

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080922\
 Data File : BF129660.D
 Acq On : 09 Aug 2022 11:12
 Operator : CG\JU
 Sample : PB146613BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146613BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/10/2022
 Supervised By : Jagrut Upadhyay 08/10/2022

Quant Time: Aug 09 12:27:31 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	6.840	152	235189	20.000	ng	-0.01
21) Naphthalene-d8	8.128	136	966459	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	515548	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	848785	20.000	ng	# 0.00
76) Chrysene-d12	14.027	240	521823	20.000	ng	0.00
86) Perylene-d12	15.498	264	418331	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	1594492	110.440	ng	0.01
7) Phenol-d6	6.504	99	1995070	109.938	ng	0.00
23) Nitrobenzene-d5	7.416	82	1309872	73.986	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	587875	118.604	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	2391813	71.769	ng	0.00
79) Terphenyl-d14	12.963	244	2461623	88.997	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.663	88	159925	24.551	ng	88
3) Pyridine	3.463	79	438797	24.256	ng	88
4) n-Nitrosodimethylamine	3.399	42	286071	36.013	ng	# 90
6) Aniline	6.510	93	729613	32.341	ng	# 35
8) 2-Chlorophenol	6.640	128	672698	42.648	ng	94
9) Benzaldehyde	6.398	77	313688	25.454	ng	98
10) Phenol	6.516	94	768211m	39.752	ng	
11) bis(2-Chloroethyl)ether	6.581	93	637532	41.598	ng	92
12) 1,3-Dichlorobenzene	6.781	146	655046	38.721	ng	99
13) 1,4-Dichlorobenzene	6.857	146	667145	38.777	ng	98
14) 1,2-Dichlorobenzene	7.010	146	642688	40.640	ng	98
15) Benzyl Alcohol	6.998	79	578891	43.984	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.116	45	824568	35.792	ng	# 1
17) 2-Methylphenol	7.116	107	520254	39.758	ng	# 88
18) Hexachloroethane	7.351	117	261455	40.359	ng	93
19) n-Nitroso-di-n-propyla...	7.263	70	455496	41.461	ng	92
20) 3+4-Methylphenols	7.269	107	649688	39.049	ng	# 89
22) Acetophenone	7.257	105	906092	40.269	ng	99
24) Nitrobenzene	7.434	77	685484	37.599	ng	97
25) Isophorone	7.675	82	1302649	41.047	ng	99
26) 2-Nitrophenol	7.745	139	367610	40.873	ng	97
27) 2,4-Dimethylphenol	7.793	122	594619m	44.075	ng	
28) bis(2-Chloroethoxy)met...	7.875	93	798674	43.383	ng	100
29) 2,4-Dichlorophenol	7.998	162	544929	39.134	ng	96
30) 1,2,4-Trichlorobenzene	8.069	180	556545	38.614	ng	97
31) Naphthalene	8.151	128	1851042	37.698	ng	99
32) Benzoic acid	7.940	122	275102	28.206	ng	96
33) 4-Chloroaniline	8.204	127	706383	35.040	ng	97
34) Hexachlorobutadiene	8.257	225	335581	40.960	ng	98
35) Caprolactam	8.598	113	166260m	36.725	ng	
36) 4-Chloro-3-methylphenol	8.698	107	624193	42.264	ng	98
37) 2-Methylnaphthalene	8.839	142	1247135	39.084	ng	99
38) 1-Methylnaphthalene	8.939	142	1182746	38.396	ng	98
40) 1,2,4,5-Tetrachloroben...	9.010	216	549438	40.587	ng	98
41) Hexachlorocyclopentadiene	8.987	237	466310	77.358	ng	98
43) 2,4,6-Trichlorophenol	9.128	196	375239	38.164	ng	97

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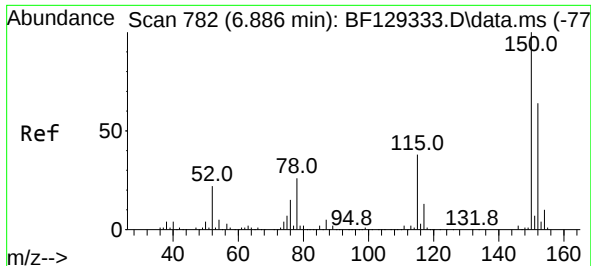
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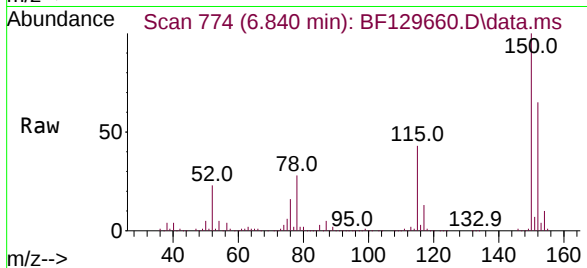
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	394248	36.872	ng	# 93
46) 1,1'-Biphenyl	9.310	154	1510829	40.155	ng	98
47) 2-Chloronaphthalene	9.334	162	1168692	38.424	ng	99
48) 2-Nitroaniline	9.439	65	380244	37.596	ng	87
49) Acenaphthylene	9.751	152	1749582	37.856	ng	100
50) Dimethylphthalate	9.610	163	1442754	40.538	ng	99
51) 2,6-Dinitrotoluene	9.681	165	317526	39.862	ng	98
52) Acenaphthene	9.922	154	1260790m	41.767	ng	
53) 3-Nitroaniline	9.851	138	282775	30.063	ng	# 97
54) 2,4-Dinitrophenol	9.969	184	309176	76.030	ng	# 87
55) Dibenzofuran	10.092	168	1583216	38.047	ng	95
56) 4-Nitrophenol	10.039	139	372371	53.660	ng	94
57) 2,4-Dinitrotoluene	10.086	165	399733	38.414	ng	# 88
58) Fluorene	10.439	166	1294748	38.887	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	287202	34.758	ng	93
60) Diethylphthalate	10.310	149	1401156	40.726	ng	99
61) 4-Chlorophenyl-phenyle...	10.428	204	609112	41.497	ng	97
62) 4-Nitroaniline	10.481	138	325836m	34.919	ng	
63) Azobenzene	10.586	77	1335371	38.054	ng	95
65) 4,6-Dinitro-2-methylph...	10.504	198	205669	38.390	ng	86
66) n-Nitrosodiphenylamine	10.551	169	1129563	39.961	ng	96
67) 4-Bromophenyl-phenylether	10.916	248	401456	43.193	ng	96
68) Hexachlorobenzene	10.986	284	429503	42.648	ng	99
69) Atrazine	11.081	200	384170	44.745	ng	96
70) Pentachlorophenol	11.192	266	340231	62.145	ng	99
71) Phenanthrene	11.404	178	1778834	38.392	ng	100
72) Anthracene	11.457	178	1797525	39.479	ng	99
73) Carbazole	11.616	167	1648168	38.454	ng	99
74) Di-n-butylphthalate	11.928	149	2159201	42.302	ng	99
75) Fluoranthene	12.592	202	1784361	38.009	ng	98
77) Benzidine	12.710	184	633666	34.374	ng	99
78) Pyrene	12.822	202	1781865	40.834	ng	99
80) Butylbenzylphthalate	13.427	149	831202	43.916	ng	98
81) Benzo(a)anthracene	14.016	228	1403254	39.367	ng	99
82) 3,3'-Dichlorobenzidine	13.974	252	424985	36.110	ng	97
83) Chrysene	14.051	228	1277352	38.023	ng	100
84) Bis(2-ethylhexyl)phtha...	13.980	149	1137956	45.668	ng	100
85) Di-n-octyl phthalate	14.598	149	1700474	47.423	ng	96
87) Indeno(1,2,3-cd)pyrene	16.992	276	1225557	43.504	ng	99
88) Benzo(b)fluoranthene	15.069	252	1253863	45.186	ng	100
89) Benzo(k)fluoranthene	15.098	252	1169016	42.989	ng	99
90) Benzo(a)pyrene	15.439	252	1045243	46.401	ng	100
91) Dibenzo(a,h)anthracene	17.004	278	1066575	46.518	ng	99
92) Benzo(g,h,i)perylene	17.451	276	1075724	45.914	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF129660.D
Acq: 09 Aug 2022 11:12

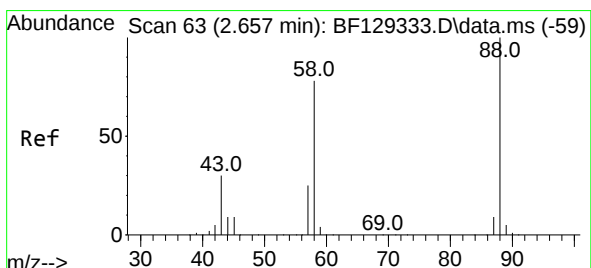
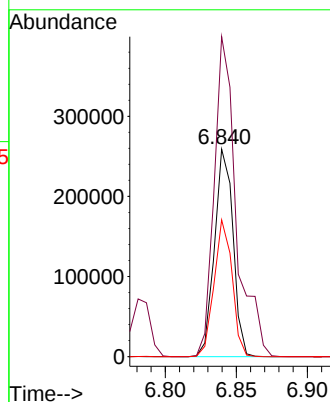
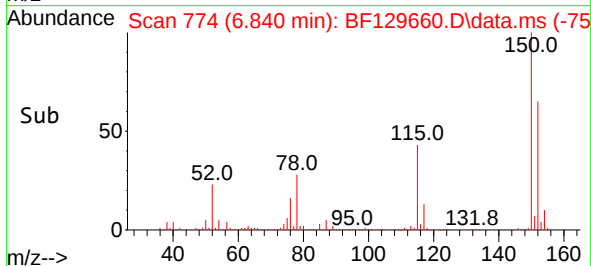
Instrument :
BNA_F
ClientSampleId :
PB146613BS



Tgt Ion: 152 Resp: 235189
Ion Ratio Lower Upper
152 100
150 154.3 123.7 185.5
115 65.9 49.9 74.9

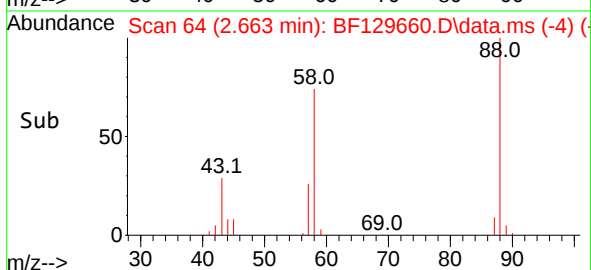
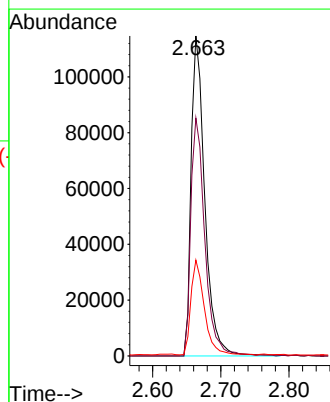
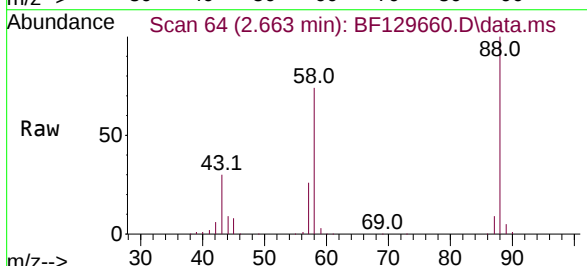
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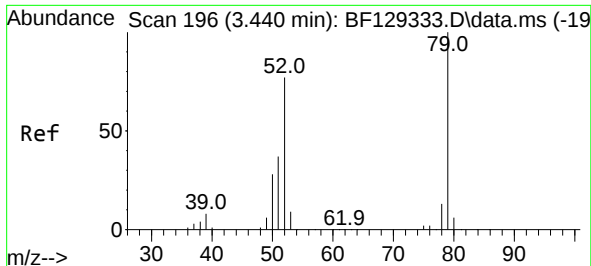
Reviewed By : Christian Giraldo 08/10/2022
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#2
1,4-Dioxane
Concen: 24.551 ng
RT: 2.663 min Scan# 64
Delta R.T. 0.053 min
Lab File: BF129660.D
Acq: 09 Aug 2022 11:12

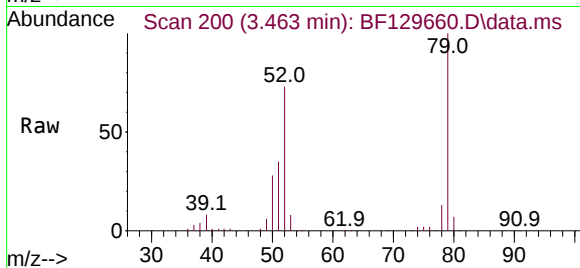
Tgt Ion: 88 Resp: 159925
Ion Ratio Lower Upper
88 100
58 76.2 71.8 107.8
43 29.3 26.6 39.8





#3
Pyridine
Concen: 24.256 ng
RT: 3.463 min Scan# 20
Delta R.T. 0.071 min
Lab File: BF129660.D
Acq: 09 Aug 2022 11:12

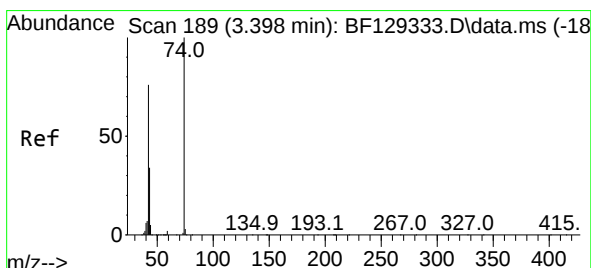
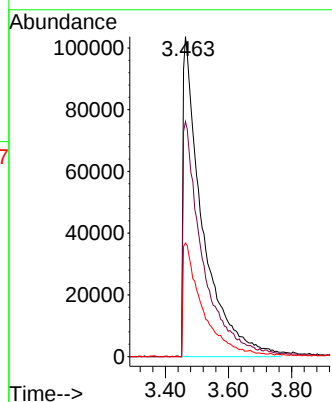
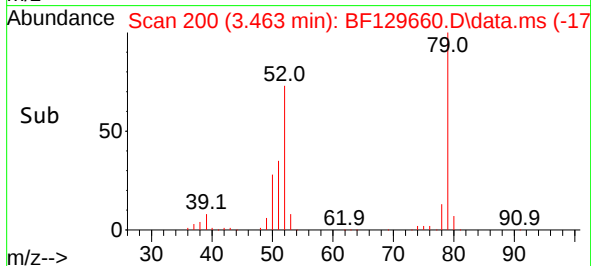
Instrument :
BNA_F
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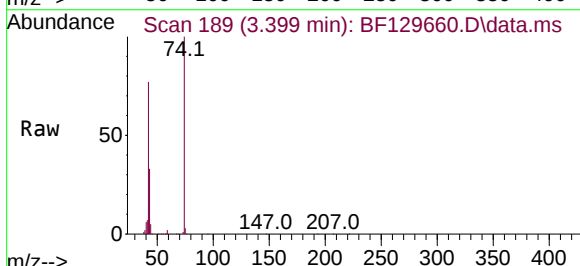
Tgt Ion: 79 Resp: 43879
Ion Ratio Lower Upper
79 100
52 73.5 68.6 102.8
51 35.5 32.9 49.3

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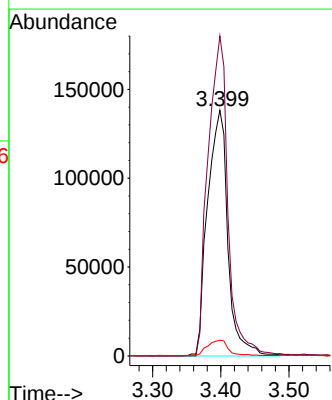
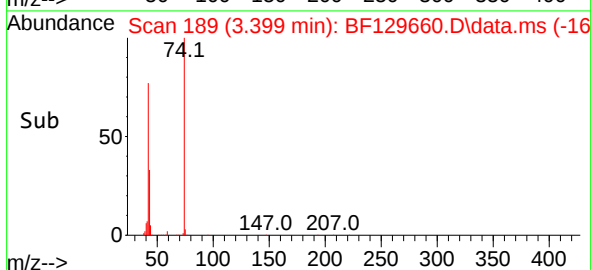
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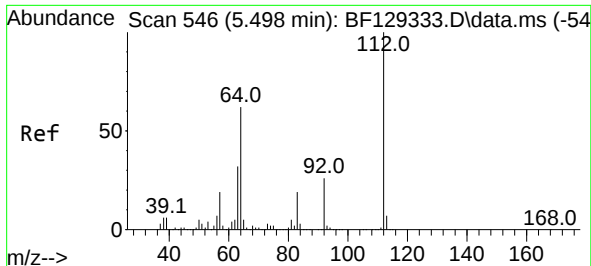


#4
n-Nitrosodimethylamine
Concen: 36.013 ng
RT: 3.399 min Scan# 189
Delta R.T. 0.047 min
Lab File: BF129660.D
Acq: 09 Aug 2022 11:12



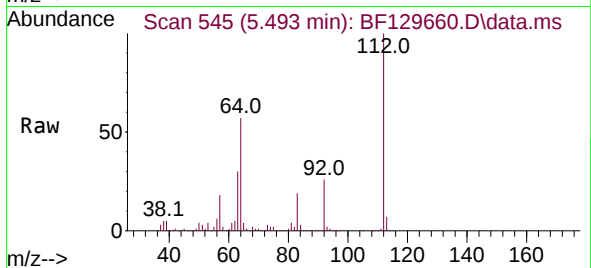
Tgt Ion: 42 Resp: 286071
Ion Ratio Lower Upper
42 100
74 130.3 94.8 142.2
44 6.4 6.6 10.0#





#5
2-Fluorophenol
Concen: 110.440 ng
RT: 5.493 min Scan# 546
Delta R.T. 0.012 min
Lab File: BF129660.D
Acq: 09 Aug 2022 11:12

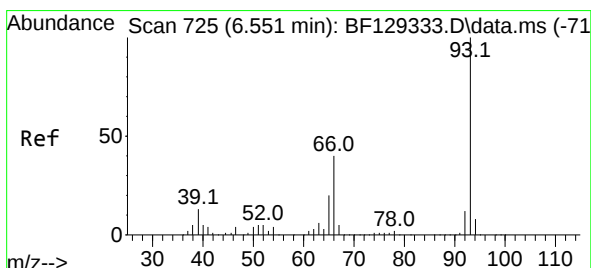
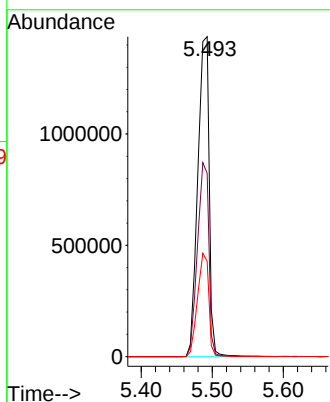
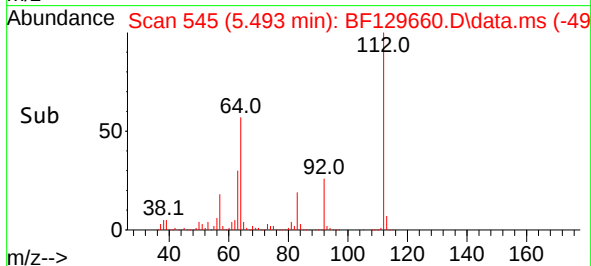
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Tgt Ion:112 Resp: 1594492
Ion Ratio Lower Upper
112 100
64 57.3 53.3 79.9
63 29.8 28.0 42.0

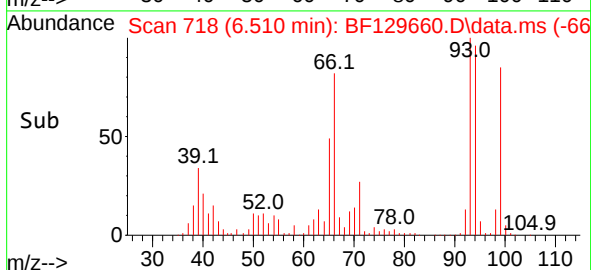
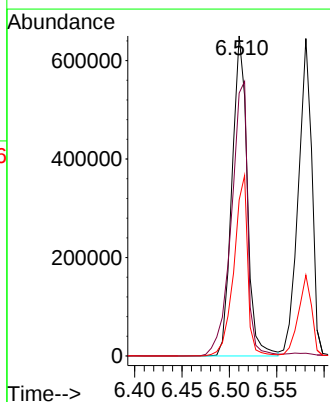
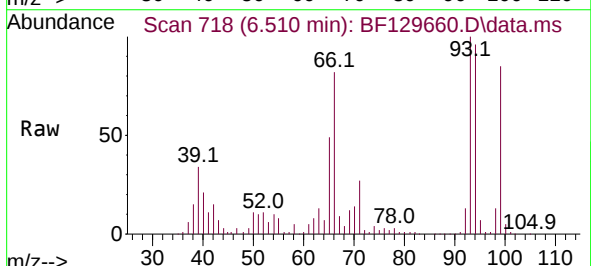
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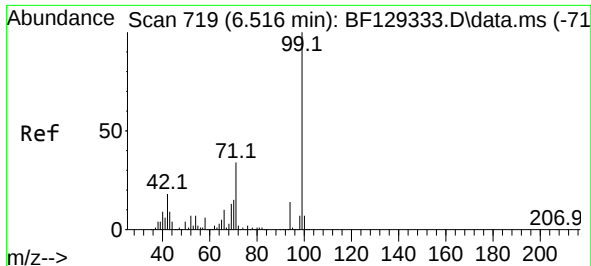
Reviewed By :Christian Giraldo 08/10/2022
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#6
Aniline
Concen: 32.341 ng
RT: 6.510 min Scan# 718
Delta R.T. -0.012 min
Lab File: BF129660.D
Acq: 09 Aug 2022 11:12

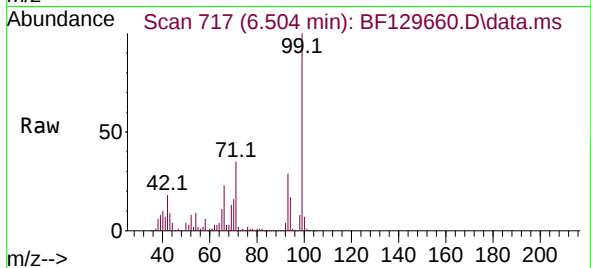
Tgt Ion: 93 Resp: 729613
Ion Ratio Lower Upper
93 100
66 82.1 32.5 48.7#
65 48.8 16.4 24.6#





#7
Phenol-d6
Concen: 109.938 ng
RT: 6.504 min Scan# 719
Delta R.T. 0.000 min
Lab File: BF129660.D
Acq: 09 Aug 2022 11:12

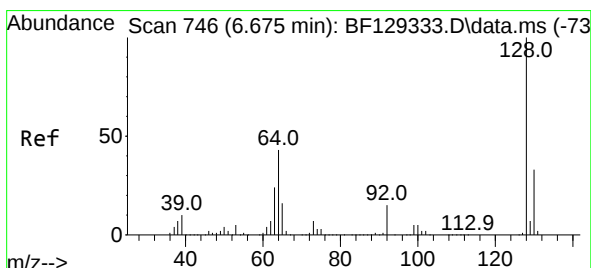
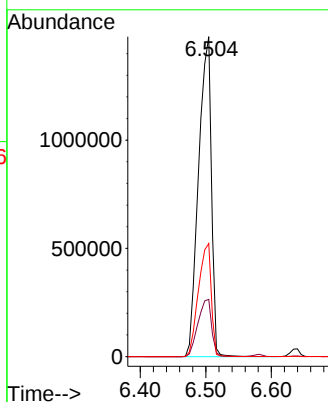
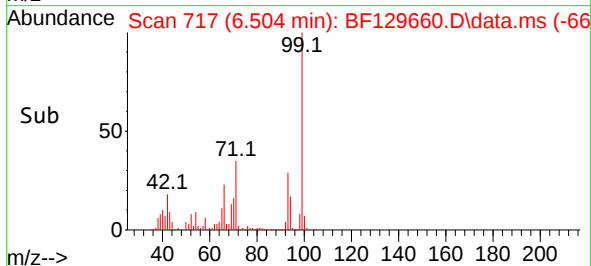
Instrument :
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Tgt Ion: 99 Resp: 1995070
Ion Ratio Lower Upper
99 100
42 17.9 17.3 25.9
71 35.3 28.9 43.3

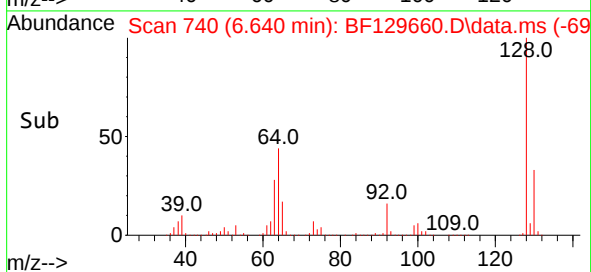
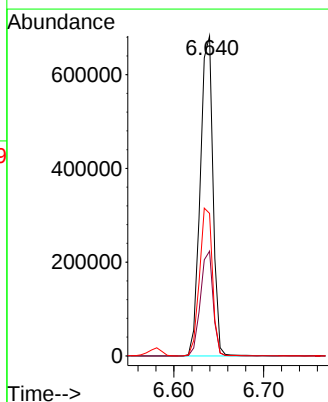
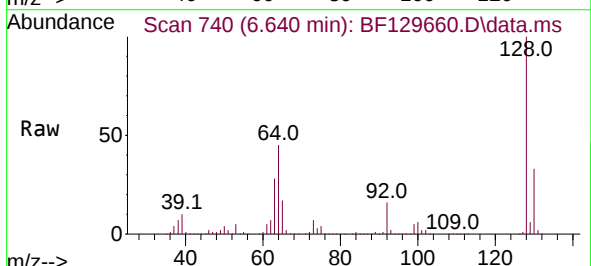
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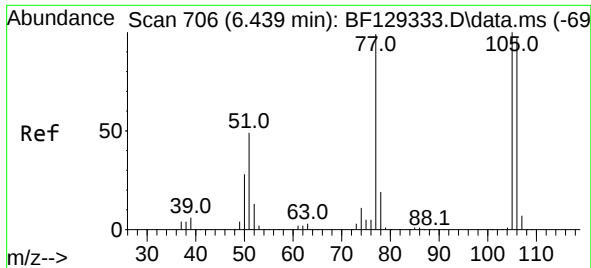
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#8
2-Chlorophenol
Concen: 42.648 ng
RT: 6.640 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF129660.D
Acq: 09 Aug 2022 11:12

Tgt Ion:128 Resp: 672698
Ion Ratio Lower Upper
128 100
130 32.7 13.1 53.1
64 44.5 30.9 70.9





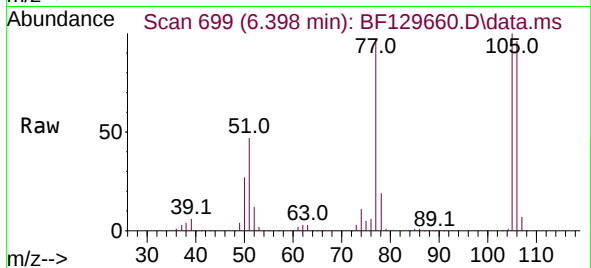
#9
Benzaldehyde
Concen: 25.454 ng
RT: 6.398 min Scan# 69
Delta R.T. -0.006 min
Lab File: BF129660.D
Acq: 09 Aug 2022 11:12

Instrument :

BNA_F

ClientSampleId :

PB146613BS

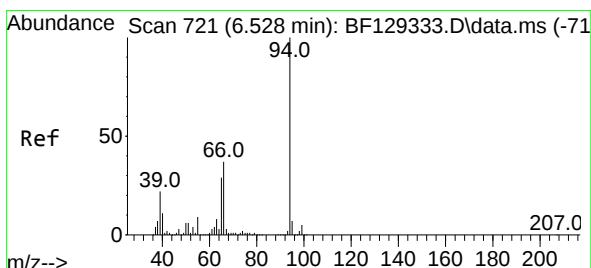
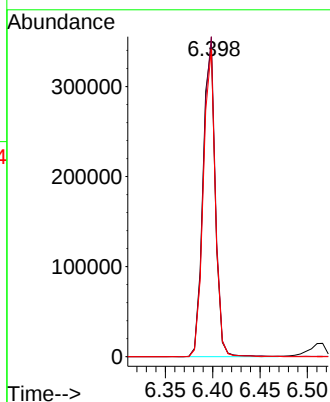
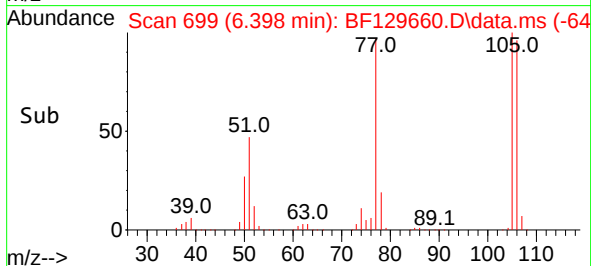


