

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082522\
 Data File : BF129996.D
 Acq On : 25 Aug 2022 12:57
 Operator : CG\JU
 Sample : PB147058BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147058BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/26/2022
 Supervised By : Jagrut Upadhyay 08/26/2022

Quant Time: Aug 25 14:47:52 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 25 14:45:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	141406	20.000	ng	0.00
21) Naphthalene-d8	8.040	136	585545	20.000	ng	0.00
39) Acenaphthene-d10	9.792	164	306784	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	515139	20.000	ng	0.00
76) Chrysene-d12	13.927	240	313491	20.000	ng	0.00
86) Perylene-d12	15.374	264	260903	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	1092739	127.947	ng	0.01
7) Phenol-d6	6.422	99	1367577	127.869	ng	0.00
23) Nitrobenzene-d5	7.334	82	922720	84.357	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	381918	124.038	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1686706	83.504	ng	0.00
79) Terphenyl-d14	12.863	244	1774908	94.208	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.546	88	101905	28.921	ng	96
3) Pyridine	3.328	79	278441m	30.197	ng	
4) n-Nitrosodimethylamine	3.257	42	191513	45.067	ng	92
6) Aniline	6.428	93	474470	38.924	ng	# 80
8) 2-Chlorophenol	6.557	128	416312	43.787	ng	100
9) Benzaldehyde	6.316	77	216140	37.290	ng	99
10) Phenol	6.434	94	505839	43.117	ng	90
11) bis(2-Chloroethyl)ether	6.498	93	368021	41.310	ng	99
12) 1,3-Dichlorobenzene	6.693	146	401110	39.078	ng	97
13) 1,4-Dichlorobenzene	6.775	146	412481	39.330	ng	97
14) 1,2-Dichlorobenzene	6.922	146	394300	40.480	ng	98
15) Benzyl Alcohol	6.916	79	356101	44.104	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.028	45	496526	41.594	ng	88
17) 2-Methylphenol	7.034	107	340257	44.571	ng	99
18) Hexachloroethane	7.257	117	158893	40.345	ng	97
19) n-Nitroso-di-n-propyla...	7.181	70	295968	43.780	ng	98
20) 3+4-Methylphenols	7.187	107	448444	43.761	ng	88
22) Acetophenone	7.175	105	595377	41.725	ng	97
24) Nitrobenzene	7.351	77	447629	40.584	ng	98
25) Isophorone	7.587	82	802341	42.618	ng	98
26) 2-Nitrophenol	7.663	139	224639	41.406	ng	95
27) 2,4-Dimethylphenol	7.710	122	362385	46.576	ng	98
28) bis(2-Chloroethoxy)met...	7.792	93	479817	43.650	ng	99
29) 2,4-Dichlorophenol	7.916	162	347882	40.890	ng	98
30) 1,2,4-Trichlorobenzene	7.981	180	342623	38.174	ng	98
31) Naphthalene	8.063	128	1168537	38.168	ng	100
32) Benzoic acid	7.875	122	145681	43.183	ng	91
33) 4-Chloroaniline	8.122	127	439899	36.538	ng	98
34) Hexachlorobutadiene	8.169	225	211215	38.648	ng	99
35) Caprolactam	8.510	113	112065m	42.358	ng	
36) 4-Chloro-3-methylphenol	8.622	107	404759	44.100	ng	97
37) 2-Methylnaphthalene	8.751	142	786091	39.120	ng	100
38) 1-Methylnaphthalene	8.851	142	745948	38.198	ng	100
40) 1,2,4,5-Tetrachloroben...	8.916	216	348432	40.835	ng	99
41) Hexachlorocyclopentadiene	8.898	237	215048	78.673	ng	98
43) 2,4,6-Trichlorophenol	9.045	196	217441	39.222	ng	99

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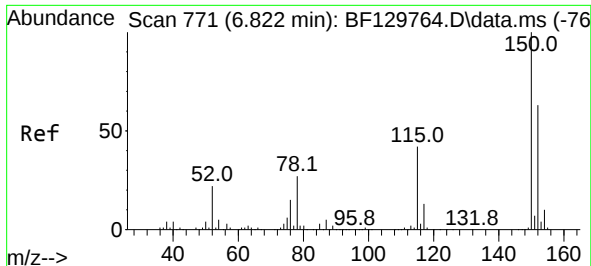
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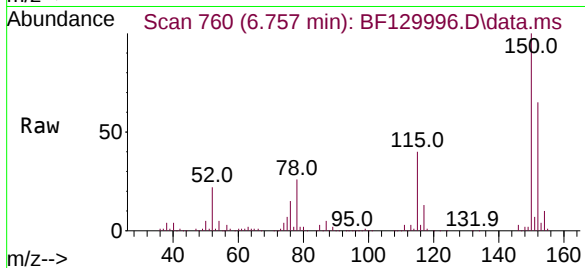
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.092	196	232864	39.042	ng	96
46) 1,1'-Biphenyl	9.216	154	954223	40.943	ng	100
47) 2-Chloronaphthalene	9.245	162	746766	40.496	ng	99
48) 2-Nitroaniline	9.351	65	255014	43.760	ng	95
49) Acenaphthylene	9.657	152	1126037	40.268	ng	99
50) Dimethylphthalate	9.522	163	866762	39.412	ng	99
51) 2,6-Dinitrotoluene	9.592	165	196137	41.113	ng	# 84
52) Acenaphthene	9.828	154	684004	40.317	ng	99
53) 3-Nitroaniline	9.769	138	177914	33.723	ng	92
54) 2,4-Dinitrophenol	9.886	184	167716	77.911	ng	93
55) Dibenzofuran	10.004	168	1022682	40.124	ng	96
56) 4-Nitrophenol	9.963	139	181811	77.462	ng	91
57) 2,4-Dinitrotoluene	10.004	165	257410	41.565	ng	90
58) Fluorene	10.345	166	849198	39.903	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.133	232	165662	37.847	ng	# 69
60) Diethylphthalate	10.222	149	863054	39.357	ng	98
61) 4-Chlorophenyl-phenyle...	10.333	204	378885	39.672	ng	99
62) 4-Nitroaniline	10.392	138	213207m	40.058	ng	
63) Azobenzene	10.492	77	840056	40.078	ng	97
65) 4,6-Dinitro-2-methylph...	10.422	198	120754	39.930	ng	99
66) n-Nitrosodiphenylamine	10.457	169	715032	41.124	ng	100
67) 4-Bromophenyl-phenylether	10.822	248	245033	40.611	ng	98
68) Hexachlorobenzene	10.892	284	272365	41.673	ng	99
69) Atrazine	10.986	200	233538	43.762	ng	96
70) Pentachlorophenol	11.104	266	136270	70.233	ng	98
71) Phenanthrene	11.310	178	1179935	41.012	ng	99
72) Anthracene	11.363	178	1195221	41.775	ng	99
73) Carbazole	11.522	167	1106747	42.614	ng	99
74) Di-n-butylphthalate	11.833	149	1273845	38.110	ng	100
75) Fluoranthene	12.498	202	1192291	40.498	ng	99
77) Benzidine	12.622	184	490284	67.884	ng	100
78) Pyrene	12.727	202	1210102	44.420	ng	100
80) Butylbenzylphthalate	13.333	149	453582	39.348	ng	96
81) Benzo(a)anthracene	13.921	228	889313	41.238	ng	99
82) 3,3'-Dichlorobenzidine	13.880	252	250929	37.570	ng	99
83) Chrysene	13.957	228	816256	40.435	ng	100
84) Bis(2-ethylhexyl)phtha...	13.886	149	481224	35.187	ng	99
85) Di-n-octyl phthalate	14.498	149	664152	35.179	ng	99
87) Indeno(1,2,3-cd)pyrene	16.821	276	821118	45.843	ng	99
88) Benzo(b)fluoranthene	14.957	252	751041	42.039	ng	99
89) Benzo(k)fluoranthene	14.986	252	747655	43.638	ng	98
90) Benzo(a)pyrene	15.316	252	661204	46.997	ng	99
91) Dibenzo(a,h)anthracene	16.821	278	711719	48.158	ng	100
92) Benzo(g,h,i)perylene	17.251	276	729877	49.503	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF129996.D
Acq: 25 Aug 2022 12:57

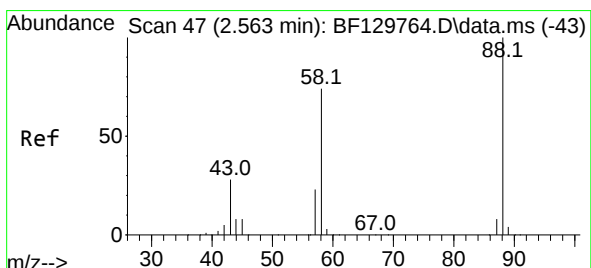
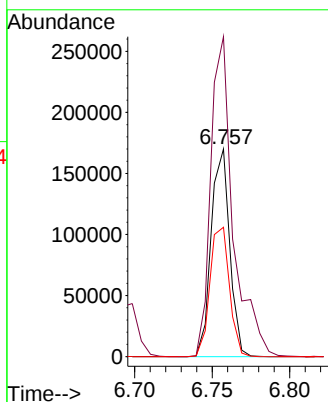
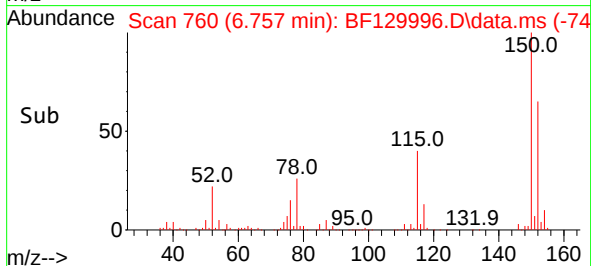
Instrument :
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Tgt Ion:152 Resp: 141406
Ion Ratio Lower Upper
152 100
150 154.2 126.9 190.3
115 62.3 53.4 80.0

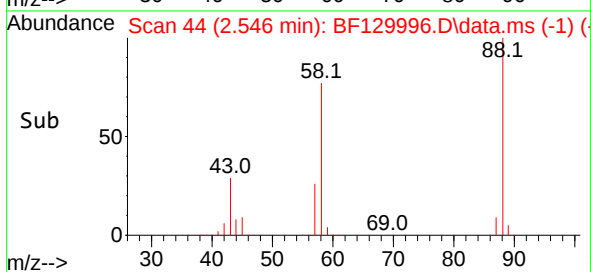
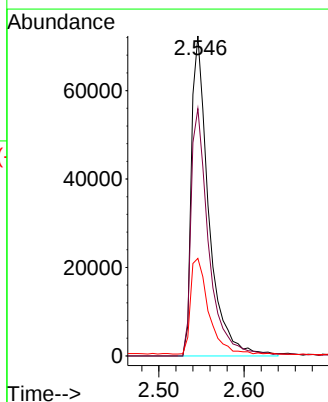
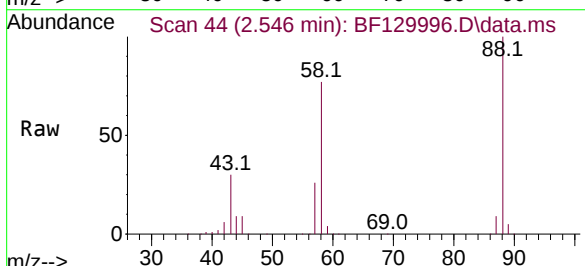
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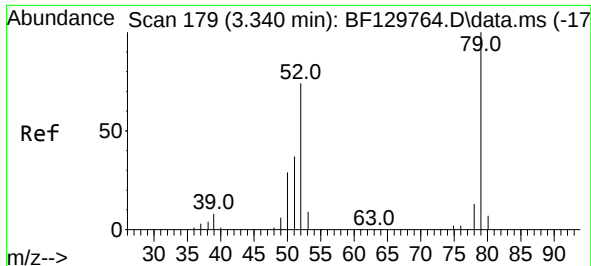
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#2
1,4-Dioxane
Concen: 28.921 ng
RT: 2.546 min Scan# 44
Delta R.T. 0.100 min
Lab File: BF129996.D
Acq: 25 Aug 2022 12:57

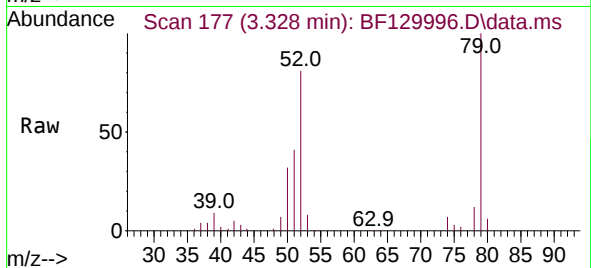
Tgt Ion: 88 Resp: 101905
Ion Ratio Lower Upper
88 100
58 79.3 60.9 91.3
43 32.0 23.6 35.4





#3
Pyridine
Concen: 30.197 ng m
RT: 3.328 min Scan# 11
Delta R.T. 0.124 min
Lab File: BF129996.D
Acq: 25 Aug 2022 12:57

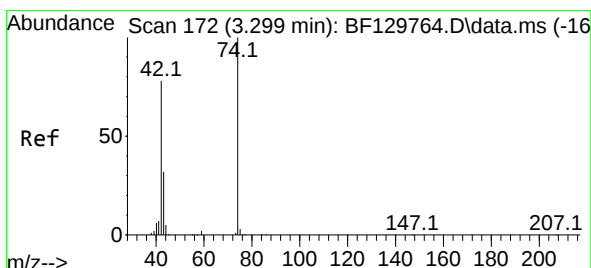
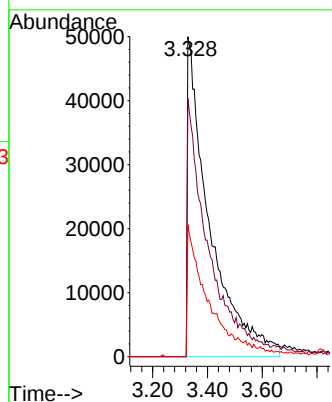
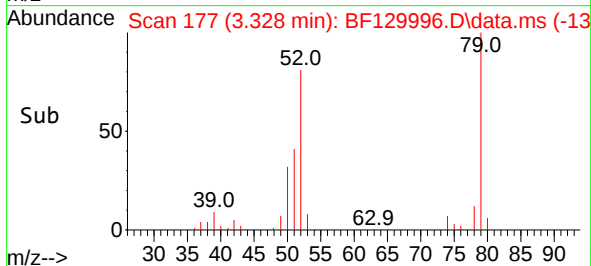
Instrument :
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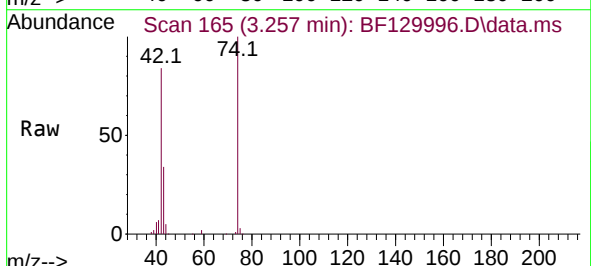
Tgt Ion: 79 Resp: 27844
Ion Ratio Lower Upper
79 100
52 80.7 59.4 89.2
51 41.3 29.5 44.3

Manual Integrations
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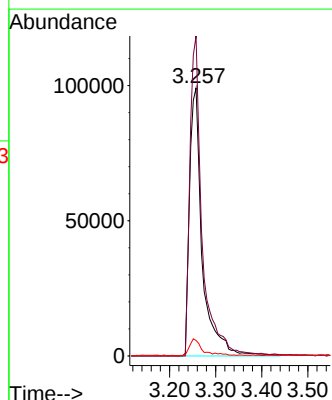
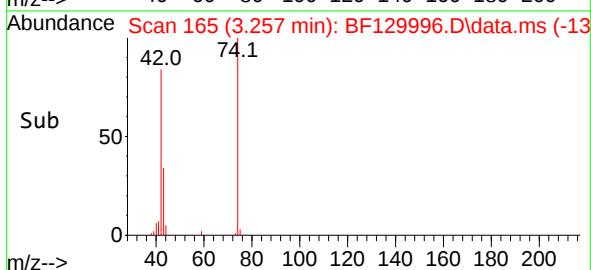
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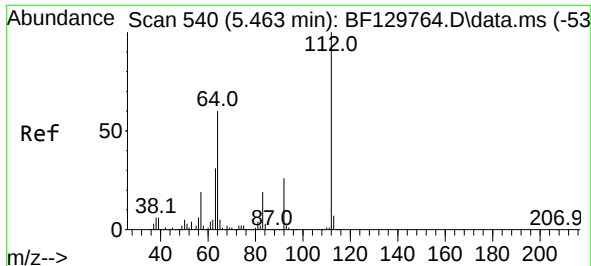


#4
n-Nitrosodimethylamine
Concen: 45.067 ng
RT: 3.257 min Scan# 165
Delta R.T. 0.088 min
Lab File: BF129996.D
Acq: 25 Aug 2022 12:57



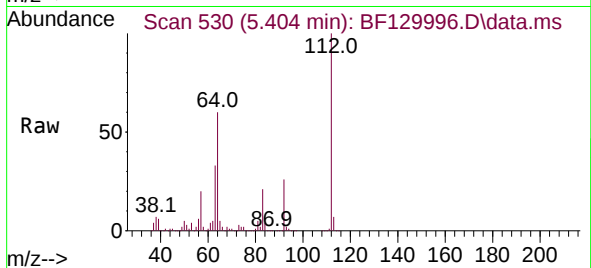
Tgt Ion: 42 Resp: 191513
Ion Ratio Lower Upper
42 100
74 119.5 103.1 154.7
44 5.8 5.4 8.2





#5
2-Fluorophenol
Concen: 127.947 ng
RT: 5.404 min Scan# 531
Delta R.T. 0.012 min
Lab File: BF129996.D
Acq: 25 Aug 2022 12:57

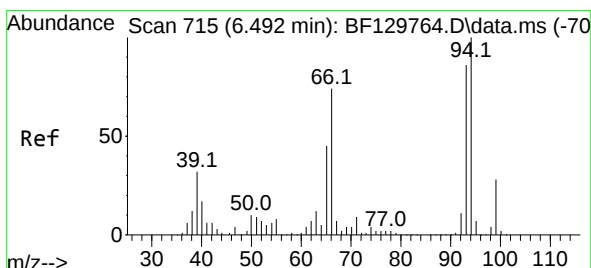
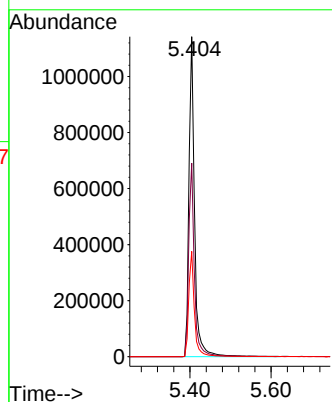
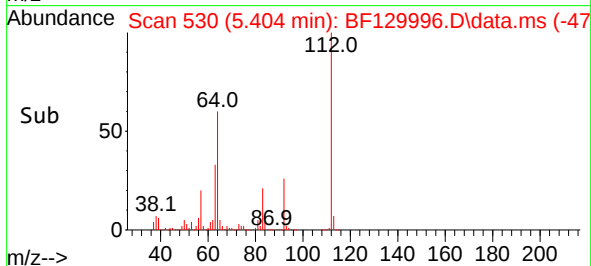
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Tgt Ion:112 Resp: 1092739
Ion Ratio Lower Upper
112 100
64 60.5 47.6 71.4
63 32.9 24.6 37.0

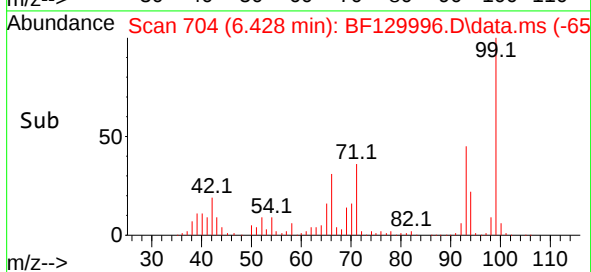
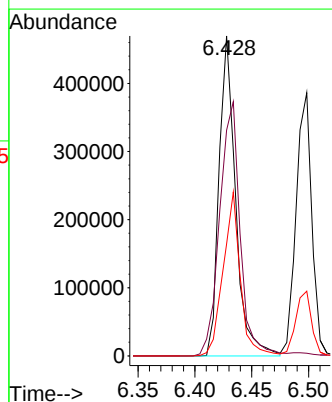
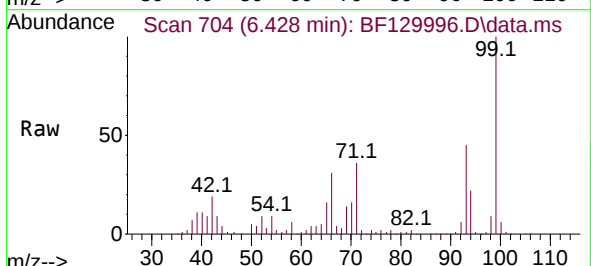
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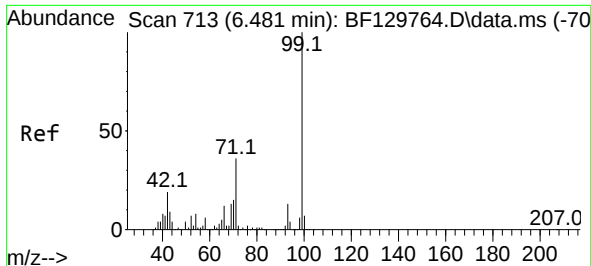
Reviewed By :Christian Giraldo 08/26/2022
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#6
Aniline
Concen: 38.924 ng
RT: 6.428 min Scan# 704
Delta R.T. 0.000 min
Lab File: BF129996.D
Acq: 25 Aug 2022 12:57

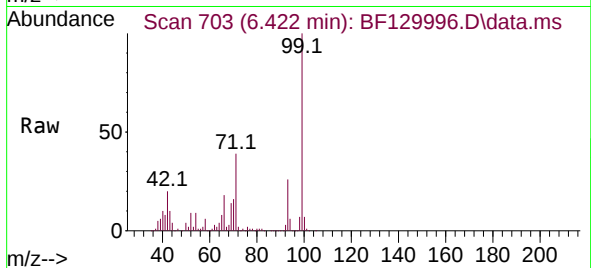
Tgt Ion: 93 Resp: 474470
Ion Ratio Lower Upper
93 100
66 70.5 68.7 103.1
65 35.0 41.6 62.4





#7
Phenol-d6
Concen: 127.869 ng
RT: 6.422 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF129996.D
Acq: 25 Aug 2022 12:57

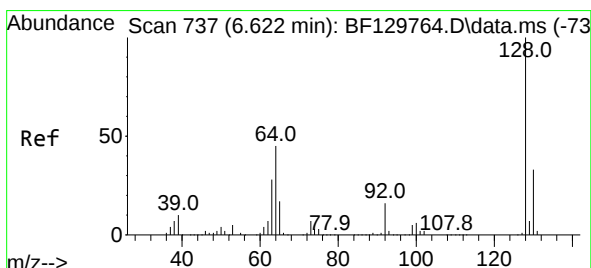
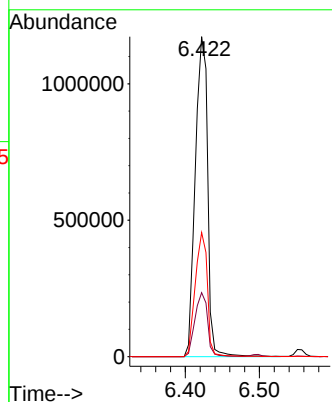
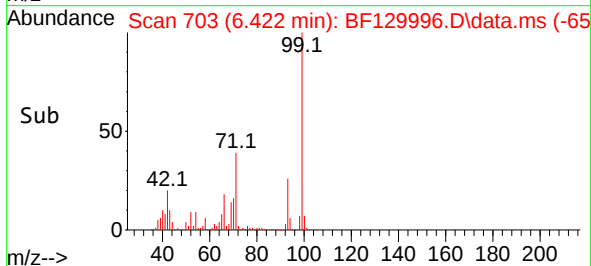
Instrument :
BNA_F
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Tgt Ion: 99 Resp: 136757
Ion Ratio Lower Upper
99 100
42 20.0 15.0 22.4
71 38.8 28.8 43.2

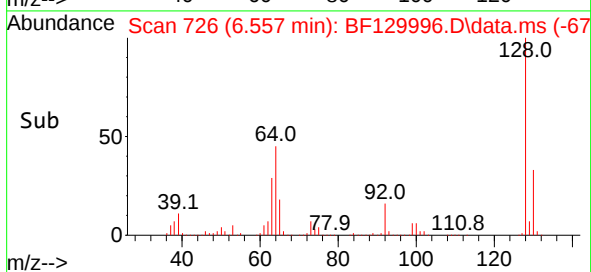
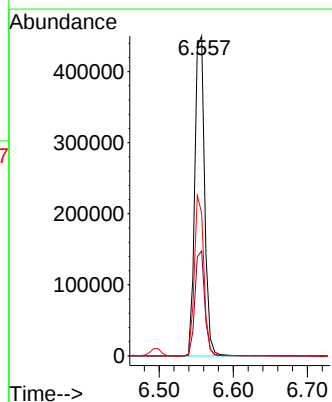
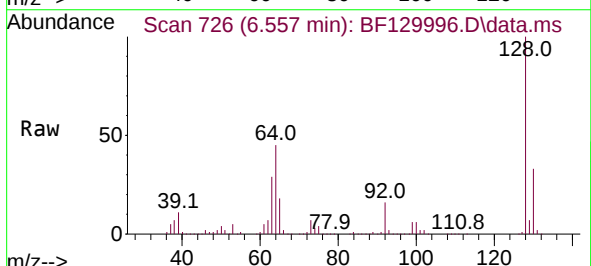
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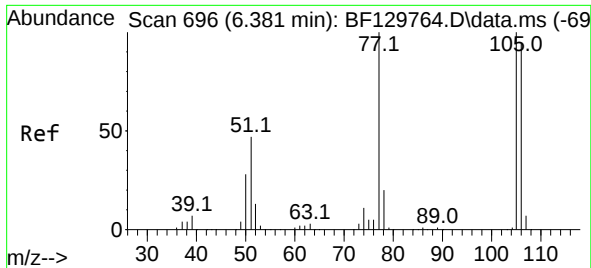
Reviewed By :Christian Giraldo 08/26/2022
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#8
2-Chlorophenol
Concen: 43.787 ng
RT: 6.557 min Scan# 726
Delta R.T. 0.000 min
Lab File: BF129996.D
Acq: 25 Aug 2022 12:57

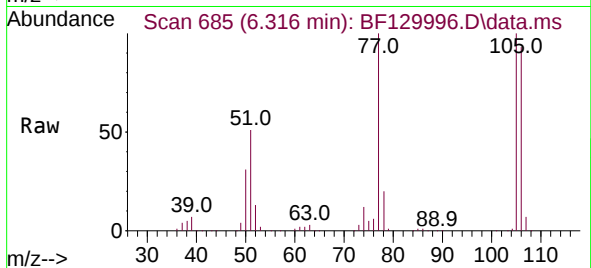
Tgt Ion:128 Resp: 416312
Ion Ratio Lower Upper
128 100
130 32.8 12.5 52.5
64 44.6 24.9 64.9





#9
Benzaldehyde
Concen: 37.290 ng
RT: 6.316 min Scan# 68
Delta R.T. 0.000 min
Lab File: BF129996.D
Acq: 25 Aug 2022 12:57

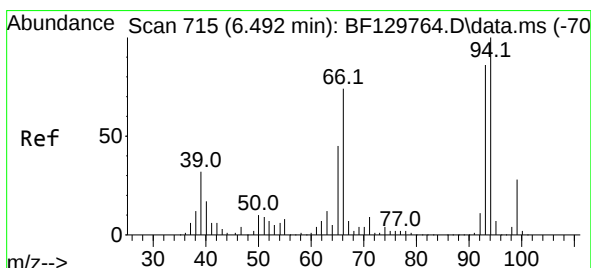
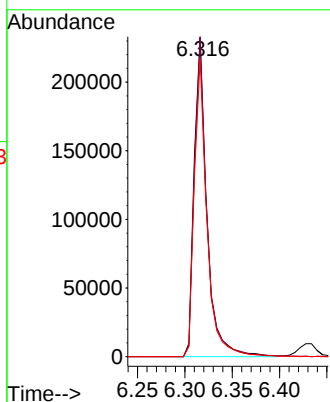
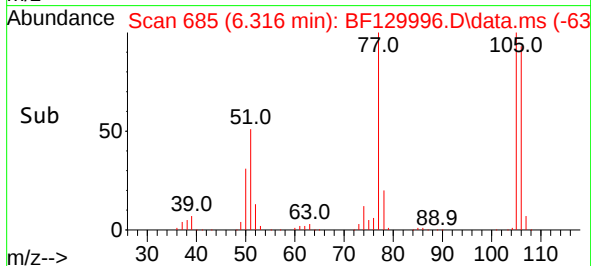
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 77 Resp: 216140
Ion Ratio Lower Upper
77 100
105 100.4 80.3 120.3
106 93.2 74.3 114.3

