

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081522\
 Data File : BF129786.D
 Acq On : 15 Aug 2022 18:06
 Operator : CG\JU
 Sample : N4200-13MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S1MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/16/2022
 Supervised By : Jagrut Upadhyay 08/16/2022

Quant Time: Aug 16 03:15:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 15 02:28:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	167159	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	700633	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	376972	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	637879	20.000	ng	0.00
76) Chrysene-d12	14.004	240	400369	20.000	ng	0.00
86) Perylene-d12	15.468	264	337539	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	931012	92.216	ng	0.00
7) Phenol-d6	6.481	99	1186747	93.866	ng	0.00
23) Nitrobenzene-d5	7.393	82	746252	57.017	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	333779	88.220	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1414035	56.971	ng	0.00
79) Terphenyl-d14	12.939	244	1439646	59.832	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.652	88	170077	40.833	ng	99
3) Pyridine	3.416	79	441478	40.502	ng	99
4) n-Nitrosodimethylamine	3.381	42	228653	45.518	ng	96
6) Aniline	6.493	93	474656	32.940	ng	90
8) 2-Chlorophenol	6.622	128	509883	45.366	ng	99
9) Benzaldehyde	6.381	77	303075	45.730	ng	99
10) Phenol	6.498	94	599941	43.260	ng	83
11) bis(2-Chloroethyl)ether	6.563	93	482355	45.802	ng	99
12) 1,3-Dichlorobenzene	6.763	146	532182	43.860	ng	98
13) 1,4-Dichlorobenzene	6.840	146	531919	42.904	ng	99
14) 1,2-Dichlorobenzene	6.993	146	505110	43.867	ng	99
15) Benzyl Alcohol	6.981	79	425473	44.578	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.093	45	630412	44.673	ng	96
17) 2-Methylphenol	7.098	107	412469	45.706	ng	99
18) Hexachloroethane	7.328	117	205463	44.132	ng	96
19) n-Nitroso-di-n-propyla...	7.240	70	357671	44.757	ng	100
20) 3+4-Methylphenols	7.251	107	525033	43.342	ng	98
22) Acetophenone	7.240	105	714007	41.819	ng	98
24) Nitrobenzene	7.410	77	530870	40.225	ng	96
25) Isophorone	7.651	82	973900	43.233	ng	99
26) 2-Nitrophenol	7.728	139	278424	42.890	ng	99
27) 2,4-Dimethylphenol	7.775	122	445400	47.842	ng	98
28) bis(2-Chloroethoxy)met...	7.857	93	602230	45.787	ng	98
29) 2,4-Dichlorophenol	7.981	162	426747	41.921	ng	99
30) 1,2,4-Trichlorobenzene	8.045	180	426145	39.681	ng	97
31) Naphthalene	8.128	128	1442873	39.387	ng	99
32) Benzoic acid	7.928	122	172618	42.865	ng	94
33) 4-Chloroaniline	8.187	127	373958m	25.959	ng	
34) Hexachlorobutadiene	8.239	225	259831	39.734	ng	99
35) Caprolactam	8.575	113	130692m	41.284	ng	
36) 4-Chloro-3-methylphenol	8.687	107	462384	42.103	ng	99
37) 2-Methylnaphthalene	8.822	142	966357	40.192	ng	100
38) 1-Methylnaphthalene	8.922	142	923727	39.531	ng	99
40) 1,2,4,5-Tetrachloroben...	8.987	216	428431	40.862	ng	98
41) Hexachlorocyclopentadiene	8.969	237	368713	96.371	ng	98
43) 2,4,6-Trichlorophenol	9.110	196	271862	39.908	ng	97

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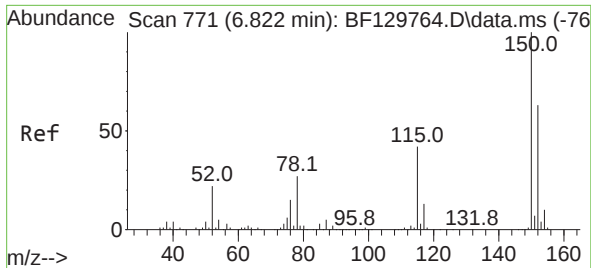
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.157	196	291803	39.815	ng	99
46) 1,1'-Biphenyl	9.287	154	1179587	41.189	ng	99
47) 2-Chloronaphthalene	9.310	162	909888	40.155	ng	98
48) 2-Nitroaniline	9.422	65	283698	39.618	ng	89
49) Acenaphthylene	9.728	152	1353689	39.396	ng	100
50) Dimethylphthalate	9.586	163	1073795	39.735	ng	99
51) 2,6-Dinitrotoluene	9.663	165	240298	40.992	ng	# 84
52) Acenaphthene	9.898	154	819442	39.307	ng	99
53) 3-Nitroaniline	9.834	138	159453	24.596	ng	98
54) 2,4-Dinitrophenol	9.951	184	209585	79.140	ng	94
55) Dibenzofuran	10.075	168	1224386	39.094	ng	97
56) 4-Nitrophenol	10.022	139	252045	87.392	ng	95
57) 2,4-Dinitrotoluene	10.069	165	303446	39.876	ng	98
58) Fluorene	10.416	166	1006884	38.503	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.198	232	213153	39.630	ng	# 84
60) Diethylphthalate	10.286	149	1045292	38.793	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	469533	40.010	ng	99
62) 4-Nitroaniline	10.457	138	233270m	35.668	ng	
63) Azobenzene	10.563	77	1022797	39.711	ng	99
65) 4,6-Dinitro-2-methylph...	10.481	198	152740	40.788	ng	98
66) n-Nitrosodiphenylamine	10.528	169	869517	40.387	ng	100
67) 4-Bromophenyl-phenylether	10.892	248	302539	40.494	ng	99
68) Hexachlorobenzene	10.963	284	331940	41.015	ng	98
69) Atrazine	11.057	200	286937	43.423	ng	97
70) Pentachlorophenol	11.169	266	189707	78.317	ng	96
71) Phenanthrene	11.380	178	1408679	39.541	ng	99
72) Anthracene	11.433	178	1419132	40.057	ng	100
73) Carbazole	11.592	167	1295090	40.270	ng	99
74) Di-n-butylphthalate	11.904	149	1644244	39.726	ng	100
75) Fluoranthene	12.575	202	1419655	38.943	ng	99
77) Benzidine	12.698	184	533096	56.891	ng	99
78) Pyrene	12.804	202	1407800	40.464	ng	99
80) Butylbenzylphthalate	13.410	149	605706	41.143	ng	96
81) Benzo(a)anthracene	13.992	228	1078563	39.161	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	277693	32.555	ng	98
83) Chrysene	14.033	228	1005634	39.007	ng	100
84) Bis(2-ethylhexyl)phtha...	13.963	149	748381	42.848	ng	99
85) Di-n-octyl phthalate	14.574	149	1056668	43.825	ng	99
87) Indeno(1,2,3-cd)pyrene	16.962	276	982938	42.418	ng	100
88) Benzo(b)fluoranthene	15.045	252	926022	40.065	ng	99
89) Benzo(k)fluoranthene	15.074	252	880511	39.724	ng	99
90) Benzo(a)pyrene	15.410	252	780905	42.903	ng	98
91) Dibenzo(a,h)anthracene	16.968	278	850707	44.493	ng	99
92) Benzo(g,h,i)perylene	17.410	276	866607	45.431	ng	98

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

Manual Integrations APPROVED

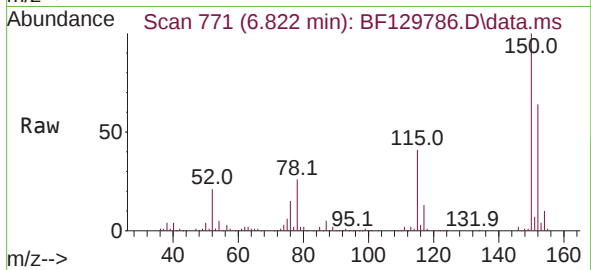
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06

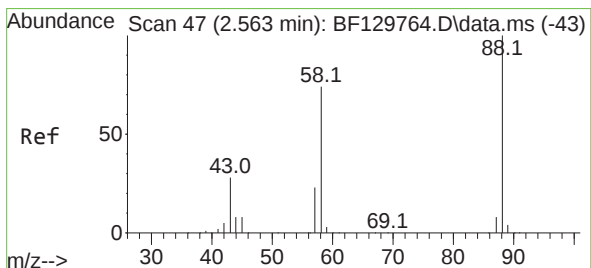
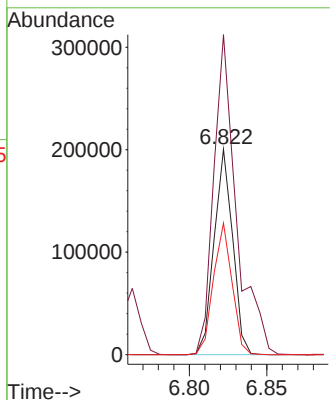
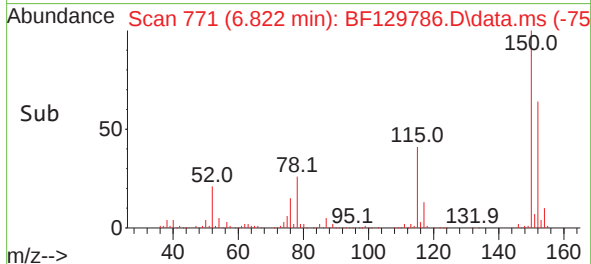
Instrument :
BNA_F
ClientSampleId :
S1MS



Tgt Ion:152 Resp: 167159
Ion Ratio Lower Upper
152 100
150 155.8 126.9 190.3
115 64.0 53.4 80.0

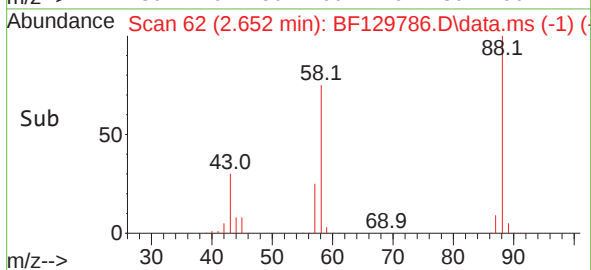
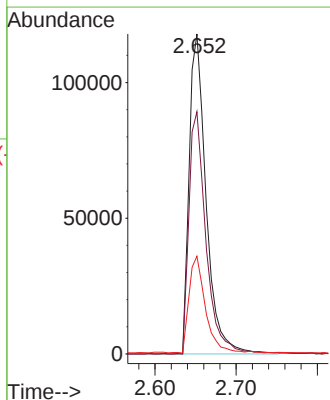
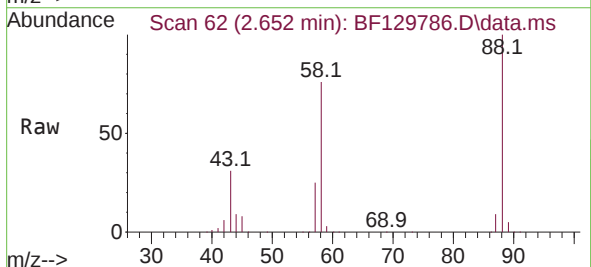
Manual Integrations
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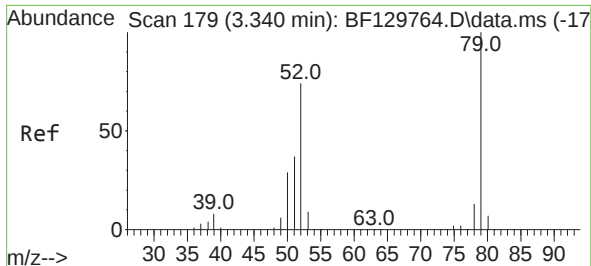
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022



#2
1,4-Dioxane
Concen: 40.833 ng
RT: 2.652 min Scan# 62
Delta R.T. 0.088 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06

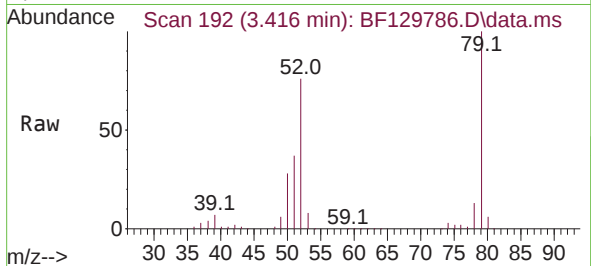
Tgt Ion: 88 Resp: 170077
Ion Ratio Lower Upper
88 100
58 76.8 60.9 91.3
43 29.0 23.6 35.4





#3
Pyridine
Concen: 40.502 ng
RT: 3.416 min Scan# 19
Delta R.T. 0.077 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06

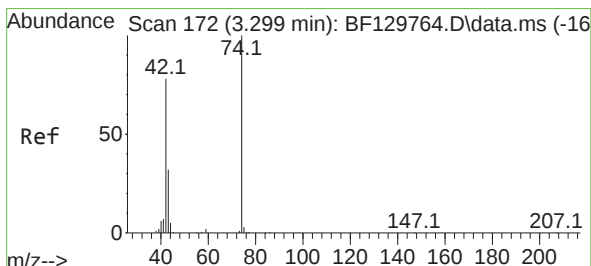
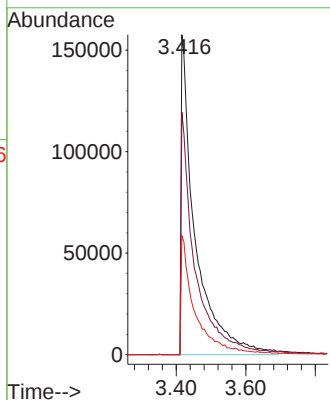
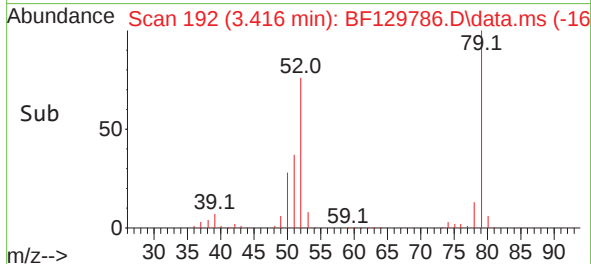
Instrument :
BNA_F
ClientSampleId :
S1MS



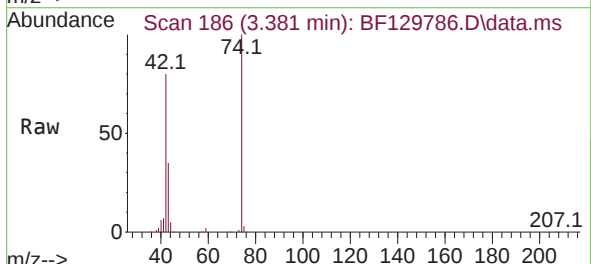
Tgt Ion: 79 Resp: 441478
Ion Ratio Lower Upper
79 100
52 75.8 59.4 89.2
51 37.1 29.5 44.3

Manual Integrations
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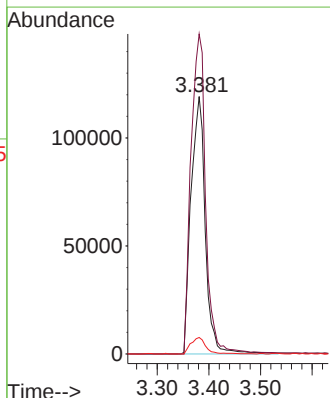
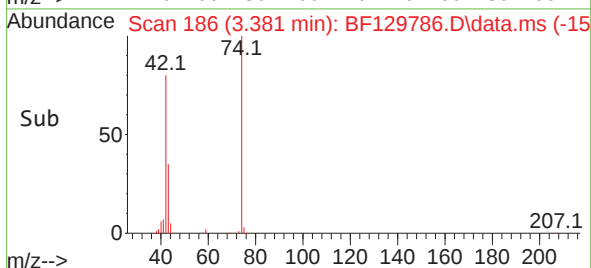
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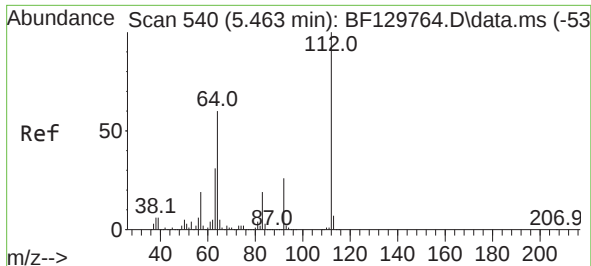


#4
n-Nitrosodimethylamine
Concen: 45.518 ng
RT: 3.381 min Scan# 186
Delta R.T. 0.082 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06



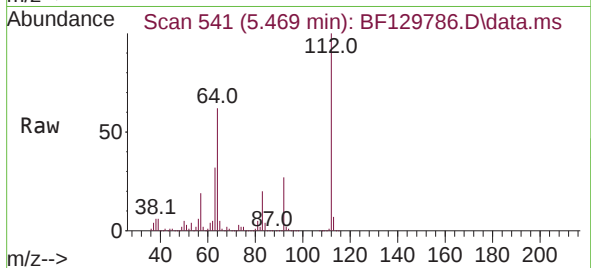
Tgt Ion: 42 Resp: 228653
Ion Ratio Lower Upper
42 100
74 124.4 103.1 154.7
44 6.4 5.4 8.2





#5
2-Fluorophenol
Concen: 92.216 ng
RT: 5.469 min Scan# 540
Delta R.T. 0.006 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06

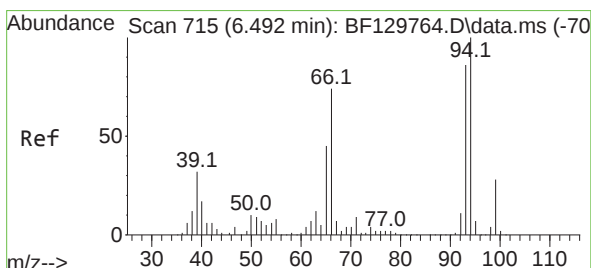
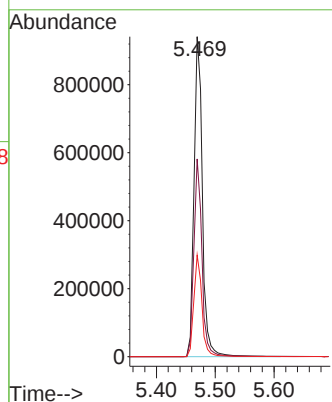
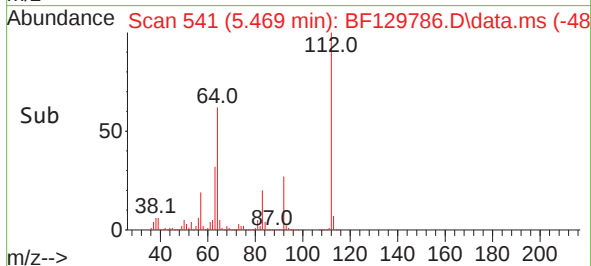
Instrument :
BNA_F
ClientSampleId :
S1MS



Tgt Ion: 112 Resp: 931012
Ion Ratio Lower Upper
112 100
64 61.8 47.6 71.4
63 31.7 24.6 37.0

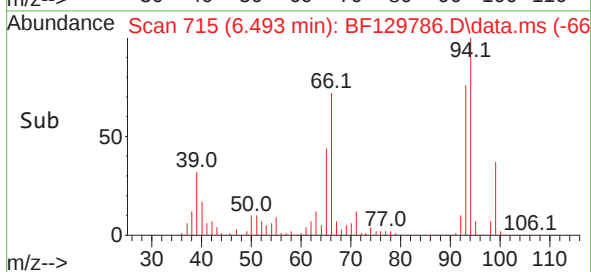
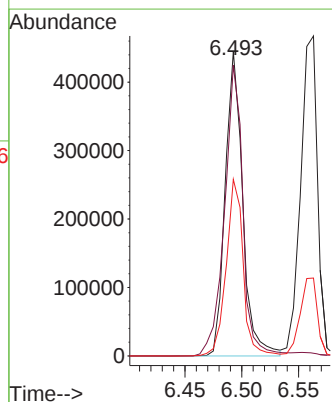
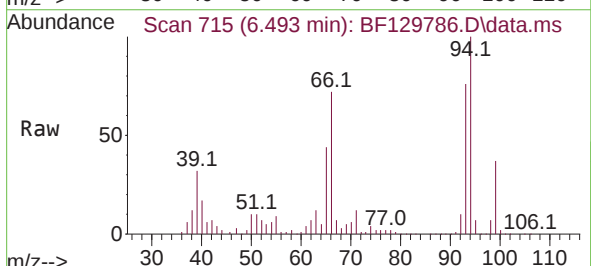
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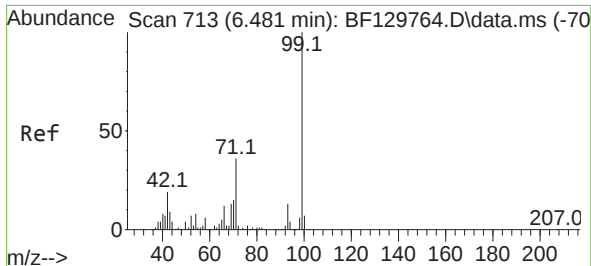
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022



#6
Aniline
Concen: 32.940 ng
RT: 6.493 min Scan# 715
Delta R.T. 0.000 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06

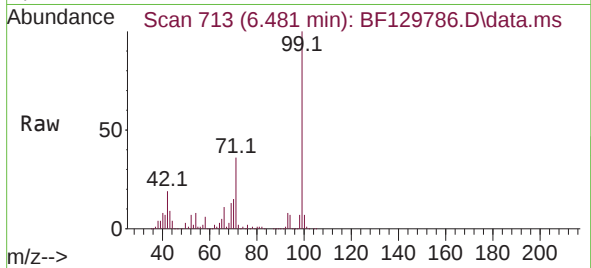
Tgt Ion: 93 Resp: 474656
Ion Ratio Lower Upper
93 100
66 95.4 68.7 103.1
65 58.0 41.6 62.4





#7
Phenol-d6
Concen: 93.866 ng
RT: 6.481 min Scan# 713
Delta R.T. 0.000 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06

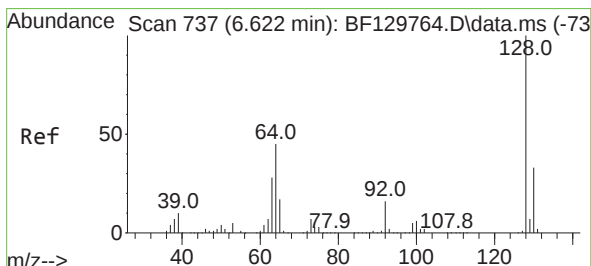
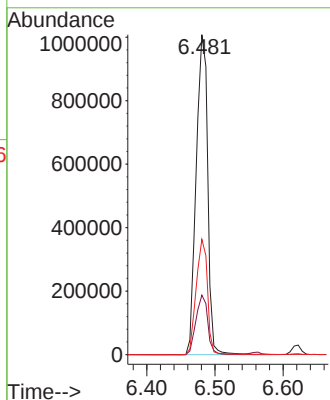
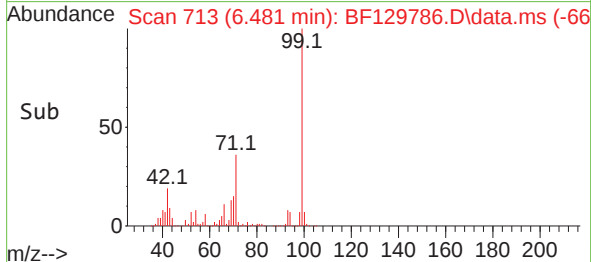
Instrument :
BNA_F
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S1MS



Tgt Ion: 99 Resp: 118674
Ion Ratio Lower Upper
99 100
42 18.6 15.0 22.4
71 36.0 28.8 43.2

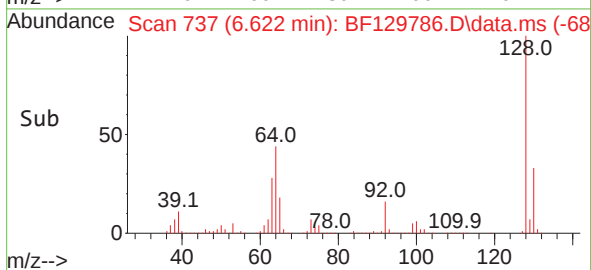
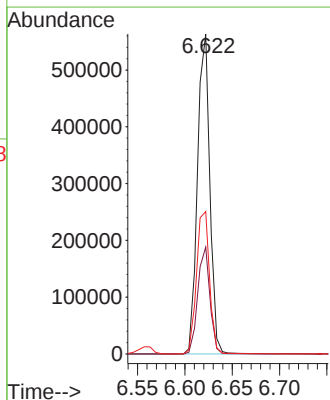
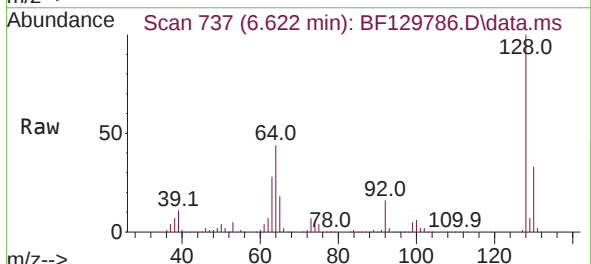
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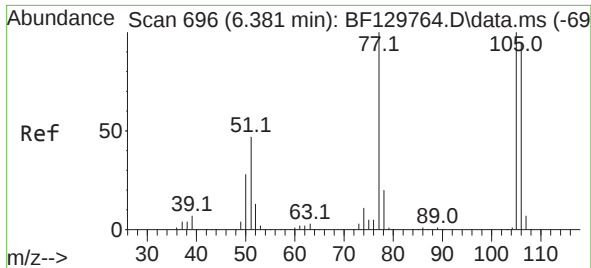
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022



#8
2-Chlorophenol
Concen: 45.366 ng
RT: 6.622 min Scan# 737
Delta R.T. 0.000 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06

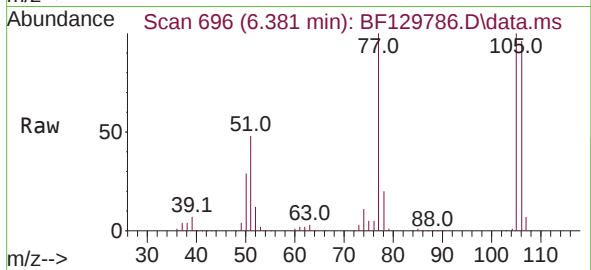
Tgt Ion:128 Resp: 509883
Ion Ratio Lower Upper
128 100
130 33.4 12.5 52.5
64 44.5 24.9 64.9





#9
Benzaldehyde
Concen: 45.730 ng
RT: 6.381 min Scan# 69
Delta R.T. -0.000 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06

Instrument :
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Client SampleId :
S1MS

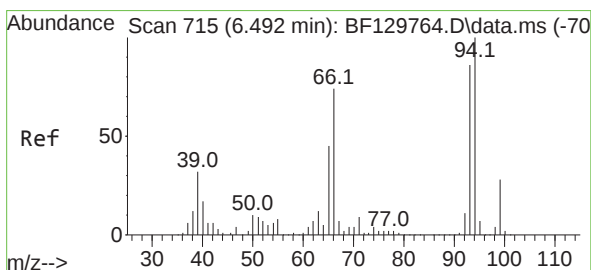
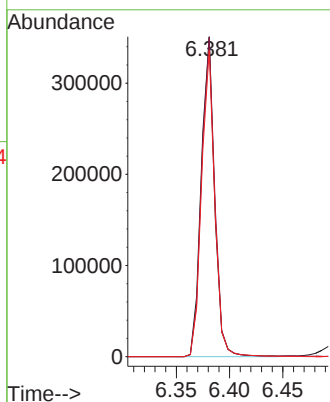