Tgt Ion: 77 Resp: 313688
Ion Ratio Lower Upper
77 100
105 102.6 81.6 121.6
106 98.6 76.1 116.1

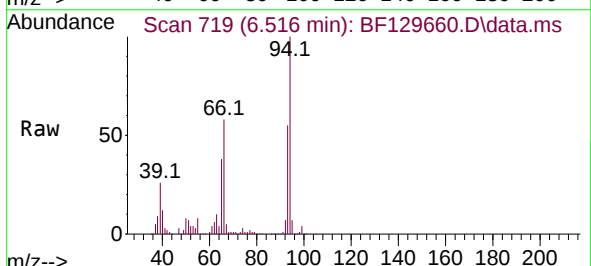
Manual Integrations

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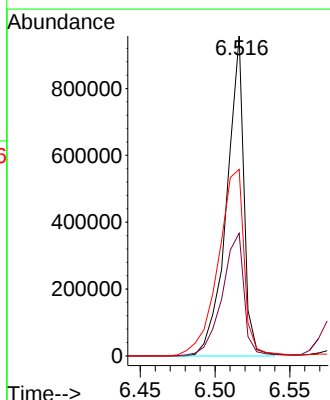
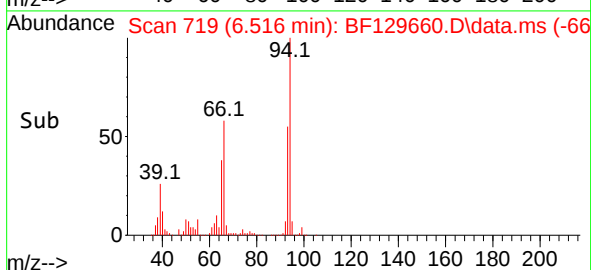
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

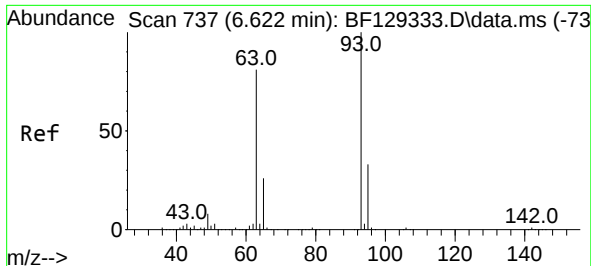


#10
Phenol
Concen: 39.752 ng m
RT: 6.516 min Scan# 719
Delta R.T. 0.000 min
Lab File: BF129660.D
Acq: 09 Aug 2022 11:12



Tgt Ion: 94 Resp: 768211
Ion Ratio Lower Upper
94 100
65 38.3 11.4 51.4
66 58.3 21.4 61.4





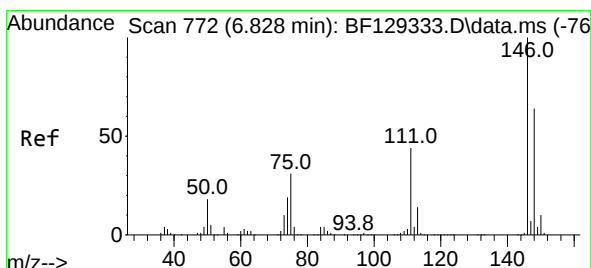
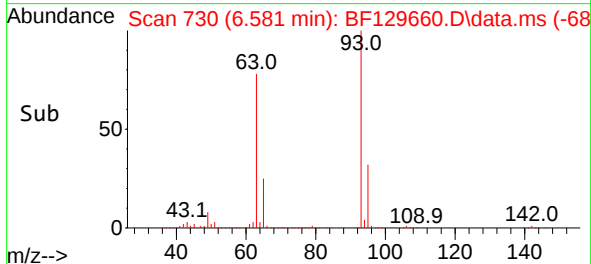
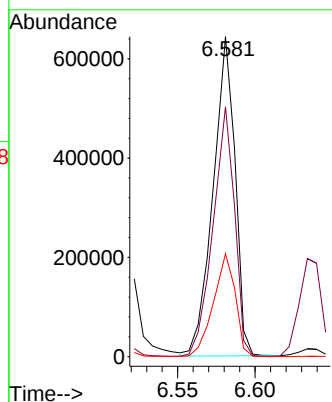
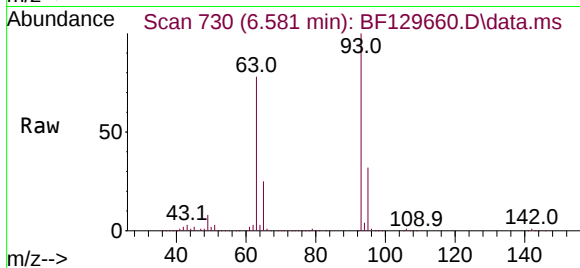
#11
bis(2-Chloroethyl)ether
Concen: 41.598 ng
RT: 6.581 min Scan# 731
Delta R.T. -0.012 min
Lab File: BF129660.D
Acq: 09 Aug 2022 11:12

Instrument :
BNA_F
ClientSampleId :
PB146613BS

Tgt Ion: 93 Resp: 637532
Ion Ratio Lower Upper
93 100
63 78.1 67.4 107.4
95 32.2 12.7 52.7

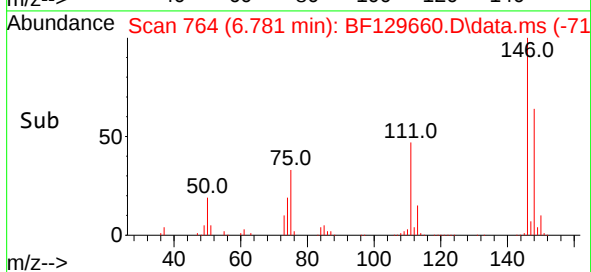
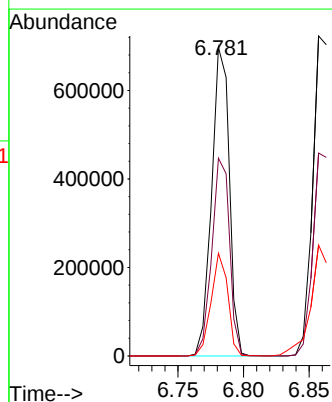
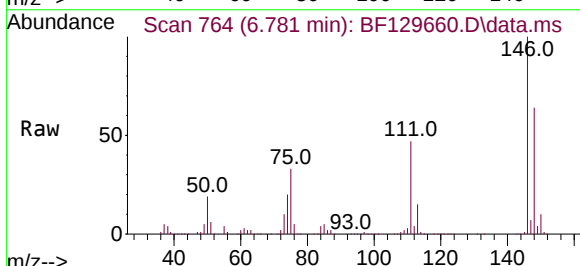
Manual Integrations
APPROVED

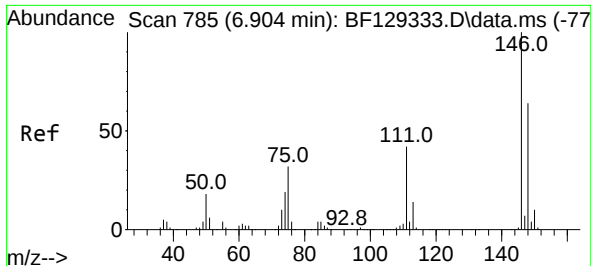
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#12
1,3-Dichlorobenzene
Concen: 38.721 ng
RT: 6.781 min Scan# 764
Delta R.T. -0.012 min
Lab File: BF129660.D
Acq: 09 Aug 2022 11:12

Tgt Ion:146 Resp: 655046
Ion Ratio Lower Upper
146 100
148 64.1 50.6 75.8
75 33.2 26.3 39.5





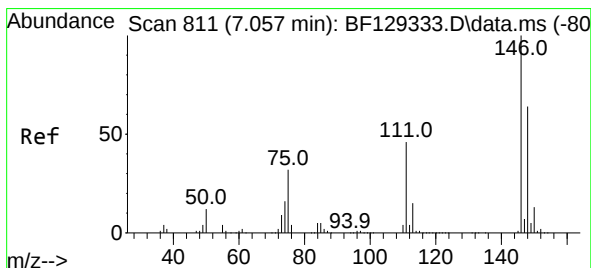
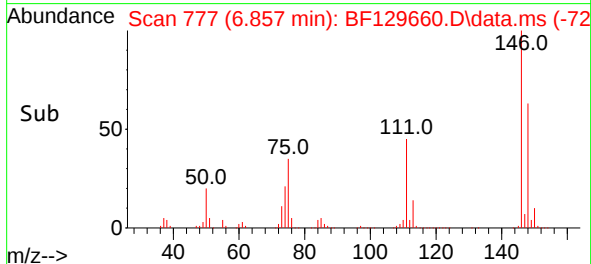
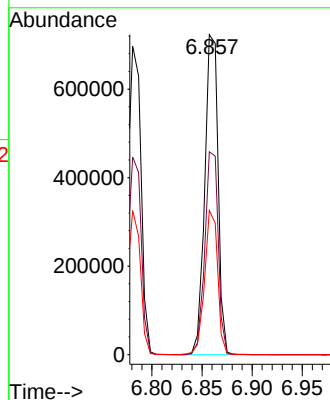
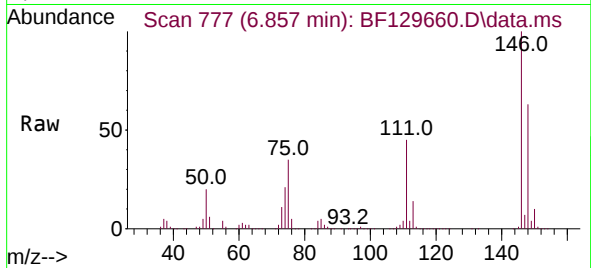
#13
1,4-Dichlorobenzene
Concen: 38.777 ng
RT: 6.857 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129660.D
Acq: 09 Aug 2022 11:12

Instrument :
BNA_F
ClientSampleId :
PB146613BS

Tgt Ion:146 Resp: 667145
Ion Ratio Lower Upper
146 100
148 63.4 51.1 76.7
111 45.0 34.2 51.4

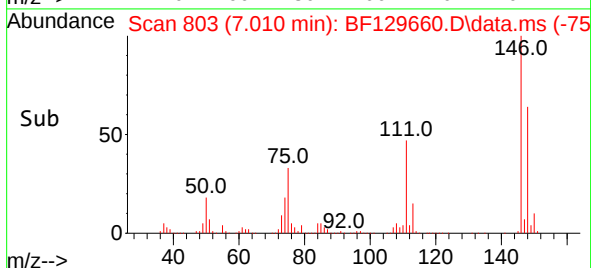
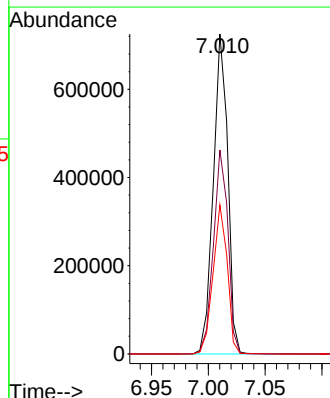
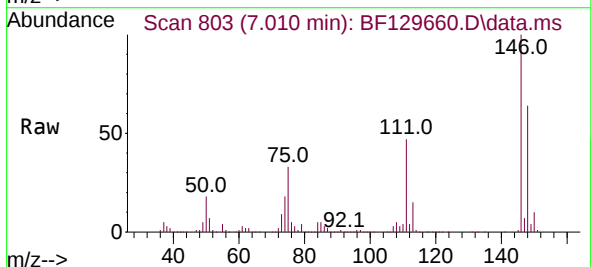
Manual Integrations
APPROVED

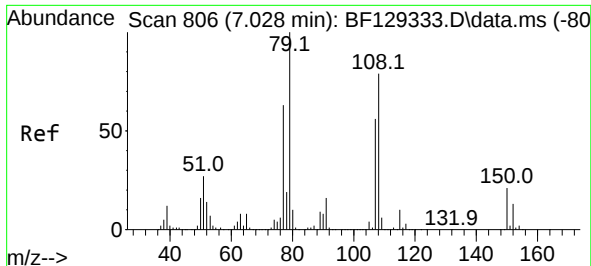
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#14
1,2-Dichlorobenzene
Concen: 40.640 ng
RT: 7.010 min Scan# 803
Delta R.T. -0.012 min
Lab File: BF129660.D
Acq: 09 Aug 2022 11:12

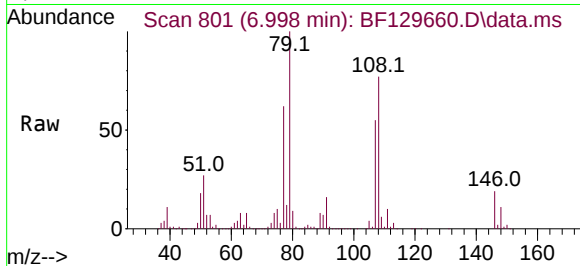
Tgt Ion:146 Resp: 642688
Ion Ratio Lower Upper
146 100
148 63.8 51.8 77.8
111 46.5 35.1 52.7





#15
Benzyl Alcohol
Concen: 43.984 ng
RT: 6.998 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF129660.D
Acq: 09 Aug 2022 11:12

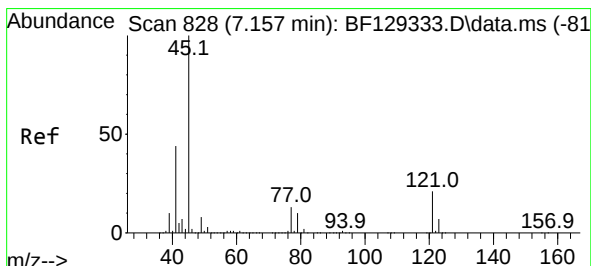
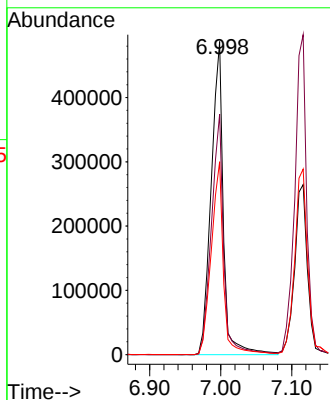
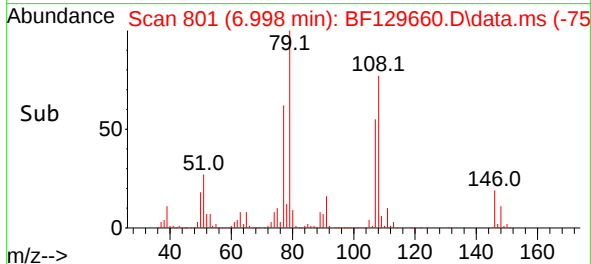
Instrument :
BNA_F
ClientSampleId :
PB146613BS



Tgt Ion: 79 Resp: 578891
Ion Ratio Lower Upper
79 100
108 76.9 61.8 92.6
77 61.6 50.2 75.4

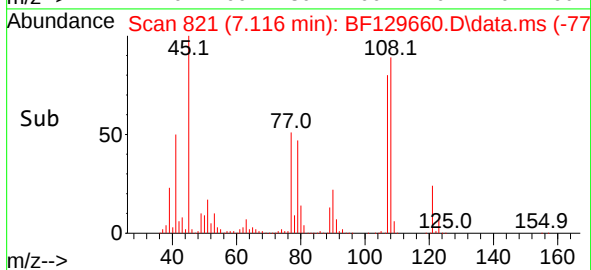
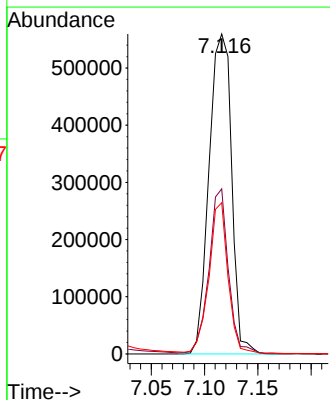
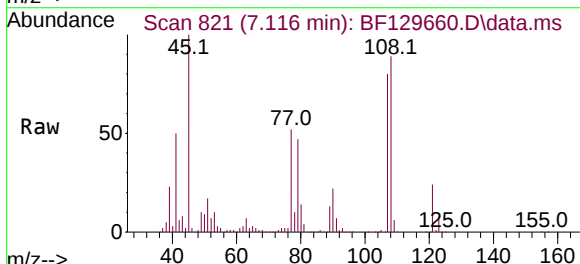
Manual Integrations
APPROVED

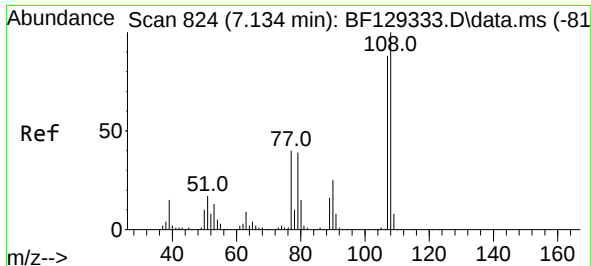
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.792 ng
RT: 7.116 min Scan# 821
Delta R.T. -0.012 min
Lab File: BF129660.D
Acq: 09 Aug 2022 11:12

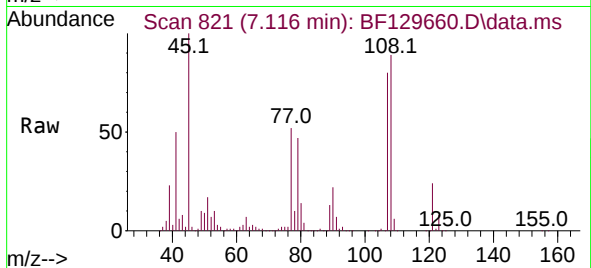
Tgt Ion: 45 Resp: 824568
Ion Ratio Lower Upper
45 100
77 51.6 0.0 31.3#
79 47.2 0.0 28.3#





#17
2-Methylphenol
Concen: 39.758 ng
RT: 7.116 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF129660.D
Acq: 09 Aug 2022 11:12

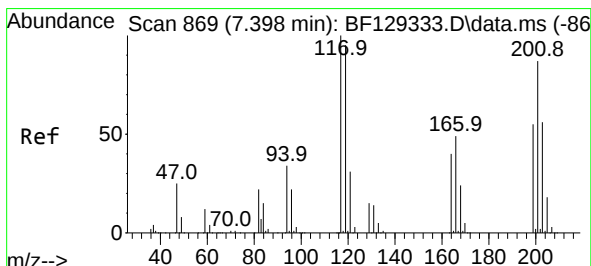
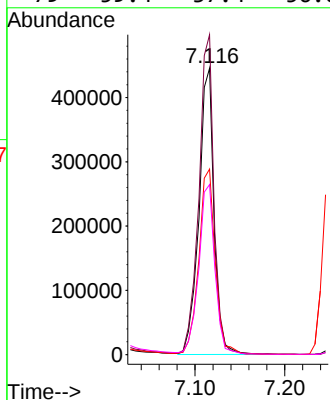
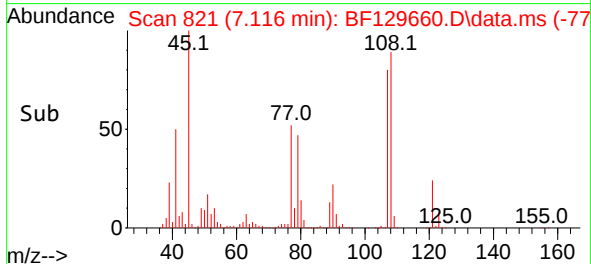
Instrument :
BNA_F
ClientSampleId :
PB146613BS



Tgt Ion:107 Resp: 520254
Ion Ratio Lower Upper
107 100
108 111.8 91.9 137.9
77 64.8 37.8 56.8
79 59.4 37.4 56.0#

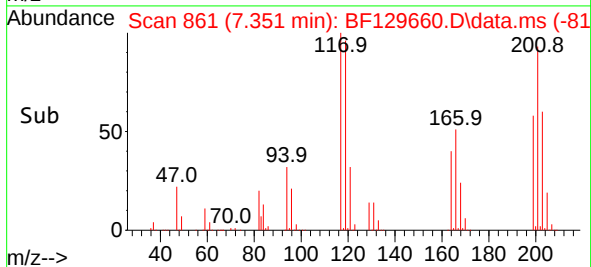
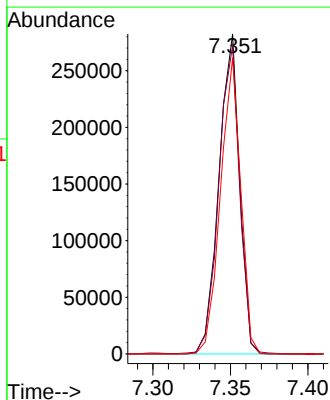
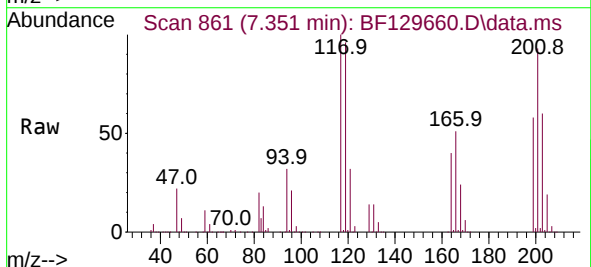
Manual Integrations
APPROVED

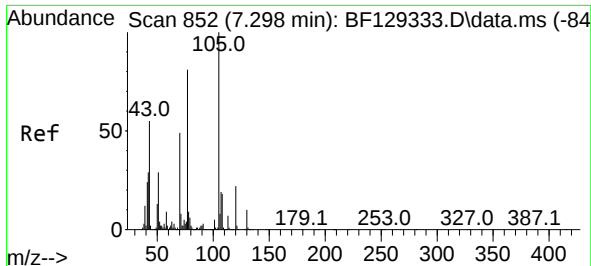
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#18
Hexachloroethane
Concen: 40.359 ng
RT: 7.351 min Scan# 861
Delta R.T. -0.012 min
Lab File: BF129660.D
Acq: 09 Aug 2022 11:12

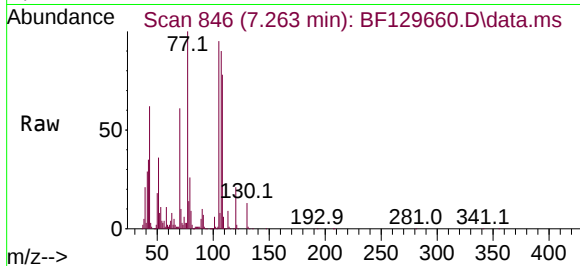
Tgt Ion:117 Resp: 261455
Ion Ratio Lower Upper
117 100
119 96.3 77.4 116.2
201 92.5 84.6 127.0





#19
n-Nitroso-di-n-propylamine
Concen: 41.461 ng
RT: 7.263 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF129660.D
Acq: 09 Aug 2022 11:12

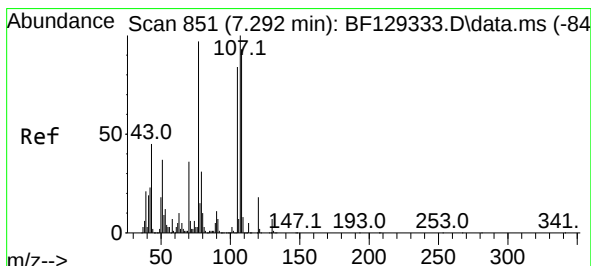
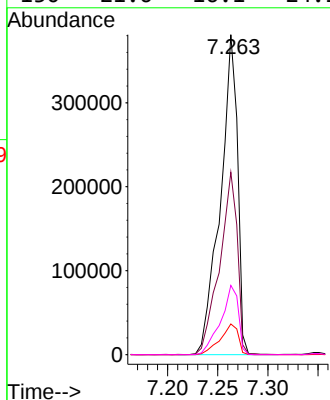
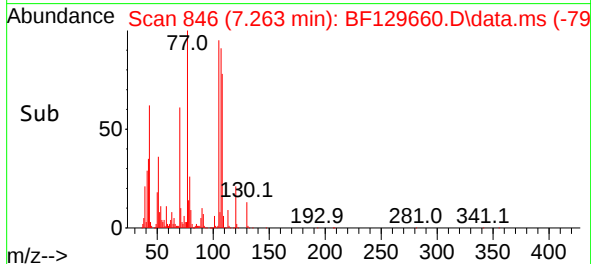
Instrument :
BNA_F
ClientSampleId :
PB146613BS



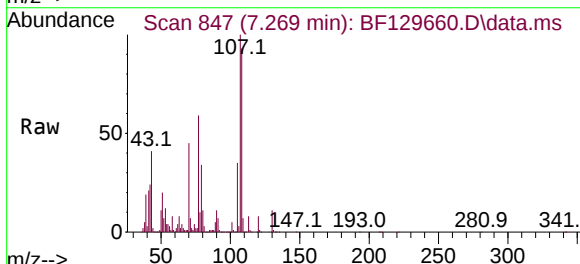
Tgt Ion: 70 Resp: 455496
Ion Ratio Lower Upper
70 100
42 57.0 52.3 78.5
101 9.6 7.5 11.3
130 21.6 16.1 24.1

Manual Integrations
APPROVED

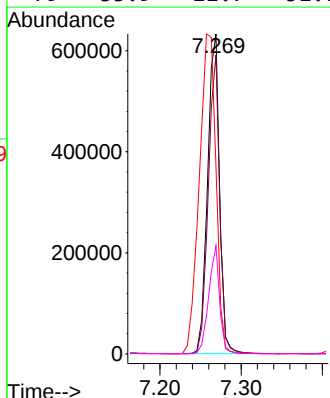
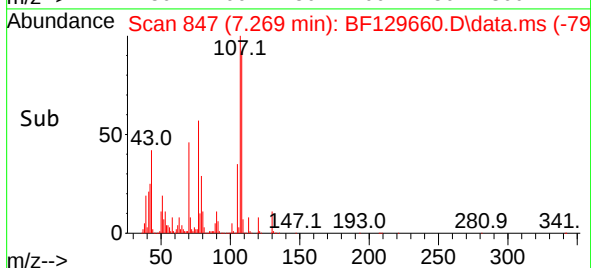
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

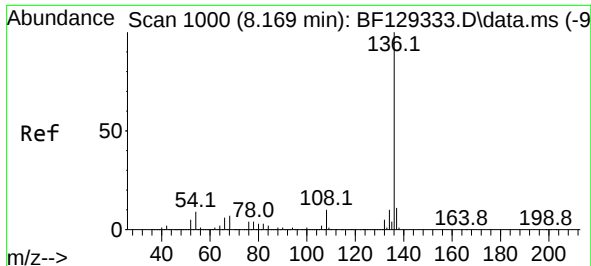


#20
3+4-Methylphenols
Concen: 39.049 ng
RT: 7.269 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF129660.D
Acq: 09 Aug 2022 11:12



Tgt Ion:107 Resp: 649688
Ion Ratio Lower Upper
107 100
108 93.5 71.8 111.8
77 58.7 59.3 99.3#
79 33.9 11.7 51.7





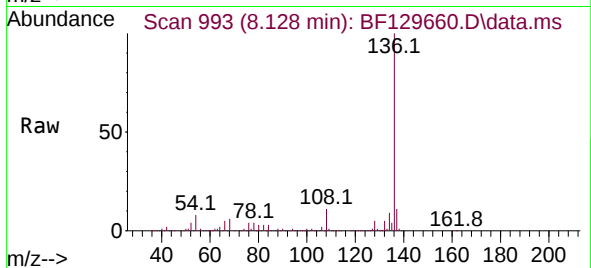
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 99
Delta R.T. -0.006 min
Lab File: BF129660.D
Acq: 09 Aug 2022 11:12

Instrument :

BNA_F

ClientSampleId :

