

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081922\
 Data File : BF129903.D
 Acq On : 19 Aug 2022 10:14
 Operator : CG\JU
 Sample : PB146929BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146929BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/22/2022
 Supervised By : Jagrut Upadhyay 08/22/2022

Quant Time: Aug 20 01:07:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 18 12:03:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	144649	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	580360	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	301802	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	513194	20.000	ng	0.00
76) Chrysene-d12	13.980	240	320682	20.000	ng	0.00
86) Perylene-d12	15.439	264	257917	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1072211	122.729	ng	0.01
7) Phenol-d6	6.451	99	1302850	119.086	ng	0.00
23) Nitrobenzene-d5	7.369	82	842884	77.747	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	364031	120.181	ng	0.01
45) 2-Fluorobiphenyl	9.157	172	1511862	76.084	ng	0.00
79) Terphenyl-d14	12.916	244	1632152	84.688	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.569	88	125567	34.838	ng	99
3) Pyridine	3.346	79	342884	36.352	ng	97
4) n-Nitrosodimethylamine	3.293	42	195519	44.979	ng	100
6) Aniline	6.463	93	509471	40.858	ng	95
8) 2-Chlorophenol	6.593	128	422766	43.469	ng	99
9) Benzaldehyde	6.351	77	279557	49.276	ng	98
10) Phenol	6.469	94	514274	42.853	ng	83
11) bis(2-Chloroethyl)ether	6.534	93	394656	43.306	ng	100
12) 1,3-Dichlorobenzene	6.734	146	441756	42.074	ng	99
13) 1,4-Dichlorobenzene	6.810	146	451880	42.120	ng	99
14) 1,2-Dichlorobenzene	6.963	146	426663	42.821	ng	99
15) Benzyl Alcohol	6.951	79	361873	43.814	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.069	45	516936	42.333	ng	93
17) 2-Methylphenol	7.069	107	328783	42.102	ng	99
18) Hexachloroethane	7.298	117	170906	42.422	ng	95
19) n-Nitroso-di-n-propyla...	7.210	70	287227	41.535	ng	99
20) 3+4-Methylphenols	7.222	107	425723	40.613	ng	97
22) Acetophenone	7.210	105	588246	41.593	ng	99
24) Nitrobenzene	7.387	77	445448	40.747	ng	100
25) Isophorone	7.622	82	781254	41.869	ng	100
26) 2-Nitrophenol	7.698	139	228329	42.462	ng	99
27) 2,4-Dimethylphenol	7.740	122	353462	45.835	ng	97
28) bis(2-Chloroethoxy)met...	7.828	93	471167	43.246	ng	98
29) 2,4-Dichlorophenol	7.951	162	340172	40.341	ng	99
30) 1,2,4-Trichlorobenzene	8.016	180	349078	39.241	ng	98
31) Naphthalene	8.098	128	1191072	39.251	ng	100
32) Benzoic acid	7.892	122	139456	42.063	ng	91
33) 4-Chloroaniline	8.157	127	464850	38.955	ng	99
34) Hexachlorobutadiene	8.210	225	215047	39.701	ng	98
35) Caprolactam	8.545	113	109650m	41.815	ng	
36) 4-Chloro-3-methylphenol	8.657	107	369267	40.592	ng	97
37) 2-Methylnaphthalene	8.792	142	777314	39.029	ng	100
38) 1-Methylnaphthalene	8.892	142	745565	38.519	ng	99
40) 1,2,4,5-Tetrachloroben...	8.957	216	344192	41.004	ng	99
41) Hexachlorocyclopentadiene	8.939	237	228737	82.535	ng	99
43) 2,4,6-Trichlorophenol	9.081	196	214382	39.308	ng	97

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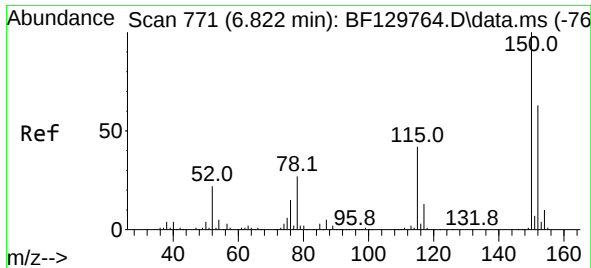
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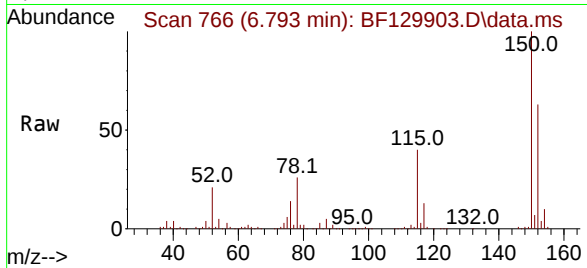
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.134	196	231161	39.396	ng	96
46) 1,1'-Biphenyl	9.257	154	942349	41.101	ng	100
47) 2-Chloronaphthalene	9.286	162	727259	40.089	ng	100
48) 2-Nitroaniline	9.392	65	239508	41.777	ng	98
49) Acenaphthylene	9.698	152	1093524	39.751	ng	100
50) Dimethylphthalate	9.563	163	830682	38.395	ng	99
51) 2,6-Dinitrotoluene	9.634	165	189974	40.479	ng	98
52) Acenaphthene	9.869	154	659923	39.540	ng	98
53) 3-Nitroaniline	9.810	138	179682	34.620	ng	96
54) 2,4-Dinitrophenol	9.928	184	173475	81.635	ng	95
55) Dibenzofuran	10.045	168	987603	39.387	ng	97
56) 4-Nitrophenol	9.998	139	206613	89.482	ng	98
57) 2,4-Dinitrotoluene	10.045	165	247380	40.605	ng	97
58) Fluorene	10.386	166	822890	39.305	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.175	232	166974	38.777	ng	# 78
60) Diethylphthalate	10.263	149	819626	37.994	ng	98
61) 4-Chlorophenyl-phenyle...	10.375	204	369810	39.361	ng	97
62) 4-Nitroaniline	10.433	138	208407m	39.803	ng	
63) Azobenzene	10.539	77	803102	38.948	ng	96
65) 4,6-Dinitro-2-methylph...	10.463	198	119648	39.714	ng	89
66) n-Nitrosodiphenylamine	10.504	169	703237	40.599	ng	99
67) 4-Bromophenyl-phenylether	10.869	248	236351	39.321	ng	94
68) Hexachlorobenzene	10.939	284	262264	40.279	ng	95
69) Atrazine	11.033	200	228870	43.050	ng	99
70) Pentachlorophenol	11.145	266	154478	79.204	ng	97
71) Phenanthrene	11.357	178	1147151	40.024	ng	100
72) Anthracene	11.410	178	1166717	40.934	ng	99
73) Carbazole	11.569	167	1084394	41.911	ng	99
74) Di-n-butylphthalate	11.880	149	1254480	37.672	ng	100
75) Fluoranthene	12.545	202	1192850	40.671	ng	98
77) Benzidine	12.669	184	646920	89.325	ng	100
78) Pyrene	12.780	202	1193214	42.818	ng	100
80) Butylbenzylphthalate	13.386	149	464376	39.381	ng	98
81) Benzo(a)anthracene	13.969	228	881053	39.939	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	246604	36.095	ng	99
83) Chrysene	14.004	228	807272	39.094	ng	100
84) Bis(2-ethylhexyl)phtha...	13.939	149	534650	38.217	ng	99
85) Di-n-octyl phthalate	14.551	149	713572	36.949	ng	99
87) Indeno(1,2,3-cd)pyrene	16.927	276	853436	48.199	ng	100
88) Benzo(b)fluoranthene	15.016	252	689734	39.054	ng	100
89) Benzo(k)fluoranthene	15.045	252	694056	40.979	ng	98
90) Benzo(a)pyrene	15.380	252	616309	44.314	ng	99
91) Dibenzo(a,h)anthracene	16.927	278	728537	49.866	ng	98
92) Benzo(g,h,i)perylene	17.368	276	773442	53.065	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 70
Delta R.T. 0.001 min
Lab File: BF129903.D
Acq: 19 Aug 2022 10:14

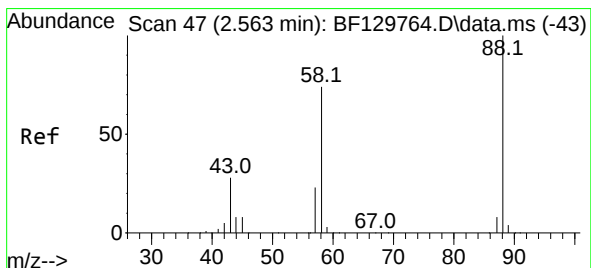
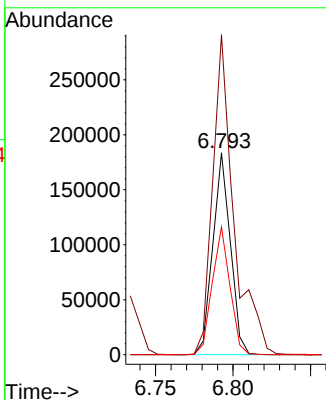
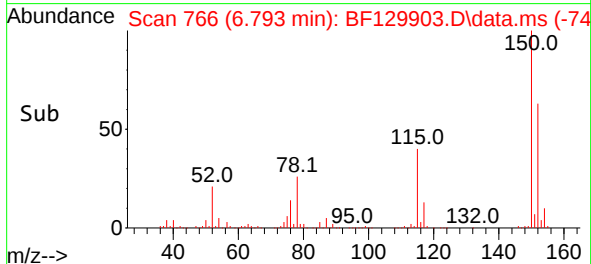
Instrument :
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PB146929BS



Tgt Ion:152 Resp: 144649
Ion Ratio Lower Upper
152 100
150 158.4 126.9 190.3
115 63.2 53.4 80.0

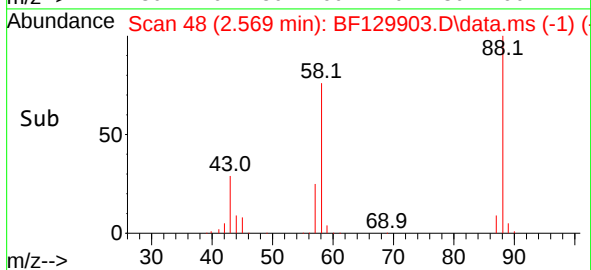
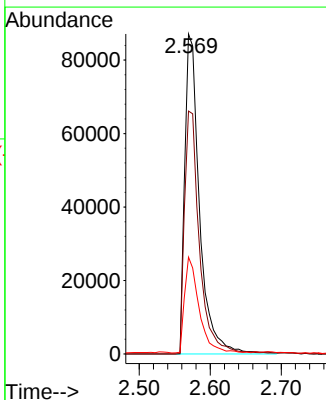
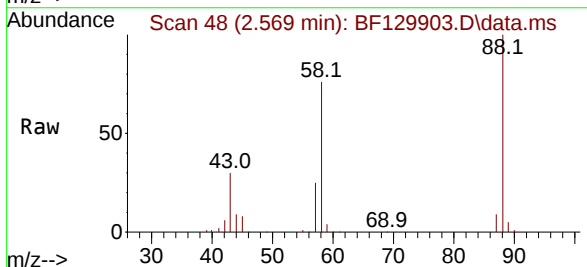
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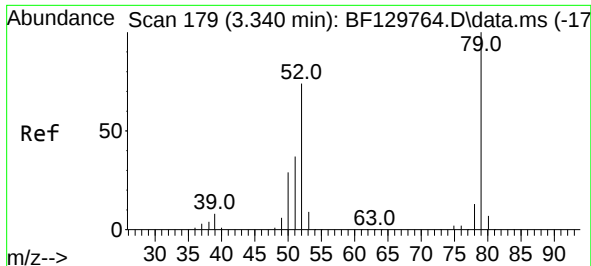
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#2
1,4-Dioxane
Concen: 34.838 ng
RT: 2.569 min Scan# 48
Delta R.T. 0.071 min
Lab File: BF129903.D
Acq: 19 Aug 2022 10:14

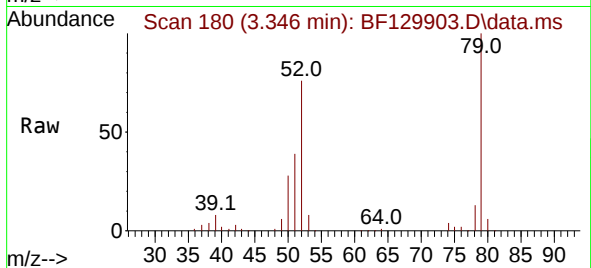
Tgt Ion: 88 Resp: 125567
Ion Ratio Lower Upper
88 100
58 76.8 60.9 91.3
43 29.4 23.6 35.4





#3
Pyridine
Concen: 36.352 ng
RT: 3.346 min Scan# 11
Delta R.T. 0.077 min
Lab File: BF129903.D
Acq: 19 Aug 2022 10:14

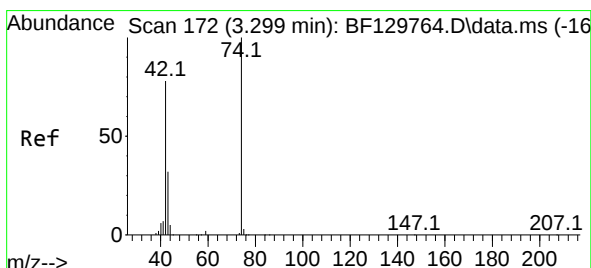
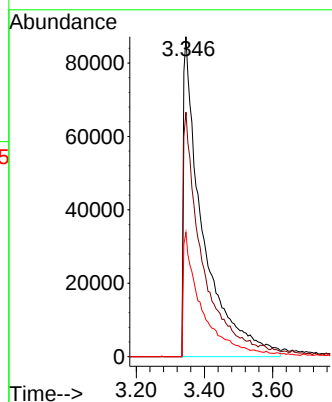
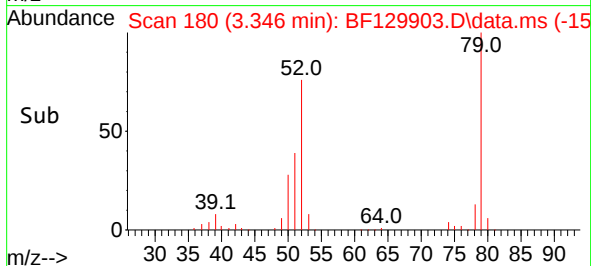
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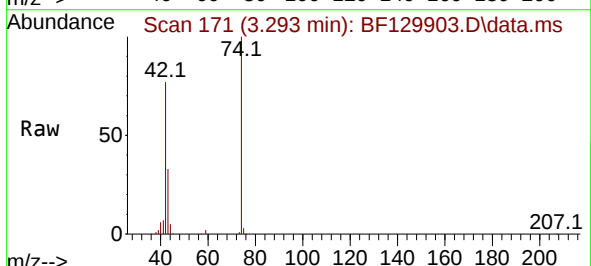
Tgt Ion: 79 Resp: 342884
Ion Ratio Lower Upper
79 100
52 76.4 59.4 89.2
51 38.9 29.5 44.3

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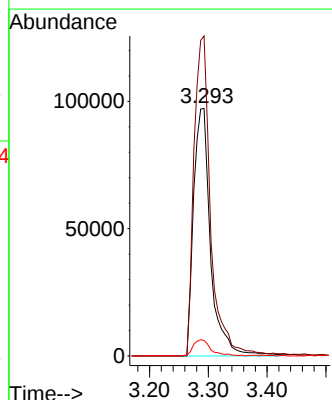
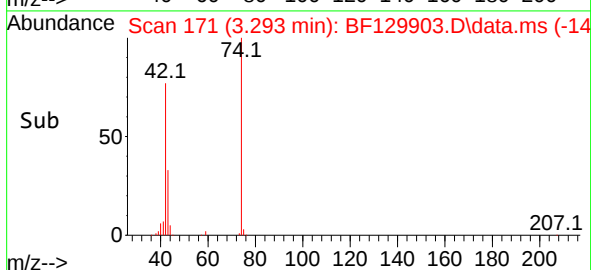
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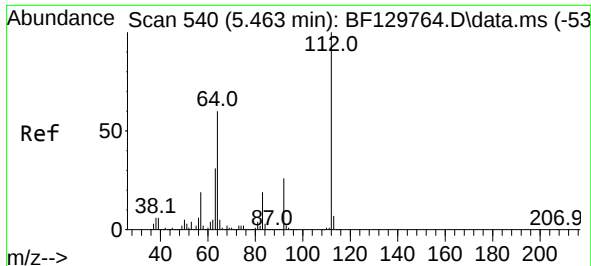


#4
n-Nitrosodimethylamine
Concen: 44.979 ng
RT: 3.293 min Scan# 171
Delta R.T. 0.065 min
Lab File: BF129903.D
Acq: 19 Aug 2022 10:14



Tgt Ion: 42 Resp: 195519
Ion Ratio Lower Upper
42 100
74 129.3 103.1 154.7
44 6.3 5.4 8.2





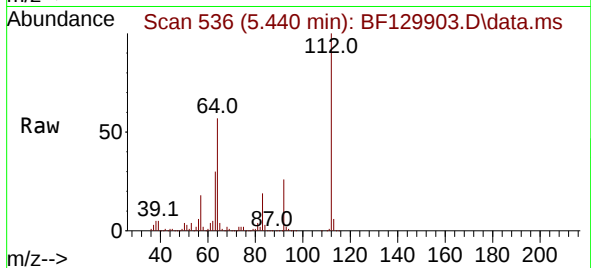
#5
2-Fluorophenol
Concen: 122.729 ng
RT: 5.440 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF129903.D
Acq: 19 Aug 2022 10:14

Instrument :

BNA_F

ClientSampleId :

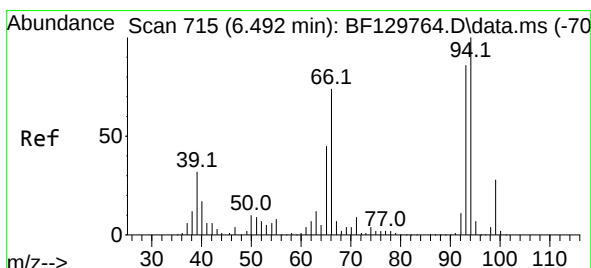
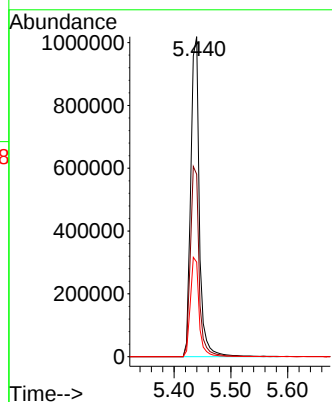
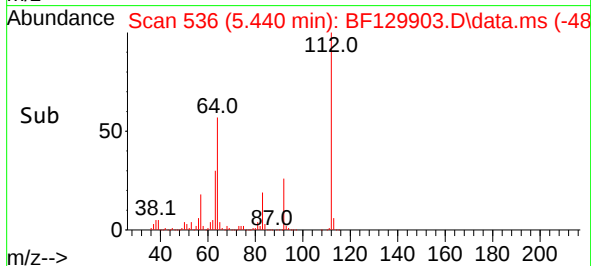
PB146929BS



Tgt Ion:112 Resp: 107221
Ion Ratio Lower Upper
112 100
64 57.0 47.6 71.4
63 29.5 24.6 37.0

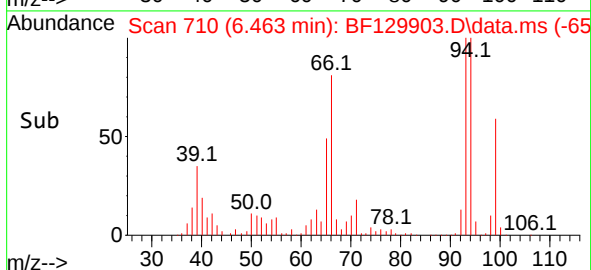
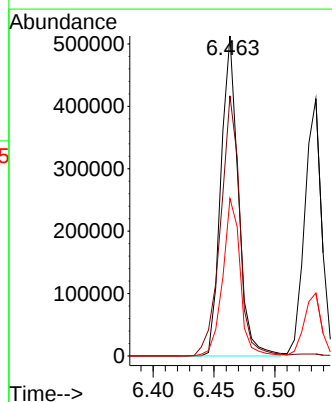
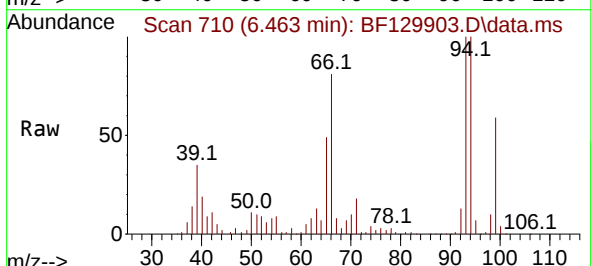
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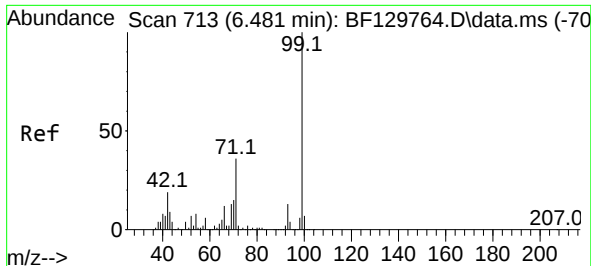
Reviewed By :Christian Giraldo 08/22/2022
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#6
Aniline
Concen: 40.858 ng
RT: 6.463 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF129903.D
Acq: 19 Aug 2022 10:14

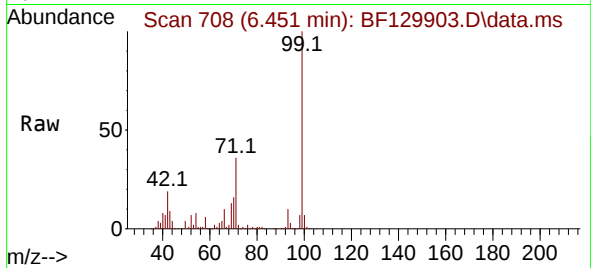
Tgt Ion: 93 Resp: 509471
Ion Ratio Lower Upper
93 100
66 81.3 68.7 103.1
65 49.2 41.6 62.4





#7
Phenol-d6
Concen: 119.086 ng
RT: 6.451 min Scan# 708
Delta R.T. 0.000 min
Lab File: BF129903.D
Acq: 19 Aug 2022 10:14

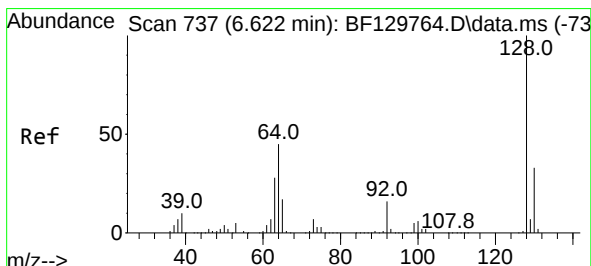
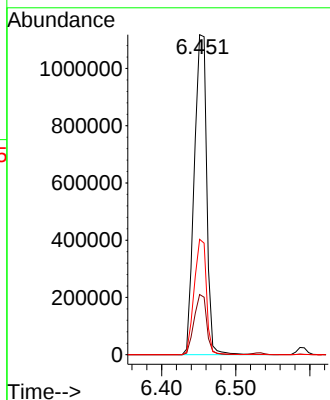
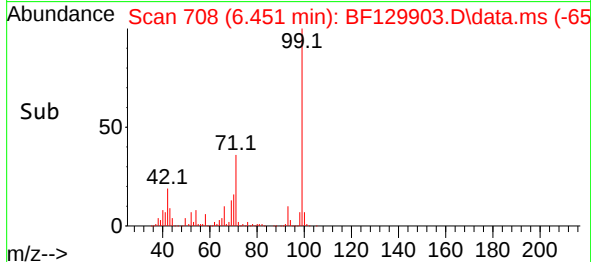
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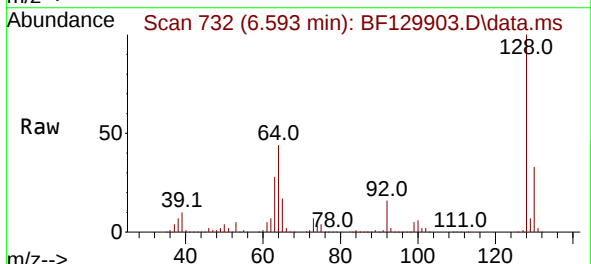
Tgt Ion: 99 Resp: 1302850
Ion Ratio Lower Upper
99 100
42 18.8 15.0 22.4
71 36.1 28.8 43.2

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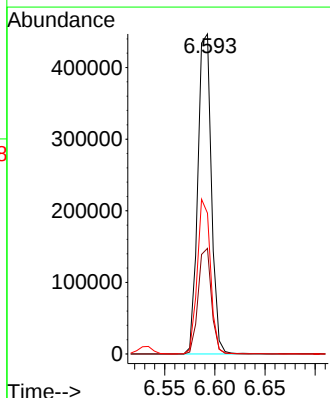
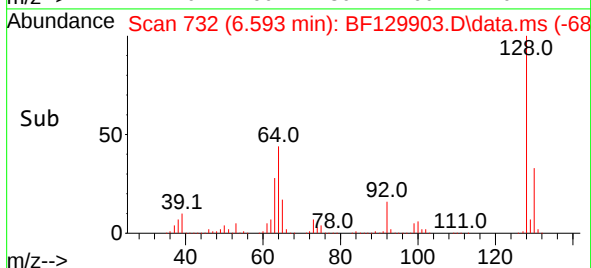
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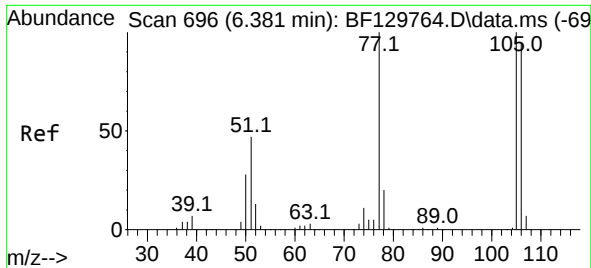


#8
2-Chlorophenol
Concen: 43.469 ng
RT: 6.593 min Scan# 732
Delta R.T. 0.006 min
Lab File: BF129903.D
Acq: 19 Aug 2022 10:14



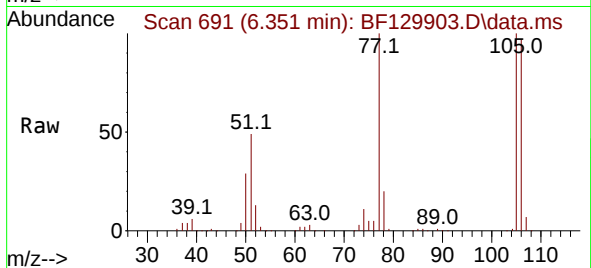
Tgt Ion:128 Resp: 422766
Ion Ratio Lower Upper
128 100
130 33.0 12.5 52.5
64 44.0 24.9 64.9





#9
Benzaldehyde
Concen: 49.276 ng
RT: 6.351 min Scan# 691
Delta R.T. 0.000 min
Lab File: BF129903.D
Acq: 19 Aug 2022 10:14

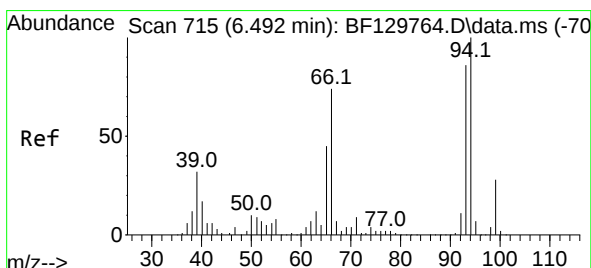
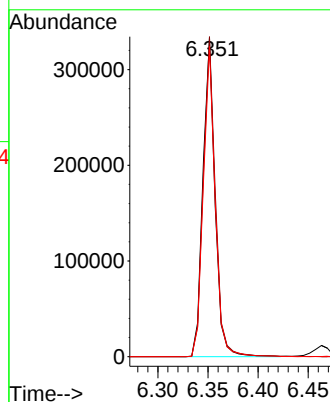
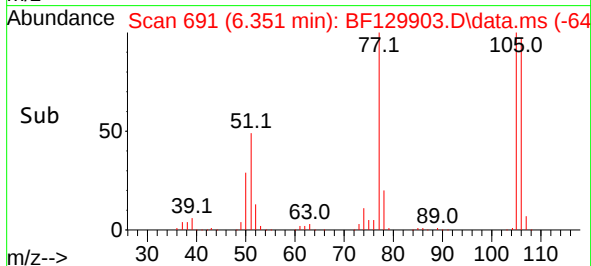
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 77 Resp: 27955
Ion Ratio Lower Upper
77 100
105 100.4 80.3 120.3
106 97.2 74.3 114.3