Tgt Ion: 77 Resp: 303075

Ion	Ratio	Lower	Upper
77	100		
105	99.8	80.3	120.3
106	95.7	74.3	114.3

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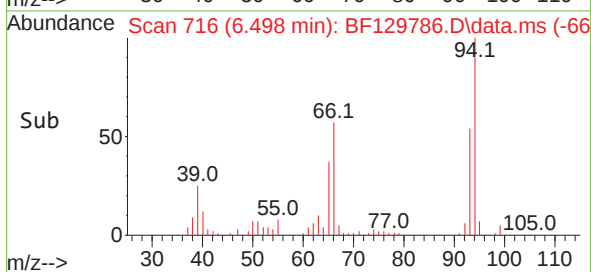
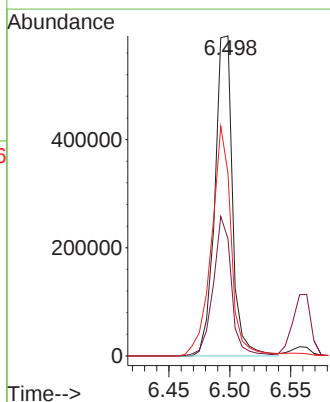
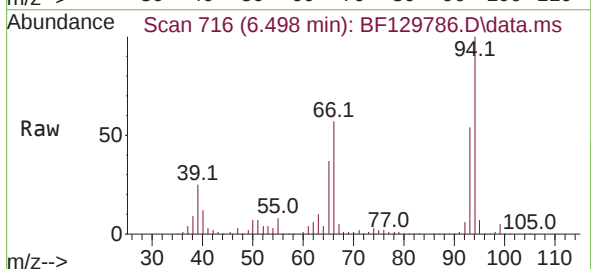
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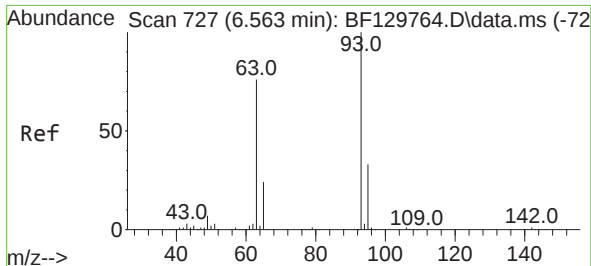


#10
Phenol
Concen: 43.260 ng
RT: 6.498 min Scan# 716
Delta R.T. 0.006 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06

Tgt Ion: 94 Resp: 599941

Ion	Ratio	Lower	Upper
94	100		
65	36.6	24.9	64.9
66	57.1	54.2	94.2





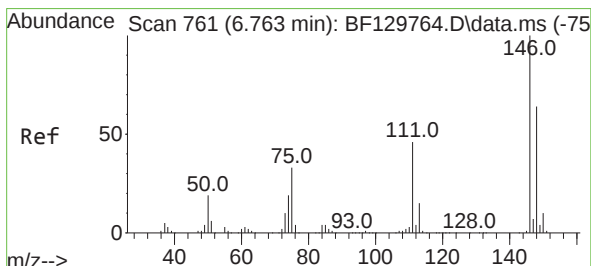
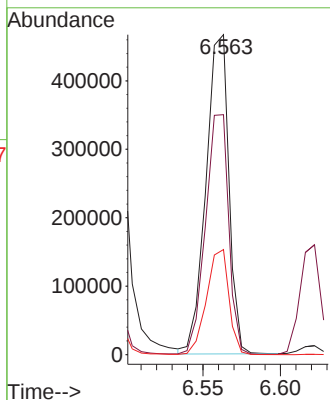
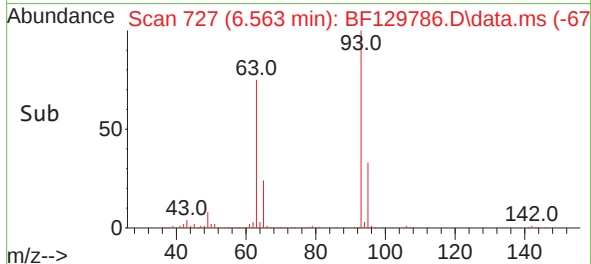
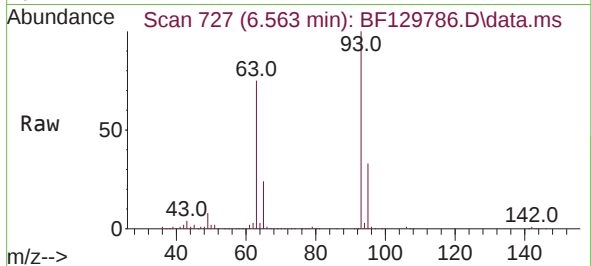
#11
bis(2-Chloroethyl)ether
Concen: 45.802 ng
RT: 6.563 min Scan# 727
Delta R.T. 0.000 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06

Instrument :
BNA_F
ClientSampleId :
S1MS

Tgt Ion: 93 Resp: 48235
Ion Ratio Lower Upper
93 100
63 75.0 55.9 95.9
95 32.8 12.3 52.3

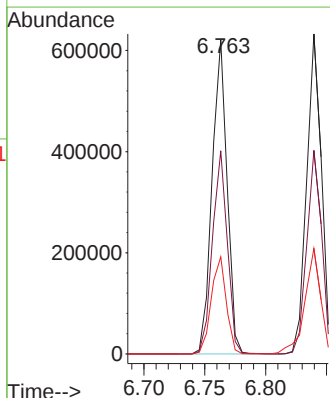
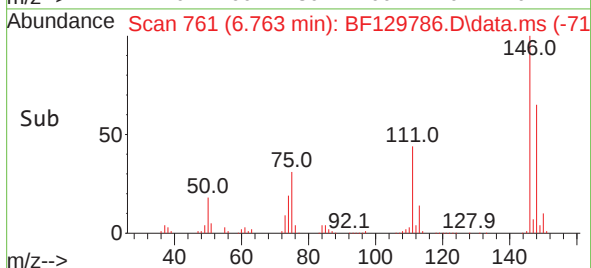
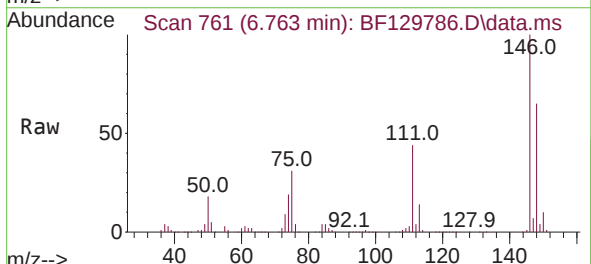
Manual Integrations
APPROVED

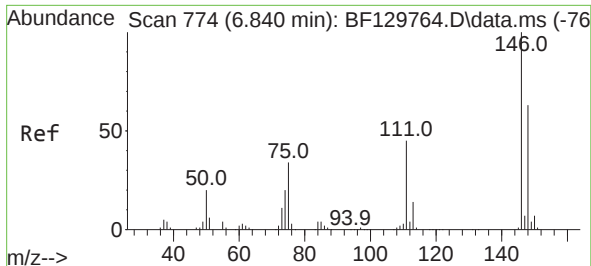
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022



#12
1,3-Dichlorobenzene
Concen: 43.860 ng
RT: 6.763 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06

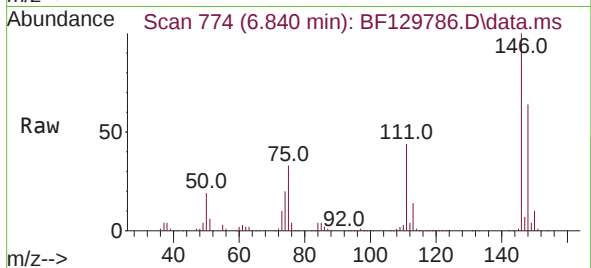
Tgt Ion:146 Resp: 532182
Ion Ratio Lower Upper
146 100
148 64.7 51.2 76.8
75 30.9 26.5 39.7





#13
1,4-Dichlorobenzene
Concen: 42.904 ng
RT: 6.840 min Scan# 774
Delta R.T. 0.000 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06

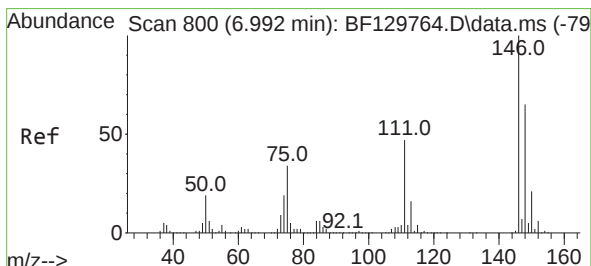
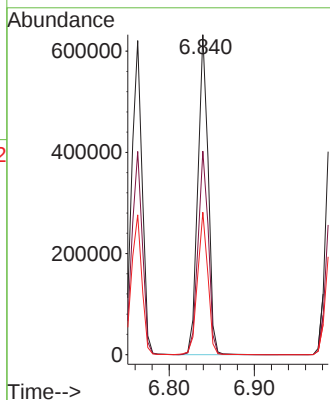
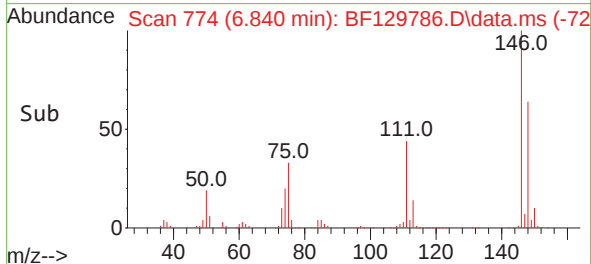
Instrument :
BNA_F
ClientSampleId :
S1MS



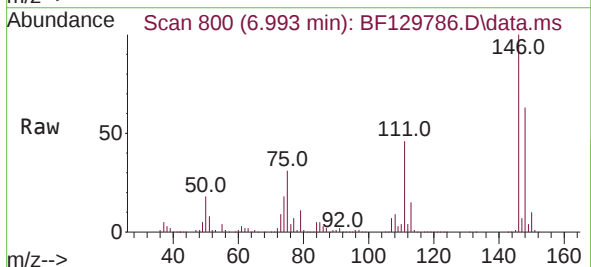
Tgt Ion:146 Resp: 531919
Ion Ratio Lower Upper
146 100
148 63.6 50.6 75.8
111 44.5 36.2 54.4

Manual Integrations
APPROVED

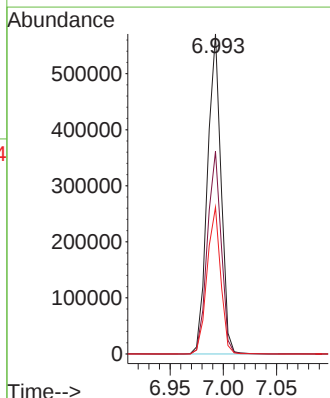
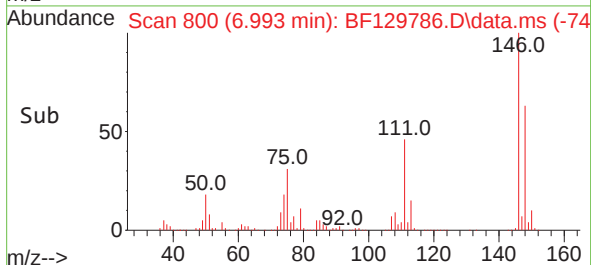
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022

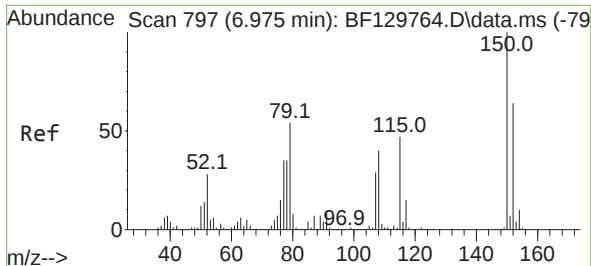


#14
1,2-Dichlorobenzene
Concen: 43.867 ng
RT: 6.993 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06



Tgt Ion:146 Resp: 505110
Ion Ratio Lower Upper
146 100
148 63.3 51.8 77.6
111 45.8 37.2 55.8





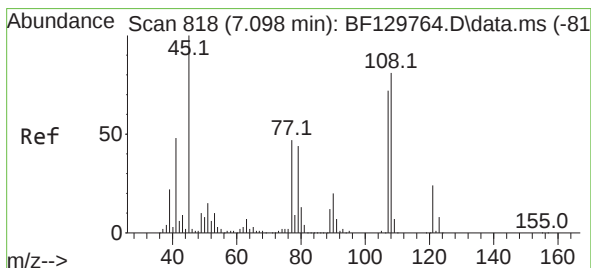
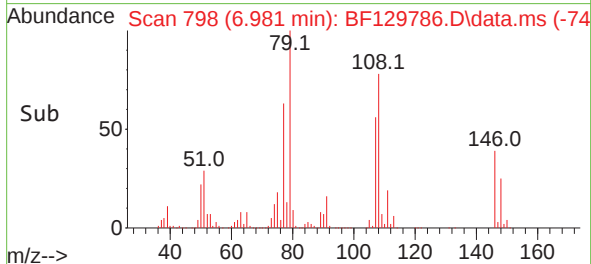
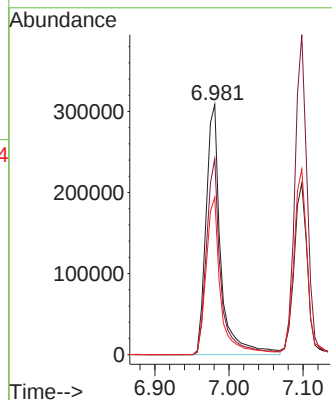
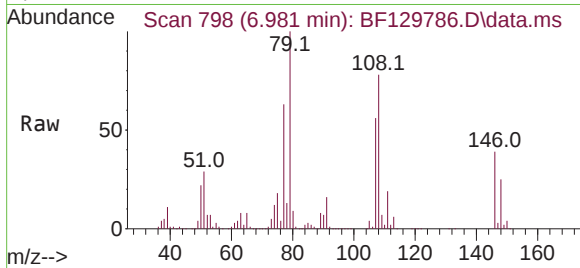
#15
Benzyl Alcohol
Concen: 44.578 ng
RT: 6.981 min Scan# 79
Delta R.T. 0.006 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06

Instrument :
BNA_F
ClientSampleId :
S1MS

Tgt Ion: 79 Resp: 425473
Ion Ratio Lower Upper
79 100
108 78.2 59.2 88.8
77 62.9 51.9 77.9

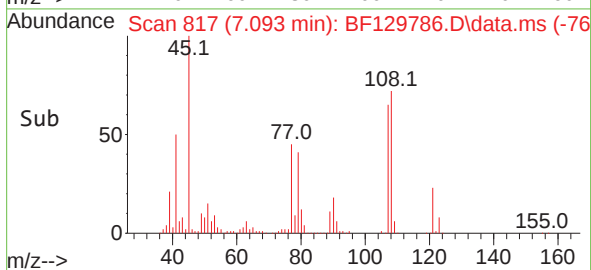
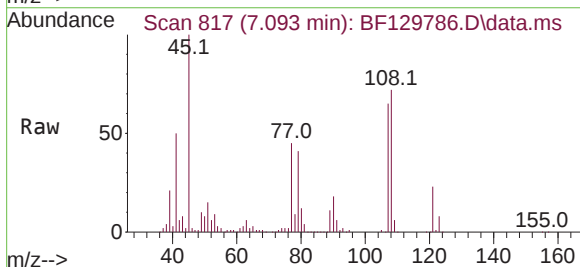
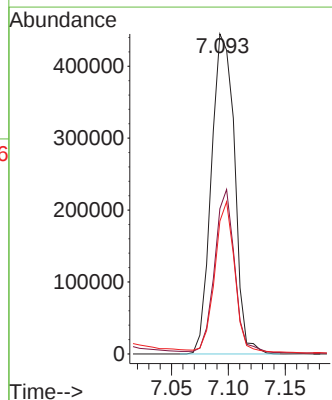
Manual Integrations
APPROVED

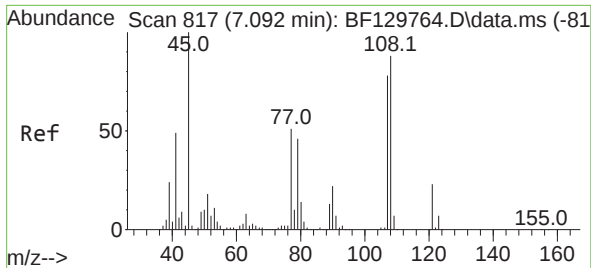
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.673 ng
RT: 7.093 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06

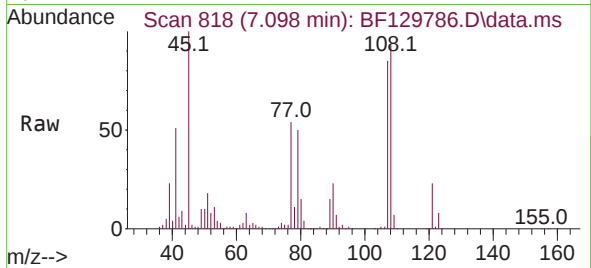
Tgt Ion: 45 Resp: 630412
Ion Ratio Lower Upper
45 100
77 45.4 27.4 67.4
79 41.5 24.4 64.4





#17
2-Methylphenol
Concen: 45.706 ng
RT: 7.098 min Scan# 817
Delta R.T. 0.006 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06

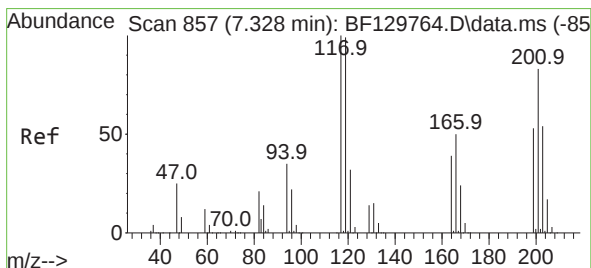
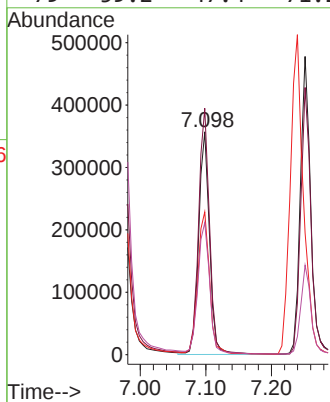
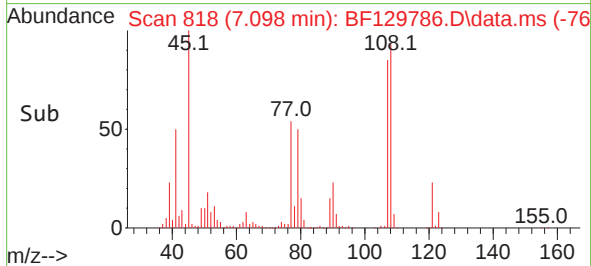
Instrument :
BNA_F
Client SampleId :
S1MS



Tgt Ion:107 Resp: 412469
Ion Ratio Lower Upper
107 100
108 110.6 90.2 135.2
77 64.0 51.8 77.8
79 59.2 47.4 71.2

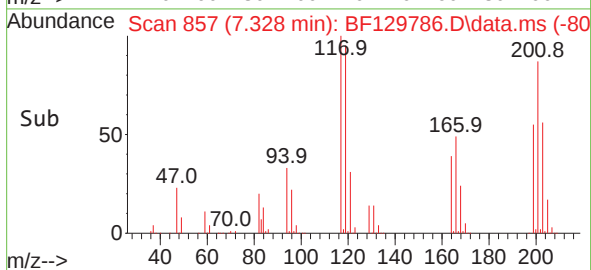
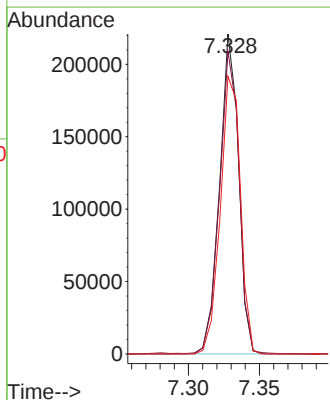
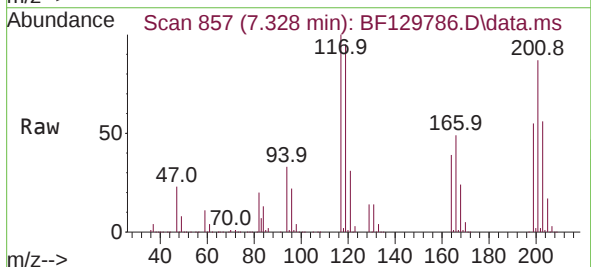
Manual Integrations
APPROVED

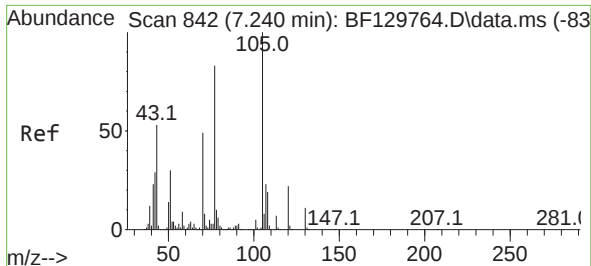
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022



#18
Hexachloroethane
Concen: 44.132 ng
RT: 7.328 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06

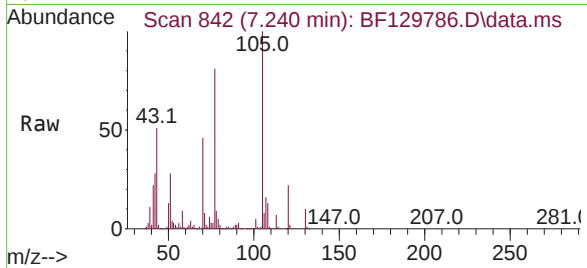
Tgt Ion:117 Resp: 205463
Ion Ratio Lower Upper
117 100
119 94.6 79.1 118.7
201 86.7 66.6 100.0





#19
n-Nitroso-di-n-propylamine
Concen: 44.757 ng
RT: 7.240 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06

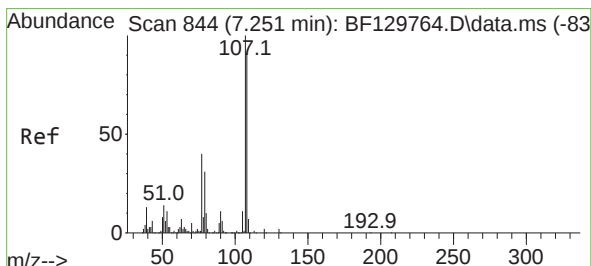
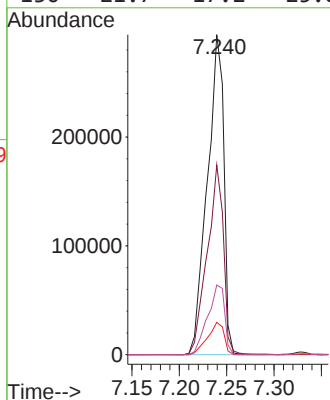
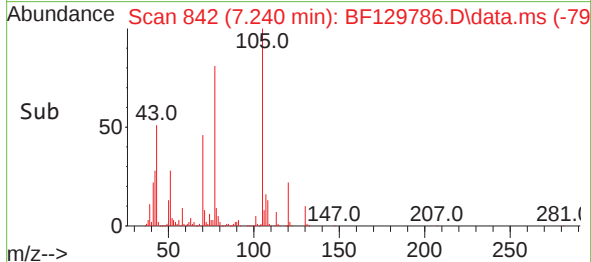
Instrument :
BNA_F
ClientSampleId :
S1MS



Tgt Ion: 70 Resp: 35767
Ion Ratio Lower Upper
70 100
42 59.3 47.6 71.4
101 10.1 8.1 12.1
130 21.7 17.2 25.8

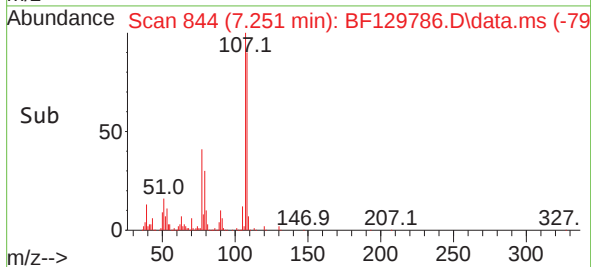
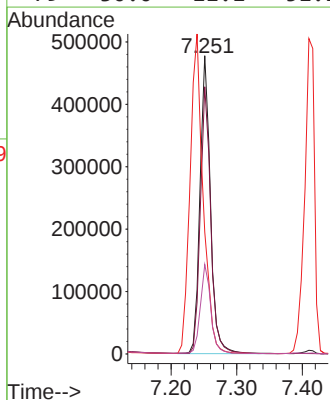
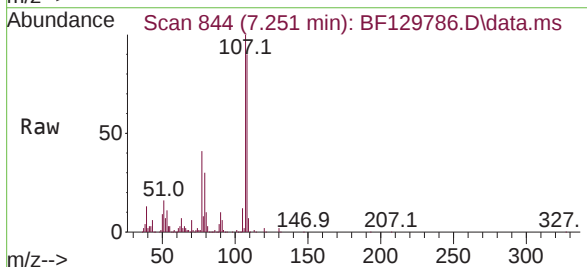
Manual Integrations
APPROVED

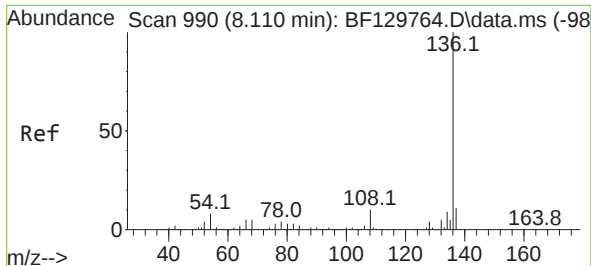
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022



#20
3+4-Methylphenols
Concen: 43.342 ng
RT: 7.251 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06

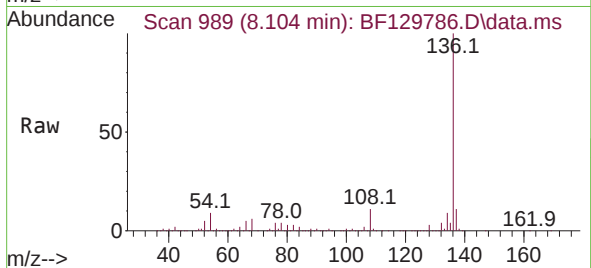
Tgt Ion:107 Resp: 525033
Ion Ratio Lower Upper
107 100
108 89.5 71.3 111.3
77 40.9 20.4 60.4
79 30.0 11.1 51.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 989
Delta R.T. -0.006 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06

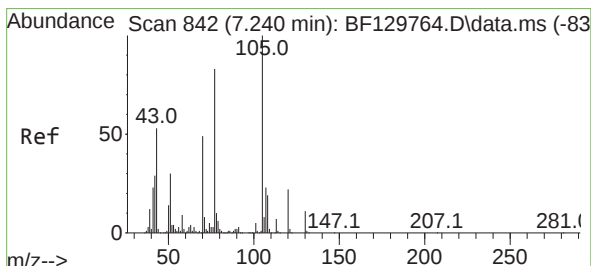
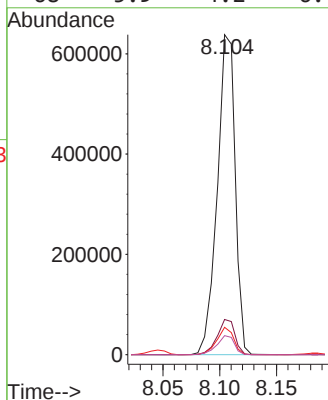
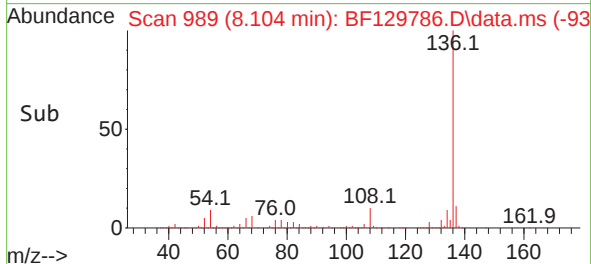
Instrument :
BNA_F
Client SampleId :
S1MS



