

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
 Data File : BF128895.D
 Acq On : 21 Jun 2022 11:33
 Operator : CG\JU
 Sample : PB145632BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145632BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/22/2022
 Supervised By : Jagrut Upadhyay 06/22/2022

Quant Time: Jun 22 01:47:20 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 01:02:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	128534	20.000	ng	0.02
21) Naphthalene-d8	8.057	136	492745	20.000	ng	0.02
39) Acenaphthene-d10	9.816	164	274291	20.000	ng	0.02
64) Phenanthrene-d10	11.304	188	397123	20.000	ng	# 0.02
76) Chrysene-d12	13.951	240	282508	20.000	ng	# 0.02
86) Perylene-d12	15.398	264	205635	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	901496	111.716	ng	0.04
7) Phenol-d6	6.440	99	1099499	111.621	ng	0.02
23) Nitrobenzene-d5	7.345	82	789183	74.568	ng	0.02
42) 2,4,6-Tribromophenol	10.616	330	282565	87.188	ng	0.03
45) 2-Fluorobiphenyl	9.139	172	1494807	76.340	ng	0.02
79) Terphenyl-d14	12.892	244	1404584	86.392	ng	0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.622	88	90801	30.310	ng	95
3) Pyridine	3.352	79	239932	30.149	ng	92
4) n-Nitrosodimethylamine	3.310	42	203769	36.923	ng	# 81
6) Aniline	6.440	93	357197	33.624	ng	# 46
8) 2-Chlorophenol	6.569	128	358962	43.473	ng	99
9) Benzaldehyde	6.322	77	69067	11.509	ng	93
10) Phenol	6.451	94	439223	42.183	ng	88
11) bis(2-Chloroethyl)ether	6.516	93	335267	43.942	ng	97
12) 1,3-Dichlorobenzene	6.716	146	387042	40.546	ng	99
13) 1,4-Dichlorobenzene	6.793	146	393777	40.845	ng	98
14) 1,2-Dichlorobenzene	6.940	146	377498	41.859	ng	97
15) Benzyl Alcohol	6.928	79	322601	39.143	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.051	45	512123	40.739	ng	# 1
17) 2-Methylphenol	7.204	107	372281	57.046	ng	# 81
18) Hexachloroethane	7.281	117	151146	42.140	ng	97
19) n-Nitroso-di-n-propyla...	7.198	70	266381	43.495	ng	98
20) 3+4-Methylphenols	7.204	107	372281	42.730	ng	# 82
22) Acetophenone	7.192	105	519657	40.323	ng	94
24) Nitrobenzene	7.363	77	400469	41.216	ng	97
25) Isophorone	7.604	82	713796	44.408	ng	97
26) 2-Nitrophenol	7.681	139	191352	44.699	ng	# 95
27) 2,4-Dimethylphenol	7.728	122	318556	48.850	ng	96
28) bis(2-Chloroethoxy)met...	7.810	93	411874	40.534	ng	98
29) 2,4-Dichlorophenol	7.934	162	306006	40.544	ng	96
30) 1,2,4-Trichlorobenzene	7.998	180	338061	39.780	ng	99
31) Naphthalene	8.081	128	1033964	40.888	ng	99
32) Benzoic acid	7.887	122	137558	29.732	ng	97
33) 4-Chloroaniline	8.134	127	286302	30.029	ng	97
34) Hexachlorobutadiene	8.192	225	234802	38.959	ng	99
35) Caprolactam	8.522	113	76673m	36.737	ng	
36) 4-Chloro-3-methylphenol	8.639	107	337800	41.011	ng	98
37) 2-Methylnaphthalene	8.775	142	669993	41.654	ng	99
38) 1-Methylnaphthalene	8.869	142	635785	40.912	ng	98
40) 1,2,4,5-Tetrachloroben...	8.939	216	353954	41.550	ng	98
41) Hexachlorocyclopentadiene	8.922	237	241298	47.123	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	199119	34.565	ng	95

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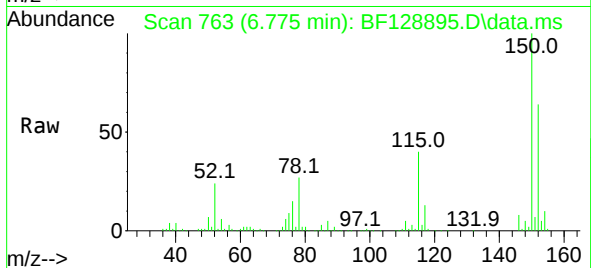
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	215343	36.172	ng	96
46) 1,1'-Biphenyl	9.239	154	842481	40.936	ng	98
47) 2-Chloronaphthalene	9.263	162	649486	41.358	ng	99
48) 2-Nitroaniline	9.369	65	222902	41.508	ng	97
49) Acenaphthylene	9.681	152	1017409	42.319	ng	99
50) Dimethylphthalate	9.545	163	777029	41.387	ng	100
51) 2,6-Dinitrotoluene	9.610	165	167228	45.129	ng	# 85
52) Acenaphthene	9.851	154	579917	37.041	ng	99
53) 3-Nitroaniline	9.781	138	125819	31.285	ng	98
54) 2,4-Dinitrophenol	9.898	184	142622	69.101	ng	93
55) Dibenzofuran	10.022	168	866551	38.512	ng	95
56) 4-Nitrophenol	9.981	139	147114	50.464	ng	84
57) 2,4-Dinitrotoluene	10.022	165	217563	43.994	ng	# 87
58) Fluorene	10.369	166	586291	33.599	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.151	232	135399	27.536	ng	93
60) Diethylphthalate	10.245	149	597198	31.649	ng	98
61) 4-Chlorophenyl-phenyle...	10.357	204	306044	33.814	ng	98
62) 4-Nitroaniline	10.404	138	115887	28.460	ng	90
63) Azobenzene	10.516	77	544356	29.304	ng	98
65) 4,6-Dinitro-2-methylph...	10.433	198	89166	38.047	ng	83
66) n-Nitrosodiphenylamine	10.480	169	529418	43.373	ng	98
67) 4-Bromophenyl-phenylether	10.845	248	196336	44.333	ng	97
68) Hexachlorobenzene	10.916	284	220834	44.900	ng	# 88
69) Atrazine	11.010	200	176515	44.969	ng	98
70) Pentachlorophenol	11.122	266	165671	67.480	ng	99
71) Phenanthrene	11.328	178	857529	43.051	ng	98
72) Anthracene	11.380	178	855790	43.407	ng	98
73) Carbazole	11.539	167	745740	40.725	ng	99
74) Di-n-butylphthalate	11.863	149	949941	42.607	ng	100
75) Fluoranthene	12.522	202	905920	43.510	ng	95
77) Benzidine	12.639	184	219511	38.978	ng	100
78) Pyrene	12.751	202	909019	43.249	ng	98
80) Butylbenzylphthalate	13.363	149	376225	42.624	ng	96
81) Benzo(a)anthracene	13.939	228	760590	43.192	ng	98
82) 3,3'-Dichlorobenzidine	13.904	252	216435	57.449	ng	# 97
83) Chrysene	13.980	228	693480	41.306	ng	100
84) Bis(2-ethylhexyl)phtha...	13.921	149	525801	45.821	ng	100
85) Di-n-octyl phthalate	14.533	149	786538	45.509	ng	96
87) Indeno(1,2,3-cd)pyrene	16.845	276	545777	44.035	ng	# 91
88) Benzo(b)fluoranthene	14.980	252	602780	45.874	ng	# 97
89) Benzo(k)fluoranthene	15.010	252	586485	47.448	ng	# 96
90) Benzo(a)pyrene	15.339	252	543652	52.642	ng	# 96
91) Dibenzo(a,h)anthracene	16.851	278	490294	47.691	ng	# 95
92) Benzo(g,h,i)perylene	17.274	276	476171	46.734	ng	# 90

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.775 min Scan# 70
Delta R.T. 0.018 min
Lab File: BF128895.D
Acq: 21 Jun 2022 11:33

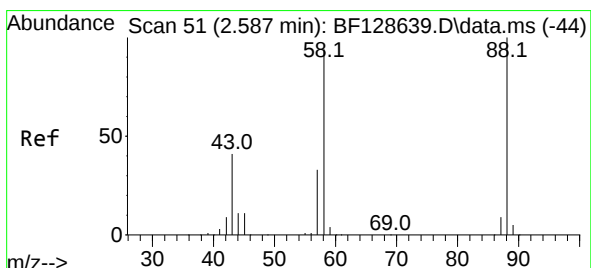
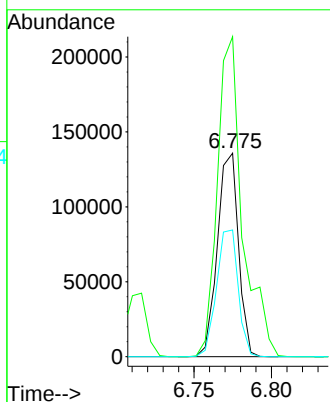
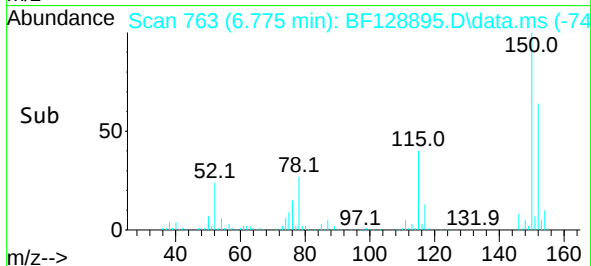
Instrument :
BNA_F
ClientSampleId :
PB145632BS



Tgt Ion:152 Resp: 128534
Ion Ratio Lower Upper
152 100
150 157.2 123.7 185.5
115 62.2 49.9 74.9

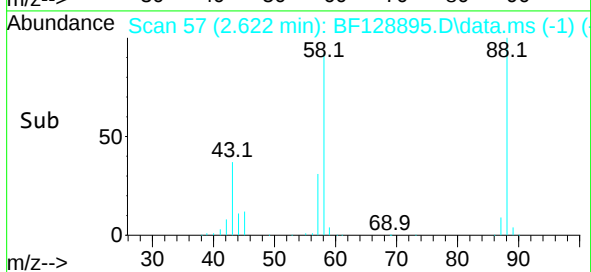
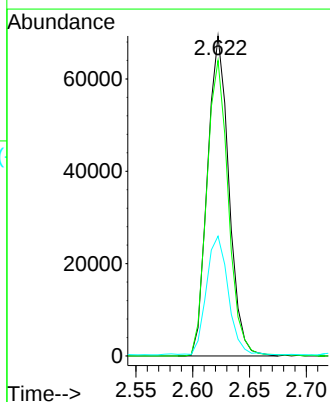
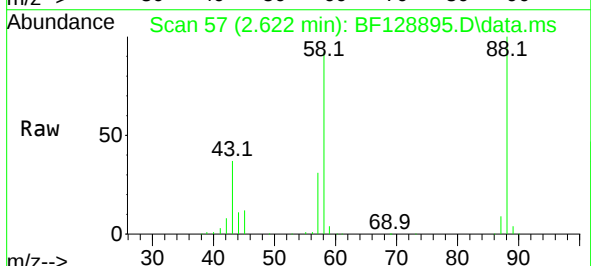
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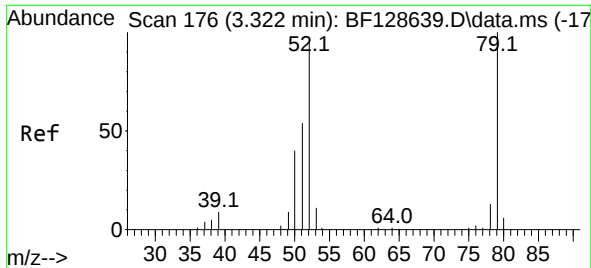
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022



#2
1,4-Dioxane
Concen: 30.310 ng
RT: 2.622 min Scan# 57
Delta R.T. 0.147 min
Lab File: BF128895.D
Acq: 21 Jun 2022 11:33

Tgt Ion: 88 Resp: 90801
Ion Ratio Lower Upper
88 100
58 93.1 71.8 107.8
43 37.7 26.6 39.8





#3
Pyridine
Concen: 30.149 ng
RT: 3.352 min Scan# 11
Delta R.T. 0.165 min
Lab File: BF128895.D
Acq: 21 Jun 2022 11:33

Instrument :

BNA_F

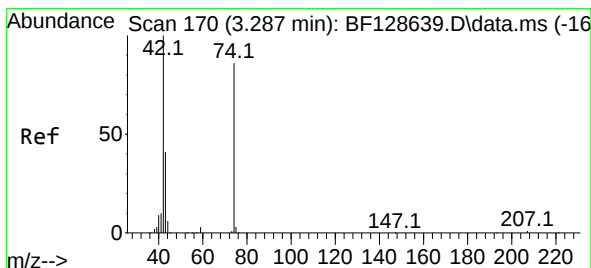
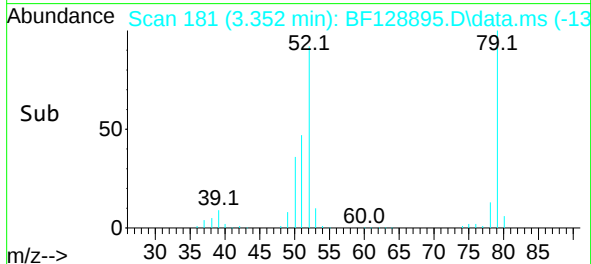
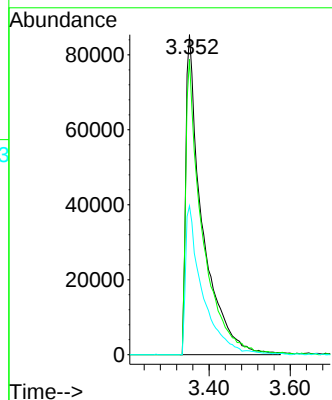
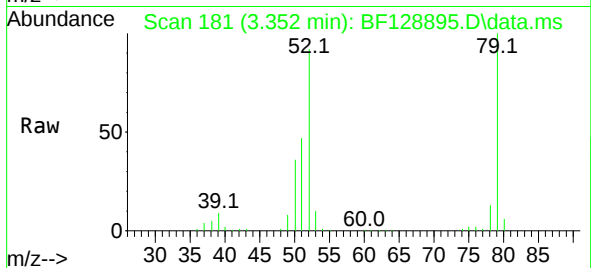
ClientSampleId :

PB145632BS

Tgt Ion: 79 Resp: 23993
Ion Ratio Lower Upper
79 100
52 92.3 68.6 102.8
51 46.5 32.9 49.3

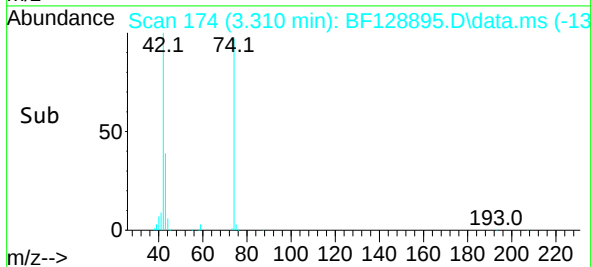
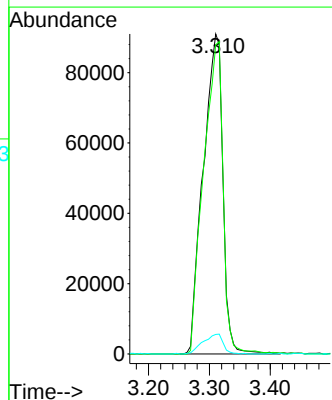
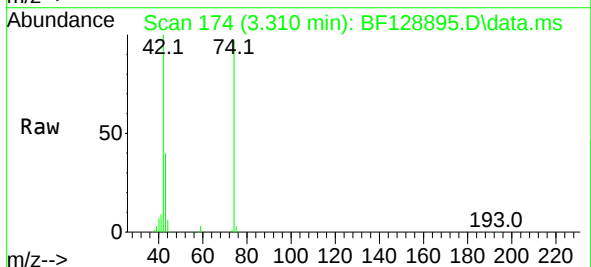
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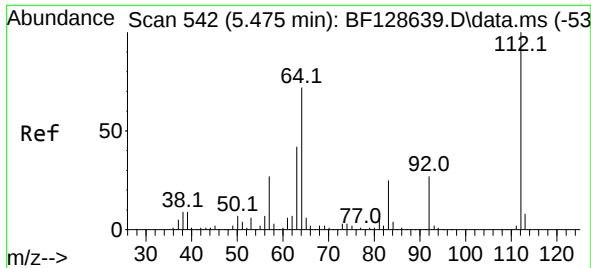
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022



#4
n-Nitrosodimethylamine
Concen: 36.923 ng
RT: 3.310 min Scan# 174
Delta R.T. 0.141 min
Lab File: BF128895.D
Acq: 21 Jun 2022 11:33

Tgt Ion: 42 Resp: 203769
Ion Ratio Lower Upper
42 100
74 96.6 94.8 142.2
44 6.1 6.6 10.0





#5
2-Fluorophenol
Concen: 111.716 ng
RT: 5.422 min Scan# 51
Delta R.T. 0.035 min
Lab File: BF128895.D
Acq: 21 Jun 2022 11:33

Instrument :

BNA_F

ClientSampleId :

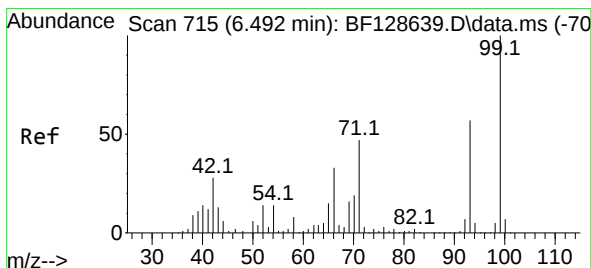
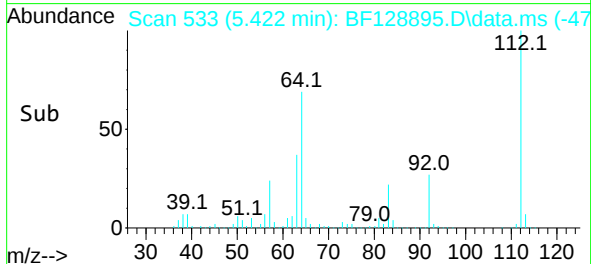
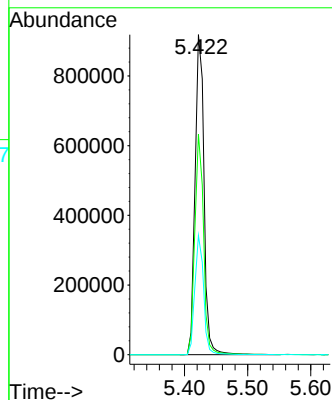
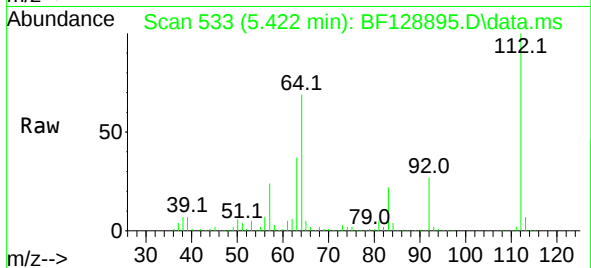
PB145632BS

Tgt Ion:112 Resp: 901490
Ion Ratio Lower Upper
112 100
64 68.9 53.3 79.9
63 37.2 28.0 42.0

Manual Integrations

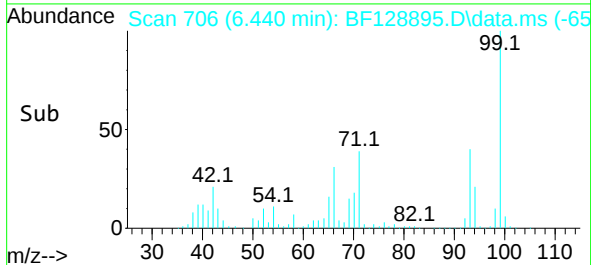
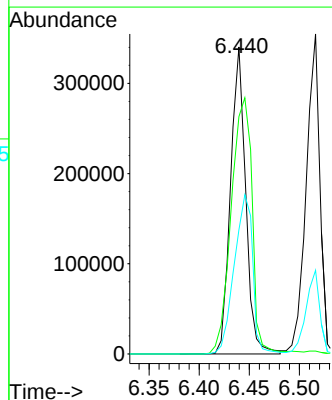
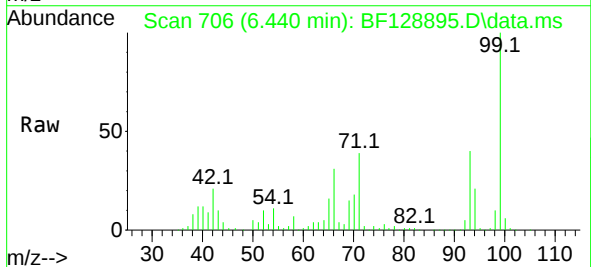
APPROVED

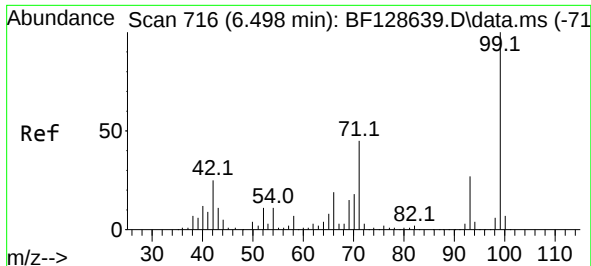
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022



#6
Aniline
Concen: 33.624 ng
RT: 6.440 min Scan# 706
Delta R.T. 0.018 min
Lab File: BF128895.D
Acq: 21 Jun 2022 11:33

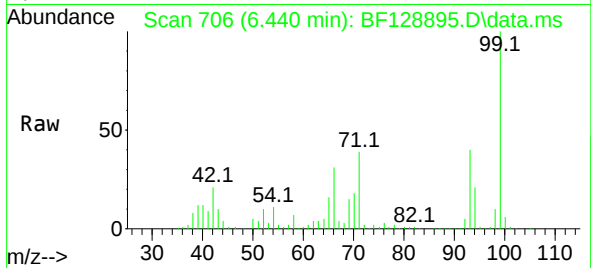
Tgt Ion: 93 Resp: 357197
Ion Ratio Lower Upper
93 100
66 77.3 32.5 48.7#
65 40.4 16.4 24.6#





#7
Phenol-d6
Concen: 111.621 ng
RT: 6.440 min Scan# 706
Delta R.T. 0.024 min
Lab File: BF128895.D
Acq: 21 Jun 2022 11:33

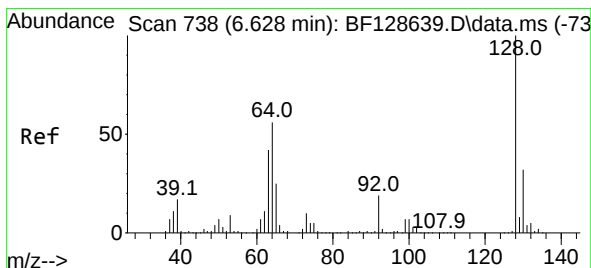
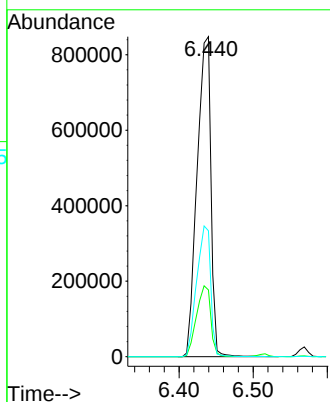
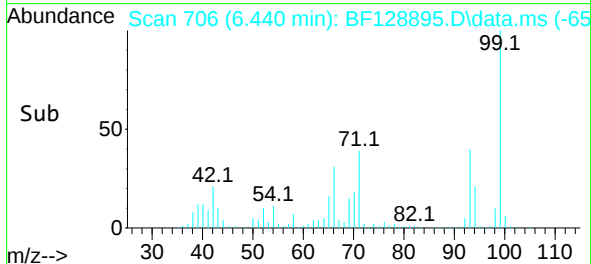
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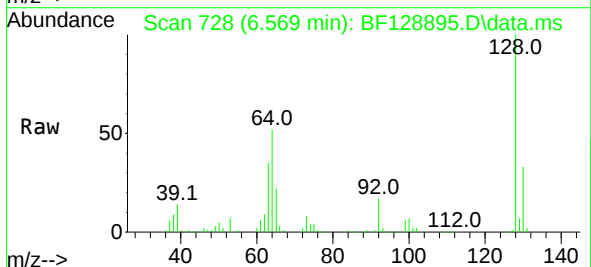
Tgt Ion: 99 Resp: 1099499
Ion Ratio Lower Upper
99 100
42 20.9 17.3 25.9
71 39.4 28.9 43.3

Manual Integrations
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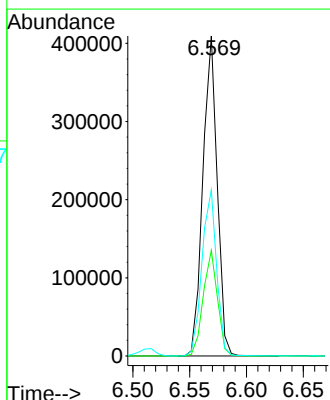
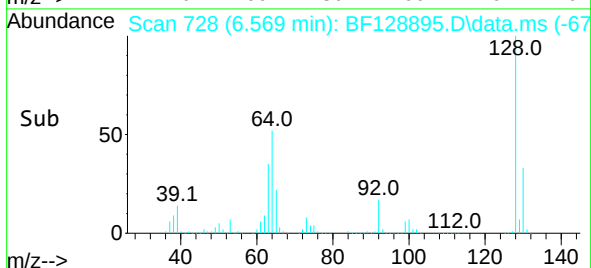
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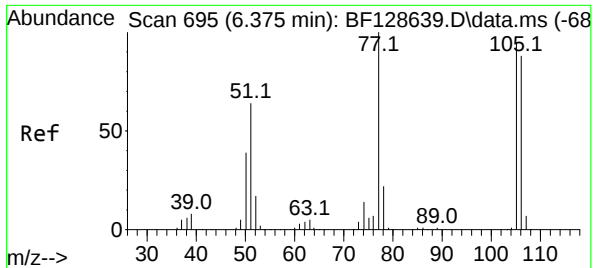


#8
2-Chlorophenol
Concen: 43.473 ng
RT: 6.569 min Scan# 728
Delta R.T. 0.018 min
Lab File: BF128895.D
Acq: 21 Jun 2022 11:33



Tgt Ion:128 Resp: 358962
Ion Ratio Lower Upper
128 100
130 33.0 13.1 53.1
64 51.8 30.9 70.9





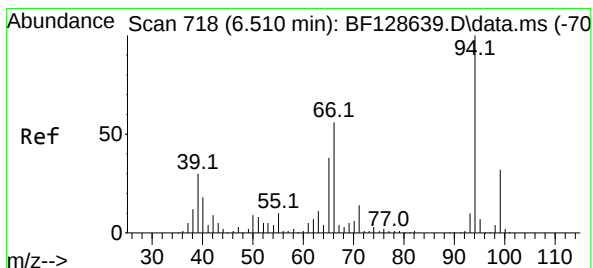
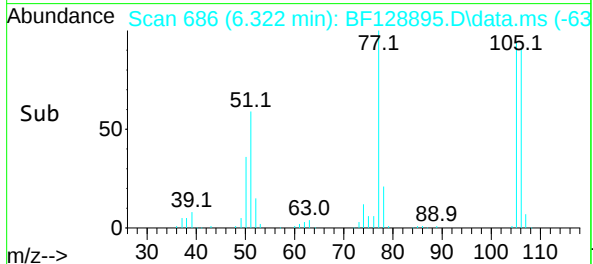
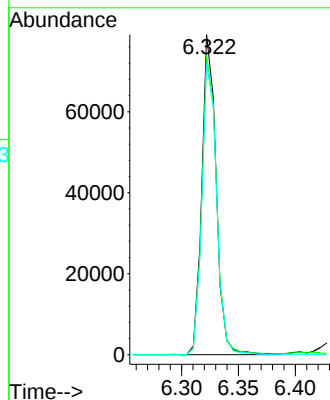
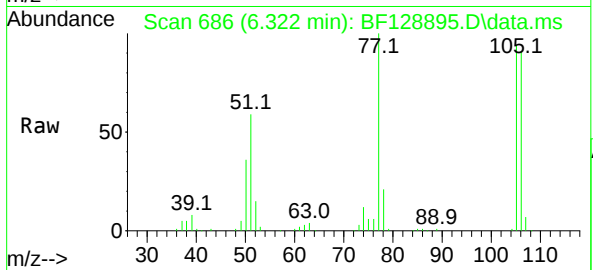
#9
Benzaldehyde
Concen: 11.509 ng
RT: 6.322 min Scan# 61
Delta R.T. 0.012 min
Lab File: BF128895.D
Acq: 21 Jun 2022 11:33

