

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061322\
 Data File : BF128778.D
 Acq On : 13 Jun 2022 12:03
 Operator : CG\JU
 Sample : PB145464BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145464BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/14/2022
 Supervised By : Jagrut Upadhyay 06/14/2022

Quant Time: Jun 13 13:58:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 08 14:28:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	95121	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	364156	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	200581	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	365912	20.000	ng	0.00
76) Chrysene-d12	13.992	240	237105	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	177823	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	658945	110.342	ng	0.00
7) Phenol-d6	6.475	99	802714	110.117	ng	0.00
23) Nitrobenzene-d5	7.381	82	572059	73.140	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	264121	111.445	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1114525	77.835	ng	0.00
79) Terphenyl-d14	12.927	244	1215167	89.054	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.687	88	69106	31.171	ng	96
3) Pyridine	3.416	79	175882	29.864	ng	91
4) n-Nitrosodimethylamine	3.381	42	144424	35.362	ng	# 80
6) Aniline	6.469	93	266781	33.934	ng	# 66
8) 2-Chlorophenol	6.604	128	258655	42.329	ng	99
9) Benzaldehyde	6.357	77	64436	14.509	ng	96
10) Phenol	6.487	94	319573	41.473	ng	90
11) bis(2-Chloroethyl)ether	6.545	93	239649	42.443	ng	97
12) 1,3-Dichlorobenzene	6.745	146	289623	40.999	ng	97
13) 1,4-Dichlorobenzene	6.822	146	295007	41.349	ng	98
14) 1,2-Dichlorobenzene	6.975	146	281342	42.155	ng	98
15) Benzyl Alcohol	6.963	79	242610	39.778	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.081	45	350921	37.721	ng	# 6
17) 2-Methylphenol	7.087	107	208220	43.114	ng	# 86
18) Hexachloroethane	7.316	117	112298	42.307	ng	95
19) n-Nitroso-di-n-propyla...	7.228	70	193460	42.684	ng	99
20) 3+4-Methylphenols	7.240	107	273840	42.472	ng	# 81
22) Acetophenone	7.222	105	382471	40.157	ng	96
24) Nitrobenzene	7.398	77	294473	41.009	ng	99
25) Isophorone	7.640	82	512076	43.107	ng	# 99
26) 2-Nitrophenol	7.710	139	137179	43.360	ng	# 90
27) 2,4-Dimethylphenol	7.757	122	231566	48.049	ng	92
28) bis(2-Chloroethoxy)met...	7.845	93	301153	40.103	ng	99
29) 2,4-Dichlorophenol	7.963	162	225366	40.404	ng	97
30) 1,2,4-Trichlorobenzene	8.034	180	249271	39.689	ng	95
31) Naphthalene	8.116	128	767160	41.049	ng	99
32) Benzoic acid	7.922	122	93210	27.261	ng	92
33) 4-Chloroaniline	8.163	127	205152	29.115	ng	# 94
34) Hexachlorobutadiene	8.228	225	174392	39.153	ng	98
35) Caprolactam	8.557	113	62587m	40.577	ng	
36) 4-Chloro-3-methylphenol	8.675	107	250298	41.118	ng	98
37) 2-Methylnaphthalene	8.810	142	493536	41.519	ng	99
38) 1-Methylnaphthalene	8.904	142	464203	40.419	ng	98
40) 1,2,4,5-Tetrachloroben...	8.975	216	262171	42.086	ng	99
41) Hexachlorocyclopentadiene	8.957	237	243825	65.115	ng	98
43) 2,4,6-Trichlorophenol	9.098	196	158668	37.665	ng	96

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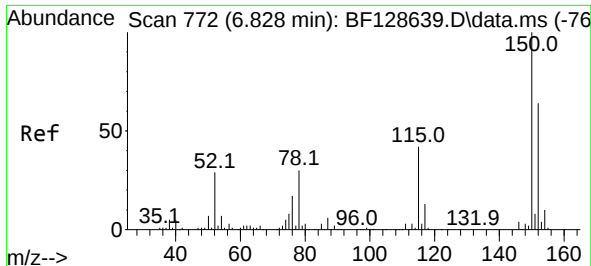
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	167397	38.451	ng	95
46) 1,1'-Biphenyl	9.275	154	621439	41.292	ng	98
47) 2-Chloronaphthalene	9.298	162	476794	41.518	ng	98
48) 2-Nitroaniline	9.404	65	166228	42.329	ng	96
49) Acenaphthylene	9.716	152	768224	43.696	ng	99
50) Dimethylphthalate	9.581	163	573853	41.798	ng	99
51) 2,6-Dinitrotoluene	9.645	165	122204	45.098	ng	87
52) Acenaphthene	9.886	154	435943	38.077	ng	99
53) 3-Nitroaniline	9.816	138	92660	31.507	ng	96
54) 2,4-Dinitrophenol	9.934	184	114216	75.674	ng	86
55) Dibenzofuran	10.063	168	671094	40.786	ng	97
56) 4-Nitrophenol	10.016	139	137604	64.547	ng	# 77
57) 2,4-Dinitrotoluene	10.051	165	164612	45.519	ng	# 87
58) Fluorene	10.404	166	536203	42.021	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	135534	37.692	ng	98
60) Diethylphthalate	10.281	149	569120	41.244	ng	99
61) 4-Chlorophenyl-phenyle...	10.392	204	274638	41.495	ng	94
62) 4-Nitroaniline	10.433	138	120029	40.309	ng	86
63) Azobenzene	10.551	77	539403	39.708	ng	97
65) 4,6-Dinitro-2-methylph...	10.463	198	85830	39.747	ng	94
66) n-Nitrosodiphenylamine	10.516	169	489320	43.507	ng	100
67) 4-Bromophenyl-phenylether	10.886	248	176293	43.203	ng	93
68) Hexachlorobenzene	10.951	284	198571	43.818	ng	97
69) Atrazine	11.051	200	160941	44.499	ng	98
70) Pentachlorophenol	11.157	266	178893	79.081	ng	99
71) Phenanthrene	11.369	178	771852	42.055	ng	99
72) Anthracene	11.422	178	780030	42.939	ng	99
73) Carbazole	11.580	167	668374	39.613	ng	100
74) Di-n-butylphthalate	11.904	149	852370	41.492	ng	99
75) Fluoranthene	12.557	202	806466	42.037	ng	97
77) Benzidine	12.680	184	189027	39.992	ng	98
78) Pyrene	12.786	202	806229	45.703	ng	98
80) Butylbenzylphthalate	13.404	149	321292	43.371	ng	93
81) Benzo(a)anthracene	13.980	228	642562	43.476	ng	99
82) 3,3'-Dichlorobenzidine	13.939	252	178509	56.455	ng	99
83) Chrysene	14.016	228	594371	42.182	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	415782	43.172	ng	# 99
85) Di-n-octyl phthalate	14.574	149	604813	41.696	ng	98
87) Indeno(1,2,3-cd)pyrene	16.921	276	489578	45.679	ng	# 91
88) Benzo(b)fluoranthene	15.027	252	509340	44.826	ng	# 98
89) Benzo(k)fluoranthene	15.057	252	494061	46.222	ng	# 97
90) Benzo(a)pyrene	15.392	252	464978	52.065	ng	# 97
91) Dibenzo(a,h)anthracene	16.939	278	443037	49.834	ng	# 94
92) Benzo(g,h,i)perylene	17.368	276	434915	49.360	ng	# 91

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF128778.D
Acq: 13 Jun 2022 12:03

Instrument :

BNA_F

ClientSampleId :

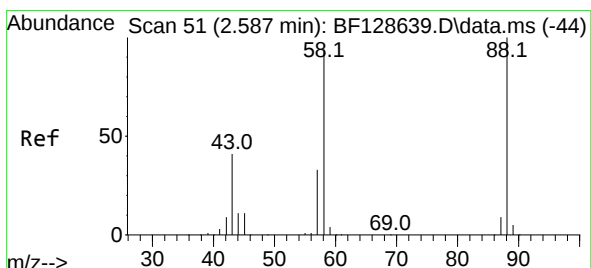
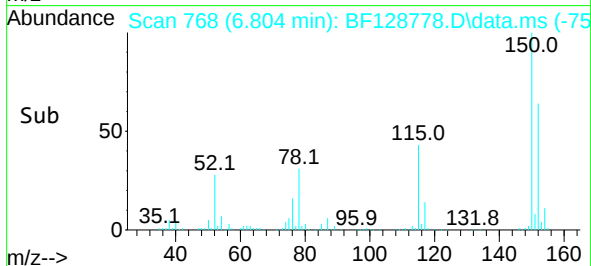
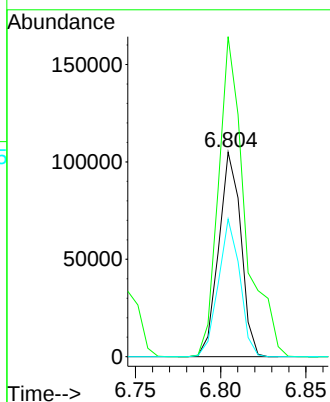
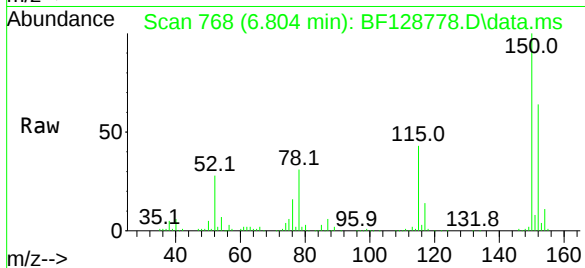
PB145464BS

Tgt Ion:152 Resp: 9512
Ion Ratio Lower Upper
152 100
150 156.5 123.7 185.5
115 67.3 49.9 74.9