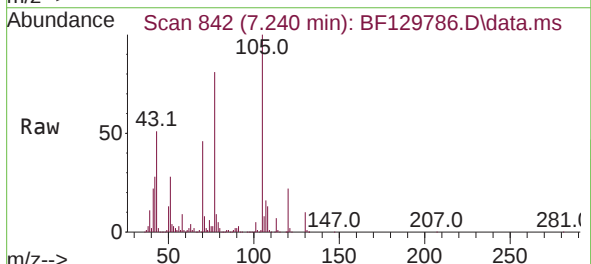
Tgt Ion:	136	Resp:	700633
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.4	12.6
54	8.5	6.2	9.2
68	5.9	4.2	6.4

Manual Integrations
APPROVED

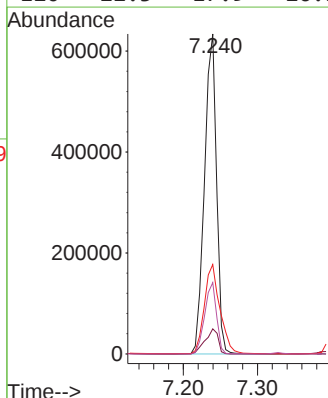
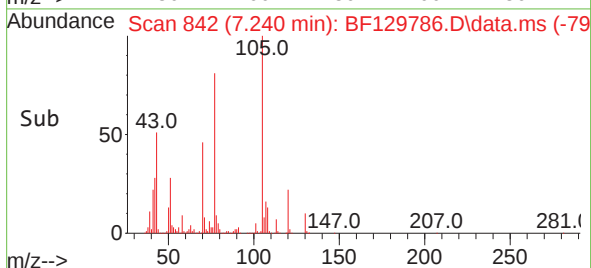
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022

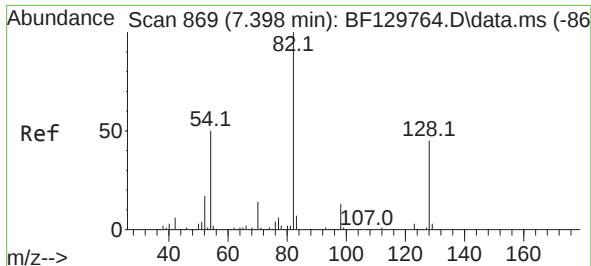


#22
Acetophenone
Concen: 41.819 ng
RT: 7.240 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06



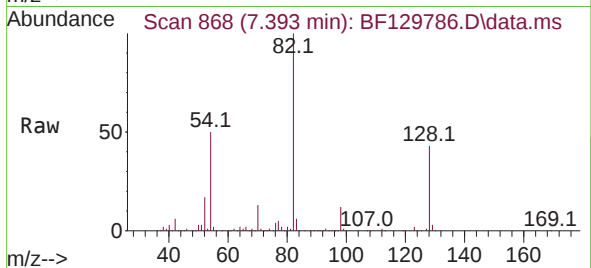
Tgt Ion:	105	Resp:	714007
Ion Ratio	Lower	Upper	
105	100		
71	7.8	6.6	9.8
51	27.9	23.8	35.8
120	22.3	17.9	26.9





#23
Nitrobenzene-d5
Concen: 57.017 ng
RT: 7.393 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06

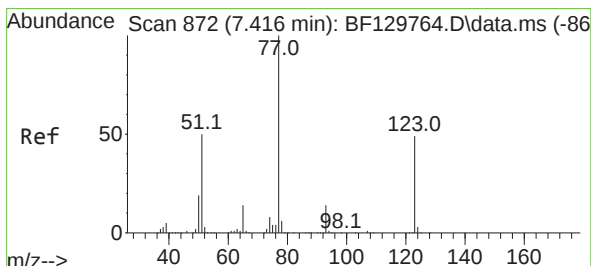
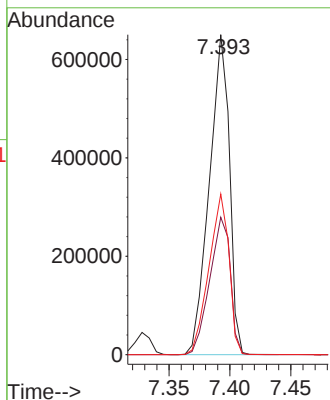
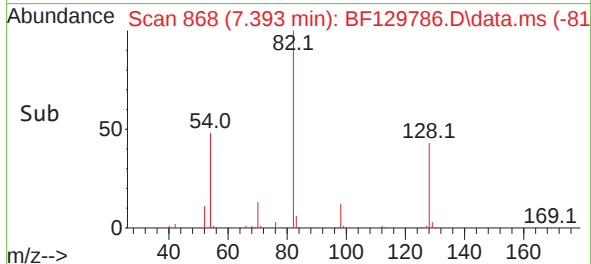
Instrument :
BNA_F
ClientSampleId :
S1MS



Tgt Ion: 82 Resp: 746252
Ion Ratio Lower Upper
82 100
128 42.9 36.1 54.1
54 50.2 40.0 60.0

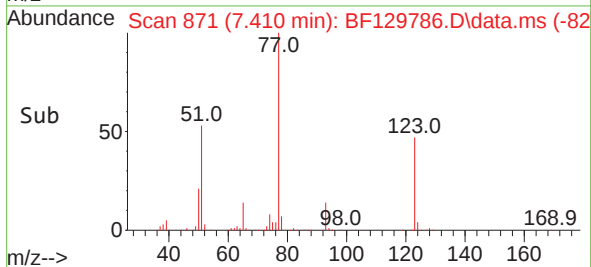
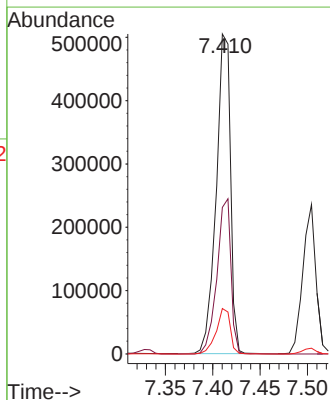
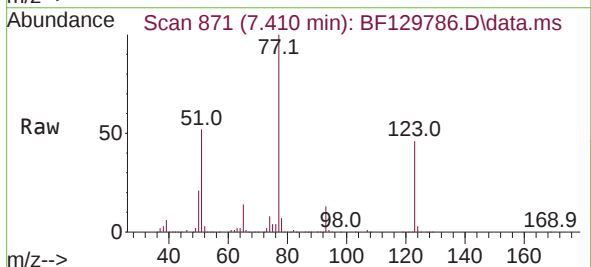
Manual Integrations
APPROVED

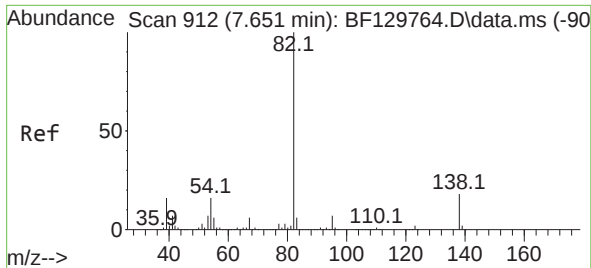
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022



#24
Nitrobenzene
Concen: 40.225 ng
RT: 7.410 min Scan# 871
Delta R.T. -0.006 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06

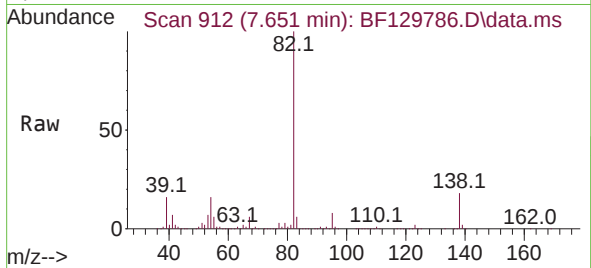
Tgt Ion: 77 Resp: 530870
Ion Ratio Lower Upper
77 100
123 45.8 39.2 58.8
65 14.2 11.1 16.7





#25
Isophorone
Concen: 43.233 ng
RT: 7.651 min Scan# 912
Delta R.T. 0.000 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06

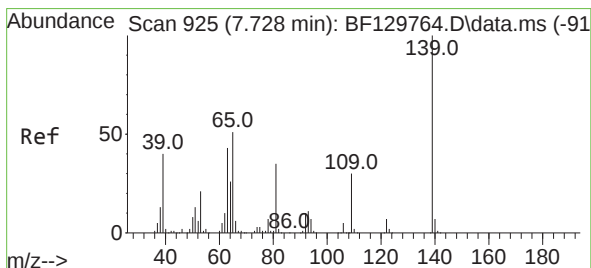
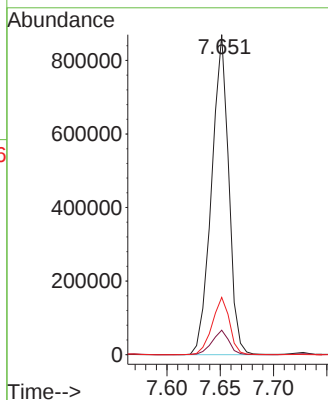
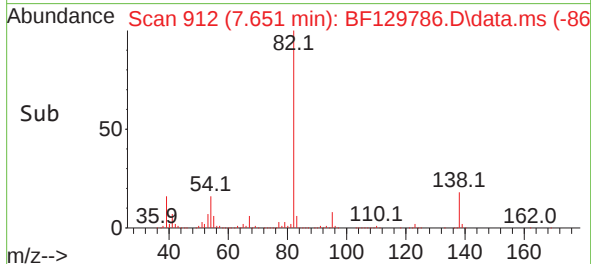
Instrument :
BNA_F
ClientSampleId :
S1MS



Tgt Ion: 82 Resp: 973900
Ion Ratio Lower Upper
82 100
95 7.6 5.9 8.9
138 17.9 14.6 21.8

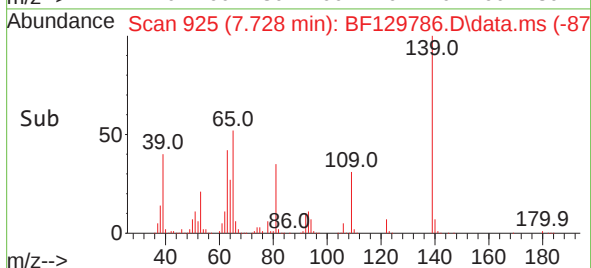
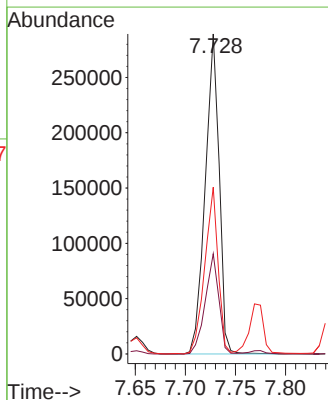
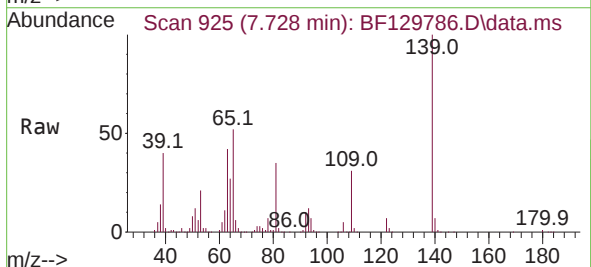
Manual Integrations
APPROVED

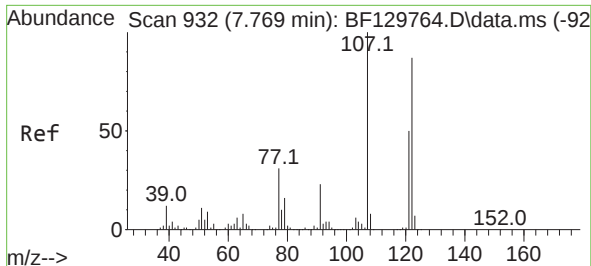
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022



#26
2-Nitrophenol
Concen: 42.890 ng
RT: 7.728 min Scan# 925
Delta R.T. 0.000 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06

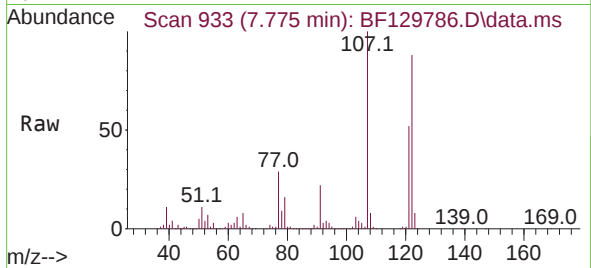
Tgt Ion:139 Resp: 278424
Ion Ratio Lower Upper
139 100
109 31.3 24.4 36.6
65 52.1 40.9 61.3





#27
2,4-Dimethylphenol
Concen: 47.842 ng
RT: 7.775 min Scan# 932
Delta R.T. 0.006 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06

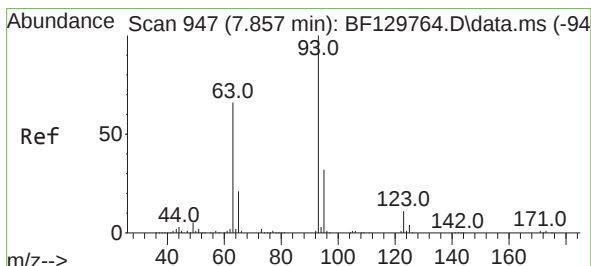
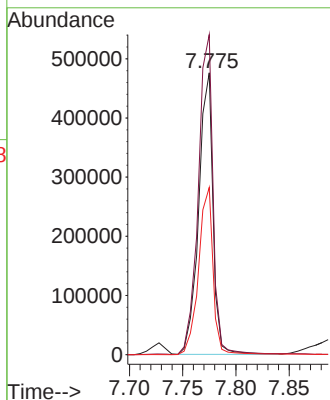
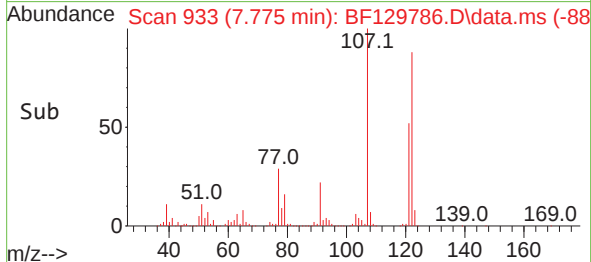
Instrument :
BNA_F
ClientSampleId :
S1MS



Tgt Ion:122 Resp: 445400
Ion Ratio Lower Upper
122 100
107 113.5 92.2 138.4
121 59.3 46.1 69.1

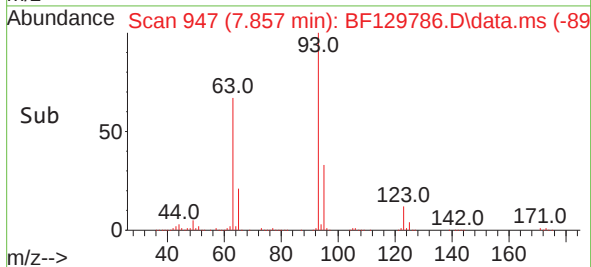
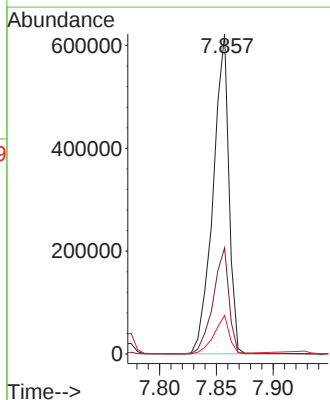
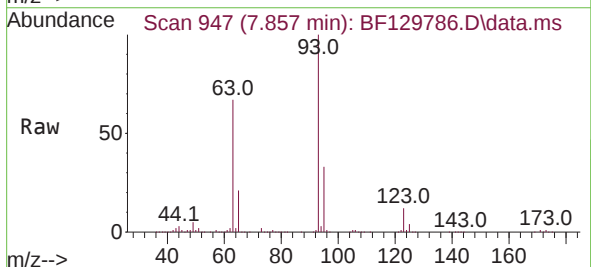
Manual Integrations
APPROVED

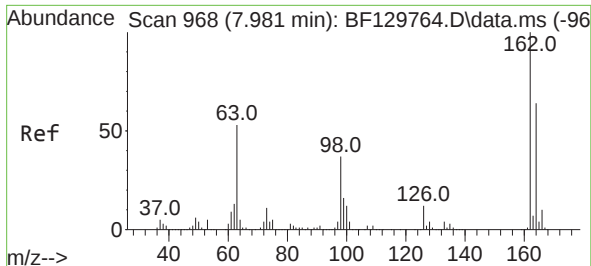
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022



#28
bis(2-Chloroethoxy)methane
Concen: 45.787 ng
RT: 7.857 min Scan# 947
Delta R.T. 0.000 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06

Tgt Ion: 93 Resp: 602230
Ion Ratio Lower Upper
93 100
95 33.1 25.6 38.4
123 12.0 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 41.921 ng

RT: 7.981 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF129786.D

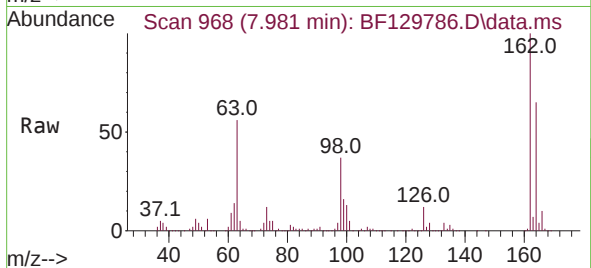
Acq: 15 Aug 2022 18:06

Instrument :

BNA_F

ClientSampleId :

SIMS

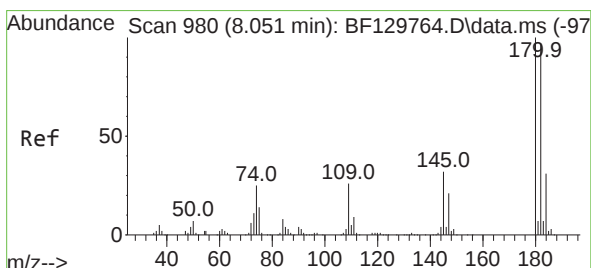
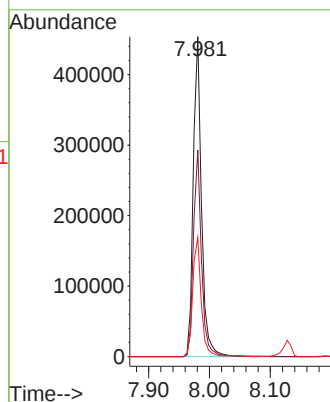
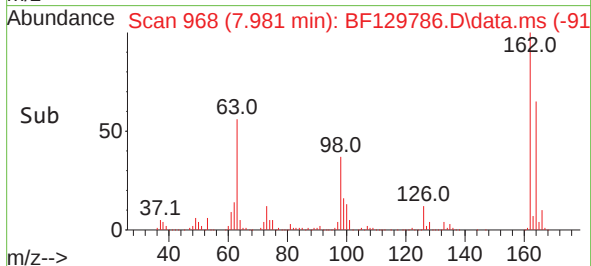


Tgt Ion:	162	Resp:	42674
Ion Ratio	Lower	Upper	
162	100		
164	64.6	43.7	83.7
98	37.2	16.5	56.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022



#30

1,2,4-Trichlorobenzene

Concen: 39.681 ng

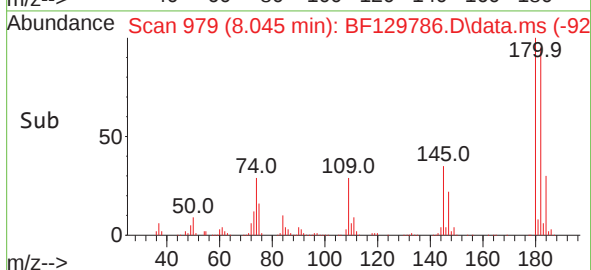
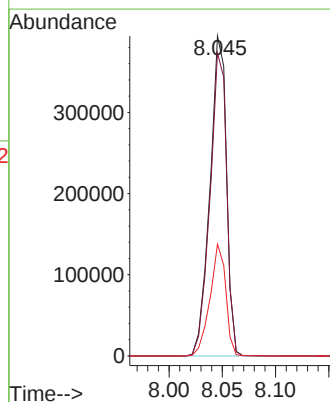
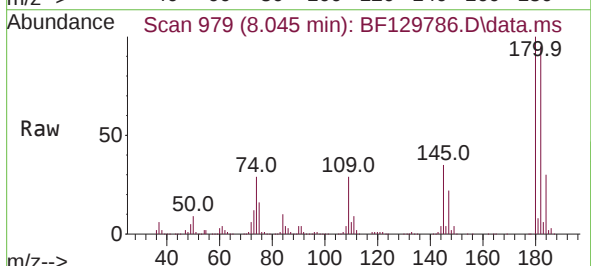
RT: 8.045 min Scan# 979

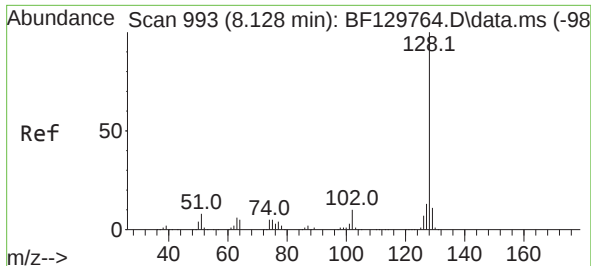
Delta R.T. -0.006 min

Lab File: BF129786.D

Acq: 15 Aug 2022 18:06

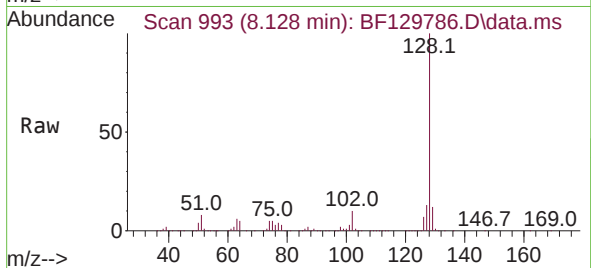
Tgt Ion:	180	Resp:	426145
Ion Ratio	Lower	Upper	
180	100		
182	94.7	77.6	116.4
145	34.9	25.6	38.4





#31
Naphthalene
Concen: 39.387 ng
RT: 8.128 min Scan# 993
Delta R.T. 0.000 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06

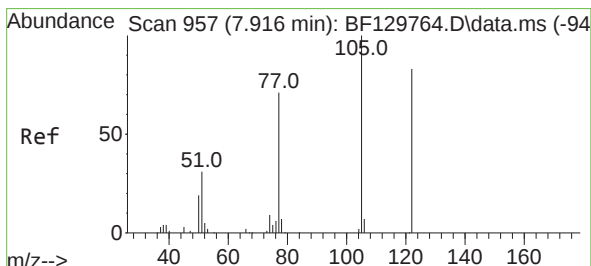
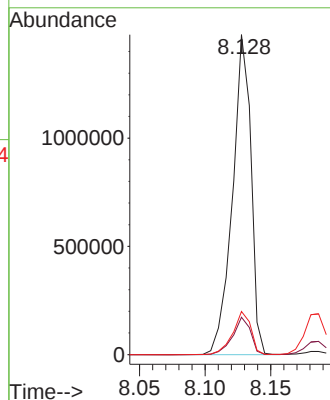
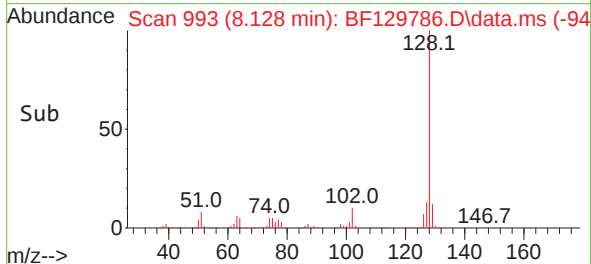
Instrument :
BNA_F
ClientSampleId :
S1MS



Tgt Ion:128 Resp: 1442873
Ion Ratio Lower Upper
128 100
129 11.7 8.9 13.3
127 13.5 10.7 16.1

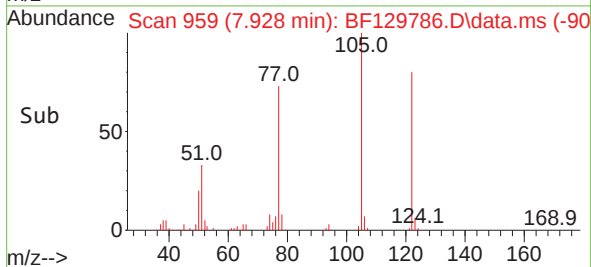
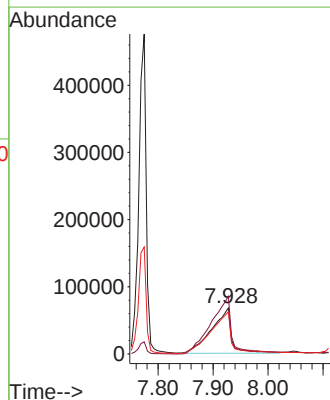
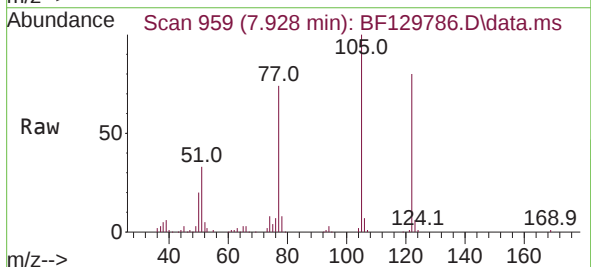
Manual Integrations
APPROVED

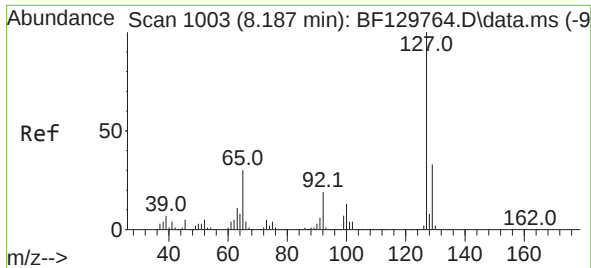
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022



#32
Benzoic acid
Concen: 42.865 ng
RT: 7.928 min Scan# 959
Delta R.T. 0.012 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06

Tgt Ion:122 Resp: 172618
Ion Ratio Lower Upper
122 100
105 125.2 99.9 139.9
77 92.2 65.9 105.9





#33
4-Chloroaniline
Concen: 25.959 ng m
RT: 8.187 min Scan# 1003
Delta R.T. 0.000 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06

Instrument :

BNA_F

ClientSampleId :

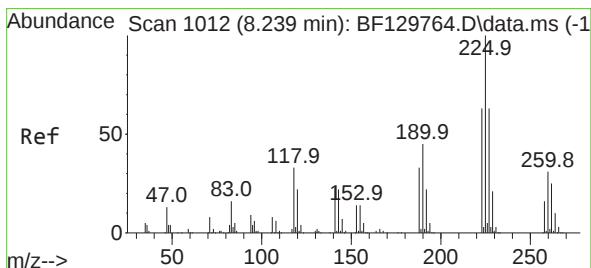
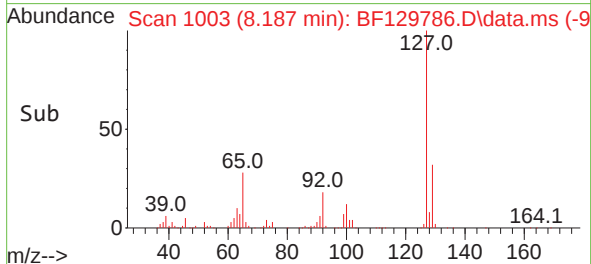
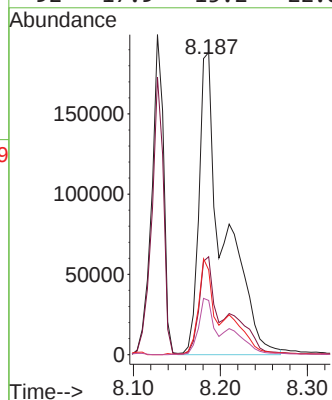
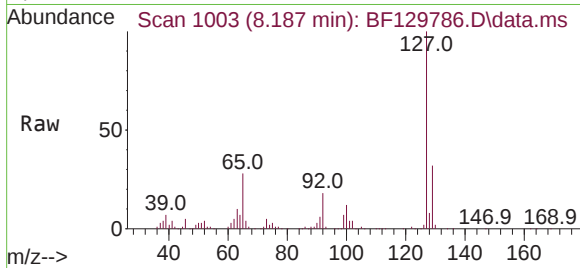
SIMS