Instrument :
BNA_F
ClientSampleId :
PB145632BS

Tgt Ion: 77 Resp: 6906
Ion Ratio Lower Upper
77 100
105 93.6 81.6 121.6
106 91.2 76.1 116.1

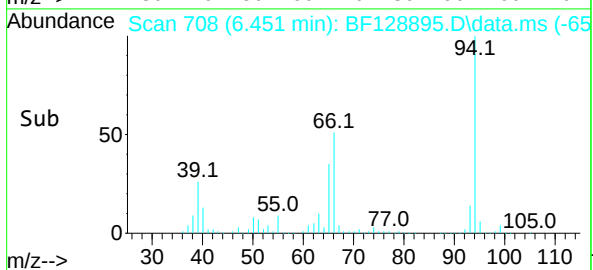
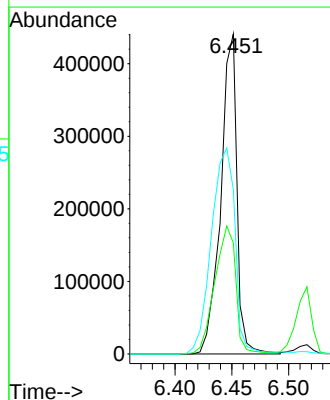
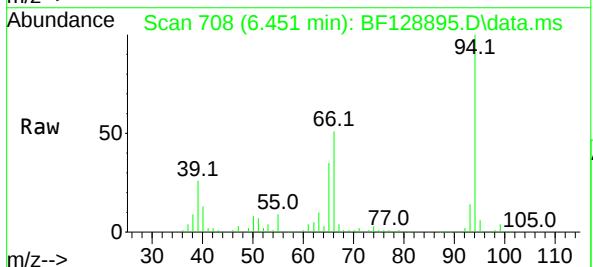
Manual Integrations
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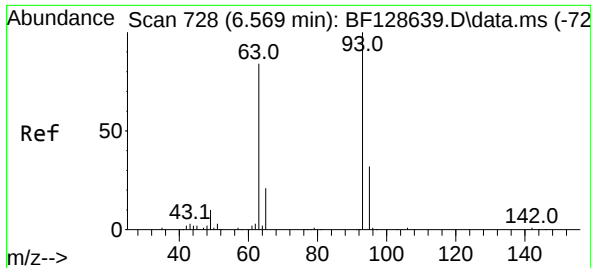
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022



#10
Phenol
Concen: 42.183 ng
RT: 6.451 min Scan# 708
Delta R.T. 0.024 min
Lab File: BF128895.D
Acq: 21 Jun 2022 11:33

Tgt Ion: 94 Resp: 439223
Ion Ratio Lower Upper
94 100
65 34.7 11.4 51.4
66 51.4 21.4 61.4





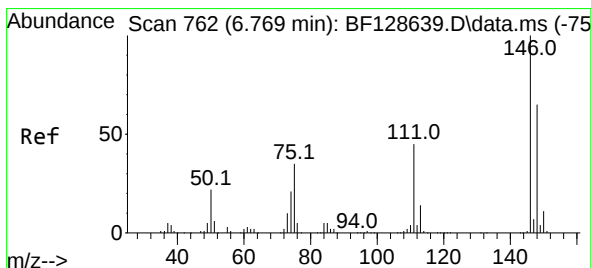
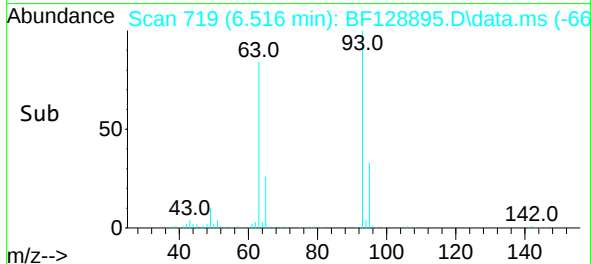
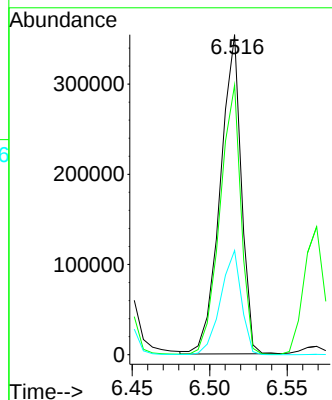
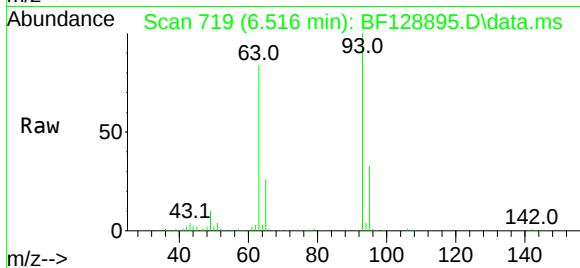
#11
bis(2-Chloroethyl)ether
Concen: 43.942 ng
RT: 6.516 min Scan# 719
Delta R.T. 0.018 min
Lab File: BF128895.D
Acq: 21 Jun 2022 11:33

Instrument :
BNA_F
ClientSampleId :
PB145632BS

Tgt Ion: 93 Resp: 33526
Ion Ratio Lower Upper
93 100
63 84.2 67.4 107.4
95 32.5 12.7 52.7

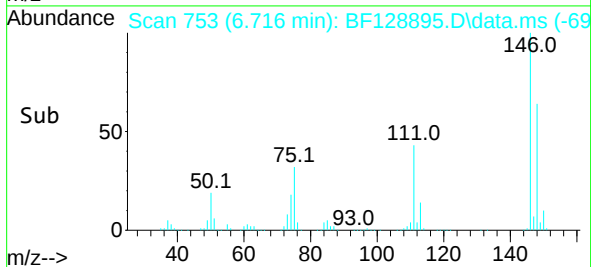
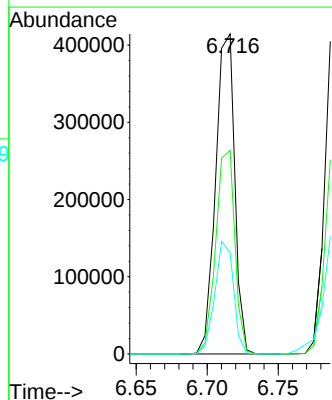
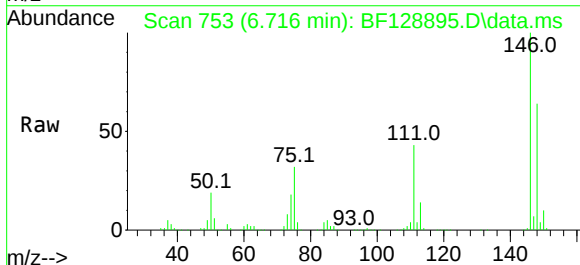
Manual Integrations
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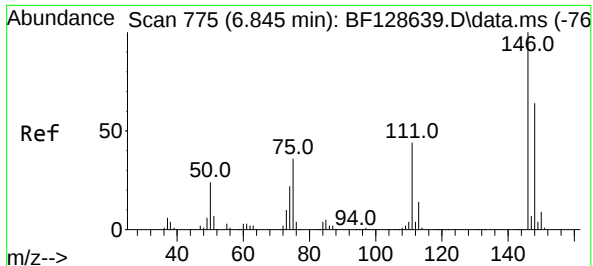
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022



#12
1,3-Dichlorobenzene
Concen: 40.546 ng
RT: 6.716 min Scan# 753
Delta R.T. 0.018 min
Lab File: BF128895.D
Acq: 21 Jun 2022 11:33

Tgt Ion:146 Resp: 387042
Ion Ratio Lower Upper
146 100
148 63.6 50.6 75.8
75 31.6 26.3 39.5





#13

1,4-Dichlorobenzene

Concen: 40.845 ng

RT: 6.793 min Scan# 70

Delta R.T. 0.018 min

Lab File: BF128895.D

Acq: 21 Jun 2022 11:33

Instrument :

BNA_F

ClientSampleId :

PB145632BS

Tgt Ion:146 Resp: 39377

Ion Ratio Lower Upper

146 100

148 65.8 51.1 76.7

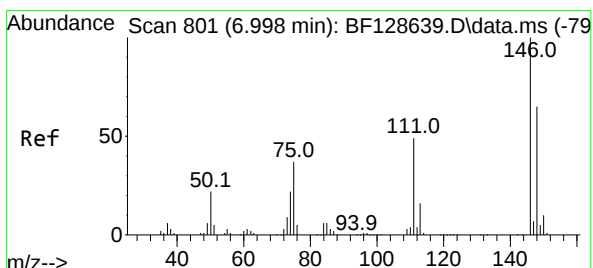
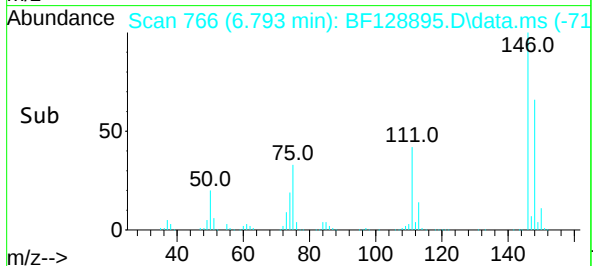
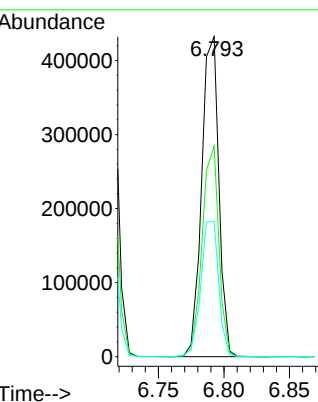
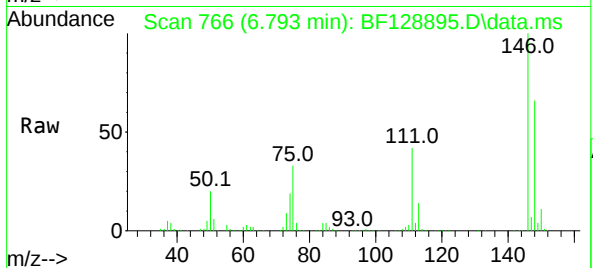
111 42.3 34.2 51.4

Manual Integrations

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Reviewed By :Christian Giraldo 06/22/2022

Supervised By :Jagrut Upadhyay 06/22/2022



#14

1,2-Dichlorobenzene

Concen: 41.859 ng

RT: 6.940 min Scan# 791

Delta R.T. 0.012 min

Lab File: BF128895.D

Acq: 21 Jun 2022 11:33

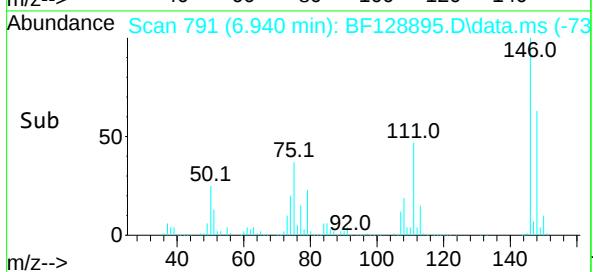
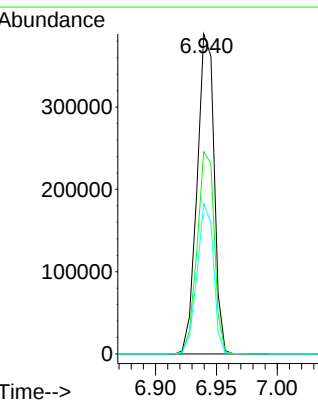
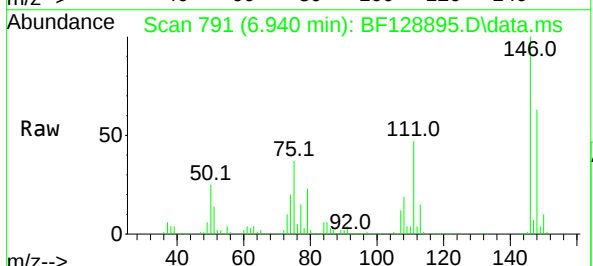
Tgt Ion:146 Resp: 377498

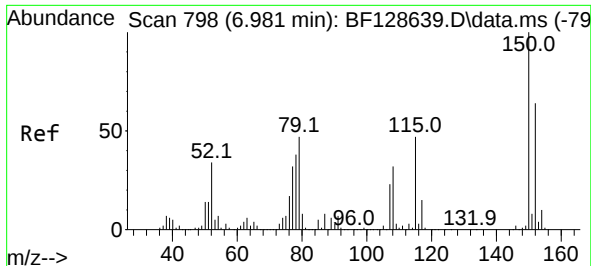
Ion Ratio Lower Upper

146 100

148 63.2 51.8 77.8

111 47.0 35.1 52.7





#15

Benzyl Alcohol

Concen: 39.143 ng

RT: 6.928 min Scan# 79

Delta R.T. 0.018 min

Lab File: BF128895.D

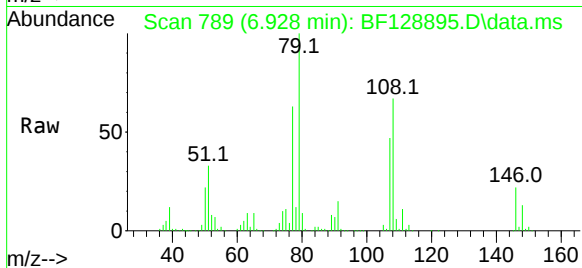
Acq: 21 Jun 2022 11:33

Instrument :

BNA_F

ClientSampleId :

PB145632BS

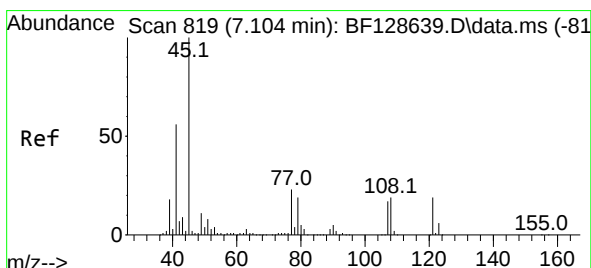
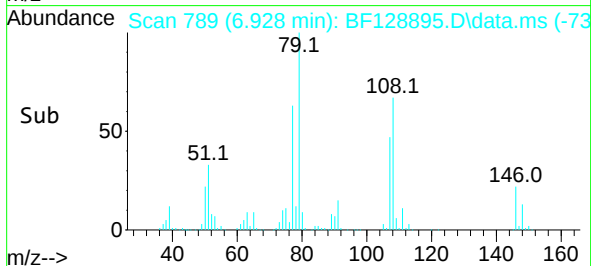
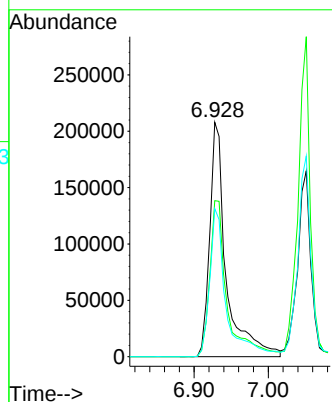


Tgt Ion: 79 Resp: 32260

Ion	Ratio	Lower	Upper
79	100		
108	66.6	61.8	92.6
77	63.1	50.2	75.4

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Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.739 ng

RT: 7.051 min Scan# 810

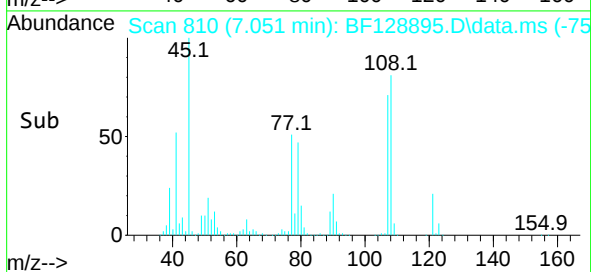
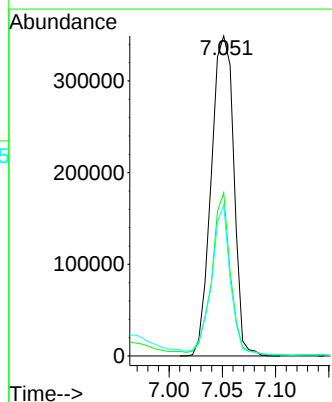
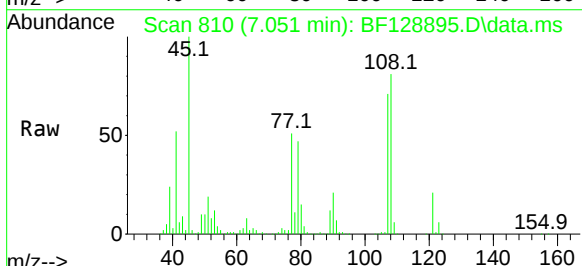
Delta R.T. 0.012 min

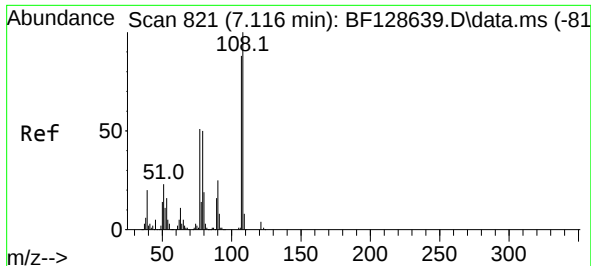
Lab File: BF128895.D

Acq: 21 Jun 2022 11:33

Tgt Ion: 45 Resp: 512123

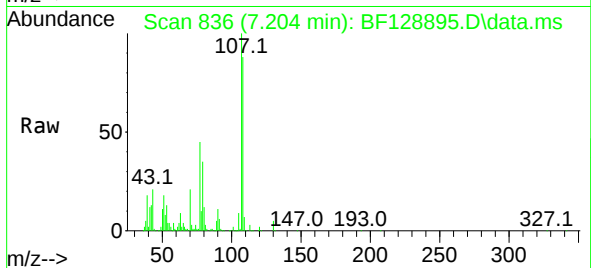
Ion	Ratio	Lower	Upper
45	100		
77	51.0	0.0	31.3#
79	47.2	0.0	28.3#





#17
2-Methylphenol
Concen: 57.046 ng
RT: 7.204 min Scan# 81
Delta R.T. 0.018 min
Lab File: BF128895.D
Acq: 21 Jun 2022 11:33

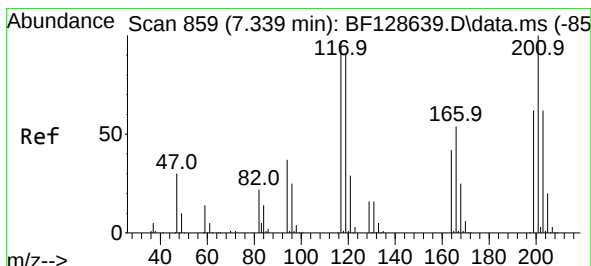
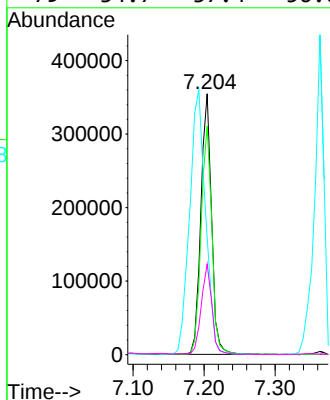
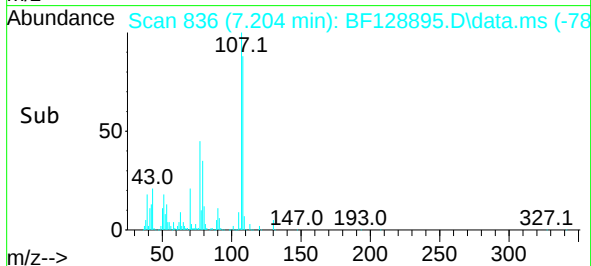
Instrument :
BNA_F
ClientSampleId :
PB145632BS



Tgt Ion:107 Resp: 37228
Ion Ratio Lower Upper
107 100
108 87.6 91.9 137.9
77 44.8 37.8 56.8
79 34.7 37.4 56.0#

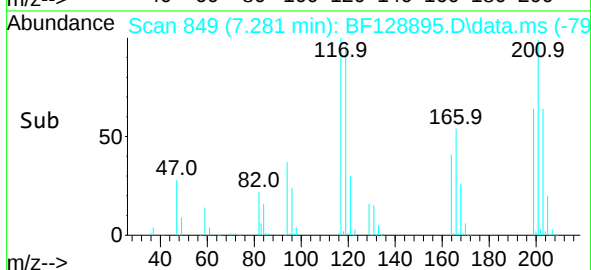
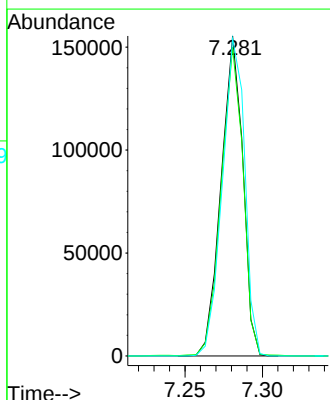
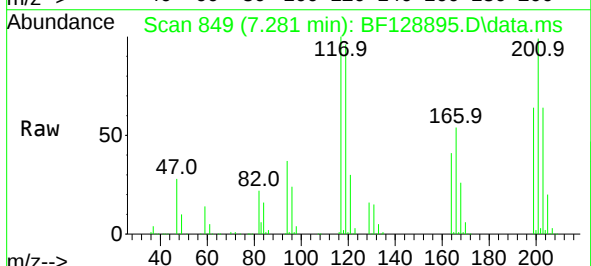
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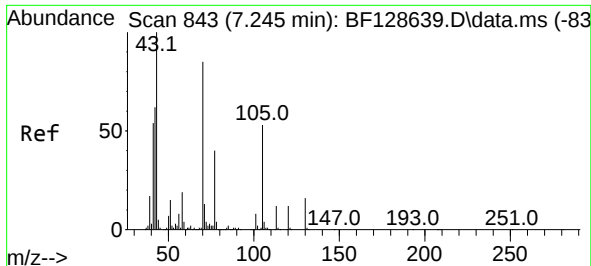
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022



#18
Hexachloroethane
Concen: 42.140 ng
RT: 7.281 min Scan# 849
Delta R.T. 0.018 min
Lab File: BF128895.D
Acq: 21 Jun 2022 11:33

Tgt Ion:117 Resp: 151146
Ion Ratio Lower Upper
117 100
119 96.5 77.4 116.2
201 99.3 84.6 127.0





#19

n-Nitroso-di-n-propylamine

Concen: 43.495 ng

RT: 7.198 min Scan# 81

Delta R.T. 0.018 min

Lab File: BF128895.D

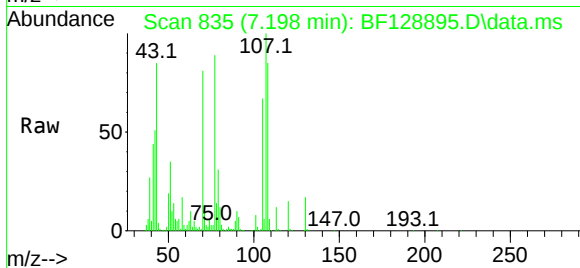
Acq: 21 Jun 2022 11:33

Instrument :

BNA_F

ClientSampleId :

PB145632BS



Tgt Ion: 70 Resp: 26638

Ion Ratio Lower Upper

70 100

42 63.7 52.3 78.5

101 9.6 7.5 11.3

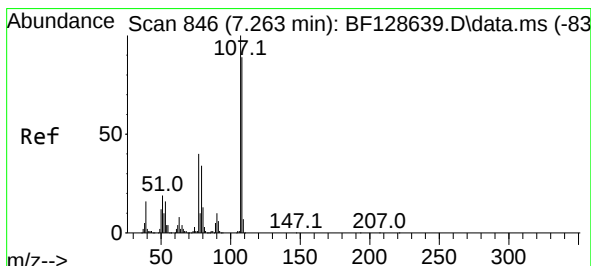
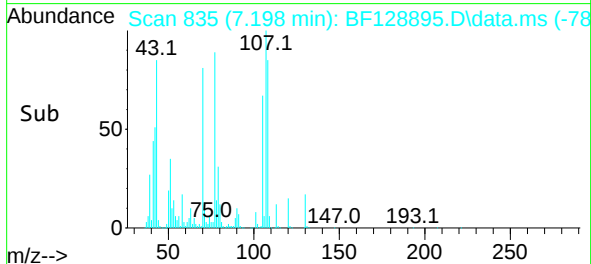
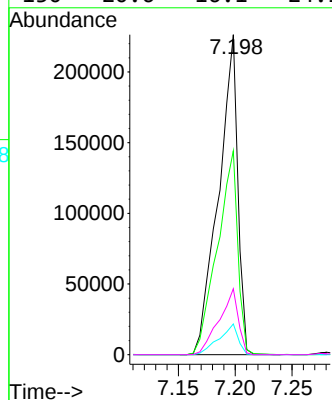
130 20.6 16.1 24.1

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Supervised By :Jagrut Upadhyay 06/22/2022



#20

3+4-Methylphenols

Concen: 42.730 ng

RT: 7.204 min Scan# 836

Delta R.T. 0.018 min

Lab File: BF128895.D

Acq: 21 Jun 2022 11:33

Tgt Ion:107 Resp: 372281

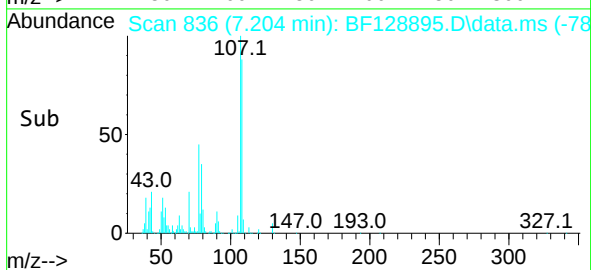
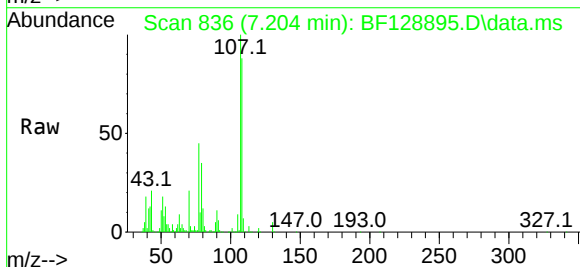
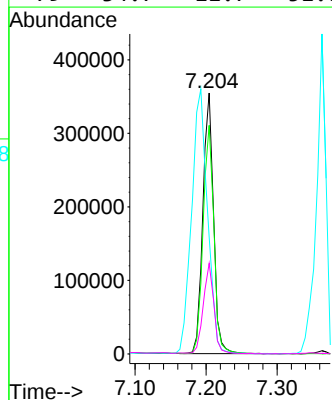
Ion Ratio Lower Upper

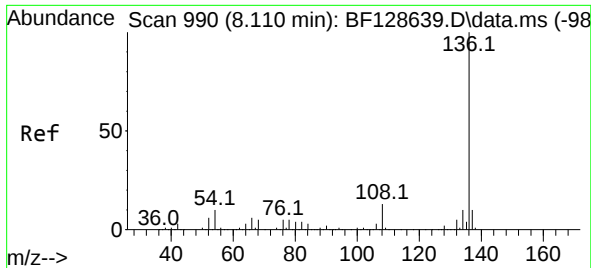
107 100

108 87.6 71.8 111.8

77 44.8 59.3 99.3#

79 34.7 11.7 51.7





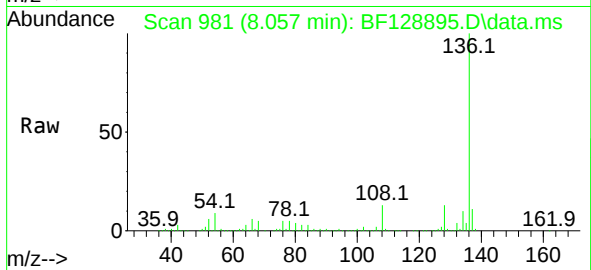
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 990
Delta R.T. 0.018 min
Lab File: BF128895.D
Acq: 21 Jun 2022 11:33

Instrument :

BNA_F

ClientSampleId :