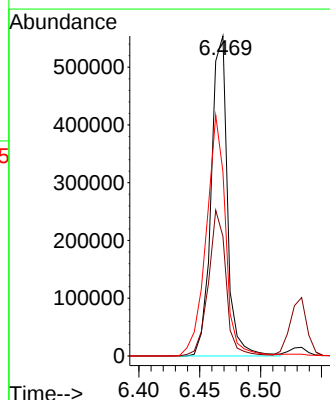
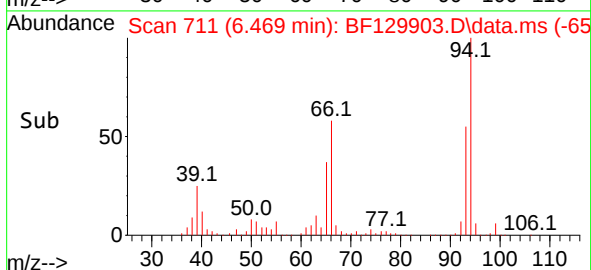
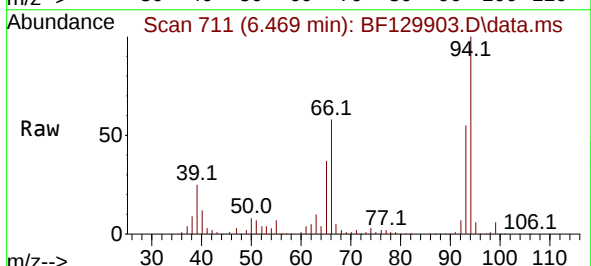
Manual Integrations
APPROVED

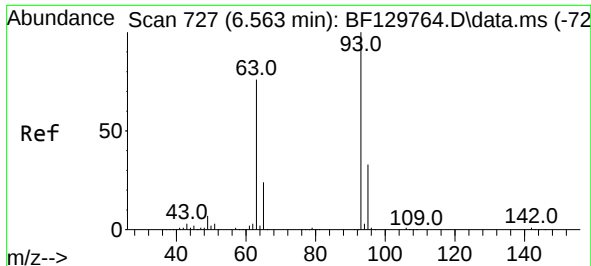
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#10
Phenol
Concen: 42.853 ng
RT: 6.469 min Scan# 711
Delta R.T. 0.006 min
Lab File: BF129903.D
Acq: 19 Aug 2022 10:14

Tgt Ion: 94 Resp: 514274
Ion Ratio Lower Upper
94 100
65 37.4 24.9 64.9
66 57.6 54.2 94.2





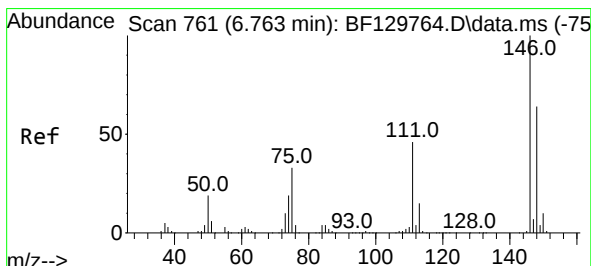
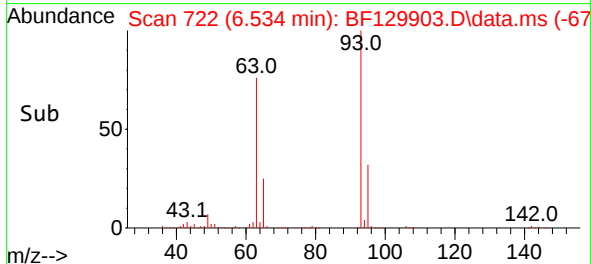
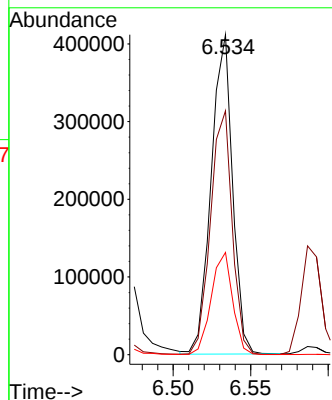
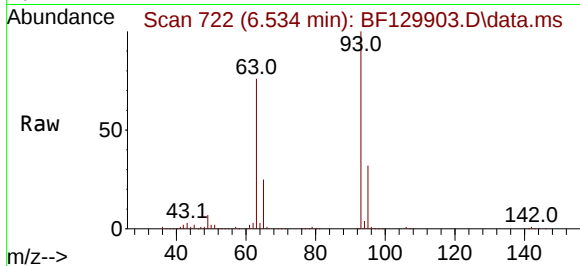
#11
bis(2-Chloroethyl)ether
Concen: 43.306 ng
RT: 6.534 min Scan# 727
Delta R.T. 0.000 min
Lab File: BF129903.D
Acq: 19 Aug 2022 10:14

Instrument :
BNA_F
ClientSampleId :
PB146929BS

Tgt Ion: 93 Resp: 394650
Ion Ratio Lower Upper
93 100
63 76.2 55.9 95.9
95 32.0 12.3 52.3

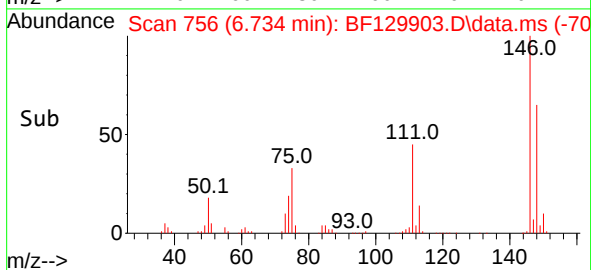
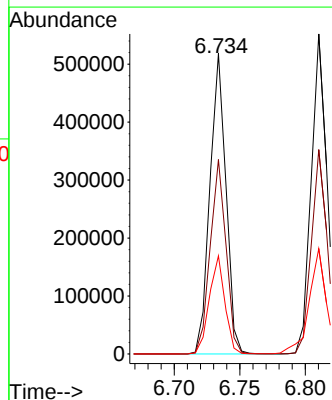
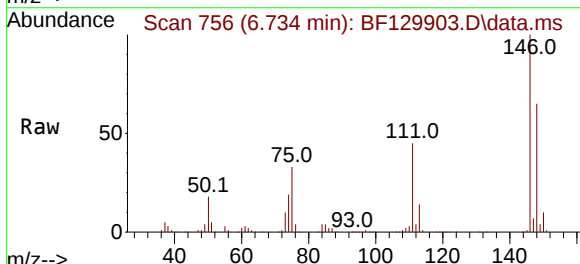
Manual Integrations
APPROVED

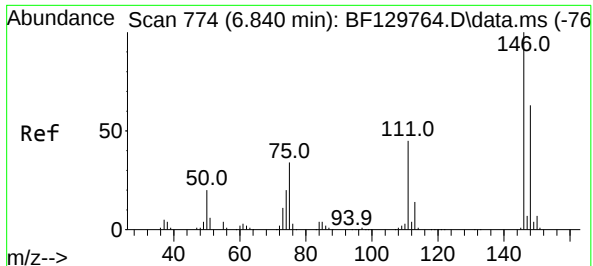
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#12
1,3-Dichlorobenzene
Concen: 42.074 ng
RT: 6.734 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF129903.D
Acq: 19 Aug 2022 10:14

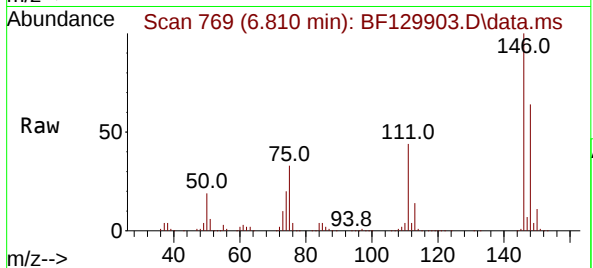
Tgt Ion:146 Resp: 441756
Ion Ratio Lower Upper
146 100
148 64.7 51.2 76.8
75 32.7 26.5 39.7





#13
1,4-Dichlorobenzene
Concen: 42.120 ng
RT: 6.810 min Scan# 709
Delta R.T. 0.000 min
Lab File: BF129903.D
Acq: 19 Aug 2022 10:14

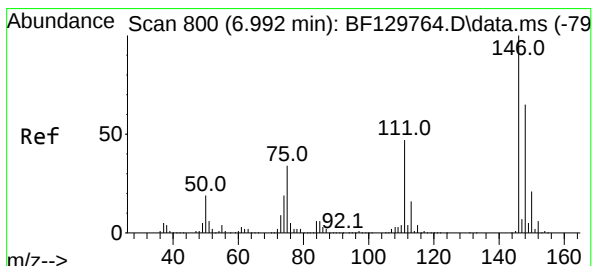
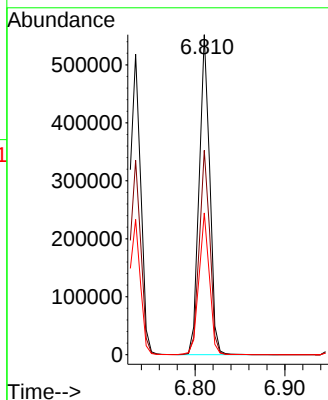
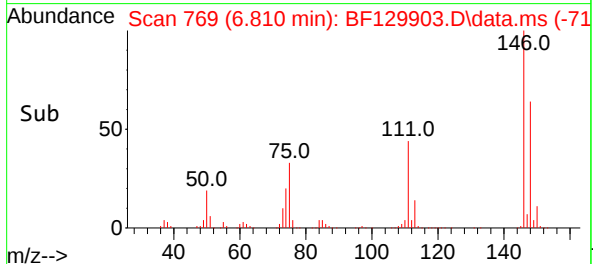
Instrument :
BNA_F
ClientSampleId :
PB146929BS



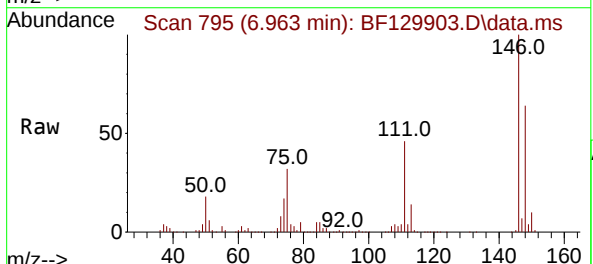
Tgt Ion:146 Resp: 451880
Ion Ratio Lower Upper
146 100
148 63.9 50.6 75.8
111 44.3 36.2 54.4

Manual Integrations
APPROVED

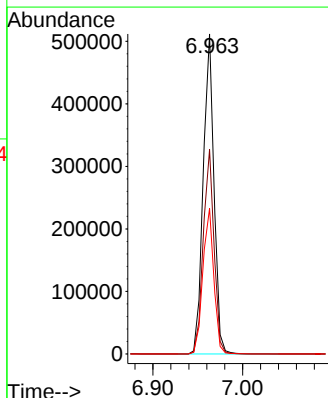
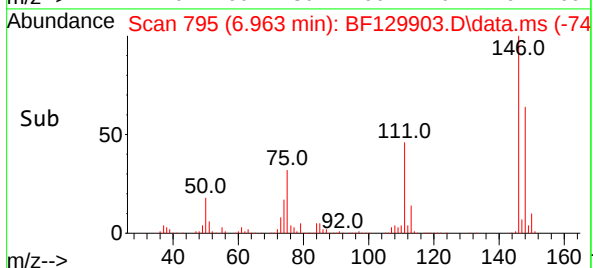
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

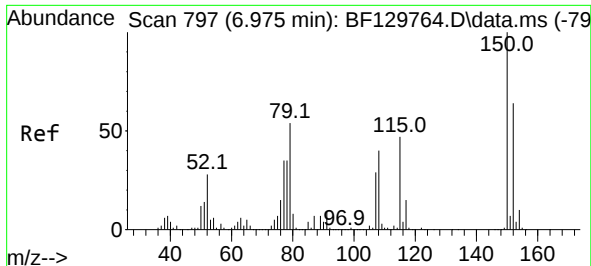


#14
1,2-Dichlorobenzene
Concen: 42.821 ng
RT: 6.963 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF129903.D
Acq: 19 Aug 2022 10:14



Tgt Ion:146 Resp: 426663
Ion Ratio Lower Upper
146 100
148 63.9 51.8 77.6
111 45.5 37.2 55.8





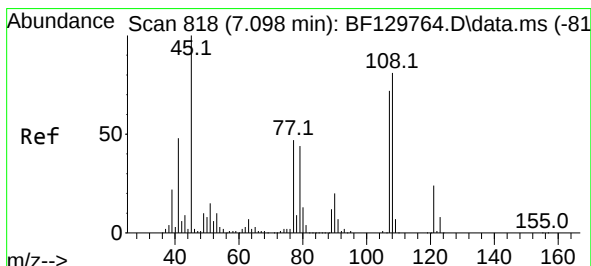
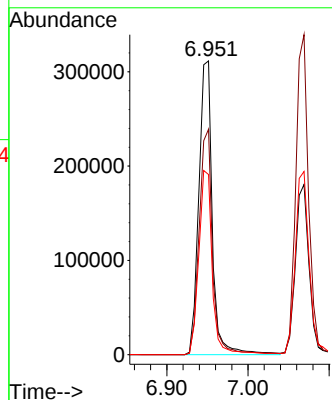
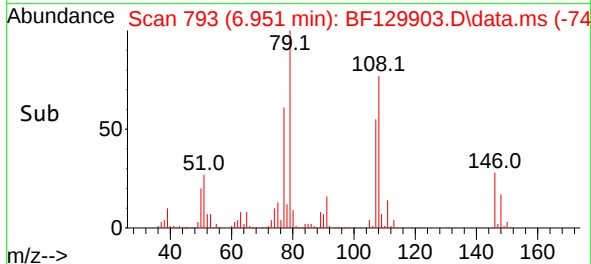
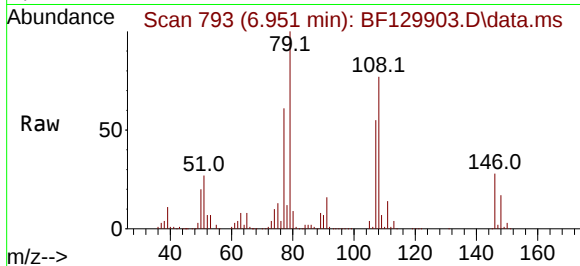
#15
Benzyl Alcohol
Concen: 43.814 ng
RT: 6.951 min Scan# 79
Delta R.T. 0.006 min
Lab File: BF129903.D
Acq: 19 Aug 2022 10:14

Instrument :
BNA_F
ClientSampleId :
PB146929BS

Tgt Ion: 79 Resp: 36187
Ion Ratio Lower Upper
79 100
108 76.7 59.2 88.8
77 61.3 51.9 77.9

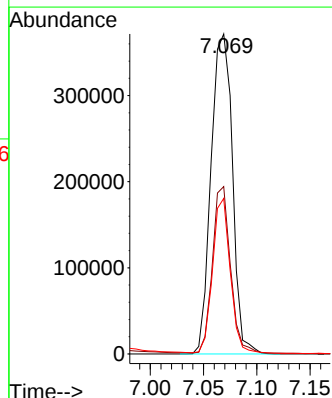
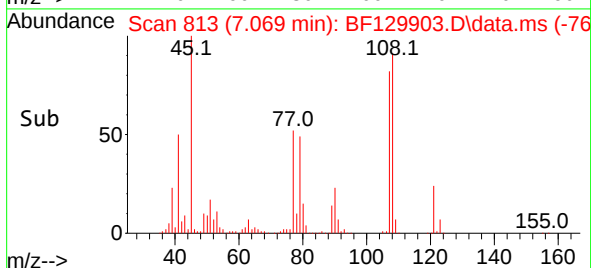
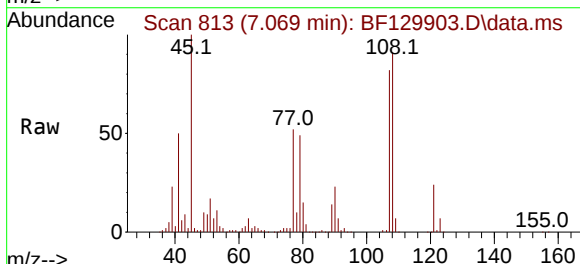
Manual Integrations
APPROVED

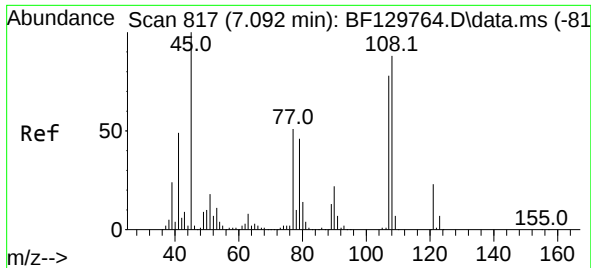
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.333 ng
RT: 7.069 min Scan# 813
Delta R.T. 0.000 min
Lab File: BF129903.D
Acq: 19 Aug 2022 10:14

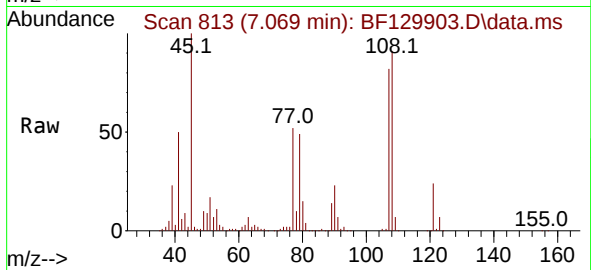
Tgt Ion: 45 Resp: 516936
Ion Ratio Lower Upper
45 100
77 52.3 27.4 67.4
79 48.6 24.4 64.4





#17
2-Methylphenol
Concen: 42.102 ng
RT: 7.069 min Scan# 813
Delta R.T. 0.006 min
Lab File: BF129903.D
Acq: 19 Aug 2022 10:14

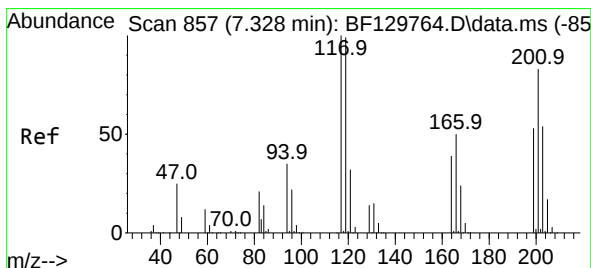
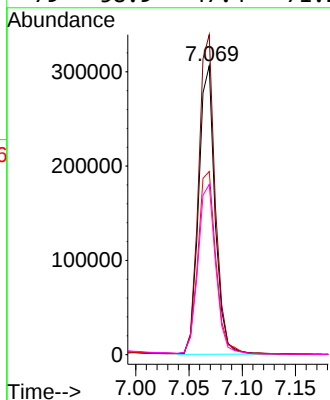
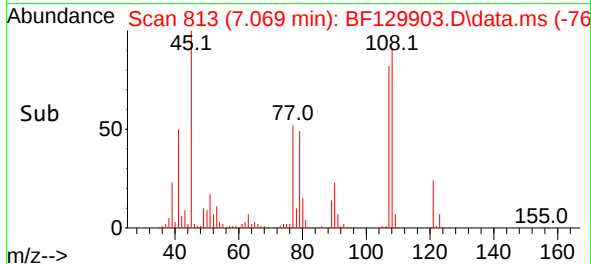
Instrument :
BNA_F
ClientSampleId :
PB146929BS



Tgt Ion:107 Resp: 32878
Ion Ratio Lower Upper
107 100
108 110.8 90.2 135.2
77 63.4 51.8 77.8
79 58.9 47.4 71.2

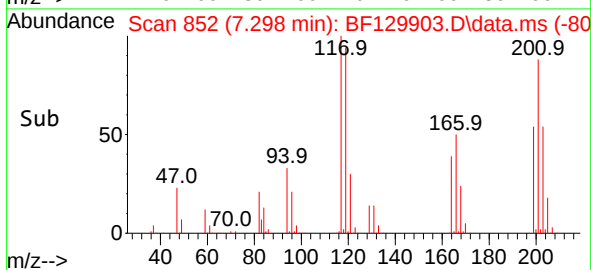
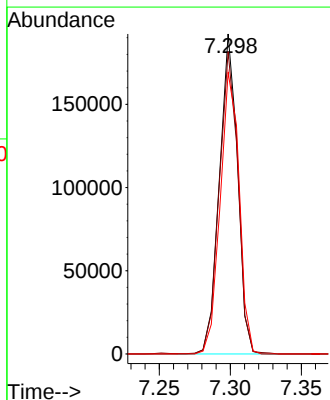
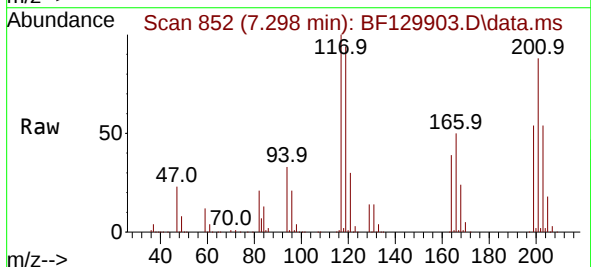
Manual Integrations
APPROVED

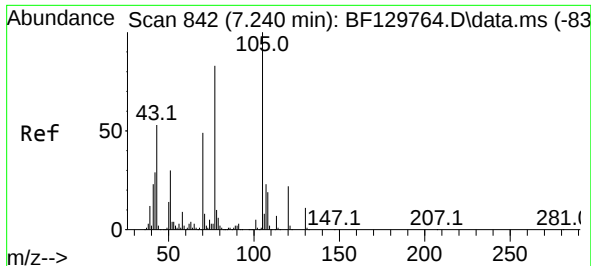
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#18
Hexachloroethane
Concen: 42.422 ng
RT: 7.298 min Scan# 852
Delta R.T. 0.000 min
Lab File: BF129903.D
Acq: 19 Aug 2022 10:14

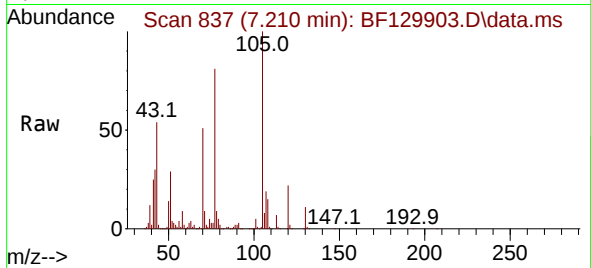
Tgt Ion:117 Resp: 170906
Ion Ratio Lower Upper
117 100
119 94.4 79.1 118.7
201 88.0 66.6 100.0





#19
n-Nitroso-di-n-propylamine
Concen: 41.535 ng
RT: 7.210 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF129903.D
Acq: 19 Aug 2022 10:14

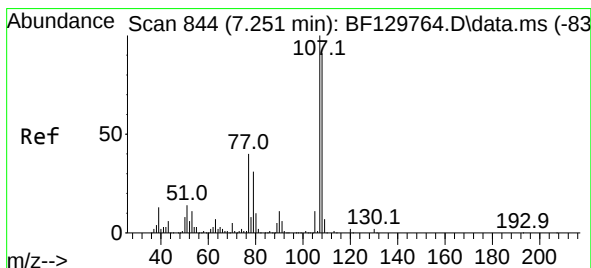
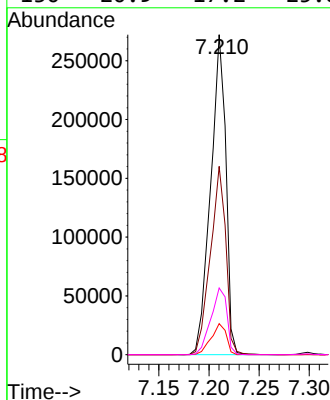
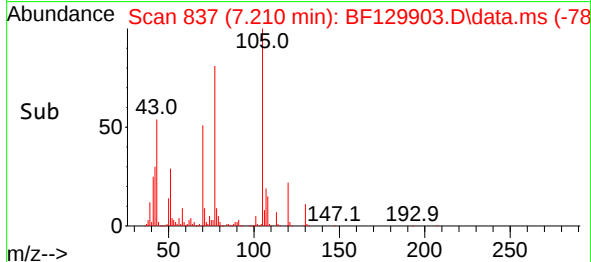
Instrument :
BNA_F
ClientSampleId :
PB146929BS



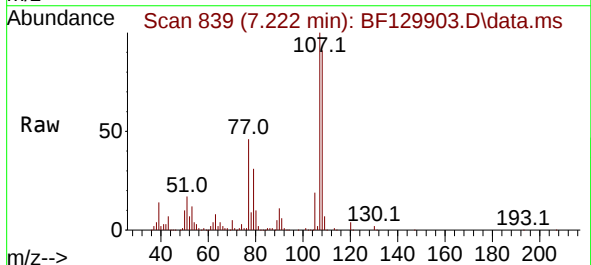
Tgt Ion: 70 Resp: 28722
Ion Ratio Lower Upper
70 100
42 58.9 47.6 71.4
101 9.7 8.1 12.1
130 20.9 17.2 25.8

Manual Integrations
APPROVED

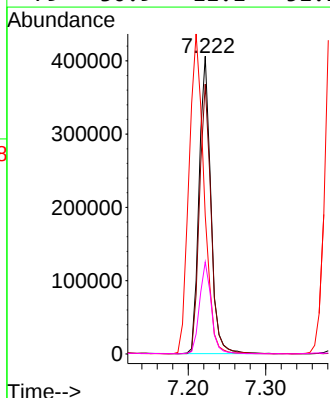
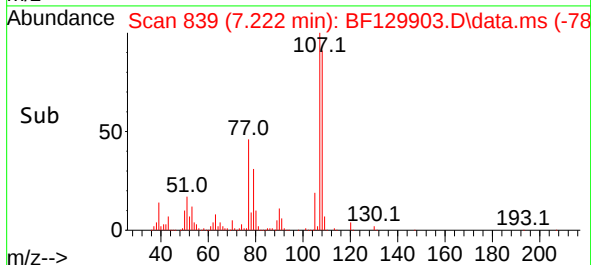
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

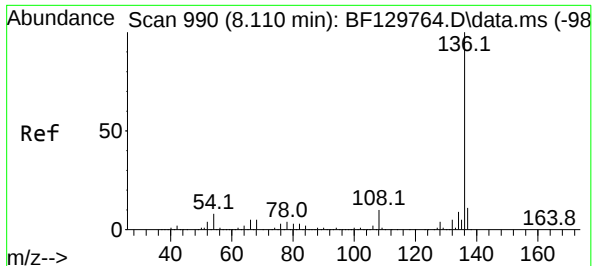


#20
3+4-Methylphenols
Concen: 40.613 ng
RT: 7.222 min Scan# 839
Delta R.T. 0.000 min
Lab File: BF129903.D
Acq: 19 Aug 2022 10:14



Tgt Ion:107 Resp: 425723
Ion Ratio Lower Upper
107 100
108 90.6 71.3 111.3
77 46.5 20.4 60.4
79 30.9 11.1 51.1





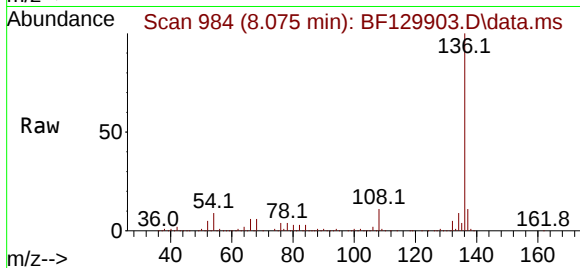
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129903.D
Acq: 19 Aug 2022 10:14

Instrument :

BNA_F

ClientSampleId :

PB146929BS

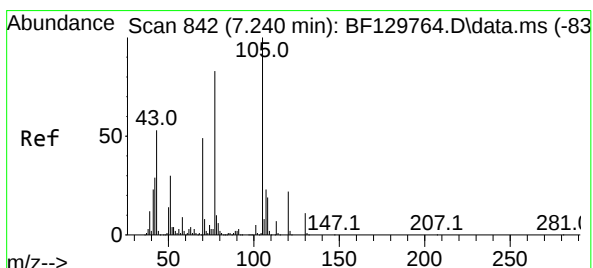
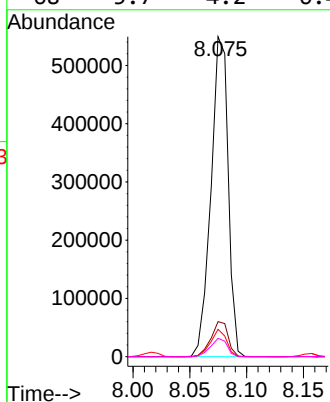
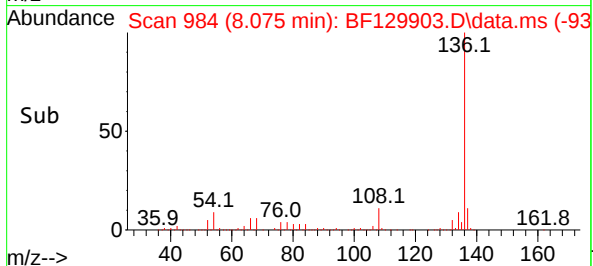


