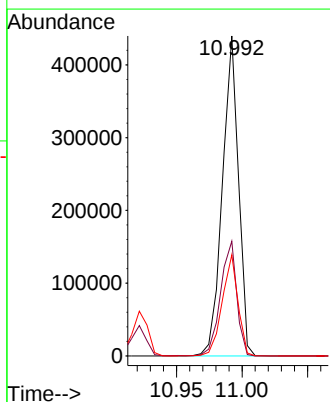
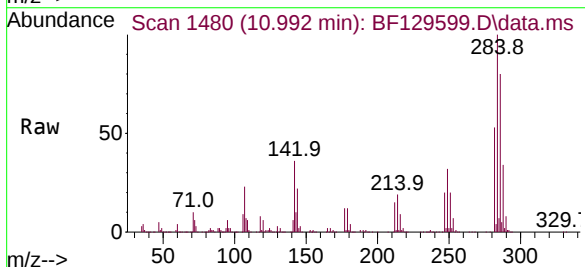
Manual Integrations
APPROVED

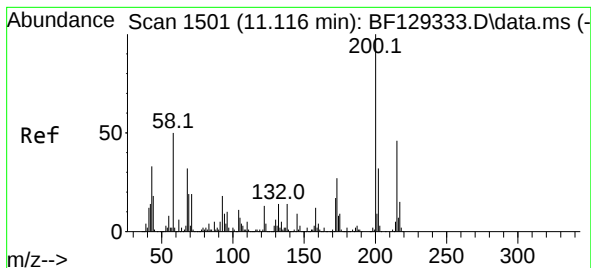
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022



#68
Hexachlorobenzene
Concen: 42.396 ng
RT: 10.992 min Scan# 1480
Delta R.T. -0.000 min
Lab File: BF129599.D
Acq: 05 Aug 2022 13:40

Tgt Ion:284 Resp: 375473
Ion Ratio Lower Upper
284 100
142 35.8 29.0 43.4
249 31.6 25.0 37.6





#69

Atrazine

Concen: 44.094 ng

RT: 11.086 min Scan# 14

Delta R.T. 0.006 min

Lab File: BF129599.D

Acq: 05 Aug 2022 13:40

Instrument :

BNA_F

ClientSampleId :

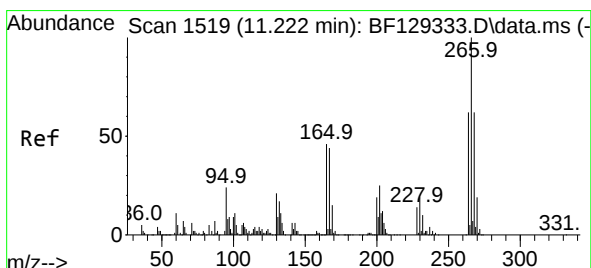
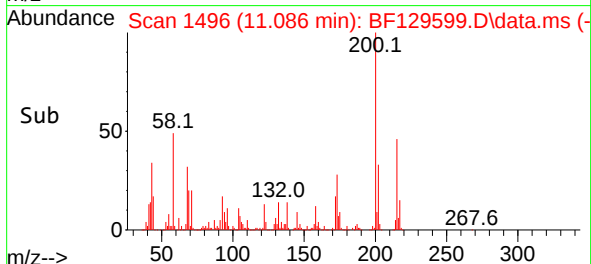
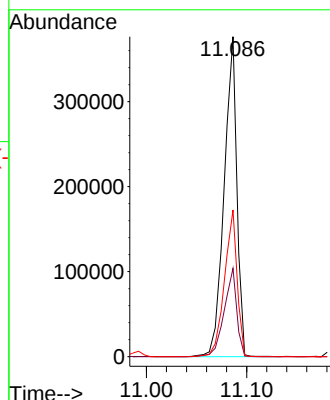
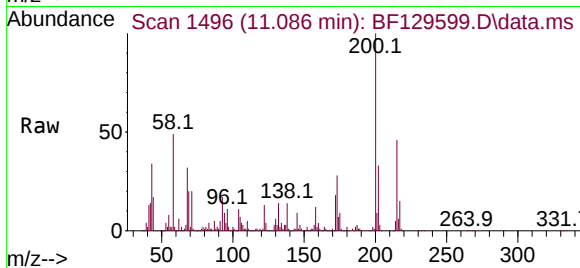
PB146537BS

Tgt Ion:200 Resp: 332923
 Ion Ratio Lower Upper
 200 100
 173 27.6 6.3 46.3
 215 45.8 28.3 68.3

Manual Integrations

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



#70

Pentachlorophenol

Concen: 67.268 ng

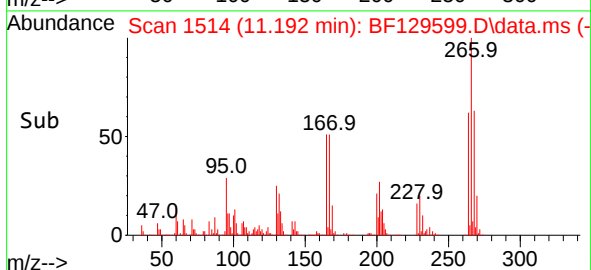
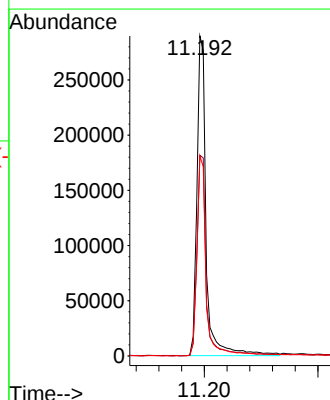
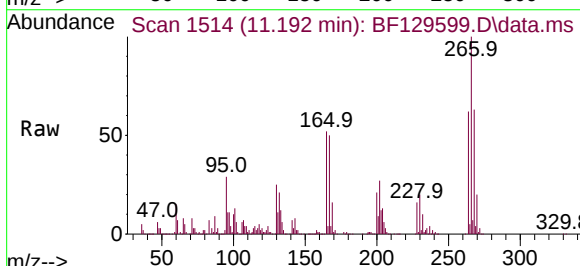
RT: 11.192 min Scan# 1514

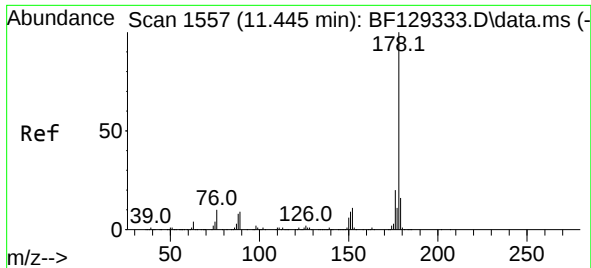
Delta R.T. -0.000 min

Lab File: BF129599.D

Acq: 05 Aug 2022 13:40

Tgt Ion:266 Resp: 323863
 Ion Ratio Lower Upper
 266 100
 268 62.7 51.0 76.4
 264 62.5 49.4 74.2