Manual Integrations

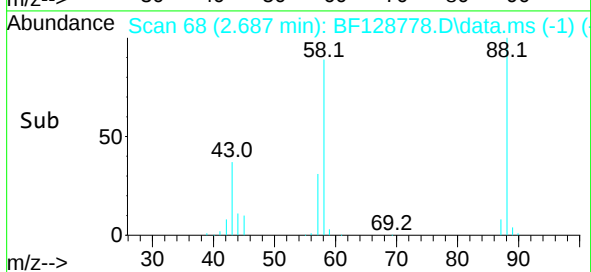
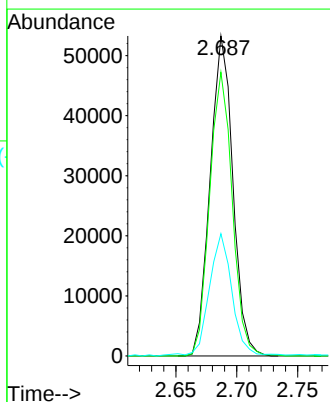
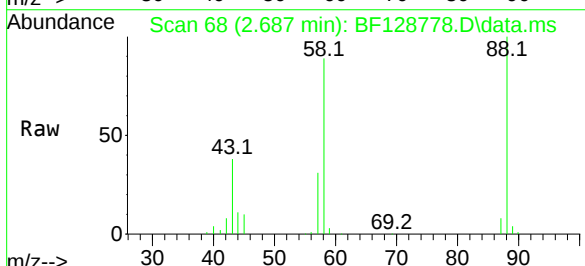
APPROVED

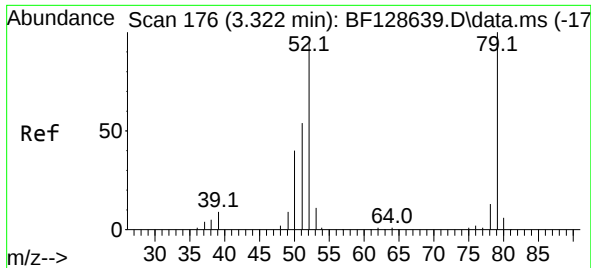
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022



#2
1,4-Dioxane
Concen: 31.171 ng
RT: 2.687 min Scan# 68
Delta R.T. 0.094 min
Lab File: BF128778.D
Acq: 13 Jun 2022 12:03

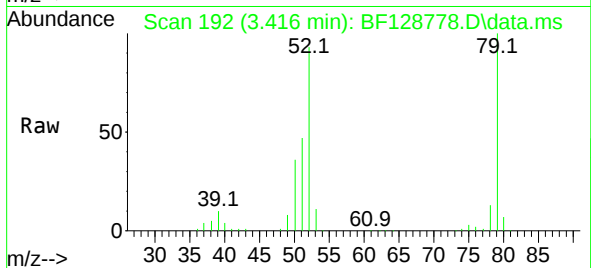
Tgt Ion: 88 Resp: 69106
Ion Ratio Lower Upper
88 100
58 88.2 71.8 107.8
43 38.6 26.6 39.8





#3
Pyridine
Concen: 29.864 ng
RT: 3.416 min Scan# 192
Delta R.T. 0.088 min
Lab File: BF128778.D
Acq: 13 Jun 2022 12:03

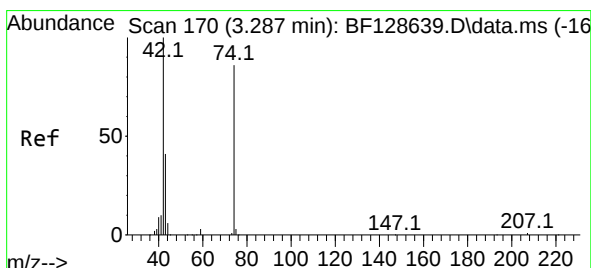
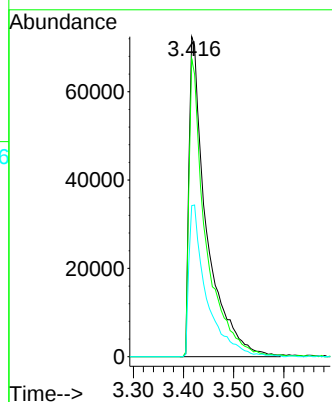
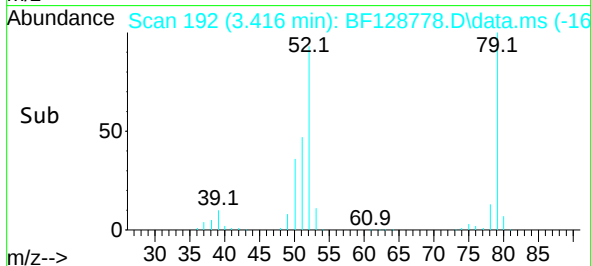
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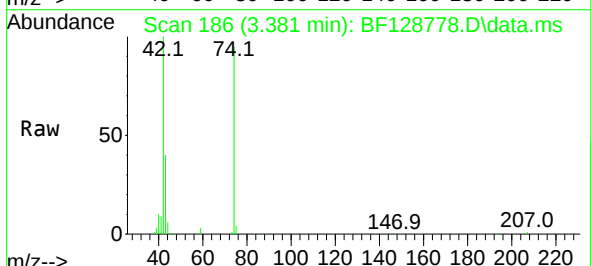
Tgt Ion: 79 Resp: 17588
Ion Ratio Lower Upper
79 100
52 93.1 68.6 102.8
51 47.2 32.9 49.3

Manual Integrations
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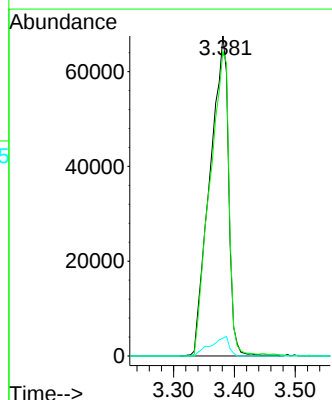
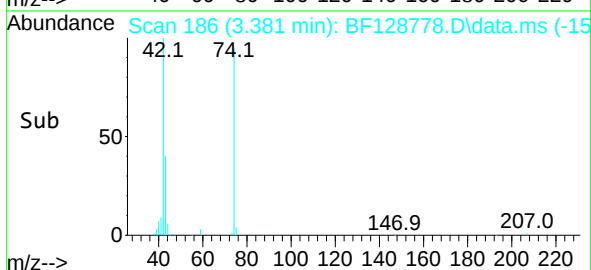
Reviewed By :Christian Giraldo 06/14/2022
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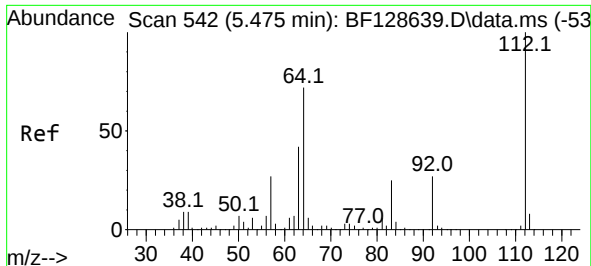


#4
n-Nitrosodimethylamine
Concen: 35.362 ng
RT: 3.381 min Scan# 186
Delta R.T. 0.088 min
Lab File: BF128778.D
Acq: 13 Jun 2022 12:03



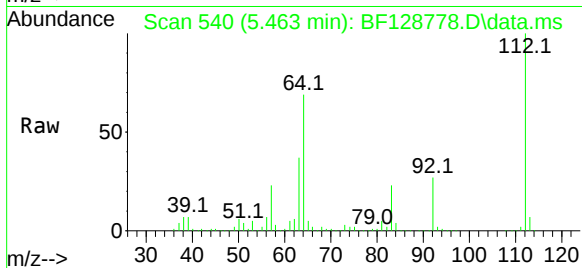
Tgt Ion: 42 Resp: 144424
Ion Ratio Lower Upper
42 100
74 95.1 94.8 142.2
44 5.5 6.6 10.0#





#5
2-Fluorophenol
Concen: 110.342 ng
RT: 5.463 min Scan# 542
Delta R.T. 0.006 min
Lab File: BF128778.D
Acq: 13 Jun 2022 12:03

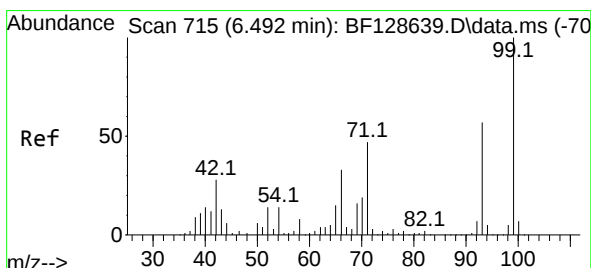
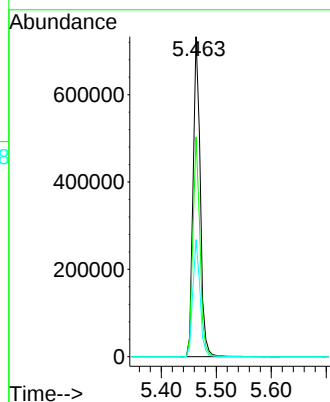
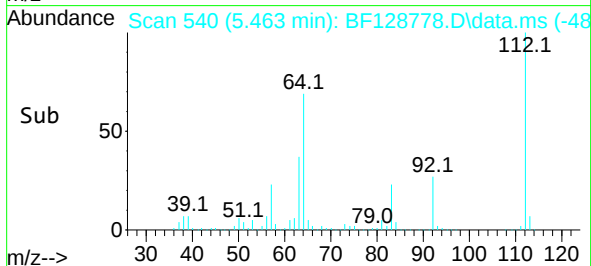
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Tgt Ion:112 Resp: 658945
Ion Ratio Lower Upper
112 100
64 68.7 53.3 79.9
63 36.6 28.0 42.0