Tgt Ion:127 Resp: 373958
Ion Ratio Lower Upper
127 100
129 32.4 26.7 40.1
65 28.0 24.2 36.2
92 17.9 15.2 22.8

Manual Integrations

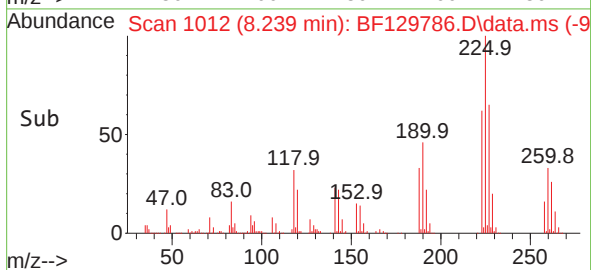
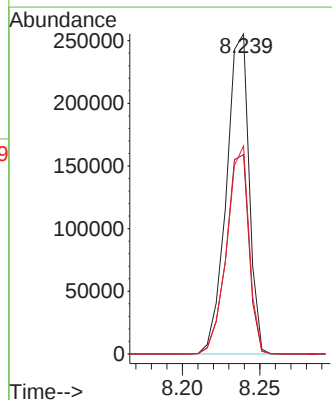
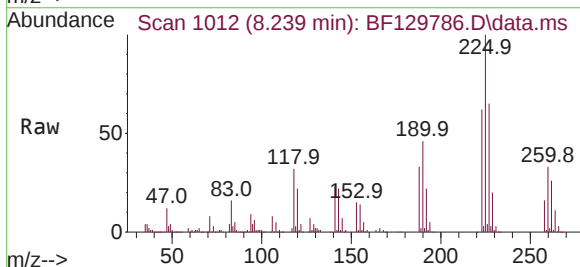
APPROVED

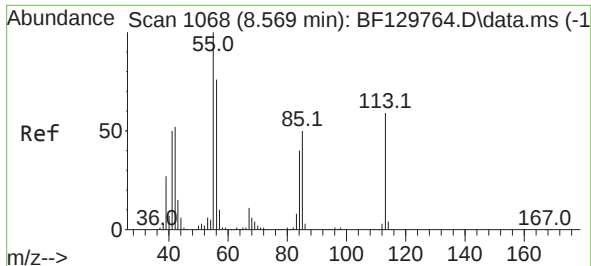
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022



#34
Hexachlorobutadiene
Concen: 39.734 ng
RT: 8.239 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06

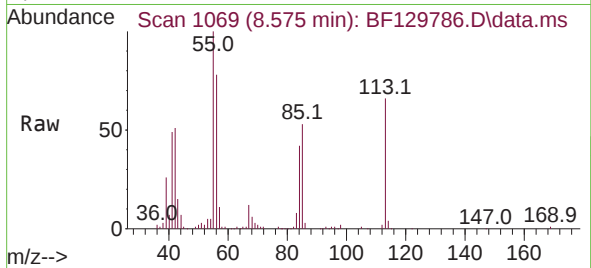
Tgt Ion:225 Resp: 259831
Ion Ratio Lower Upper
225 100
223 62.3 50.2 75.2
227 65.0 50.6 75.8





#35
Caprolactam
Concen: 41.284 ng m
RT: 8.575 min Scan# 1069
Delta R.T. 0.006 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06

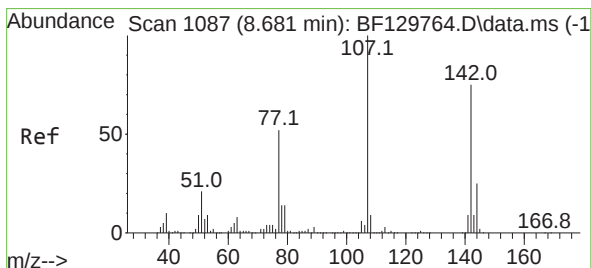
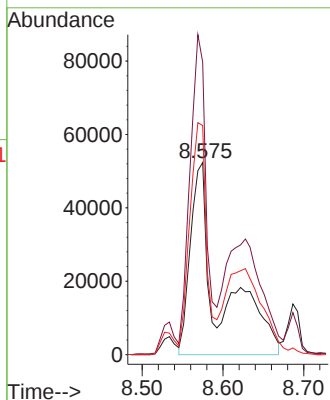
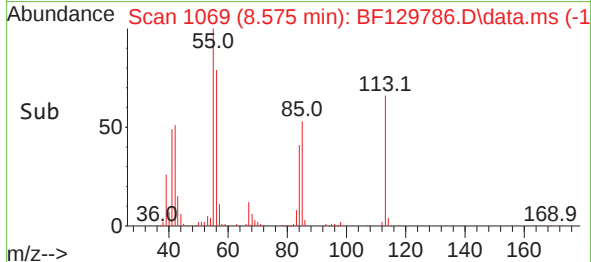
Instrument :
BNA_F
ClientSampleId :
S1MS



Tgt Ion:113 Resp: 130692
Ion Ratio Lower Upper
113 100
55 152.3 148.8 188.8
56 119.3 109.1 149.1

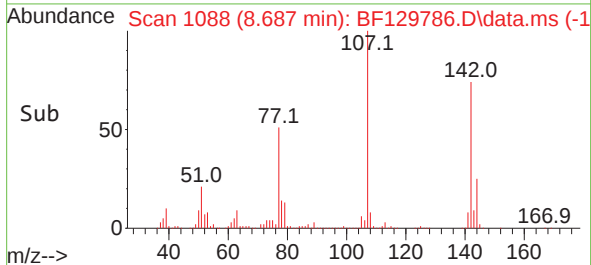
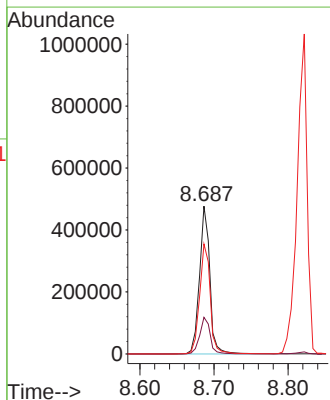
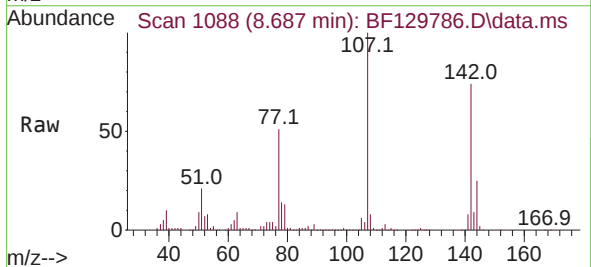
Manual Integrations
APPROVED

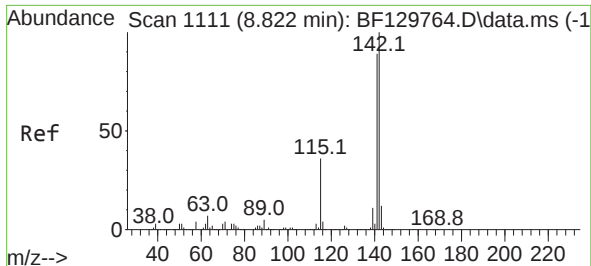
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022



#36
4-Chloro-3-methylphenol
Concen: 42.103 ng
RT: 8.687 min Scan# 1088
Delta R.T. 0.006 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06

Tgt Ion:107 Resp: 462384
Ion Ratio Lower Upper
107 100
144 24.7 19.9 29.9
142 74.4 60.2 90.4





#37

2-Methylnaphthalene

Concen: 40.192 ng

RT: 8.822 min Scan# 1111

Delta R.T. 0.000 min

Lab File: BF129786.D

Acq: 15 Aug 2022 18:06

Instrument :

BNA_F

ClientSampleId :

SIMS

Tgt Ion:142 Resp: 96635

Ion Ratio Lower Upper

142 100

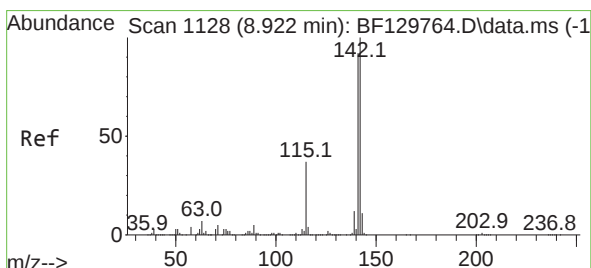
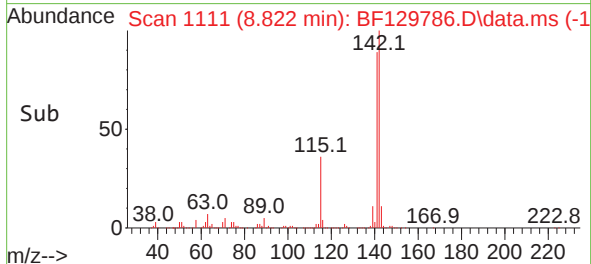
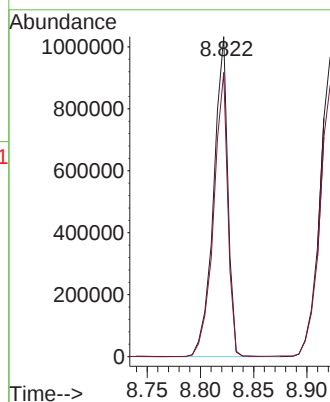
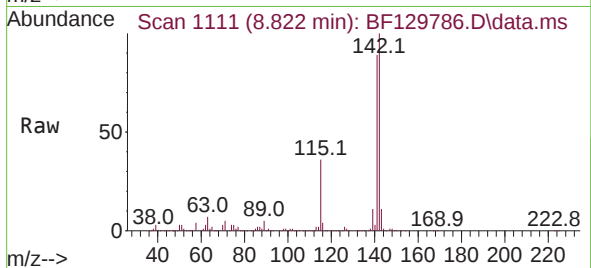
141 88.8 70.9 106.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/16/2022

Supervised By :Jagrut Upadhyay 08/16/2022



#38

1-Methylnaphthalene

Concen: 39.531 ng

RT: 8.922 min Scan# 1128

Delta R.T. 0.000 min

Lab File: BF129786.D

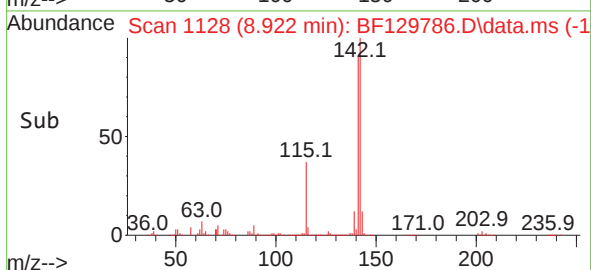
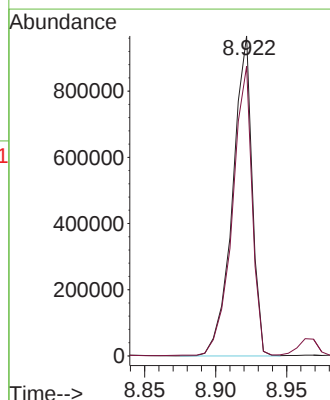
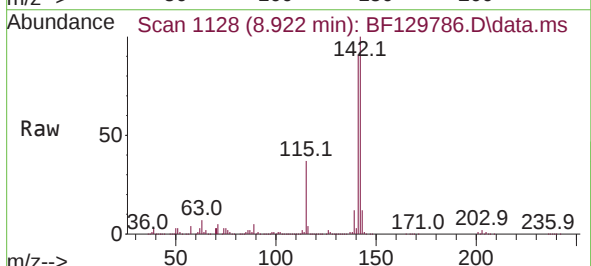
Acq: 15 Aug 2022 18:06

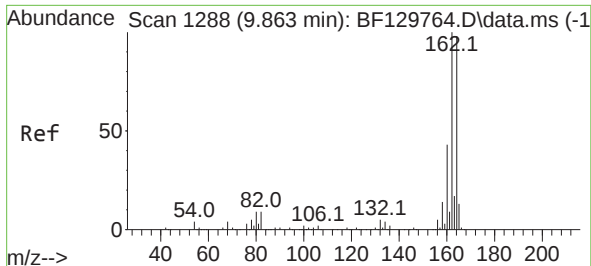
Tgt Ion:142 Resp: 923727

Ion Ratio Lower Upper

142 100

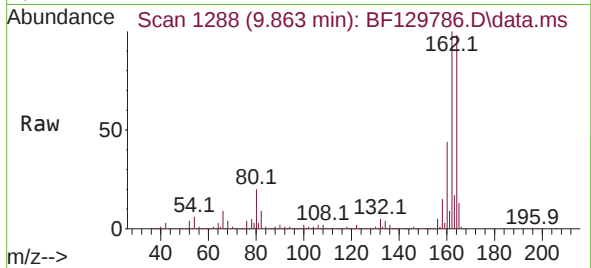
141 90.5 73.5 110.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06

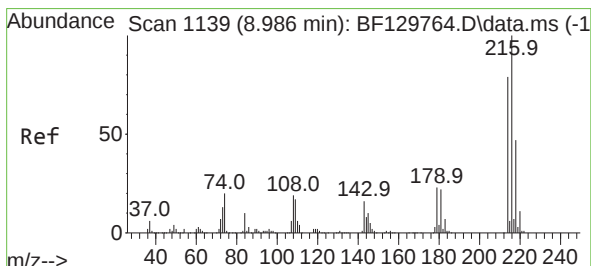
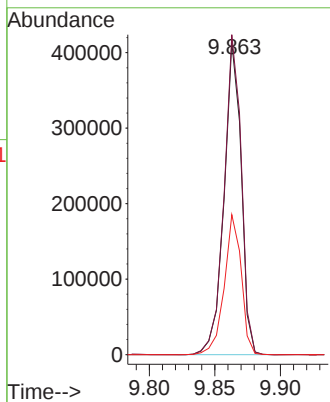
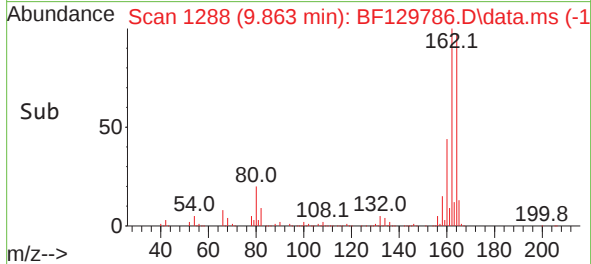
Instrument :
BNA_F
ClientSampleId :
S1MS



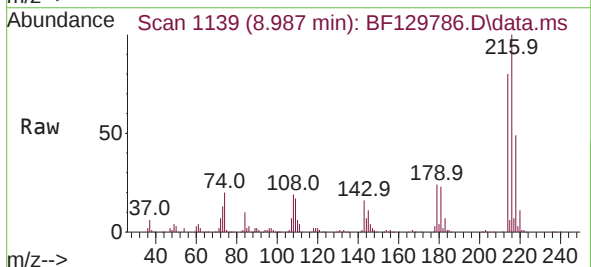
Tgt Ion:164 Resp: 376972
Ion Ratio Lower Upper
164 100
162 102.4 82.0 123.0
160 44.8 35.4 53.0

Manual Integrations
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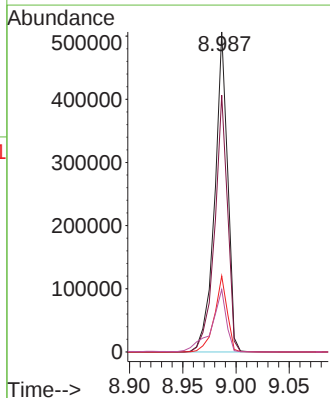
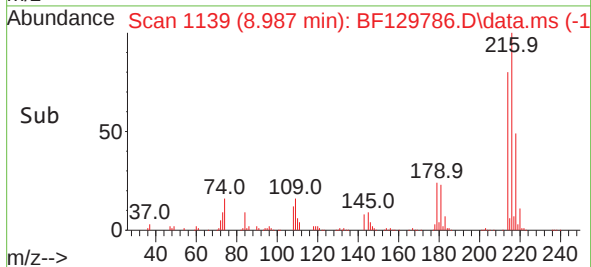
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022

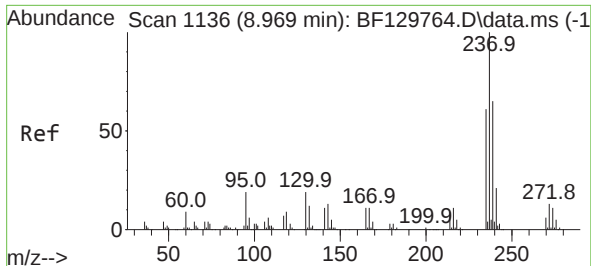


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.862 ng
RT: 8.987 min Scan# 1139
Delta R.T. 0.000 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06



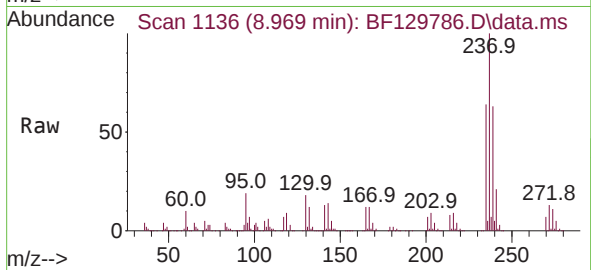
Tgt Ion:216 Resp: 428431
Ion Ratio Lower Upper
216 100
214 79.9 63.1 94.7
179 23.2 18.1 27.1
108 22.2 15.9 23.9





#41
Hexachlorocyclopentadiene
Concen: 96.371 ng
RT: 8.969 min Scan# 1136
Delta R.T. -0.000 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06

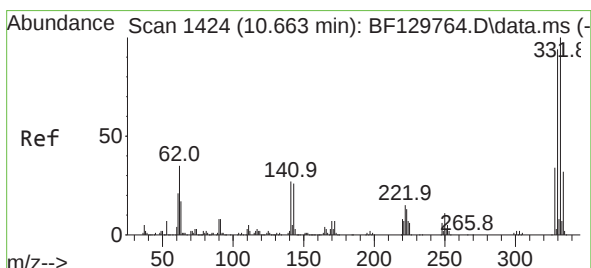
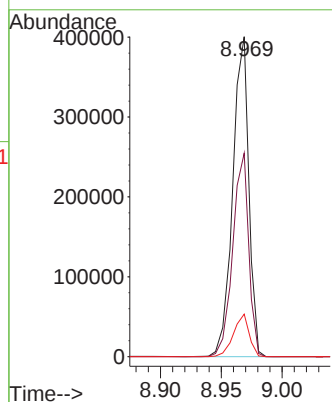
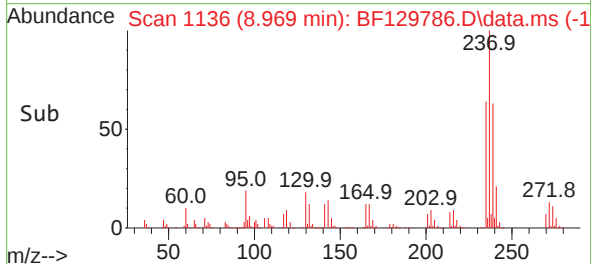
Instrument :
BNA_F
ClientSampleId :
S1MS



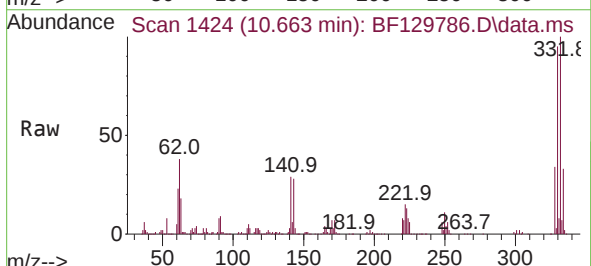
Tgt Ion:237 Resp: 368713
Ion Ratio Lower Upper
237 100
235 63.6 41.5 81.5
272 13.3 0.0 33.3

Manual Integrations
APPROVED

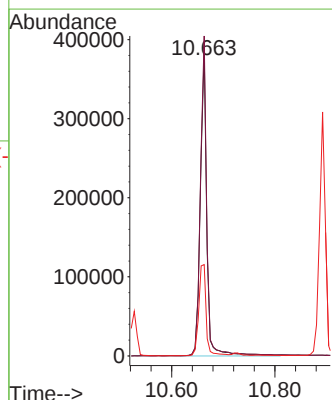
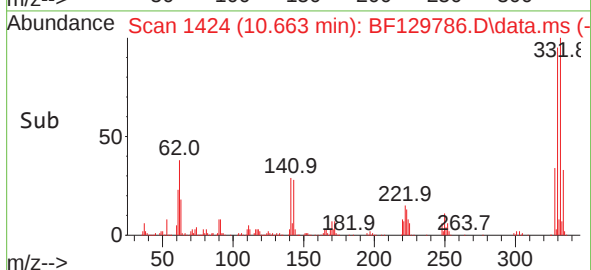
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022

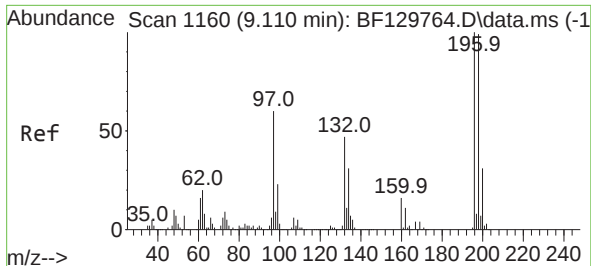


#42
2,4,6-Tribromophenol
Concen: 88.220 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06



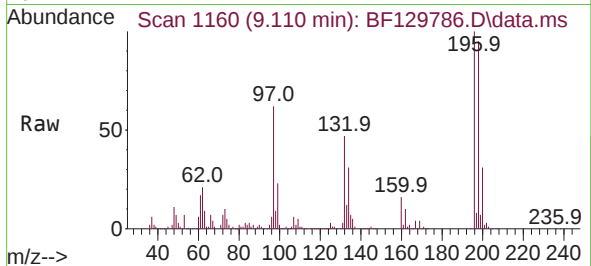
Tgt Ion:330 Resp: 333779
Ion Ratio Lower Upper
330 100
332 104.8 82.6 124.0
141 34.2 27.6 41.4





#43
2,4,6-Trichlorophenol
Concen: 39.908 ng
RT: 9.110 min Scan# 1160
Delta R.T. 0.000 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06

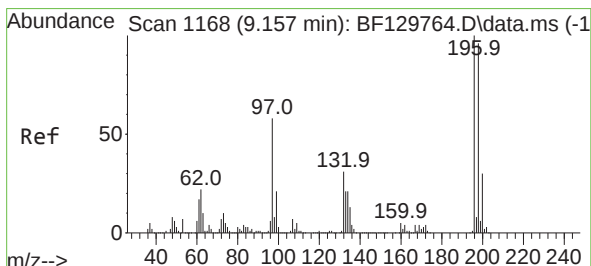
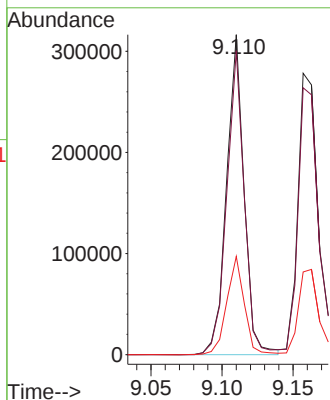
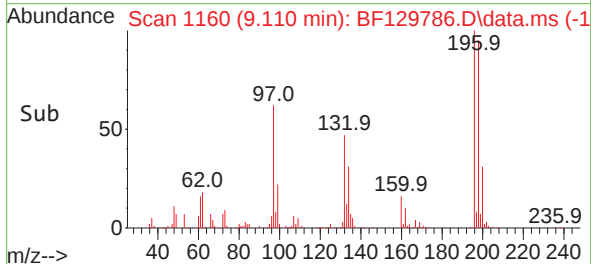
Instrument :
BNA_F
ClientSampleId :
S1MS



Tgt Ion:196 Resp: 271862
Ion Ratio Lower Upper
196 100
198 95.0 79.0 118.4
200 30.7 25.1 37.7

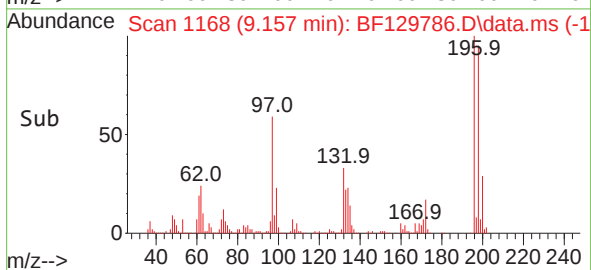
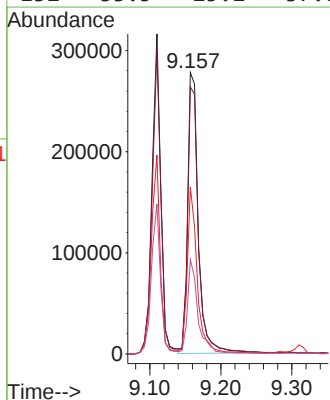
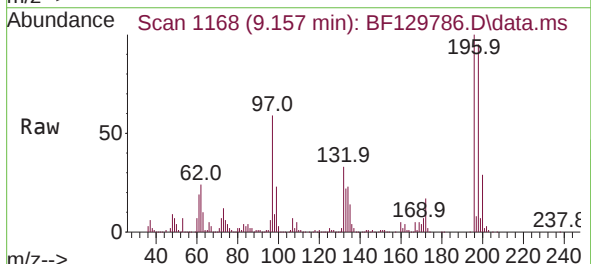
Manual Integrations
APPROVED

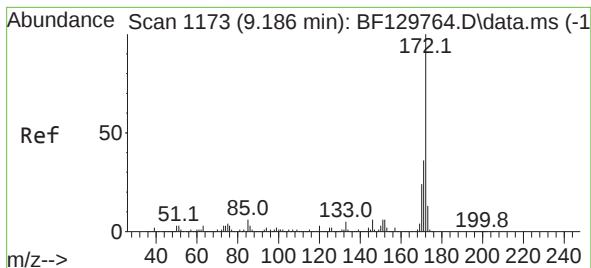
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022



#44
2,4,5-Trichlorophenol
Concen: 39.815 ng
RT: 9.157 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06

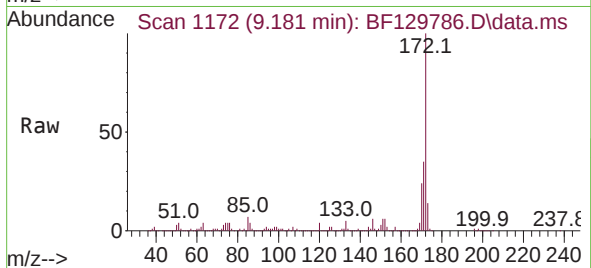
Tgt Ion:196 Resp: 291803
Ion Ratio Lower Upper
196 100
198 94.8 76.4 114.6
97 59.3 46.5 69.7
132 33.5 25.2 37.8





#45
2-Fluorobiphenyl
Concen: 56.971 ng
RT: 9.181 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06

