

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081622\
 Data File : BF129803.D
 Acq On : 16 Aug 2022 10:26
 Operator : CG\JU
 Sample : PB146771BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146771BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/17/2022
 Supervised By : Jagrut Upadhyay 08/17/2022

Quant Time: Aug 17 02:52:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 15 02:28:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	181481	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	757974	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	408417	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	700981	20.000	ng	0.00
76) Chrysene-d12	14.010	240	430394	20.000	ng	0.00
86) Perylene-d12	15.474	264	341420	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1327698	121.129	ng	0.01
7) Phenol-d6	6.487	99	1640174	119.492	ng	0.00
23) Nitrobenzene-d5	7.398	82	1085729	76.680	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	506906	123.663	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	2028602	75.439	ng	0.00
79) Terphenyl-d14	12.945	244	2164594	83.685	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.652	88	169851	37.560	ng	99
3) Pyridine	3.434	79	388744	32.849	ng	99
4) n-Nitrosodimethylamine	3.381	42	241005	44.190	ng	96
6) Aniline	6.493	93	634621	40.565	ng	96
8) 2-Chlorophenol	6.622	128	542094	44.426	ng	99
9) Benzaldehyde	6.381	77	344284	48.221	ng	98
10) Phenol	6.498	94	640368	42.531	ng	86
11) bis(2-Chloroethyl)ether	6.563	93	508775	44.498	ng	97
12) 1,3-Dichlorobenzene	6.763	146	550648	41.801	ng	98
13) 1,4-Dichlorobenzene	6.840	146	563532	41.867	ng	99
14) 1,2-Dichlorobenzene	6.992	146	535410	42.829	ng	100
15) Benzyl Alcohol	6.981	79	446744	43.112	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.093	45	660515	43.113	ng	97
17) 2-Methylphenol	7.098	107	434091	44.306	ng	100
18) Hexachloroethane	7.328	117	217417	43.014	ng	96
19) n-Nitroso-di-n-propyla...	7.240	70	371467	42.815	ng	99
20) 3+4-Methylphenols	7.251	107	551826	41.958	ng	97
22) Acetophenone	7.240	105	752139	40.720	ng	98
24) Nitrobenzene	7.416	77	566695	39.691	ng	100
25) Isophorone	7.651	82	1040787	42.707	ng	99
26) 2-Nitrophenol	7.728	139	297000	42.290	ng	99
27) 2,4-Dimethylphenol	7.769	122	466359	46.304	ng	98
28) bis(2-Chloroethoxy)met...	7.857	93	643070	45.193	ng	99
29) 2,4-Dichlorophenol	7.981	162	450324	40.890	ng	99
30) 1,2,4-Trichlorobenzene	8.045	180	452032	38.907	ng	97
31) Naphthalene	8.128	128	1551815	39.156	ng	99
32) Benzoic acid	7.928	122	176720	41.112	ng	96
33) 4-Chloroaniline	8.187	127	597597	38.344	ng	99
34) Hexachlorobutadiene	8.239	225	278427	39.357	ng	99
35) Caprolactam	8.575	113	140042m	40.891	ng	
36) 4-Chloro-3-methylphenol	8.687	107	496297	41.772	ng	99
37) 2-Methylnaphthalene	8.822	142	1035261	39.800	ng	100
38) 1-Methylnaphthalene	8.922	142	980674	38.794	ng	99
40) 1,2,4,5-Tetrachloroben...	8.986	216	461322	40.611	ng	99
41) Hexachlorocyclopentadiene	8.969	237	383477	94.023	ng	99
43) 2,4,6-Trichlorophenol	9.110	196	292020	39.566	ng	98

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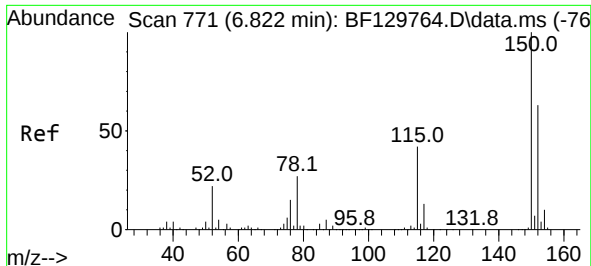
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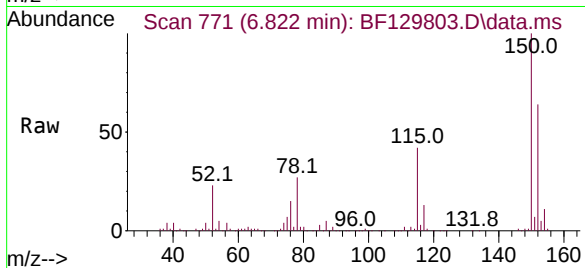
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.157	196	308867	38.898	ng	98
46) 1,1'-Biphenyl	9.286	154	1259887	40.606	ng	99
47) 2-Chloronaphthalene	9.316	162	977584	39.821	ng	99
48) 2-Nitroaniline	9.422	65	314515	40.540	ng	92
49) Acenaphthylene	9.728	152	1457501	39.151	ng	100
50) Dimethylphthalate	9.592	163	1161819	39.682	ng	99
51) 2,6-Dinitrotoluene	9.663	165	259640	40.881	ng	91
52) Acenaphthene	9.898	154	890292	39.418	ng	100
53) 3-Nitroaniline	9.834	138	231226	32.921	ng	95
54) 2,4-Dinitrophenol	9.951	184	236248	82.119	ng	98
55) Dibenzofuran	10.075	168	1330102	39.199	ng	98
56) 4-Nitrophenol	10.028	139	271920	87.024	ng	96
57) 2,4-Dinitrotoluene	10.069	165	329314	39.943	ng	91
58) Fluorene	10.416	166	1092795	38.571	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.198	232	245878	42.195	ng	# 82
60) Diethylphthalate	10.286	149	1152779	39.488	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	510021	40.114	ng	98
62) 4-Nitroaniline	10.457	138	273447m	38.592	ng	
63) Azobenzene	10.569	77	1103085	39.531	ng	95
65) 4,6-Dinitro-2-methylph...	10.486	198	166166	40.379	ng	96
66) n-Nitrosodiphenylamine	10.528	169	957480	40.469	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	334011	40.682	ng	97
68) Hexachlorobenzene	10.963	284	360485	40.533	ng	99
69) Atrazine	11.057	200	314459	43.304	ng	95
70) Pentachlorophenol	11.175	266	208190	78.217	ng	94
71) Phenanthrene	11.386	178	1527977	39.029	ng	100
72) Anthracene	11.433	178	1573902	40.427	ng	99
73) Carbazole	11.598	167	1417433	40.107	ng	99
74) Di-n-butylphthalate	11.910	149	1802650	39.632	ng	100
75) Fluoranthene	12.575	202	1547584	38.630	ng	98
77) Benzidine	12.698	184	860577	88.482	ng	100
78) Pyrene	12.804	202	1548895	41.413	ng	99
80) Butylbenzylphthalate	13.410	149	674715	42.633	ng	95
81) Benzo(a)anthracene	13.998	228	1158261	39.121	ng	99
82) 3,3'-Dichlorobenzidine	13.957	252	331409	36.142	ng	98
83) Chrysene	14.033	228	1063680	38.380	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	863270	45.977	ng	99
85) Di-n-octyl phthalate	14.574	149	1145969	44.213	ng	99
87) Indeno(1,2,3-cd)pyrene	16.968	276	989693	42.224	ng	100
88) Benzo(b)fluoranthene	15.045	252	1006492	43.051	ng	100
89) Benzo(k)fluoranthene	15.074	252	858934	38.310	ng	98
90) Benzo(a)pyrene	15.415	252	801268	43.522	ng	99
91) Dibenzo(a,h)anthracene	16.974	278	860714	44.505	ng	99
92) Benzo(g,h,i)perylene	17.415	276	875150	45.358	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF129803.D
Acq: 16 Aug 2022 10:26

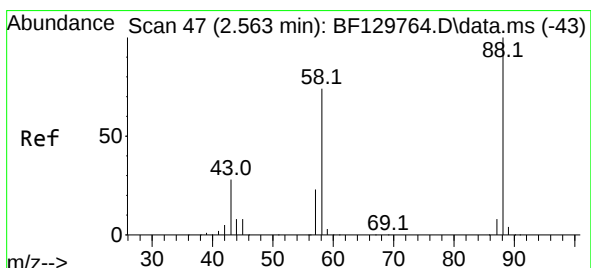
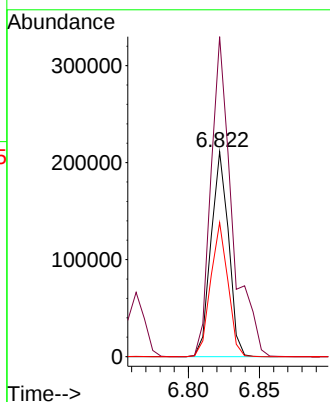
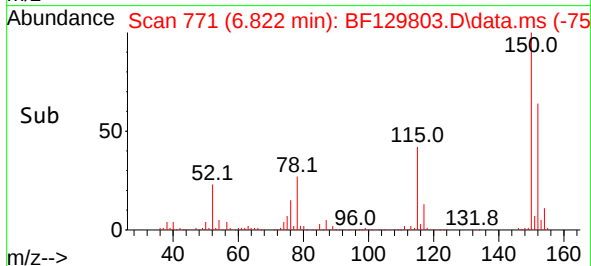
Instrument :
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PB146771BS



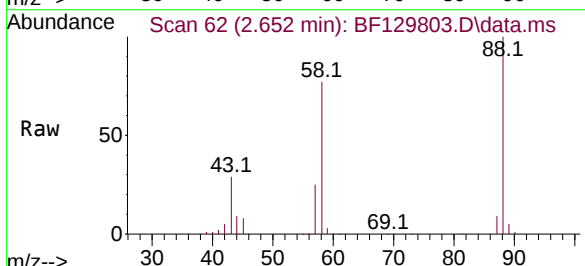
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Ion Ratio Lower Upper
152 100
150 156.2 126.9 190.3
115 65.4 53.4 80.0

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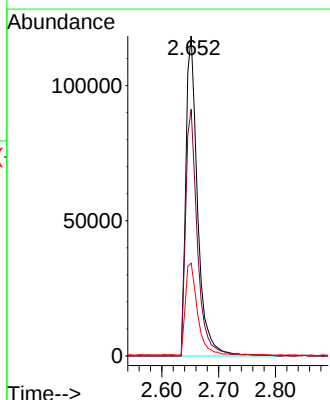
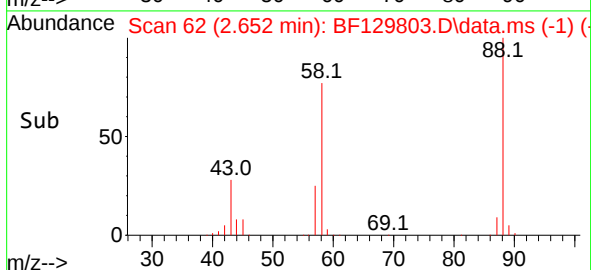
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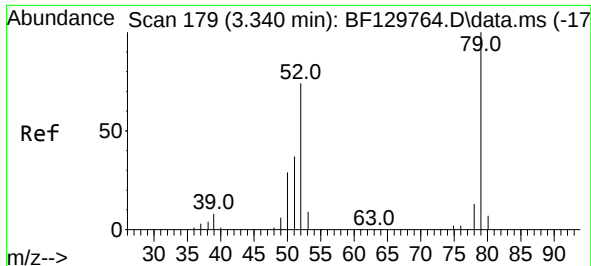


#2
1,4-Dioxane
Concen: 37.560 ng
RT: 2.652 min Scan# 62
Delta R.T. 0.088 min
Lab File: BF129803.D
Acq: 16 Aug 2022 10:26



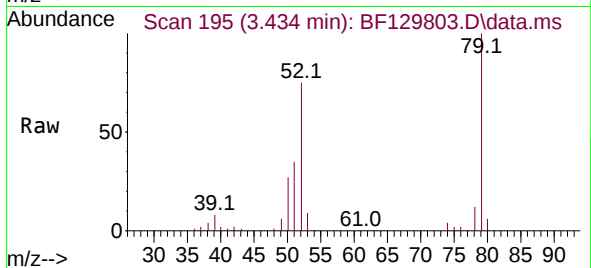
Tgt Ion: 88 Resp: 169851
Ion Ratio Lower Upper
88 100
58 77.4 60.9 91.3
43 29.7 23.6 35.4





#3
Pyridine
Concen: 32.849 ng
RT: 3.434 min Scan# 19
Delta R.T. 0.094 min
Lab File: BF129803.D
Acq: 16 Aug 2022 10:26

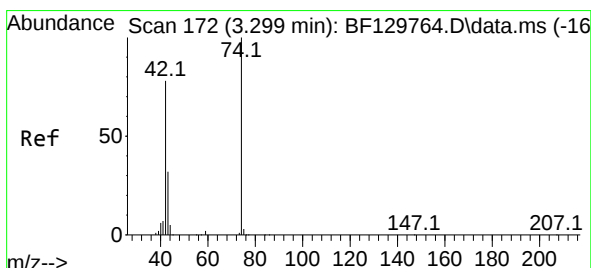
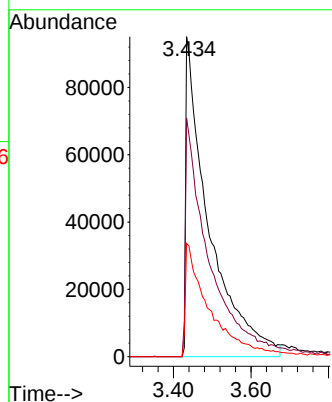
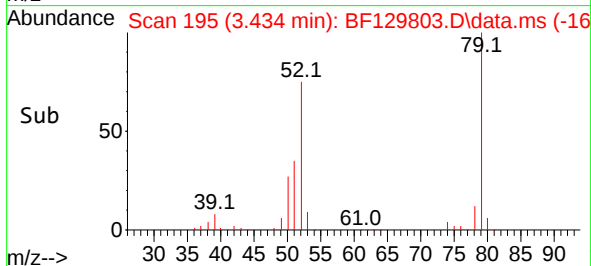
Instrument :
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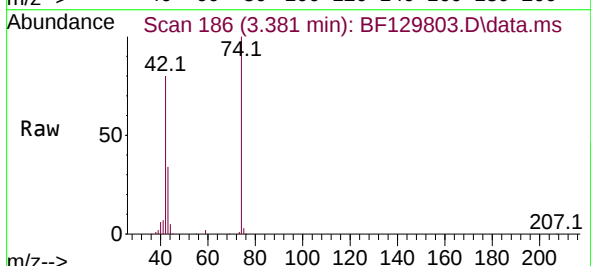
Tgt Ion: 79 Resp: 388744
Ion Ratio Lower Upper
79 100
52 74.5 59.4 89.2
51 35.4 29.5 44.3

Manual Integrations
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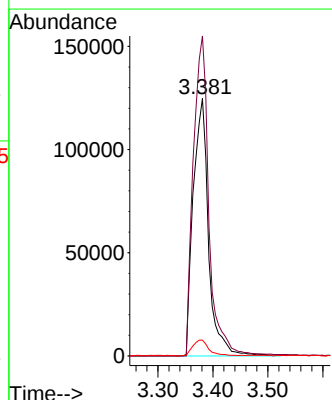
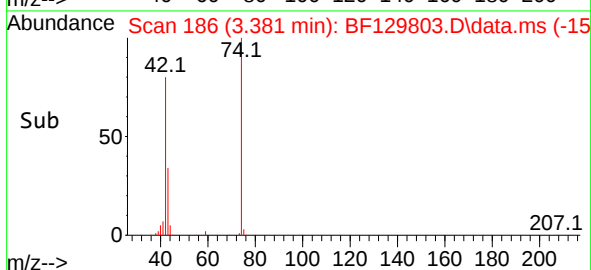
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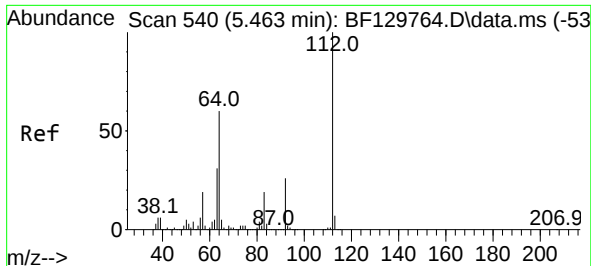


#4
n-Nitrosodimethylamine
Concen: 44.190 ng
RT: 3.381 min Scan# 186
Delta R.T. 0.082 min
Lab File: BF129803.D
Acq: 16 Aug 2022 10:26



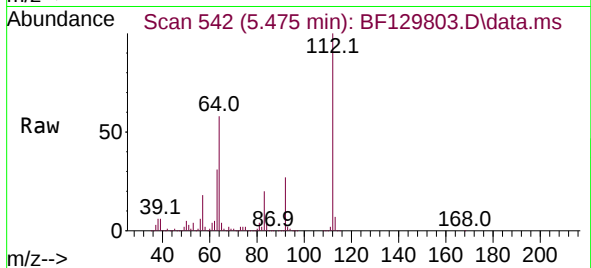
Tgt Ion: 42 Resp: 241005
Ion Ratio Lower Upper
42 100
74 124.3 103.1 154.7
44 6.2 5.4 8.2





#5
2-Fluorophenol
Concen: 121.129 ng
RT: 5.475 min Scan# 540
Delta R.T. 0.012 min
Lab File: BF129803.D
Acq: 16 Aug 2022 10:26

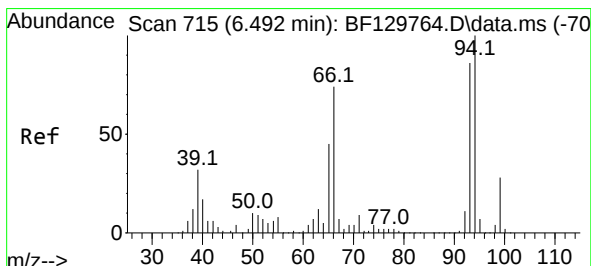
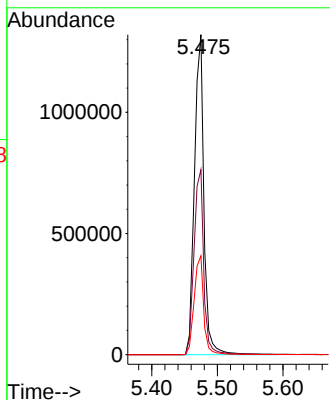
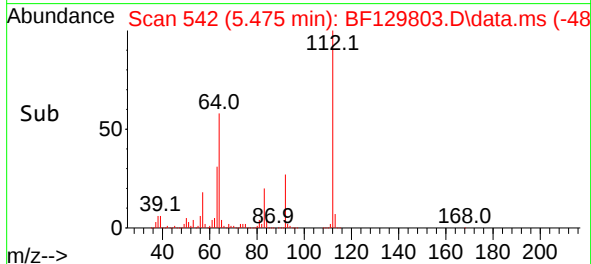
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Tgt Ion: 112 Resp: 1327698
Ion Ratio Lower Upper
112 100
64 57.8 47.6 71.4
63 30.9 24.6 37.0

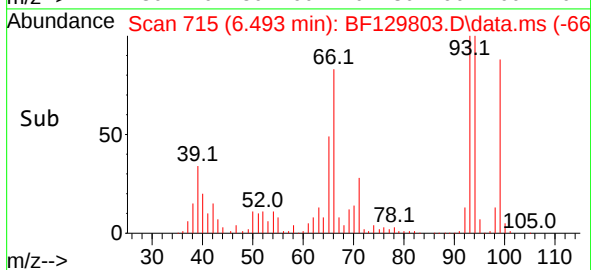
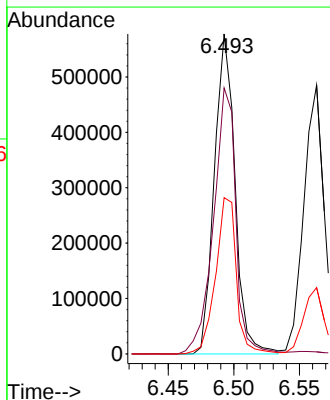
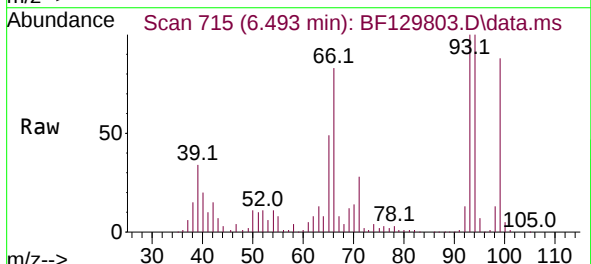
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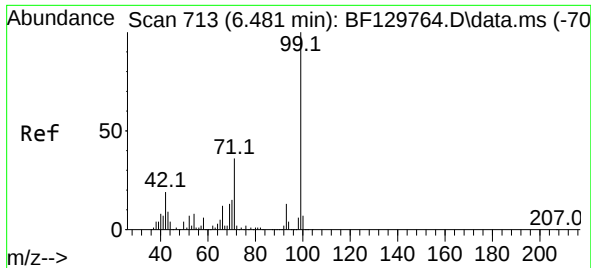
Reviewed By :Christian Giraldo 08/17/2022
Supervised By :Jagrut Upadhyay 08/17/2022



#6
Aniline
Concen: 40.565 ng
RT: 6.493 min Scan# 715
Delta R.T. 0.000 min
Lab File: BF129803.D
Acq: 16 Aug 2022 10:26

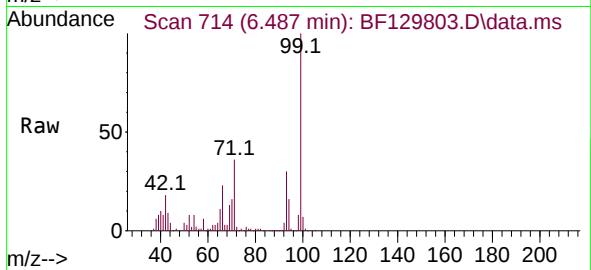
Tgt Ion: 93 Resp: 634621
Ion Ratio Lower Upper
93 100
66 83.1 68.7 103.1
65 48.8 41.6 62.4





#7
Phenol-d6
Concen: 119.492 ng
RT: 6.487 min Scan# 713
Delta R.T. 0.006 min
Lab File: BF129803.D
Acq: 16 Aug 2022 10:26

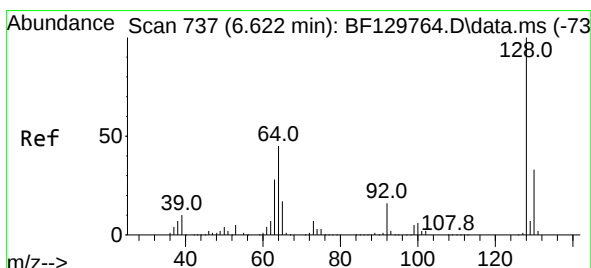
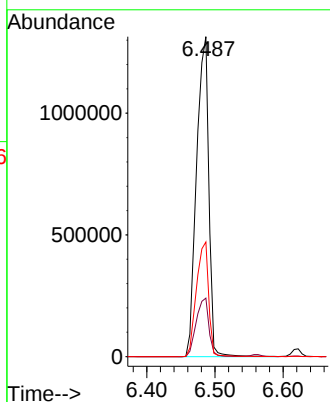
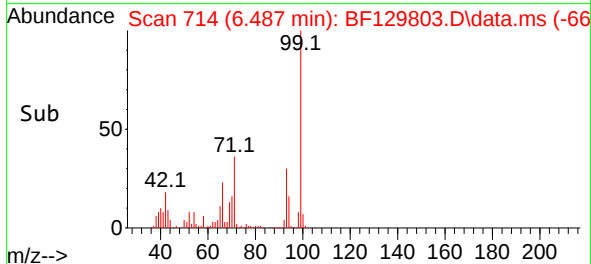
Instrument :
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Tgt Ion: 99 Resp: 1640174
Ion Ratio Lower Upper
99 100
42 18.3 15.0 22.4
71 35.8 28.8 43.2

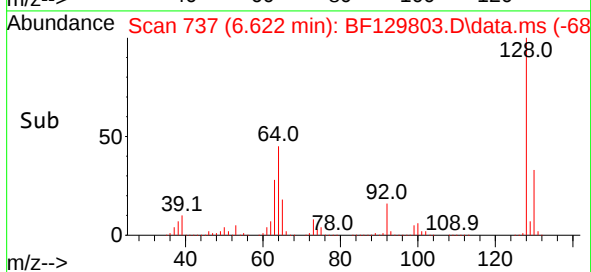
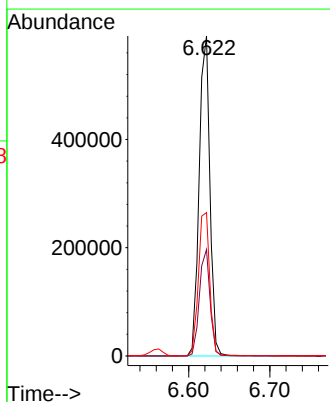
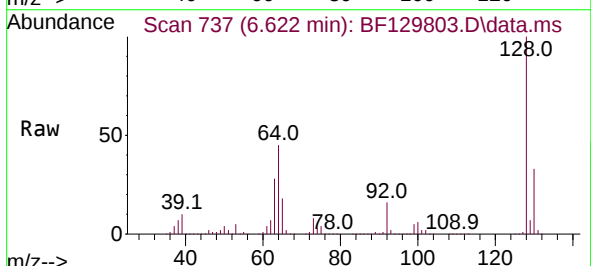
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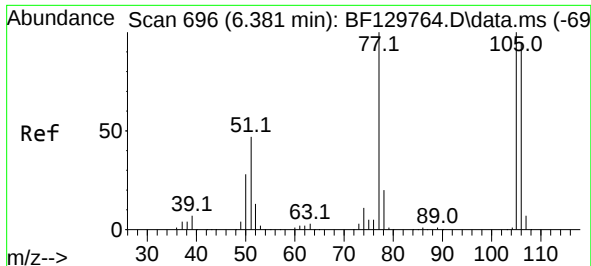
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#8
2-Chlorophenol
Concen: 44.426 ng
RT: 6.622 min Scan# 737
Delta R.T. 0.000 min
Lab File: BF129803.D
Acq: 16 Aug 2022 10:26

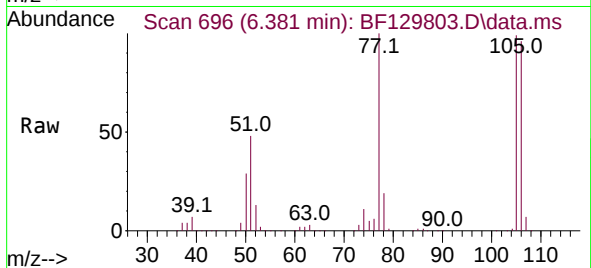
Tgt Ion:128 Resp: 542094
Ion Ratio Lower Upper
128 100
130 33.2 12.5 52.5
64 44.8 24.9 64.9





#9
Benzaldehyde
Concen: 48.221 ng
RT: 6.381 min Scan# 69
Delta R.T. -0.000 min
Lab File: BF129803.D
Acq: 16 Aug 2022 10:26

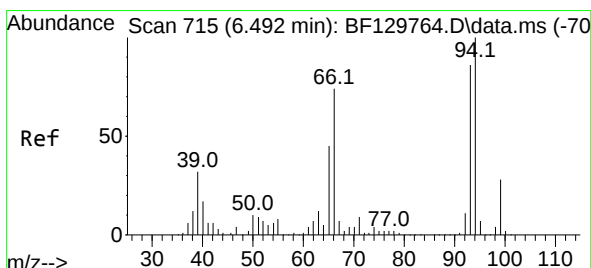
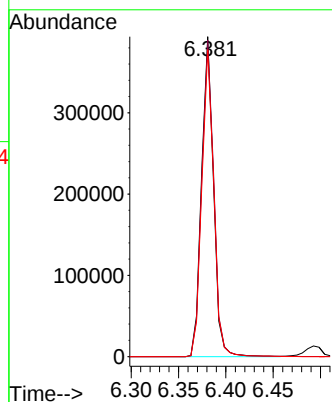
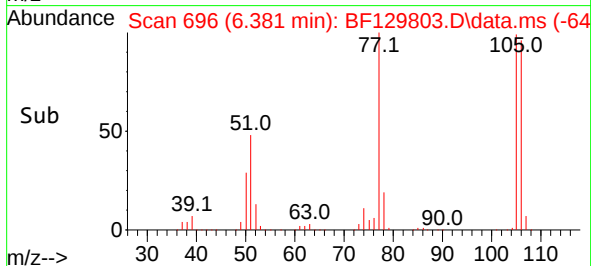
Instrument :
BNA_F
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Tgt Ion: 77 Resp: 344284
Ion Ratio Lower Upper
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105 98.9 80.3 120.3
106 95.9 74.3 114.3