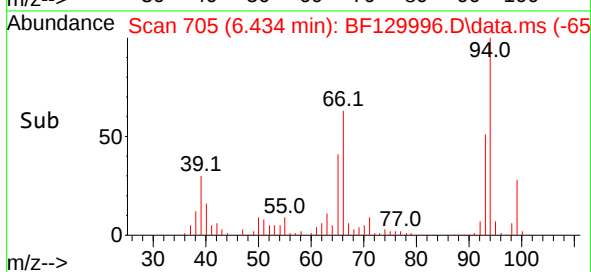
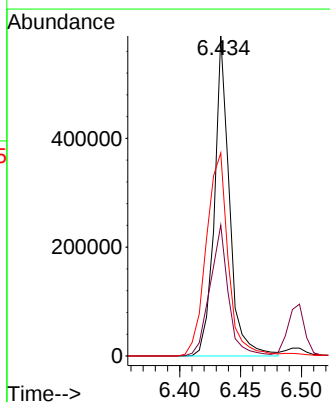
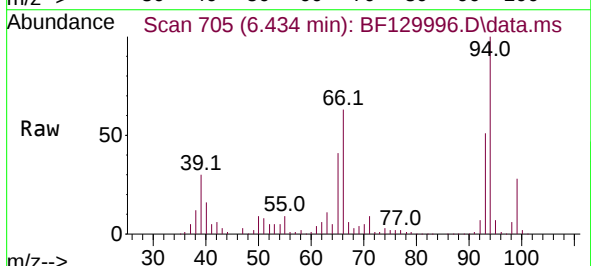
Manual Integrations
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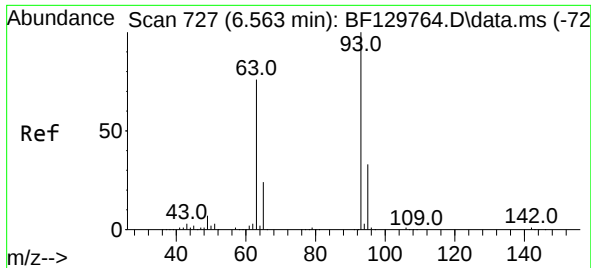
Reviewed By :Christian Giraldo 08/26/2022
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#10
Phenol
Concen: 43.117 ng
RT: 6.434 min Scan# 705
Delta R.T. 0.000 min
Lab File: BF129996.D
Acq: 25 Aug 2022 12:57

Tgt Ion: 94 Resp: 505839
Ion Ratio Lower Upper
94 100
65 40.9 24.9 64.9
66 63.4 54.2 94.2





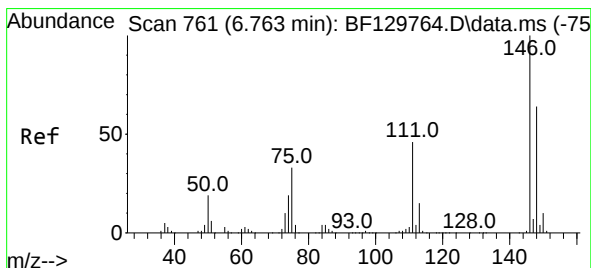
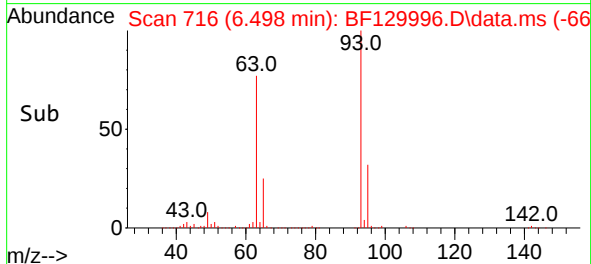
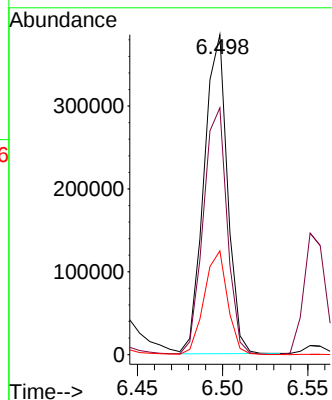
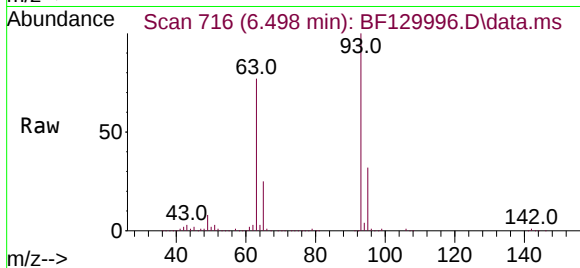
#11
bis(2-Chloroethyl)ether
Concen: 41.310 ng
RT: 6.498 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF129996.D
Acq: 25 Aug 2022 12:57

Instrument :
BNA_F
ClientSampleId :
PB147058BS

Tgt Ion: 93 Resp: 368021
Ion Ratio Lower Upper
93 100
63 77.1 55.9 95.9
95 32.4 12.3 52.3

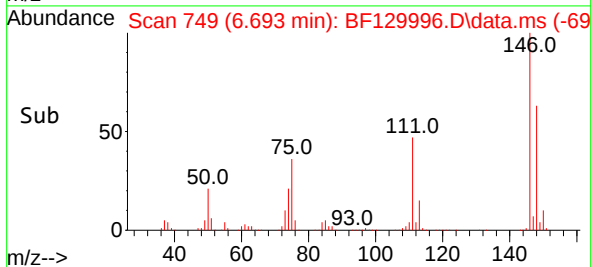
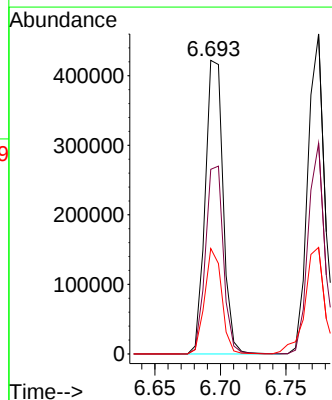
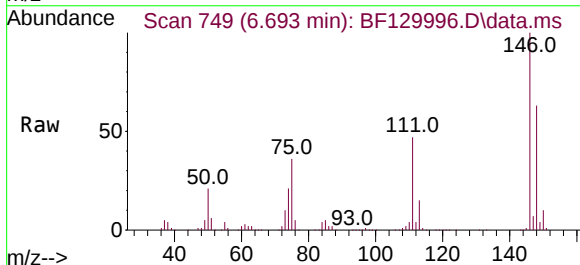
Manual Integrations
APPROVED

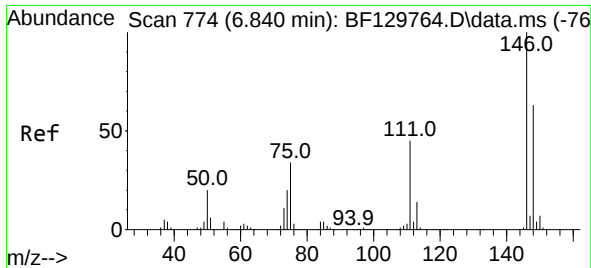
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#12
1,3-Dichlorobenzene
Concen: 39.078 ng
RT: 6.693 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF129996.D
Acq: 25 Aug 2022 12:57

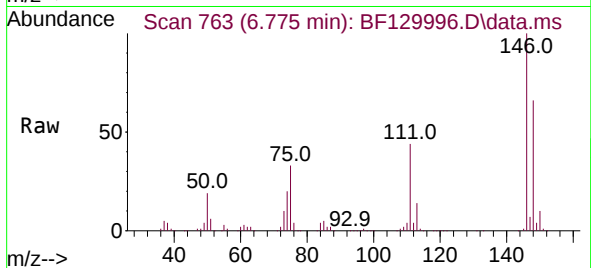
Tgt Ion:146 Resp: 401110
Ion Ratio Lower Upper
146 100
148 62.9 51.2 76.8
75 35.9 26.5 39.7





#13
1,4-Dichlorobenzene
Concen: 39.330 ng
RT: 6.775 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF129996.D
Acq: 25 Aug 2022 12:57

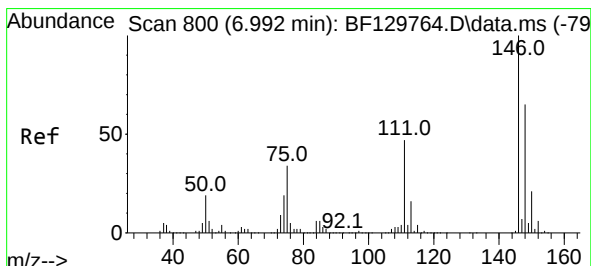
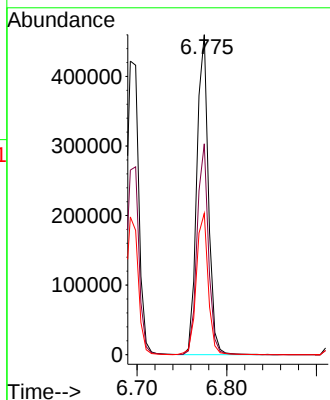
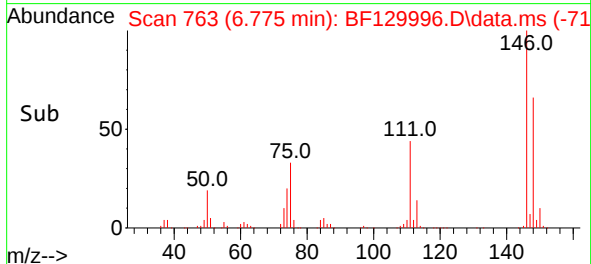
Instrument :
BNA_F
ClientSampleId :
PB147058BS



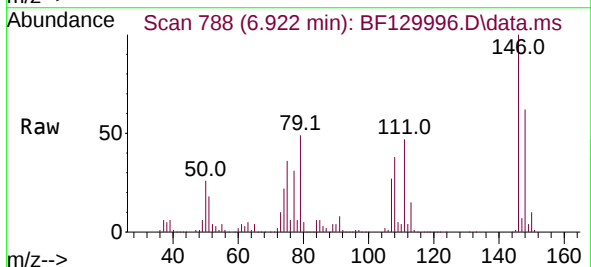
Tgt Ion:146 Resp: 412481
Ion Ratio Lower Upper
146 100
148 65.9 50.6 75.8
111 44.1 36.2 54.4

Manual Integrations
APPROVED

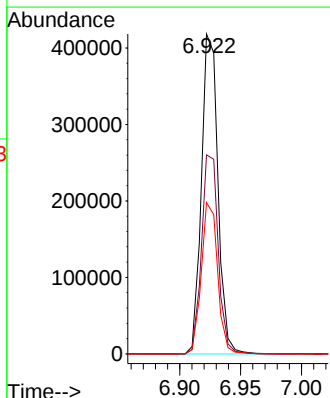
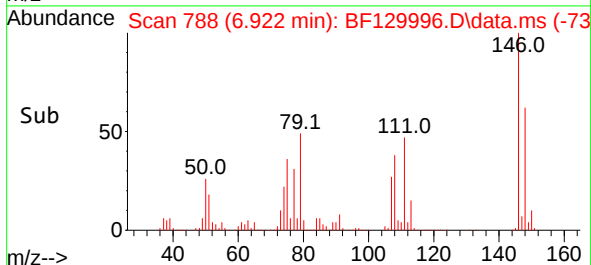
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

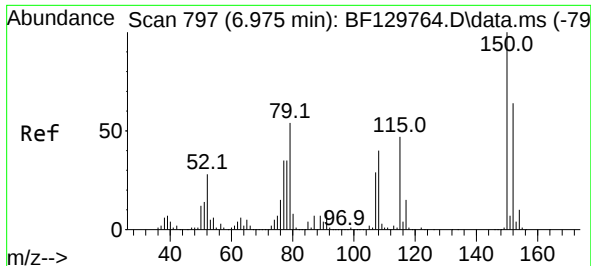


#14
1,2-Dichlorobenzene
Concen: 40.480 ng
RT: 6.922 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF129996.D
Acq: 25 Aug 2022 12:57



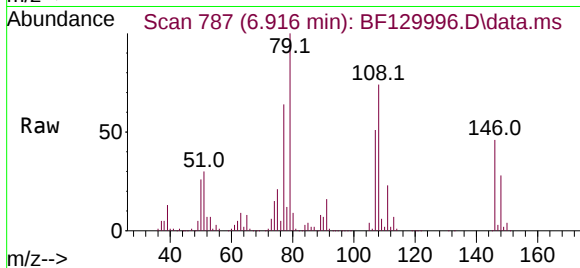
Tgt Ion:146 Resp: 394300
Ion Ratio Lower Upper
146 100
148 62.2 51.8 77.6
111 47.3 37.2 55.8





#15
Benzyl Alcohol
Concen: 44.104 ng
RT: 6.916 min Scan# 78
Delta R.T. 0.000 min
Lab File: BF129996.D
Acq: 25 Aug 2022 12:57

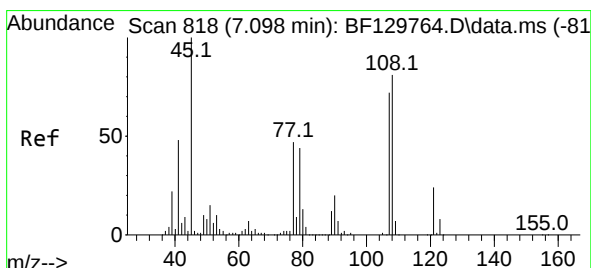
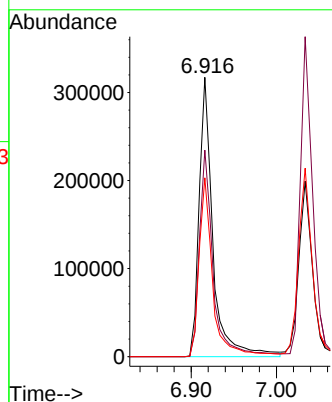
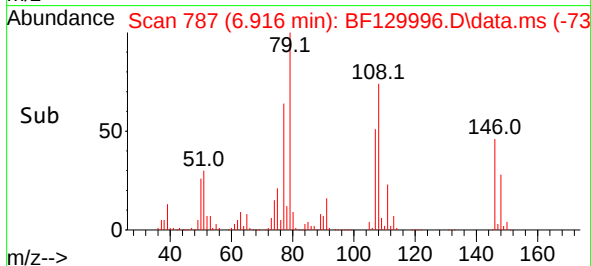
Instrument :
BNA_F
ClientSampleId :
PB147058BS



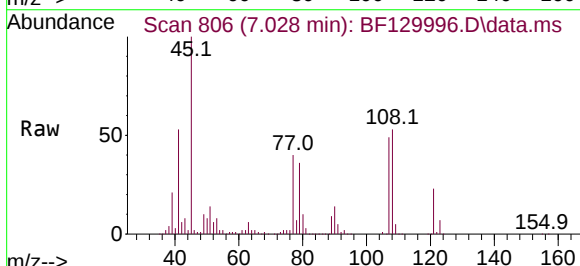
Tgt Ion: 79 Resp: 35610
Ion Ratio Lower Upper
79 100
108 74.0 59.2 88.8
77 64.0 51.9 77.9

Manual Integrations
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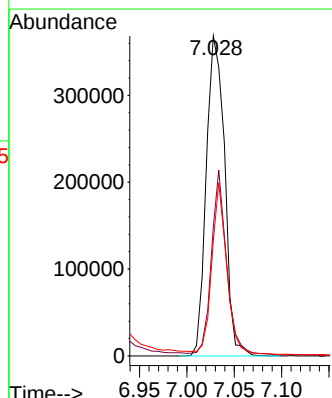
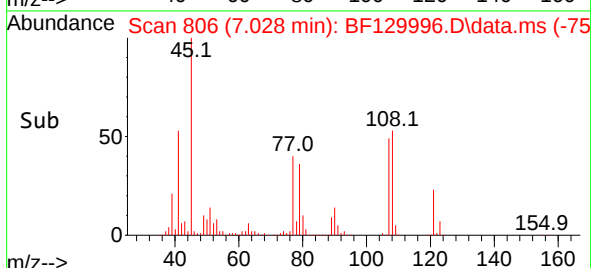
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

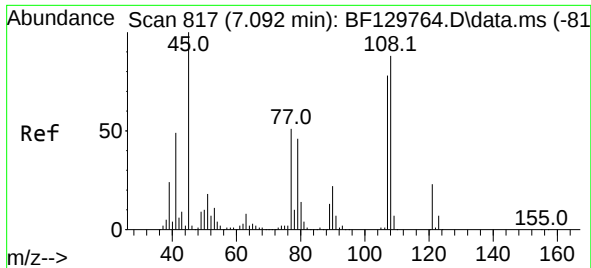


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.594 ng
RT: 7.028 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF129996.D
Acq: 25 Aug 2022 12:57



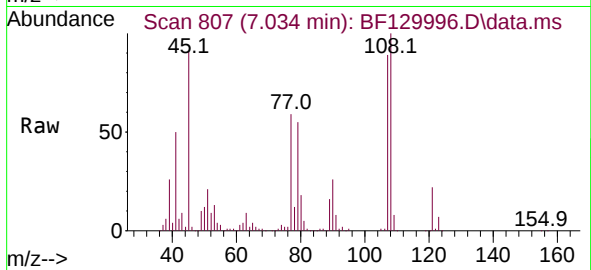
Tgt Ion: 45 Resp: 496526
Ion Ratio Lower Upper
45 100
77 40.3 27.4 67.4
79 36.0 24.4 64.4





#17
2-Methylphenol
Concen: 44.571 ng
RT: 7.034 min Scan# 807
Delta R.T. 0.000 min
Lab File: BF129996.D
Acq: 25 Aug 2022 12:57

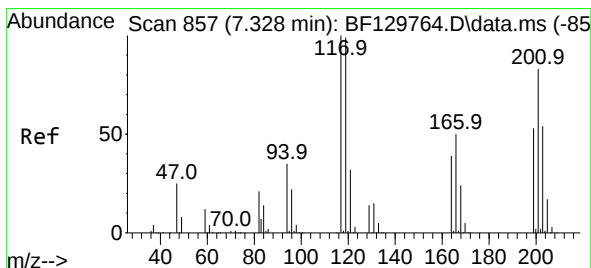
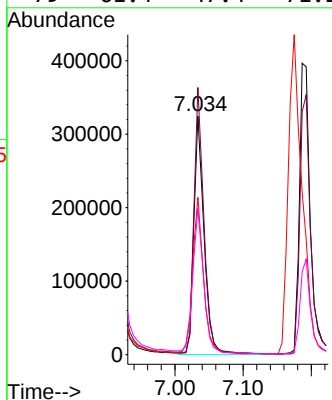
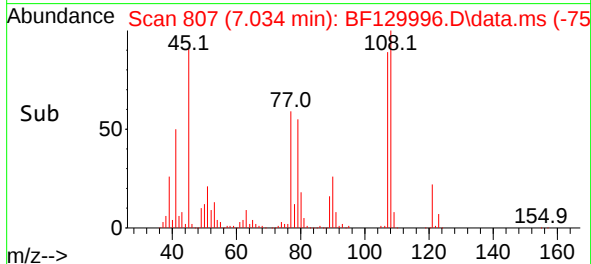
Instrument :
BNA_F
ClientSampleId :
PB147058BS



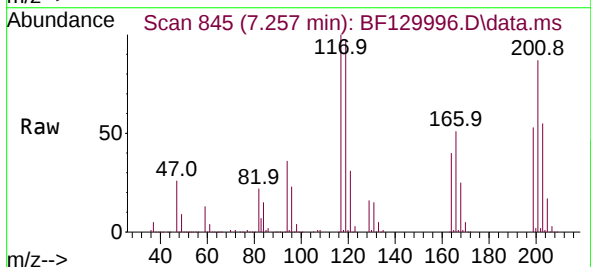
Tgt Ion:107 Resp: 34025
Ion Ratio Lower Upper
107 100
108 112.0 90.2 135.2
77 65.9 51.8 77.8
79 61.4 47.4 71.2

Manual Integrations
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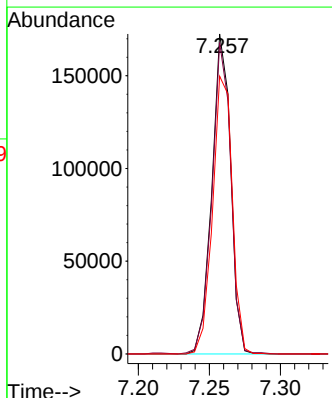
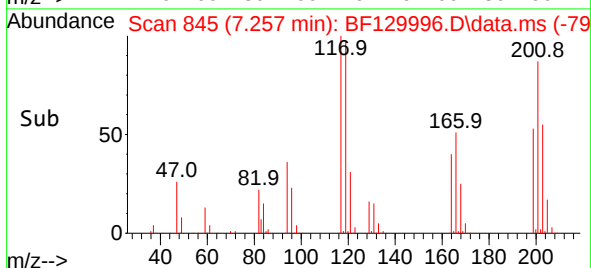
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

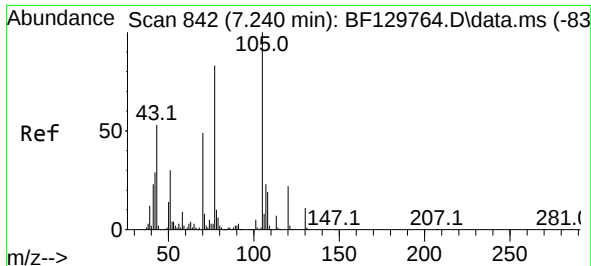


#18
Hexachloroethane
Concen: 40.345 ng
RT: 7.257 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF129996.D
Acq: 25 Aug 2022 12:57



Tgt Ion:117 Resp: 158893
Ion Ratio Lower Upper
117 100
119 97.3 79.1 118.7
201 86.8 66.6 100.0





#19

n-Nitroso-di-n-propylamine

Concen: 43.780 ng

RT: 7.181 min Scan# 842

Delta R.T. 0.000 min

Lab File: BF129996.D

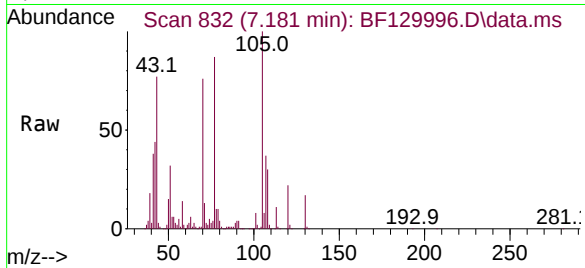
Acq: 25 Aug 2022 12:57

Instrument :

BNA_F

ClientSampleId :

PB147058BS



Tgt Ion: 70 Resp: 295968

Ion Ratio Lower Upper

70 100

42 57.4 47.6 71.4

101 10.1 8.1 12.1

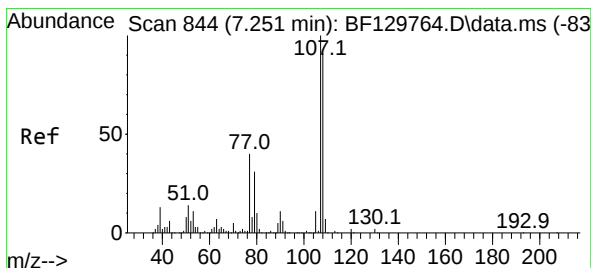
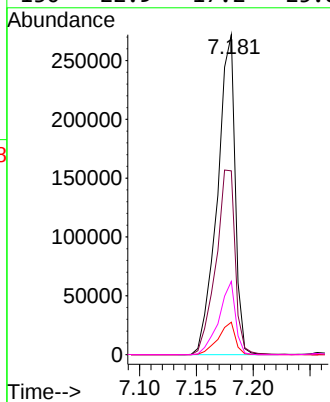
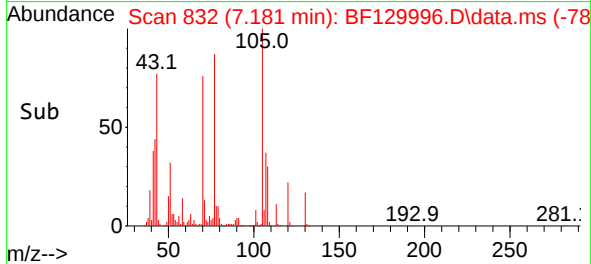
130 22.9 17.2 25.8

Manual Integrations

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Reviewed By :Christian Giraldo 08/26/2022

Supervised By :Jagrut Upadhyay 08/26/2022



#20

3+4-Methylphenols

Concen: 43.761 ng

RT: 7.187 min Scan# 833

Delta R.T. -0.006 min

Lab File: BF129996.D

Acq: 25 Aug 2022 12:57

Tgt Ion:107 Resp: 448444

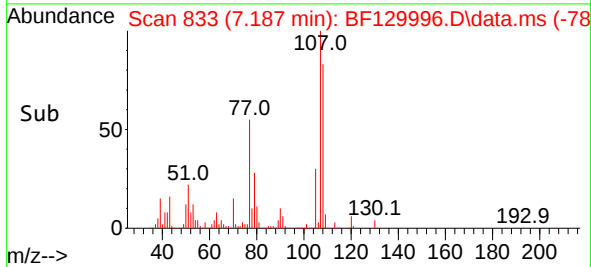
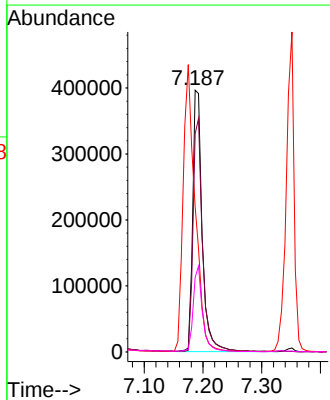
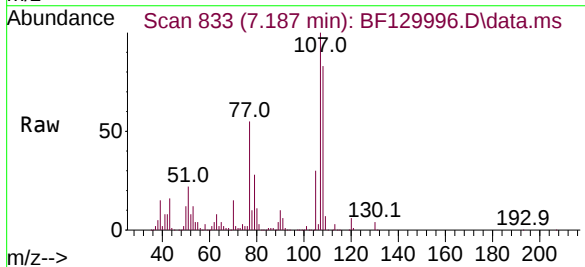
Ion Ratio Lower Upper

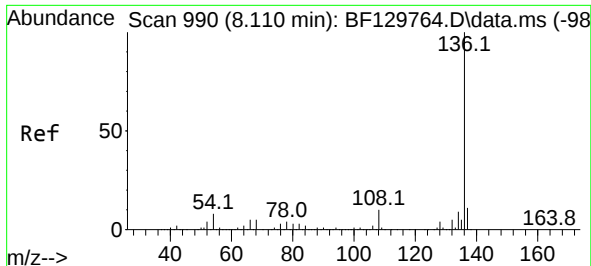
107 100

108 83.4 71.3 111.3

77 55.4 20.4 60.4

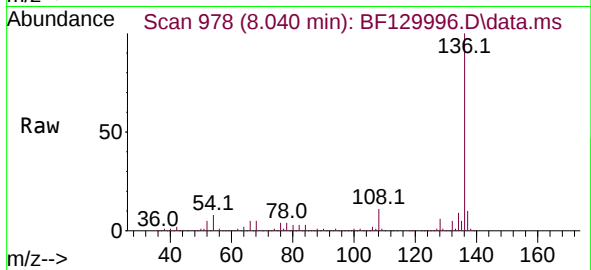
79 28.5 11.1 51.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.040 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF129996.D
Acq: 25 Aug 2022 12:57

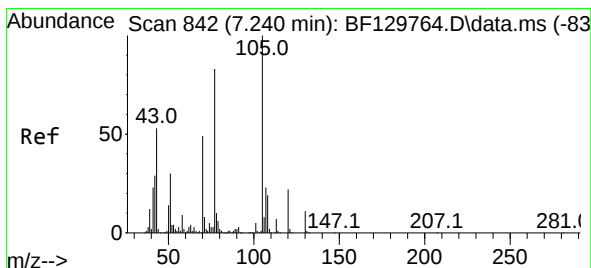
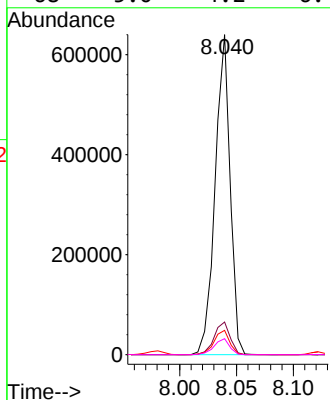
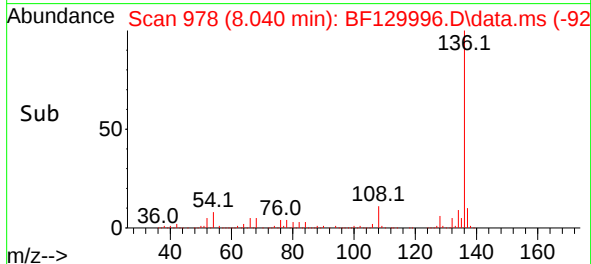
Instrument :
BNA_F
ClientSampleId :
PB147058BS