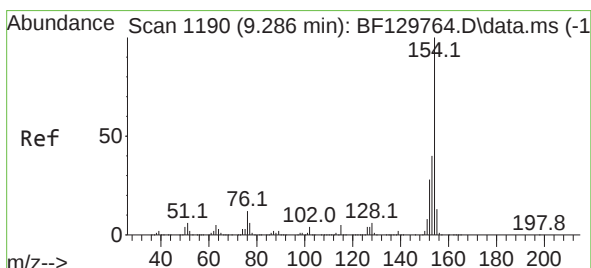
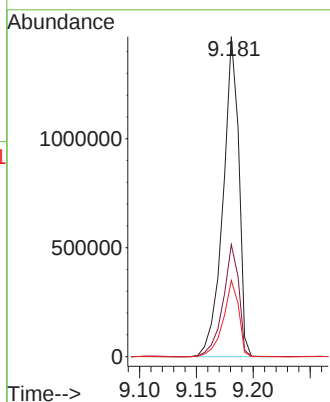
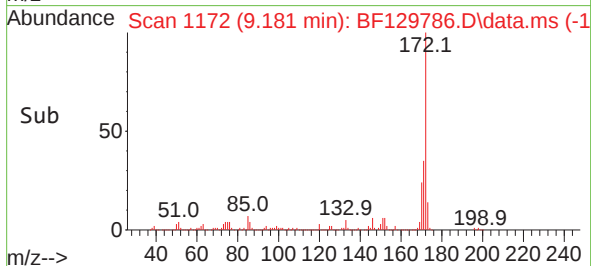
Instrument :
BNA_F
ClientSampleId :
S1MS



Tgt Ion:172 Resp: 1414035
Ion Ratio Lower Upper
172 100
171 35.0 28.4 42.6
170 23.8 19.1 28.7

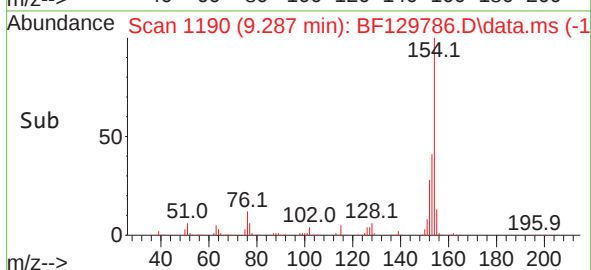
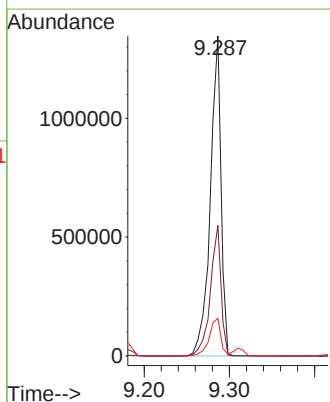
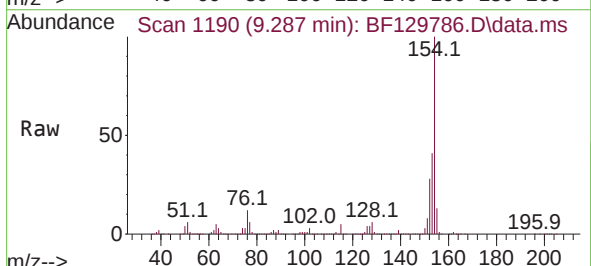
Manual Integrations
APPROVED

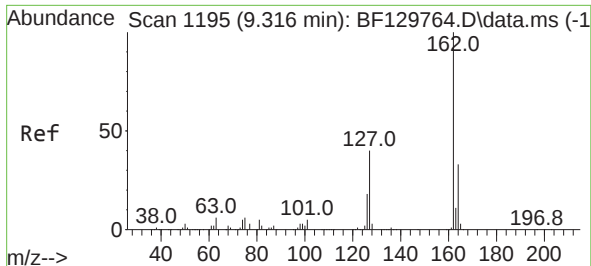
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022



#46
1,1'-Biphenyl
Concen: 41.189 ng
RT: 9.287 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06

Tgt Ion:154 Resp: 1179587
Ion Ratio Lower Upper
154 100
153 40.8 20.2 60.2
76 11.7 0.0 32.1





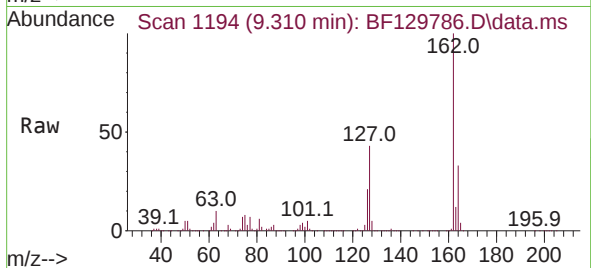
#47
2-Chloronaphthalene
Concen: 40.155 ng
RT: 9.310 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06

Instrument :

BNA_F

ClientSampleId :

SIMS

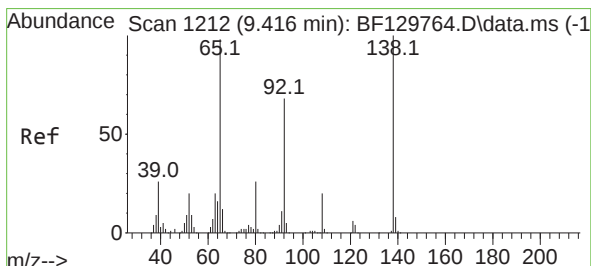
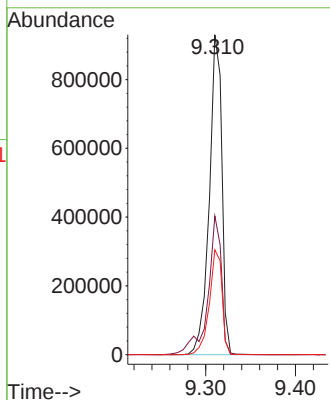
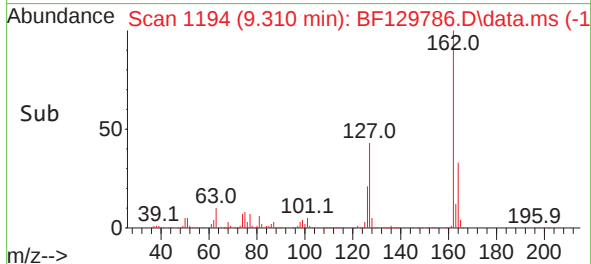


Tgt Ion:162 Resp: 909888
Ion Ratio Lower Upper
162 100
127 43.3 33.1 49.7
164 32.7 26.7 40.1

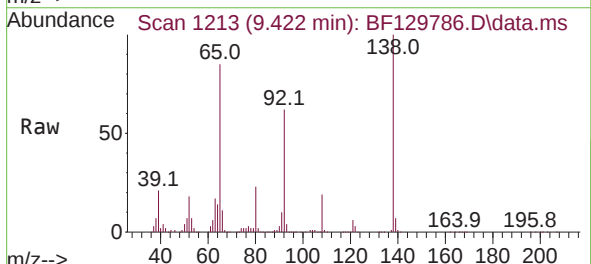
Manual Integrations

APPROVED

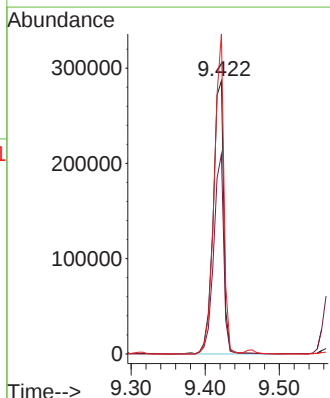
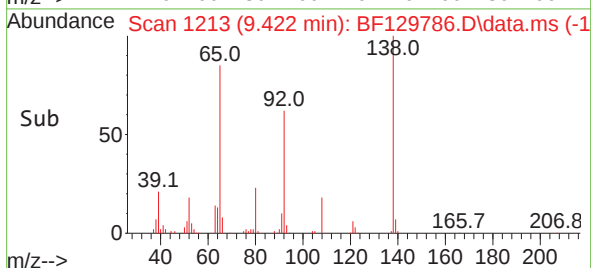
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022

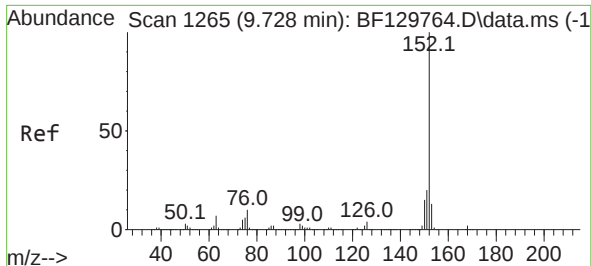


#48
2-Nitroaniline
Concen: 39.618 ng
RT: 9.422 min Scan# 1213
Delta R.T. 0.006 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06



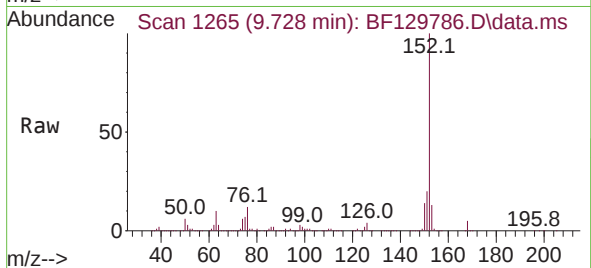
Tgt Ion: 65 Resp: 283698
Ion Ratio Lower Upper
65 100
92 73.1 55.0 82.4
138 117.3 81.3 121.9





#49
Acenaphthylene
Concen: 39.396 ng
RT: 9.728 min Scan# 1265
Delta R.T. 0.000 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06

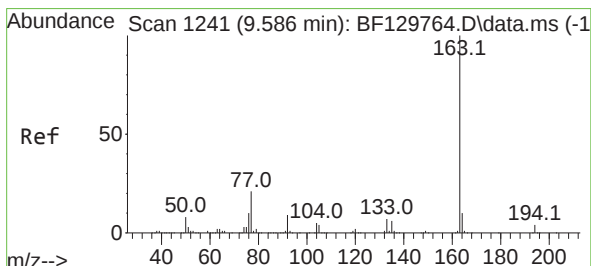
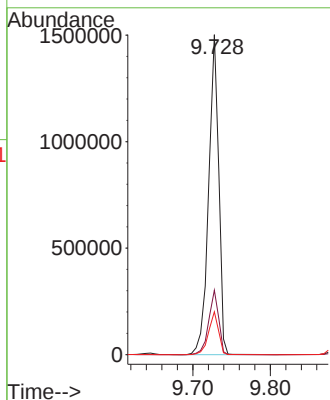
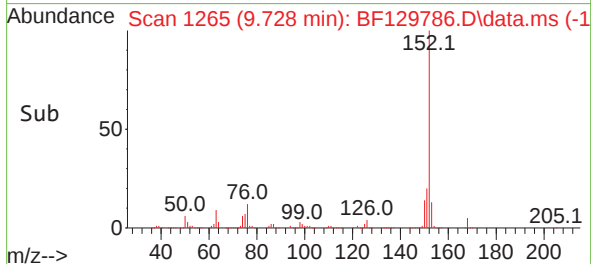
Instrument :
BNA_F
ClientSampleId :
S1MS



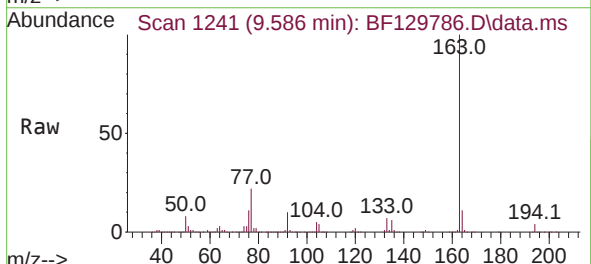
Tgt Ion:152 Resp: 1353689
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 13.4 10.6 16.0

Manual Integrations
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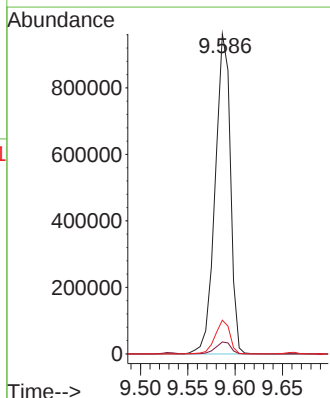
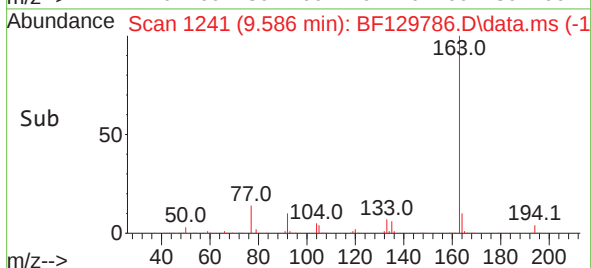
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022

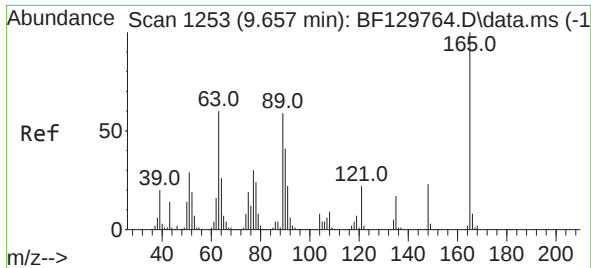


#50
Dimethylphthalate
Concen: 39.735 ng
RT: 9.586 min Scan# 1241
Delta R.T. 0.000 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06



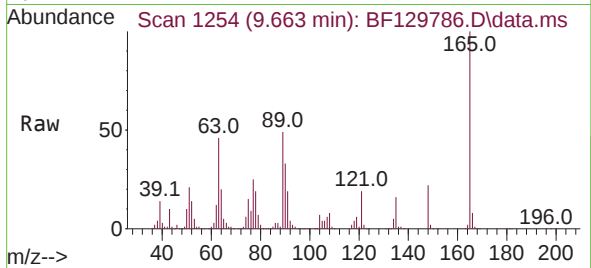
Tgt Ion:163 Resp: 1073795
Ion Ratio Lower Upper
163 100
194 3.7 3.3 4.9
164 10.6 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 40.992 ng
RT: 9.663 min Scan# 1253
Delta R.T. 0.006 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06

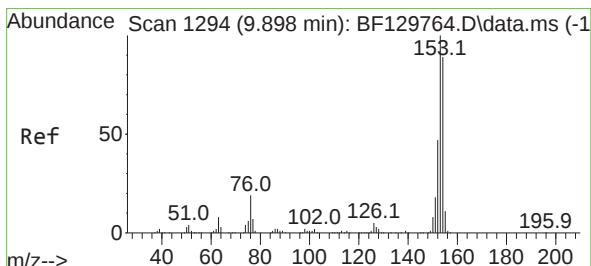
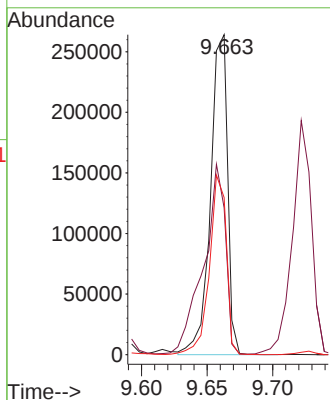
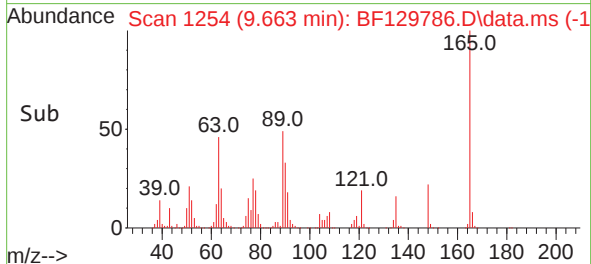
Instrument :
BNA_F
ClientSampleId :
S1MS



Tgt Ion:165 Resp: 240298
Ion Ratio Lower Upper
165 100
63 45.9 47.8 71.8
89 49.1 47.2 70.8

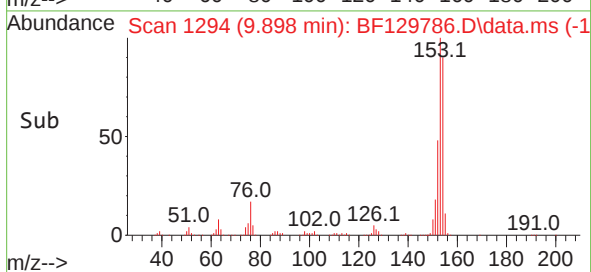
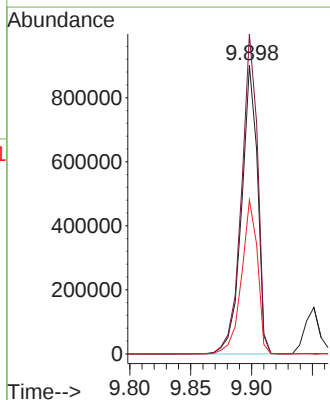
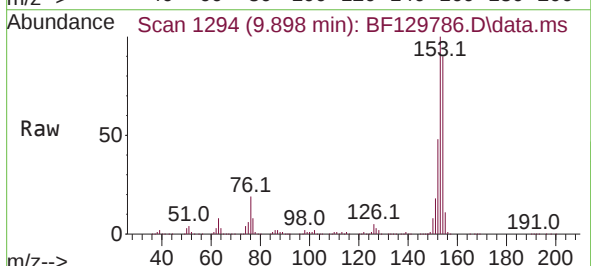
Manual Integrations
APPROVED

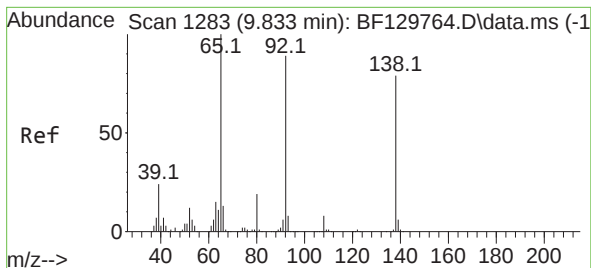
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022



#52
Acenaphthene
Concen: 39.307 ng
RT: 9.898 min Scan# 1294
Delta R.T. 0.000 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06

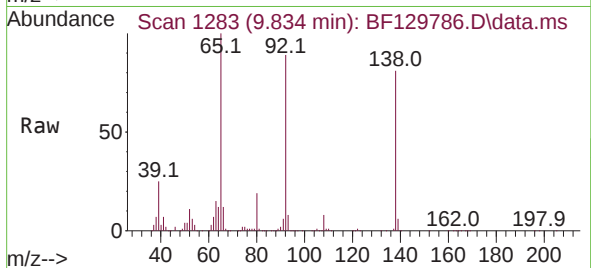
Tgt Ion:154 Resp: 819442
Ion Ratio Lower Upper
154 100
153 110.8 89.8 134.6
152 53.3 42.1 63.1





#53
3-Nitroaniline
Concen: 24.596 ng
RT: 9.834 min Scan# 1283
Delta R.T. 0.001 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06

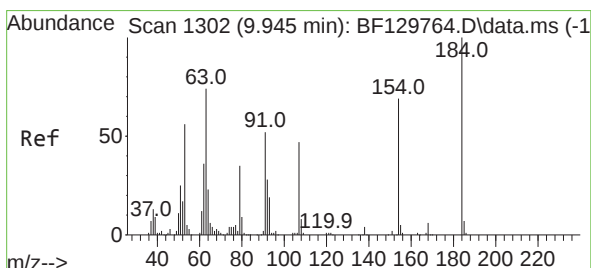
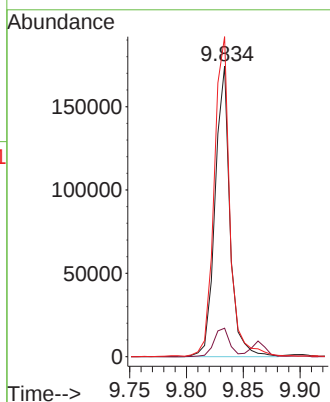
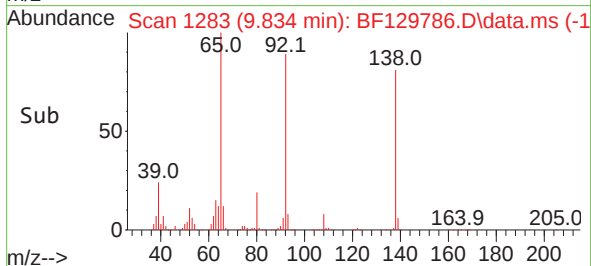
Instrument :
BNA_F
ClientSampleId :
S1MS



Tgt Ion:138 Resp: 159453
Ion Ratio Lower Upper
138 100
108 9.8 8.4 12.6
92 110.2 89.8 134.8

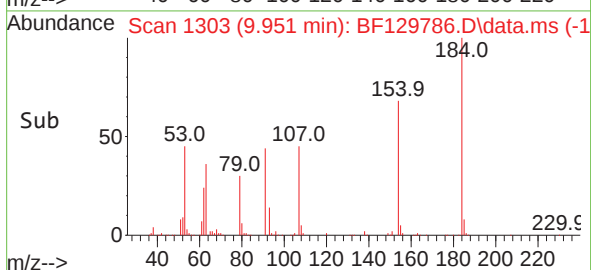
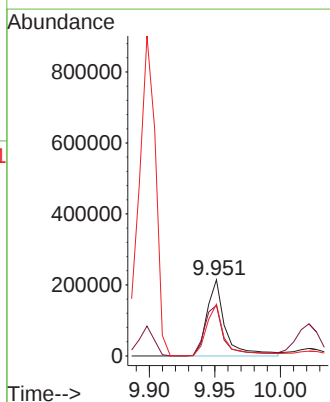
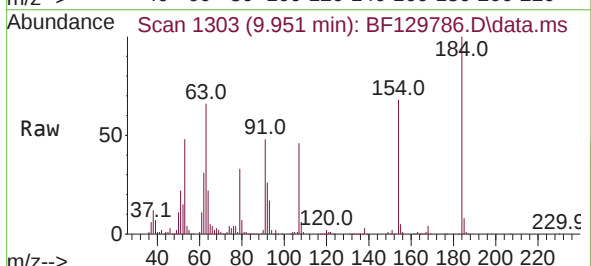
Manual Integrations
APPROVED

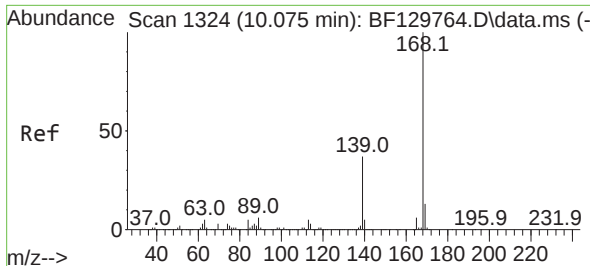
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022



#54
2,4-Dinitrophenol
Concen: 79.140 ng
RT: 9.951 min Scan# 1303
Delta R.T. 0.006 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06

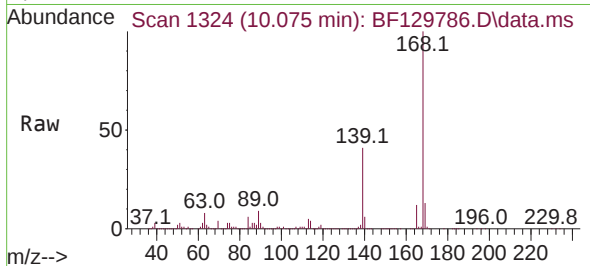
Tgt Ion:184 Resp: 209585
Ion Ratio Lower Upper
184 100
63 66.3 59.6 89.4
154 67.7 55.3 82.9





#55
Dibenzofuran
Concen: 39.094 ng
RT: 10.075 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06

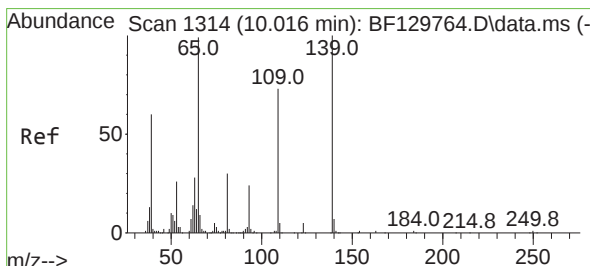
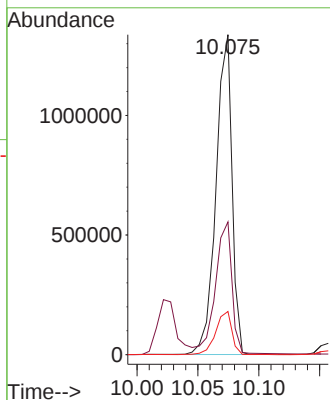
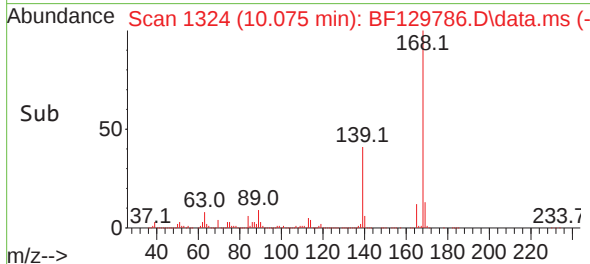
Instrument :
BNA_F
ClientSampleId :
S1MS



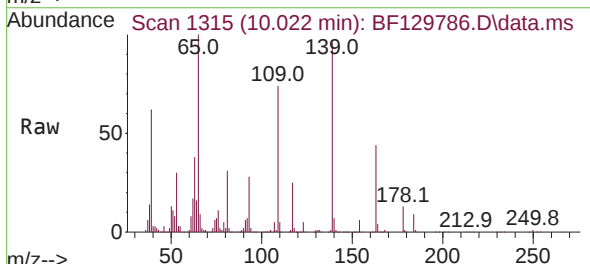
Tgt Ion:168 Resp: 1224386
Ion Ratio Lower Upper
168 100
139 41.5 31.3 46.9
169 13.5 10.7 16.1

Manual Integrations
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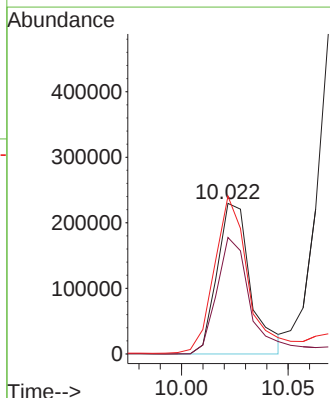
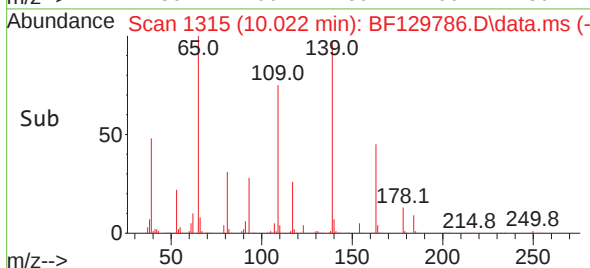
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022

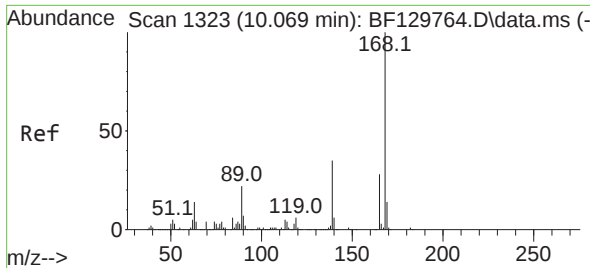


#56
4-Nitrophenol
Concen: 87.392 ng
RT: 10.022 min Scan# 1315
Delta R.T. 0.006 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06