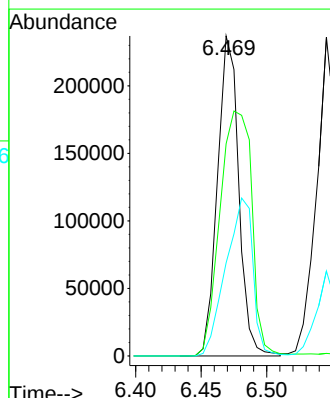
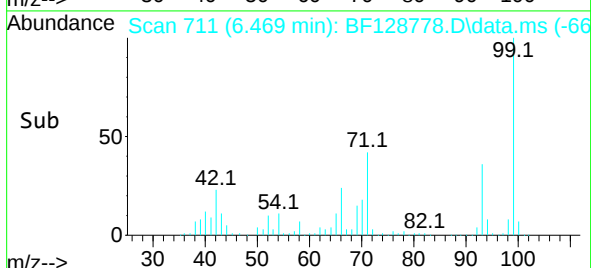
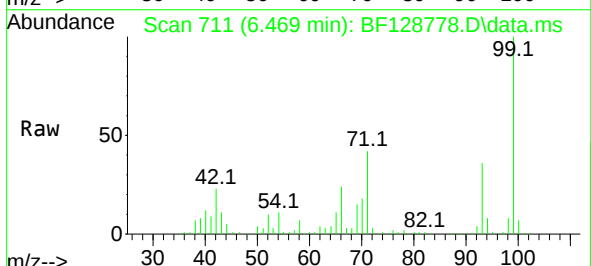
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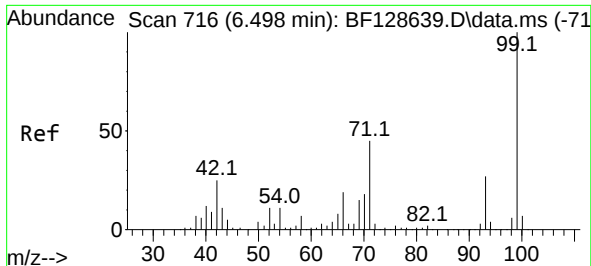
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022



#6
Aniline
Concen: 33.934 ng
RT: 6.469 min Scan# 711
Delta R.T. -0.012 min
Lab File: BF128778.D
Acq: 13 Jun 2022 12:03

Tgt Ion: 93 Resp: 266781
Ion Ratio Lower Upper
93 100
66 66.3 32.5 48.7#
65 29.1 16.4 24.6#





#7

Phenol-d6

Concen: 110.117 ng

RT: 6.475 min Scan# 716

Delta R.T. -0.006 min

Lab File: BF128778.D

Acq: 13 Jun 2022 12:03

Instrument :

BNA_F

ClientSampleId :

PB145464BS

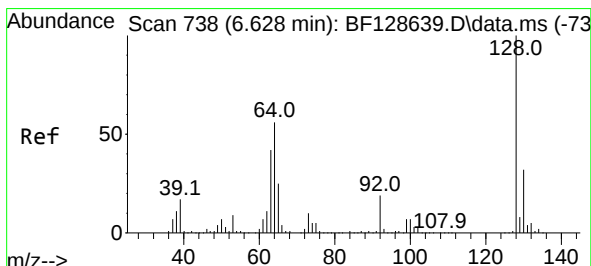
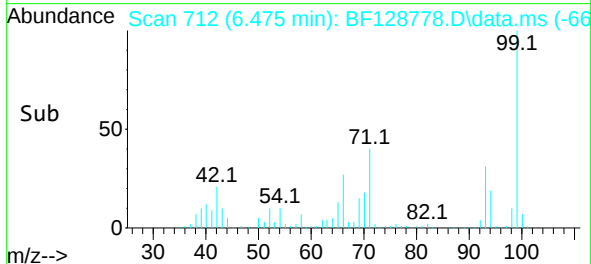
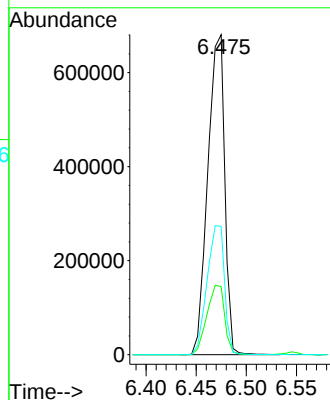
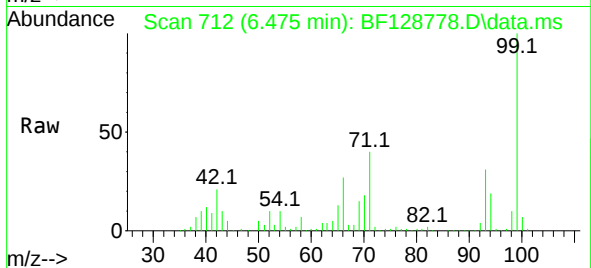
Tgt Ion: 99 Resp: 802714

Ion	Ratio	Lower	Upper
99	100		
42	21.2	17.3	25.9
71	40.1	28.9	43.3

Manual Integrations

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#8

2-Chlorophenol

Concen: 42.329 ng

RT: 6.604 min Scan# 734

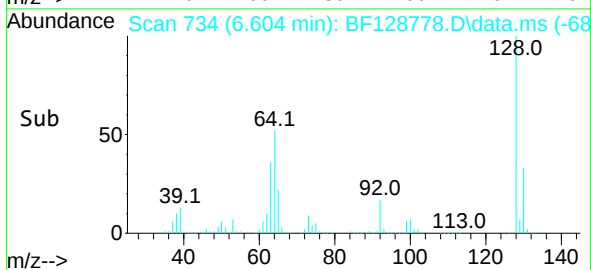
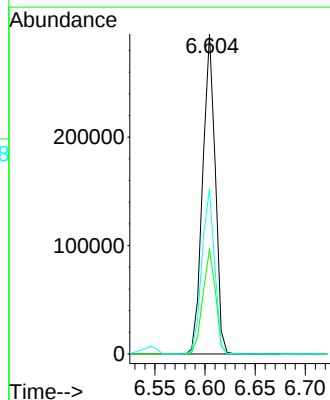
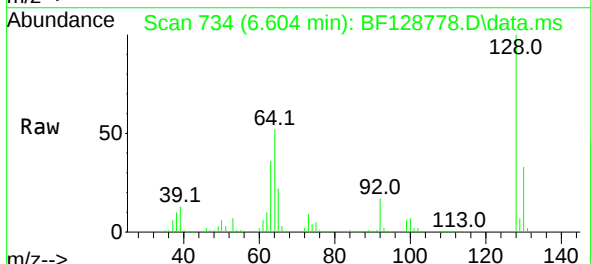
Delta R.T. -0.006 min

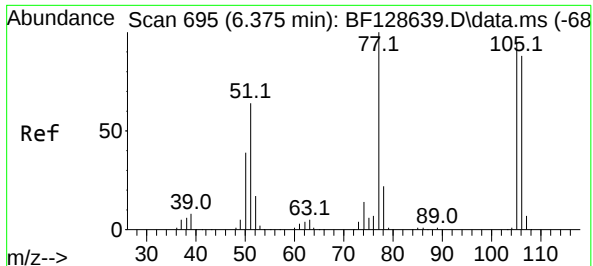
Lab File: BF128778.D

Acq: 13 Jun 2022 12:03

Tgt Ion:128 Resp: 258655

Ion	Ratio	Lower	Upper
128	100		
130	32.6	13.1	53.1
64	51.6	30.9	70.9





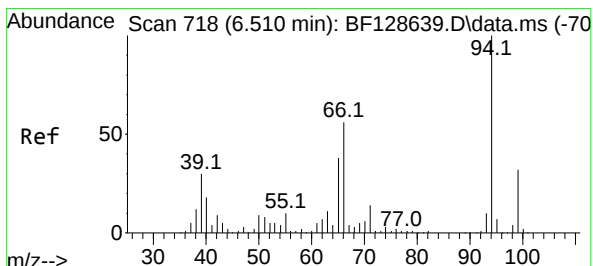
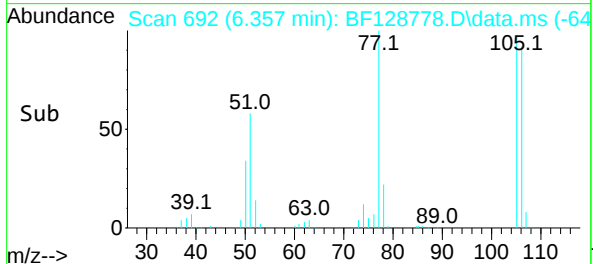
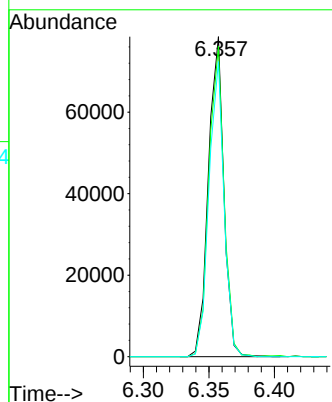
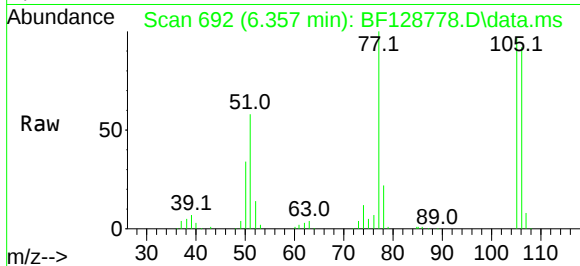
#9
Benzaldehyde
Concen: 14.509 ng
RT: 6.357 min Scan# 695
Delta R.T. -0.006 min
Lab File: BF128778.D
Acq: 13 Jun 2022 12:03

Instrument :
BNA_F
ClientSampleId :
PB145464BS

Tgt Ion: 77 Resp: 64430
Ion Ratio Lower Upper
77 100
105 97.0 81.6 121.6
106 92.2 76.1 116.1