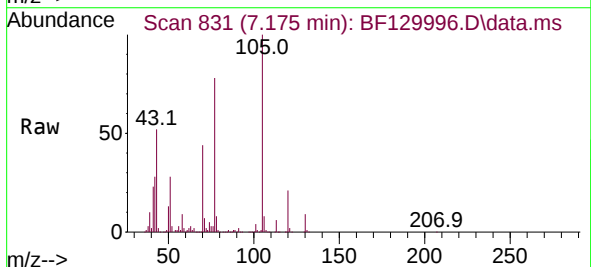
Tgt Ion:136 Resp: 585545
Ion Ratio Lower Upper
136 100
137 10.2 8.4 12.6
54 7.6 6.2 9.2
68 5.0 4.2 6.4

Manual Integrations
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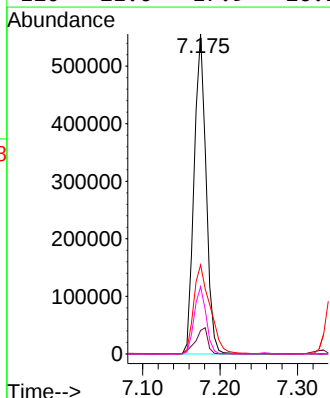
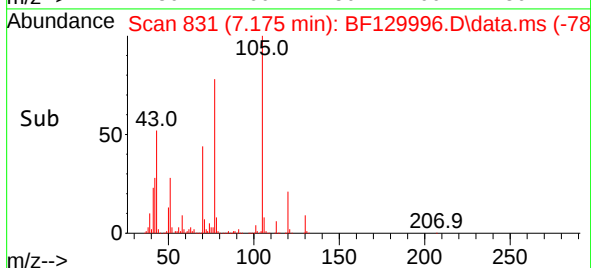
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

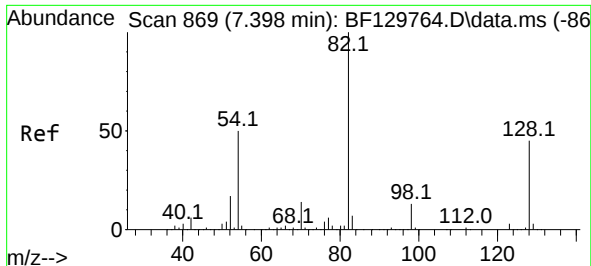


#22
Acetophenone
Concen: 41.725 ng
RT: 7.175 min Scan# 831
Delta R.T. 0.000 min
Lab File: BF129996.D
Acq: 25 Aug 2022 12:57



Tgt Ion:105 Resp: 595377
Ion Ratio Lower Upper
105 100
71 7.3 6.6 9.8
51 27.8 23.8 35.8
120 21.0 17.9 26.9





#23

Nitrobenzene-d5

Concen: 84.357 ng

RT: 7.334 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF129996.D

Acq: 25 Aug 2022 12:57

Instrument :

BNA_F

ClientSampleId :

PB147058BS

Tgt Ion: 82 Resp: 922720

Ion Ratio Lower Upper

82 100

128 43.0 36.1 54.1

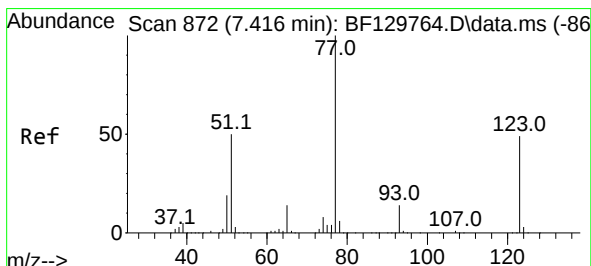
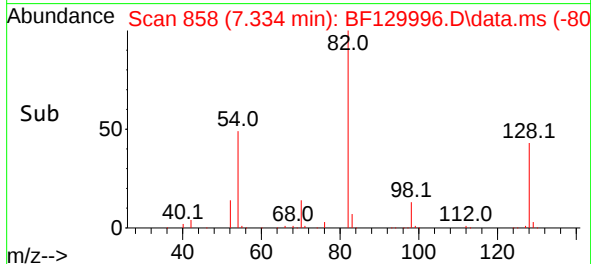
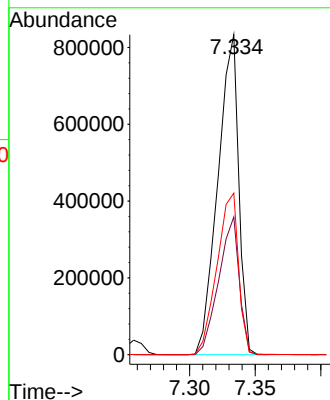
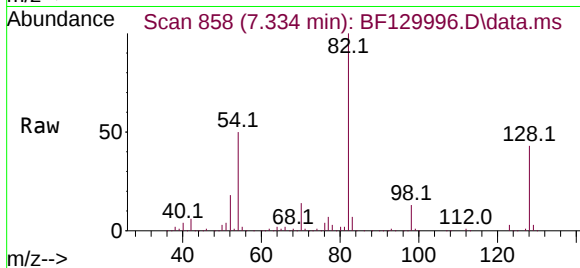
54 50.5 40.0 60.0

Manual Integrations

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Reviewed By :Christian Giraldo 08/26/2022

Supervised By :Jagrut Upadhyay 08/26/2022



#24

Nitrobenzene

Concen: 40.584 ng

RT: 7.351 min Scan# 861

Delta R.T. 0.000 min

Lab File: BF129996.D

Acq: 25 Aug 2022 12:57

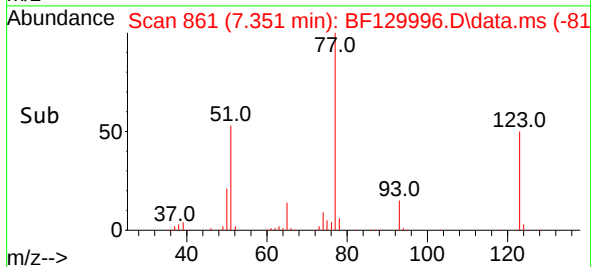
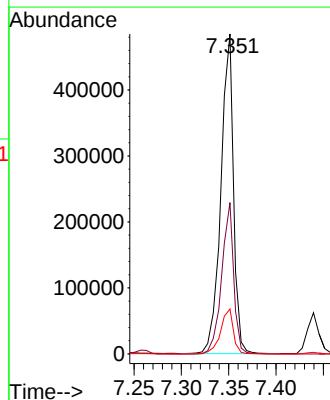
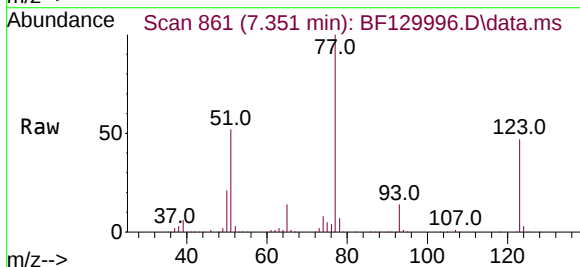
Tgt Ion: 77 Resp: 447629

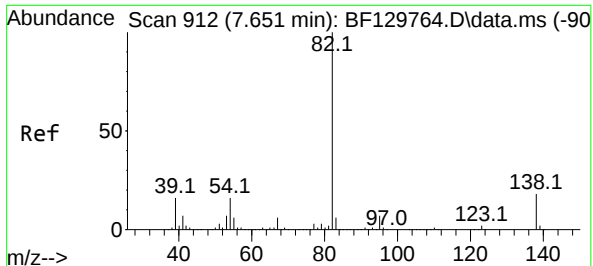
Ion Ratio Lower Upper

77 100

123 47.3 39.2 58.8

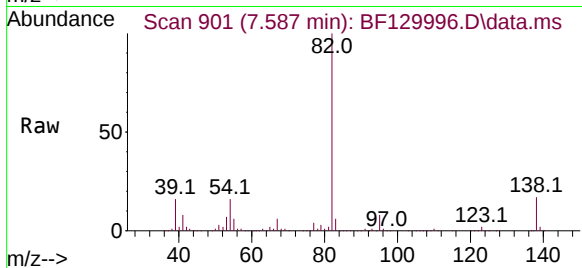
65 14.0 11.1 16.7





#25
Isophorone
Concen: 42.618 ng
RT: 7.587 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF129996.D
Acq: 25 Aug 2022 12:57

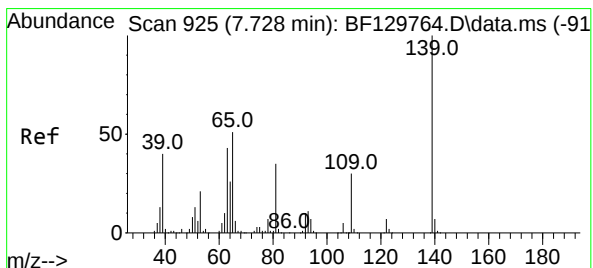
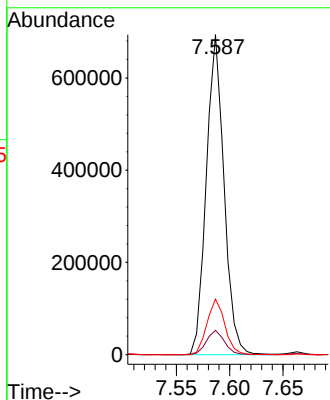
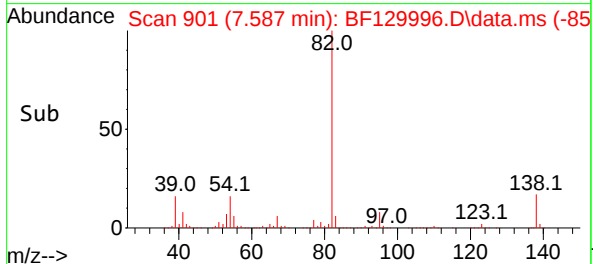
Instrument :
BNA_F
ClientSampleId :
PB147058BS



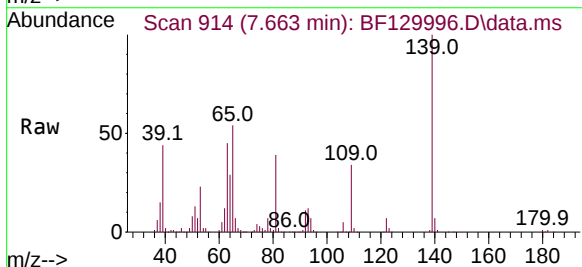
Tgt Ion: 82 Resp: 802341
Ion Ratio Lower Upper
82 100
95 7.6 5.9 8.9
138 17.3 14.6 21.8

Manual Integrations
APPROVED

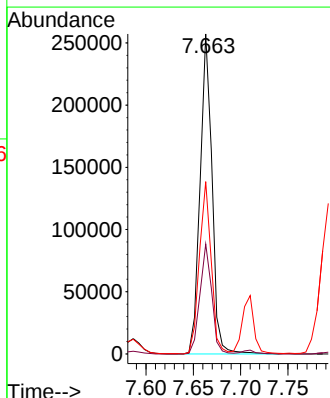
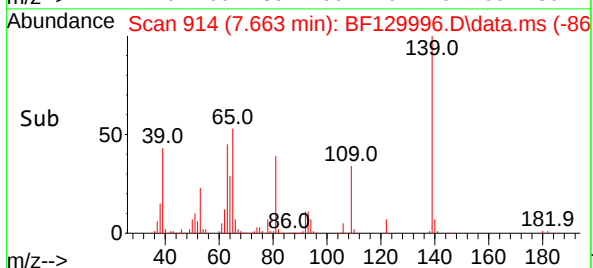
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

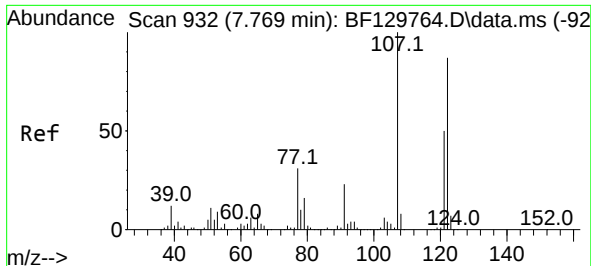


#26
2-Nitrophenol
Concen: 41.406 ng
RT: 7.663 min Scan# 914
Delta R.T. 0.000 min
Lab File: BF129996.D
Acq: 25 Aug 2022 12:57



Tgt Ion:139 Resp: 224639
Ion Ratio Lower Upper
139 100
109 34.3 24.4 36.6
65 53.8 40.9 61.3





#27

2,4-Dimethylphenol

Concen: 46.576 ng

RT: 7.710 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF129996.D

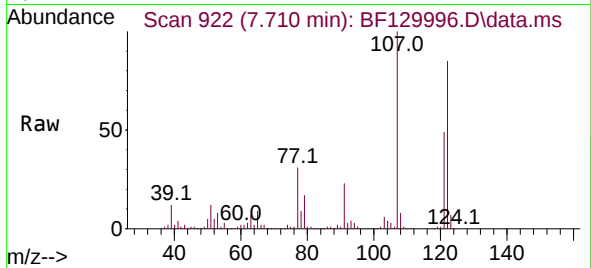
Acq: 25 Aug 2022 12:57

Instrument :

BNA_F

ClientSampleId :

PB147058BS



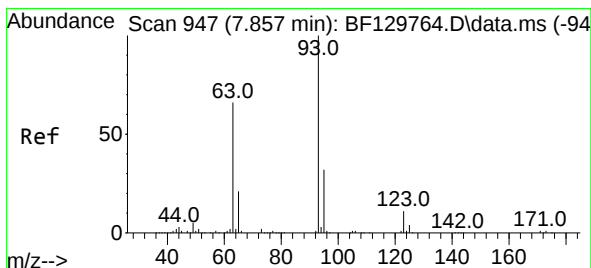
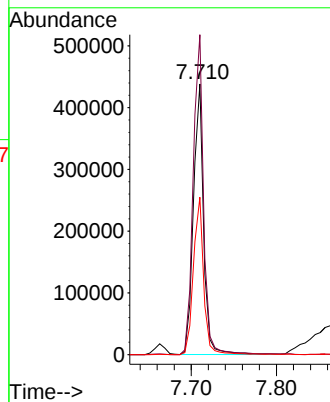
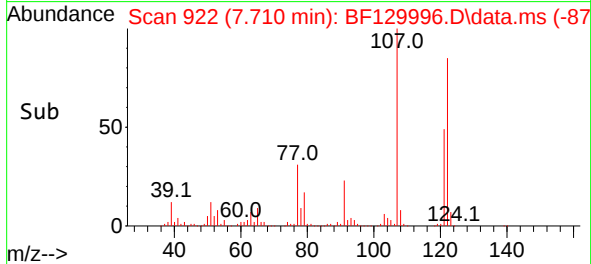
Tgt Ion:	122	Resp:	362385
Ion	Ratio	Lower	Upper
122	100		
107	118.3	92.2	138.4
121	58.2	46.1	69.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/26/2022

Supervised By :Jagrut Upadhyay 08/26/2022



#28

bis(2-Chloroethoxy)methane

Concen: 43.650 ng

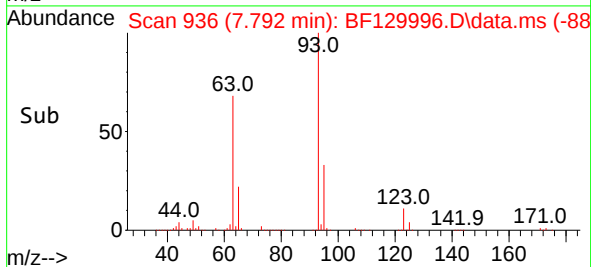
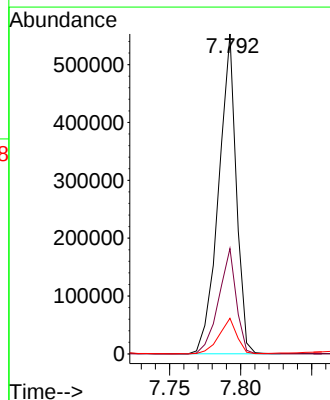
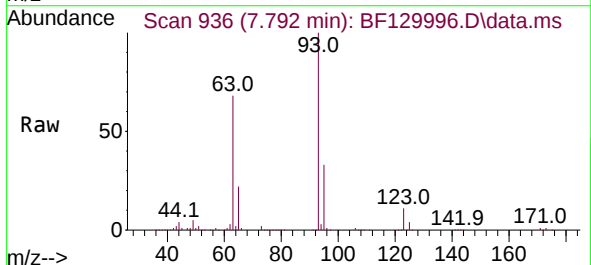
RT: 7.792 min Scan# 936

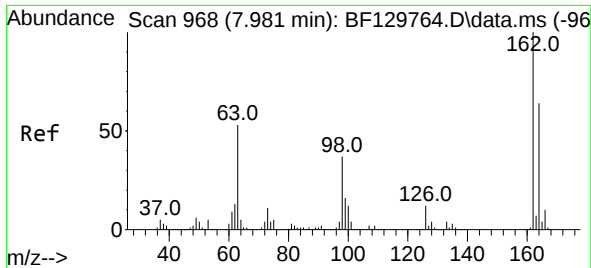
Delta R.T. 0.000 min

Lab File: BF129996.D

Acq: 25 Aug 2022 12:57

Tgt Ion:	93	Resp:	479817
Ion	Ratio	Lower	Upper
93	100		
95	32.9	25.6	38.4
123	11.2	9.0	13.4





#29

2,4-Dichlorophenol

Concen: 40.890 ng

RT: 7.916 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF129996.D

Acq: 25 Aug 2022 12:57

Instrument :

BNA_F

ClientSampleId :

PB147058BS

Tgt Ion:162 Resp: 347882

Ion Ratio Lower Upper

162 100

164 63.2 43.7 83.7

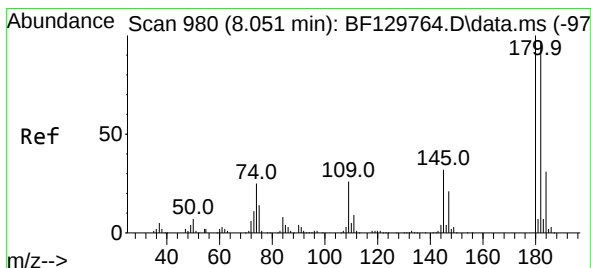
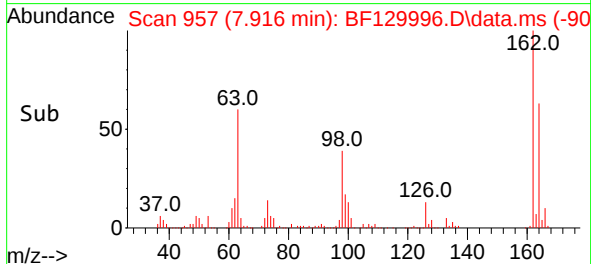
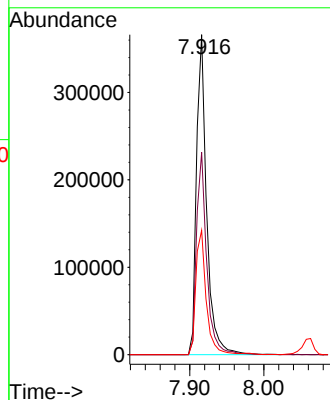
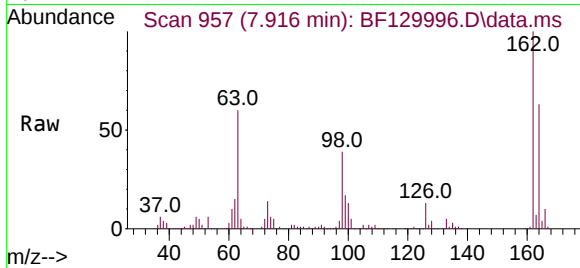
98 38.8 16.5 56.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/26/2022

Supervised By :Jagrut Upadhyay 08/26/2022



#30

1,2,4-Trichlorobenzene

Concen: 38.174 ng

RT: 7.981 min Scan# 968

Delta R.T. 0.000 min

Lab File: BF129996.D

Acq: 25 Aug 2022 12:57

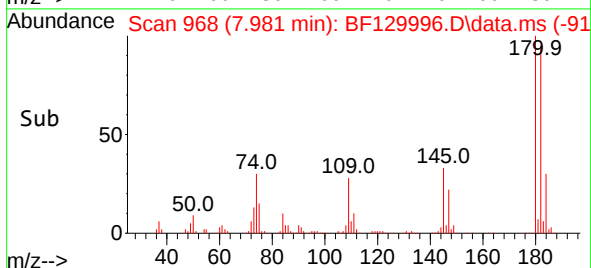
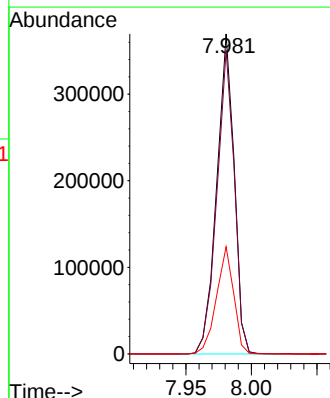
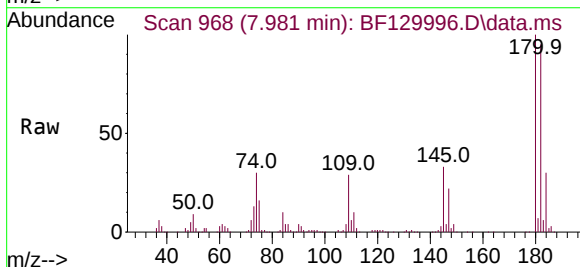
Tgt Ion:180 Resp: 342623

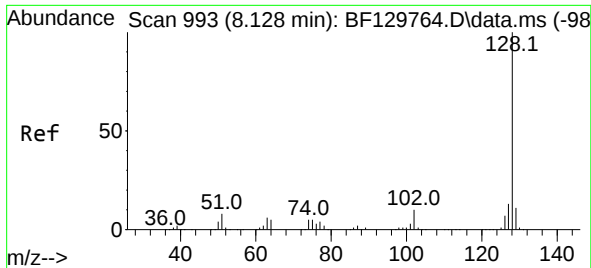
Ion Ratio Lower Upper

180 100

182 94.9 77.6 116.4

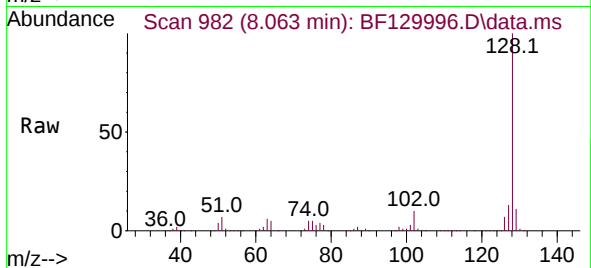
145 33.5 25.6 38.4





#31
Naphthalene
Concen: 38.168 ng
RT: 8.063 min Scan# 982
Delta R.T. 0.000 min
Lab File: BF129996.D
Acq: 25 Aug 2022 12:57

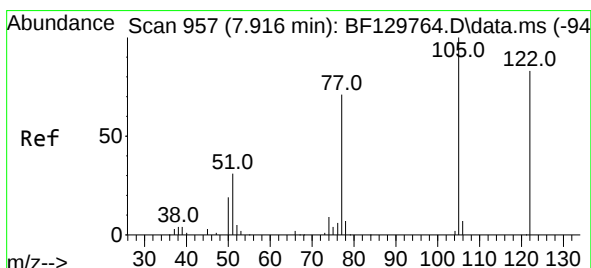
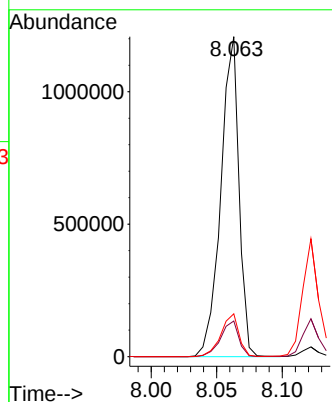
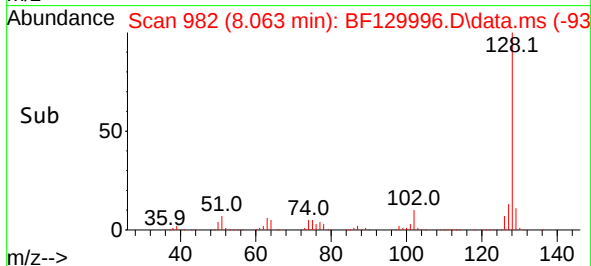
Instrument :
BNA_F
ClientSampleId :
PB147058BS



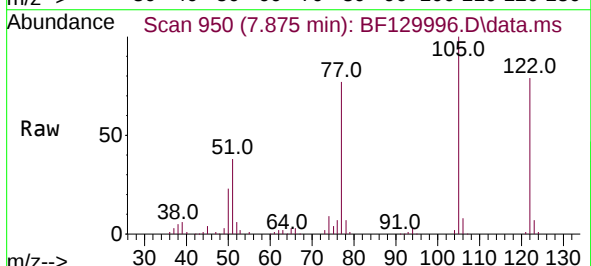
Tgt Ion:128 Resp: 116853
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.4 10.7 16.1

Manual Integrations
APPROVED

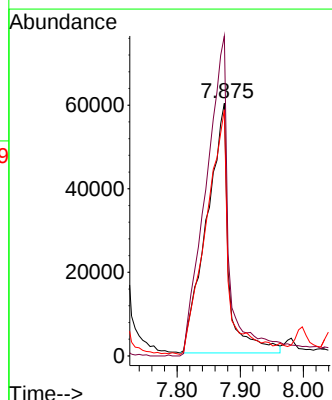
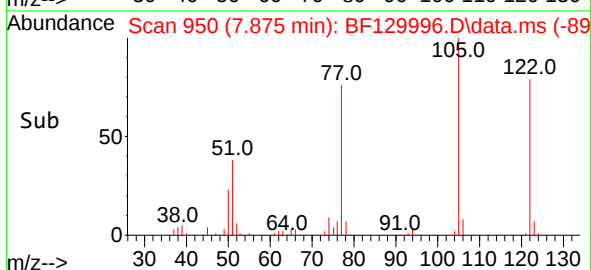
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

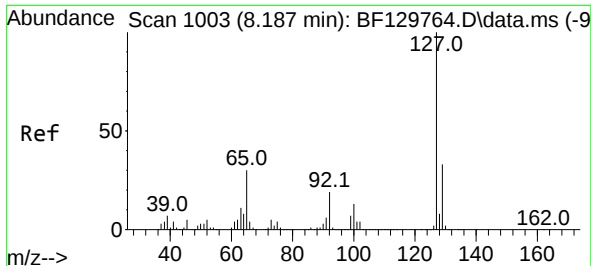


#32
Benzoic acid
Concen: 43.183 ng
RT: 7.875 min Scan# 950
Delta R.T. 0.012 min
Lab File: BF129996.D
Acq: 25 Aug 2022 12:57



Tgt Ion:122 Resp: 145681
Ion Ratio Lower Upper
122 100
105 126.6 99.9 139.9
77 97.4 65.9 105.9





#33
4-Chloroaniline
Concen: 36.538 ng
RT: 8.122 min Scan# 99
Delta R.T. 0.000 min
Lab File: BF129996.D
Acq: 25 Aug 2022 12:57

Instrument :

BNA_F

ClientSampleId :