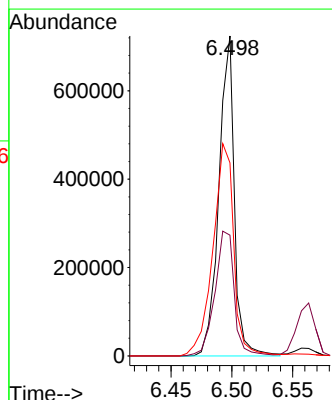
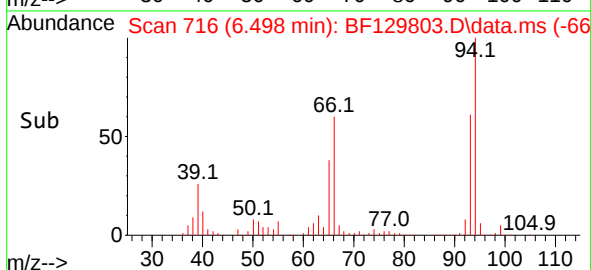
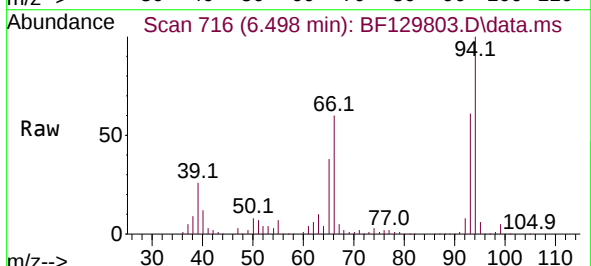
Manual Integrations
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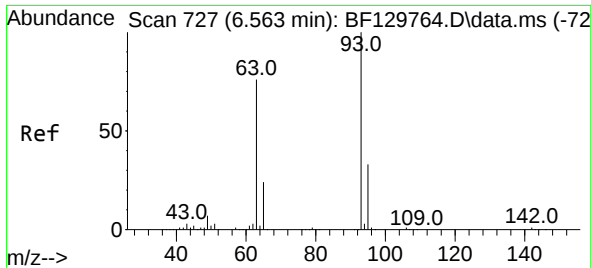
Reviewed By :Christian Giraldo 08/17/2022
Supervised By :Jagrut Upadhyay 08/17/2022



#10
Phenol
Concen: 42.531 ng
RT: 6.498 min Scan# 716
Delta R.T. 0.006 min
Lab File: BF129803.D
Acq: 16 Aug 2022 10:26

Tgt Ion: 94 Resp: 640368
Ion Ratio Lower Upper
94 100
65 37.7 24.9 64.9
66 60.3 54.2 94.2





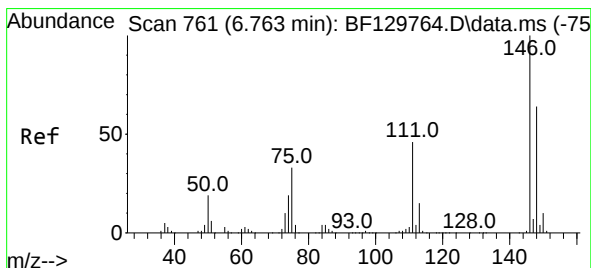
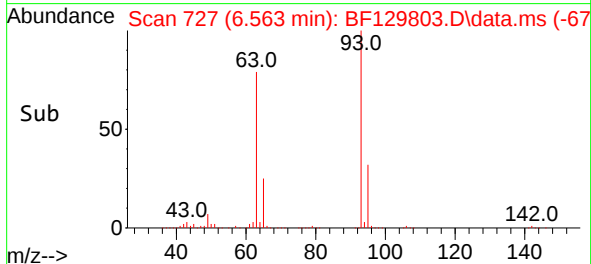
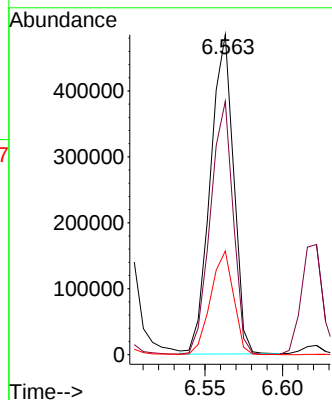
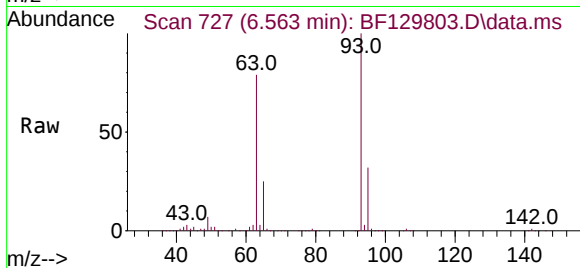
#11
bis(2-Chloroethyl)ether
Concen: 44.498 ng
RT: 6.563 min Scan# 727
Delta R.T. 0.000 min
Lab File: BF129803.D
Acq: 16 Aug 2022 10:26

Instrument :
BNA_F
ClientSampleId :
PB146771BS

Tgt Ion: 93 Resp: 508775
Ion Ratio Lower Upper
93 100
63 79.2 55.9 95.9
95 32.4 12.3 52.3

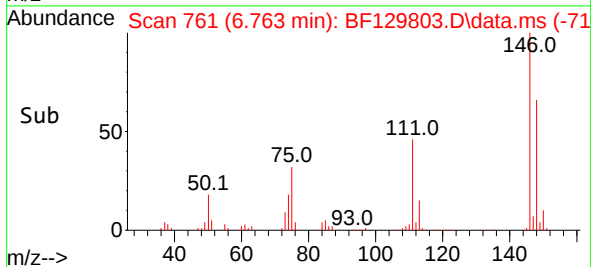
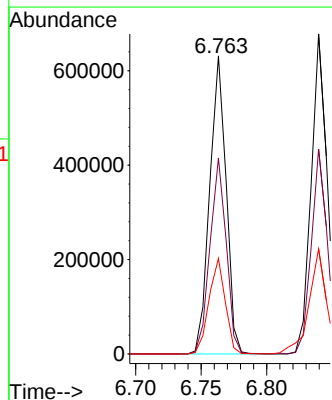
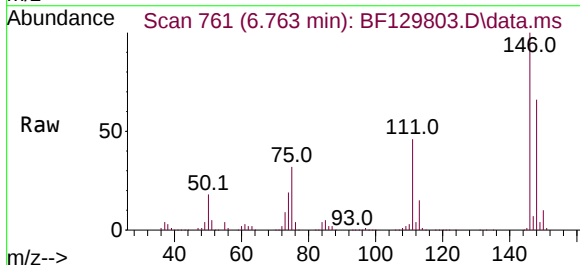
Manual Integrations
APPROVED

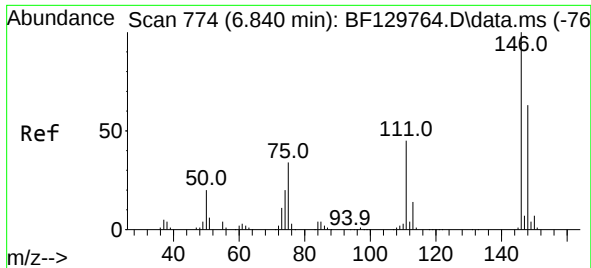
Reviewed By :Christian Giraldo 08/17/2022
Supervised By :Jagrut Upadhyay 08/17/2022



#12
1,3-Dichlorobenzene
Concen: 41.801 ng
RT: 6.763 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF129803.D
Acq: 16 Aug 2022 10:26

Tgt Ion:146 Resp: 550648
Ion Ratio Lower Upper
146 100
148 65.7 51.2 76.8
75 32.0 26.5 39.7





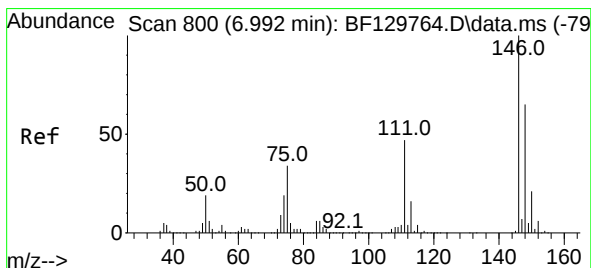
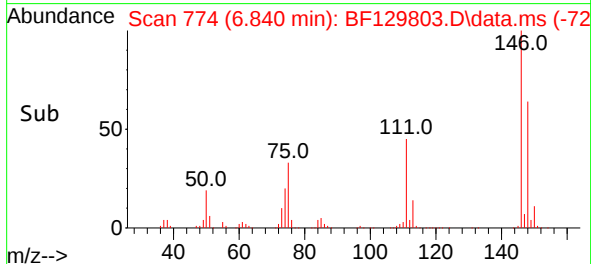
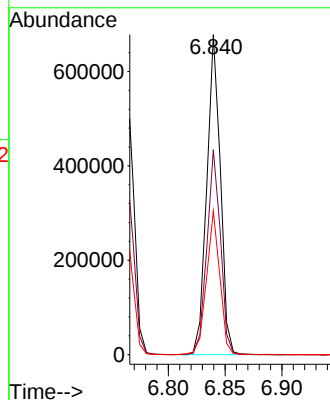
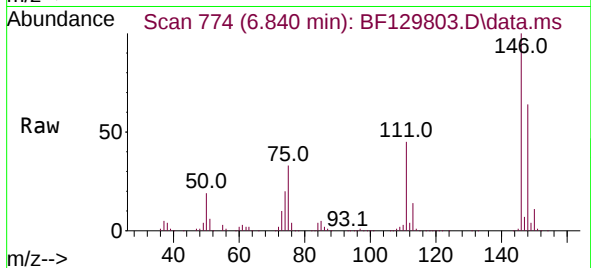
#13
1,4-Dichlorobenzene
Concen: 41.867 ng
RT: 6.840 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF129803.D
Acq: 16 Aug 2022 10:26

Instrument :
BNA_F
ClientSampleId :
PB146771BS

Tgt Ion:146 Resp: 563532
Ion Ratio Lower Upper
146 100
148 64.0 50.6 75.8
111 44.9 36.2 54.4

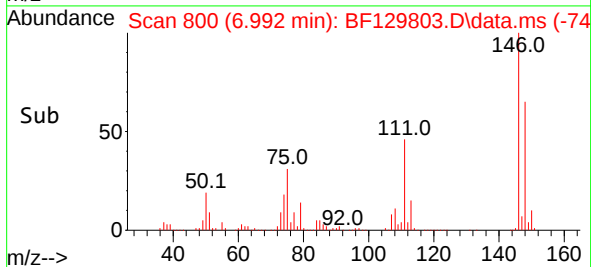
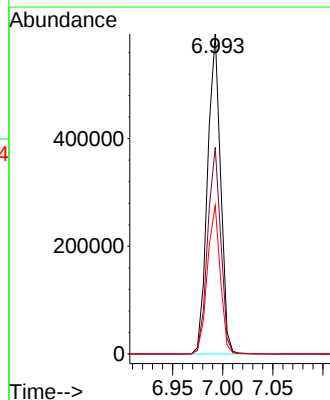
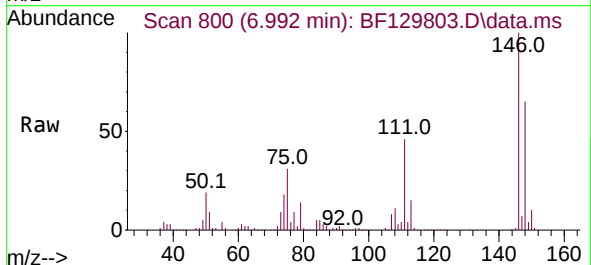
Manual Integrations
APPROVED

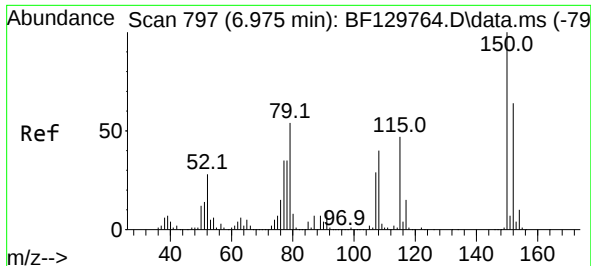
Reviewed By :Christian Giraldo 08/17/2022
Supervised By :Jagrut Upadhyay 08/17/2022



#14
1,2-Dichlorobenzene
Concen: 42.829 ng
RT: 6.992 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF129803.D
Acq: 16 Aug 2022 10:26

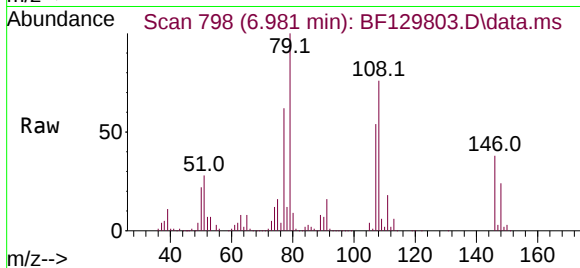
Tgt Ion:146 Resp: 535410
Ion Ratio Lower Upper
146 100
148 64.5 51.8 77.6
111 46.4 37.2 55.8





#15
Benzyl Alcohol
Concen: 43.112 ng
RT: 6.981 min Scan# 79
Delta R.T. 0.006 min
Lab File: BF129803.D
Acq: 16 Aug 2022 10:26

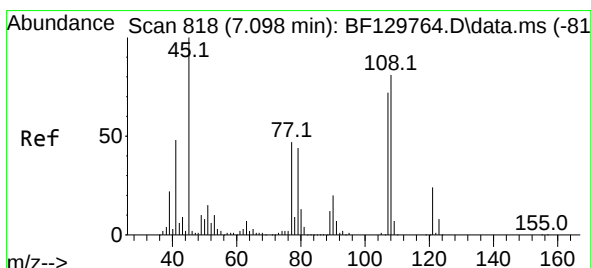
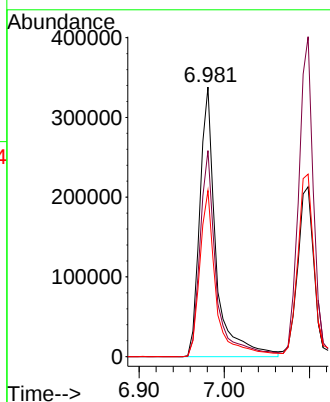
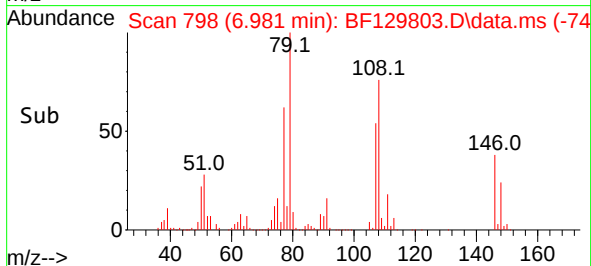
Instrument :
BNA_F
ClientSampleId :
PB146771BS



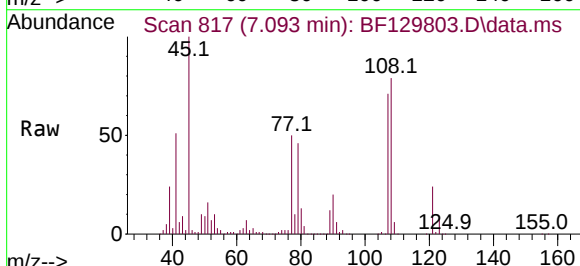
Tgt Ion: 79 Resp: 446744
Ion Ratio Lower Upper
79 100
108 76.4 59.2 88.8
77 61.6 51.9 77.9

Manual Integrations
APPROVED

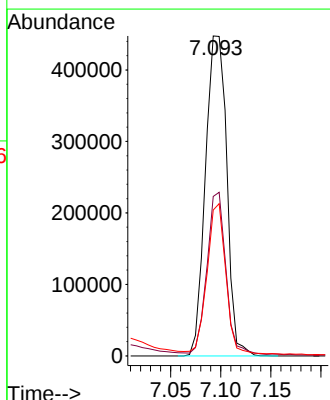
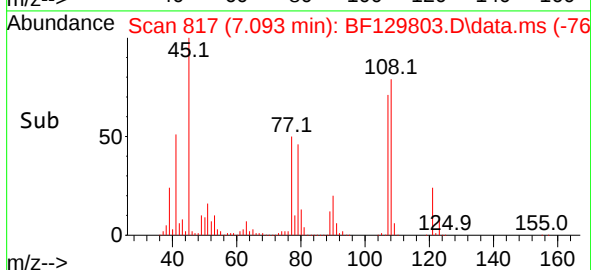
Reviewed By :Christian Giraldo 08/17/2022
Supervised By :Jagrut Upadhyay 08/17/2022

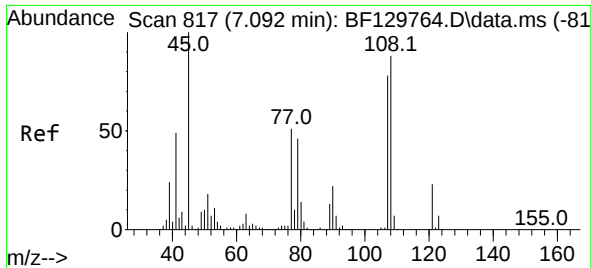


#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.113 ng
RT: 7.093 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF129803.D
Acq: 16 Aug 2022 10:26



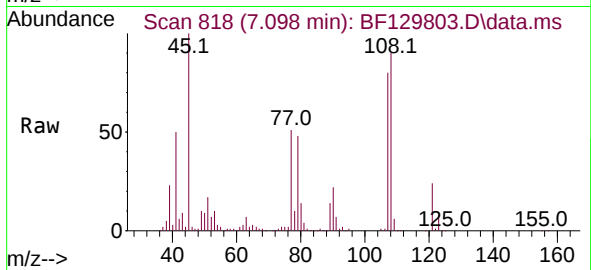
Tgt Ion: 45 Resp: 660515
Ion Ratio Lower Upper
45 100
77 49.8 27.4 67.4
79 45.6 24.4 64.4





#17
2-Methylphenol
Concen: 44.306 ng
RT: 7.098 min Scan# 817
Delta R.T. 0.006 min
Lab File: BF129803.D
Acq: 16 Aug 2022 10:26

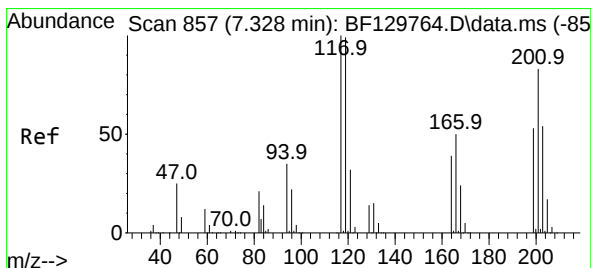
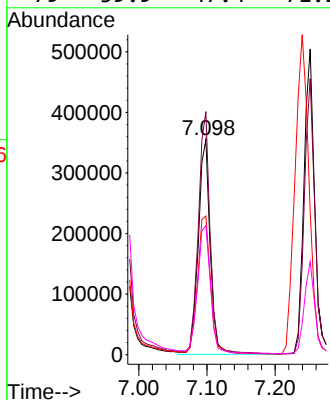
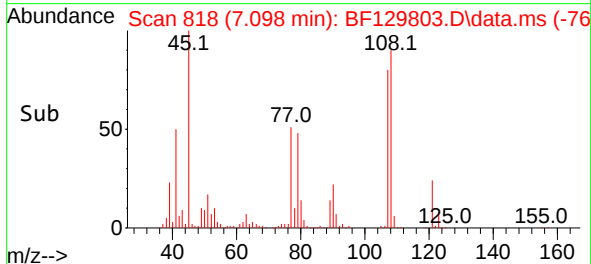
Instrument :
BNA_F
ClientSampleId :
PB146771BS



Tgt Ion:107 Resp: 434091
Ion Ratio Lower Upper
107 100
108 113.0 90.2 135.2
77 64.4 51.8 77.8
79 59.9 47.4 71.2

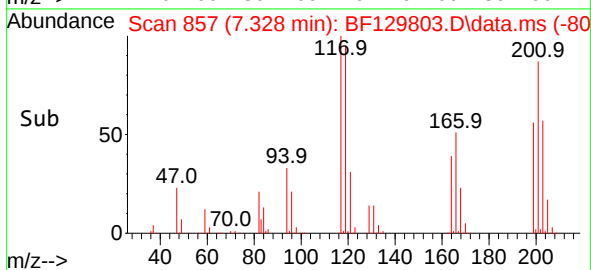
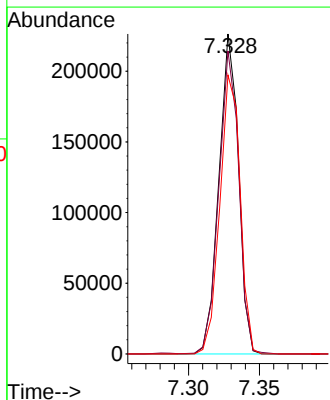
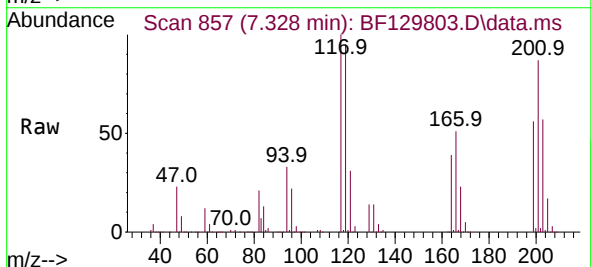
Manual Integrations
APPROVED

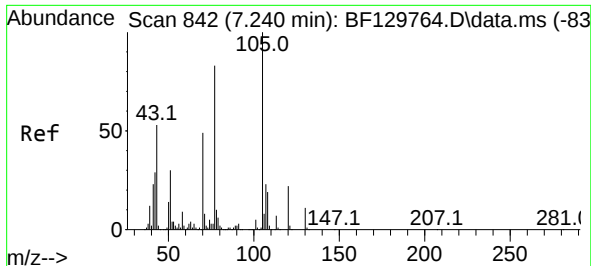
Reviewed By :Christian Giraldo 08/17/2022
Supervised By :Jagrut Upadhyay 08/17/2022



#18
Hexachloroethane
Concen: 43.014 ng
RT: 7.328 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF129803.D
Acq: 16 Aug 2022 10:26

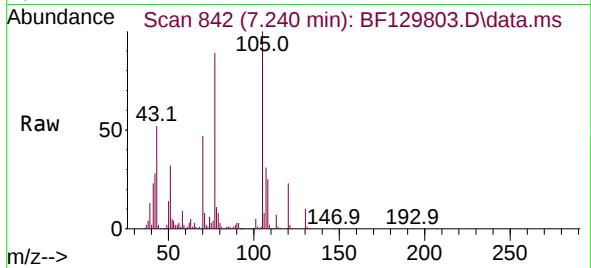
Tgt Ion:117 Resp: 217417
Ion Ratio Lower Upper
117 100
119 94.7 79.1 118.7
201 87.1 66.6 100.0





#19
n-Nitroso-di-n-propylamine
Concen: 42.815 ng
RT: 7.240 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF129803.D
Acq: 16 Aug 2022 10:26

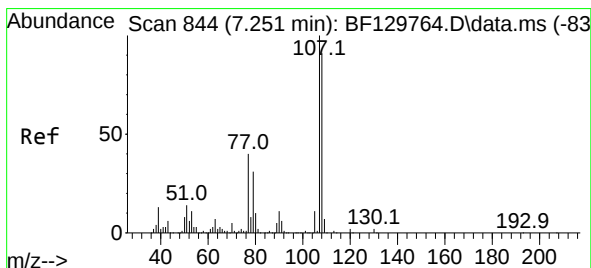
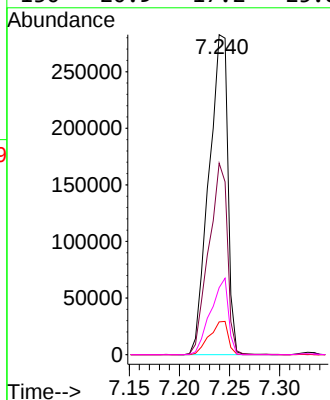
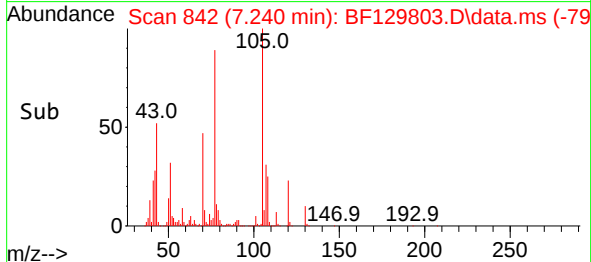
Instrument :
BNA_F
ClientSampleId :
PB146771BS



Tgt Ion: 70 Resp: 371462
Ion Ratio Lower Upper
70 100
42 59.8 47.6 71.4
101 10.2 8.1 12.1
130 20.9 17.2 25.8

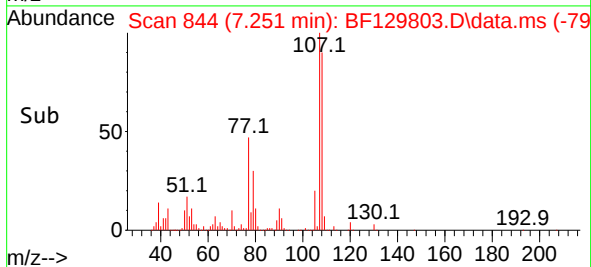
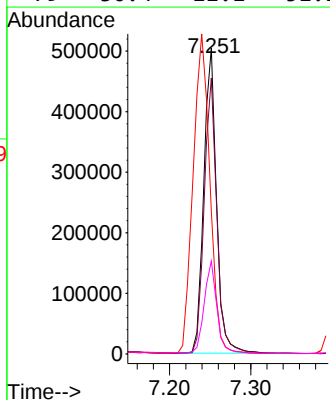
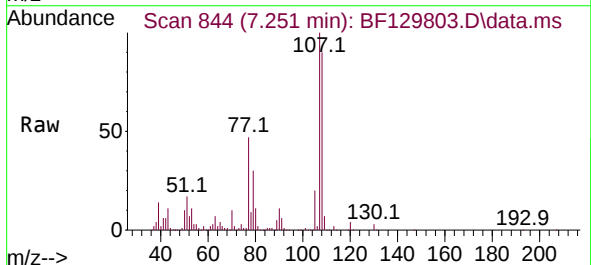
Manual Integrations
APPROVED

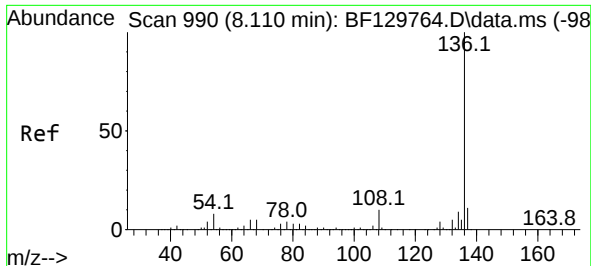
Reviewed By :Christian Giraldo 08/17/2022
Supervised By :Jagrut Upadhyay 08/17/2022



#20
3+4-Methylphenols
Concen: 41.958 ng
RT: 7.251 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF129803.D
Acq: 16 Aug 2022 10:26

Tgt Ion:107 Resp: 551826
Ion Ratio Lower Upper
107 100
108 90.2 71.3 111.3
77 46.7 20.4 60.4
79 30.4 11.1 51.1





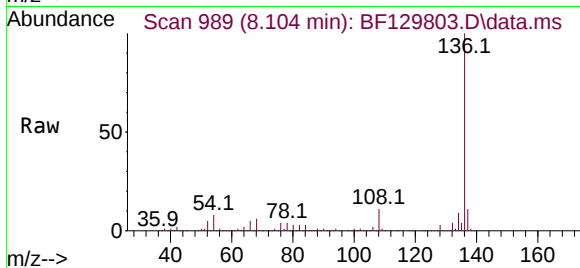
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 989
Delta R.T. -0.006 min
Lab File: BF129803.D
Acq: 16 Aug 2022 10:26

Instrument :

BNA_F

ClientSampleId :

PB146771BS

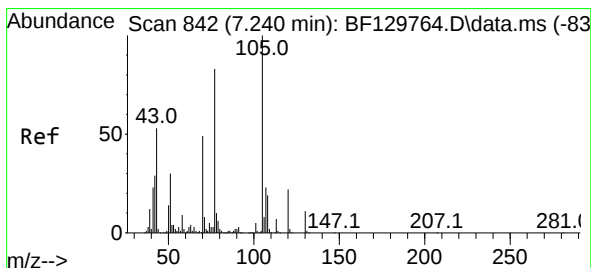
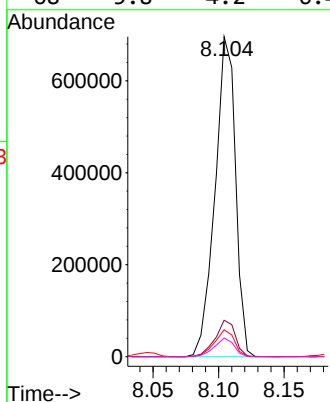
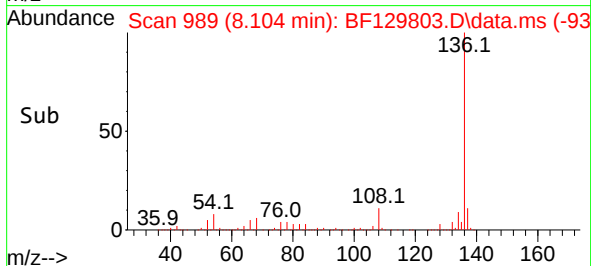