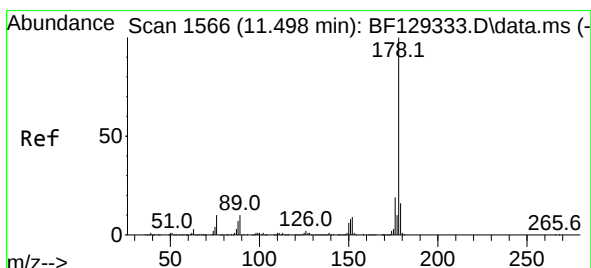
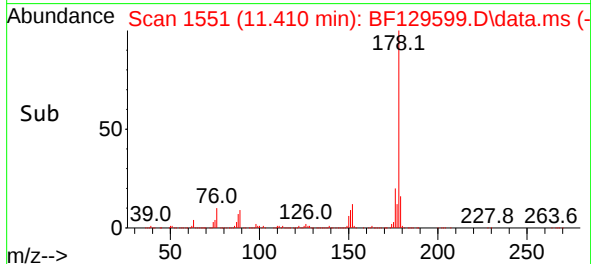
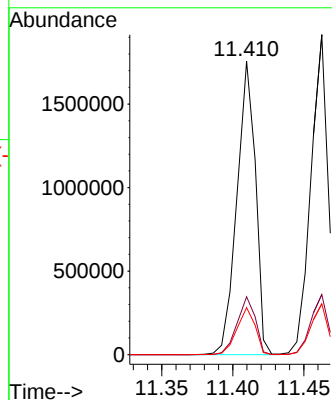
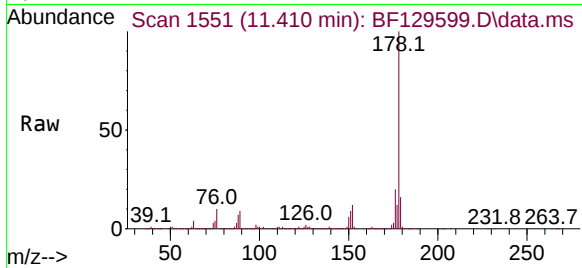
#71
Phenanthrene
Concen: 39.196 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129599.D
Acq: 05 Aug 2022 13:40

Instrument :
BNA_F
ClientSampleId :
PB146537BS

Tgt Ion:178 Resp: 1597049
Ion Ratio Lower Upper
178 100
176 19.7 16.0 24.0
179 16.0 12.6 19.0

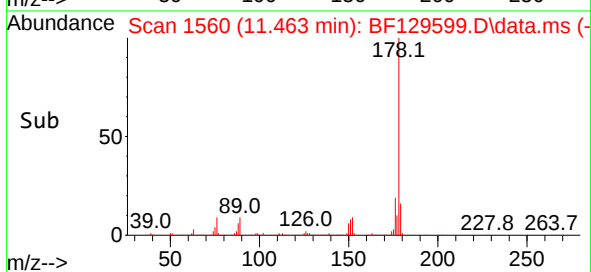
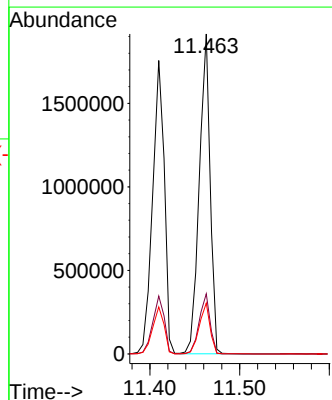
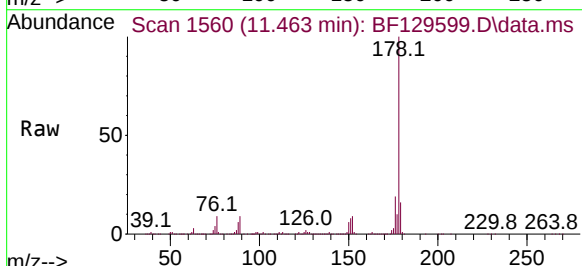
Manual Integrations
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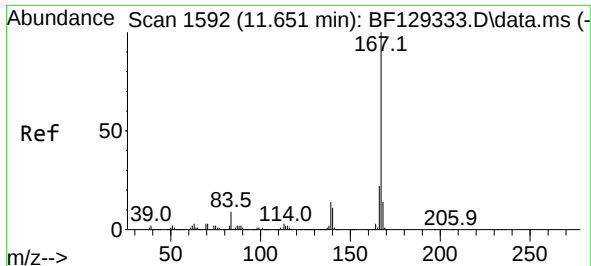
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022



#72
Anthracene
Concen: 40.280 ng
RT: 11.463 min Scan# 1560
Delta R.T. -0.000 min
Lab File: BF129599.D
Acq: 05 Aug 2022 13:40

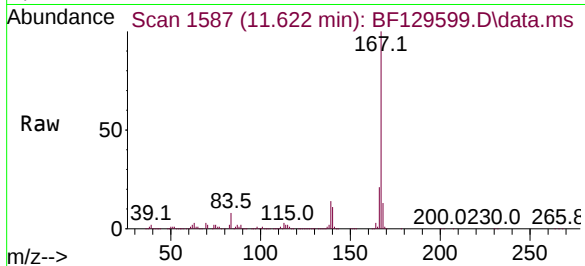
Tgt Ion:178 Resp: 1612834
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 15.9 12.6 19.0





#73
 Carbazole
 Concen: 39.835 ng
 RT: 11.622 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF129599.D
 Acq: 05 Aug 2022 13:40

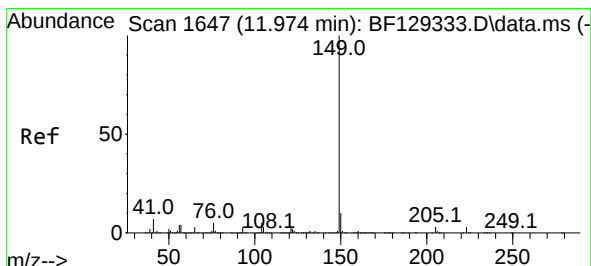
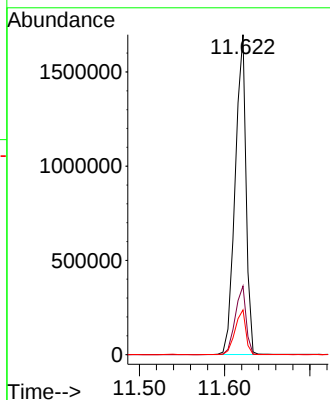
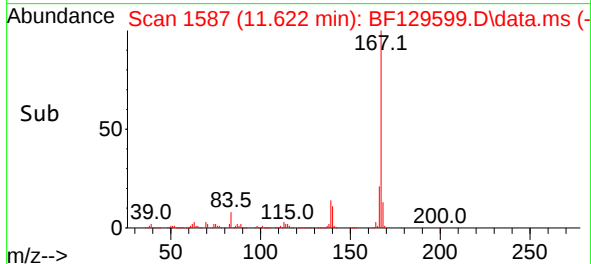
Instrument :
 BNA_F
 ClientSampleId :
 PB146537BS



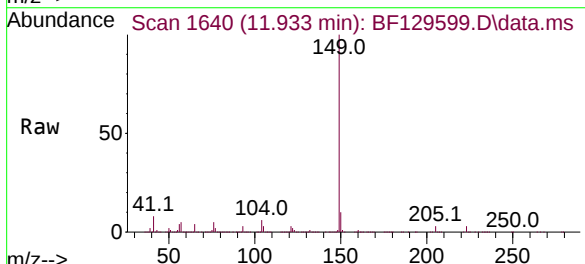
Tgt Ion:167 Resp: 1501463
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.7 26.5
 139 14.0 11.2 16.8