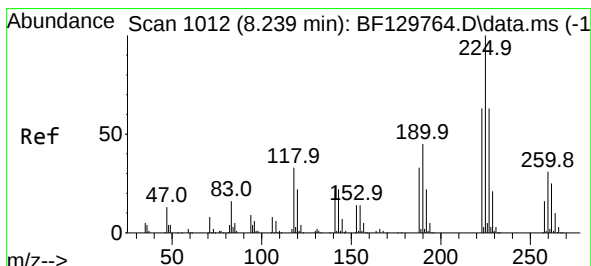
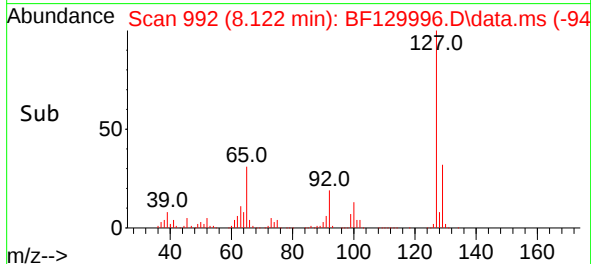
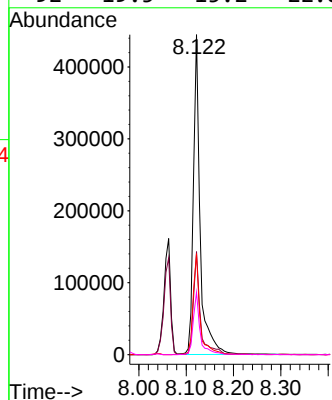
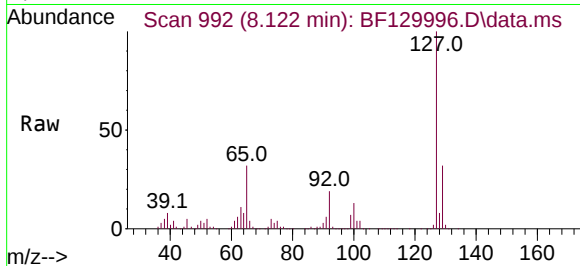
PB147058BS

Tgt Ion:127 Resp: 439899
Ion Ratio Lower Upper
127 100
129 32.2 26.7 40.1
65 31.5 24.2 36.2
92 19.5 15.2 22.8

Manual Integrations

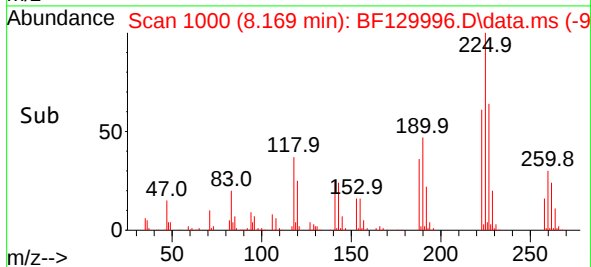
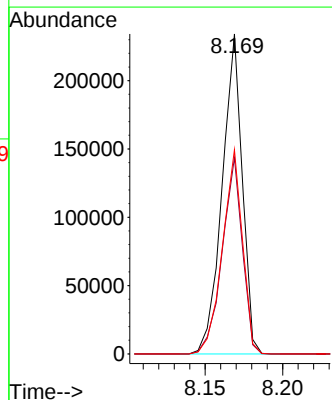
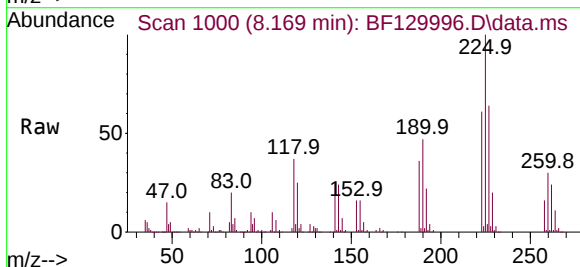
APPROVED

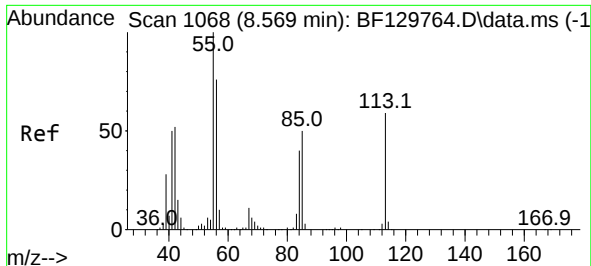
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#34
Hexachlorobutadiene
Concen: 38.648 ng
RT: 8.169 min Scan# 1000
Delta R.T. 0.000 min
Lab File: BF129996.D
Acq: 25 Aug 2022 12:57

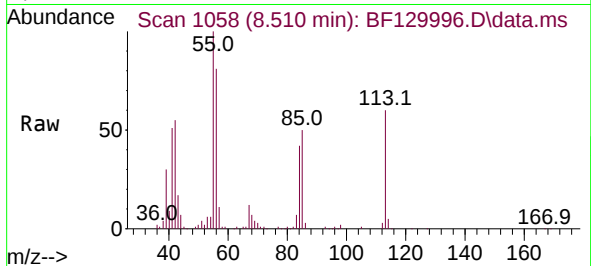
Tgt Ion:225 Resp: 211215
Ion Ratio Lower Upper
225 100
223 61.3 50.2 75.2
227 63.8 50.6 75.8





#35
Caprolactam
Concen: 42.358 ng m
RT: 8.510 min Scan# 1068
Delta R.T. 0.000 min
Lab File: BF129996.D
Acq: 25 Aug 2022 12:57

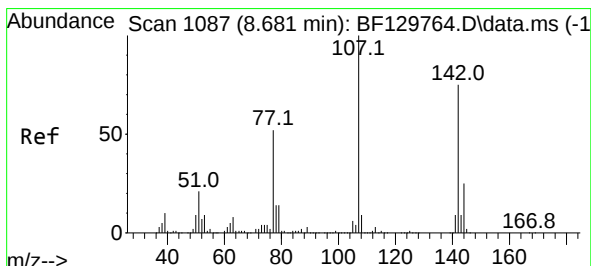
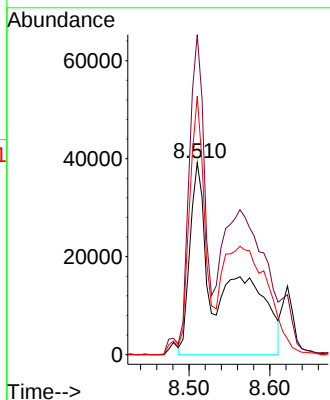
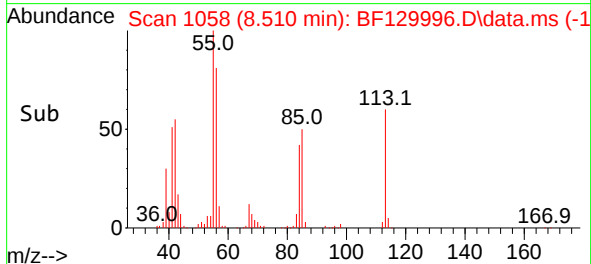
Instrument :
BNA_F
ClientSampleId :
PB147058BS



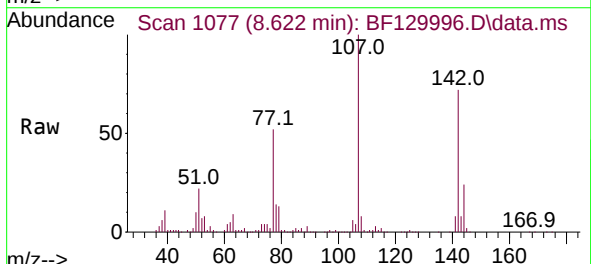
Tgt Ion:113 Resp: 112065
Ion Ratio Lower Upper
113 100
55 166.7 148.8 188.8
56 134.6 109.1 149.1

Manual Integrations
APPROVED

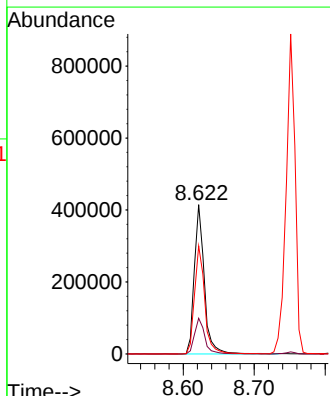
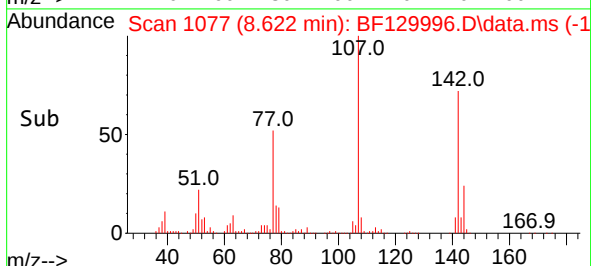
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

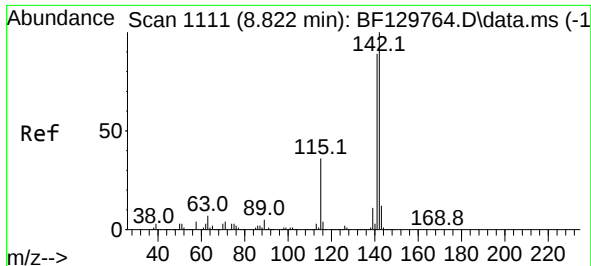


#36
4-Chloro-3-methylphenol
Concen: 44.100 ng
RT: 8.622 min Scan# 1077
Delta R.T. 0.006 min
Lab File: BF129996.D
Acq: 25 Aug 2022 12:57



Tgt Ion:107 Resp: 404759
Ion Ratio Lower Upper
107 100
144 23.8 19.9 29.9
142 72.4 60.2 90.4





#37

2-Methylnaphthalene

Concen: 39.120 ng

RT: 8.751 min Scan# 1109

Delta R.T. 0.000 min

Lab File: BF129996.D

Acq: 25 Aug 2022 12:57

Instrument :

BNA_F

ClientSampleId :

PB147058BS

Tgt Ion:142 Resp: 786091

Ion Ratio Lower Upper

142 100

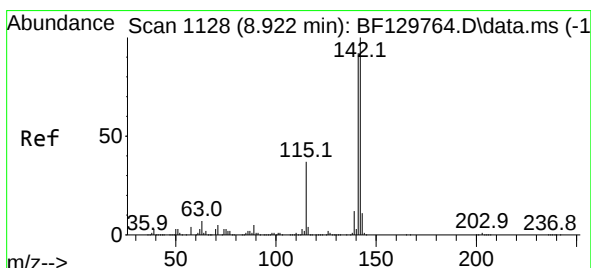
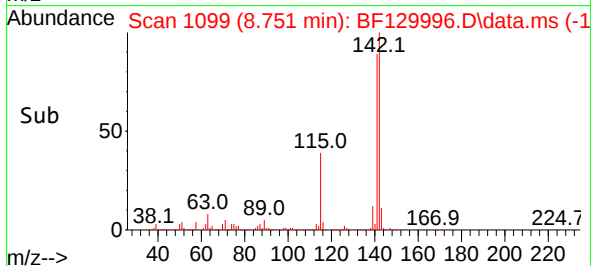
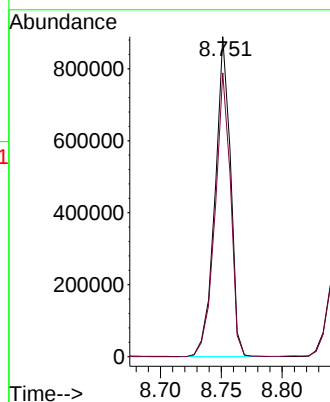
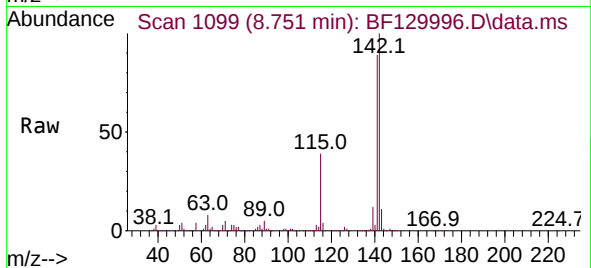
141 88.7 70.9 106.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/26/2022

Supervised By :Jagrut Upadhyay 08/26/2022



#38

1-Methylnaphthalene

Concen: 38.198 ng

RT: 8.851 min Scan# 1116

Delta R.T. 0.000 min

Lab File: BF129996.D

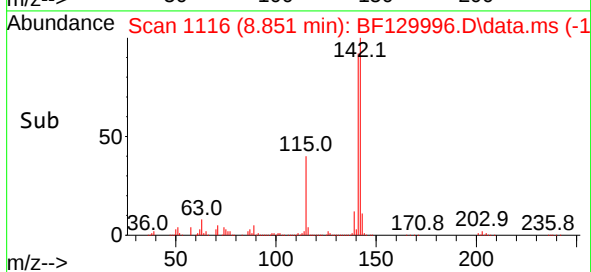
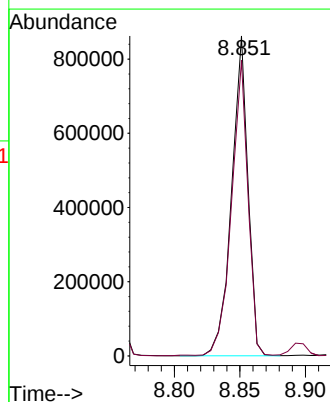
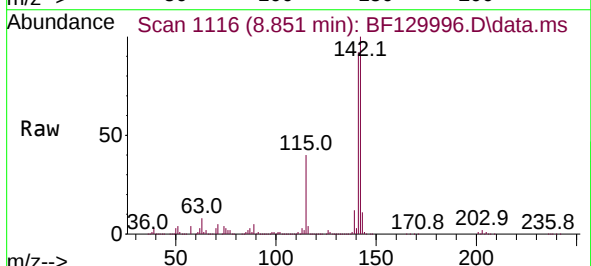
Acq: 25 Aug 2022 12:57

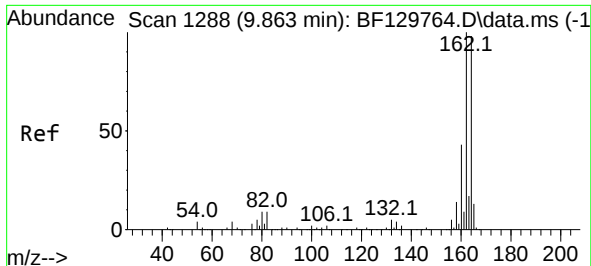
Tgt Ion:142 Resp: 745948

Ion Ratio Lower Upper

142 100

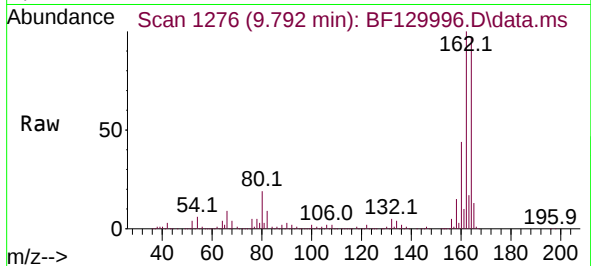
141 92.4 73.5 110.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 1127
Delta R.T. 0.000 min
Lab File: BF129996.D
Acq: 25 Aug 2022 12:57

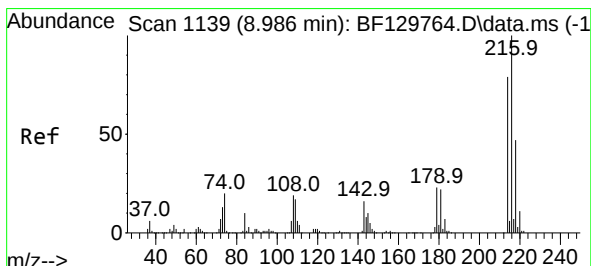
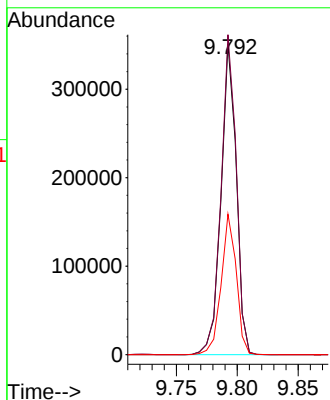
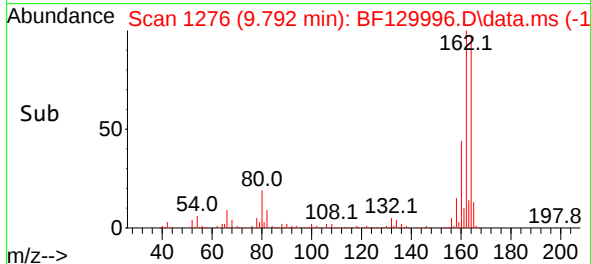
Instrument :
BNA_F
ClientSampleId :
PB147058BS



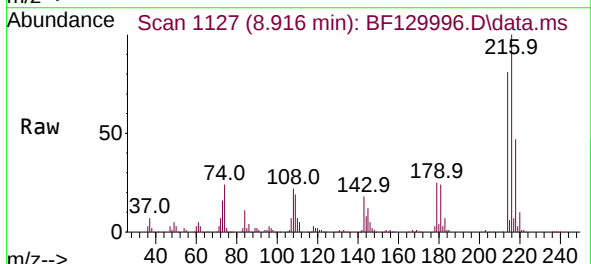
Tgt Ion:164 Resp: 306784
Ion Ratio Lower Upper
164 100
162 103.0 82.0 123.0
160 45.2 35.4 53.0

Manual Integrations
APPROVED

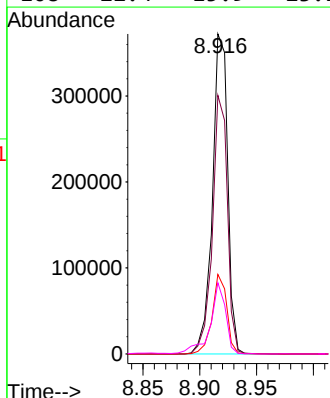
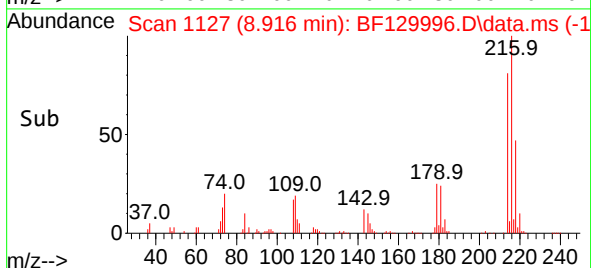
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

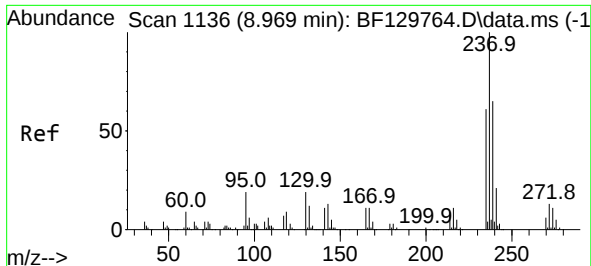


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.835 ng
RT: 8.916 min Scan# 1127
Delta R.T. 0.000 min
Lab File: BF129996.D
Acq: 25 Aug 2022 12:57



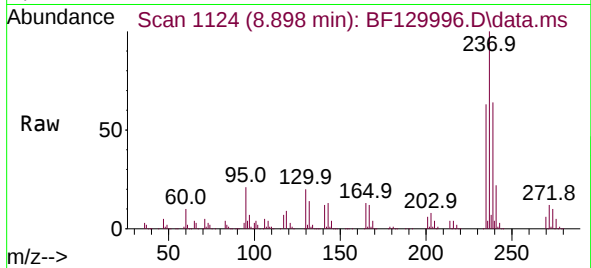
Tgt Ion:216 Resp: 348432
Ion Ratio Lower Upper
216 100
214 79.0 63.1 94.7
179 23.6 18.1 27.1
108 22.4 15.9 23.9





#41
Hexachlorocyclopentadiene
Concen: 78.673 ng
RT: 8.898 min Scan# 1124
Delta R.T. 0.000 min
Lab File: BF129996.D
Acq: 25 Aug 2022 12:57

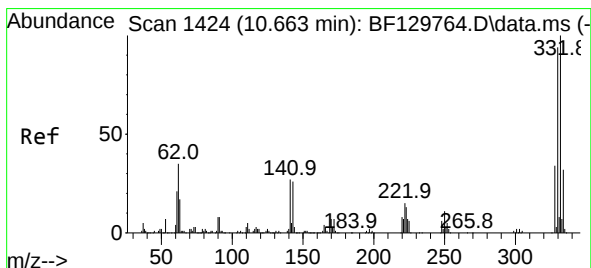
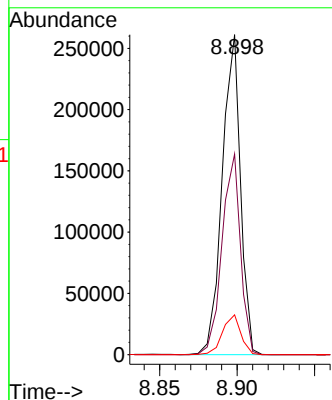
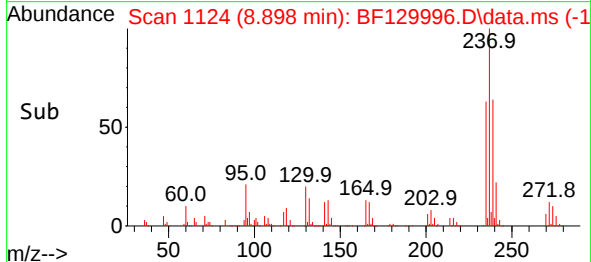
Instrument :
BNA_F
ClientSampleId :
PB147058BS



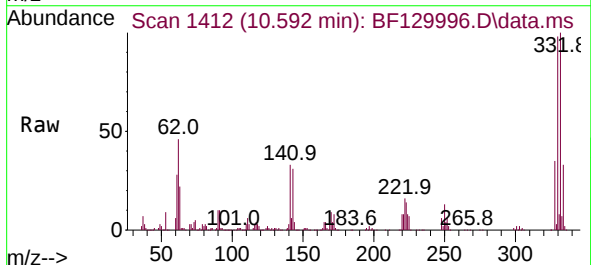
Tgt Ion:237 Resp: 215048
Ion Ratio Lower Upper
237 100
235 62.7 41.5 81.5
272 12.4 0.0 33.3

Manual Integrations
APPROVED

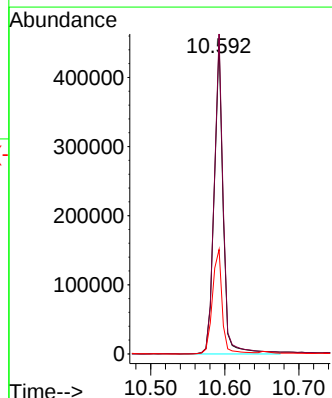
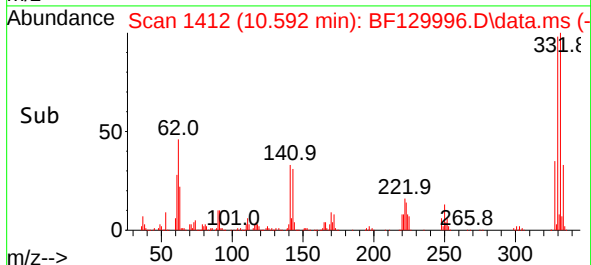
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

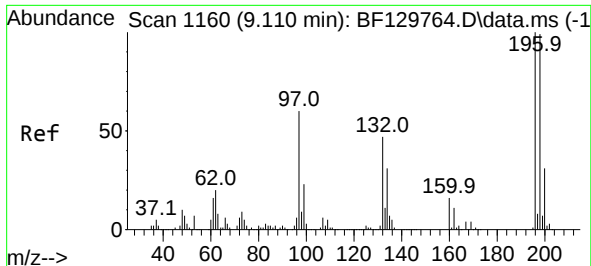


#42
2,4,6-Tribromophenol
Concen: 124.038 ng
RT: 10.592 min Scan# 1412
Delta R.T. 0.006 min
Lab File: BF129996.D
Acq: 25 Aug 2022 12:57



Tgt Ion:330 Resp: 381918
Ion Ratio Lower Upper
330 100
332 104.9 82.6 124.0
141 36.3 27.6 41.4





#43

2,4,6-Trichlorophenol

Concen: 39.222 ng

RT: 9.045 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF129996.D

Acq: 25 Aug 2022 12:57

Instrument :

BNA_F

ClientSampleId :

PB147058BS

Tgt Ion:196 Resp: 21744

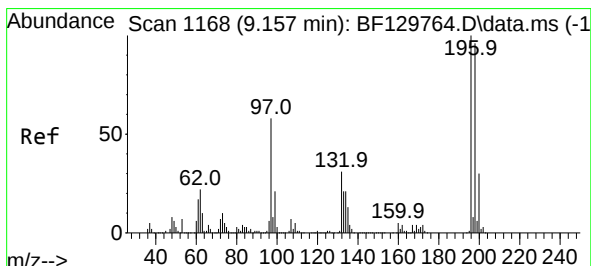
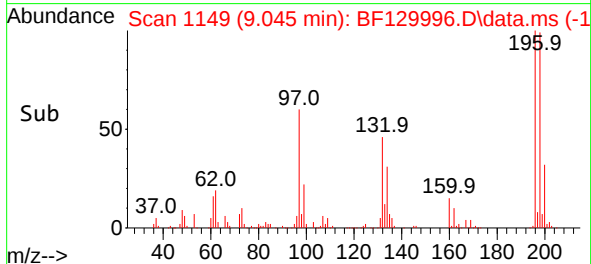
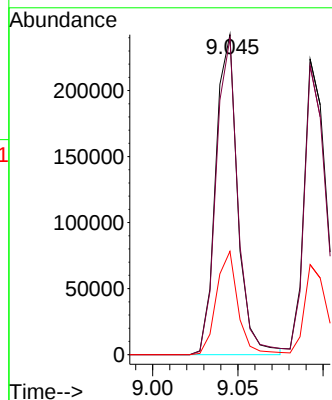
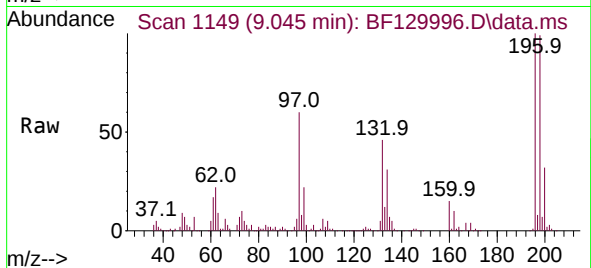
Ion	Ratio	Lower	Upper
196	100		
198	98.9	79.0	118.4
200	32.3	25.1	37.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/26/2022

Supervised By :Jagrut Upadhyay 08/26/2022



#44

2,4,5-Trichlorophenol

Concen: 39.042 ng

RT: 9.092 min Scan# 1157

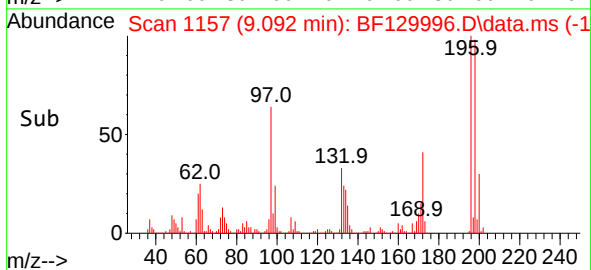
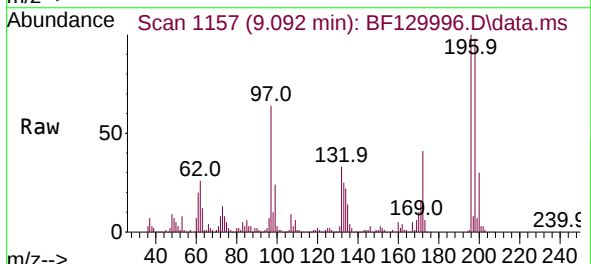
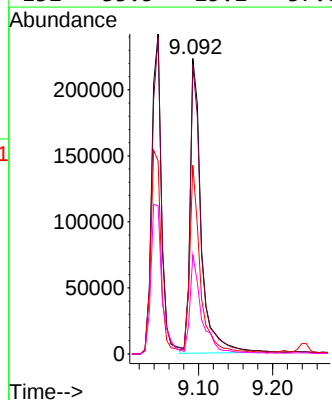
Delta R.T. 0.000 min

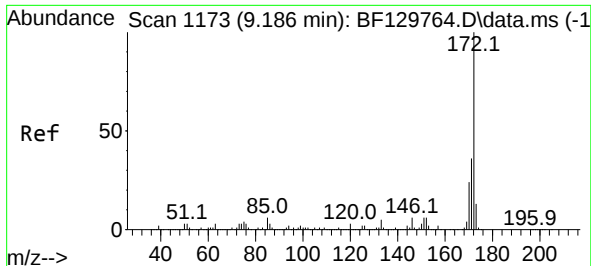
Lab File: BF129996.D

Acq: 25 Aug 2022 12:57

Tgt Ion:196 Resp: 232864

Ion	Ratio	Lower	Upper
196	100		
198	97.7	76.4	114.6
97	63.8	46.5	69.7
132	33.5	25.2	37.8