Tgt Ion:136 Resp: 757974
Ion Ratio Lower Upper
136 100
137 11.4 8.4 12.6
54 8.4 6.2 9.2
68 5.8 4.2 6.4

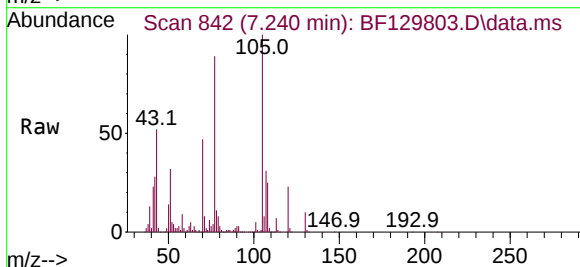
Manual Integrations

APPROVED

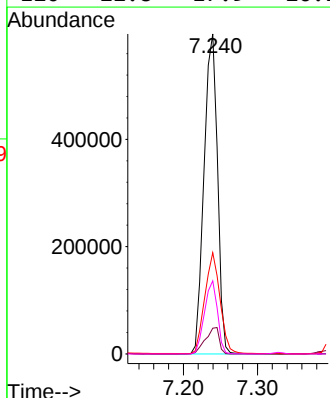
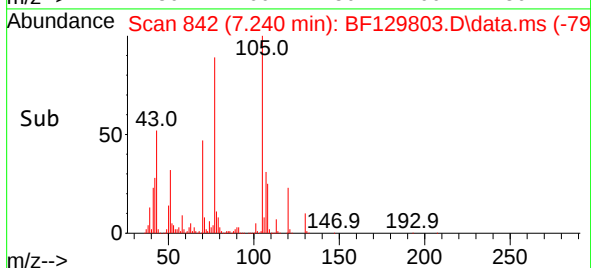
Reviewed By :Christian Giraldo 08/17/2022
Supervised By :Jagrut Upadhyay 08/17/2022

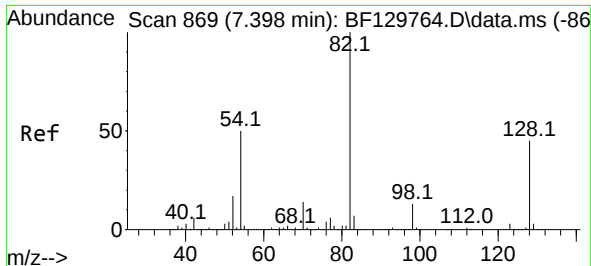


#22
Acetophenone
Concen: 40.720 ng
RT: 7.240 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF129803.D
Acq: 16 Aug 2022 10:26



Tgt Ion:105 Resp: 752139
Ion Ratio Lower Upper
105 100
71 8.0 6.6 9.8
51 31.6 23.8 35.8
120 22.8 17.9 26.9





#23

Nitrobenzene-d5

Concen: 76.680 ng

RT: 7.398 min Scan# 869

Delta R.T. 0.000 min

Lab File: BF129803.D

Acq: 16 Aug 2022 10:26

Instrument :

BNA_F

ClientSampleId :

PB146771BS

Tgt Ion: 82 Resp: 1085729

Ion Ratio Lower Upper

82 100

128 46.2 36.1 54.1

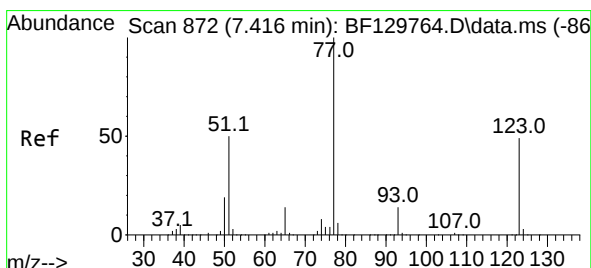
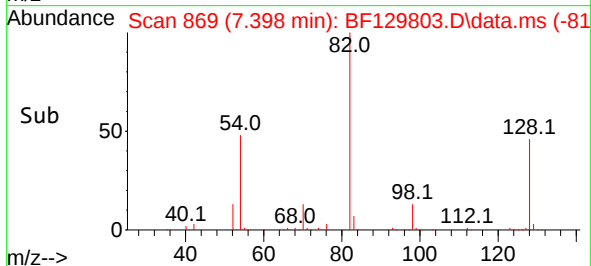
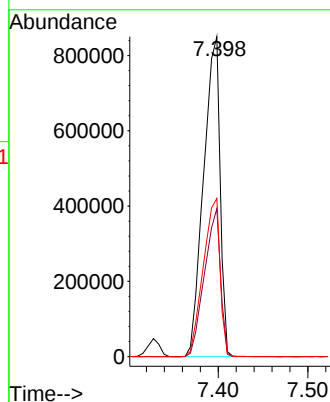
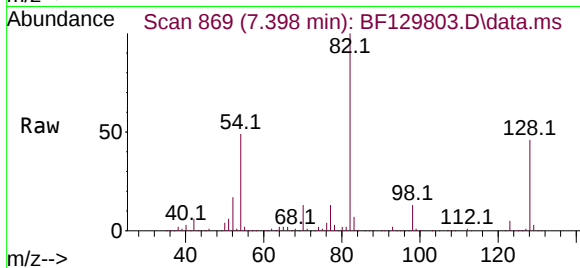
54 49.4 40.0 60.0

Manual Integrations

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Reviewed By :Christian Giraldo 08/17/2022

Supervised By :Jagrut Upadhyay 08/17/2022



#24

Nitrobenzene

Concen: 39.691 ng

RT: 7.416 min Scan# 872

Delta R.T. 0.000 min

Lab File: BF129803.D

Acq: 16 Aug 2022 10:26

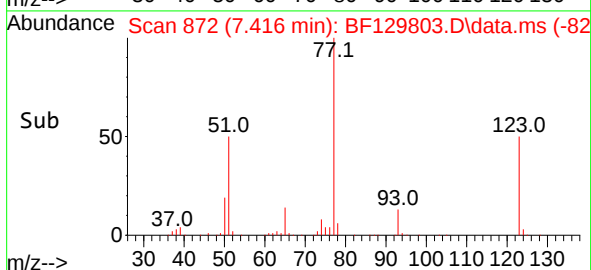
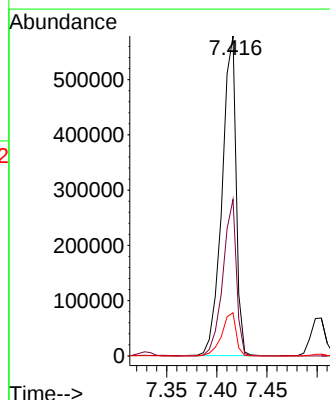
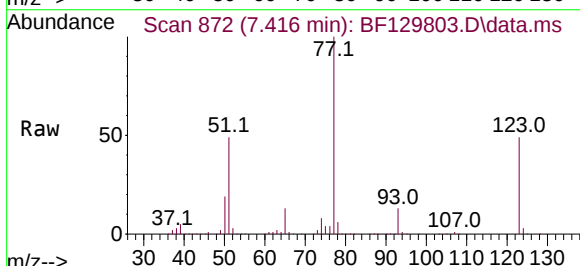
Tgt Ion: 77 Resp: 566695

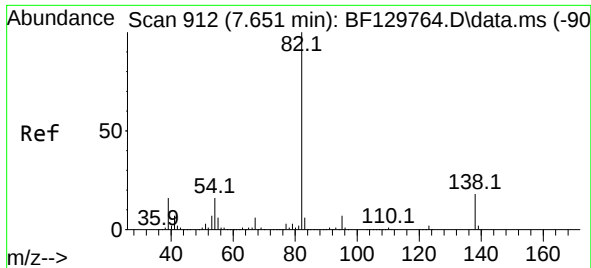
Ion Ratio Lower Upper

77 100

123 48.9 39.2 58.8

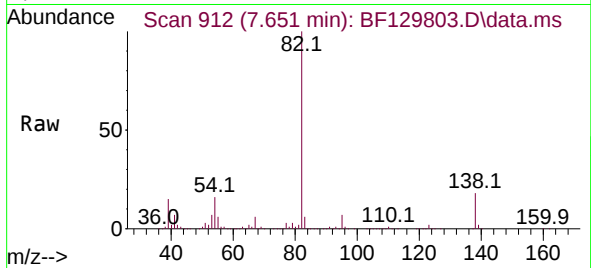
65 13.5 11.1 16.7





#25
Isophorone
Concen: 42.707 ng
RT: 7.651 min Scan# 912
Delta R.T. 0.000 min
Lab File: BF129803.D
Acq: 16 Aug 2022 10:26

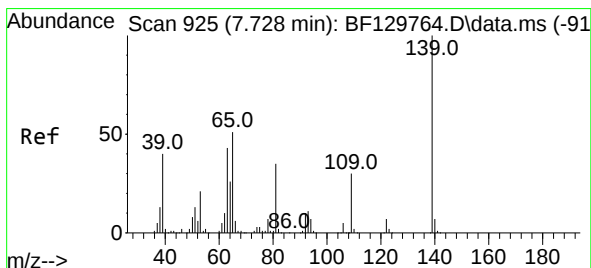
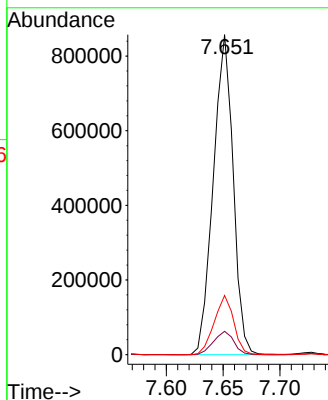
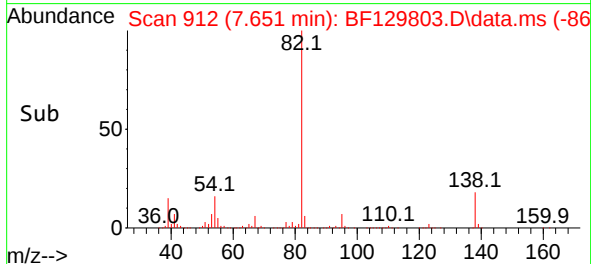
Instrument :
BNA_F
Client Sample Id :
PB146771BS



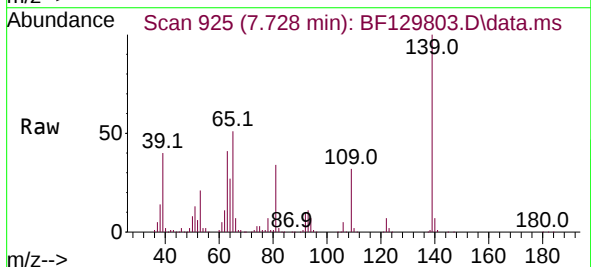
Tgt Ion: 82 Resp: 104078
Ion Ratio Lower Upper
82 100
95 7.3 5.9 8.9
138 18.5 14.6 21.8

Manual Integrations
APPROVED

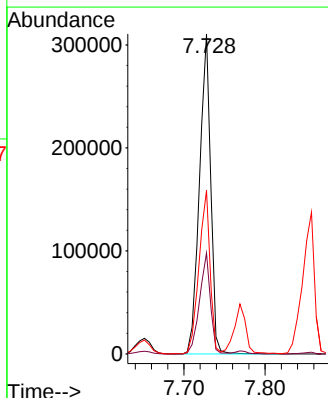
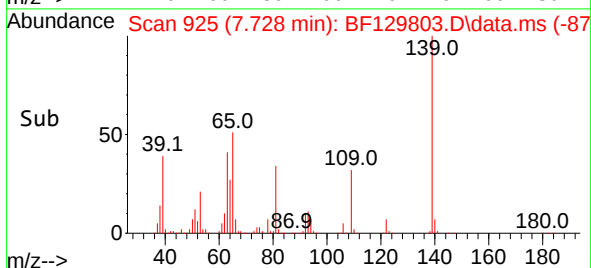
Reviewed By :Christian Giraldo 08/17/2022
Supervised By :Jagrut Upadhyay 08/17/2022

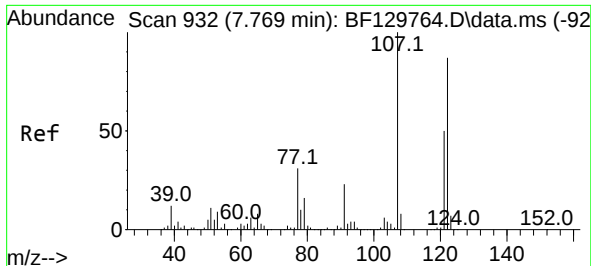


#26
2-Nitrophenol
Concen: 42.290 ng
RT: 7.728 min Scan# 925
Delta R.T. 0.000 min
Lab File: BF129803.D
Acq: 16 Aug 2022 10:26



Tgt Ion:139 Resp: 297000
Ion Ratio Lower Upper
139 100
109 31.5 24.4 36.6
65 51.1 40.9 61.3





#27

2,4-Dimethylphenol

Concen: 46.304 ng

RT: 7.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: BF129803.D

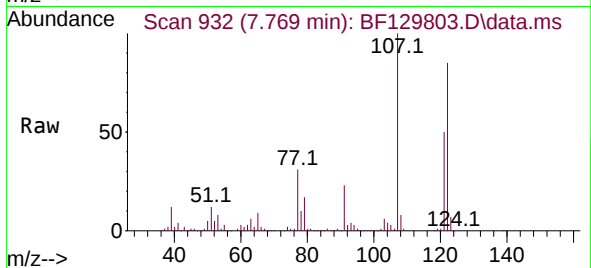
Acq: 16 Aug 2022 10:26

Instrument :

BNA_F

ClientSampleId :

PB146771BS



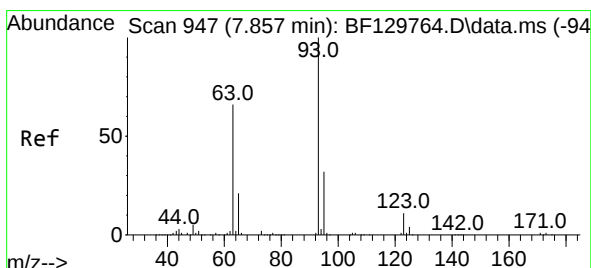
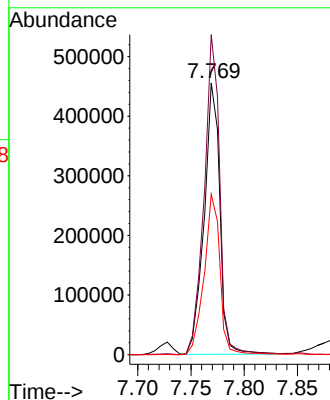
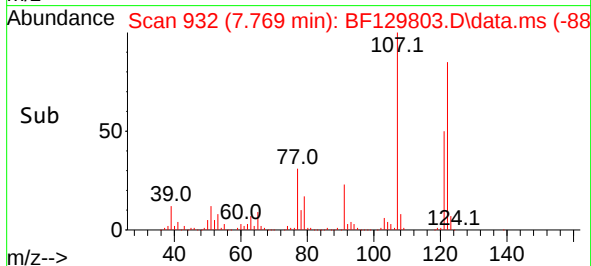
Tgt Ion:	122	Resp:	466359
Ion	Ratio	Lower	Upper
122	100		
107	117.8	92.2	138.4
121	59.1	46.1	69.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/17/2022

Supervised By :Jagrut Upadhyay 08/17/2022



#28

bis(2-Chloroethoxy)methane

Concen: 45.193 ng

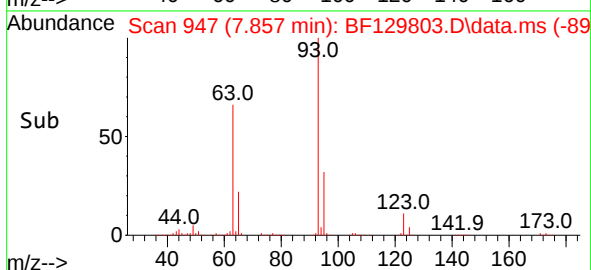
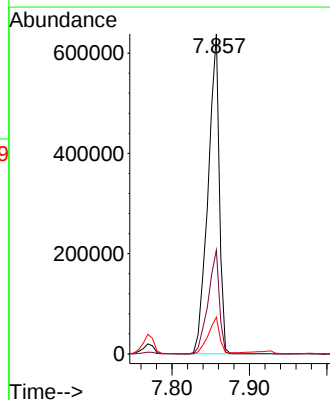
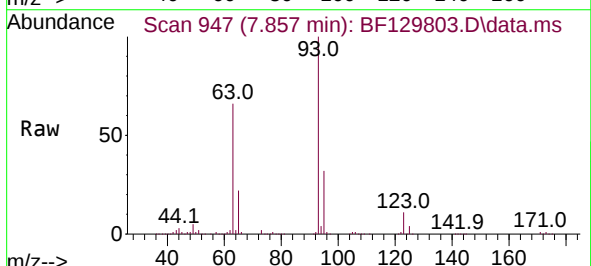
RT: 7.857 min Scan# 947

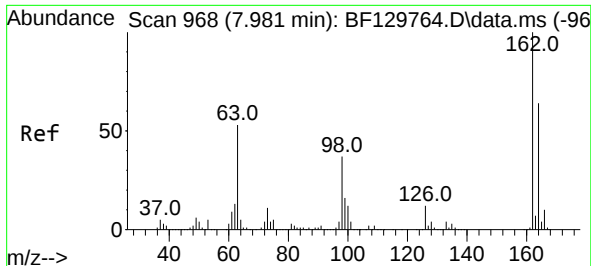
Delta R.T. 0.000 min

Lab File: BF129803.D

Acq: 16 Aug 2022 10:26

Tgt Ion:	93	Resp:	643070
Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.6	38.4
123	11.5	9.0	13.4





#29

2,4-Dichlorophenol

Concen: 40.890 ng

RT: 7.981 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF129803.D

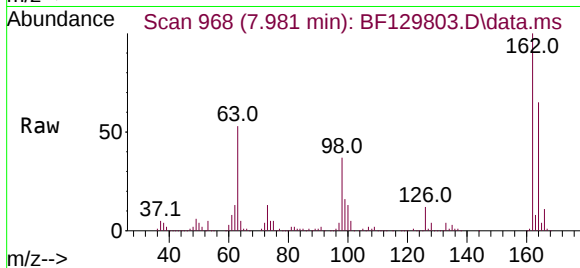
Acq: 16 Aug 2022 10:26

Instrument :

BNA_F

ClientSampleId :

PB146771BS

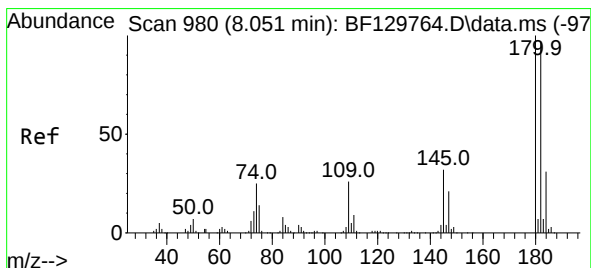
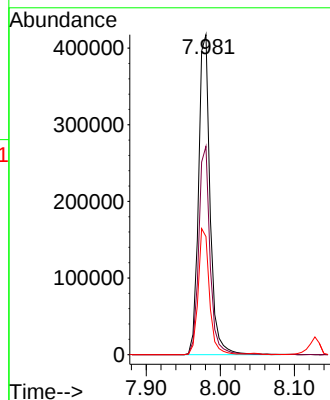
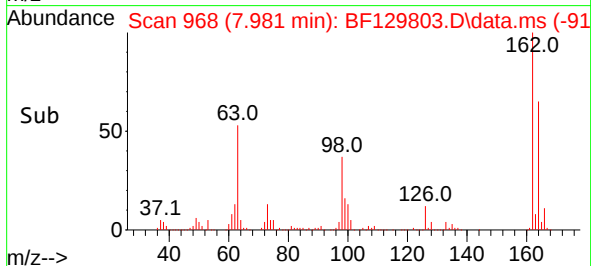


Tgt Ion:	162	Resp:	450324
Ion Ratio	Lower	Upper	
162	100		
164	65.1	43.7	83.7
98	36.9	16.5	56.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/17/2022
Supervised By :Jagrut Upadhyay 08/17/2022



#30

1,2,4-Trichlorobenzene

Concen: 38.907 ng

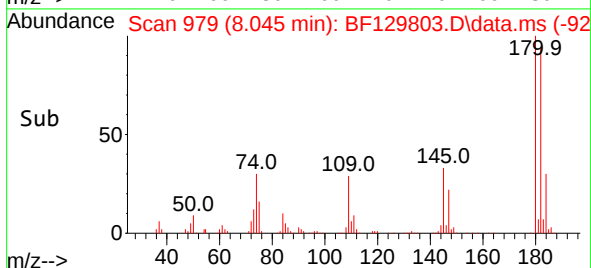
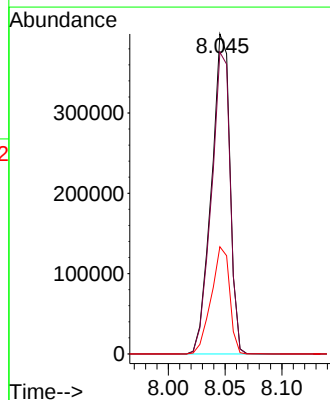
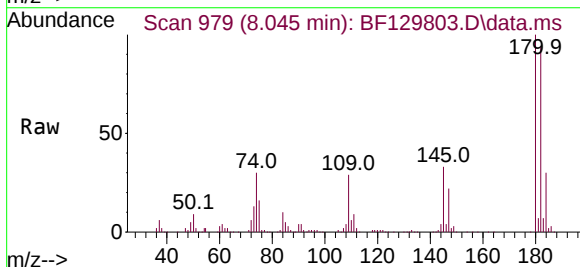
RT: 8.045 min Scan# 979

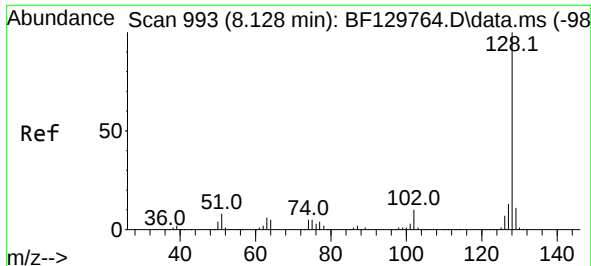
Delta R.T. -0.006 min

Lab File: BF129803.D

Acq: 16 Aug 2022 10:26

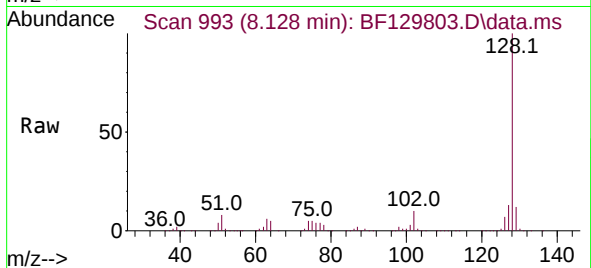
Tgt Ion:	180	Resp:	452032
Ion Ratio	Lower	Upper	
180	100		
182	94.3	77.6	116.4
145	33.5	25.6	38.4





#31
Naphthalene
Concen: 39.156 ng
RT: 8.128 min Scan# 993
Delta R.T. 0.000 min
Lab File: BF129803.D
Acq: 16 Aug 2022 10:26

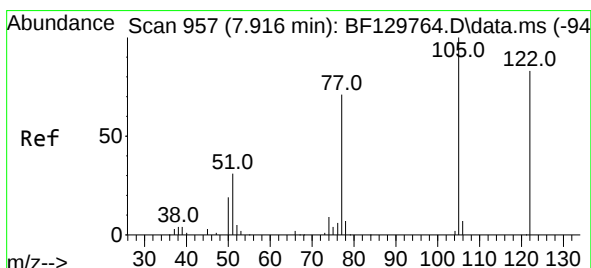
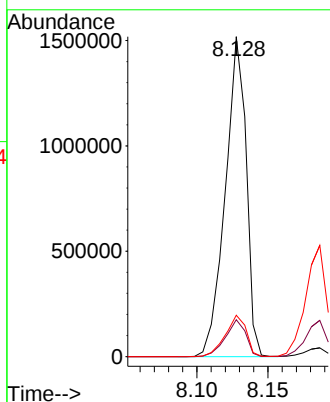
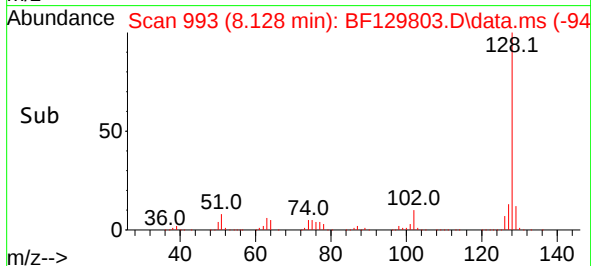
Instrument :
BNA_F
Client Sample Id :
PB146771BS



Tgt Ion:128 Resp: 1551815
Ion Ratio Lower Upper
128 100
129 11.5 8.9 13.3
127 12.9 10.7 16.1

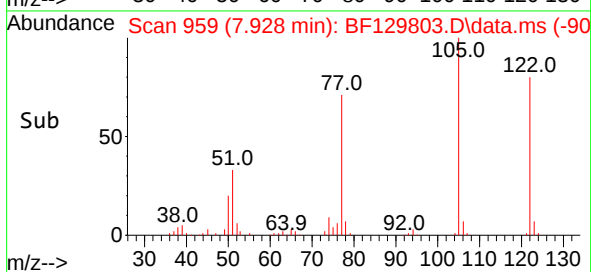
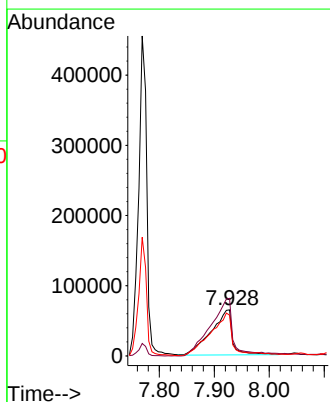
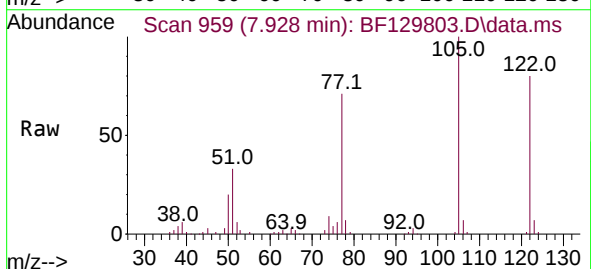
Manual Integrations
APPROVED

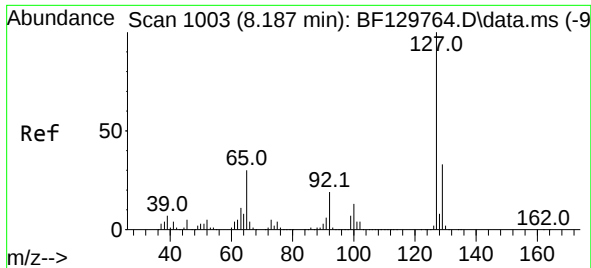
Reviewed By :Christian Giraldo 08/17/2022
Supervised By :Jagrut Upadhyay 08/17/2022



#32
Benzoic acid
Concen: 41.112 ng
RT: 7.928 min Scan# 959
Delta R.T. 0.012 min
Lab File: BF129803.D
Acq: 16 Aug 2022 10:26

Tgt Ion:122 Resp: 176720
Ion Ratio Lower Upper
122 100
105 125.2 99.9 139.9
77 88.6 65.9 105.9





#33
4-Chloroaniline
Concen: 38.344 ng
RT: 8.187 min Scan# 1003
Delta R.T. 0.000 min
Lab File: BF129803.D
Acq: 16 Aug 2022 10:26

Instrument :

BNA_F

ClientSampleId :

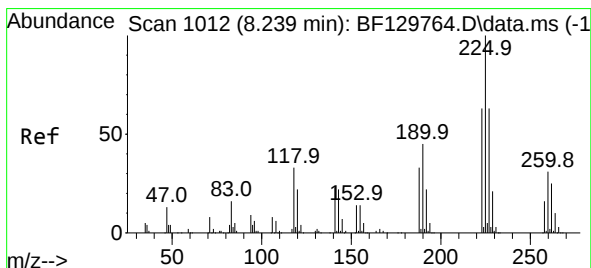
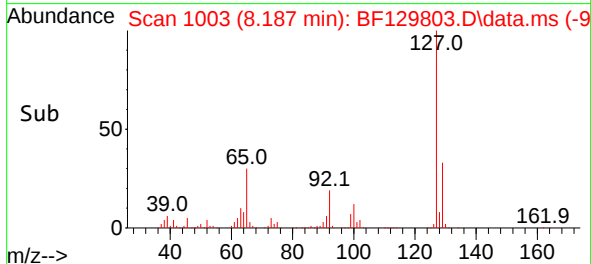
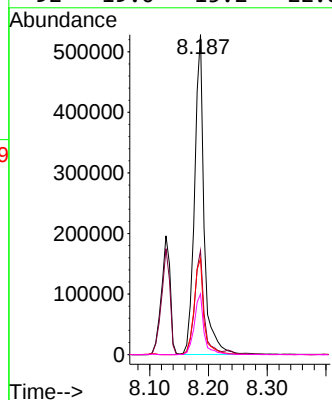
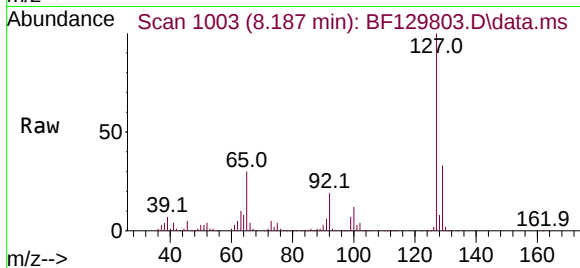
PB146771BS