PB145632BS

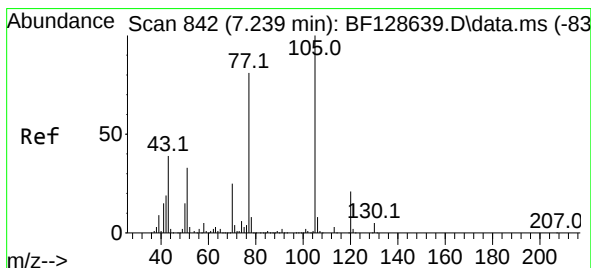
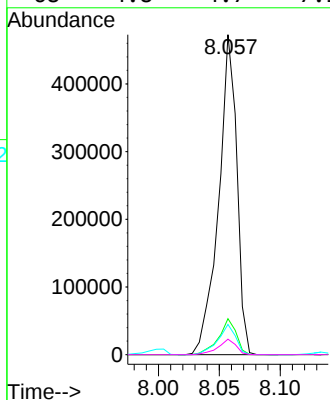
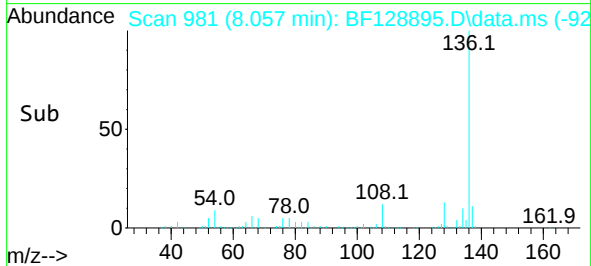


Tgt Ion:136 Resp: 492745
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 9.5 7.5 11.3
68 4.8 4.7 7.1

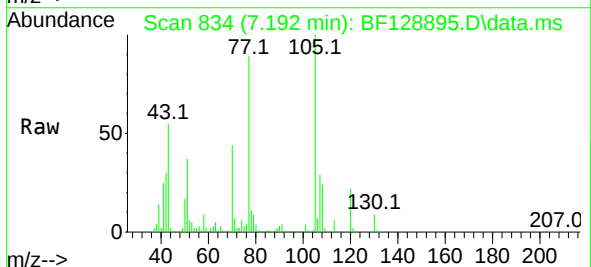
Manual Integrations

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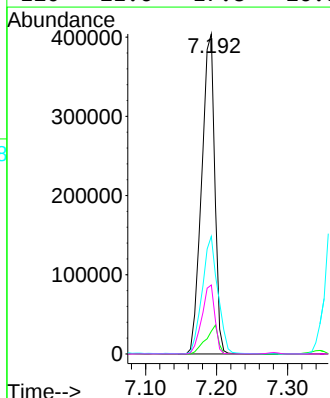
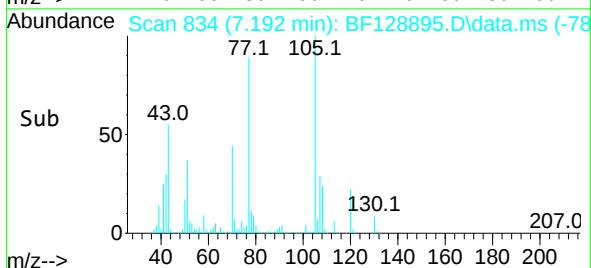
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022

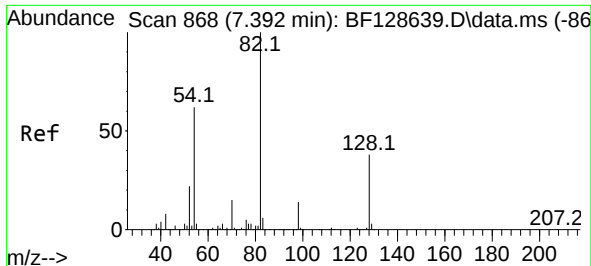


#22
Acetophenone
Concen: 40.323 ng
RT: 7.192 min Scan# 834
Delta R.T. 0.018 min
Lab File: BF128895.D
Acq: 21 Jun 2022 11:33



Tgt Ion:105 Resp: 519657
Ion Ratio Lower Upper
105 100
71 7.1 5.0 7.4
51 36.7 25.0 37.4
120 21.6 17.8 26.8





#23

Nitrobenzene-d5

Concen: 74.568 ng

RT: 7.345 min Scan# 80

Delta R.T. 0.018 min

Lab File: BF128895.D

Acq: 21 Jun 2022 11:33

Instrument :

BNA_F

ClientSampleId :

PB145632BS

Tgt Ion: 82 Resp: 78918

Ion Ratio Lower Upper

82 100

128 40.1 34.0 51.0

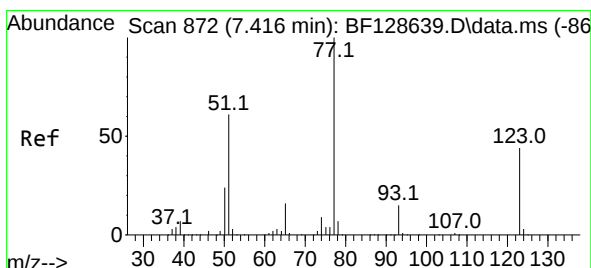
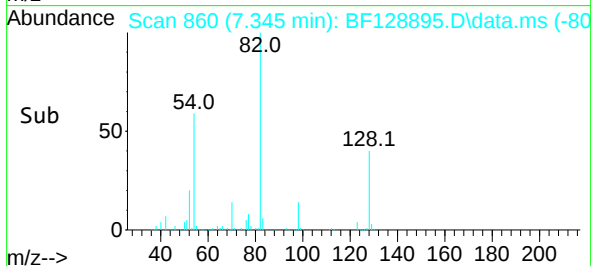
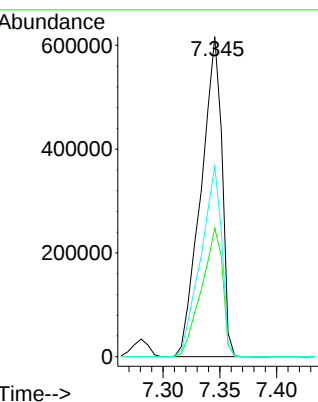
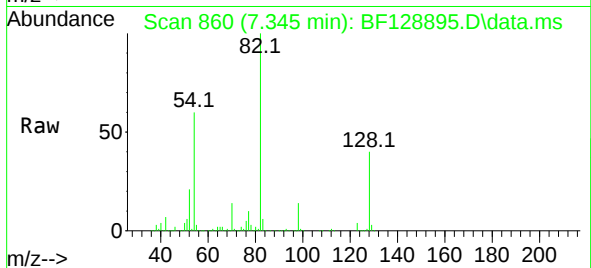
54 59.5 46.9 70.3

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Reviewed By :Christian Giraldo 06/22/2022

Supervised By :Jagrut Upadhyay 06/22/2022



#24

Nitrobenzene

Concen: 41.216 ng

RT: 7.363 min Scan# 863

Delta R.T. 0.018 min

Lab File: BF128895.D

Acq: 21 Jun 2022 11:33

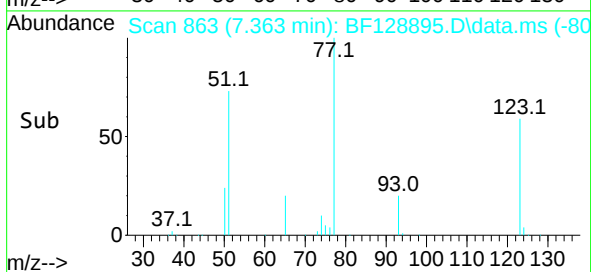
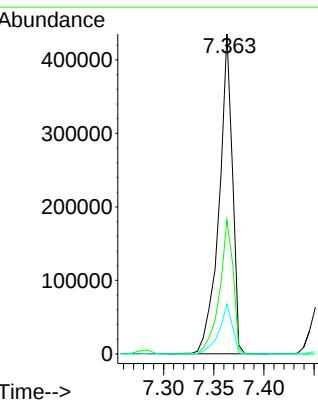
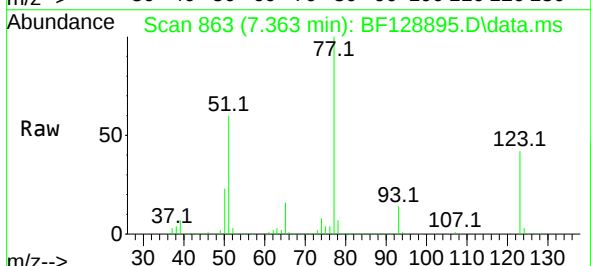
Tgt Ion: 77 Resp: 400469

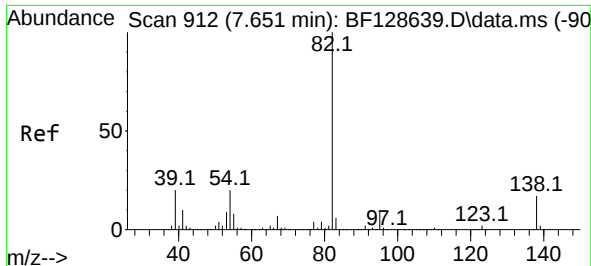
Ion Ratio Lower Upper

77 100

123 41.8 35.4 53.2

65 15.6 11.8 17.8





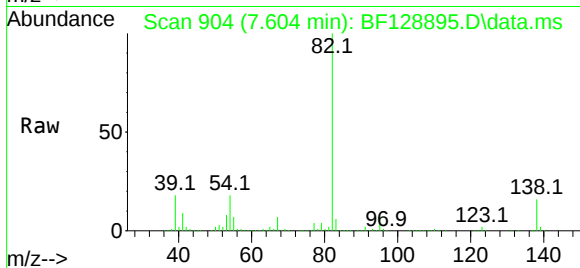
#25
Isophorone
Concen: 44.408 ng
RT: 7.604 min Scan# 904
Delta R.T. 0.018 min
Lab File: BF128895.D
Acq: 21 Jun 2022 11:33

Instrument :

BNA_F

ClientSampleId :

PB145632BS

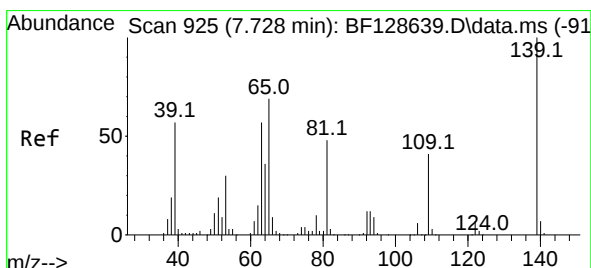
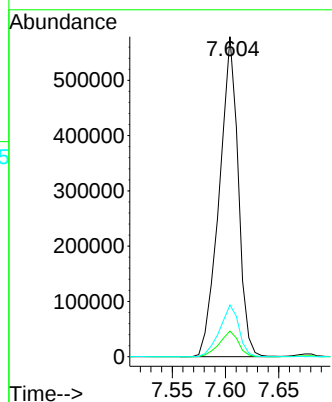
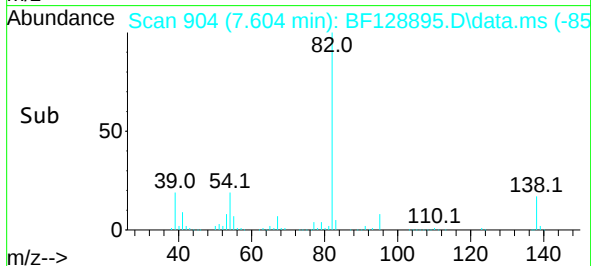


Tgt Ion: 82 Resp: 713790
Ion Ratio Lower Upper
82 100
95 8.0 5.7 8.5
138 16.2 14.2 21.2

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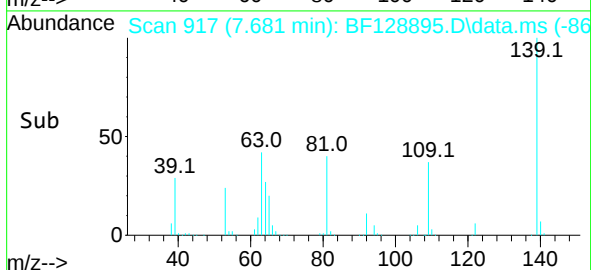
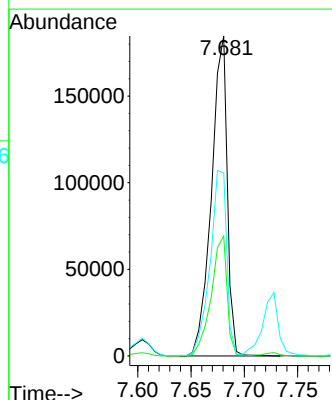
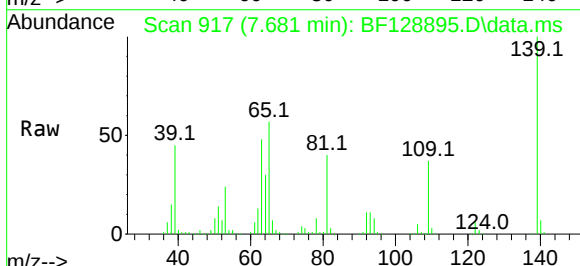
APPROVED

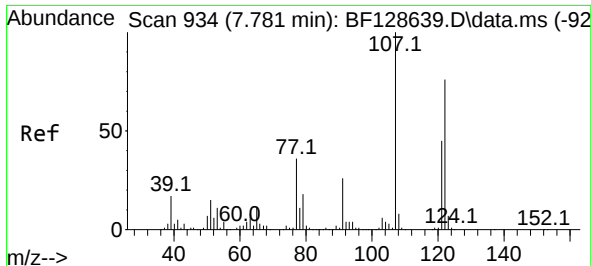
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022



#26
2-Nitrophenol
Concen: 44.699 ng
RT: 7.681 min Scan# 917
Delta R.T. 0.018 min
Lab File: BF128895.D
Acq: 21 Jun 2022 11:33

Tgt Ion:139 Resp: 191352
Ion Ratio Lower Upper
139 100
109 37.4 25.0 37.4#
65 57.3 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 48.850 ng

RT: 7.728 min Scan# 91

Delta R.T. 0.024 min

Lab File: BF128895.D

Acq: 21 Jun 2022 11:33

Instrument :

BNA_F

ClientSampleId :

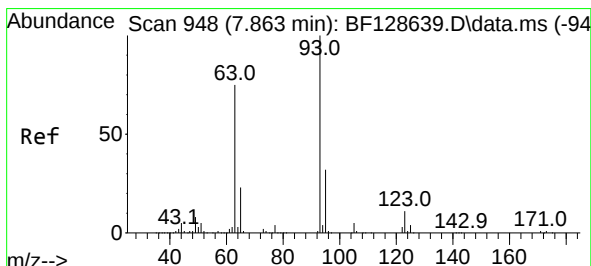
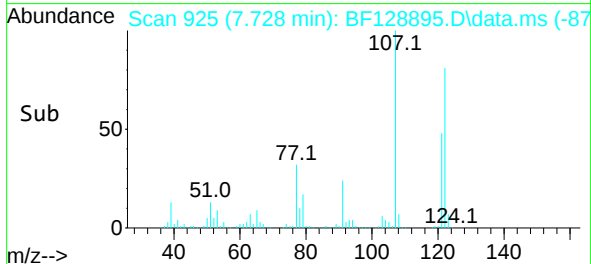
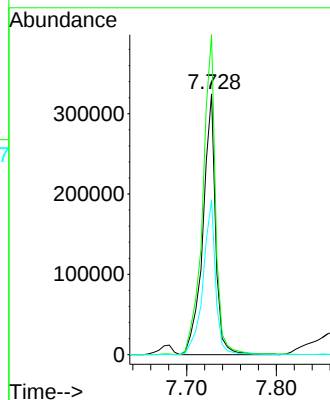
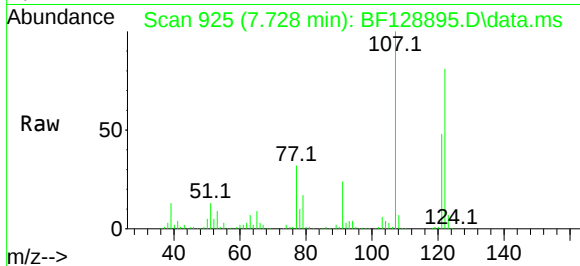
PB145632BS

Tgt Ion:122 Resp: 318550
 Ion Ratio Lower Upper
 122 100
 107 122.7 93.0 139.6
 121 59.4 46.6 70.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/22/2022
 Supervised By :Jagrut Upadhyay 06/22/2022



#28

bis(2-Chloroethoxy)methane

Concen: 40.534 ng

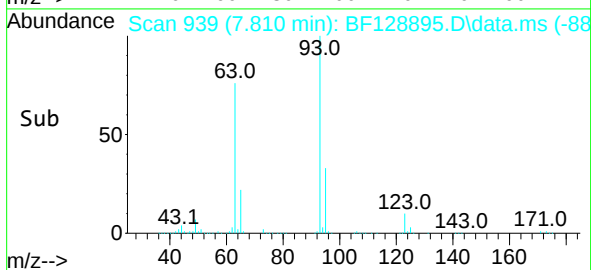
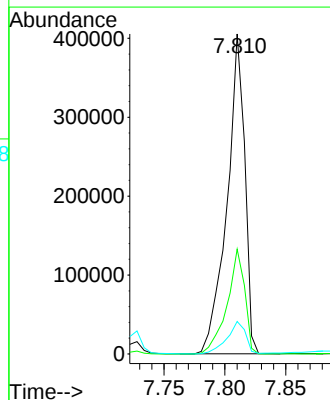
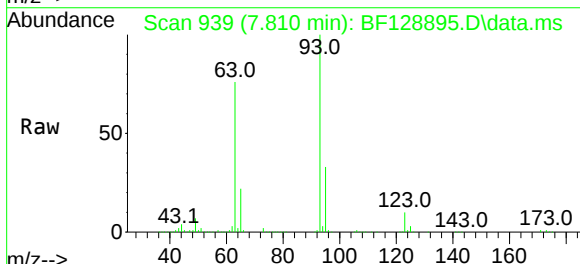
RT: 7.810 min Scan# 939

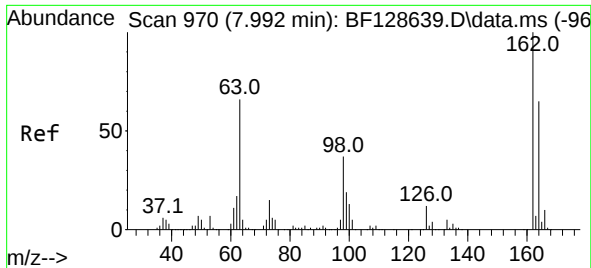
Delta R.T. 0.018 min

Lab File: BF128895.D

Acq: 21 Jun 2022 11:33

Tgt Ion: 93 Resp: 411874
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.8 40.2
 123 10.1 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 40.544 ng

RT: 7.934 min Scan# 90

Delta R.T. 0.024 min

Lab File: BF128895.D

Acq: 21 Jun 2022 11:33

Instrument :

BNA_F

ClientSampleId :

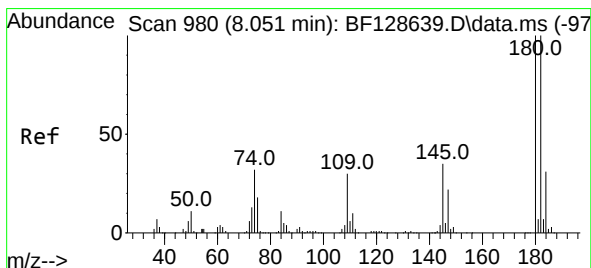
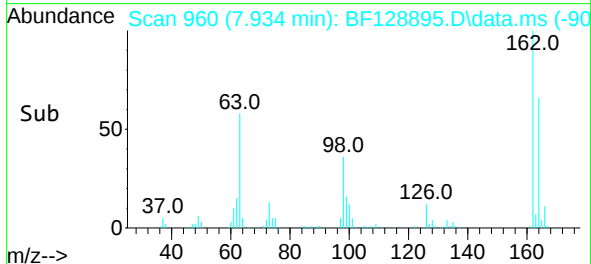
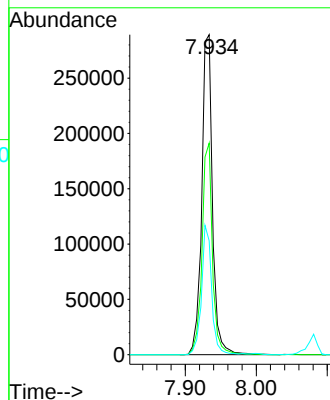
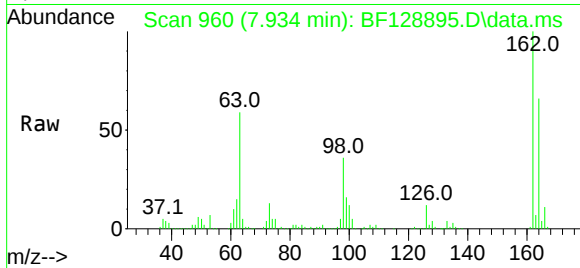
PB145632BS

Tgt Ion:162 Resp: 306000
 Ion Ratio Lower Upper
 162 100
 164 66.1 44.2 84.2
 98 35.6 19.6 59.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/22/2022
 Supervised By :Jagrut Upadhyay 06/22/2022



#30

1,2,4-Trichlorobenzene

Concen: 39.780 ng

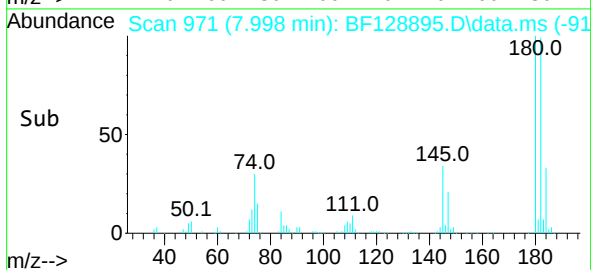
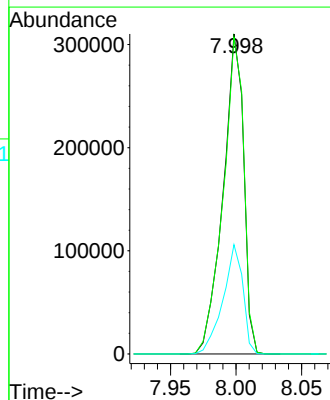
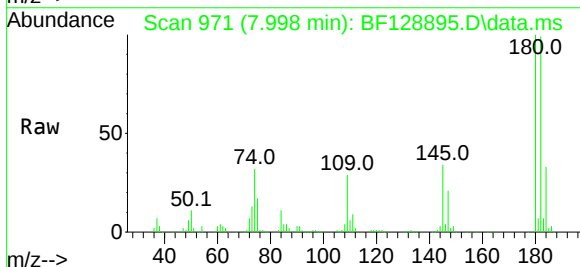
RT: 7.998 min Scan# 971

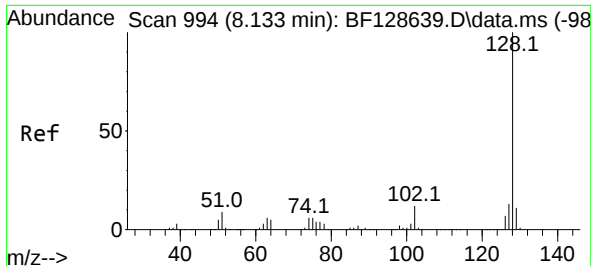
Delta R.T. 0.018 min

Lab File: BF128895.D

Acq: 21 Jun 2022 11:33

Tgt Ion:180 Resp: 338061
 Ion Ratio Lower Upper
 180 100
 182 98.9 79.2 118.8
 145 34.2 26.2 39.2





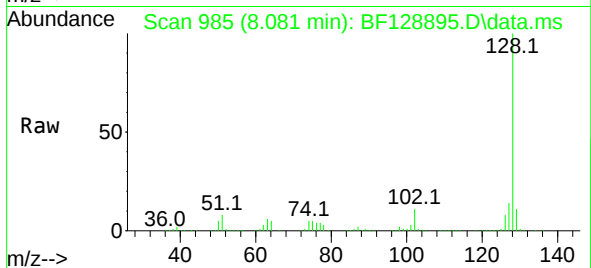
#31
Naphthalene
Concen: 40.888 ng
RT: 8.081 min Scan# 91
Delta R.T. 0.018 min
Lab File: BF128895.D
Acq: 21 Jun 2022 11:33

Instrument :

BNA_F

ClientSampleId :

PB145632BS

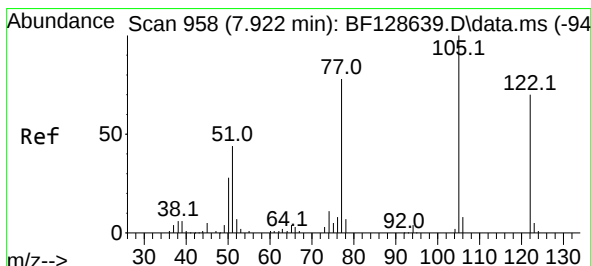
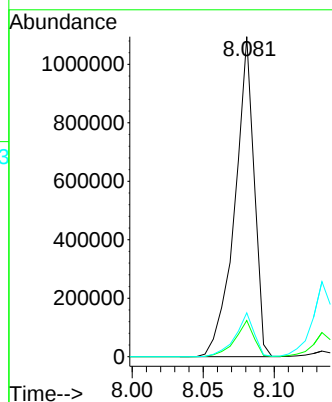


Tgt Ion:128 Resp: 1033964
Ion Ratio Lower Upper
128 100
129 11.3 9.2 13.8
127 13.7 10.5 15.7

Manual Integrations

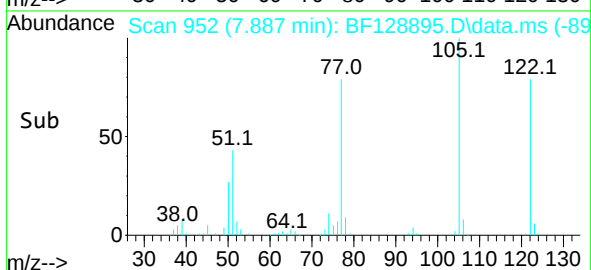
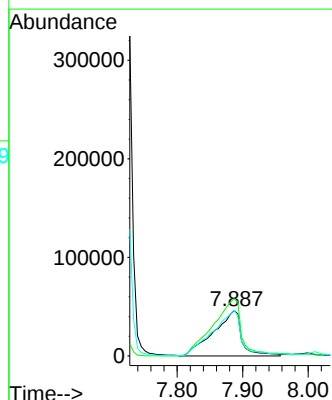
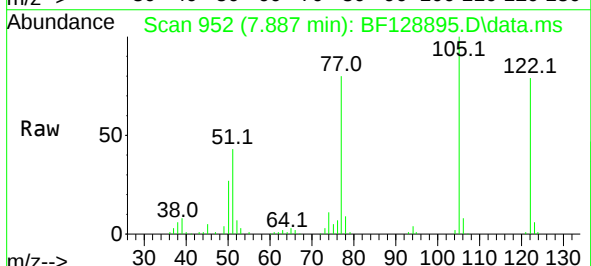
APPROVED

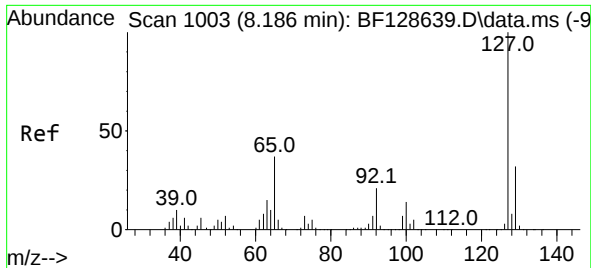
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022



#32
Benzoic acid
Concen: 29.732 ng
RT: 7.887 min Scan# 952
Delta R.T. 0.024 min
Lab File: BF128895.D
Acq: 21 Jun 2022 11:33

Tgt Ion:122 Resp: 137558
Ion Ratio Lower Upper
122 100
105 126.8 107.1 147.1
77 100.9 74.2 114.2





#33
4-Chloroaniline
Concen: 30.029 ng
RT: 8.134 min Scan# 94
Delta R.T. 0.018 min
Lab File: BF128895.D
Acq: 21 Jun 2022 11:33

Instrument :

