

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
 Data File : BF128955.D
 Acq On : 23 Jun 2022 15:28
 Operator : CG\JU
 Sample : PB145722BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145722BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/24/2022
 Supervised By : Jagrut Upadhyay 06/28/2022

Quant Time: Jun 24 04:30:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 00:50:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	87028	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	334801	20.000	ng	# 0.01
39) Acenaphthene-d10	9.775	164	192789	20.000	ng	0.00
64) Phenanthrene-d10	11.263	188	498734	20.000	ng	0.01
76) Chrysene-d12	13.916	240	260677	20.000	ng	# 0.02
86) Perylene-d12	15.351	264	179871	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	613540	112.293	ng	0.02
7) Phenol-d6	6.399	99	775500	116.277	ng	0.01
23) Nitrobenzene-d5	7.310	82	559714	77.836	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	250814	110.108	ng	0.01
45) 2-Fluorobiphenyl	9.098	172	1075748	78.164	ng	0.00
79) Terphenyl-d14	12.851	244	1638297	109.207	ng	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.516	88	83524	41.178	ng	# 92
3) Pyridine	3.234	79	227240	42.173	ng	86
4) n-Nitrosodimethylamine	3.193	42	195727	52.381	ng	# 76
6) Aniline	6.399	93	264865	36.823	ng	# 55
8) 2-Chlorophenol	6.528	128	237399	42.463	ng	94
9) Benzaldehyde	6.287	77	72076	17.739	ng	95
10) Phenol	6.410	94	294644	41.793	ng	78
11) bis(2-Chloroethyl)ether	6.475	93	222494	43.069	ng	97
12) 1,3-Dichlorobenzene	6.675	146	260884	40.365	ng	99
13) 1,4-Dichlorobenzene	6.751	146	263622	40.386	ng	100
14) 1,2-Dichlorobenzene	6.904	146	254339	41.653	ng	99
15) Benzyl Alcohol	6.893	79	224198	40.177	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.016	45	353075	41.482	ng	# 2
17) 2-Methylphenol	7.169	107	255540	57.833	ng	# 84
18) Hexachloroethane	7.240	117	104752	43.134	ng	94
19) n-Nitroso-di-n-propyla...	7.157	70	186657	45.013	ng	94
20) 3+4-Methylphenols	7.169	107	255540	43.319	ng	# 83
22) Acetophenone	7.151	105	358486	40.939	ng	95
24) Nitrobenzene	7.328	77	280673	42.515	ng	97
25) Isophorone	7.569	82	489950	44.861	ng	98
26) 2-Nitrophenol	7.640	139	124013	42.635	ng	# 81
27) 2,4-Dimethylphenol	7.693	122	213991	48.296	ng	93
28) bis(2-Chloroethoxy)met...	7.775	93	283376	41.045	ng	98
29) 2,4-Dichlorophenol	7.893	162	207481	40.459	ng	98
30) 1,2,4-Trichlorobenzene	7.963	180	227181	39.344	ng	98
31) Naphthalene	8.040	128	699456	40.708	ng	99
32) Benzoic acid	7.857	122	72530	23.072	ng	88
33) 4-Chloroaniline	8.098	127	194695	30.054	ng	97
34) Hexachlorobutadiene	8.157	225	159869	39.039	ng	98
35) Caprolactam	8.481	113	61429m	43.318	ng	
36) 4-Chloro-3-methylphenol	8.604	107	237513	42.438	ng	95
37) 2-Methylnaphthalene	8.734	142	453643	41.509	ng	100
38) 1-Methylnaphthalene	8.834	142	434530	41.153	ng	97
40) 1,2,4,5-Tetrachloroben...	8.898	216	244887	40.900	ng	99
41) Hexachlorocyclopentadiene	8.881	237	189966	52.782	ng	99
43) 2,4,6-Trichlorophenol	9.022	196	143012	35.320	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	149922	35.829	ng	96
46) 1,1'-Biphenyl	9.198	154	581037	40.168	ng	98
47) 2-Chloronaphthalene	9.228	162	450854	40.846	ng	98
48) 2-Nitroaniline	9.328	65	165340	43.805	ng	89
49) Acenaphthylene	9.639	152	719243	42.564	ng	100
50) Dimethylphthalate	9.510	163	556384	42.163	ng	100
51) 2,6-Dinitrotoluene	9.575	165	117580	45.145	ng	# 83
52) Acenaphthene	9.810	154	411471	37.392	ng	99
53) 3-Nitroaniline	9.745	138	87066	30.801	ng	96
54) 2,4-Dinitrophenol	9.863	184	96866	66.773	ng	93
55) Dibenzofuran	9.986	168	625319	39.540	ng	95
56) 4-Nitrophenol	9.945	139	110569	53.962	ng	# 77
57) 2,4-Dinitrotoluene	9.981	165	160418	46.152	ng	# 66
58) Fluorene	10.328	166	509733	41.561	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.110	232	117360	33.957	ng	# 97
60) Diethylphthalate	10.210	149	564358	42.552	ng	100
61) 4-Chlorophenyl-phenyle...	10.316	204	257879	40.538	ng	# 89
62) 4-Nitroaniline	10.369	138	107222	37.463	ng	# 84
63) Azobenzene	10.481	77	544358	41.692	ng	98
65) 4,6-Dinitro-2-methylph...	10.398	198	84315	28.647	ng	89
66) n-Nitrosodiphenylamine	10.445	169	468533	30.565	ng	98
67) 4-Bromophenyl-phenylether	10.810	248	181584	32.648	ng	97
68) Hexachlorobenzene	10.875	284	239337	38.748	ng	96
69) Atrazine	10.975	200	215187	43.652	ng	97
70) Pentachlorophenol	11.081	266	215161	69.783	ng	97
71) Phenanthrene	11.292	178	1015530	40.596	ng	99
72) Anthracene	11.345	178	1046512	42.266	ng	99
73) Carbazole	11.504	167	930005	40.440	ng	100
74) Di-n-butylphthalate	11.828	149	1199390	42.835	ng	100
75) Fluoranthene	12.480	202	1108798	42.404	ng	98
77) Benzidine	12.604	184	469194	90.291	ng	99
78) Pyrene	12.710	202	1106630	57.060	ng	99
80) Butylbenzylphthalate	13.327	149	489983	60.161	ng	100
81) Benzo(a)anthracene	13.904	228	698509	42.988	ng	100
82) 3,3'-Dichlorobenzidine	13.863	252	168077	48.349	ng	99
83) Chrysene	13.939	228	656781	42.397	ng	99
84) Bis(2-ethylhexyl)phtha...	13.886	149	509282	48.098	ng	100
85) Di-n-octyl phthalate	14.498	149	775455	48.626	ng	100
87) Indeno(1,2,3-cd)pyrene	16.774	276	431913	39.840	ng	# 92
88) Benzo(b)fluoranthene	14.939	252	530538	46.160	ng	# 97
89) Benzo(k)fluoranthene	14.969	252	507798	46.967	ng	# 96
90) Benzo(a)pyrene	15.292	252	461260	51.061	ng	# 96
91) Dibenzo(a,h)anthracene	16.780	278	382603	42.547	ng	# 95
92) Benzo(g,h,i)perylene	17.198	276	372237	41.766	ng	# 93

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.734 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF128955.D
Acq: 23 Jun 2022 15:28

Instrument :

BNA_F

ClientSampleId :

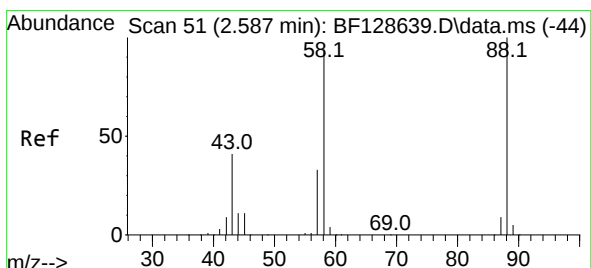
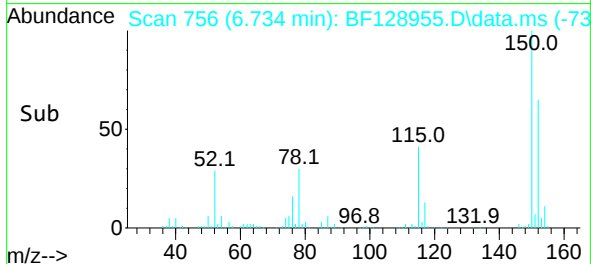
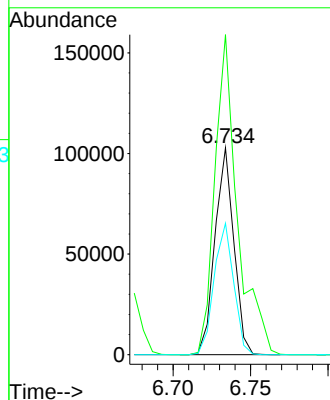
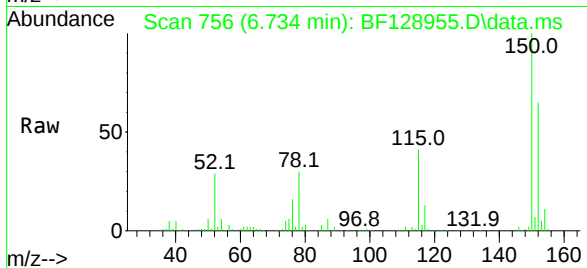
PB145722BS

Tgt Ion:152 Resp: 87028
Ion Ratio Lower Upper
152 100
150 154.7 123.7 185.5
115 63.5 49.9 74.9

Manual Integrations

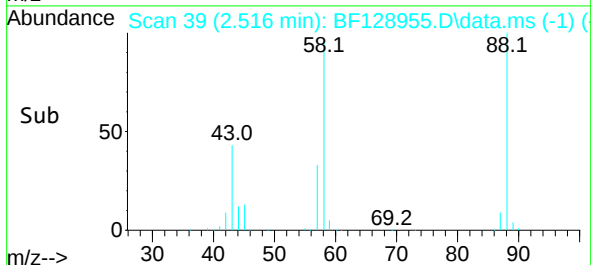
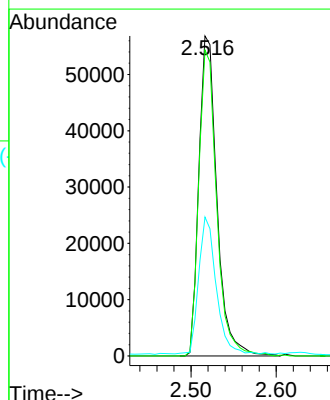
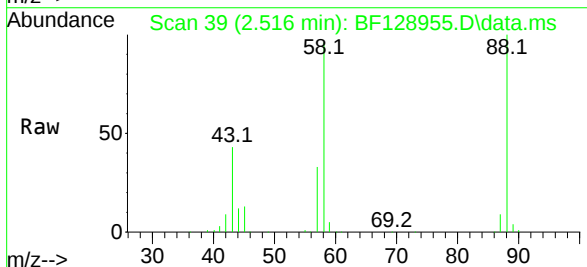
APPROVED

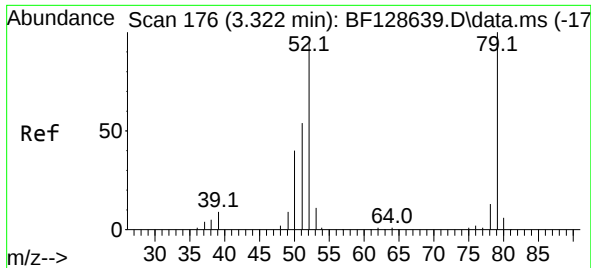
Reviewed By :Christian Giraldo 06/24/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#2
1,4-Dioxane
Concen: 41.178 ng
RT: 2.516 min Scan# 39
Delta R.T. 0.112 min
Lab File: BF128955.D
Acq: 23 Jun 2022 15:28

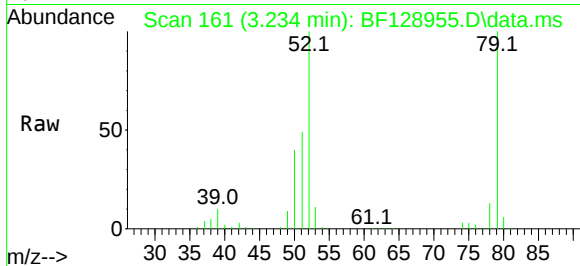
Tgt Ion: 88 Resp: 83524
Ion Ratio Lower Upper
88 100
58 94.8 71.8 107.8
43 41.4 26.6 39.8





#3
Pyridine
Concen: 42.173 ng
RT: 3.234 min Scan# 10
Delta R.T. 0.124 min
Lab File: BF128955.D
Acq: 23 Jun 2022 15:28

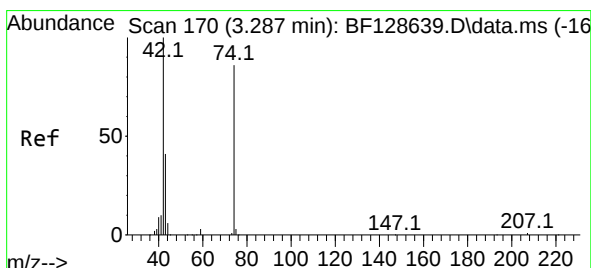
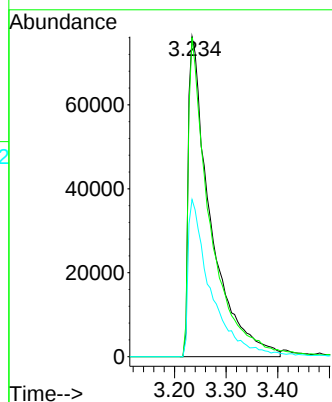
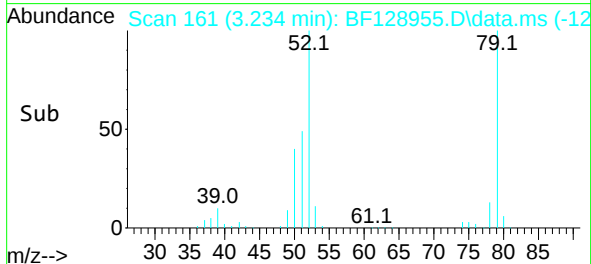
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PB145722BS



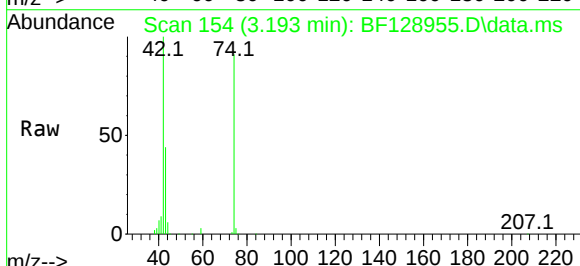
Tgt Ion: 79 Resp: 227240
Ion Ratio Lower Upper
79 100
52 99.7 68.6 102.8
51 49.1 32.9 49.3

Manual Integrations
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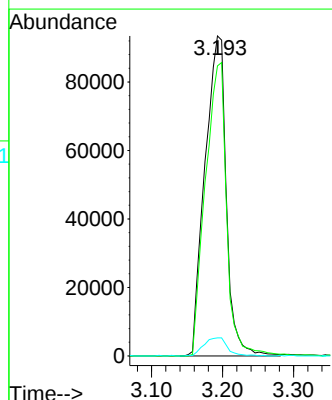
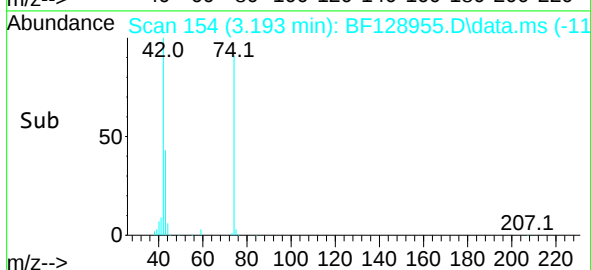
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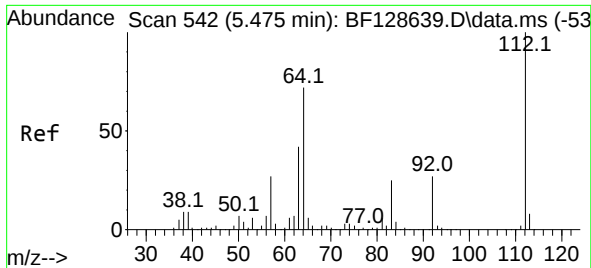


#4
n-Nitrosodimethylamine
Concen: 52.381 ng
RT: 3.193 min Scan# 154
Delta R.T. 0.112 min
Lab File: BF128955.D
Acq: 23 Jun 2022 15:28



Tgt Ion: 42 Resp: 195727
Ion Ratio Lower Upper
42 100
74 90.6 94.8 142.2#
44 5.7 6.6 10.0#





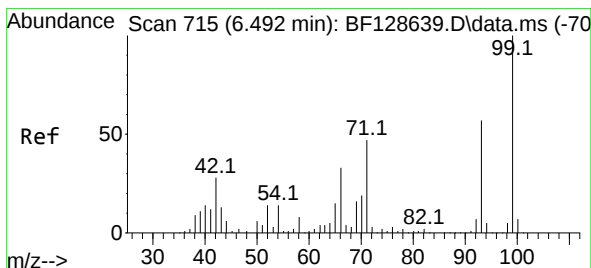
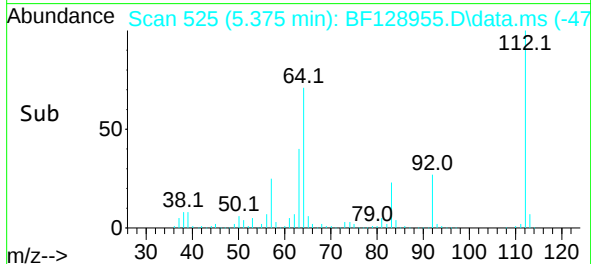
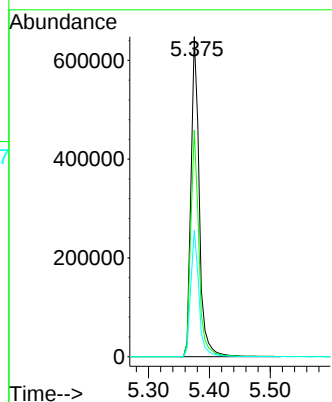
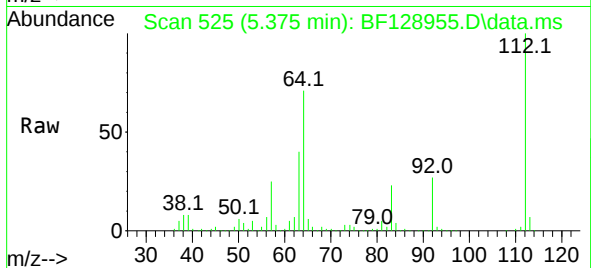
#5
2-Fluorophenol
Concen: 112.293 ng
RT: 5.375 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF128955.D
Acq: 23 Jun 2022 15:28

Instrument :
BNA_F
ClientSampleId :
PB145722BS

Tgt Ion:112 Resp: 613540
Ion Ratio Lower Upper
112 100
64 70.7 53.3 79.9
63 39.6 28.0 42.0

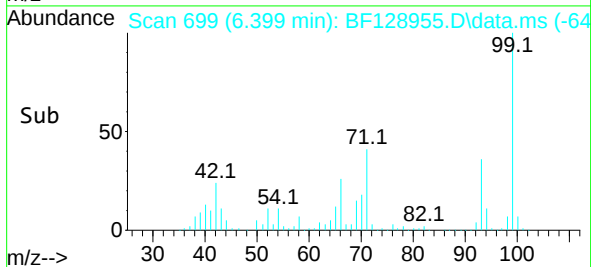
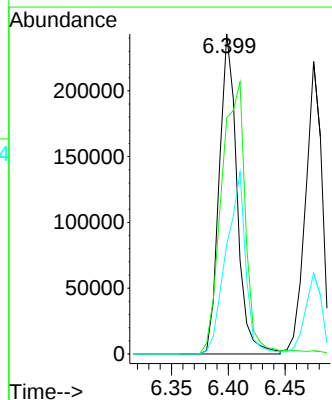
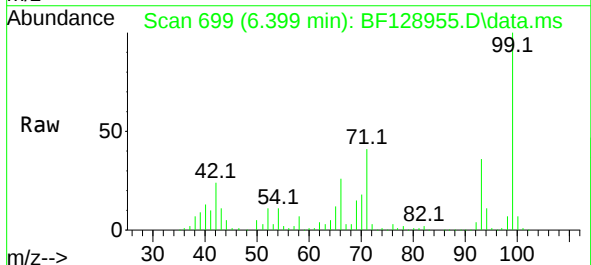
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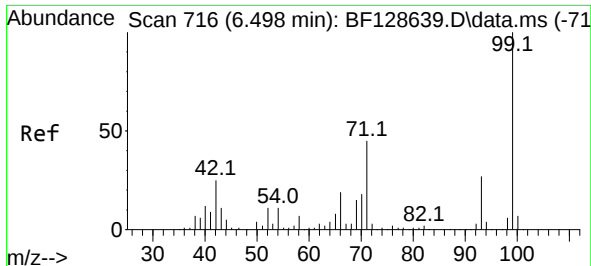
Reviewed By :Christian Giraldo 06/24/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#6
Aniline
Concen: 36.823 ng
RT: 6.399 min Scan# 699
Delta R.T. 0.000 min
Lab File: BF128955.D
Acq: 23 Jun 2022 15:28

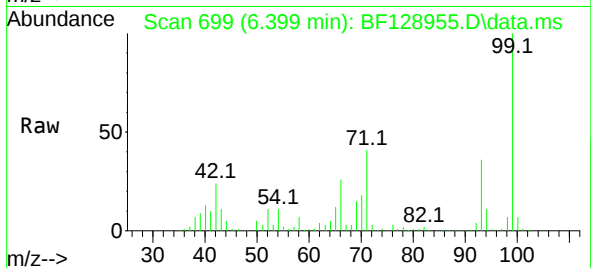
Tgt Ion: 93 Resp: 264865
Ion Ratio Lower Upper
93 100
66 73.8 32.5 48.7#
65 34.3 16.4 24.6#





#7
Phenol-d6
Concen: 116.277 ng
RT: 6.399 min Scan# 64
Delta R.T. 0.012 min
Lab File: BF128955.D
Acq: 23 Jun 2022 15:28

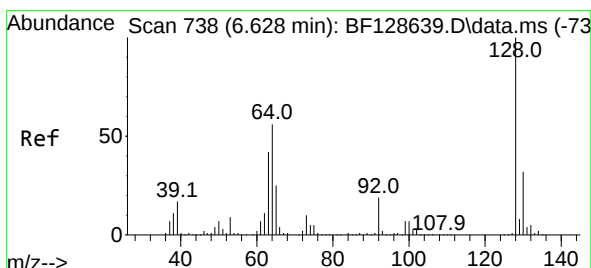
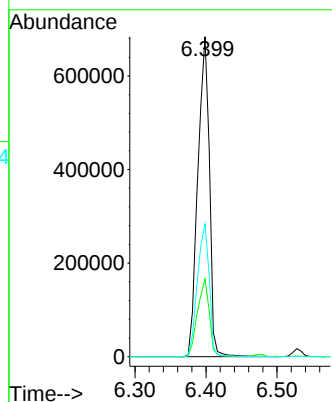
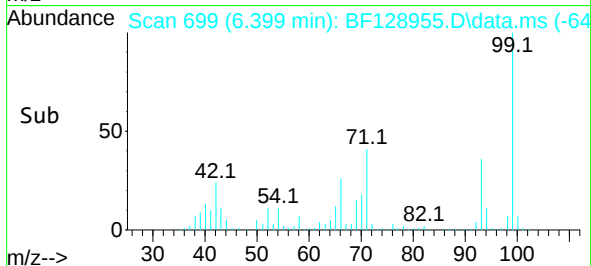
Instrument :
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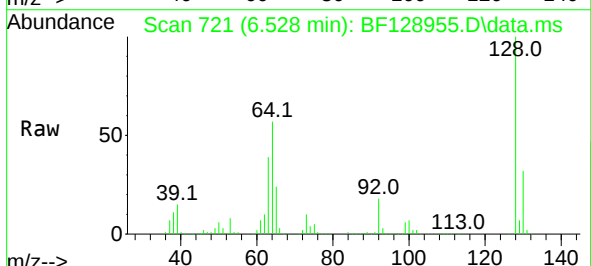
Tgt Ion: 99 Resp: 775500
Ion Ratio Lower Upper
99 100
42 24.3 17.3 25.9
71 41.5 28.9 43.3

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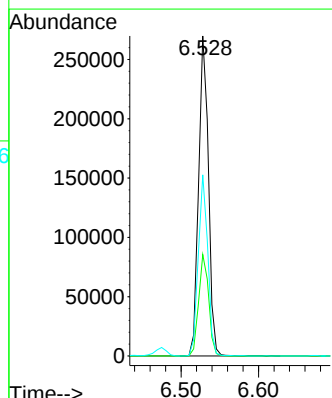
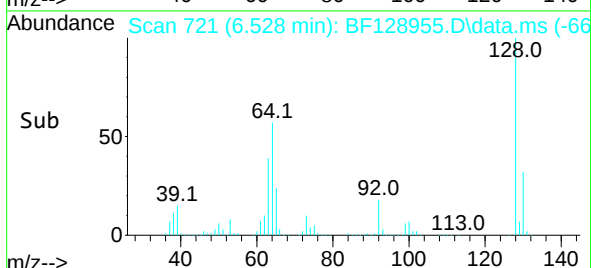
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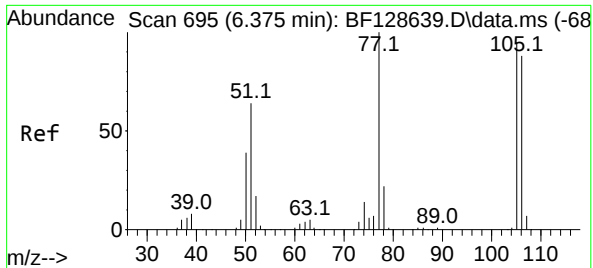


#8
2-Chlorophenol
Concen: 42.463 ng
RT: 6.528 min Scan# 721
Delta R.T. 0.006 min
Lab File: BF128955.D
Acq: 23 Jun 2022 15:28



Tgt Ion:128 Resp: 237399
Ion Ratio Lower Upper
128 100
130 31.7 13.1 53.1
64 56.6 30.9 70.9





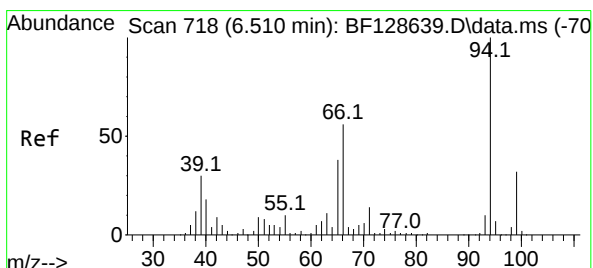
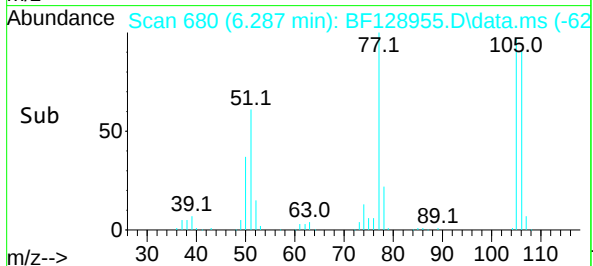
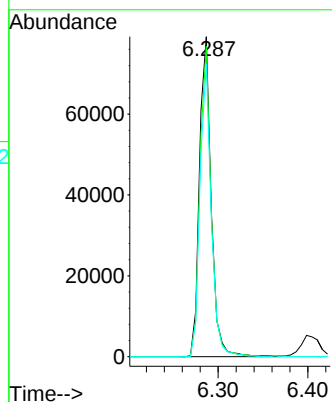
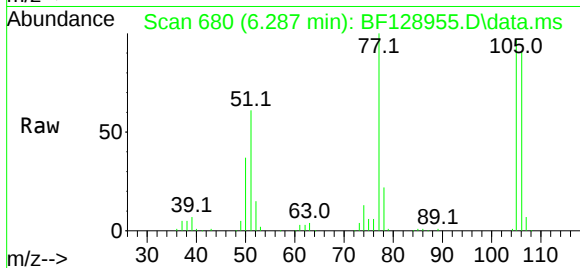
#9
Benzaldehyde
Concen: 17.739 ng
RT: 6.287 min Scan# 61
Delta R.T. 0.006 min
Lab File: BF128955.D
Acq: 23 Jun 2022 15:28