Tgt Ion:127 Resp: 59759
Ion Ratio Lower Upper
127 100
129 32.5 26.7 40.1
65 30.0 24.2 36.2
92 19.0 15.2 22.8

Manual Integrations

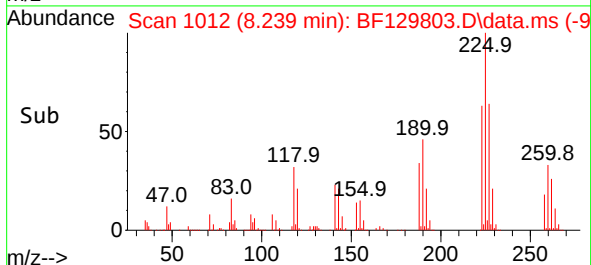
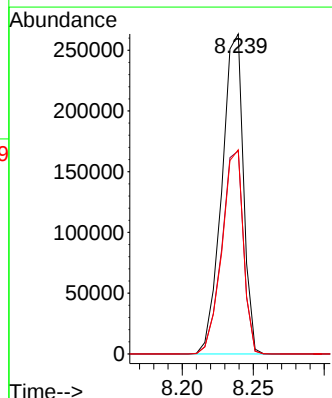
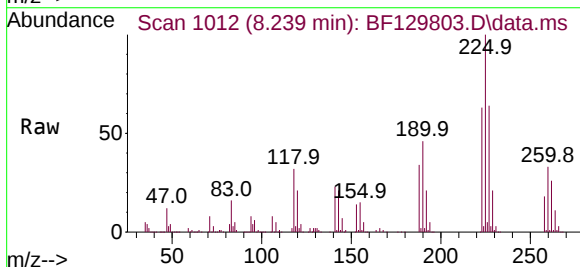
APPROVED

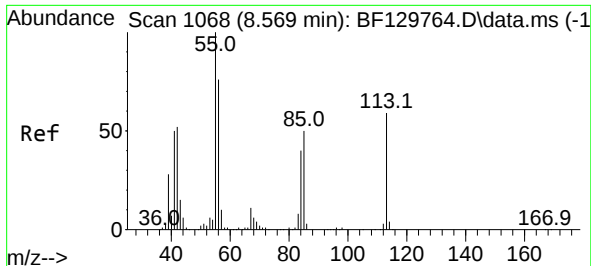
Reviewed By :Christian Giraldo 08/17/2022
Supervised By :Jagrut Upadhyay 08/17/2022



#34
Hexachlorobutadiene
Concen: 39.357 ng
RT: 8.239 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BF129803.D
Acq: 16 Aug 2022 10:26

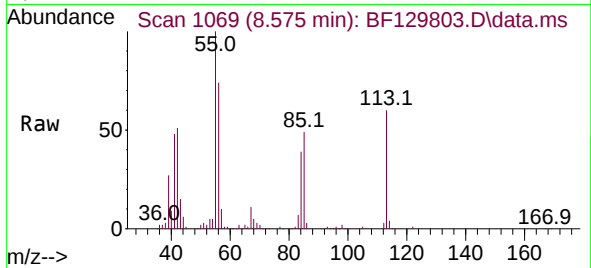
Tgt Ion:225 Resp: 278427
Ion Ratio Lower Upper
225 100
223 63.4 50.2 75.2
227 63.8 50.6 75.8





#35
Caprolactam
Concen: 40.891 ng m
RT: 8.575 min Scan# 1068
Delta R.T. 0.006 min
Lab File: BF129803.D
Acq: 16 Aug 2022 10:26

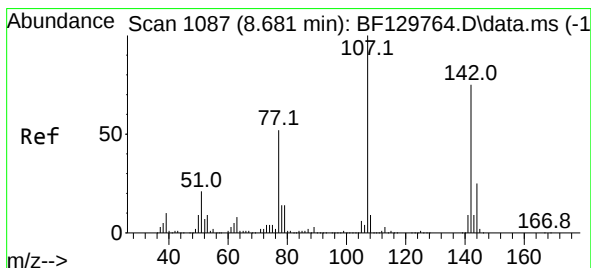
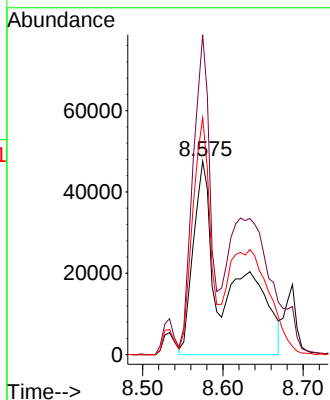
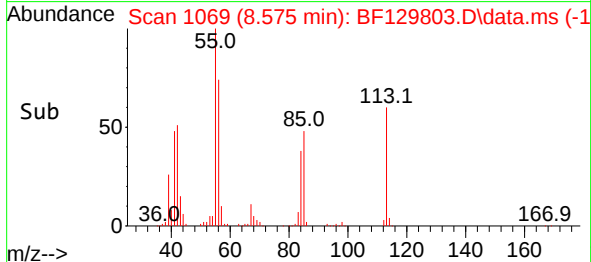
Instrument :
BNA_F
ClientSampleId :
PB146771BS



Tgt Ion:113 Resp: 140042
Ion Ratio Lower Upper
113 100
55 165.5 148.8 188.8
56 122.6 109.1 149.1

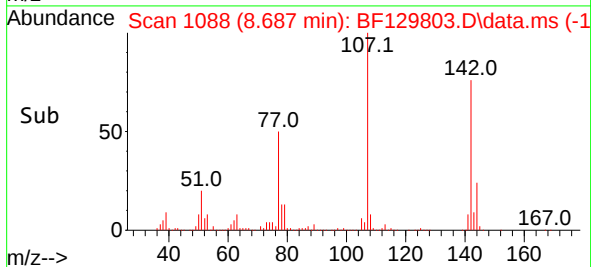
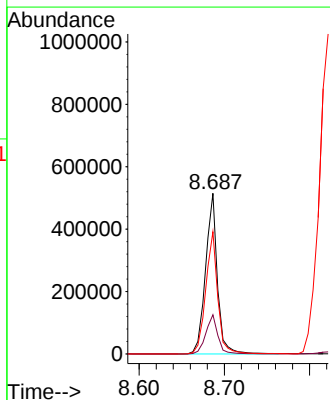
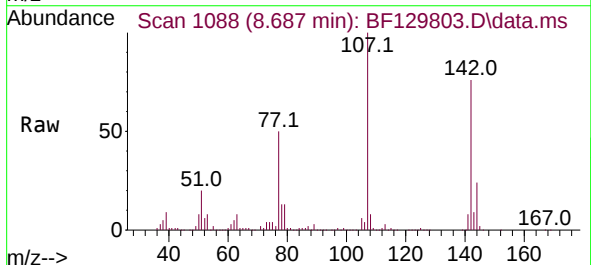
Manual Integrations
APPROVED

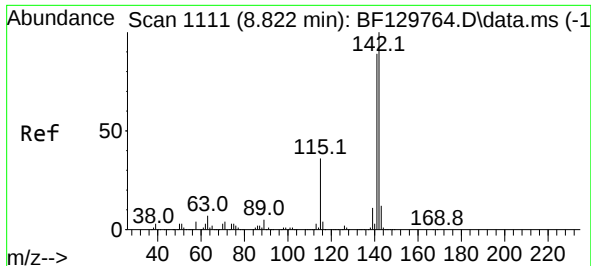
Reviewed By :Christian Giraldo 08/17/2022
Supervised By :Jagrut Upadhyay 08/17/2022



#36
4-Chloro-3-methylphenol
Concen: 41.772 ng
RT: 8.687 min Scan# 1088
Delta R.T. 0.006 min
Lab File: BF129803.D
Acq: 16 Aug 2022 10:26

Tgt Ion:107 Resp: 496297
Ion Ratio Lower Upper
107 100
144 24.4 19.9 29.9
142 76.1 60.2 90.4





#37

2-Methylnaphthalene

Concen: 39.800 ng

RT: 8.822 min Scan# 1111

Delta R.T. 0.000 min

Lab File: BF129803.D

Acq: 16 Aug 2022 10:26

Instrument :

BNA_F

ClientSampleId :

PB146771BS

Tgt Ion:142 Resp: 103526

Ion Ratio Lower Upper

142 100

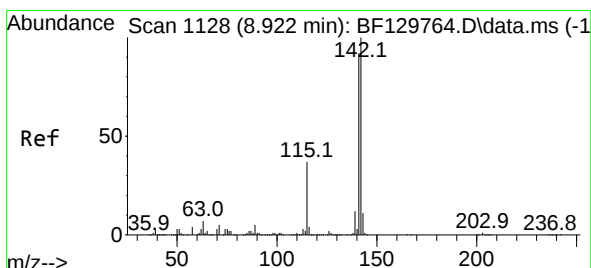
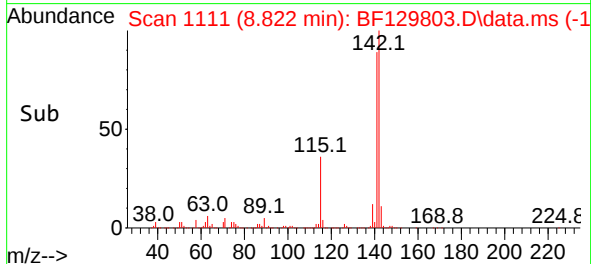
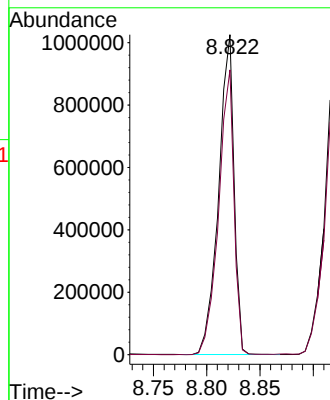
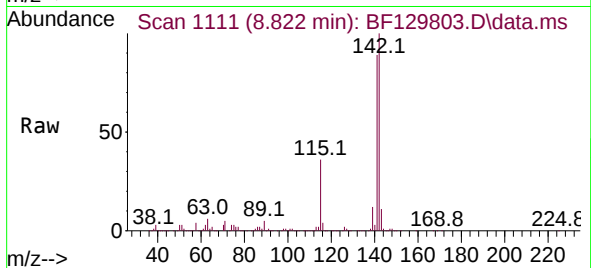
141 89.0 70.9 106.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/17/2022

Supervised By :Jagrut Upadhyay 08/17/2022



#38

1-Methylnaphthalene

Concen: 38.794 ng

RT: 8.922 min Scan# 1128

Delta R.T. 0.000 min

Lab File: BF129803.D

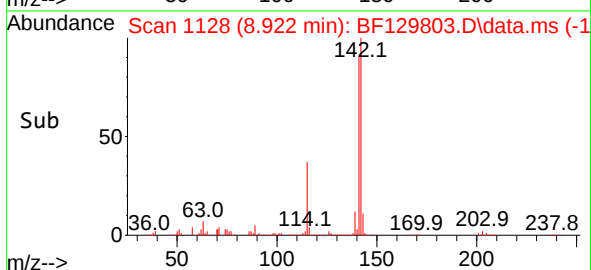
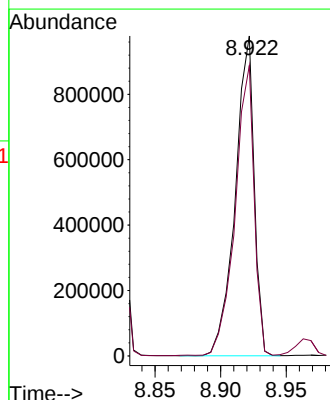
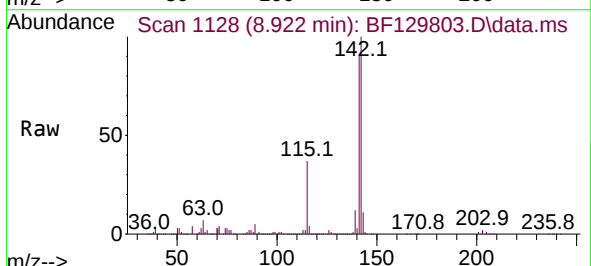
Acq: 16 Aug 2022 10:26

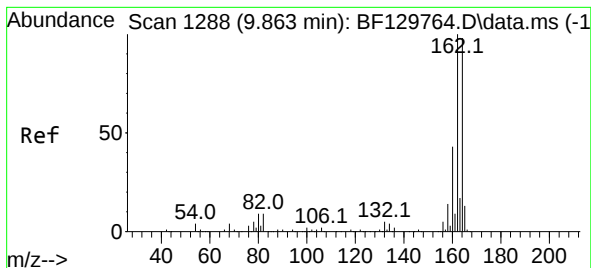
Tgt Ion:142 Resp: 980674

Ion Ratio Lower Upper

142 100

141 90.7 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1128

Delta R.T. -0.000 min

Lab File: BF129803.D

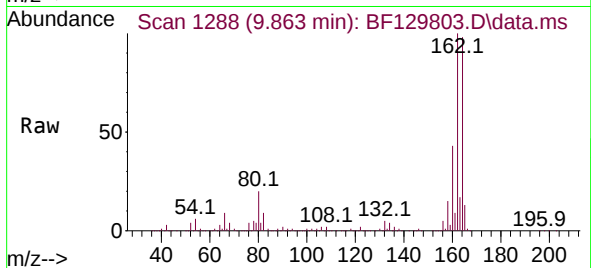
Acq: 16 Aug 2022 10:26

Instrument :

BNA_F

ClientSampleId :

PB146771BS

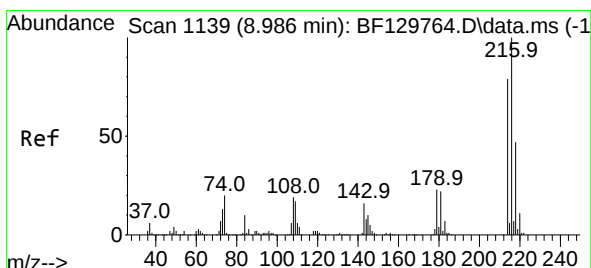
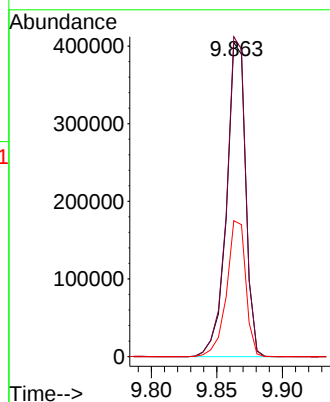
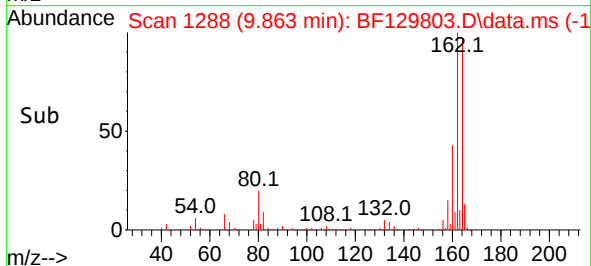


Tgt Ion:	164	Resp:	408417
Ion Ratio	Lower	Upper	
164	100		
162	101.9	82.0	123.0
160	43.3	35.4	53.0

Manual Integrations

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Reviewed By :Christian Giraldo 08/17/2022
Supervised By :Jagrut Upadhyay 08/17/2022



#40

1,2,4,5-Tetrachlorobenzene

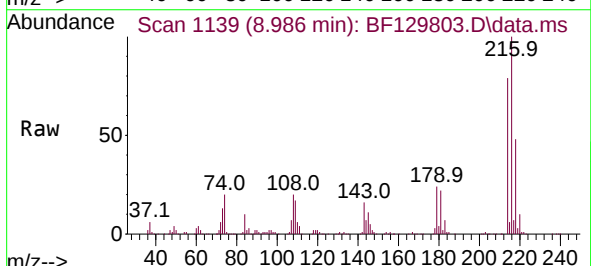
Concen: 40.611 ng

RT: 8.986 min Scan# 1139

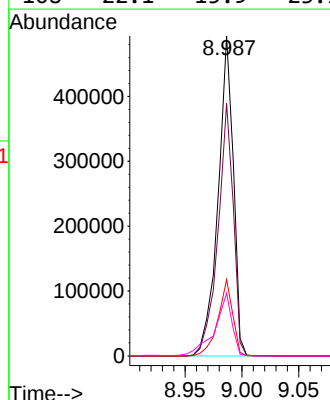
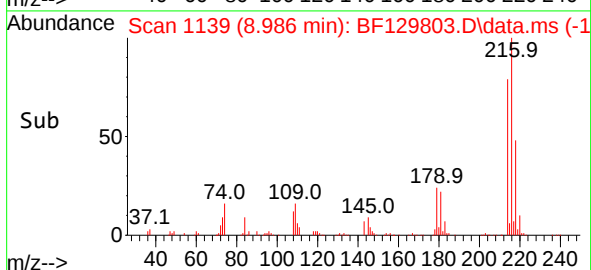
Delta R.T. 0.000 min

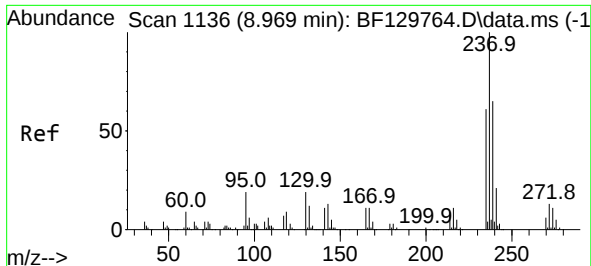
Lab File: BF129803.D

Acq: 16 Aug 2022 10:26



Tgt Ion:	216	Resp:	461322
Ion Ratio	Lower	Upper	
216	100		
214	79.0	63.1	94.7
179	22.8	18.1	27.1
108	22.1	15.9	23.9





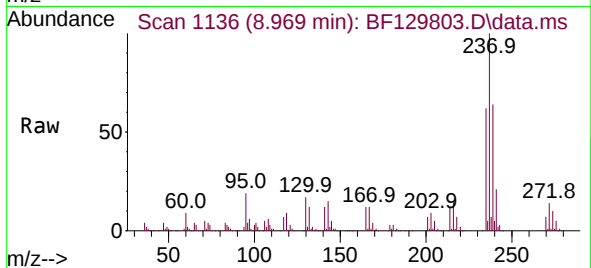
#41
Hexachlorocyclopentadiene
Concen: 94.023 ng
RT: 8.969 min Scan# 1136
Delta R.T. -0.000 min
Lab File: BF129803.D
Acq: 16 Aug 2022 10:26

Instrument :

BNA_F

ClientSampleId :

PB146771BS

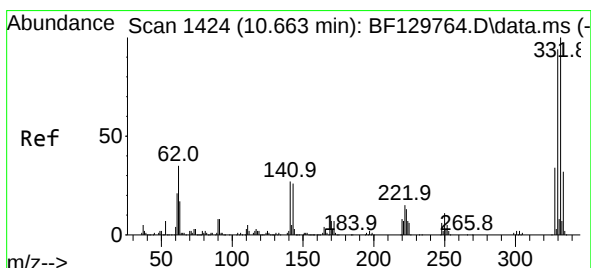
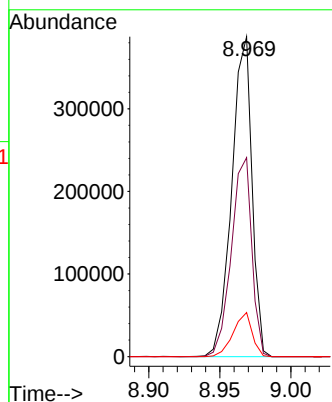
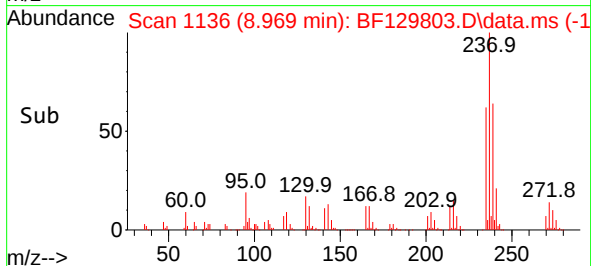


Tgt Ion:237 Resp: 383472
Ion Ratio Lower Upper
237 100
235 62.2 41.5 81.5
272 13.8 0.0 33.3

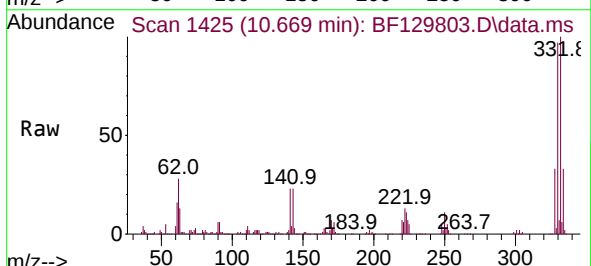
Manual Integrations

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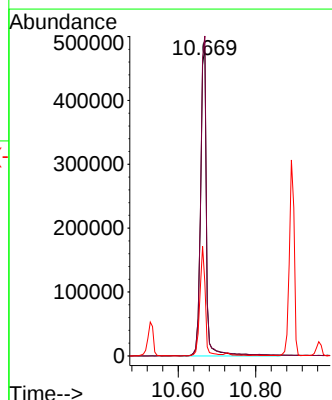
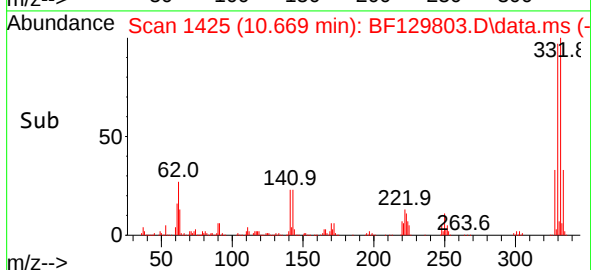
Reviewed By :Christian Giraldo 08/17/2022
Supervised By :Jagrut Upadhyay 08/17/2022

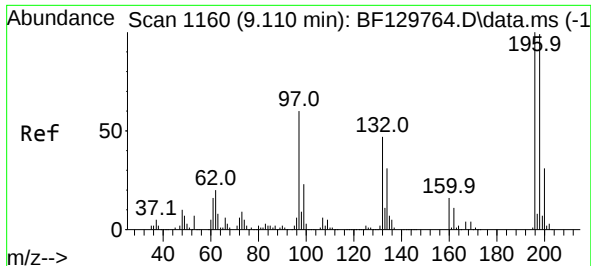


#42
2,4,6-Tribromophenol
Concen: 123.663 ng
RT: 10.669 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF129803.D
Acq: 16 Aug 2022 10:26



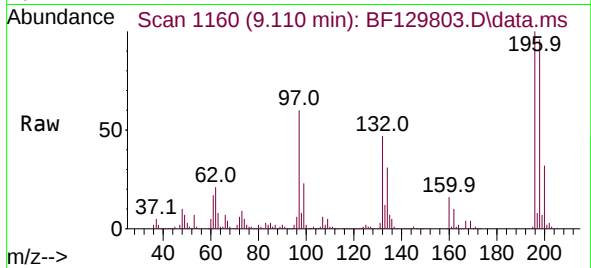
Tgt Ion:330 Resp: 506906
Ion Ratio Lower Upper
330 100
332 101.5 82.6 124.0
141 32.8 27.6 41.4





#43
2,4,6-Trichlorophenol
Concen: 39.566 ng
RT: 9.110 min Scan# 1160
Delta R.T. 0.000 min
Lab File: BF129803.D
Acq: 16 Aug 2022 10:26

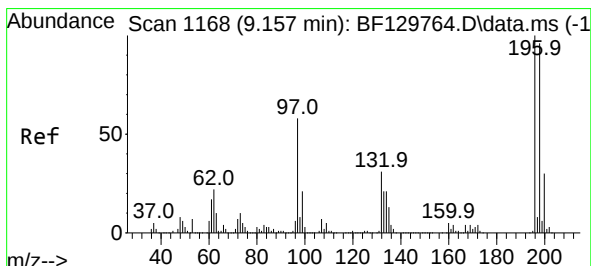
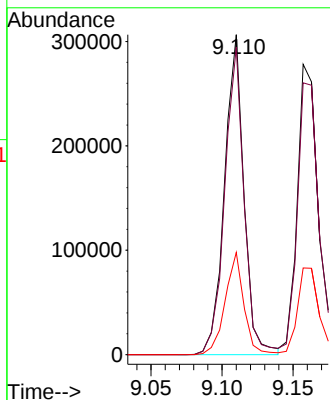
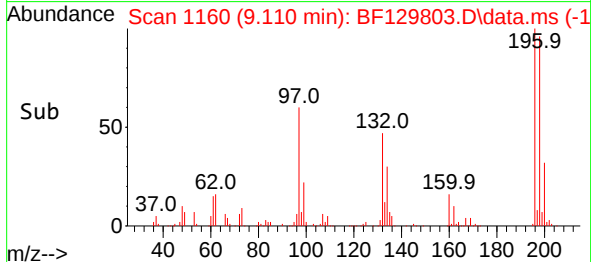
Instrument :
BNA_F
ClientSampleId :
PB146771BS



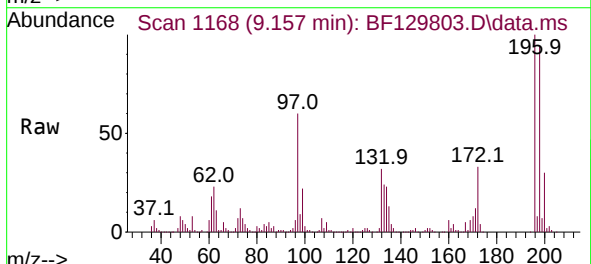
Tgt Ion:196 Resp: 292020
Ion Ratio Lower Upper
196 100
198 96.0 79.0 118.4
200 31.9 25.1 37.7

Manual Integrations
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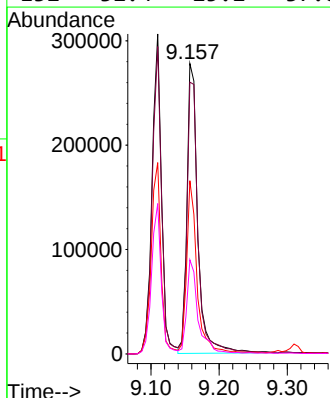
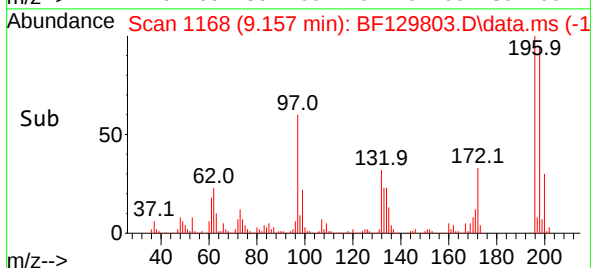
Reviewed By :Christian Giraldo 08/17/2022
Supervised By :Jagrut Upadhyay 08/17/2022

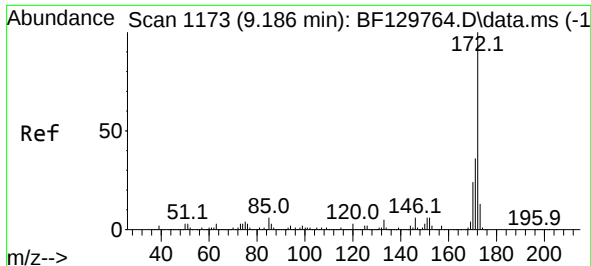


#44
2,4,5-Trichlorophenol
Concen: 38.898 ng
RT: 9.157 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BF129803.D
Acq: 16 Aug 2022 10:26



Tgt Ion:196 Resp: 308867
Ion Ratio Lower Upper
196 100
198 93.6 76.4 114.6
97 59.7 46.5 69.7
132 32.4 25.2 37.8





#45

2-Fluorobiphenyl

Concen: 75.439 ng

RT: 9.181 min Scan# 1173

Delta R.T. -0.006 min

Lab File: BF129803.D

Acq: 16 Aug 2022 10:26

Instrument :

BNA_F

ClientSampleId :