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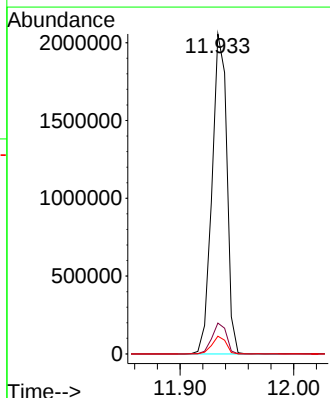
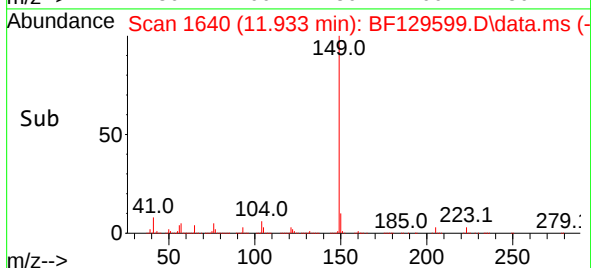
Reviewed By :Christian Giraldo 08/08/2022
 Supervised By :Jagrut Upadhyay 08/08/2022

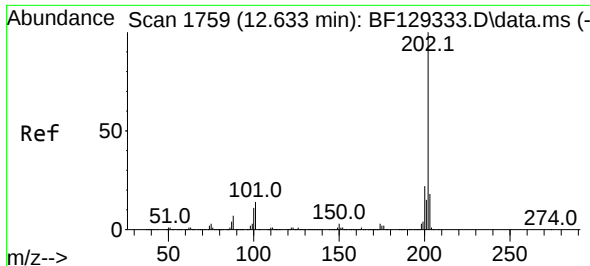


#74
 Di-n-butylphthalate
 Concen: 41.585 ng
 RT: 11.933 min Scan# 1640
 Delta R.T. -0.000 min
 Lab File: BF129599.D
 Acq: 05 Aug 2022 13:40



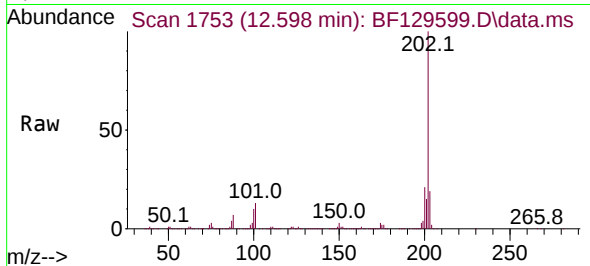
Tgt Ion:149 Resp: 1866600
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.5 11.3
 104 5.5 4.4 6.6





#75
Fluoranthene
Concen: 40.236 ng
RT: 12.598 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129599.D
Acq: 05 Aug 2022 13:40

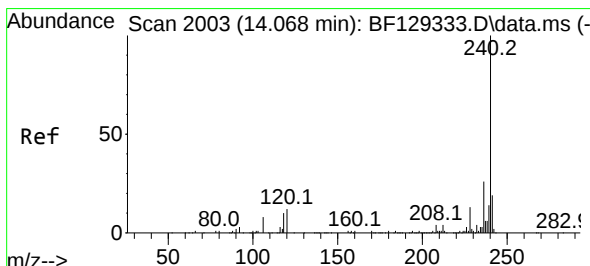
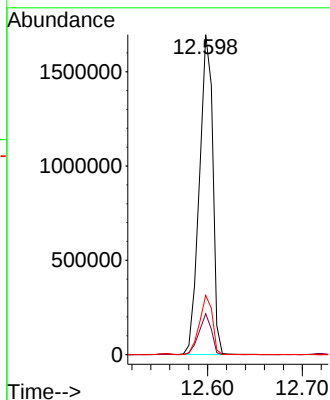
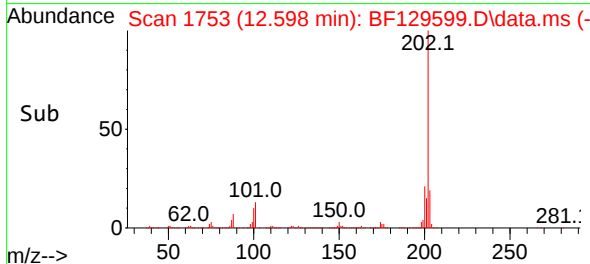
Instrument :
BNA_F
ClientSampleId :
PB146537BS



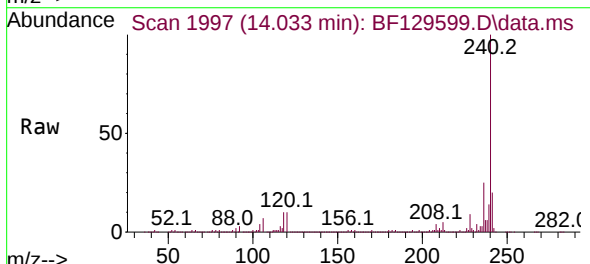
Tgt Ion:202 Resp: 1661091
Ion Ratio Lower Upper
202 100
101 12.8 0.0 31.4
203 18.5 0.0 38.0

Manual Integrations
APPROVED

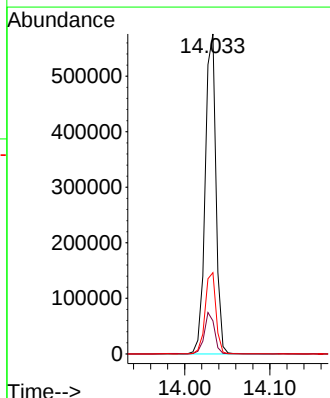
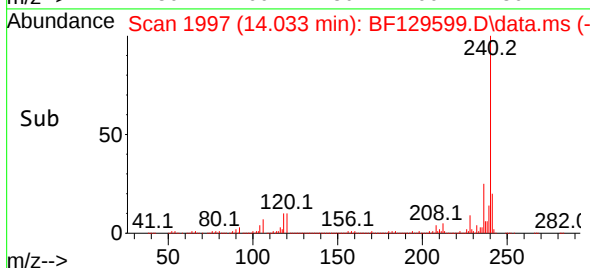
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022

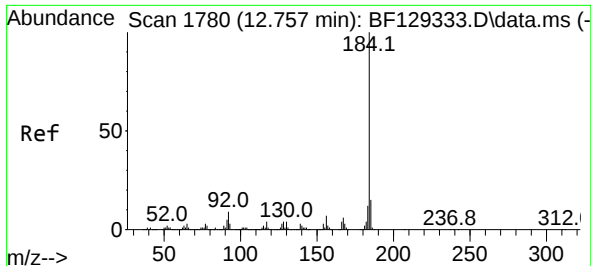


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 1997
Delta R.T. 0.006 min
Lab File: BF129599.D
Acq: 05 Aug 2022 13:40



Tgt Ion:240 Resp: 505397
Ion Ratio Lower Upper
240 100
120 10.3 8.9 13.3
236 25.4 20.8 31.2





#77
Benzidine
Concen: 38.082 ng
RT: 12.721 min Scan# 1774
Delta R.T. -0.000 min
Lab File: BF129599.D
Acq: 05 Aug 2022 13:40

Instrument :

BNA_F

ClientSampleId :