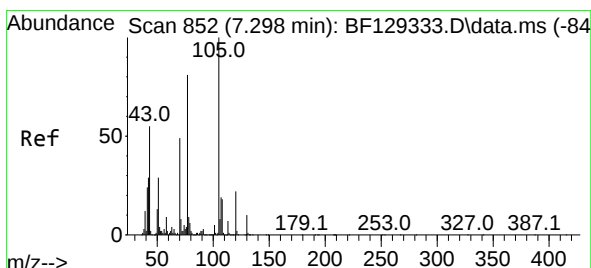
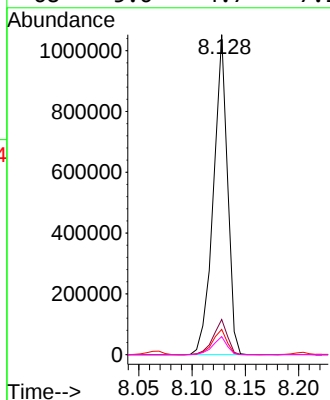
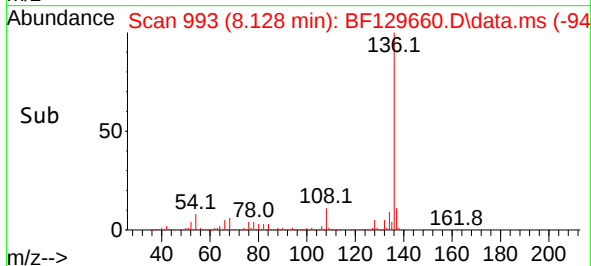
PB146613BS



Tgt Ion:136 Resp: 966459
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.9 7.5 11.3
68 5.6 4.7 7.1

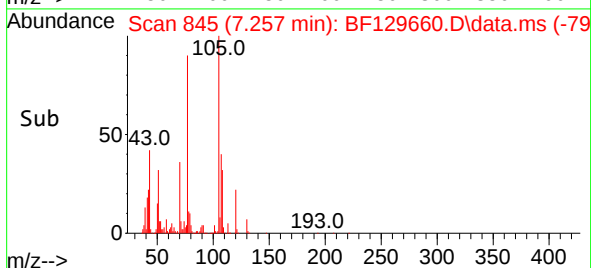
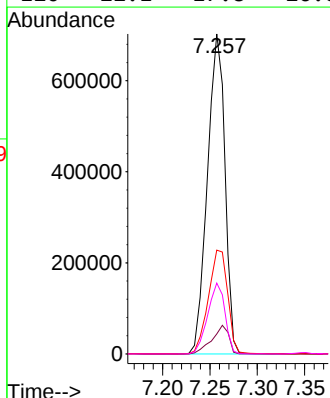
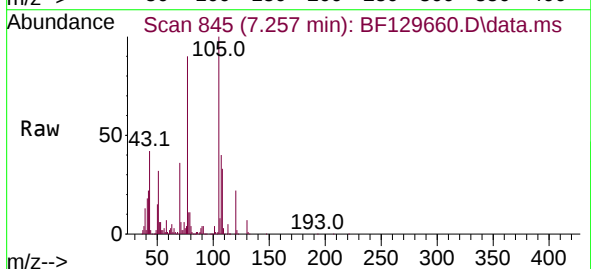
Manual Integrations
APPROVED

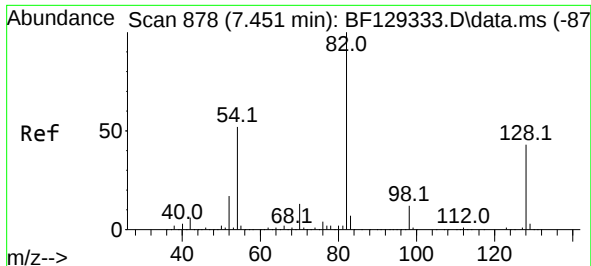
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#22
Acetophenone
Concen: 40.269 ng
RT: 7.257 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF129660.D
Acq: 09 Aug 2022 11:12

Tgt Ion:105 Resp: 906092
Ion Ratio Lower Upper
105 100
71 6.2 5.0 7.4
51 32.5 25.0 37.4
120 22.1 17.8 26.8





#23

Nitrobenzene-d5

Concen: 73.986 ng

RT: 7.416 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF129660.D

Acq: 09 Aug 2022 11:12

Instrument :

BNA_F

ClientSampleId :

PB146613BS

Tgt Ion: 82 Resp: 1309872

Ion Ratio Lower Upper

82 100

128 43.8 34.0 51.0

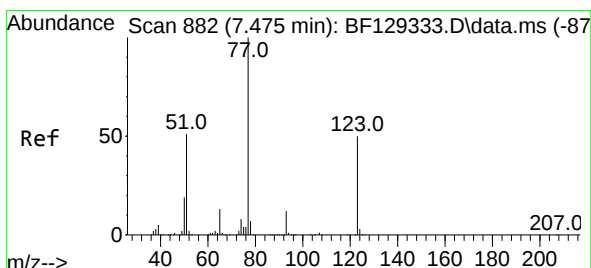
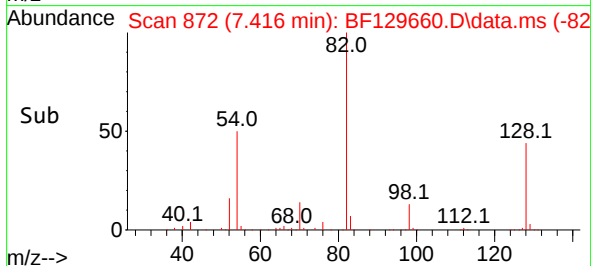
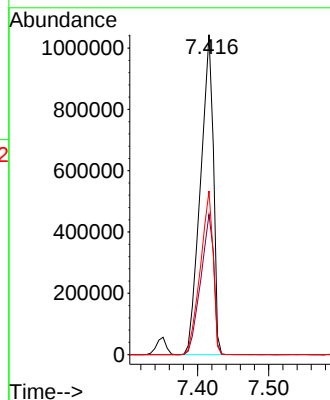
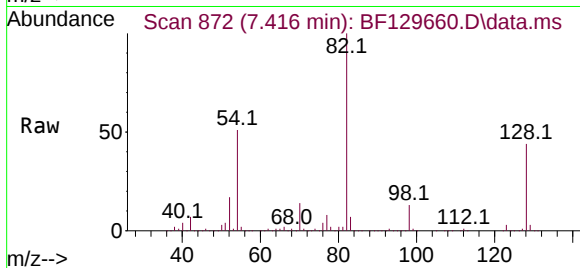
54 51.1 46.9 70.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/10/2022

Supervised By :Jagrut Upadhyay 08/10/2022



#24

Nitrobenzene

Concen: 37.599 ng

RT: 7.434 min Scan# 875

Delta R.T. -0.006 min

Lab File: BF129660.D

Acq: 09 Aug 2022 11:12

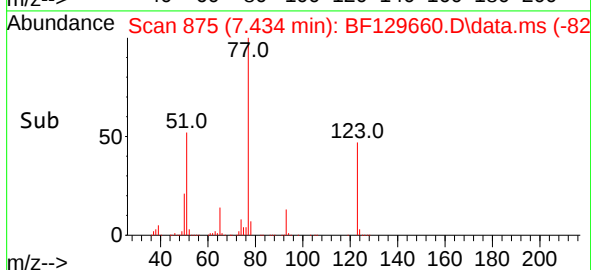
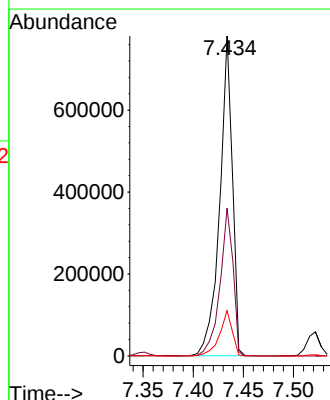
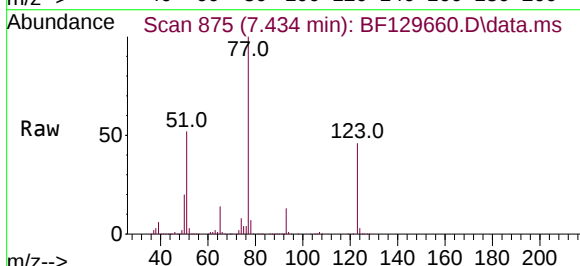
Tgt Ion: 77 Resp: 685484

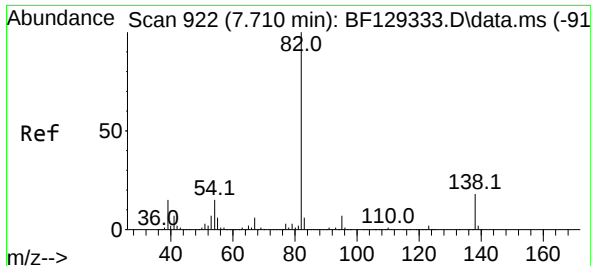
Ion Ratio Lower Upper

77 100

123 46.1 35.4 53.2

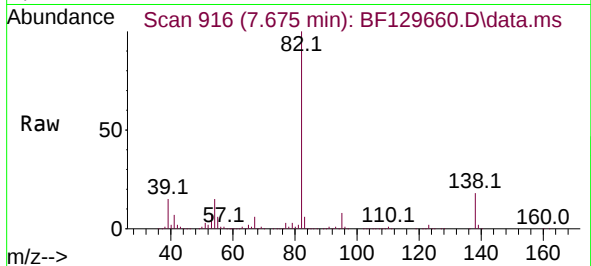
65 14.1 11.8 17.8





#25
Isophorone
Concen: 41.047 ng
RT: 7.675 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF129660.D
Acq: 09 Aug 2022 11:12

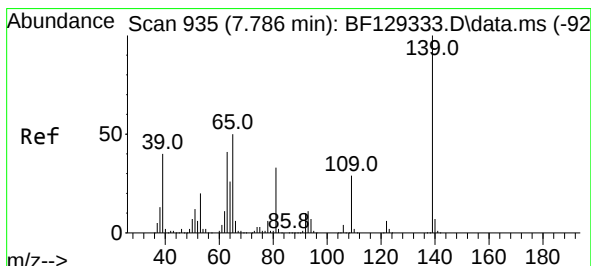
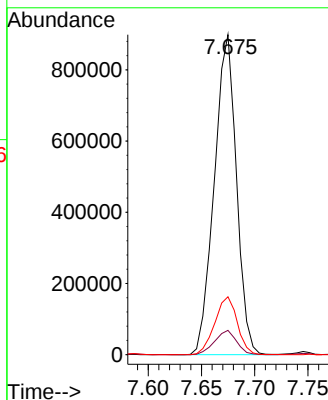
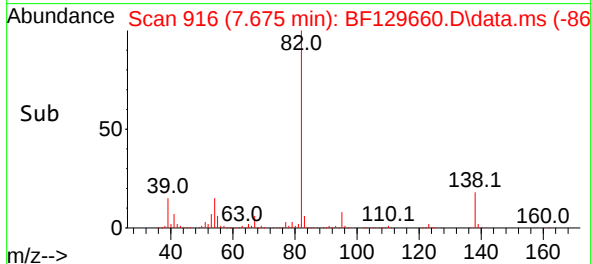
Instrument :
BNA_F
ClientSampleId :
PB146613BS



Tgt Ion: 82 Resp: 1302649
Ion Ratio Lower Upper
82 100
95 7.6 5.7 8.5
138 18.1 14.2 21.2

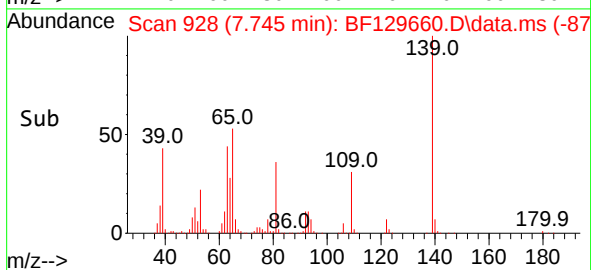
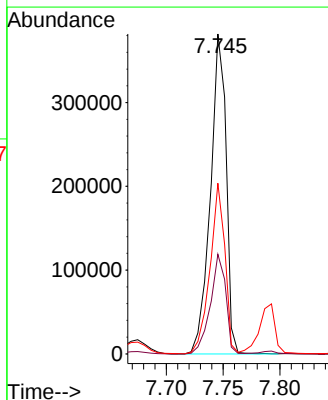
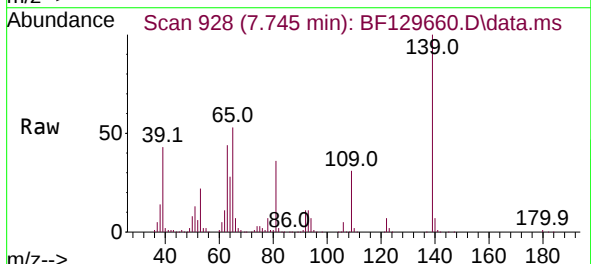
Manual Integrations
APPROVED

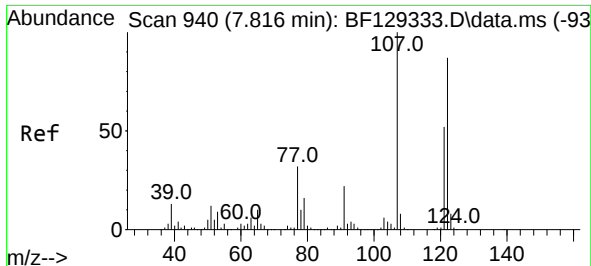
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#26
2-Nitrophenol
Concen: 40.873 ng
RT: 7.745 min Scan# 928
Delta R.T. -0.012 min
Lab File: BF129660.D
Acq: 09 Aug 2022 11:12

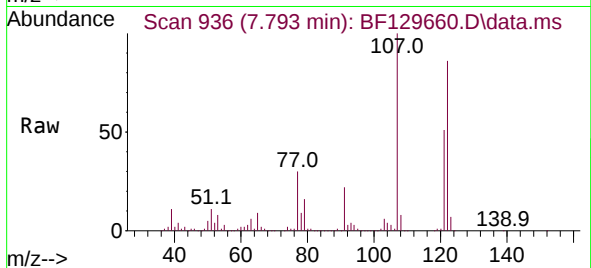
Tgt Ion:139 Resp: 367610
Ion Ratio Lower Upper
139 100
109 31.1 25.0 37.4
65 53.3 45.1 67.7





#27
2,4-Dimethylphenol
Concen: 44.075 ng m
RT: 7.793 min Scan# 931
Delta R.T. -0.006 min
Lab File: BF129660.D
Acq: 09 Aug 2022 11:12

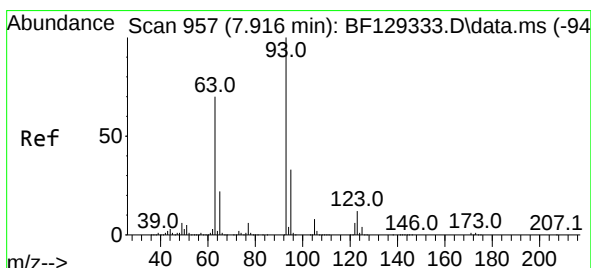
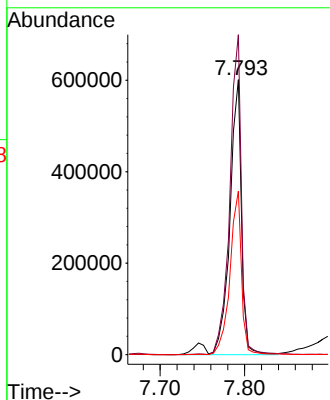
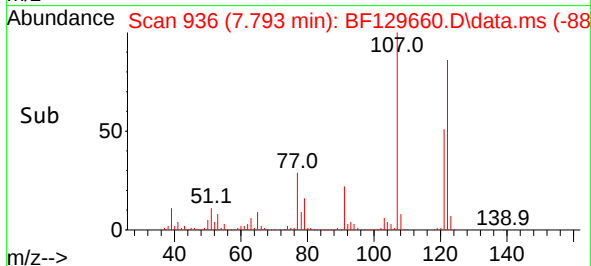
Instrument :
BNA_F
ClientSampleId :
PB146613BS



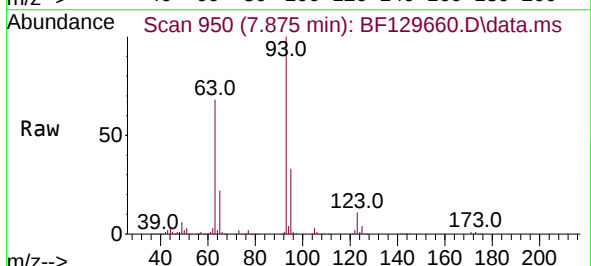
Tgt Ion:122 Resp: 594619
Ion Ratio Lower Upper
122 100
107 116.4 93.0 139.6
121 59.5 46.6 70.0

Manual Integrations
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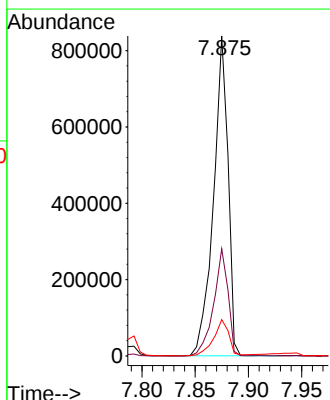
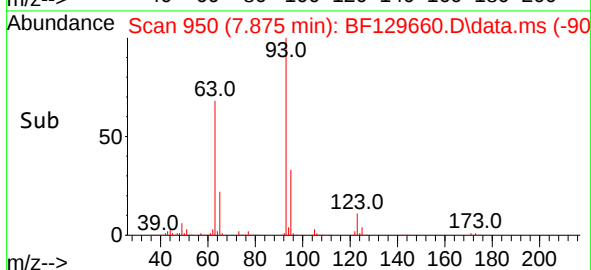
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

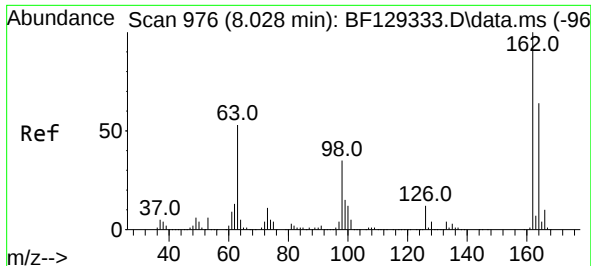


#28
bis(2-Chloroethoxy)methane
Concen: 43.383 ng
RT: 7.875 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF129660.D
Acq: 09 Aug 2022 11:12



Tgt Ion: 93 Resp: 798674
Ion Ratio Lower Upper
93 100
95 33.5 26.8 40.2
123 11.3 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 39.134 ng

RT: 7.998 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF129660.D

Acq: 09 Aug 2022 11:12

Instrument :

BNA_F

ClientSampleId :

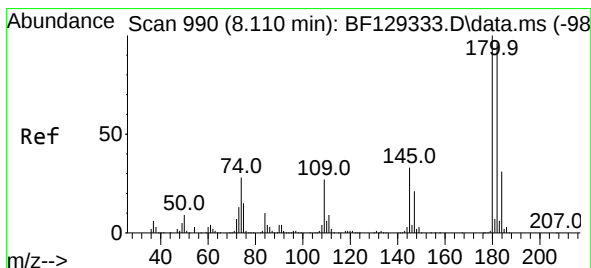
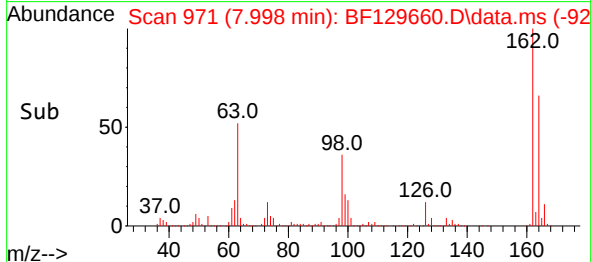
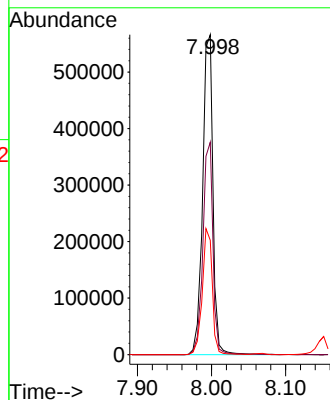
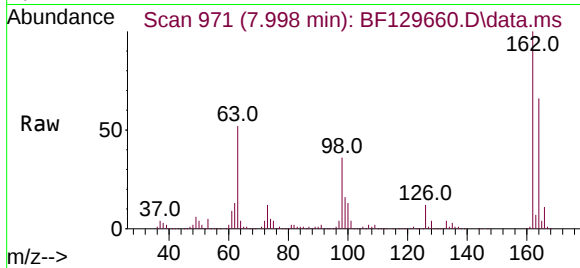
PB146613BS

Tgt Ion:162 Resp: 544929
 Ion Ratio Lower Upper
 162 100
 164 66.4 44.2 84.2
 98 35.7 19.6 59.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/10/2022
 Supervised By :Jagrut Upadhyay 08/10/2022



#30

1,2,4-Trichlorobenzene

Concen: 38.614 ng

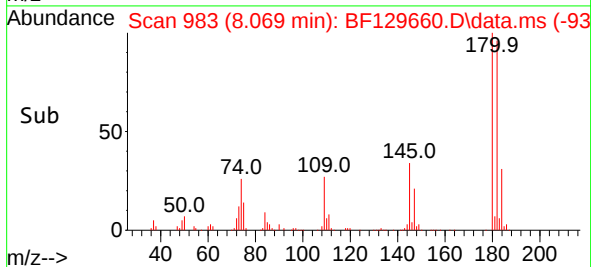
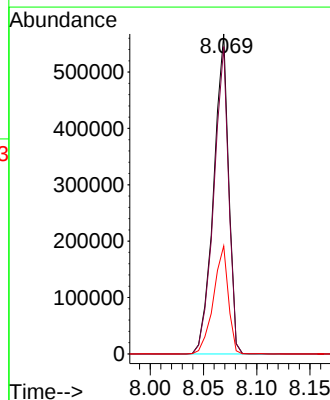
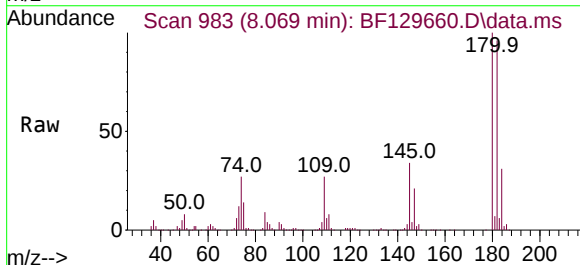
RT: 8.069 min Scan# 983

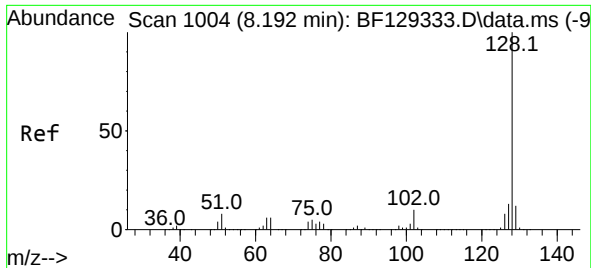
Delta R.T. -0.006 min

Lab File: BF129660.D

Acq: 09 Aug 2022 11:12

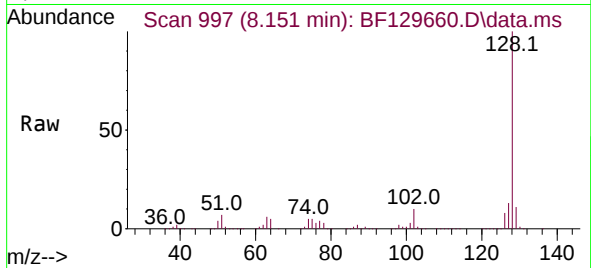
Tgt Ion:180 Resp: 556545
 Ion Ratio Lower Upper
 180 100
 182 96.0 79.2 118.8
 145 33.7 26.2 39.2





#31
Naphthalene
Concen: 37.698 ng
RT: 8.151 min Scan# 997
Delta R.T. -0.006 min
Lab File: BF129660.D
Acq: 09 Aug 2022 11:12

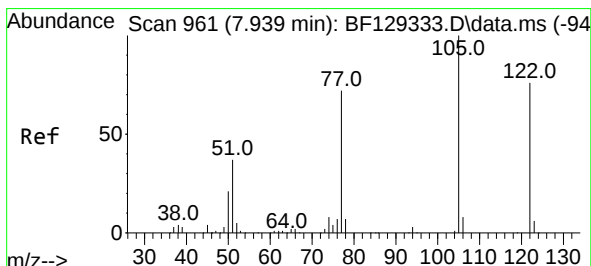
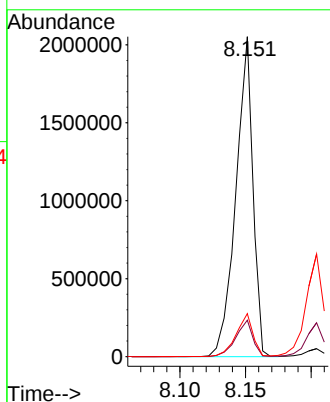
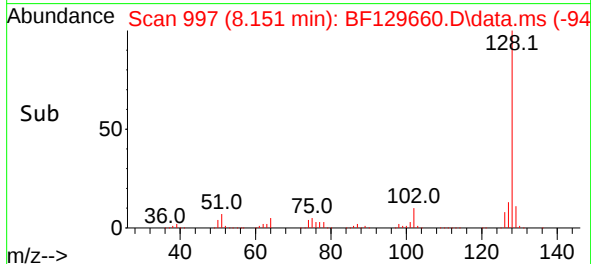
Instrument :
BNA_F
ClientSampleId :
PB146613BS



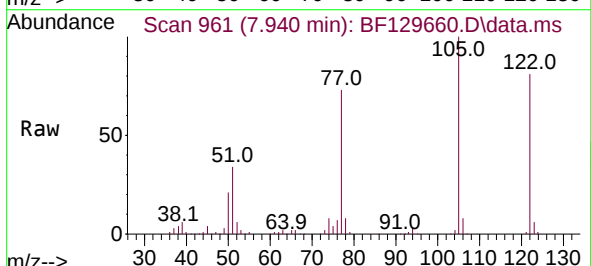
Tgt Ion:128 Resp: 1851042
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 13.4 10.5 15.7

Manual Integrations
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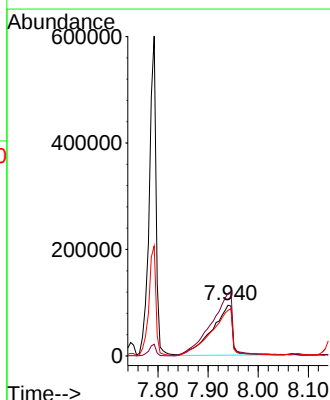
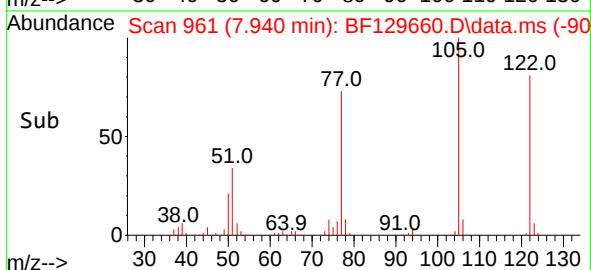
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

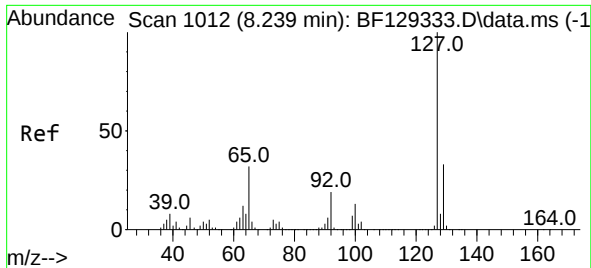


#32
Benzoic acid
Concen: 28.206 ng
RT: 7.940 min Scan# 961
Delta R.T. 0.006 min
Lab File: BF129660.D
Acq: 09 Aug 2022 11:12



Tgt Ion:122 Resp: 275102
Ion Ratio Lower Upper
122 100
105 123.1 107.1 147.1
77 89.9 74.2 114.2





#33
4-Chloroaniline
Concen: 35.040 ng
RT: 8.204 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF129660.D
Acq: 09 Aug 2022 11:12

Instrument :