PB146771BS

Tgt Ion:172 Resp: 2028602

Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

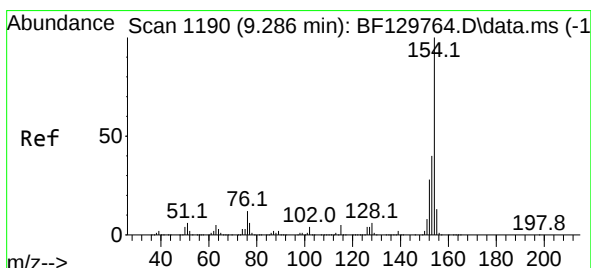
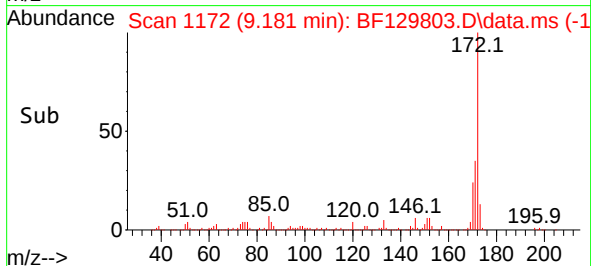
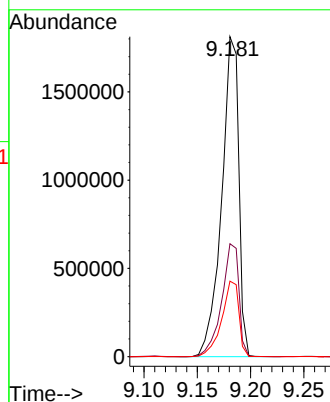
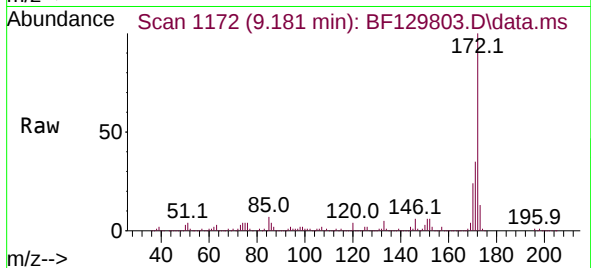
170 23.6 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/17/2022

Supervised By :Jagrut Upadhyay 08/17/2022



#46

1,1'-Biphenyl

Concen: 40.606 ng

RT: 9.286 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF129803.D

Acq: 16 Aug 2022 10:26

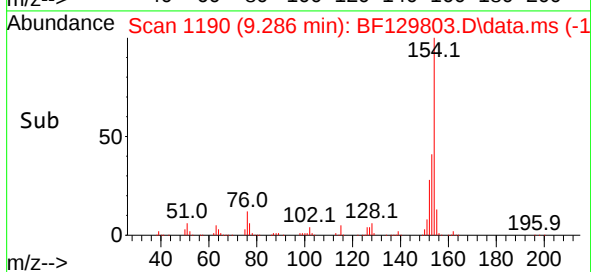
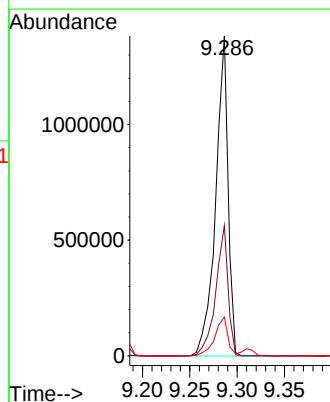
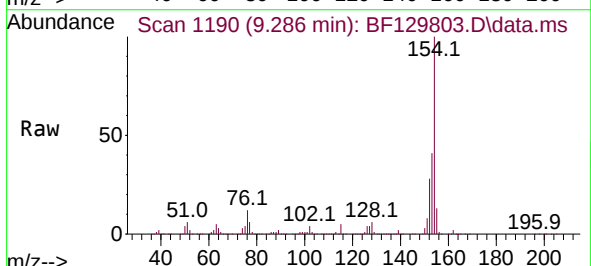
Tgt Ion:154 Resp: 1259887

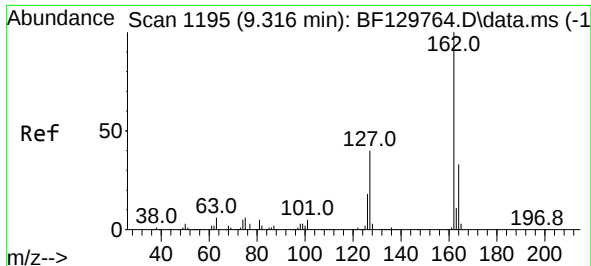
Ion Ratio Lower Upper

154 100

153 40.8 20.2 60.2

76 12.1 0.0 32.1





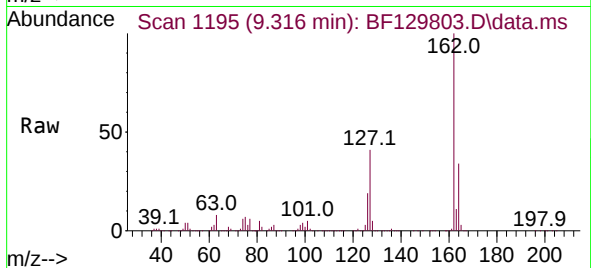
#47
2-Chloronaphthalene
Concen: 39.821 ng
RT: 9.316 min Scan# 1195
Delta R.T. -0.000 min
Lab File: BF129803.D
Acq: 16 Aug 2022 10:26

Instrument :

BNA_F

ClientSampleId :

PB146771BS

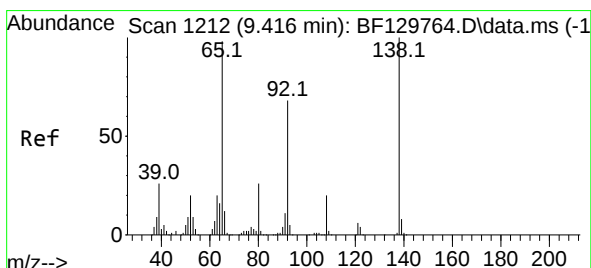
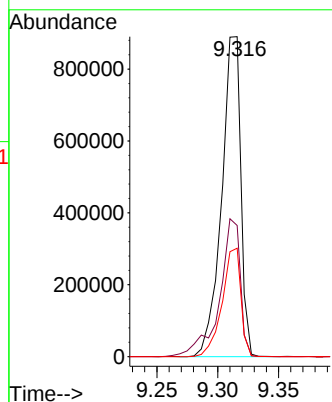
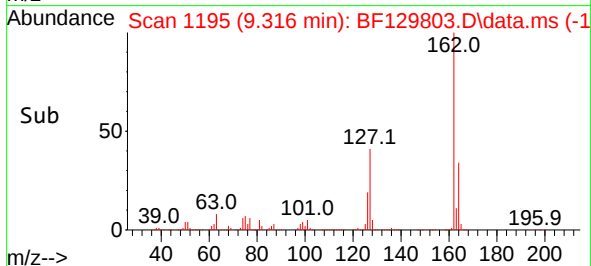


Tgt Ion:162 Resp: 977584
Ion Ratio Lower Upper
162 100
127 41.0 33.1 49.7
164 33.9 26.7 40.1

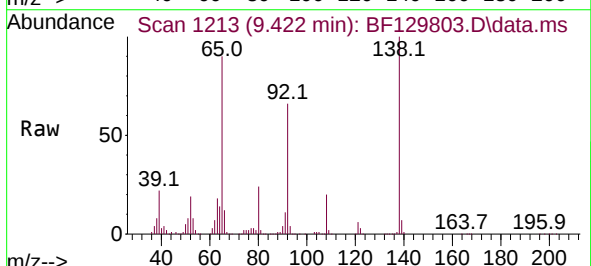
Manual Integrations

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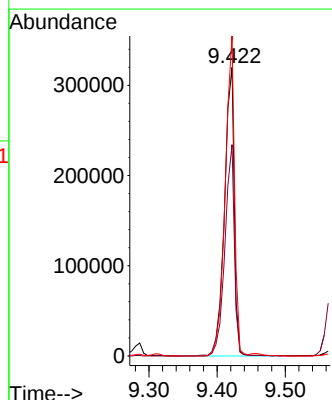
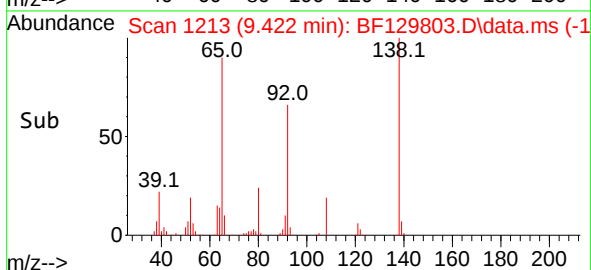
Reviewed By :Christian Giraldo 08/17/2022
Supervised By :Jagrut Upadhyay 08/17/2022

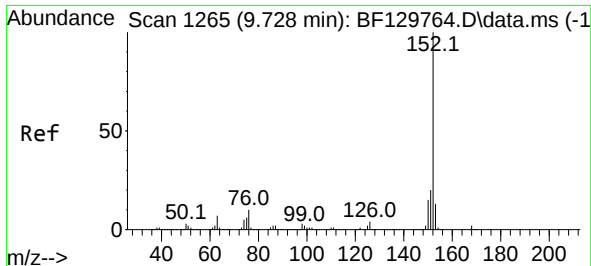


#48
2-Nitroaniline
Concen: 40.540 ng
RT: 9.422 min Scan# 1213
Delta R.T. 0.006 min
Lab File: BF129803.D
Acq: 16 Aug 2022 10:26



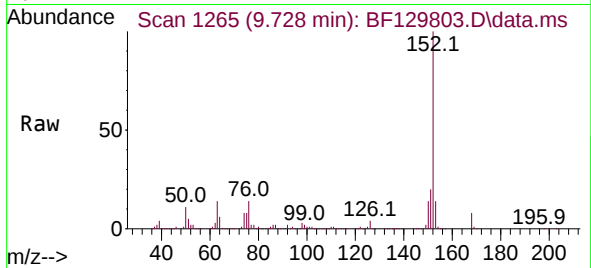
Tgt Ion: 65 Resp: 314515
Ion Ratio Lower Upper
65 100
92 73.2 55.0 82.4
138 110.9 81.3 121.9





#49
Acenaphthylene
Concen: 39.151 ng
RT: 9.728 min Scan# 1265
Delta R.T. 0.000 min
Lab File: BF129803.D
Acq: 16 Aug 2022 10:26

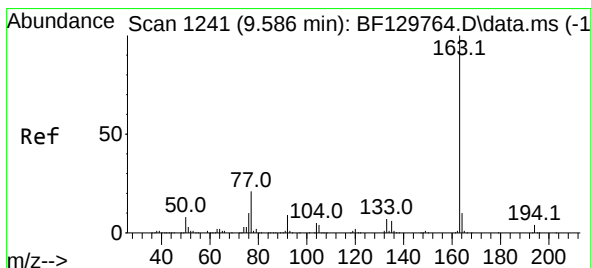
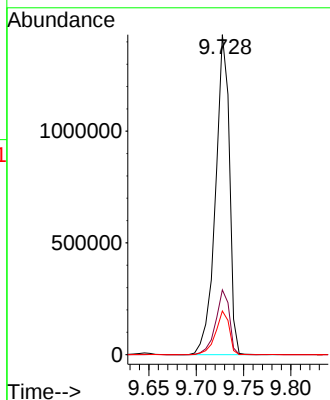
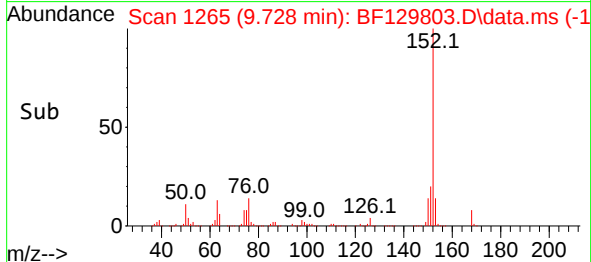
Instrument :
BNA_F
ClientSampleId :
PB146771BS



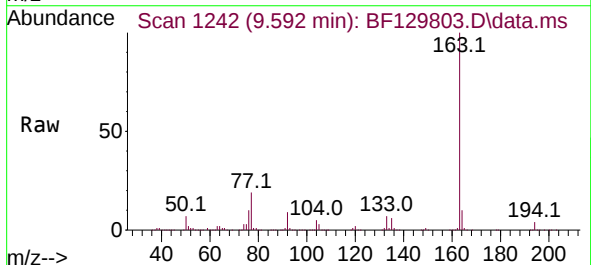
Tgt Ion:152 Resp: 1457501
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1
153 13.6 10.6 16.0

Manual Integrations
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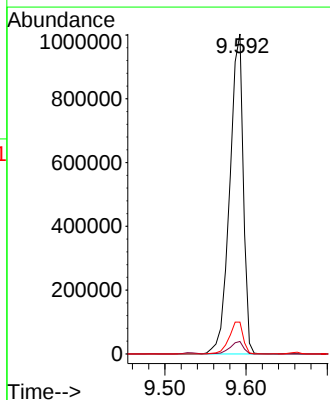
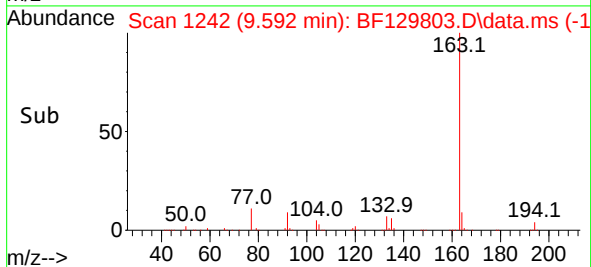
Reviewed By :Christian Giraldo 08/17/2022
Supervised By :Jagrut Upadhyay 08/17/2022

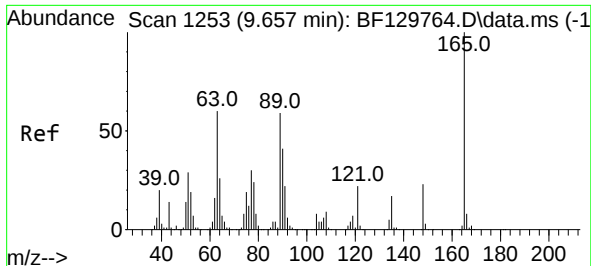


#50
Dimethylphthalate
Concen: 39.682 ng
RT: 9.592 min Scan# 1242
Delta R.T. 0.006 min
Lab File: BF129803.D
Acq: 16 Aug 2022 10:26



Tgt Ion:163 Resp: 1161819
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 9.9 8.2 12.2





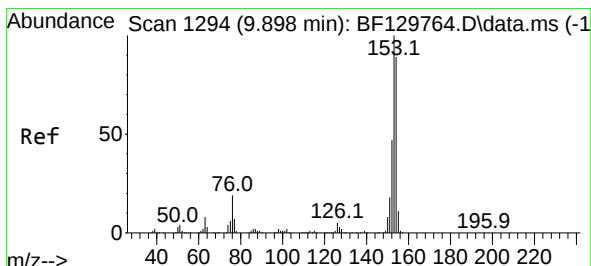
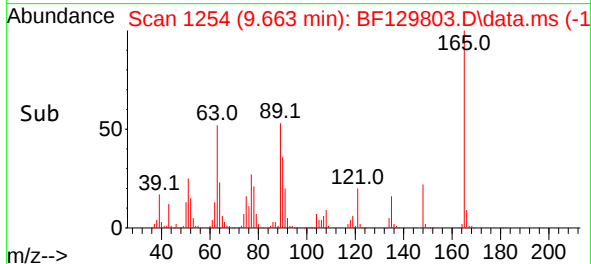
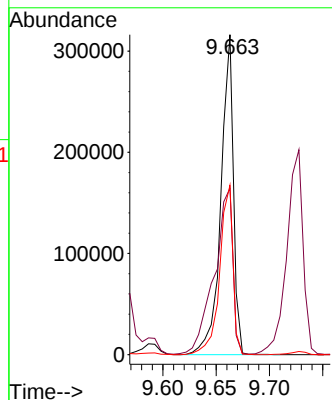
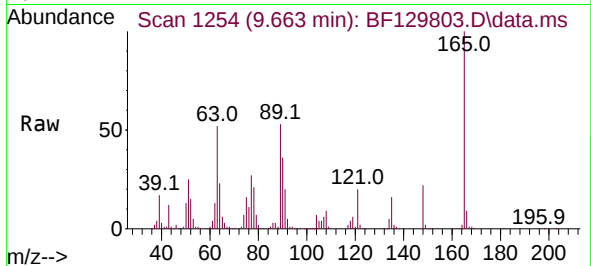
#51
2,6-Dinitrotoluene
Concen: 40.881 ng
RT: 9.663 min Scan# 1253
Delta R.T. 0.006 min
Lab File: BF129803.D
Acq: 16 Aug 2022 10:26

Instrument :
BNA_F
ClientSampleId :
PB146771BS

Tgt Ion:165 Resp: 259640
Ion Ratio Lower Upper
165 100
63 52.0 47.8 71.8
89 52.9 47.2 70.8

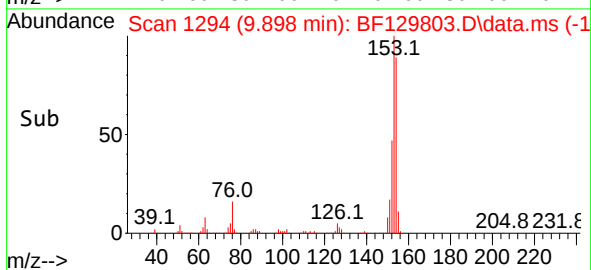
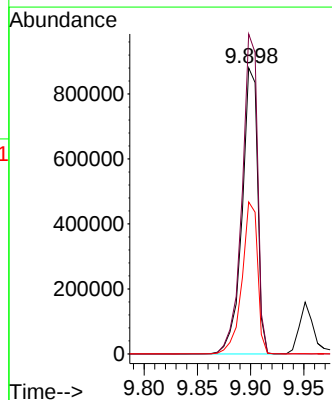
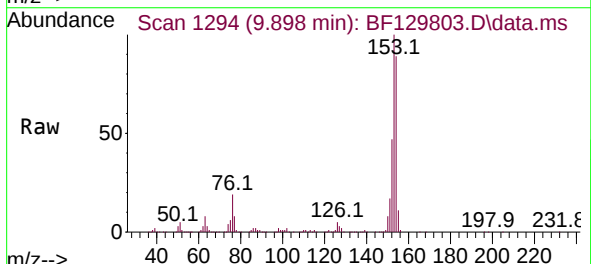
Manual Integrations
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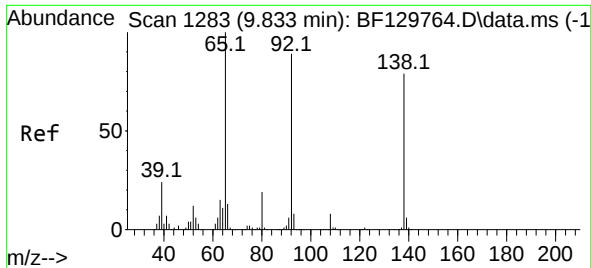
Reviewed By :Christian Giraldo 08/17/2022
Supervised By :Jagrut Upadhyay 08/17/2022



#52
Acenaphthene
Concen: 39.418 ng
RT: 9.898 min Scan# 1294
Delta R.T. 0.000 min
Lab File: BF129803.D
Acq: 16 Aug 2022 10:26

Tgt Ion:154 Resp: 890292
Ion Ratio Lower Upper
154 100
153 111.9 89.8 134.6
152 53.1 42.1 63.1





#53
3-Nitroaniline
Concen: 32.921 ng
RT: 9.834 min Scan# 1283
Delta R.T. 0.001 min
Lab File: BF129803.D
Acq: 16 Aug 2022 10:26

Instrument :

BNA_F

ClientSampleId :

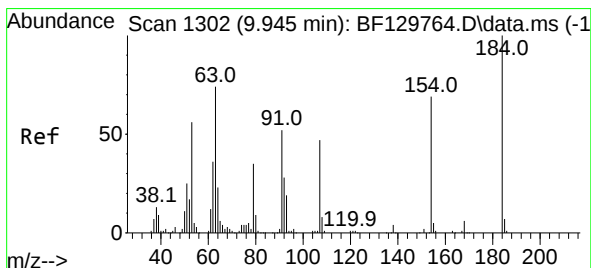
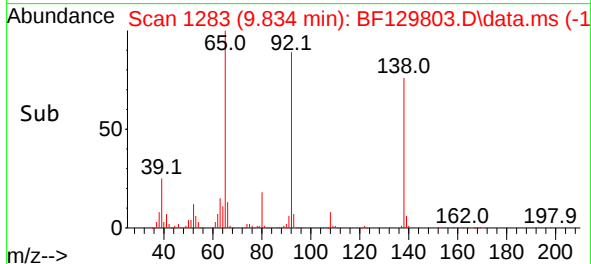
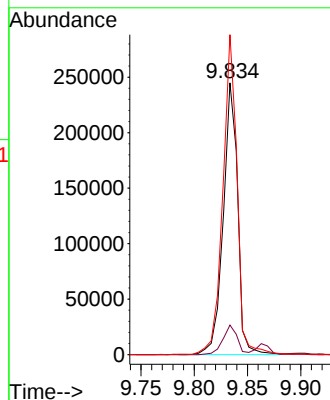
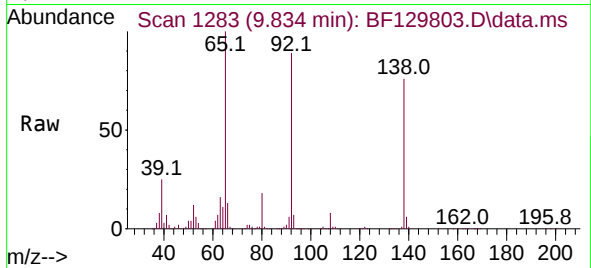
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Tgt Ion:138 Resp: 231226
Ion Ratio Lower Upper
138 100
108 10.9 8.4 12.6
92 117.7 89.8 134.8

Manual Integrations

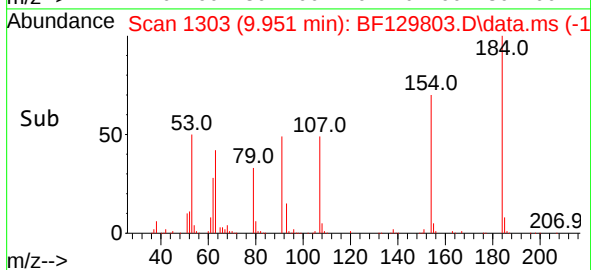
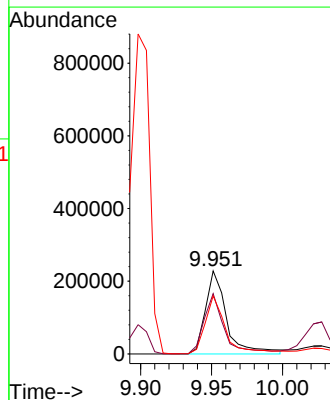
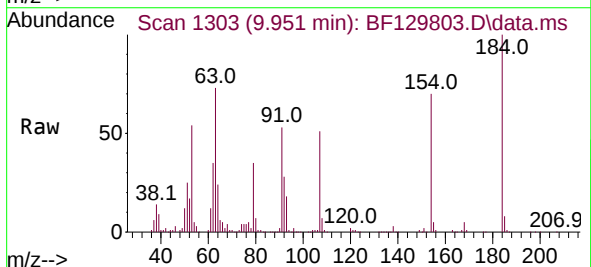
APPROVED

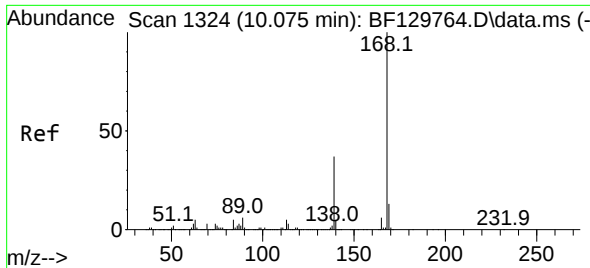
Reviewed By :Christian Giraldo 08/17/2022
Supervised By :Jagrut Upadhyay 08/17/2022



#54
2,4-Dinitrophenol
Concen: 82.119 ng
RT: 9.951 min Scan# 1303
Delta R.T. 0.006 min
Lab File: BF129803.D
Acq: 16 Aug 2022 10:26

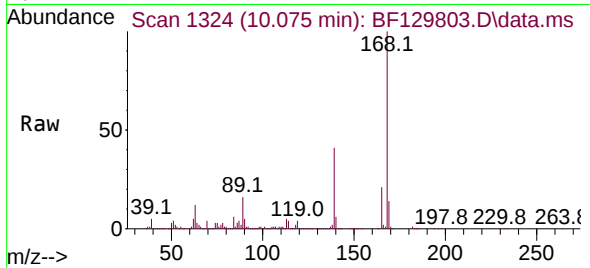
Tgt Ion:184 Resp: 236248
Ion Ratio Lower Upper
184 100
63 72.7 59.6 89.4
154 69.9 55.3 82.9





#55
Dibenzofuran
Concen: 39.199 ng
RT: 10.075 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF129803.D
Acq: 16 Aug 2022 10:26

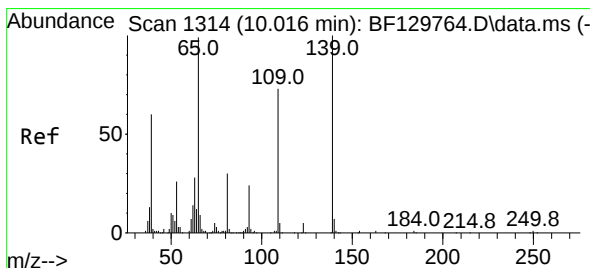
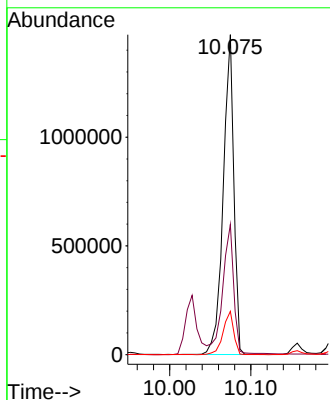
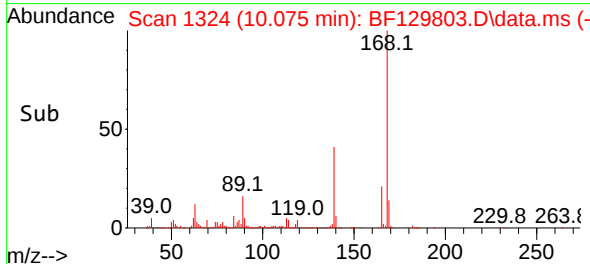
Instrument :
BNA_F
ClientSampleId :
PB146771BS



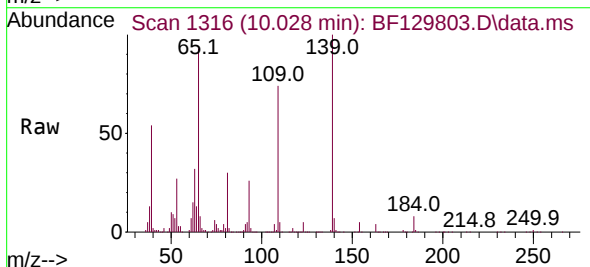
Tgt Ion:168 Resp: 1330102
Ion Ratio Lower Upper
168 100
139 40.7 31.3 46.9
169 13.5 10.7 16.1

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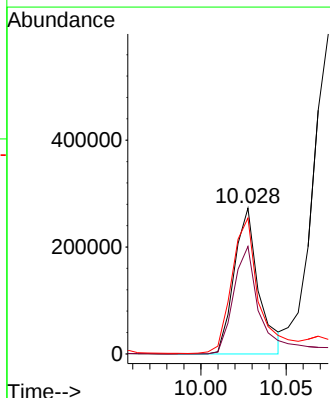
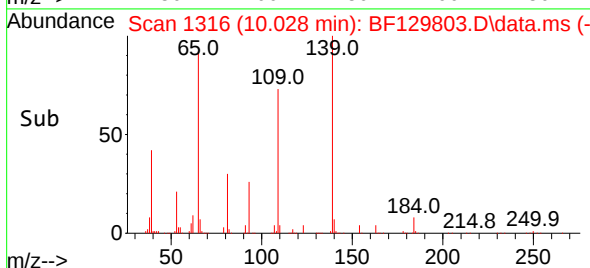
Reviewed By :Christian Giraldo 08/17/2022
Supervised By :Jagrut Upadhyay 08/17/2022

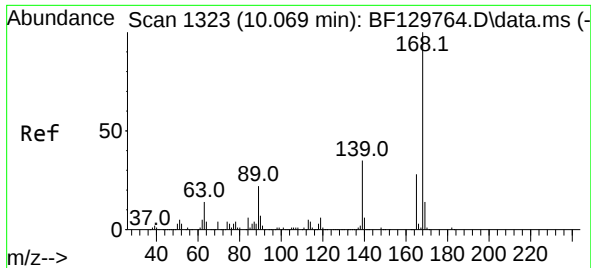


#56
4-Nitrophenol
Concen: 87.024 ng
RT: 10.028 min Scan# 1316
Delta R.T. 0.012 min
Lab File: BF129803.D
Acq: 16 Aug 2022 10:26