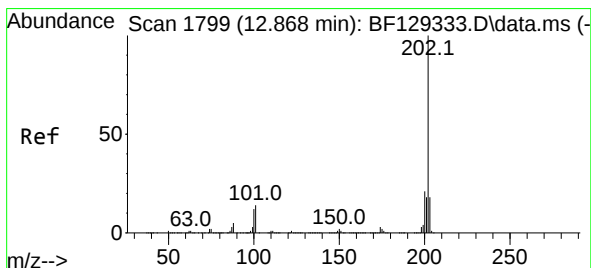
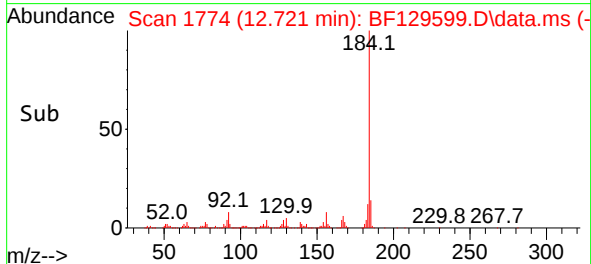
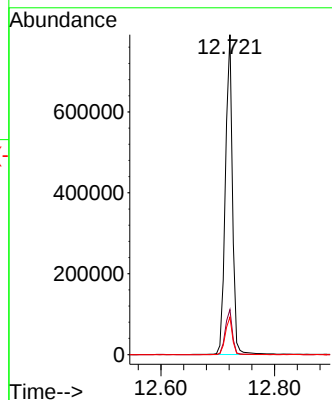
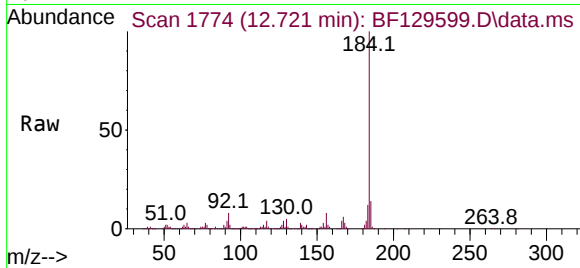
PB146537BS

Tgt Ion:184 Resp: 679935
Ion Ratio Lower Upper
184 100
185 14.1 11.9 17.9
183 11.7 9.3 13.9

Manual Integrations

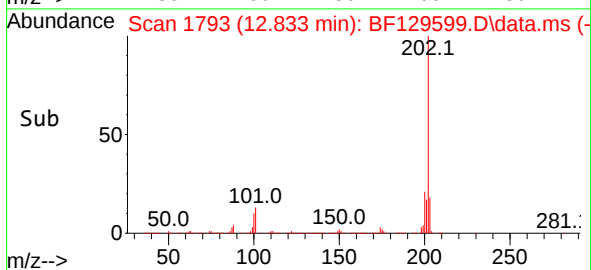
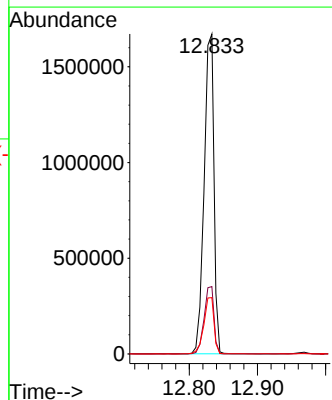
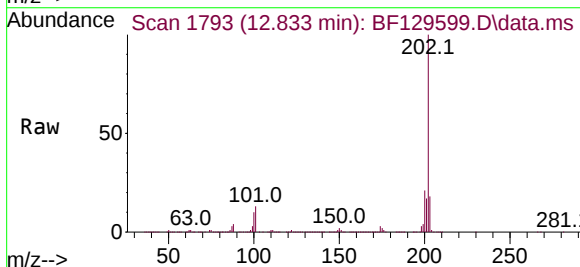
APPROVED

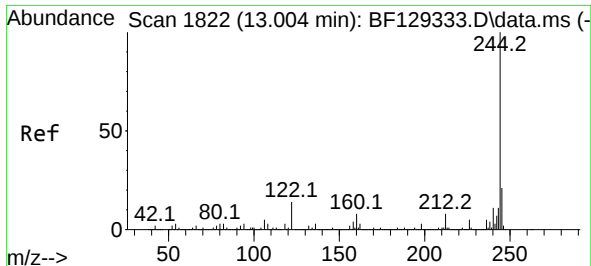
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022



#78
Pyrene
Concen: 39.617 ng
RT: 12.833 min Scan# 1793
Delta R.T. 0.006 min
Lab File: BF129599.D
Acq: 05 Aug 2022 13:40

Tgt Ion:202 Resp: 1674336
Ion Ratio Lower Upper
202 100
200 21.0 17.7 26.5
203 17.6 14.6 21.8





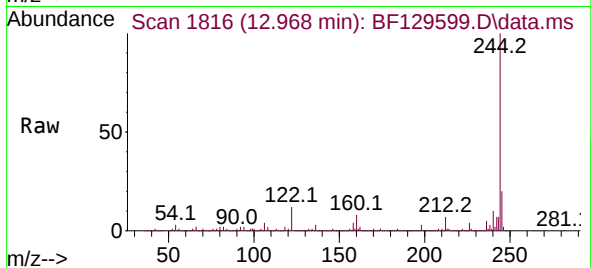
#79
Terphenyl-d14
Concen: 84.171 ng
RT: 12.968 min Scan# 1816
Delta R.T. -0.000 min
Lab File: BF129599.D
Acq: 05 Aug 2022 13:40

Instrument :

BNA_F

ClientSampleId :

PB146537BS

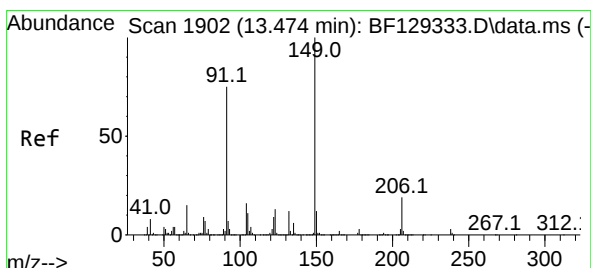
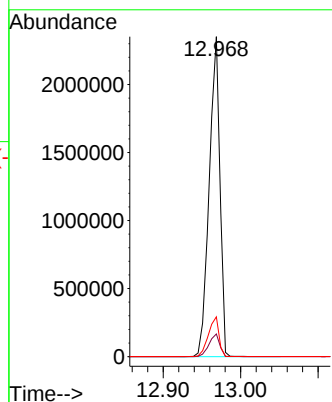
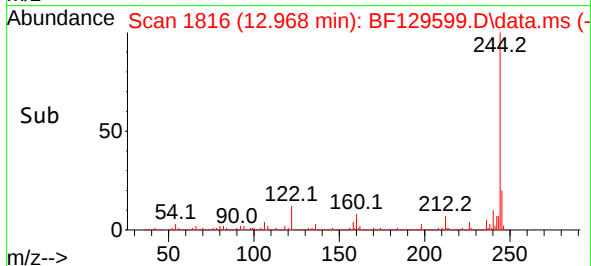


Tgt Ion:244 Resp: 2254852
Ion Ratio Lower Upper
244 100
212 7.1 6.1 9.1
122 12.4 8.8 13.2

Manual Integrations

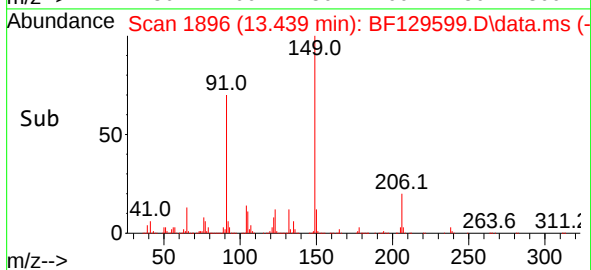
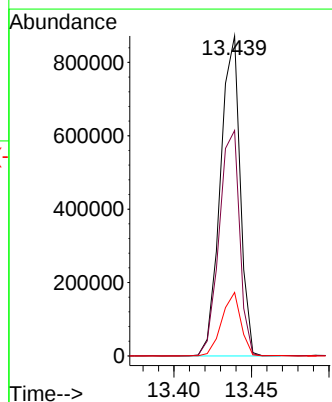
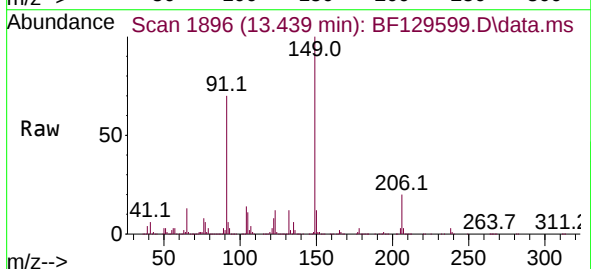
APPROVED