Instrument :
BNA_F
ClientSampleId :
PB145722BS

Tgt Ion: 77 Resp: 72070
Ion Ratio Lower Upper
77 100
105 96.9 81.6 121.6
106 91.3 76.1 116.1

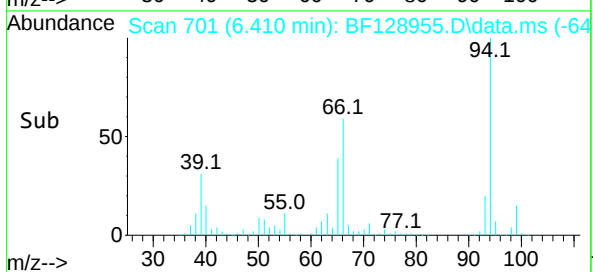
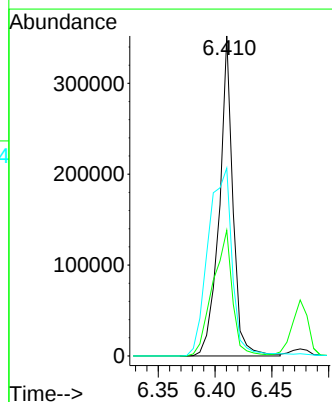
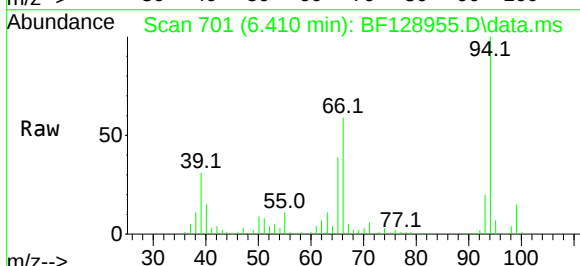
Manual Integrations
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#10
Phenol
Concen: 41.793 ng
RT: 6.410 min Scan# 701
Delta R.T. 0.006 min
Lab File: BF128955.D
Acq: 23 Jun 2022 15:28

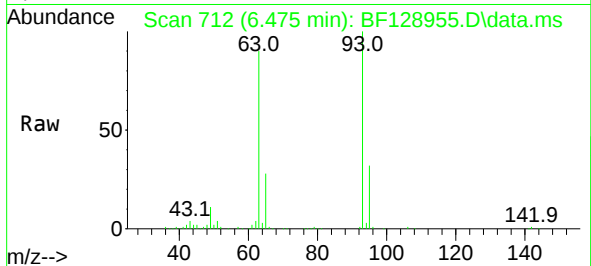
Tgt Ion: 94 Resp: 294644
Ion Ratio Lower Upper
94 100
65 39.3 11.4 51.4
66 58.7 21.4 61.4





#11
bis(2-Chloroethyl)ether
Concen: 43.069 ng
RT: 6.475 min Scan# 712
Delta R.T. 0.006 min
Lab File: BF128955.D
Acq: 23 Jun 2022 15:28

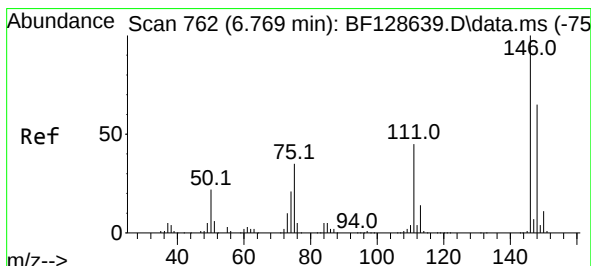
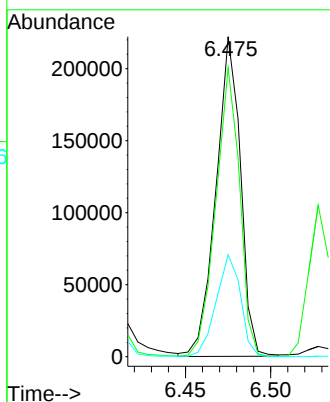
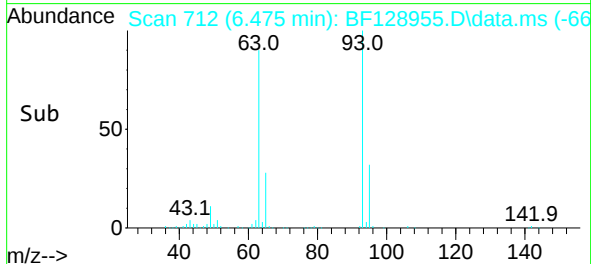
Instrument :
BNA_F
ClientSampleId :
PB145722BS



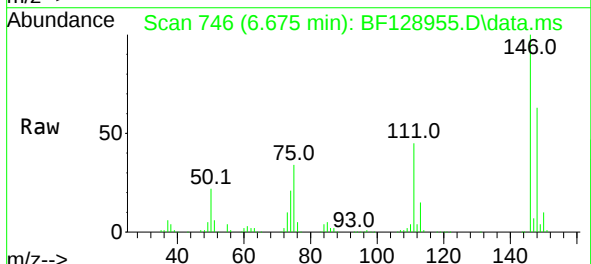
Tgt Ion: 93 Resp: 222494
Ion Ratio Lower Upper
93 100
63 90.3 67.4 107.4
95 31.9 12.7 52.7

Manual Integrations
APPROVED

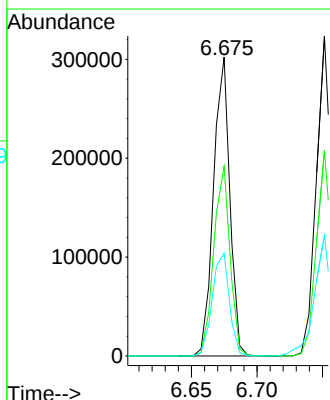
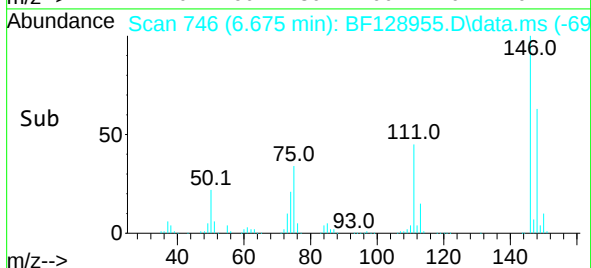
Reviewed By :Christian Giraldo 06/24/2022
Supervised By :Jagrut Upadhyay 06/28/2022

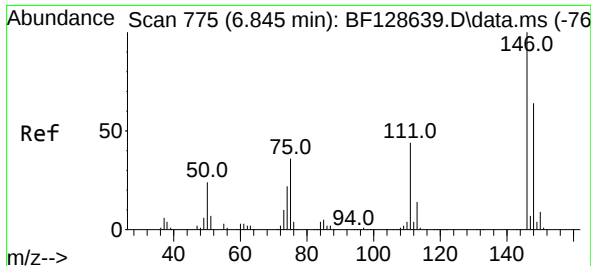


#12
1,3-Dichlorobenzene
Concen: 40.365 ng
RT: 6.675 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF128955.D
Acq: 23 Jun 2022 15:28



Tgt Ion:146 Resp: 260884
Ion Ratio Lower Upper
146 100
148 63.5 50.6 75.8
75 34.4 26.3 39.5





#13

1,4-Dichlorobenzene

Concen: 40.386 ng

RT: 6.751 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF128955.D

Acq: 23 Jun 2022 15:28

Instrument :

BNA_F

ClientSampleId :

PB145722BS

Tgt Ion:146 Resp: 26362

Ion Ratio Lower Upper

146 100

148 64.2 51.1 76.7

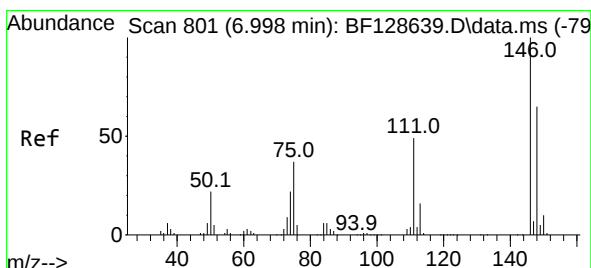
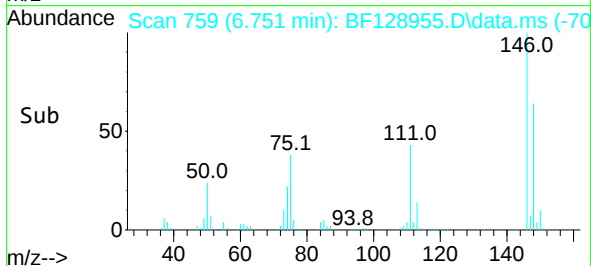
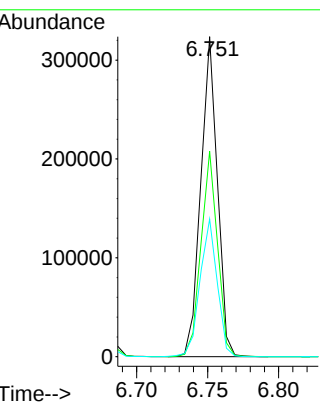
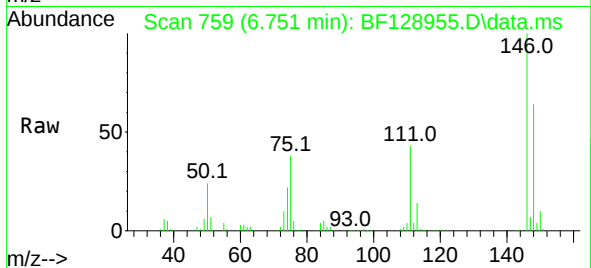
111 43.0 34.2 51.4

Manual Integrations

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Reviewed By :Christian Giraldo 06/24/2022

Supervised By :Jagrut Upadhyay 06/28/2022



#14

1,2-Dichlorobenzene

Concen: 41.653 ng

RT: 6.904 min Scan# 785

Delta R.T. 0.006 min

Lab File: BF128955.D

Acq: 23 Jun 2022 15:28

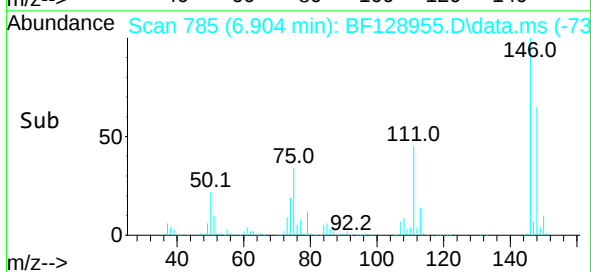
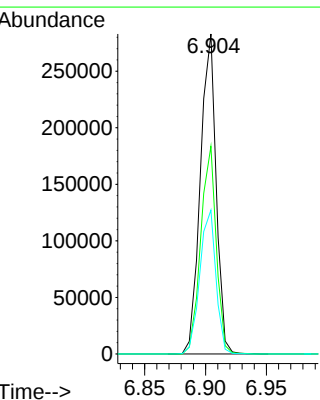
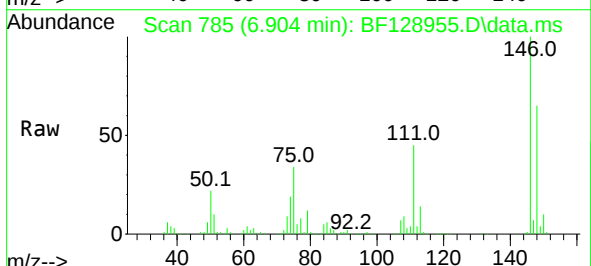
Tgt Ion:146 Resp: 254339

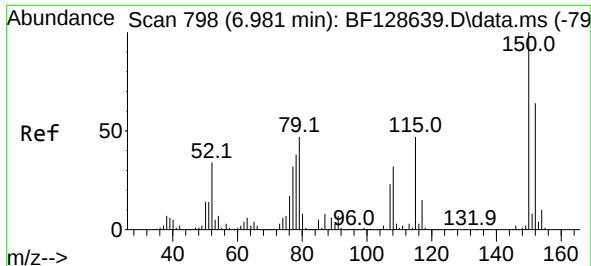
Ion Ratio Lower Upper

146 100

148 64.9 51.8 77.8

111 45.0 35.1 52.7





#15

Benzyl Alcohol

Concen: 40.177 ng

RT: 6.893 min Scan# 79

Delta R.T. 0.012 min

Lab File: BF128955.D

Acq: 23 Jun 2022 15:28

Instrument :

BNA_F

ClientSampleId :

PB145722BS

Tgt Ion: 79 Resp: 224198

Ion Ratio Lower Upper

79 100

108 68.2 61.8 92.6

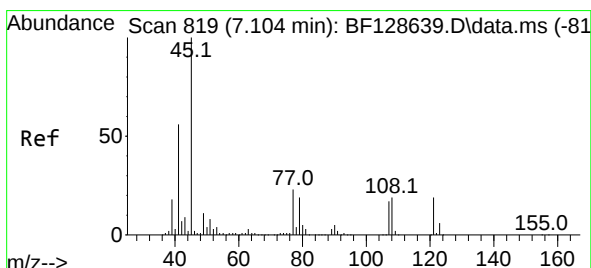
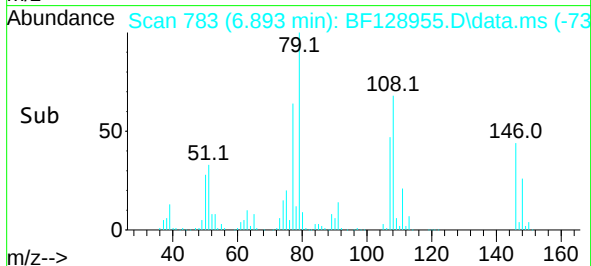
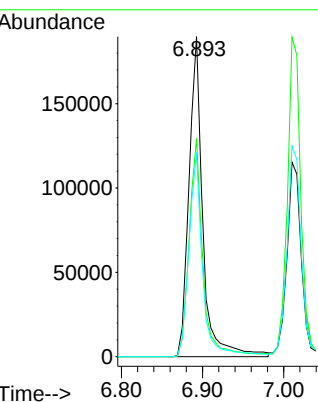
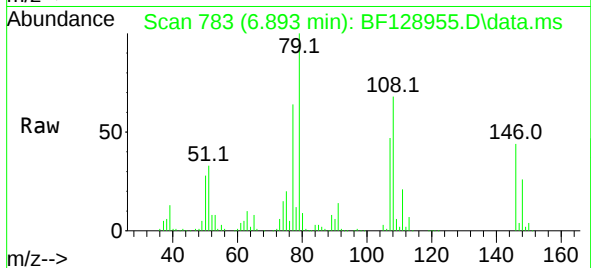
77 63.7 50.2 75.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/24/2022

Supervised By :Jagrut Upadhyay 06/28/2022



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.482 ng

RT: 7.016 min Scan# 804

Delta R.T. 0.006 min

Lab File: BF128955.D

Acq: 23 Jun 2022 15:28

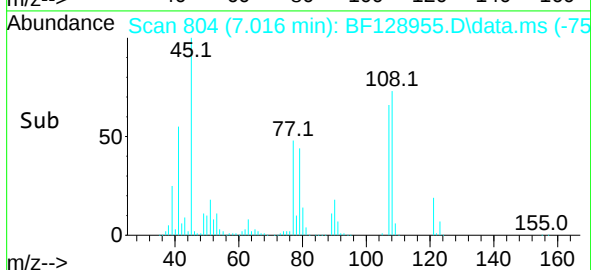
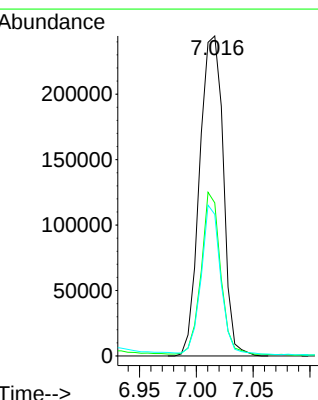
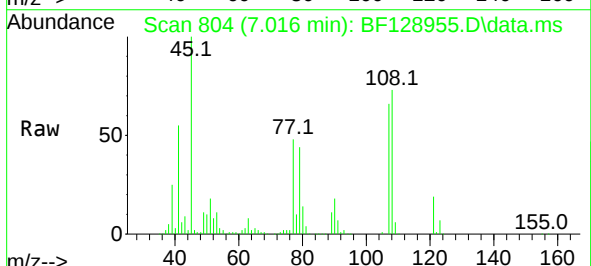
Tgt Ion: 45 Resp: 353075

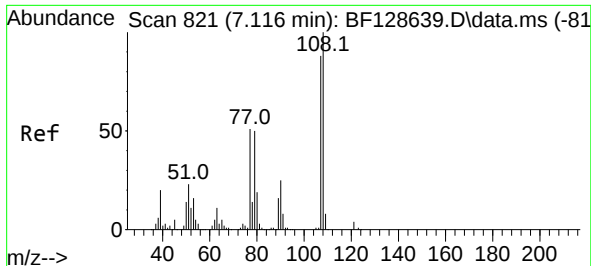
Ion Ratio Lower Upper

45 100

77 47.9 0.0 31.3#

79 44.3 0.0 28.3#





#17

2-Methylphenol

Concen: 57.833 ng

RT: 7.169 min Scan# 81

Delta R.T. 0.012 min

Lab File: BF128955.D

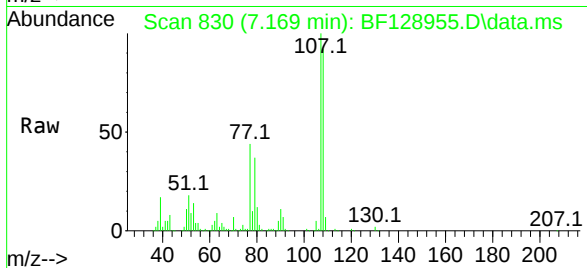
Acq: 23 Jun 2022 15:28

Instrument :

BNA_F

ClientSampleId :

PB145722BS

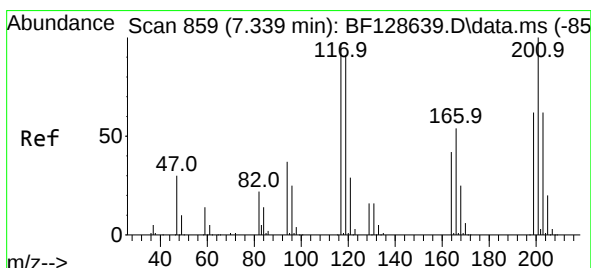
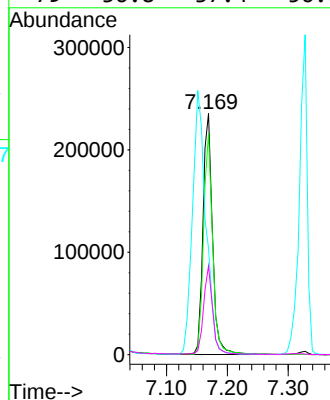
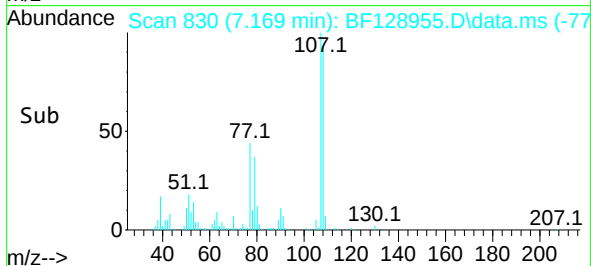


Tgt Ion:	107	Resp:	255540
Ion Ratio	Lower	Upper	
107	100		
108	91.9	91.9	137.9
77	44.2	37.8	56.8
79	36.8	37.4	56.0

Manual Integrations

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Supervised By :Jagrut Upadhyay 06/28/2022



#18

Hexachloroethane

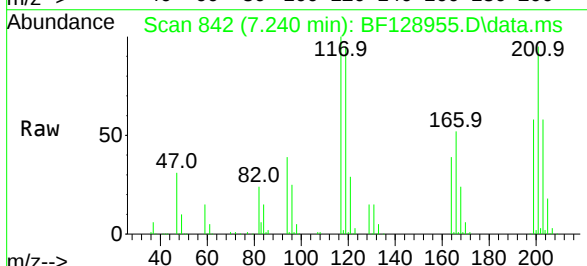
Concen: 43.134 ng

RT: 7.240 min Scan# 842

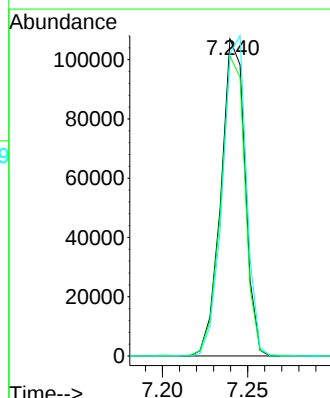
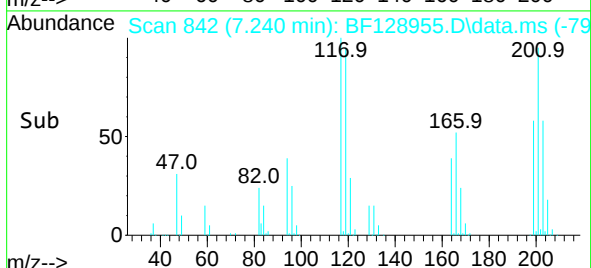
Delta R.T. 0.006 min

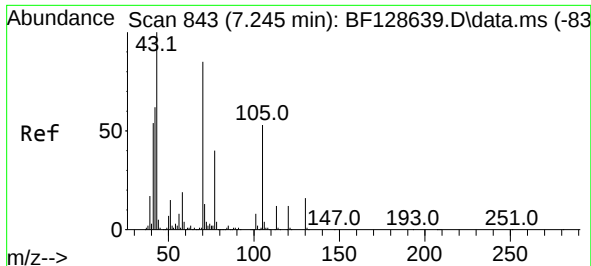
Lab File: BF128955.D

Acq: 23 Jun 2022 15:28



Tgt Ion:	117	Resp:	104752
Ion Ratio	Lower	Upper	
117	100		
119	94.7	77.4	116.2
201	95.4	84.6	127.0





#19

n-Nitroso-di-n-propylamine

Concen: 45.013 ng

RT: 7.157 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF128955.D

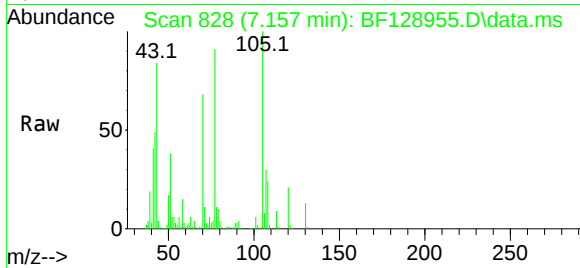
Acq: 23 Jun 2022 15:28

Instrument :

BNA_F

ClientSampleId :

PB145722BS



Tgt Ion: 70 Resp: 18665

Ion Ratio Lower Upper

70 100

42 71.3 52.3 78.5

101 9.0 7.5 11.3

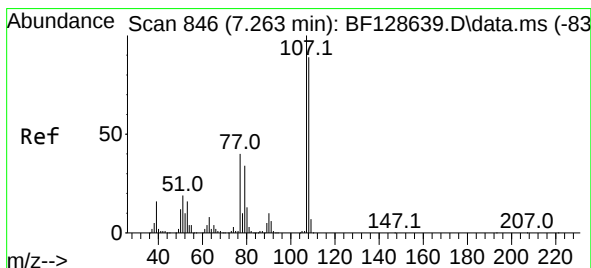
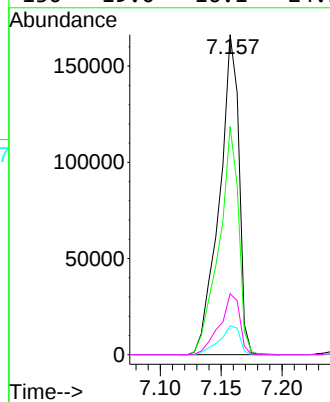
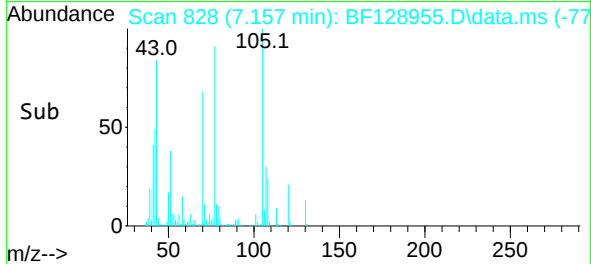
130 19.0 16.1 24.1

Manual Integrations

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Reviewed By :Christian Giraldo 06/24/2022

Supervised By :Jagrut Upadhyay 06/28/2022



#20

3+4-Methylphenols

Concen: 43.319 ng

RT: 7.169 min Scan# 830

Delta R.T. 0.012 min

Lab File: BF128955.D

Acq: 23 Jun 2022 15:28

Tgt Ion:107 Resp: 255540

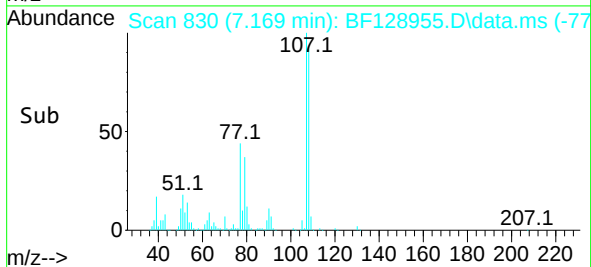
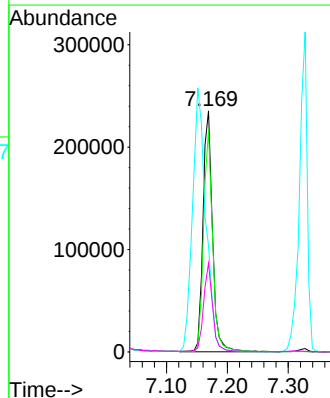
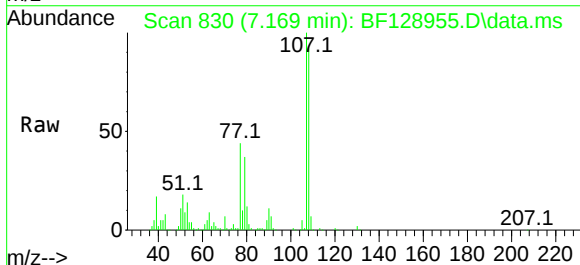
Ion Ratio Lower Upper

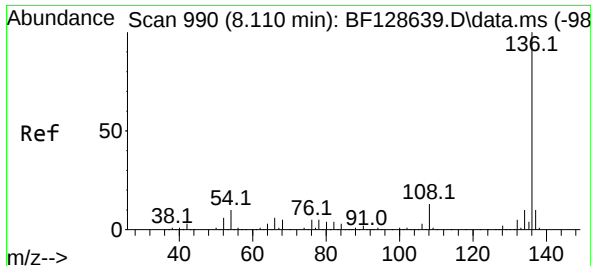
107 100

108 91.9 71.8 111.8

77 44.2 59.3 99.3#

79 36.8 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 91
Delta R.T. 0.012 min
Lab File: BF128955.D
Acq: 23 Jun 2022 15:28

Instrument :

BNA_F

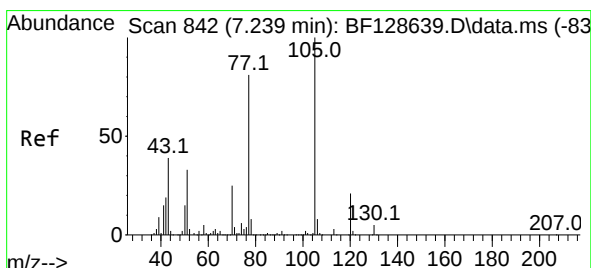
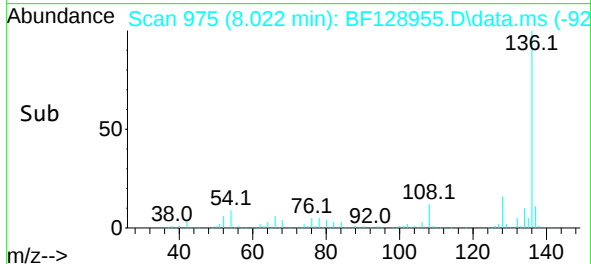
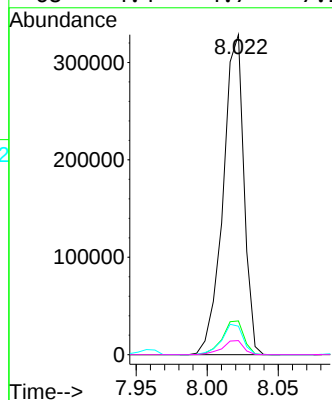
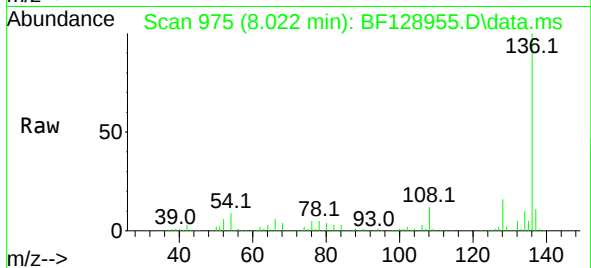
ClientSampleId :