Tgt Ion:136 Resp: 580360
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 8.5 6.2 9.2
68 5.7 4.2 6.4

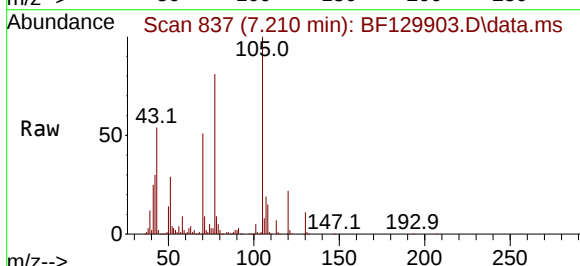
Manual Integrations

APPROVED

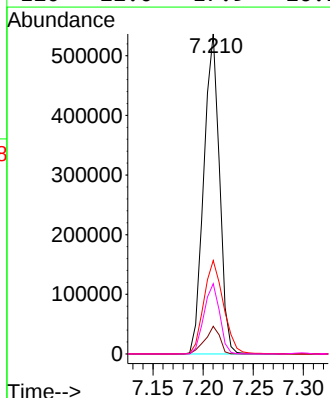
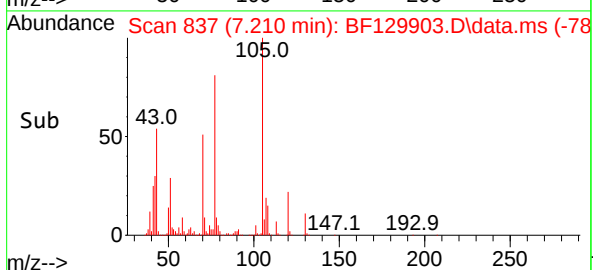
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

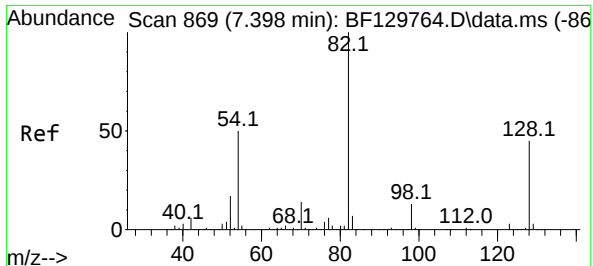


#22
Acetophenone
Concen: 41.593 ng
RT: 7.210 min Scan# 837
Delta R.T. 0.000 min
Lab File: BF129903.D
Acq: 19 Aug 2022 10:14



Tgt Ion:105 Resp: 588246
Ion Ratio Lower Upper
105 100
71 8.7 6.6 9.8
51 29.2 23.8 35.8
120 22.0 17.9 26.9





#23

Nitrobenzene-d5

Concen: 77.747 ng

RT: 7.369 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF129903.D

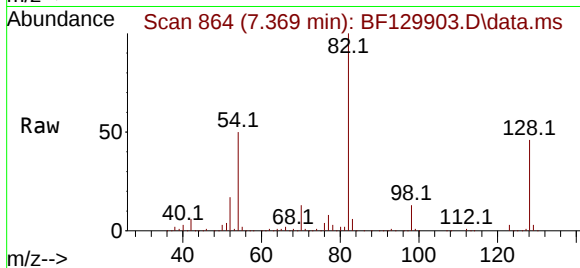
Acq: 19 Aug 2022 10:14

Instrument :

BNA_F

ClientSampleId :

PB146929BS



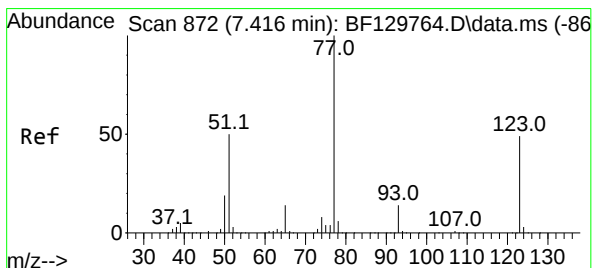
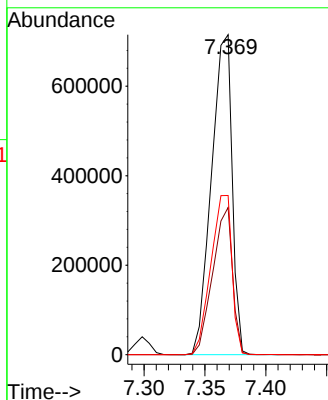
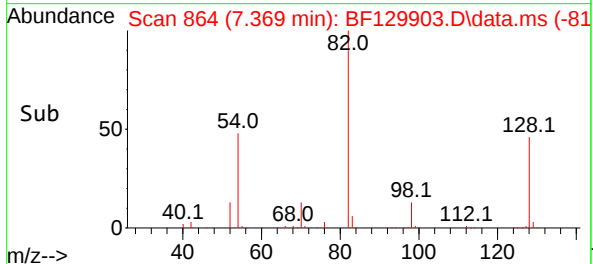
Tgt Ion: 82 Resp: 842884

Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.1	54.1
54	49.7	40.0	60.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#24

Nitrobenzene

Concen: 40.747 ng

RT: 7.387 min Scan# 867

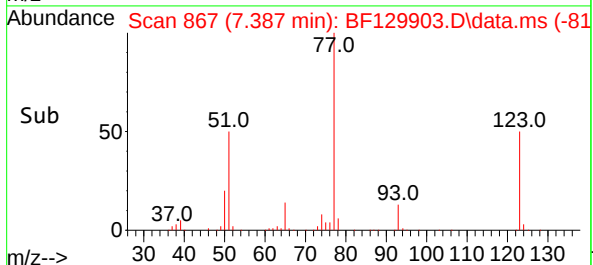
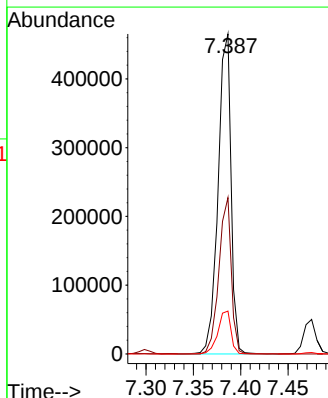
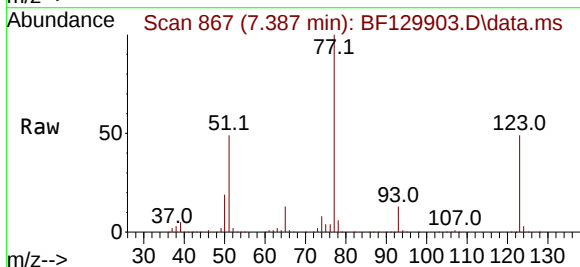
Delta R.T. 0.000 min

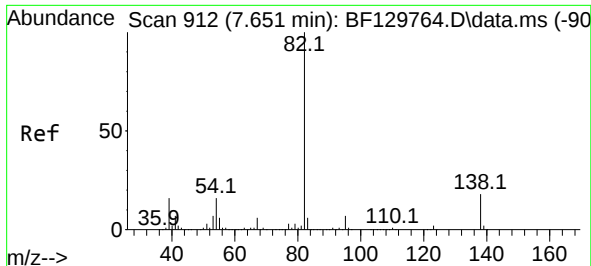
Lab File: BF129903.D

Acq: 19 Aug 2022 10:14

Tgt Ion: 77 Resp: 445448

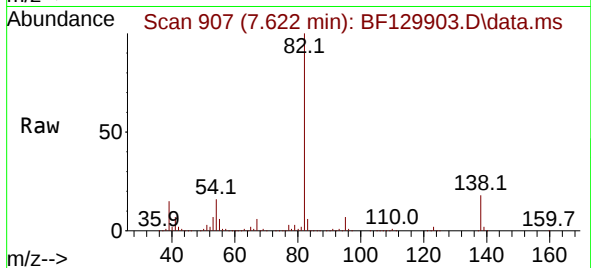
Ion	Ratio	Lower	Upper
77	100		
123	48.8	39.2	58.8
65	13.4	11.1	16.7





#25
Isophorone
Concen: 41.869 ng
RT: 7.622 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF129903.D
Acq: 19 Aug 2022 10:14

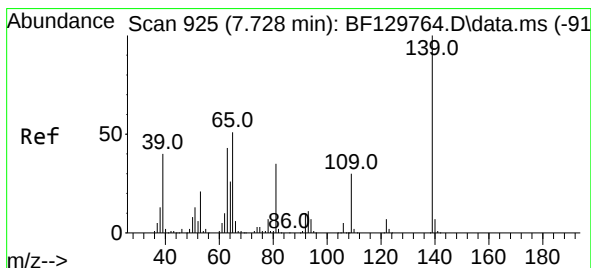
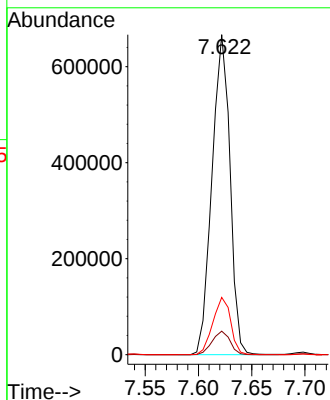
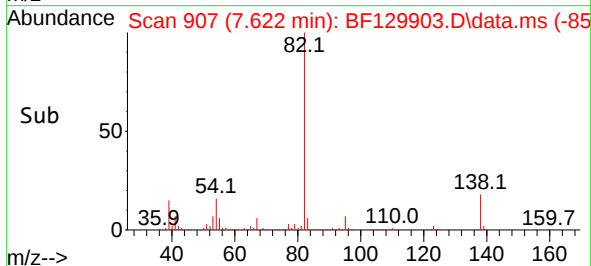
Instrument :
BNA_F
ClientSampleId :
PB146929BS



Tgt Ion: 82 Resp: 781254
Ion Ratio Lower Upper
82 100
95 7.3 5.9 8.9
138 17.9 14.6 21.8

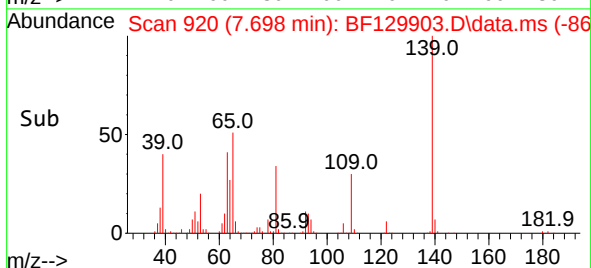
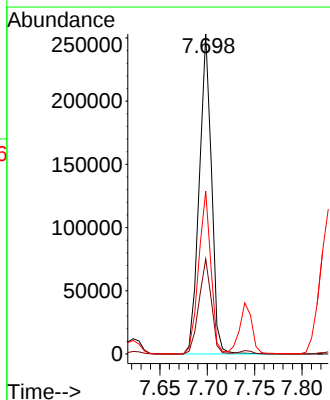
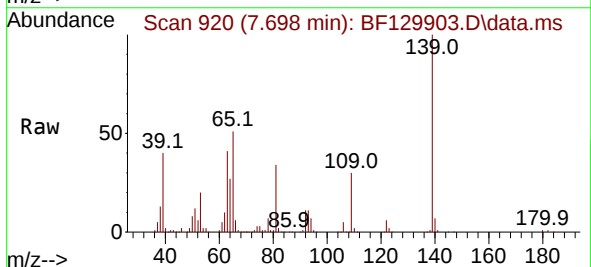
Manual Integrations
APPROVED

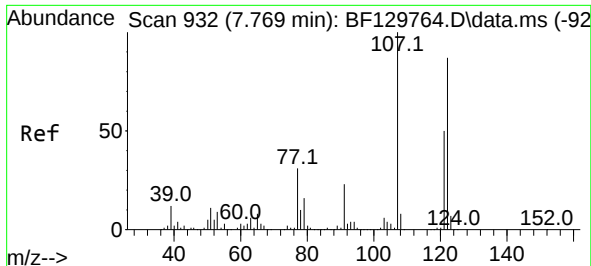
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#26
2-Nitrophenol
Concen: 42.462 ng
RT: 7.698 min Scan# 920
Delta R.T. 0.000 min
Lab File: BF129903.D
Acq: 19 Aug 2022 10:14

Tgt Ion:139 Resp: 228329
Ion Ratio Lower Upper
139 100
109 29.7 24.4 36.6
65 50.9 40.9 61.3





#27

2,4-Dimethylphenol

Concen: 45.835 ng

RT: 7.740 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF129903.D

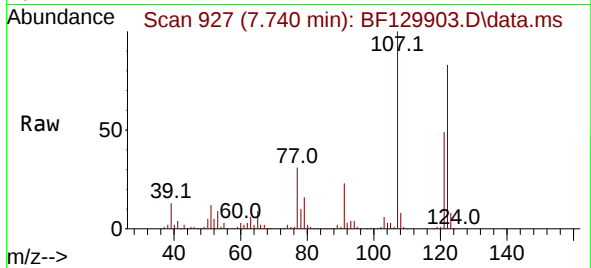
Acq: 19 Aug 2022 10:14

Instrument :

BNA_F

ClientSampleId :

PB146929BS



Tgt Ion: 122 Resp: 353462

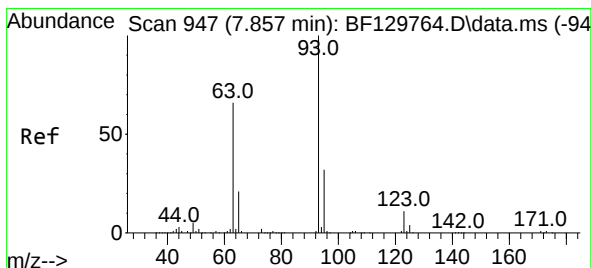
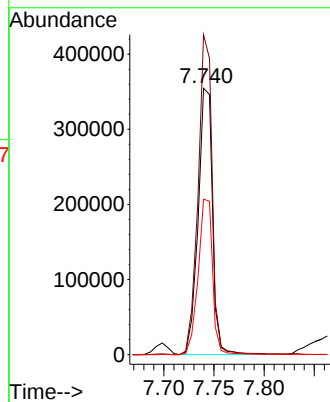
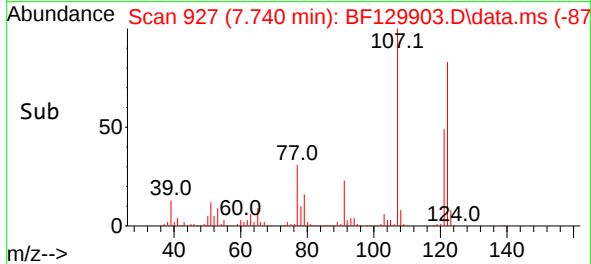
Ion	Ratio	Lower	Upper
122	100		
107	120.1	92.2	138.4
121	58.4	46.1	69.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/22/2022

Supervised By :Jagrut Upadhyay 08/22/2022



#28

bis(2-Chloroethoxy)methane

Concen: 43.246 ng

RT: 7.828 min Scan# 942

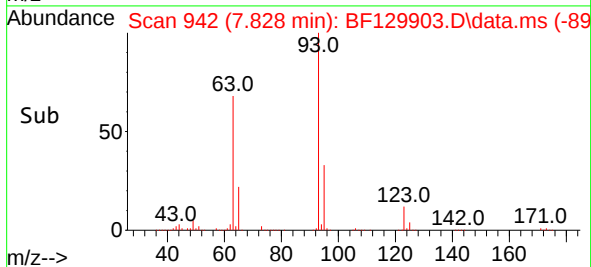
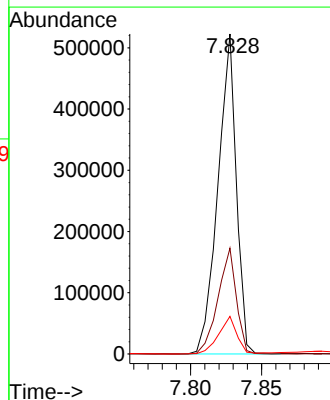
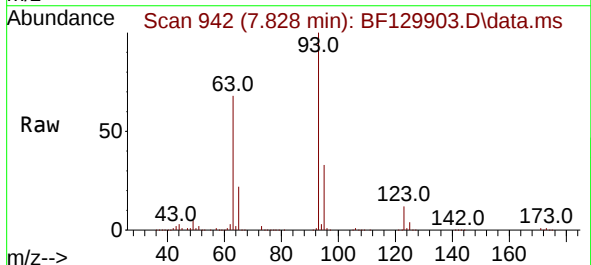
Delta R.T. 0.000 min

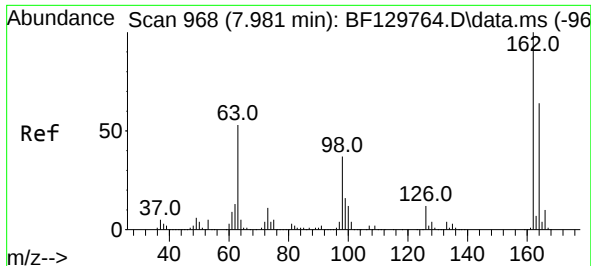
Lab File: BF129903.D

Acq: 19 Aug 2022 10:14

Tgt Ion: 93 Resp: 471167

Ion	Ratio	Lower	Upper
93	100		
95	33.1	25.6	38.4
123	11.8	9.0	13.4





#29

2,4-Dichlorophenol

Concen: 40.341 ng

RT: 7.951 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF129903.D

Acq: 19 Aug 2022 10:14

Instrument :

BNA_F

ClientSampleId :

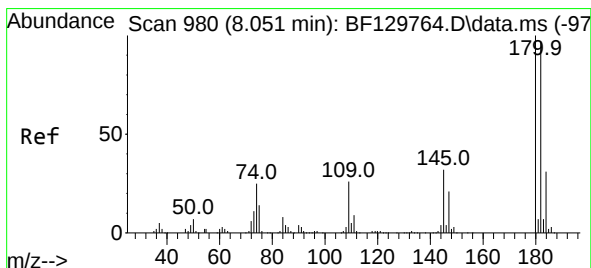
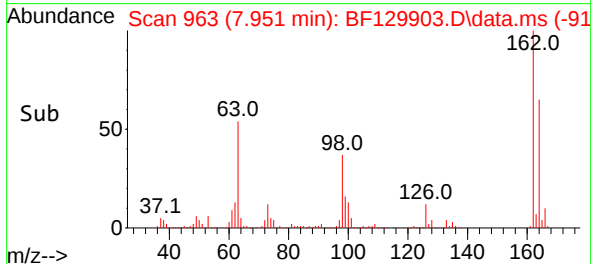
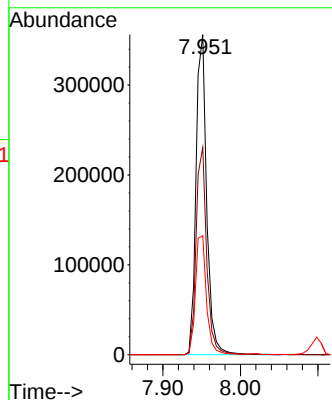
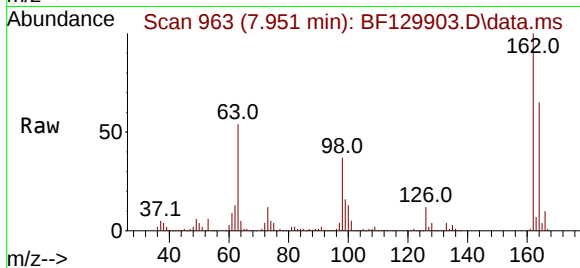
PB146929BS

Tgt Ion:	162	Resp:	340172
Ion Ratio	Lower	Upper	
162	100		
164	64.7	43.7	83.7
98	37.1	16.5	56.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#30

1,2,4-Trichlorobenzene

Concen: 39.241 ng

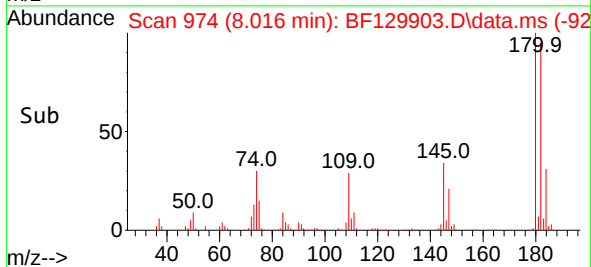
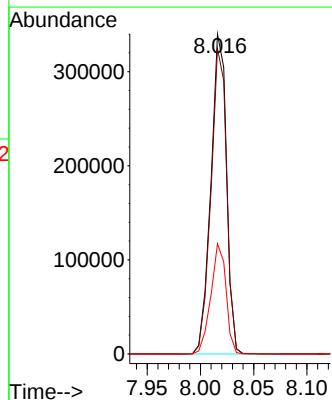
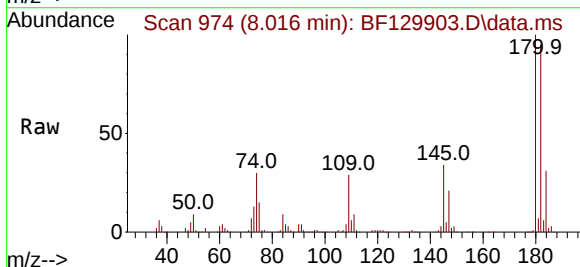
RT: 8.016 min Scan# 974

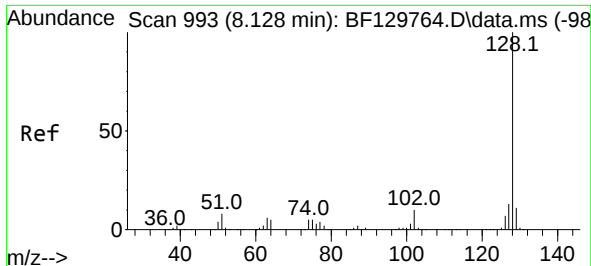
Delta R.T. -0.006 min

Lab File: BF129903.D

Acq: 19 Aug 2022 10:14

Tgt Ion:	180	Resp:	349078
Ion Ratio	Lower	Upper	
180	100		
182	95.4	77.6	116.4
145	34.5	25.6	38.4





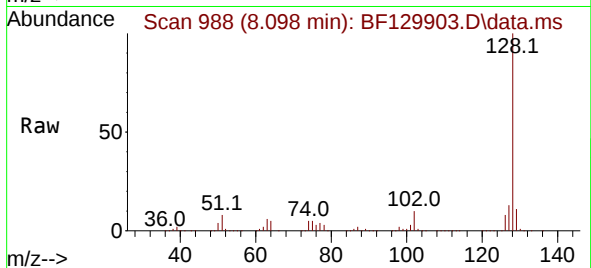
#31
Naphthalene
Concen: 39.251 ng
RT: 8.098 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF129903.D
Acq: 19 Aug 2022 10:14

Instrument :

BNA_F

ClientSampleId :

PB146929BS

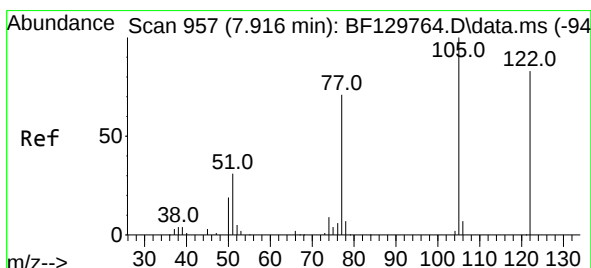
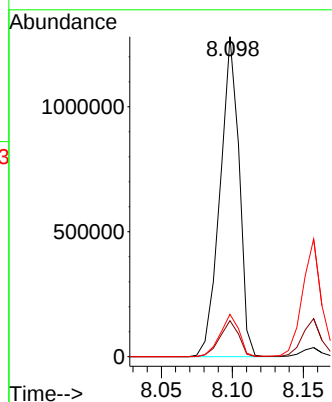
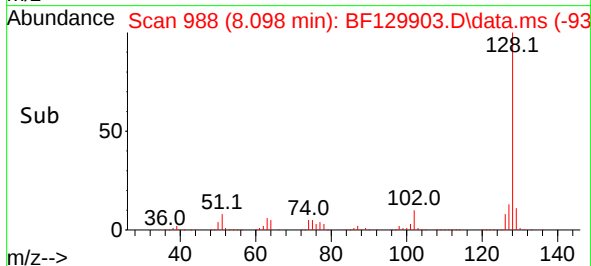


Tgt Ion:128 Resp: 1191072
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.2 10.7 16.1

Manual Integrations

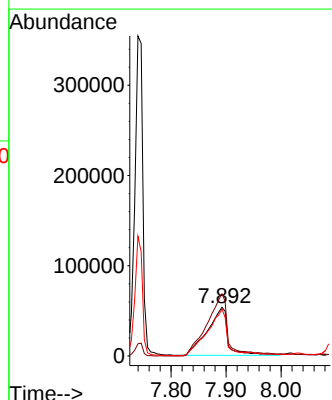
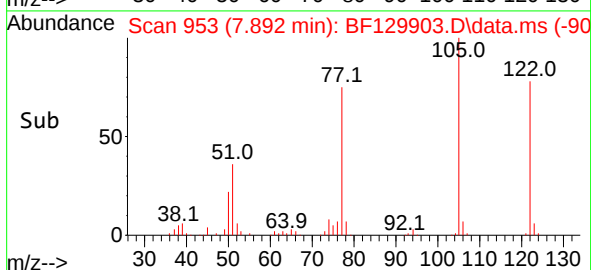
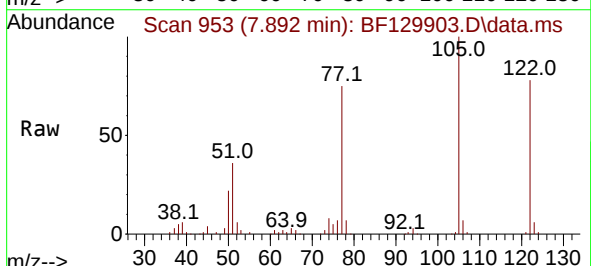
APPROVED

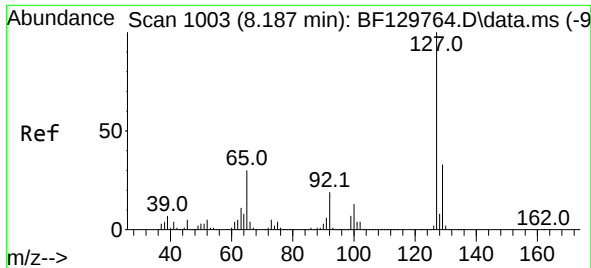
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#32
Benzoic acid
Concen: 42.063 ng
RT: 7.892 min Scan# 953
Delta R.T. 0.006 min
Lab File: BF129903.D
Acq: 19 Aug 2022 10:14

Tgt Ion:122 Resp: 139456
Ion Ratio Lower Upper
122 100
105 127.7 99.9 139.9
77 96.3 65.9 105.9





#33
4-Chloroaniline
Concen: 38.955 ng
RT: 8.157 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF129903.D
Acq: 19 Aug 2022 10:14

Instrument :

BNA_F

ClientSampleId :

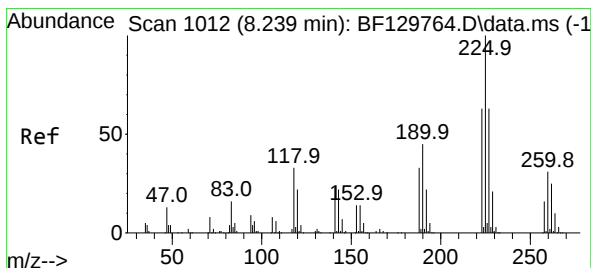
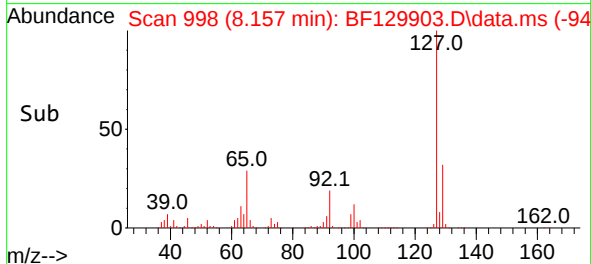
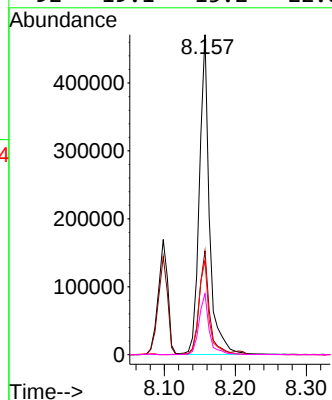
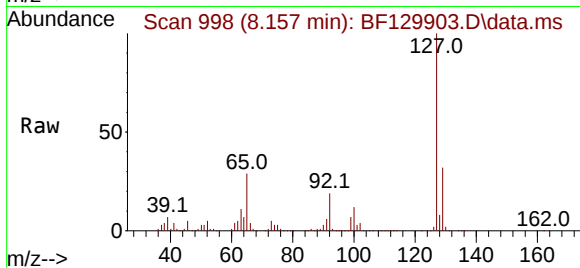
PB146929BS