BNA_F

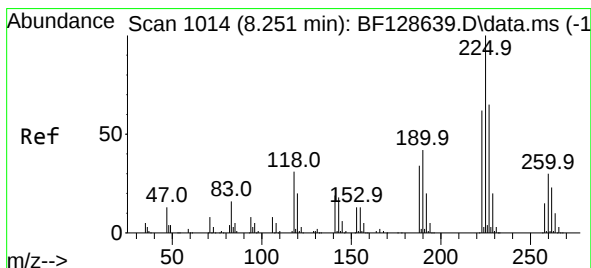
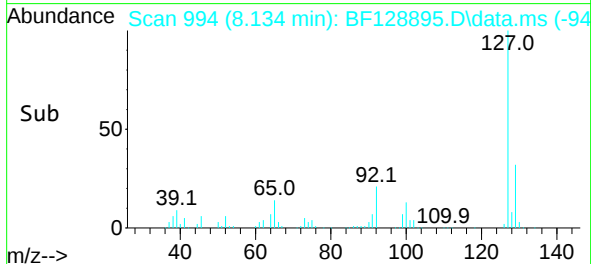
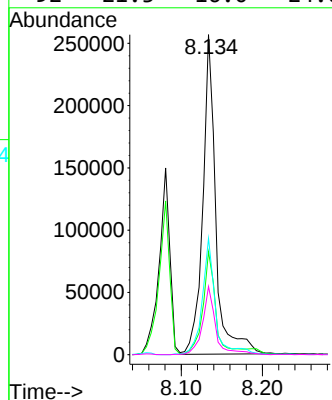
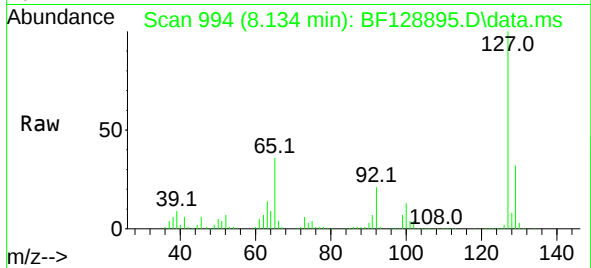
ClientSampleId :

PB145632BS

Tgt Ion:127 Resp: 286302
Ion Ratio Lower Upper
127 100
129 32.2 26.4 39.6
65 36.4 26.4 39.6
92 21.3 16.0 24.0

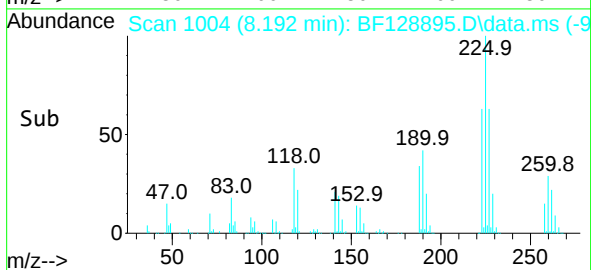
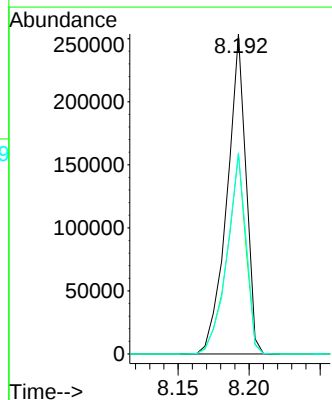
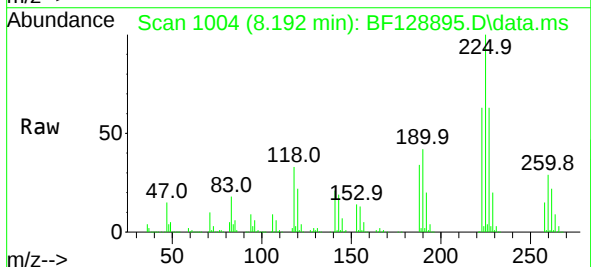
Manual Integrations
APPROVED

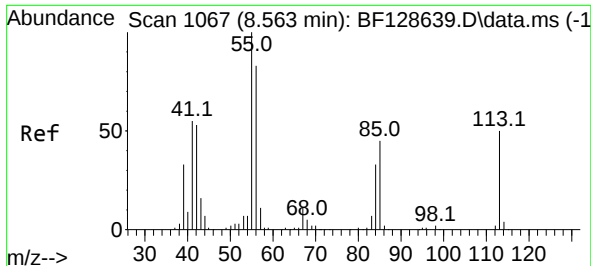
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022



#34
Hexachlorobutadiene
Concen: 38.959 ng
RT: 8.192 min Scan# 1004
Delta R.T. 0.018 min
Lab File: BF128895.D
Acq: 21 Jun 2022 11:33

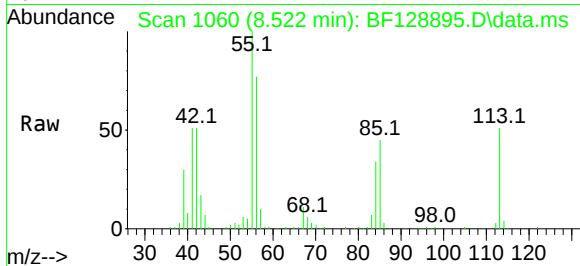
Tgt Ion:225 Resp: 234802
Ion Ratio Lower Upper
225 100
223 62.7 51.0 76.6
227 62.9 51.1 76.7





#35
Caprolactam
Concen: 36.737 ng m
RT: 8.522 min Scan# 1060
Delta R.T. 0.024 min
Lab File: BF128895.D
Acq: 21 Jun 2022 11:33

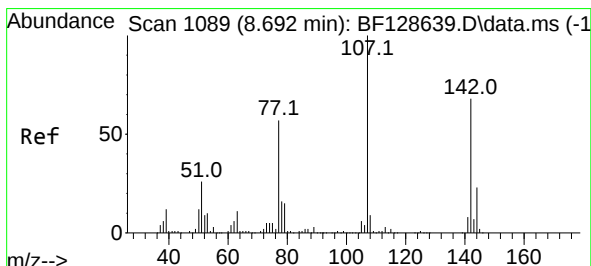
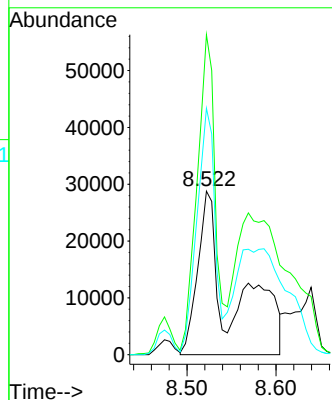
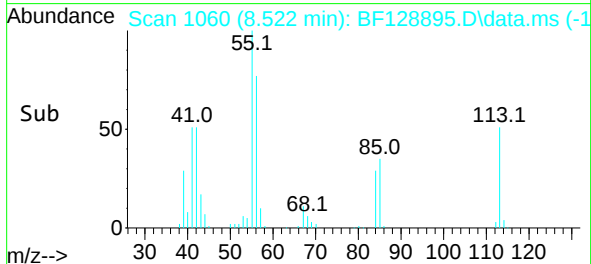
Instrument :
BNA_F
ClientSampleId :
PB145632BS



Tgt Ion:113 Resp: 7667
Ion Ratio Lower Upper
113 100
55 195.6 188.5 228.5
56 150.6 130.6 170.6

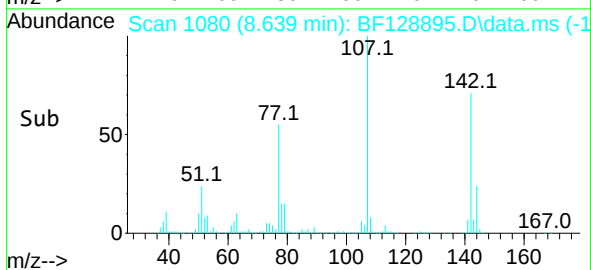
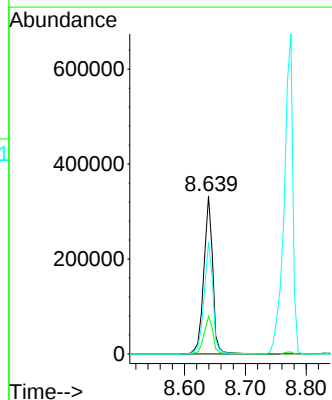
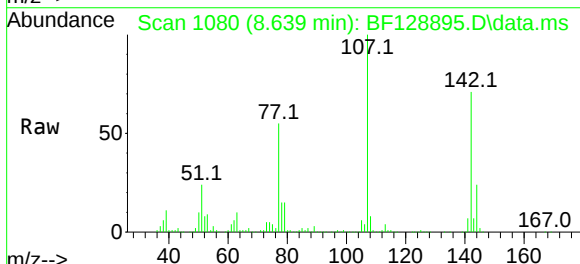
Manual Integrations
APPROVED

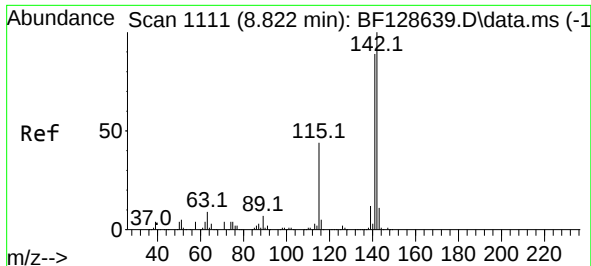
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022



#36
4-Chloro-3-methylphenol
Concen: 41.011 ng
RT: 8.639 min Scan# 1080
Delta R.T. 0.024 min
Lab File: BF128895.D
Acq: 21 Jun 2022 11:33

Tgt Ion:107 Resp: 337800
Ion Ratio Lower Upper
107 100
144 23.7 19.5 29.3
142 70.9 58.2 87.4





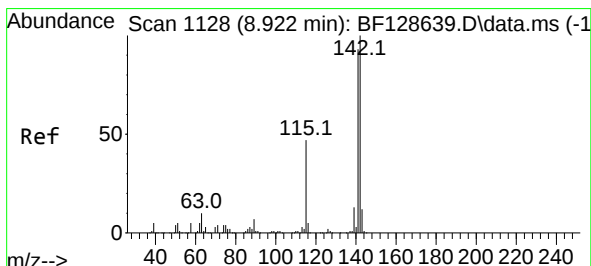
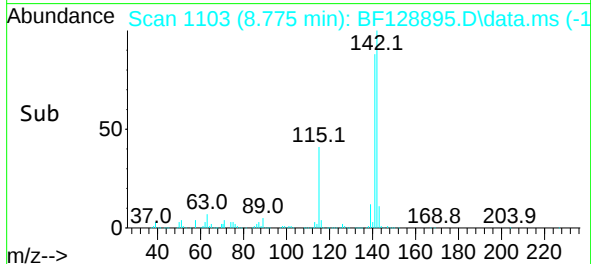
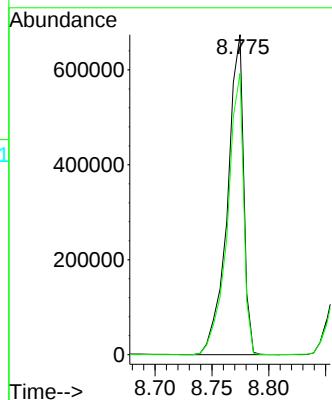
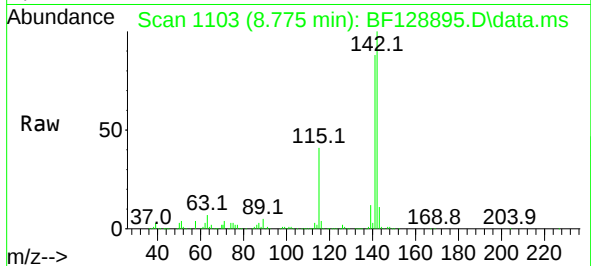
#37
2-Methylnaphthalene
Concen: 41.654 ng
RT: 8.775 min Scan# 1110
Delta R.T. 0.024 min
Lab File: BF128895.D
Acq: 21 Jun 2022 11:33

Instrument :
BNA_F
ClientSampleId :
PB145632BS

Tgt Ion:142 Resp: 66999
Ion Ratio Lower Upper
142 100
141 87.9 71.0 106.4

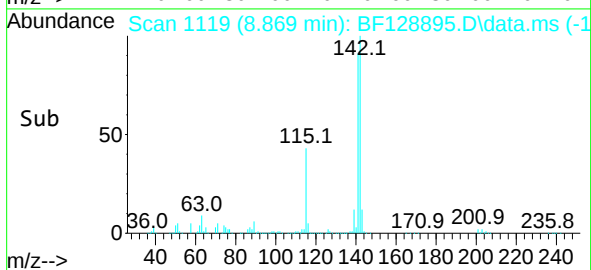
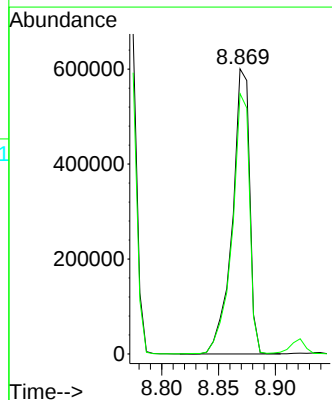
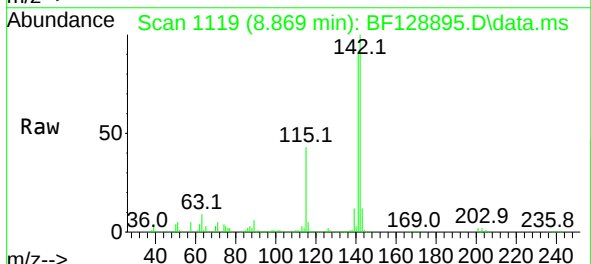
Manual Integrations
APPROVED

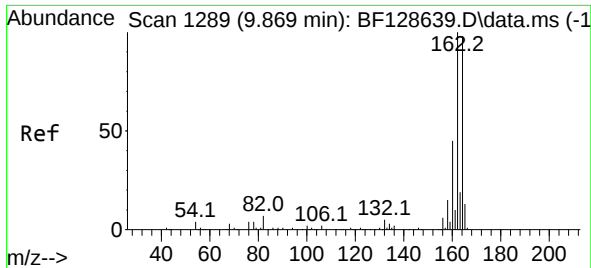
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022



#38
1-Methylnaphthalene
Concen: 40.912 ng
RT: 8.869 min Scan# 1119
Delta R.T. 0.018 min
Lab File: BF128895.D
Acq: 21 Jun 2022 11:33

Tgt Ion:142 Resp: 635785
Ion Ratio Lower Upper
142 100
141 91.3 74.2 111.4





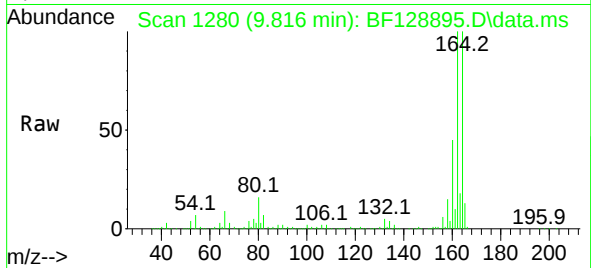
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1130
Delta R.T. 0.024 min
Lab File: BF128895.D
Acq: 21 Jun 2022 11:33

Instrument :

BNA_F

ClientSampleId :

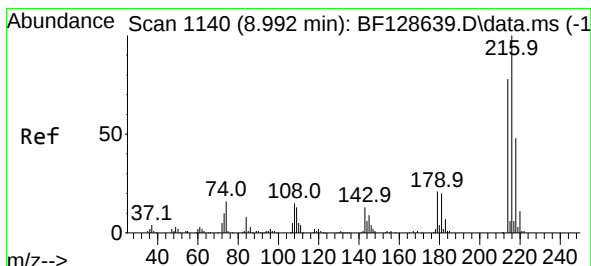
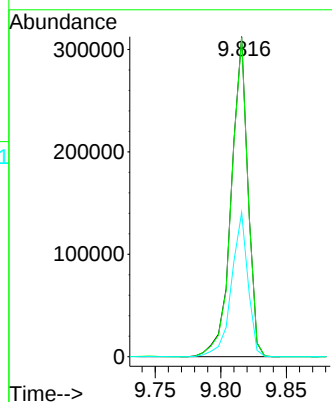
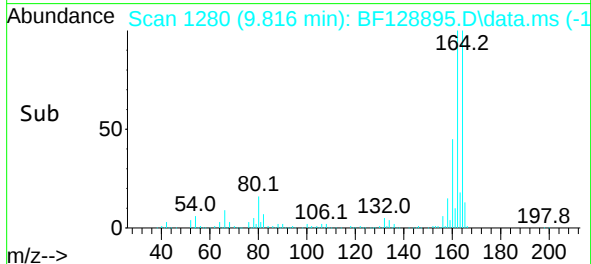
PB145632BS



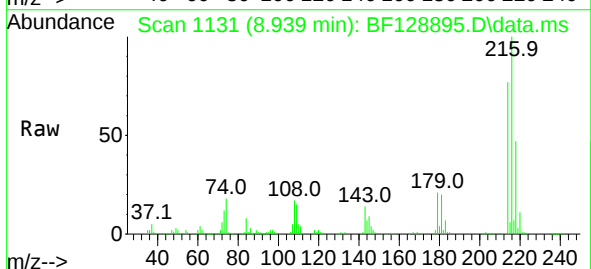
Tgt Ion:164 Resp: 27429
Ion Ratio Lower Upper
164 100
162 99.7 79.5 119.3
160 45.1 34.2 51.4

Manual Integrations
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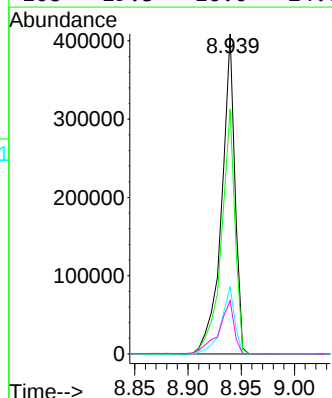
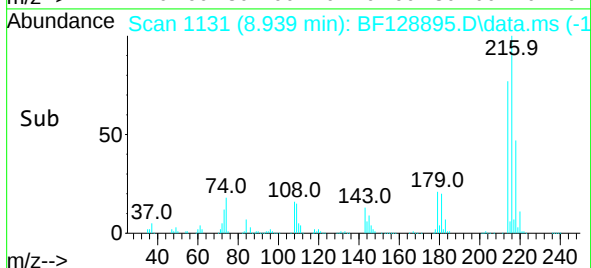
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.550 ng
RT: 8.939 min Scan# 1131
Delta R.T. 0.018 min
Lab File: BF128895.D
Acq: 21 Jun 2022 11:33



Tgt Ion:216 Resp: 353954
Ion Ratio Lower Upper
216 100
214 77.9 63.6 95.4
179 21.1 17.0 25.6
108 19.3 16.0 24.0





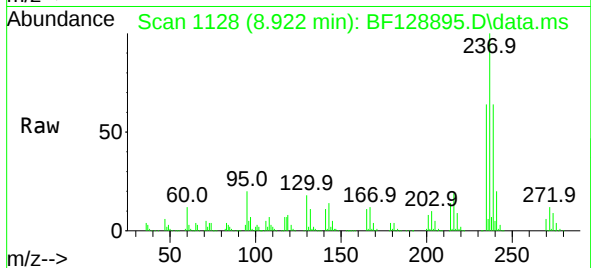
#41
Hexachlorocyclopentadiene
Concen: 47.123 ng
RT: 8.922 min Scan# 1137
Delta R.T. 0.018 min
Lab File: BF128895.D
Acq: 21 Jun 2022 11:33

Instrument :

BNA_F

ClientSampleId :

PB145632BS

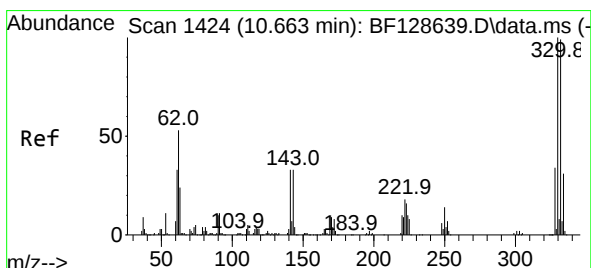
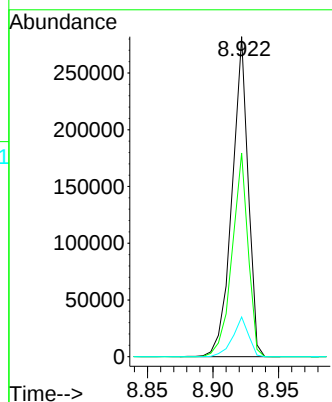


Tgt Ion:237 Resp: 241298
Ion Ratio Lower Upper
237 100
235 63.6 43.2 83.2
272 12.4 0.0 31.9

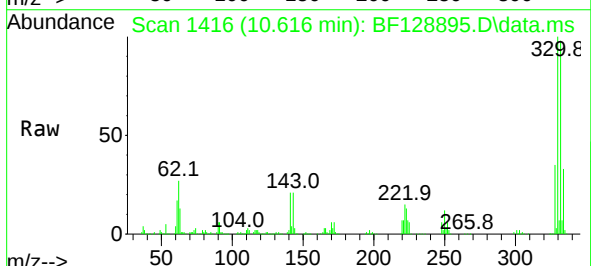
Manual Integrations

APPROVED

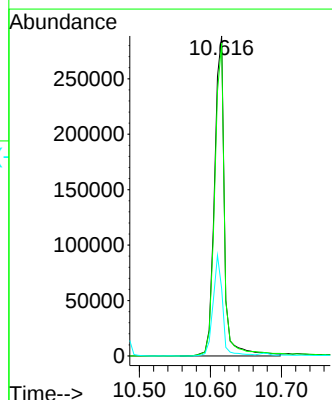
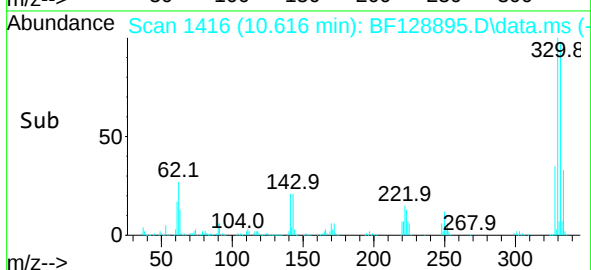
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022

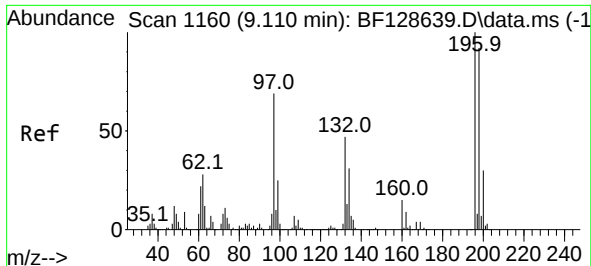


#42
2,4,6-Tribromophenol
Concen: 87.188 ng
RT: 10.616 min Scan# 1416
Delta R.T. 0.030 min
Lab File: BF128895.D
Acq: 21 Jun 2022 11:33



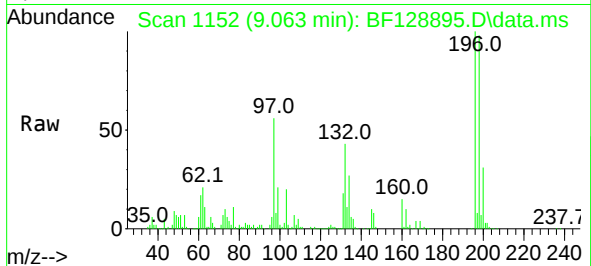
Tgt Ion:330 Resp: 282565
Ion Ratio Lower Upper
330 100
332 96.5 76.8 115.2
141 29.9 28.0 42.0





#43
2,4,6-Trichlorophenol
Concen: 34.565 ng
RT: 9.063 min Scan# 1160
Delta R.T. 0.024 min
Lab File: BF128895.D
Acq: 21 Jun 2022 11:33

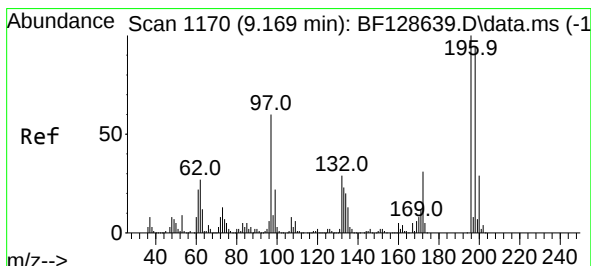
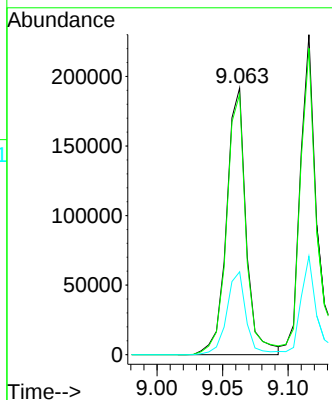
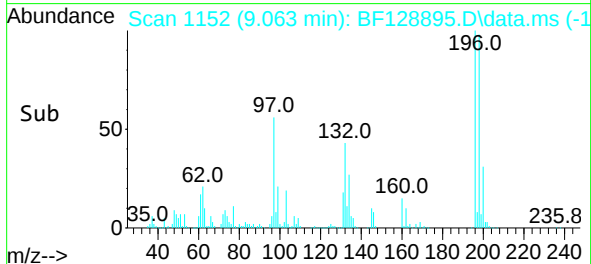
Instrument :
BNA_F
ClientSampleId :
PB145632BS



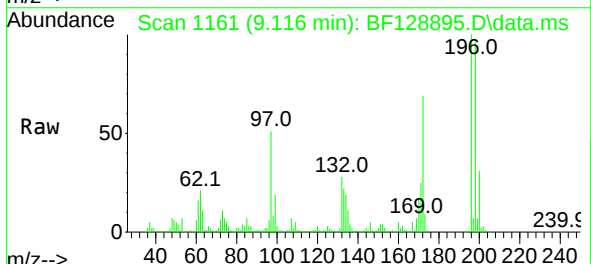
Tgt Ion:196 Resp: 199119
Ion Ratio Lower Upper
196 100
198 97.7 74.0 111.0
200 31.1 24.1 36.1

Manual Integrations
APPROVED

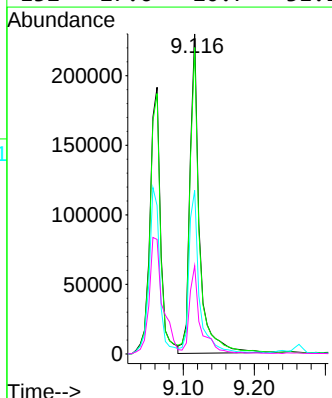
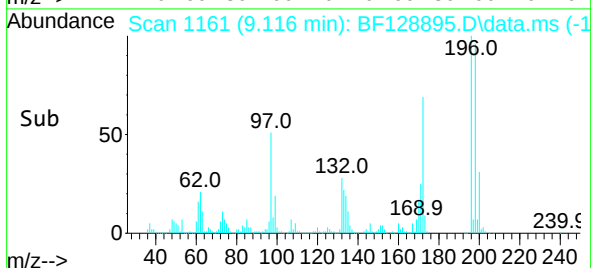
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022

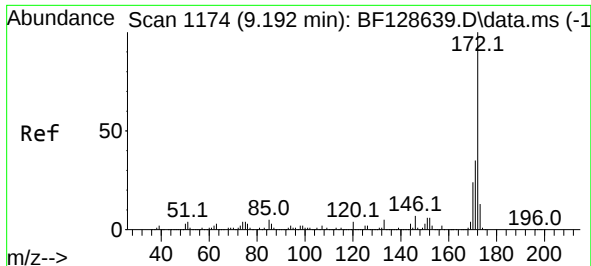


#44
2,4,5-Trichlorophenol
Concen: 36.172 ng
RT: 9.116 min Scan# 1161
Delta R.T. 0.024 min
Lab File: BF128895.D
Acq: 21 Jun 2022 11:33



Tgt Ion:196 Resp: 215343
Ion Ratio Lower Upper
196 100
198 95.8 75.7 113.5
97 51.1 36.4 54.6
132 27.6 20.7 31.1





#45

2-Fluorobiphenyl

Concen: 76.340 ng

RT: 9.139 min Scan# 1174

Delta R.T. 0.024 min

Lab File: BF128895.D

Acq: 21 Jun 2022 11:33

Instrument :

BNA_F

ClientSampleId :