BNA_F

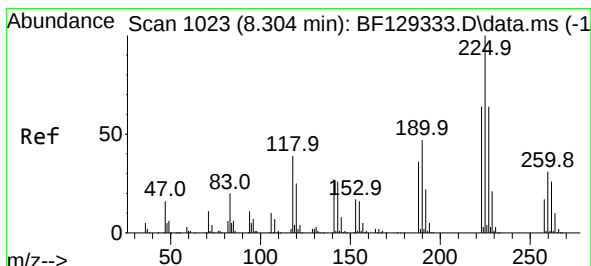
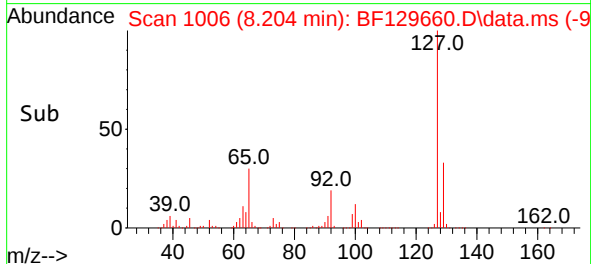
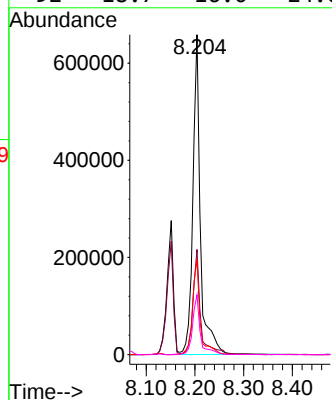
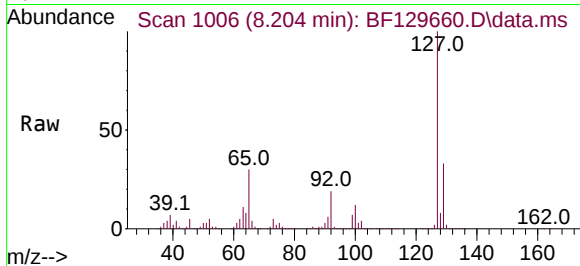
ClientSampleId :

PB146613BS

Tgt Ion:127 Resp: 706383
Ion Ratio Lower Upper
127 100
129 32.9 26.4 39.6
65 29.8 26.4 39.6
92 18.7 16.0 24.0

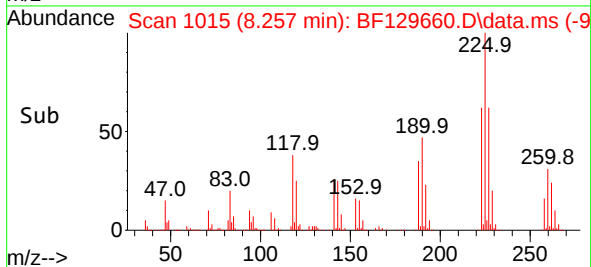
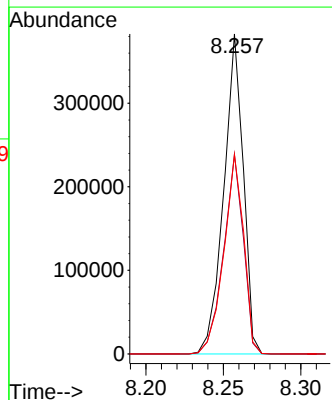
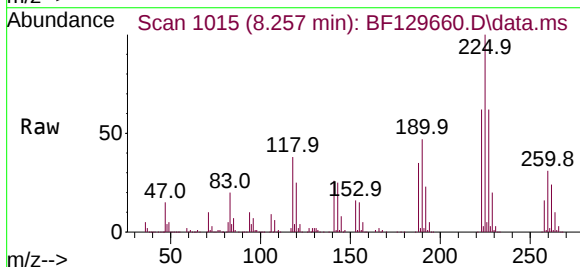
Manual Integrations
APPROVED

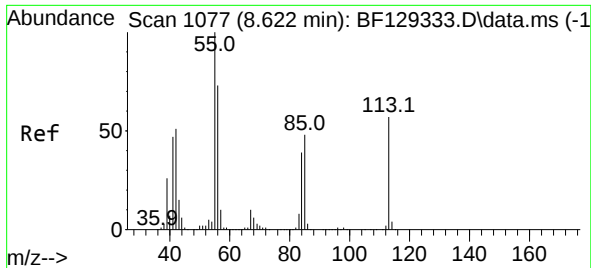
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#34
Hexachlorobutadiene
Concen: 40.960 ng
RT: 8.257 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF129660.D
Acq: 09 Aug 2022 11:12

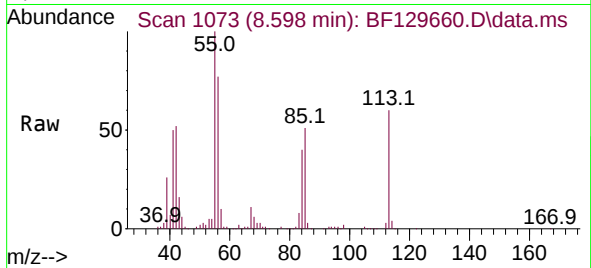
Tgt Ion:225 Resp: 335581
Ion Ratio Lower Upper
225 100
223 62.4 51.0 76.6
227 62.3 51.1 76.7





#35
 Caprolactam
 Concen: 36.725 ng m
 RT: 8.598 min Scan# 1073
 Delta R.T. -0.006 min
 Lab File: BF129660.D
 Acq: 09 Aug 2022 11:12

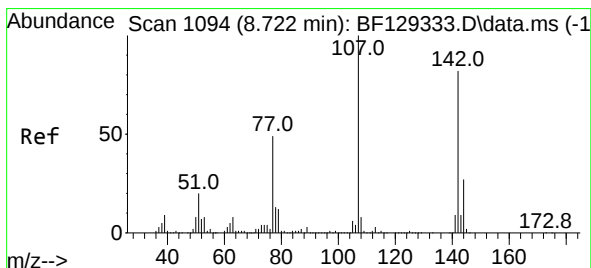
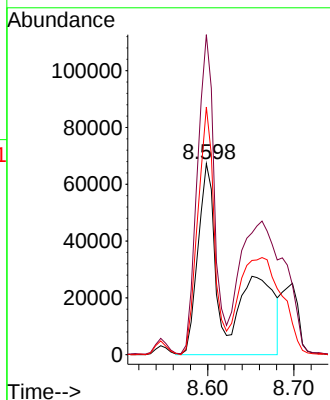
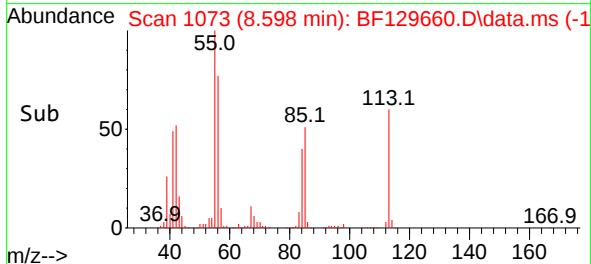
Instrument :
 BNA_F
 ClientSampleId :
 PB146613BS



Tgt Ion:113 Resp: 166260
 Ion Ratio Lower Upper
 113 100
 55 167.6 188.5 228.5
 56 129.6 130.6 170.6

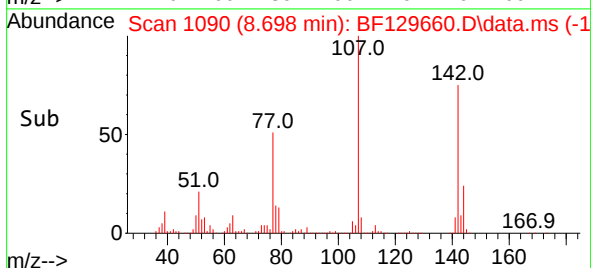
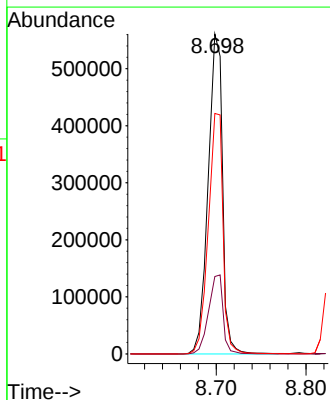
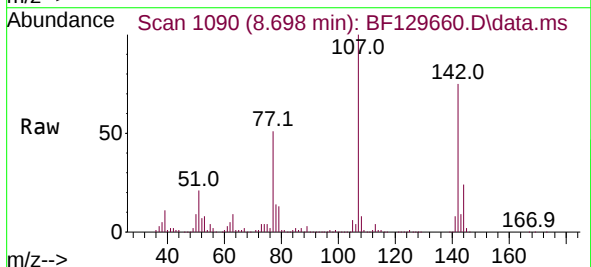
Manual Integrations
 APPROVED

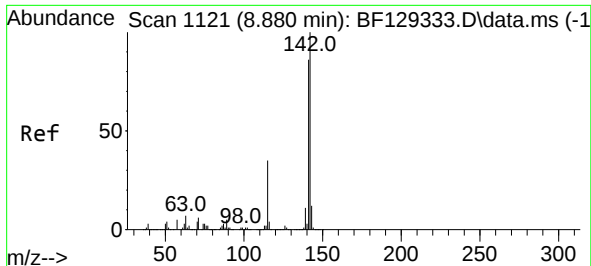
Reviewed By :Christian Giraldo 08/10/2022
 Supervised By :Jagrut Upadhyay 08/10/2022



#36
 4-Chloro-3-methylphenol
 Concen: 42.264 ng
 RT: 8.698 min Scan# 1090
 Delta R.T. -0.006 min
 Lab File: BF129660.D
 Acq: 09 Aug 2022 11:12

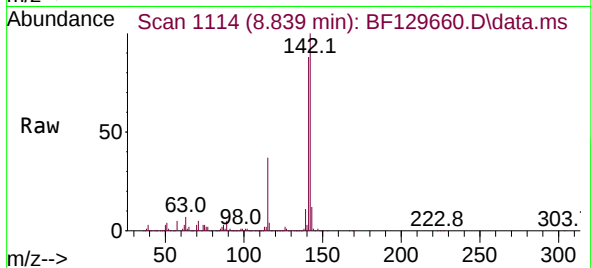
Tgt Ion:107 Resp: 624193
 Ion Ratio Lower Upper
 107 100
 144 24.2 19.5 29.3
 142 75.1 58.2 87.4





#37
2-Methylnaphthalene
Concen: 39.084 ng
RT: 8.839 min Scan# 1114
Delta R.T. -0.012 min
Lab File: BF129660.D
Acq: 09 Aug 2022 11:12

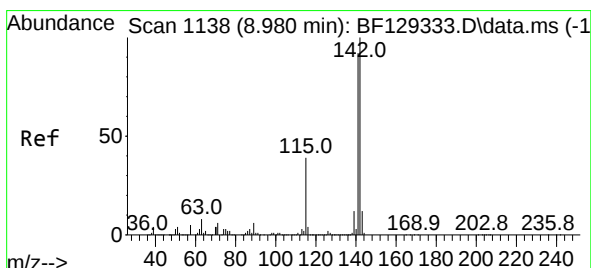
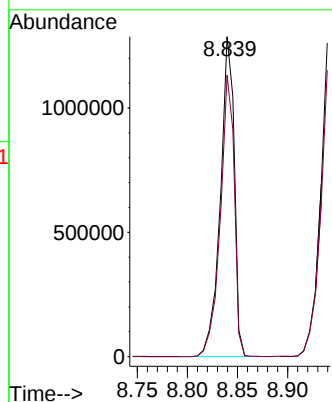
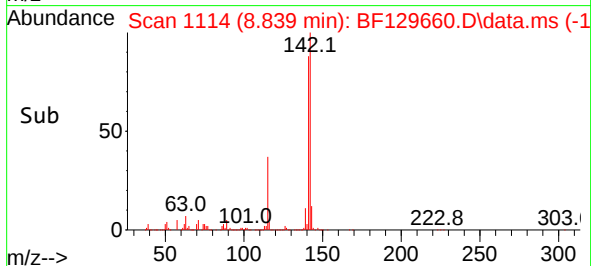
Instrument :
BNA_F
ClientSampleId :
PB146613BS



Tgt Ion:142 Resp: 1247135
Ion Ratio Lower Upper
142 100
141 87.9 71.0 106.4

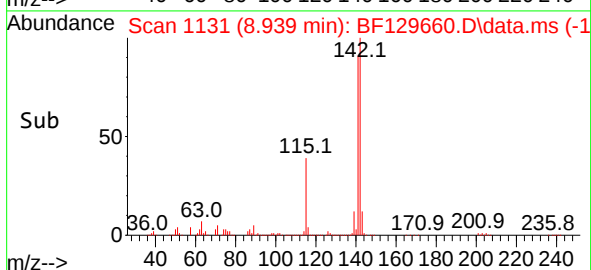
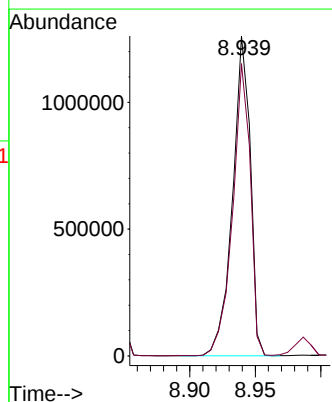
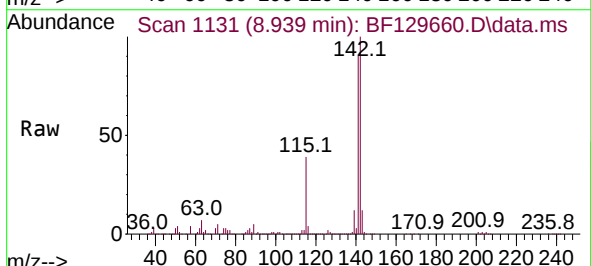
Manual Integrations
APPROVED

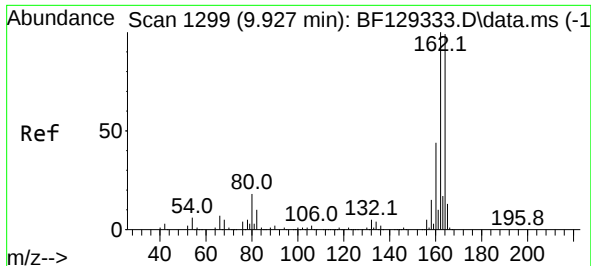
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#38
1-Methylnaphthalene
Concen: 38.396 ng
RT: 8.939 min Scan# 1131
Delta R.T. -0.012 min
Lab File: BF129660.D
Acq: 09 Aug 2022 11:12

Tgt Ion:142 Resp: 1182746
Ion Ratio Lower Upper
142 100
141 91.3 74.2 111.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1143

Delta R.T. -0.006 min

Lab File: BF129660.D

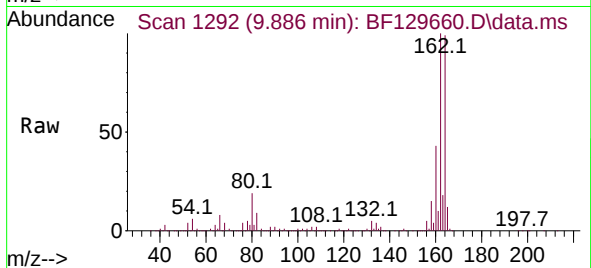
Acq: 09 Aug 2022 11:12

Instrument :

BNA_F

ClientSampleId :

PB146613BS



Tgt Ion:164 Resp: 515548

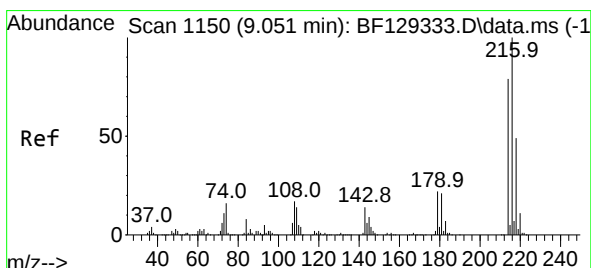
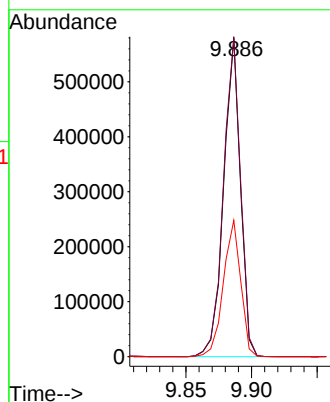
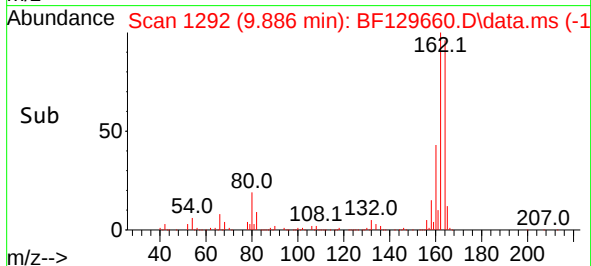
Ion	Ratio	Lower	Upper
164	100		
162	100.6	79.5	119.3
160	42.9	34.2	51.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/10/2022

Supervised By :Jagrut Upadhyay 08/10/2022



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.587 ng

RT: 9.010 min Scan# 1143

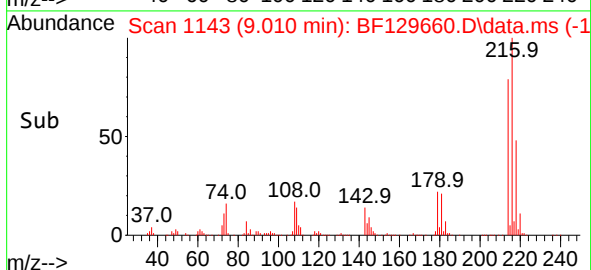
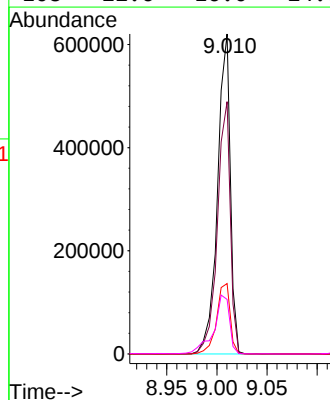
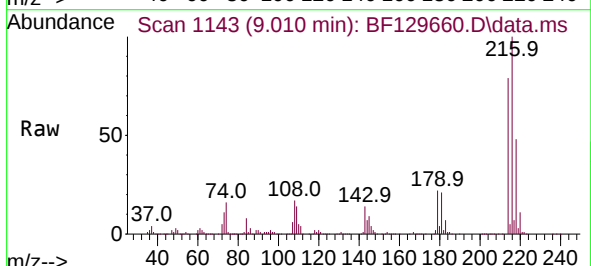
Delta R.T. -0.006 min

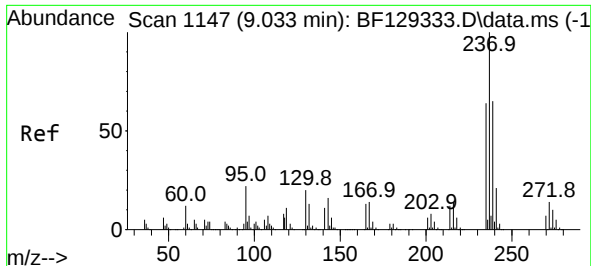
Lab File: BF129660.D

Acq: 09 Aug 2022 11:12

Tgt Ion:216 Resp: 549438

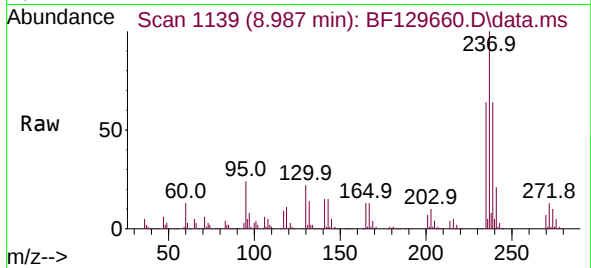
Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.6	95.4
179	23.2	17.0	25.6
108	22.6	16.0	24.0





#41
Hexachlorocyclopentadiene
Concen: 77.358 ng
RT: 8.987 min Scan# 1147
Delta R.T. -0.012 min
Lab File: BF129660.D
Acq: 09 Aug 2022 11:12

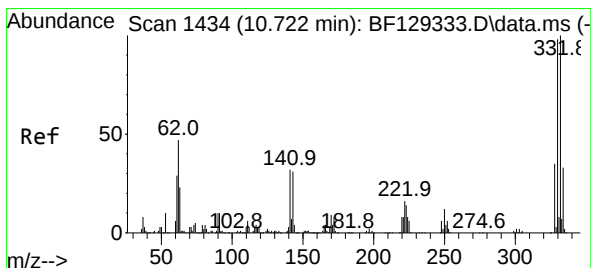
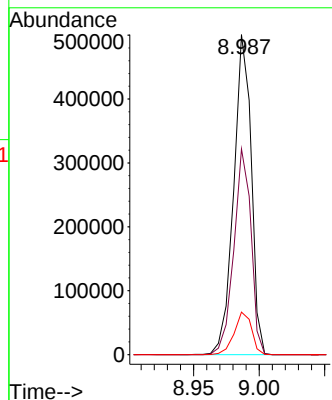
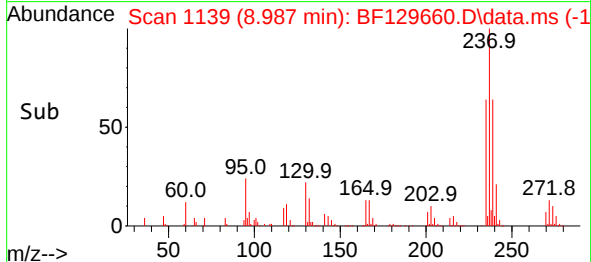
Instrument :
BNA_F
ClientSampleId :
PB146613BS



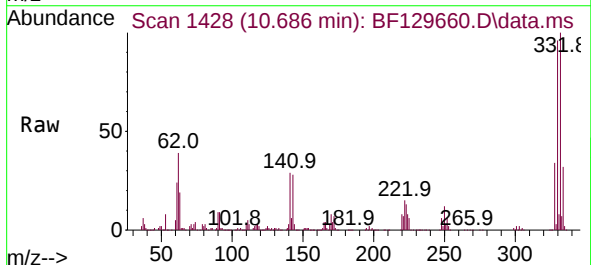
Tgt Ion:237 Resp: 466310
Ion Ratio Lower Upper
237 100
235 64.3 43.2 83.2
272 13.3 0.0 31.9

Manual Integrations
APPROVED

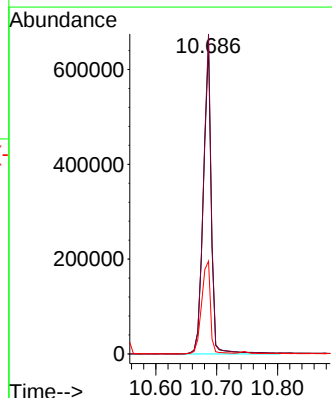
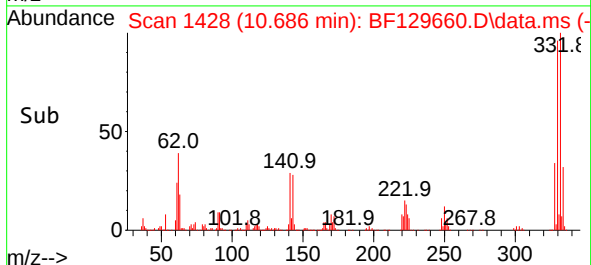
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

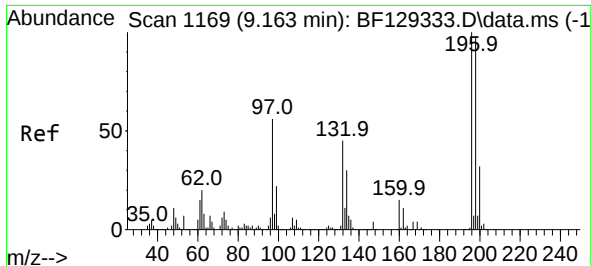


#42
2,4,6-Tribromophenol
Concen: 118.604 ng
RT: 10.686 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BF129660.D
Acq: 09 Aug 2022 11:12



Tgt Ion:330 Resp: 587875
Ion Ratio Lower Upper
330 100
332 102.9 76.8 115.2
141 33.6 28.0 42.0





#43

2,4,6-Trichlorophenol

Concen: 38.164 ng

RT: 9.128 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF129660.D

Acq: 09 Aug 2022 11:12

Instrument :

BNA_F

ClientSampleId :

PB146613BS

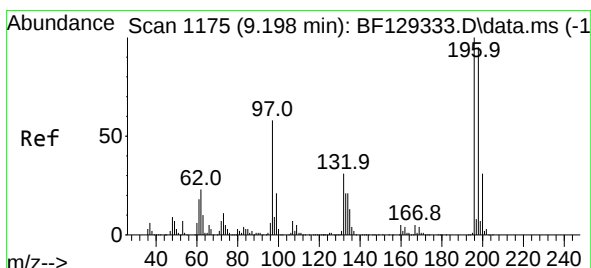
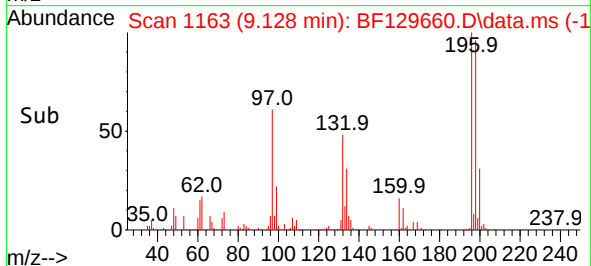
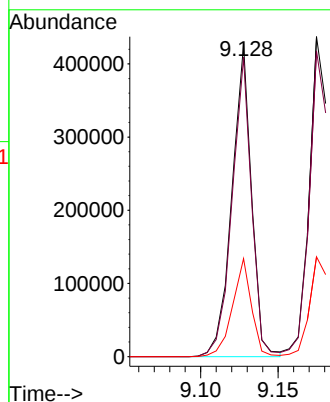
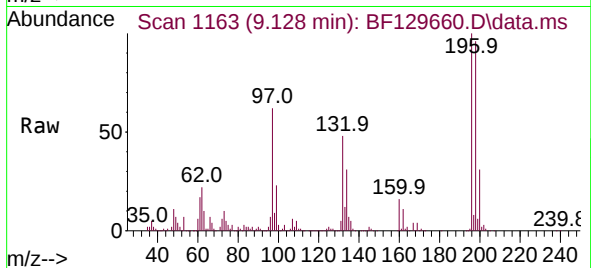
Tgt Ion:196 Resp: 375239
 Ion Ratio Lower Upper
 196 100
 198 95.8 74.0 111.0
 200 31.4 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/10/2022

Supervised By :Jagrut Upadhyay 08/10/2022



#44

2,4,5-Trichlorophenol

Concen: 36.872 ng

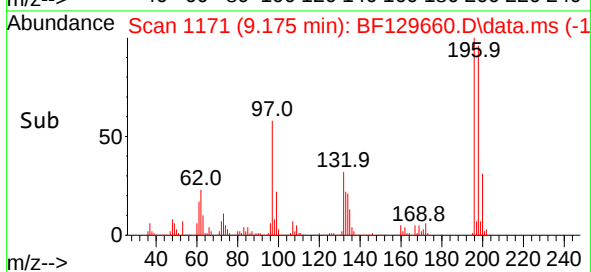
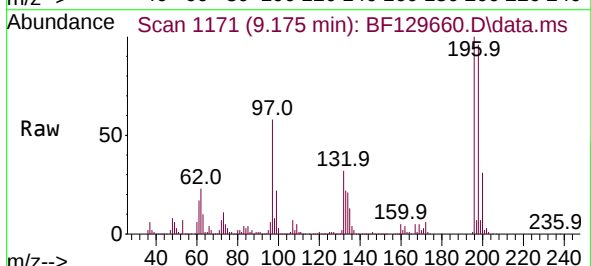
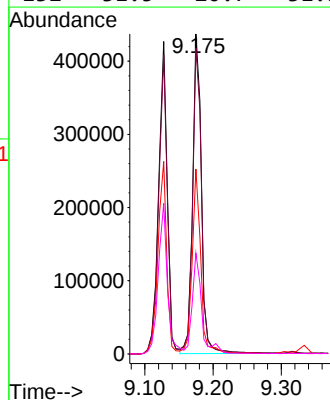
RT: 9.175 min Scan# 1171

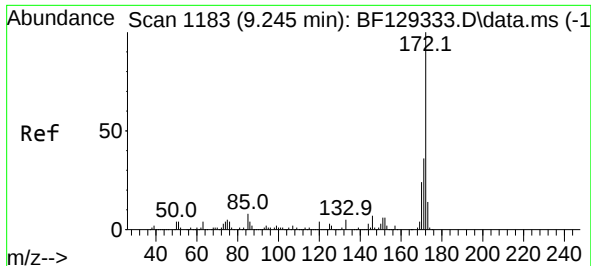
Delta R.T. -0.006 min

Lab File: BF129660.D

Acq: 09 Aug 2022 11:12

Tgt Ion:196 Resp: 394248
 Ion Ratio Lower Upper
 196 100
 198 95.5 75.7 113.5
 97 57.7 36.4 54.6#
 132 31.5 20.7 31.1#





#45
2-Fluorobiphenyl
Concen: 71.769 ng
RT: 9.204 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BF129660.D
Acq: 09 Aug 2022 11:12