PB145722BS

Tgt Ion:136 Resp: 33480
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 8.9 7.5 11.3
68 4.4 4.7 7.1#

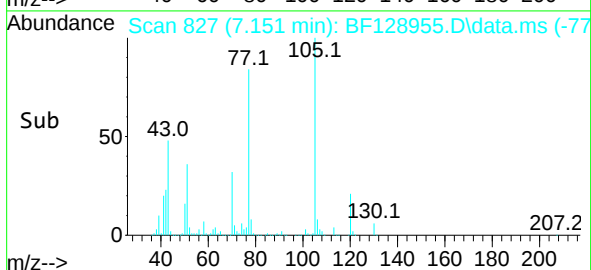
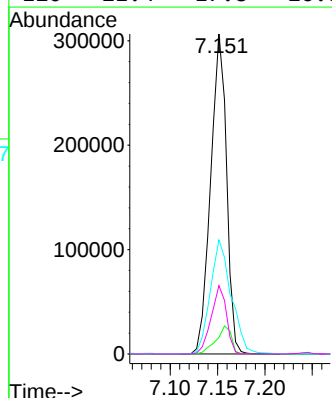
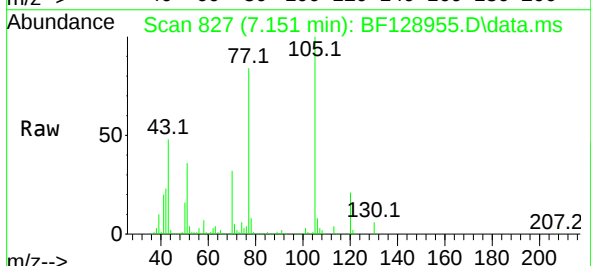
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 06/24/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#22
Acetophenone
Concen: 40.939 ng
RT: 7.151 min Scan# 827
Delta R.T. 0.006 min
Lab File: BF128955.D
Acq: 23 Jun 2022 15:28

Tgt Ion:105 Resp: 358486
Ion Ratio Lower Upper
105 100
71 5.2 5.0 7.4
51 35.6 25.0 37.4
120 21.4 17.8 26.8





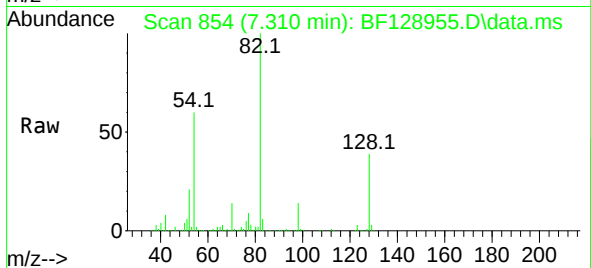
#23
Nitrobenzene-d5
Concen: 77.836 ng
RT: 7.310 min Scan# 854
Delta R.T. 0.006 min
Lab File: BF128955.D
Acq: 23 Jun 2022 15:28

Instrument :

BNA_F

ClientSampleId :

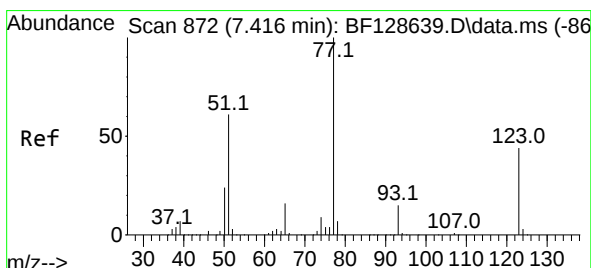
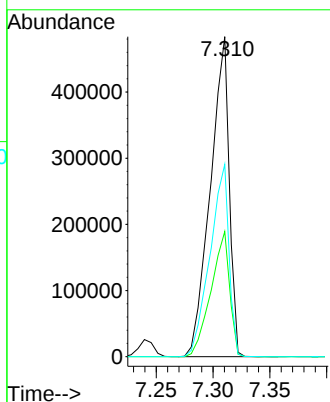
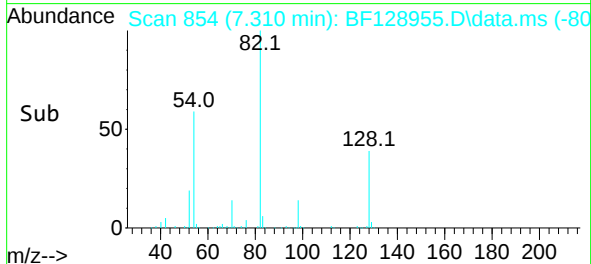
PB145722BS



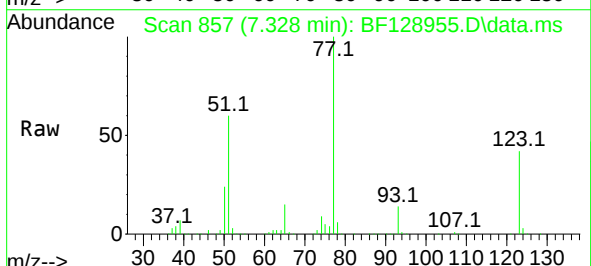
Tgt Ion: 82 Resp: 559714
Ion Ratio Lower Upper
82 100
128 39.1 34.0 51.0
54 60.1 46.9 70.3

Manual Integrations
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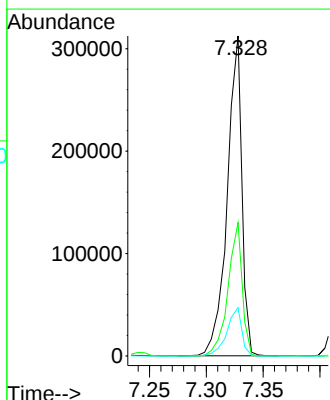
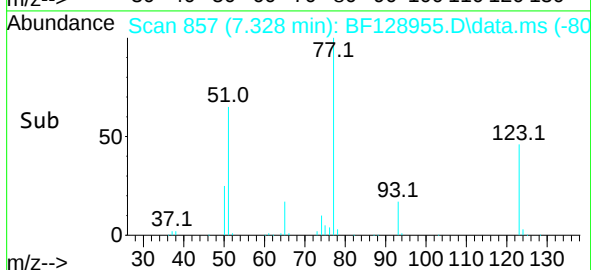
Reviewed By :Christian Giraldo 06/24/2022
Supervised By :Jagrut Upadhyay 06/28/2022

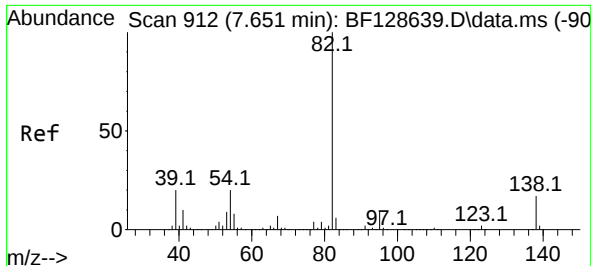


#24
Nitrobenzene
Concen: 42.515 ng
RT: 7.328 min Scan# 857
Delta R.T. 0.006 min
Lab File: BF128955.D
Acq: 23 Jun 2022 15:28



Tgt Ion: 77 Resp: 280673
Ion Ratio Lower Upper
77 100
123 41.6 35.4 53.2
65 15.1 11.8 17.8





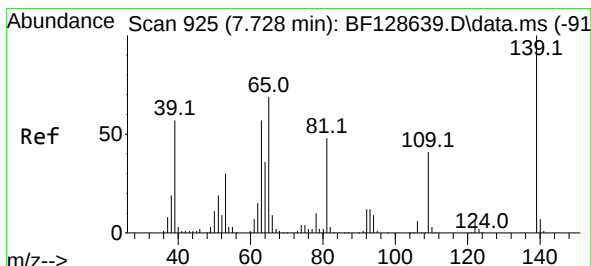
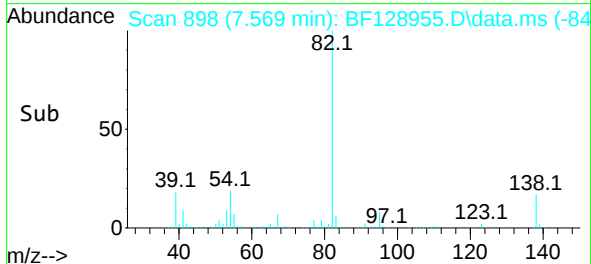
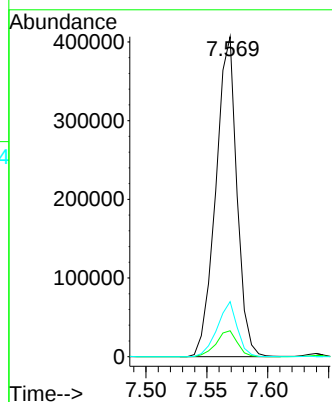
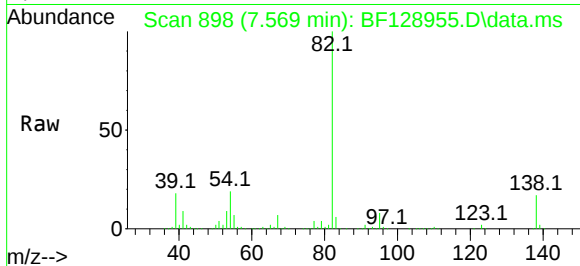
#25
Isophorone
Concen: 44.861 ng
RT: 7.569 min Scan# 898
Delta R.T. 0.006 min
Lab File: BF128955.D
Acq: 23 Jun 2022 15:28

Instrument :
BNA_F
ClientSampleId :
PB145722BS

Tgt Ion: 82 Resp: 489950
Ion Ratio Lower Upper
82 100
95 8.1 5.7 8.5
138 17.2 14.2 21.2

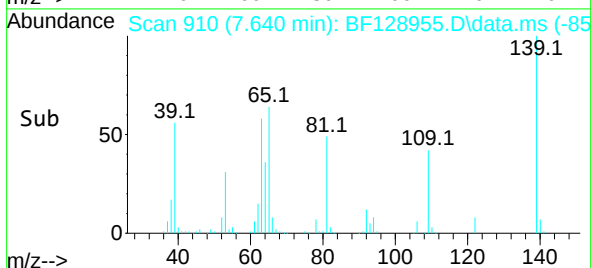
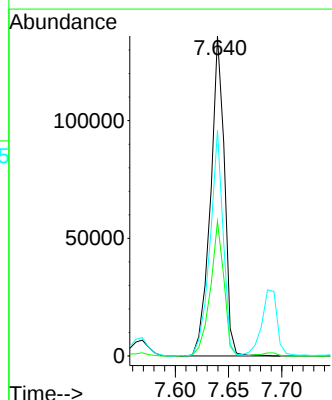
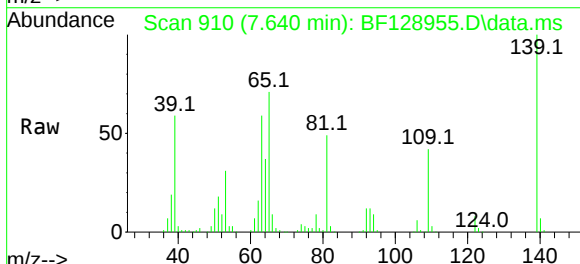
Manual Integrations
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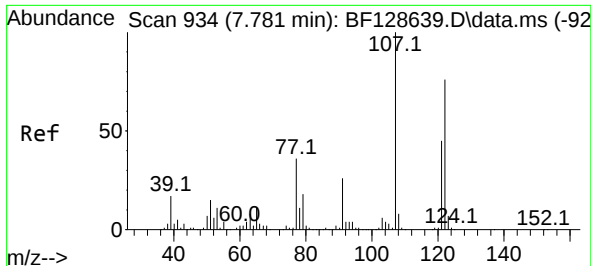
Reviewed By :Christian Giraldo 06/24/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#26
2-Nitrophenol
Concen: 42.635 ng
RT: 7.640 min Scan# 910
Delta R.T. 0.006 min
Lab File: BF128955.D
Acq: 23 Jun 2022 15:28

Tgt Ion:139 Resp: 124013
Ion Ratio Lower Upper
139 100
109 42.1 25.0 37.4#
65 70.6 45.1 67.7#





#27

2,4-Dimethylphenol

Concen: 48.296 ng

RT: 7.693 min Scan# 91

Delta R.T. 0.012 min

Lab File: BF128955.D

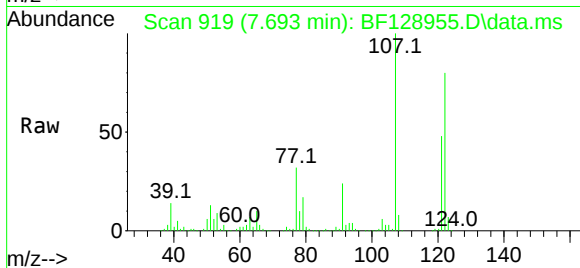
Acq: 23 Jun 2022 15:28

Instrument :

BNA_F

ClientSampleId :

PB145722BS

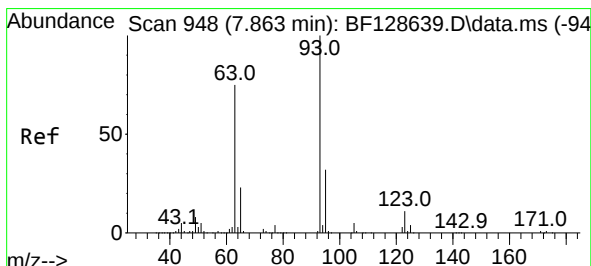
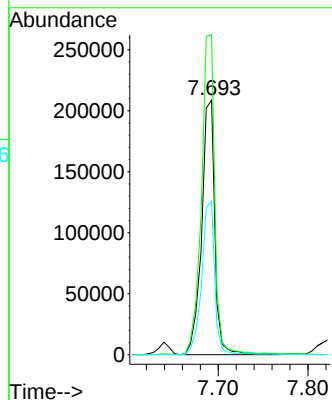
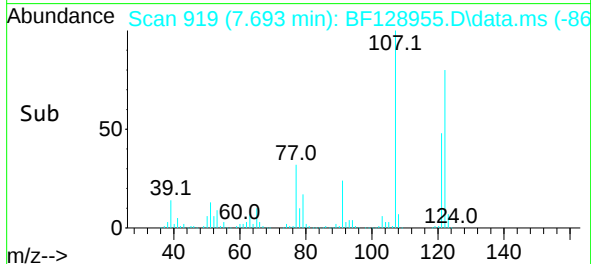


Tgt Ion:	122	Resp:	21399
Ion	Ratio	Lower	Upper
122	100		
107	125.7	93.0	139.6
121	60.3	46.6	70.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/24/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#28

bis(2-Chloroethoxy)methane

Concen: 41.045 ng

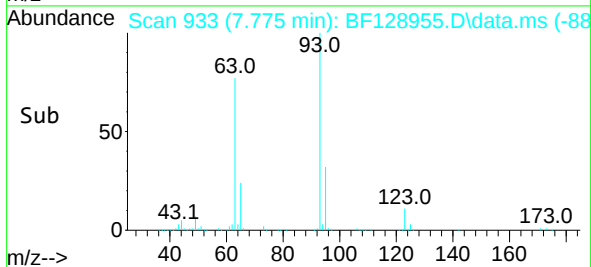
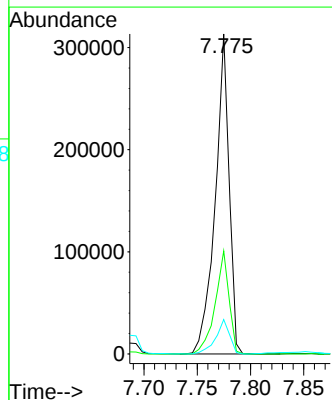
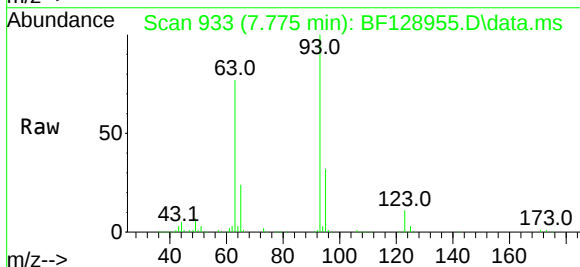
RT: 7.775 min Scan# 933

Delta R.T. 0.006 min

Lab File: BF128955.D

Acq: 23 Jun 2022 15:28

Tgt Ion:	93	Resp:	283376
Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.8	40.2
123	10.7	9.2	13.8





#29

2,4-Dichlorophenol

Concen: 40.459 ng

RT: 7.893 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF128955.D

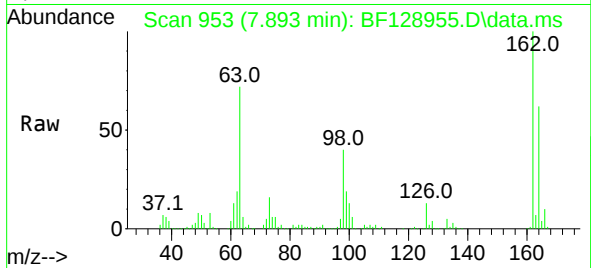
Acq: 23 Jun 2022 15:28

Instrument :

BNA_F

ClientSampleId :

PB145722BS



Tgt Ion:162 Resp: 20748

Ion Ratio Lower Upper

162 100

164 62.4 44.2 84.2

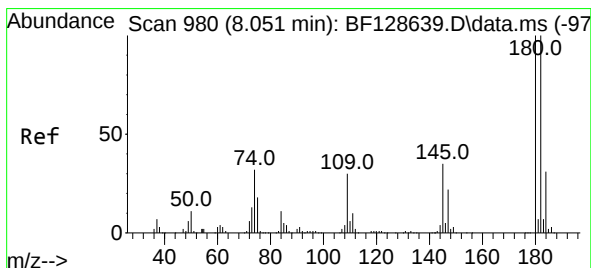
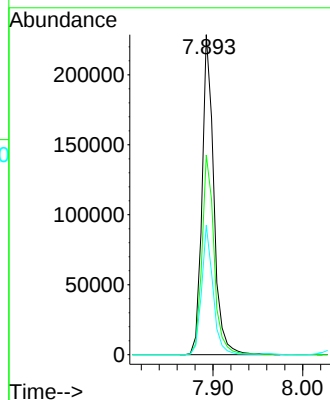
98 40.4 19.6 59.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/24/2022

Supervised By :Jagrut Upadhyay 06/28/2022



#30

1,2,4-Trichlorobenzene

Concen: 39.344 ng

RT: 7.963 min Scan# 965

Delta R.T. 0.006 min

Lab File: BF128955.D

Acq: 23 Jun 2022 15:28

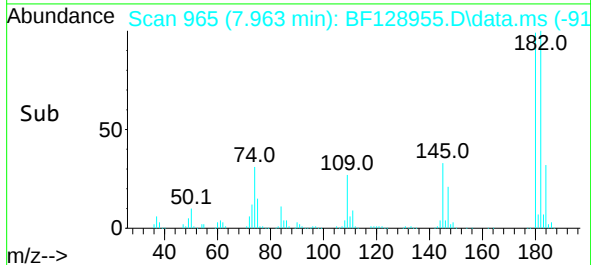
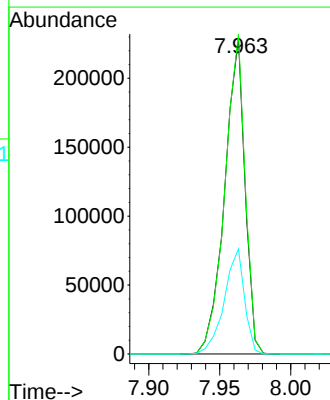
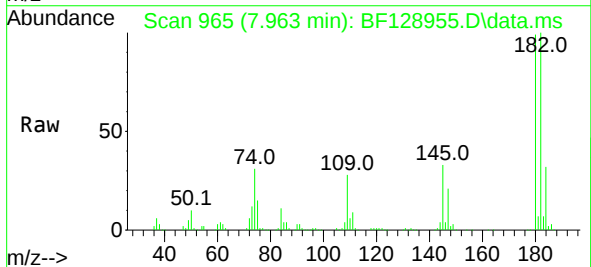
Tgt Ion:180 Resp: 227181

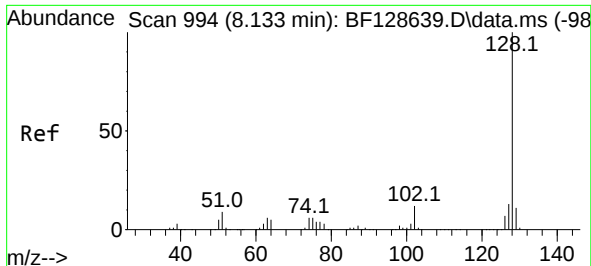
Ion Ratio Lower Upper

180 100

182 101.3 79.2 118.8

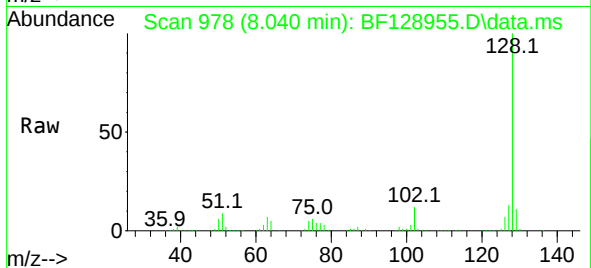
145 33.3 26.2 39.2





#31
Naphthalene
Concen: 40.708 ng
RT: 8.040 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF128955.D
Acq: 23 Jun 2022 15:28

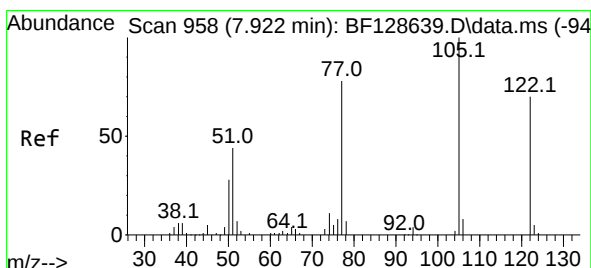
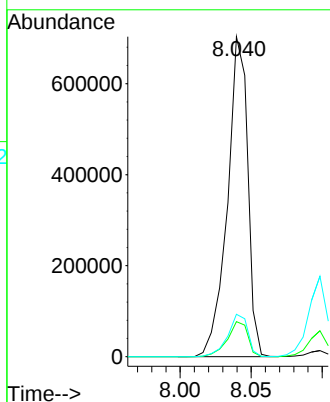
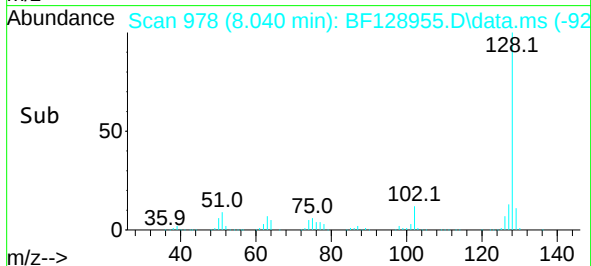
Instrument :
BNA_F
ClientSampleId :
PB145722BS



Tgt Ion:128 Resp: 699450
Ion Ratio Lower Upper
128 100
129 10.9 9.2 13.8
127 13.3 10.5 15.7

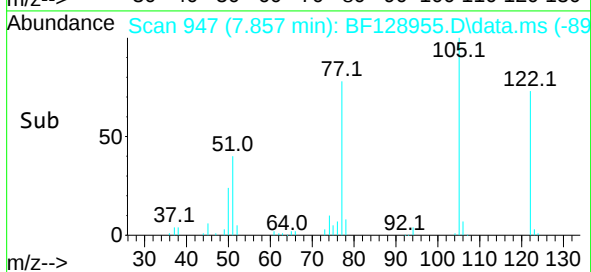
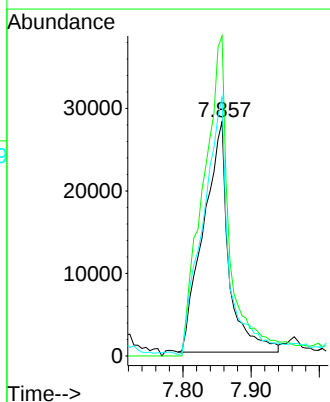
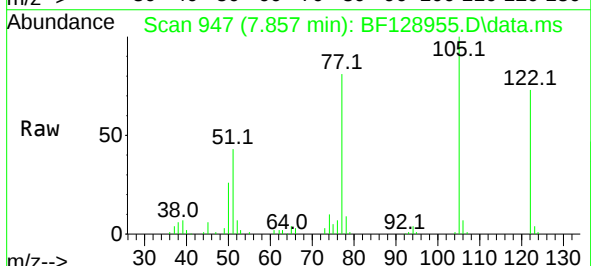
Manual Integrations
APPROVED

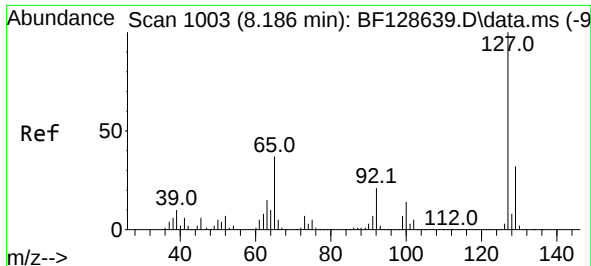
Reviewed By :Christian Giraldo 06/24/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#32
Benzoic acid
Concen: 23.072 ng
RT: 7.857 min Scan# 947
Delta R.T. 0.012 min
Lab File: BF128955.D
Acq: 23 Jun 2022 15:28

Tgt Ion:122 Resp: 72530
Ion Ratio Lower Upper
122 100
105 136.6 107.1 147.1
77 110.4 74.2 114.2





#33
4-Chloroaniline
Concen: 30.054 ng
RT: 8.098 min Scan# 911
Delta R.T. 0.006 min
Lab File: BF128955.D
Acq: 23 Jun 2022 15:28

Instrument :

BNA_F

ClientSampleId :

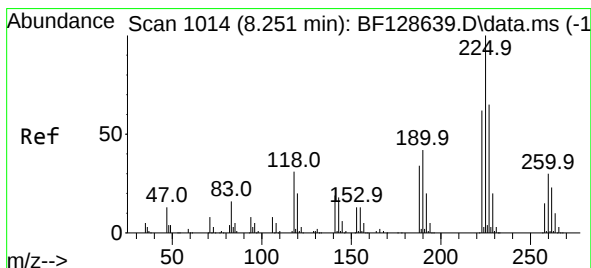
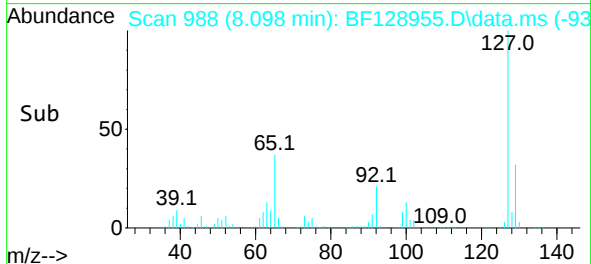
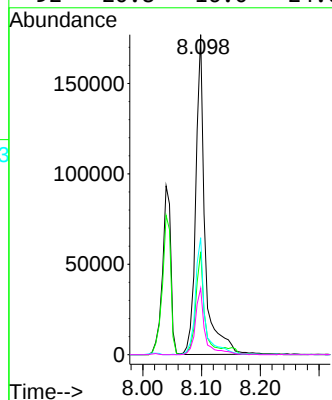
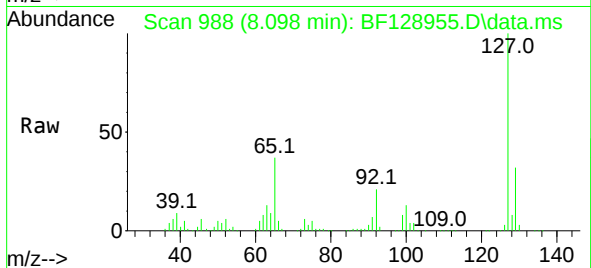
PB145722BS