PB145632BS

Tgt Ion:172 Resp: 149480

Ion Ratio Lower Upper

172 100

171 35.1 28.8 43.2

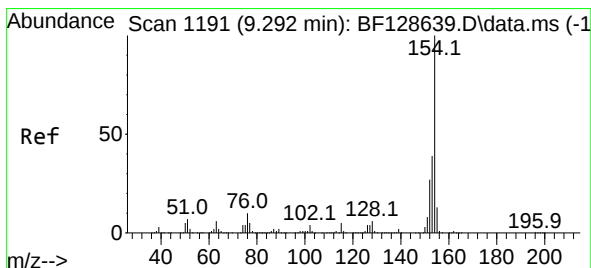
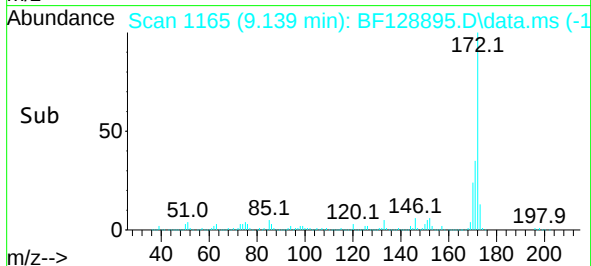
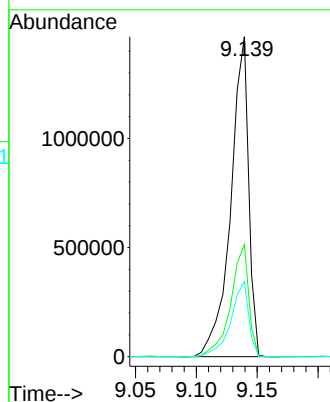
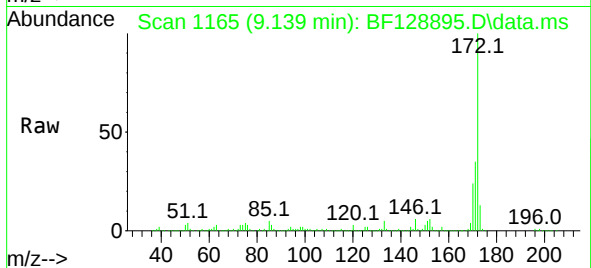
170 23.5 19.8 29.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/22/2022

Supervised By :Jagrut Upadhyay 06/22/2022



#46

1,1'-Biphenyl

Concen: 40.936 ng

RT: 9.239 min Scan# 1182

Delta R.T. 0.024 min

Lab File: BF128895.D

Acq: 21 Jun 2022 11:33

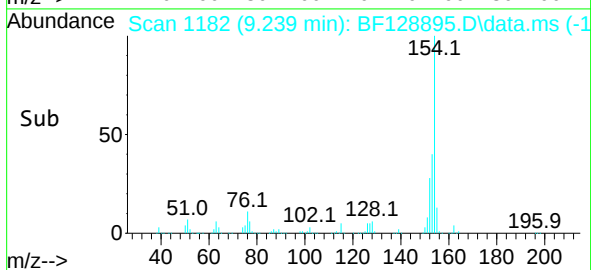
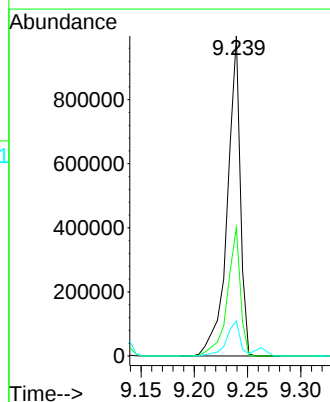
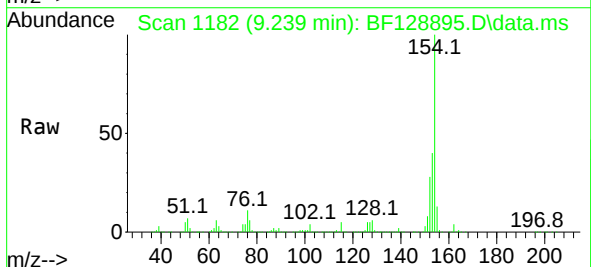
Tgt Ion:154 Resp: 842481

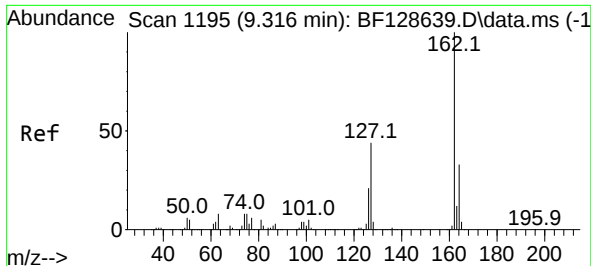
Ion Ratio Lower Upper

154 100

153 40.1 20.6 60.6

76 10.9 0.0 33.3





#47
2-Chloronaphthalene
Concen: 41.358 ng
RT: 9.263 min Scan# 1195
Delta R.T. 0.018 min
Lab File: BF128895.D
Acq: 21 Jun 2022 11:33

Instrument :

BNA_F

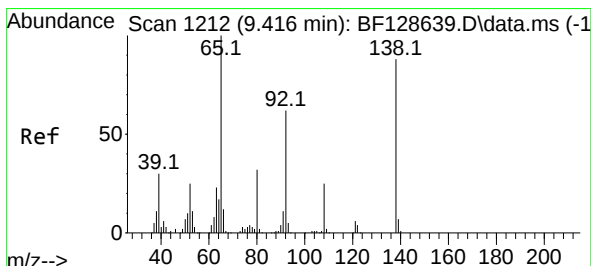
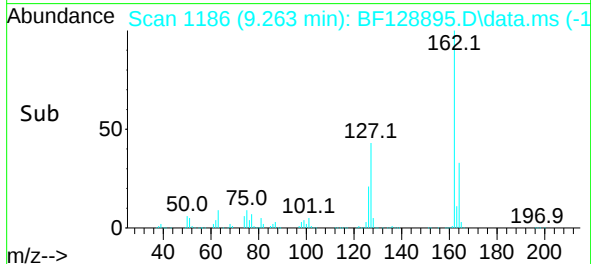
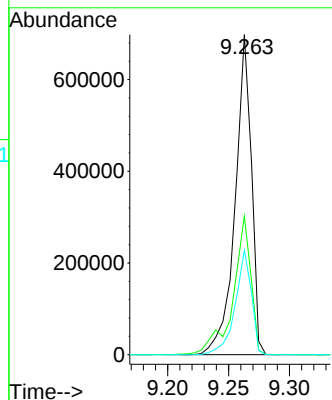
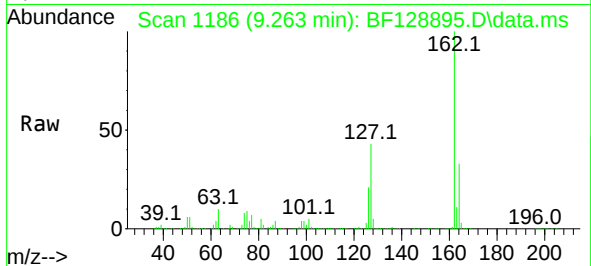
ClientSampleId :

PB145632BS

Tgt Ion:162 Resp: 649480
Ion Ratio Lower Upper
162 100
127 43.4 34.5 51.7
164 32.7 26.5 39.7

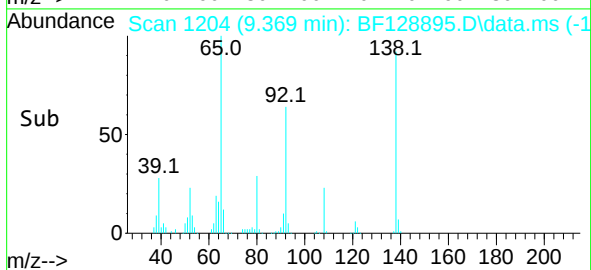
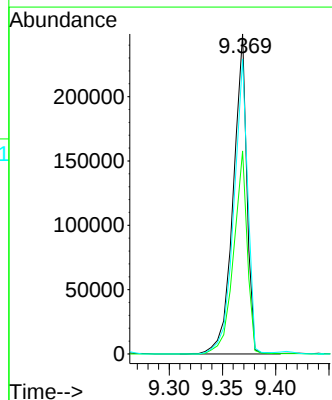
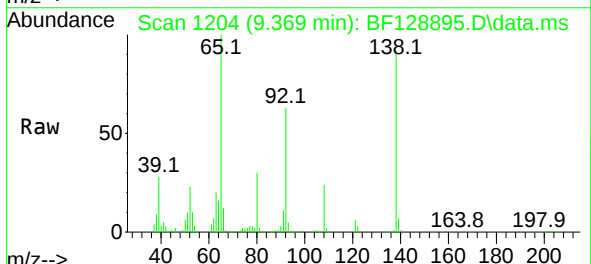
Manual Integrations
APPROVED

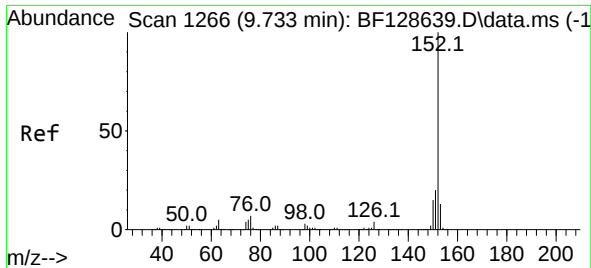
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022



#48
2-Nitroaniline
Concen: 41.508 ng
RT: 9.369 min Scan# 1204
Delta R.T. 0.024 min
Lab File: BF128895.D
Acq: 21 Jun 2022 11:33

Tgt Ion: 65 Resp: 222902
Ion Ratio Lower Upper
65 100
92 63.5 51.9 77.9
138 92.2 76.4 114.6





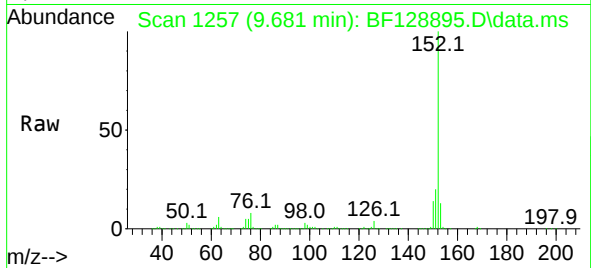
#49
Acenaphthylene
Concen: 42.319 ng
RT: 9.681 min Scan# 11
Delta R.T. 0.024 min
Lab File: BF128895.D
Acq: 21 Jun 2022 11:33

Instrument :

BNA_F

ClientSampleId :

PB145632BS

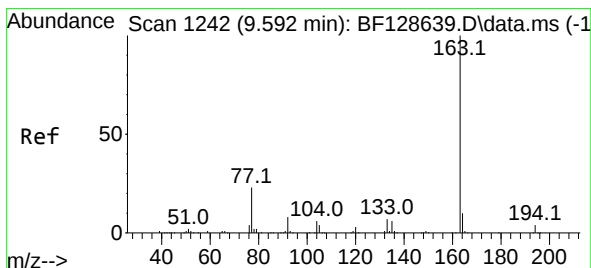
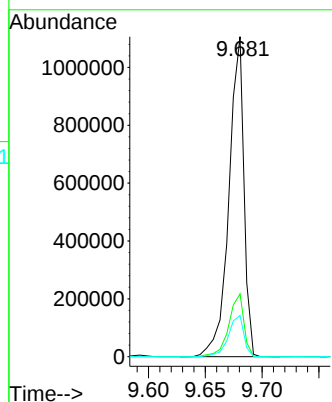


Tgt Ion:152 Resp: 1017409
Ion Ratio Lower Upper
152 100
151 19.7 16.2 24.4
153 12.8 10.7 16.1

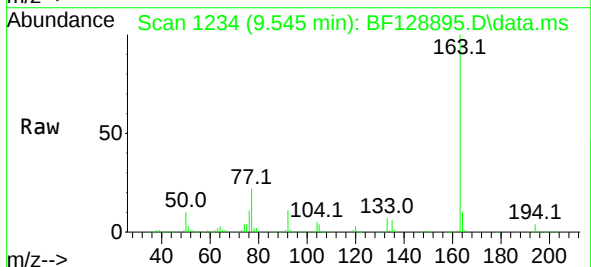
Manual Integrations

APPROVED

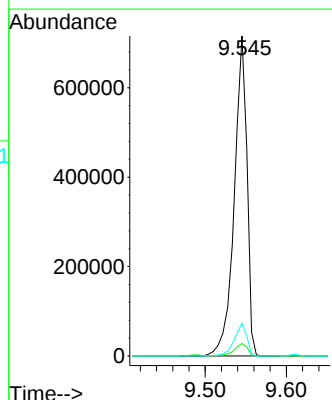
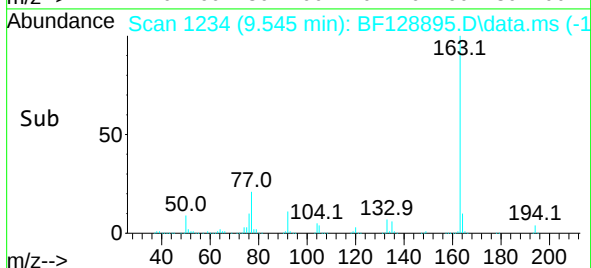
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022

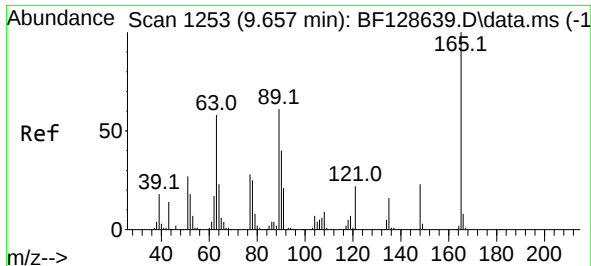


#50
Dimethylphthalate
Concen: 41.387 ng
RT: 9.545 min Scan# 1234
Delta R.T. 0.024 min
Lab File: BF128895.D
Acq: 21 Jun 2022 11:33



Tgt Ion:163 Resp: 777029
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.2 8.2 12.2





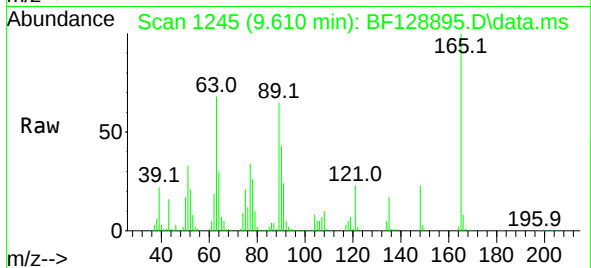
#51
2,6-Dinitrotoluene
Concen: 45.129 ng
RT: 9.610 min Scan# 1245
Delta R.T. 0.024 min
Lab File: BF128895.D
Acq: 21 Jun 2022 11:33

Instrument :

BNA_F

ClientSampleId :

PB145632BS

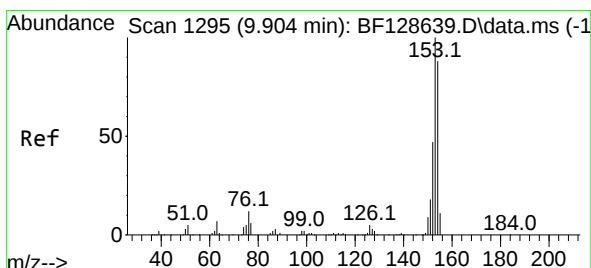
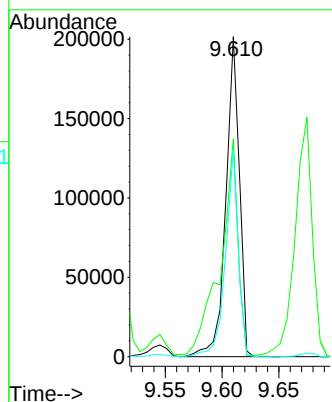
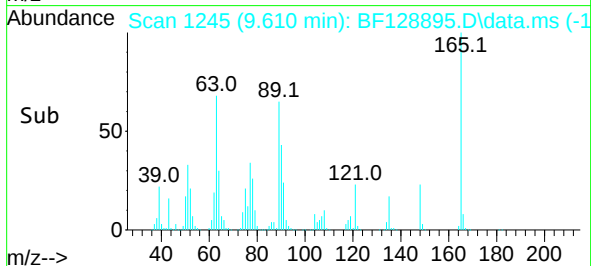


Tgt Ion:165 Resp: 167228
Ion Ratio Lower Upper
165 100
63 68.1 44.9 67.3
89 64.7 43.6 65.4

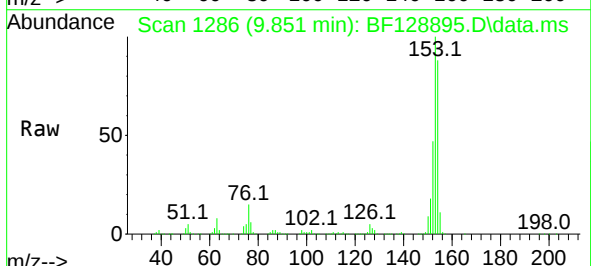
Manual Integrations

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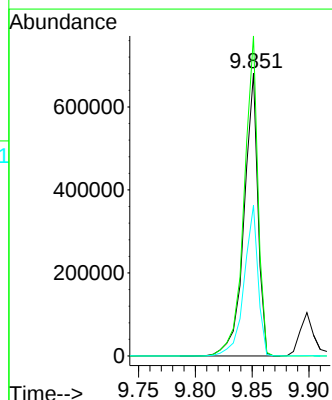
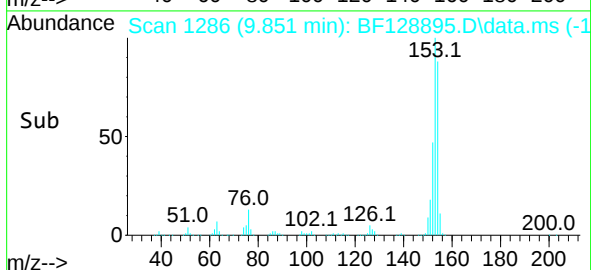
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022

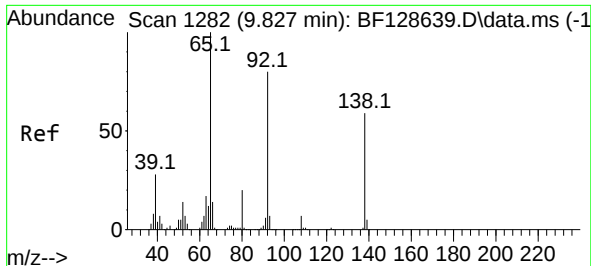


#52
Acenaphthene
Concen: 37.041 ng
RT: 9.851 min Scan# 1286
Delta R.T. 0.024 min
Lab File: BF128895.D
Acq: 21 Jun 2022 11:33



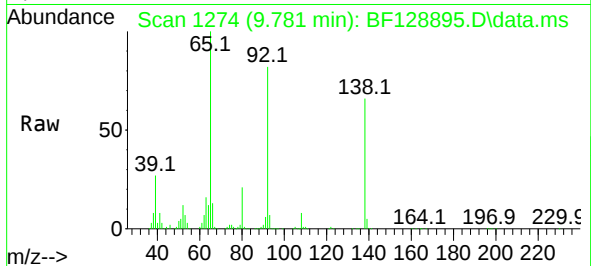
Tgt Ion:154 Resp: 579917
Ion Ratio Lower Upper
154 100
153 113.2 89.6 134.4
152 53.3 42.4 63.6





#53
3-Nitroaniline
Concen: 31.285 ng
RT: 9.781 min Scan# 1274
Delta R.T. 0.018 min
Lab File: BF128895.D
Acq: 21 Jun 2022 11:33

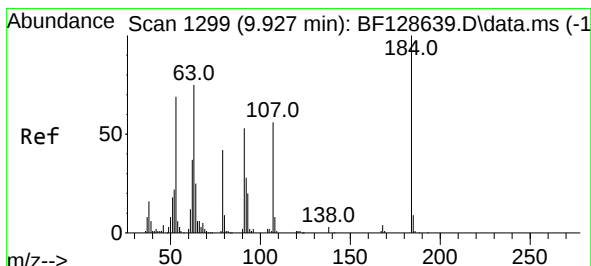
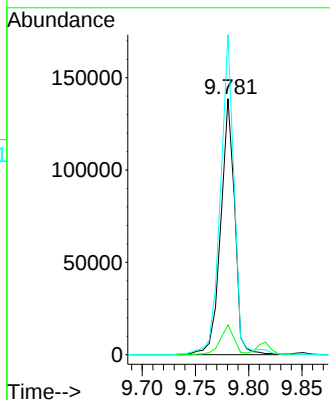
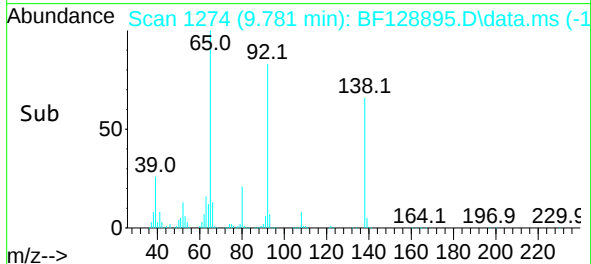
Instrument :
BNA_F
ClientSampleId :
PB145632BS



Tgt Ion:138 Resp: 125819
Ion Ratio Lower Upper
138 100
108 11.7 10.9 16.3
92 125.0 98.2 147.2

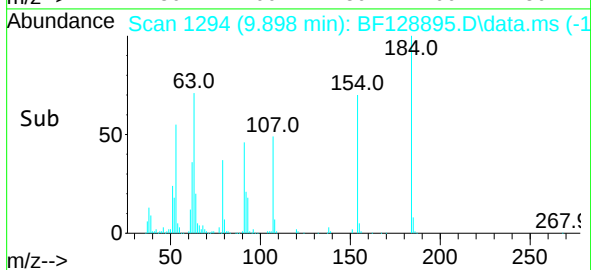
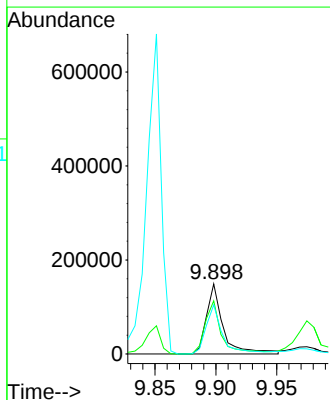
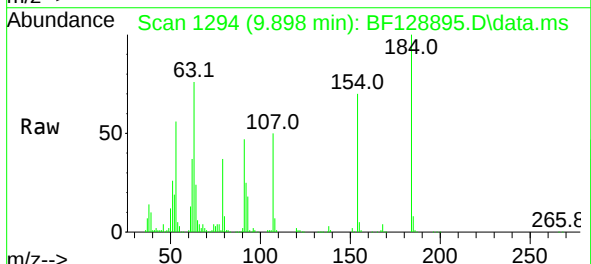
Manual Integrations
APPROVED

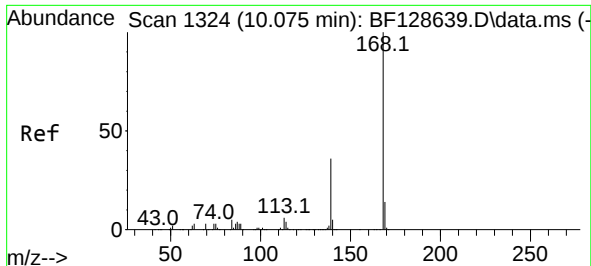
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022



#54
2,4-Dinitrophenol
Concen: 69.101 ng
RT: 9.898 min Scan# 1294
Delta R.T. 0.024 min
Lab File: BF128895.D
Acq: 21 Jun 2022 11:33

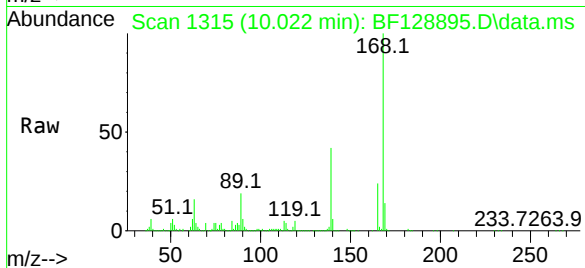
Tgt Ion:184 Resp: 142622
Ion Ratio Lower Upper
184 100
63 75.9 64.5 96.7
154 70.1 50.6 75.8





#55
Dibenzenofuran
Concen: 38.512 ng
RT: 10.022 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF128895.D
Acq: 21 Jun 2022 11:33

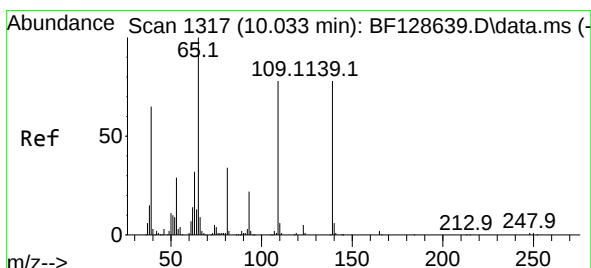
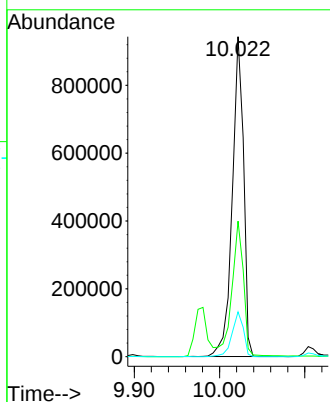
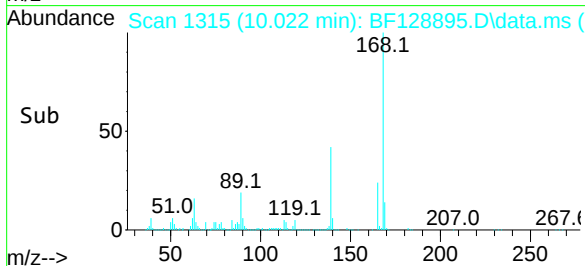
Instrument :
BNA_F
ClientSampleId :
PB145632BS



Tgt Ion:168 Resp: 86655
Ion Ratio Lower Upper
168 100
139 42.3 30.6 46.0
169 14.0 11.0 16.6

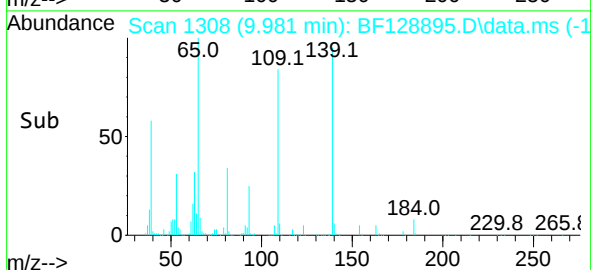
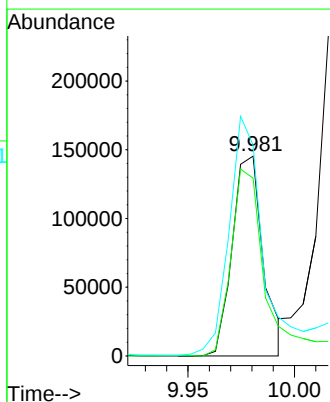
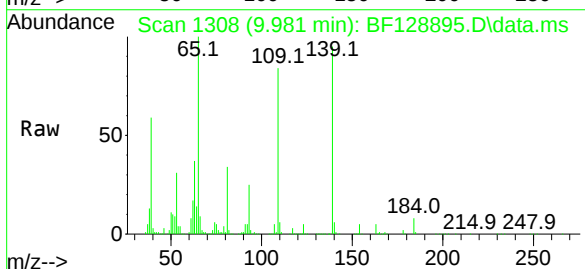
Manual Integrations
APPROVED

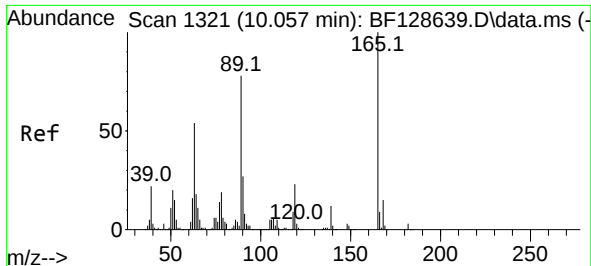
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022



#56
4-Nitrophenol
Concen: 50.464 ng
RT: 9.981 min Scan# 1308
Delta R.T. 0.029 min
Lab File: BF128895.D
Acq: 21 Jun 2022 11:33

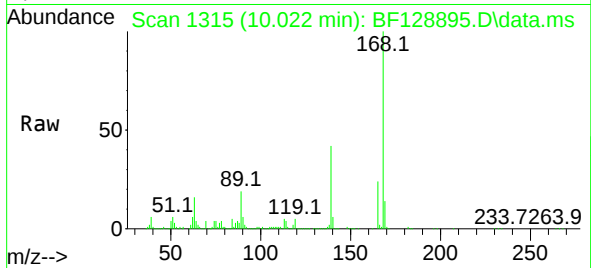
Tgt Ion:139 Resp: 147114
Ion Ratio Lower Upper
139 100
109 88.9 50.7 90.7
65 105.5 74.5 114.5