Instrument :

BNA_F

ClientSampleId :

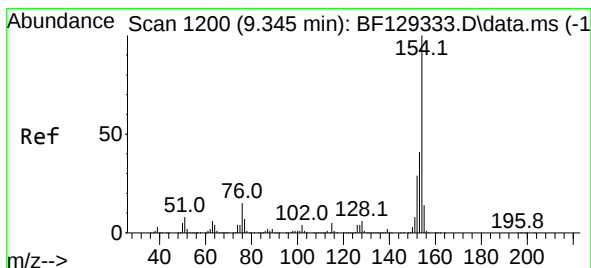
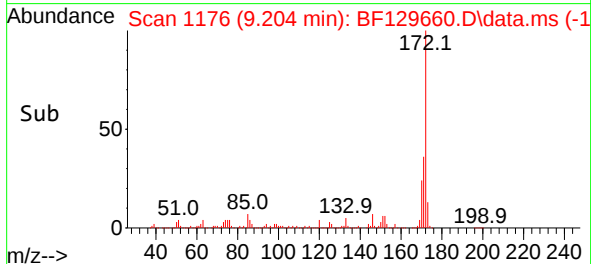
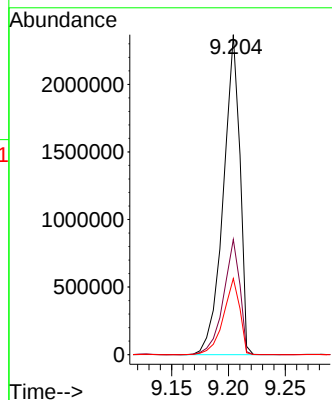
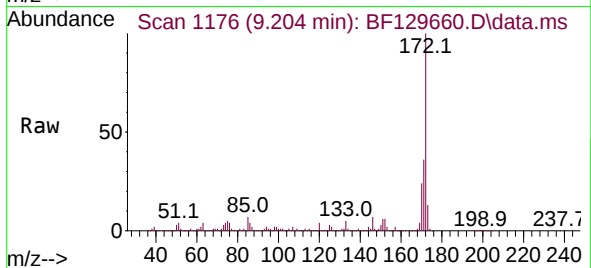
PB146613BS

Tgt Ion:172 Resp: 2391813
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 23.8 19.8 29.8

Manual Integrations

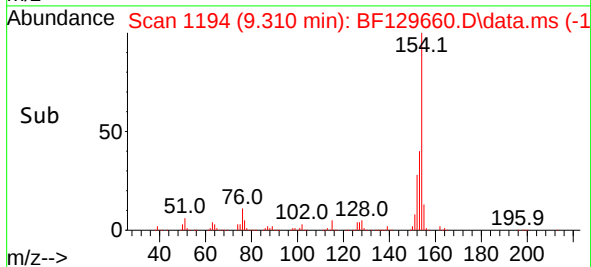
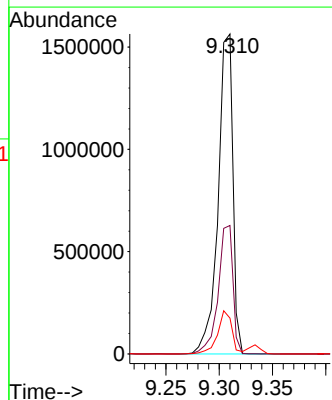
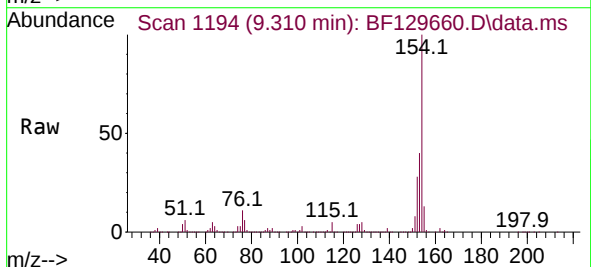
APPROVED

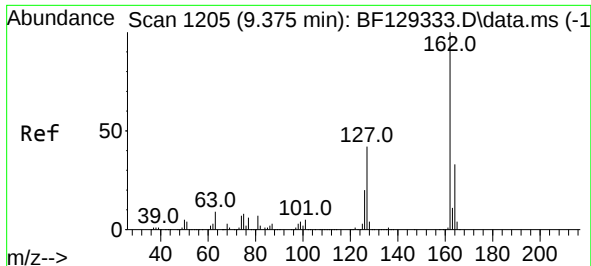
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#46
1,1'-Biphenyl
Concen: 40.155 ng
RT: 9.310 min Scan# 1194
Delta R.T. -0.006 min
Lab File: BF129660.D
Acq: 09 Aug 2022 11:12

Tgt Ion:154 Resp: 1510829
Ion Ratio Lower Upper
154 100
153 40.1 20.6 60.6
76 11.2 0.0 33.3





#47

2-Chloronaphthalene

Concen: 38.424 ng

RT: 9.334 min Scan# 1118

Delta R.T. -0.006 min

Lab File: BF129660.D

Acq: 09 Aug 2022 11:12

Instrument :

BNA_F

ClientSampleId :

PB146613BS

Tgt Ion:162 Resp: 1168692

Ion Ratio Lower Upper

162 100

127 44.0 34.5 51.7

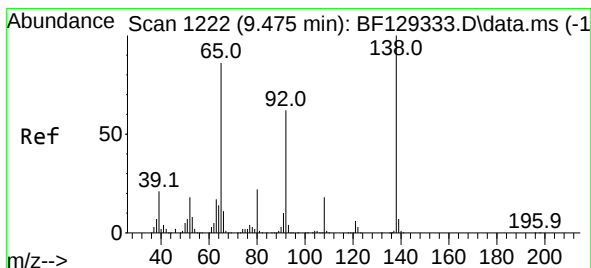
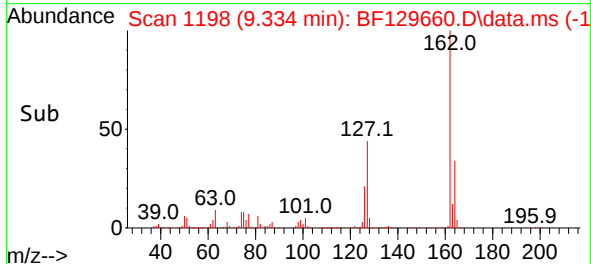
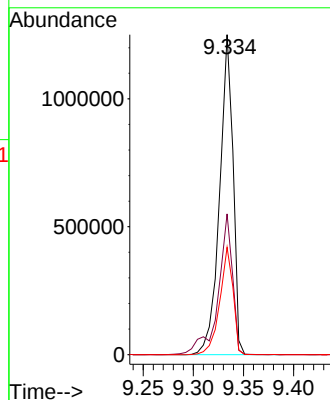
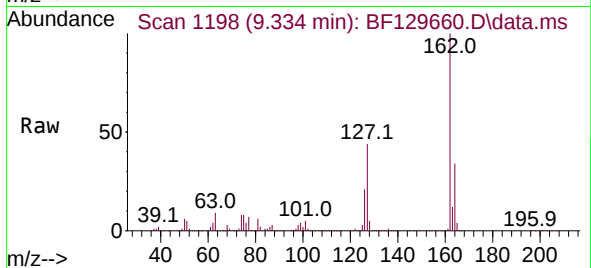
164 33.5 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/10/2022

Supervised By :Jagrut Upadhyay 08/10/2022



#48

2-Nitroaniline

Concen: 37.596 ng

RT: 9.439 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF129660.D

Acq: 09 Aug 2022 11:12

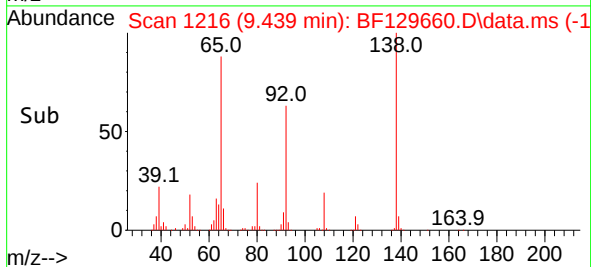
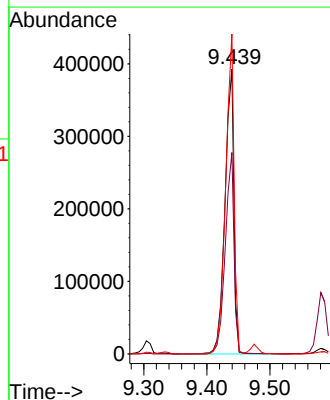
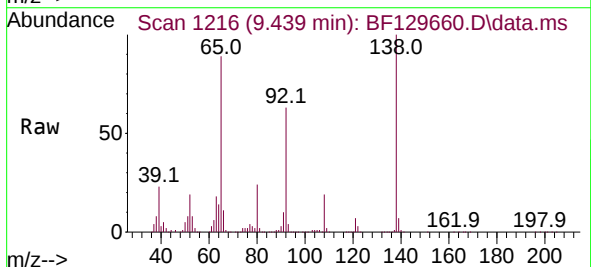
Tgt Ion: 65 Resp: 380244

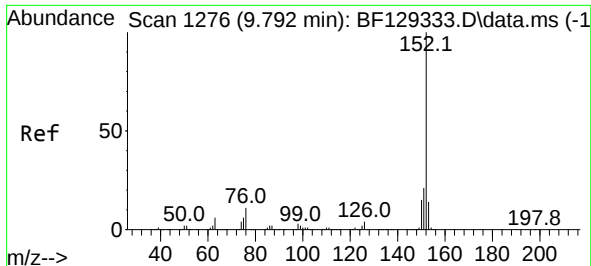
Ion Ratio Lower Upper

65 100

92 70.7 51.9 77.9

138 112.4 76.4 114.6





#49

Acenaphthylene

Concen: 37.856 ng

RT: 9.751 min Scan# 1269

Delta R.T. -0.006 min

Lab File: BF129660.D

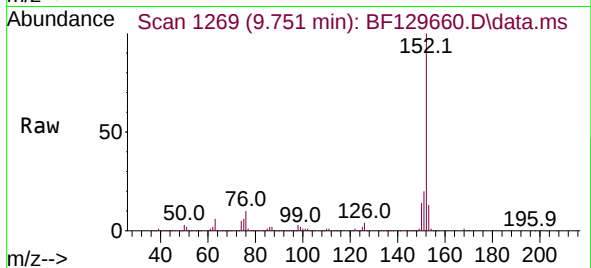
Acq: 09 Aug 2022 11:12

Instrument :

BNA_F

ClientSampleId :

PB146613BS



Tgt Ion:152 Resp: 1749582

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.4

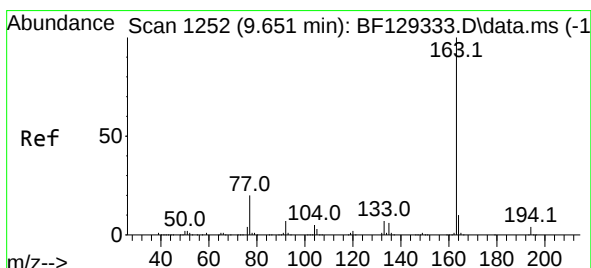
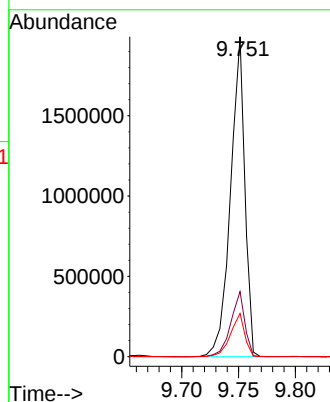
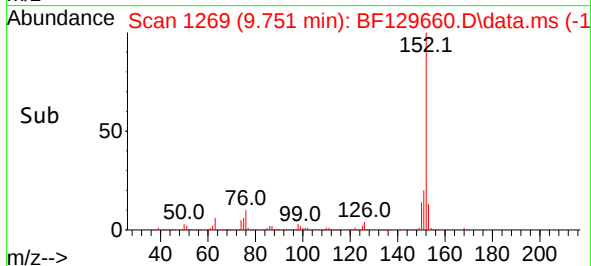
153 13.5 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/10/2022

Supervised By :Jagrut Upadhyay 08/10/2022



#50

Dimethylphthalate

Concen: 40.538 ng

RT: 9.610 min Scan# 1245

Delta R.T. -0.006 min

Lab File: BF129660.D

Acq: 09 Aug 2022 11:12

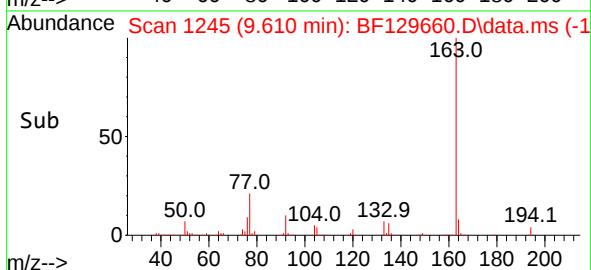
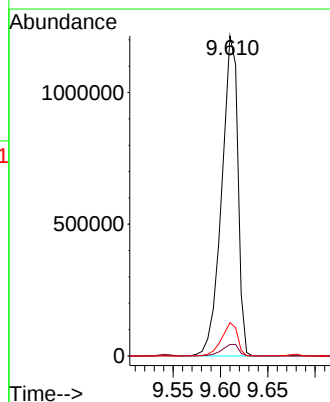
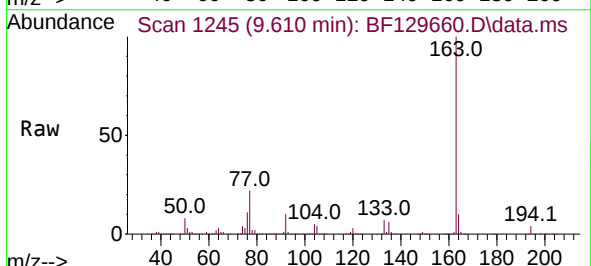
Tgt Ion:163 Resp: 1442754

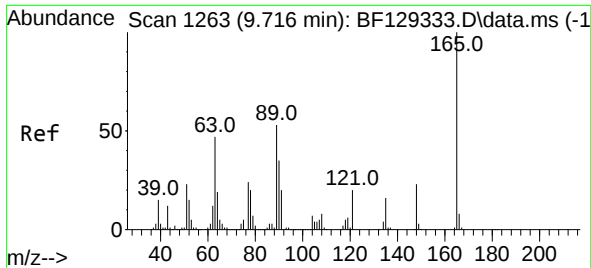
Ion Ratio Lower Upper

163 100

194 3.6 3.2 4.8

164 10.4 8.2 12.2





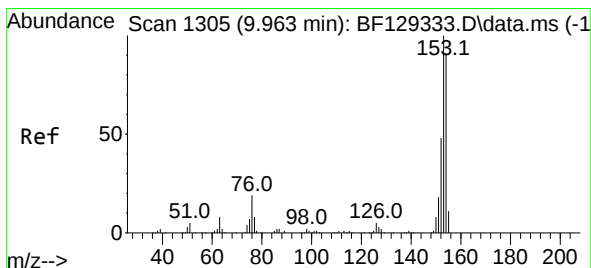
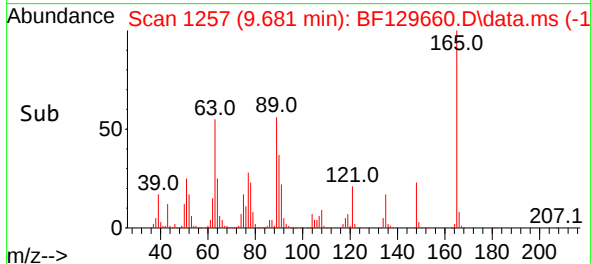
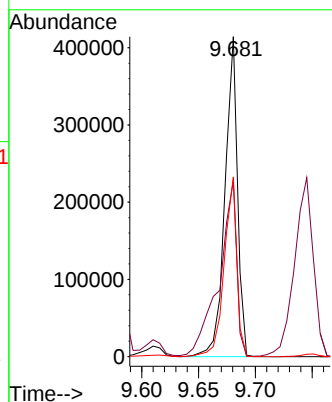
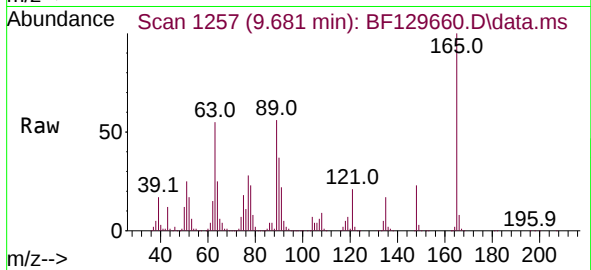
#51
2,6-Dinitrotoluene
Concen: 39.862 ng
RT: 9.681 min Scan# 1263
Delta R.T. 0.000 min
Lab File: BF129660.D
Acq: 09 Aug 2022 11:12

Instrument :
BNA_F
ClientSampleId :
PB146613BS

Tgt Ion:165 Resp: 317526
Ion Ratio Lower Upper
165 100
63 54.9 44.9 67.3
89 56.1 43.6 65.4

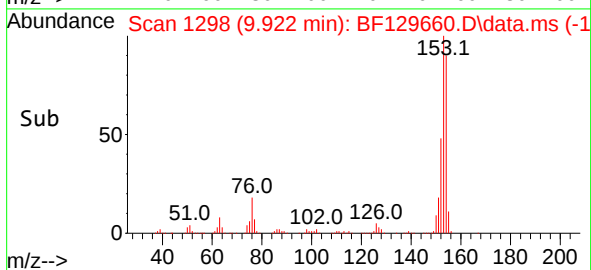
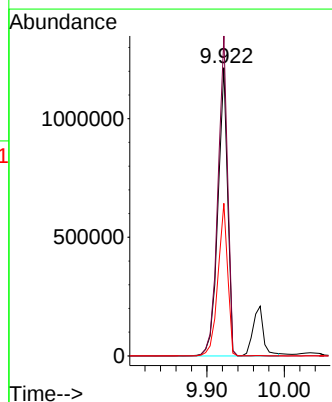
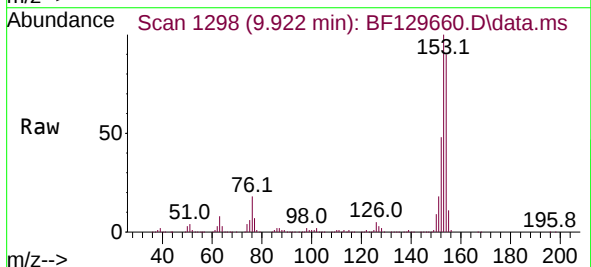
Manual Integrations
APPROVED

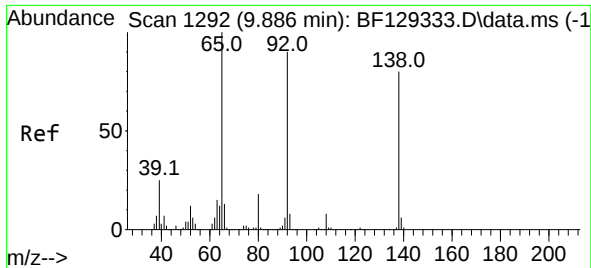
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#52
Acenaphthene
Concen: 41.767 ng m
RT: 9.922 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BF129660.D
Acq: 09 Aug 2022 11:12

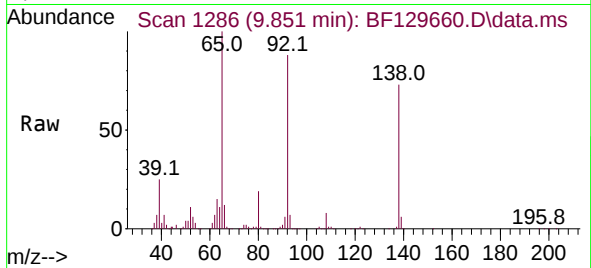
Tgt Ion:154 Resp: 1260790
Ion Ratio Lower Upper
154 100
153 111.0 89.6 134.4
152 53.0 42.4 63.6





#53
3-Nitroaniline
Concen: 30.063 ng
RT: 9.851 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BF129660.D
Acq: 09 Aug 2022 11:12

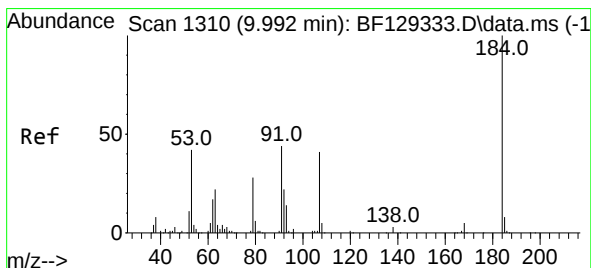
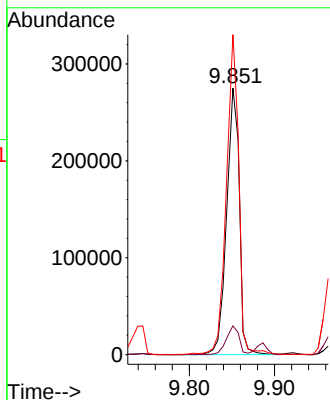
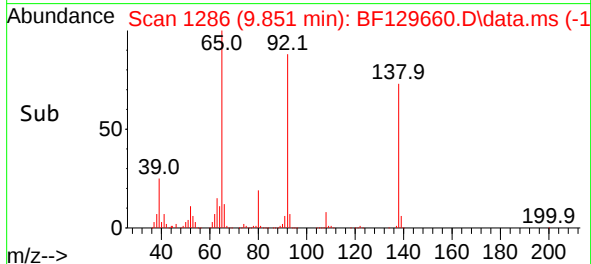
Instrument :
BNA_F
ClientSampleId :
PB146613BS



Tgt Ion:138 Resp: 282775
Ion Ratio Lower Upper
138 100
108 10.8 10.9 16.3#
92 120.1 98.2 147.2

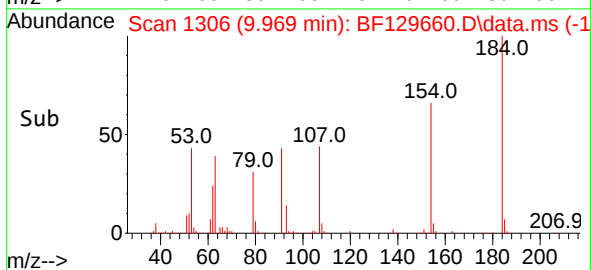
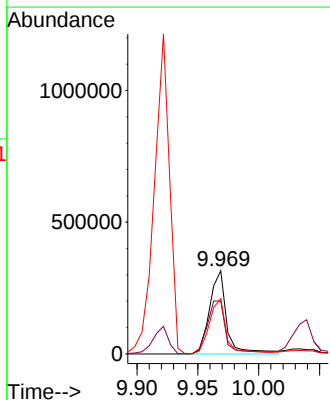
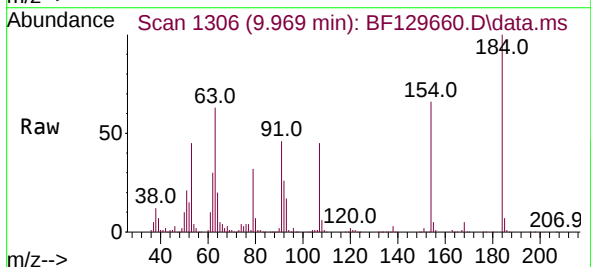
Manual Integrations
APPROVED

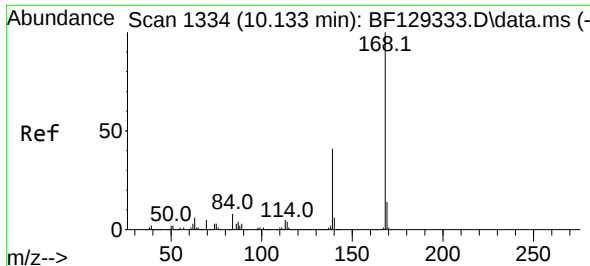
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#54
2,4-Dinitrophenol
Concen: 76.030 ng
RT: 9.969 min Scan# 1306
Delta R.T. 0.006 min
Lab File: BF129660.D
Acq: 09 Aug 2022 11:12

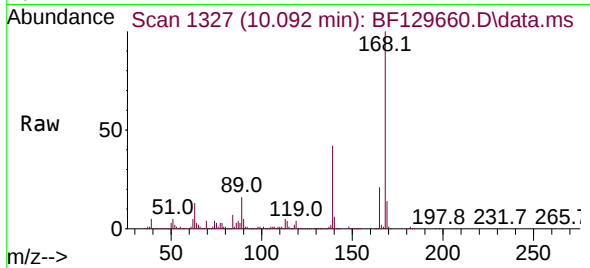
Tgt Ion:184 Resp: 309176
Ion Ratio Lower Upper
184 100
63 63.3 64.5 96.7#
154 66.4 50.6 75.8





#55
Dibenzenofuran
Concen: 38.047 ng
RT: 10.092 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF129660.D
Acq: 09 Aug 2022 11:12

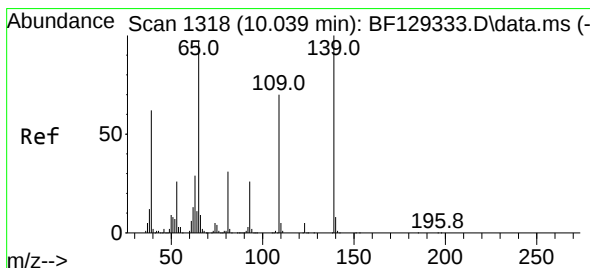
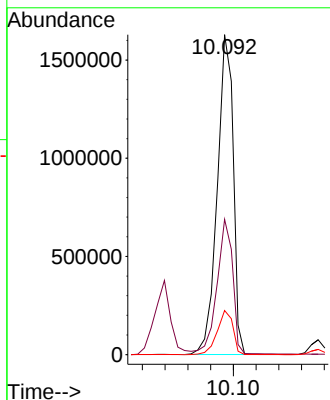
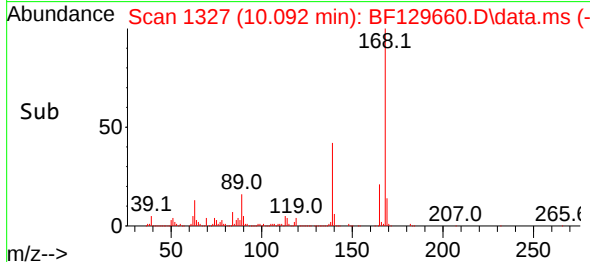
Instrument :
BNA_F
ClientSampleId :
PB146613BS



Tgt Ion:168 Resp: 1583216
Ion Ratio Lower Upper
168 100
139 42.3 30.6 46.0
169 13.8 11.0 16.6

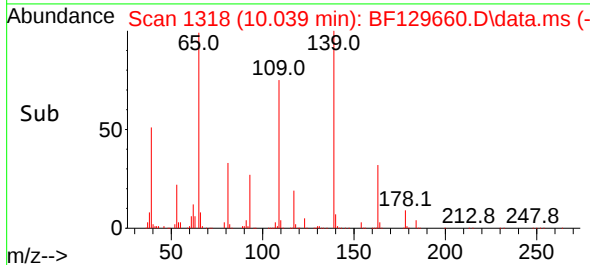
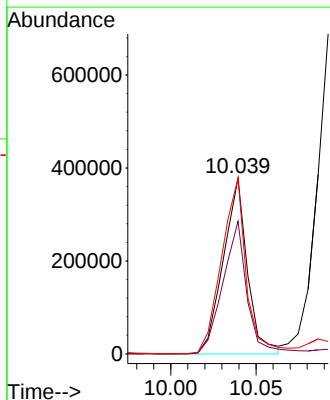
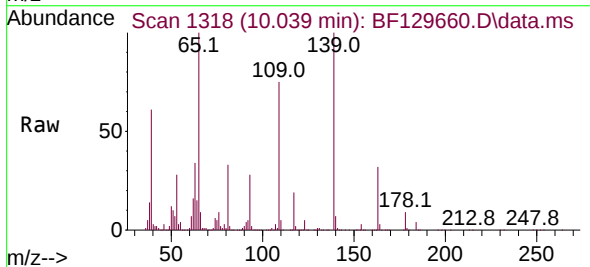
Manual Integrations
APPROVED

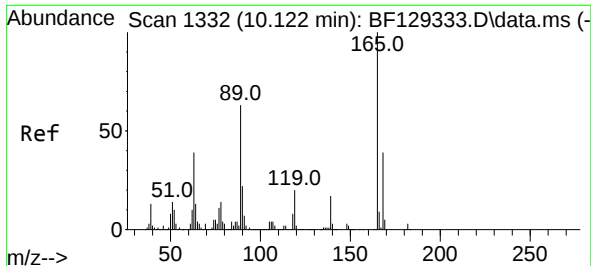
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#56
4-Nitrophenol
Concen: 53.660 ng
RT: 10.039 min Scan# 1318
Delta R.T. 0.006 min
Lab File: BF129660.D
Acq: 09 Aug 2022 11:12