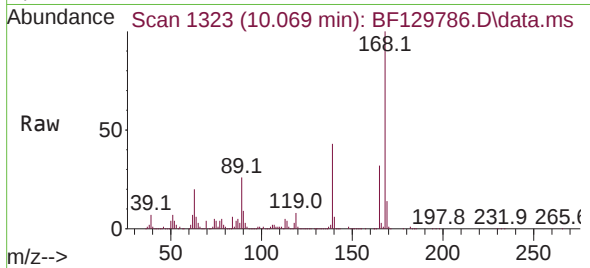
Tgt Ion:139 Resp: 252045
Ion Ratio Lower Upper
139 100
109 77.3 52.9 92.9
65 104.7 79.5 119.5





#57
2,4-Dinitrotoluene
Concen: 39.876 ng
RT: 10.069 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06

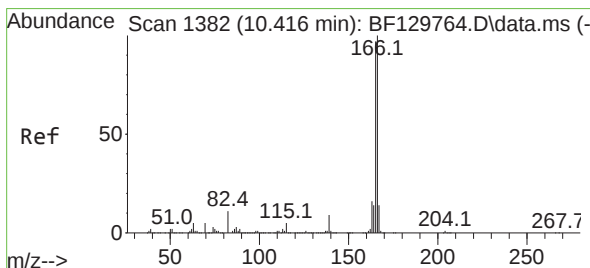
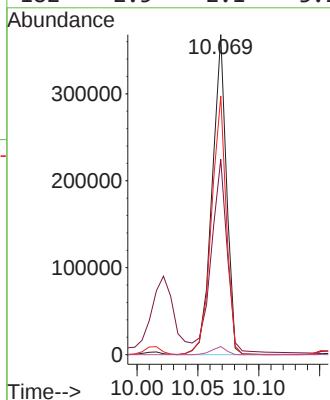
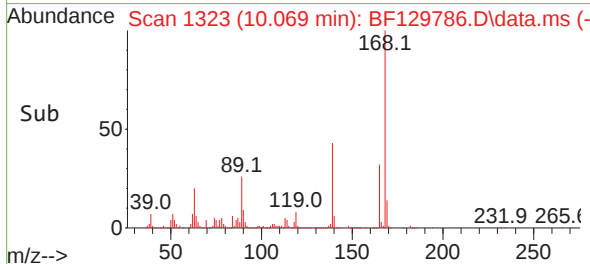
Instrument :
BNA_F
ClientSampleId :
S1MS



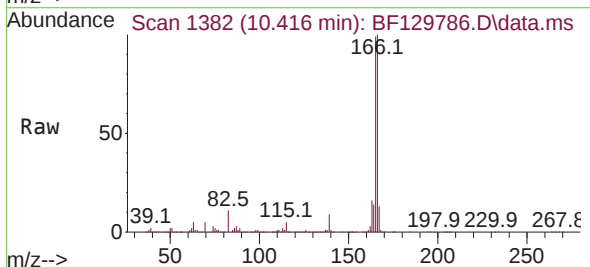
Tgt Ion:165 Resp: 303446
Ion Ratio Lower Upper
165 100
63 61.0 48.4 72.6
89 80.8 62.3 93.5
182 2.5 2.1 3.1

Manual Integrations
APPROVED

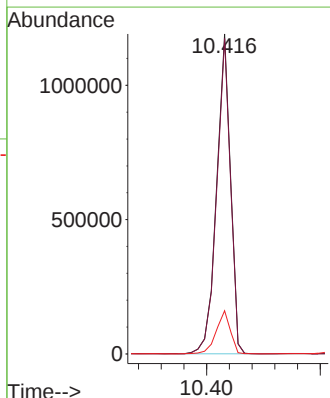
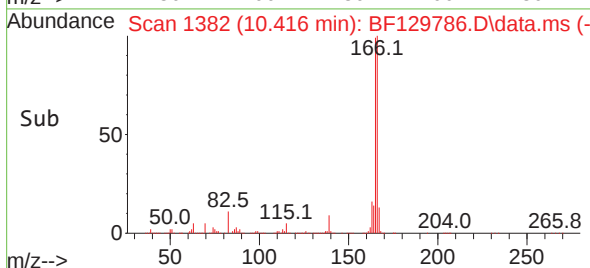
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022

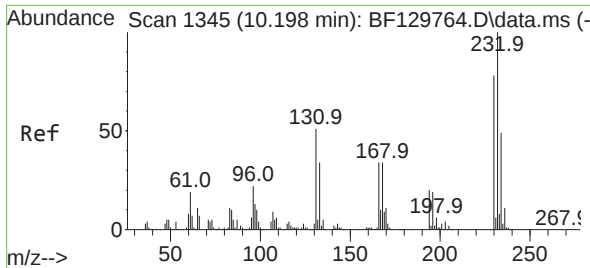


#58
Fluorene
Concen: 38.503 ng
RT: 10.416 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06



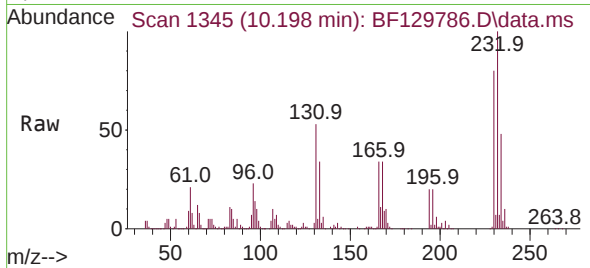
Tgt Ion:166 Resp: 1006884
Ion Ratio Lower Upper
166 100
165 98.5 77.9 116.9
167 13.5 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 39.630 ng
RT: 10.198 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06

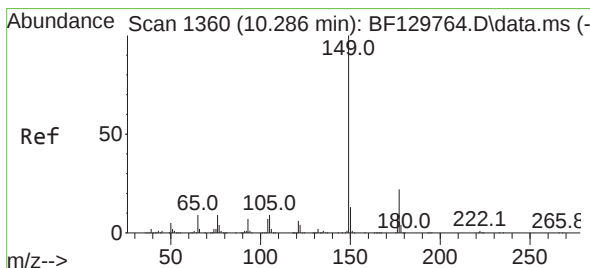
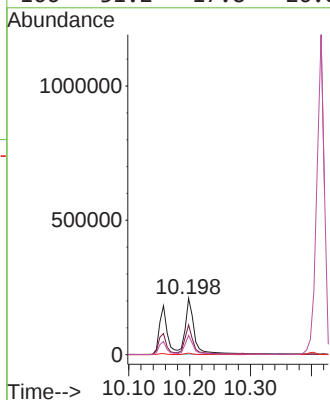
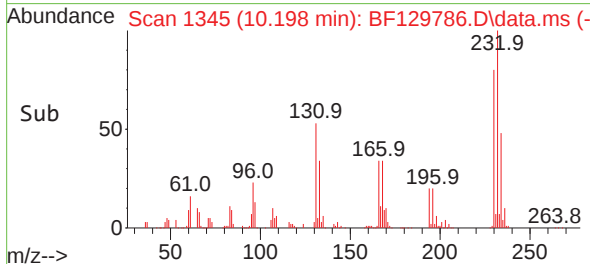
Instrument :
BNA_F
ClientSampleId :
S1MS



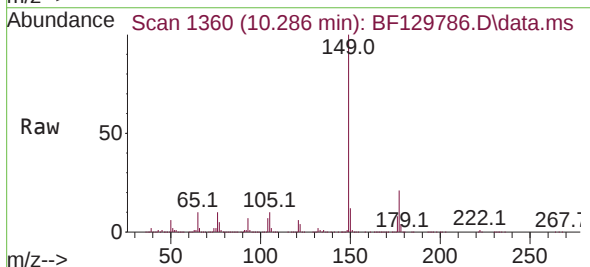
Tgt Ion:232 Resp: 213153
Ion Ratio Lower Upper
232 100
131 46.1 29.9 44.9
130 2.4 1.5 2.3
166 31.2 17.8 26.8

Manual Integrations
APPROVED

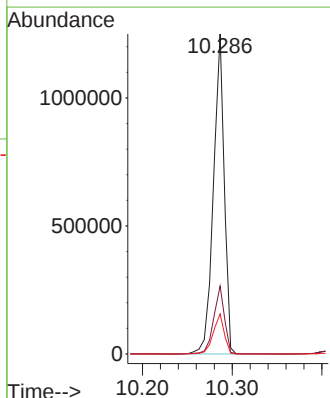
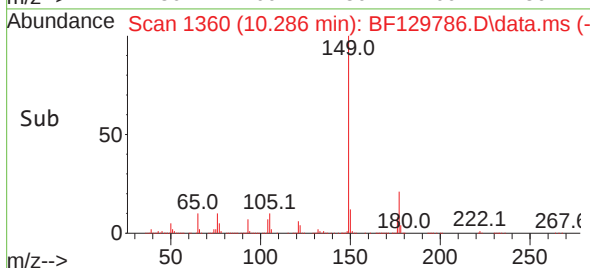
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022

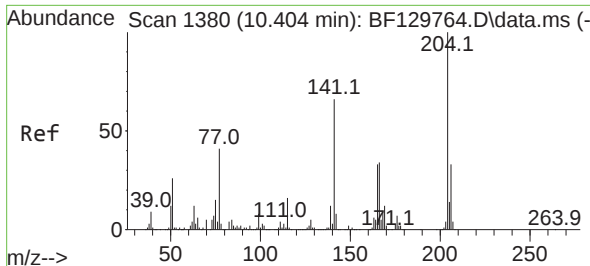


#60
Diethylphthalate
Concen: 38.793 ng
RT: 10.286 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06



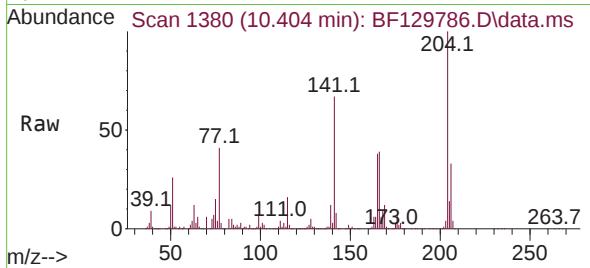
Tgt Ion:149 Resp: 1045292
Ion Ratio Lower Upper
149 100
177 21.2 17.7 26.5
150 12.5 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 40.010 ng
RT: 10.404 min Scan# 1380
Delta R.T. 0.000 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06

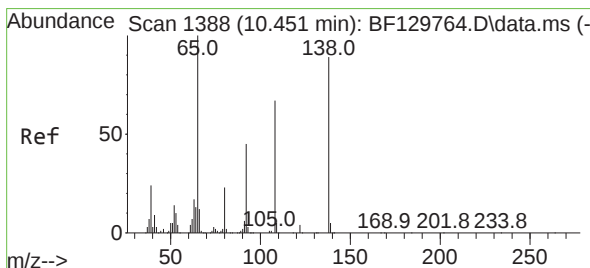
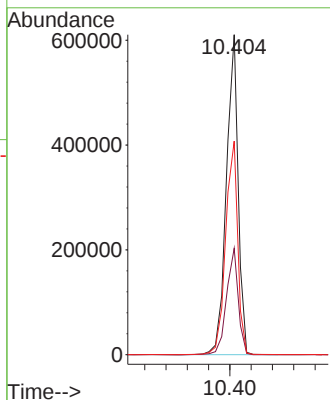
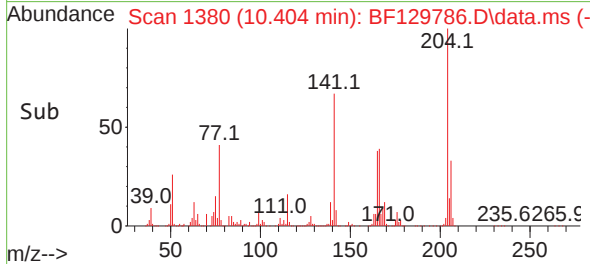
Instrument :
BNA_F
ClientSampleId :
S1MS



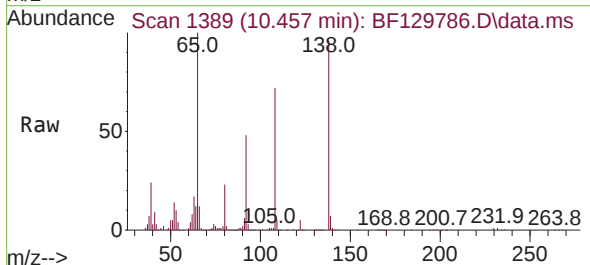
Tgt Ion:204 Resp: 469533
Ion Ratio Lower Upper
204 100
206 33.2 26.5 39.7
141 66.7 52.6 79.0

Manual Integrations
APPROVED

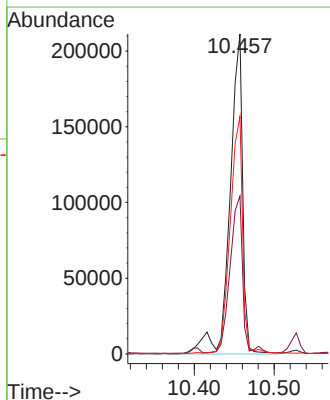
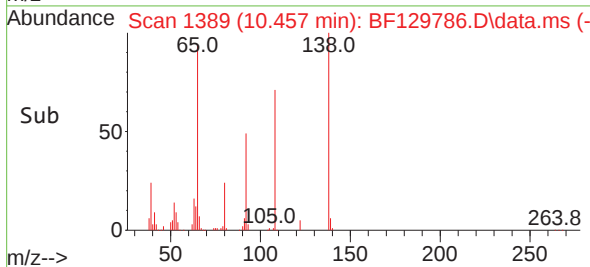
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022

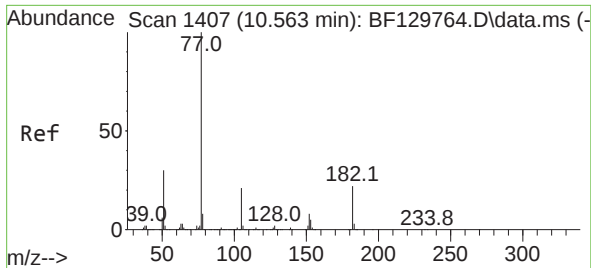


#62
4-Nitroaniline
Concen: 35.668 ng m
RT: 10.457 min Scan# 1389
Delta R.T. 0.006 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06



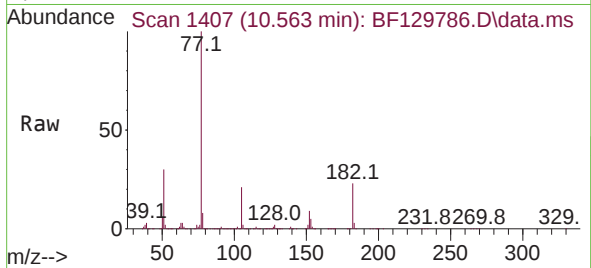
Tgt Ion:138 Resp: 233270
Ion Ratio Lower Upper
138 100
92 49.3 30.3 70.3
108 74.2 55.7 95.7





#63
Azobenzene
Concen: 39.711 ng
RT: 10.563 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06

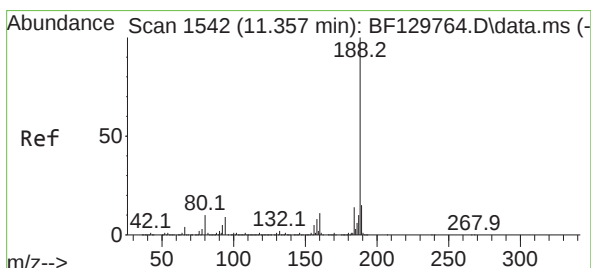
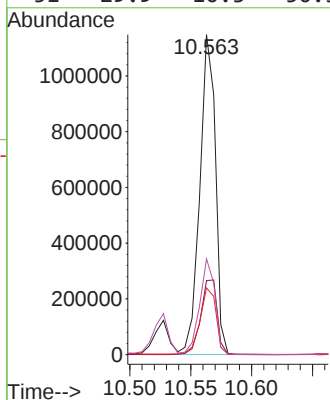
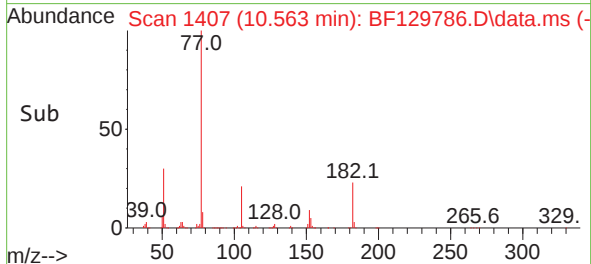
Instrument :
BNA_F
ClientSampleId :
S1MS



Tgt Ion: 77 Resp: 1022797
Ion Ratio Lower Upper
77 100
182 23.1 2.2 42.2
105 20.8 0.8 40.8
51 29.9 10.3 50.3

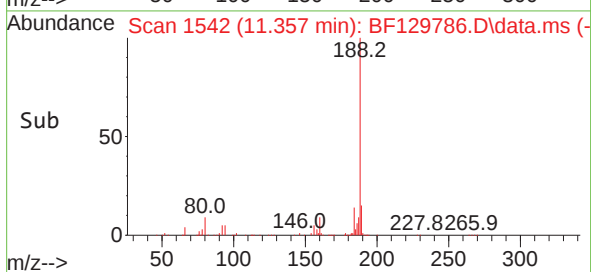
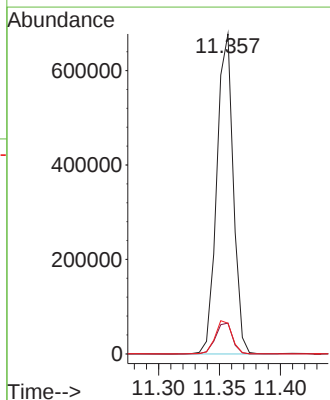
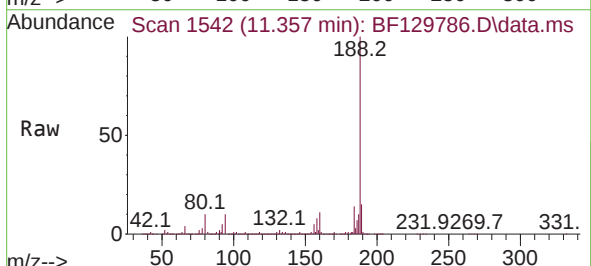
Manual Integrations
APPROVED

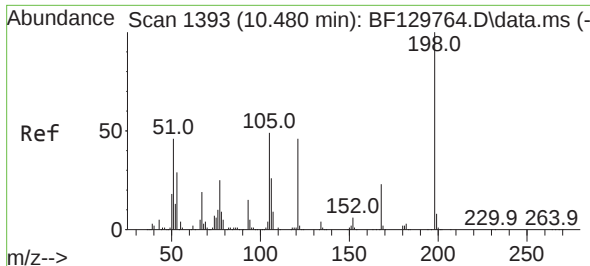
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1542
Delta R.T. -0.000 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06

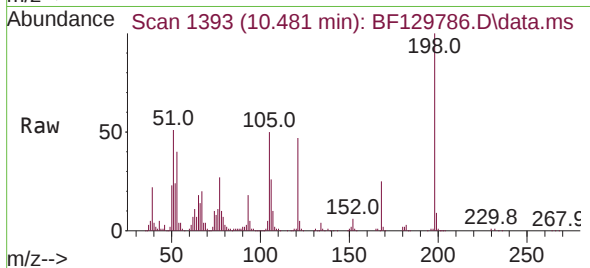
Tgt Ion:188 Resp: 637879
Ion Ratio Lower Upper
188 100
94 9.6 7.4 11.2
80 9.6 7.9 11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 40.788 ng
RT: 10.481 min Scan# 1393
Delta R.T. 0.000 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06

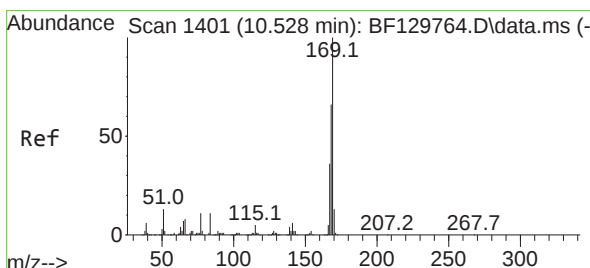
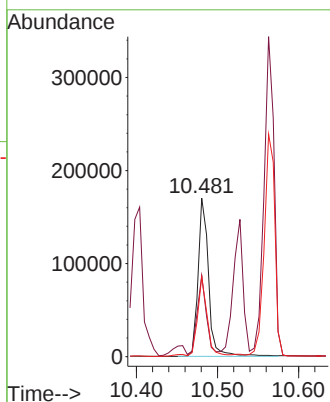
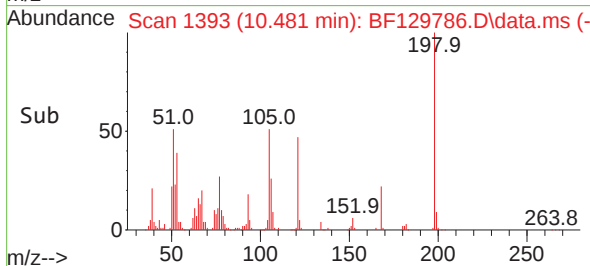
Instrument :
BNA_F
ClientSampleId :
S1MS



Tgt Ion:198 Resp: 152740
Ion Ratio Lower Upper
198 100
51 51.2 29.4 69.4
105 50.3 29.2 69.2

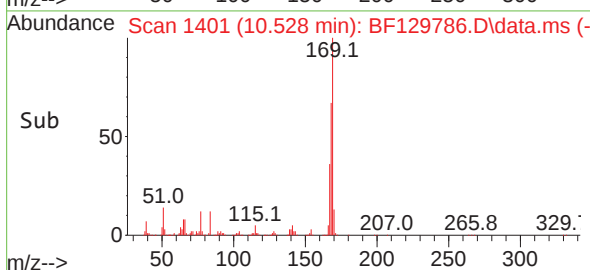
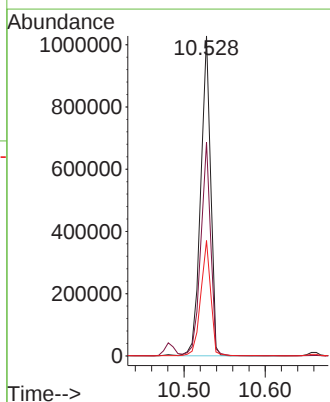
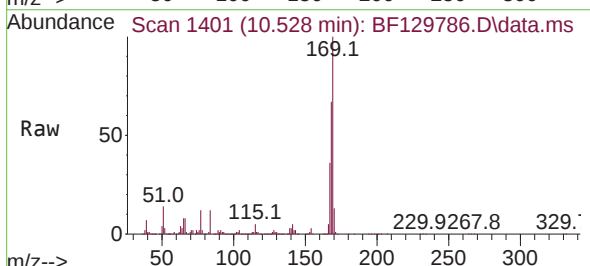
Manual Integrations
APPROVED

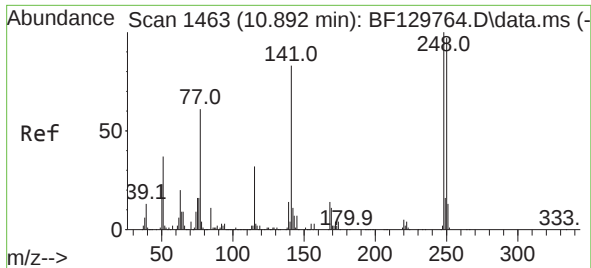
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022



#66
n-Nitrosodiphenylamine
Concen: 40.387 ng
RT: 10.528 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06

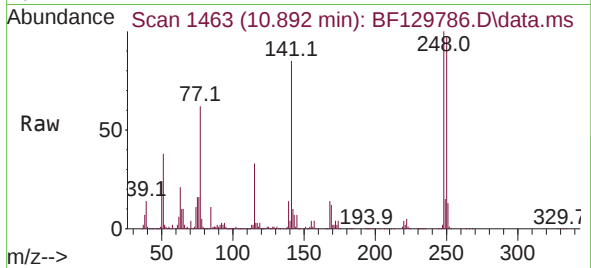
Tgt Ion:169 Resp: 869517
Ion Ratio Lower Upper
169 100
168 66.9 53.4 80.2
167 36.0 29.1 43.7





#67
4-Bromophenyl-phenylether
Concen: 40.494 ng
RT: 10.892 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06

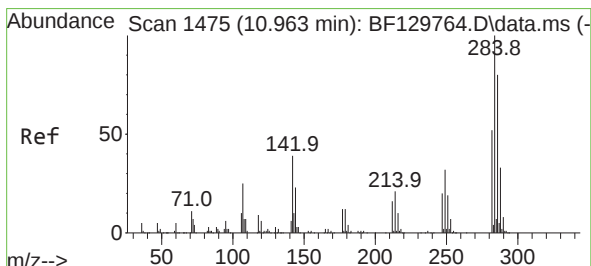
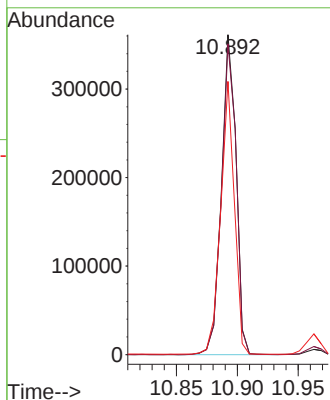
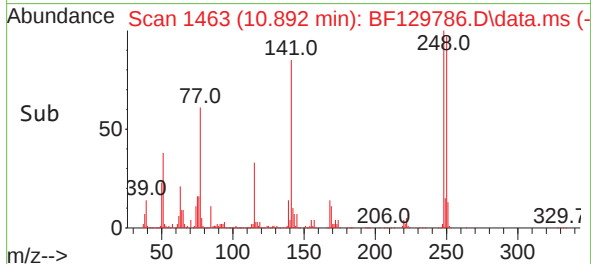
Instrument :
BNA_F
ClientSampleId :
S1MS



Tgt Ion:248 Resp: 302539
Ion Ratio Lower Upper
248 100
250 97.1 77.8 116.6
141 85.4 66.2 99.2

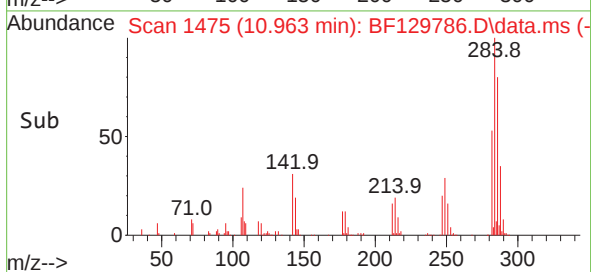
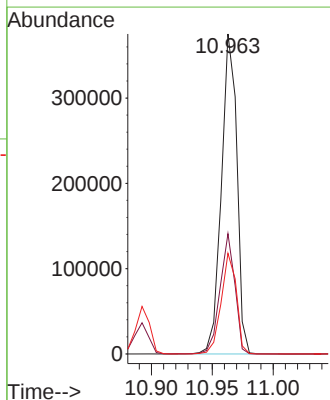
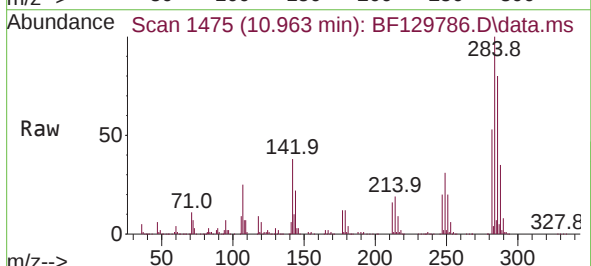
Manual Integrations
APPROVED

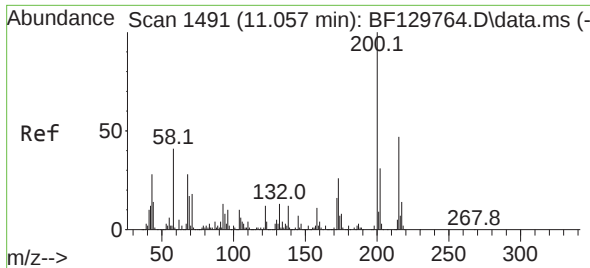
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022



#68
Hexachlorobenzene
Concen: 41.015 ng
RT: 10.963 min Scan# 1475
Delta R.T. 0.000 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06