#57
2,4-Dinitrotoluene
Concen: 43.994 ng
RT: 10.022 min Scan# 11
Delta R.T. 0.030 min
Lab File: BF128895.D
Acq: 21 Jun 2022 11:33

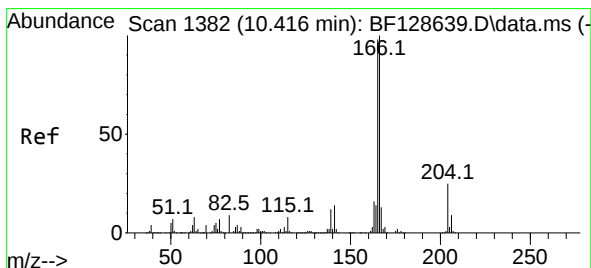
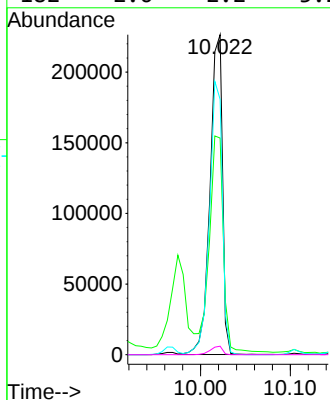
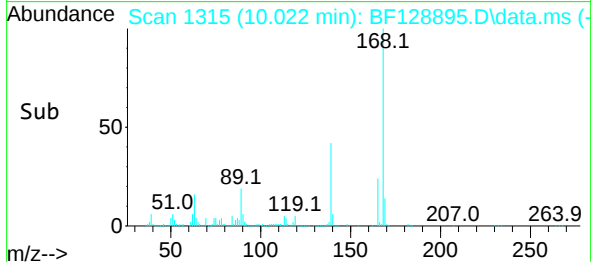
Instrument :
BNA_F
ClientSampleId :
PB145632BS



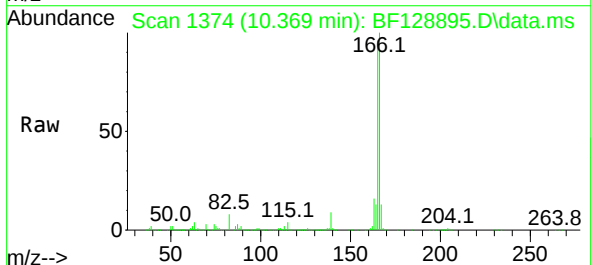
Tgt Ion:165 Resp: 21756
Ion Ratio Lower Upper
165 100
63 67.7 39.8 59.6
89 79.8 60.2 90.2
182 2.6 2.2 3.2

Manual Integrations
APPROVED

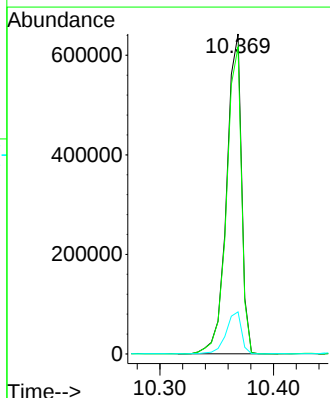
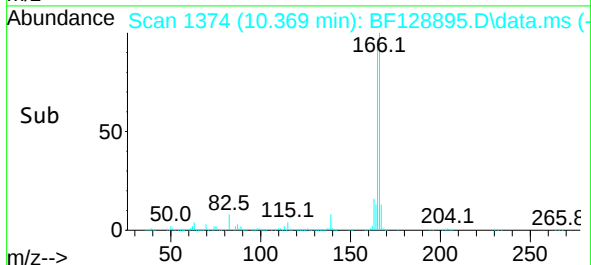
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022

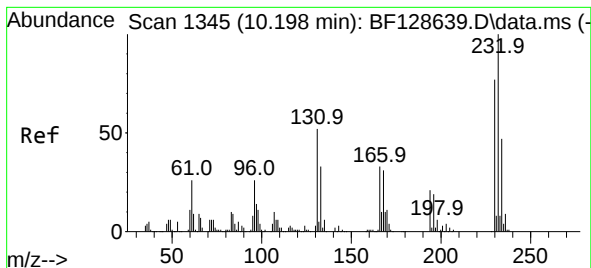


#58
Fluorene
Concen: 33.599 ng
RT: 10.369 min Scan# 1374
Delta R.T. 0.024 min
Lab File: BF128895.D
Acq: 21 Jun 2022 11:33



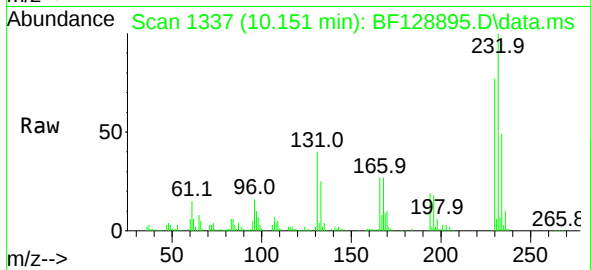
Tgt Ion:166 Resp: 586291
Ion Ratio Lower Upper
166 100
165 95.9 78.1 117.1
167 13.2 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 27.536 ng
RT: 10.151 min Scan# 1337
Delta R.T. 0.024 min
Lab File: BF128895.D
Acq: 21 Jun 2022 11:33

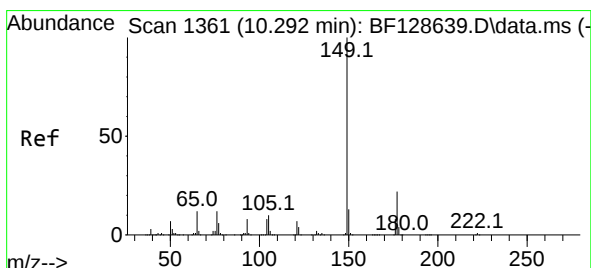
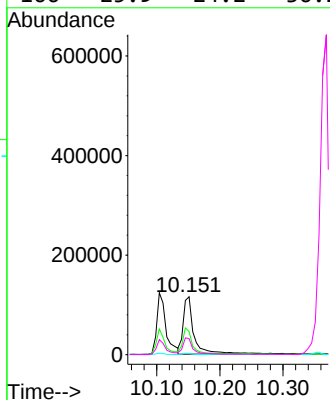
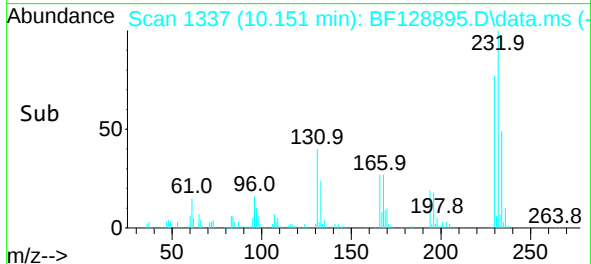
Instrument :
BNA_F
ClientSampleId :
PB145632BS



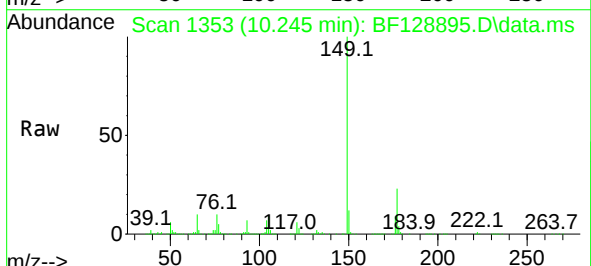
Tgt Ion:232 Resp: 135399
Ion Ratio Lower Upper
232 100
131 40.6 36.1 54.1
130 1.9 1.8 2.8
166 25.9 24.2 36.2

Manual Integrations
APPROVED

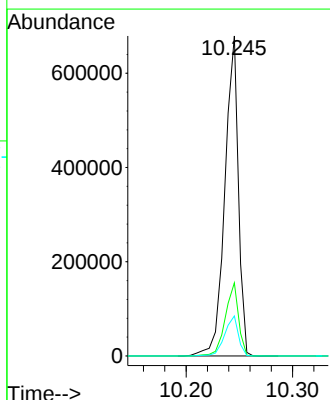
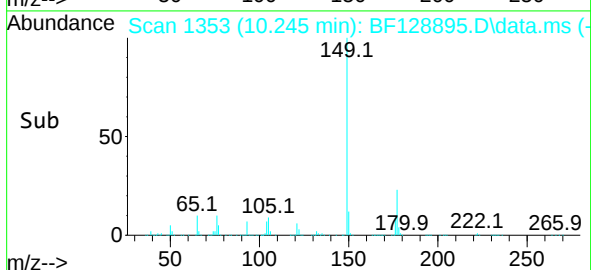
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022

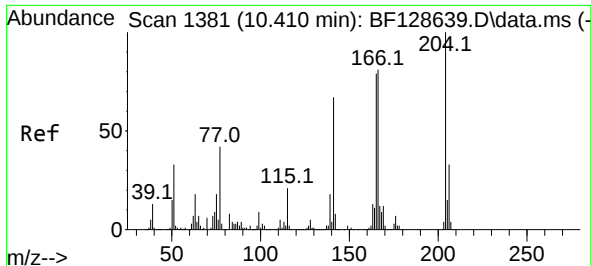


#60
Diethylphthalate
Concen: 31.649 ng
RT: 10.245 min Scan# 1353
Delta R.T. 0.024 min
Lab File: BF128895.D
Acq: 21 Jun 2022 11:33



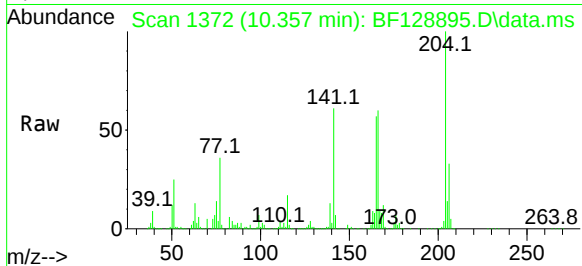
Tgt Ion:149 Resp: 597198
Ion Ratio Lower Upper
149 100
177 22.9 17.3 25.9
150 12.5 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 33.814 ng
RT: 10.357 min Scan# 11
Delta R.T. 0.024 min
Lab File: BF128895.D
Acq: 21 Jun 2022 11:33

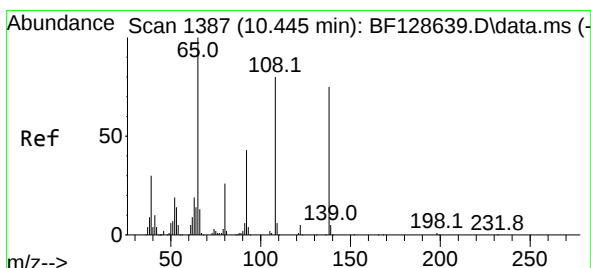
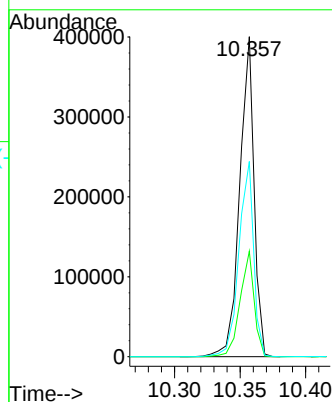
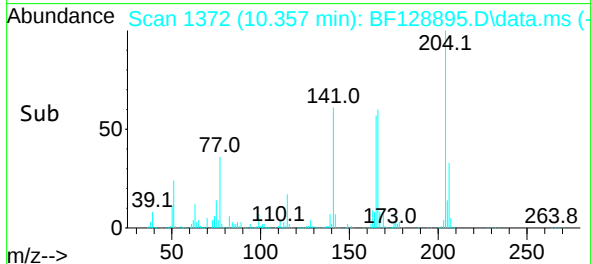
Instrument :
BNA_F
ClientSampleId :
PB145632BS



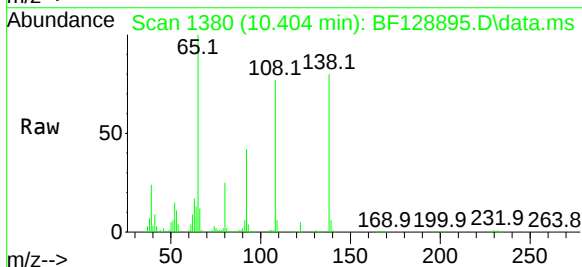
Tgt Ion:204 Resp: 306044
Ion Ratio Lower Upper
204 100
206 33.0 25.8 38.6
141 61.0 47.0 70.4

Manual Integrations
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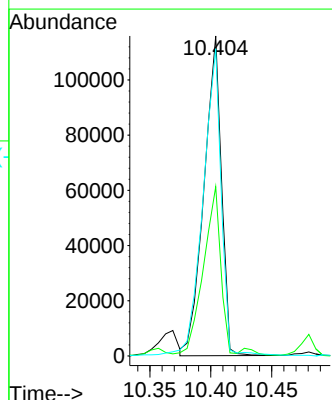
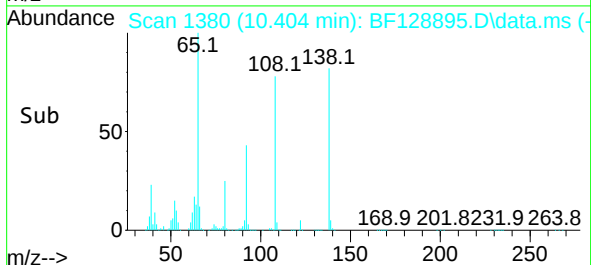
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022

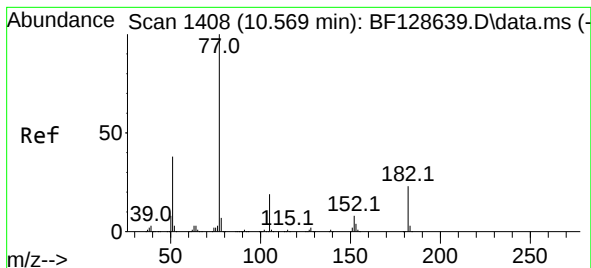


#62
4-Nitroaniline
Concen: 28.460 ng
RT: 10.404 min Scan# 1380
Delta R.T. 0.024 min
Lab File: BF128895.D
Acq: 21 Jun 2022 11:33



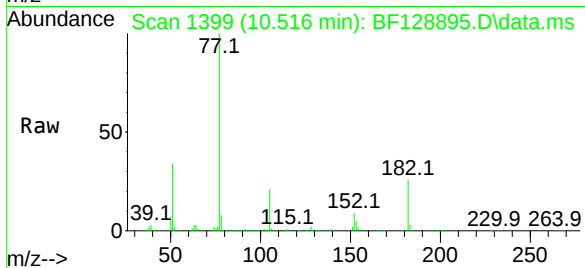
Tgt Ion:138 Resp: 115887
Ion Ratio Lower Upper
138 100
92 52.9 33.5 73.5
108 96.0 61.0 101.0





#63
Azobenzene
Concen: 29.304 ng
RT: 10.516 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF128895.D
Acq: 21 Jun 2022 11:33

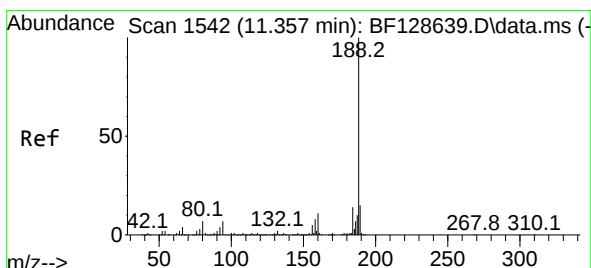
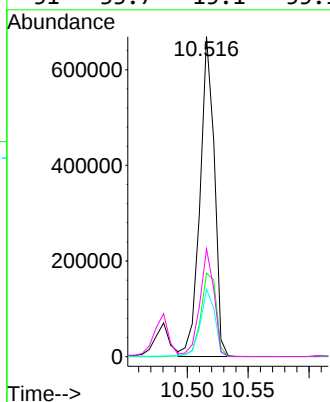
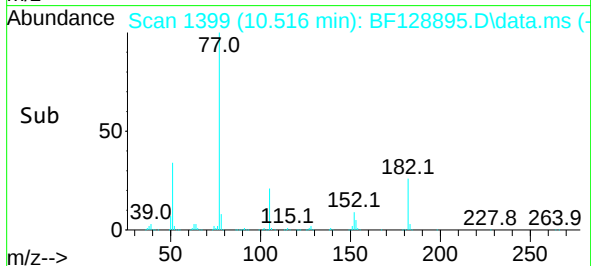
Instrument :
BNA_F
ClientSampleId :
PB145632BS



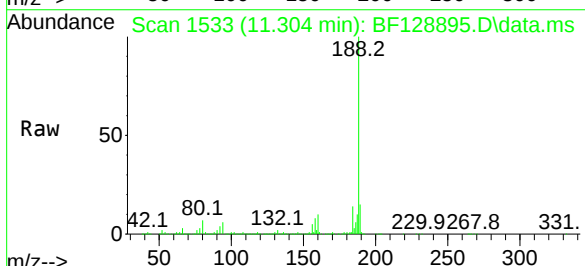
Tgt Ion: 77 Resp: 544350
Ion Ratio Lower Upper
77 100
182 26.1 5.6 45.6
105 21.1 1.6 41.6
51 33.7 15.1 55.1

Manual Integrations
APPROVED

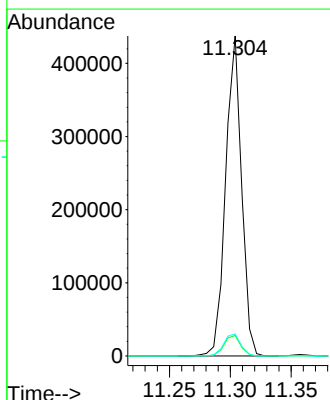
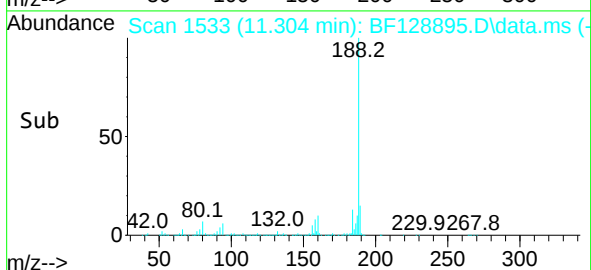
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022

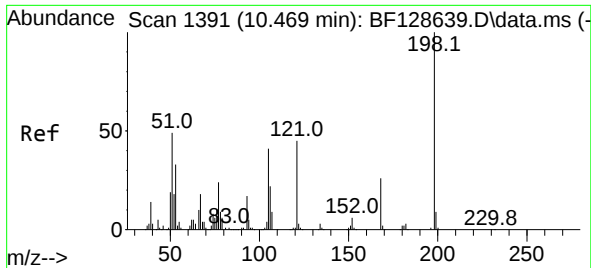


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1533
Delta R.T. 0.024 min
Lab File: BF128895.D
Acq: 21 Jun 2022 11:33



Tgt Ion:188 Resp: 397123
Ion Ratio Lower Upper
188 100
94 6.4 7.0 10.6#
80 6.9 7.6 11.4#





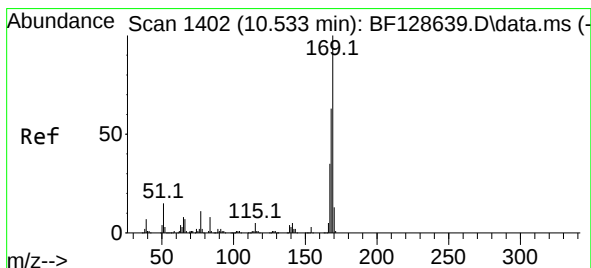
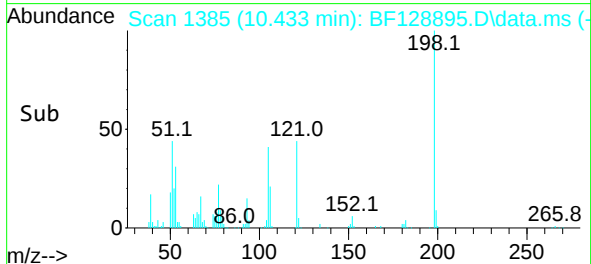
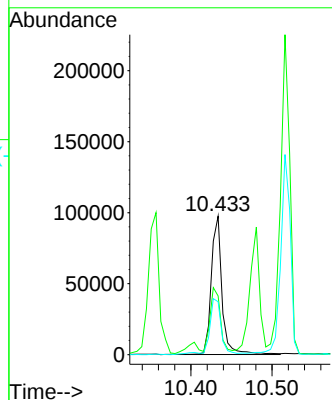
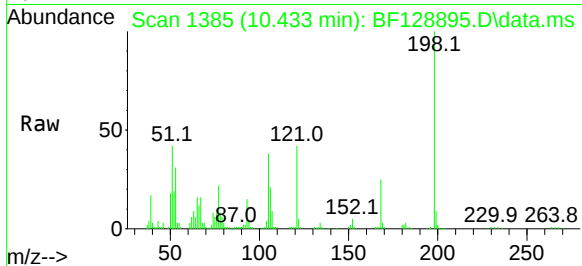
#65
4,6-Dinitro-2-methylphenol
Concen: 38.047 ng
RT: 10.433 min Scan# 11
Delta R.T. 0.024 min
Lab File: BF128895.D
Acq: 21 Jun 2022 11:33

Instrument :
BNA_F
ClientSampleId :
PB145632BS

Tgt Ion:198 Resp: 89160
Ion Ratio Lower Upper
198 100
51 42.4 37.6 77.6
105 38.3 27.0 67.0

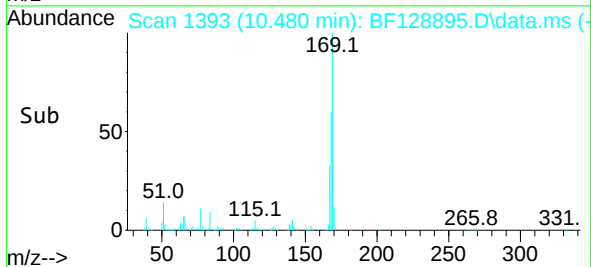
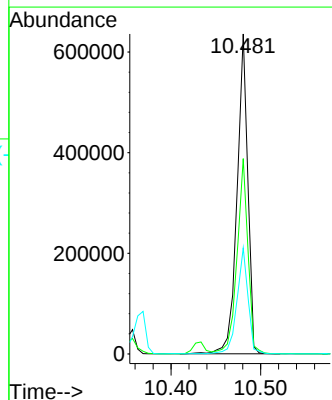
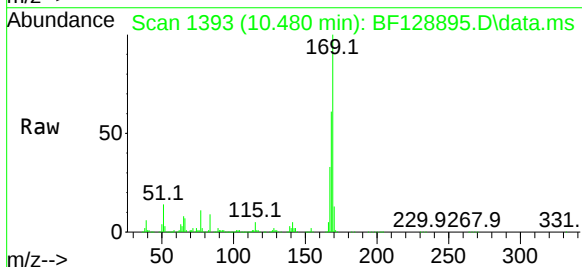
Manual Integrations
APPROVED

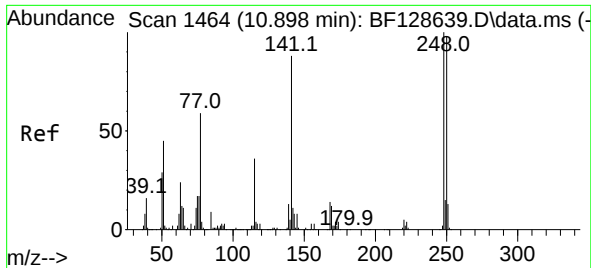
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022



#66
n-Nitrosodiphenylamine
Concen: 43.373 ng
RT: 10.480 min Scan# 1393
Delta R.T. 0.024 min
Lab File: BF128895.D
Acq: 21 Jun 2022 11:33

Tgt Ion:169 Resp: 529418
Ion Ratio Lower Upper
169 100
168 61.1 50.1 75.1
167 33.2 27.9 41.9





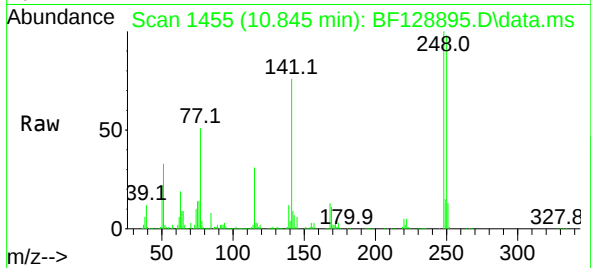
#67
4-Bromophenyl-phenylether
Concen: 44.333 ng
RT: 10.845 min Scan# 1464
Delta R.T. 0.018 min
Lab File: BF128895.D
Acq: 21 Jun 2022 11:33

Instrument :

BNA_F

ClientSampleId :

PB145632BS

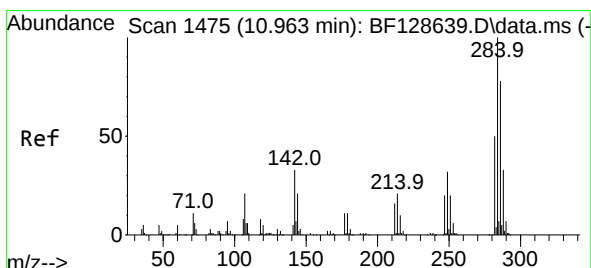
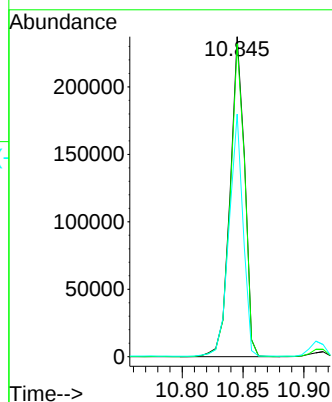
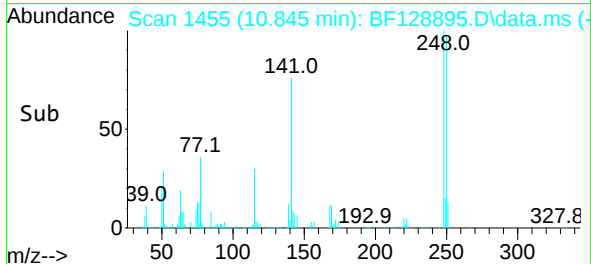


Tgt Ion:248 Resp: 196330
Ion Ratio Lower Upper
248 100
250 97.8 80.6 120.8
141 75.8 58.9 88.3

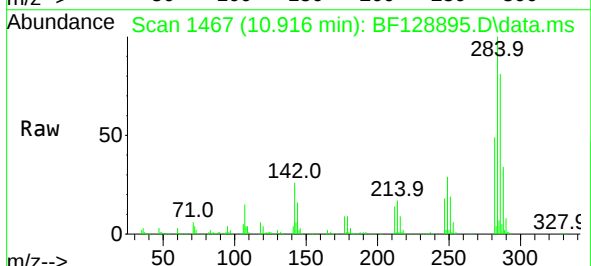
Manual Integrations

APPROVED

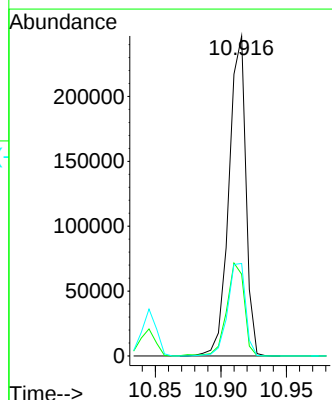
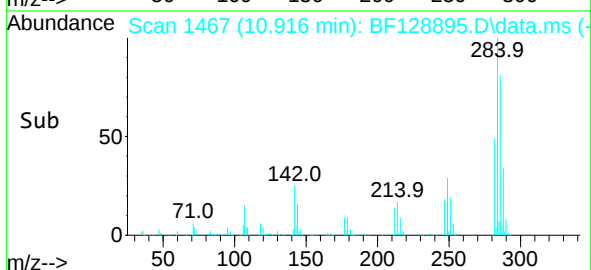
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022

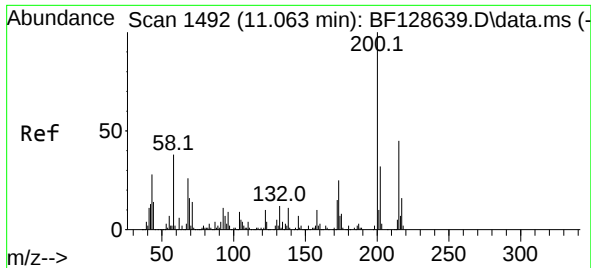


#68
Hexachlorobenzene
Concen: 44.900 ng
RT: 10.916 min Scan# 1467
Delta R.T. 0.024 min
Lab File: BF128895.D
Acq: 21 Jun 2022 11:33