Tgt Ion:127 Resp: 464850
Ion Ratio Lower Upper
127 100
129 32.4 26.7 40.1
65 29.4 24.2 36.2
92 19.1 15.2 22.8

Manual Integrations

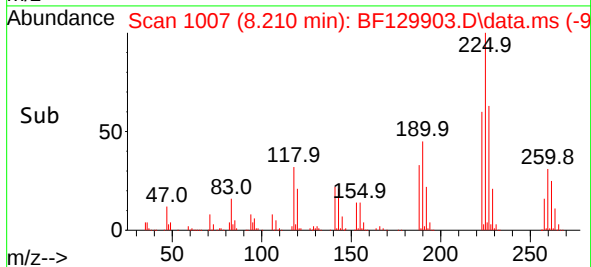
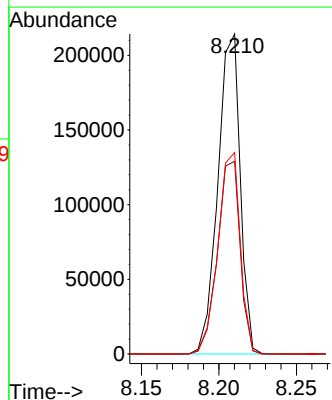
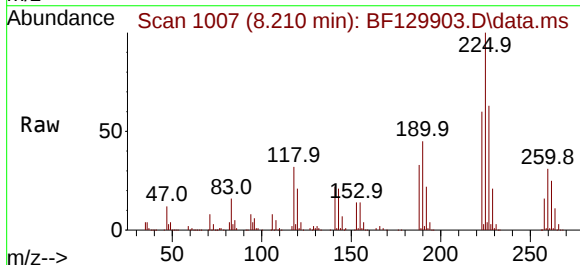
APPROVED

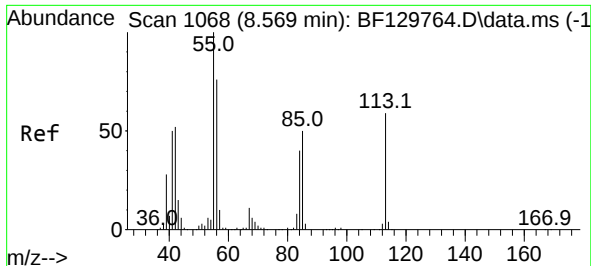
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#34
Hexachlorobutadiene
Concen: 39.701 ng
RT: 8.210 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BF129903.D
Acq: 19 Aug 2022 10:14

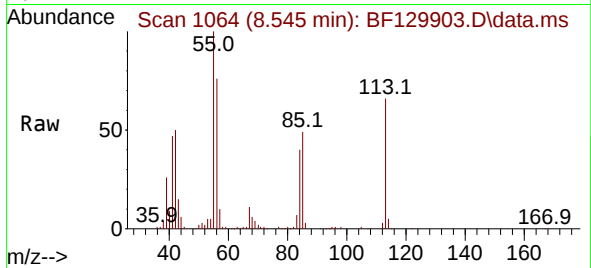
Tgt Ion:225 Resp: 215047
Ion Ratio Lower Upper
225 100
223 60.2 50.2 75.2
227 62.9 50.6 75.8





#35
 Caprolactam
 Concen: 41.815 ng m
 RT: 8.545 min Scan# 1064
 Delta R.T. 0.006 min
 Lab File: BF129903.D
 Acq: 19 Aug 2022 10:14

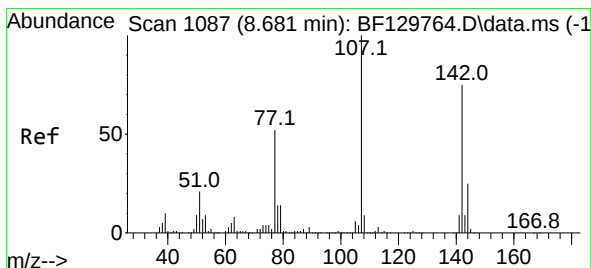
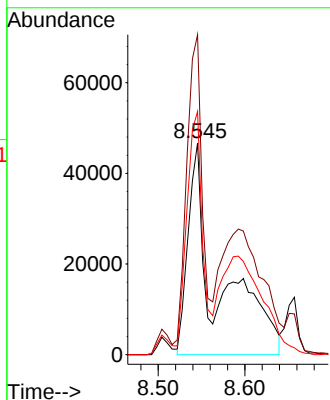
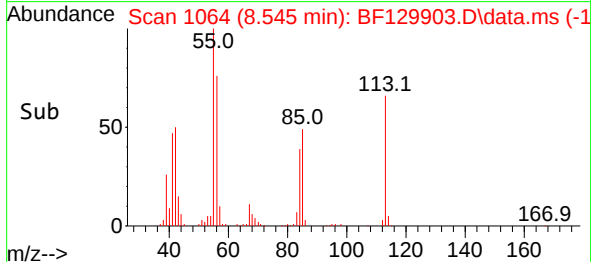
Instrument :
 BNA_F
 ClientSampleId :
 PB146929BS



Tgt Ion:113 Resp: 109650
 Ion Ratio Lower Upper
 113 100
 55 151.2 148.8 188.8
 56 114.9 109.1 149.1

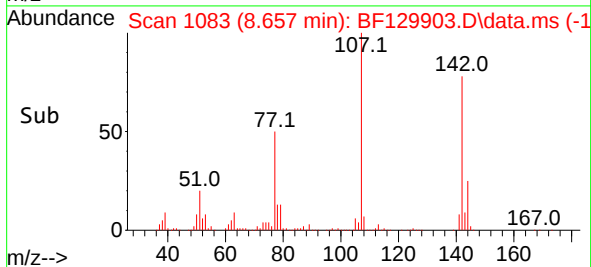
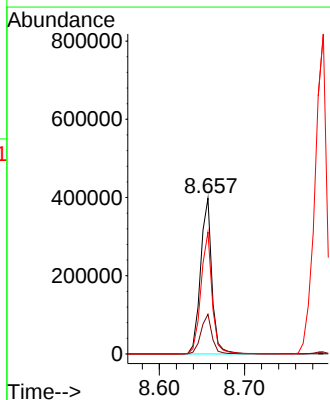
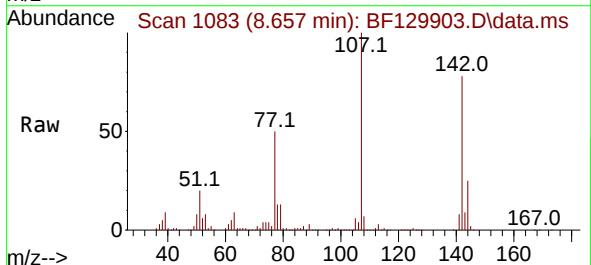
Manual Integrations
 APPROVED

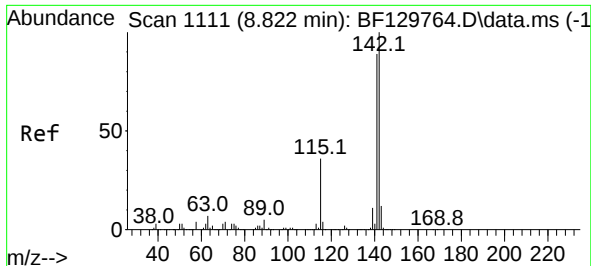
Reviewed By :Christian Giraldo 08/22/2022
 Supervised By :Jagrut Upadhyay 08/22/2022



#36
 4-Chloro-3-methylphenol
 Concen: 40.592 ng
 RT: 8.657 min Scan# 1083
 Delta R.T. 0.006 min
 Lab File: BF129903.D
 Acq: 19 Aug 2022 10:14

Tgt Ion:107 Resp: 369267
 Ion Ratio Lower Upper
 107 100
 144 25.4 19.9 29.9
 142 78.3 60.2 90.4





#37

2-Methylnaphthalene

Concen: 39.029 ng

RT: 8.792 min Scan# 1106

Delta R.T. 0.000 min

Lab File: BF129903.D

Acq: 19 Aug 2022 10:14

Instrument :

BNA_F

ClientSampleId :

PB146929BS

Tgt Ion:142 Resp: 777314

Ion Ratio Lower Upper

142 100

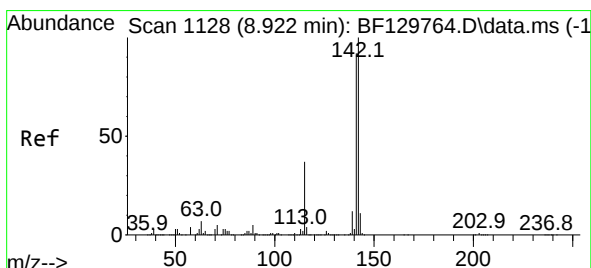
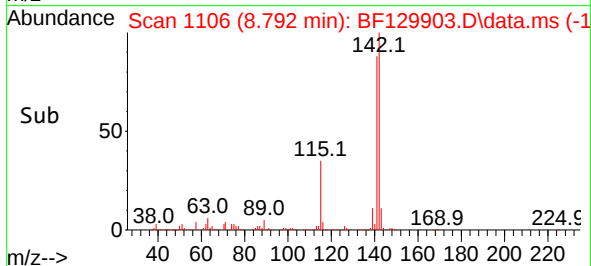
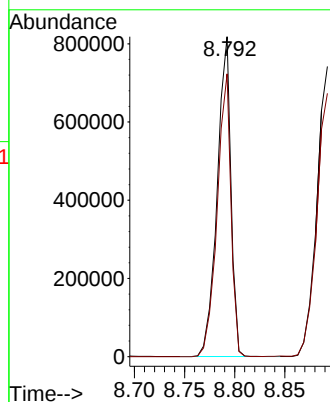
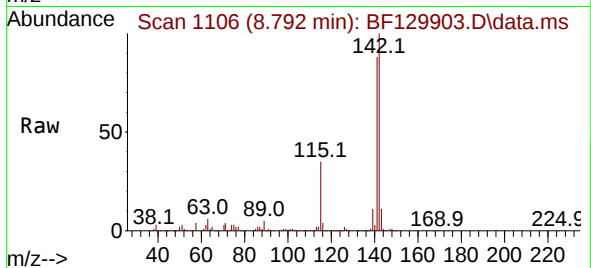
141 88.4 70.9 106.3

Manual Integrations

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Reviewed By :Christian Giraldo 08/22/2022

Supervised By :Jagrut Upadhyay 08/22/2022



#38

1-Methylnaphthalene

Concen: 38.519 ng

RT: 8.892 min Scan# 1123

Delta R.T. 0.000 min

Lab File: BF129903.D

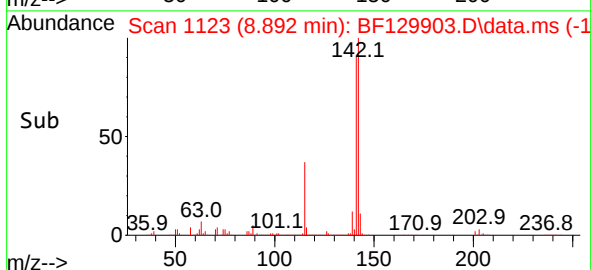
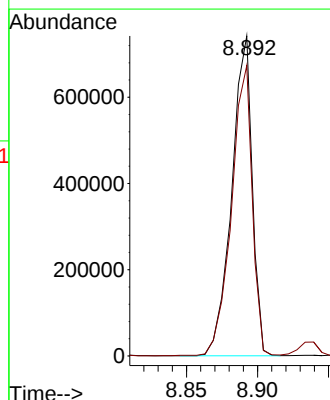
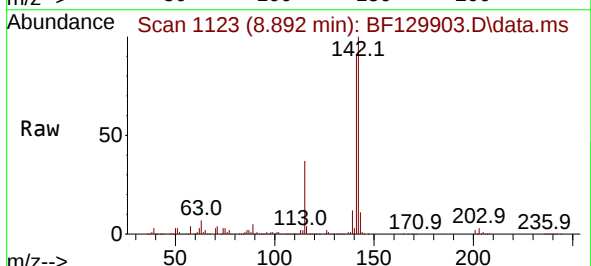
Acq: 19 Aug 2022 10:14

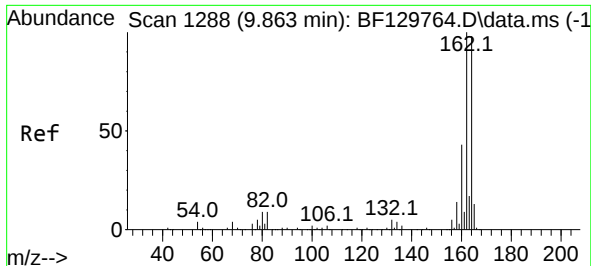
Tgt Ion:142 Resp: 745565

Ion Ratio Lower Upper

142 100

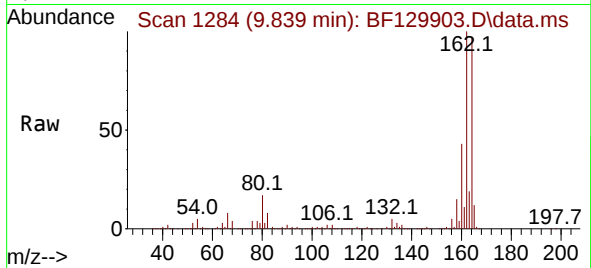
141 90.7 73.5 110.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1134
Delta R.T. 0.006 min
Lab File: BF129903.D
Acq: 19 Aug 2022 10:14

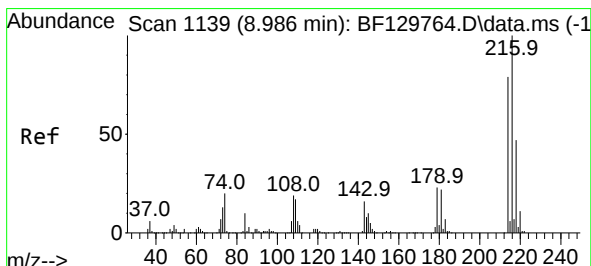
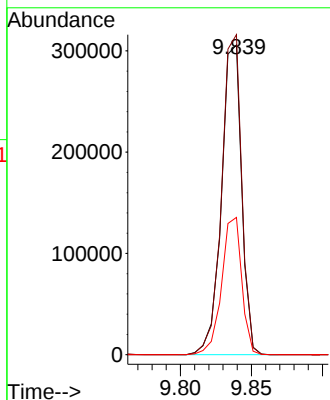
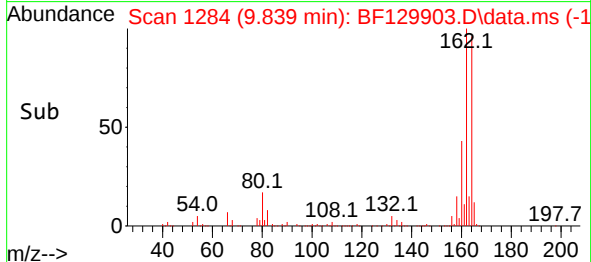
Instrument :
BNA_F
ClientSampleId :
PB146929BS



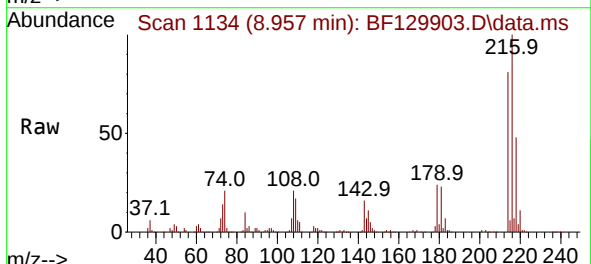
Tgt Ion:164 Resp: 301802
Ion Ratio Lower Upper
164 100
162 103.3 82.0 123.0
160 44.3 35.4 53.0

Manual Integrations
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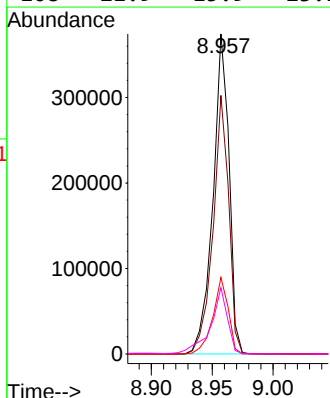
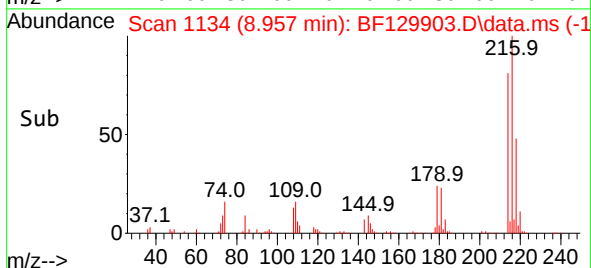
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

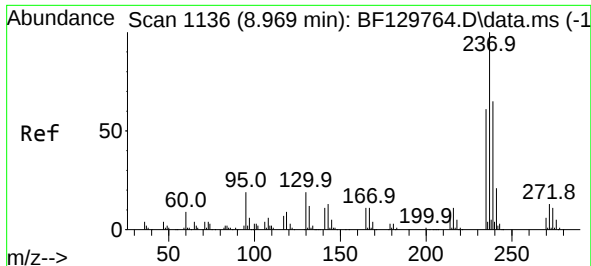


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.004 ng
RT: 8.957 min Scan# 1134
Delta R.T. 0.000 min
Lab File: BF129903.D
Acq: 19 Aug 2022 10:14



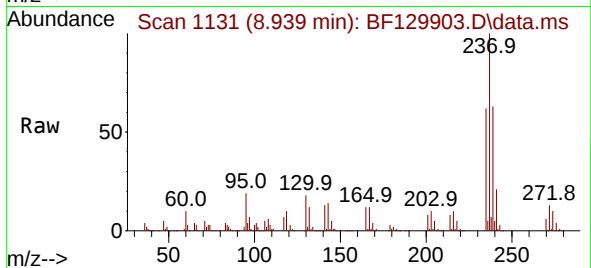
Tgt Ion:216 Resp: 344192
Ion Ratio Lower Upper
216 100
214 78.9 63.1 94.7
179 23.0 18.1 27.1
108 21.9 15.9 23.9





#41
Hexachlorocyclopentadiene
Concen: 82.535 ng
RT: 8.939 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BF129903.D
Acq: 19 Aug 2022 10:14

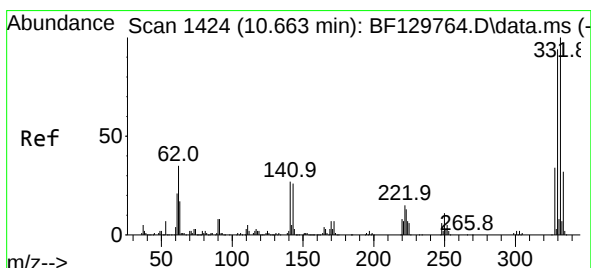
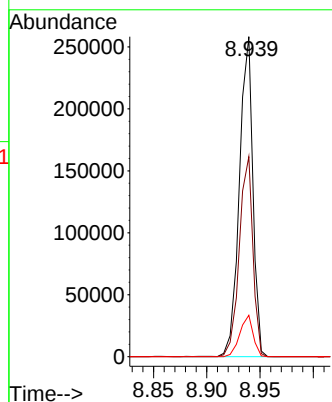
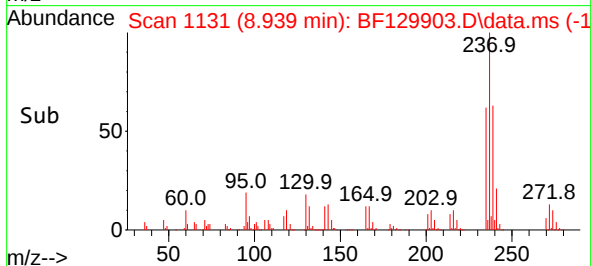
Instrument :
BNA_F
ClientSampleId :
PB146929BS



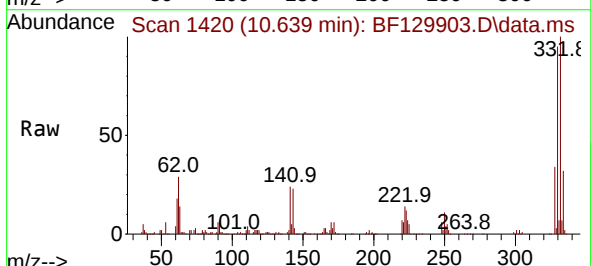
Tgt Ion:237 Resp: 228731
Ion Ratio Lower Upper
237 100
235 62.5 41.5 81.5
272 12.9 0.0 33.3

Manual Integrations
APPROVED

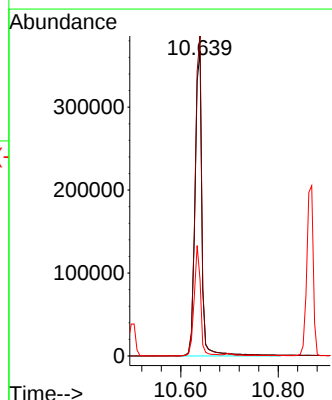
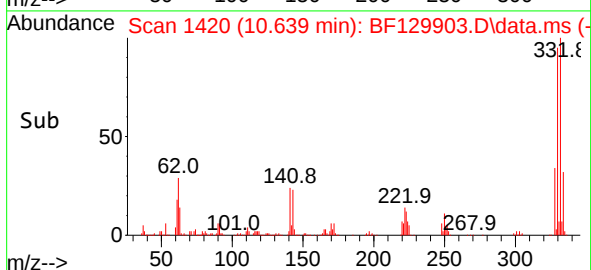
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

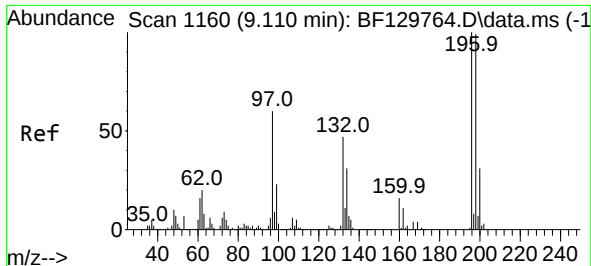


#42
2,4,6-Tribromophenol
Concen: 120.181 ng
RT: 10.639 min Scan# 1420
Delta R.T. 0.012 min
Lab File: BF129903.D
Acq: 19 Aug 2022 10:14



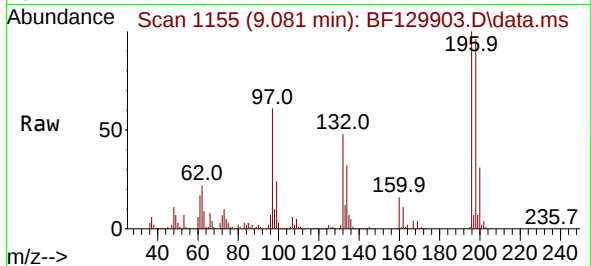
Tgt Ion:330 Resp: 364031
Ion Ratio Lower Upper
330 100
332 103.8 82.6 124.0
141 33.5 27.6 41.4





#43
2,4,6-Trichlorophenol
Concen: 39.308 ng
RT: 9.081 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF129903.D
Acq: 19 Aug 2022 10:14

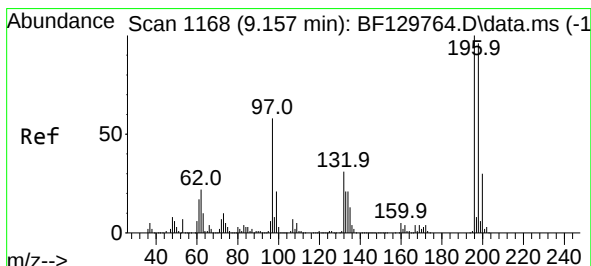
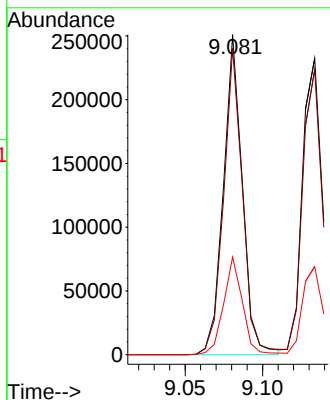
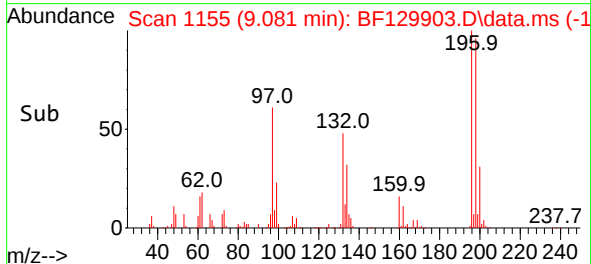
Instrument :
BNA_F
ClientSampleId :
PB146929BS



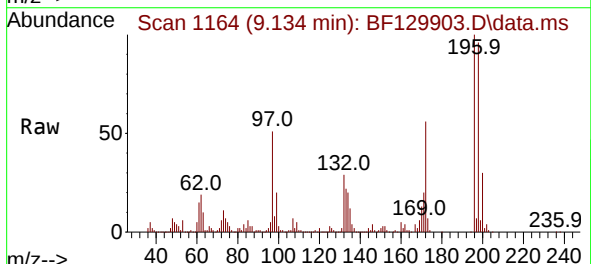
Tgt Ion:196 Resp: 21438
Ion Ratio Lower Upper
196 100
198 95.8 79.0 118.4
200 30.5 25.1 37.7

Manual Integrations
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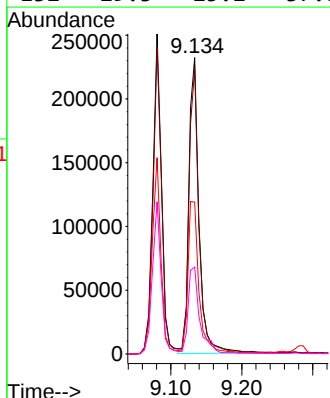
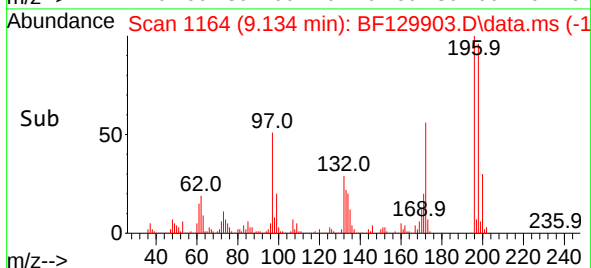
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

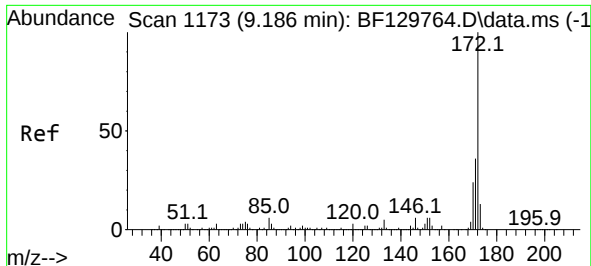


#44
2,4,5-Trichlorophenol
Concen: 39.396 ng
RT: 9.134 min Scan# 1164
Delta R.T. 0.006 min
Lab File: BF129903.D
Acq: 19 Aug 2022 10:14



Tgt Ion:196 Resp: 231161
Ion Ratio Lower Upper
196 100
198 96.2 76.4 114.6
97 51.3 46.5 69.7
132 29.3 25.2 37.8