Tgt Ion:127 Resp: 19469
Ion Ratio Lower Upper
127 100
129 32.1 26.4 39.6
65 36.5 26.4 39.6
92 20.8 16.0 24.0

Manual Integrations

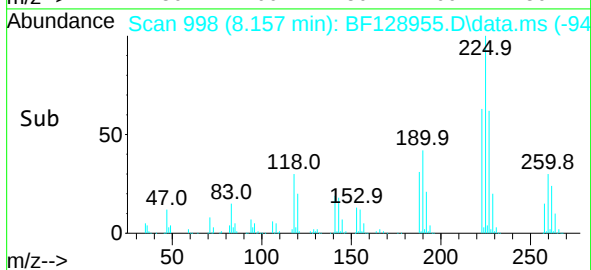
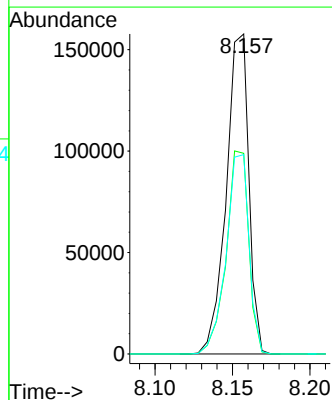
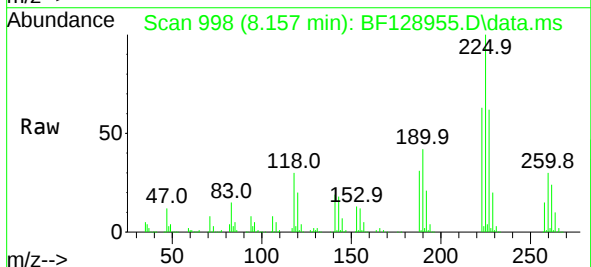
APPROVED

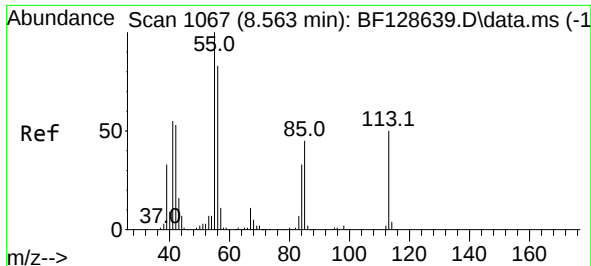
Reviewed By :Christian Giraldo 06/24/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#34
Hexachlorobutadiene
Concen: 39.039 ng
RT: 8.157 min Scan# 998
Delta R.T. 0.012 min
Lab File: BF128955.D
Acq: 23 Jun 2022 15:28

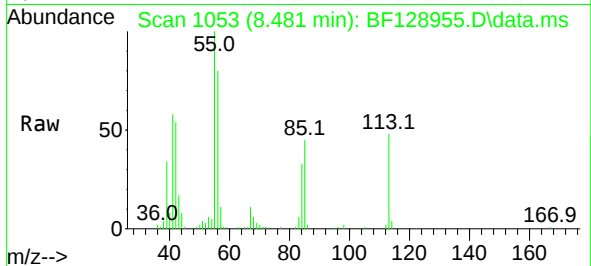
Tgt Ion:225 Resp: 159869
Ion Ratio Lower Upper
225 100
223 62.7 51.0 76.6
227 62.3 51.1 76.7





#35
Caprolactam
Concen: 43.318 ng m
RT: 8.481 min Scan# 1053
Delta R.T. 0.006 min
Lab File: BF128955.D
Acq: 23 Jun 2022 15:28

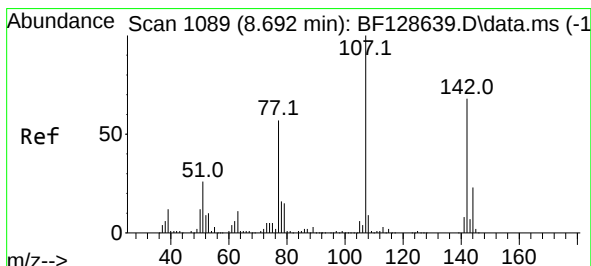
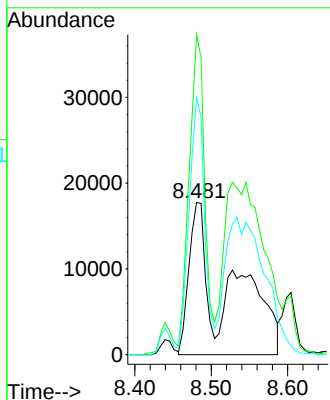
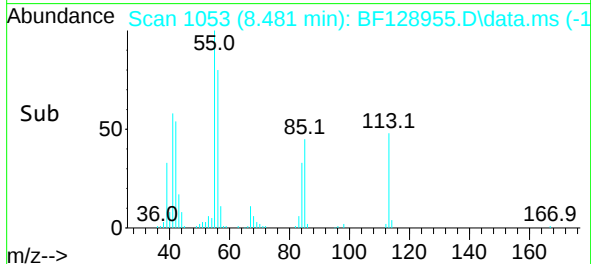
Instrument :
BNA_F
ClientSampleId :
PB145722BS



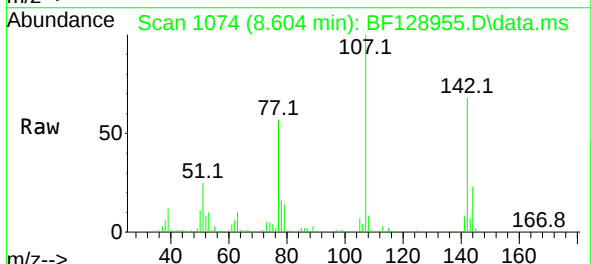
Tgt Ion:113 Resp: 61429
Ion Ratio Lower Upper
113 100
55 210.3 188.5 228.5
56 169.2 130.6 170.6

Manual Integrations
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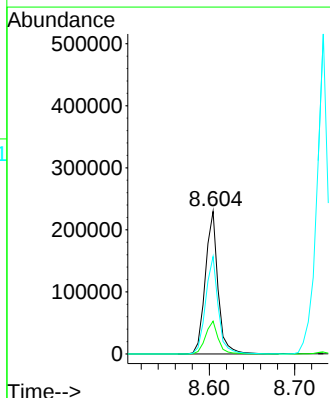
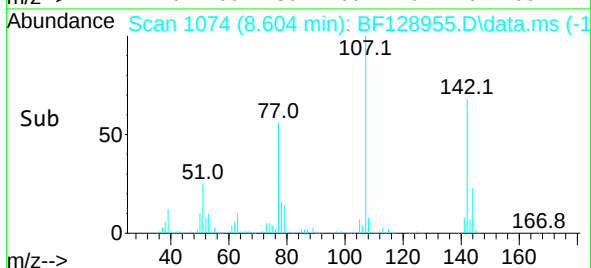
Reviewed By :Christian Giraldo 06/24/2022
Supervised By :Jagrut Upadhyay 06/28/2022

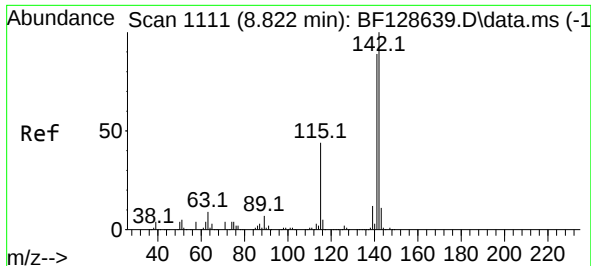


#36
4-Chloro-3-methylphenol
Concen: 42.438 ng
RT: 8.604 min Scan# 1074
Delta R.T. 0.012 min
Lab File: BF128955.D
Acq: 23 Jun 2022 15:28



Tgt Ion:107 Resp: 237513
Ion Ratio Lower Upper
107 100
144 23.0 19.5 29.3
142 68.3 58.2 87.4





#37

2-Methylnaphthalene

Concen: 41.509 ng

RT: 8.734 min Scan# 1109

Delta R.T. 0.006 min

Lab File: BF128955.D

Acq: 23 Jun 2022 15:28

Instrument :

BNA_F

ClientSampleId :

PB145722BS

Tgt Ion:142 Resp: 45364

Ion Ratio Lower Upper

142 100

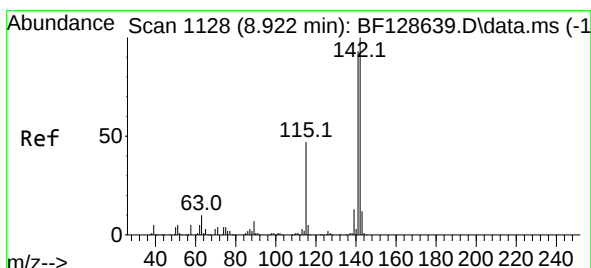
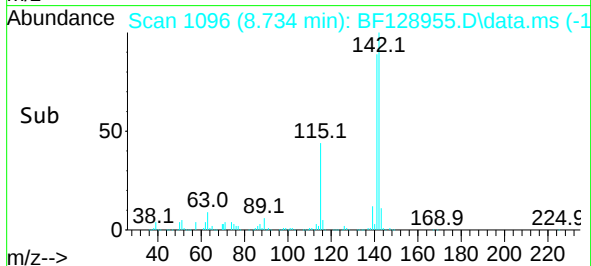
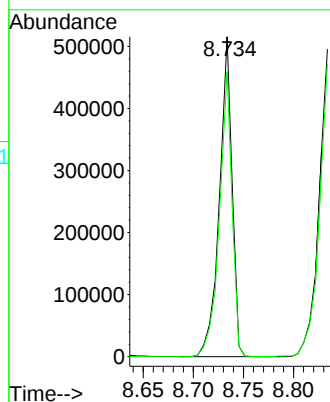
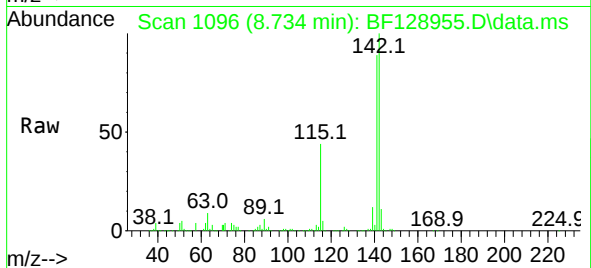
141 89.1 71.0 106.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/24/2022

Supervised By :Jagrut Upadhyay 06/28/2022



#38

1-Methylnaphthalene

Concen: 41.153 ng

RT: 8.834 min Scan# 1113

Delta R.T. 0.012 min

Lab File: BF128955.D

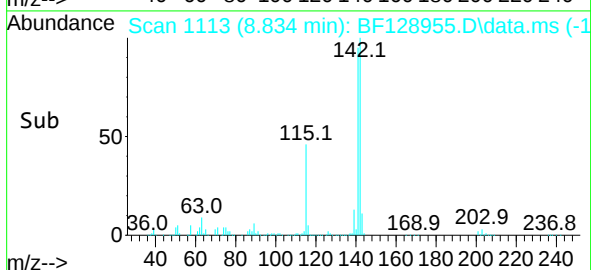
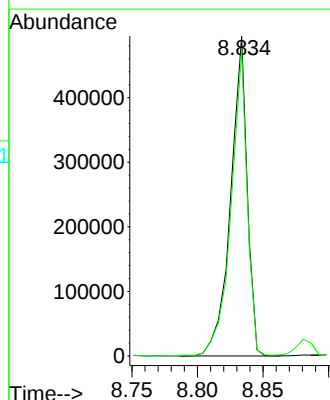
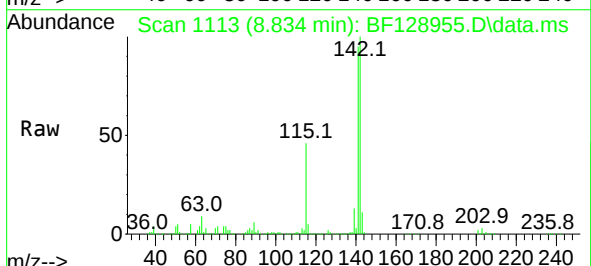
Acq: 23 Jun 2022 15:28

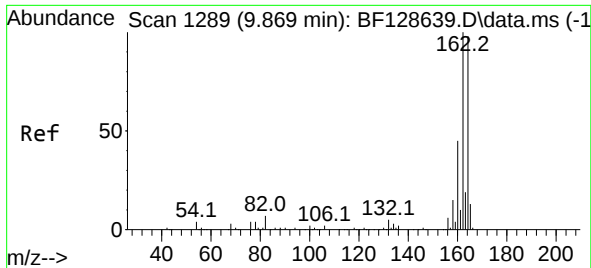
Tgt Ion:142 Resp: 434530

Ion Ratio Lower Upper

142 100

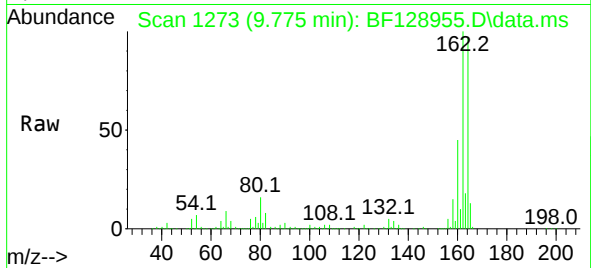
141 95.3 74.2 111.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1124
Delta R.T. 0.006 min
Lab File: BF128955.D
Acq: 23 Jun 2022 15:28

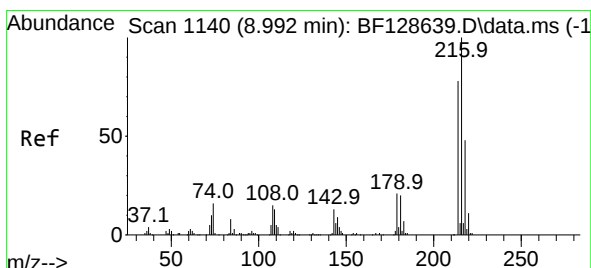
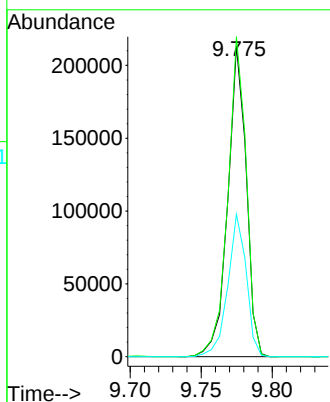
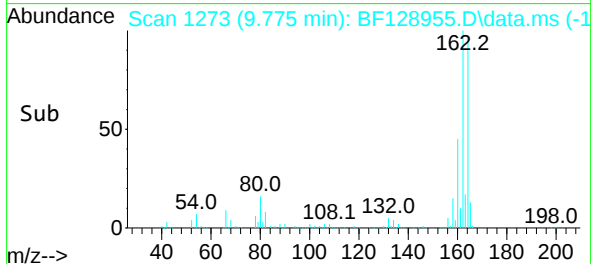
Instrument :
BNA_F
ClientSampleId :
PB145722BS



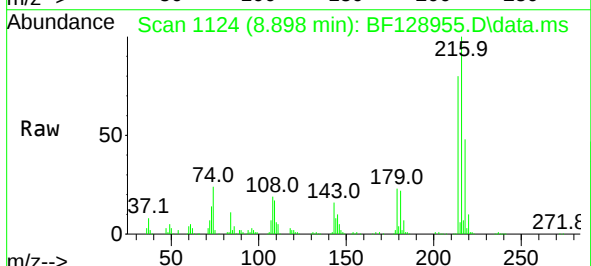
Tgt Ion:164 Resp: 192789
Ion Ratio Lower Upper
164 100
162 103.2 79.5 119.3
160 45.9 34.2 51.4

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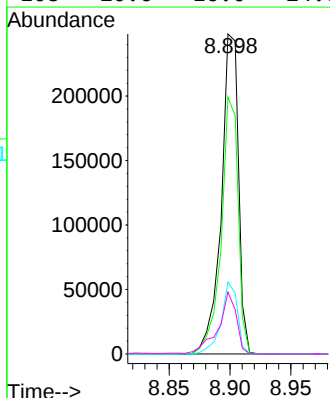
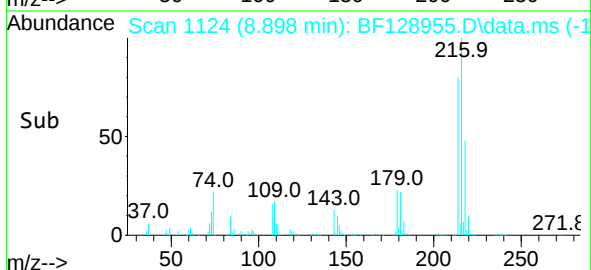
Reviewed By :Christian Giraldo 06/24/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.900 ng
RT: 8.898 min Scan# 1124
Delta R.T. 0.006 min
Lab File: BF128955.D
Acq: 23 Jun 2022 15:28



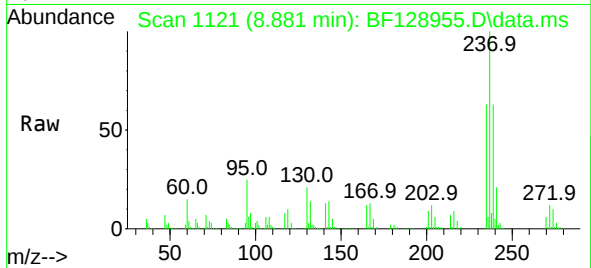
Tgt Ion:216 Resp: 244887
Ion Ratio Lower Upper
216 100
214 78.3 63.6 95.4
179 21.2 17.0 25.6
108 20.6 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 52.782 ng
RT: 8.881 min Scan# 1137
Delta R.T. 0.006 min
Lab File: BF128955.D
Acq: 23 Jun 2022 15:28

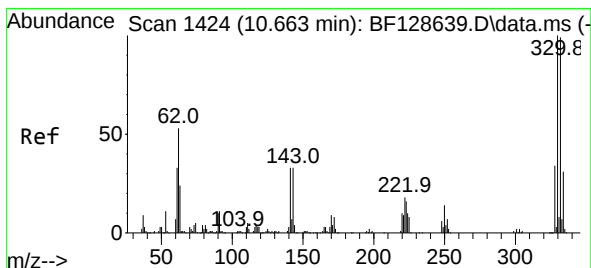
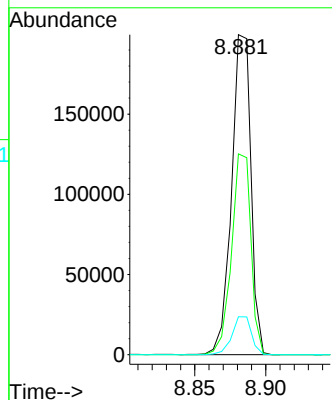
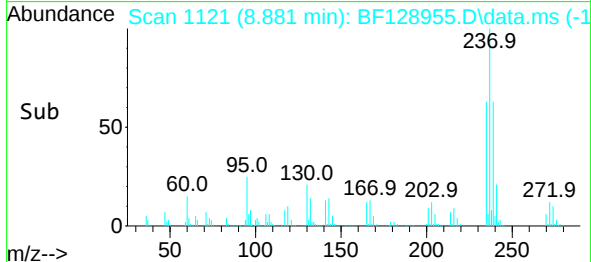
Instrument :
BNA_F
ClientSampleId :
PB145722BS



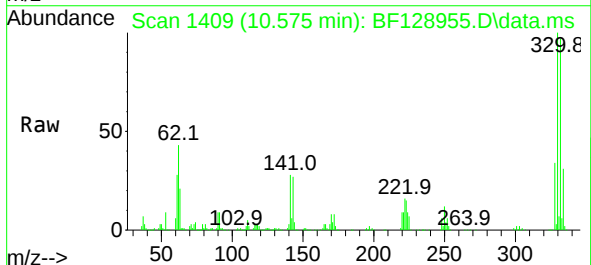
Tgt Ion: 237 Resp: 189960
Ion Ratio Lower Upper
237 100
235 62.7 43.2 83.2
272 11.9 0.0 31.9

Manual Integrations
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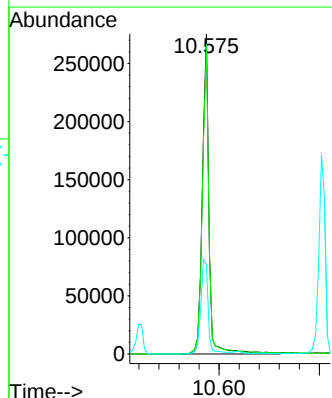
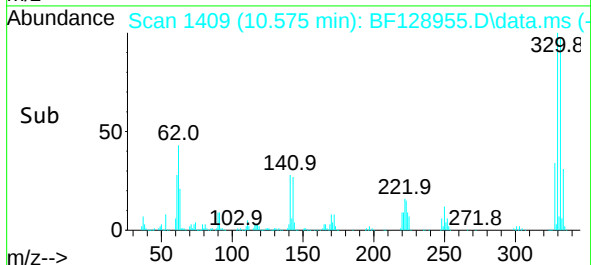
Reviewed By : Christian Giraldo 06/24/2022
Supervised By : Jagrut Upadhyay 06/28/2022

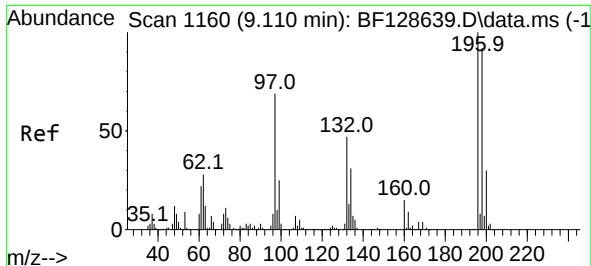


#42
2,4,6-Tribromophenol
Concen: 110.108 ng
RT: 10.575 min Scan# 1409
Delta R.T. 0.012 min
Lab File: BF128955.D
Acq: 23 Jun 2022 15:28



Tgt Ion: 330 Resp: 250814
Ion Ratio Lower Upper
330 100
332 95.0 76.8 115.2
141 33.1 28.0 42.0





#43

2,4,6-Trichlorophenol

Concen: 35.320 ng

RT: 9.022 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF128955.D

Acq: 23 Jun 2022 15:28

Instrument :

BNA_F

ClientSampleId :

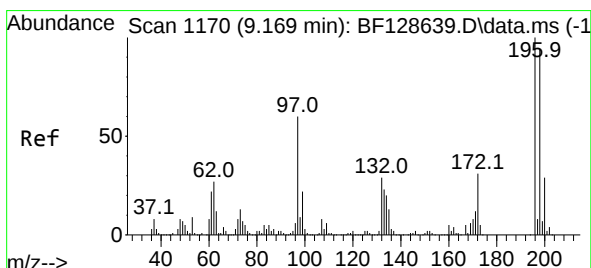
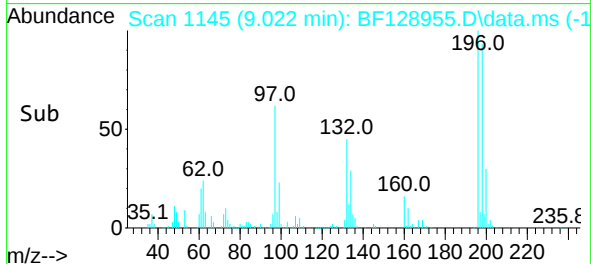
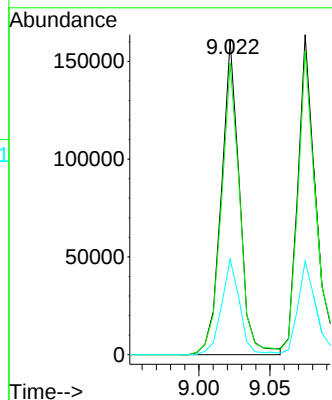
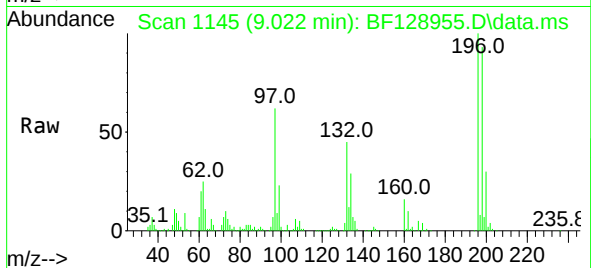
PB145722BS

Tgt Ion:196 Resp: 143012
 Ion Ratio Lower Upper
 196 100
 198 92.7 74.0 111.0
 200 30.3 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/24/2022
 Supervised By :Jagrut Upadhyay 06/28/2022



#44

2,4,5-Trichlorophenol

Concen: 35.829 ng

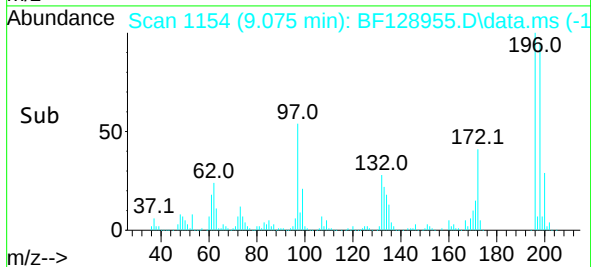
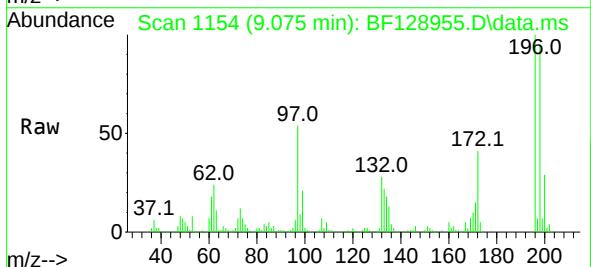
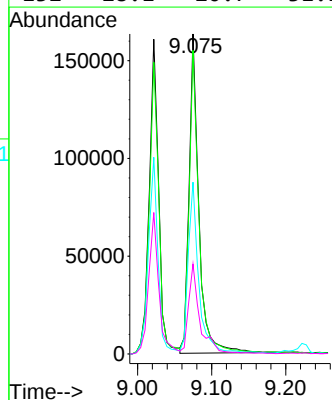
RT: 9.075 min Scan# 1154

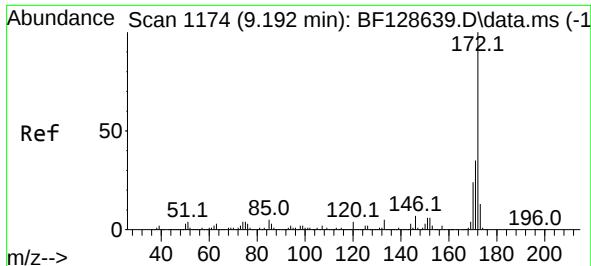
Delta R.T. 0.012 min

Lab File: BF128955.D

Acq: 23 Jun 2022 15:28

Tgt Ion:196 Resp: 149922
 Ion Ratio Lower Upper
 196 100
 198 94.9 75.7 113.5
 97 53.7 36.4 54.6
 132 28.1 20.7 31.1





#45
2-Fluorobiphenyl
Concen: 78.164 ng
RT: 9.098 min Scan# 1174
Delta R.T. 0.006 min
Lab File: BF128955.D
Acq: 23 Jun 2022 15:28

Instrument :

BNA_F

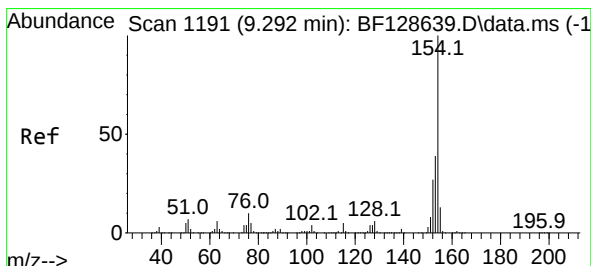
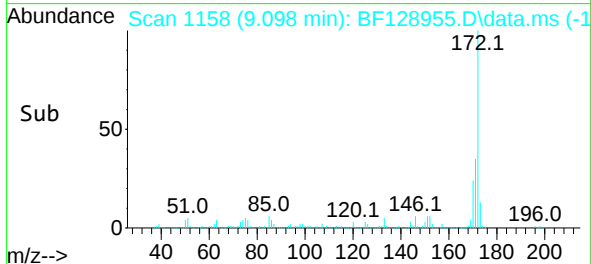
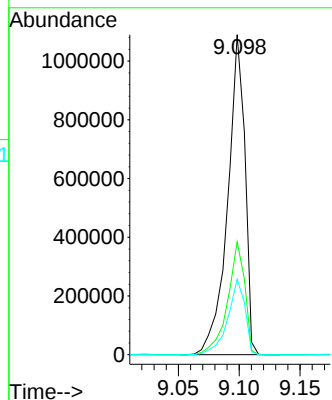
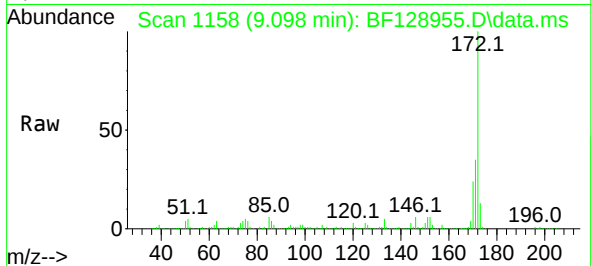
ClientSampleId :