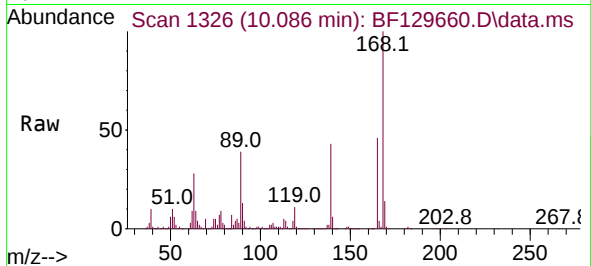
Tgt Ion:139 Resp: 372371
Ion Ratio Lower Upper
139 100
109 75.5 50.7 90.7
65 100.2 74.5 114.5





#57
2,4-Dinitrotoluene
Concen: 38.414 ng
RT: 10.086 min Scan# 1332
Delta R.T. 0.000 min
Lab File: BF129660.D
Acq: 09 Aug 2022 11:12

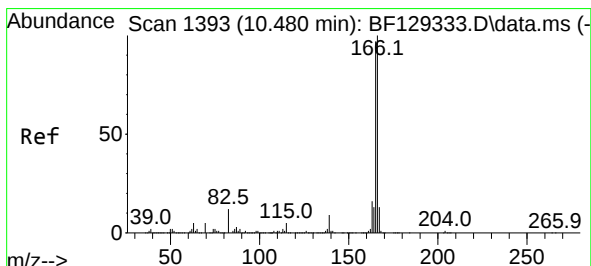
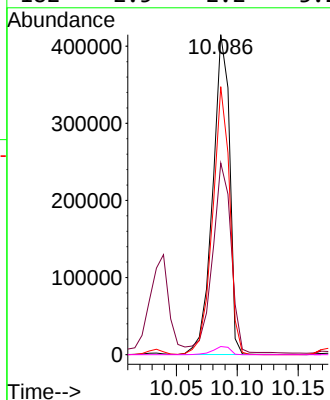
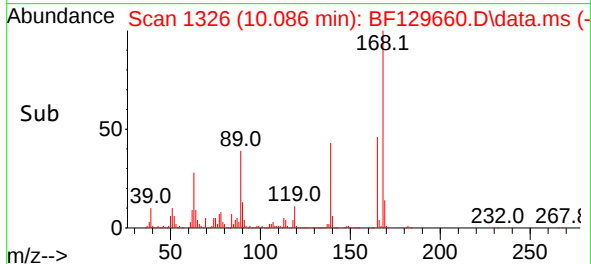
Instrument :
BNA_F
ClientSampleId :
PB146613BS



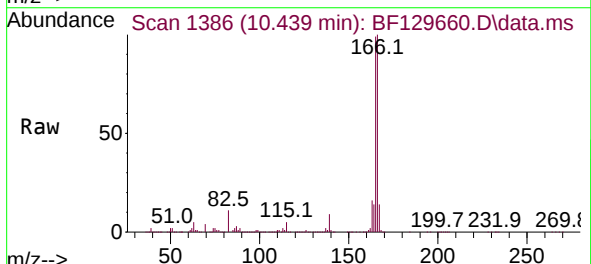
Tgt Ion:165 Resp: 399733
Ion Ratio Lower Upper
165 100
63 59.9 39.8 59.6
89 83.7 60.2 90.2
182 2.5 2.2 3.2

Manual Integrations
APPROVED

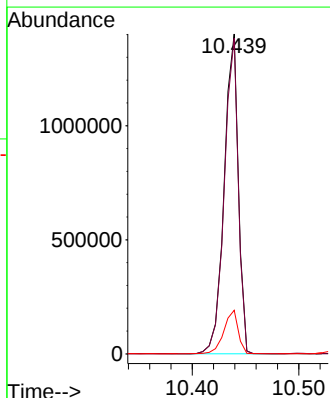
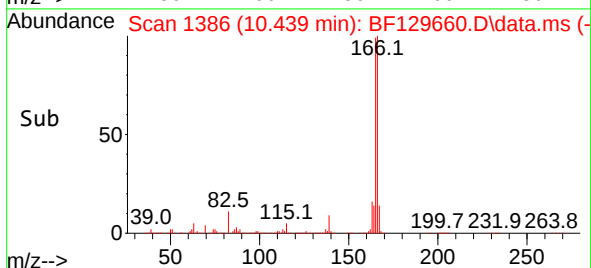
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

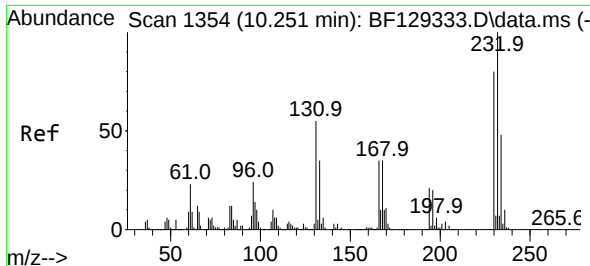


#58
Fluorene
Concen: 38.887 ng
RT: 10.439 min Scan# 1386
Delta R.T. -0.006 min
Lab File: BF129660.D
Acq: 09 Aug 2022 11:12



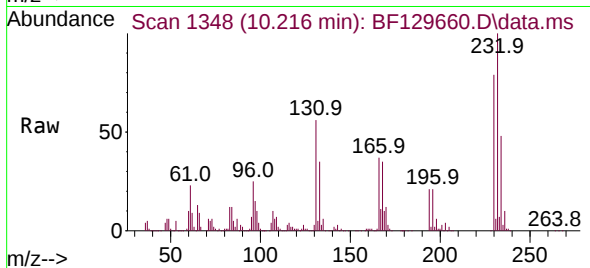
Tgt Ion:166 Resp: 1294748
Ion Ratio Lower Upper
166 100
165 98.6 78.1 117.1
167 13.6 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 34.758 ng
RT: 10.216 min Scan# 1348
Delta R.T. -0.006 min
Lab File: BF129660.D
Acq: 09 Aug 2022 11:12

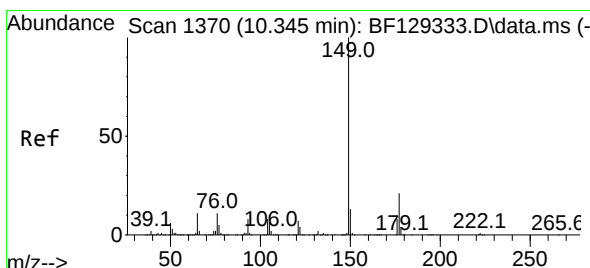
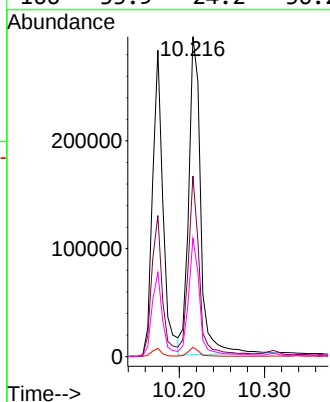
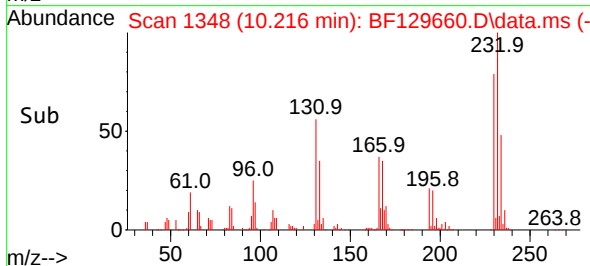
Instrument :
BNA_F
ClientSampleId :
PB146613BS



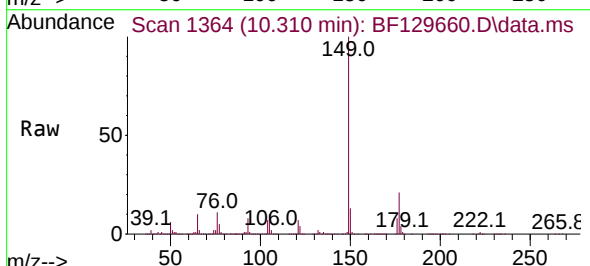
Tgt Ion:232 Resp: 287201
Ion Ratio Lower Upper
232 100
131 50.5 36.1 54.1
130 2.5 1.8 2.8
166 33.9 24.2 36.2

Manual Integrations
APPROVED

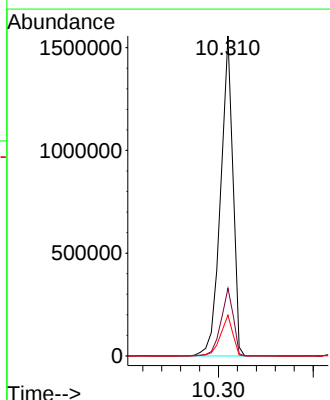
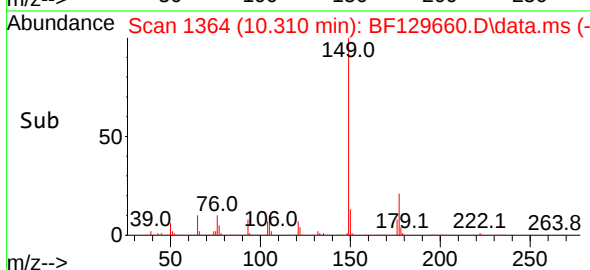
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

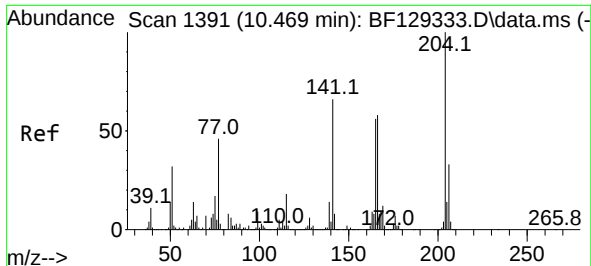


#60
Diethylphthalate
Concen: 40.726 ng
RT: 10.310 min Scan# 1364
Delta R.T. -0.006 min
Lab File: BF129660.D
Acq: 09 Aug 2022 11:12



Tgt Ion:149 Resp: 1401156
Ion Ratio Lower Upper
149 100
177 21.1 17.3 25.9
150 12.7 10.2 15.2





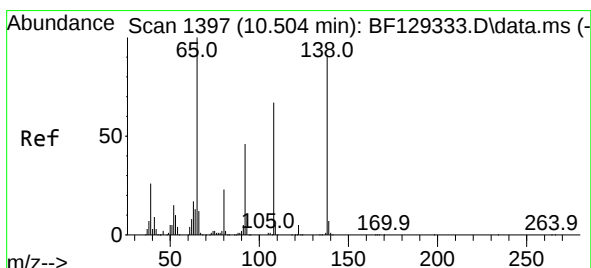
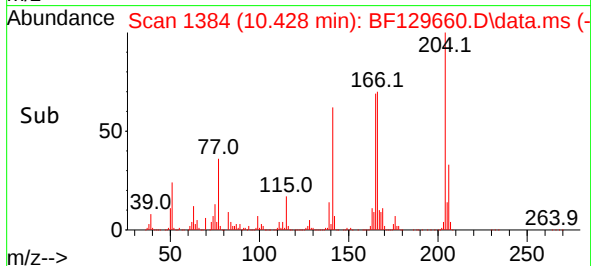
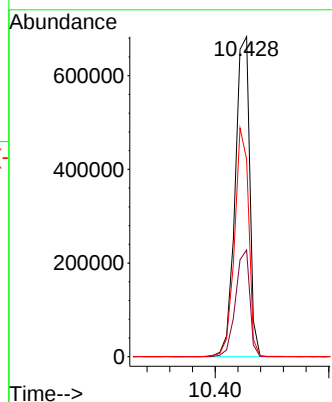
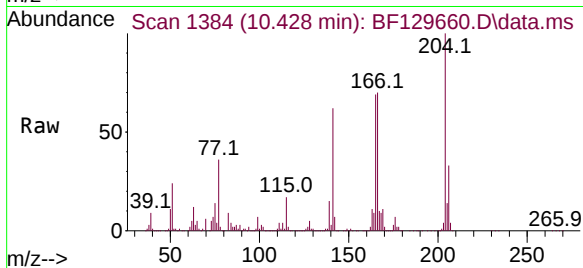
#61
4-Chlorophenyl-phenylether
Concen: 41.497 ng
RT: 10.428 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF129660.D
Acq: 09 Aug 2022 11:12

Instrument :
BNA_F
ClientSampleId :
PB146613BS

Tgt Ion:204 Resp: 609112
Ion Ratio Lower Upper
204 100
206 33.3 25.8 38.6
141 61.7 47.0 70.4

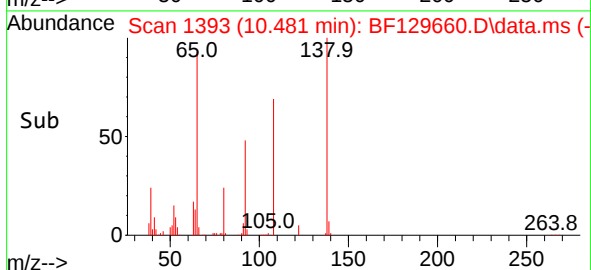
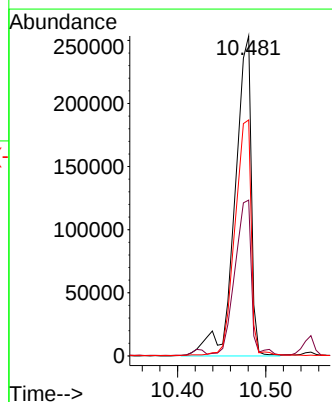
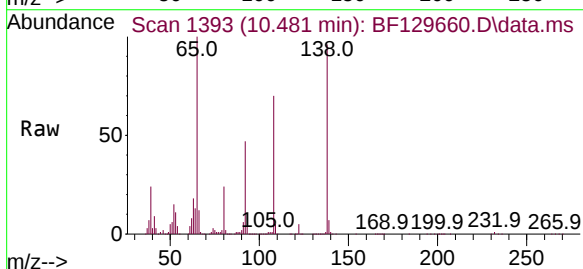
Manual Integrations
APPROVED

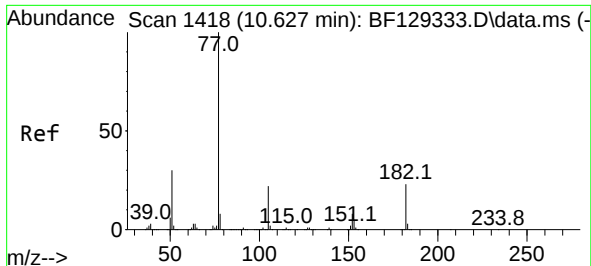
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#62
4-Nitroaniline
Concen: 34.919 ng m
RT: 10.481 min Scan# 1393
Delta R.T. 0.006 min
Lab File: BF129660.D
Acq: 09 Aug 2022 11:12

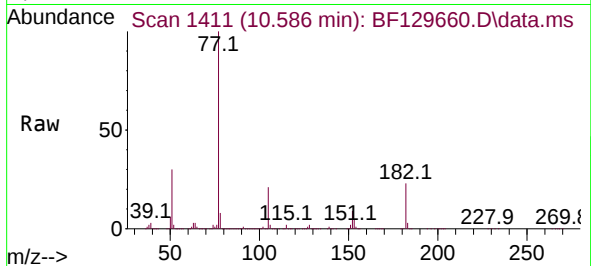
Tgt Ion:138 Resp: 325836
Ion Ratio Lower Upper
138 100
92 48.7 33.5 73.5
108 73.7 61.0 101.0





#63
Azobenzene
Concen: 38.054 ng
RT: 10.586 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF129660.D
Acq: 09 Aug 2022 11:12

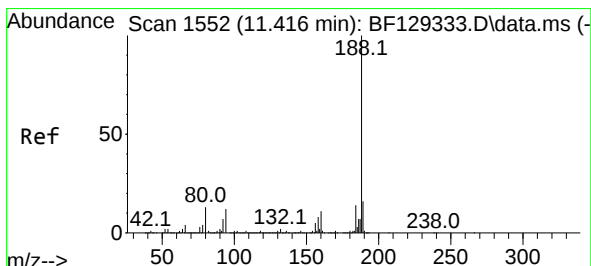
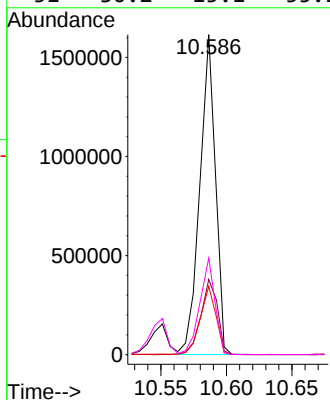
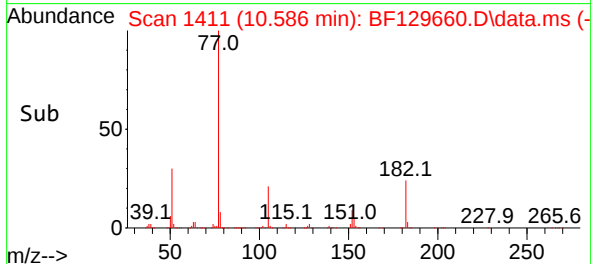
Instrument :
BNA_F
ClientSampleId :
PB146613BS



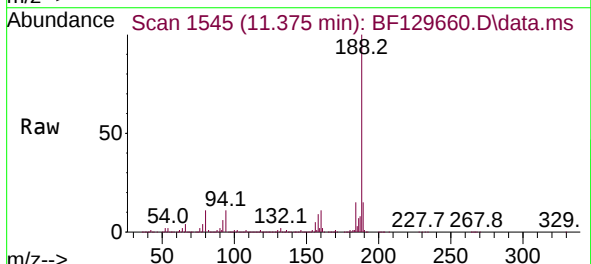
Tgt Ion: 77 Resp: 133537
Ion Ratio Lower Upper
77 100
182 23.5 5.6 45.6
105 21.3 1.6 41.6
51 30.2 15.1 55.1

Manual Integrations
APPROVED

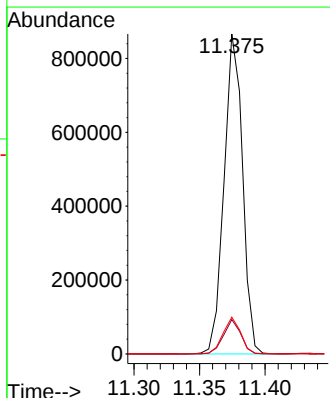
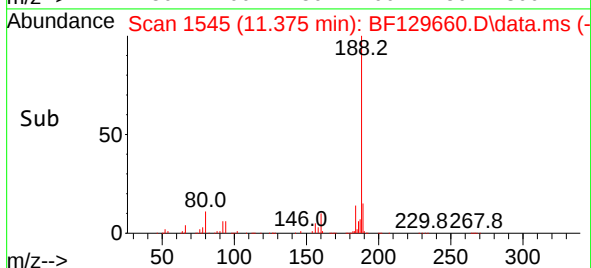
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

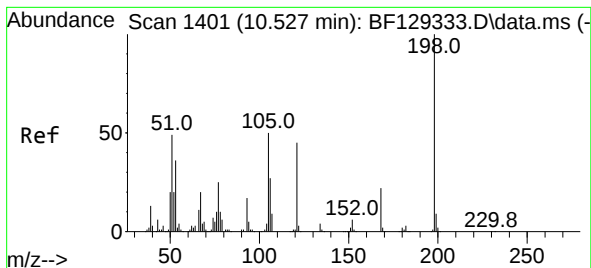


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1545
Delta R.T. -0.006 min
Lab File: BF129660.D
Acq: 09 Aug 2022 11:12



Tgt Ion:188 Resp: 848785
Ion Ratio Lower Upper
188 100
94 10.7 7.0 10.6#
80 11.5 7.6 11.4#





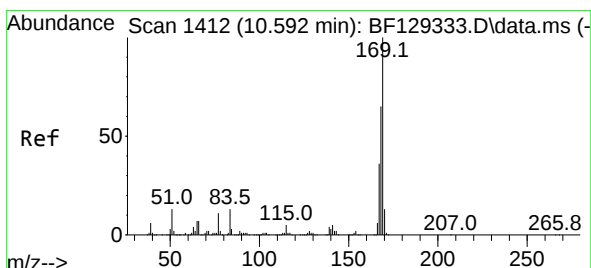
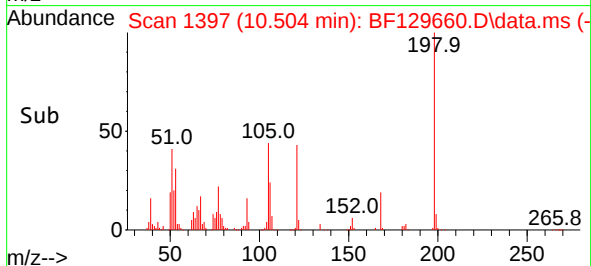
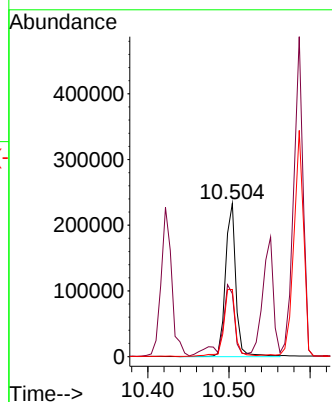
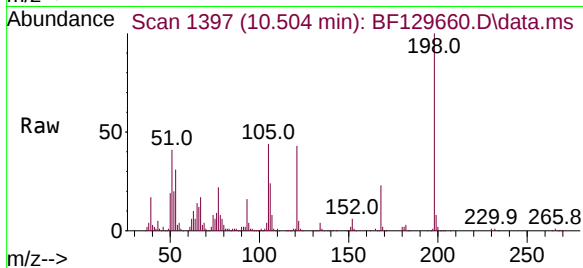
#65
4,6-Dinitro-2-methylphenol
Concen: 38.390 ng
RT: 10.504 min Scan# 1397
Delta R.T. 0.000 min
Lab File: BF129660.D
Acq: 09 Aug 2022 11:12

Instrument :
BNA_F
ClientSampleId :
PB146613BS

Tgt Ion:198 Resp: 205669
Ion Ratio Lower Upper
198 100
51 41.1 37.6 77.6
105 43.8 27.0 67.0

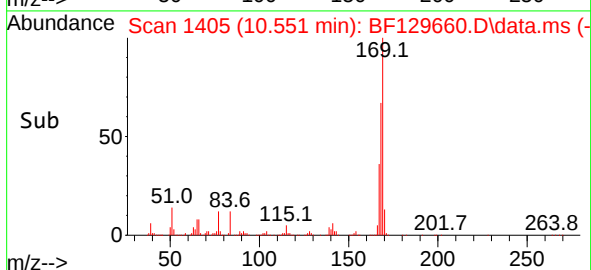
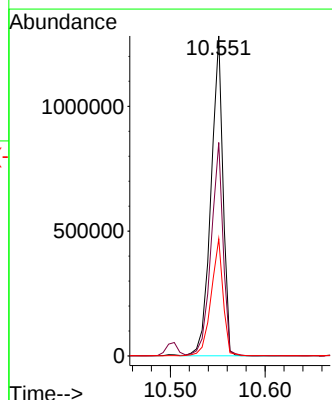
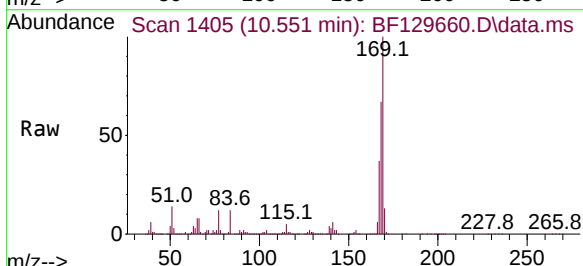
Manual Integrations
APPROVED

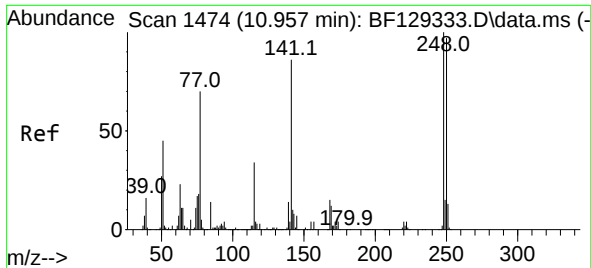
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#66
n-Nitrosodiphenylamine
Concen: 39.961 ng
RT: 10.551 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF129660.D
Acq: 09 Aug 2022 11:12

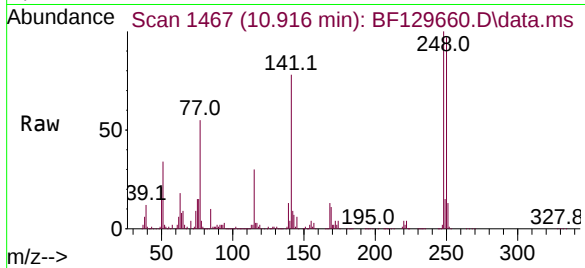
Tgt Ion:169 Resp: 1129563
Ion Ratio Lower Upper
169 100
168 66.7 50.1 75.1
167 36.6 27.9 41.9





#67
4-Bromophenyl-phenylether
Concen: 43.193 ng
RT: 10.916 min Scan# 1467
Delta R.T. -0.006 min
Lab File: BF129660.D
Acq: 09 Aug 2022 11:12

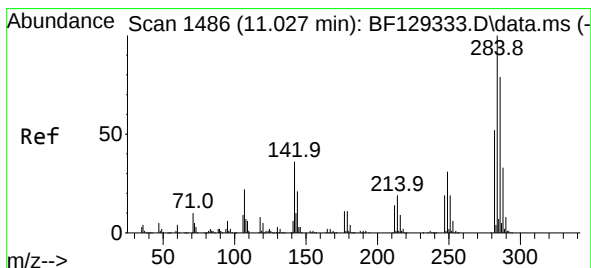
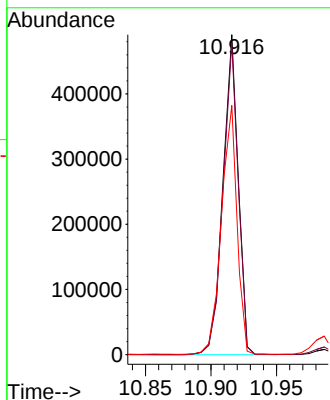
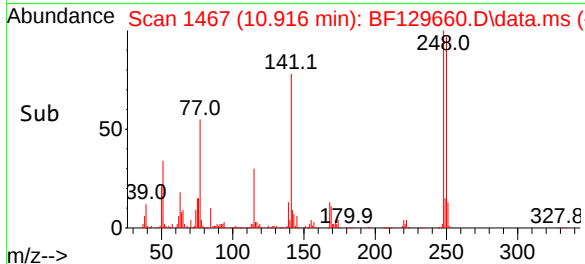
Instrument :
BNA_F
ClientSampleId :
PB146613BS



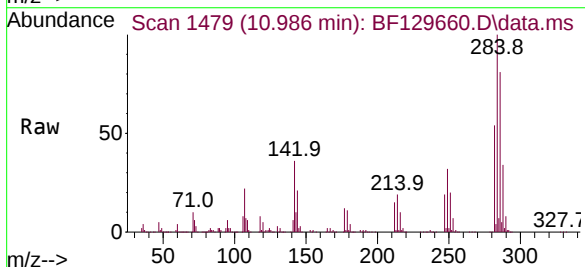
Tgt Ion:248 Resp: 401456
Ion Ratio Lower Upper
248 100
250 97.5 80.6 120.8
141 77.9 58.9 88.3

Manual Integrations
APPROVED

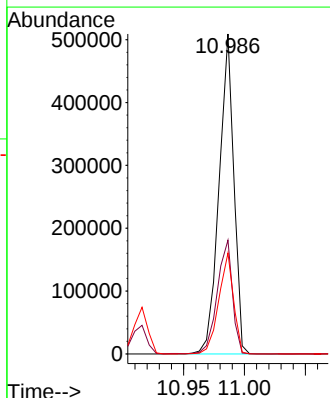
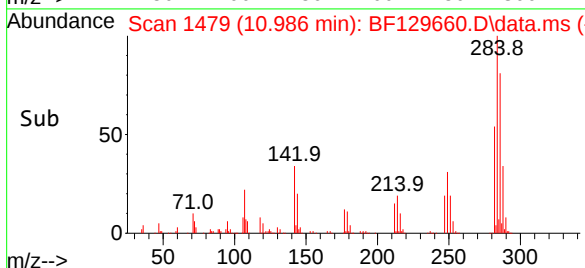
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