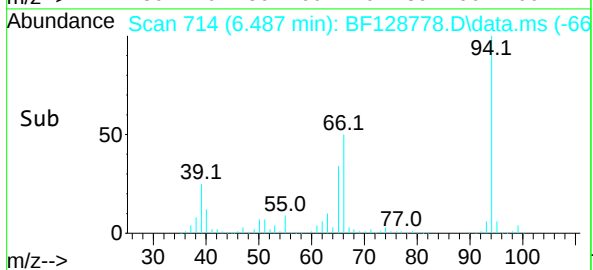
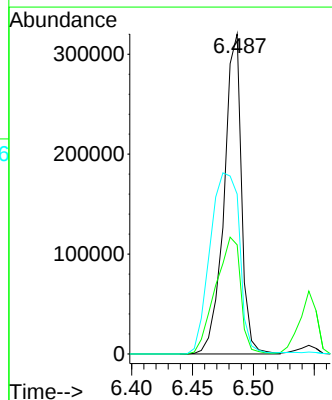
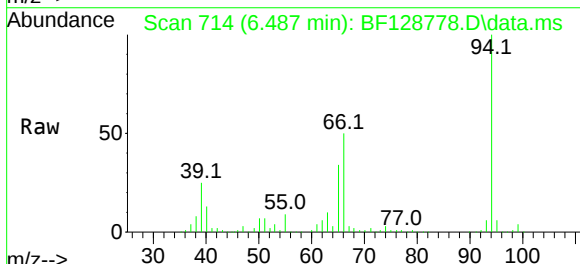
Manual Integrations
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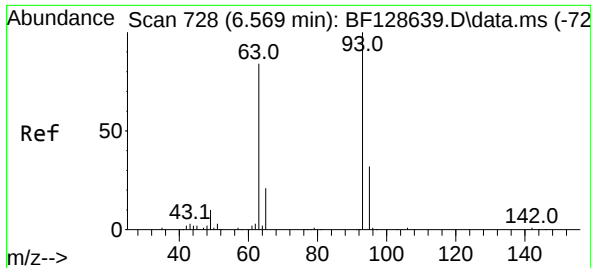
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022



#10
Phenol
Concen: 41.473 ng
RT: 6.487 min Scan# 714
Delta R.T. -0.006 min
Lab File: BF128778.D
Acq: 13 Jun 2022 12:03

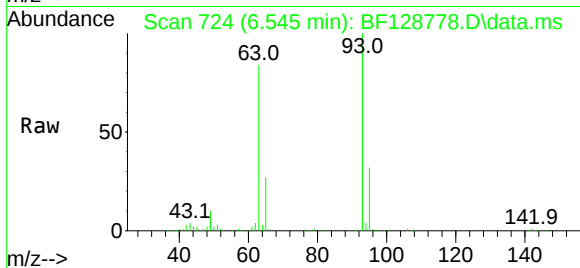
Tgt Ion: 94 Resp: 319573
Ion Ratio Lower Upper
94 100
65 34.1 11.4 51.4
66 50.0 21.4 61.4





#11
bis(2-Chloroethyl)ether
Concen: 42.443 ng
RT: 6.545 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128778.D
Acq: 13 Jun 2022 12:03

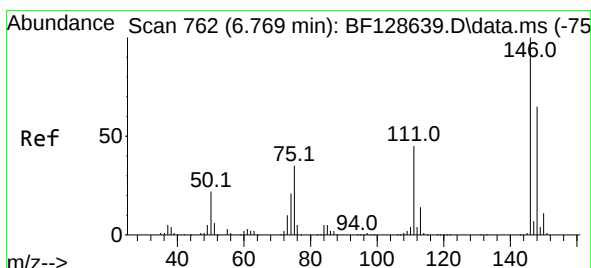
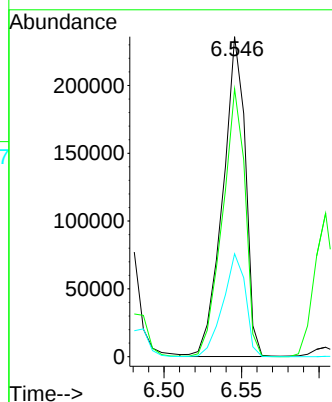
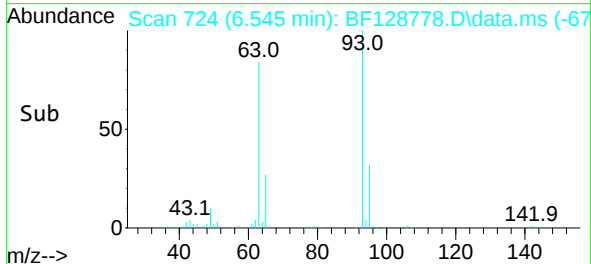
Instrument :
BNA_F
ClientSampleId :
PB145464BS



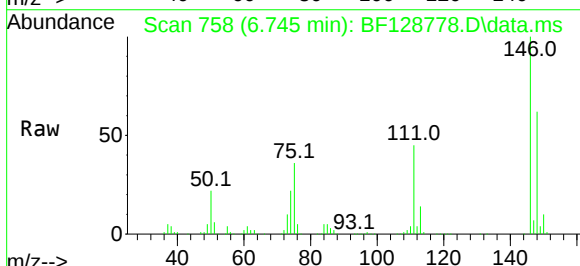
Tgt Ion: 93 Resp: 239649
Ion Ratio Lower Upper
93 100
63 83.7 67.4 107.4
95 32.2 12.7 52.7

Manual Integrations
APPROVED

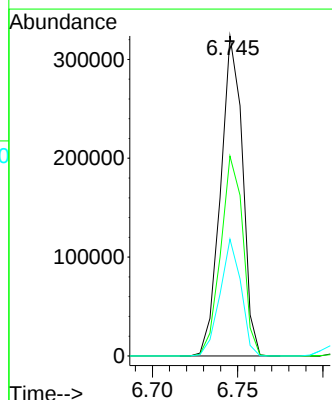
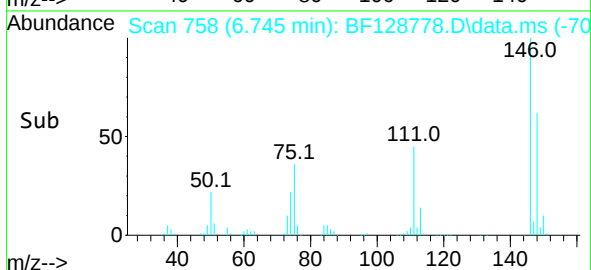
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

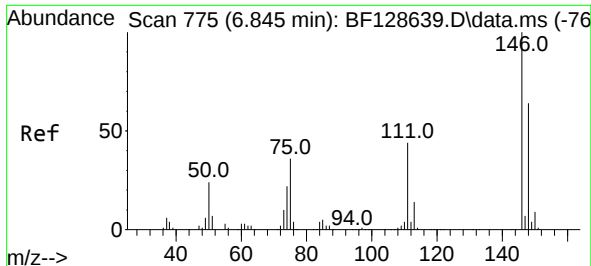


#12
1,3-Dichlorobenzene
Concen: 40.999 ng
RT: 6.745 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF128778.D
Acq: 13 Jun 2022 12:03



Tgt Ion:146 Resp: 289623
Ion Ratio Lower Upper
146 100
148 62.4 50.6 75.8
75 36.5 26.3 39.5





#13

1,4-Dichlorobenzene

Concen: 41.349 ng

RT: 6.822 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF128778.D

Acq: 13 Jun 2022 12:03

Instrument :

BNA_F

ClientSampleId :

PB145464BS

Tgt Ion:146 Resp: 29500

Ion Ratio Lower Upper

146 100

148 64.1 51.1 76.7

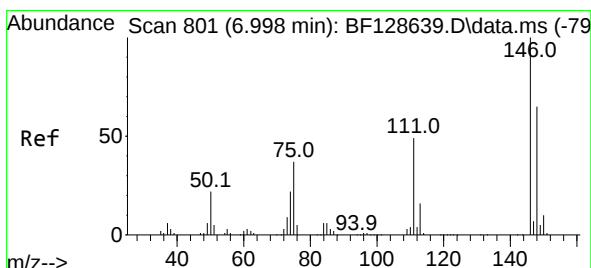
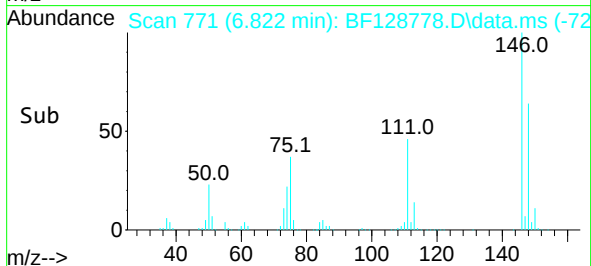
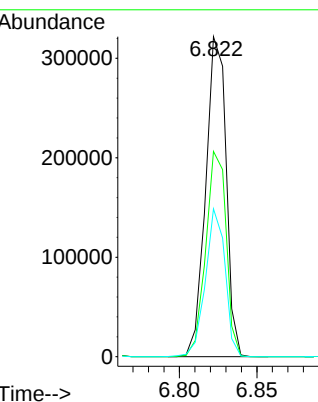
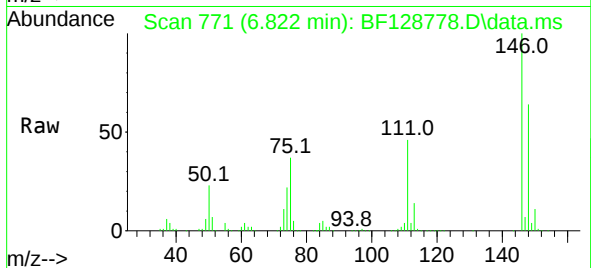
111 46.2 34.2 51.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/14/2022

Supervised By :Jagrut Upadhyay 06/14/2022



#14

1,2-Dichlorobenzene

Concen: 42.155 ng

RT: 6.975 min Scan# 797

Delta R.T. -0.012 min

Lab File: BF128778.D

Acq: 13 Jun 2022 12:03

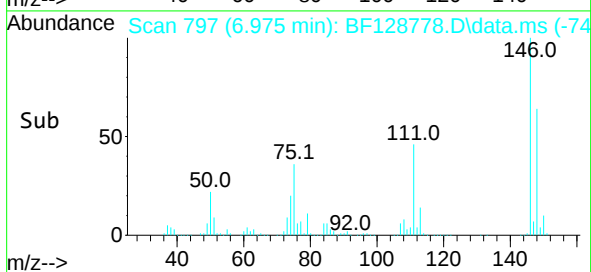
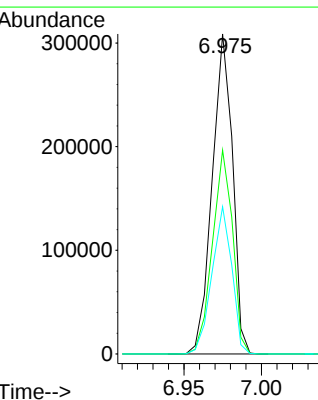
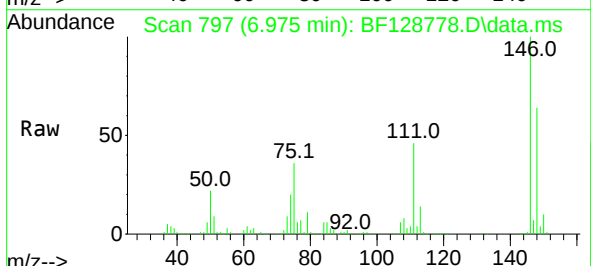
Tgt Ion:146 Resp: 281342