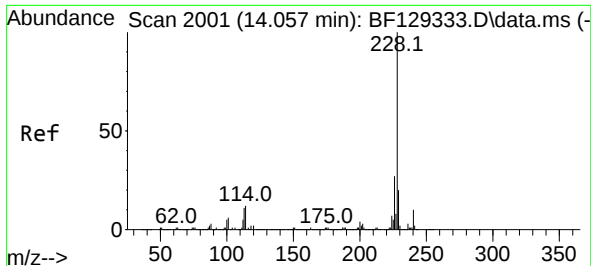
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022



#80
Butylbenzylphthalate
Concen: 42.227 ng
RT: 13.439 min Scan# 1896
Delta R.T. -0.000 min
Lab File: BF129599.D
Acq: 05 Aug 2022 13:40

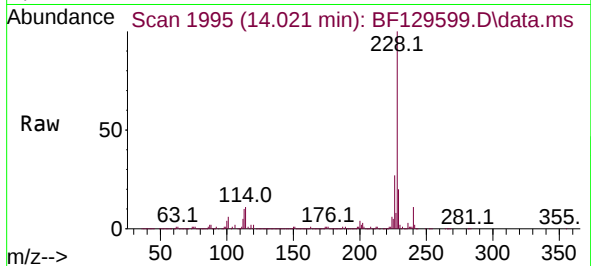
Tgt Ion:149 Resp: 774085
Ion Ratio Lower Upper
149 100
91 70.4 61.2 91.8
206 19.8 15.7 23.5





#81
Benzo(a)anthracene
Concen: 39.574 ng
RT: 14.021 min Scan# 1995
Delta R.T. 0.006 min
Lab File: BF129599.D
Acq: 05 Aug 2022 13:40

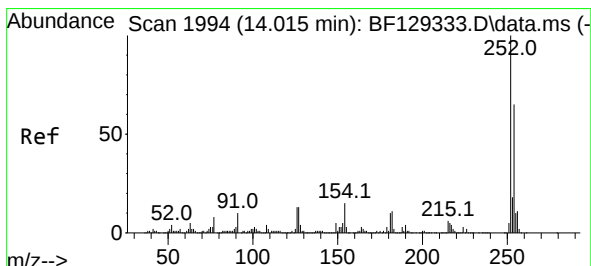
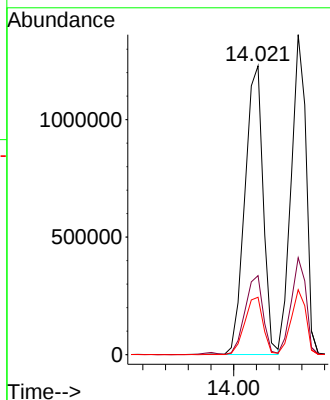
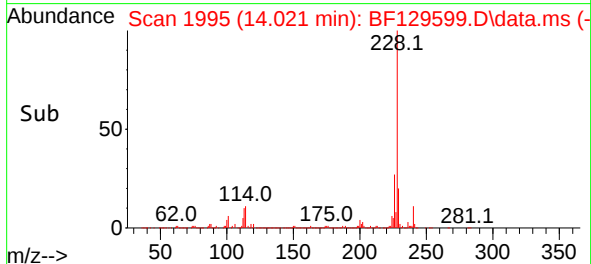
Instrument :
BNA_F
ClientSampleId :
PB146537BS



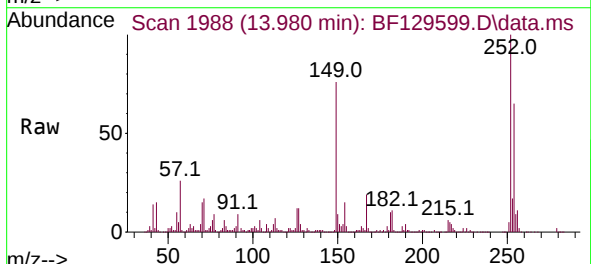
Tgt Ion:228 Resp: 1366223
Ion Ratio Lower Upper
228 100
226 27.3 22.1 33.1
229 19.9 15.8 23.8

Manual Integrations
APPROVED

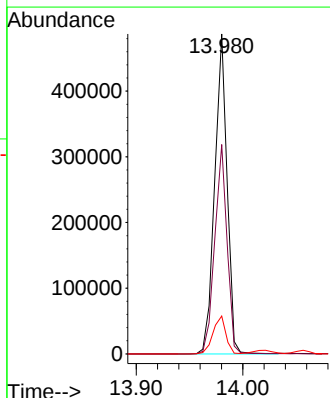
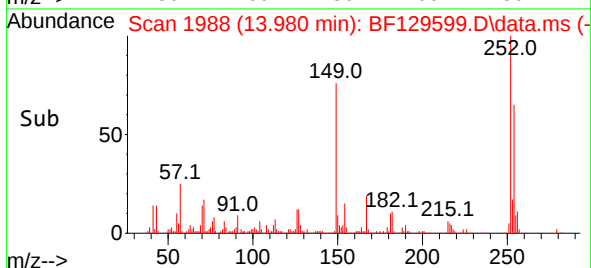
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022

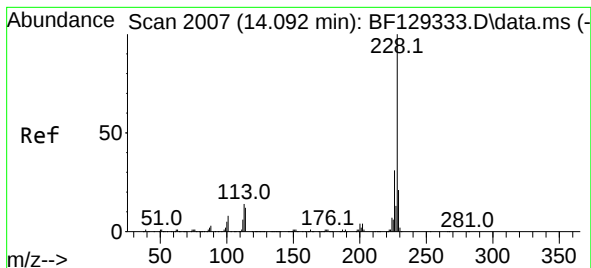


#82
3,3'-Dichlorobenzidine
Concen: 34.552 ng
RT: 13.980 min Scan# 1988
Delta R.T. -0.000 min
Lab File: BF129599.D
Acq: 05 Aug 2022 13:40



Tgt Ion:252 Resp: 393843
Ion Ratio Lower Upper
252 100
254 65.4 50.2 75.4
126 11.8 8.2 12.4





#83

Chrysene

Concen: 38.258 ng

RT: 14.057 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF129599.D

Acq: 05 Aug 2022 13:40

Instrument :

BNA_F

ClientSampleId :