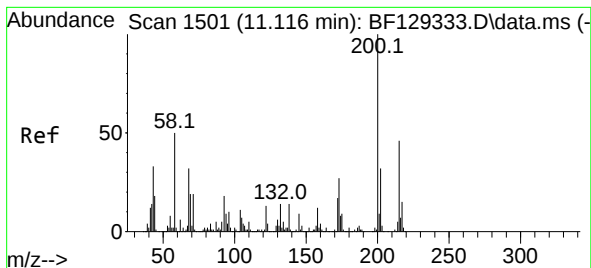


#68
Hexachlorobenzene
Concen: 42.648 ng
RT: 10.986 min Scan# 1479
Delta R.T. -0.006 min
Lab File: BF129660.D
Acq: 09 Aug 2022 11:12



Tgt Ion:284 Resp: 429503
Ion Ratio Lower Upper
284 100
142 35.5 29.0 43.4
249 31.6 25.0 37.6





#69

Atrazine

Concen: 44.745 ng

RT: 11.081 min Scan# 14

Delta R.T. 0.000 min

Lab File: BF129660.D

Acq: 09 Aug 2022 11:12

Instrument :

BNA_F

ClientSampleId :

PB146613BS

Tgt Ion:200 Resp: 384176

Ion Ratio Lower Upper

200 100

173 27.6 6.3 46.3

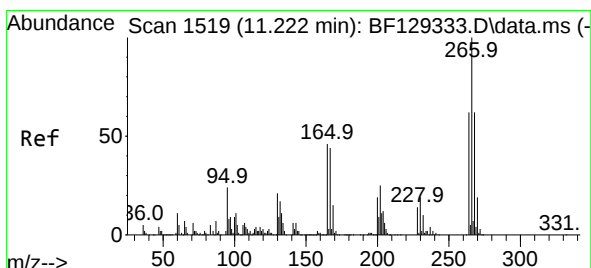
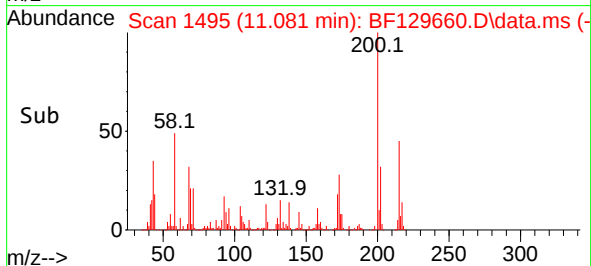
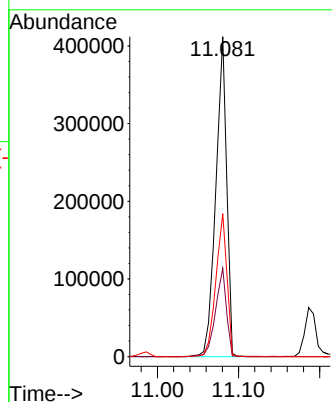
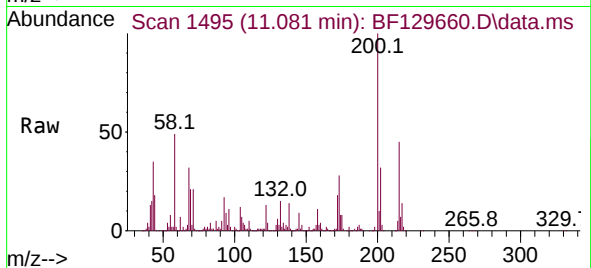
215 44.7 28.3 68.3

Manual Integrations

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Reviewed By :Christian Giraldo 08/10/2022

Supervised By :Jagrut Upadhyay 08/10/2022



#70

Pentachlorophenol

Concen: 62.145 ng

RT: 11.192 min Scan# 1514

Delta R.T. 0.000 min

Lab File: BF129660.D

Acq: 09 Aug 2022 11:12

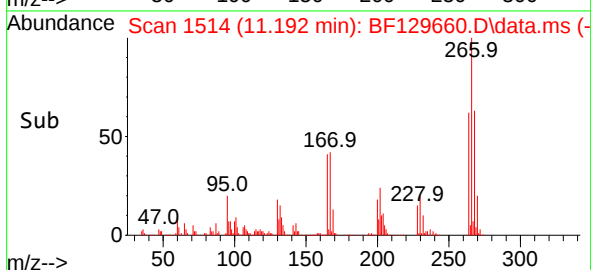
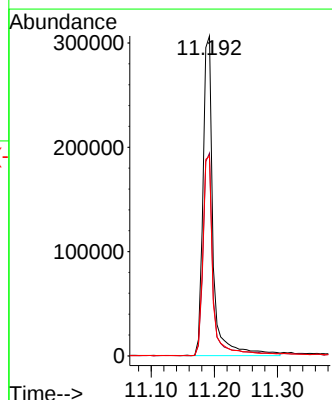
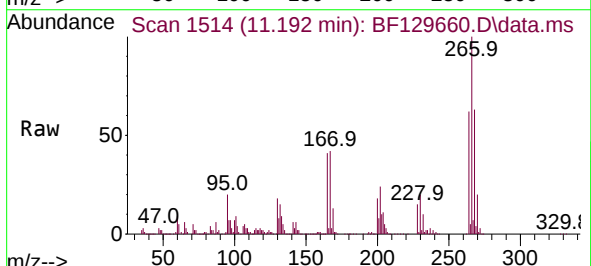
Tgt Ion:266 Resp: 340231

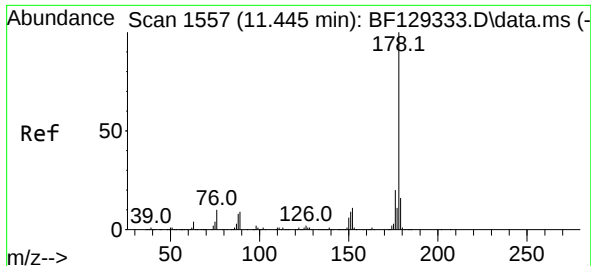
Ion Ratio Lower Upper

266 100

268 63.4 51.0 76.4

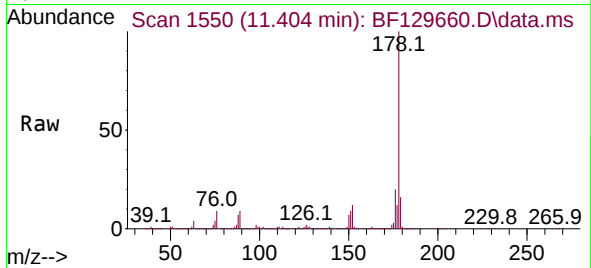
264 62.4 49.4 74.2





#71
Phenanthrene
Concen: 38.392 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129660.D
Acq: 09 Aug 2022 11:12

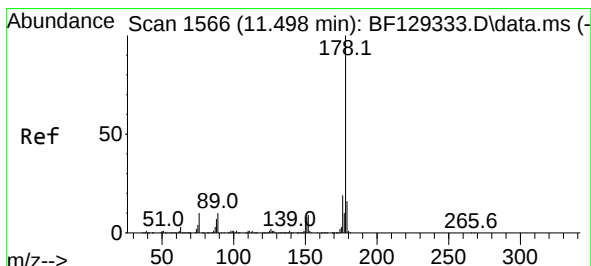
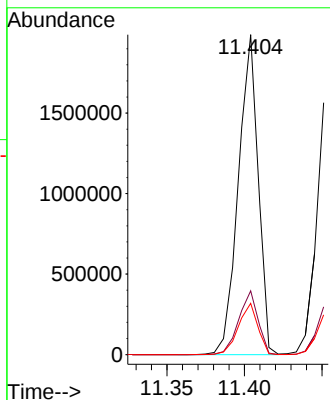
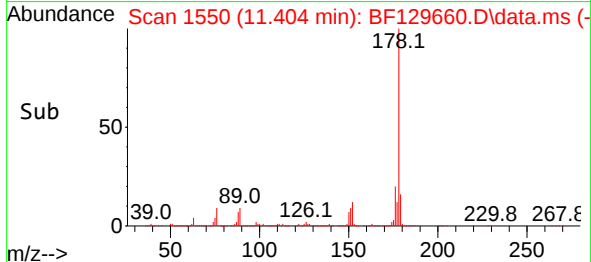
Instrument :
BNA_F
ClientSampleId :
PB146613BS



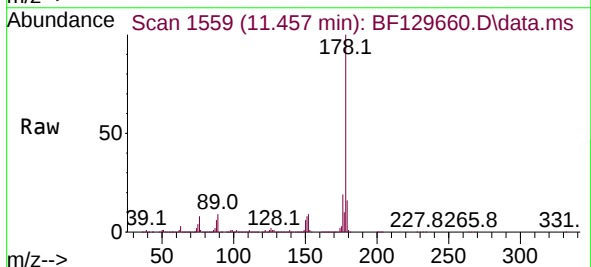
Tgt Ion:178 Resp: 1778834
Ion Ratio Lower Upper
178 100
176 19.9 16.0 24.0
179 16.0 12.6 19.0

Manual Integrations
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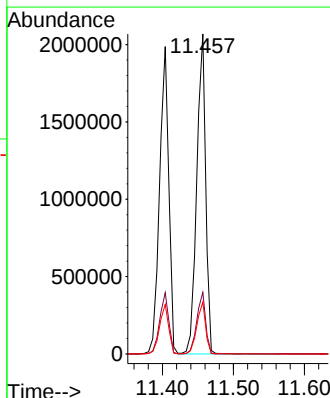
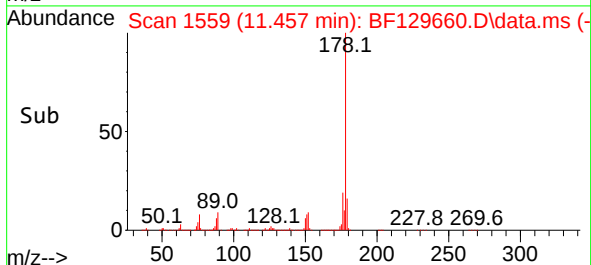
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

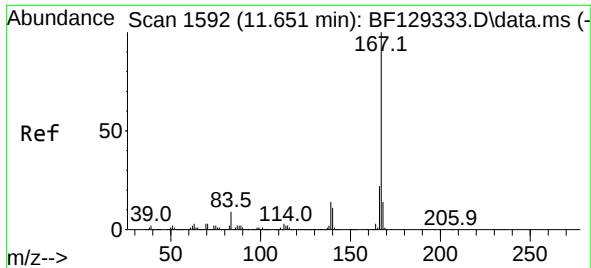


#72
Anthracene
Concen: 39.479 ng
RT: 11.457 min Scan# 1559
Delta R.T. -0.006 min
Lab File: BF129660.D
Acq: 09 Aug 2022 11:12



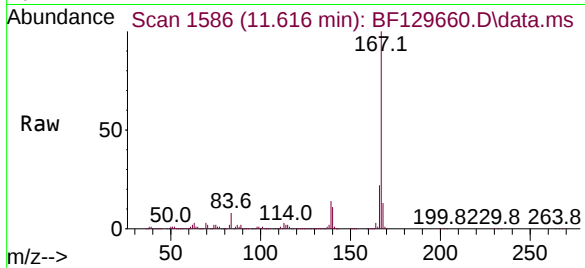
Tgt Ion:178 Resp: 1797525
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 16.2 12.6 19.0





#73
 Carbazole
 Concen: 38.454 ng
 RT: 11.616 min Scan# 1586
 Delta R.T. 0.000 min
 Lab File: BF129660.D
 Acq: 09 Aug 2022 11:12

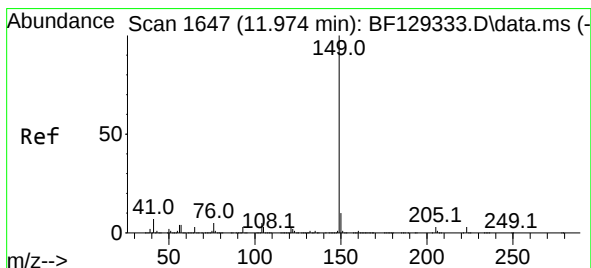
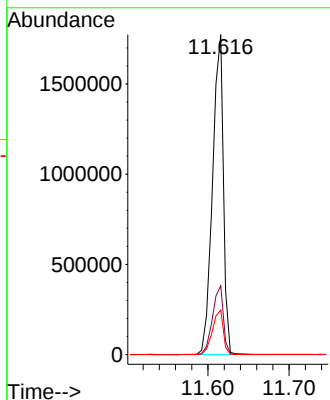
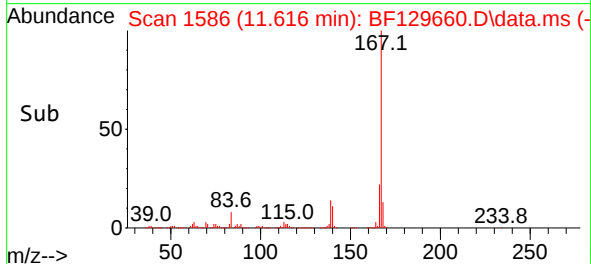
Instrument :
 BNA_F
 ClientSampleId :
 PB146613BS



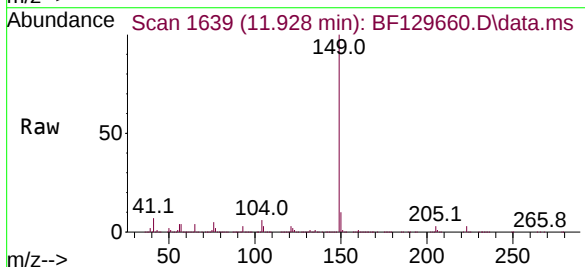
Tgt Ion:167 Resp: 1648168
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.7 26.5
 139 13.9 11.2 16.8

Manual Integrations
 APPROVED

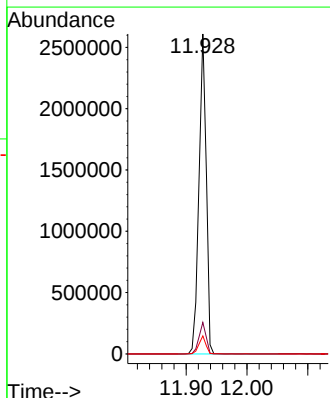
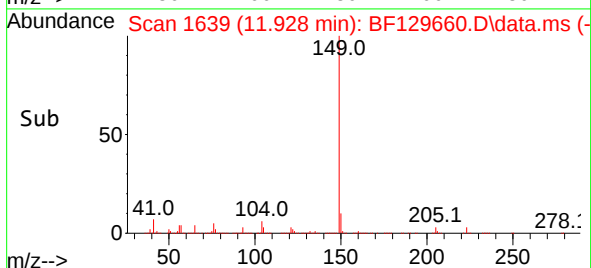
Reviewed By :Christian Giraldo 08/10/2022
 Supervised By :Jagrut Upadhyay 08/10/2022

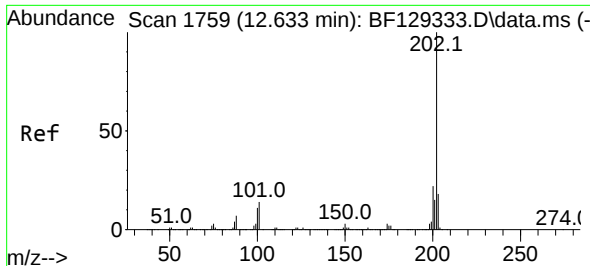


#74
 Di-n-butylphthalate
 Concen: 42.302 ng
 RT: 11.928 min Scan# 1639
 Delta R.T. -0.006 min
 Lab File: BF129660.D
 Acq: 09 Aug 2022 11:12



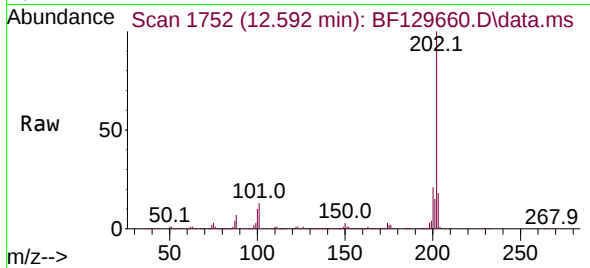
Tgt Ion:149 Resp: 2159201
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.5 11.3
 104 5.6 4.4 6.6





#75
Fluoranthene
Concen: 38.009 ng
RT: 12.592 min Scan# 1752
Delta R.T. -0.006 min
Lab File: BF129660.D
Acq: 09 Aug 2022 11:12

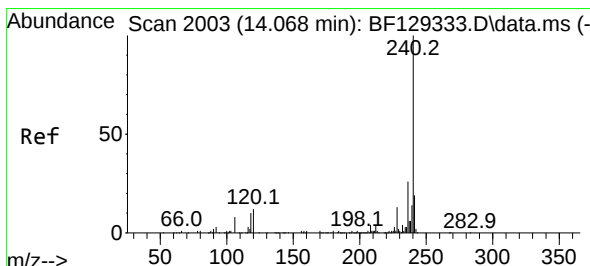
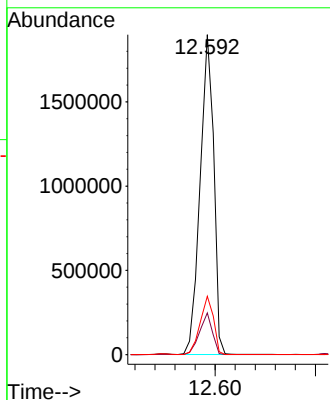
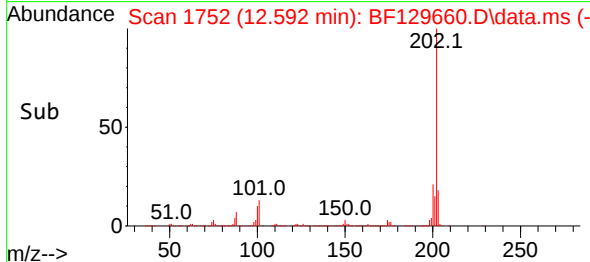
Instrument :
BNA_F
ClientSampleId :
PB146613BS



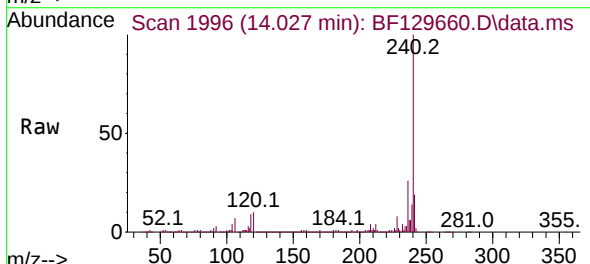
Tgt Ion:202 Resp: 178436
Ion Ratio Lower Upper
202 100
101 13.0 0.0 31.4
203 18.2 0.0 38.0

Manual Integrations
APPROVED

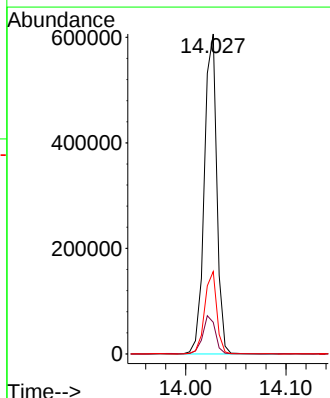
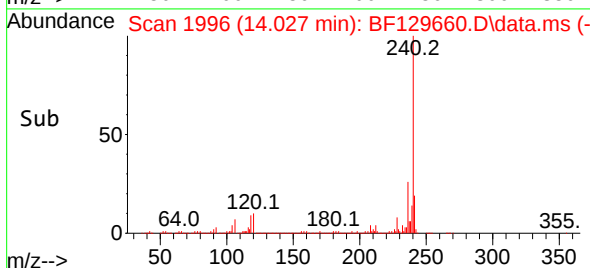
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

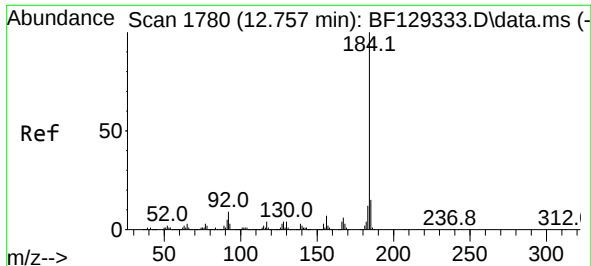


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BF129660.D
Acq: 09 Aug 2022 11:12



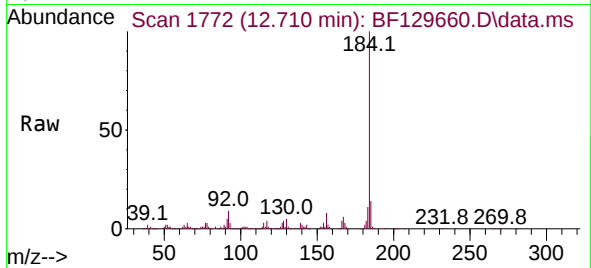
Tgt Ion:240 Resp: 521823
Ion Ratio Lower Upper
240 100
120 9.9 8.9 13.3
236 25.7 20.8 31.2





#77
Benzidine
Concen: 34.374 ng
RT: 12.710 min Scan# 1772
Delta R.T. -0.012 min
Lab File: BF129660.D
Acq: 09 Aug 2022 11:12

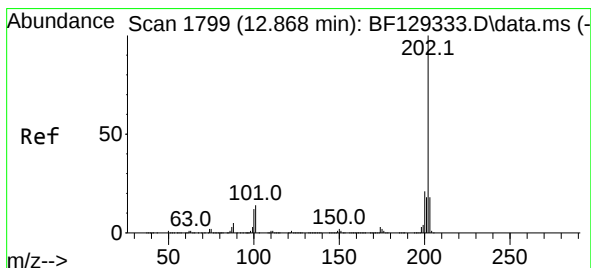
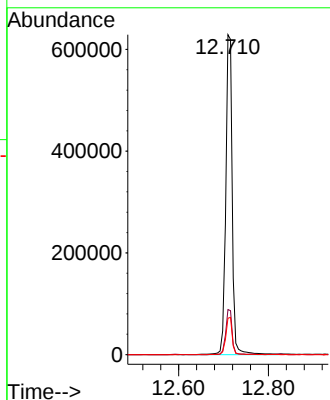
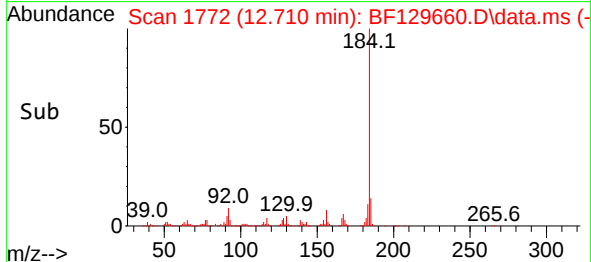
Instrument :
BNA_F
ClientSampleId :
PB146613BS



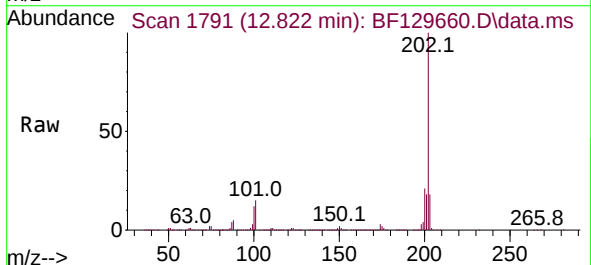
Tgt Ion:184 Resp: 633666
Ion Ratio Lower Upper
184 100
185 14.1 11.9 17.9
183 11.4 9.3 13.9

Manual Integrations
APPROVED

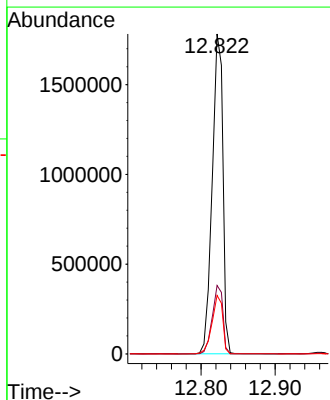
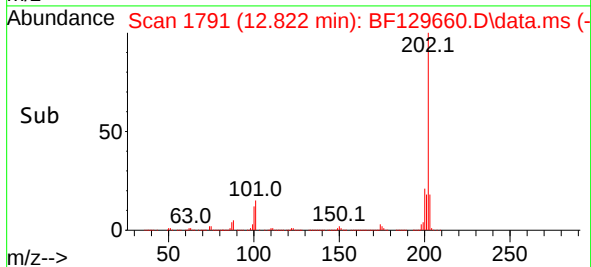
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

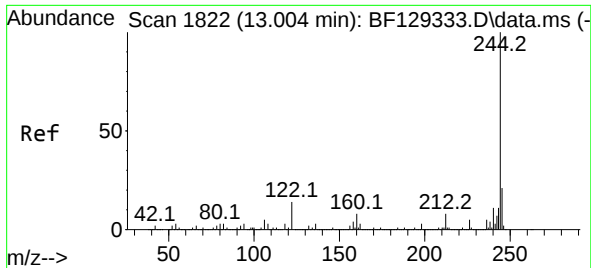


#78
Pyrene
Concen: 40.834 ng
RT: 12.822 min Scan# 1791
Delta R.T. -0.006 min
Lab File: BF129660.D
Acq: 09 Aug 2022 11:12



Tgt Ion:202 Resp: 1781865
Ion Ratio Lower Upper
202 100
200 21.4 17.7 26.5
203 18.3 14.6 21.8





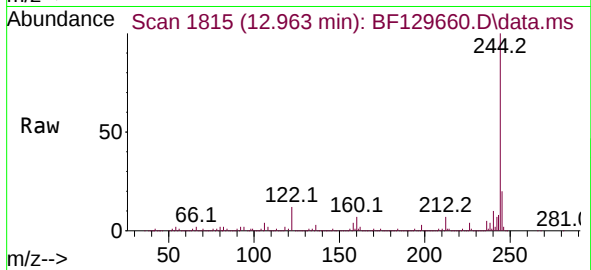
#79
 Terphenyl-d14
 Concen: 88.997 ng
 RT: 12.963 min Scan# 1815
 Delta R.T. -0.006 min
 Lab File: BF129660.D
 Acq: 09 Aug 2022 11:12

Instrument :

BNA_F

ClientSampleId :

PB146613BS

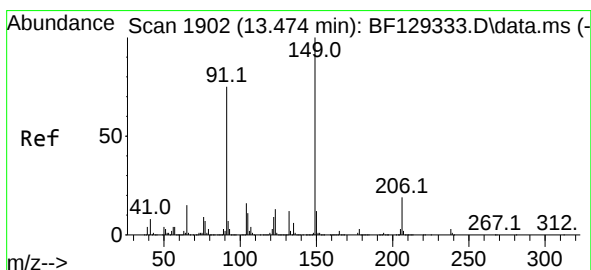
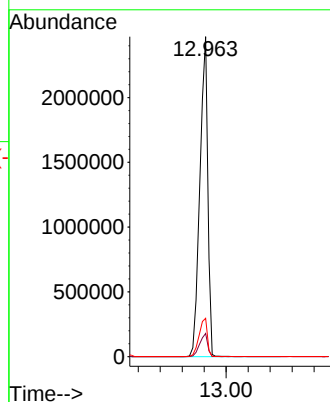
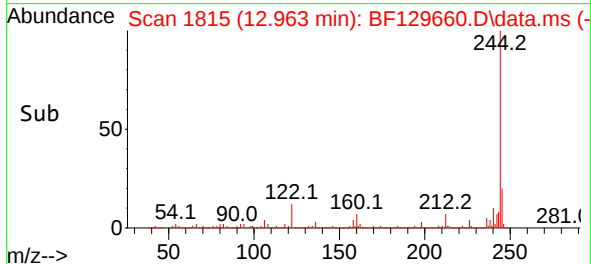


Tgt Ion:244 Resp: 2461623
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 12.0 8.8 13.2