PB145722BS

Tgt Ion:172 Resp: 1075748
Ion Ratio Lower Upper
172 100
171 35.3 28.8 43.2
170 23.6 19.8 29.8

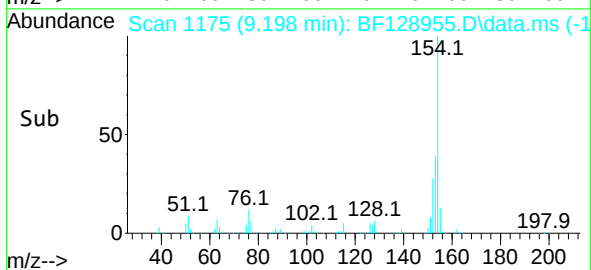
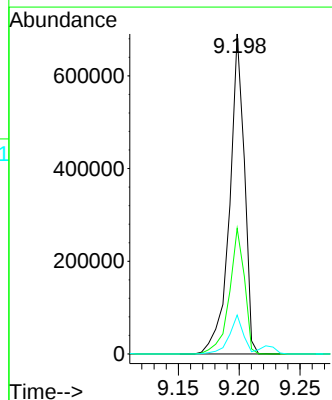
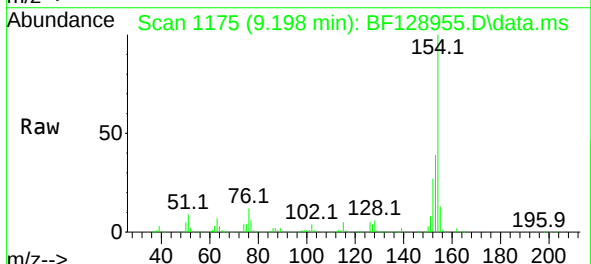
Manual Integrations
APPROVED

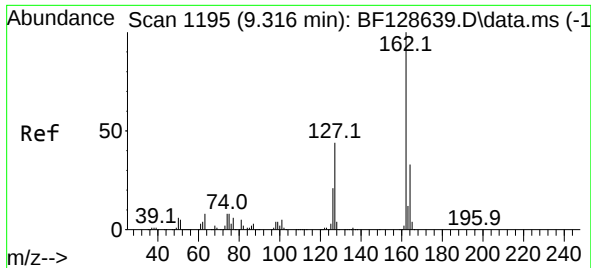
Reviewed By :Christian Giraldo 06/24/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#46
1,1'-Biphenyl
Concen: 40.168 ng
RT: 9.198 min Scan# 1175
Delta R.T. 0.006 min
Lab File: BF128955.D
Acq: 23 Jun 2022 15:28

Tgt Ion:154 Resp: 581037
Ion Ratio Lower Upper
154 100
153 39.2 20.6 60.6
76 12.2 0.0 33.3





#47
2-Chloronaphthalene
Concen: 40.846 ng
RT: 9.228 min Scan# 1195
Delta R.T. 0.012 min
Lab File: BF128955.D
Acq: 23 Jun 2022 15:28

Instrument :

BNA_F

ClientSampleId :

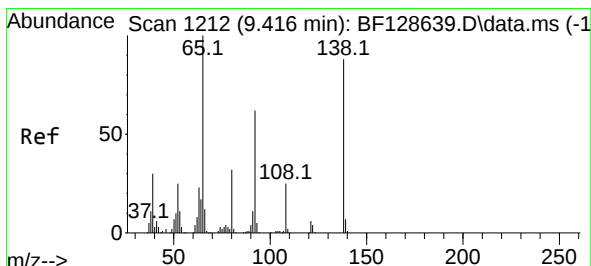
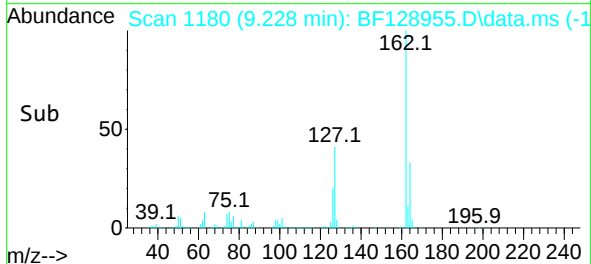
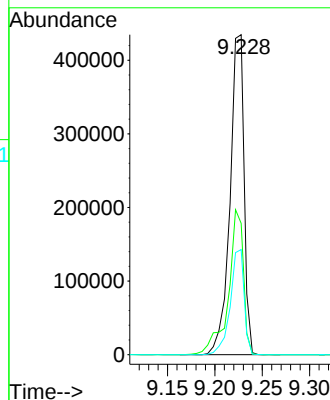
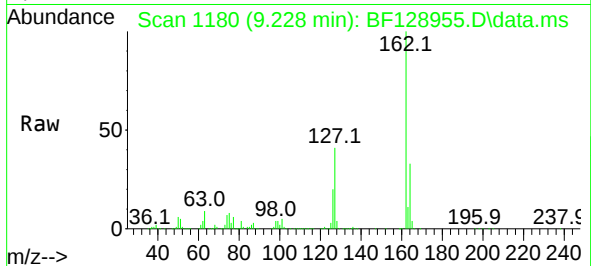
PB145722BS

Tgt Ion:162 Resp: 450854
Ion Ratio Lower Upper
162 100
127 41.0 34.5 51.7
164 32.8 26.5 39.7

Manual Integrations

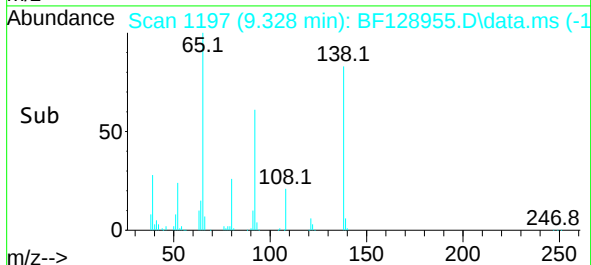
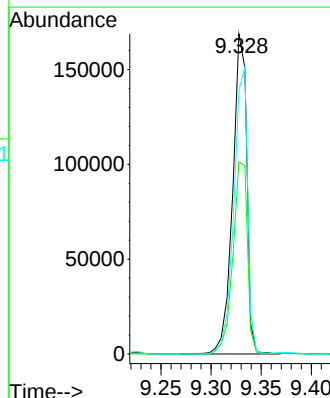
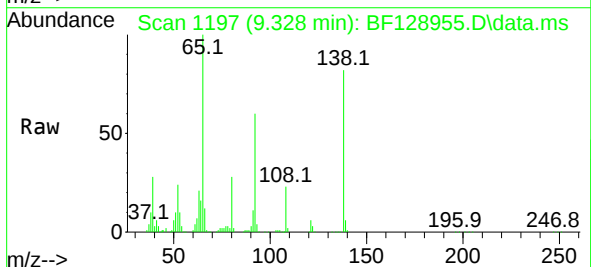
APPROVED

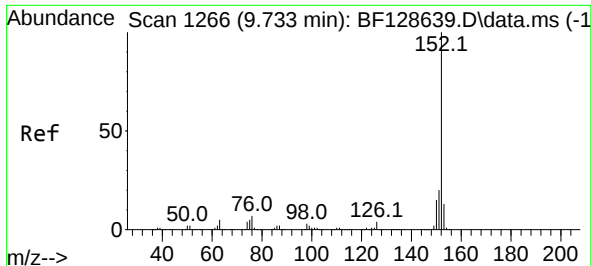
Reviewed By :Christian Giraldo 06/24/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#48
2-Nitroaniline
Concen: 43.805 ng
RT: 9.328 min Scan# 1197
Delta R.T. 0.006 min
Lab File: BF128955.D
Acq: 23 Jun 2022 15:28

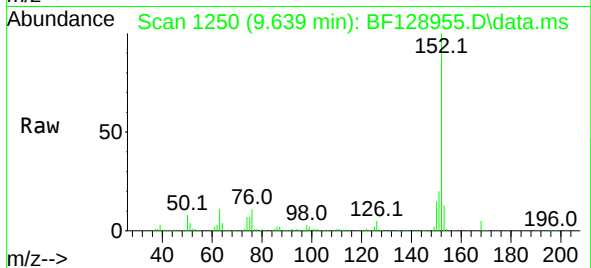
Tgt Ion: 65 Resp: 165340
Ion Ratio Lower Upper
65 100
92 60.0 51.9 77.9
138 82.3 76.4 114.6





#49
Acenaphthylene
Concen: 42.564 ng
RT: 9.639 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF128955.D
Acq: 23 Jun 2022 15:28

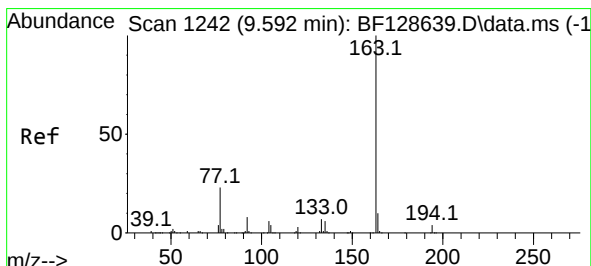
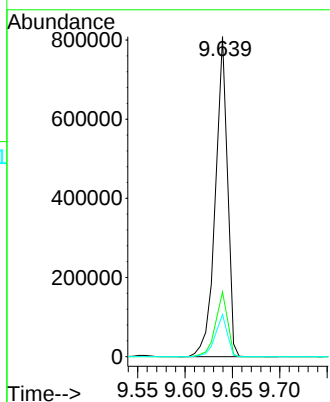
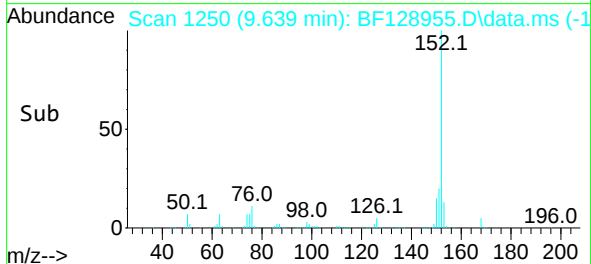
Instrument :
BNA_F
ClientSampleId :
PB145722BS



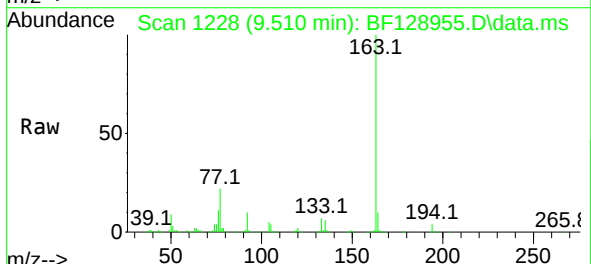
Tgt Ion:152 Resp: 71924
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 13.2 10.7 16.1

Manual Integrations
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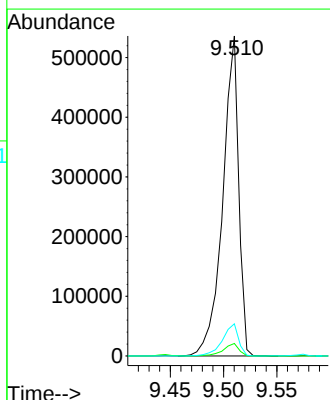
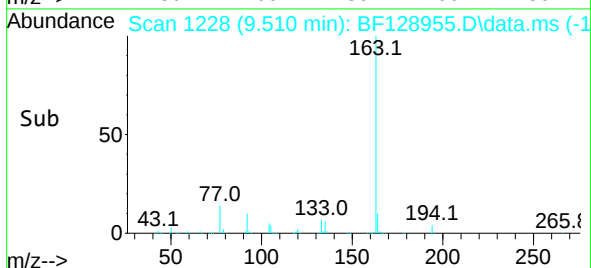
Reviewed By :Christian Giraldo 06/24/2022
Supervised By :Jagrut Upadhyay 06/28/2022

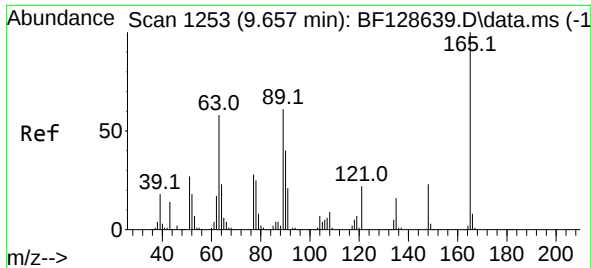


#50
Dimethylphthalate
Concen: 42.163 ng
RT: 9.510 min Scan# 1228
Delta R.T. 0.012 min
Lab File: BF128955.D
Acq: 23 Jun 2022 15:28



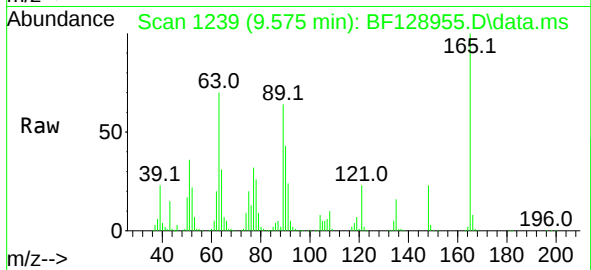
Tgt Ion:163 Resp: 556384
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.1 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 45.145 ng
RT: 9.575 min Scan# 1239
Delta R.T. 0.012 min
Lab File: BF128955.D
Acq: 23 Jun 2022 15:28

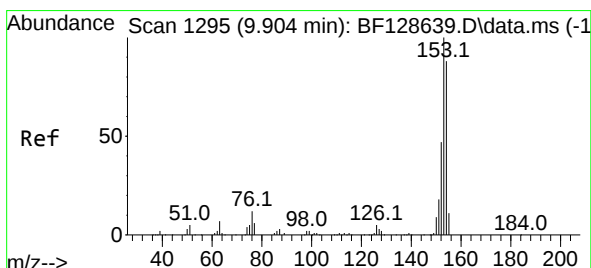
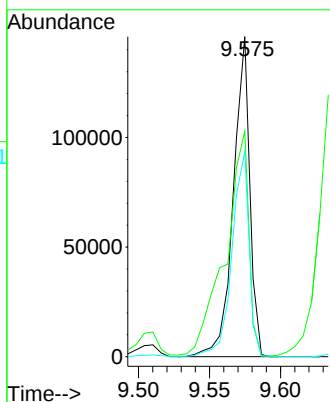
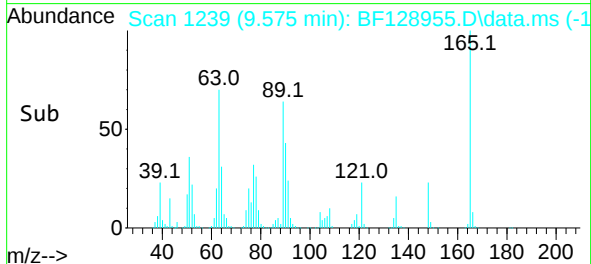
Instrument :
BNA_F
ClientSampleId :
PB145722BS



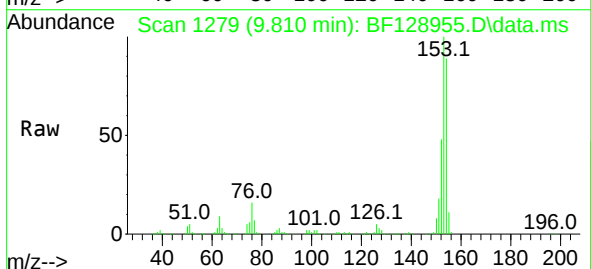
Tgt Ion:165 Resp: 117580
Ion Ratio Lower Upper
165 100
63 70.4 44.9 67.3
89 64.1 43.6 65.4

Manual Integrations
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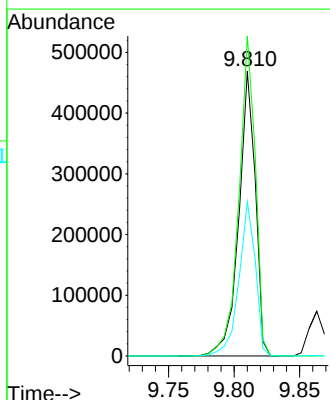
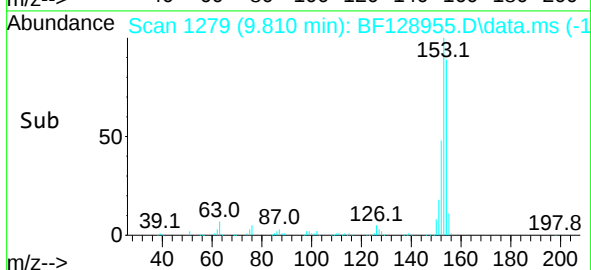
Reviewed By :Christian Giraldo 06/24/2022
Supervised By :Jagrut Upadhyay 06/28/2022

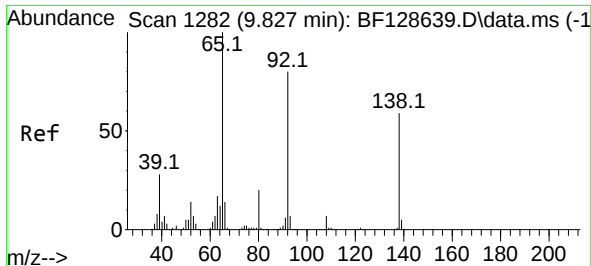


#52
Acenaphthene
Concen: 37.392 ng
RT: 9.810 min Scan# 1279
Delta R.T. 0.006 min
Lab File: BF128955.D
Acq: 23 Jun 2022 15:28



Tgt Ion:154 Resp: 411471
Ion Ratio Lower Upper
154 100
153 112.4 89.6 134.4
152 54.1 42.4 63.6





#53
3-Nitroaniline
Concen: 30.801 ng
RT: 9.745 min Scan# 1268
Delta R.T. 0.006 min
Lab File: BF128955.D
Acq: 23 Jun 2022 15:28

Instrument :

BNA_F

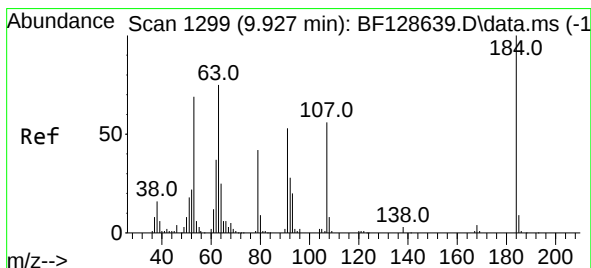
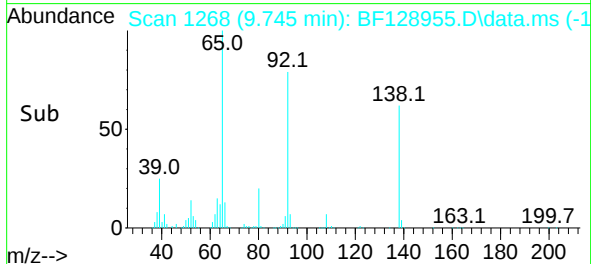
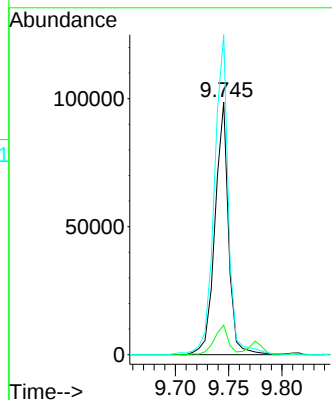
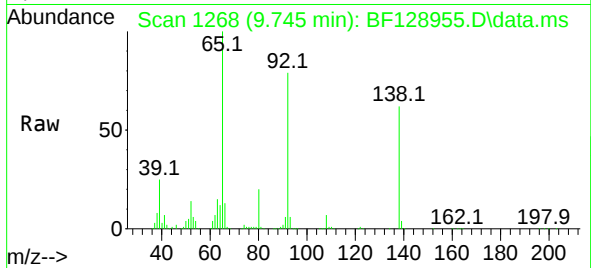
ClientSampleId :

PB145722BS

Tgt Ion:138 Resp: 87060
Ion Ratio Lower Upper
138 100
108 11.7 10.9 16.3
92 126.6 98.2 147.2

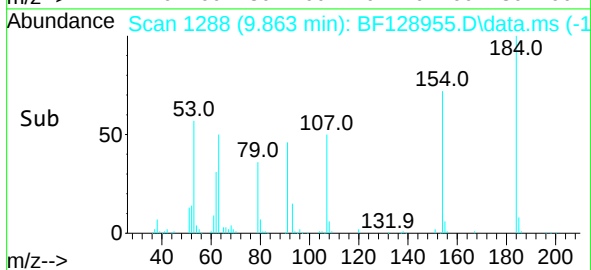
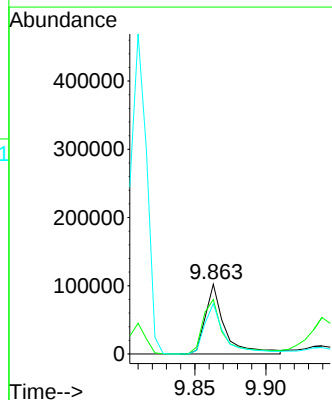
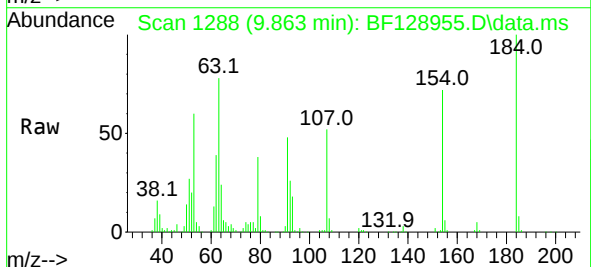
Manual Integrations
APPROVED

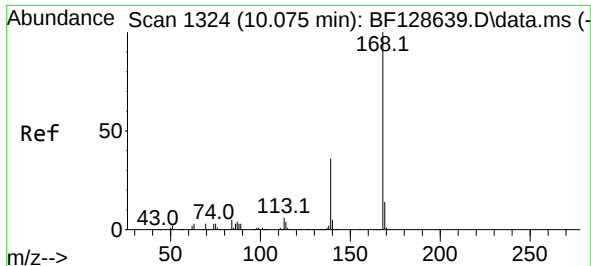
Reviewed By :Christian Giraldo 06/24/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#54
2,4-Dinitrophenol
Concen: 66.773 ng
RT: 9.863 min Scan# 1288
Delta R.T. 0.012 min
Lab File: BF128955.D
Acq: 23 Jun 2022 15:28

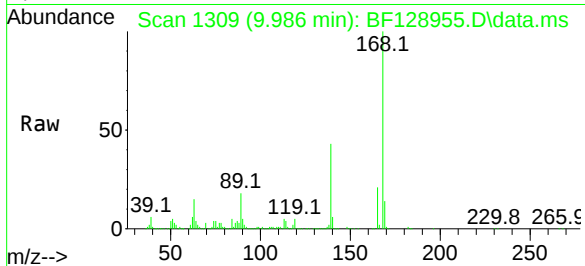
Tgt Ion:184 Resp: 96866
Ion Ratio Lower Upper
184 100
63 78.1 64.5 96.7
154 72.2 50.6 75.8





#55
Dibenzenofuran
Concen: 39.540 ng
RT: 9.986 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF128955.D
Acq: 23 Jun 2022 15:28

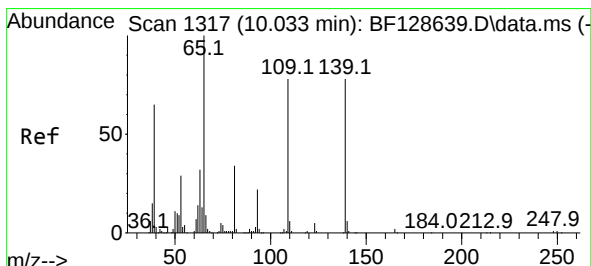
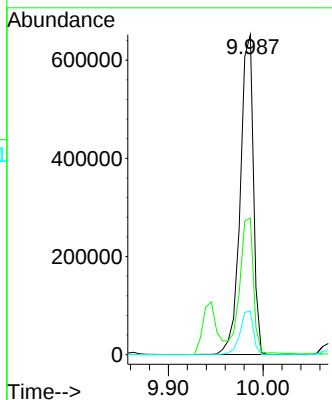
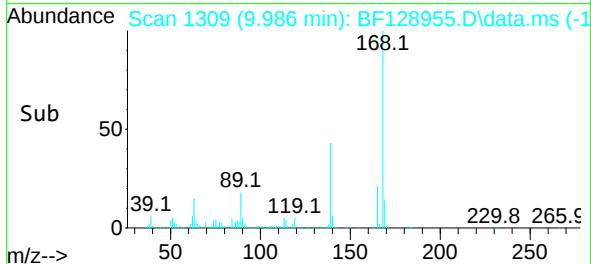
Instrument :
BNA_F
ClientSampleId :
PB145722BS



Tgt Ion:168 Resp: 625319
Ion Ratio Lower Upper
168 100
139 42.7 30.6 46.0
169 13.7 11.0 16.6

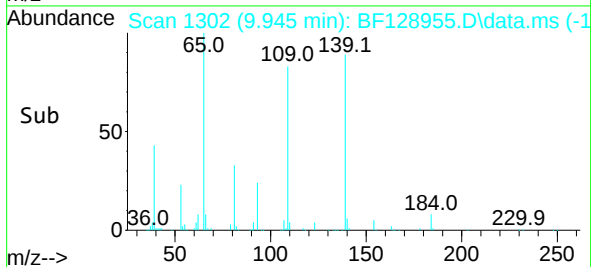
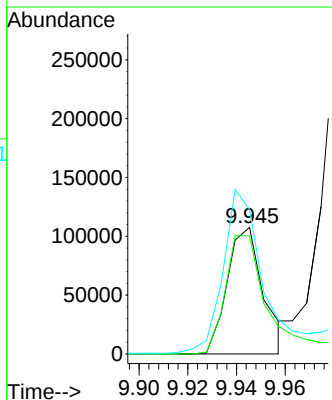
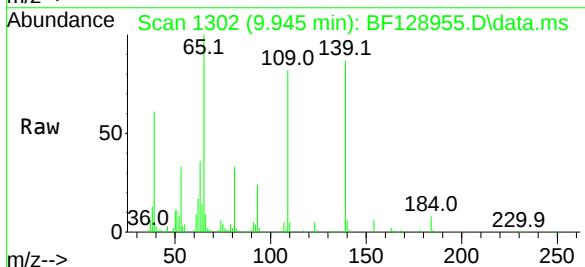
Manual Integrations
APPROVED

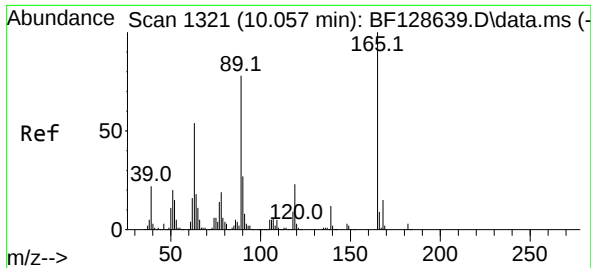
Reviewed By :Christian Giraldo 06/24/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#56
4-Nitrophenol
Concen: 53.962 ng
RT: 9.945 min Scan# 1302
Delta R.T. 0.018 min
Lab File: BF128955.D
Acq: 23 Jun 2022 15:28

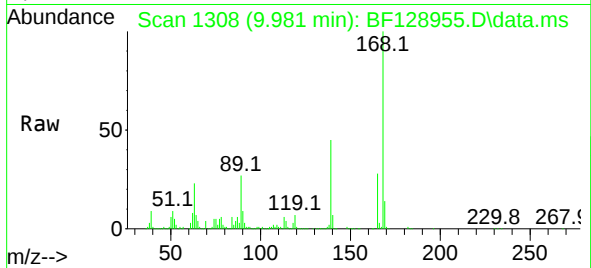
Tgt Ion:139 Resp: 110569
Ion Ratio Lower Upper
139 100
109 93.4 50.7 90.7#
65 114.3 74.5 114.5





#57
2,4-Dinitrotoluene
Concen: 46.152 ng
RT: 9.981 min Scan# 1308
Delta R.T. 0.012 min
Lab File: BF128955.D
Acq: 23 Jun 2022 15:28