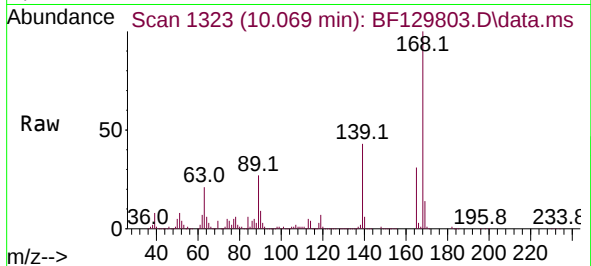
Tgt Ion:139 Resp: 271920
Ion Ratio Lower Upper
139 100
109 73.7 52.9 92.9
65 93.2 79.5 119.5





#57
2,4-Dinitrotoluene
Concen: 39.943 ng
RT: 10.069 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BF129803.D
Acq: 16 Aug 2022 10:26

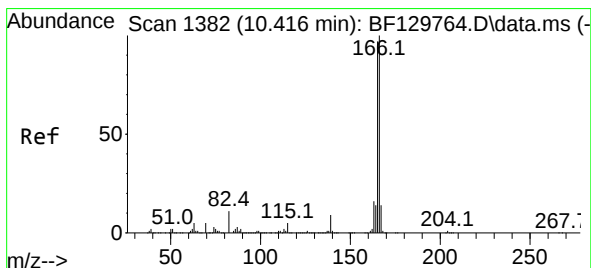
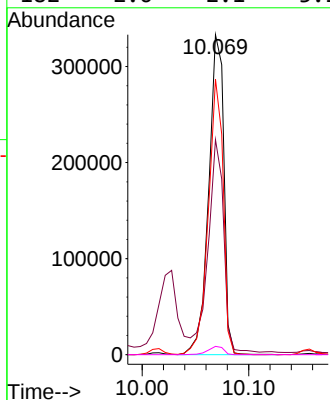
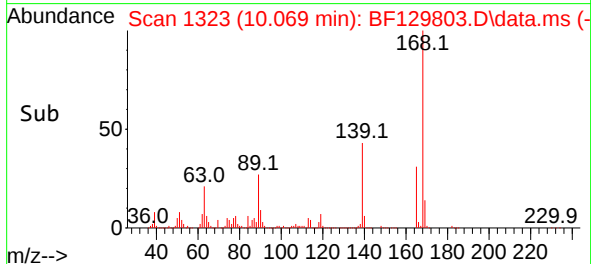
Instrument :
BNA_F
ClientSampleId :
PB146771BS



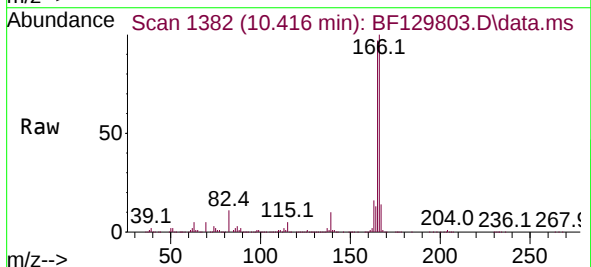
Tgt Ion:165 Resp: 329314
Ion Ratio Lower Upper
165 100
63 67.2 48.4 72.6
89 86.1 62.3 93.5
182 2.6 2.1 3.1

Manual Integrations
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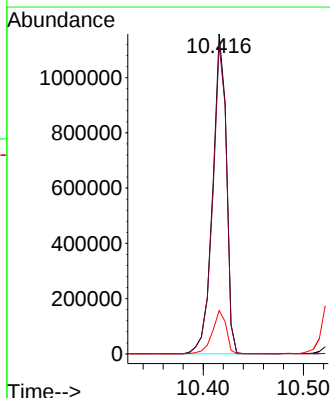
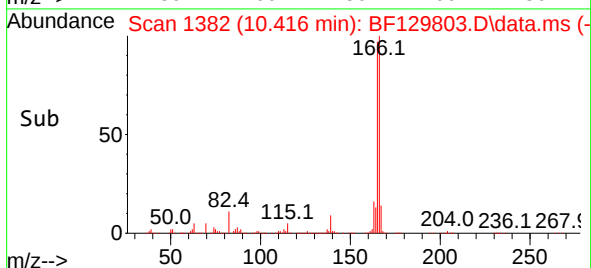
Reviewed By :Christian Giraldo 08/17/2022
Supervised By :Jagrut Upadhyay 08/17/2022

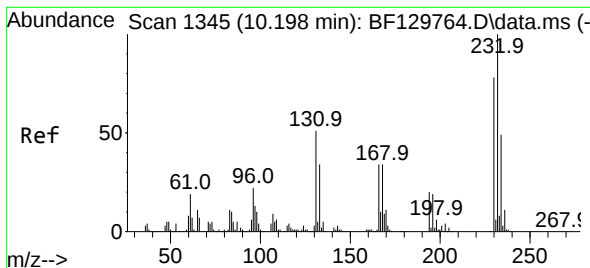


#58
Fluorene
Concen: 38.571 ng
RT: 10.416 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF129803.D
Acq: 16 Aug 2022 10:26



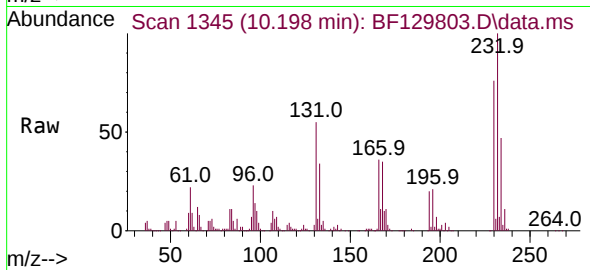
Tgt Ion:166 Resp: 1092795
Ion Ratio Lower Upper
166 100
165 96.7 77.9 116.9
167 13.5 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.195 ng
RT: 10.198 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BF129803.D
Acq: 16 Aug 2022 10:26

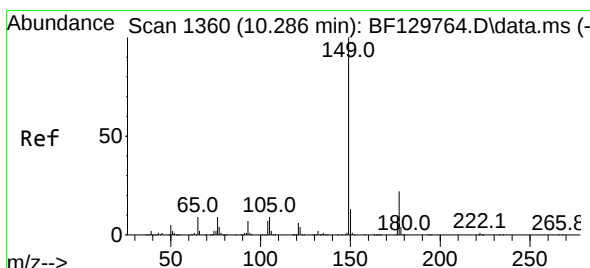
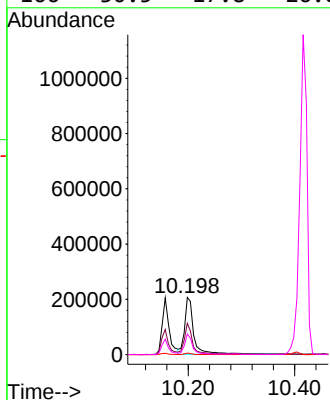
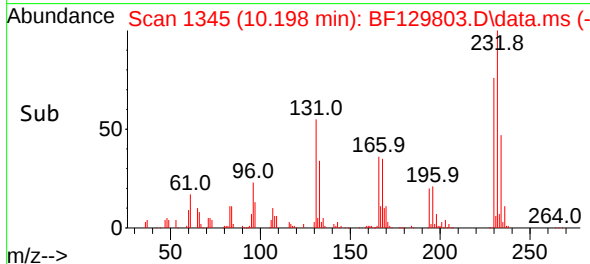
Instrument :
BNA_F
ClientSampleId :
PB146771BS



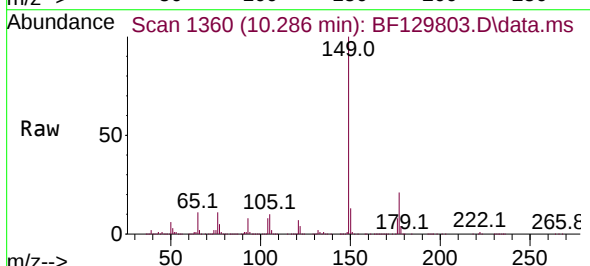
Tgt Ion:232 Resp: 245878
Ion Ratio Lower Upper
232 100
131 49.2 29.9 44.9
130 2.1 1.5 2.3
166 30.5 17.8 26.8#

Manual Integrations
APPROVED

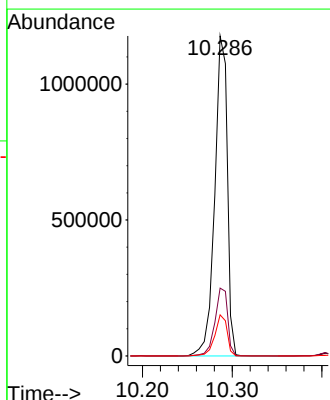
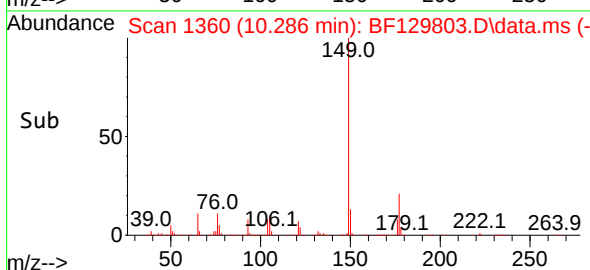
Reviewed By :Christian Giraldo 08/17/2022
Supervised By :Jagrut Upadhyay 08/17/2022

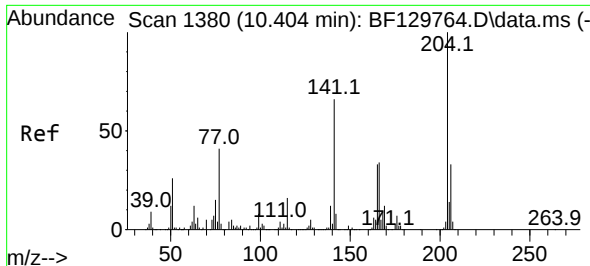


#60
Diethylphthalate
Concen: 39.488 ng
RT: 10.286 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BF129803.D
Acq: 16 Aug 2022 10:26



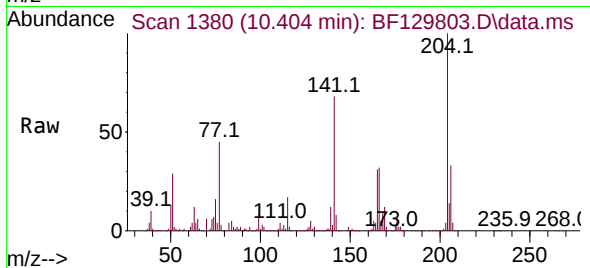
Tgt Ion:149 Resp: 1152779
Ion Ratio Lower Upper
149 100
177 21.2 17.7 26.5
150 12.8 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 40.114 ng
RT: 10.404 min Scan# 1380
Delta R.T. 0.000 min
Lab File: BF129803.D
Acq: 16 Aug 2022 10:26

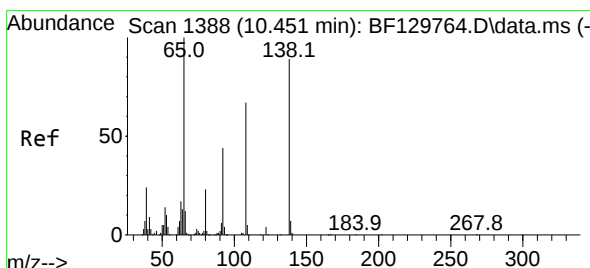
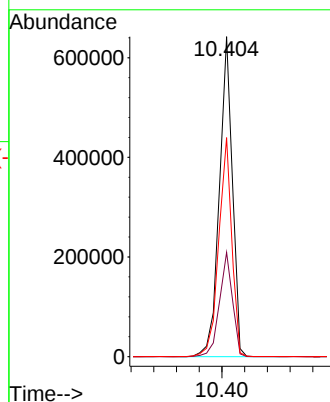
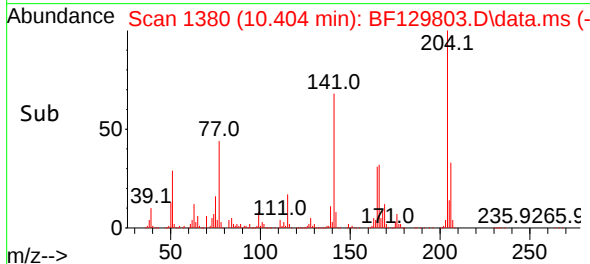
Instrument :
BNA_F
ClientSampleId :
PB146771BS



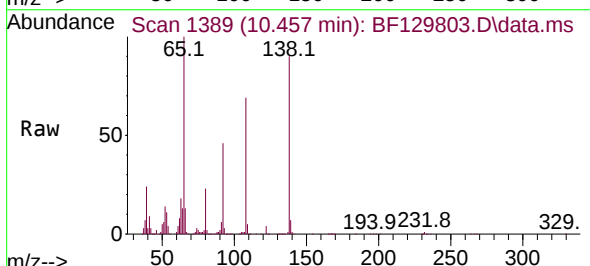
Tgt Ion:204 Resp: 510021
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 68.4 52.6 79.0

Manual Integrations
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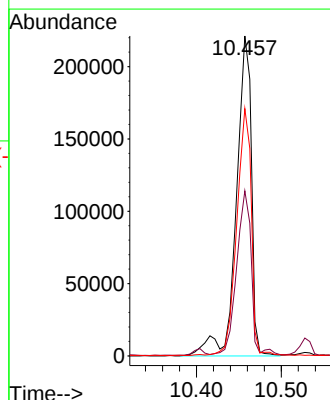
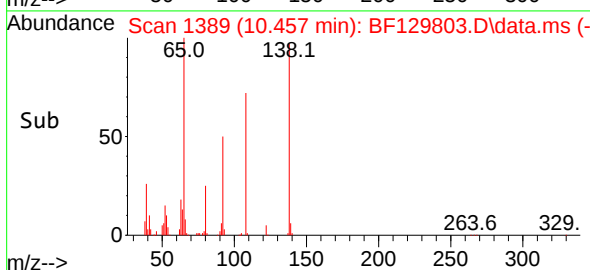
Reviewed By :Christian Giraldo 08/17/2022
Supervised By :Jagrut Upadhyay 08/17/2022

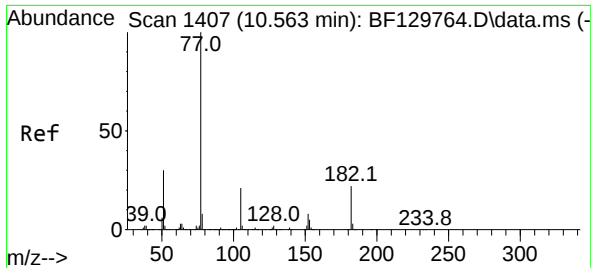


#62
4-Nitroaniline
Concen: 38.592 ng m
RT: 10.457 min Scan# 1389
Delta R.T. 0.006 min
Lab File: BF129803.D
Acq: 16 Aug 2022 10:26



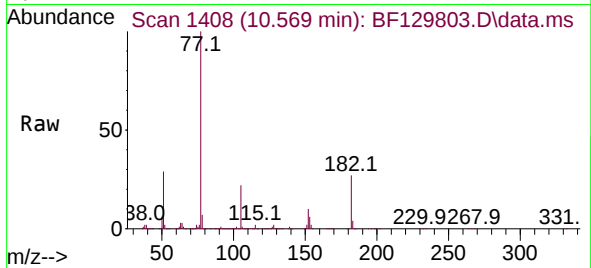
Tgt Ion:138 Resp: 273447
Ion Ratio Lower Upper
138 100
92 51.6 30.3 70.3
108 77.3 55.7 95.7





#63
Azobenzene
Concen: 39.531 ng
RT: 10.569 min Scan# 1407
Delta R.T. 0.006 min
Lab File: BF129803.D
Acq: 16 Aug 2022 10:26

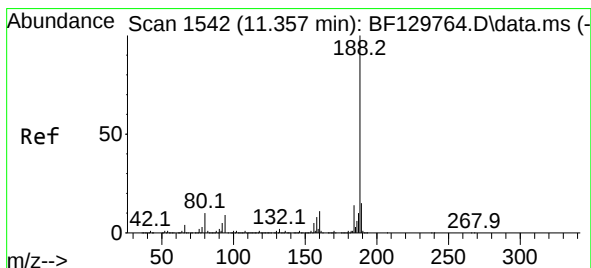
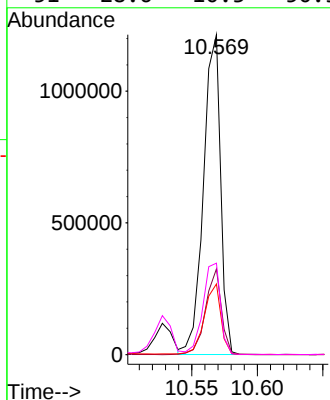
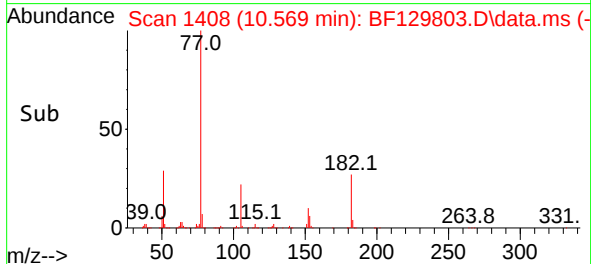
Instrument :
BNA_F
ClientSampleId :
PB146771BS



Tgt Ion: 77 Resp: 1103085
Ion Ratio Lower Upper
77 100
182 26.8 2.2 42.2
105 22.1 0.8 40.8
51 28.6 10.3 50.3

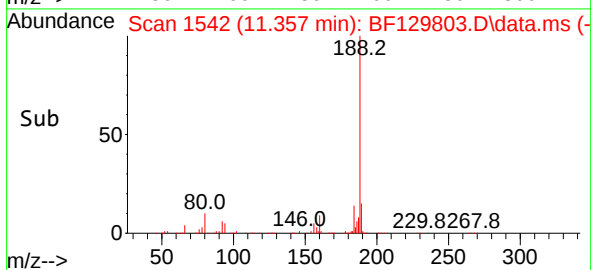
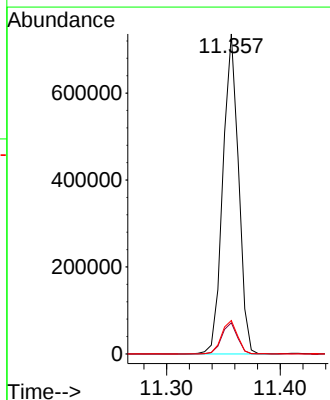
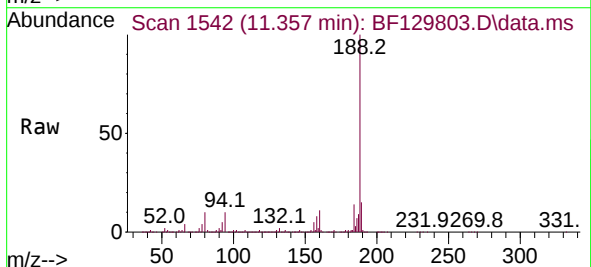
Manual Integrations
APPROVED

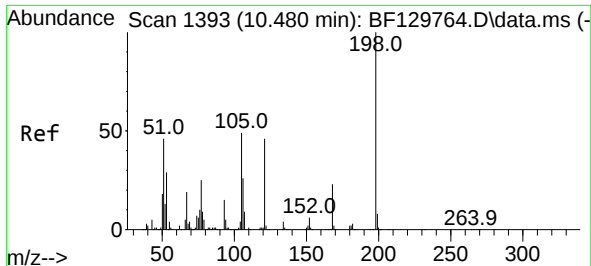
Reviewed By :Christian Giraldo 08/17/2022
Supervised By :Jagrut Upadhyay 08/17/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1542
Delta R.T. -0.000 min
Lab File: BF129803.D
Acq: 16 Aug 2022 10:26

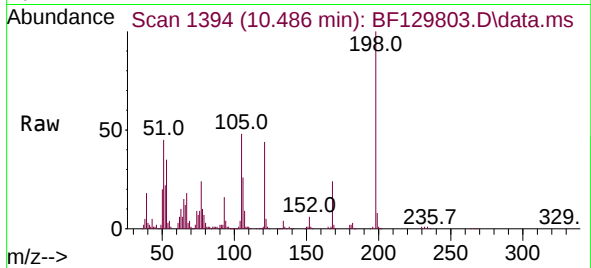
Tgt Ion:188 Resp: 700981
Ion Ratio Lower Upper
188 100
94 9.7 7.4 11.2
80 10.4 7.9 11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 40.379 ng
RT: 10.486 min Scan# 1393
Delta R.T. 0.006 min
Lab File: BF129803.D
Acq: 16 Aug 2022 10:26

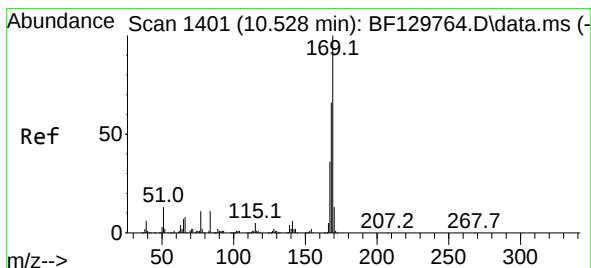
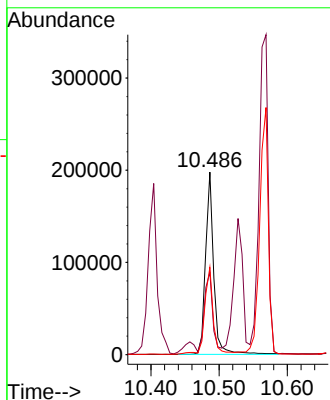
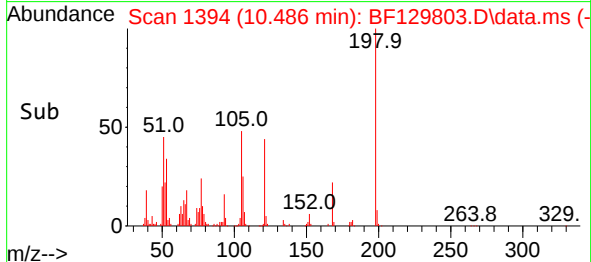
Instrument :
BNA_F
ClientSampleId :
PB146771BS



Tgt Ion:198 Resp: 166166
Ion Ratio Lower Upper
198 100
51 45.2 29.4 69.4
105 47.8 29.2 69.2

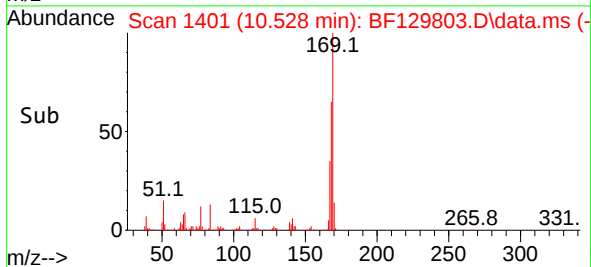
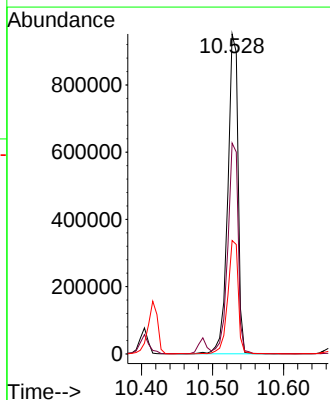
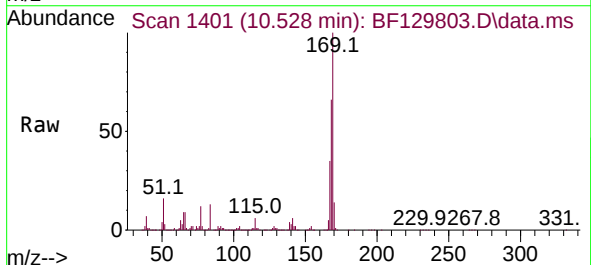
Manual Integrations
APPROVED

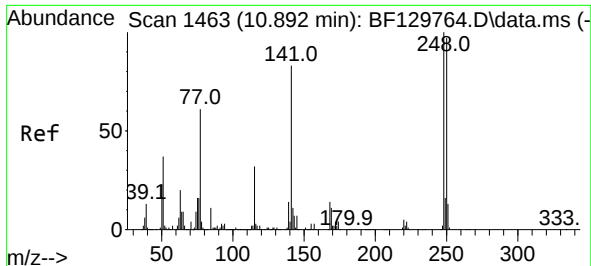
Reviewed By :Christian Giraldo 08/17/2022
Supervised By :Jagrut Upadhyay 08/17/2022



#66
n-Nitrosodiphenylamine
Concen: 40.469 ng
RT: 10.528 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF129803.D
Acq: 16 Aug 2022 10:26

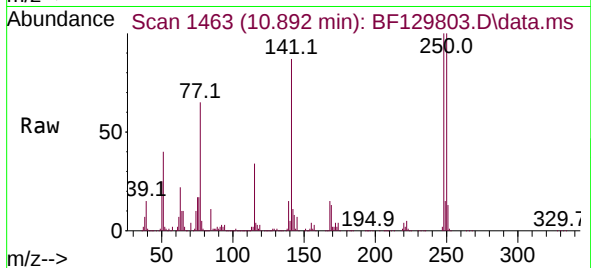
Tgt Ion:169 Resp: 957480
Ion Ratio Lower Upper
169 100
168 65.9 53.4 80.2
167 35.4 29.1 43.7





#67
4-Bromophenyl-phenylether
Concen: 40.682 ng
RT: 10.892 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF129803.D
Acq: 16 Aug 2022 10:26

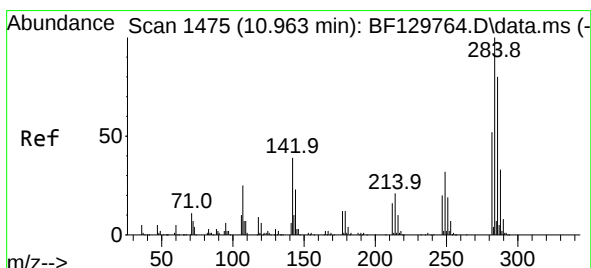
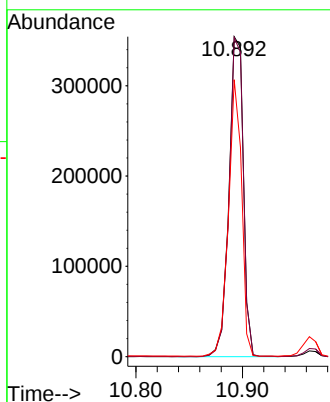
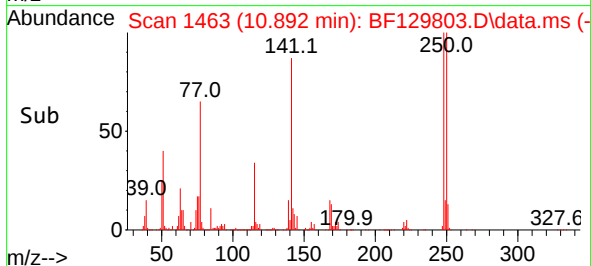
Instrument :
BNA_F
ClientSampleId :
PB146771BS



Tgt Ion:248 Resp: 334011
Ion Ratio Lower Upper
248 100
250 99.7 77.8 116.6
141 86.5 66.2 99.2

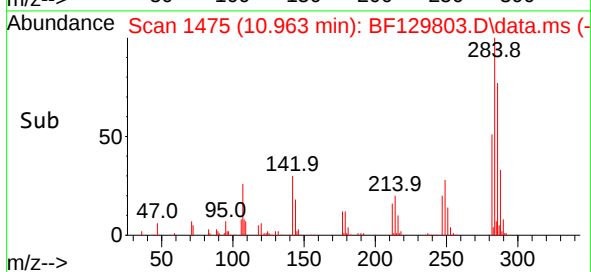
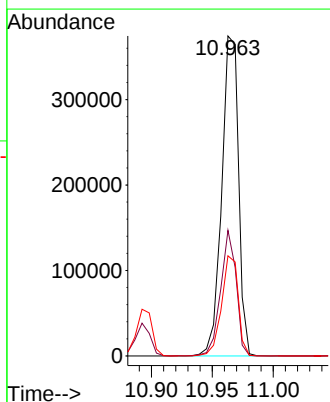
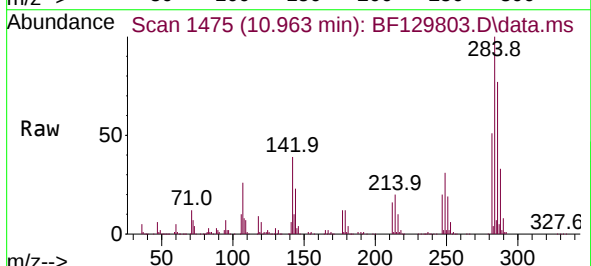
Manual Integrations
APPROVED