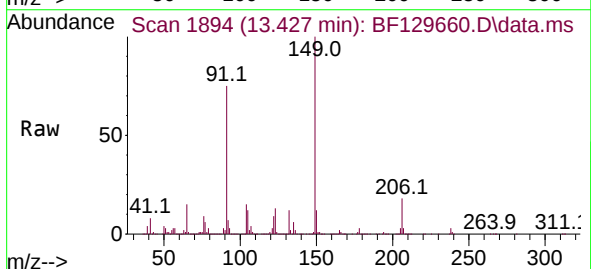
Manual Integrations

APPROVED

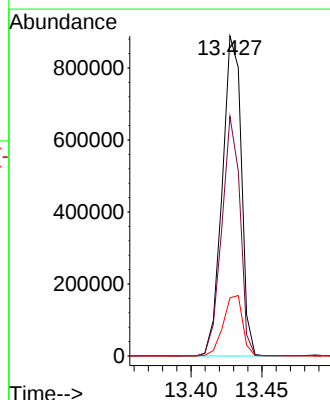
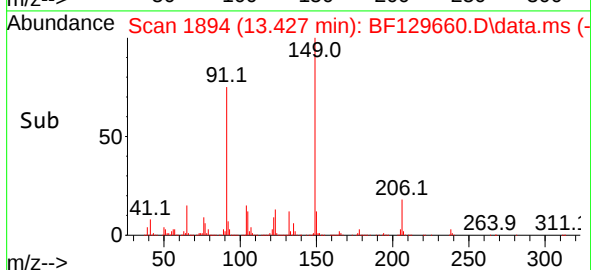
Reviewed By :Christian Giraldo 08/10/2022
 Supervised By :Jagrut Upadhyay 08/10/2022

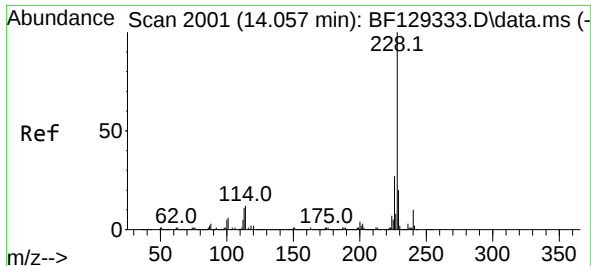


#80
 Butylbenzylphthalate
 Concen: 43.916 ng
 RT: 13.427 min Scan# 1894
 Delta R.T. -0.012 min
 Lab File: BF129660.D
 Acq: 09 Aug 2022 11:12



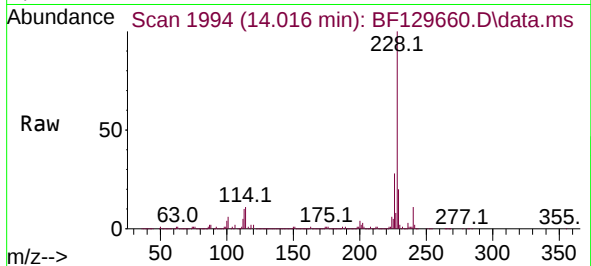
Tgt Ion:149 Resp: 831202
 Ion Ratio Lower Upper
 149 100
 91 74.8 61.2 91.8
 206 18.1 15.7 23.5





#81
Benzo(a)anthracene
Concen: 39.367 ng
RT: 14.016 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BF129660.D
Acq: 09 Aug 2022 11:12

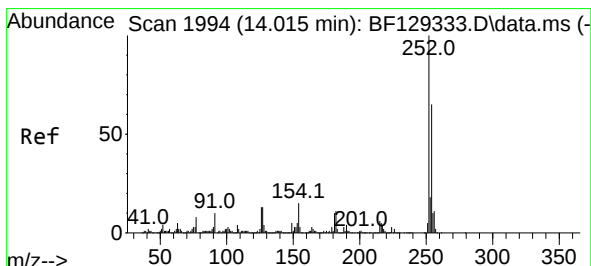
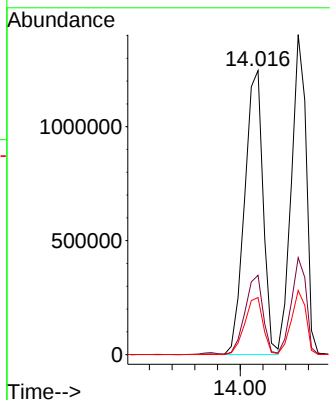
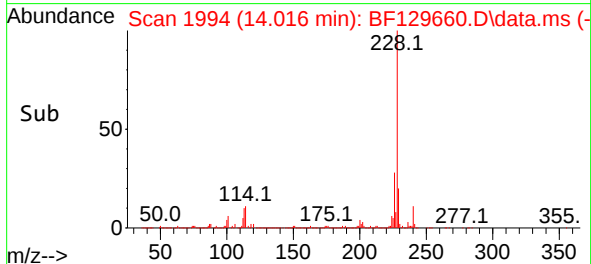
Instrument :
BNA_F
ClientSampleId :
PB146613BS



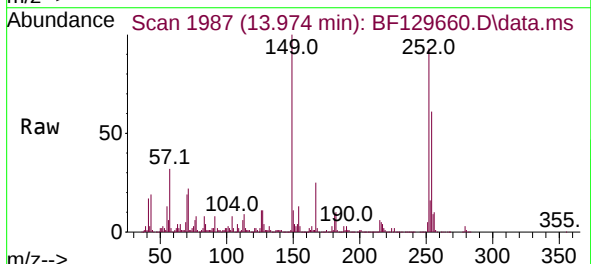
Tgt Ion:228 Resp: 1403254
Ion Ratio Lower Upper
228 100
226 27.9 22.1 33.1
229 20.1 15.8 23.8

Manual Integrations
APPROVED

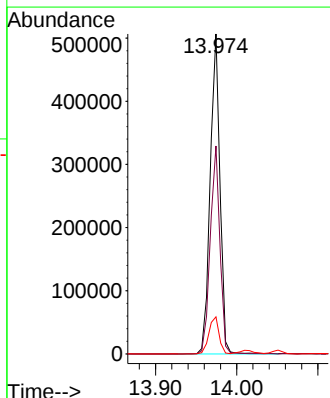
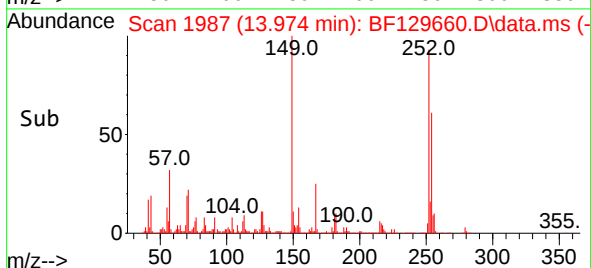
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

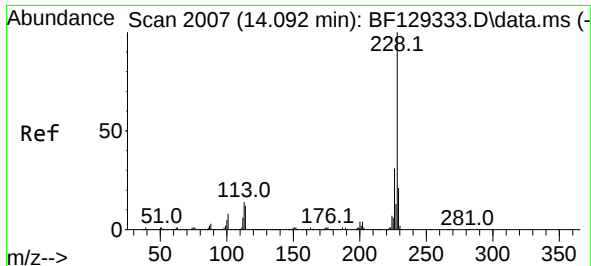


#82
3,3'-Dichlorobenzidine
Concen: 36.110 ng
RT: 13.974 min Scan# 1987
Delta R.T. -0.006 min
Lab File: BF129660.D
Acq: 09 Aug 2022 11:12



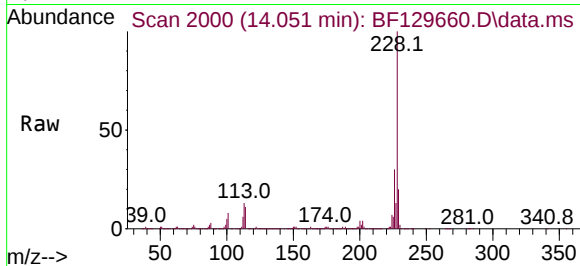
Tgt Ion:252 Resp: 424985
Ion Ratio Lower Upper
252 100
254 65.0 50.2 75.4
126 11.6 8.2 12.4





#83
Chrysene
Concen: 38.023 ng
RT: 14.051 min Scan# 2000
Delta R.T. -0.006 min
Lab File: BF129660.D
Acq: 09 Aug 2022 11:12

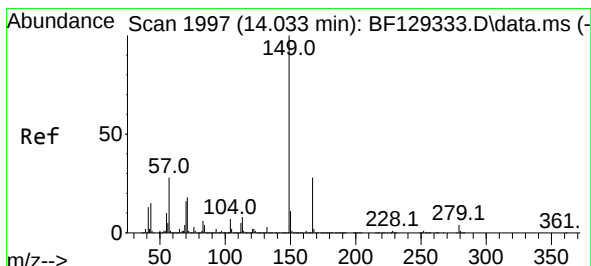
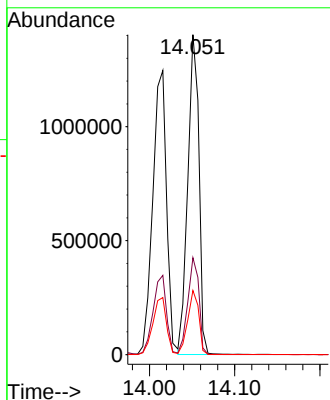
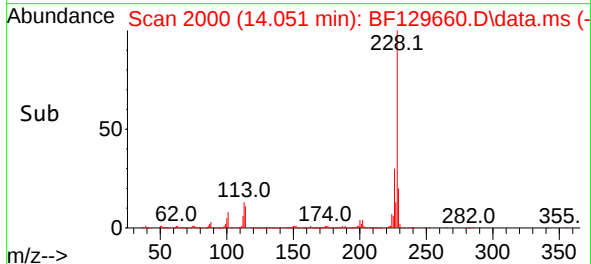
Instrument :
BNA_F
ClientSampleId :
PB146613BS



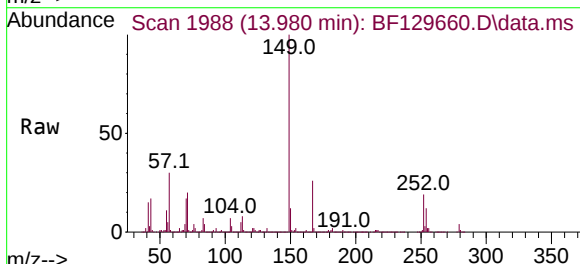
Tgt Ion:228 Resp: 1277352
Ion Ratio Lower Upper
228 100
226 30.3 24.3 36.5
229 20.0 15.9 23.9

Manual Integrations
APPROVED

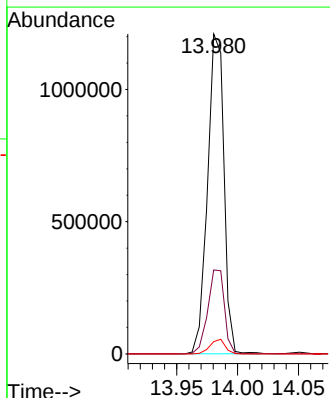
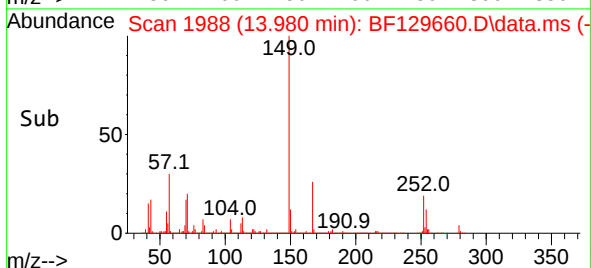
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

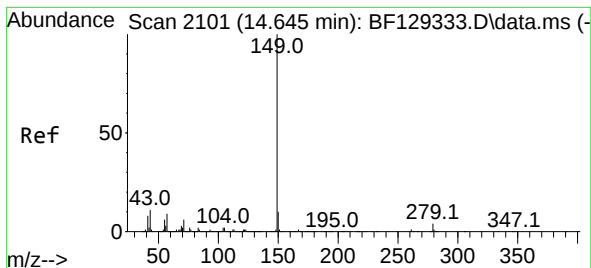


#84
Bis(2-ethylhexyl)phthalate
Concen: 45.668 ng
RT: 13.980 min Scan# 1988
Delta R.T. -0.006 min
Lab File: BF129660.D
Acq: 09 Aug 2022 11:12



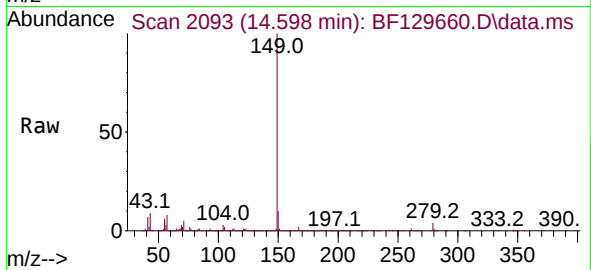
Tgt Ion:149 Resp: 1137956
Ion Ratio Lower Upper
149 100
167 26.2 21.0 31.4
279 3.8 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 47.423 ng
RT: 14.598 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF129660.D
Acq: 09 Aug 2022 11:12

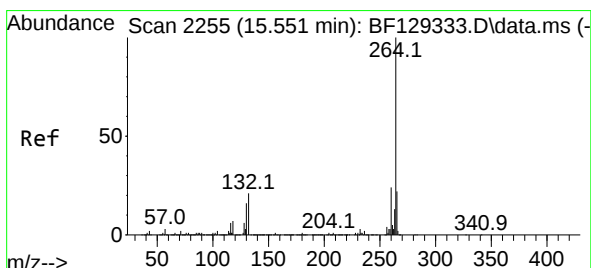
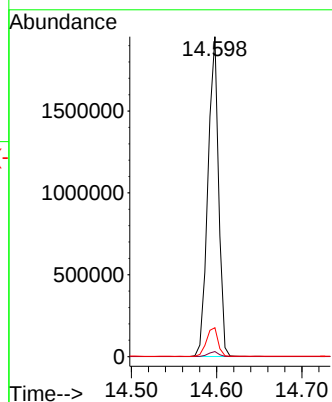
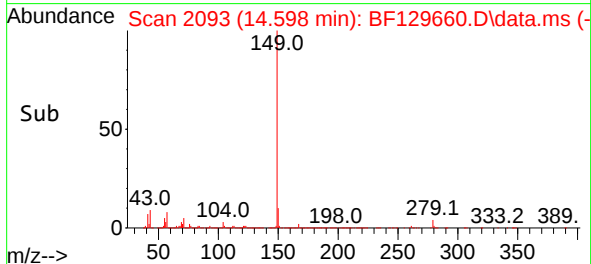
Instrument :
BNA_F
ClientSampleId :
PB146613BS



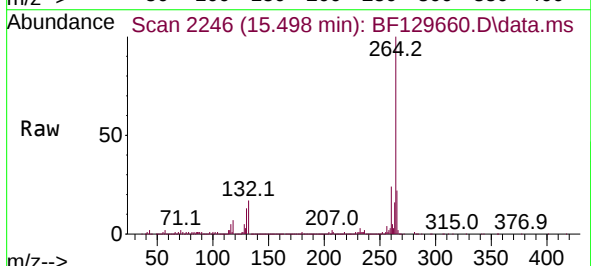
Tgt Ion:149 Resp: 1700474
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 9.7 9.2 13.8

Manual Integrations
APPROVED

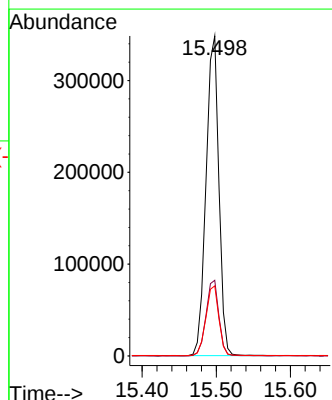
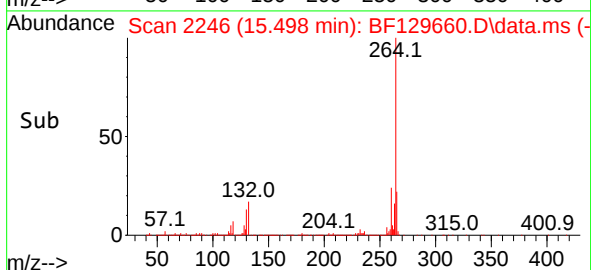
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

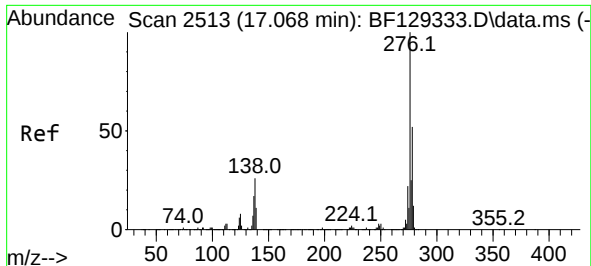


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2246
Delta R.T. -0.006 min
Lab File: BF129660.D
Acq: 09 Aug 2022 11:12



Tgt Ion:264 Resp: 418331
Ion Ratio Lower Upper
264 100
260 23.6 18.4 27.6
265 21.9 17.2 25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 43.504 ng
RT: 16.992 min Scan# 2173
Delta R.T. -0.006 min
Lab File: BF129660.D
Acq: 09 Aug 2022 11:12

Instrument :

BNA_F

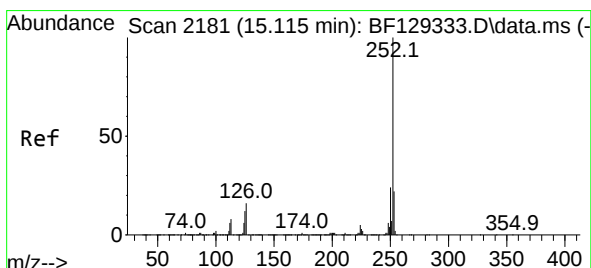
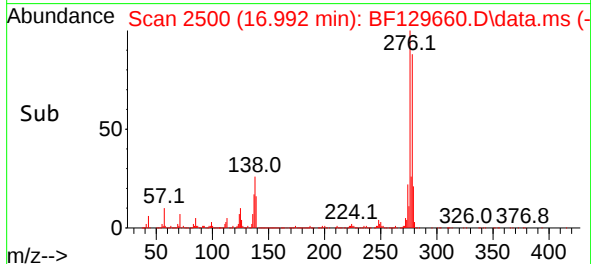
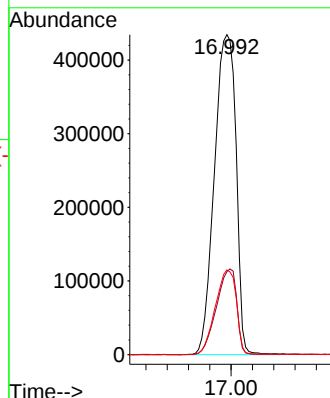
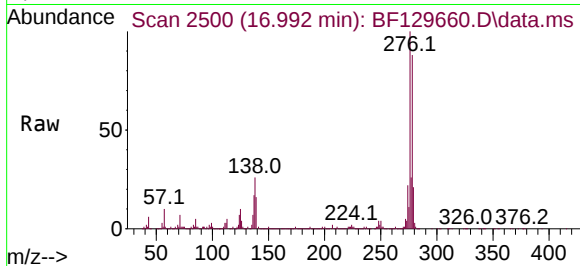
ClientSampleId :

PB146613BS

Tgt Ion:276 Resp: 122555
Ion Ratio Lower Upper
276 100
138 25.2 21.1 31.7
277 25.6 20.3 30.5

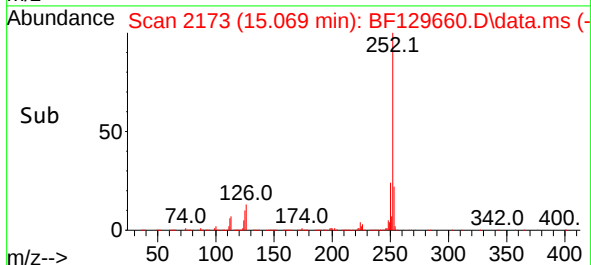
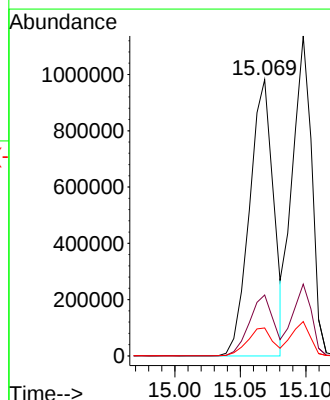
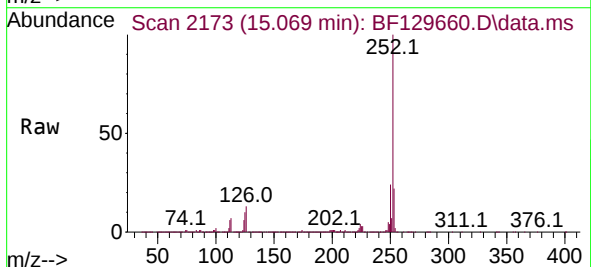
Manual Integrations
APPROVED

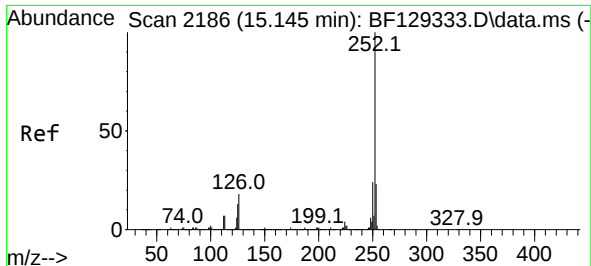
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#88
Benzo(b)fluoranthene
Concen: 45.186 ng
RT: 15.069 min Scan# 2173
Delta R.T. 0.000 min
Lab File: BF129660.D
Acq: 09 Aug 2022 11:12

Tgt Ion:252 Resp: 1253863
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 10.1 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 42.989 ng

RT: 15.098 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF129660.D

Acq: 09 Aug 2022 11:12

Instrument :

BNA_F

ClientSampleId :

PB146613BS

Tgt Ion:252 Resp: 1169016

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

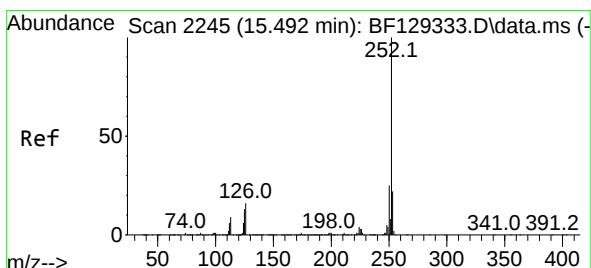
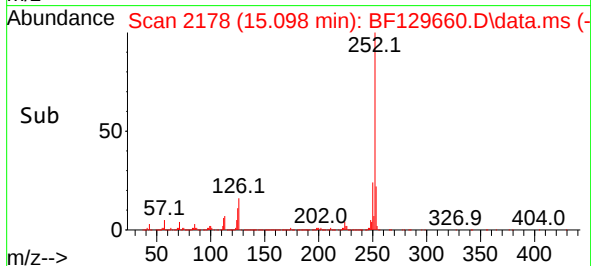
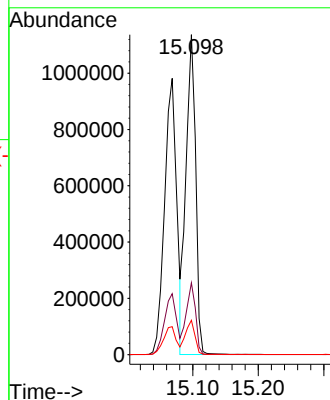
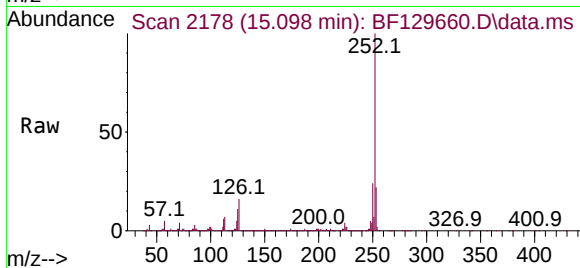
125 10.7 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/10/2022

Supervised By :Jagrut Upadhyay 08/10/2022



#90

Benzo(a)pyrene

Concen: 46.401 ng

RT: 15.439 min Scan# 2236

Delta R.T. 0.000 min

Lab File: BF129660.D

Acq: 09 Aug 2022 11:12

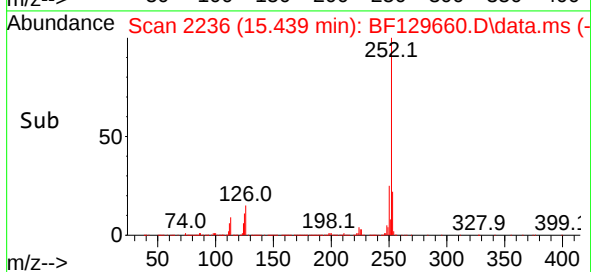
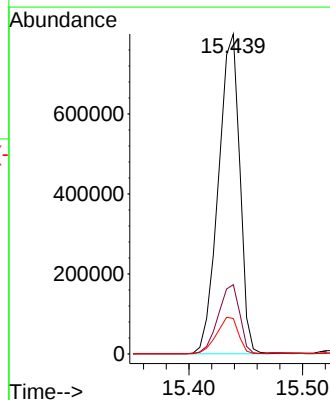
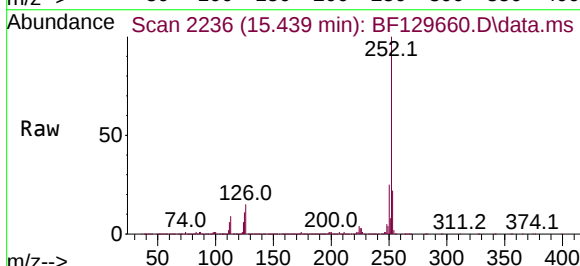
Tgt Ion:252 Resp: 1045243

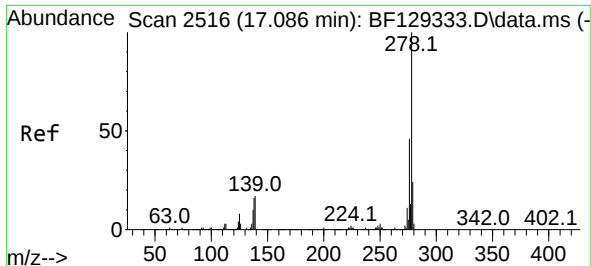
Ion Ratio Lower Upper

252 100

253 21.6 17.0 25.6

125 11.1 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 46.518 ng
RT: 17.004 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF129660.D
Acq: 09 Aug 2022 11:12

Instrument :

BNA_F

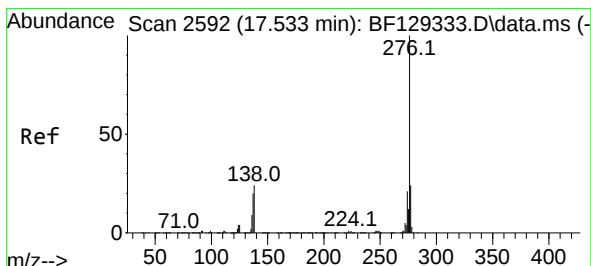
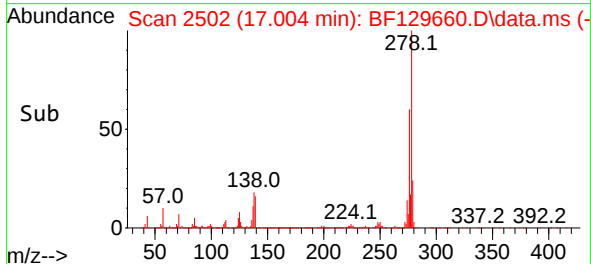
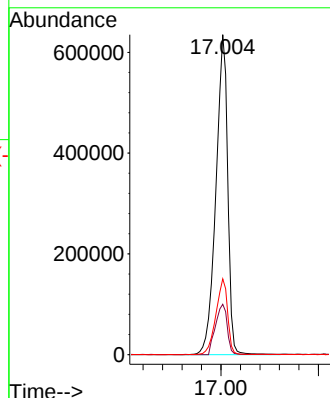
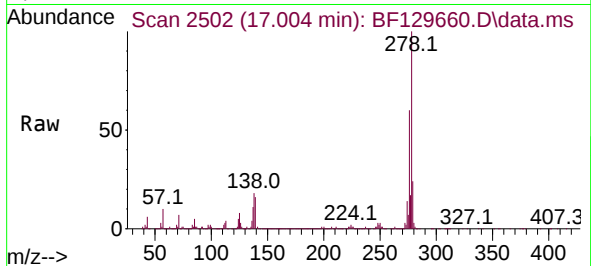
ClientSampleId :

PB146613BS

Tgt Ion:278 Resp: 1066575
Ion Ratio Lower Upper
278 100
139 15.7 12.8 19.2
279 23.7 18.6 28.0

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#92
Benzo(g,h,i)perylene
Concen: 45.914 ng
RT: 17.451 min Scan# 2578
Delta R.T. 0.000 min
Lab File: BF129660.D
Acq: 09 Aug 2022 11:12

Tgt Ion:276 Resp: 1075724
Ion Ratio Lower Upper
276 100
277 23.5 19.1 28.7
138 20.3 18.0 27.0