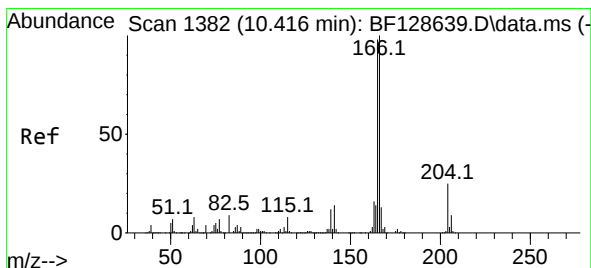
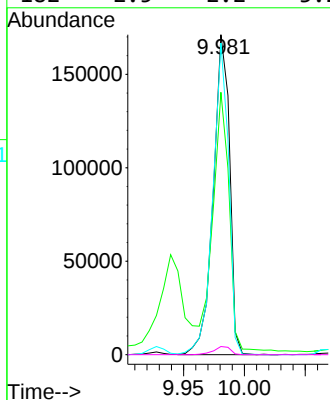
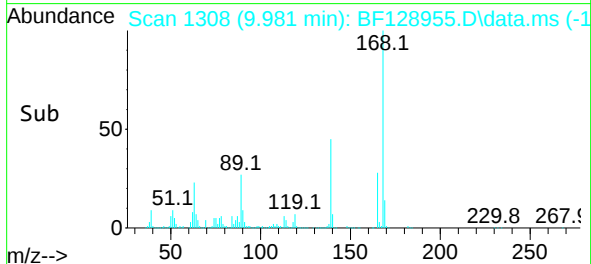
Instrument :
BNA_F
ClientSampleId :
PB145722BS



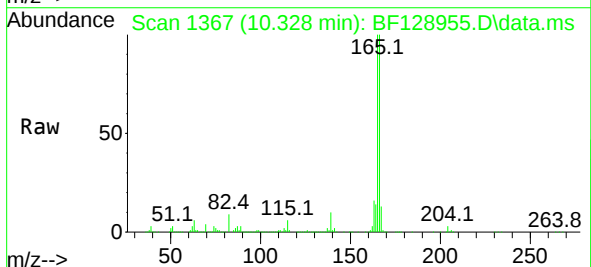
Tgt Ion:165 Resp: 160418
Ion Ratio Lower Upper
165 100
63 82.0 39.8 59.6
89 97.4 60.2 90.2
182 2.5 2.2 3.2

Manual Integrations
APPROVED

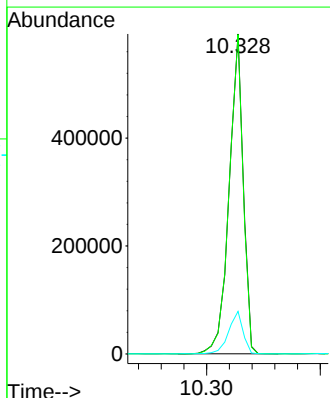
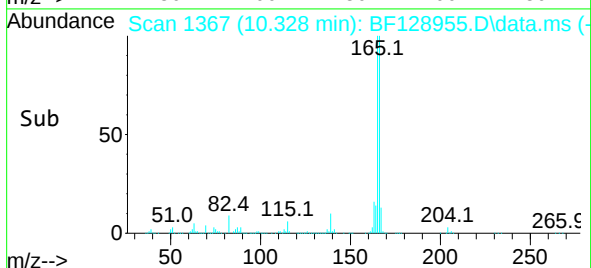
Reviewed By :Christian Giraldo 06/24/2022
Supervised By :Jagrut Upadhyay 06/28/2022

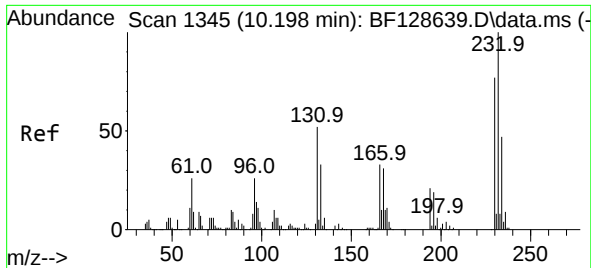


#58
Fluorene
Concen: 41.561 ng
RT: 10.328 min Scan# 1367
Delta R.T. 0.012 min
Lab File: BF128955.D
Acq: 23 Jun 2022 15:28



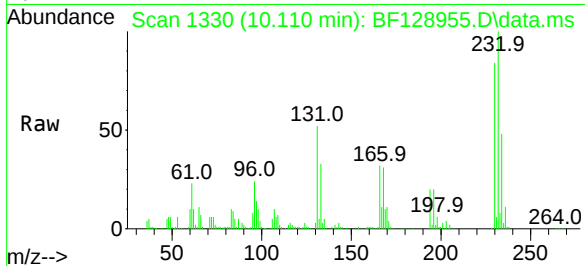
Tgt Ion:166 Resp: 509733
Ion Ratio Lower Upper
166 100
165 99.8 78.1 117.1
167 13.3 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 33.957 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF128955.D
Acq: 23 Jun 2022 15:28

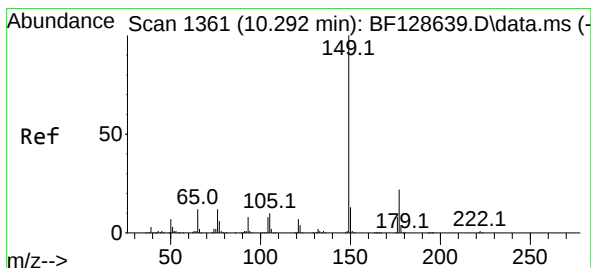
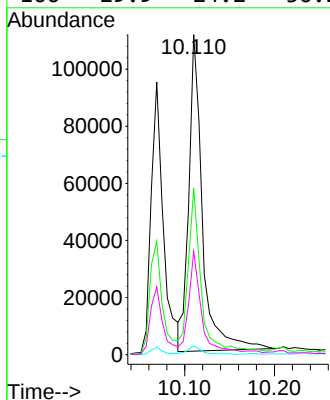
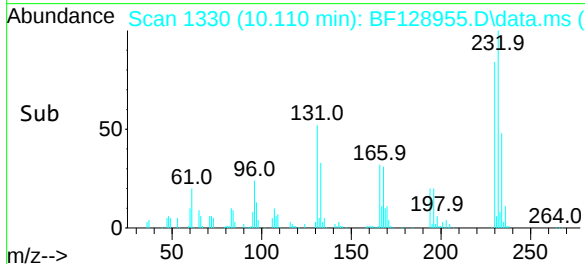
Instrument :
BNA_F
ClientSampleId :
PB145722BS



Tgt Ion:232 Resp: 117360
Ion Ratio Lower Upper
232 100
131 47.9 36.1 54.1
130 3.2 1.8 2.8
166 29.9 24.2 36.2

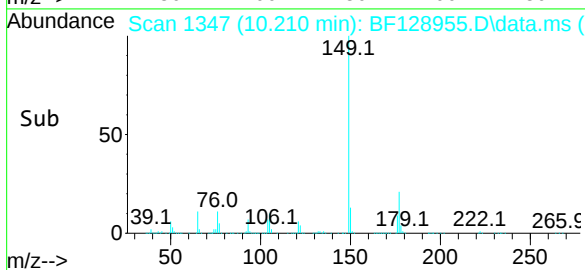
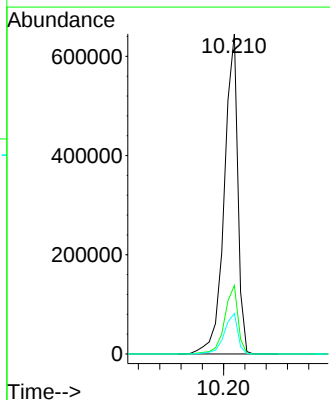
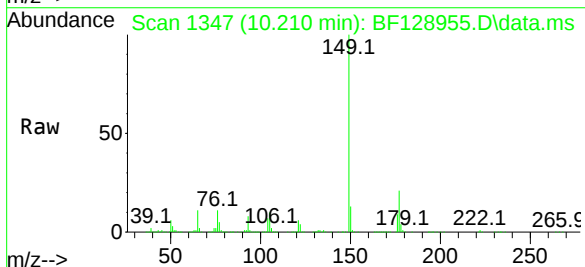
Manual Integrations
APPROVED

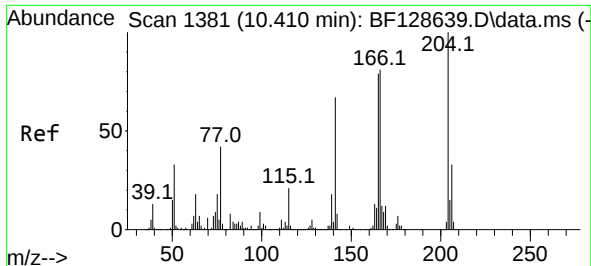
Reviewed By :Christian Giraldo 06/24/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#60
Diethylphthalate
Concen: 42.552 ng
RT: 10.210 min Scan# 1347
Delta R.T. 0.012 min
Lab File: BF128955.D
Acq: 23 Jun 2022 15:28

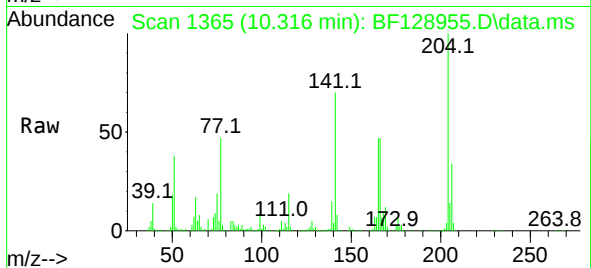
Tgt Ion:149 Resp: 564358
Ion Ratio Lower Upper
149 100
177 21.4 17.3 25.9
150 12.6 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 40.538 ng
RT: 10.316 min Scan# 1365
Delta R.T. 0.006 min
Lab File: BF128955.D
Acq: 23 Jun 2022 15:28

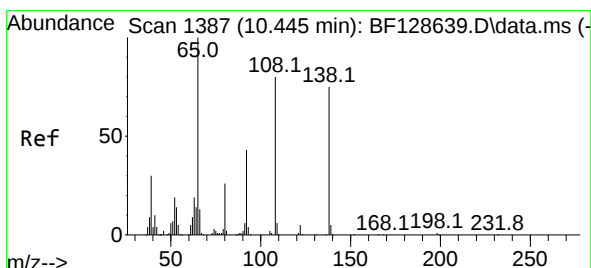
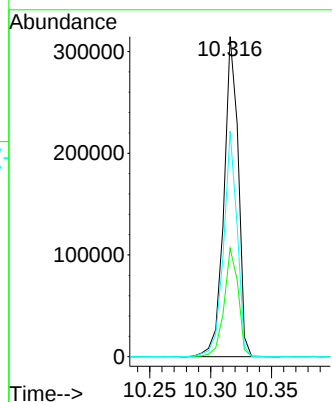
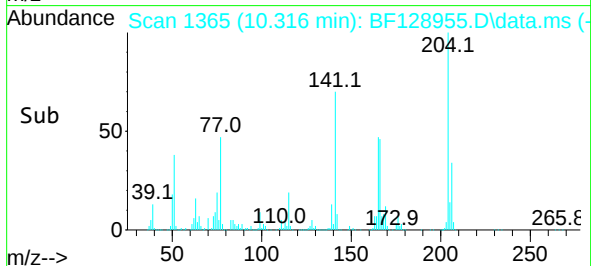
Instrument :
BNA_F
ClientSampleId :
PB145722BS



Tgt Ion:204 Resp: 257879
Ion Ratio Lower Upper
204 100
206 33.9 25.8 38.6
141 70.5 47.0 70.4

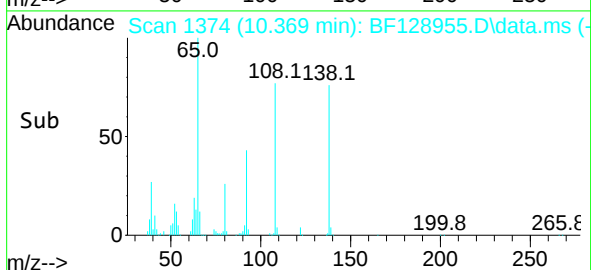
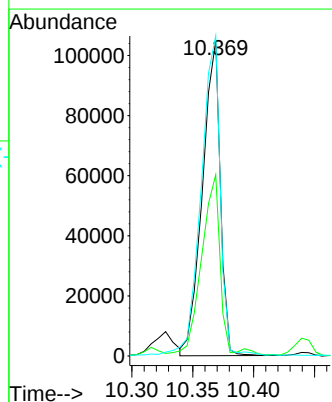
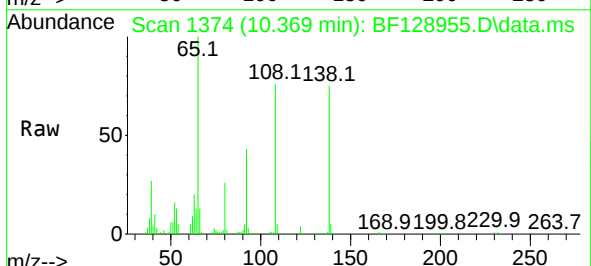
Manual Integrations
APPROVED

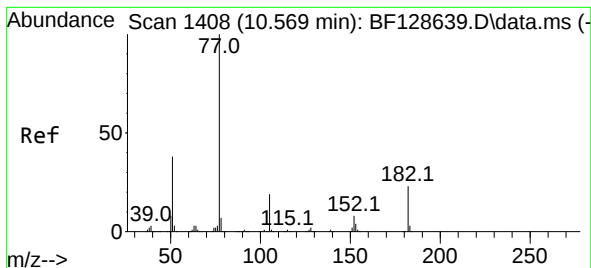
Reviewed By :Christian Giraldo 06/24/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#62
4-Nitroaniline
Concen: 37.463 ng
RT: 10.369 min Scan# 1374
Delta R.T. 0.012 min
Lab File: BF128955.D
Acq: 23 Jun 2022 15:28

Tgt Ion:138 Resp: 107222
Ion Ratio Lower Upper
138 100
92 57.4 33.5 73.5
108 101.4 61.0 101.0





#63

Azobenzene

Concen: 41.692 ng

RT: 10.481 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF128955.D

Acq: 23 Jun 2022 15:28

Instrument :

BNA_F

ClientSampleId :

PB145722BS

Tgt Ion: 77 Resp: 544358

Ion Ratio Lower Upper

77 100

182 24.9 5.6 45.6

105 19.7 1.6 41.6

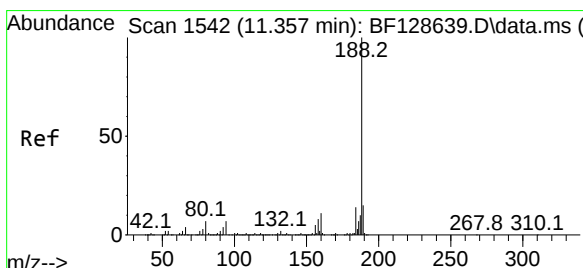
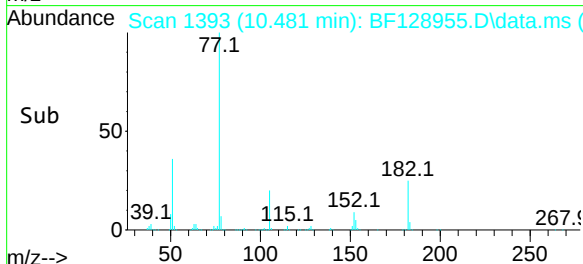
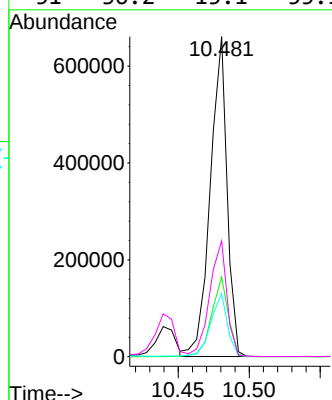
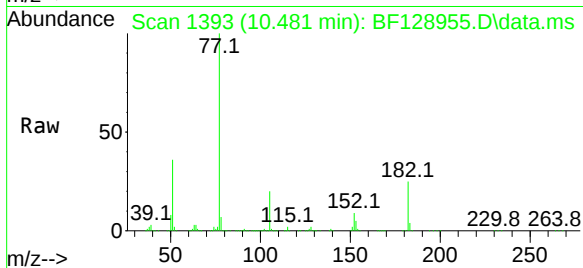
51 36.2 15.1 55.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/24/2022

Supervised By :Jagrut Upadhyay 06/28/2022



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.263 min Scan# 1526

Delta R.T. 0.012 min

Lab File: BF128955.D

Acq: 23 Jun 2022 15:28

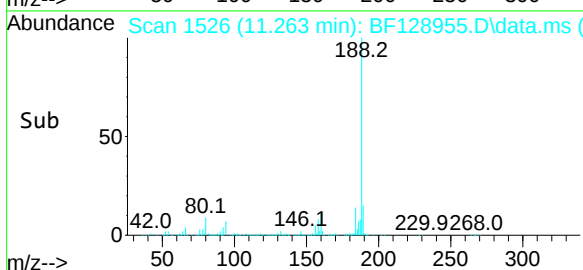
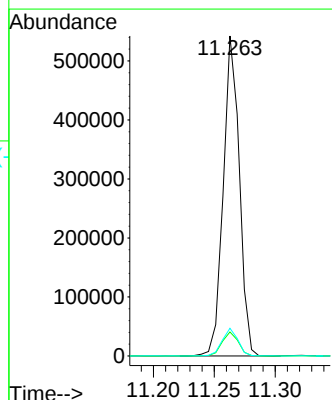
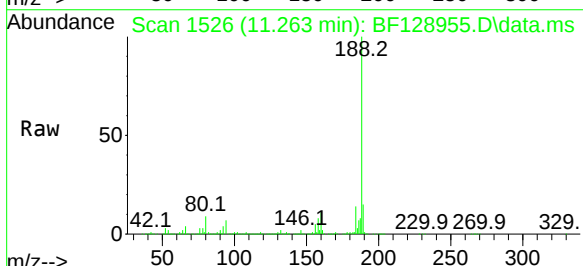
Tgt Ion:188 Resp: 498734

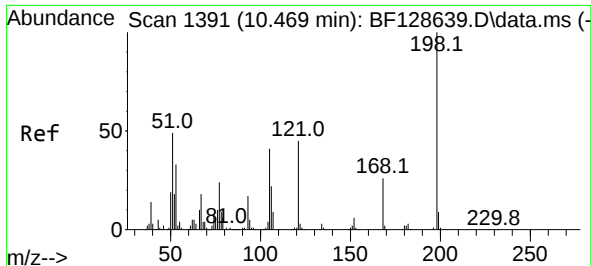
Ion Ratio Lower Upper

188 100

94 7.5 7.0 10.6

80 8.7 7.6 11.4





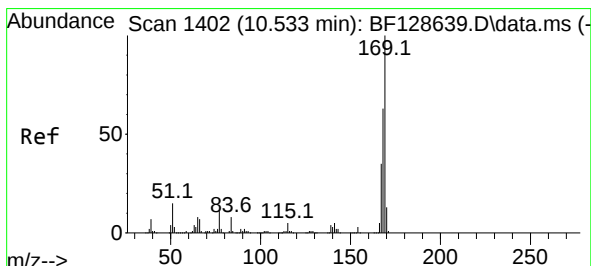
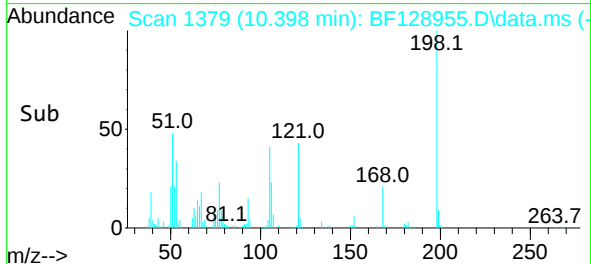
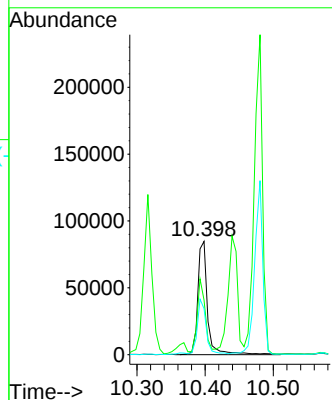
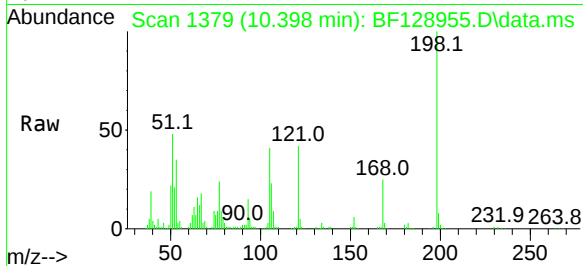
#65
4,6-Dinitro-2-methylphenol
Concen: 28.647 ng
RT: 10.398 min Scan# 1387
Delta R.T. 0.012 min
Lab File: BF128955.D
Acq: 23 Jun 2022 15:28

Instrument :
BNA_F
ClientSampleId :
PB145722BS

Tgt Ion:198 Resp: 84315
Ion Ratio Lower Upper
198 100
51 48.2 37.6 77.6
105 40.6 27.0 67.0

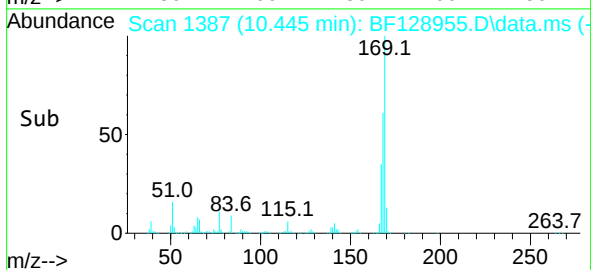
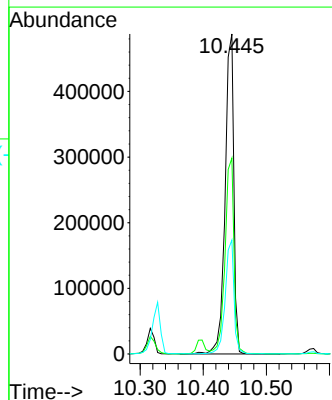
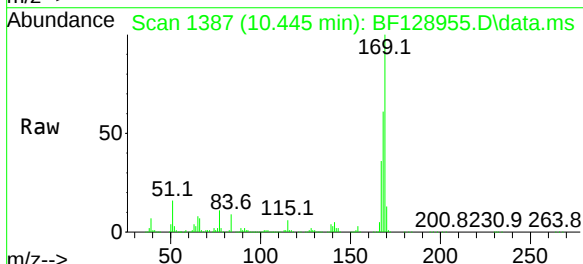
Manual Integrations
APPROVED

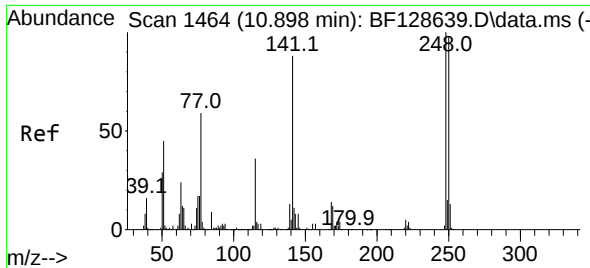
Reviewed By :Christian Giraldo 06/24/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#66
n-Nitrosodiphenylamine
Concen: 30.565 ng
RT: 10.445 min Scan# 1387
Delta R.T. 0.012 min
Lab File: BF128955.D
Acq: 23 Jun 2022 15:28

Tgt Ion:169 Resp: 468533
Ion Ratio Lower Upper
169 100
168 61.2 50.1 75.1
167 35.6 27.9 41.9





#67
4-Bromophenyl-phenylether
Concen: 32.648 ng
RT: 10.810 min Scan# 1449
Delta R.T. 0.012 min
Lab File: BF128955.D
Acq: 23 Jun 2022 15:28

Instrument :

BNA_F

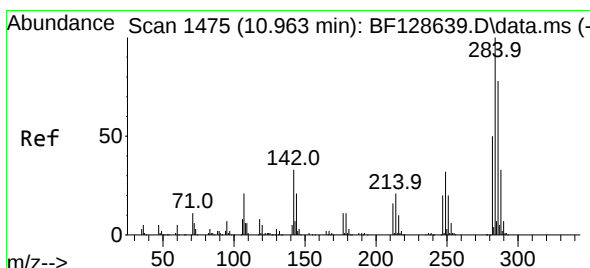
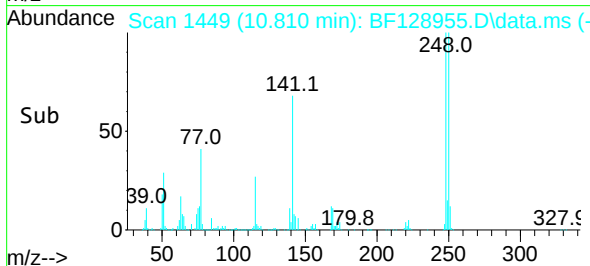
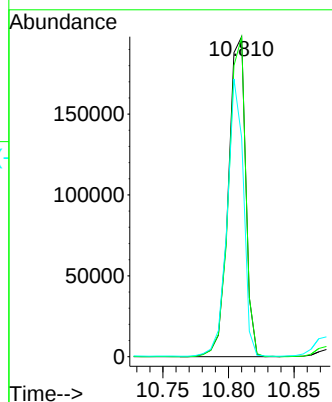
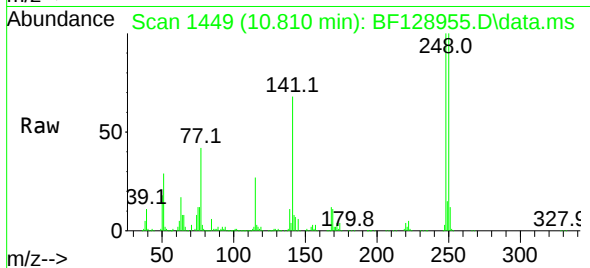
ClientSampleId :

PB145722BS

Tgt Ion:248 Resp: 181584
Ion Ratio Lower Upper
248 100
250 99.8 80.6 120.8
141 68.5 58.9 88.3

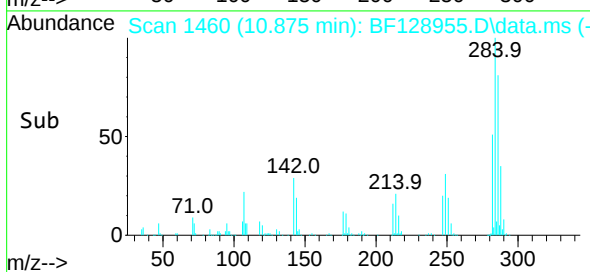
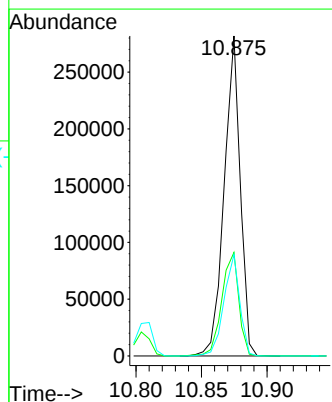
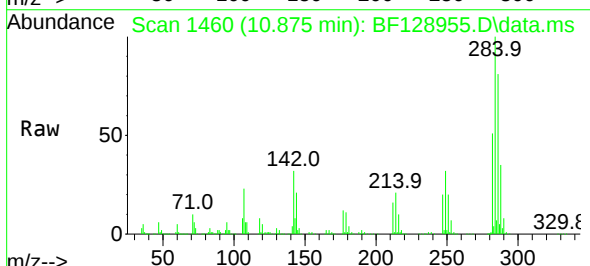
Manual Integrations
APPROVED

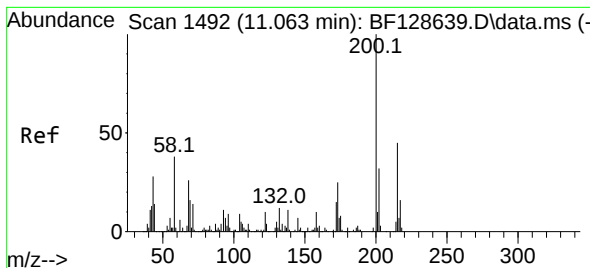
Reviewed By :Christian Giraldo 06/24/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#68
Hexachlorobenzene
Concen: 38.748 ng
RT: 10.875 min Scan# 1460
Delta R.T. 0.012 min
Lab File: BF128955.D
Acq: 23 Jun 2022 15:28