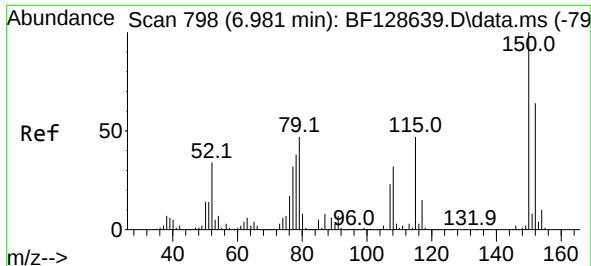
Ion Ratio Lower Upper

146 100

148 63.7 51.8 77.8

111 46.0 35.1 52.7





#15

Benzyl Alcohol

Concen: 39.778 ng

RT: 6.963 min Scan# 79

Delta R.T. -0.000 min

Lab File: BF128778.D

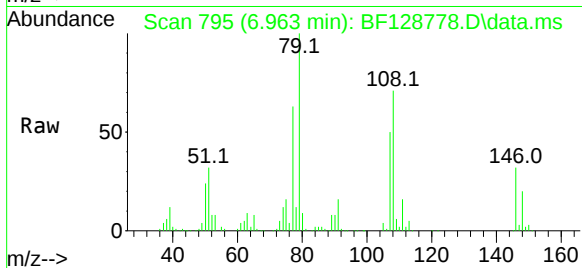
Acq: 13 Jun 2022 12:03

Instrument :

BNA_F

ClientSampleId :

PB145464BS

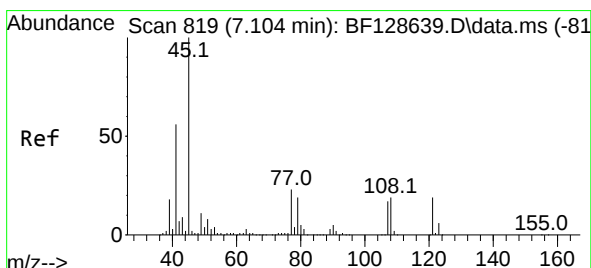
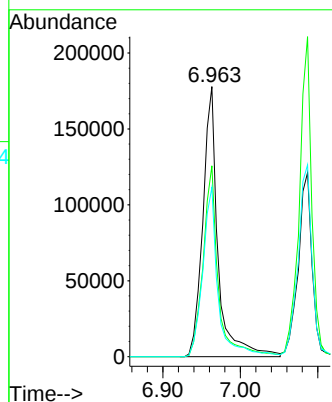
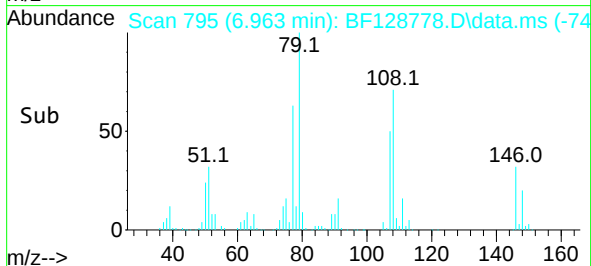


Tgt Ion: 79 Resp: 242610

Ion	Ratio	Lower	Upper
79	100		
108	70.7	61.8	92.6
77	62.7	50.2	75.4

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.721 ng

RT: 7.081 min Scan# 815

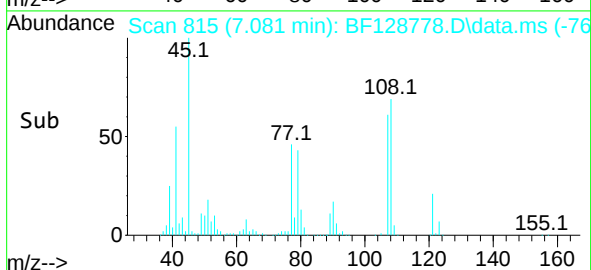
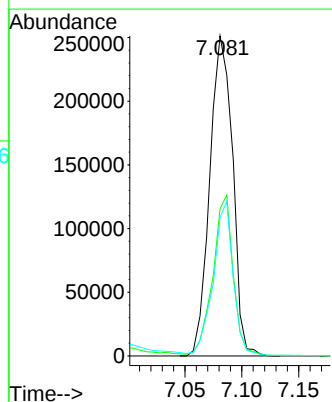
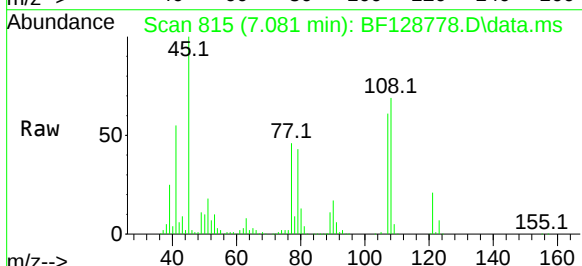
Delta R.T. -0.006 min

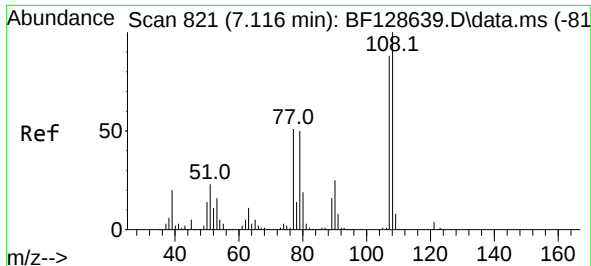
Lab File: BF128778.D

Acq: 13 Jun 2022 12:03

Tgt Ion: 45 Resp: 350921

Ion	Ratio	Lower	Upper
45	100		
77	46.0	0.0	31.3#
79	43.3	0.0	28.3#





#17

2-Methylphenol

Concen: 43.114 ng

RT: 7.087 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF128778.D

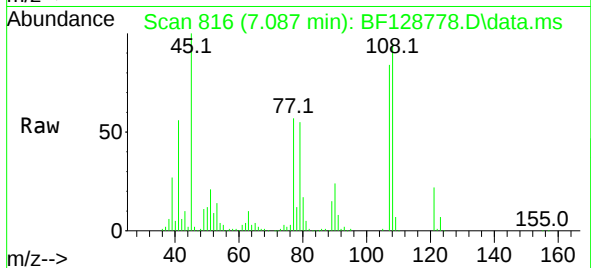
Acq: 13 Jun 2022 12:03

Instrument :

BNA_F

ClientSampleId :

PB145464BS



Tgt Ion:107 Resp: 208220

Ion Ratio Lower Upper

107 100

108 113.3 91.9 137.9

77 68.0 37.8 56.8

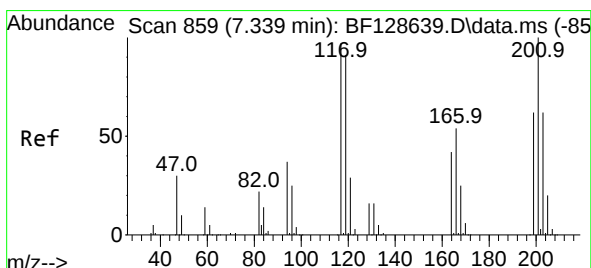
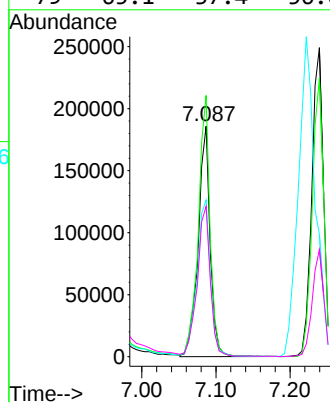
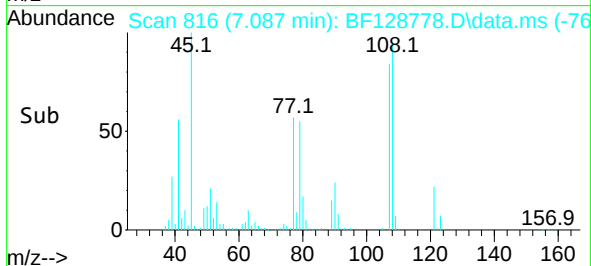
79 65.1 37.4 56.0

Manual Integrations

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Reviewed By :Christian Giraldo 06/14/2022

Supervised By :Jagrut Upadhyay 06/14/2022



#18

Hexachloroethane

Concen: 42.307 ng

RT: 7.316 min Scan# 855

Delta R.T. -0.006 min

Lab File: BF128778.D

Acq: 13 Jun 2022 12:03

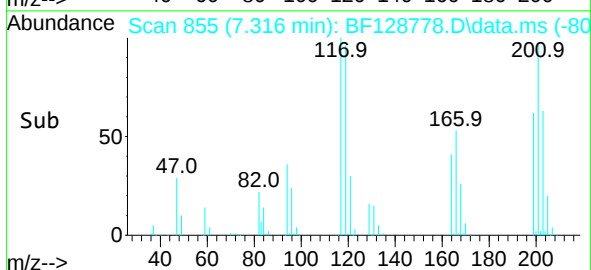
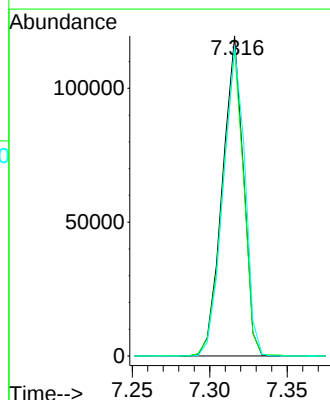
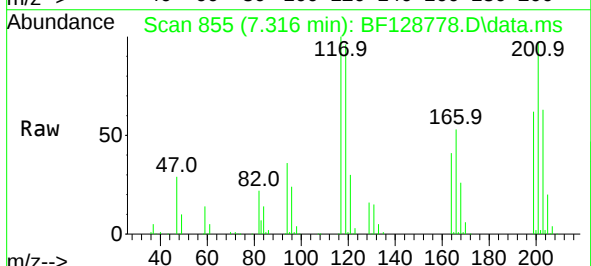
Tgt Ion:117 Resp: 112298