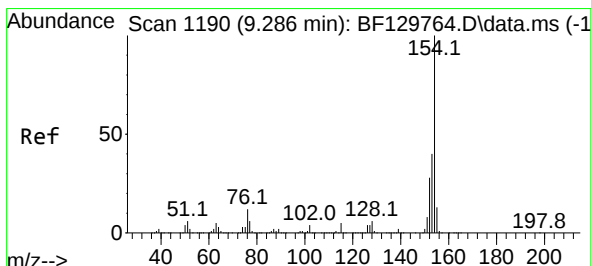
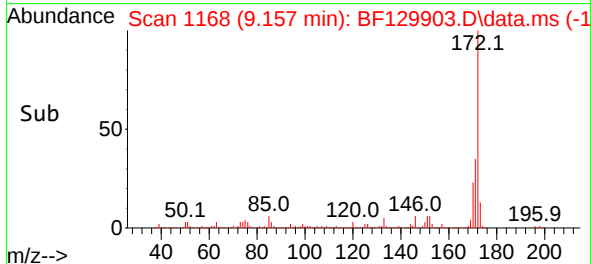
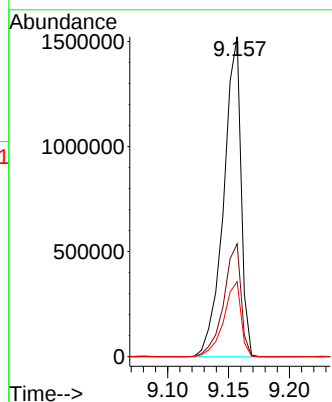
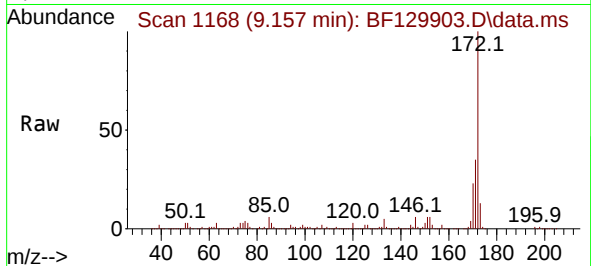
#45
2-Fluorobiphenyl
Concen: 76.084 ng
RT: 9.157 min Scan# 1168
Delta R.T. 0.006 min
Lab File: BF129903.D
Acq: 19 Aug 2022 10:14

Instrument :
BNA_F
ClientSampleId :
PB146929BS

Tgt Ion:172 Resp: 151186
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 23.5 19.1 28.7

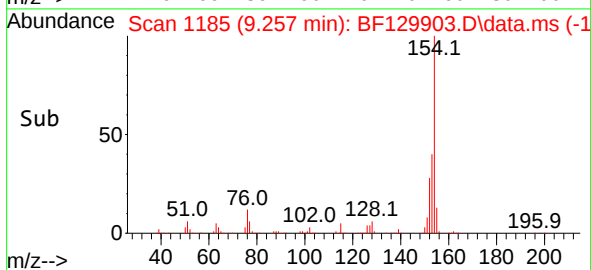
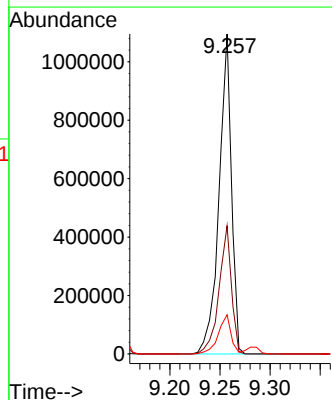
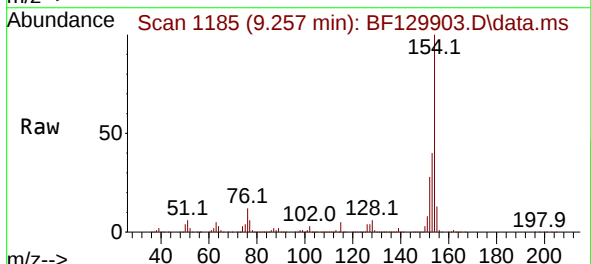
Manual Integrations
APPROVED

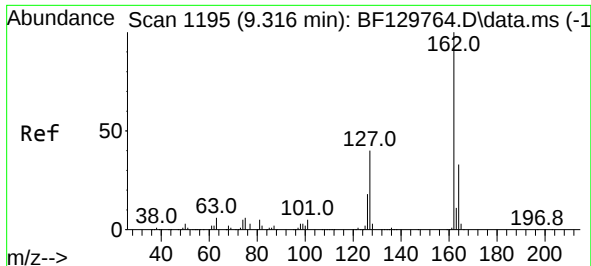
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#46
1,1'-Biphenyl
Concen: 41.101 ng
RT: 9.257 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BF129903.D
Acq: 19 Aug 2022 10:14

Tgt Ion:154 Resp: 942349
Ion Ratio Lower Upper
154 100
153 40.0 20.2 60.2
76 12.2 0.0 32.1





#47

2-Chloronaphthalene

Concen: 40.089 ng

RT: 9.286 min Scan# 1195

Delta R.T. 0.006 min

Lab File: BF129903.D

Acq: 19 Aug 2022 10:14

Instrument :

BNA_F

ClientSampleId :

PB146929BS

Tgt Ion:162 Resp: 727258

Ion Ratio Lower Upper

162 100

127 41.6 33.1 49.7

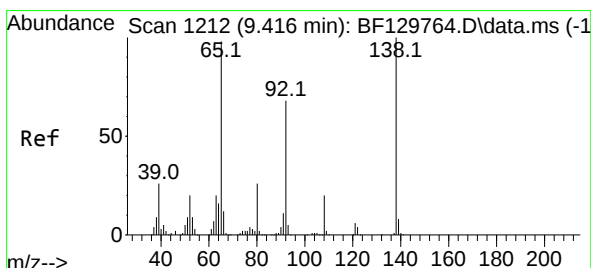
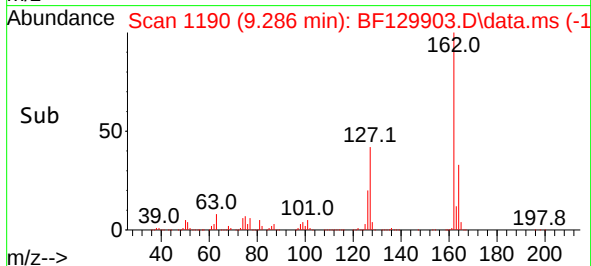
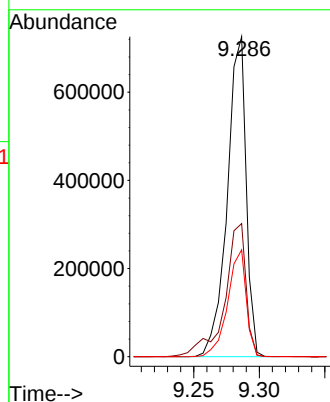
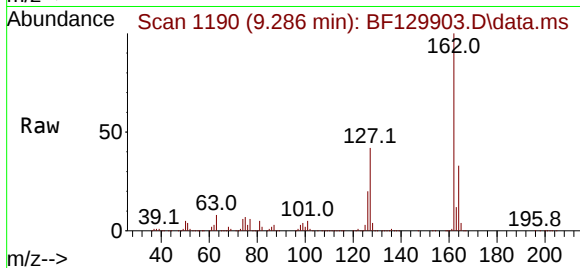
164 33.4 26.7 40.1

Manual Integrations

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Reviewed By :Christian Giraldo 08/22/2022

Supervised By :Jagrut Upadhyay 08/22/2022



#48

2-Nitroaniline

Concen: 41.777 ng

RT: 9.392 min Scan# 1208

Delta R.T. 0.006 min

Lab File: BF129903.D

Acq: 19 Aug 2022 10:14

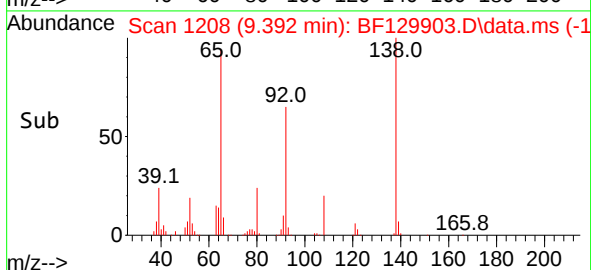
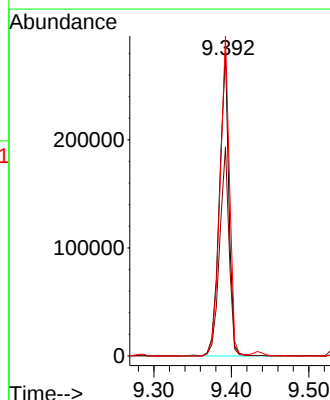
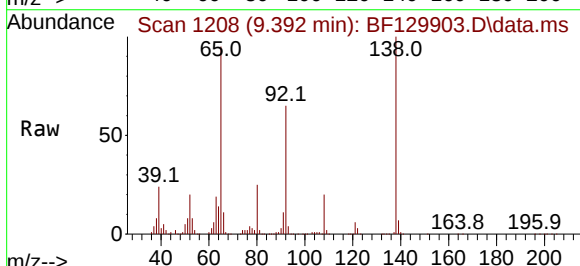
Tgt Ion: 65 Resp: 239508

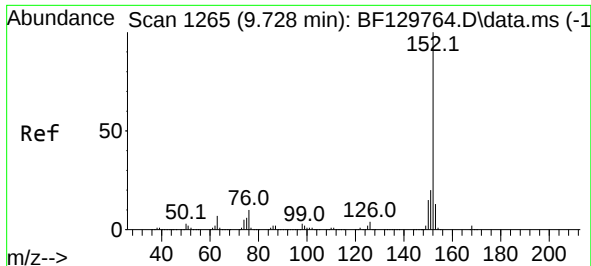
Ion Ratio Lower Upper

65 100

92 68.9 55.0 82.4

138 105.4 81.3 121.9





#49

Acenaphthylene

Concen: 39.751 ng

RT: 9.698 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF129903.D

Acq: 19 Aug 2022 10:14

Instrument :

BNA_F

ClientSampleId :

PB146929BS

Tgt Ion:152 Resp: 1093524

Ion Ratio Lower Upper

152 100

151 19.9 16.1 24.1

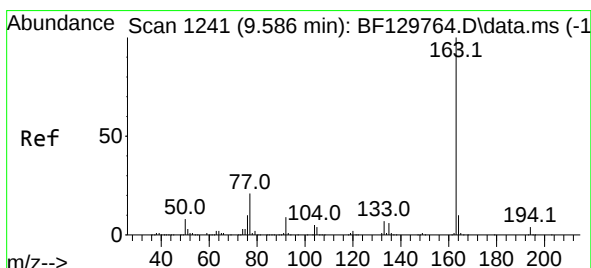
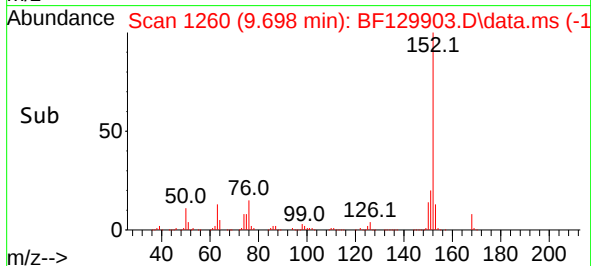
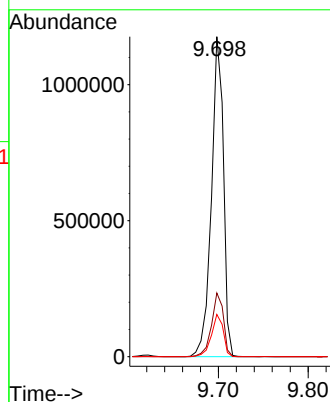
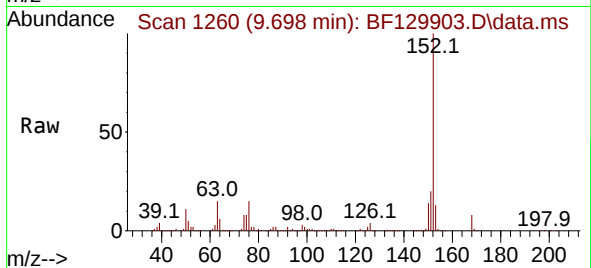
153 13.2 10.6 16.0

Manual Integrations

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Reviewed By :Christian Giraldo 08/22/2022

Supervised By :Jagrut Upadhyay 08/22/2022



#50

Dimethylphthalate

Concen: 38.395 ng

RT: 9.563 min Scan# 1237

Delta R.T. 0.006 min

Lab File: BF129903.D

Acq: 19 Aug 2022 10:14

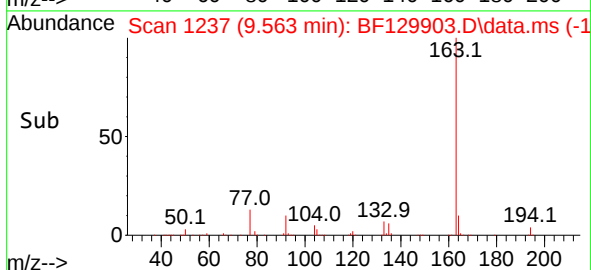
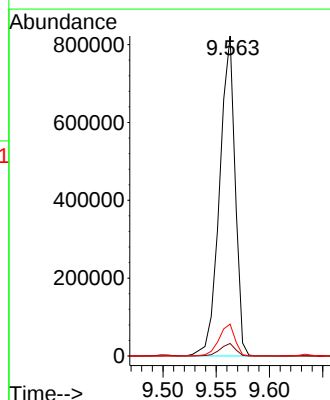
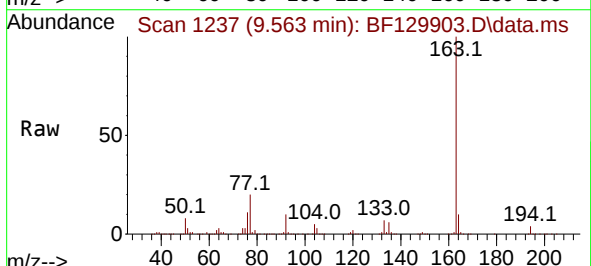
Tgt Ion:163 Resp: 830682

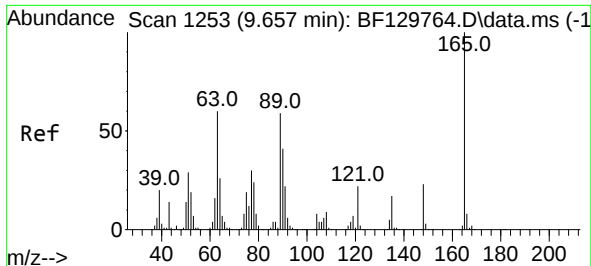
Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

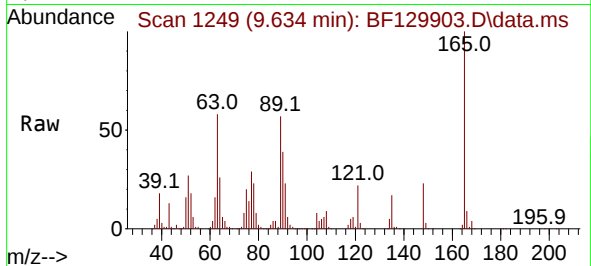
164 10.0 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 40.479 ng
RT: 9.634 min Scan# 1249
Delta R.T. 0.006 min
Lab File: BF129903.D
Acq: 19 Aug 2022 10:14

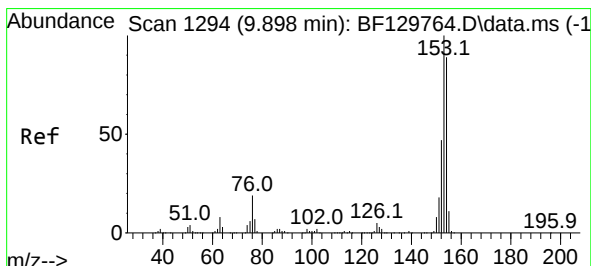
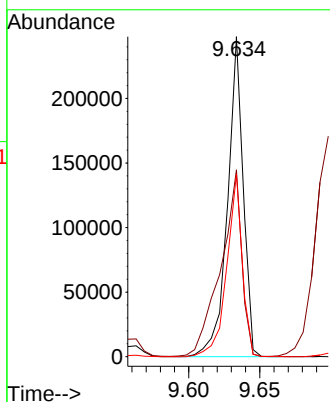
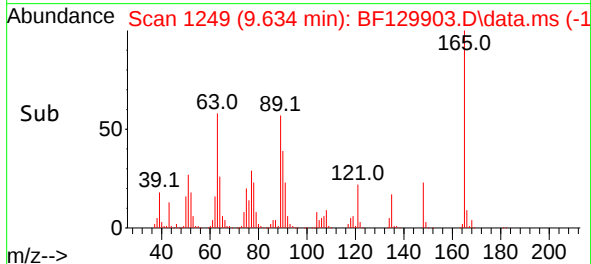
Instrument :
BNA_F
ClientSampleId :
PB146929BS



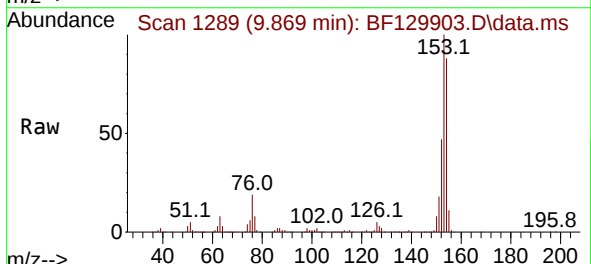
Tgt Ion:165 Resp: 189974
Ion Ratio Lower Upper
165 100
63 58.4 47.8 71.8
89 57.1 47.2 70.8

Manual Integrations
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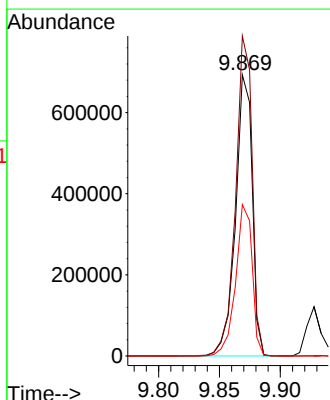
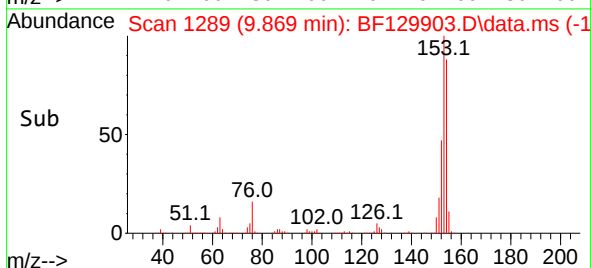
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

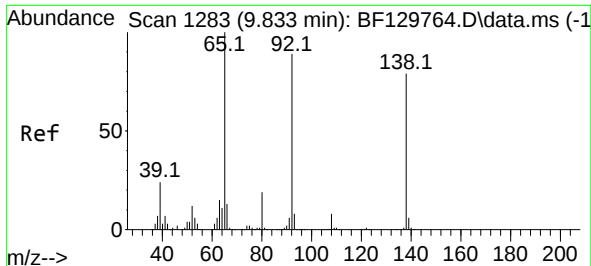


#52
Acenaphthene
Concen: 39.540 ng
RT: 9.869 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BF129903.D
Acq: 19 Aug 2022 10:14



Tgt Ion:154 Resp: 659923
Ion Ratio Lower Upper
154 100
153 113.8 89.8 134.6
152 53.8 42.1 63.1





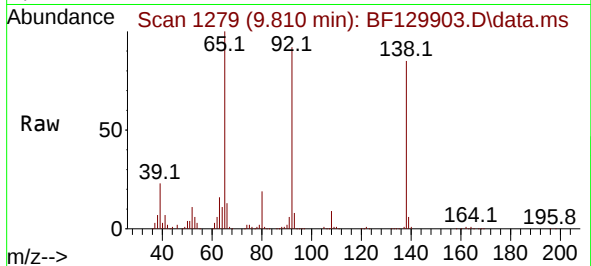
#53
3-Nitroaniline
Concen: 34.620 ng
RT: 9.810 min Scan# 1279
Delta R.T. 0.006 min
Lab File: BF129903.D
Acq: 19 Aug 2022 10:14

Instrument :

BNA_F

ClientSampleId :

PB146929BS

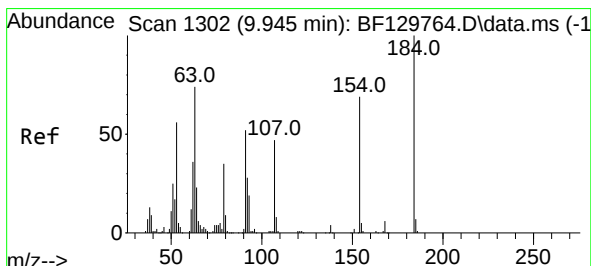
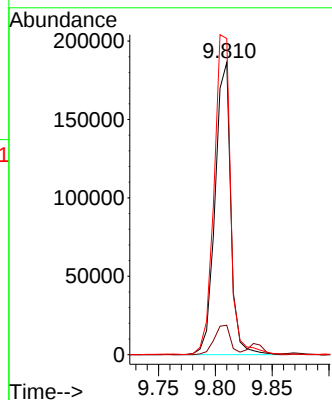
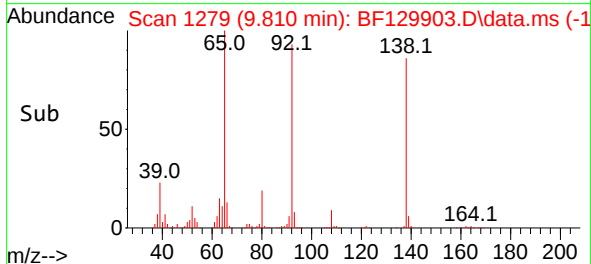


Tgt Ion:138 Resp: 17968
Ion Ratio Lower Upper
138 100
108 10.1 8.4 12.6
92 108.2 89.8 134.8

Manual Integrations

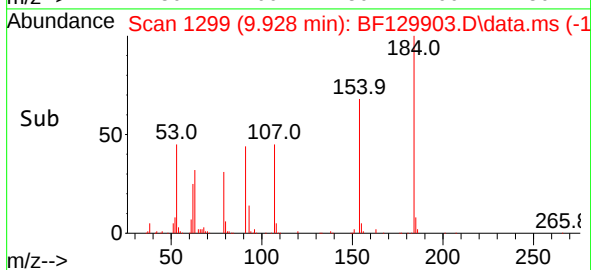
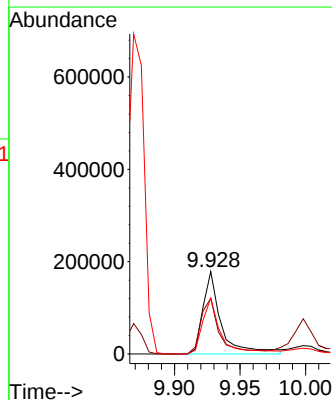
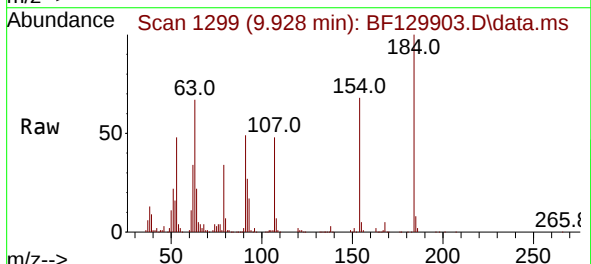
APPROVED

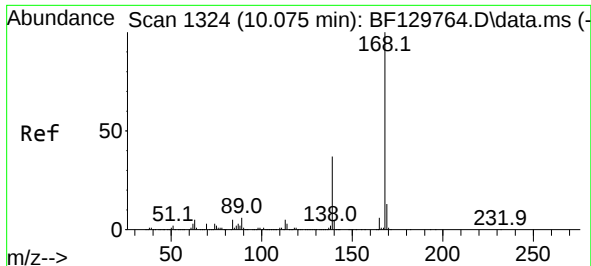
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#54
2,4-Dinitrophenol
Concen: 81.635 ng
RT: 9.928 min Scan# 1299
Delta R.T. 0.006 min
Lab File: BF129903.D
Acq: 19 Aug 2022 10:14

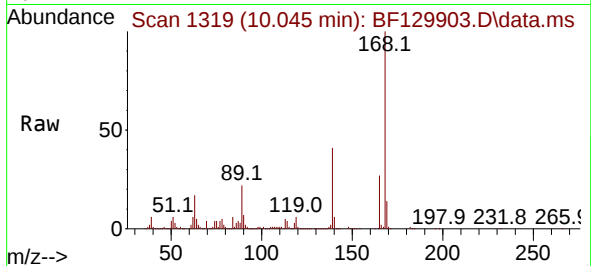
Tgt Ion:184 Resp: 173475
Ion Ratio Lower Upper
184 100
63 67.4 59.6 89.4
154 68.0 55.3 82.9





#55
Dibenzofuran
Concen: 39.387 ng
RT: 10.045 min Scan# 1319
Delta R.T. 0.006 min
Lab File: BF129903.D
Acq: 19 Aug 2022 10:14

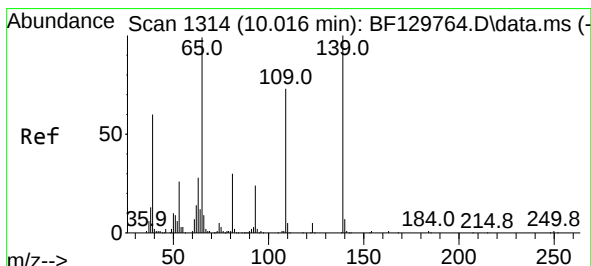
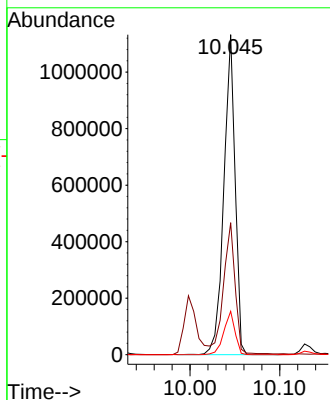
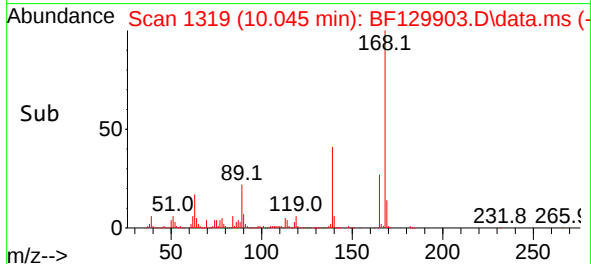
Instrument :
BNA_F
ClientSampleId :
PB146929BS



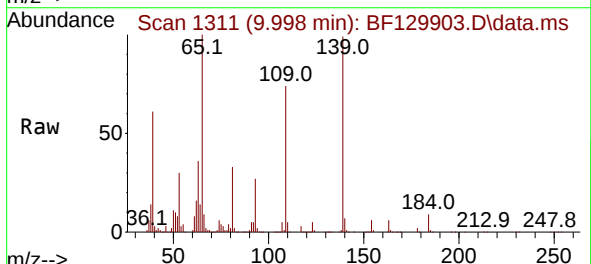
Tgt Ion:168 Resp: 987603
Ion Ratio Lower Upper
168 100
139 41.2 31.3 46.9
169 13.5 10.7 16.1

Manual Integrations
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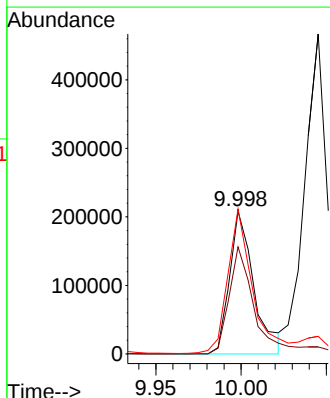
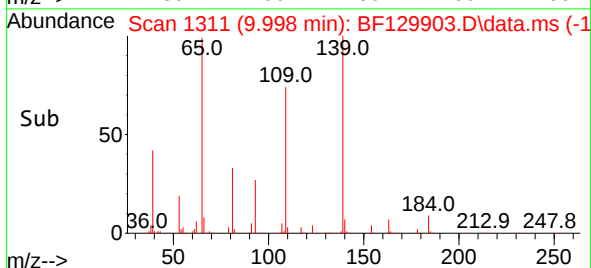
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

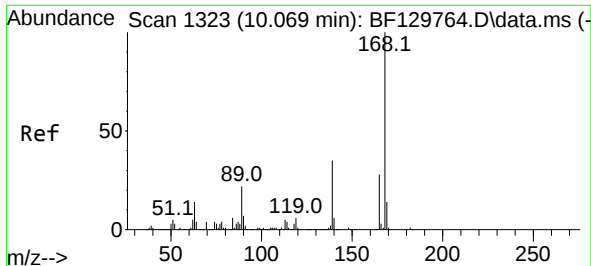


#56
4-Nitrophenol
Concen: 89.482 ng
RT: 9.998 min Scan# 1311
Delta R.T. 0.006 min
Lab File: BF129903.D
Acq: 19 Aug 2022 10:14