#45

2-Fluorobiphenyl

Concen: 83.504 ng

RT: 9.116 min Scan# 1173

Delta R.T. 0.000 min

Lab File: BF129996.D

Acq: 25 Aug 2022 12:57

Instrument :

BNA_F

ClientSampleId :

PB147058BS

Tgt Ion:172 Resp: 1686700

Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

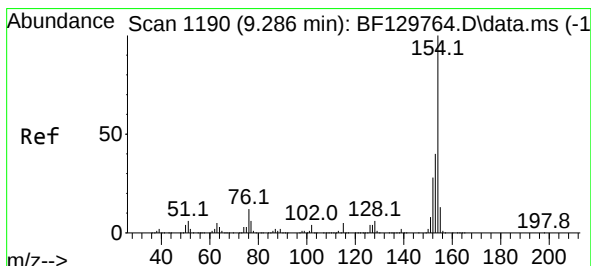
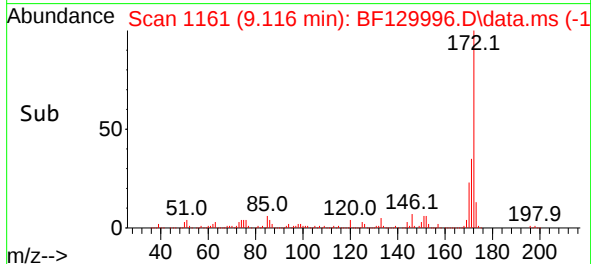
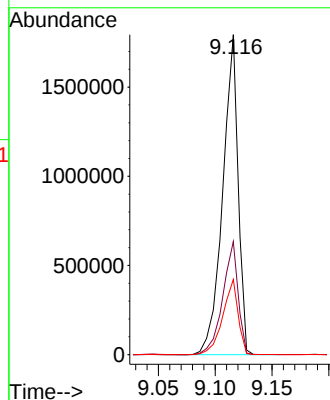
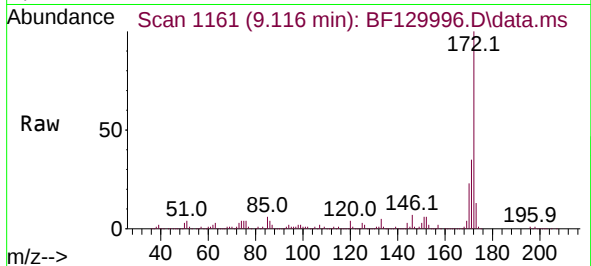
170 23.5 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/26/2022

Supervised By :Jagrut Upadhyay 08/26/2022



#46

1,1'-Biphenyl

Concen: 40.943 ng

RT: 9.216 min Scan# 1178

Delta R.T. 0.000 min

Lab File: BF129996.D

Acq: 25 Aug 2022 12:57

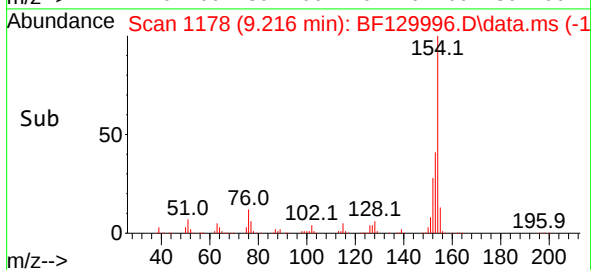
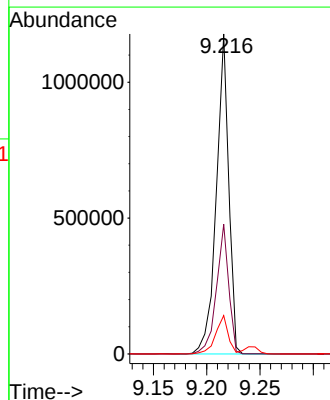
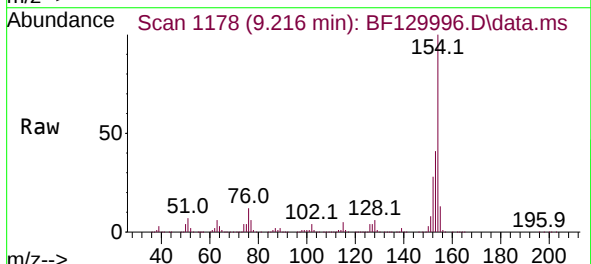
Tgt Ion:154 Resp: 954223

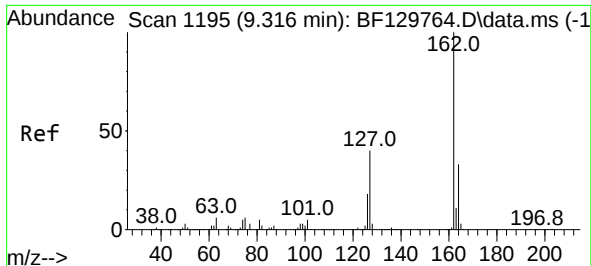
Ion Ratio Lower Upper

154 100

153 40.5 20.2 60.2

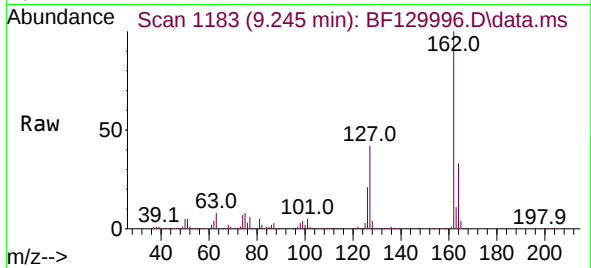
76 12.0 0.0 32.1





#47
2-Chloronaphthalene
Concen: 40.496 ng
RT: 9.245 min Scan# 1195
Delta R.T. 0.006 min
Lab File: BF129996.D
Acq: 25 Aug 2022 12:57

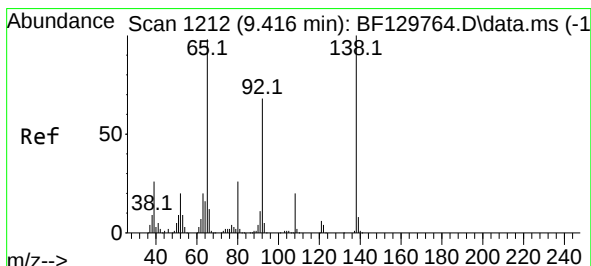
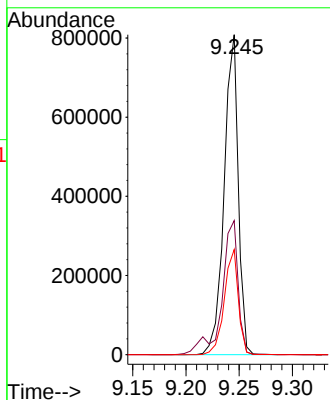
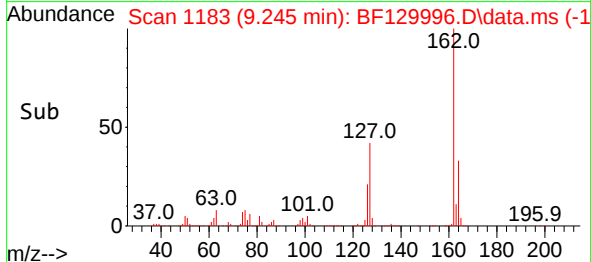
Instrument :
BNA_F
ClientSampleId :
PB147058BS



Tgt Ion: 162 Resp: 746766
Ion Ratio Lower Upper
162 100
127 41.9 33.1 49.7
164 32.8 26.7 40.1

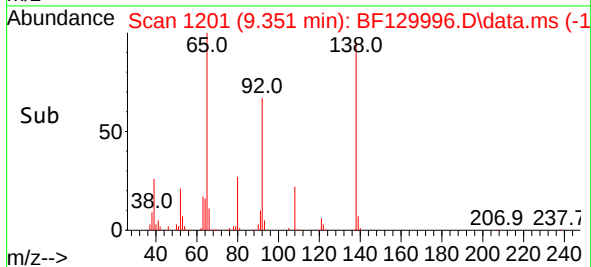
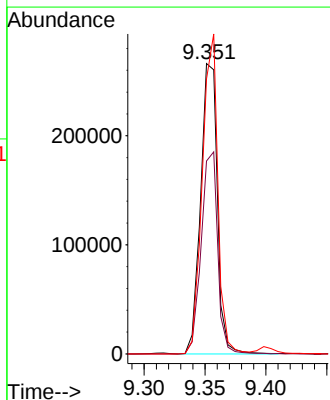
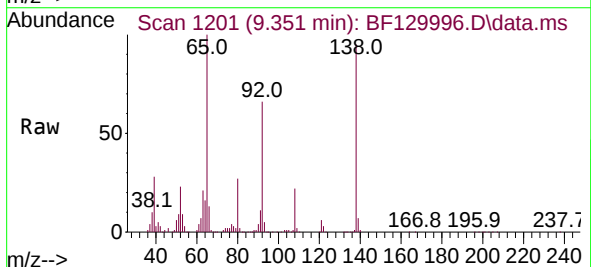
Manual Integrations
APPROVED

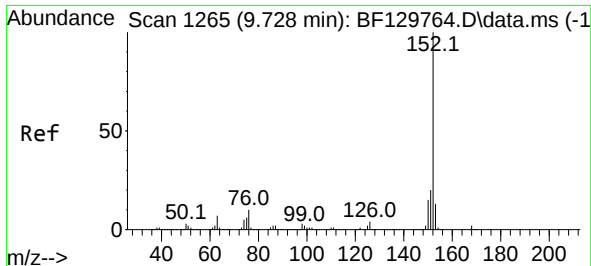
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#48
2-Nitroaniline
Concen: 43.760 ng
RT: 9.351 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BF129996.D
Acq: 25 Aug 2022 12:57

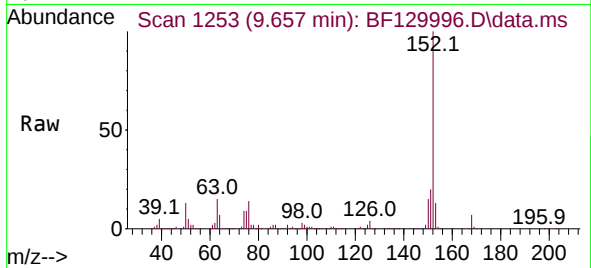
Tgt Ion: 65 Resp: 255014
Ion Ratio Lower Upper
65 100
92 66.4 55.0 82.4
138 94.7 81.3 121.9





#49
Acenaphthylene
Concen: 40.268 ng
RT: 9.657 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129996.D
Acq: 25 Aug 2022 12:57

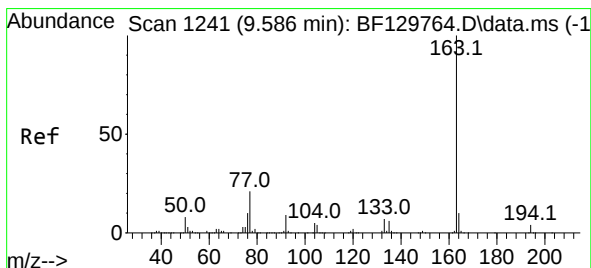
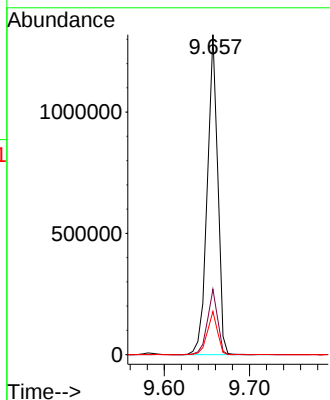
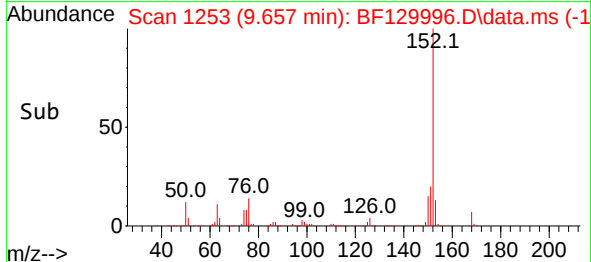
Instrument :
BNA_F
ClientSampleId :
PB147058BS



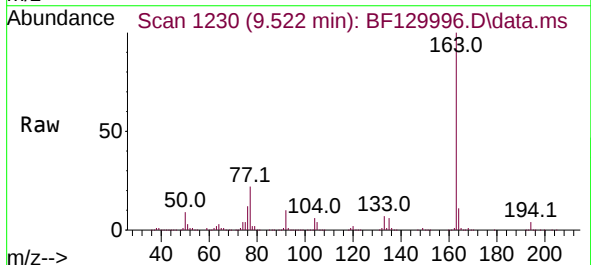
Tgt Ion:152 Resp: 112603
Ion Ratio Lower Upper
152 100
151 20.4 16.1 24.1
153 13.5 10.6 16.0

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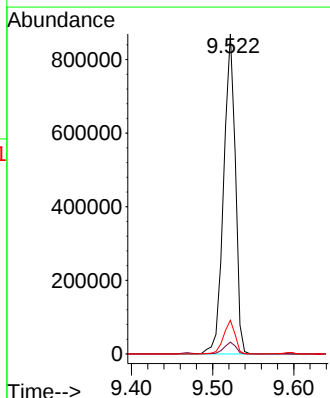
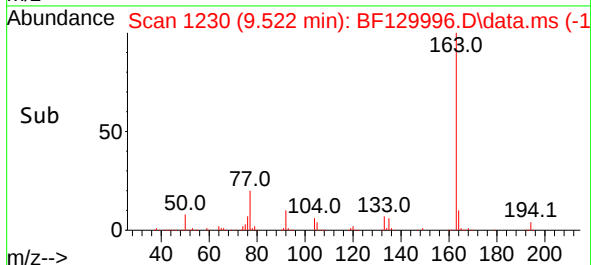
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

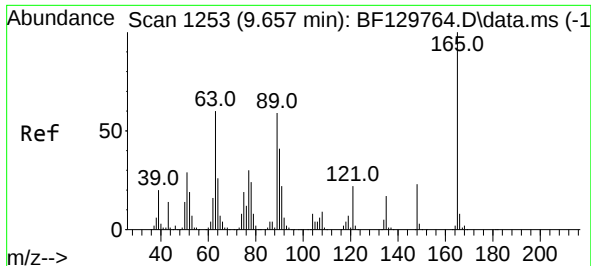


#50
Dimethylphthalate
Concen: 39.412 ng
RT: 9.522 min Scan# 1230
Delta R.T. 0.000 min
Lab File: BF129996.D
Acq: 25 Aug 2022 12:57



Tgt Ion:163 Resp: 866762
Ion Ratio Lower Upper
163 100
194 3.7 3.3 4.9
164 10.5 8.2 12.2





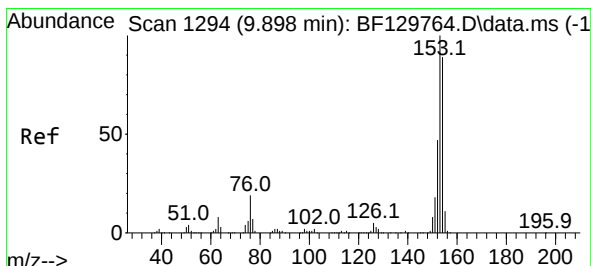
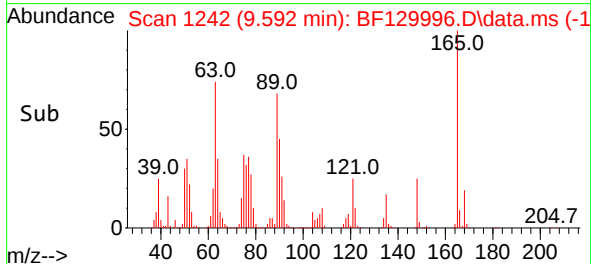
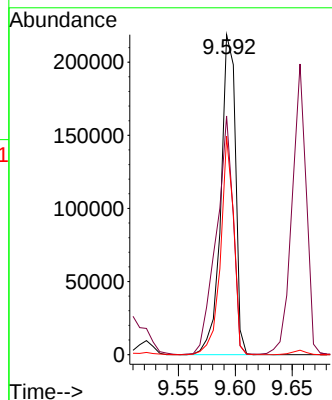
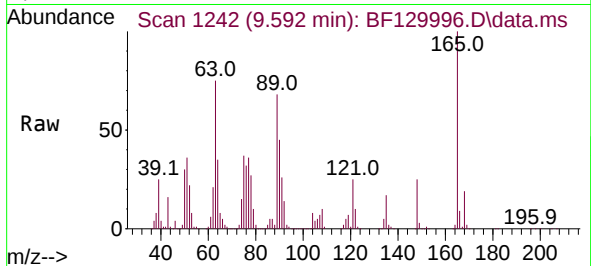
#51
2,6-Dinitrotoluene
Concen: 41.113 ng
RT: 9.592 min Scan# 1242
Delta R.T. 0.000 min
Lab File: BF129996.D
Acq: 25 Aug 2022 12:57

Instrument :
BNA_F
ClientSampleId :
PB147058BS

Tgt Ion:165 Resp: 196137
Ion Ratio Lower Upper
165 100
63 74.6 47.8 71.8
89 68.2 47.2 70.8

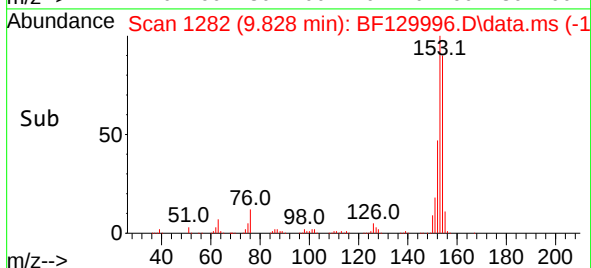
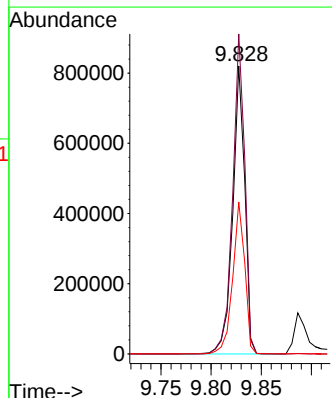
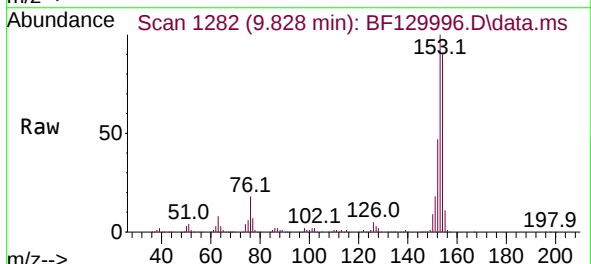
Manual Integrations
APPROVED

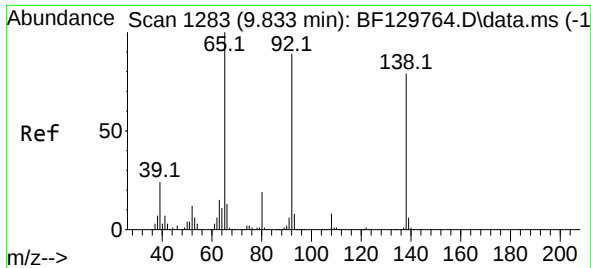
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#52
Acenaphthene
Concen: 40.317 ng
RT: 9.828 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BF129996.D
Acq: 25 Aug 2022 12:57

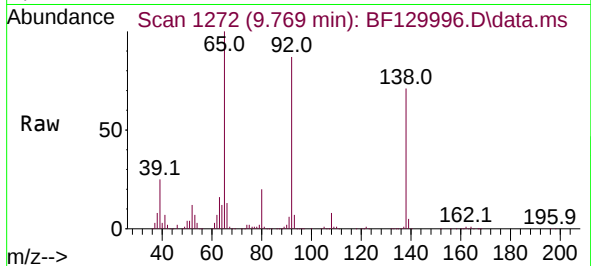
Tgt Ion:154 Resp: 684004
Ion Ratio Lower Upper
154 100
153 111.1 89.8 134.6
152 52.8 42.1 63.1





#53
3-Nitroaniline
Concen: 33.723 ng
RT: 9.769 min Scan# 1272
Delta R.T. 0.000 min
Lab File: BF129996.D
Acq: 25 Aug 2022 12:57

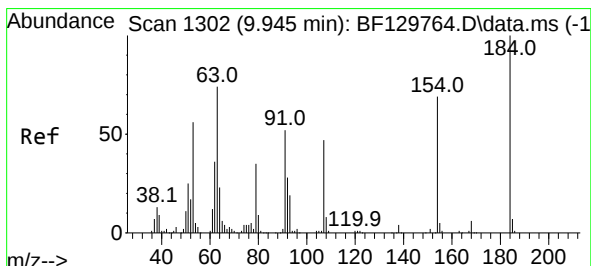
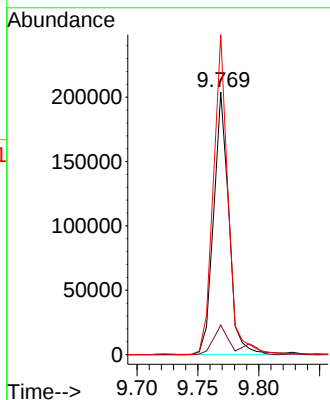
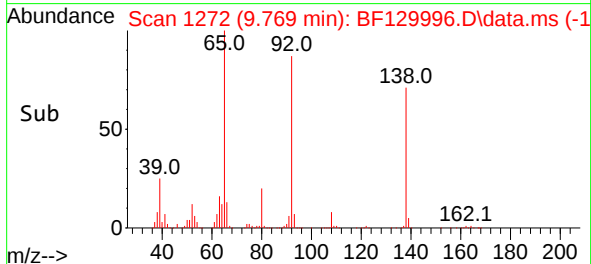
Instrument :
BNA_F
ClientSampleId :
PB147058BS



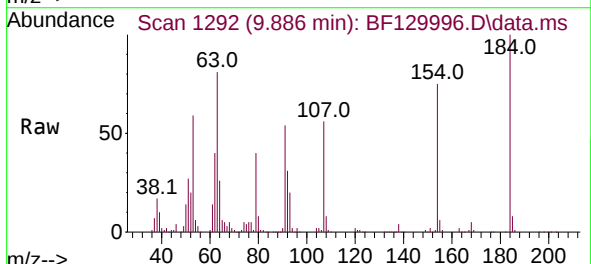
Tgt Ion:138 Resp: 177914
Ion Ratio Lower Upper
138 100
108 11.3 8.4 12.6
92 121.9 89.8 134.8

Manual Integrations
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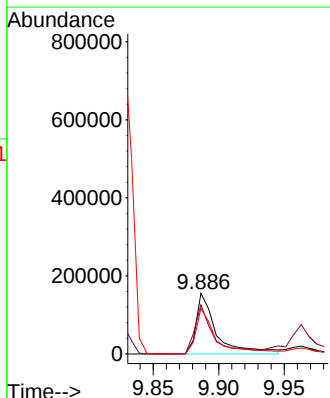
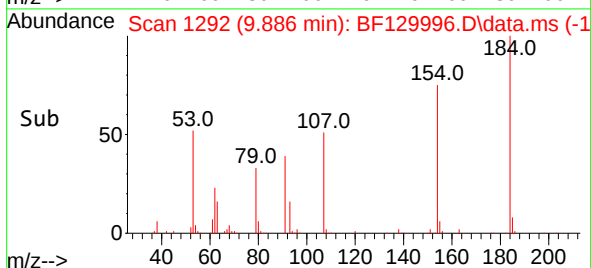
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

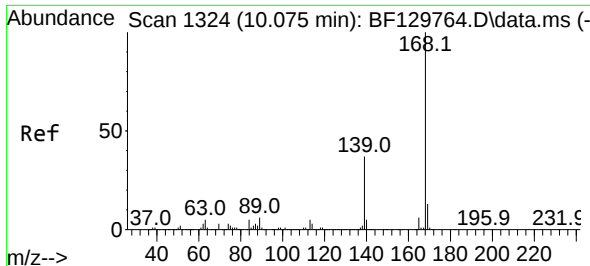


#54
2,4-Dinitrophenol
Concen: 77.911 ng
RT: 9.886 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BF129996.D
Acq: 25 Aug 2022 12:57



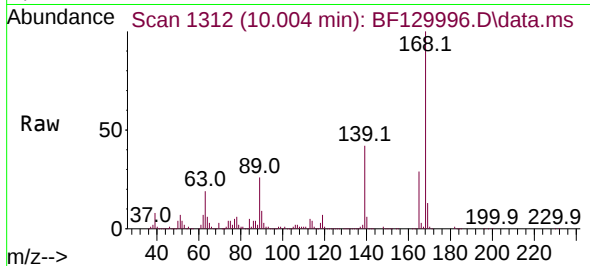
Tgt Ion:184 Resp: 167716
Ion Ratio Lower Upper
184 100
63 80.8 59.6 89.4
154 75.2 55.3 82.9





#55
Dibenzofuran
Concen: 40.124 ng
RT: 10.004 min Scan# 1312
Delta R.T. 0.006 min
Lab File: BF129996.D
Acq: 25 Aug 2022 12:57

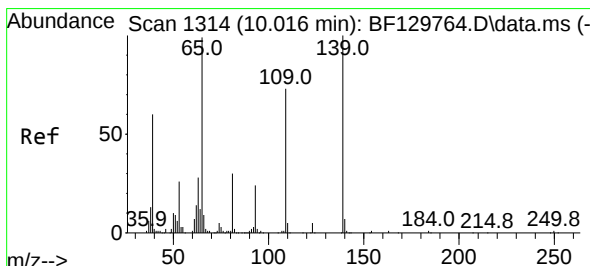
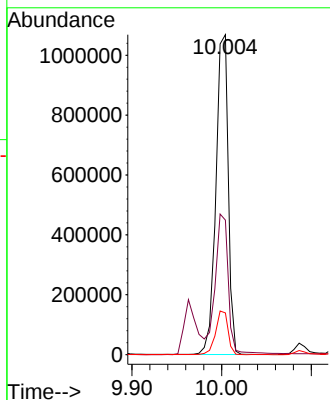
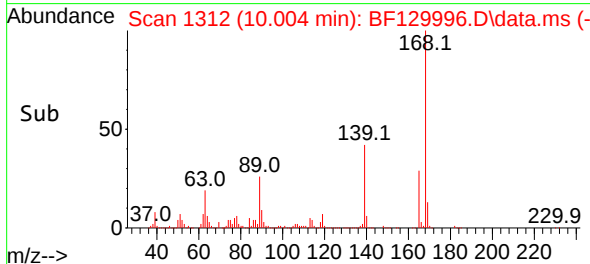
Instrument :
BNA_F
ClientSampleId :
PB147058BS



Tgt Ion:168 Resp: 1022682
Ion Ratio Lower Upper
168 100
139 42.0 31.3 46.9
169 13.0 10.7 16.1

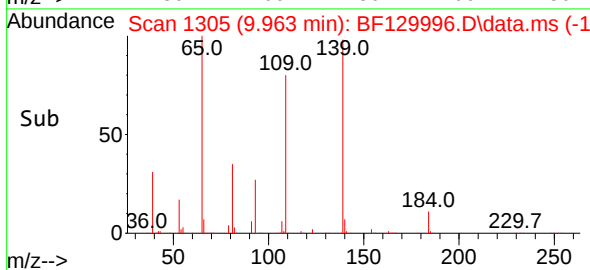
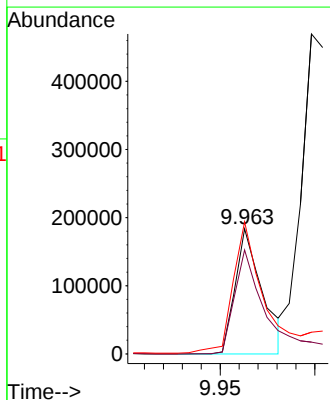
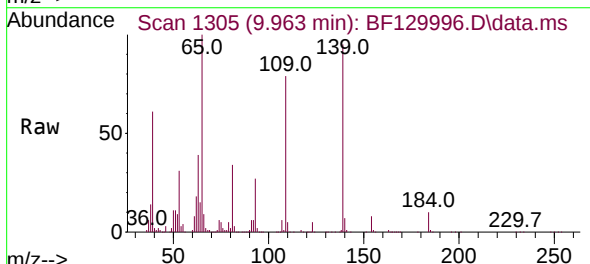
Manual Integrations
APPROVED

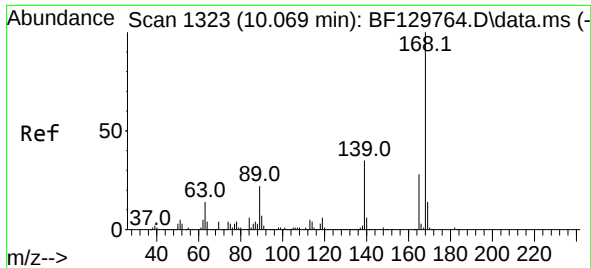
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#56
4-Nitrophenol
Concen: 77.462 ng
RT: 9.963 min Scan# 1305
Delta R.T. 0.006 min
Lab File: BF129996.D
Acq: 25 Aug 2022 12:57