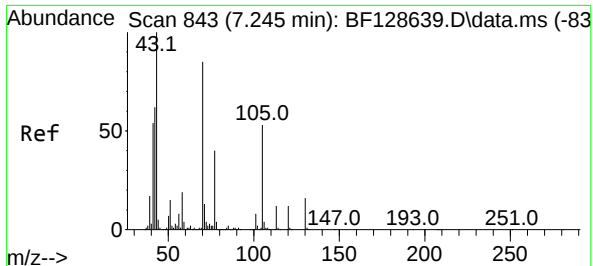
Ion Ratio Lower Upper

117 100

119 95.9 77.4 116.2

201 96.9 84.6 127.0





#19

n-Nitroso-di-n-propylamine

Concen: 42.684 ng

RT: 7.228 min Scan# 84

Delta R.T. -0.006 min

Lab File: BF128778.D

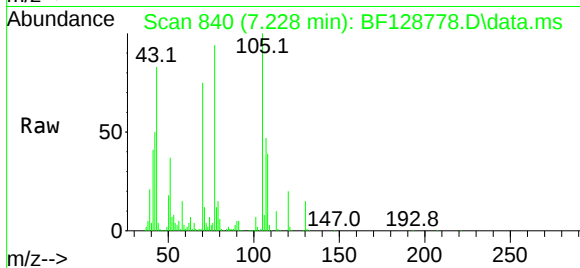
Acq: 13 Jun 2022 12:03

Instrument :

BNA_F

ClientSampleId :

PB145464BS



Tgt Ion: 70 Resp: 193460

Ion Ratio Lower Upper

70 100

42 66.5 52.3 78.5

101 9.8 7.5 11.3

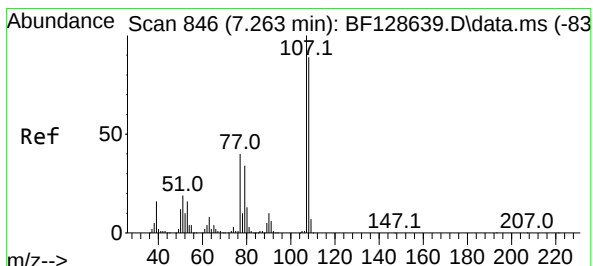
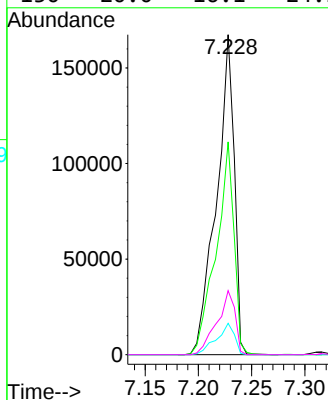
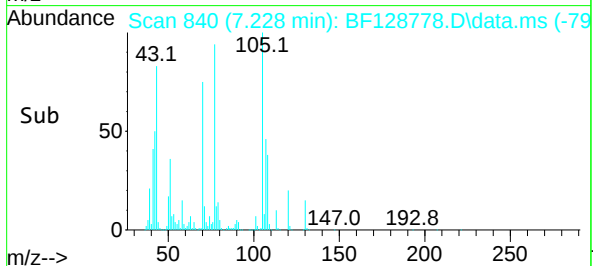
130 20.0 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/14/2022

Supervised By :Jagrut Upadhyay 06/14/2022



#20

3+4-Methylphenols

Concen: 42.472 ng

RT: 7.240 min Scan# 842

Delta R.T. -0.006 min

Lab File: BF128778.D

Acq: 13 Jun 2022 12:03

Tgt Ion:107 Resp: 273840

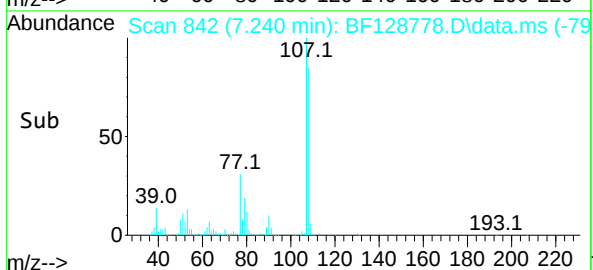
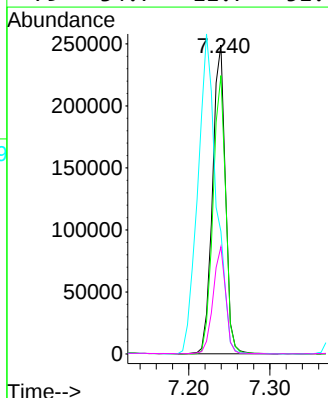
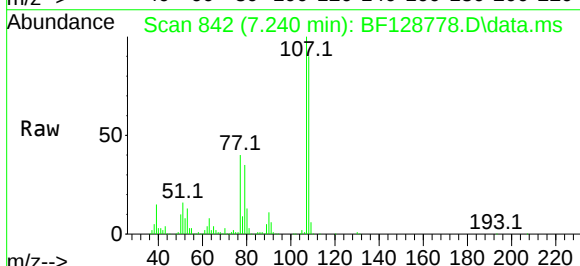
Ion Ratio Lower Upper

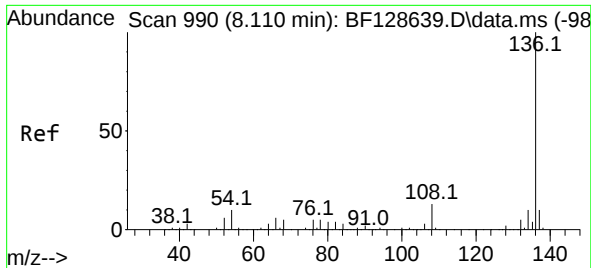
107 100

108 90.1 71.8 111.8

77 39.6 59.3 99.3

79 34.7 11.7 51.7





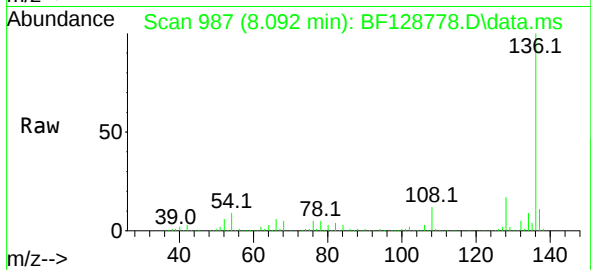
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128778.D
Acq: 13 Jun 2022 12:03

Instrument :

BNA_F

ClientSampleId :

PB145464BS

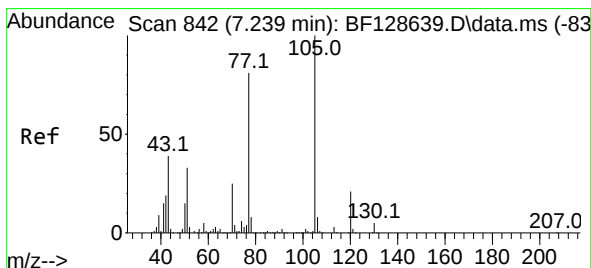
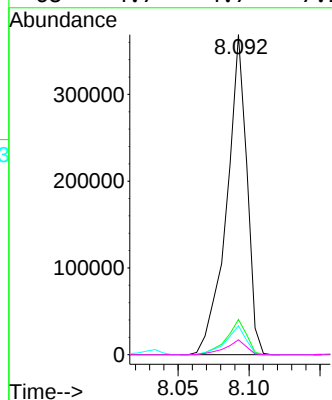


Tgt Ion:136 Resp: 364150
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 9.0 7.5 11.3
68 4.7 4.7 7.1#

Manual Integrations

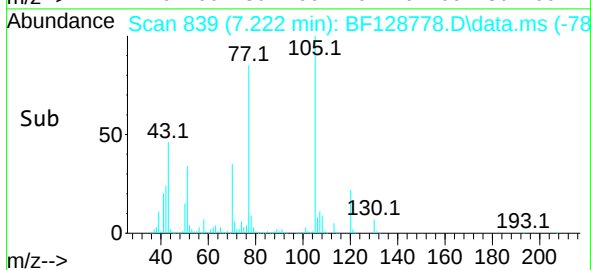
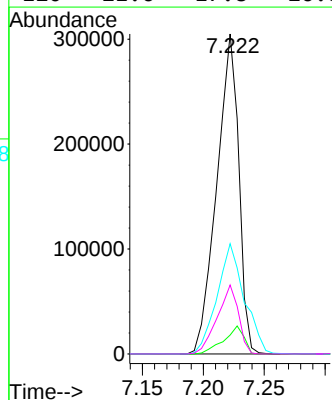
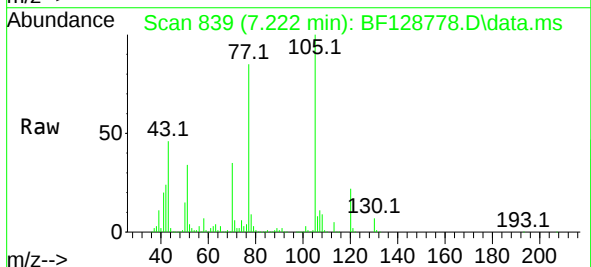
APPROVED