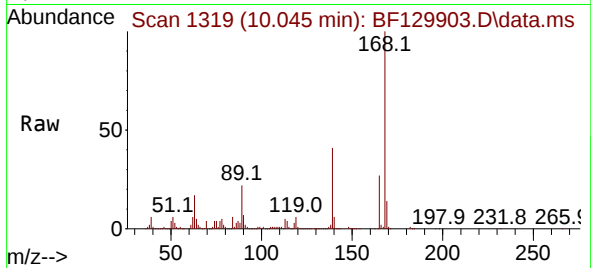
Tgt Ion:139 Resp: 206613
Ion Ratio Lower Upper
139 100
109 74.9 52.9 92.9
65 101.5 79.5 119.5





#57
2,4-Dinitrotoluene
Concen: 40.605 ng
RT: 10.045 min Scan# 1319
Delta R.T. 0.006 min
Lab File: BF129903.D
Acq: 19 Aug 2022 10:14

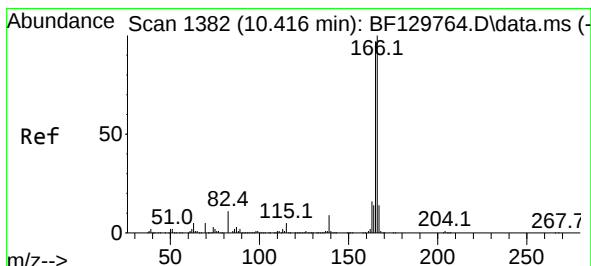
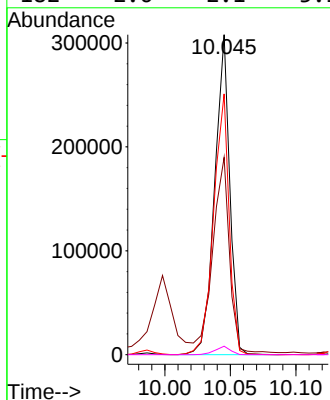
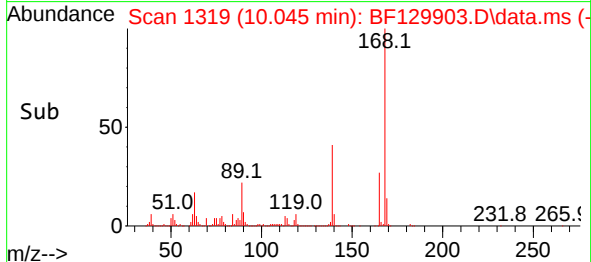
Instrument :
BNA_F
ClientSampleId :
PB146929BS



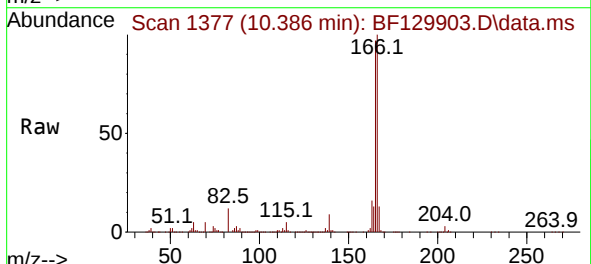
Tgt Ion:165 Resp: 247380
Ion Ratio Lower Upper
165 100
63 61.7 48.4 72.6
89 81.5 62.3 93.5
182 2.6 2.1 3.1

Manual Integrations
APPROVED

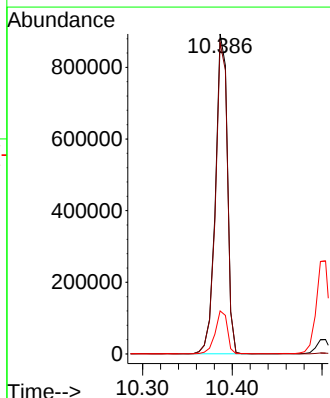
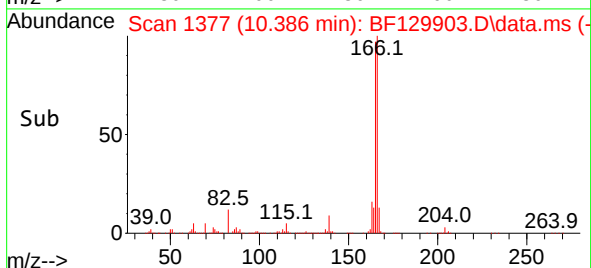
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

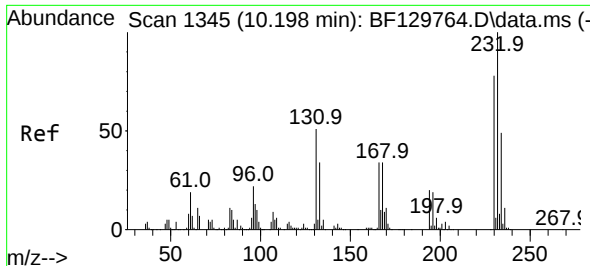


#58
Fluorene
Concen: 39.305 ng
RT: 10.386 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF129903.D
Acq: 19 Aug 2022 10:14



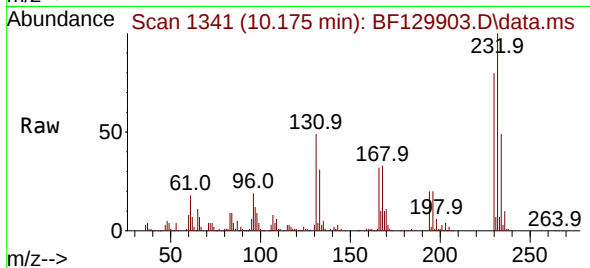
Tgt Ion:166 Resp: 822890
Ion Ratio Lower Upper
166 100
165 97.3 77.9 116.9
167 13.5 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 38.777 ng
RT: 10.175 min Scan# 1341
Delta R.T. 0.006 min
Lab File: BF129903.D
Acq: 19 Aug 2022 10:14

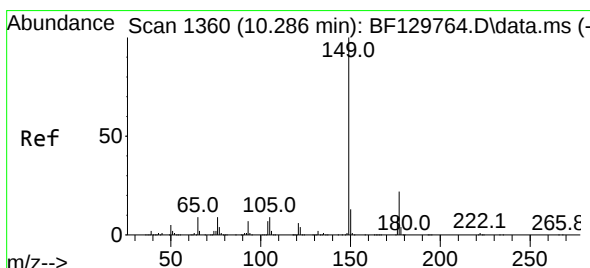
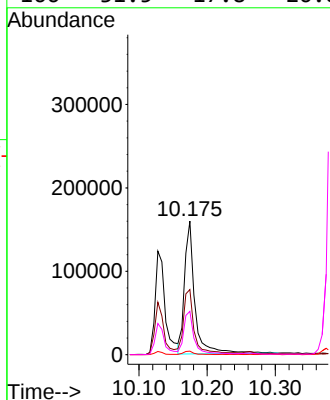
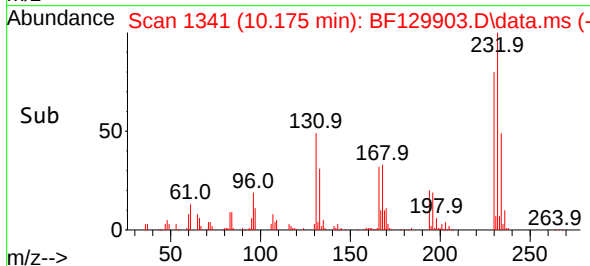
Instrument :
BNA_F
ClientSampleId :
PB146929BS



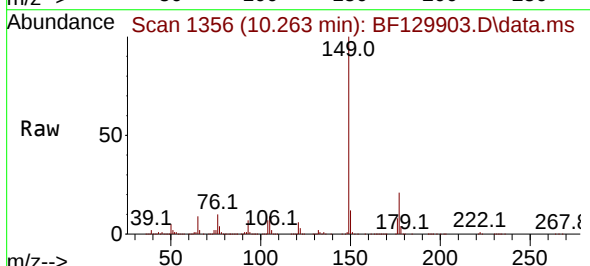
Tgt Ion:232 Resp: 166974
Ion Ratio Lower Upper
232 100
131 51.8 29.9 44.9
130 2.7 1.5 2.3
166 31.5 17.8 26.8

Manual Integrations
APPROVED

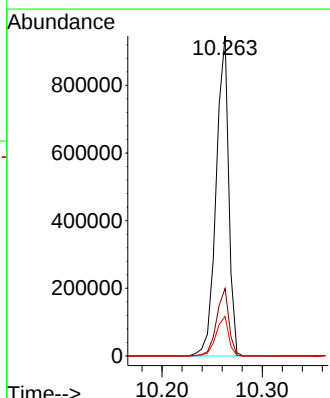
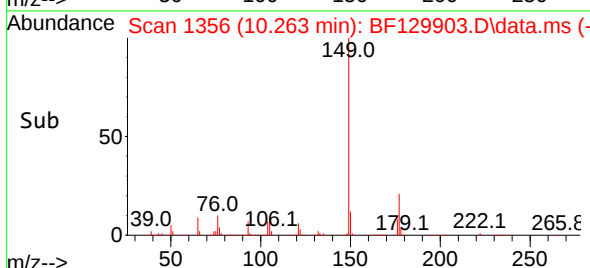
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

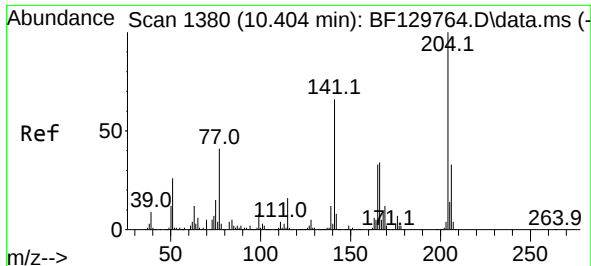


#60
Diethylphthalate
Concen: 37.994 ng
RT: 10.263 min Scan# 1356
Delta R.T. 0.006 min
Lab File: BF129903.D
Acq: 19 Aug 2022 10:14



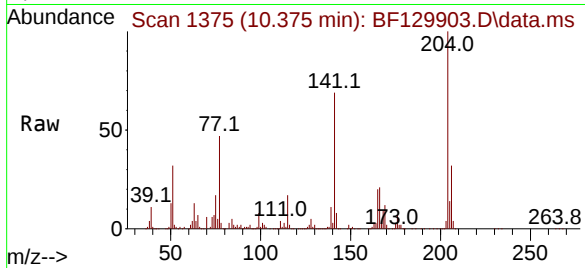
Tgt Ion:149 Resp: 819626
Ion Ratio Lower Upper
149 100
177 21.1 17.7 26.5
150 12.4 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 39.361 ng
RT: 10.375 min Scan# 1375
Delta R.T. 0.000 min
Lab File: BF129903.D
Acq: 19 Aug 2022 10:14

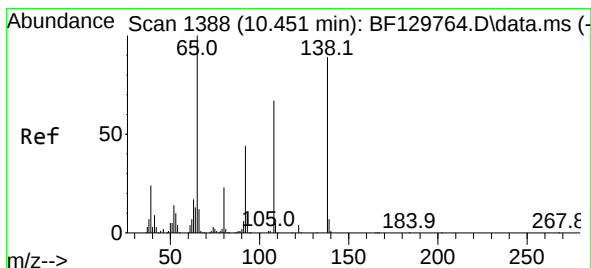
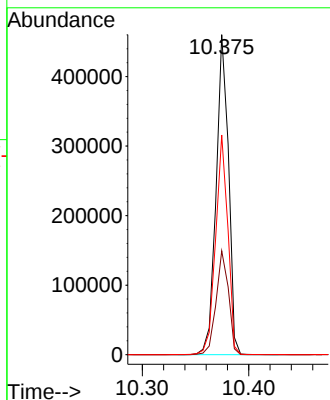
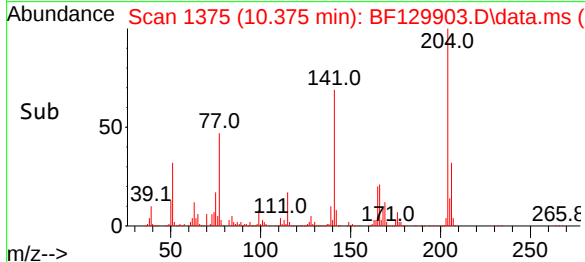
Instrument :
BNA_F
ClientSampleId :
PB146929BS



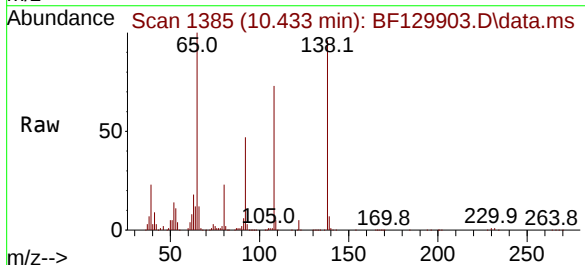
Tgt Ion:204 Resp: 369810
Ion Ratio Lower Upper
204 100
206 32.4 26.5 39.7
141 68.6 52.6 79.0

Manual Integrations
APPROVED

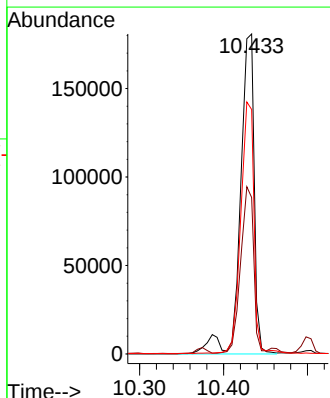
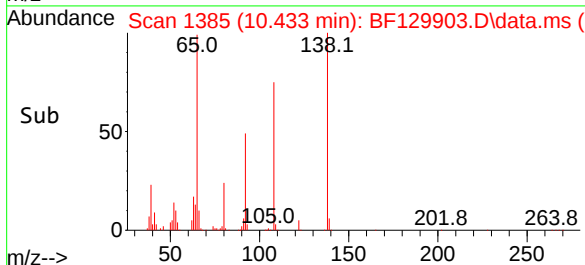
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

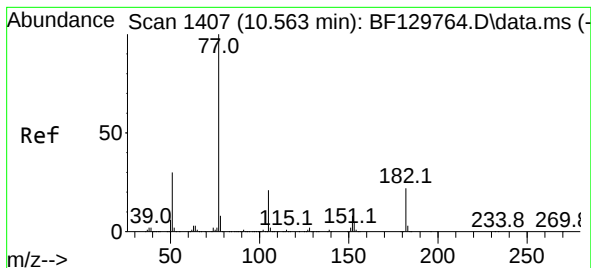


#62
4-Nitroaniline
Concen: 39.803 ng m
RT: 10.433 min Scan# 1385
Delta R.T. 0.012 min
Lab File: BF129903.D
Acq: 19 Aug 2022 10:14



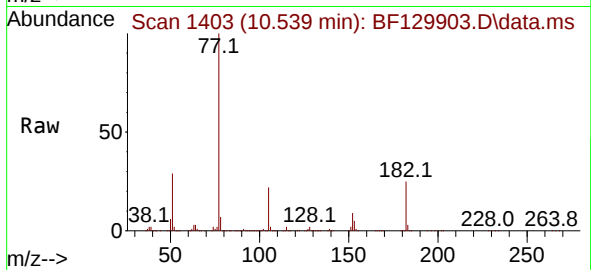
Tgt Ion:138 Resp: 208407
Ion Ratio Lower Upper
138 100
92 48.9 30.3 70.3
108 76.4 55.7 95.7





#63
Azobenzene
Concen: 38.948 ng
RT: 10.539 min Scan# 1407
Delta R.T. 0.006 min
Lab File: BF129903.D
Acq: 19 Aug 2022 10:14

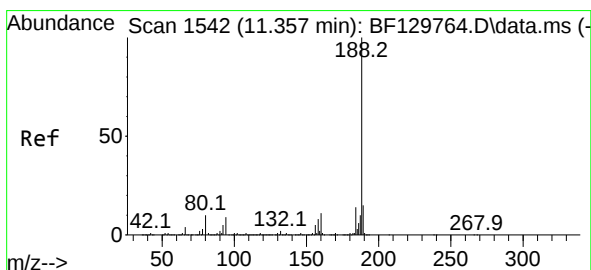
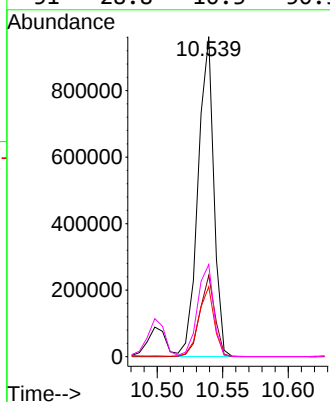
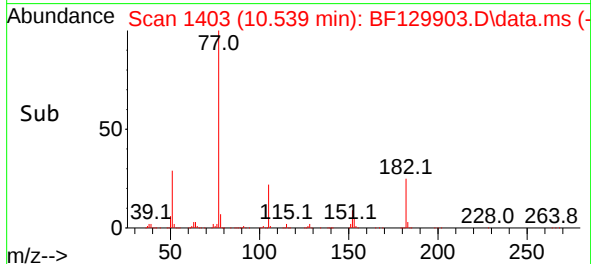
Instrument :
BNA_F
ClientSampleId :
PB146929BS



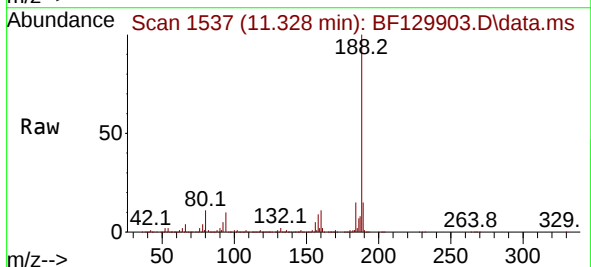
Tgt Ion: 77 Resp: 80310
Ion Ratio Lower Upper
77 100
182 25.4 2.2 42.2
105 21.8 0.8 40.8
51 28.8 10.3 50.3

Manual Integrations
APPROVED

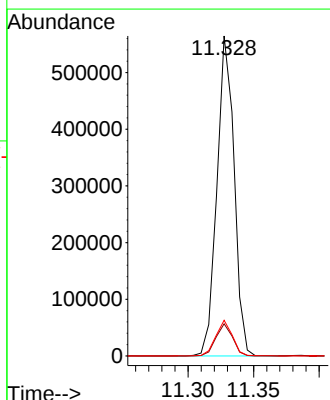
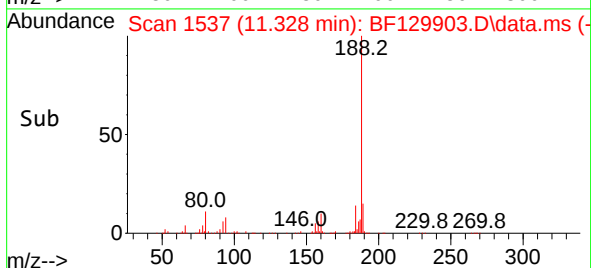
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

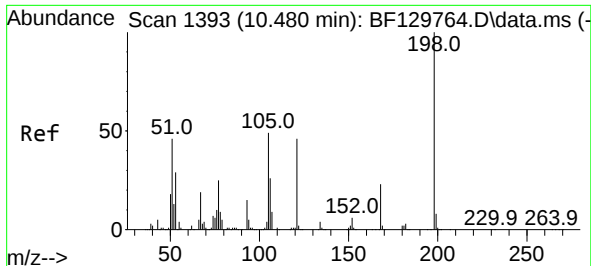


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.328 min Scan# 1537
Delta R.T. 0.006 min
Lab File: BF129903.D
Acq: 19 Aug 2022 10:14



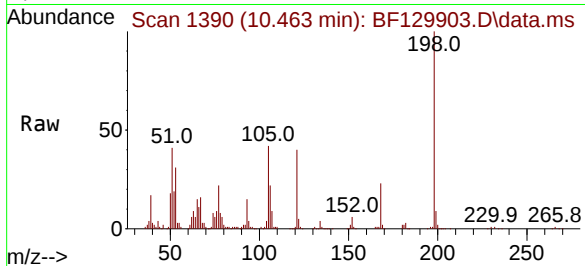
Tgt Ion:188 Resp: 513194
Ion Ratio Lower Upper
188 100
94 10.0 7.4 11.2
80 11.2 7.9 11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 39.714 ng
RT: 10.463 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF129903.D
Acq: 19 Aug 2022 10:14

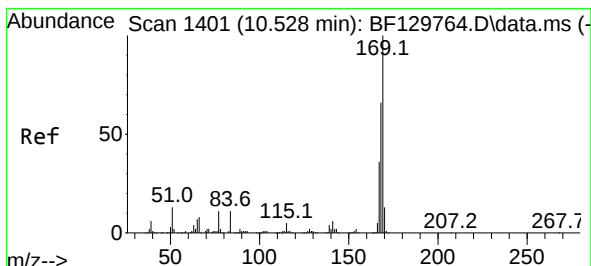
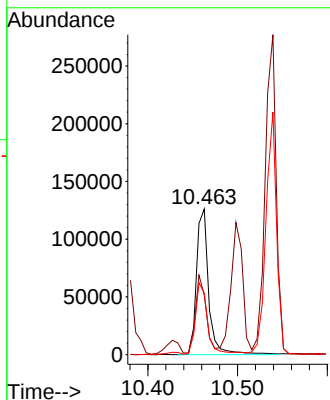
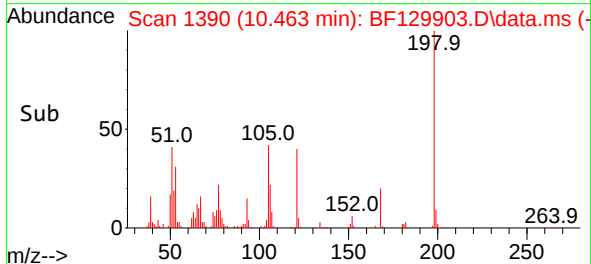
Instrument :
BNA_F
ClientSampleId :
PB146929BS



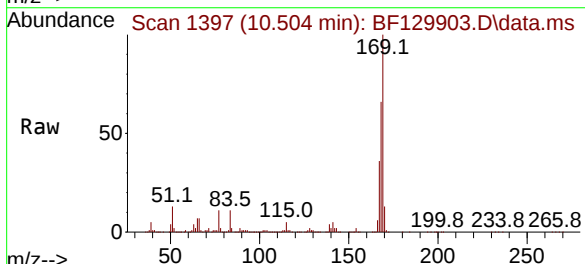
Tgt Ion:198 Resp: 119648
Ion Ratio Lower Upper
198 100
51 40.8 29.4 69.4
105 42.2 29.2 69.2

Manual Integrations
APPROVED

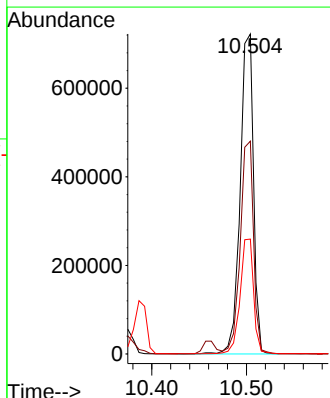
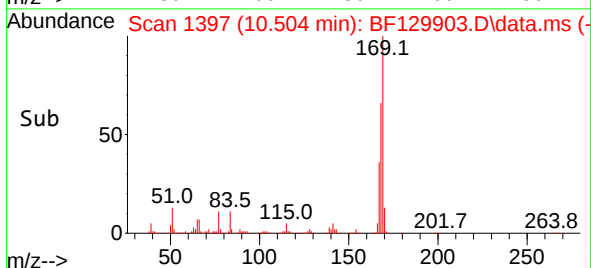
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

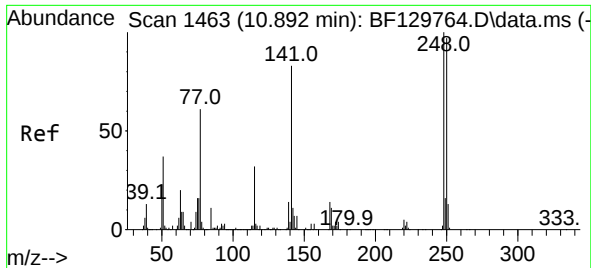


#66
n-Nitrosodiphenylamine
Concen: 40.599 ng
RT: 10.504 min Scan# 1397
Delta R.T. 0.006 min
Lab File: BF129903.D
Acq: 19 Aug 2022 10:14



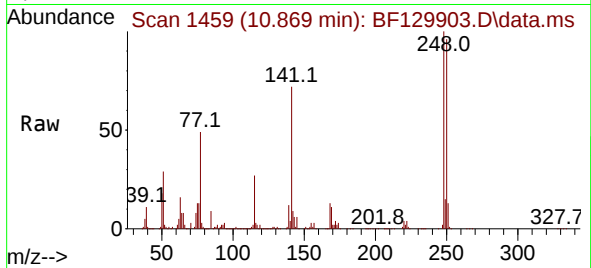
Tgt Ion:169 Resp: 703237
Ion Ratio Lower Upper
169 100
168 66.5 53.4 80.2
167 35.9 29.1 43.7





#67
4-Bromophenyl-phenylether
Concen: 39.321 ng
RT: 10.869 min Scan# 1459
Delta R.T. 0.006 min
Lab File: BF129903.D
Acq: 19 Aug 2022 10:14

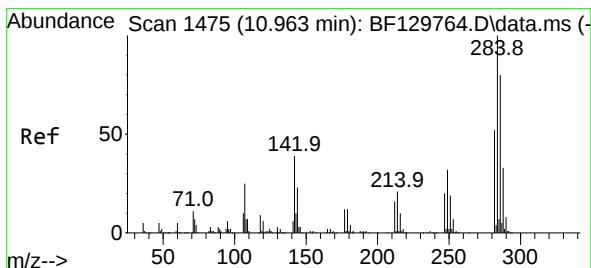
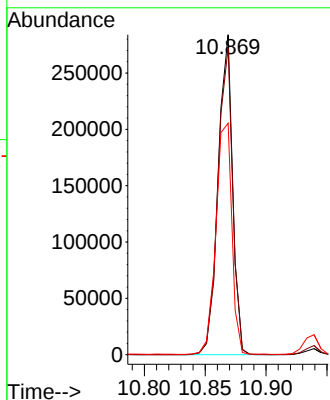
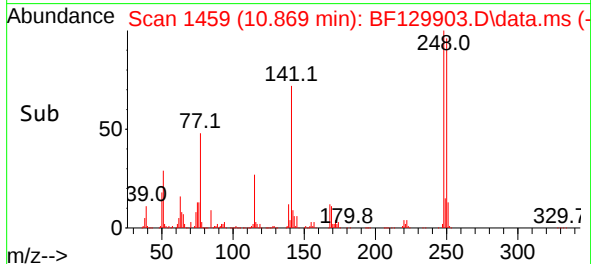
Instrument :
BNA_F
ClientSampleId :
PB146929BS



Tgt Ion:248 Resp: 23635
Ion Ratio Lower Upper
248 100
250 95.9 77.8 116.6
141 72.3 66.2 99.2

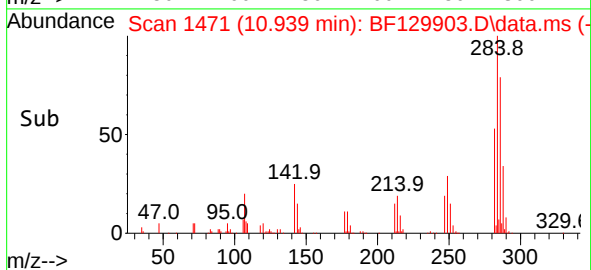
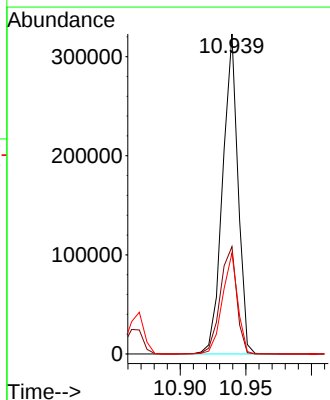
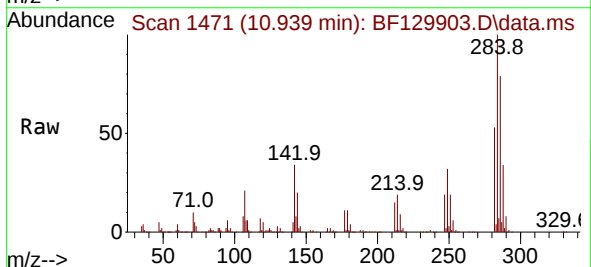
Manual Integrations
APPROVED

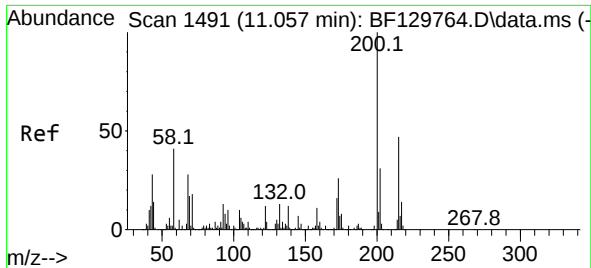
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#68
Hexachlorobenzene
Concen: 40.279 ng
RT: 10.939 min Scan# 1471
Delta R.T. 0.006 min
Lab File: BF129903.D
Acq: 19 Aug 2022 10:14