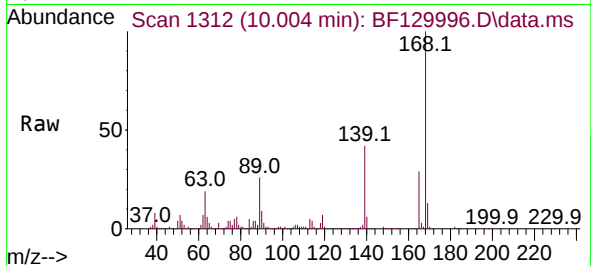
Tgt Ion:139 Resp: 181811
Ion Ratio Lower Upper
139 100
109 83.1 52.9 92.9
65 105.5 79.5 119.5





#57
2,4-Dinitrotoluene
Concen: 41.565 ng
RT: 10.004 min Scan# 1312
Delta R.T. 0.000 min
Lab File: BF129996.D
Acq: 25 Aug 2022 12:57

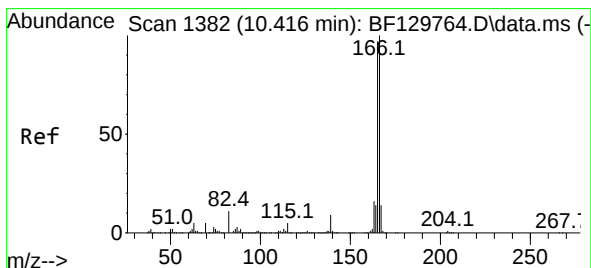
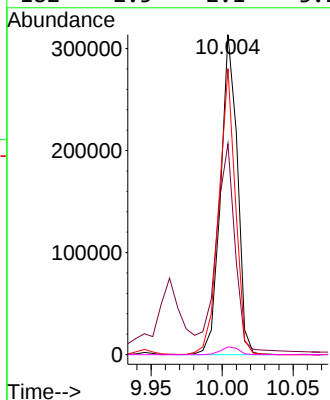
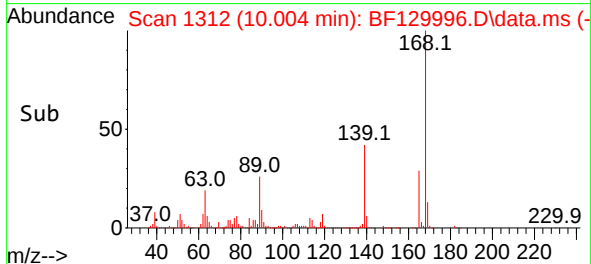
Instrument :
BNA_F
ClientSampleId :
PB147058BS



Tgt Ion:165 Resp: 257410
Ion Ratio Lower Upper
165 100
63 65.9 48.4 72.6
89 89.4 62.3 93.5
182 2.5 2.1 3.1

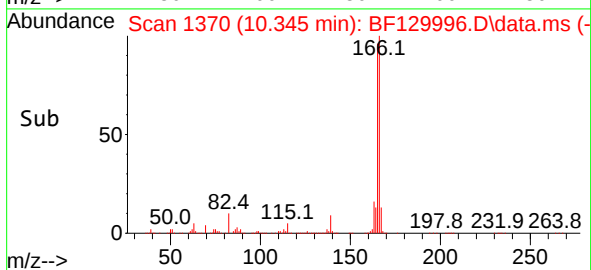
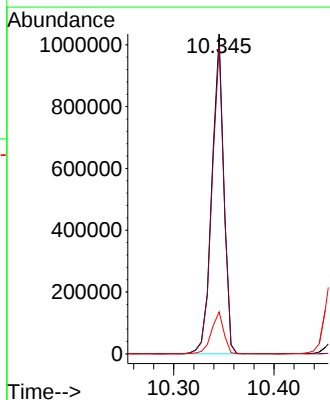
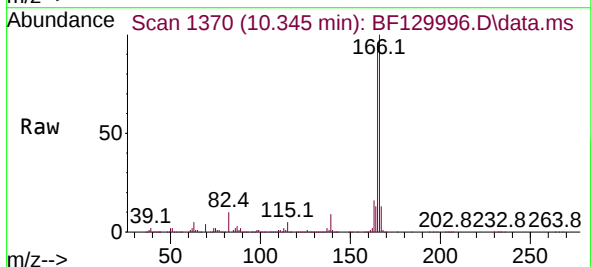
Manual Integrations
APPROVED

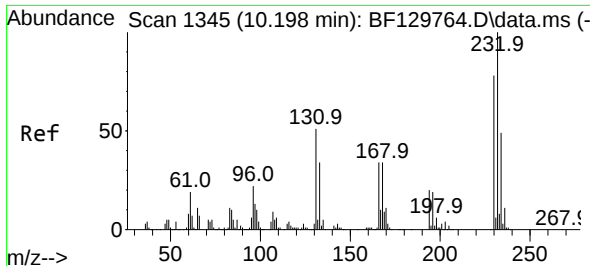
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#58
Fluorene
Concen: 39.903 ng
RT: 10.345 min Scan# 1370
Delta R.T. 0.006 min
Lab File: BF129996.D
Acq: 25 Aug 2022 12:57

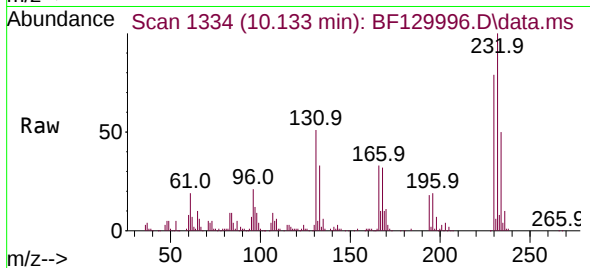
Tgt Ion:166 Resp: 849198
Ion Ratio Lower Upper
166 100
165 96.3 77.9 116.9
167 13.1 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 37.847 ng
RT: 10.133 min Scan# 1344
Delta R.T. 0.006 min
Lab File: BF129996.D
Acq: 25 Aug 2022 12:57

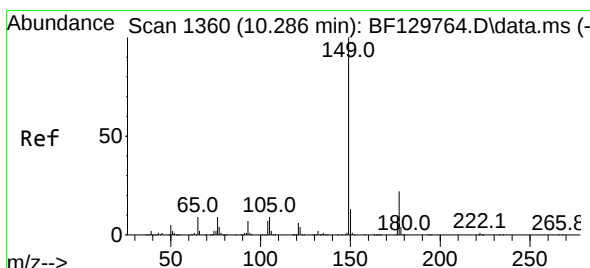
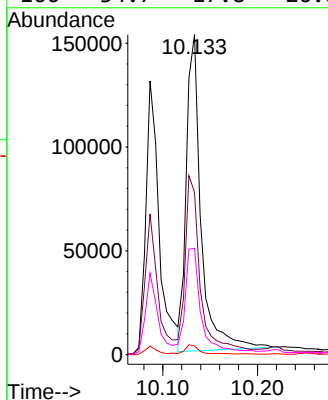
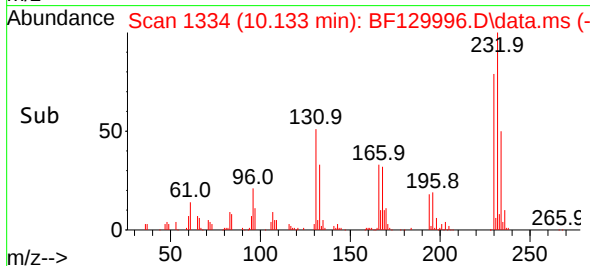
Instrument :
BNA_F
ClientSampleId :
PB147058BS



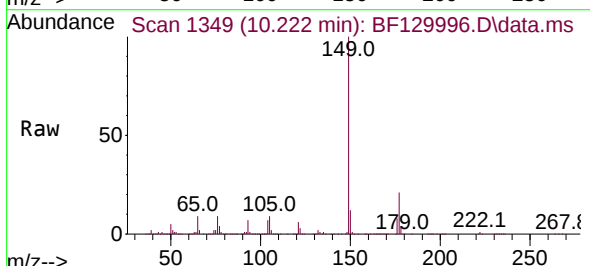
Tgt Ion:232 Resp: 165662
Ion Ratio Lower Upper
232 100
131 59.0 29.9 44.9
130 3.0 1.5 2.3
166 34.7 17.8 26.8

Manual Integrations
APPROVED

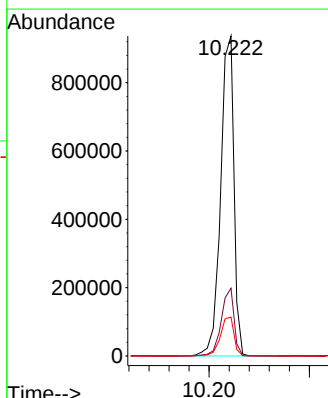
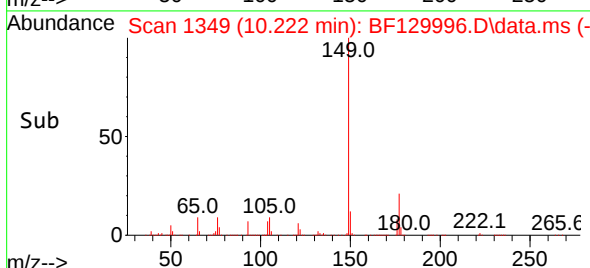
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

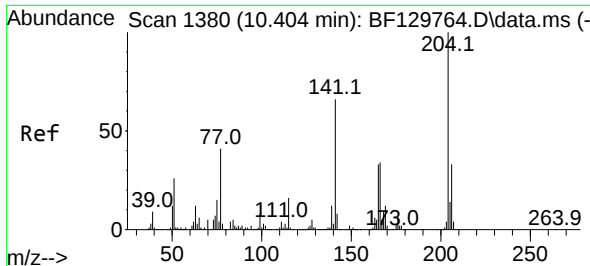


#60
Diethylphthalate
Concen: 39.357 ng
RT: 10.222 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF129996.D
Acq: 25 Aug 2022 12:57



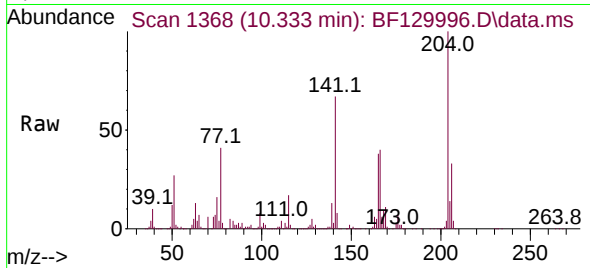
Tgt Ion:149 Resp: 863054
Ion Ratio Lower Upper
149 100
177 21.1 17.7 26.5
150 12.1 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 39.672 ng
RT: 10.333 min Scan# 1368
Delta R.T. 0.006 min
Lab File: BF129996.D
Acq: 25 Aug 2022 12:57

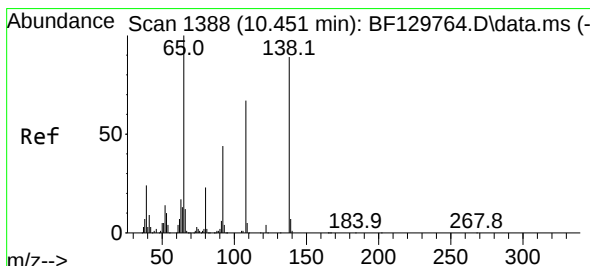
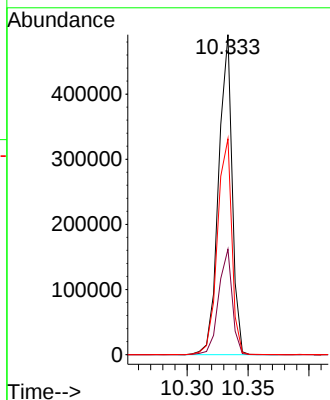
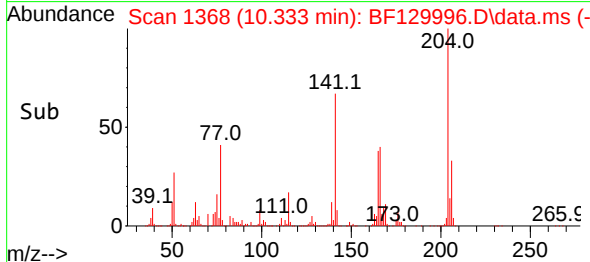
Instrument :
BNA_F
ClientSampleId :
PB147058BS



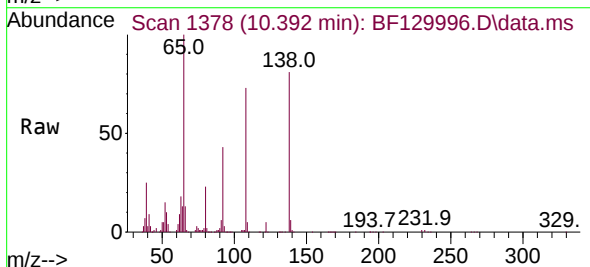
Tgt Ion:204 Resp: 378885
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 67.4 52.6 79.0

Manual Integrations
APPROVED

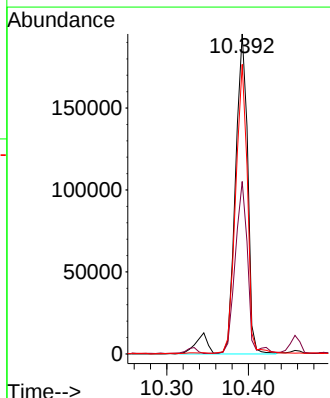
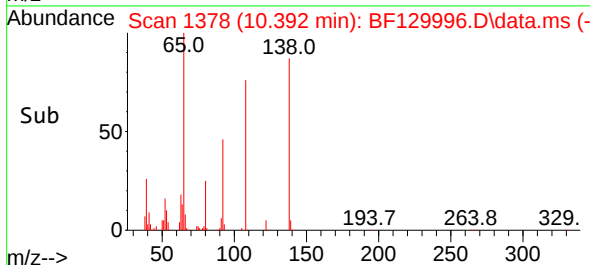
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

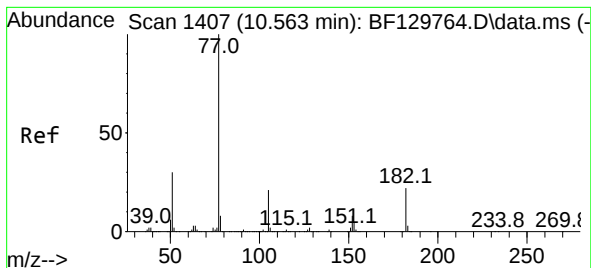


#62
4-Nitroaniline
Concen: 40.058 ng m
RT: 10.392 min Scan# 1378
Delta R.T. 0.006 min
Lab File: BF129996.D
Acq: 25 Aug 2022 12:57



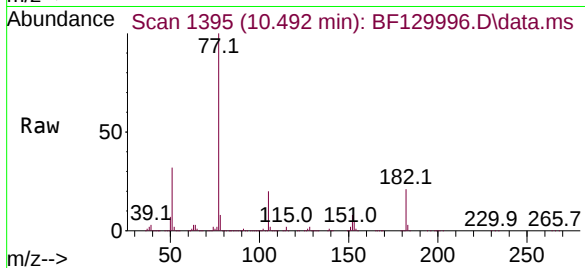
Tgt Ion:138 Resp: 213207
Ion Ratio Lower Upper
138 100
92 53.9 30.3 70.3
108 90.5 55.7 95.7





#63
Azobenzene
Concen: 40.078 ng
RT: 10.492 min Scan# 13
Delta R.T. 0.000 min
Lab File: BF129996.D
Acq: 25 Aug 2022 12:57

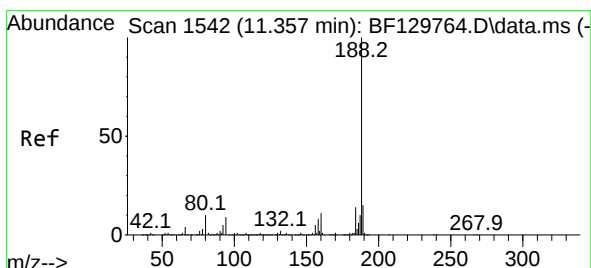
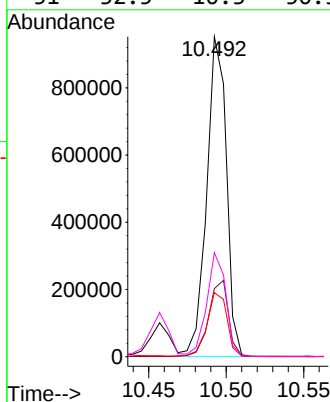
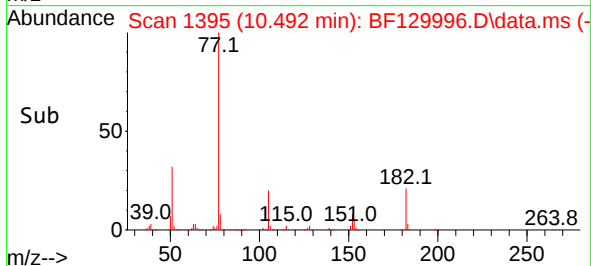
Instrument :
BNA_F
ClientSampleId :
PB147058BS



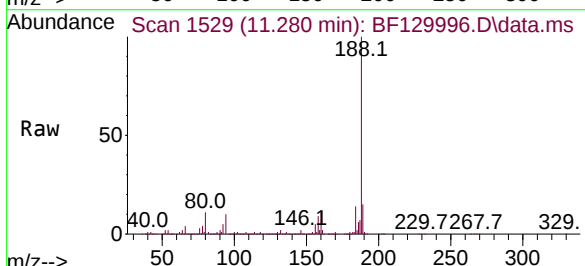
Tgt Ion: 77 Resp: 840056
Ion Ratio Lower Upper
77 100
182 21.3 2.2 42.2
105 20.0 0.8 40.8
51 32.5 10.3 50.3

Manual Integrations
APPROVED

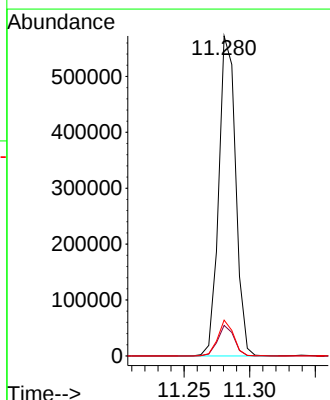
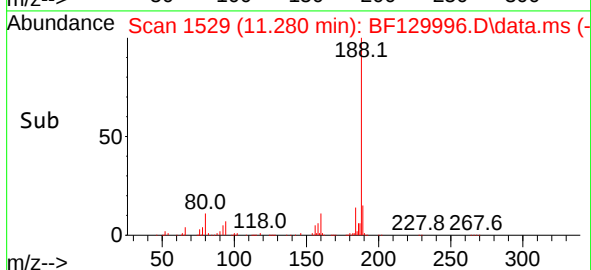
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

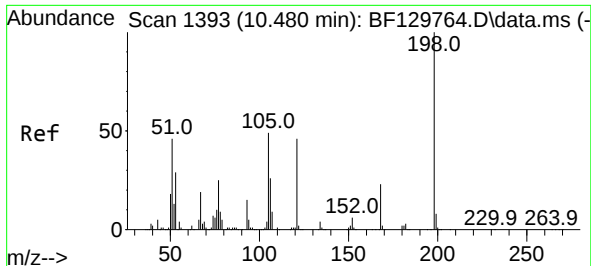


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.280 min Scan# 1529
Delta R.T. 0.000 min
Lab File: BF129996.D
Acq: 25 Aug 2022 12:57



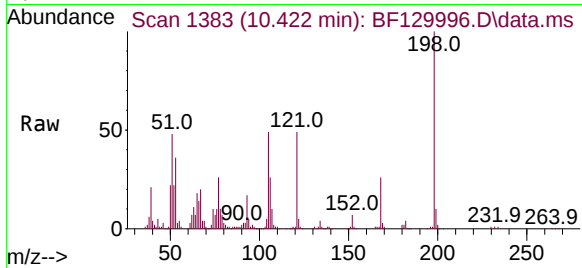
Tgt Ion:188 Resp: 515139
Ion Ratio Lower Upper
188 100
94 9.6 7.4 11.2
80 11.2 7.9 11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 39.930 ng
RT: 10.422 min Scan# 1383
Delta R.T. 0.006 min
Lab File: BF129996.D
Acq: 25 Aug 2022 12:57

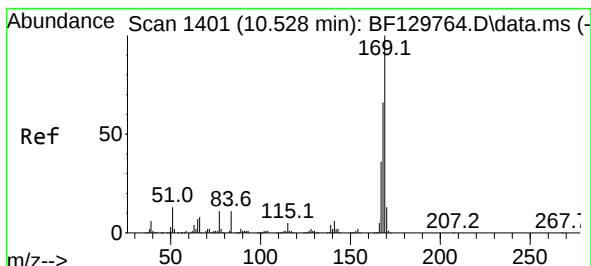
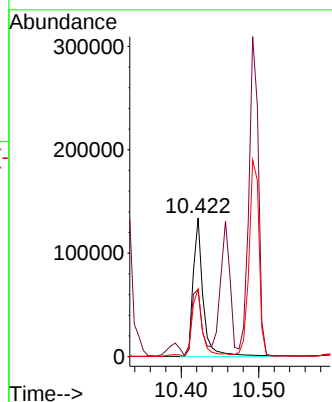
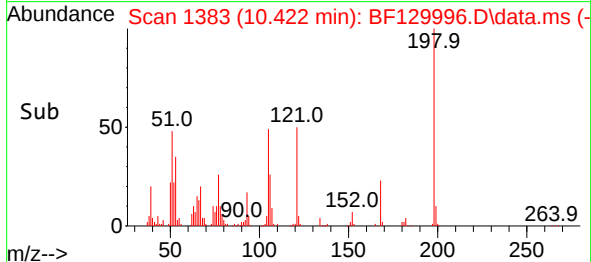
Instrument :
BNA_F
ClientSampleId :
PB147058BS



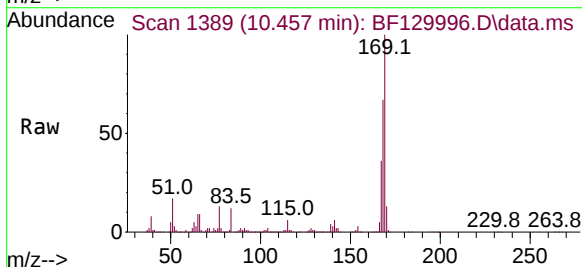
Tgt Ion:198 Resp: 120754
Ion Ratio Lower Upper
198 100
51 48.4 29.4 69.4
105 48.6 29.2 69.2

Manual Integrations
APPROVED

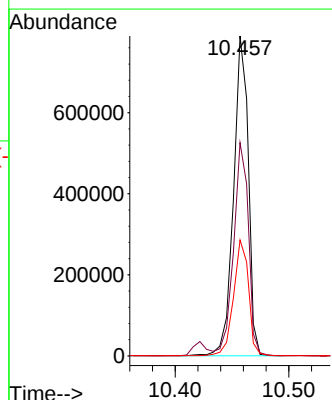
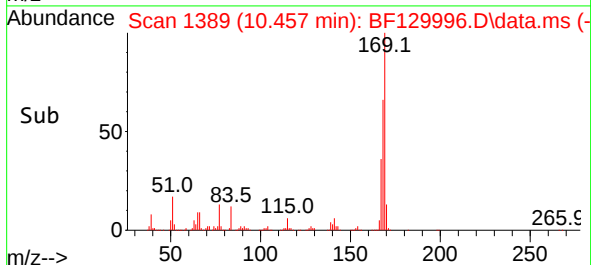
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

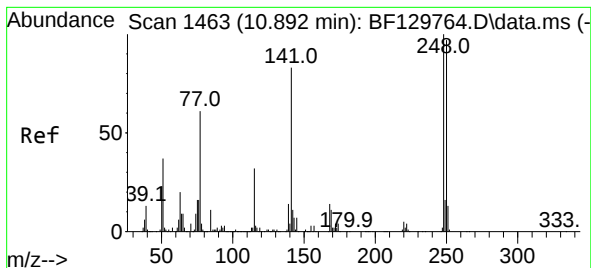


#66
n-Nitrosodiphenylamine
Concen: 41.124 ng
RT: 10.457 min Scan# 1389
Delta R.T. 0.000 min
Lab File: BF129996.D
Acq: 25 Aug 2022 12:57



Tgt Ion:169 Resp: 715032
Ion Ratio Lower Upper
169 100
168 66.6 53.4 80.2
167 36.2 29.1 43.7





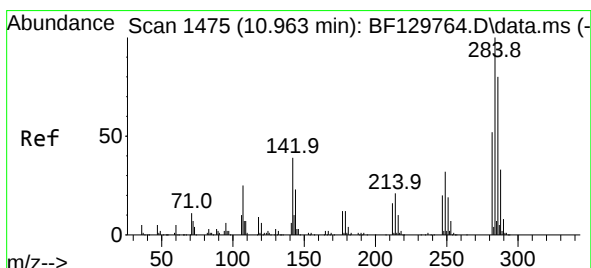
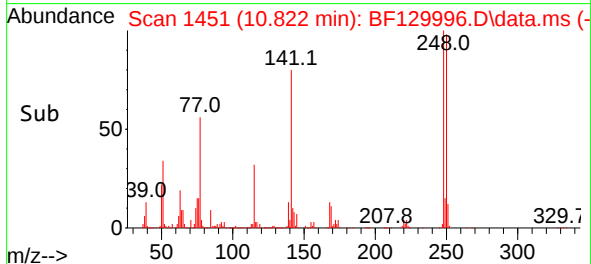
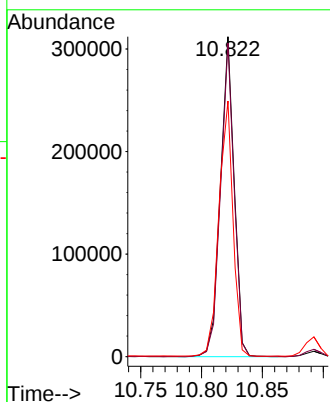
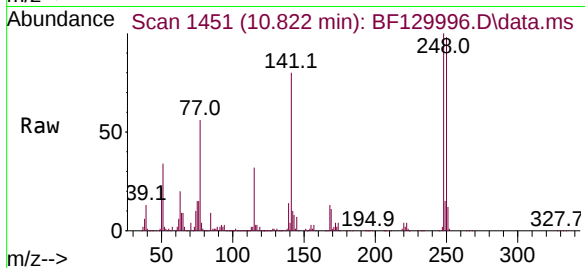
#67
4-Bromophenyl-phenylether
Concen: 40.611 ng
RT: 10.822 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF129996.D
Acq: 25 Aug 2022 12:57

Instrument :
BNA_F
ClientSampleId :
PB147058BS

Tgt Ion:248 Resp: 245033
Ion Ratio Lower Upper
248 100
250 98.0 77.8 116.6
141 79.9 66.2 99.2

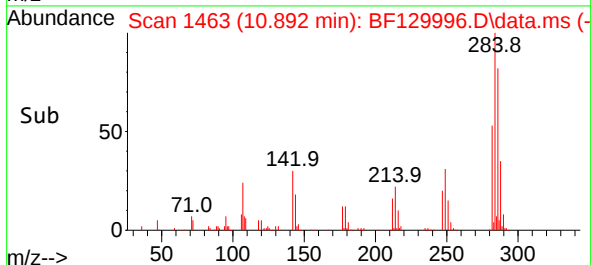
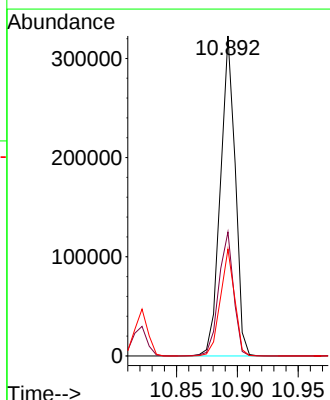
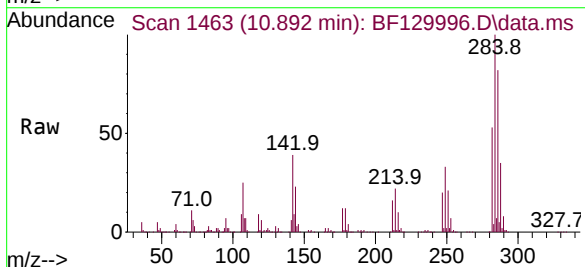
Manual Integrations
APPROVED