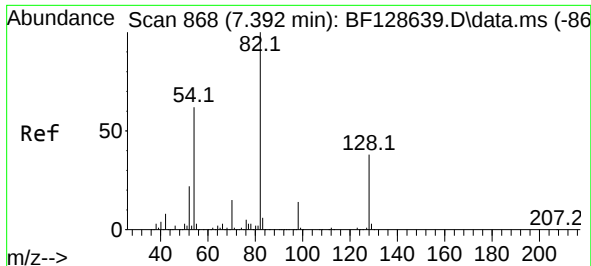
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022



#22
Acetophenone
Concen: 40.157 ng
RT: 7.222 min Scan# 839
Delta R.T. -0.006 min
Lab File: BF128778.D
Acq: 13 Jun 2022 12:03

Tgt Ion:105 Resp: 382471
Ion Ratio Lower Upper
105 100
71 5.9 5.0 7.4
51 34.4 25.0 37.4
120 21.6 17.8 26.8





#23
Nitrobenzene-d5
Concen: 73.140 ng
RT: 7.381 min Scan# 868
Delta R.T. -0.000 min
Lab File: BF128778.D
Acq: 13 Jun 2022 12:03

Instrument :

BNA_F

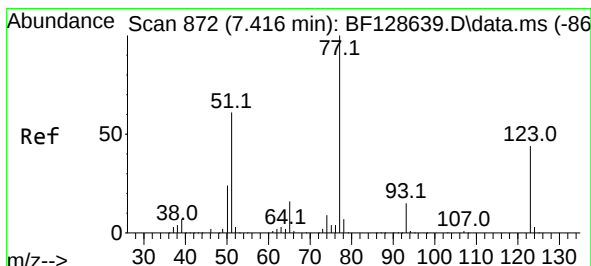
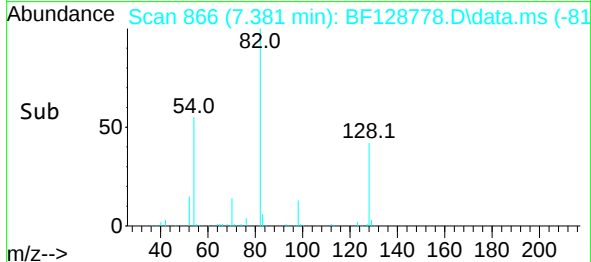
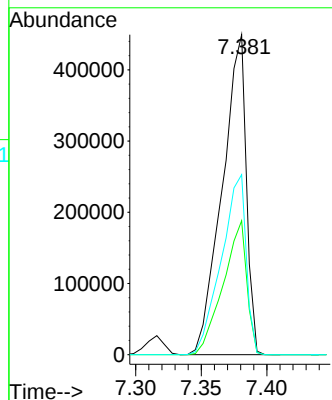
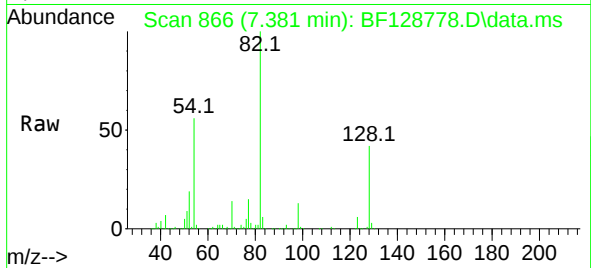
ClientSampleId :

PB145464BS

Tgt Ion: 82 Resp: 572059
Ion Ratio Lower Upper
82 100
128 41.9 34.0 51.0
54 56.2 46.9 70.3

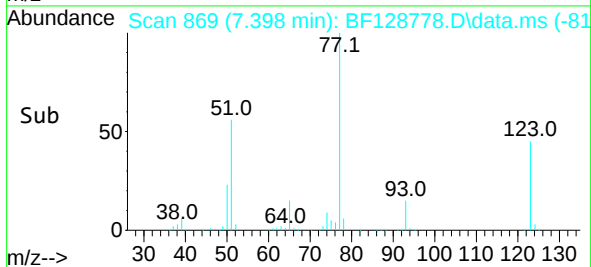
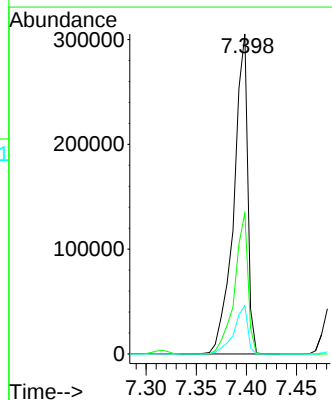
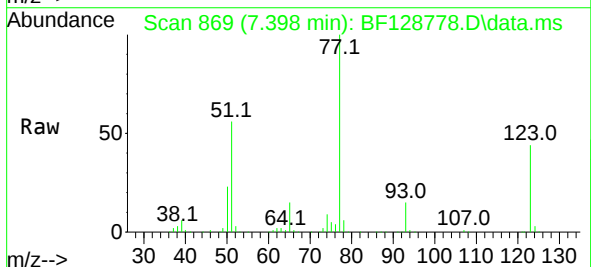
Manual Integrations
APPROVED

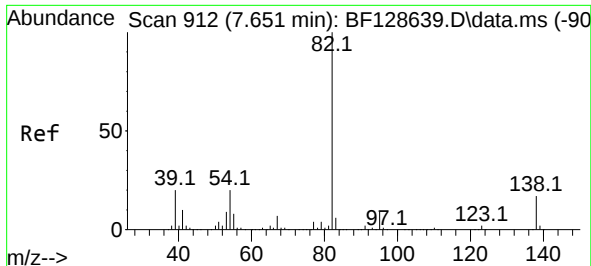
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022



#24
Nitrobenzene
Concen: 41.009 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF128778.D
Acq: 13 Jun 2022 12:03

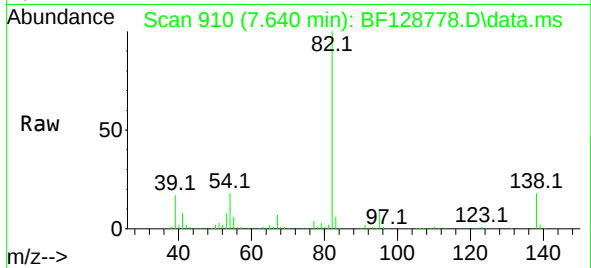
Tgt Ion: 77 Resp: 294473
Ion Ratio Lower Upper
77 100
123 44.0 35.4 53.2
65 15.1 11.8 17.8





#25
Isophorone
Concen: 43.107 ng
RT: 7.640 min Scan# 912
Delta R.T. -0.000 min
Lab File: BF128778.D
Acq: 13 Jun 2022 12:03

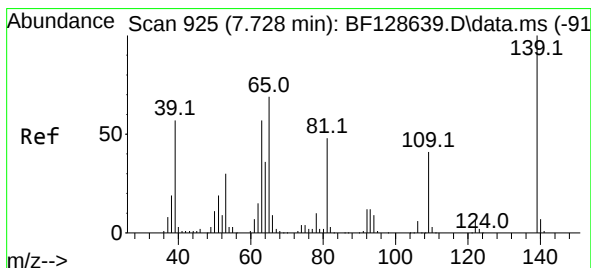
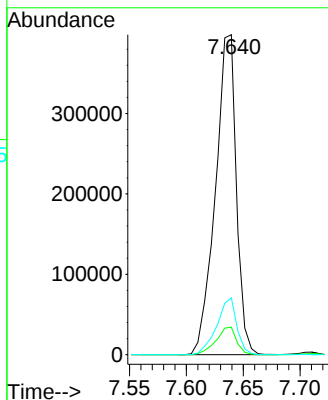
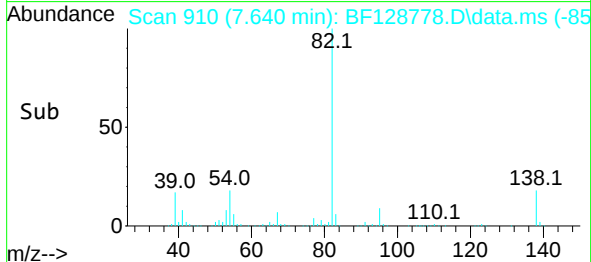
Instrument :
BNA_F
ClientSampleId :
PB145464BS



Tgt Ion: 82 Resp: 512070
Ion Ratio Lower Upper
82 100
95 8.6 5.7 8.5
138 17.7 14.2 21.2

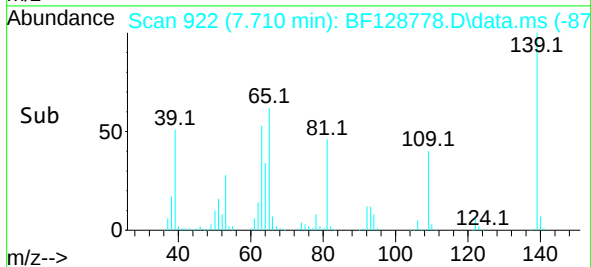
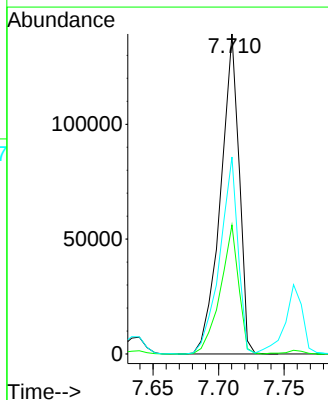
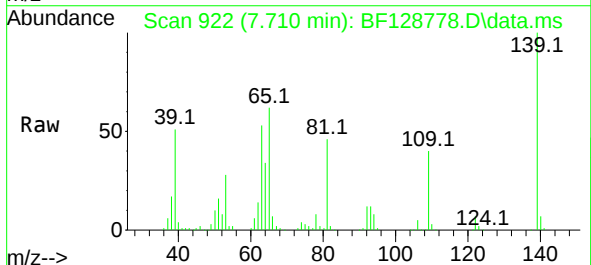
Manual Integrations
APPROVED