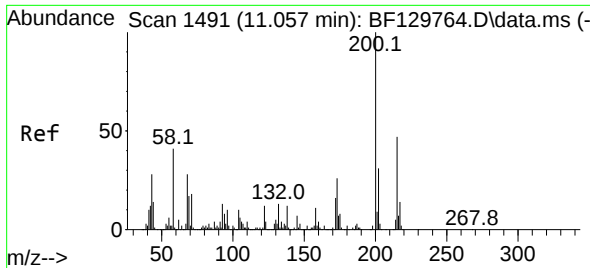
Reviewed By :Christian Giraldo 08/17/2022
Supervised By :Jagrut Upadhyay 08/17/2022



#68
Hexachlorobenzene
Concen: 40.533 ng
RT: 10.963 min Scan# 1475
Delta R.T. 0.000 min
Lab File: BF129803.D
Acq: 16 Aug 2022 10:26

Tgt Ion:284 Resp: 360485
Ion Ratio Lower Upper
284 100
142 39.3 31.4 47.0
249 31.3 25.7 38.5





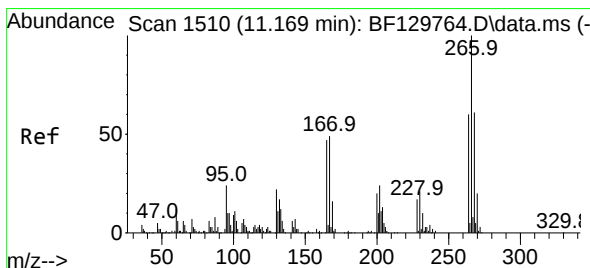
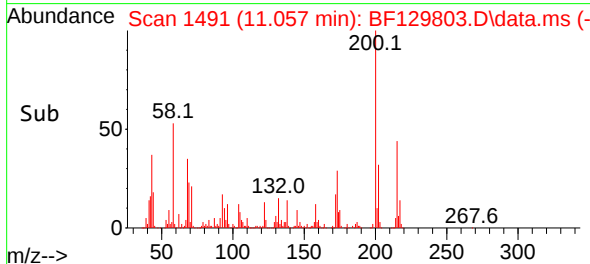
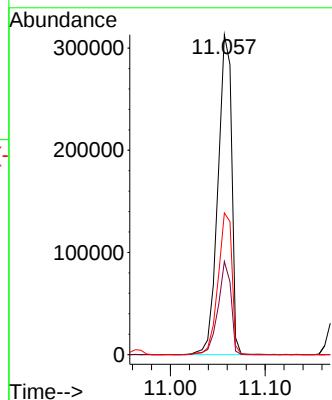
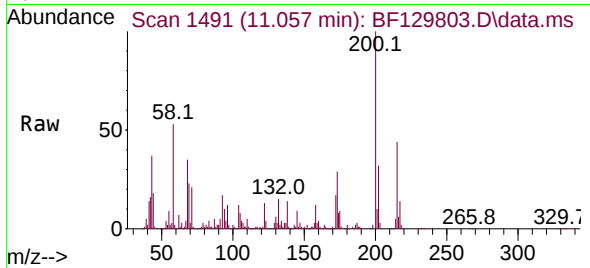
#69
Atrazine
Concen: 43.304 ng
RT: 11.057 min Scan# 1491
Delta R.T. 0.000 min
Lab File: BF129803.D
Acq: 16 Aug 2022 10:26

Instrument :
BNA_F
ClientSampleId :
PB146771BS

Tgt Ion:200 Resp: 314459
Ion Ratio Lower Upper
200 100
173 29.1 6.4 46.4
215 44.3 27.1 67.1

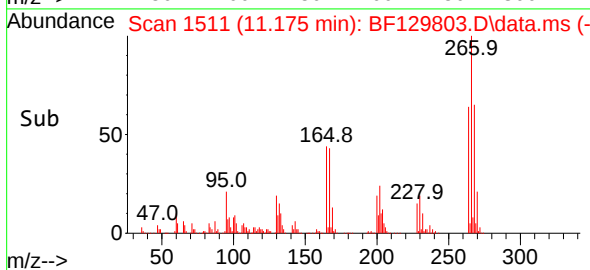
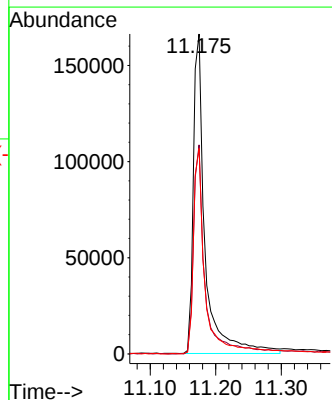
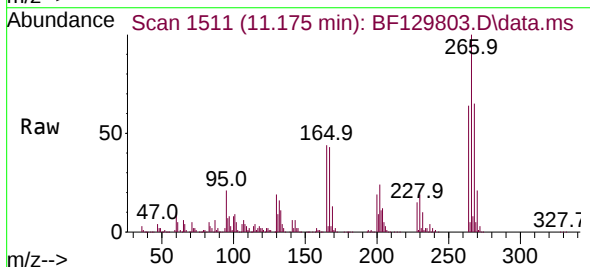
Manual Integrations
APPROVED

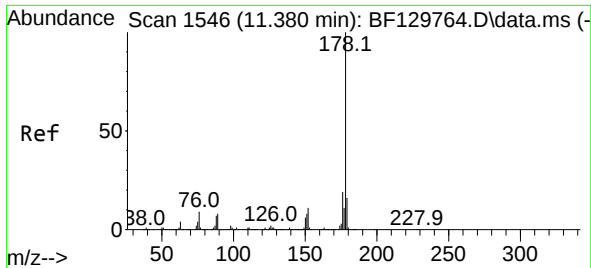
Reviewed By :Christian Giraldo 08/17/2022
Supervised By :Jagrut Upadhyay 08/17/2022



#70
Pentachlorophenol
Concen: 78.217 ng
RT: 11.175 min Scan# 1511
Delta R.T. 0.006 min
Lab File: BF129803.D
Acq: 16 Aug 2022 10:26

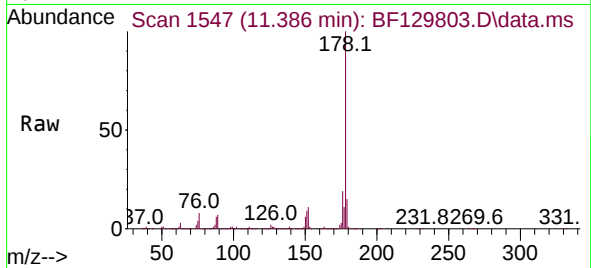
Tgt Ion:266 Resp: 208190
Ion Ratio Lower Upper
266 100
268 65.3 49.0 73.4
264 64.2 47.9 71.9





#71
Phenanthrene
Concen: 39.029 ng
RT: 11.386 min Scan# 1546
Delta R.T. 0.006 min
Lab File: BF129803.D
Acq: 16 Aug 2022 10:26

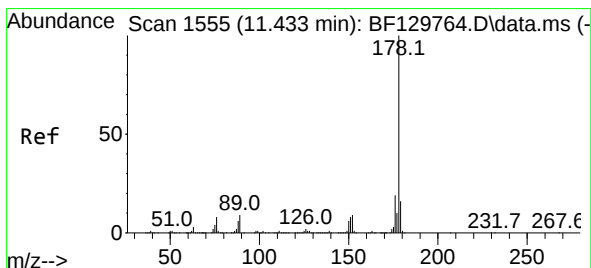
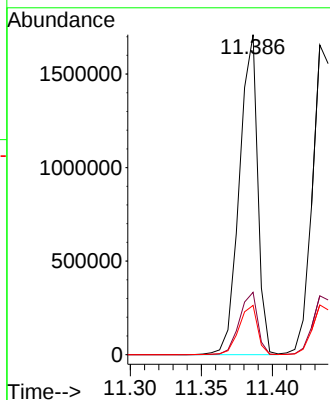
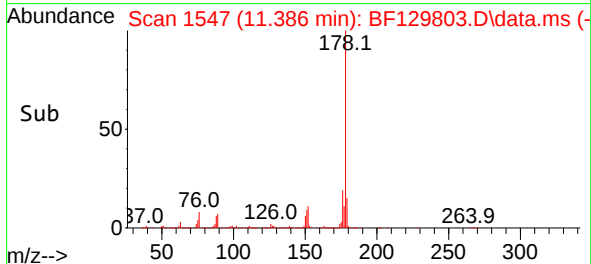
Instrument :
BNA_F
ClientSampleId :
PB146771BS



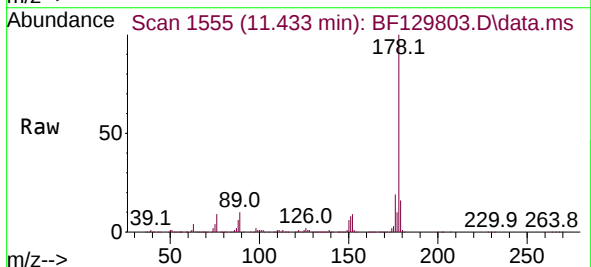
Tgt Ion:178 Resp: 1527972
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 15.4 12.5 18.7

Manual Integrations
APPROVED

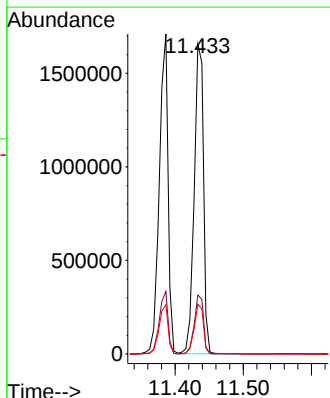
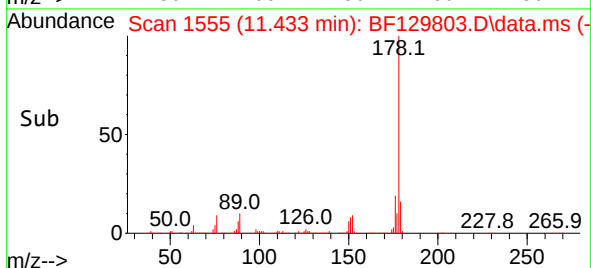
Reviewed By :Christian Giraldo 08/17/2022
Supervised By :Jagrut Upadhyay 08/17/2022

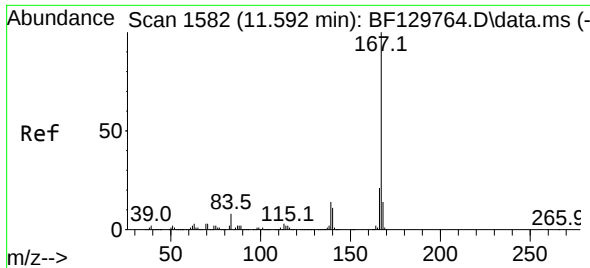


#72
Anthracene
Concen: 40.427 ng
RT: 11.433 min Scan# 1555
Delta R.T. 0.000 min
Lab File: BF129803.D
Acq: 16 Aug 2022 10:26



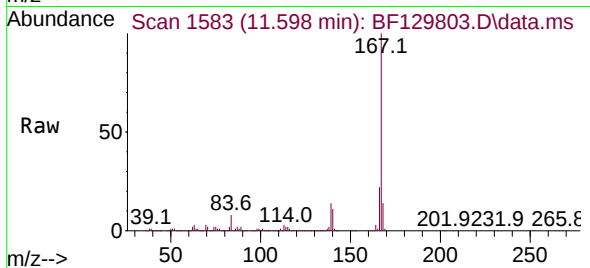
Tgt Ion:178 Resp: 1573902
Ion Ratio Lower Upper
178 100
176 19.0 15.1 22.7
179 16.1 12.6 18.8





#73
 Carbazole
 Concen: 40.107 ng
 RT: 11.598 min Scan# 1582
 Delta R.T. 0.006 min
 Lab File: BF129803.D
 Acq: 16 Aug 2022 10:26

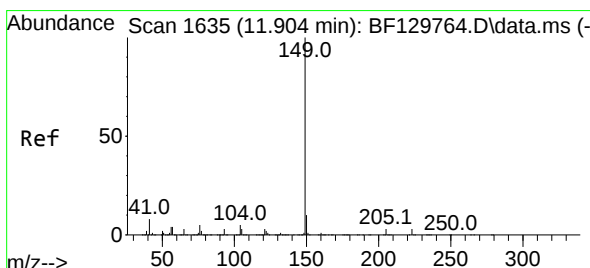
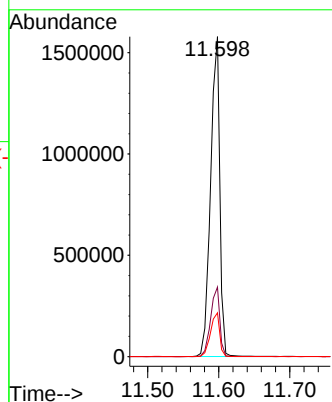
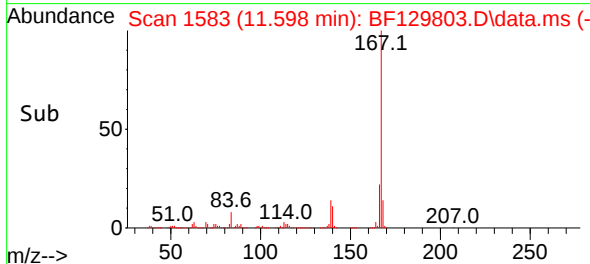
Instrument :
 BNA_F
 ClientSampleId :
 PB146771BS



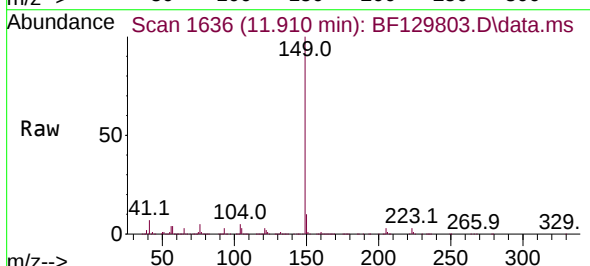
Tgt Ion:167 Resp: 1417433
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.1 25.7
 139 13.7 11.0 16.6

Manual Integrations
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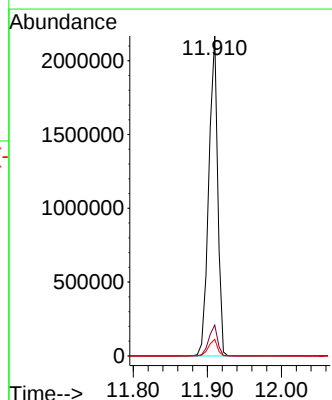
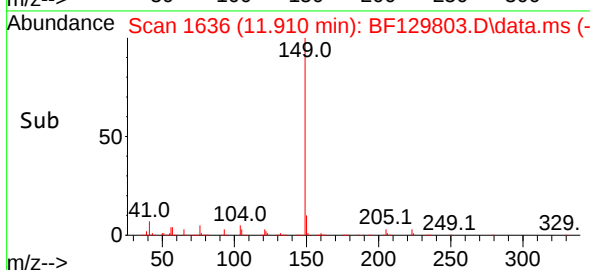
Reviewed By :Christian Giraldo 08/17/2022
 Supervised By :Jagrut Upadhyay 08/17/2022

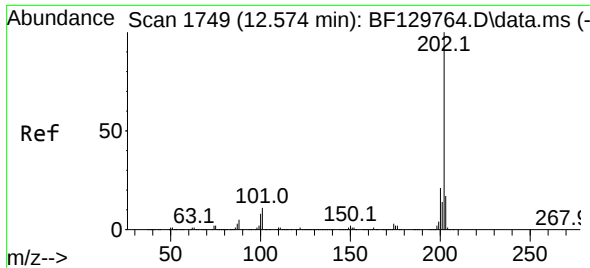


#74
 Di-n-butylphthalate
 Concen: 39.632 ng
 RT: 11.910 min Scan# 1636
 Delta R.T. 0.006 min
 Lab File: BF129803.D
 Acq: 16 Aug 2022 10:26



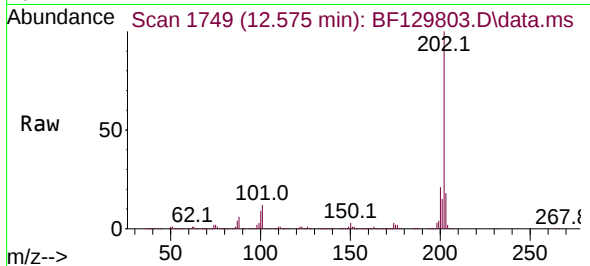
Tgt Ion:149 Resp: 1802650
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.8 11.6
 104 5.2 4.2 6.4





#75
Fluoranthene
Concen: 38.630 ng
RT: 12.575 min Scan# 1749
Delta R.T. 0.000 min
Lab File: BF129803.D
Acq: 16 Aug 2022 10:26

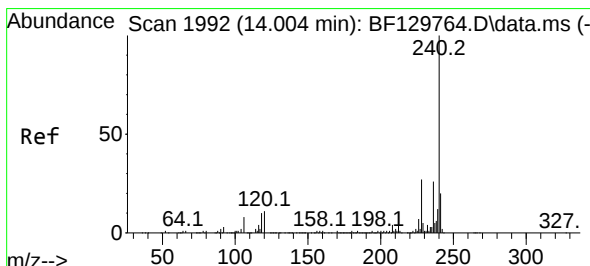
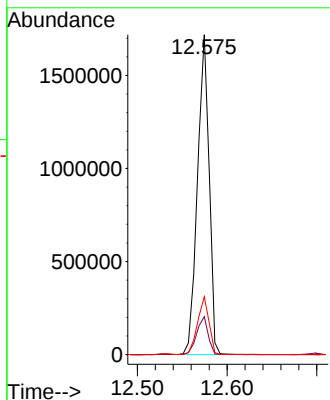
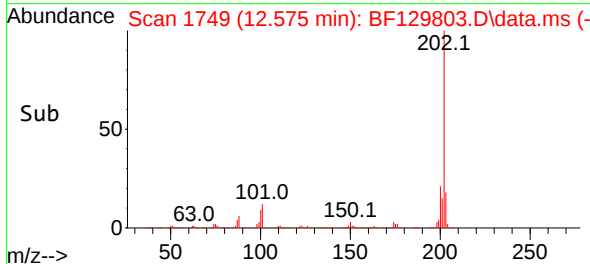
Instrument :
BNA_F
ClientSampleId :
PB146771BS



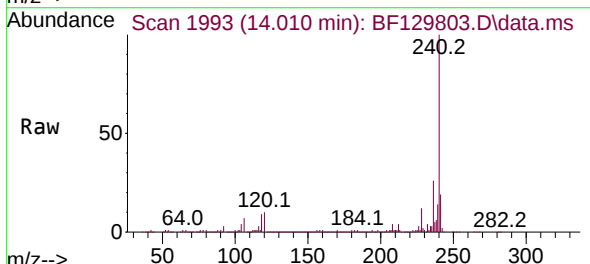
Tgt Ion:202 Resp: 1547584
Ion Ratio Lower Upper
202 100
101 11.9 0.0 30.7
203 18.1 0.0 37.5

Manual Integrations
APPROVED

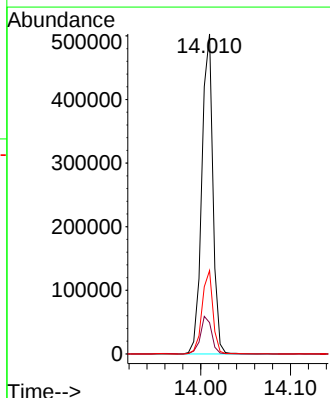
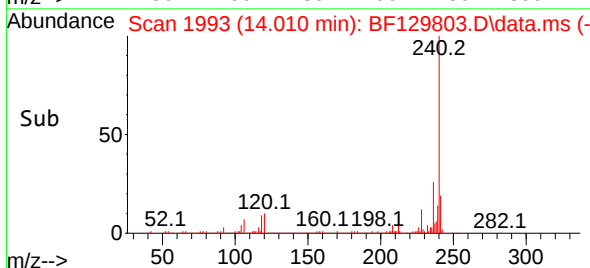
Reviewed By :Christian Giraldo 08/17/2022
Supervised By :Jagrut Upadhyay 08/17/2022

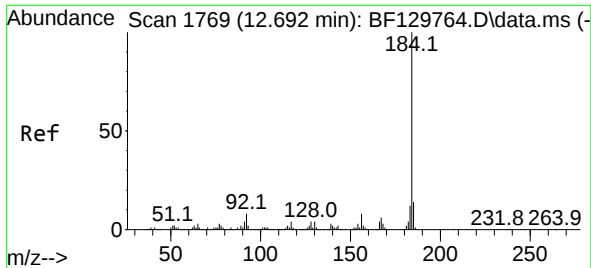


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 1993
Delta R.T. 0.006 min
Lab File: BF129803.D
Acq: 16 Aug 2022 10:26



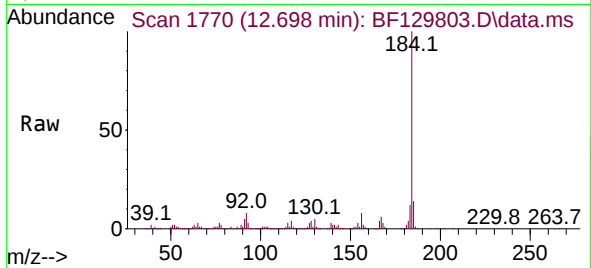
Tgt Ion:240 Resp: 430394
Ion Ratio Lower Upper
240 100
120 9.8 9.2 13.8
236 26.0 20.7 31.1





#77
Benzidine
Concen: 88.482 ng
RT: 12.698 min Scan# 1769
Delta R.T. 0.006 min
Lab File: BF129803.D
Acq: 16 Aug 2022 10:26

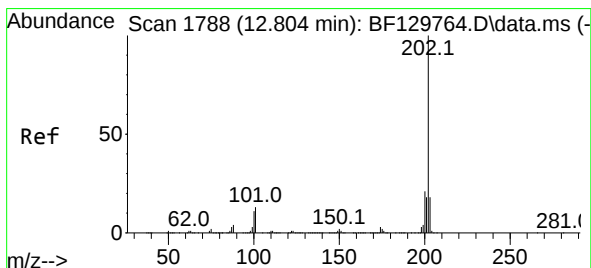
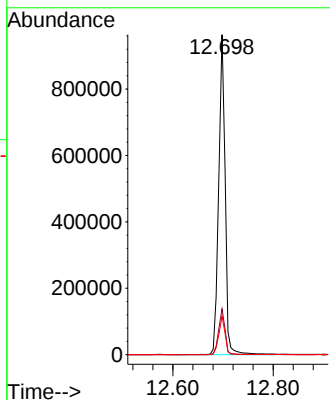
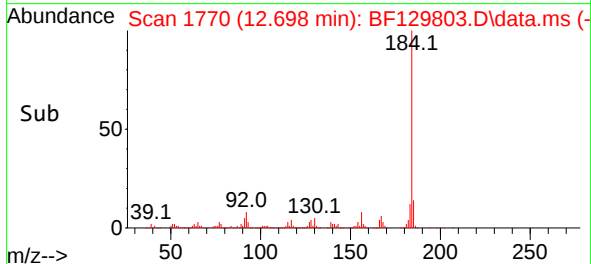
Instrument :
BNA_F
ClientSampleId :
PB146771BS



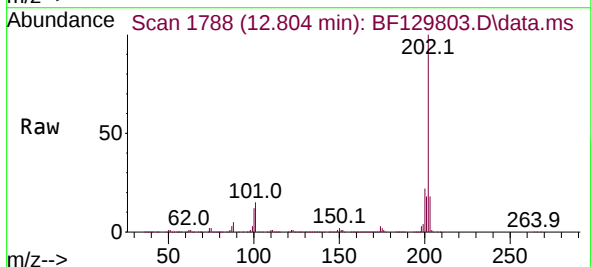
Tgt Ion:184 Resp: 860572
Ion Ratio Lower Upper
184 100
185 14.3 11.4 17.2
183 12.0 9.4 14.2

Manual Integrations
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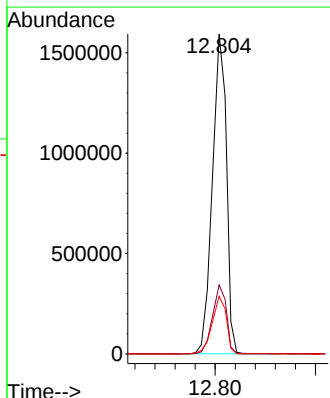
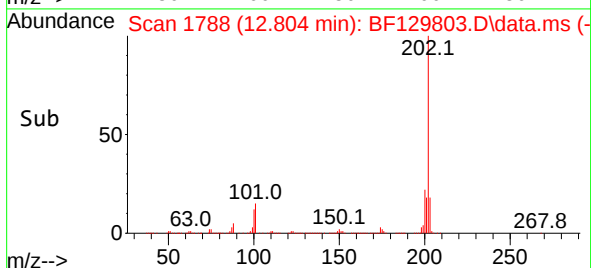
Reviewed By :Christian Giraldo 08/17/2022
Supervised By :Jagrut Upadhyay 08/17/2022

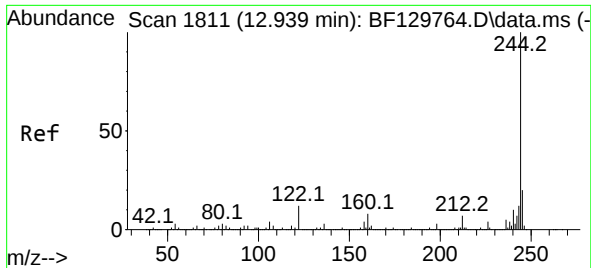


#78
Pyrene
Concen: 41.413 ng
RT: 12.804 min Scan# 1788
Delta R.T. 0.000 min
Lab File: BF129803.D
Acq: 16 Aug 2022 10:26



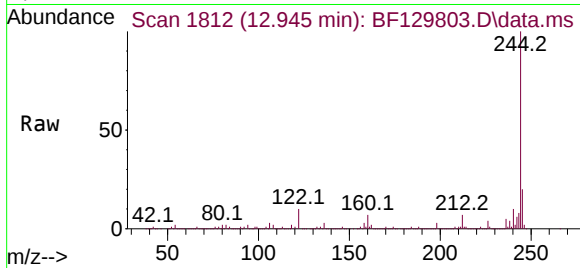
Tgt Ion:202 Resp: 1548895
Ion Ratio Lower Upper
202 100
200 21.6 17.0 25.6
203 18.0 14.1 21.1





#79
Terphenyl-d14
Concen: 83.685 ng
RT: 12.945 min Scan# 1811
Delta R.T. 0.006 min
Lab File: BF129803.D
Acq: 16 Aug 2022 10:26

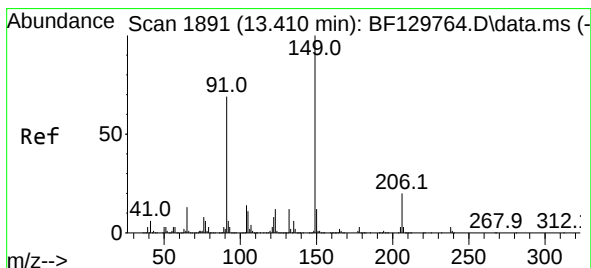
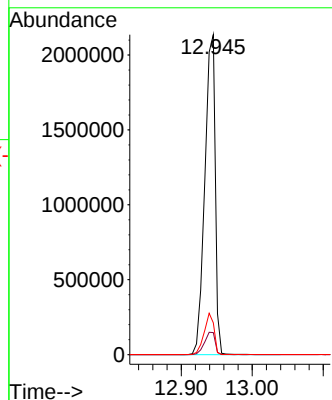
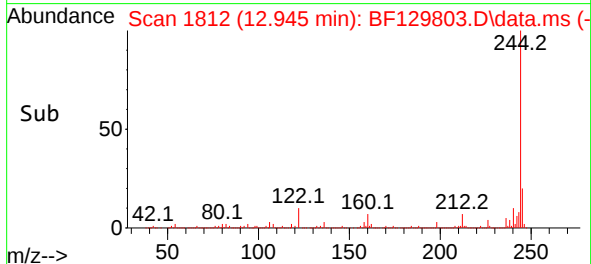
Instrument :
BNA_F
ClientSampleId :
PB146771BS



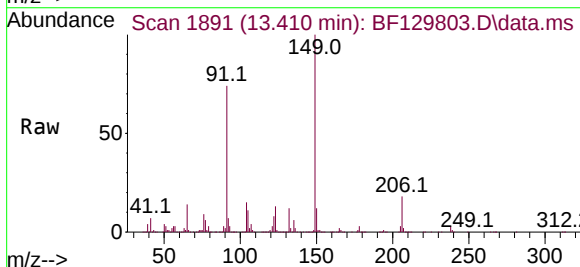
Tgt Ion:244 Resp: 2164594
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 9.9 9.9 14.9