PB146537BS

Tgt Ion:228 Resp: 1244792

Ion Ratio Lower Upper

228 100

226 30.3 24.3 36.5

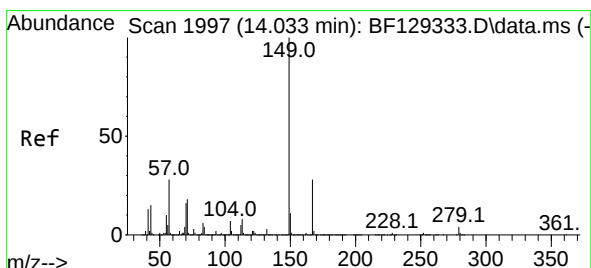
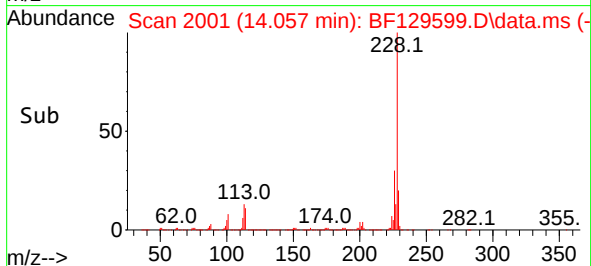
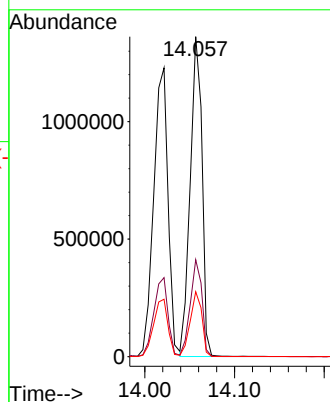
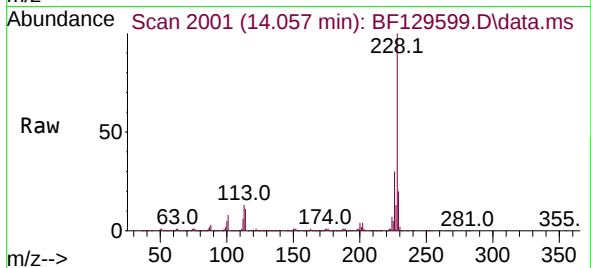
229 20.3 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/08/2022

Supervised By :Jagrut Upadhyay 08/08/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.246 ng

RT: 13.992 min Scan# 1990

Delta R.T. 0.006 min

Lab File: BF129599.D

Acq: 05 Aug 2022 13:40

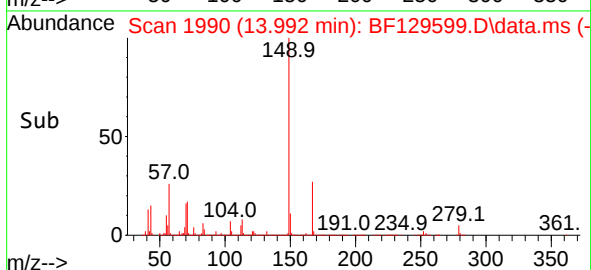
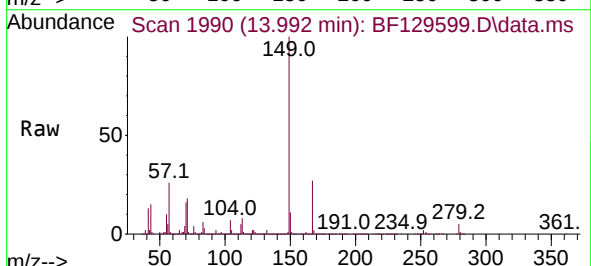
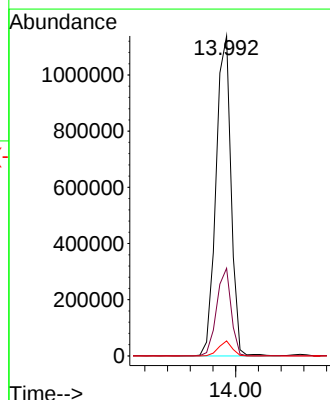
Tgt Ion:149 Resp: 1043699

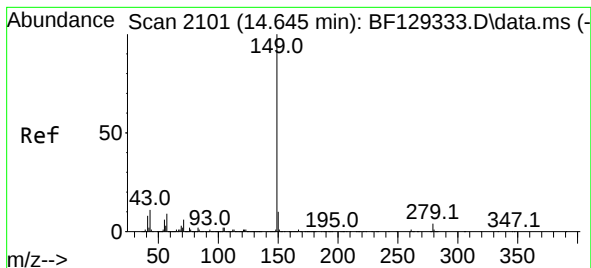
Ion Ratio Lower Upper

149 100

167 27.4 21.0 31.4

279 4.7 3.1 4.7#





#85

Di-n-octyl phthalate

Concen: 44.356 ng

RT: 14.604 min Scan# 2094

Delta R.T. -0.000 min

Lab File: BF129599.D

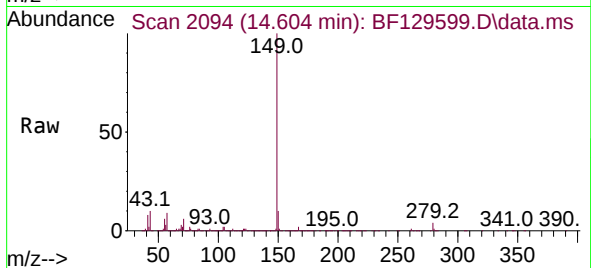
Acq: 05 Aug 2022 13:40

Instrument :

BNA_F

ClientSampleId :

PB146537BS



Tgt Ion:149 Resp: 1540429

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

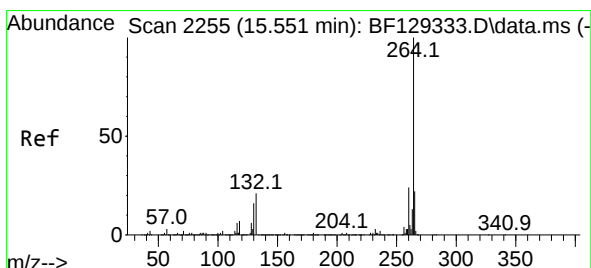
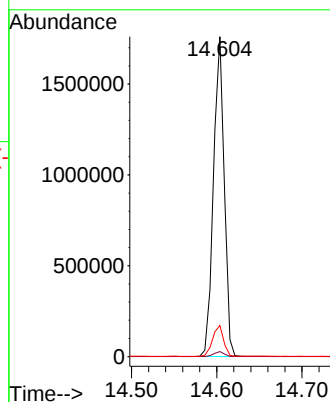
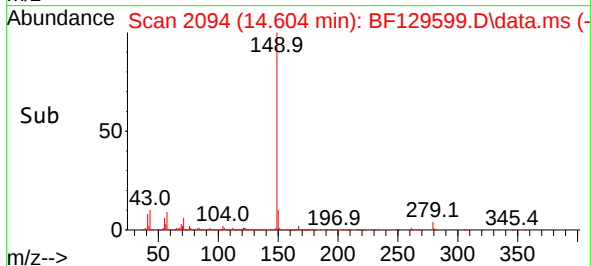
43 9.8 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/08/2022