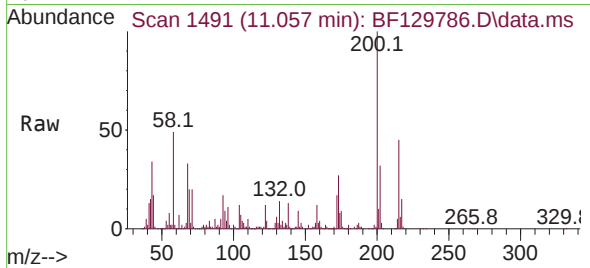
Tgt Ion:284 Resp: 331940
Ion Ratio Lower Upper
284 100
142 37.6 31.4 47.0
249 31.4 25.7 38.5





#69
 Atrazine
 Concen: 43.423 ng
 RT: 11.057 min Scan# 1491
 Delta R.T. 0.000 min
 Lab File: BF129786.D
 Acq: 15 Aug 2022 18:06

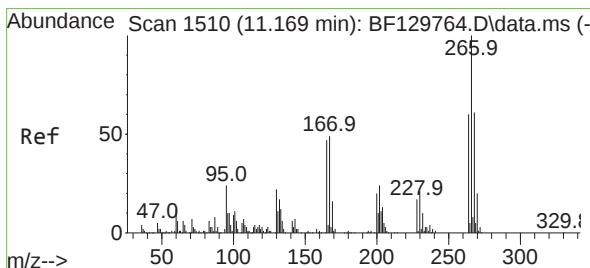
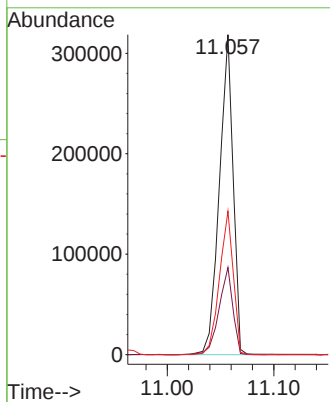
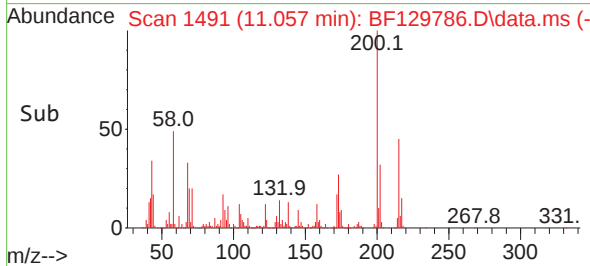
Instrument :
 BNA_F
 ClientSampleId :
 S1MS



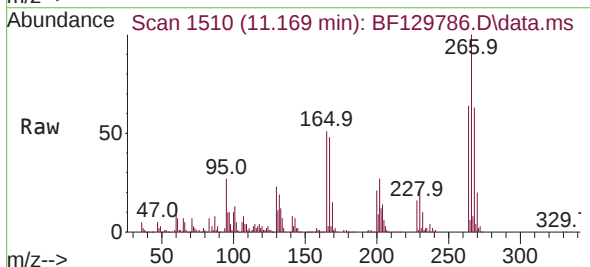
Tgt Ion:200 Resp: 286937
 Ion Ratio Lower Upper
 200 100
 173 27.2 6.4 46.4
 215 44.8 27.1 67.1

Manual Integrations
 APPROVED

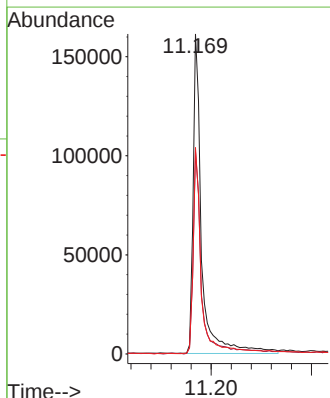
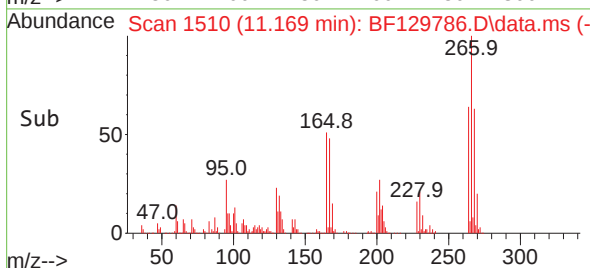
Reviewed By :Christian Giraldo 08/16/2022
 Supervised By :Jagrut Upadhyay 08/16/2022

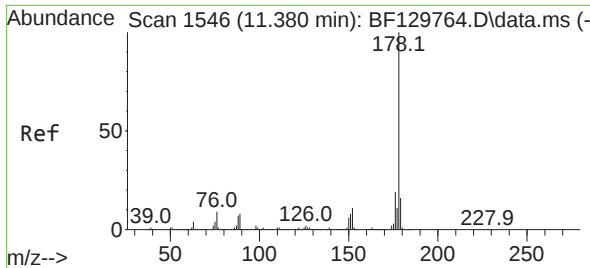


#70
 Pentachlorophenol
 Concen: 78.317 ng
 RT: 11.169 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: BF129786.D
 Acq: 15 Aug 2022 18:06



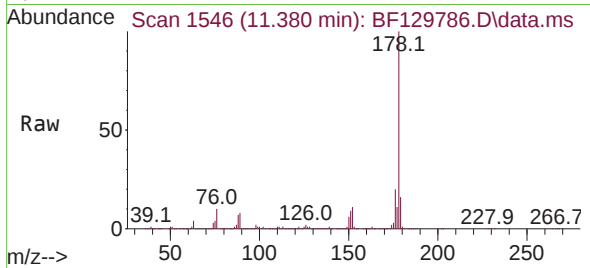
Tgt Ion:266 Resp: 189707
 Ion Ratio Lower Upper
 266 100
 268 63.3 49.0 73.4
 264 64.5 47.9 71.9





#71
Phenanthrene
Concen: 39.541 ng
RT: 11.380 min Scan# 1546
Delta R.T. 0.000 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06

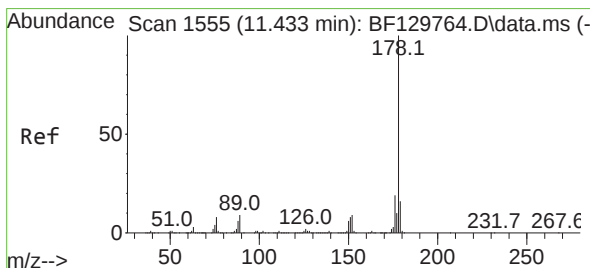
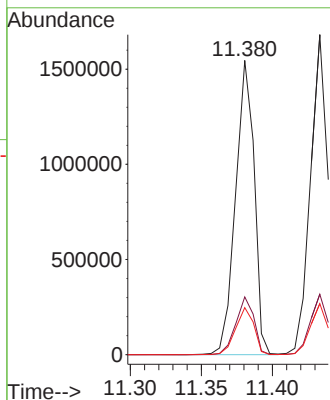
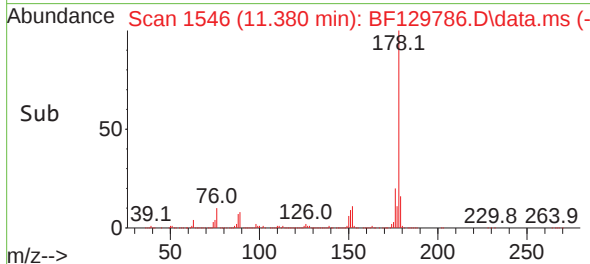
Instrument :
BNA_F
ClientSampleId :
S1MS



Tgt Ion:178 Resp: 1408679
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 16.0 12.5 18.7

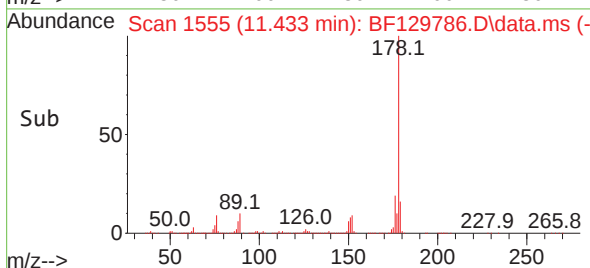
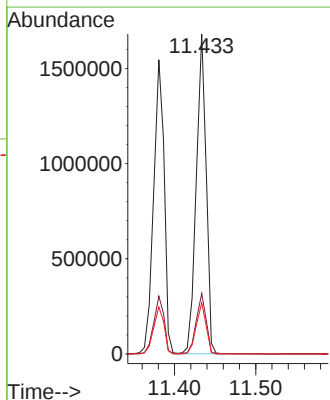
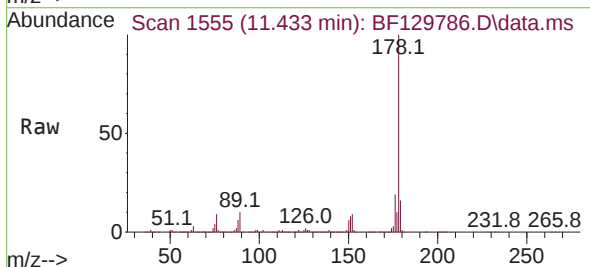
Manual Integrations
APPROVED

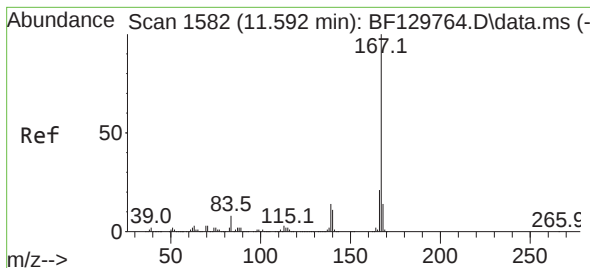
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022



#72
Anthracene
Concen: 40.057 ng
RT: 11.433 min Scan# 1555
Delta R.T. 0.000 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06

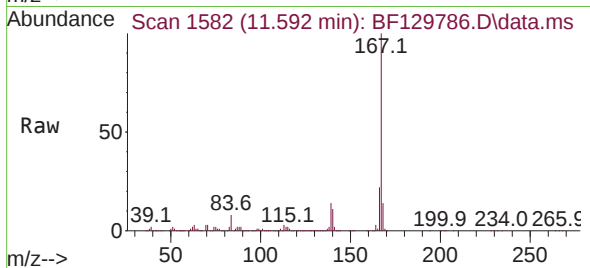
Tgt Ion:178 Resp: 1419132
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 15.9 12.6 18.8





#73
 Carbazole
 Concen: 40.270 ng
 RT: 11.592 min Scan# 1582
 Delta R.T. 0.000 min
 Lab File: BF129786.D
 Acq: 15 Aug 2022 18:06

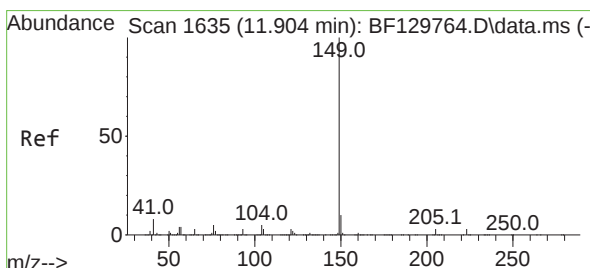
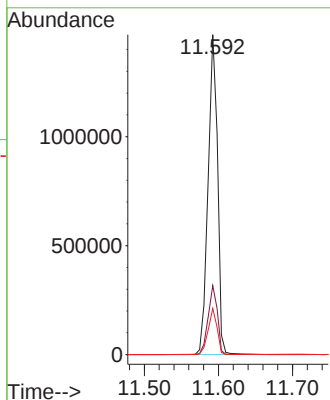
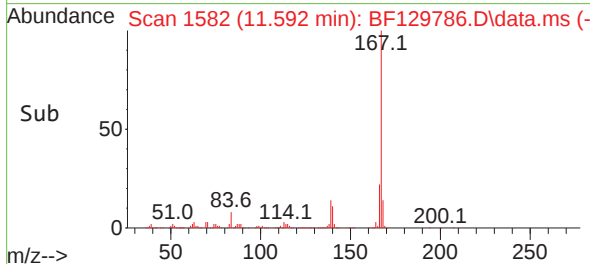
Instrument :
 BNA_F
 ClientSampleId :
 S1MS



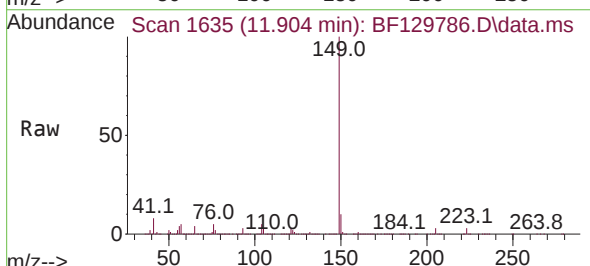
Tgt Ion:167 Resp: 1295090
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.1 25.7
 139 14.4 11.0 16.6

Manual Integrations
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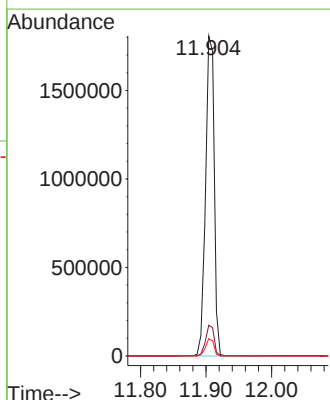
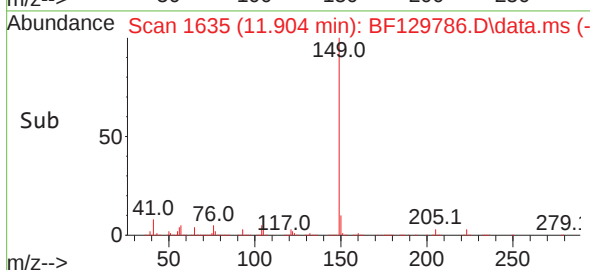
Reviewed By :Christian Giraldo 08/16/2022
 Supervised By :Jagrut Upadhyay 08/16/2022

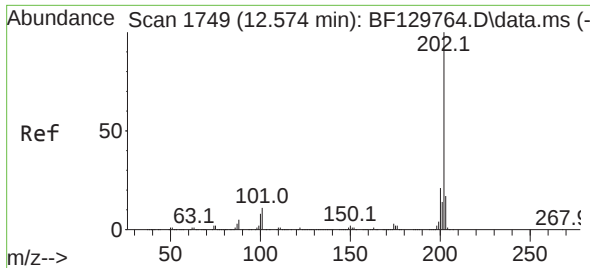


#74
 Di-n-butylphthalate
 Concen: 39.726 ng
 RT: 11.904 min Scan# 1635
 Delta R.T. 0.000 min
 Lab File: BF129786.D
 Acq: 15 Aug 2022 18:06



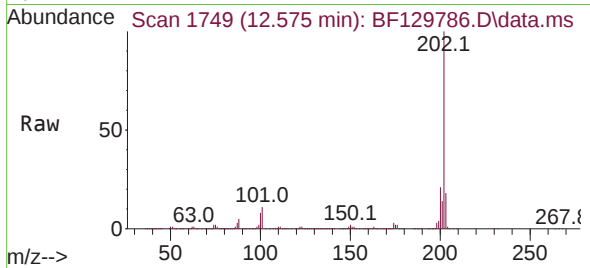
Tgt Ion:149 Resp: 1644244
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.8 11.6
 104 5.4 4.2 6.4





#75
Fluoranthene
Concen: 38.943 ng
RT: 12.575 min Scan# 1749
Delta R.T. 0.000 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06

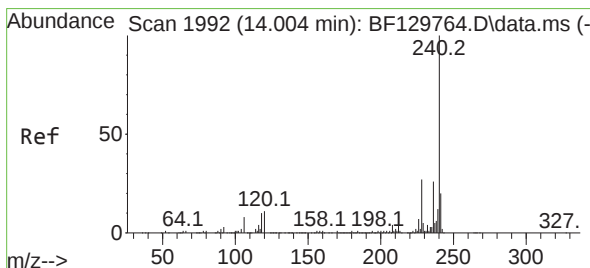
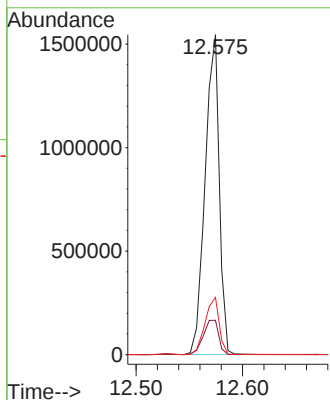
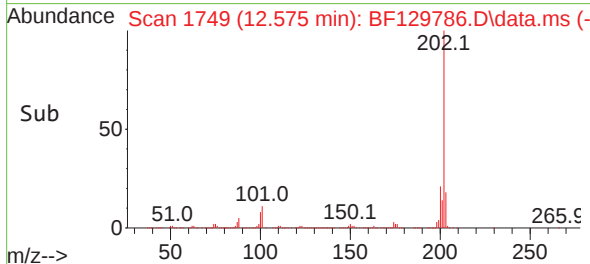
Instrument :
BNA_F
ClientSampleId :
S1MS



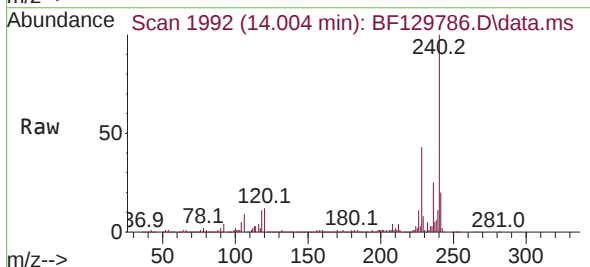
Tgt Ion:202 Resp: 1419655
Ion Ratio Lower Upper
202 100
101 10.7 0.0 30.7
203 17.9 0.0 37.5

Manual Integrations
APPROVED

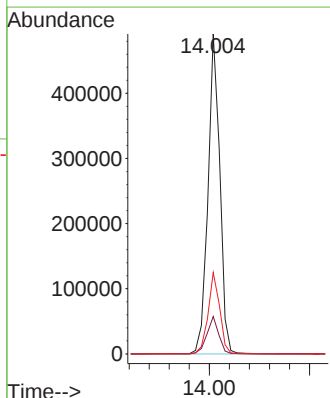
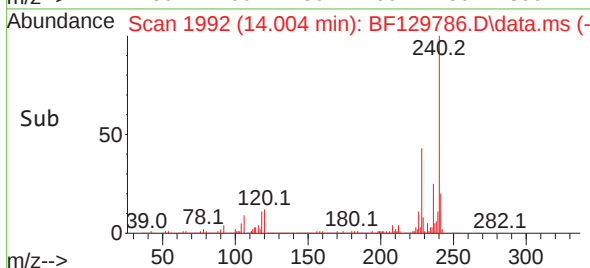
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022

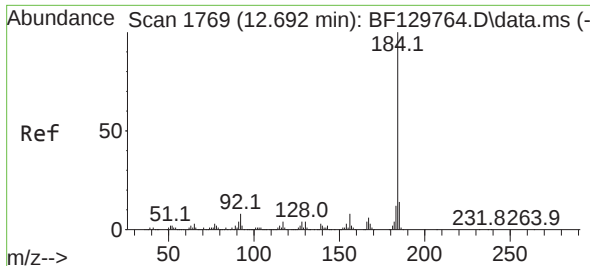


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 1992
Delta R.T. 0.000 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06



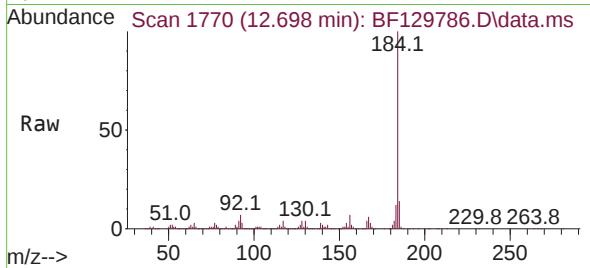
Tgt Ion:240 Resp: 400369
Ion Ratio Lower Upper
240 100
120 11.7 9.2 13.8
236 25.4 20.7 31.1





#77
Benzidine
Concen: 56.891 ng
RT: 12.698 min Scan# 1770
Delta R.T. 0.006 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06

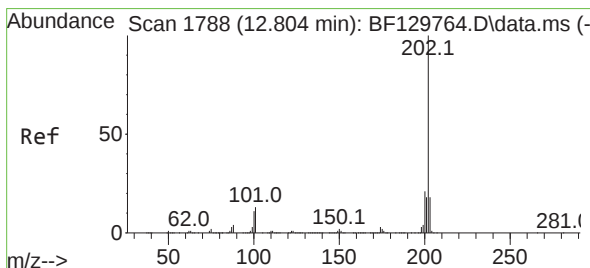
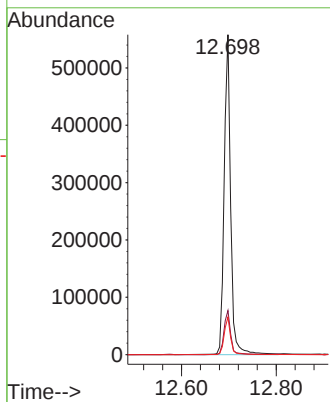
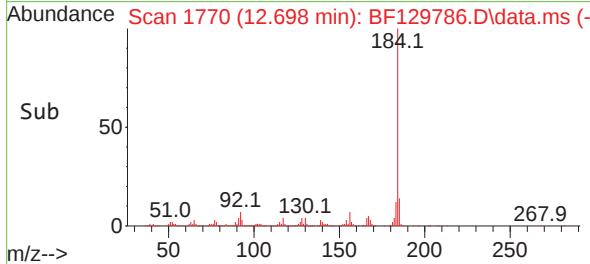
Instrument :
BNA_F
ClientSampleId :
S1MS



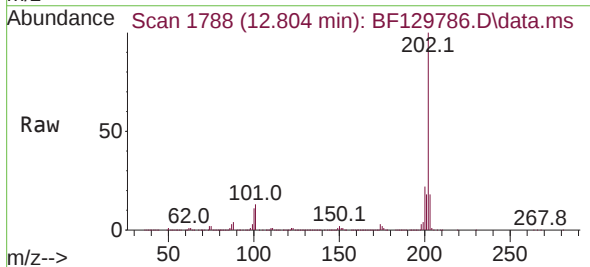
Tgt Ion:184 Resp: 533096
Ion Ratio Lower Upper
184 100
185 13.8 11.4 17.2
183 11.7 9.4 14.2

Manual Integrations
APPROVED

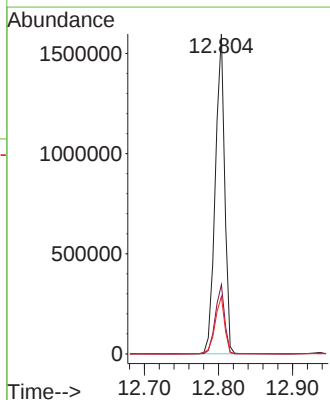
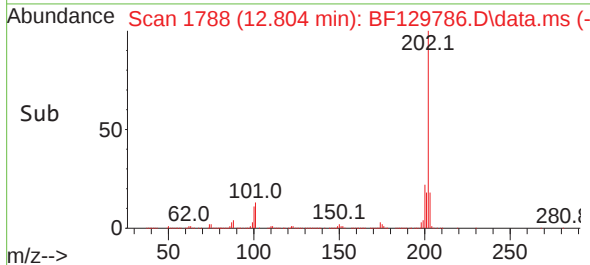
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022

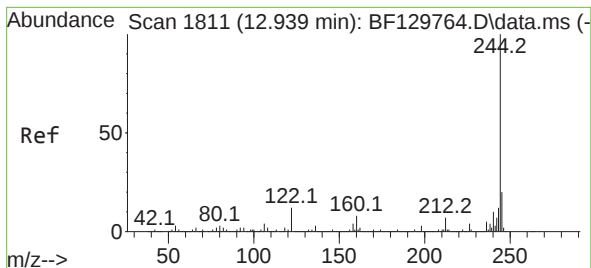


#78
Pyrene
Concen: 40.464 ng
RT: 12.804 min Scan# 1788
Delta R.T. 0.000 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06



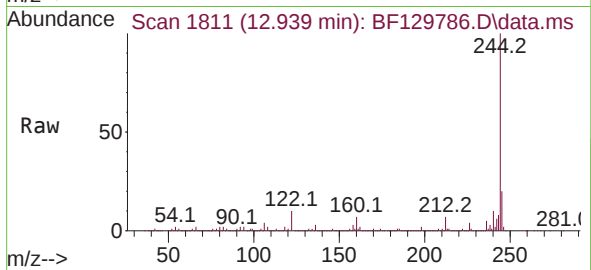
Tgt Ion:202 Resp: 1407800
Ion Ratio Lower Upper
202 100
200 21.6 17.0 25.6
203 17.9 14.1 21.1





#79
 Terphenyl-d14
 Concen: 59.832 ng
 RT: 12.939 min Scan# 1811
 Delta R.T. 0.000 min
 Lab File: BF129786.D
 Acq: 15 Aug 2022 18:06

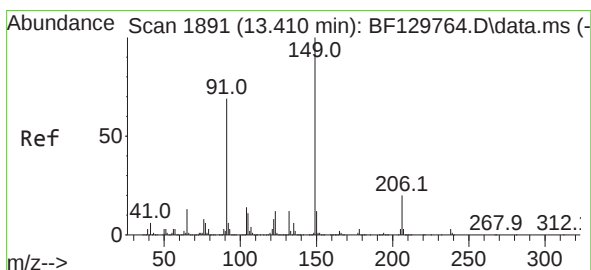
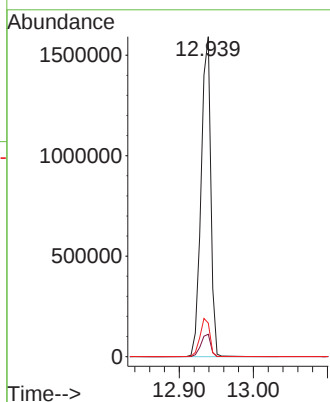
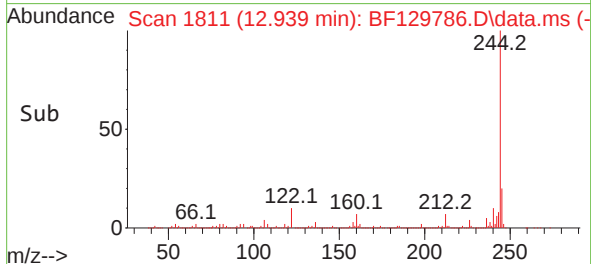
Instrument :
 BNA_F
 ClientSampleId :
 S1MS



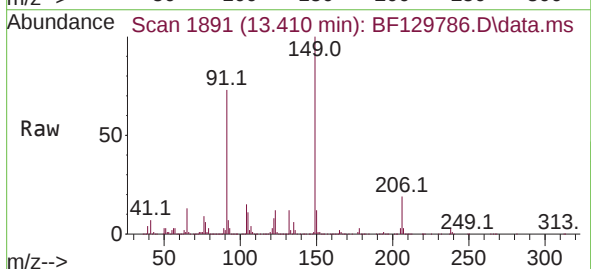
Tgt Ion:244 Resp: 1439646
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 10.5 9.9 14.9

Manual Integrations
 APPROVED

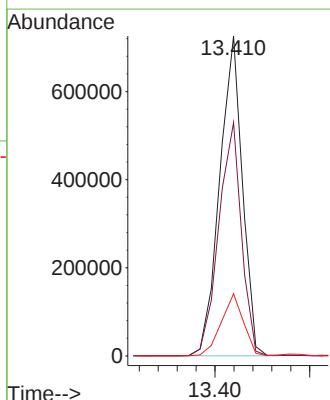
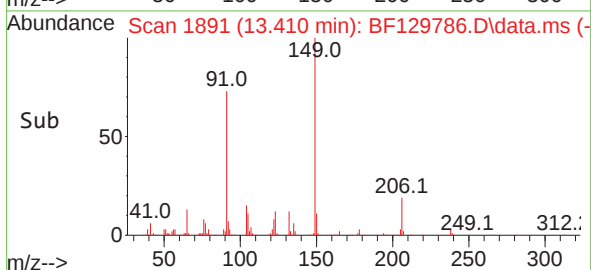
Reviewed By :Christian Giraldo 08/16/2022
 Supervised By :Jagrut Upadhyay 08/16/2022