Manual Integrations
APPROVED

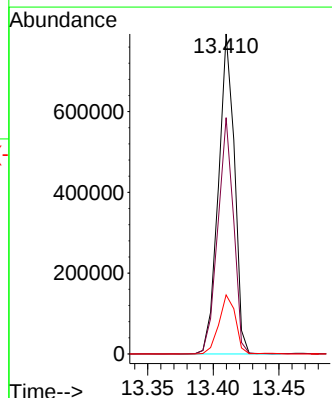
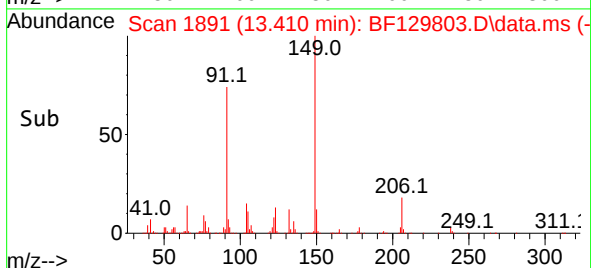
Reviewed By :Christian Giraldo 08/17/2022
Supervised By :Jagrut Upadhyay 08/17/2022

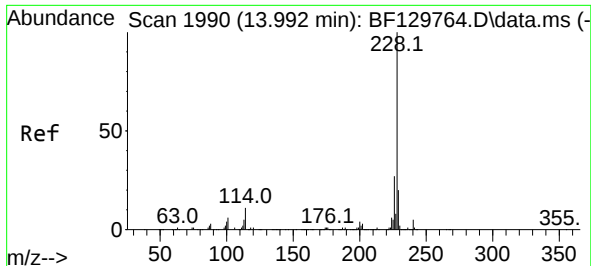


#80
Butylbenzylphthalate
Concen: 42.633 ng
RT: 13.410 min Scan# 1891
Delta R.T. 0.000 min
Lab File: BF129803.D
Acq: 16 Aug 2022 10:26



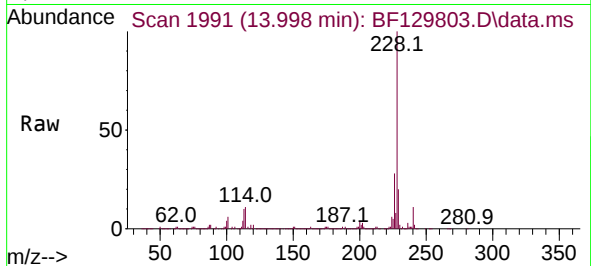
Tgt Ion:149 Resp: 674715
Ion Ratio Lower Upper
149 100
91 73.8 55.4 83.0
206 18.4 15.8 23.6





#81
Benzo(a)anthracene
Concen: 39.121 ng
RT: 13.998 min Scan# 1990
Delta R.T. 0.006 min
Lab File: BF129803.D
Acq: 16 Aug 2022 10:26

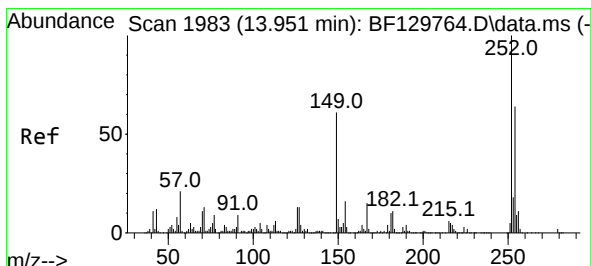
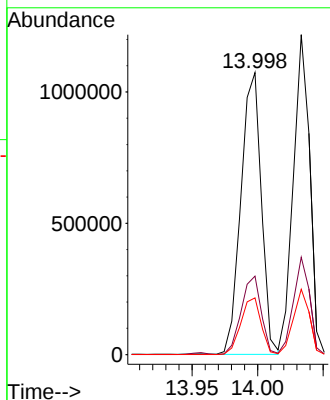
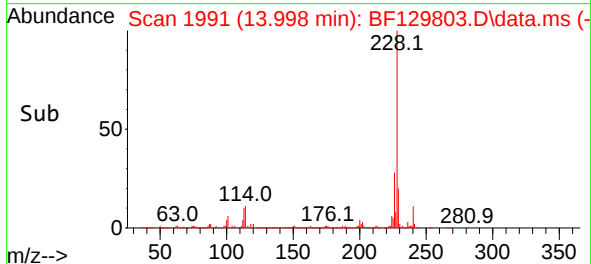
Instrument :
BNA_F
ClientSampleId :
PB146771BS



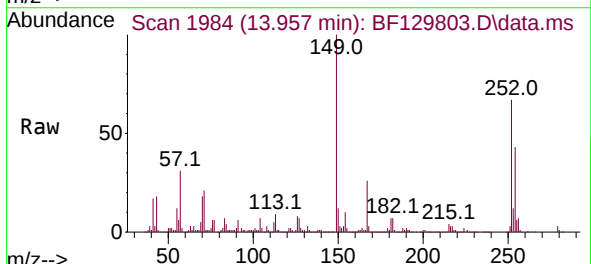
Tgt Ion:228 Resp: 1158263
Ion Ratio Lower Upper
228 100
226 27.9 21.4 32.0
229 20.1 16.1 24.1

Manual Integrations
APPROVED

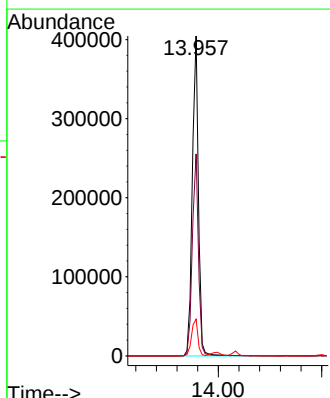
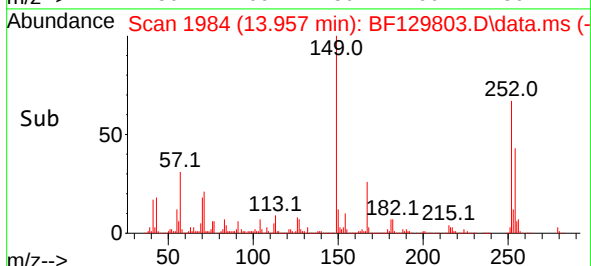
Reviewed By :Christian Giraldo 08/17/2022
Supervised By :Jagrut Upadhyay 08/17/2022

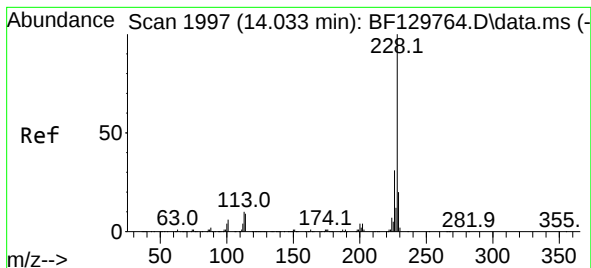


#82
3,3'-Dichlorobenzidine
Concen: 36.142 ng
RT: 13.957 min Scan# 1984
Delta R.T. 0.006 min
Lab File: BF129803.D
Acq: 16 Aug 2022 10:26



Tgt Ion:252 Resp: 331409
Ion Ratio Lower Upper
252 100
254 63.1 51.4 77.2
126 11.5 10.2 15.4





#83

Chrysene

Concen: 38.380 ng

RT: 14.033 min Scan# 1997

Delta R.T. 0.000 min

Lab File: BF129803.D

Acq: 16 Aug 2022 10:26

Instrument :

BNA_F

ClientSampleId :

PB146771BS

Tgt Ion:228 Resp: 1063680

Ion Ratio Lower Upper

228 100

226 30.4 24.4 36.6

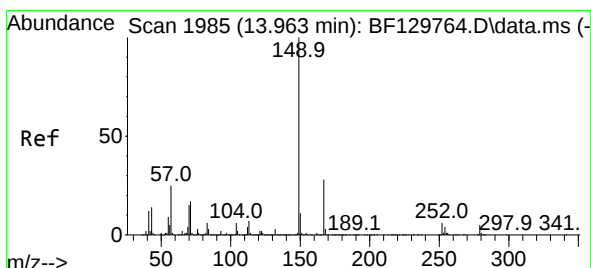
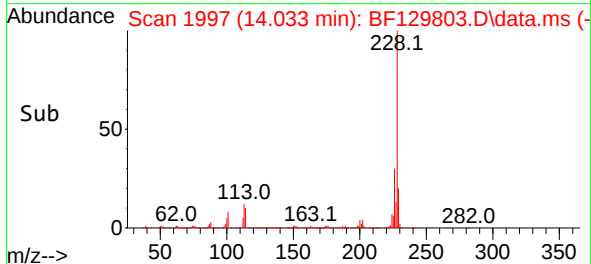
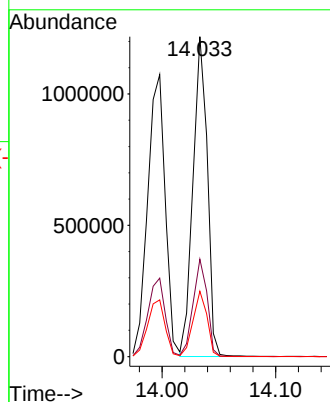
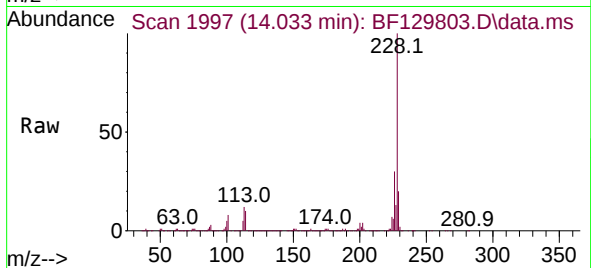
229 20.4 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/17/2022

Supervised By :Jagrut Upadhyay 08/17/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.977 ng

RT: 13.963 min Scan# 1985

Delta R.T. 0.000 min

Lab File: BF129803.D

Acq: 16 Aug 2022 10:26

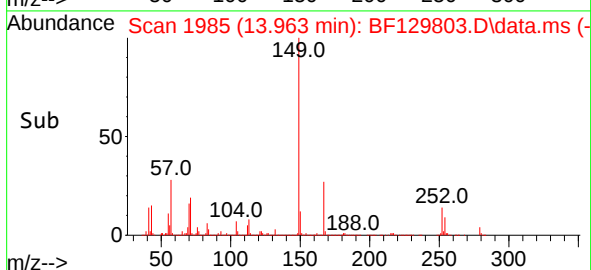
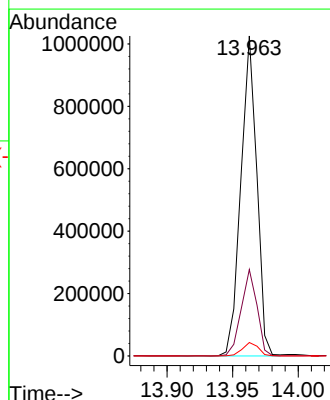
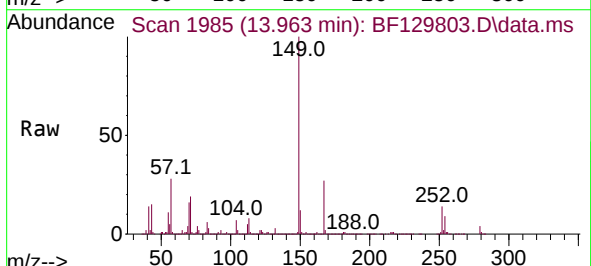
Tgt Ion:149 Resp: 863270

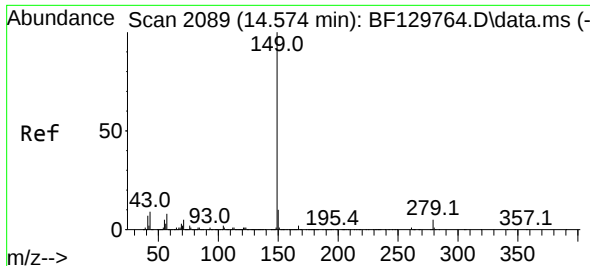
Ion Ratio Lower Upper

149 100

167 27.0 22.0 33.0

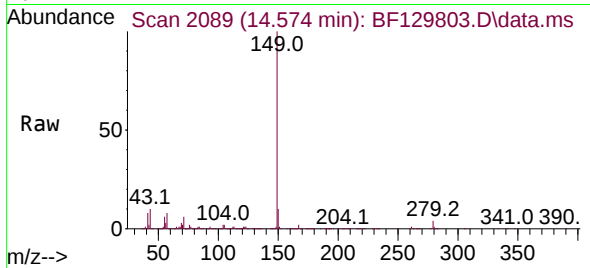
279 4.2 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 44.213 ng
RT: 14.574 min Scan# 2089
Delta R.T. 0.000 min
Lab File: BF129803.D
Acq: 16 Aug 2022 10:26

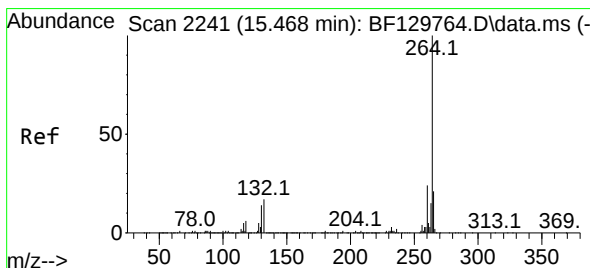
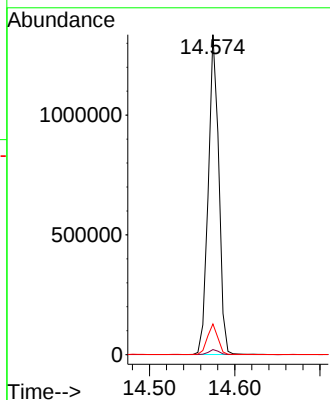
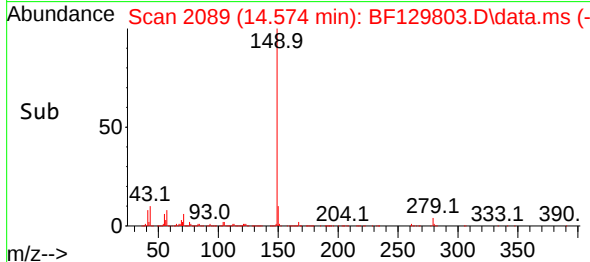
Instrument :
BNA_F
Client SampleId :
PB146771BS



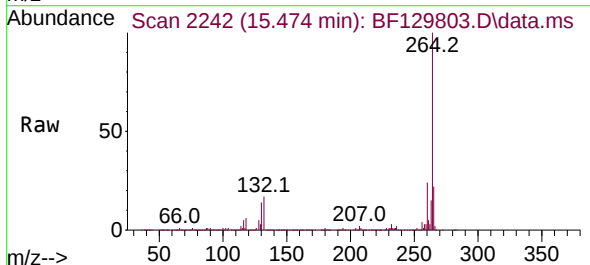
Tgt Ion:149 Resp: 1145969
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.5 7.8 11.6

Manual Integrations
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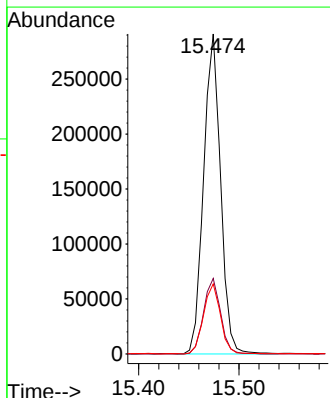
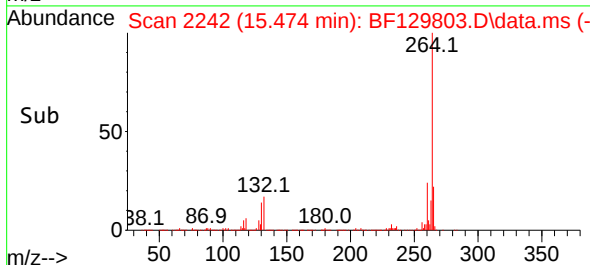
Reviewed By :Christian Giraldo 08/17/2022
Supervised By :Jagrut Upadhyay 08/17/2022

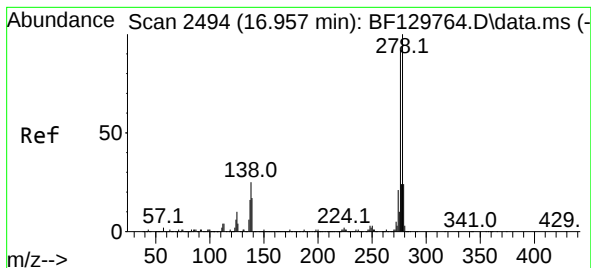


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 2242
Delta R.T. 0.006 min
Lab File: BF129803.D
Acq: 16 Aug 2022 10:26



Tgt Ion:264 Resp: 341420
Ion Ratio Lower Upper
264 100
260 23.6 19.1 28.7
265 21.9 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.224 ng

RT: 16.968 min Scan# 2496

Delta R.T. 0.012 min

Lab File: BF129803.D

Acq: 16 Aug 2022 10:26

Instrument :

BNA_F

ClientSampleId :

PB146771BS

Tgt Ion:276 Resp: 989693

Ion Ratio Lower Upper

276 100

138 24.8 19.8 29.8

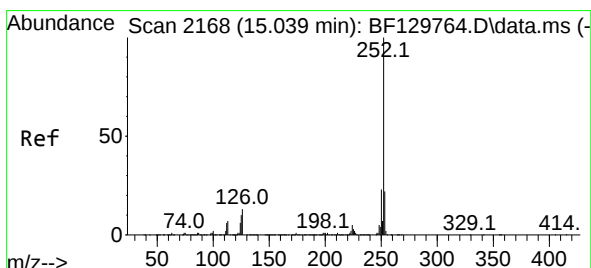
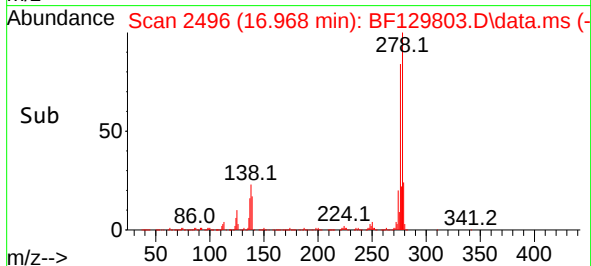
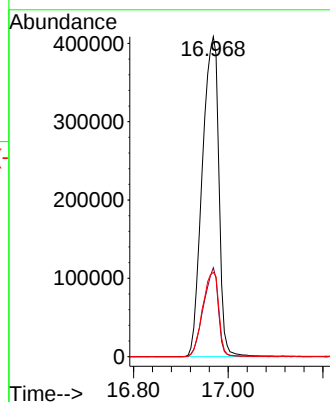
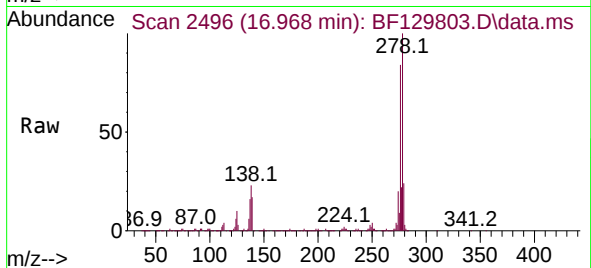
277 25.8 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/17/2022

Supervised By :Jagrut Upadhyay 08/17/2022



#88

Benzo(b)fluoranthene

Concen: 43.051 ng

RT: 15.045 min Scan# 2169

Delta R.T. 0.006 min

Lab File: BF129803.D

Acq: 16 Aug 2022 10:26

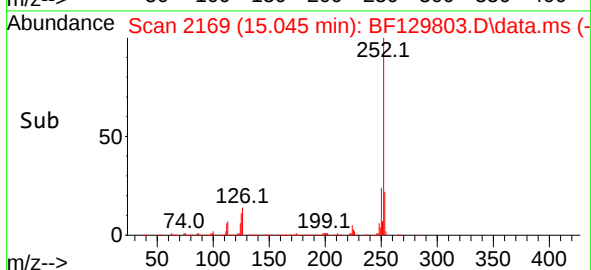
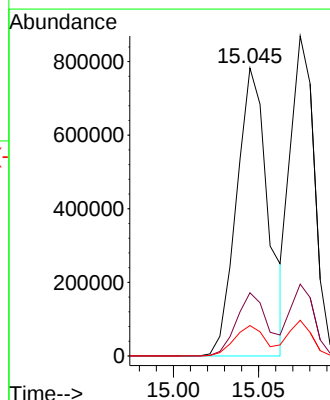
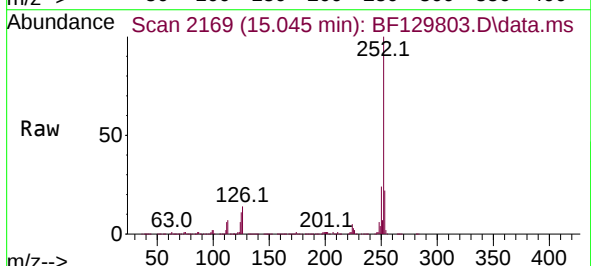
Tgt Ion:252 Resp: 1006492

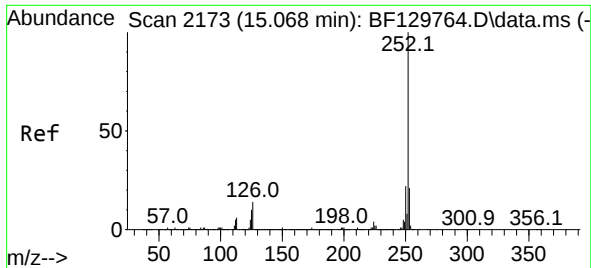
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

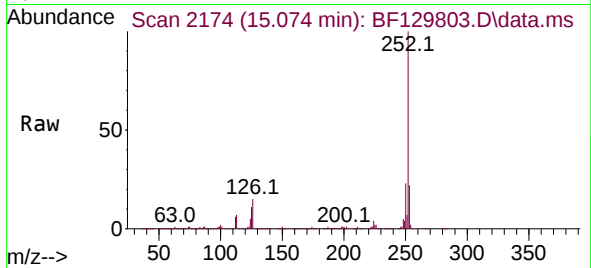
125 10.5 8.3 12.5





#89
Benzo(k)fluoranthene
Concen: 38.310 ng
RT: 15.074 min Scan# 2173
Delta R.T. 0.006 min
Lab File: BF129803.D
Acq: 16 Aug 2022 10:26

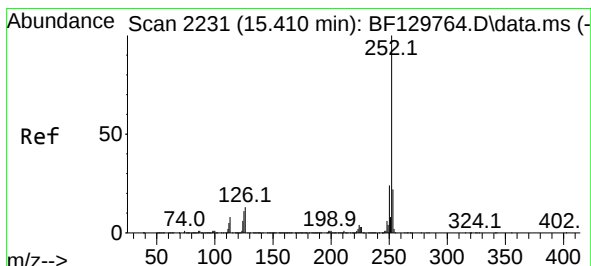
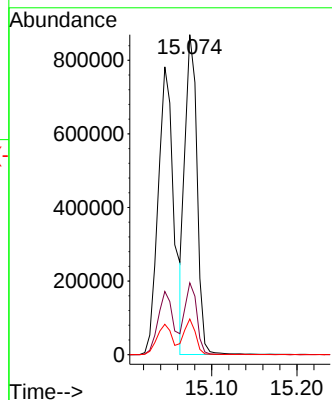
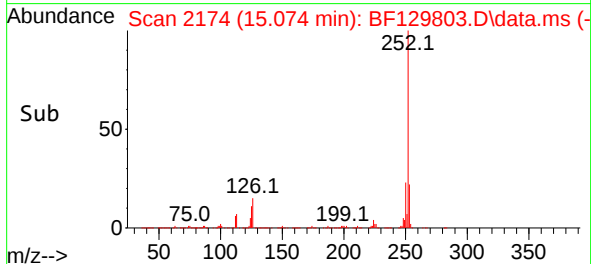
Instrument :
BNA_F
ClientSampleId :
PB146771BS



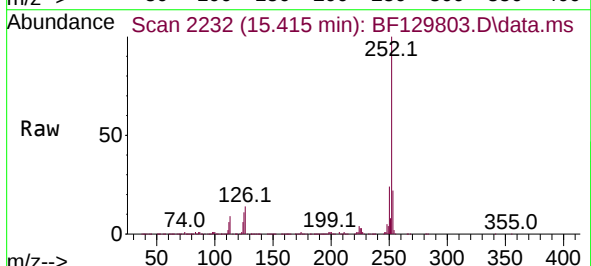
Tgt Ion:252 Resp: 858934
Ion Ratio Lower Upper
252 100
253 22.4 17.1 25.7
125 11.1 8.3 12.5

Manual Integrations
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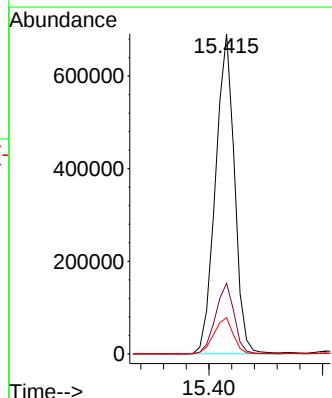
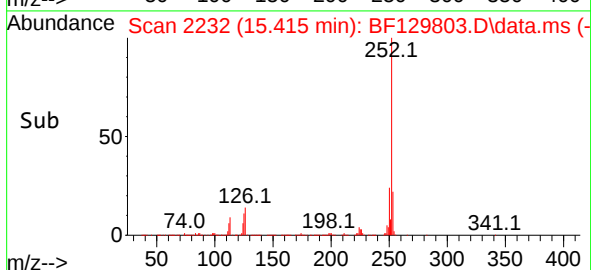
Reviewed By :Christian Giraldo 08/17/2022
Supervised By :Jagrut Upadhyay 08/17/2022

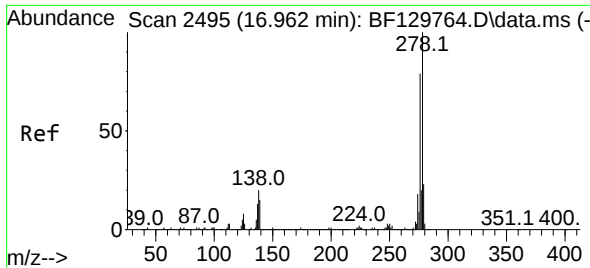


#90
Benzo(a)pyrene
Concen: 43.522 ng
RT: 15.415 min Scan# 2232
Delta R.T. 0.006 min
Lab File: BF129803.D
Acq: 16 Aug 2022 10:26



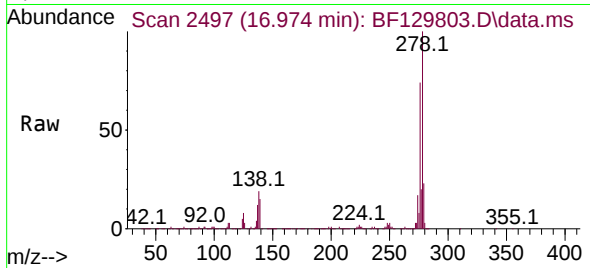
Tgt Ion:252 Resp: 801268
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 11.3 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 44.505 ng
RT: 16.974 min Scan# 2495
Delta R.T. 0.012 min
Lab File: BF129803.D
Acq: 16 Aug 2022 10:26

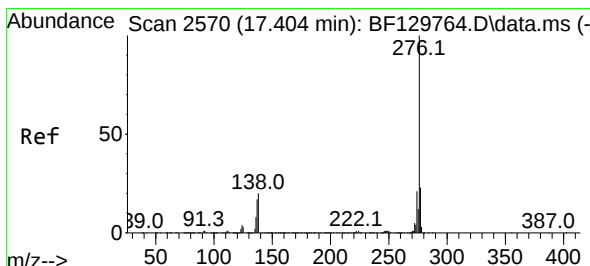
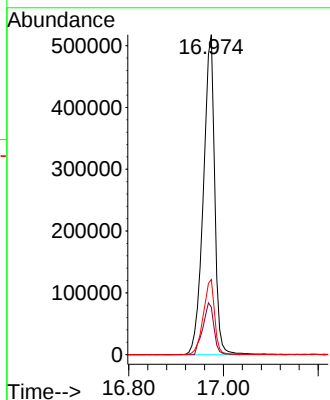
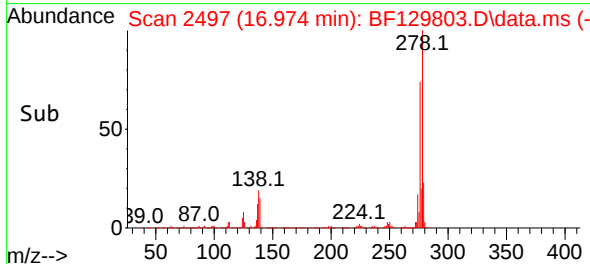
Instrument :
BNA_F
ClientSampleId :
PB146771BS



Tgt Ion: 278 Resp: 860714
Ion Ratio Lower Upper
278 100
139 14.8 12.2 18.4
279 23.5 18.7 28.1

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 08/17/2022
Supervised By : Jagrut Upadhyay 08/17/2022



#92
Benzo(g,h,i)perylene
Concen: 45.358 ng
RT: 17.415 min Scan# 2572
Delta R.T. 0.012 min
Lab File: BF129803.D
Acq: 16 Aug 2022 10:26

Tgt Ion: 276 Resp: 875150
Ion Ratio Lower Upper
276 100
277 23.7 18.2 27.4
138 20.9 15.8 23.8