Supervised By :Jagrut Upadhyay 08/08/2022



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 2247

Delta R.T. -0.000 min

Lab File: BF129599.D

Acq: 05 Aug 2022 13:40

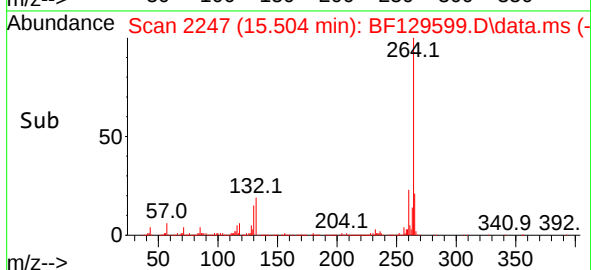
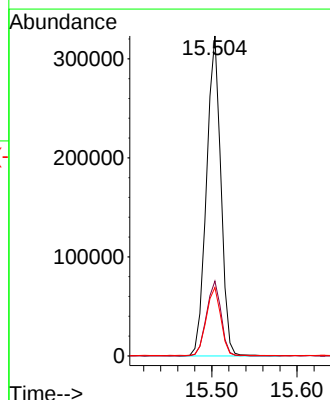
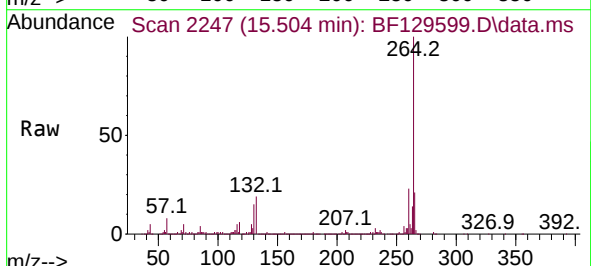
Tgt Ion:264 Resp: 377567

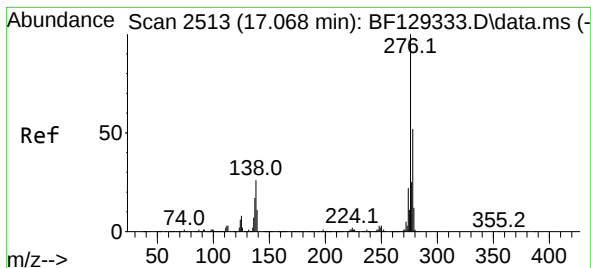
Ion Ratio Lower Upper

264 100

260 23.4 18.4 27.6

265 21.4 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.543 ng

RT: 17.004 min Scan# 2174

Delta R.T. 0.006 min

Lab File: BF129599.D

Acq: 05 Aug 2022 13:40

Instrument :

BNA_F

ClientSampleId :

PB146537BS

Tgt Ion:276 Resp: 1030826

Ion Ratio Lower Upper

276 100

138 26.1 21.1 31.7

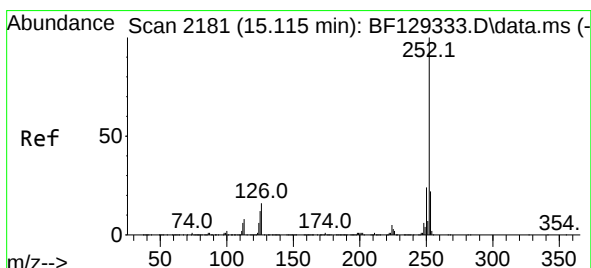
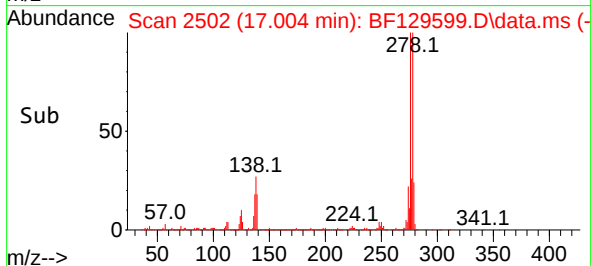
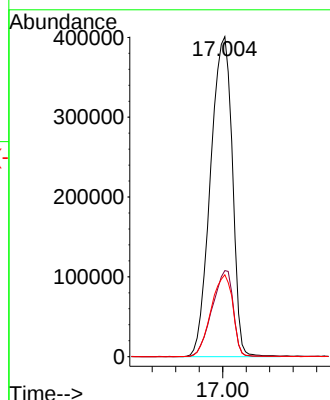
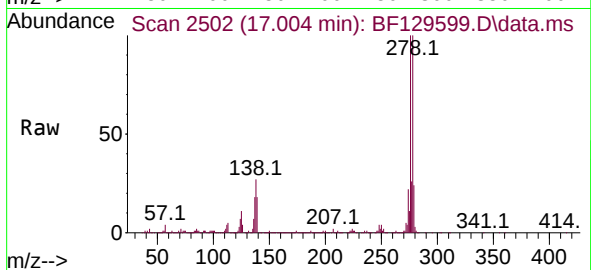
277 25.6 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/08/2022

Supervised By :Jagrut Upadhyay 08/08/2022



#88

Benzo(b)fluoranthene

Concen: 44.877 ng

RT: 15.074 min Scan# 2174

Delta R.T. 0.006 min

Lab File: BF129599.D

Acq: 05 Aug 2022 13:40

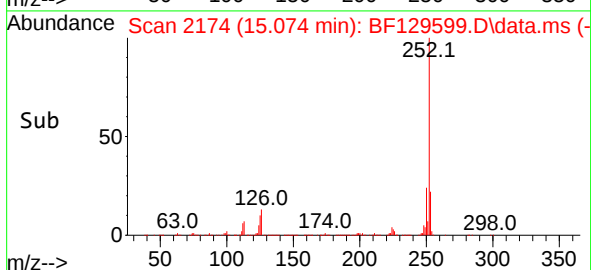
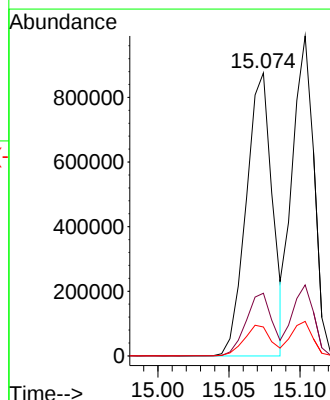
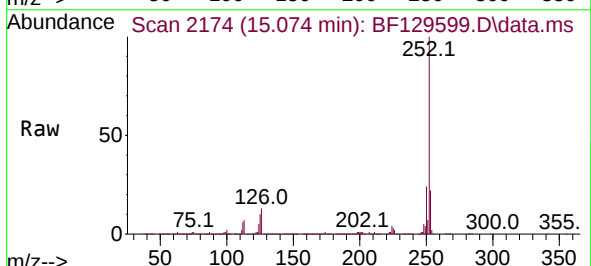
Tgt Ion:252 Resp: 1123955

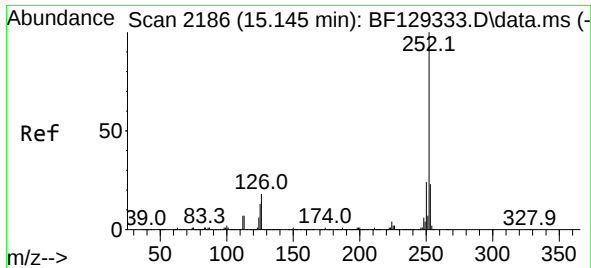
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 10.2 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 42.770 ng

RT: 15.104 min Scan# 2186

Delta R.T. -0.000 min

Lab File: BF129599.D

Acq: 05 Aug 2022 13:40

Instrument :

BNA_F

ClientSampleId :