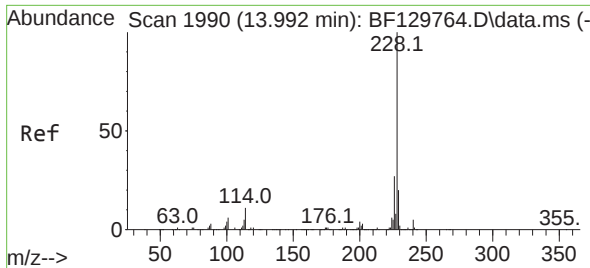


#80
 Butylbenzylphthalate
 Concen: 41.143 ng
 RT: 13.410 min Scan# 1891
 Delta R.T. 0.000 min
 Lab File: BF129786.D
 Acq: 15 Aug 2022 18:06



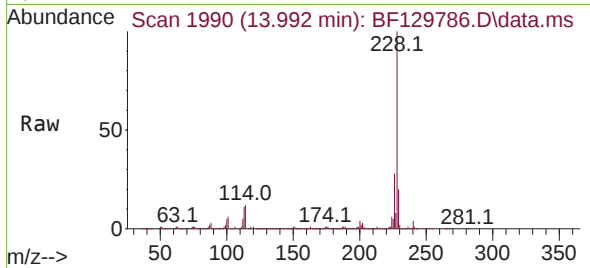
Tgt Ion:149 Resp: 605706
 Ion Ratio Lower Upper
 149 100
 91 72.9 55.4 83.0
 206 19.4 15.8 23.6





#81
Benzo(a)anthracene
Concen: 39.161 ng
RT: 13.992 min Scan# 1990
Delta R.T. 0.000 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06

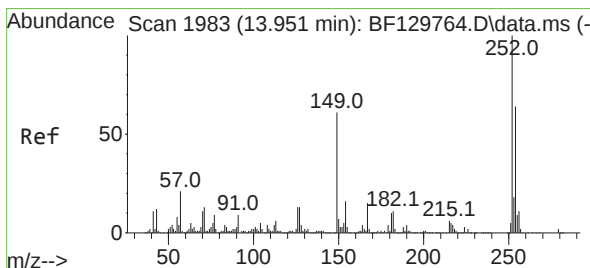
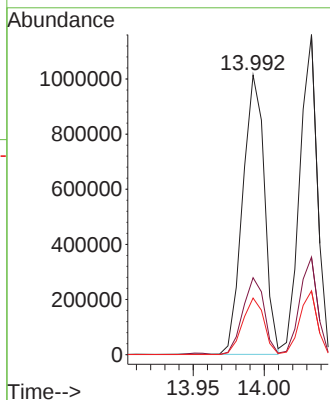
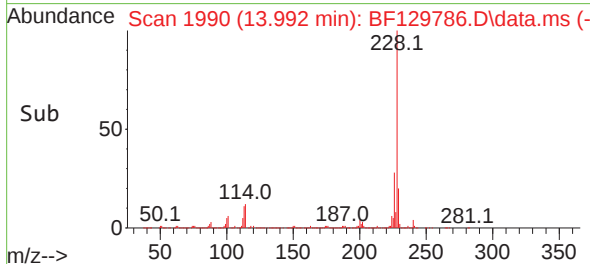
Instrument :
BNA_F
ClientSampleId :
S1MS



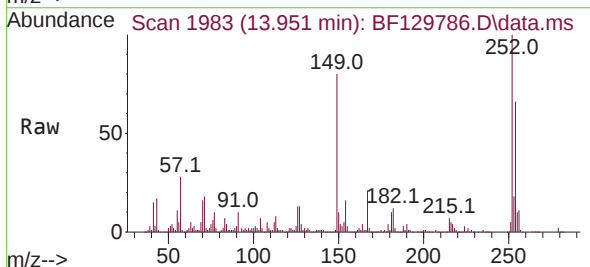
Tgt Ion:228 Resp: 1078563
Ion Ratio Lower Upper
228 100
226 27.5 21.4 32.0
229 20.3 16.1 24.1

Manual Integrations
APPROVED

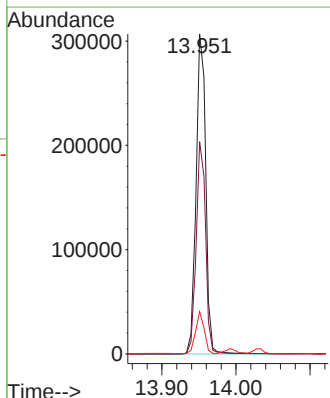
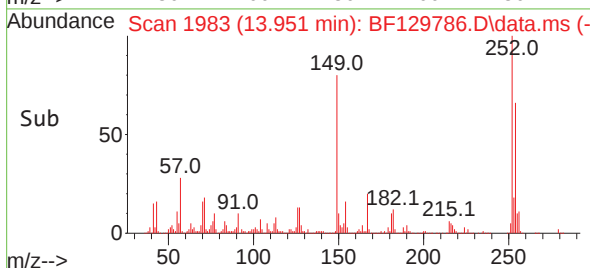
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022

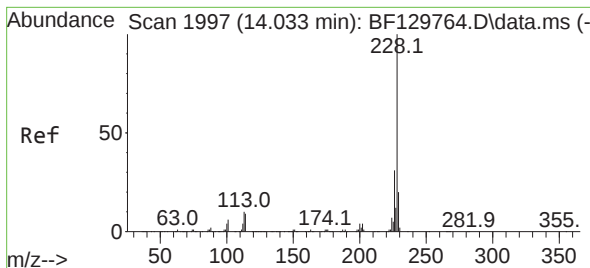


#82
3,3'-Dichlorobenzidine
Concen: 32.555 ng
RT: 13.951 min Scan# 1983
Delta R.T. 0.000 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06



Tgt Ion:252 Resp: 277693
Ion Ratio Lower Upper
252 100
254 66.3 51.4 77.2
126 13.2 10.2 15.4





#83

Chrysene

Concen: 39.007 ng

RT: 14.033 min Scan# 1997

Delta R.T. 0.000 min

Lab File: BF129786.D

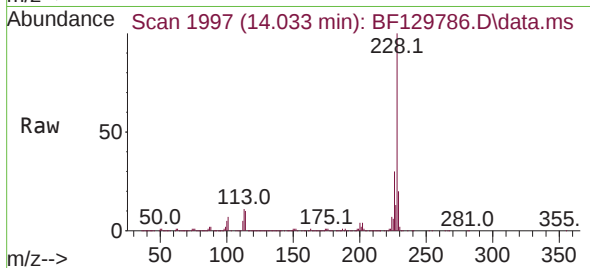
Acq: 15 Aug 2022 18:06

Instrument :

BNA_F

ClientSampleId :

SIMS



Tgt Ion:228 Resp: 1005634

Ion Ratio Lower Upper

228 100

226 30.5 24.4 36.6

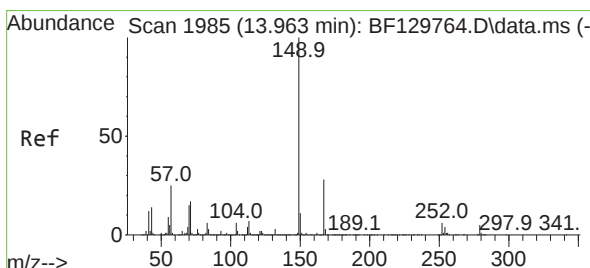
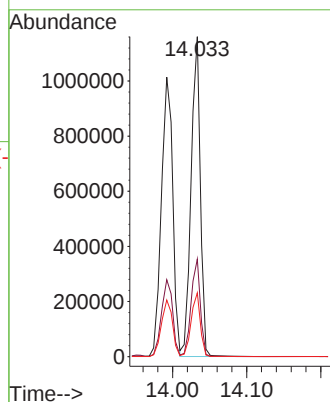
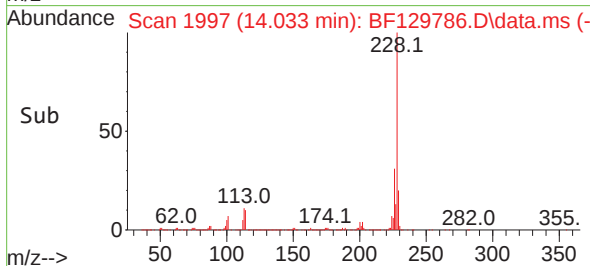
229 19.9 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/16/2022

Supervised By :Jagrut Upadhyay 08/16/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.848 ng

RT: 13.963 min Scan# 1985

Delta R.T. 0.000 min

Lab File: BF129786.D

Acq: 15 Aug 2022 18:06

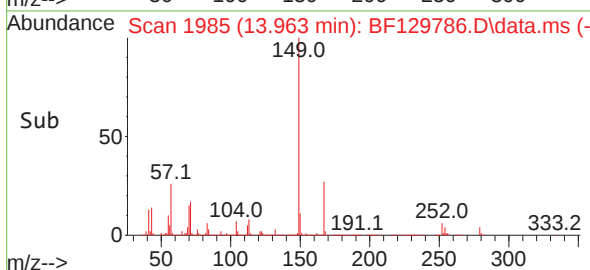
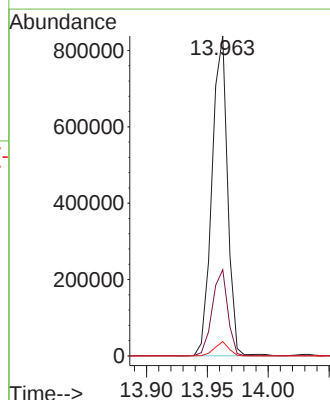
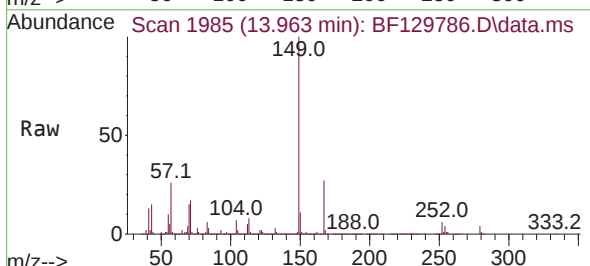
Tgt Ion:149 Resp: 748381

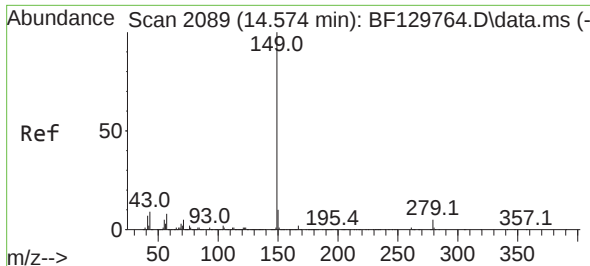
Ion Ratio Lower Upper

149 100

167 27.0 22.0 33.0

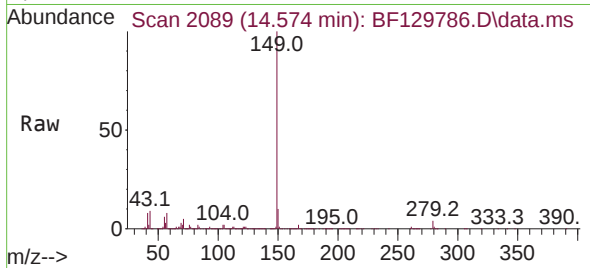
279 4.5 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 43.825 ng
RT: 14.574 min Scan# 2089
Delta R.T. 0.000 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06

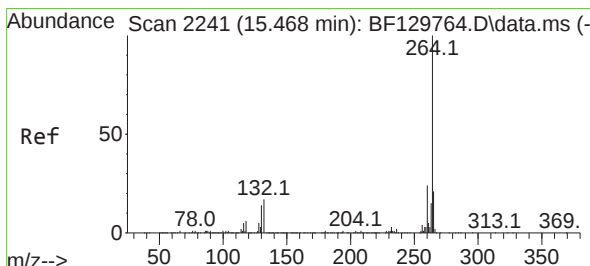
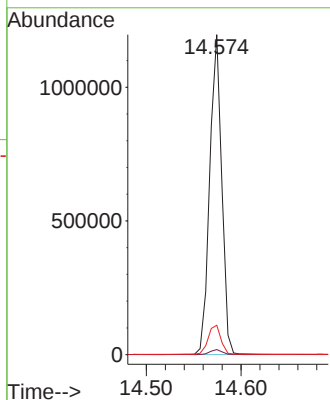
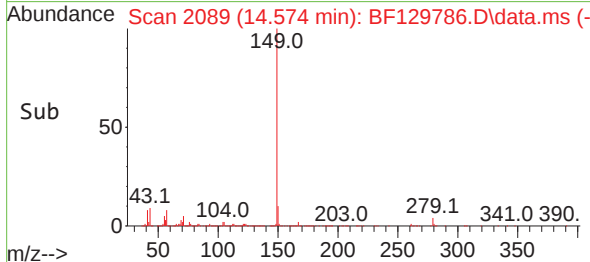
Instrument :
BNA_F
ClientSampleId :
S1MS



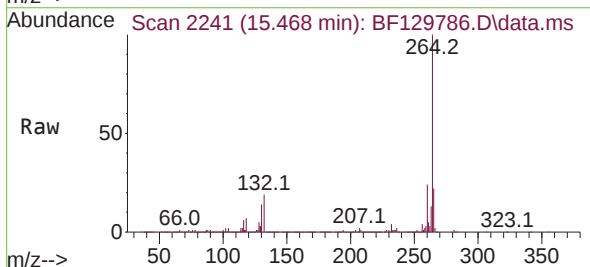
Tgt Ion:149 Resp: 1056668
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.0 7.8 11.6

Manual Integrations
APPROVED

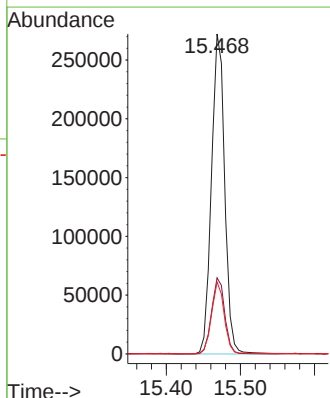
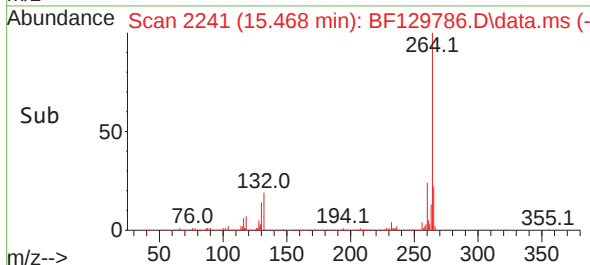
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022

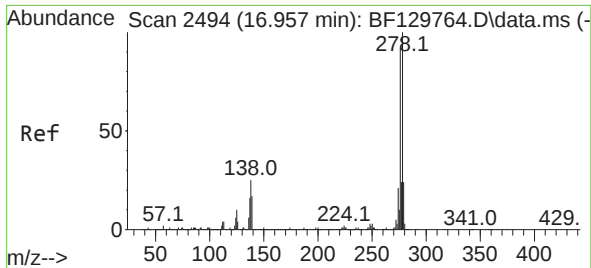


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2241
Delta R.T. 0.000 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06



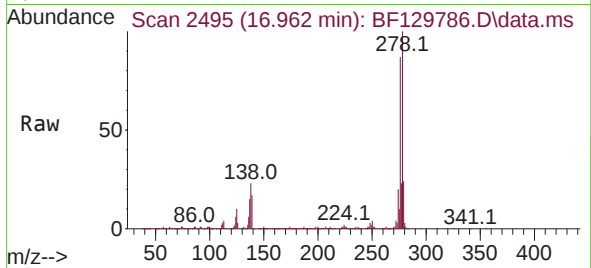
Tgt Ion:264 Resp: 337539
Ion Ratio Lower Upper
264 100
260 23.8 19.1 28.7
265 22.5 16.7 25.1





#87
Indeno(1,2,3-cd)pyrene
Concen: 42.418 ng
RT: 16.962 min Scan# 2495
Delta R.T. 0.006 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06

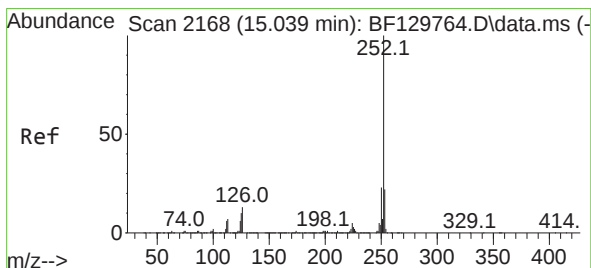
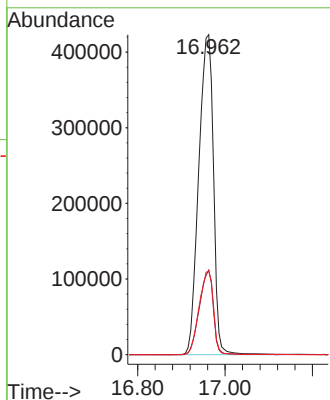
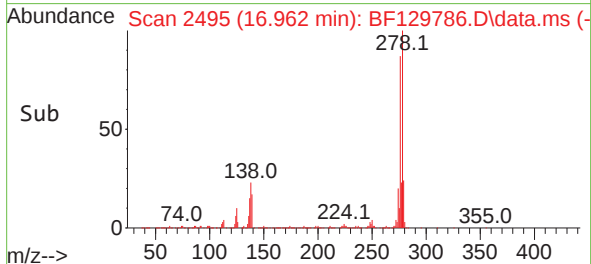
Instrument :
BNA_F
ClientSampleId :
S1MS



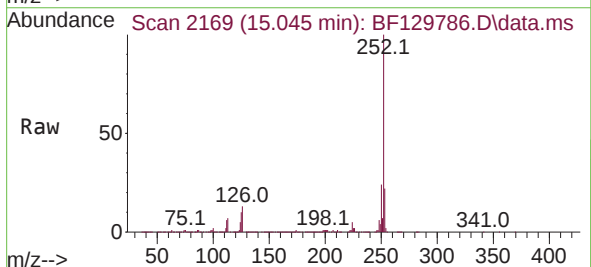
Tgt Ion: 276 Resp: 982938
Ion Ratio Lower Upper
276 100
138 24.7 19.8 29.8
277 25.6 20.4 30.6

Manual Integrations
APPROVED

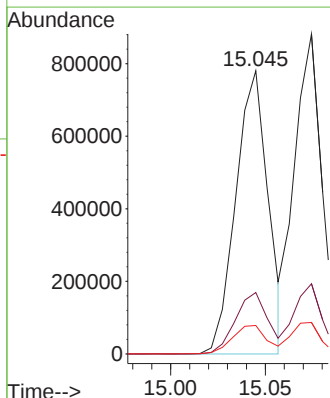
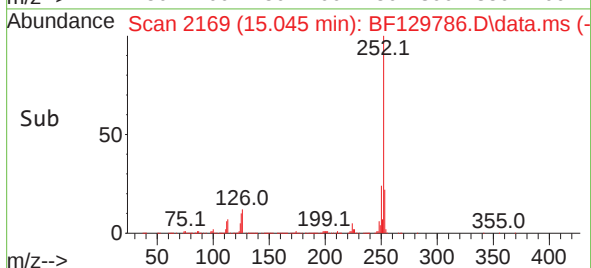
Reviewed By : Christian Giraldo 08/16/2022
Supervised By : Jagrut Upadhyay 08/16/2022

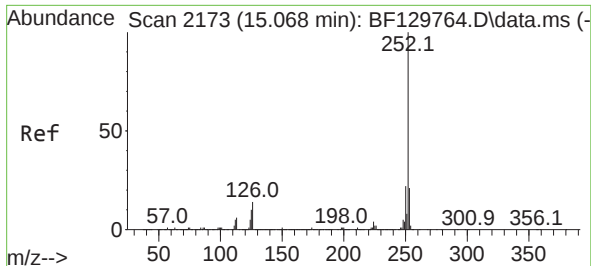


#88
Benzo(b)fluoranthene
Concen: 40.065 ng
RT: 15.045 min Scan# 2169
Delta R.T. 0.006 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06



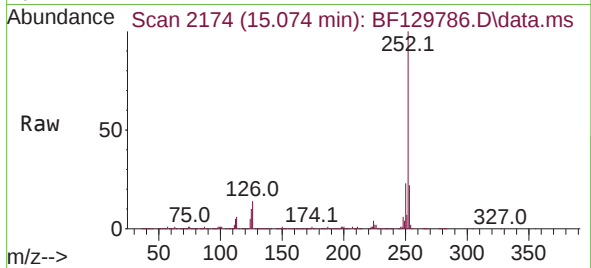
Tgt Ion: 252 Resp: 926022
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 10.0 8.3 12.5





#89
Benzo(k)fluoranthene
Concen: 39.724 ng
RT: 15.074 min Scan# 2173
Delta R.T. 0.006 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06

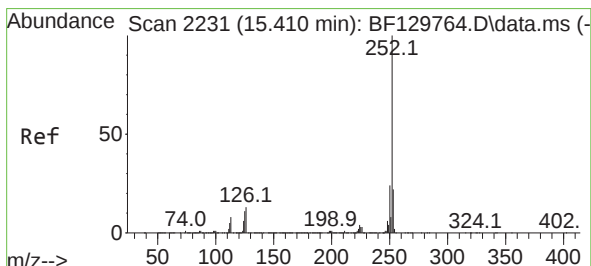
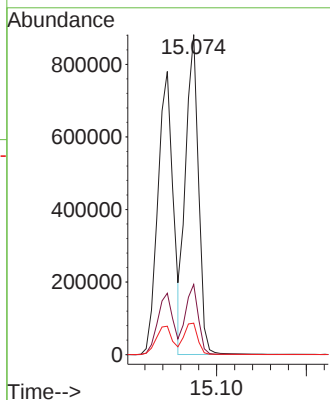
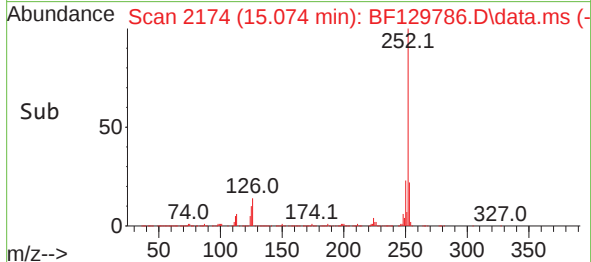
Instrument :
BNA_F
ClientSampleId :
S1MS



Tgt Ion:252 Resp: 880511
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 9.8 8.3 12.5

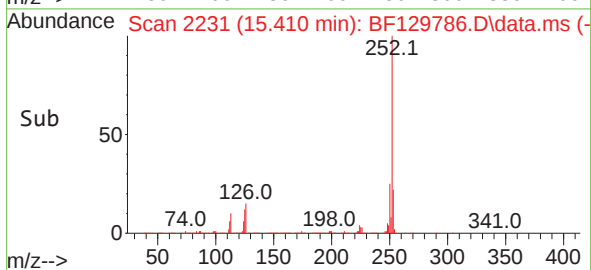
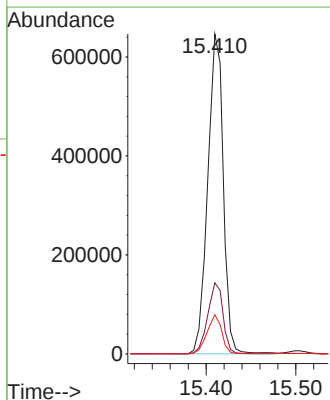
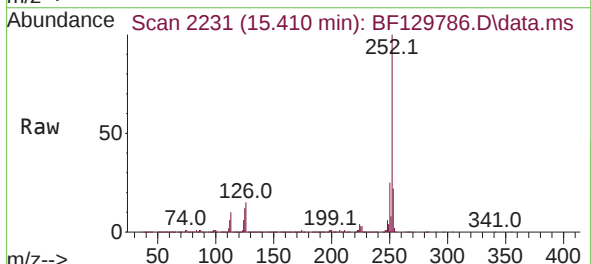
Manual Integrations
APPROVED

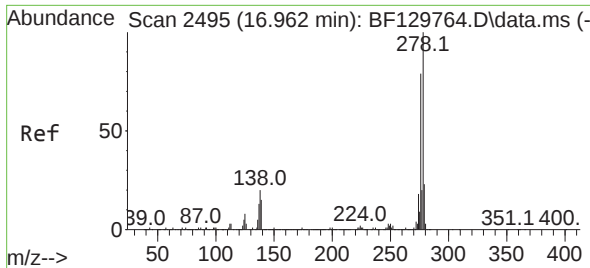
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022



#90
Benzo(a)pyrene
Concen: 42.903 ng
RT: 15.410 min Scan# 2231
Delta R.T. 0.000 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06

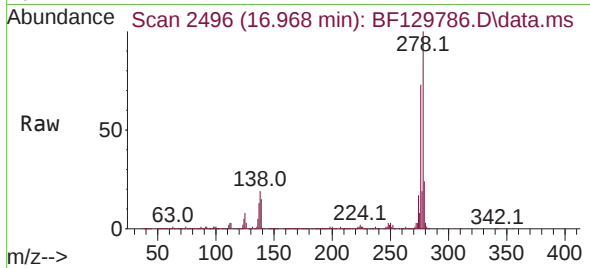
Tgt Ion:252 Resp: 780905
Ion Ratio Lower Upper
252 100
253 22.2 17.2 25.8
125 12.2 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 44.493 ng
RT: 16.968 min Scan# 2495
Delta R.T. 0.006 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06

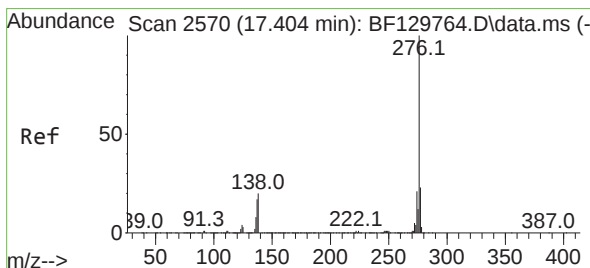
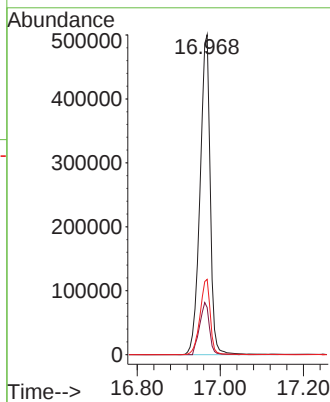
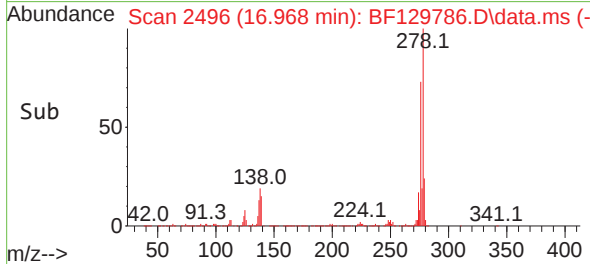
Instrument :
BNA_F
ClientSampleId :
S1MS



Tgt Ion: 278 Resp: 85070
Ion Ratio Lower Upper
278 100
139 14.7 12.2 18.4
279 23.5 18.7 28.1

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 08/16/2022
Supervised By : Jagrut Upadhyay 08/16/2022



#92
Benzo(g,h,i)perylene
Concen: 45.431 ng
RT: 17.410 min Scan# 2571
Delta R.T. 0.006 min
Lab File: BF129786.D
Acq: 15 Aug 2022 18:06

Tgt Ion: 276 Resp: 866607
Ion Ratio Lower Upper
276 100
277 24.1 18.2 27.4
138 20.0 15.8 23.8