Tgt Ion:284 Resp: 239337
Ion Ratio Lower Upper
284 100
142 32.3 29.0 43.4
249 31.6 25.0 37.6





#69

Atrazine

Concen: 43.652 ng

RT: 10.975 min Scan# 1492

Delta R.T. 0.012 min

Lab File: BF128955.D

Acq: 23 Jun 2022 15:28

Instrument :

BNA_F

ClientSampleId :

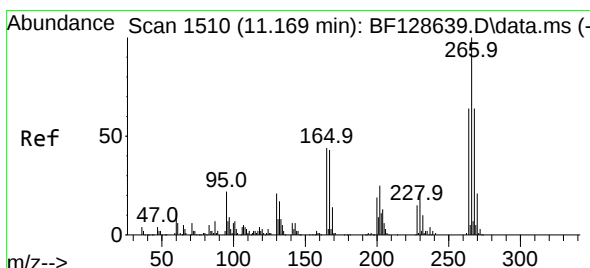
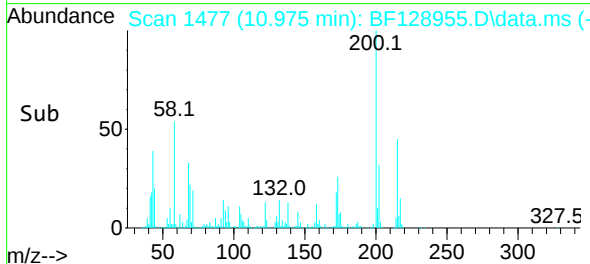
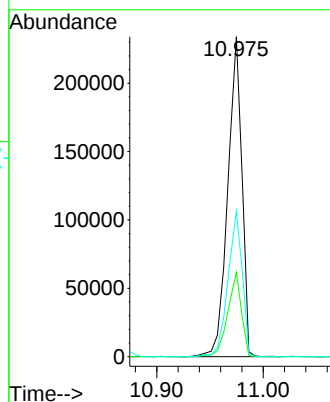
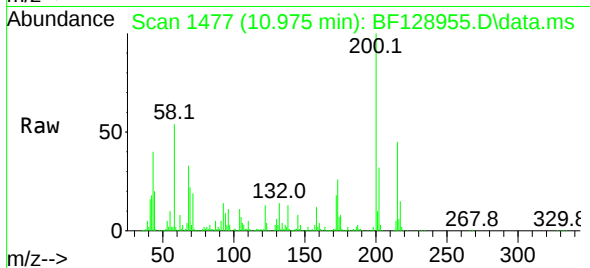
PB145722BS

Tgt Ion:	200	Resp:	21518
Ion Ratio	Lower	Upper	
200	100		
173	26.5	6.3	46.3
215	45.5	28.3	68.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/24/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#70

Pentachlorophenol

Concen: 69.783 ng

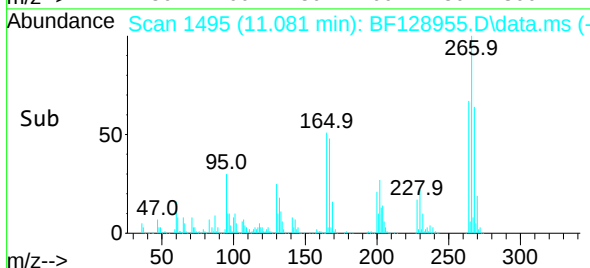
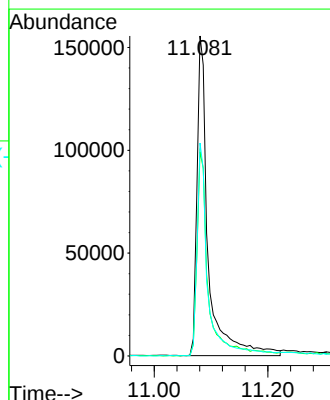
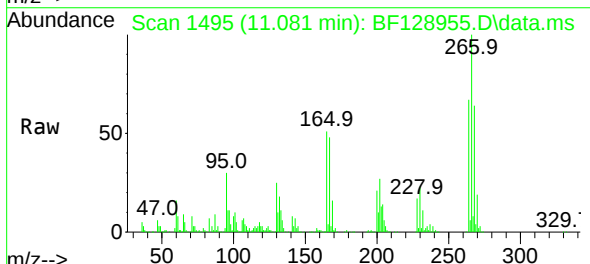
RT: 11.081 min Scan# 1495

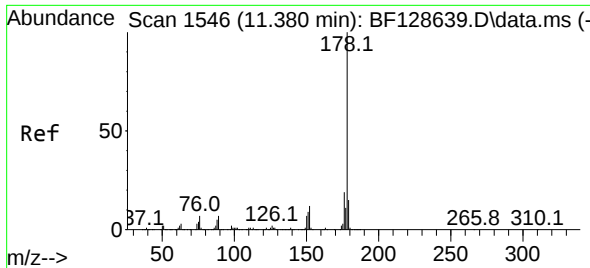
Delta R.T. 0.012 min

Lab File: BF128955.D

Acq: 23 Jun 2022 15:28

Tgt Ion:	266	Resp:	215161
Ion Ratio	Lower	Upper	
266	100		
268	63.8	51.0	76.4
264	66.5	49.4	74.2





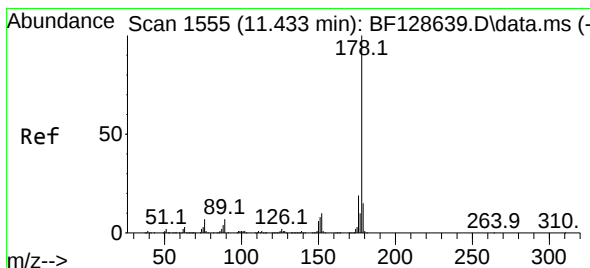
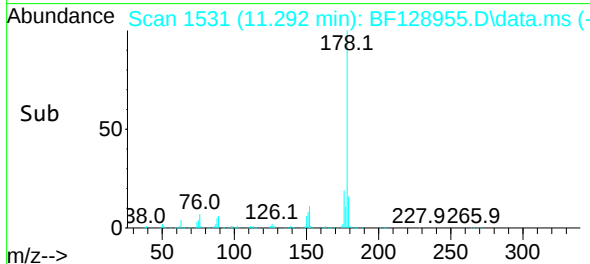
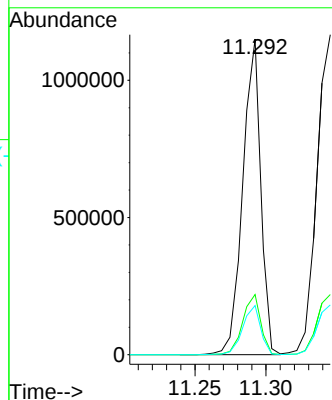
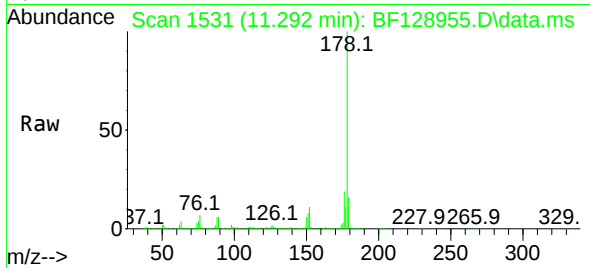
#71
Phenanthrene
Concen: 40.596 ng
RT: 11.292 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF128955.D
Acq: 23 Jun 2022 15:28

Instrument :
BNA_F
ClientSampleId :
PB145722BS

Tgt Ion:178 Resp: 1015530
Ion Ratio Lower Upper
178 100
176 19.1 16.0 24.0
179 15.6 12.6 19.0

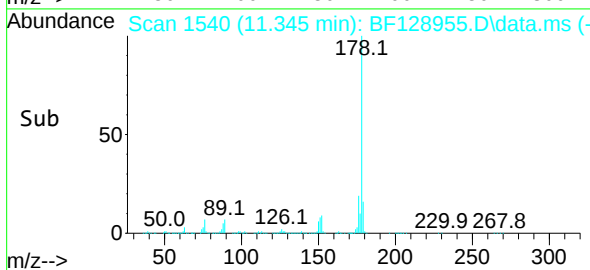
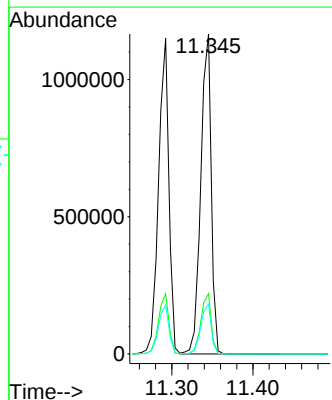
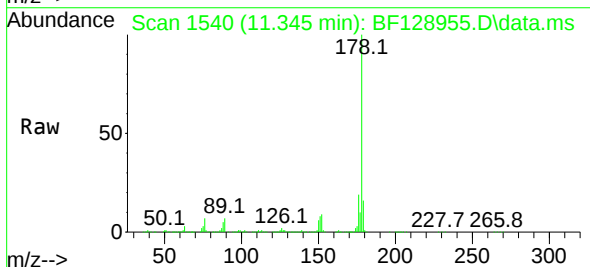
Manual Integrations
APPROVED

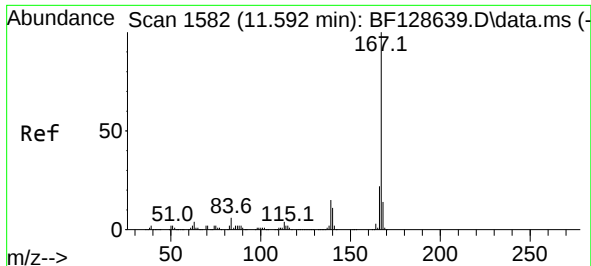
Reviewed By :Christian Giraldo 06/24/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#72
Anthracene
Concen: 42.266 ng
RT: 11.345 min Scan# 1540
Delta R.T. 0.012 min
Lab File: BF128955.D
Acq: 23 Jun 2022 15:28

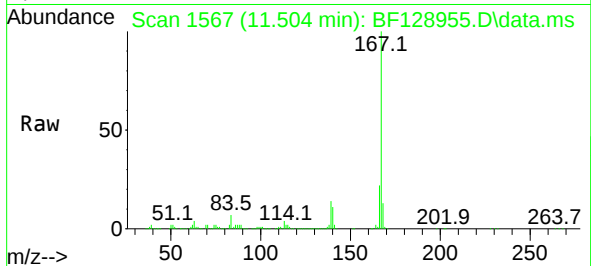
Tgt Ion:178 Resp: 1046512
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 15.6 12.6 19.0





#73
Carbazole
Concen: 40.440 ng
RT: 11.504 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF128955.D
Acq: 23 Jun 2022 15:28

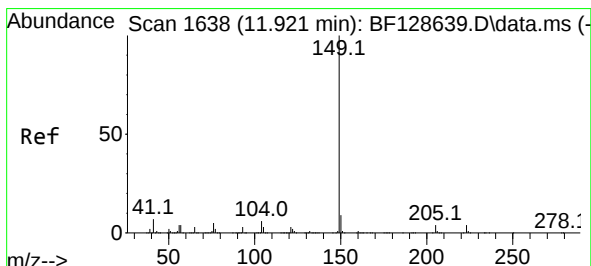
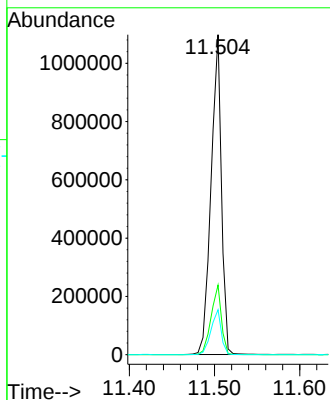
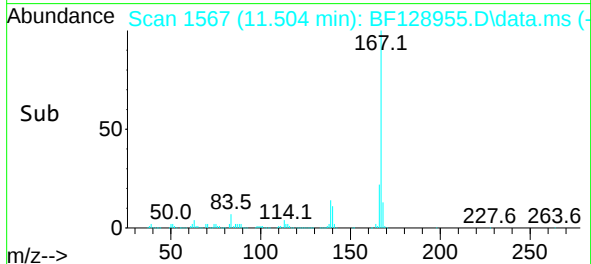
Instrument :
BNA_F
ClientSampleId :
PB145722BS



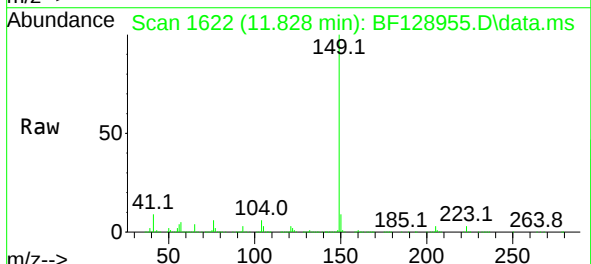
Tgt Ion:167 Resp: 930000
Ion Ratio Lower Upper
167 100
166 21.8 17.7 26.5
139 14.1 11.2 16.8

Manual Integrations
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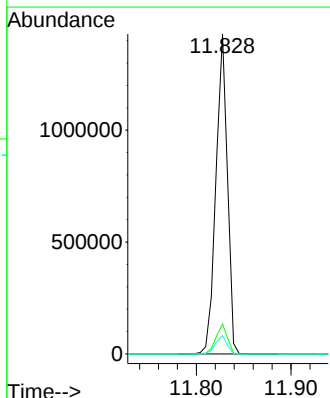
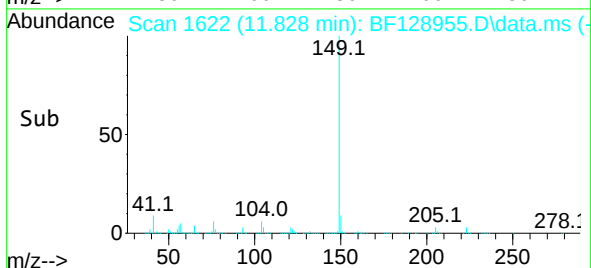
Reviewed By :Christian Giraldo 06/24/2022
Supervised By :Jagrut Upadhyay 06/28/2022

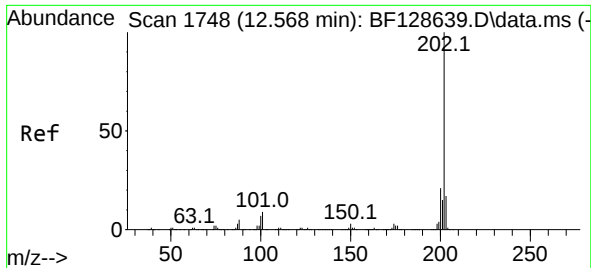


#74
Di-n-butylphthalate
Concen: 42.835 ng
RT: 11.828 min Scan# 1622
Delta R.T. 0.012 min
Lab File: BF128955.D
Acq: 23 Jun 2022 15:28



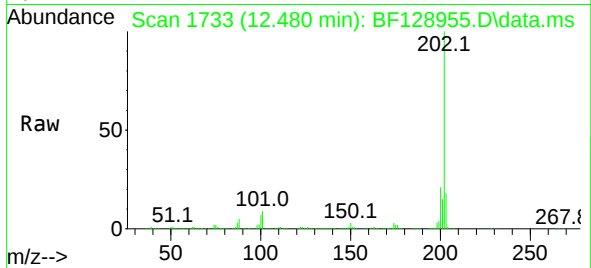
Tgt Ion:149 Resp: 1199390
Ion Ratio Lower Upper
149 100
150 9.4 7.5 11.3
104 5.8 4.4 6.6





#75
Fluoranthene
Concen: 42.404 ng
RT: 12.480 min Scan# 1733
Delta R.T. 0.012 min
Lab File: BF128955.D
Acq: 23 Jun 2022 15:28

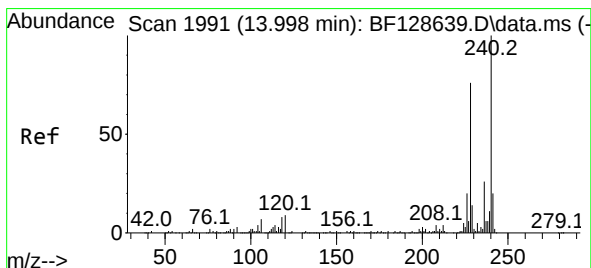
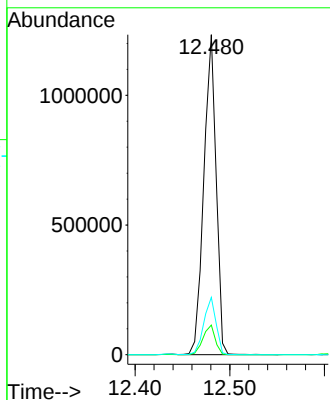
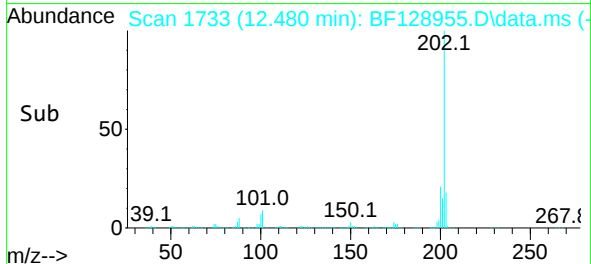
Instrument :
BNA_F
ClientSampleId :
PB145722BS



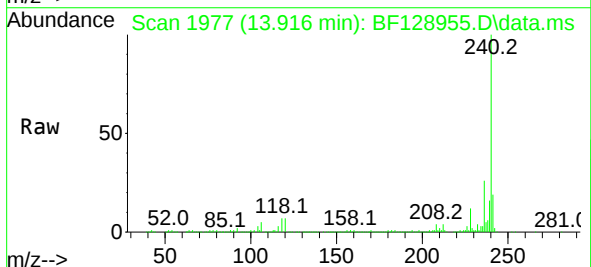
Tgt Ion:202 Resp: 1108798
Ion Ratio Lower Upper
202 100
101 9.3 0.0 31.4
203 17.9 0.0 38.0

Manual Integrations
APPROVED

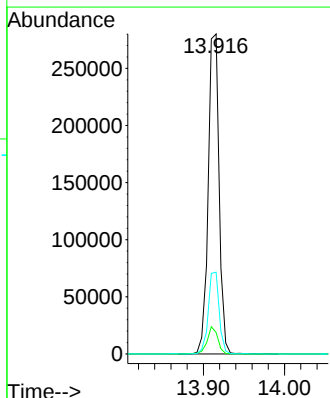
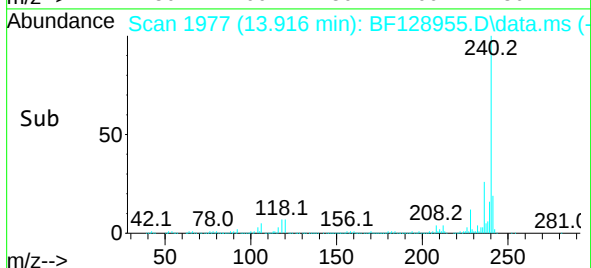
Reviewed By :Christian Giraldo 06/24/2022
Supervised By :Jagrut Upadhyay 06/28/2022

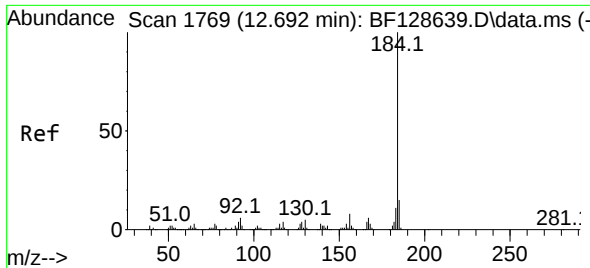


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.916 min Scan# 1977
Delta R.T. 0.018 min
Lab File: BF128955.D
Acq: 23 Jun 2022 15:28



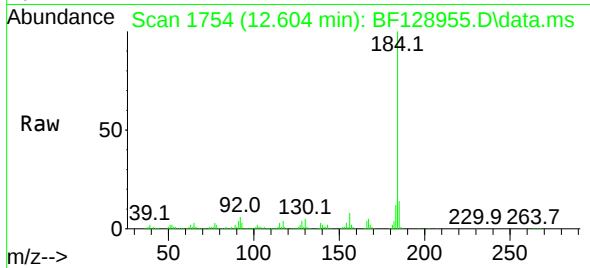
Tgt Ion:240 Resp: 260677
Ion Ratio Lower Upper
240 100
120 6.7 8.9 13.3#
236 25.5 20.8 31.2





#77
Benzidine
Concen: 90.291 ng
RT: 12.604 min Scan# 1772
Delta R.T. 0.012 min
Lab File: BF128955.D
Acq: 23 Jun 2022 15:28

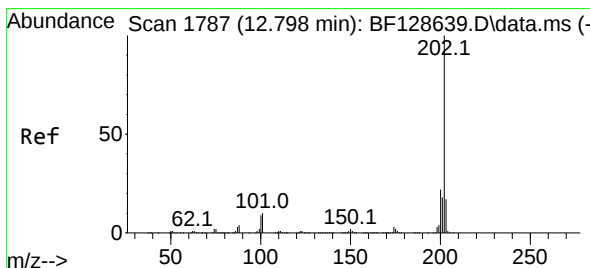
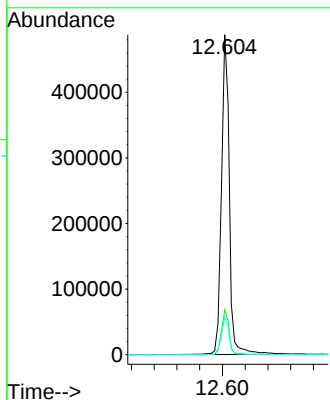
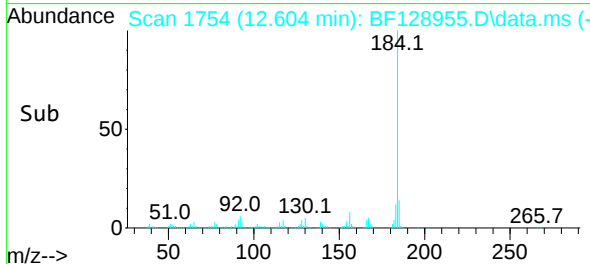
Instrument :
BNA_F
ClientSampleId :
PB145722BS



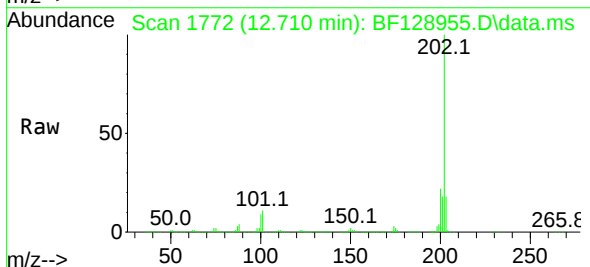
Tgt Ion:184 Resp: 469194
Ion Ratio Lower Upper
184 100
185 14.1 11.9 17.9
183 11.7 9.3 13.9

Manual Integrations
APPROVED

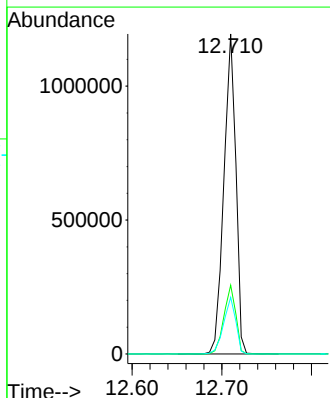
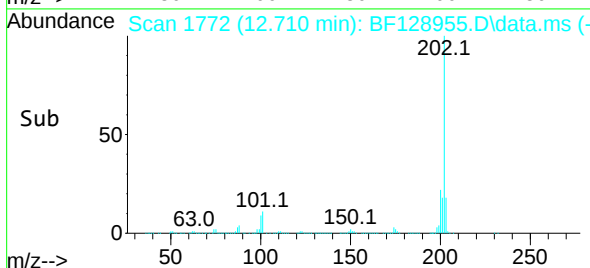
Reviewed By :Christian Giraldo 06/24/2022
Supervised By :Jagrut Upadhyay 06/28/2022

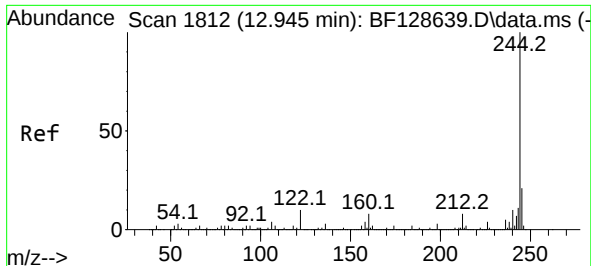


#78
Pyrene
Concen: 57.060 ng
RT: 12.710 min Scan# 1772
Delta R.T. 0.012 min
Lab File: BF128955.D
Acq: 23 Jun 2022 15:28



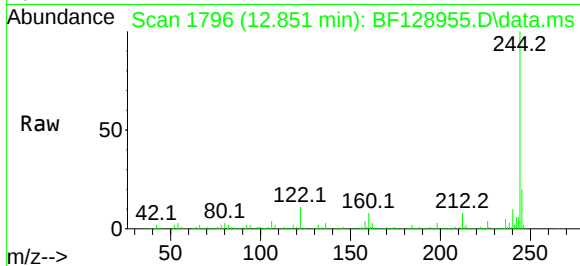
Tgt Ion:202 Resp: 1106630
Ion Ratio Lower Upper
202 100
200 21.5 17.7 26.5
203 17.7 14.6 21.8





#79
 Terphenyl-d14
 Concen: 109.207 ng
 RT: 12.851 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: BF128955.D
 Acq: 23 Jun 2022 15:28

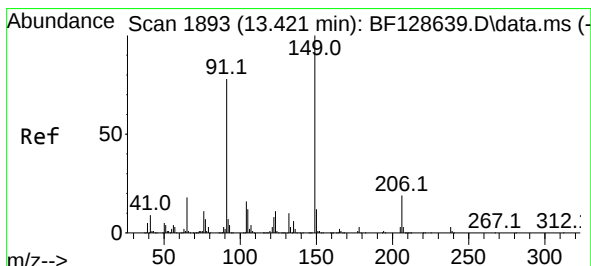
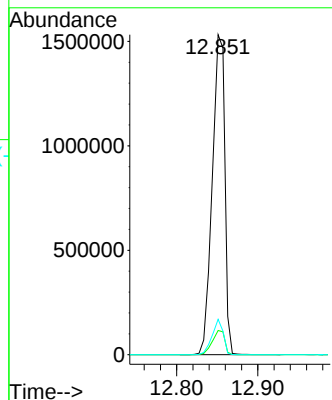
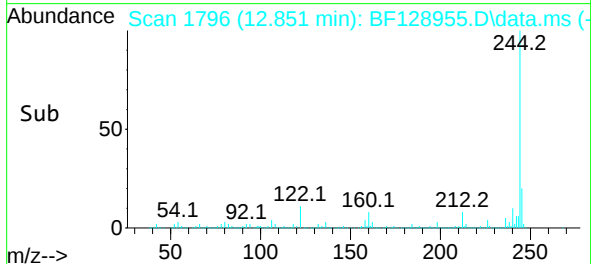
Instrument :
 BNA_F
 ClientSampleId :
 PB145722BS



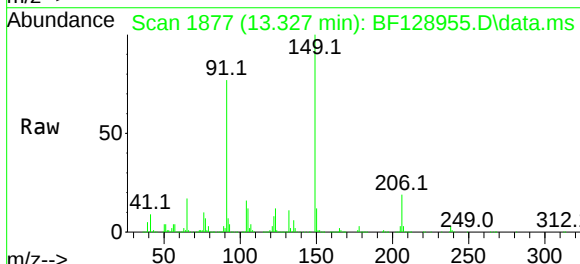
Tgt Ion:244 Resp: 163829
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 11.0 8.8 13.2

Manual Integrations
 APPROVED

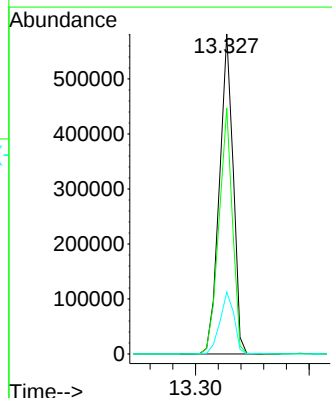
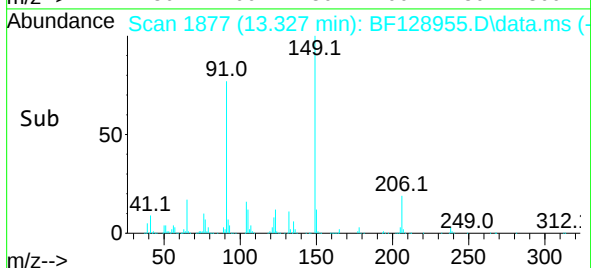
Reviewed By :Christian Giraldo 06/24/2022
 Supervised By :Jagrut Upadhyay 06/28/2022