PB146537BS

Tgt Ion:252 Resp: 1049726

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

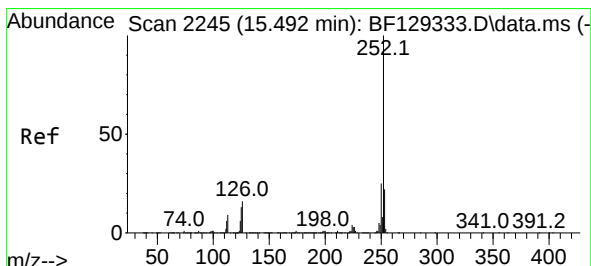
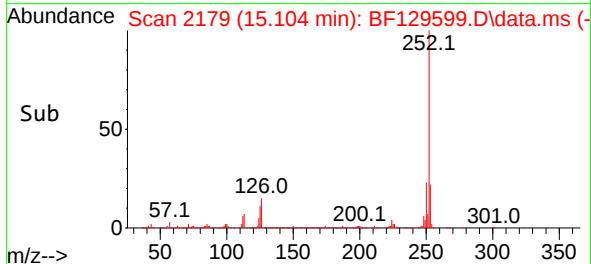
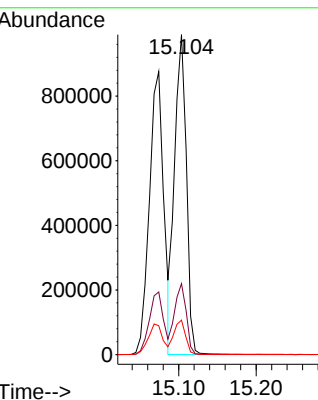
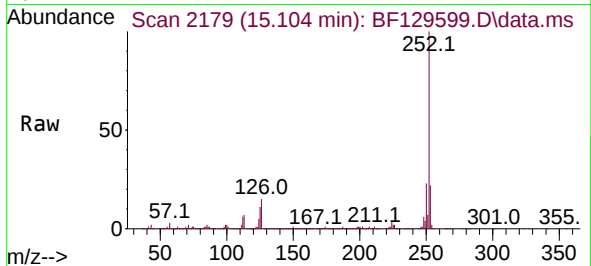
125 10.8 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/08/2022

Supervised By :Jagrut Upadhyay 08/08/2022



#90

Benzo(a)pyrene

Concen: 45.258 ng

RT: 15.445 min Scan# 2237

Delta R.T. 0.006 min

Lab File: BF129599.D

Acq: 05 Aug 2022 13:40

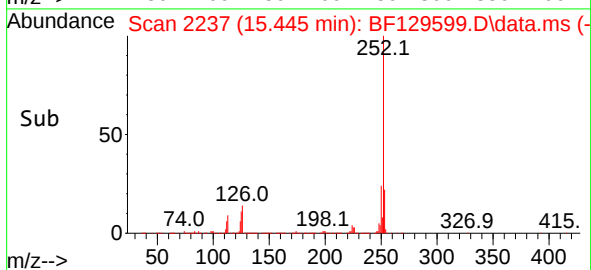
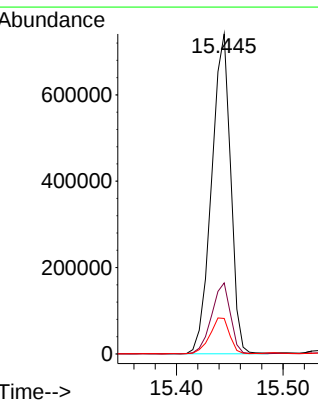
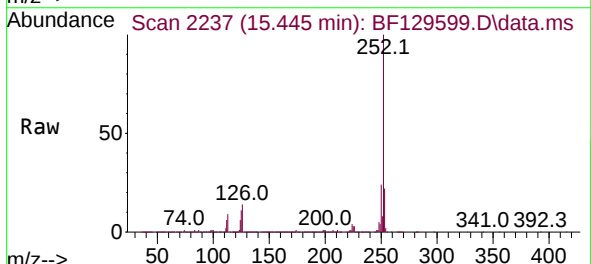
Tgt Ion:252 Resp: 920151

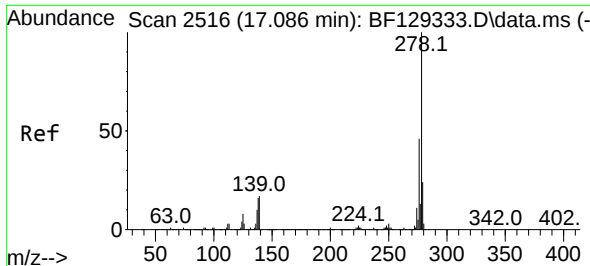
Ion Ratio Lower Upper

252 100

253 22.2 17.0 25.6

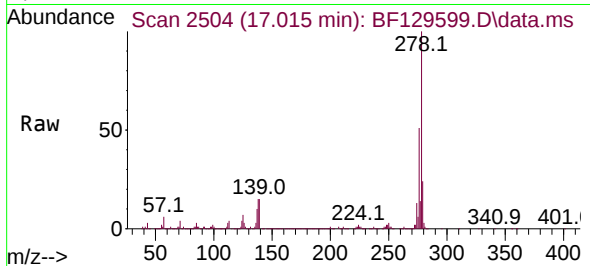
125 11.1 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 43.351 ng
RT: 17.015 min Scan# 2504
Delta R.T. 0.006 min
Lab File: BF129599.D
Acq: 05 Aug 2022 13:40

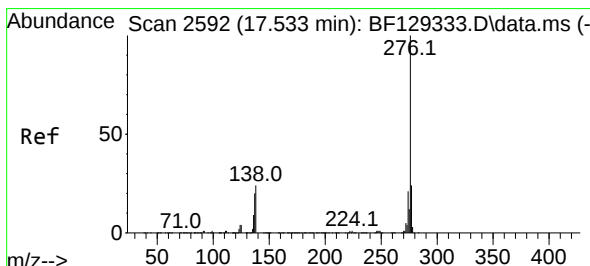
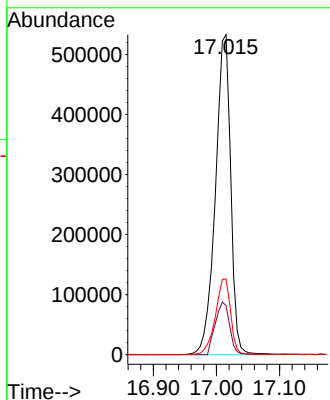
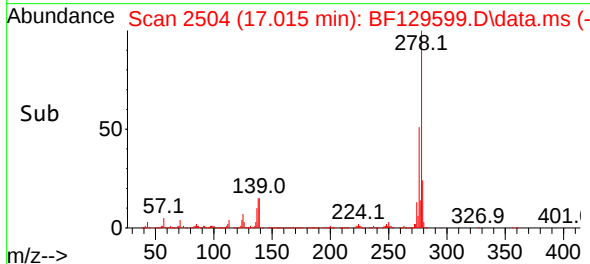
Instrument :
BNA_F
ClientSampleId :
PB146537BS



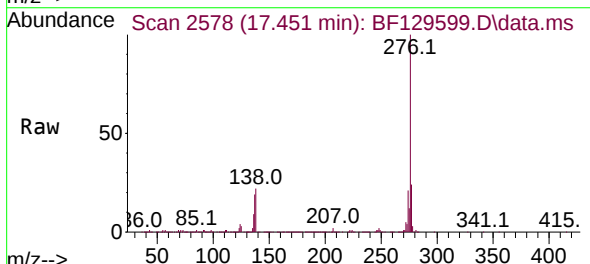
Tgt Ion: 278 Resp: 897124
Ion Ratio Lower Upper
278 100
139 15.3 12.8 19.2
279 23.6 18.6 28.0

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 42.845 ng
RT: 17.451 min Scan# 2578
Delta R.T. -0.000 min
Lab File: BF129599.D
Acq: 05 Aug 2022 13:40



Tgt Ion: 276 Resp: 906005
Ion Ratio Lower Upper
276 100
277 24.0 19.1 28.7
138 22.3 18.0 27.0