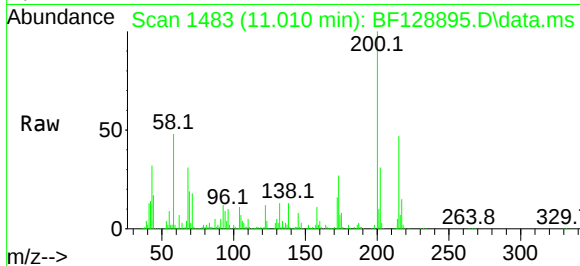
Tgt Ion:284 Resp: 220834
Ion Ratio Lower Upper
284 100
142 25.6 29.0 43.4#
249 28.9 25.0 37.6





#69
 Atrazine
 Concen: 44.969 ng
 RT: 11.010 min Scan# 1492
 Delta R.T. 0.024 min
 Lab File: BF128895.D
 Acq: 21 Jun 2022 11:33

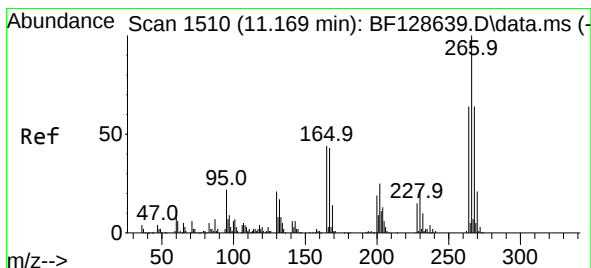
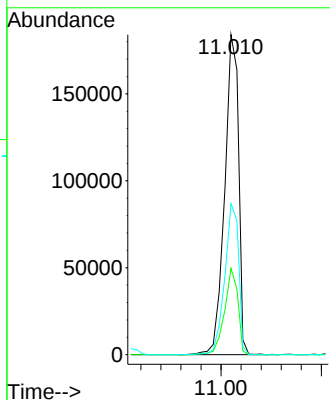
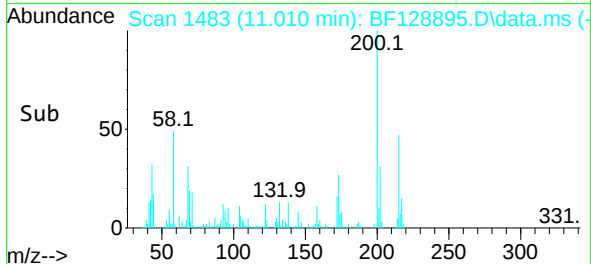
Instrument :
 BNA_F
 ClientSampleId :
 PB145632BS



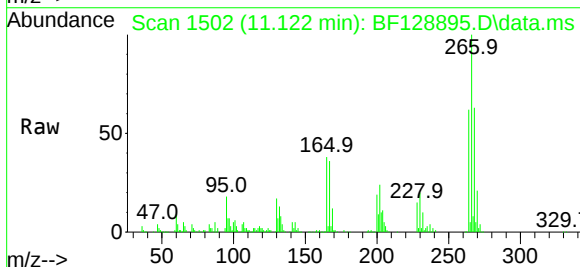
Tgt Ion:200 Resp: 17651
 Ion Ratio Lower Upper
 200 100
 173 27.0 6.3 46.3
 215 47.2 28.3 68.3

Manual Integrations
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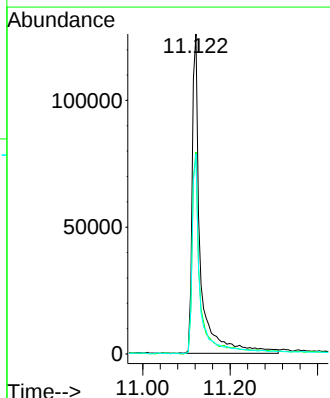
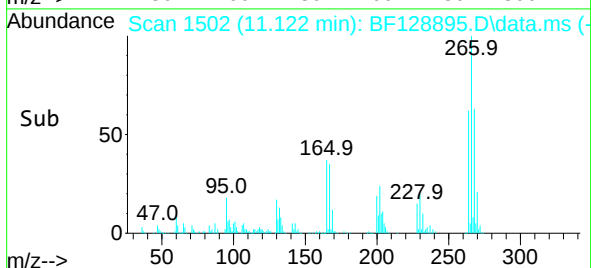
Reviewed By :Christian Giraldo 06/22/2022
 Supervised By :Jagrut Upadhyay 06/22/2022

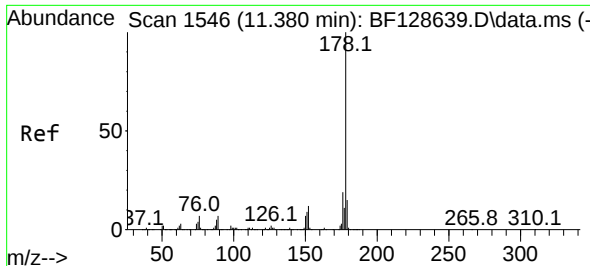


#70
 Pentachlorophenol
 Concen: 67.480 ng
 RT: 11.122 min Scan# 1502
 Delta R.T. 0.024 min
 Lab File: BF128895.D
 Acq: 21 Jun 2022 11:33



Tgt Ion:266 Resp: 165671
 Ion Ratio Lower Upper
 266 100
 268 63.1 51.0 76.4
 264 62.5 49.4 74.2





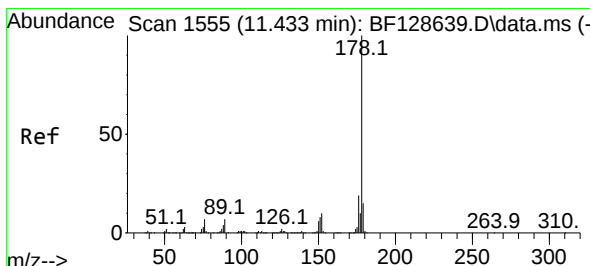
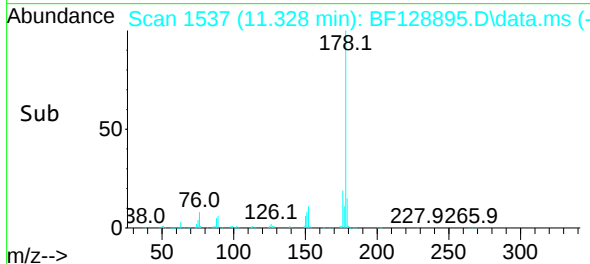
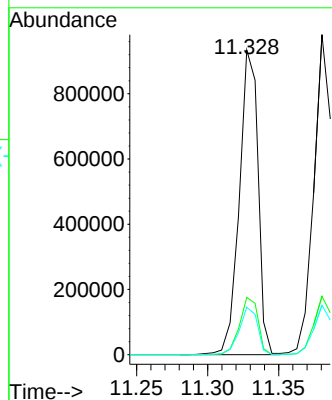
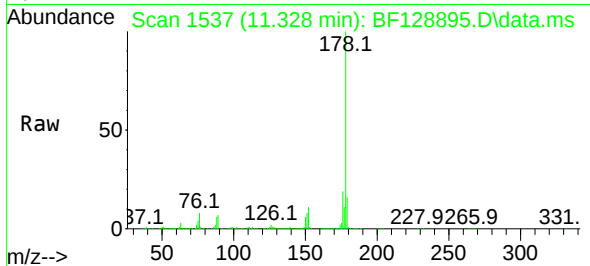
#71
Phenanthrene
Concen: 43.051 ng
RT: 11.328 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF128895.D
Acq: 21 Jun 2022 11:33

Instrument :
BNA_F
ClientSampleId :
PB145632BS

Tgt Ion:178 Resp: 857529
Ion Ratio Lower Upper
178 100
176 18.8 16.0 24.0
179 15.5 12.6 19.0

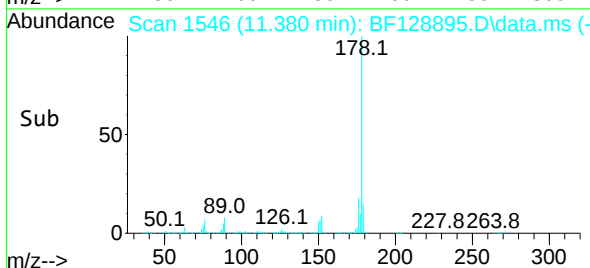
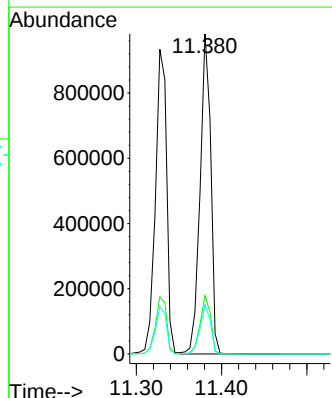
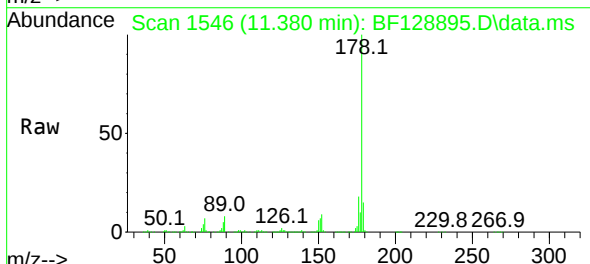
Manual Integrations
APPROVED

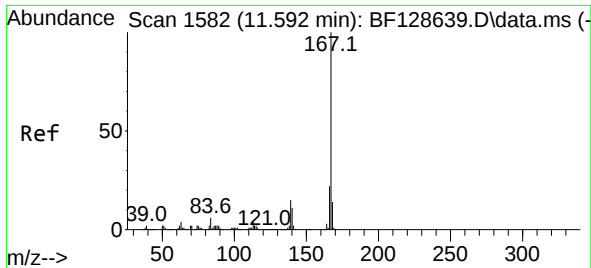
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022



#72
Anthracene
Concen: 43.407 ng
RT: 11.380 min Scan# 1546
Delta R.T. 0.024 min
Lab File: BF128895.D
Acq: 21 Jun 2022 11:33

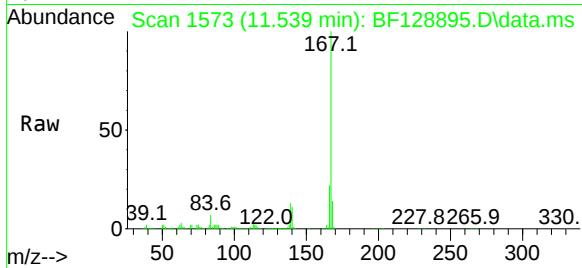
Tgt Ion:178 Resp: 855790
Ion Ratio Lower Upper
178 100
176 18.3 15.4 23.2
179 15.5 12.6 19.0





#73
Carbazole
Concen: 40.725 ng
RT: 11.539 min Scan# 11
Delta R.T. 0.024 min
Lab File: BF128895.D
Acq: 21 Jun 2022 11:33

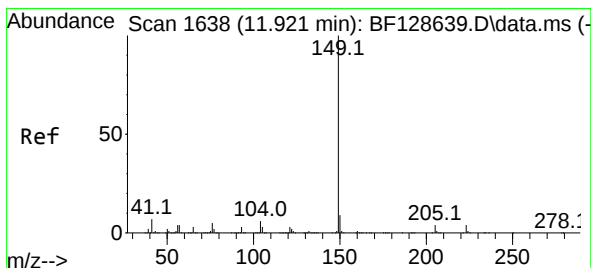
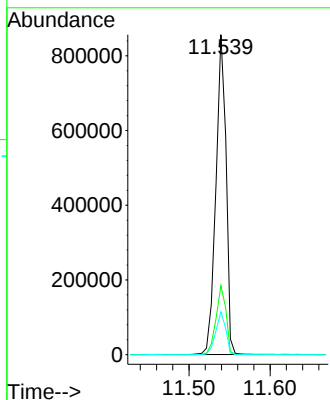
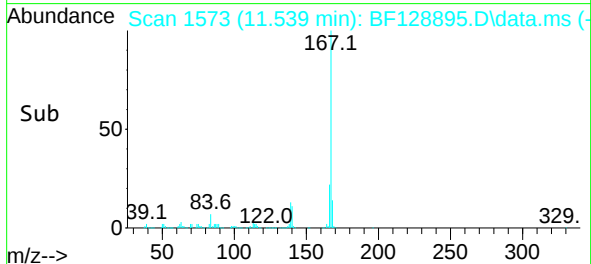
Instrument :
BNA_F
ClientSampleId :
PB145632BS



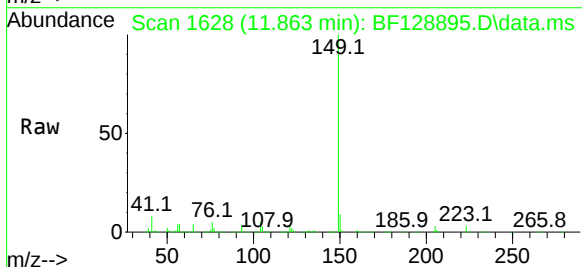
Tgt Ion:167 Resp: 745740
Ion Ratio Lower Upper
167 100
166 21.6 17.7 26.5
139 13.4 11.2 16.8

Manual Integrations
APPROVED

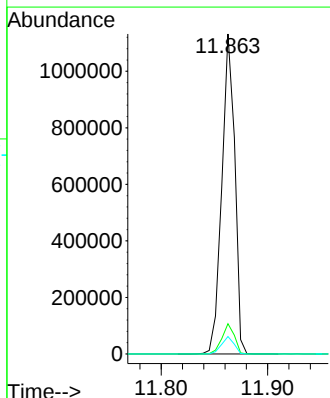
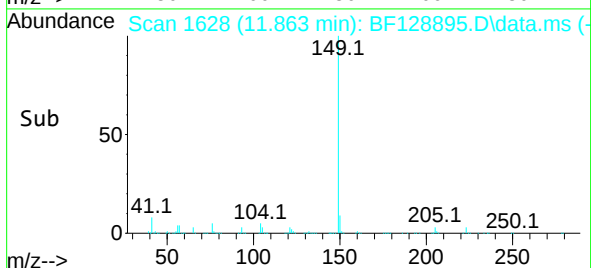
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022

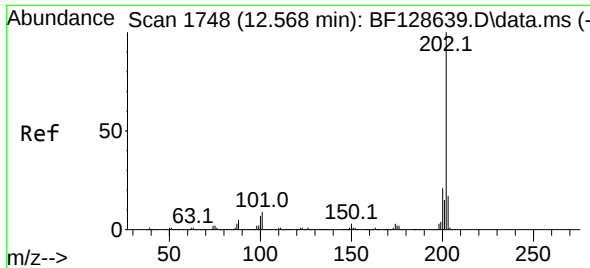


#74
Di-n-butylphthalate
Concen: 42.607 ng
RT: 11.863 min Scan# 1628
Delta R.T. 0.018 min
Lab File: BF128895.D
Acq: 21 Jun 2022 11:33



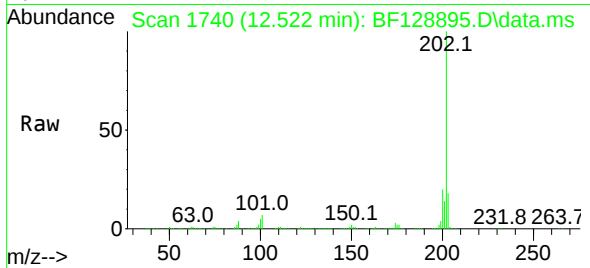
Tgt Ion:149 Resp: 949941
Ion Ratio Lower Upper
149 100
150 9.4 7.5 11.3
104 5.4 4.4 6.6





#75
Fluoranthene
Concen: 43.510 ng
RT: 12.522 min Scan# 11
Delta R.T. 0.024 min
Lab File: BF128895.D
Acq: 21 Jun 2022 11:33

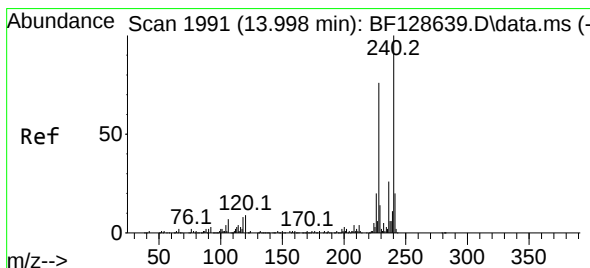
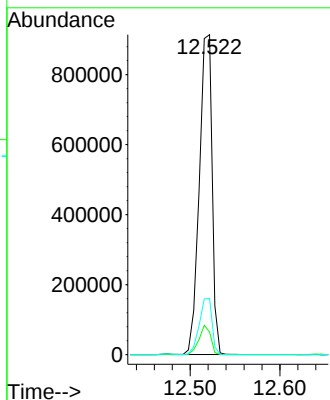
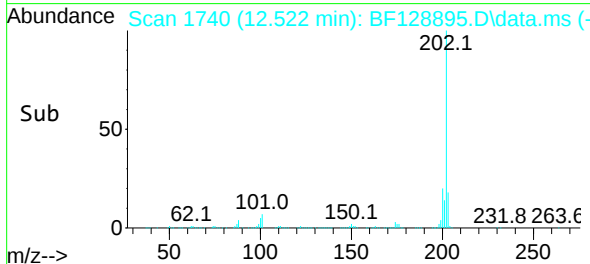
Instrument :
BNA_F
ClientSampleId :
PB145632BS



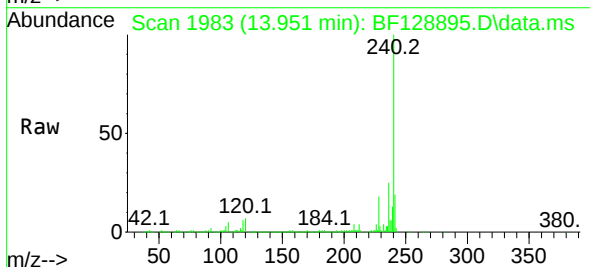
Tgt Ion:202 Resp: 905920
Ion Ratio Lower Upper
202 100
101 7.1 0.0 31.4
203 17.6 0.0 38.0

Manual Integrations
APPROVED

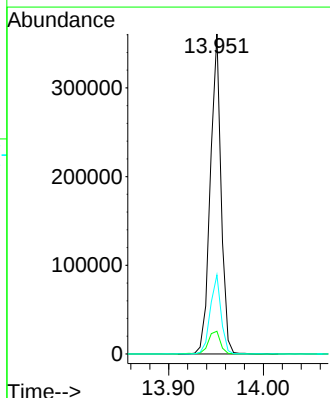
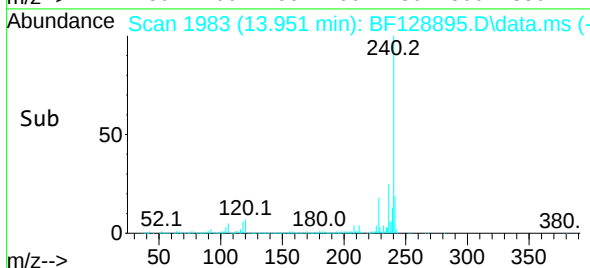
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022

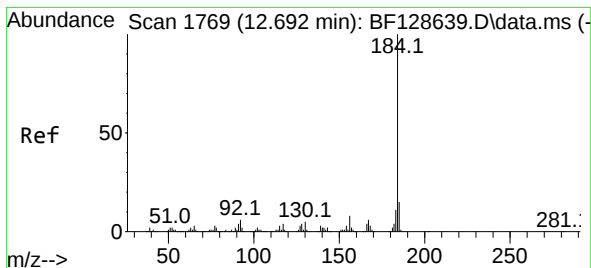


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 1983
Delta R.T. 0.024 min
Lab File: BF128895.D
Acq: 21 Jun 2022 11:33



Tgt Ion:240 Resp: 282508
Ion Ratio Lower Upper
240 100
120 7.1 8.9 13.3#
236 24.7 20.8 31.2





#77

Benzidine

Concen: 38.978 ng

RT: 12.639 min Scan# 1760

Delta R.T. 0.024 min

Lab File: BF128895.D

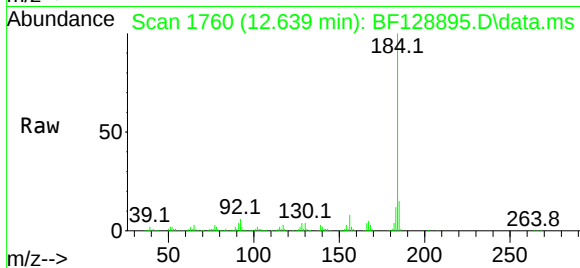
Acq: 21 Jun 2022 11:33

Instrument :

BNA_F

ClientSampleId :

PB145632BS



Tgt Ion:184 Resp: 21951

Ion Ratio Lower Upper

184 100

185 15.1 11.9 17.9

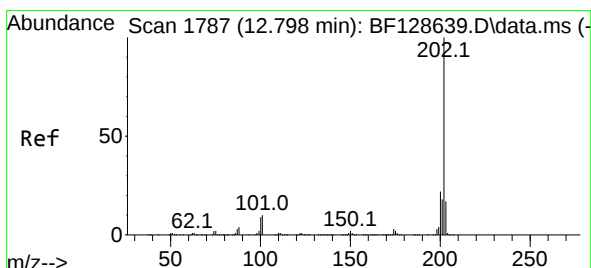
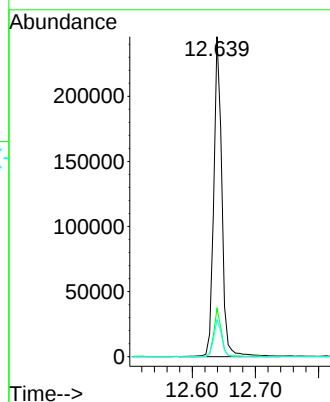
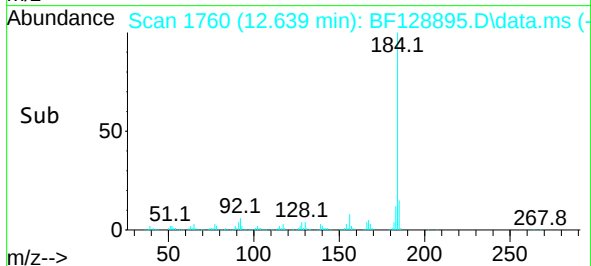
183 11.5 9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/22/2022

Supervised By :Jagrut Upadhyay 06/22/2022



#78

Pyrene

Concen: 43.249 ng

RT: 12.751 min Scan# 1779

Delta R.T. 0.024 min

Lab File: BF128895.D

Acq: 21 Jun 2022 11:33

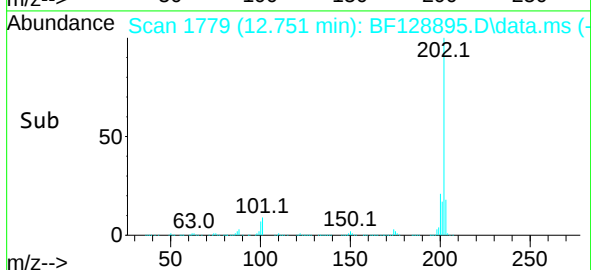
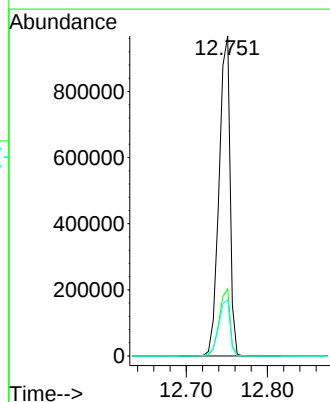
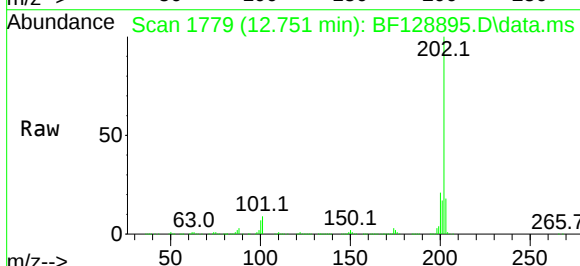
Tgt Ion:202 Resp: 909019

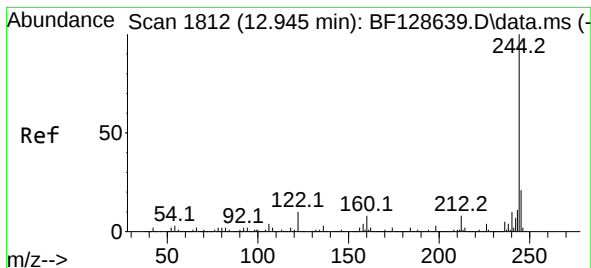
Ion Ratio Lower Upper

202 100

200 20.9 17.7 26.5

203 17.6 14.6 21.8





#79

Terphenyl-d14

Concen: 86.392 ng

RT: 12.892 min Scan# 1803

Delta R.T. 0.024 min

Lab File: BF128895.D

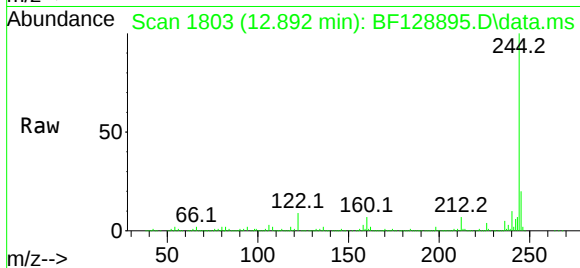
Acq: 21 Jun 2022 11:33

Instrument :

BNA_F

ClientSampleId :

PB145632BS



Tgt Ion:244 Resp: 1404584

Ion Ratio Lower Upper

244 100

212 7.0 6.1 9.1

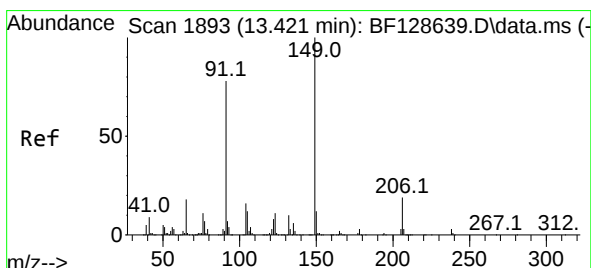
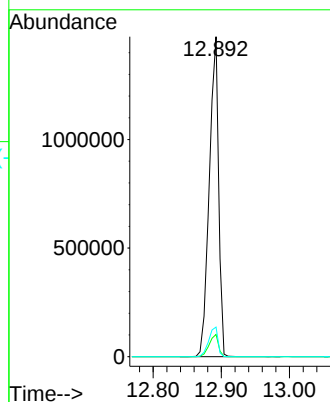
122 9.3 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/22/2022

Supervised By :Jagrut Upadhyay 06/22/2022



#80

Butylbenzylphthalate

Concen: 42.624 ng

RT: 13.363 min Scan# 1883

Delta R.T. 0.024 min

Lab File: BF128895.D

Acq: 21 Jun 2022 11:33

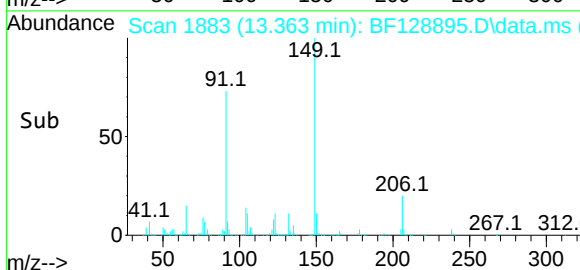
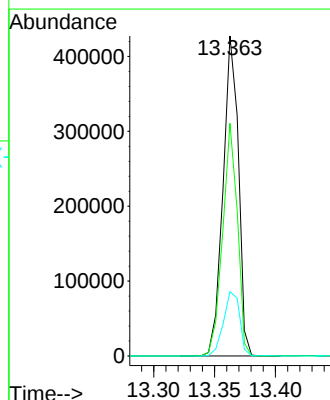
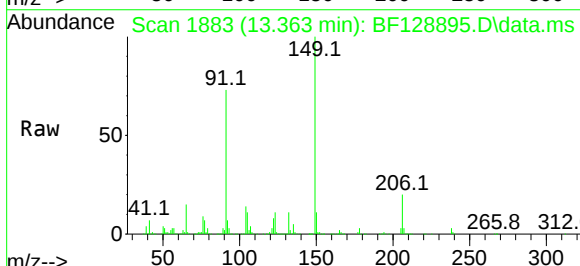
Tgt Ion:149 Resp: 376225