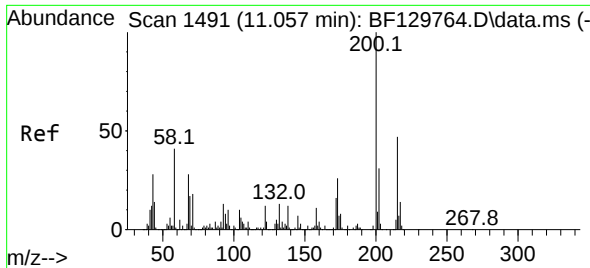
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#68
Hexachlorobenzene
Concen: 41.673 ng
RT: 10.892 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF129996.D
Acq: 25 Aug 2022 12:57

Tgt Ion:284 Resp: 272365
Ion Ratio Lower Upper
284 100
142 38.7 31.4 47.0
249 33.4 25.7 38.5





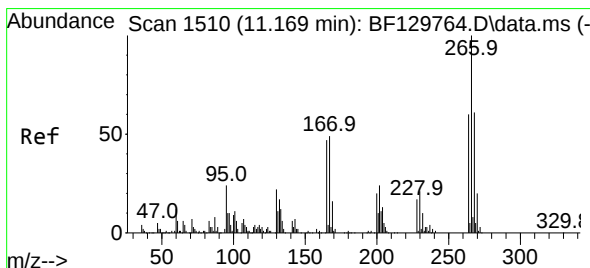
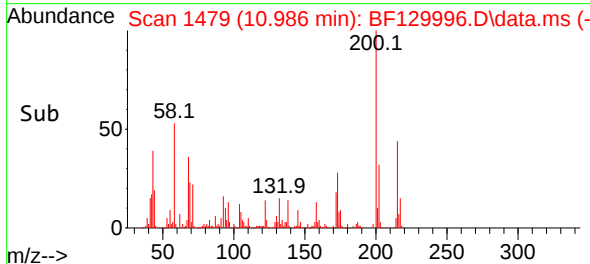
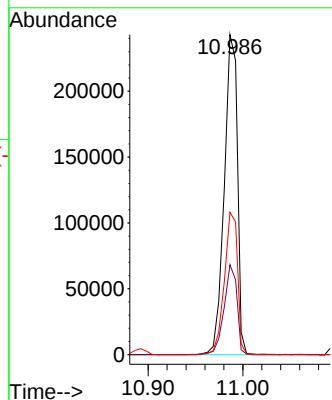
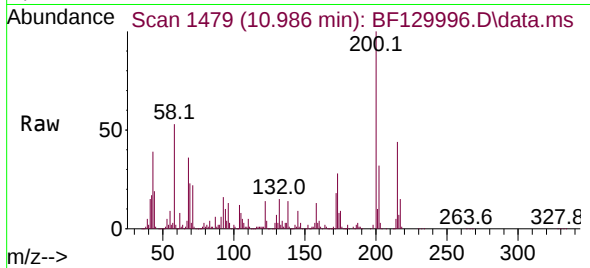
#69
Atrazine
Concen: 43.762 ng
RT: 10.986 min Scan# 1479
Delta R.T. 0.000 min
Lab File: BF129996.D
Acq: 25 Aug 2022 12:57

Instrument :
BNA_F
ClientSampleId :
PB147058BS

Tgt Ion:200 Resp: 233538
Ion Ratio Lower Upper
200 100
173 28.1 6.4 46.4
215 44.5 27.1 67.1

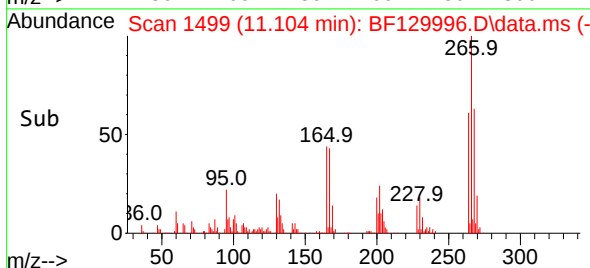
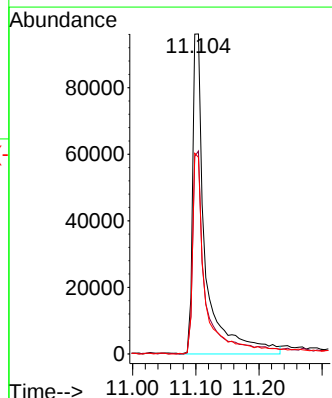
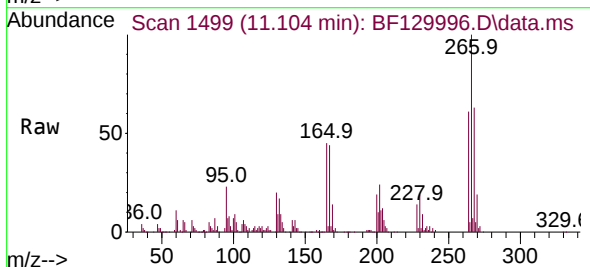
Manual Integrations
APPROVED

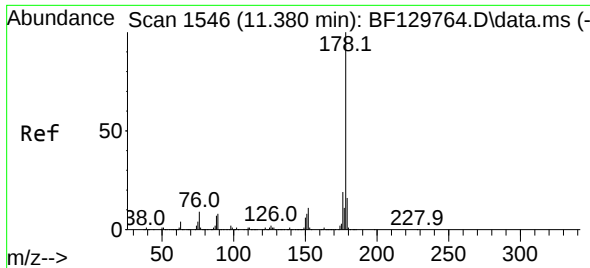
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#70
Pentachlorophenol
Concen: 70.233 ng
RT: 11.104 min Scan# 1499
Delta R.T. 0.006 min
Lab File: BF129996.D
Acq: 25 Aug 2022 12:57

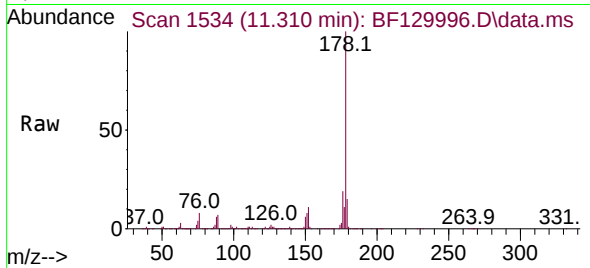
Tgt Ion:266 Resp: 136270
Ion Ratio Lower Upper
266 100
268 63.4 49.0 73.4
264 61.5 47.9 71.9





#71
Phenanthrene
Concen: 41.012 ng
RT: 11.310 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF129996.D
Acq: 25 Aug 2022 12:57

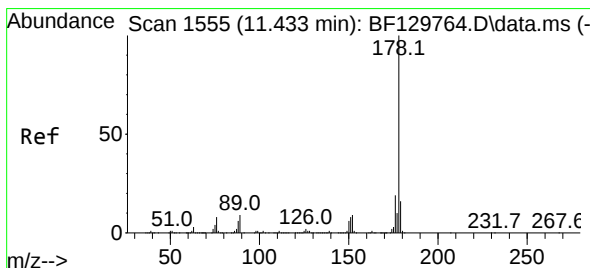
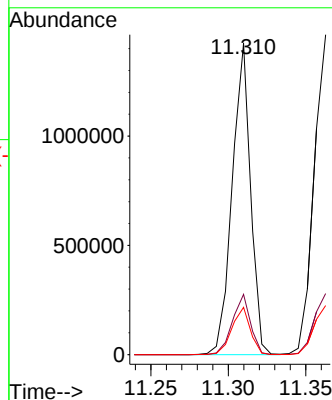
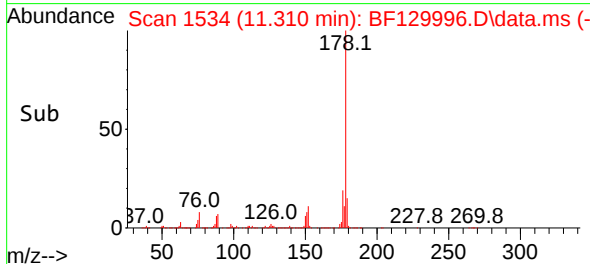
Instrument :
BNA_F
ClientSampleId :
PB147058BS



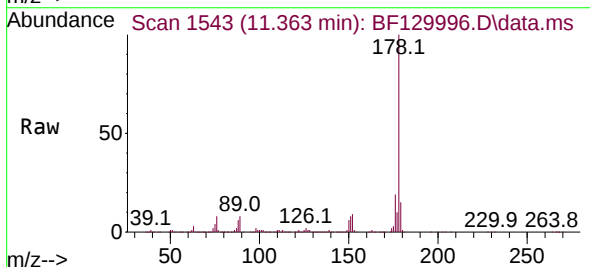
Tgt Ion:178 Resp: 1179935
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.2 12.5 18.7

Manual Integrations
APPROVED

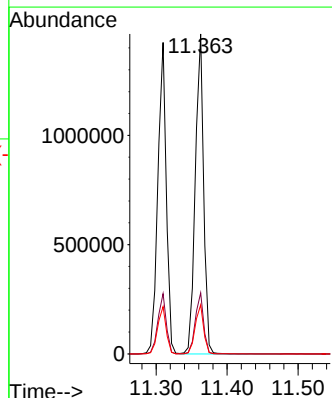
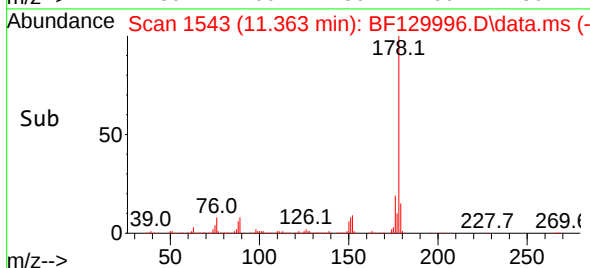
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

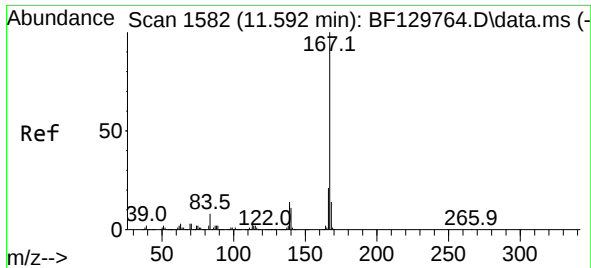


#72
Anthracene
Concen: 41.775 ng
RT: 11.363 min Scan# 1543
Delta R.T. 0.006 min
Lab File: BF129996.D
Acq: 25 Aug 2022 12:57



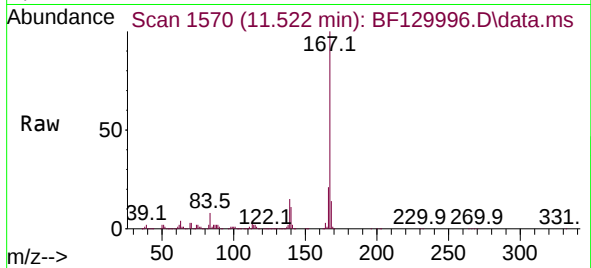
Tgt Ion:178 Resp: 1195221
Ion Ratio Lower Upper
178 100
176 19.1 15.1 22.7
179 15.3 12.6 18.8





#73
Carbazole
Concen: 42.614 ng
RT: 11.522 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129996.D
Acq: 25 Aug 2022 12:57

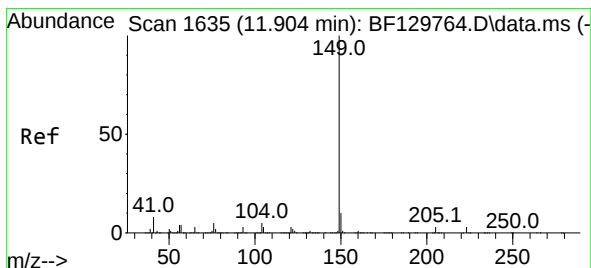
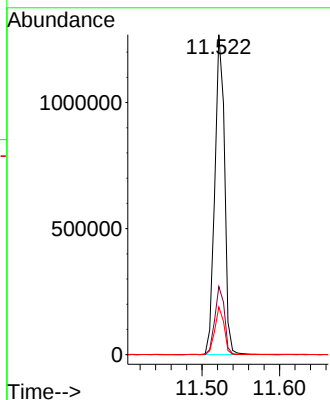
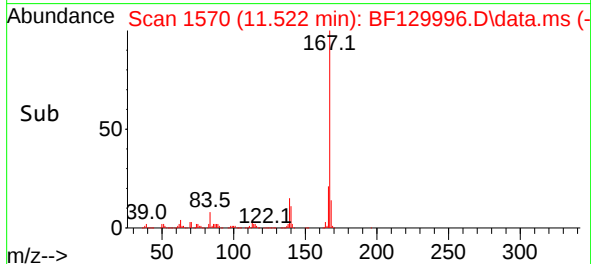
Instrument :
BNA_F
ClientSampleId :
PB147058BS



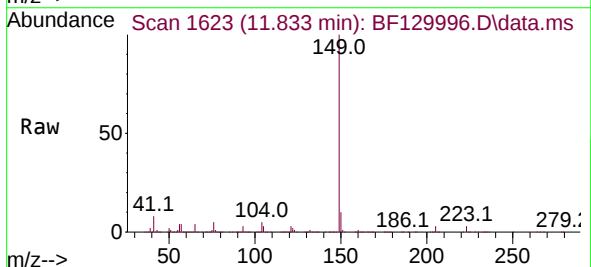
Tgt Ion:167 Resp: 110674
Ion Ratio Lower Upper
167 100
166 21.3 17.1 25.7
139 14.9 11.0 16.6

Manual Integrations
APPROVED

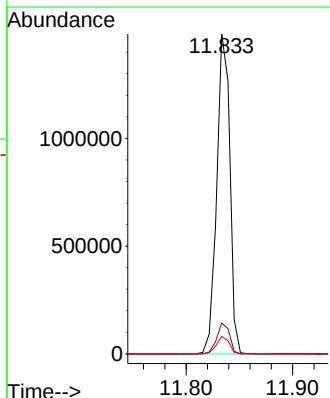
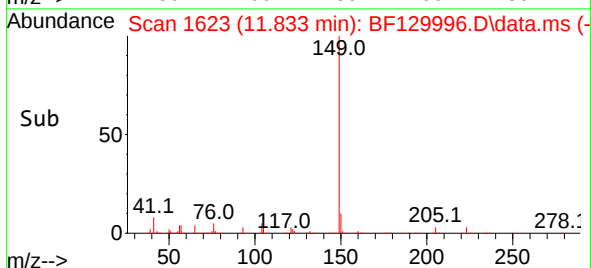
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

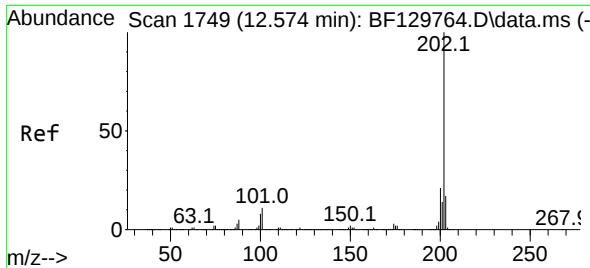


#74
Di-n-butylphthalate
Concen: 38.110 ng
RT: 11.833 min Scan# 1623
Delta R.T. 0.000 min
Lab File: BF129996.D
Acq: 25 Aug 2022 12:57



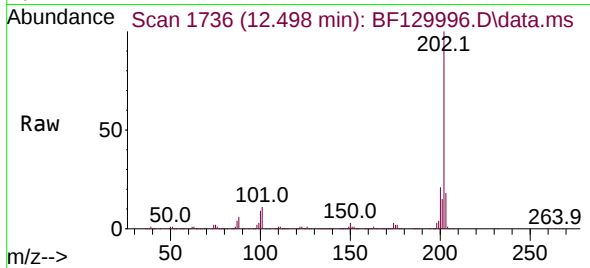
Tgt Ion:149 Resp: 1273845
Ion Ratio Lower Upper
149 100
150 9.6 7.8 11.6
104 5.4 4.2 6.4





#75
Fluoranthene
Concen: 40.498 ng
RT: 12.498 min Scan# 1749
Delta R.T. 0.000 min
Lab File: BF129996.D
Acq: 25 Aug 2022 12:57

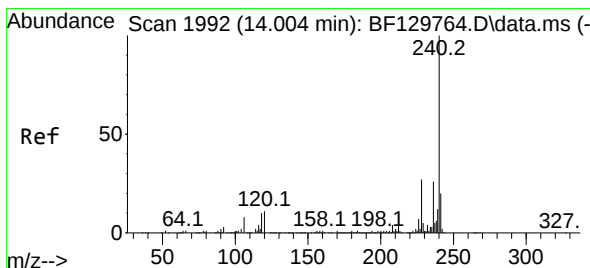
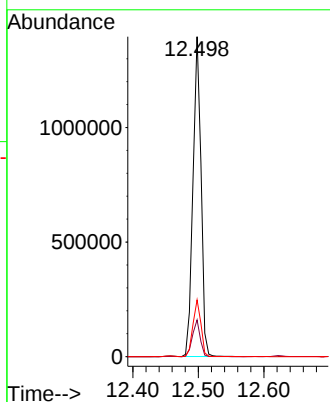
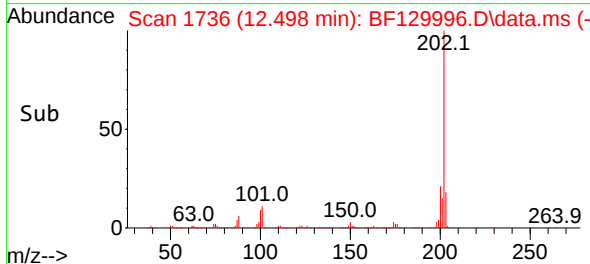
Instrument :
BNA_F
ClientSampleId :
PB147058BS



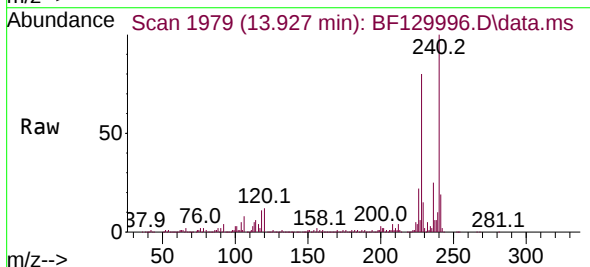
Tgt Ion:202 Resp: 1192291
Ion Ratio Lower Upper
202 100
101 11.5 0.0 30.7
203 17.7 0.0 37.5

Manual Integrations
APPROVED

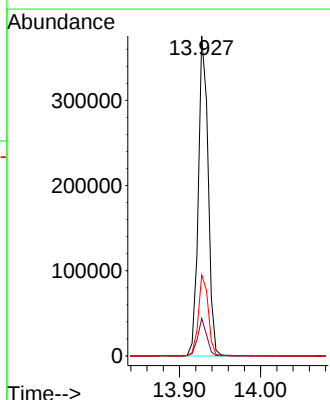
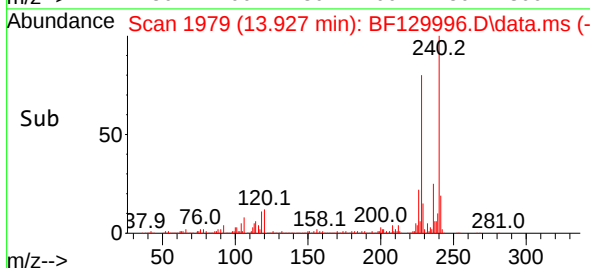
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

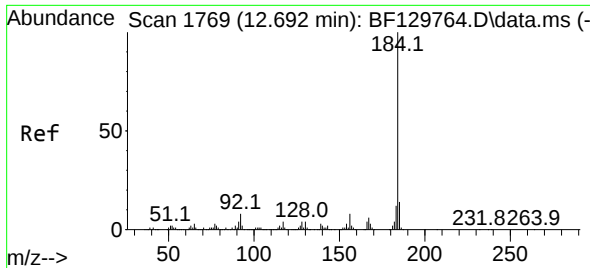


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.927 min Scan# 1979
Delta R.T. 0.000 min
Lab File: BF129996.D
Acq: 25 Aug 2022 12:57



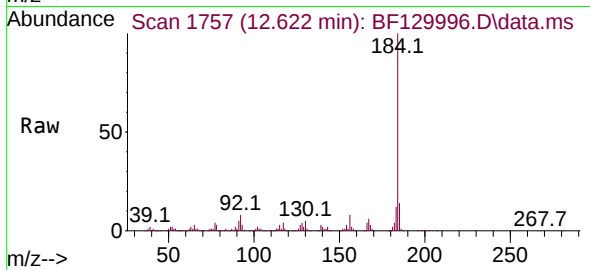
Tgt Ion:240 Resp: 313491
Ion Ratio Lower Upper
240 100
120 11.7 9.2 13.8
236 25.3 20.7 31.1





#77
Benzidine
Concen: 67.884 ng
RT: 12.622 min Scan# 1757
Delta R.T. 0.000 min
Lab File: BF129996.D
Acq: 25 Aug 2022 12:57

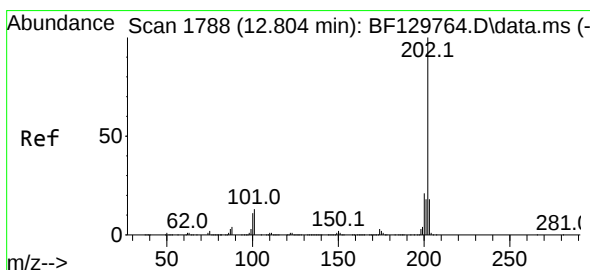
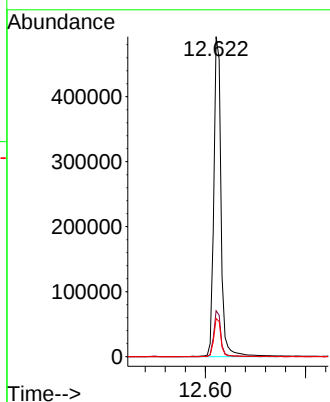
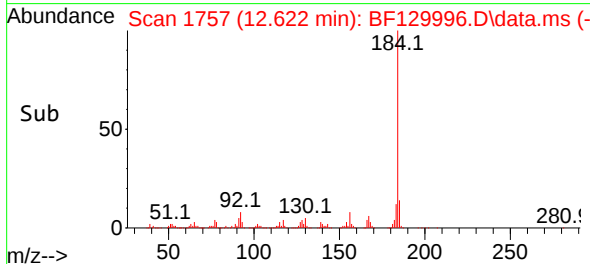
Instrument :
BNA_F
ClientSampleId :
PB147058BS



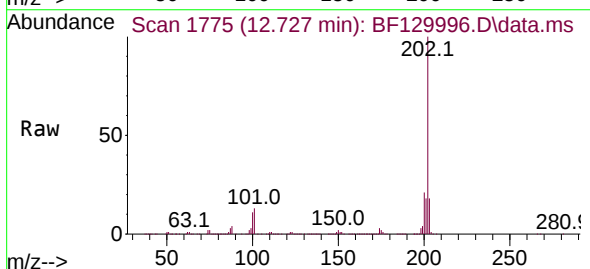
Tgt Ion:184 Resp: 490284
Ion Ratio Lower Upper
184 100
185 14.3 11.4 17.2
183 11.9 9.4 14.2

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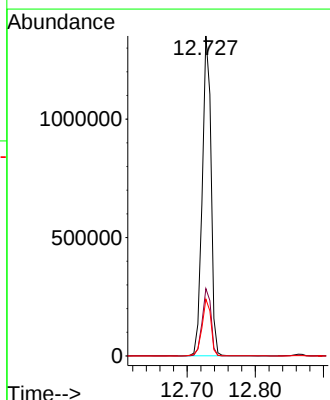
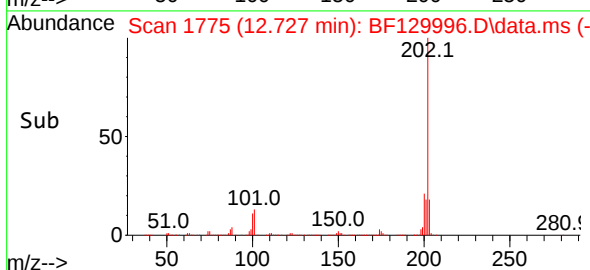
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

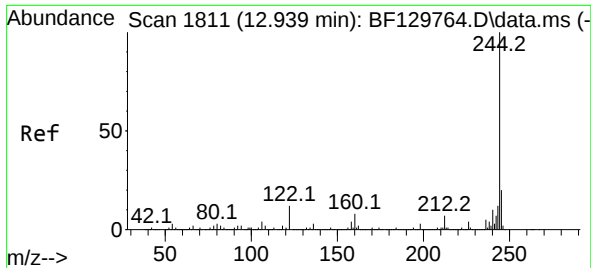


#78
Pyrene
Concen: 44.420 ng
RT: 12.727 min Scan# 1775
Delta R.T. 0.000 min
Lab File: BF129996.D
Acq: 25 Aug 2022 12:57



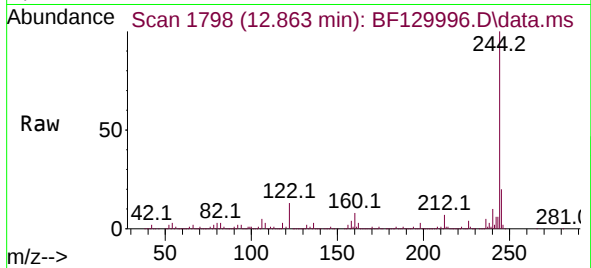
Tgt Ion:202 Resp: 1210102
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.6
203 17.7 14.1 21.1





#79
 Terphenyl-d14
 Concen: 94.208 ng
 RT: 12.863 min Scan# 1798
 Delta R.T. 0.000 min
 Lab File: BF129996.D
 Acq: 25 Aug 2022 12:57

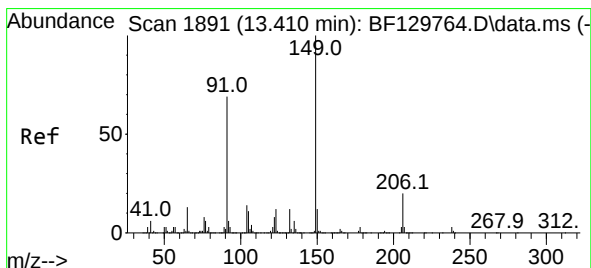
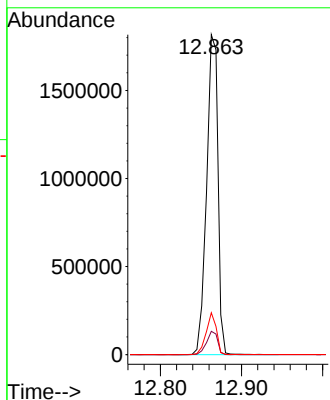
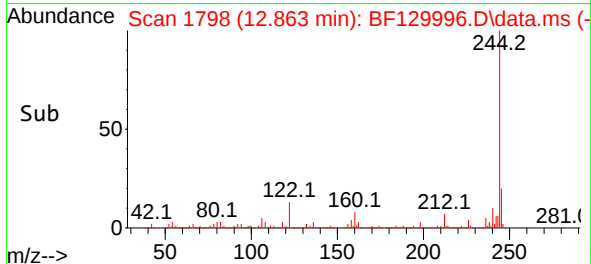
Instrument :
 BNA_F
 ClientSampleId :
 PB147058BS



Tgt Ion:244 Resp: 1774908
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 13.1 9.9 14.9

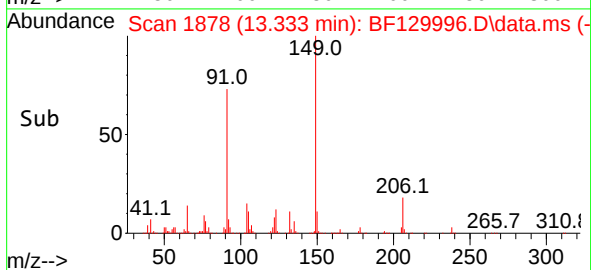
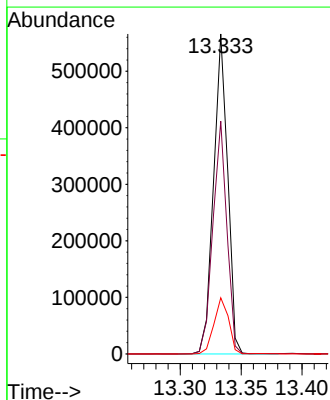
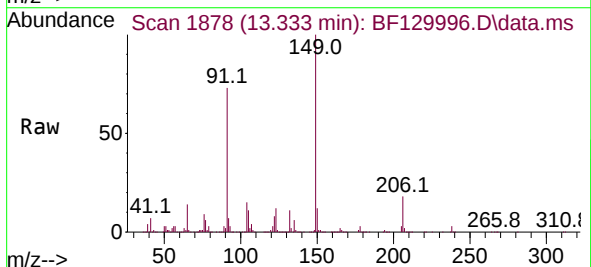
Manual Integrations
 APPROVED