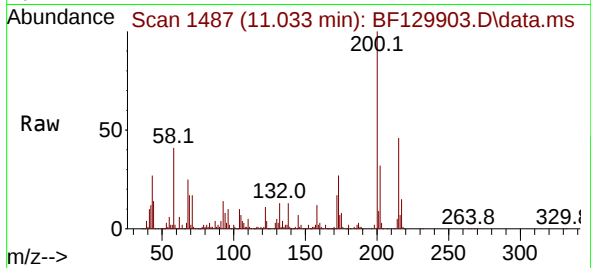
Tgt Ion:284 Resp: 262264
Ion Ratio Lower Upper
284 100
142 33.6 31.4 47.0
249 31.6 25.7 38.5





#69
Atrazine
Concen: 43.050 ng
RT: 11.033 min Scan# 1491
Delta R.T. 0.006 min
Lab File: BF129903.D
Acq: 19 Aug 2022 10:14

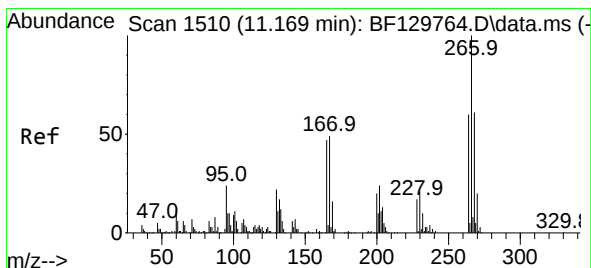
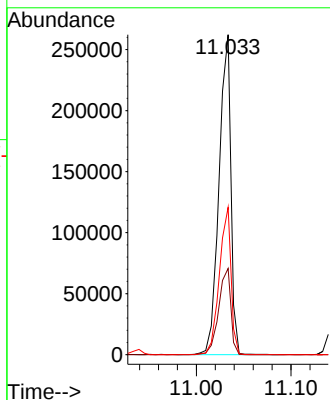
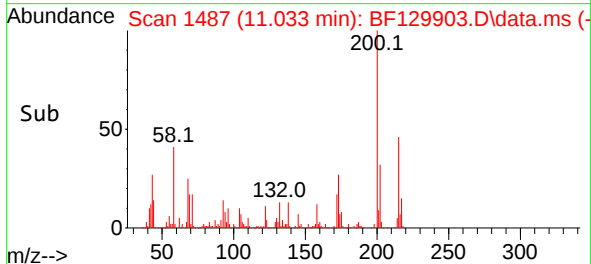
Instrument :
BNA_F
ClientSampleId :
PB146929BS



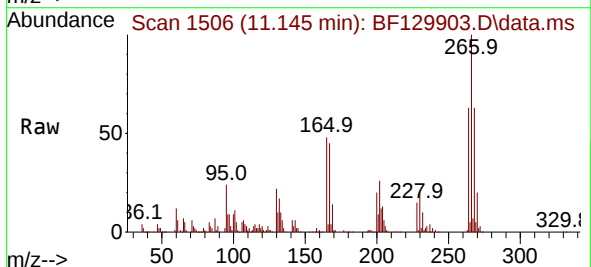
Tgt Ion:200 Resp: 228870
Ion Ratio Lower Upper
200 100
173 26.9 6.4 46.4
215 46.1 27.1 67.1

Manual Integrations
APPROVED

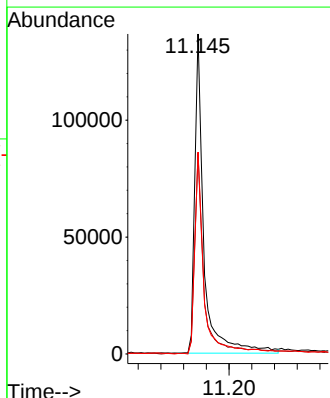
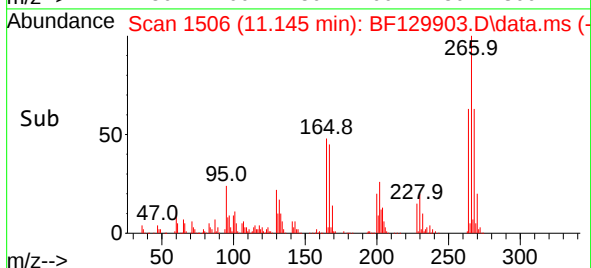
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

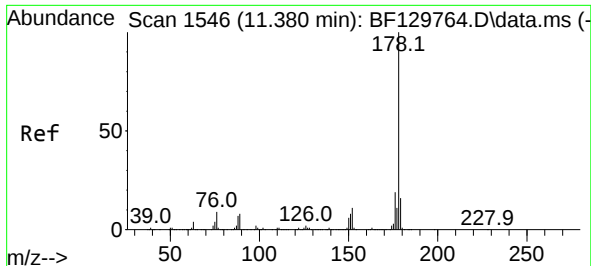


#70
Pentachlorophenol
Concen: 79.204 ng
RT: 11.145 min Scan# 1506
Delta R.T. 0.006 min
Lab File: BF129903.D
Acq: 19 Aug 2022 10:14



Tgt Ion:266 Resp: 154478
Ion Ratio Lower Upper
266 100
268 62.7 49.0 73.4
264 63.1 47.9 71.9





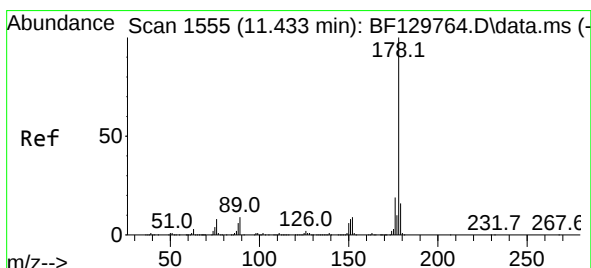
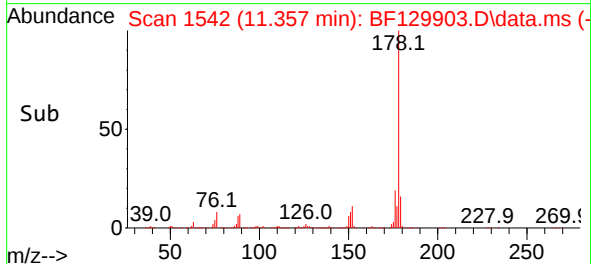
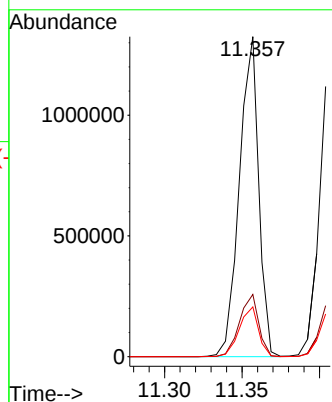
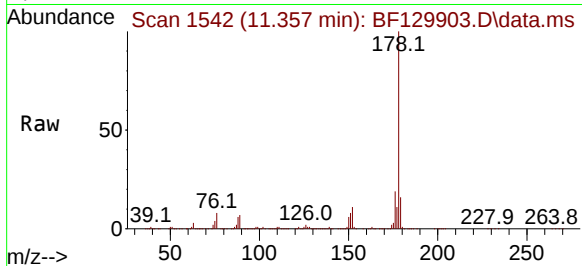
#71
Phenanthrene
Concen: 40.024 ng
RT: 11.357 min Scan# 1542
Delta R.T. 0.006 min
Lab File: BF129903.D
Acq: 19 Aug 2022 10:14

Instrument :
BNA_F
ClientSampleId :
PB146929BS

Tgt Ion:178 Resp: 114715
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 15.5 12.5 18.7

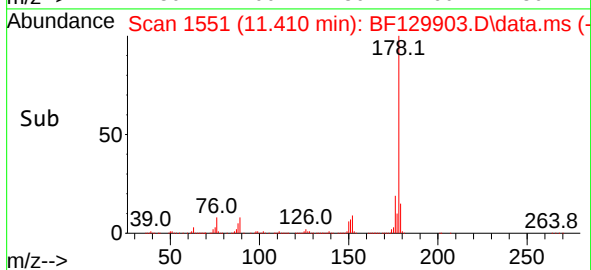
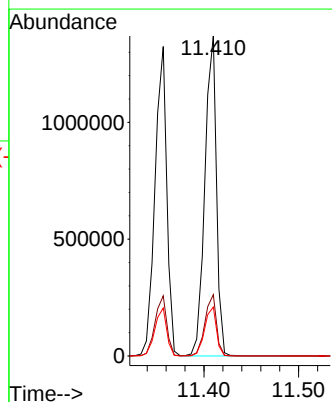
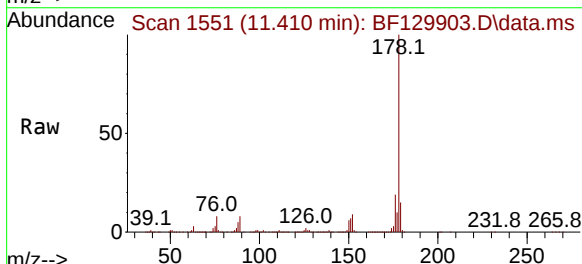
Manual Integrations
APPROVED

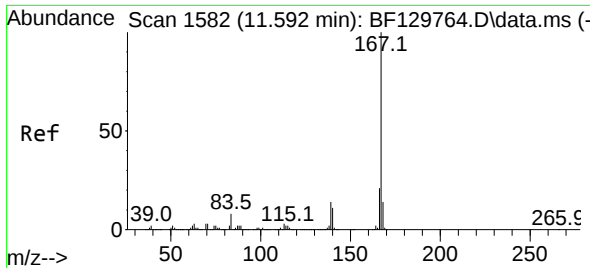
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#72
Anthracene
Concen: 40.934 ng
RT: 11.410 min Scan# 1551
Delta R.T. 0.006 min
Lab File: BF129903.D
Acq: 19 Aug 2022 10:14

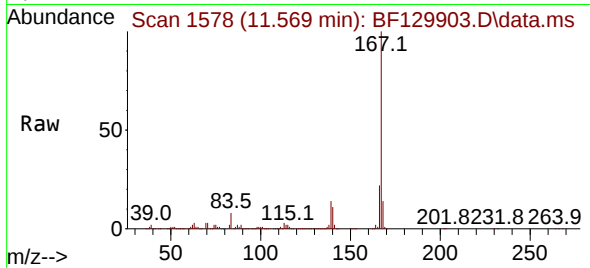
Tgt Ion:178 Resp: 1166717
Ion Ratio Lower Upper
178 100
176 19.2 15.1 22.7
179 15.3 12.6 18.8





#73
 Carbazole
 Concen: 41.911 ng
 RT: 11.569 min Scan# 1158
 Delta R.T. 0.006 min
 Lab File: BF129903.D
 Acq: 19 Aug 2022 10:14

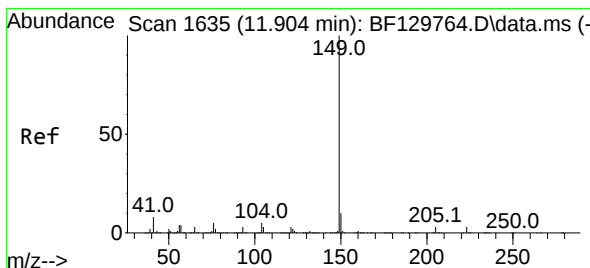
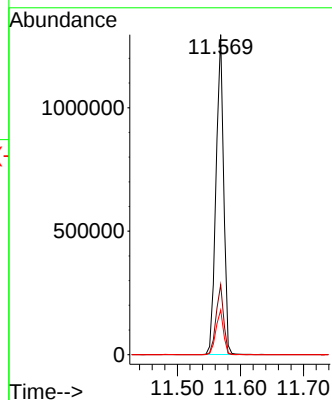
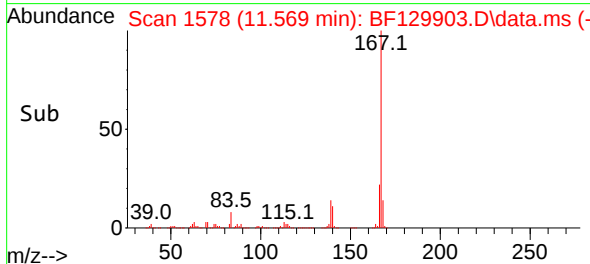
Instrument :
 BNA_F
 ClientSampleId :
 PB146929BS



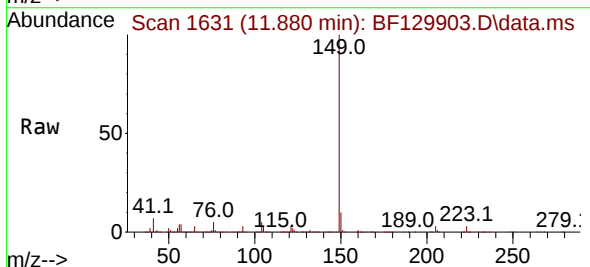
Tgt Ion:167 Resp: 1084394
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.1 25.7
 139 13.9 11.0 16.6

Manual Integrations
 APPROVED

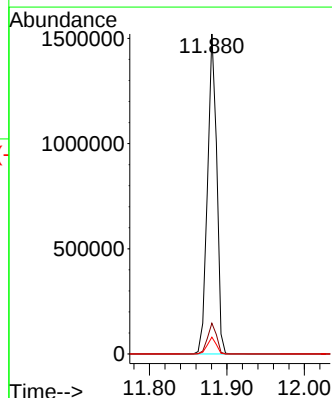
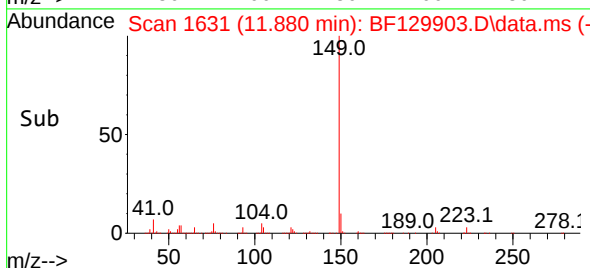
Reviewed By :Christian Giraldo 08/22/2022
 Supervised By :Jagrut Upadhyay 08/22/2022

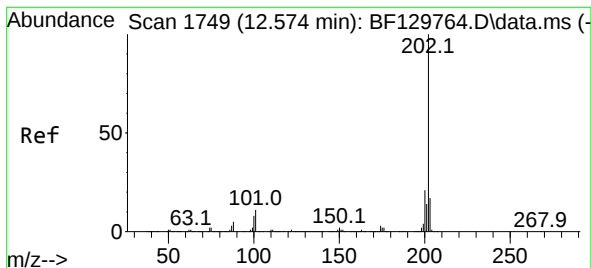


#74
 Di-n-butylphthalate
 Concen: 37.672 ng
 RT: 11.880 min Scan# 1631
 Delta R.T. 0.000 min
 Lab File: BF129903.D
 Acq: 19 Aug 2022 10:14



Tgt Ion:149 Resp: 1254480
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.8 11.6
 104 5.3 4.2 6.4





#75

Fluoranthene

Concen: 40.671 ng

RT: 12.545 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF129903.D

Acq: 19 Aug 2022 10:14

Instrument :

BNA_F

ClientSampleId :

PB146929BS

Tgt Ion:202 Resp: 1192850

Ion Ratio Lower Upper

202 100

101 12.7 0.0 30.7

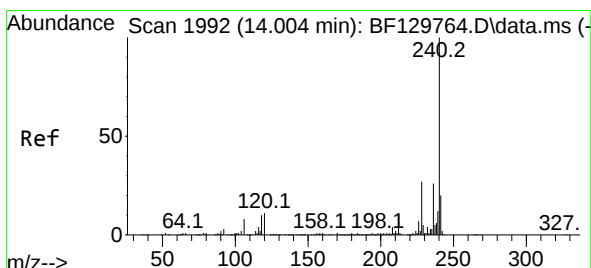
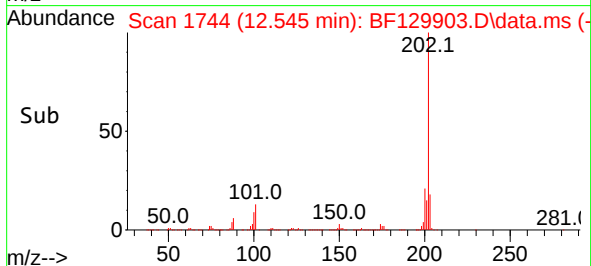
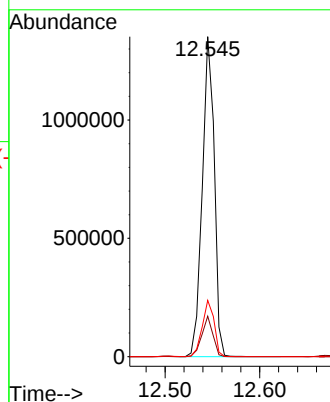
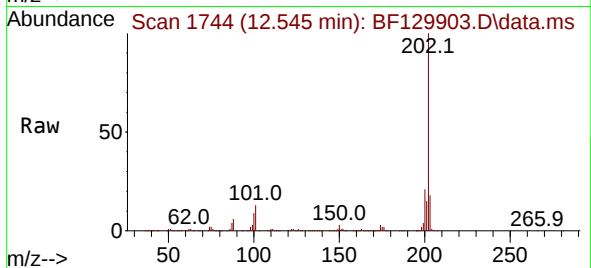
203 17.6 0.0 37.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/22/2022

Supervised By :Jagrut Upadhyay 08/22/2022



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 1988

Delta R.T. 0.006 min

Lab File: BF129903.D

Acq: 19 Aug 2022 10:14

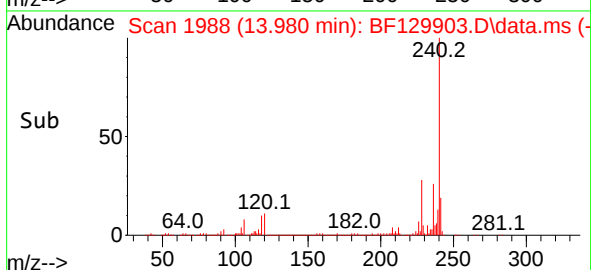
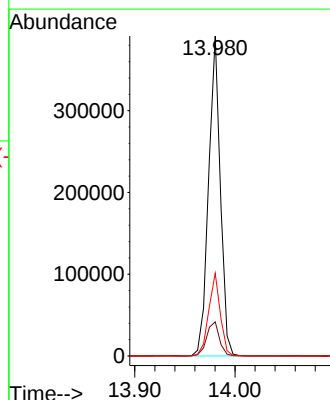
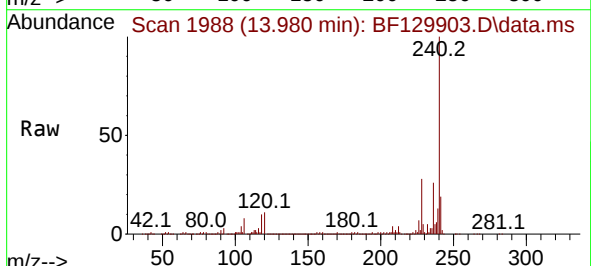
Tgt Ion:240 Resp: 320682

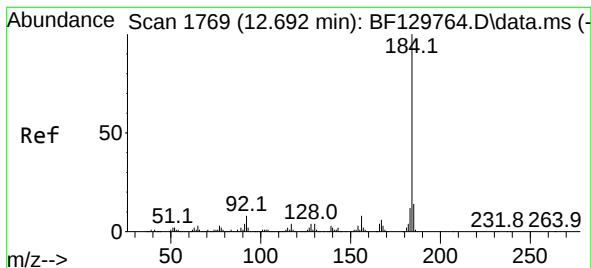
Ion Ratio Lower Upper

240 100

120 10.7 9.2 13.8

236 25.8 20.7 31.1





#77

Benzidine

Concen: 89.325 ng

RT: 12.669 min Scan# 1765

Delta R.T. 0.006 min

Lab File: BF129903.D

Acq: 19 Aug 2022 10:14

Instrument :

BNA_F

ClientSampleId :

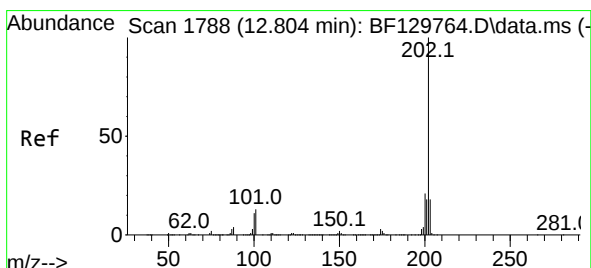
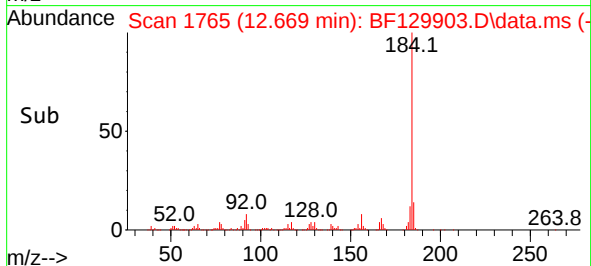
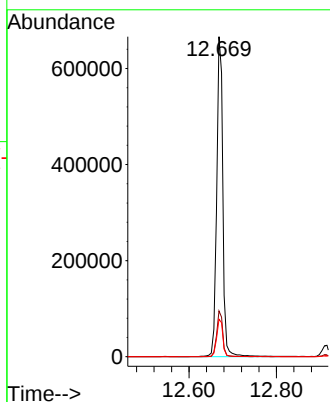
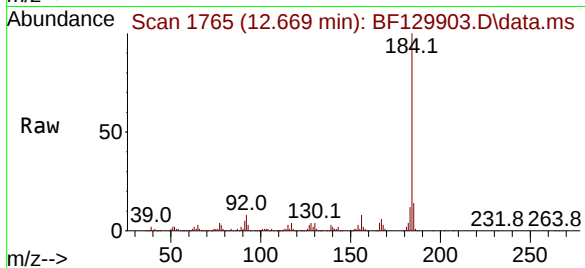
PB146929BS

Tgt Ion:184	Resp: 646920
Ion Ratio	Lower Upper
184	100
185	14.3 11.4 17.2
183	11.7 9.4 14.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#78

Pyrene

Concen: 42.818 ng

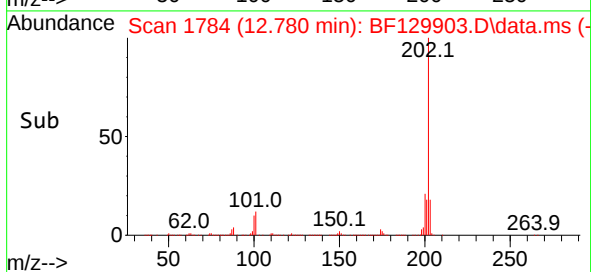
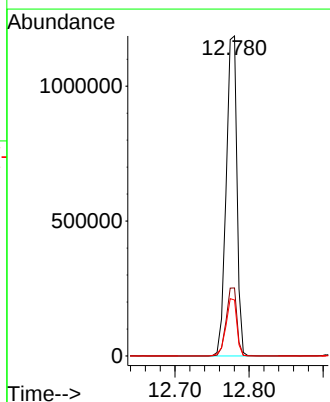
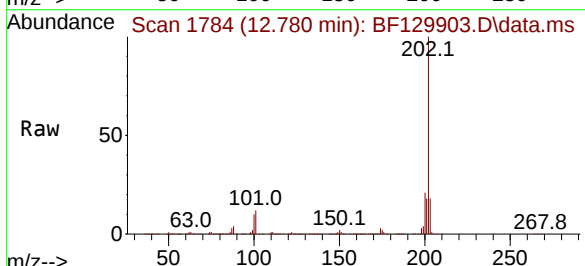
RT: 12.780 min Scan# 1784

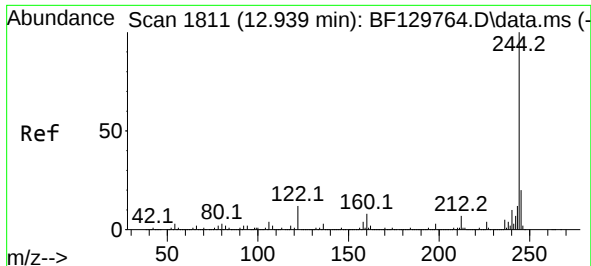
Delta R.T. 0.012 min

Lab File: BF129903.D

Acq: 19 Aug 2022 10:14

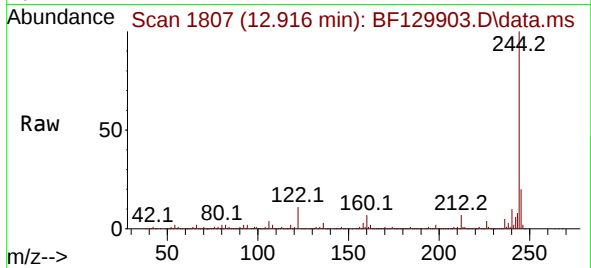
Tgt Ion:202	Resp: 1193214
Ion Ratio	Lower Upper
202	100
200	21.2 17.0 25.6
203	17.5 14.1 21.1





#79
 Terphenyl-d14
 Concen: 84.688 ng
 RT: 12.916 min Scan# 1807
 Delta R.T. 0.006 min
 Lab File: BF129903.D
 Acq: 19 Aug 2022 10:14

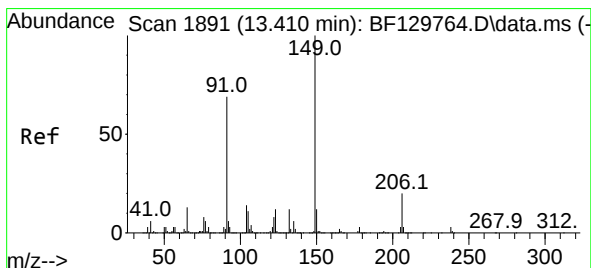
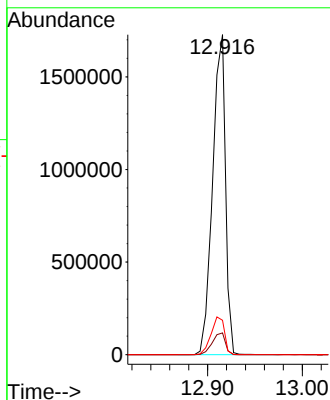
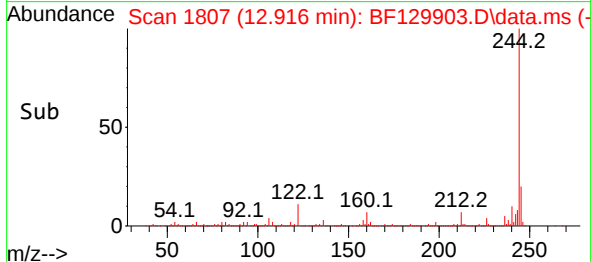
Instrument :
 BNA_F
 ClientSampleId :
 PB146929BS



Tgt Ion:244 Resp: 163215
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.9 8.9
 122 10.8 9.9 14.9

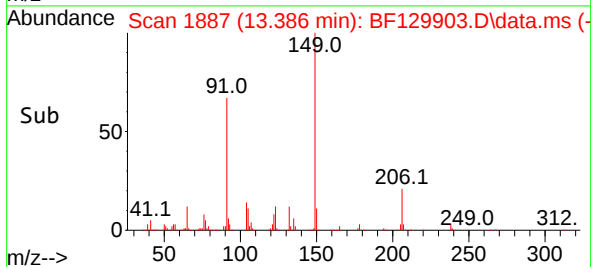
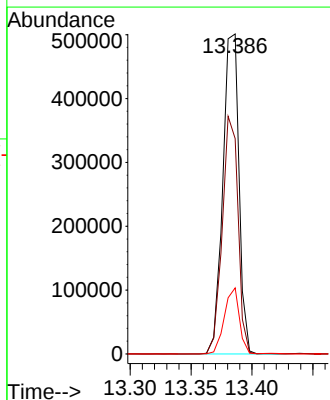
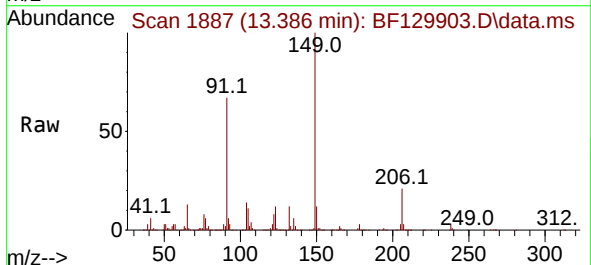
Manual Integrations
 APPROVED