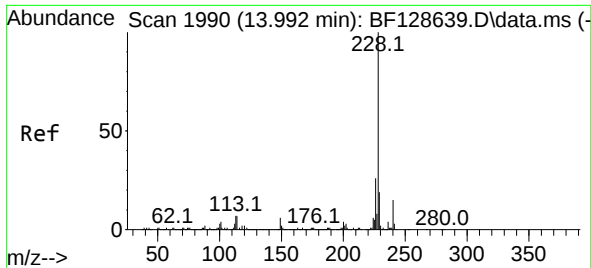
Ion Ratio Lower Upper

149 100

91 72.7 61.2 91.8

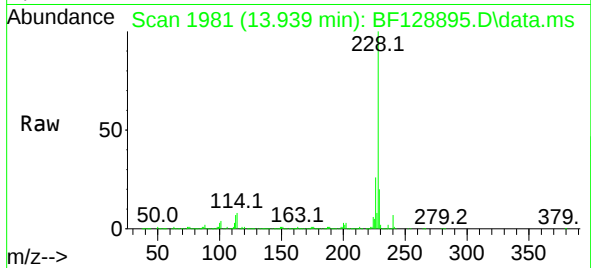
206 20.1 15.7 23.5





#81
Benzo(a)anthracene
Concen: 43.192 ng
RT: 13.939 min Scan# 1990
Delta R.T. 0.024 min
Lab File: BF128895.D
Acq: 21 Jun 2022 11:33

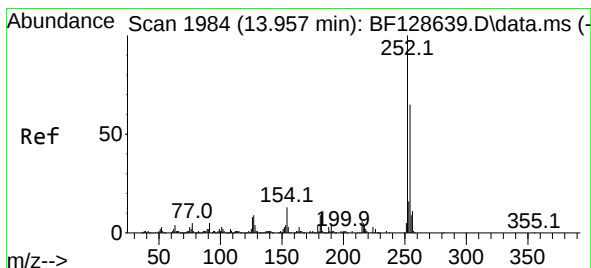
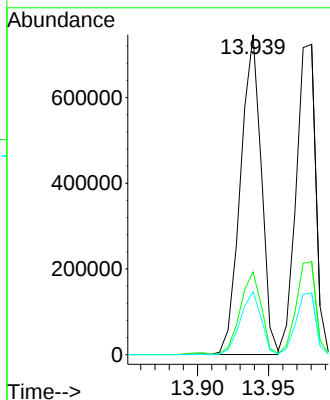
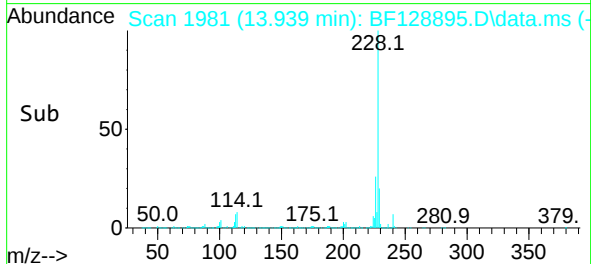
Instrument :
BNA_F
ClientSampleId :
PB145632BS



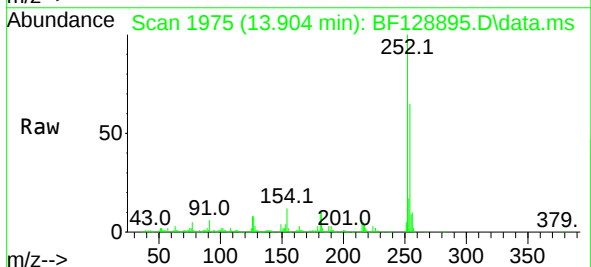
Tgt Ion:228 Resp: 760590
Ion Ratio Lower Upper
228 100
226 25.9 22.1 33.1
229 19.7 15.8 23.8

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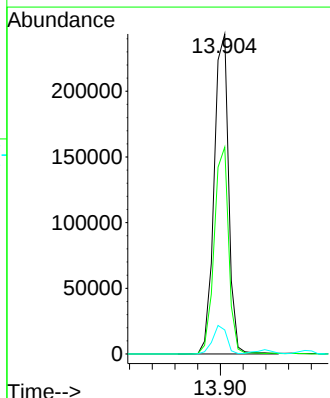
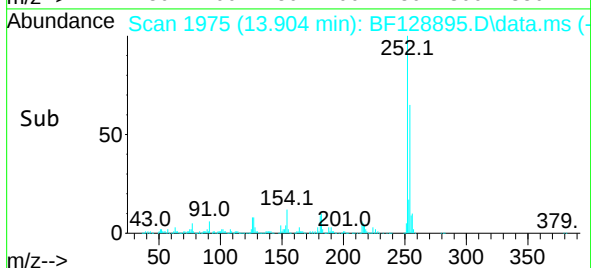
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022

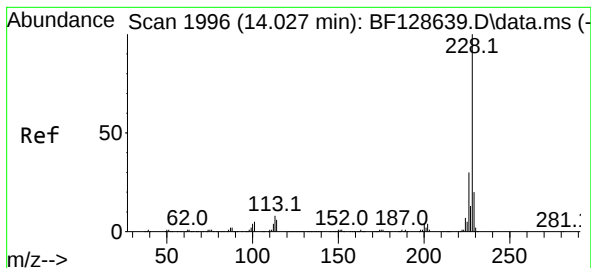


#82
3,3'-Dichlorobenzidine
Concen: 57.449 ng
RT: 13.904 min Scan# 1975
Delta R.T. 0.029 min
Lab File: BF128895.D
Acq: 21 Jun 2022 11:33



Tgt Ion:252 Resp: 216435
Ion Ratio Lower Upper
252 100
254 64.7 50.2 75.4
126 7.5 8.2 12.4





#83

Chrysene

Concen: 41.306 ng

RT: 13.980 min Scan# 1996

Delta R.T. 0.029 min

Lab File: BF128895.D

Acq: 21 Jun 2022 11:33

Instrument :

BNA_F

ClientSampleId :

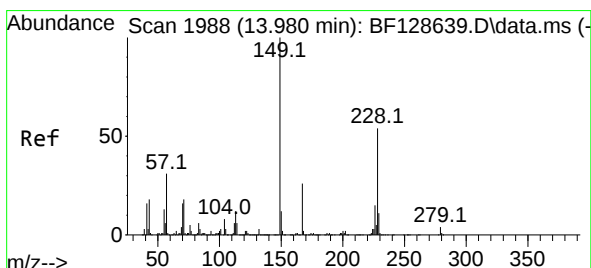
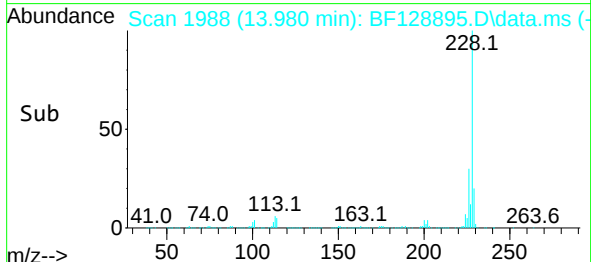
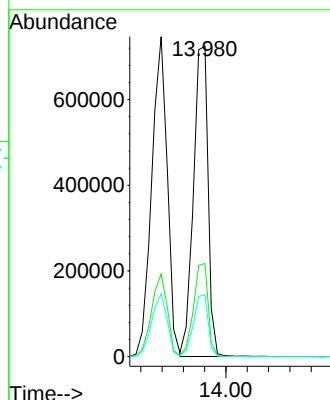
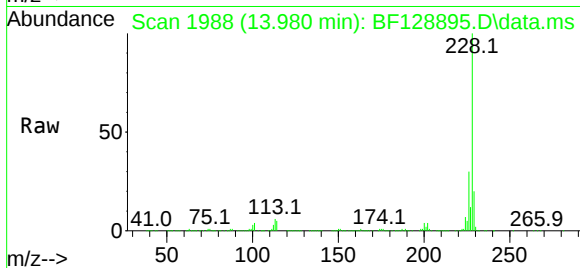
PB145632BS

Tgt Ion:228 Resp: 693480
 Ion Ratio Lower Upper
 228 100
 226 30.0 24.3 36.5
 229 19.9 15.9 23.9

Manual Integrations

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Reviewed By :Christian Giraldo 06/22/2022
 Supervised By :Jagrut Upadhyay 06/22/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.821 ng

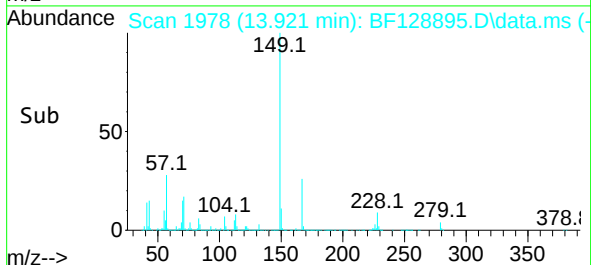
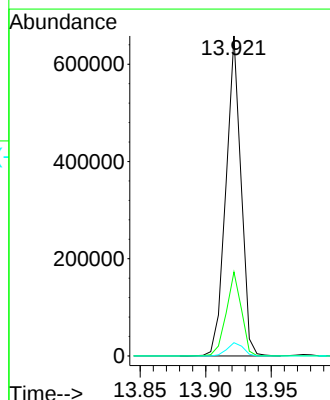
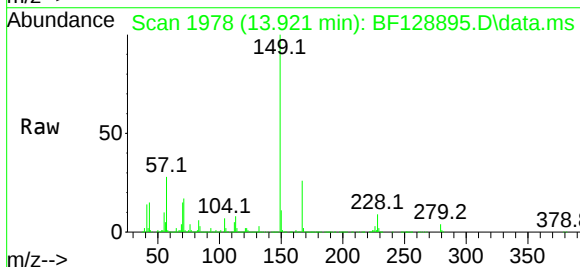
RT: 13.921 min Scan# 1978

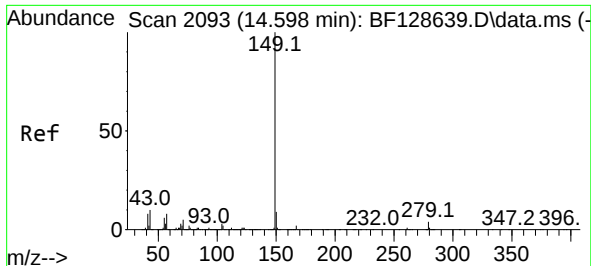
Delta R.T. 0.024 min

Lab File: BF128895.D

Acq: 21 Jun 2022 11:33

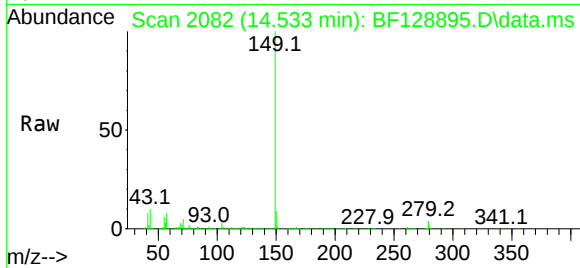
Tgt Ion:149 Resp: 525801
 Ion Ratio Lower Upper
 149 100
 167 26.3 21.0 31.4
 279 4.1 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 45.509 ng
RT: 14.533 min Scan# 2093
Delta R.T. 0.024 min
Lab File: BF128895.D
Acq: 21 Jun 2022 11:33

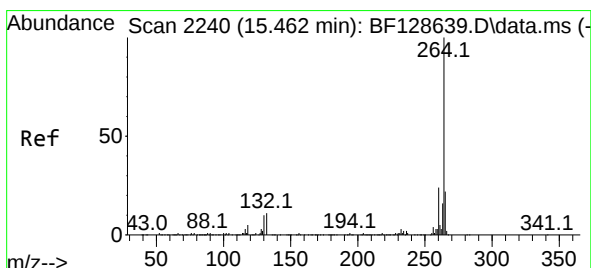
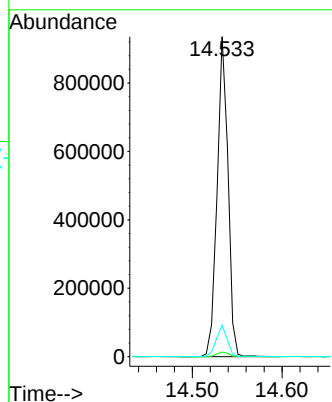
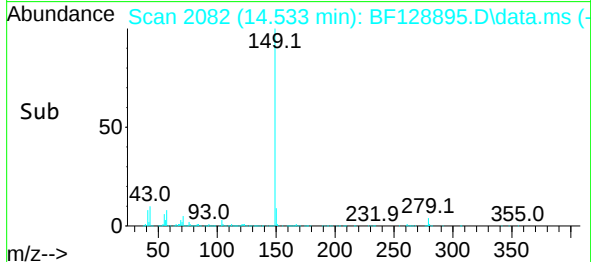
Instrument :
BNA_F
ClientSampleId :
PB145632BS



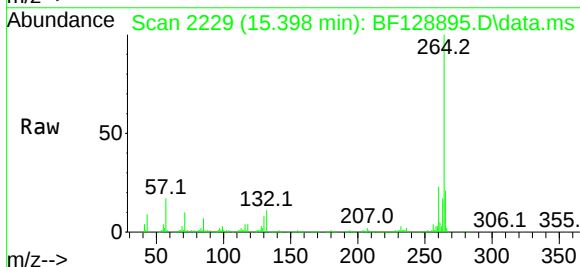
Tgt Ion:149 Resp: 786538
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.8 9.2 13.8

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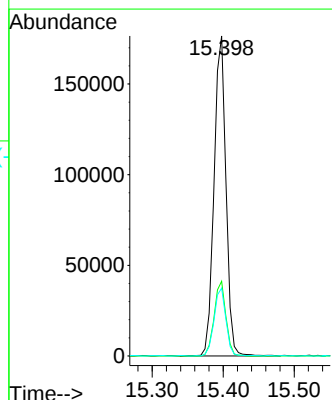
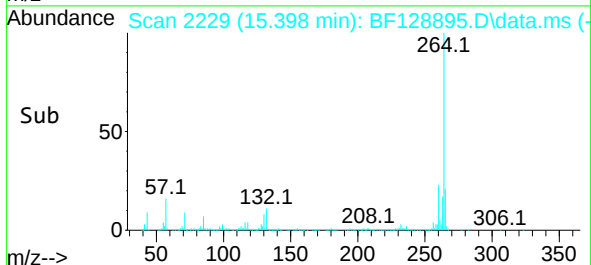
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022

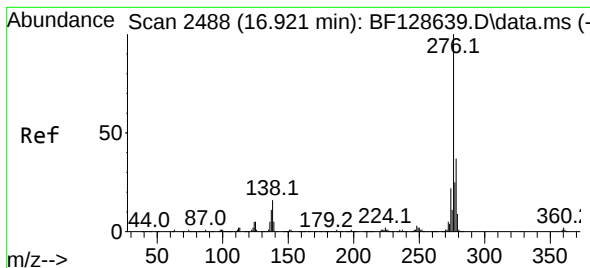


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.398 min Scan# 2229
Delta R.T. 0.035 min
Lab File: BF128895.D
Acq: 21 Jun 2022 11:33



Tgt Ion:264 Resp: 205635
Ion Ratio Lower Upper
264 100
260 23.3 18.4 27.6
265 21.2 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.035 ng

RT: 16.845 min Scan# 2488

Delta R.T. 0.053 min

Lab File: BF128895.D

Acq: 21 Jun 2022 11:33

Instrument :

BNA_F

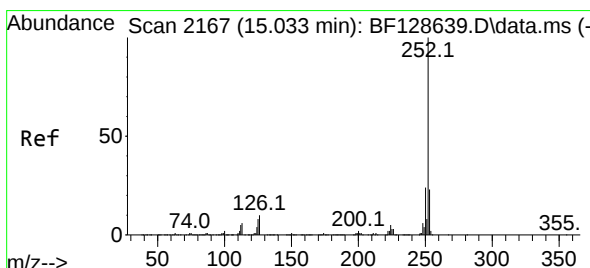
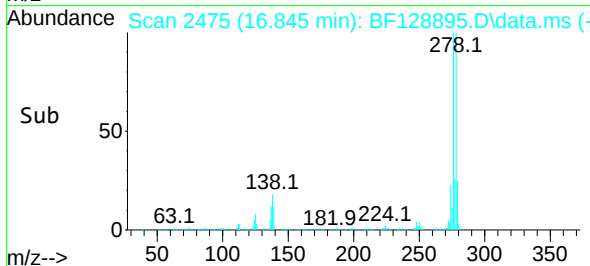
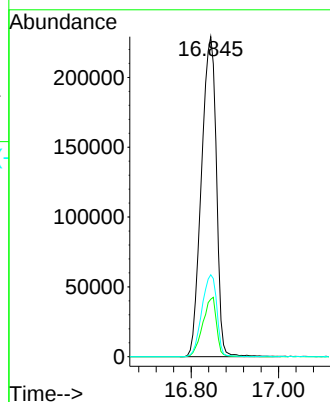
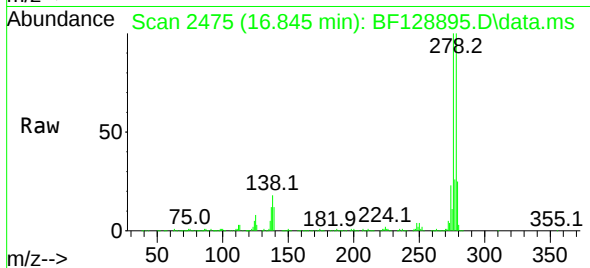
ClientSampleId :

PB145632BS

Tgt Ion:276 Resp: 545777
 Ion Ratio Lower Upper
 276 100
 138 17.1 21.1 31.7
 277 25.7 20.3 30.5

Manual Integrations
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Reviewed By :Christian Giraldo 06/22/2022
 Supervised By :Jagrut Upadhyay 06/22/2022



#88

Benzo(b)fluoranthene

Concen: 45.874 ng

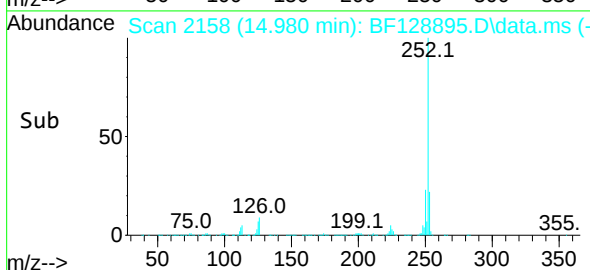
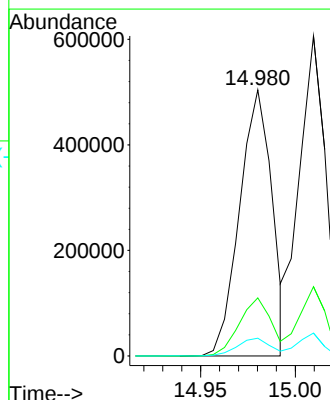
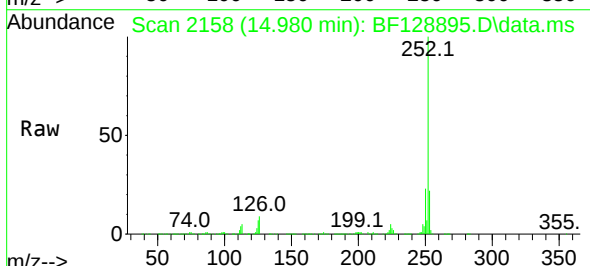
RT: 14.980 min Scan# 2158

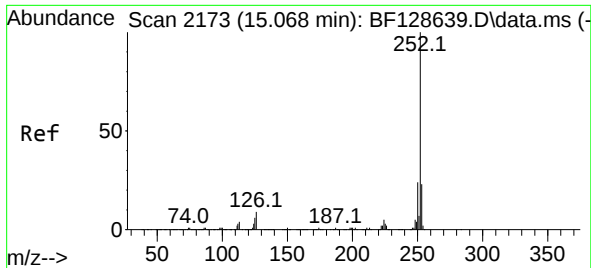
Delta R.T. 0.030 min

Lab File: BF128895.D

Acq: 21 Jun 2022 11:33

Tgt Ion:252 Resp: 602780
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.7 26.5
 125 6.6 8.0 12.0





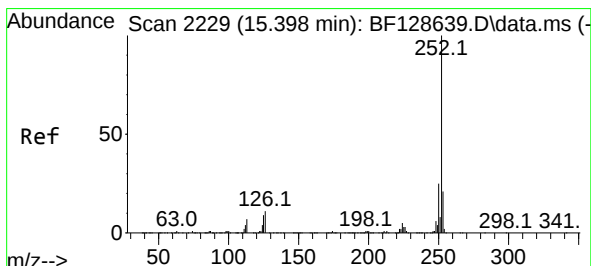
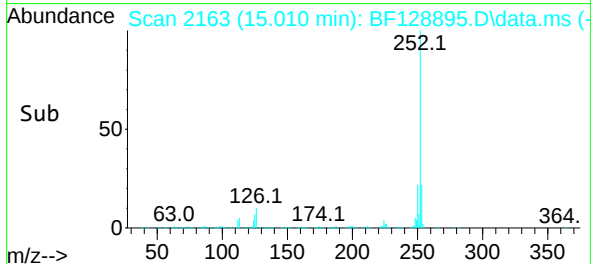
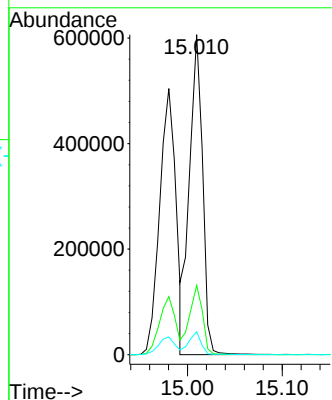
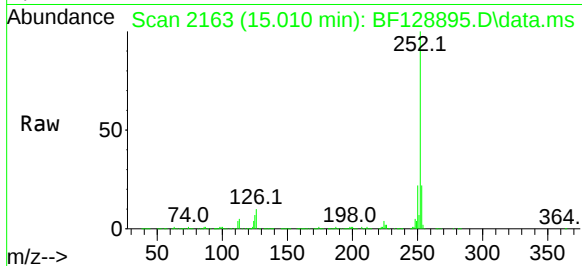
#89
Benzo(k)fluoranthene
Concen: 47.448 ng
RT: 15.010 min Scan# 2163
Delta R.T. 0.029 min
Lab File: BF128895.D
Acq: 21 Jun 2022 11:33

Instrument :
BNA_F
ClientSampleId :
PB145632BS

Tgt Ion:252 Resp: 58648
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.6
125 7.1 8.3 12.5

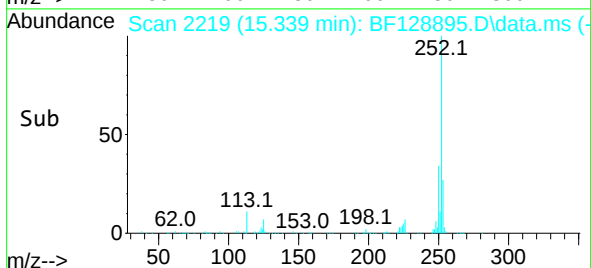
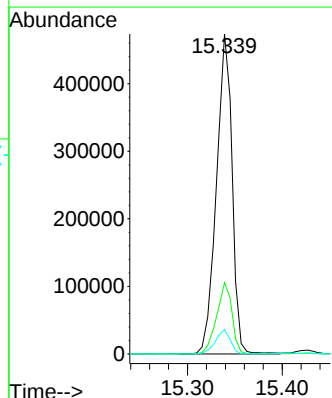
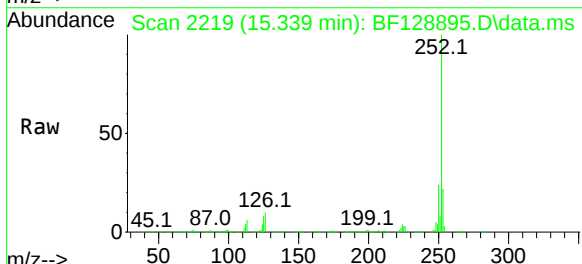
Manual Integrations
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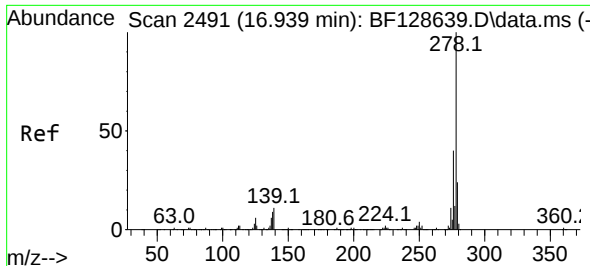
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022



#90
Benzo(a)pyrene
Concen: 52.642 ng
RT: 15.339 min Scan# 2219
Delta R.T. 0.035 min
Lab File: BF128895.D
Acq: 21 Jun 2022 11:33

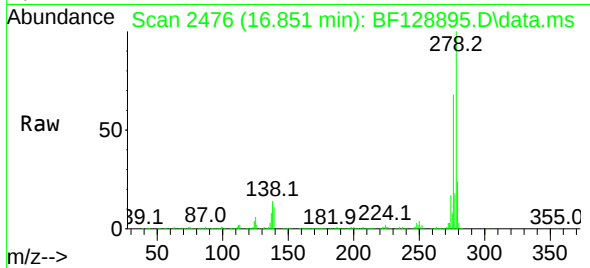
Tgt Ion:252 Resp: 543652
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.6
125 7.6 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 47.691 ng
RT: 16.851 min Scan# 2491
Delta R.T. 0.047 min
Lab File: BF128895.D
Acq: 21 Jun 2022 11:33

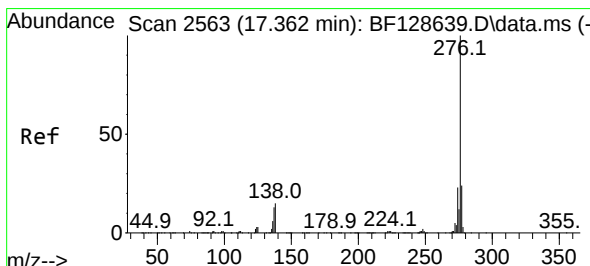
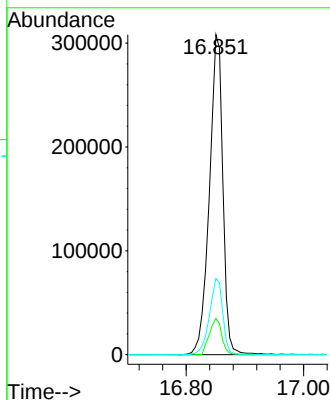
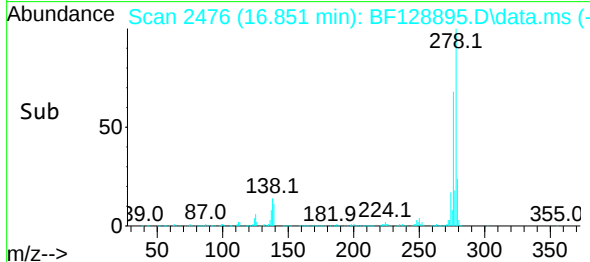
Instrument :
BNA_F
ClientSampleId :
PB145632BS



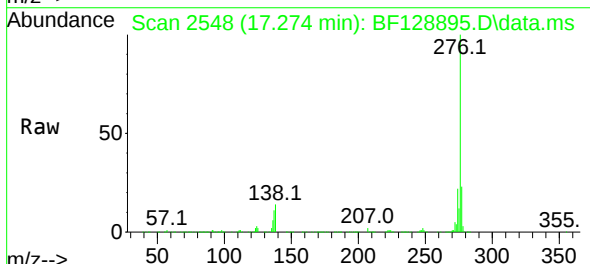
Tgt Ion: 278 Resp: 490294
Ion Ratio Lower Upper
278 100
139 11.3 12.8 19.2
279 23.9 18.6 28.0

Manual Integrations
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Reviewed By : Christian Giraldo 06/22/2022
Supervised By : Jagrut Upadhyay 06/22/2022



#92
Benzo(g,h,i)perylene
Concen: 46.734 ng
RT: 17.274 min Scan# 2548
Delta R.T. 0.059 min
Lab File: BF128895.D
Acq: 21 Jun 2022 11:33



Tgt Ion: 276 Resp: 476171
Ion Ratio Lower Upper
276 100
277 23.4 19.1 28.7
138 13.5 18.0 27.0