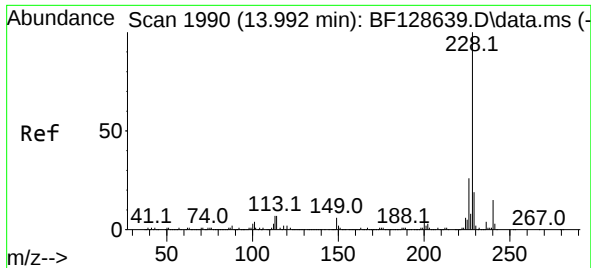


#80
 Butylbenzylphthalate
 Concen: 60.161 ng
 RT: 13.327 min Scan# 1877
 Delta R.T. 0.012 min
 Lab File: BF128955.D
 Acq: 23 Jun 2022 15:28



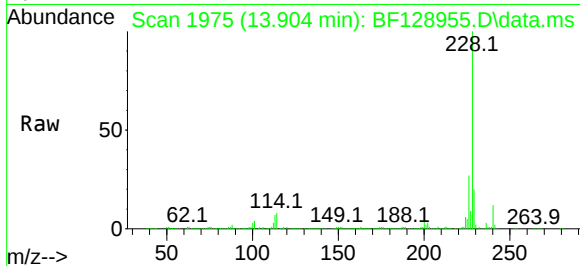
Tgt Ion:149 Resp: 489983
 Ion Ratio Lower Upper
 149 100
 91 76.9 61.2 91.8
 206 19.4 15.7 23.5





#81
Benzo(a)anthracene
Concen: 42.988 ng
RT: 13.904 min Scan# 1975
Delta R.T. 0.018 min
Lab File: BF128955.D
Acq: 23 Jun 2022 15:28

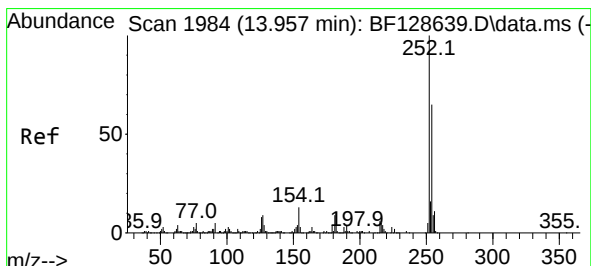
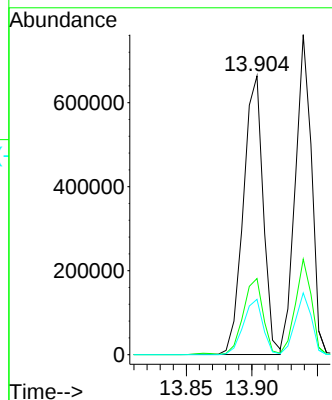
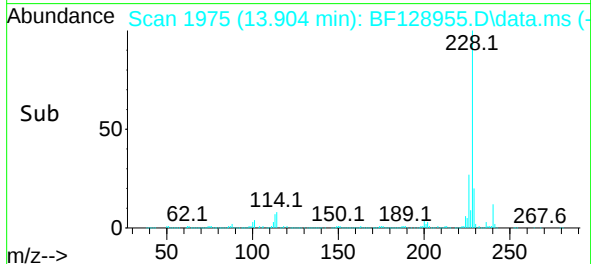
Instrument :
BNA_F
ClientSampleId :
PB145722BS



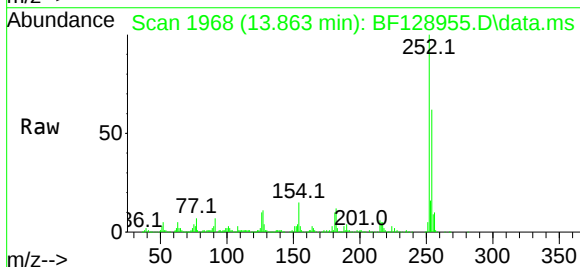
Tgt Ion:228 Resp: 698509
Ion Ratio Lower Upper
228 100
226 27.3 22.1 33.1
229 19.8 15.8 23.8

Manual Integrations
APPROVED

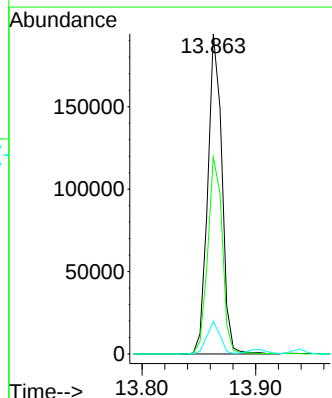
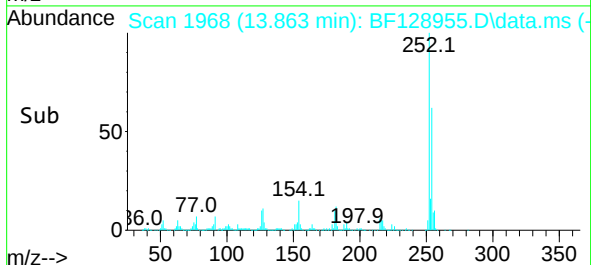
Reviewed By :Christian Giraldo 06/24/2022
Supervised By :Jagrut Upadhyay 06/28/2022

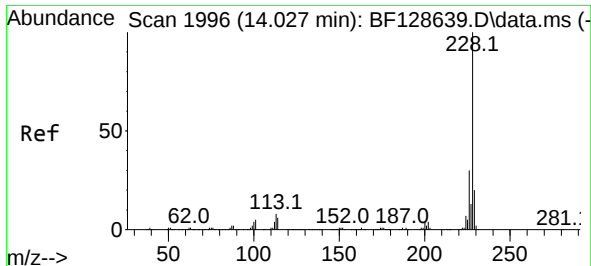


#82
3,3'-Dichlorobenzidine
Concen: 48.349 ng
RT: 13.863 min Scan# 1968
Delta R.T. 0.012 min
Lab File: BF128955.D
Acq: 23 Jun 2022 15:28



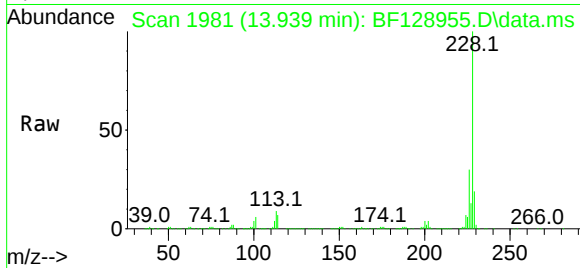
Tgt Ion:252 Resp: 168077
Ion Ratio Lower Upper
252 100
254 61.6 50.2 75.4
126 10.2 8.2 12.4





#83
Chrysene
Concen: 42.397 ng
RT: 13.939 min Scan# 1996
Delta R.T. 0.012 min
Lab File: BF128955.D
Acq: 23 Jun 2022 15:28

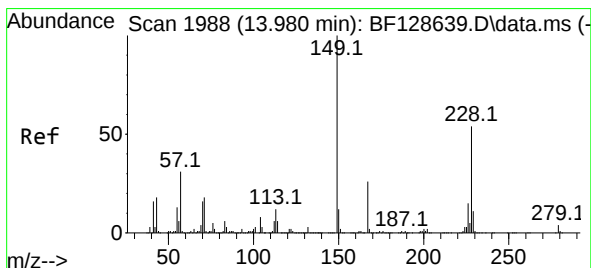
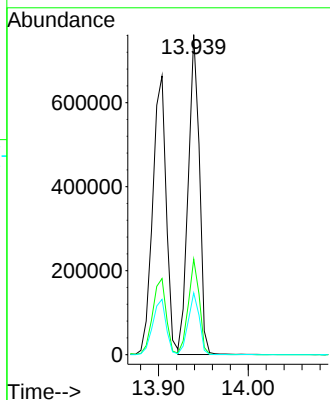
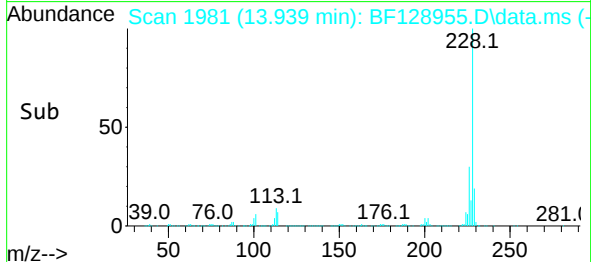
Instrument :
BNA_F
ClientSampleId :
PB145722BS



Tgt Ion:228 Resp: 65678
Ion Ratio Lower Upper
228 100
226 29.8 24.3 36.5
229 19.3 15.9 23.9

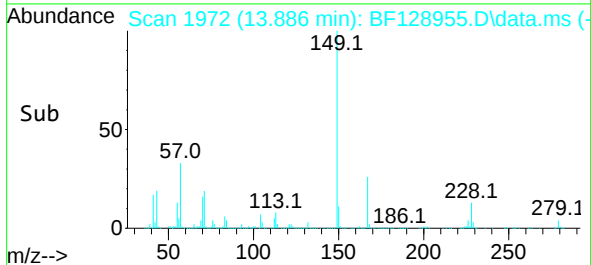
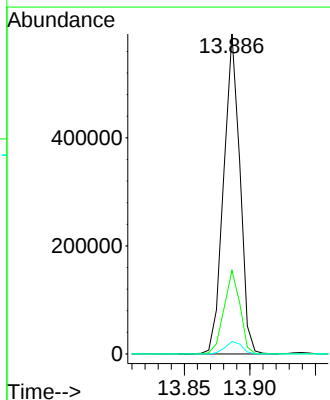
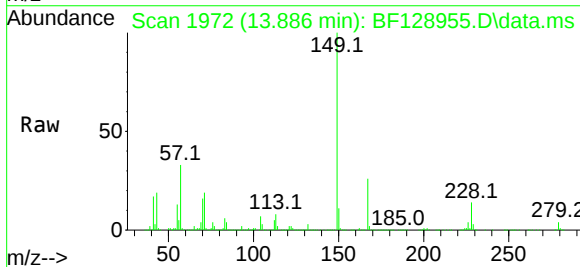
Manual Integrations
APPROVED

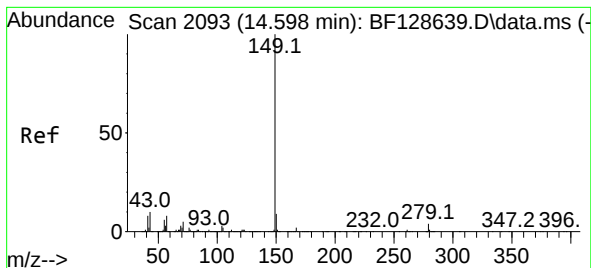
Reviewed By :Christian Giraldo 06/24/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 48.098 ng
RT: 13.886 min Scan# 1972
Delta R.T. 0.012 min
Lab File: BF128955.D
Acq: 23 Jun 2022 15:28

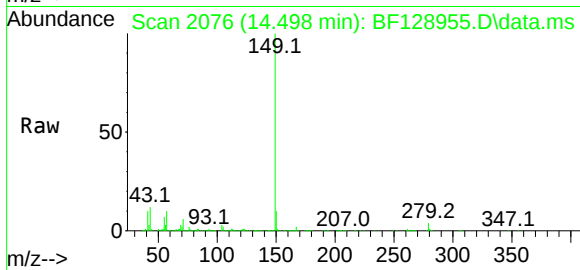
Tgt Ion:149 Resp: 509282
Ion Ratio Lower Upper
149 100
167 26.1 21.0 31.4
279 3.9 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 48.626 ng
RT: 14.498 min Scan# 2093
Delta R.T. 0.012 min
Lab File: BF128955.D
Acq: 23 Jun 2022 15:28

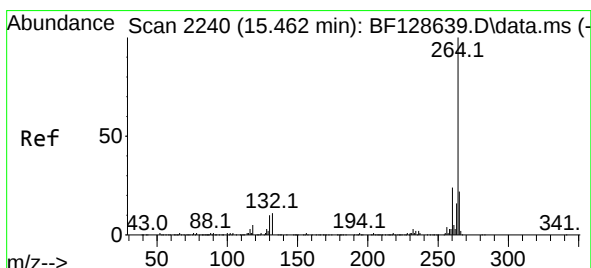
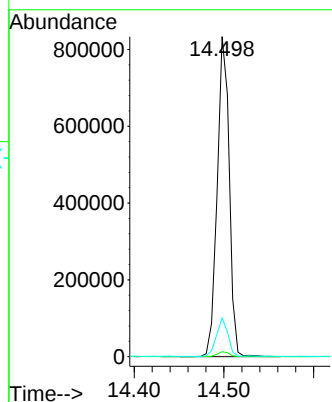
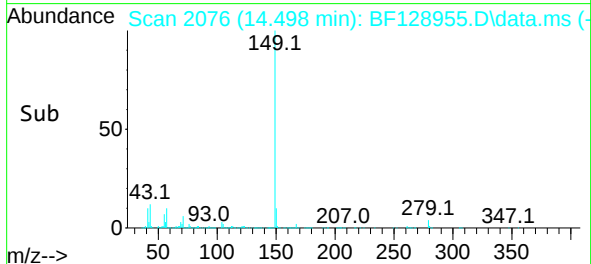
Instrument :
BNA_F
ClientSampleId :
PB145722BS



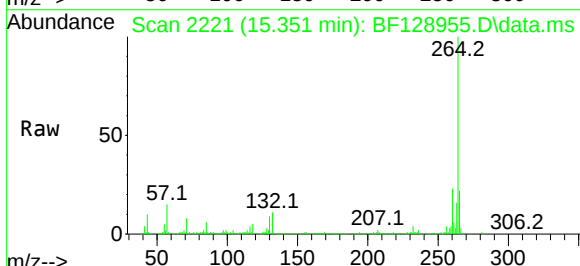
Tgt Ion:149 Resp: 77545
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.3 9.2 13.8

Manual Integrations
APPROVED

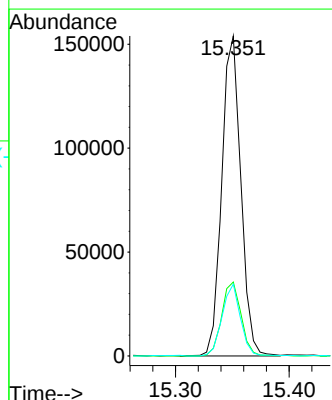
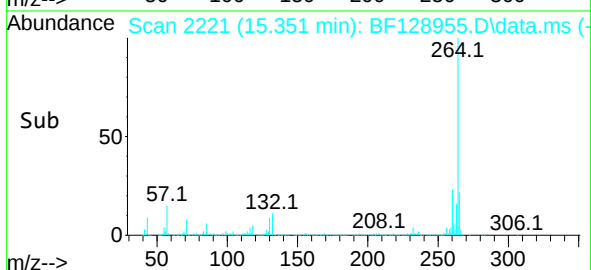
Reviewed By :Christian Giraldo 06/24/2022
Supervised By :Jagrut Upadhyay 06/28/2022

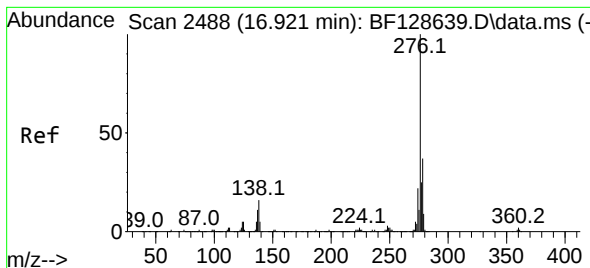


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.351 min Scan# 2221
Delta R.T. 0.024 min
Lab File: BF128955.D
Acq: 23 Jun 2022 15:28



Tgt Ion:264 Resp: 179871
Ion Ratio Lower Upper
264 100
260 23.1 18.4 27.6
265 22.5 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.840 ng

RT: 16.774 min Scan# 2488

Delta R.T. 0.029 min

Lab File: BF128955.D

Acq: 23 Jun 2022 15:28

Instrument :

BNA_F

ClientSampleId :

PB145722BS

Tgt Ion:276 Resp: 43191

Ion Ratio Lower Upper

276 100

138 18.5 21.1 31.7

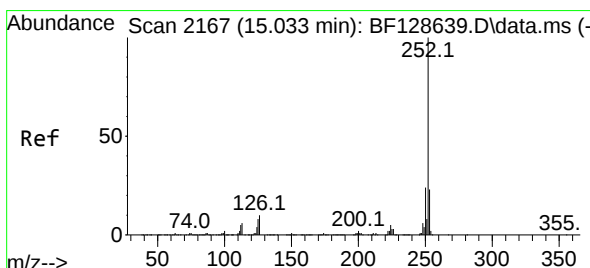
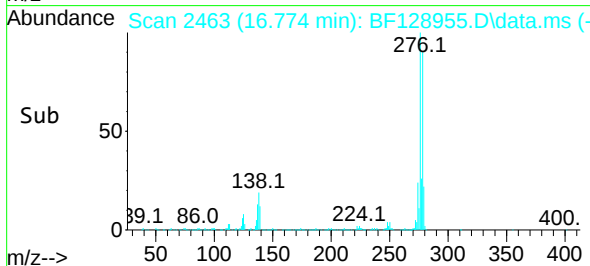
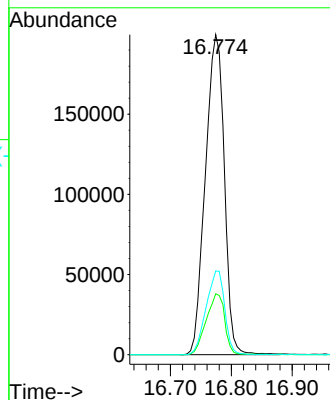
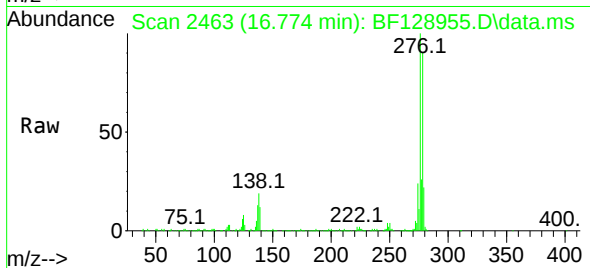
277 25.6 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/24/2022

Supervised By :Jagrut Upadhyay 06/28/2022



#88

Benzo(b)fluoranthene

Concen: 46.160 ng

RT: 14.939 min Scan# 2151

Delta R.T. 0.018 min

Lab File: BF128955.D

Acq: 23 Jun 2022 15:28

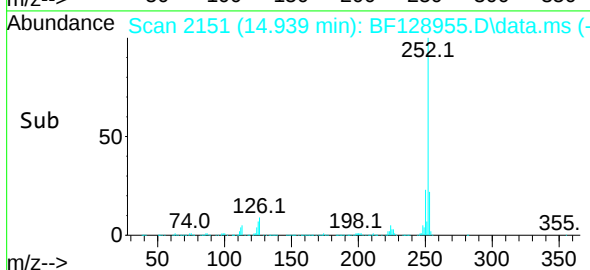
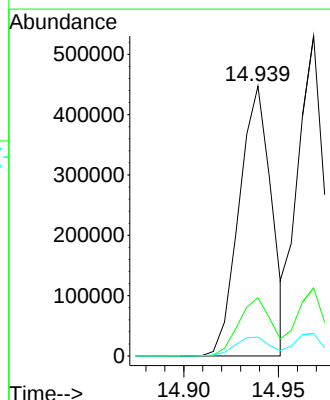
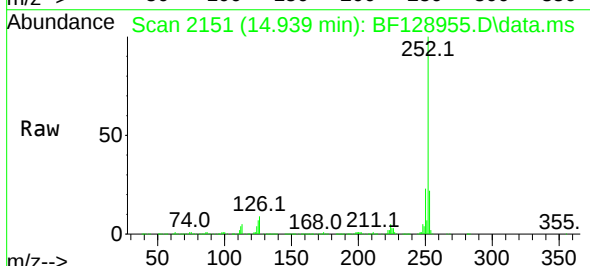
Tgt Ion:252 Resp: 530538

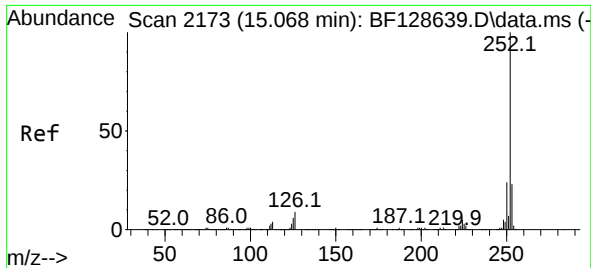
Ion Ratio Lower Upper

252 100

253 21.5 17.7 26.5

125 7.0 8.0 12.0





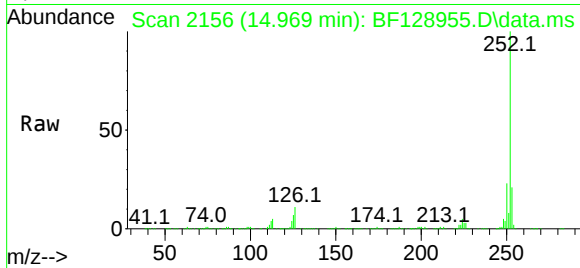
#89
Benzo(k)fluoranthene
Concen: 46.967 ng
RT: 14.969 min Scan# 2115
Delta R.T. 0.018 min
Lab File: BF128955.D
Acq: 23 Jun 2022 15:28

Instrument :

BNA_F

ClientSampleId :

PB145722BS

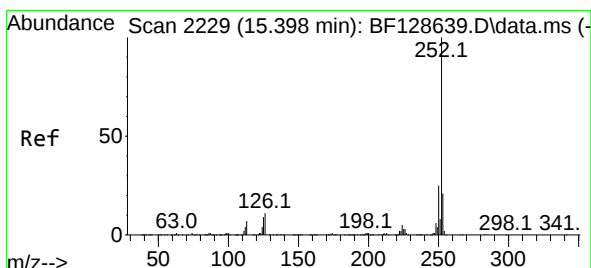
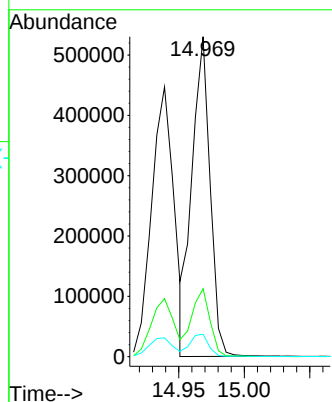
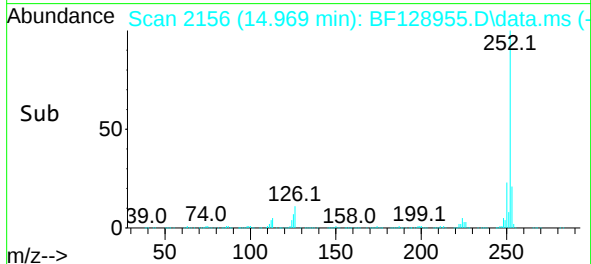


Tgt Ion:252 Resp: 507798
Ion Ratio Lower Upper
252 100
253 21.2 17.8 26.6
125 7.0 8.3 12.5

Manual Integrations

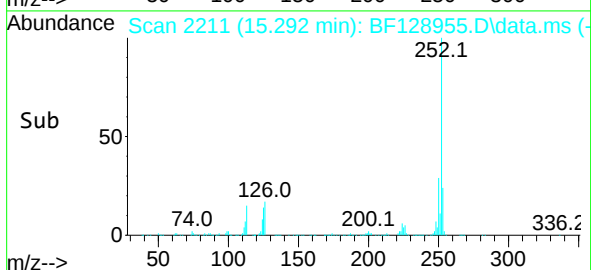
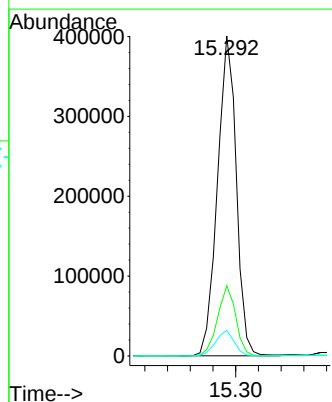
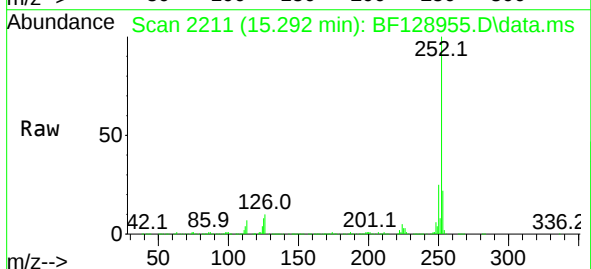
APPROVED

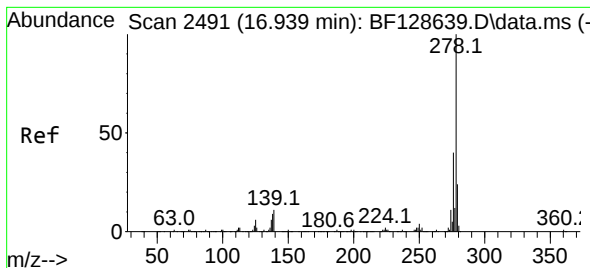
Reviewed By :Christian Giraldo 06/24/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#90
Benzo(a)pyrene
Concen: 51.061 ng
RT: 15.292 min Scan# 2211
Delta R.T. 0.018 min
Lab File: BF128955.D
Acq: 23 Jun 2022 15:28

Tgt Ion:252 Resp: 461260
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 8.0 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 42.547 ng

RT: 16.780 min Scan# 2491

Delta R.T. 0.029 min

Lab File: BF128955.D

Acq: 23 Jun 2022 15:28

Instrument :

BNA_F

ClientSampleId :

PB145722BS

Tgt Ion:278 Resp: 38260

Ion Ratio Lower Upper

278 100

139 11.9 12.8 19.2

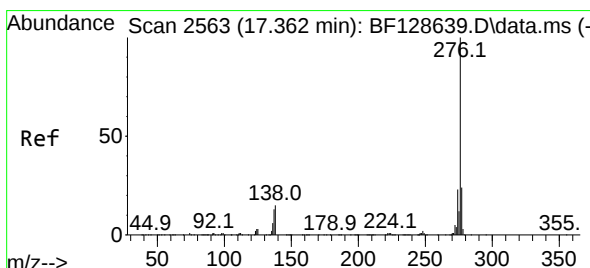
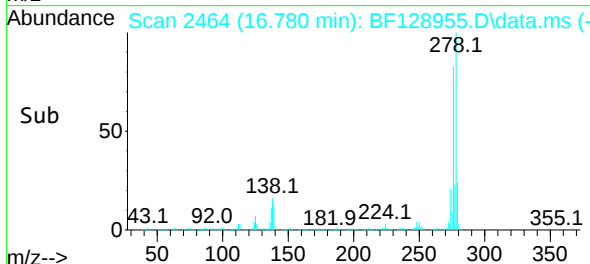
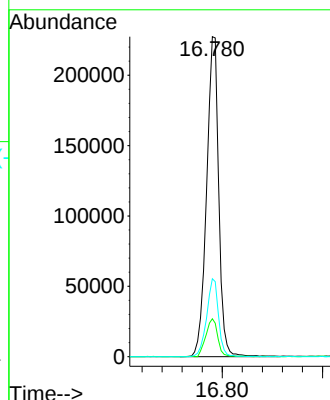
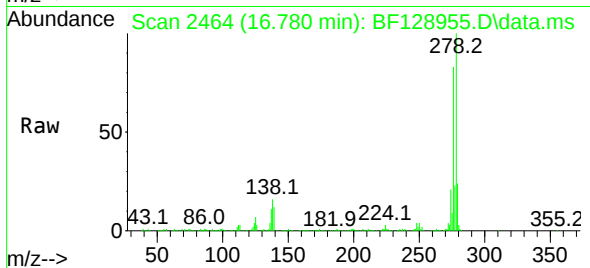
279 24.4 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/24/2022

Supervised By :Jagrut Upadhyay 06/28/2022



#92

Benzo(g,h,i)perylene

Concen: 41.766 ng

RT: 17.198 min Scan# 2535

Delta R.T. 0.030 min

Lab File: BF128955.D

Acq: 23 Jun 2022 15:28

Tgt Ion:276 Resp: 372237

Ion Ratio Lower Upper

276 100

277 24.5 19.1 28.7

138 16.2 18.0 27.0