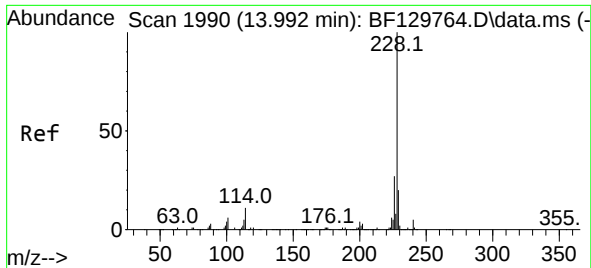
Reviewed By :Christian Giraldo 08/26/2022
 Supervised By :Jagrut Upadhyay 08/26/2022



#80
 Butylbenzylphthalate
 Concen: 39.348 ng
 RT: 13.333 min Scan# 1878
 Delta R.T. 0.000 min
 Lab File: BF129996.D
 Acq: 25 Aug 2022 12:57

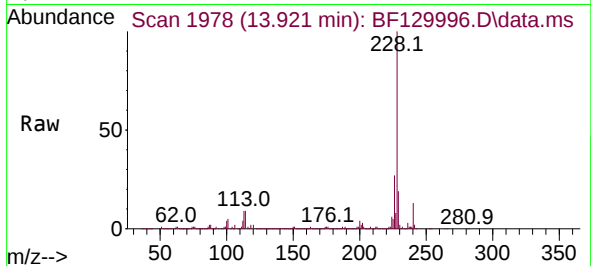
Tgt Ion:149 Resp: 453582
 Ion Ratio Lower Upper
 149 100
 91 72.7 55.4 83.0
 206 17.5 15.8 23.6





#81
Benzo(a)anthracene
Concen: 41.238 ng
RT: 13.921 min Scan# 1990
Delta R.T. 0.006 min
Lab File: BF129996.D
Acq: 25 Aug 2022 12:57

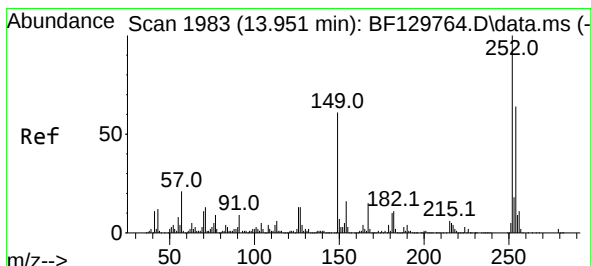
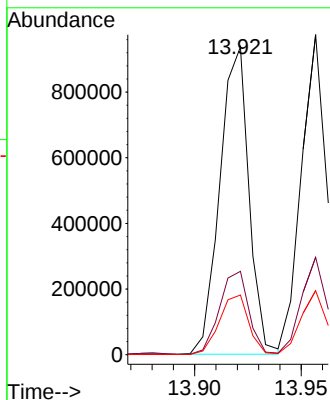
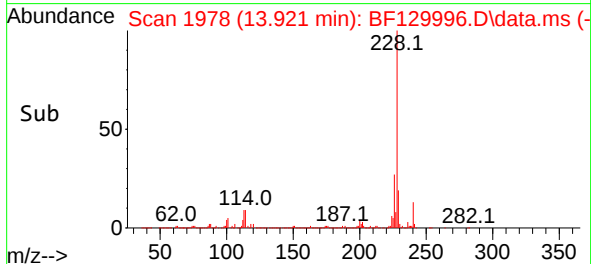
Instrument :
BNA_F
ClientSampleId :
PB147058BS



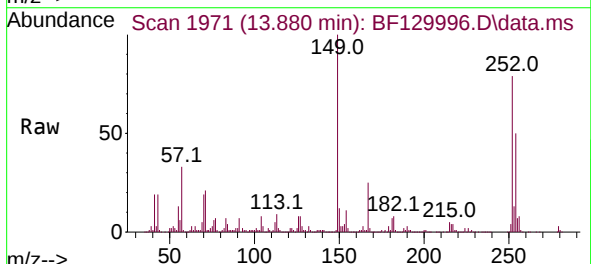
Tgt Ion:228 Resp: 889313
Ion Ratio Lower Upper
228 100
226 27.1 21.4 32.0
229 19.4 16.1 24.1

Manual Integrations
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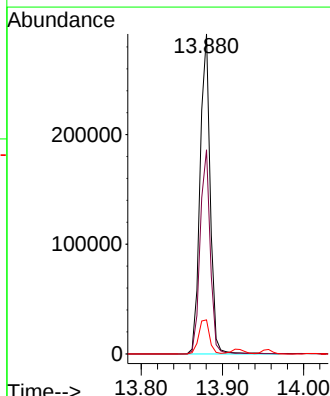
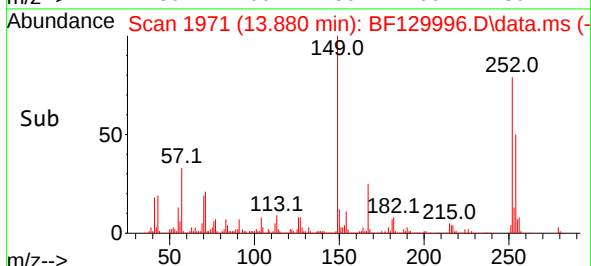
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

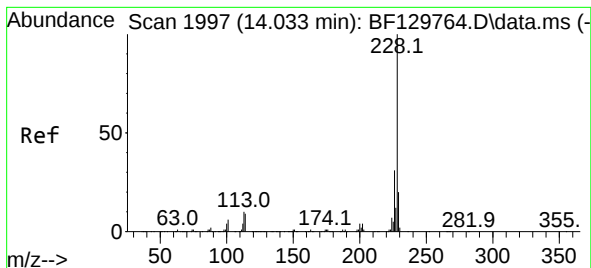


#82
3,3'-Dichlorobenzidine
Concen: 37.570 ng
RT: 13.880 min Scan# 1971
Delta R.T. 0.006 min
Lab File: BF129996.D
Acq: 25 Aug 2022 12:57



Tgt Ion:252 Resp: 250929
Ion Ratio Lower Upper
252 100
254 63.8 51.4 77.2
126 10.6 10.2 15.4





#83

Chrysene

Concen: 40.435 ng

RT: 13.957 min Scan# 1997

Delta R.T. 0.006 min

Lab File: BF129996.D

Acq: 25 Aug 2022 12:57

Instrument :

BNA_F

ClientSampleId :

PB147058BS

Tgt Ion:228 Resp: 816256

Ion Ratio Lower Upper

228 100

226 30.4 24.4 36.6

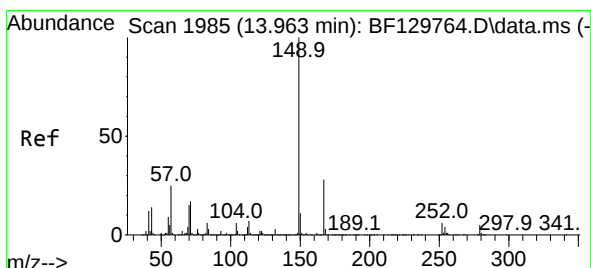
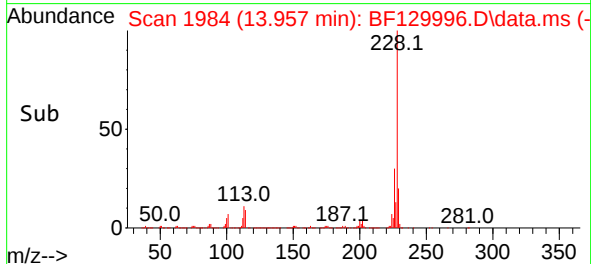
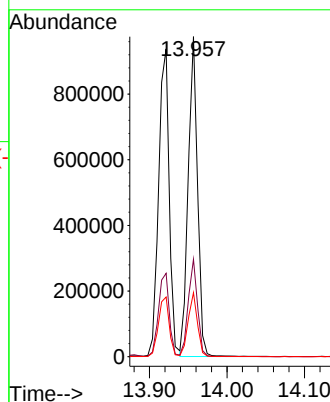
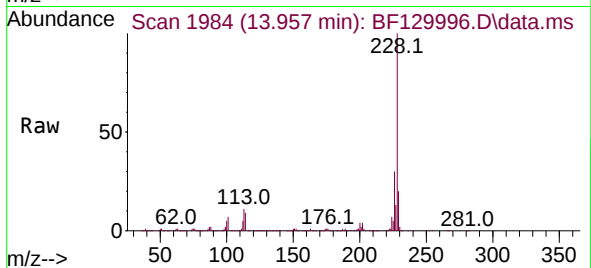
229 20.0 15.9 23.9

Manual Integrations

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Reviewed By :Christian Giraldo 08/26/2022

Supervised By :Jagrut Upadhyay 08/26/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 35.187 ng

RT: 13.886 min Scan# 1972

Delta R.T. 0.000 min

Lab File: BF129996.D

Acq: 25 Aug 2022 12:57

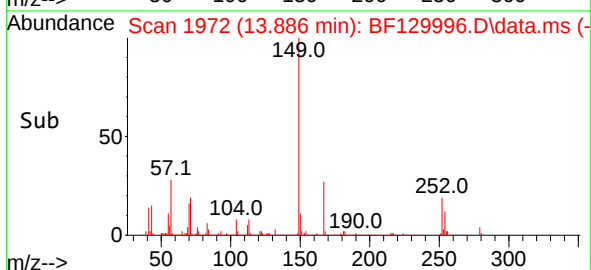
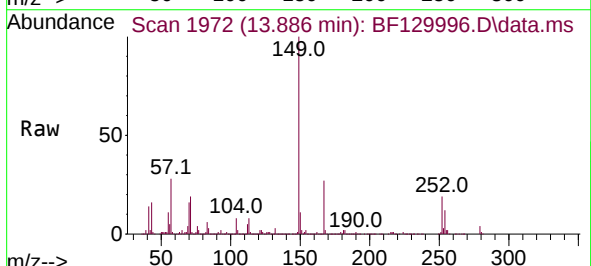
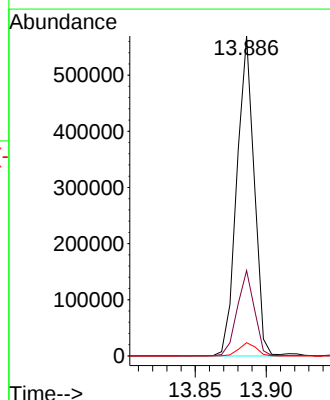
Tgt Ion:149 Resp: 481224

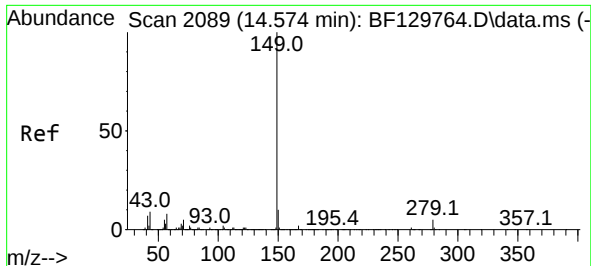
Ion Ratio Lower Upper

149 100

167 26.7 22.0 33.0

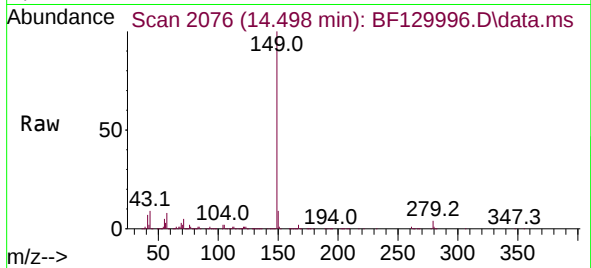
279 4.2 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 35.179 ng
RT: 14.498 min Scan# 2089
Delta R.T. 0.000 min
Lab File: BF129996.D
Acq: 25 Aug 2022 12:57

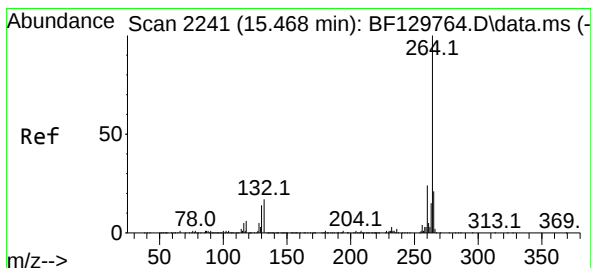
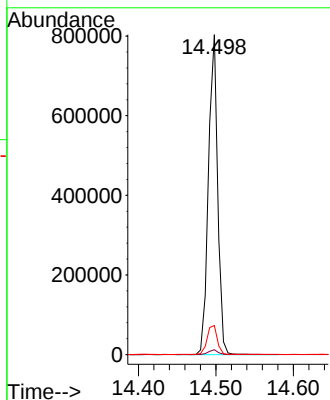
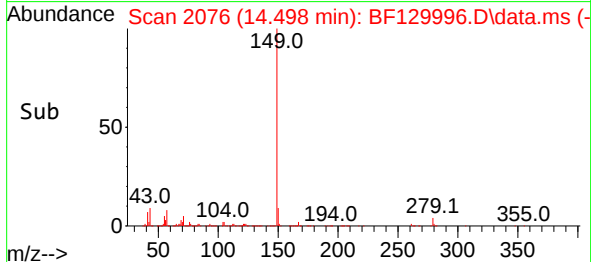
Instrument :
BNA_F
ClientSampleId :
PB147058BS



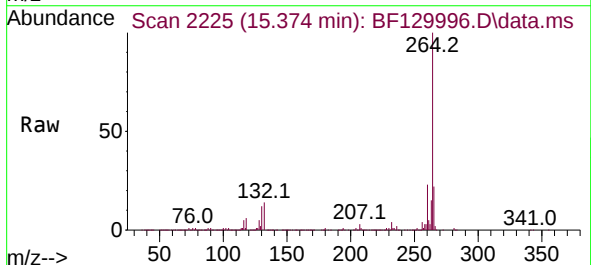
Tgt Ion:149 Resp: 664152
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 9.9 7.8 11.6

Manual Integrations
APPROVED

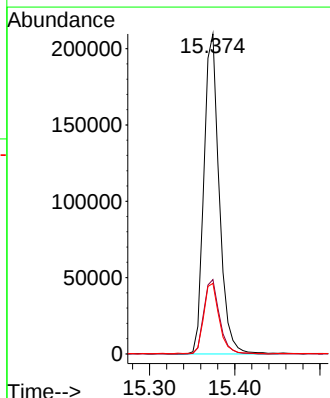
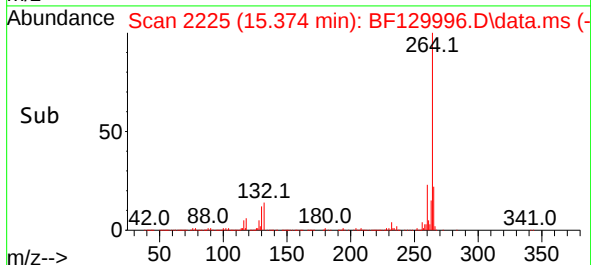
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

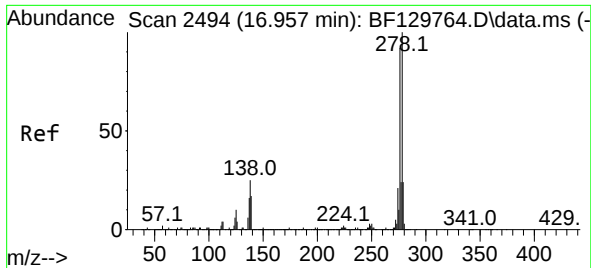


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.374 min Scan# 2225
Delta R.T. 0.006 min
Lab File: BF129996.D
Acq: 25 Aug 2022 12:57



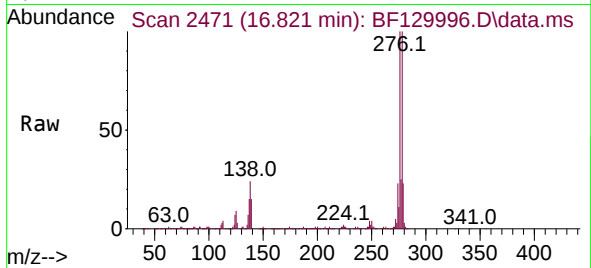
Tgt Ion:264 Resp: 260903
Ion Ratio Lower Upper
264 100
260 23.2 19.1 28.7
265 22.0 16.7 25.1





#87
Indeno(1,2,3-cd)pyrene
Concen: 45.843 ng
RT: 16.821 min Scan# 2494
Delta R.T. 0.006 min
Lab File: BF129996.D
Acq: 25 Aug 2022 12:57

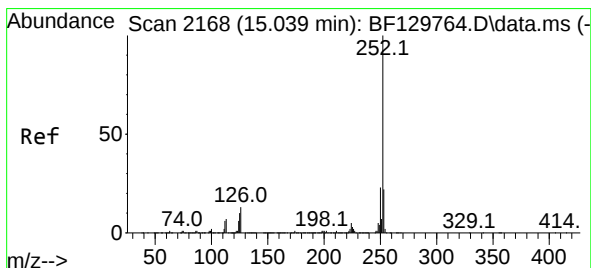
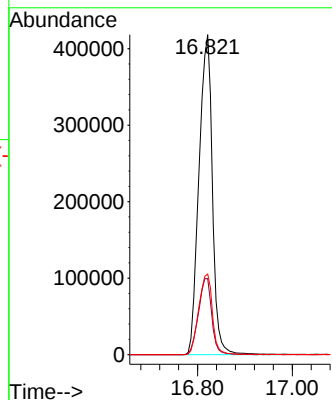
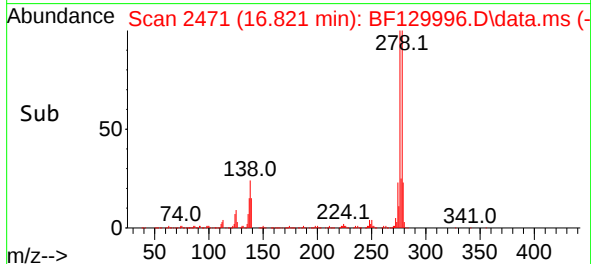
Instrument :
BNA_F
ClientSampleId :
PB147058BS



Tgt Ion: 276 Resp: 821118
Ion Ratio Lower Upper
276 100
138 23.5 19.8 29.8
277 25.6 20.4 30.6

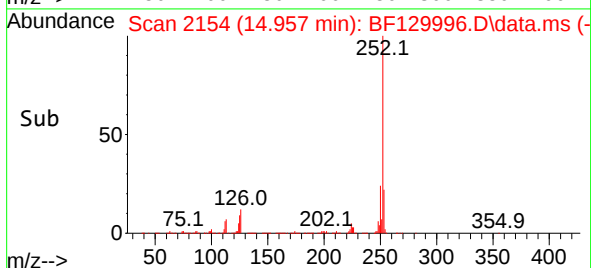
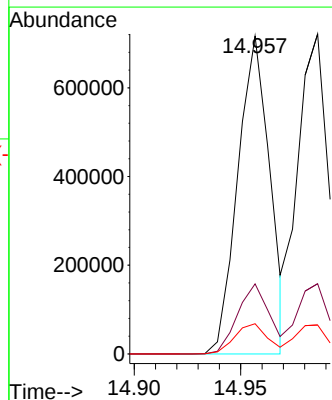
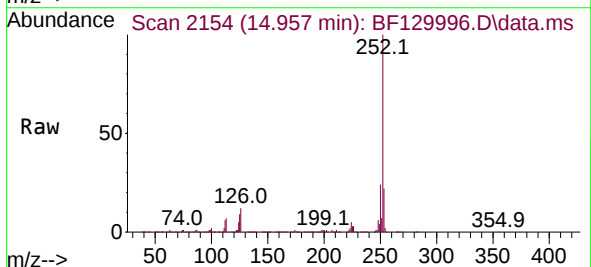
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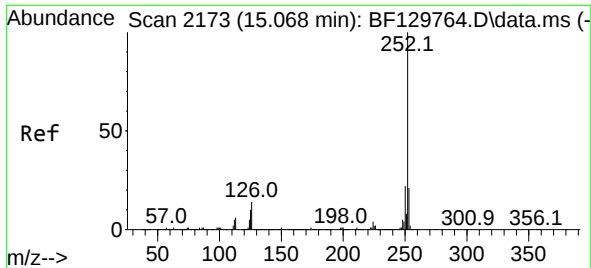
Reviewed By : Christian Giraldo 08/26/2022
Supervised By : Jagrut Upadhyay 08/26/2022



#88
Benzo(b)fluoranthene
Concen: 42.039 ng
RT: 14.957 min Scan# 2154
Delta R.T. 0.006 min
Lab File: BF129996.D
Acq: 25 Aug 2022 12:57

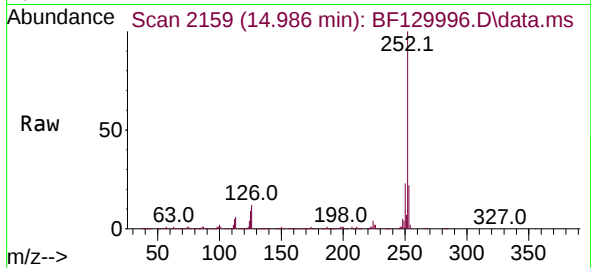
Tgt Ion: 252 Resp: 751041
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 9.5 8.3 12.5





#89
Benzo(k)fluoranthene
Concen: 43.638 ng
RT: 14.986 min Scan# 2115
Delta R.T. 0.006 min
Lab File: BF129996.D
Acq: 25 Aug 2022 12:57

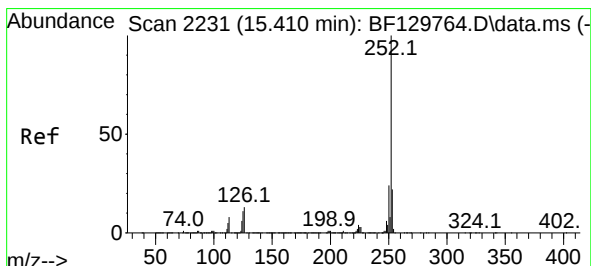
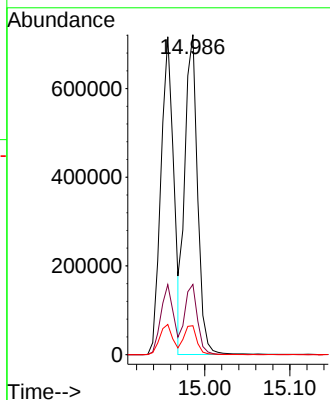
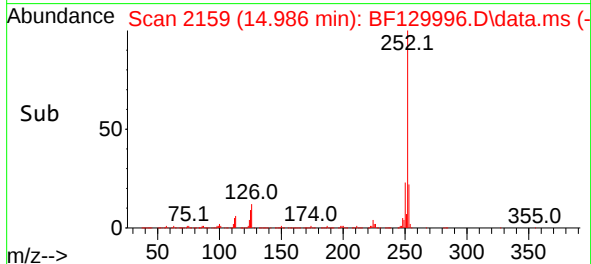
Instrument :
BNA_F
ClientSampleId :
PB147058BS



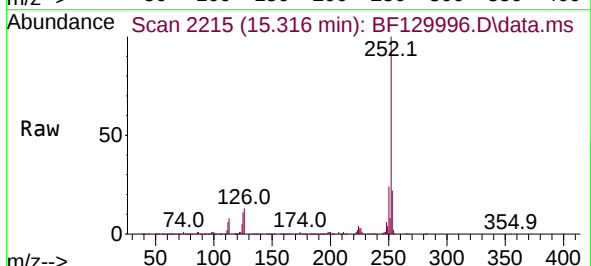
Tgt Ion:252 Resp: 747655
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 9.0 8.3 12.5

Manual Integrations
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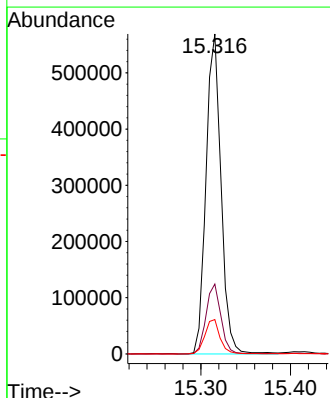
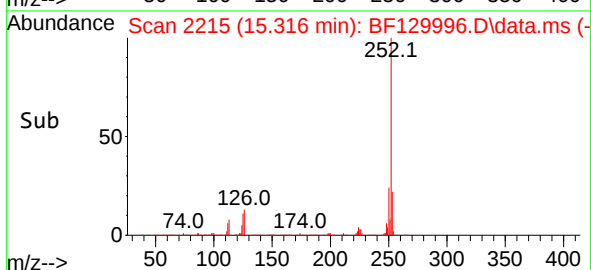
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

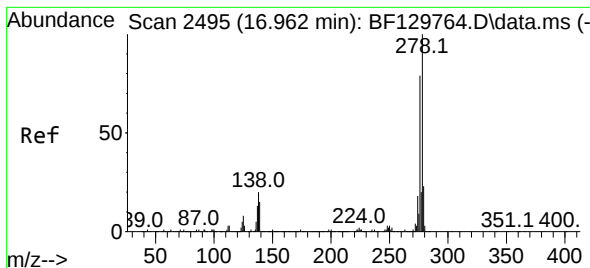


#90
Benzo(a)pyrene
Concen: 46.997 ng
RT: 15.316 min Scan# 2215
Delta R.T. 0.006 min
Lab File: BF129996.D
Acq: 25 Aug 2022 12:57



Tgt Ion:252 Resp: 661204
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 10.7 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 48.158 ng

RT: 16.821 min Scan# 2495

Delta R.T. 0.006 min

Lab File: BF129996.D

Acq: 25 Aug 2022 12:57

Instrument :

BNA_F

ClientSampleId :

PB147058BS

Tgt Ion:278 Resp: 711719

Ion Ratio Lower Upper

278 100

139 14.9 12.2 18.4

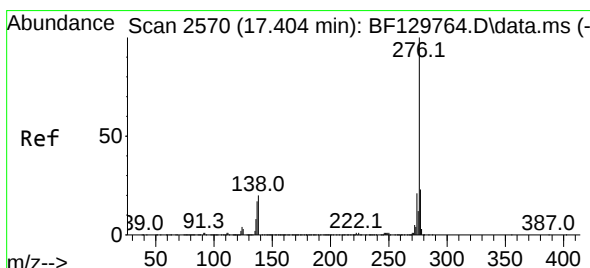
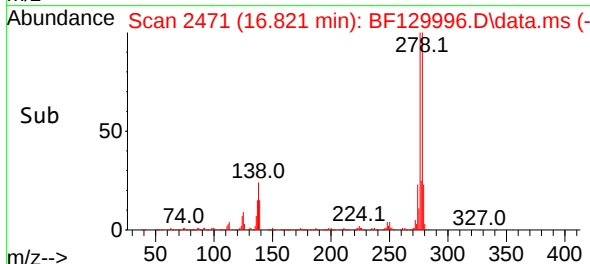
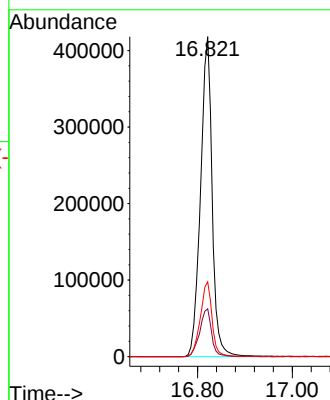
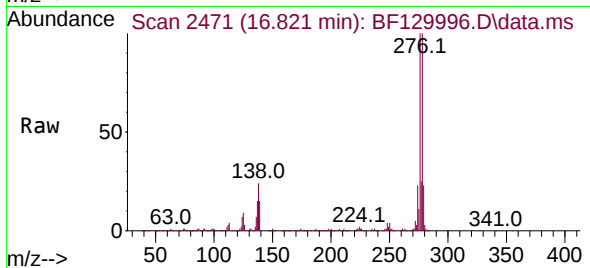
279 23.4 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/26/2022

Supervised By :Jagrut Upadhyay 08/26/2022



#92

Benzo(g,h,i)perylene

Concen: 49.503 ng

RT: 17.251 min Scan# 2544

Delta R.T. 0.006 min

Lab File: BF129996.D

Acq: 25 Aug 2022 12:57

Tgt Ion:276 Resp: 729877

Ion Ratio Lower Upper

276 100

277 23.9 18.2 27.4

138 19.1 15.8 23.8