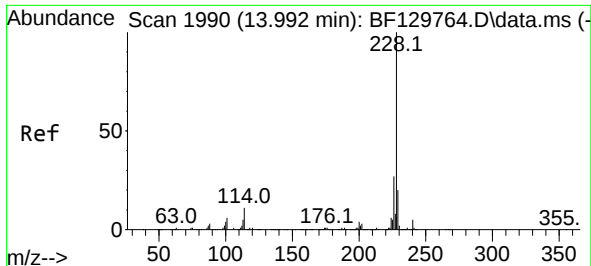
Reviewed By :Christian Giraldo 08/22/2022
 Supervised By :Jagrut Upadhyay 08/22/2022



#80
 Butylbenzylphthalate
 Concen: 39.381 ng
 RT: 13.386 min Scan# 1887
 Delta R.T. 0.006 min
 Lab File: BF129903.D
 Acq: 19 Aug 2022 10:14

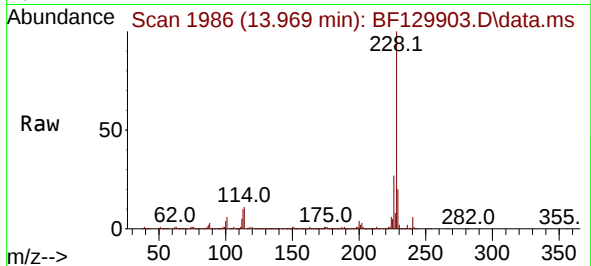
Tgt Ion:149 Resp: 464376
 Ion Ratio Lower Upper
 149 100
 91 67.3 55.4 83.0
 206 20.7 15.8 23.6





#81
Benzo(a)anthracene
Concen: 39.939 ng
RT: 13.969 min Scan# 1990
Delta R.T. 0.006 min
Lab File: BF129903.D
Acq: 19 Aug 2022 10:14

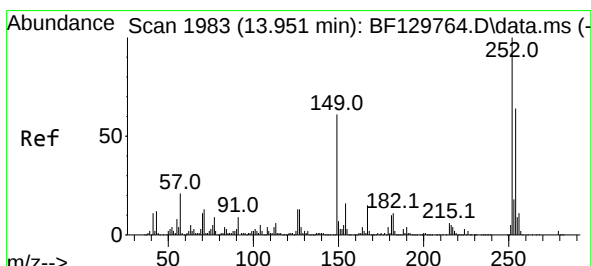
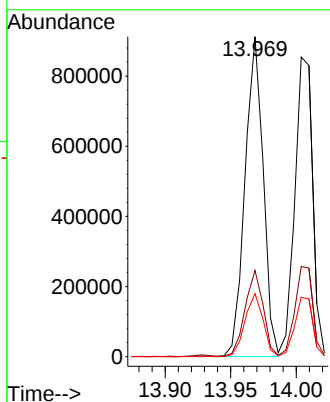
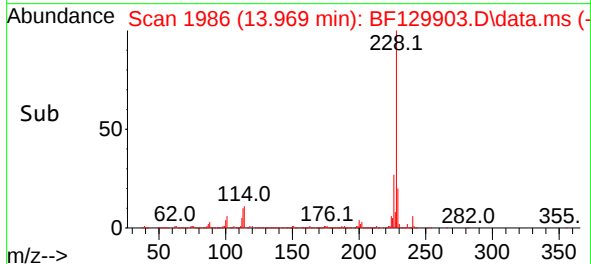
Instrument :
BNA_F
ClientSampleId :
PB146929BS



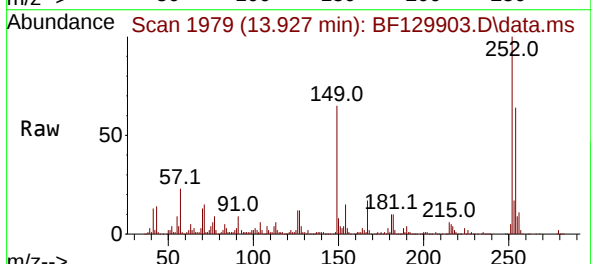
Tgt Ion:228 Resp: 88105
Ion Ratio Lower Upper
228 100
226 27.0 21.4 32.0
229 19.7 16.1 24.1

Manual Integrations
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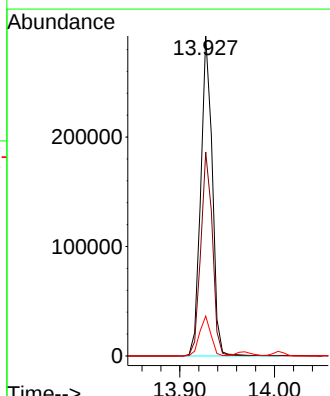
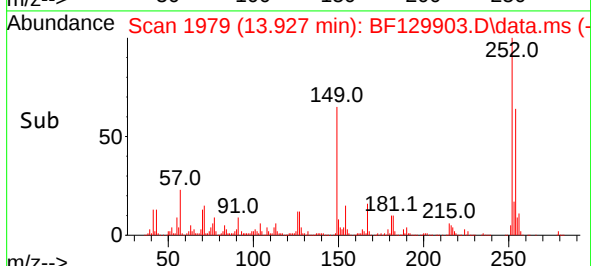
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

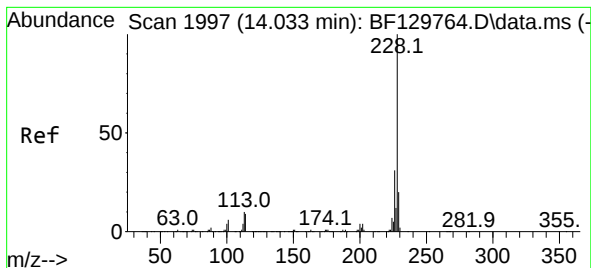


#82
3,3'-Dichlorobenzidine
Concen: 36.095 ng
RT: 13.927 min Scan# 1979
Delta R.T. 0.006 min
Lab File: BF129903.D
Acq: 19 Aug 2022 10:14



Tgt Ion:252 Resp: 246604
Ion Ratio Lower Upper
252 100
254 63.8 51.4 77.2
126 12.5 10.2 15.4





#83

Chrysene

Concen: 39.094 ng

RT: 14.004 min Scan# 1997

Delta R.T. 0.006 min

Lab File: BF129903.D

Acq: 19 Aug 2022 10:14

Instrument :

BNA_F

ClientSampleId :

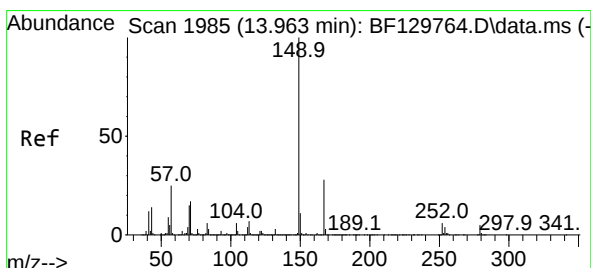
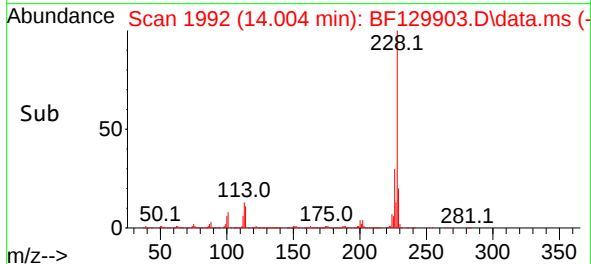
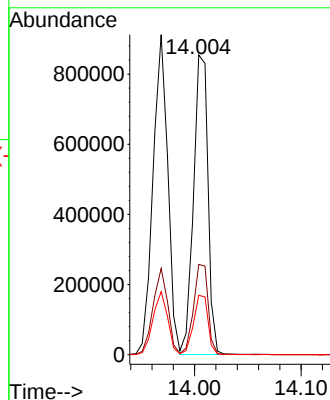
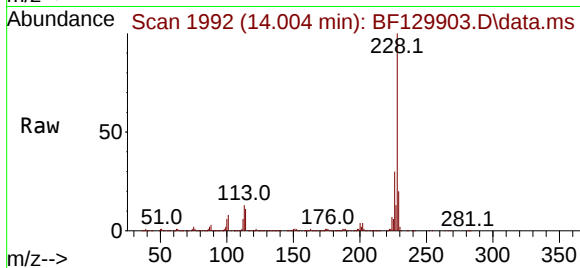
PB146929BS

Tgt Ion:228 Resp: 807272
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.4 36.6
 229 19.8 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/22/2022
 Supervised By :Jagrut Upadhyay 08/22/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.217 ng

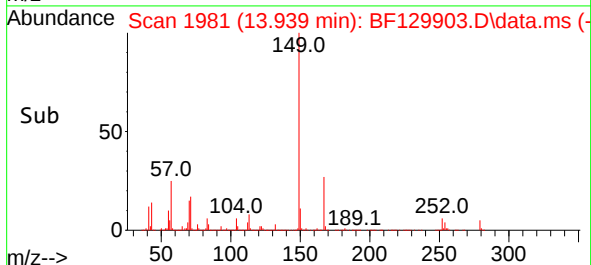
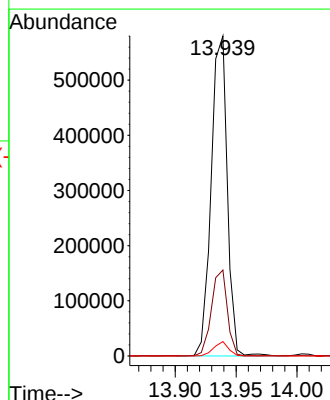
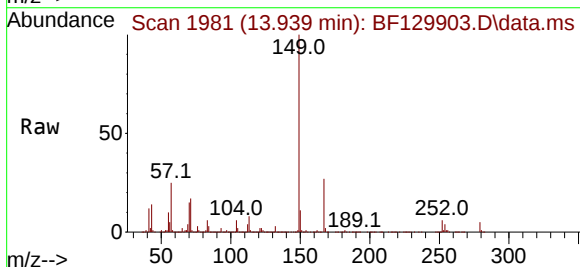
RT: 13.939 min Scan# 1981

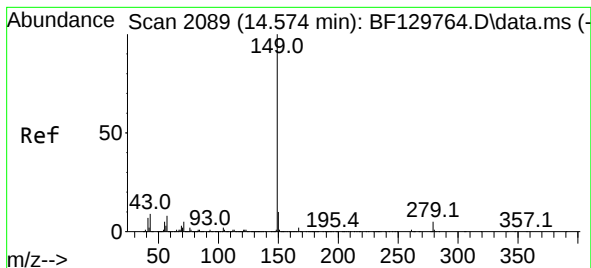
Delta R.T. 0.012 min

Lab File: BF129903.D

Acq: 19 Aug 2022 10:14

Tgt Ion:149 Resp: 534650
 Ion Ratio Lower Upper
 149 100
 167 26.8 22.0 33.0
 279 4.5 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 36.949 ng

RT: 14.551 min Scan# 2085

Delta R.T. 0.012 min

Lab File: BF129903.D

Acq: 19 Aug 2022 10:14

Instrument :

BNA_F

ClientSampleId :

PB146929BS

Tgt Ion:149 Resp: 713572

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

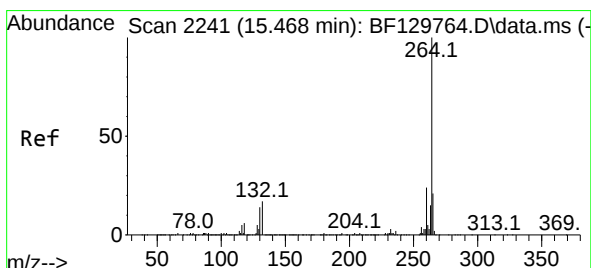
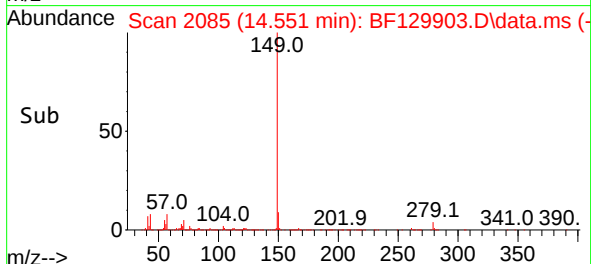
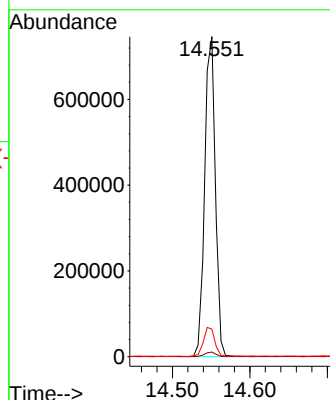
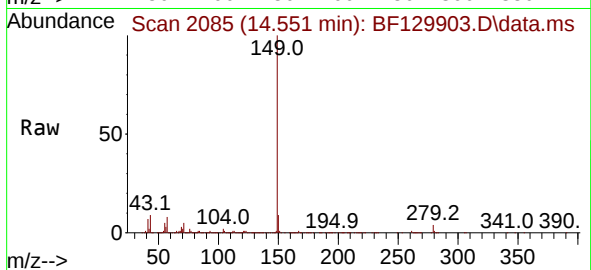
43 9.5 7.8 11.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/22/2022

Supervised By :Jagrut Upadhyay 08/22/2022



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 2236

Delta R.T. 0.012 min

Lab File: BF129903.D

Acq: 19 Aug 2022 10:14

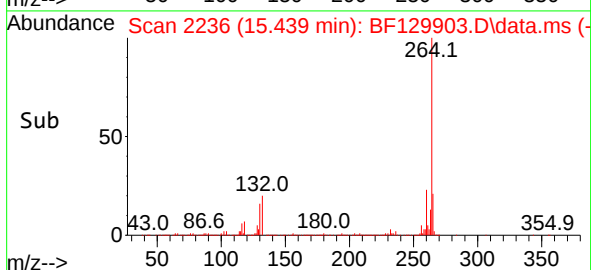
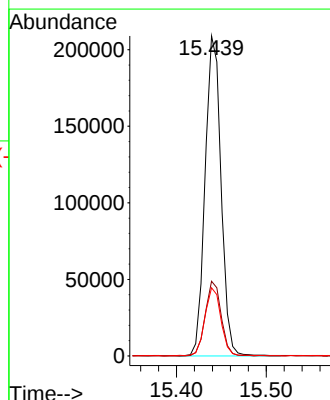
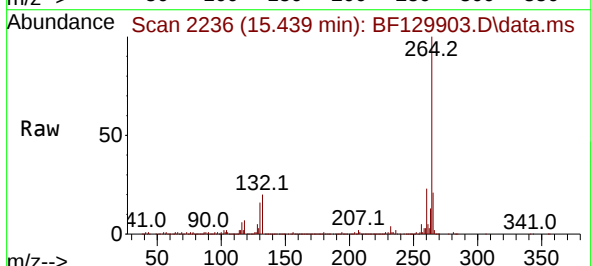
Tgt Ion:264 Resp: 257917

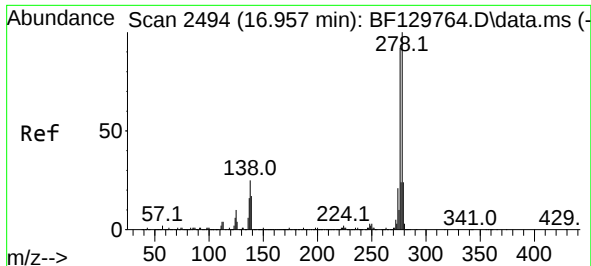
Ion Ratio Lower Upper

264 100

260 23.4 19.1 28.7

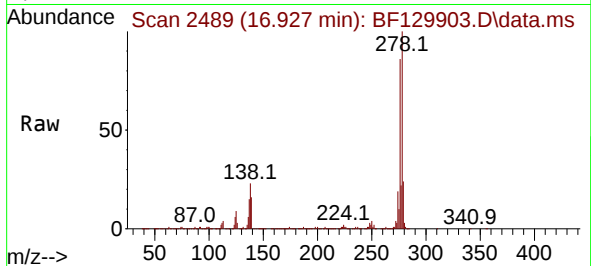
265 21.3 16.7 25.1





#87
Indeno(1,2,3-cd)pyrene
Concen: 48.199 ng
RT: 16.927 min Scan# 2494
Delta R.T. 0.024 min
Lab File: BF129903.D
Acq: 19 Aug 2022 10:14

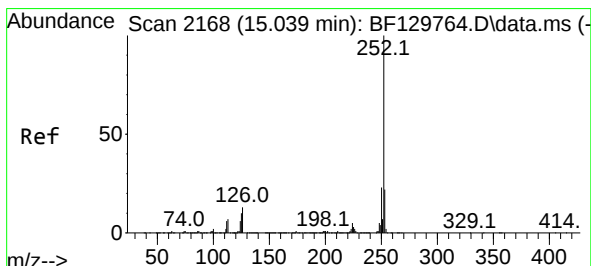
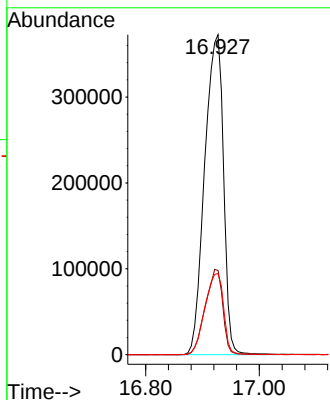
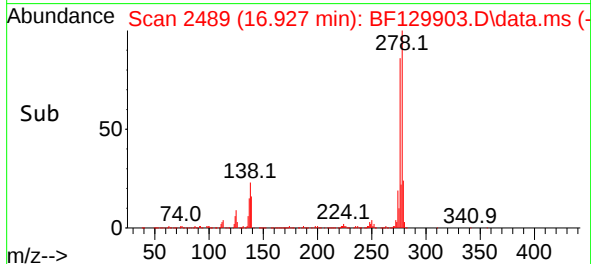
Instrument :
BNA_F
ClientSampleId :
PB146929BS



Tgt Ion: 276 Resp: 853430
Ion Ratio Lower Upper
276 100
138 24.8 19.8 29.8
277 25.3 20.4 30.6

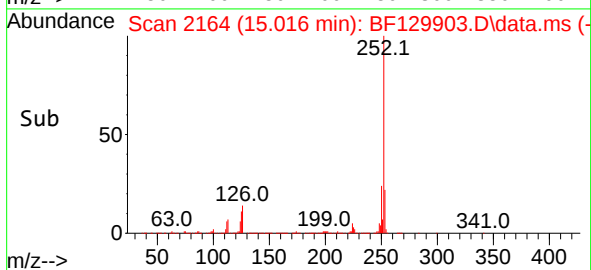
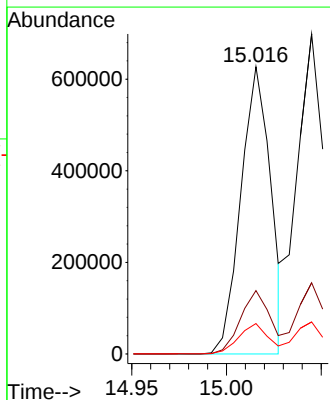
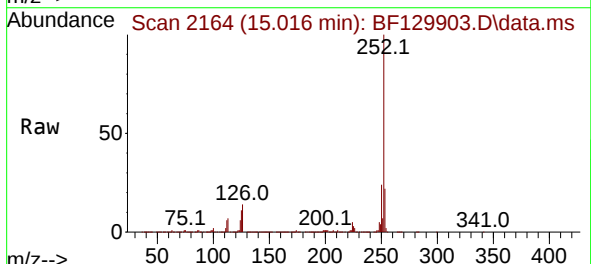
Manual Integrations
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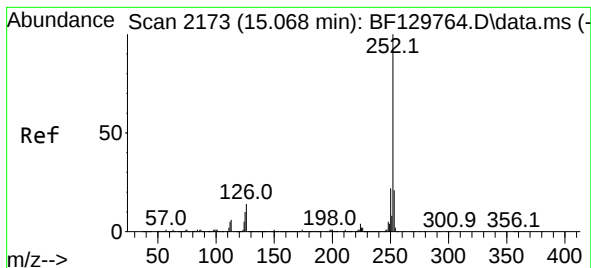
Reviewed By : Christian Giraldo 08/22/2022
Supervised By : Jagrut Upadhyay 08/22/2022



#88
Benzo(b)fluoranthene
Concen: 39.054 ng
RT: 15.016 min Scan# 2164
Delta R.T. 0.012 min
Lab File: BF129903.D
Acq: 19 Aug 2022 10:14

Tgt Ion: 252 Resp: 689734
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 10.6 8.3 12.5





#89

Benzo(k)fluoranthene

Concen: 40.979 ng

RT: 15.045 min Scan# 2169

Delta R.T. 0.012 min

Lab File: BF129903.D

Acq: 19 Aug 2022 10:14

Instrument :

BNA_F

ClientSampleId :

PB146929BS

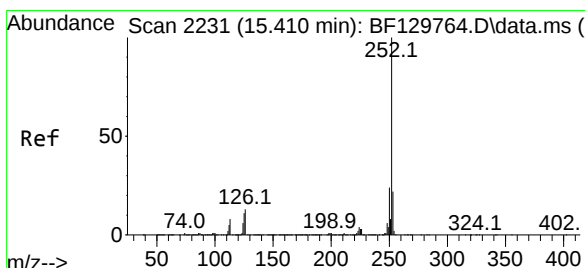
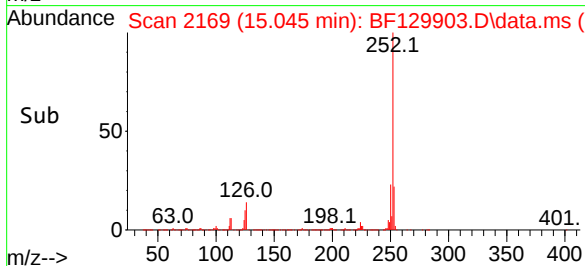
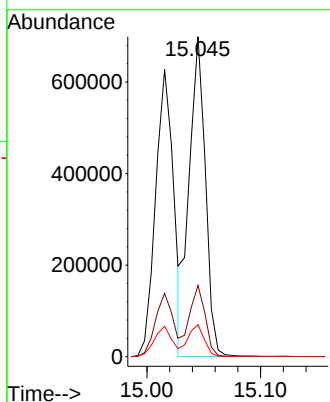
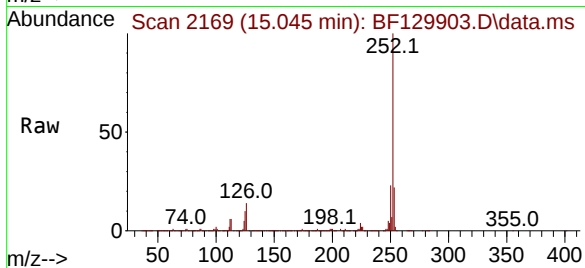
Tgt Ion:252 Resp: 694050

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	10.0	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#90

Benzo(a)pyrene

Concen: 44.314 ng

RT: 15.380 min Scan# 2226

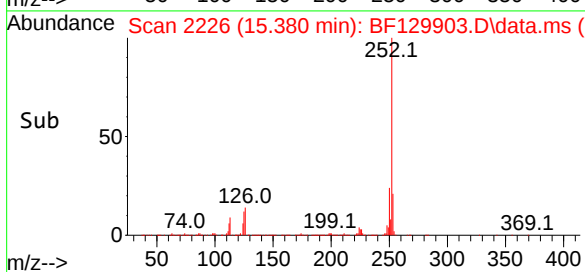
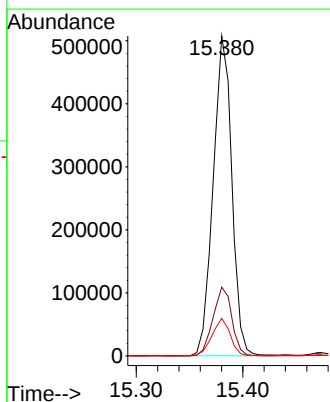
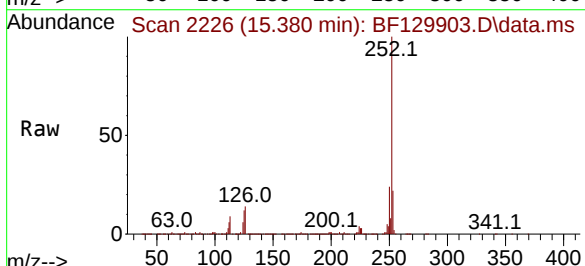
Delta R.T. 0.012 min

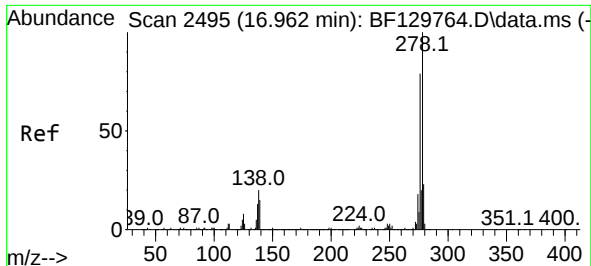
Lab File: BF129903.D

Acq: 19 Aug 2022 10:14

Tgt Ion:252 Resp: 616309

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.2	25.8
125	11.7	8.8	13.2





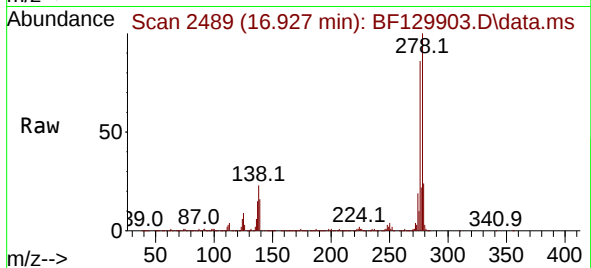
#91
Dibenzo(a,h)anthracene
Concen: 49.866 ng
RT: 16.927 min Scan# 2495
Delta R.T. 0.024 min
Lab File: BF129903.D
Acq: 19 Aug 2022 10:14

Instrument :

BNA_F

ClientSampleId :

PB146929BS

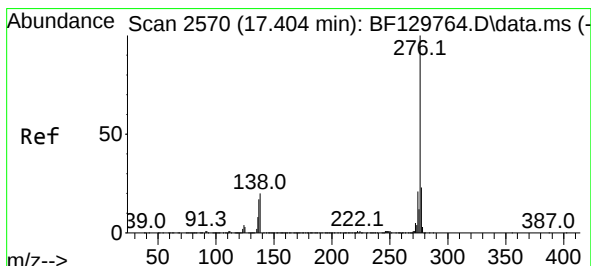
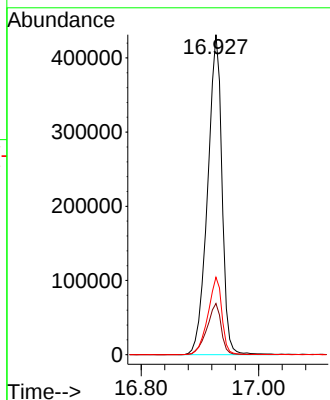
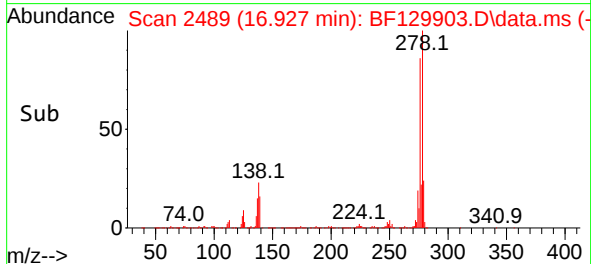


Tgt Ion: 278 Resp: 72853
Ion Ratio Lower Upper
278 100
139 16.0 12.2 18.4
279 24.2 18.7 28.1

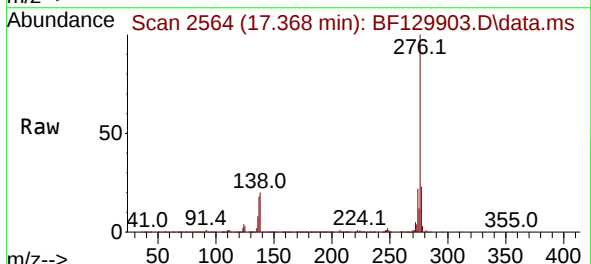
Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 08/22/2022
Supervised By : Jagrut Upadhyay 08/22/2022



#92
Benzo(g,h,i)perylene
Concen: 53.065 ng
RT: 17.368 min Scan# 2564
Delta R.T. 0.024 min
Lab File: BF129903.D
Acq: 19 Aug 2022 10:14



Tgt Ion: 276 Resp: 773442
Ion Ratio Lower Upper
276 100
277 23.1 18.2 27.4
138 20.2 15.8 23.8