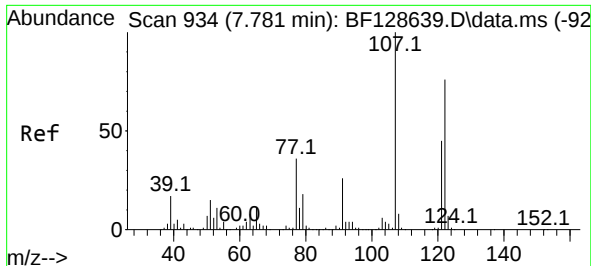
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022



#26
2-Nitrophenol
Concen: 43.360 ng
RT: 7.710 min Scan# 922
Delta R.T. -0.006 min
Lab File: BF128778.D
Acq: 13 Jun 2022 12:03

Tgt Ion:139 Resp: 137179
Ion Ratio Lower Upper
139 100
109 40.3 25.0 37.4#
65 61.5 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 48.049 ng

RT: 7.757 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF128778.D

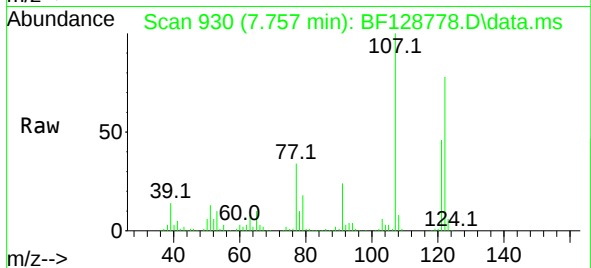
Acq: 13 Jun 2022 12:03

Instrument :

BNA_F

ClientSampleId :

PB145464BS



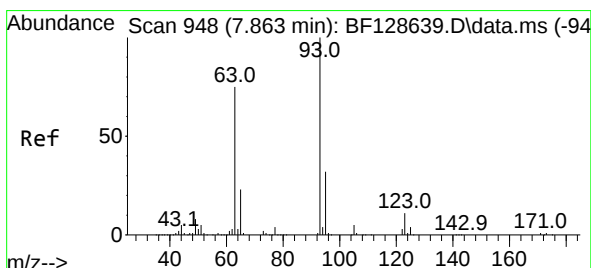
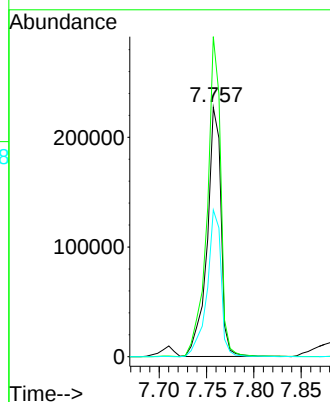
Tgt Ion:	122	Resp:	23156
Ion	Ratio	Lower	Upper
122	100		
107	128.4	93.0	139.6
121	58.9	46.6	70.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/14/2022

Supervised By :Jagrut Upadhyay 06/14/2022



#28

bis(2-Chloroethoxy)methane

Concen: 40.103 ng

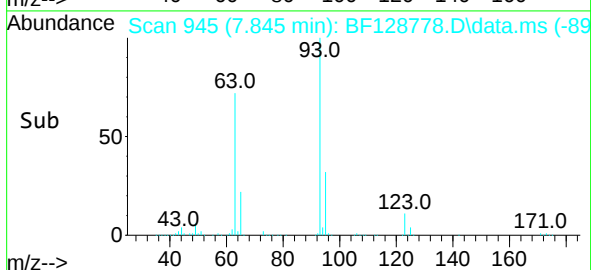
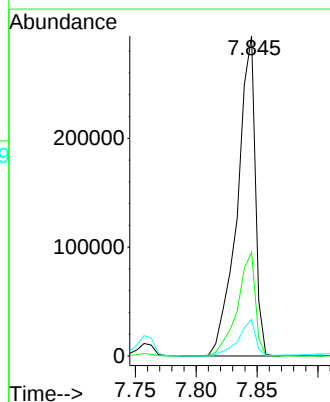
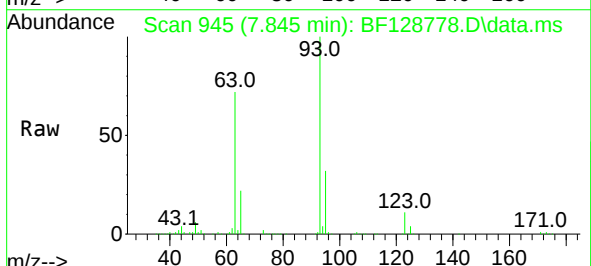
RT: 7.845 min Scan# 945

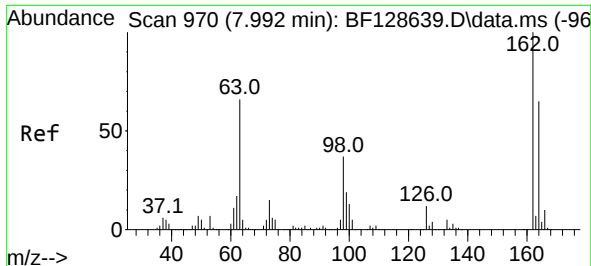
Delta R.T. -0.006 min

Lab File: BF128778.D

Acq: 13 Jun 2022 12:03

Tgt Ion:	93	Resp:	301153
Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.8	40.2
123	11.4	9.2	13.8





#29

2,4-Dichlorophenol

Concen: 40.404 ng

RT: 7.963 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF128778.D

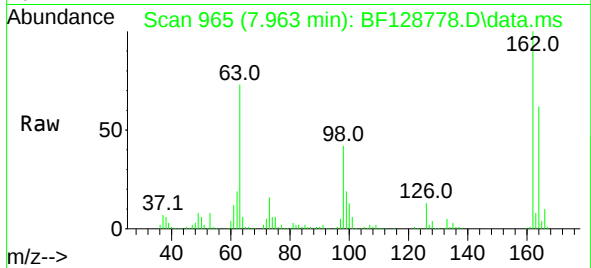
Acq: 13 Jun 2022 12:03

Instrument :

BNA_F

ClientSampleId :

PB145464BS



Tgt Ion:162 Resp: 225360

Ion Ratio Lower Upper

162 100

164 62.1 44.2 84.2

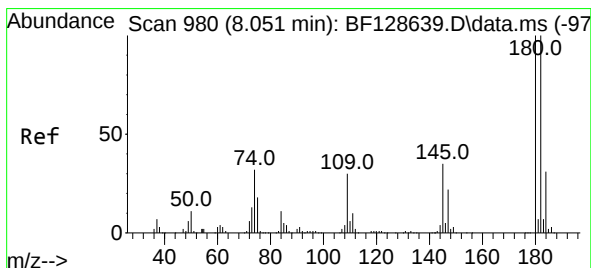
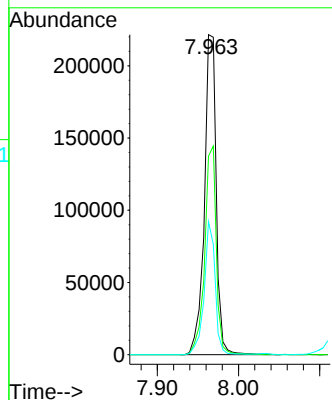
98 41.6 19.6 59.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/14/2022

Supervised By :Jagrut Upadhyay 06/14/2022



#30

1,2,4-Trichlorobenzene

Concen: 39.689 ng

RT: 8.034 min Scan# 977

Delta R.T. -0.006 min

Lab File: BF128778.D

Acq: 13 Jun 2022 12:03

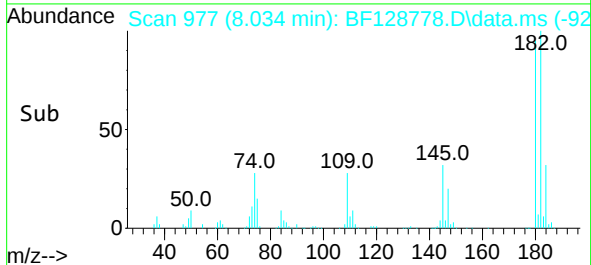
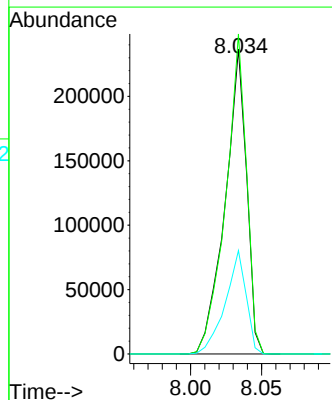
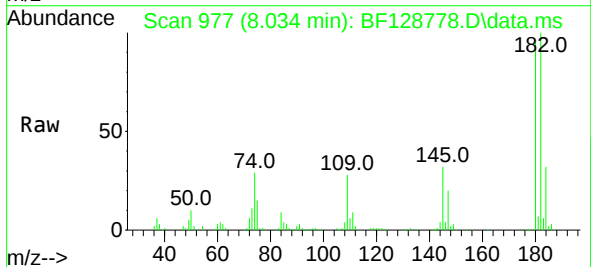
Tgt Ion:180 Resp: 249271

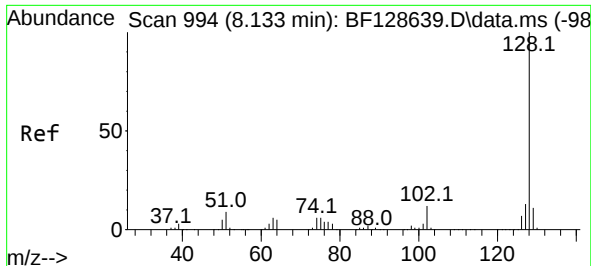
Ion Ratio Lower Upper

180 100

182 104.9 79.2 118.8

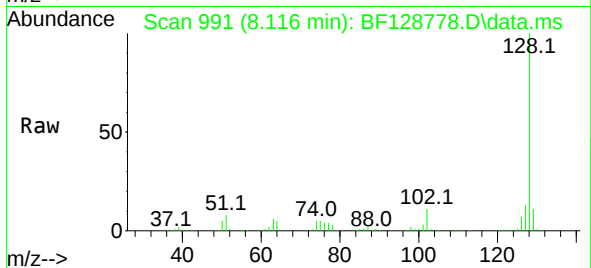
145 33.9 26.2 39.2





#31
Naphthalene
Concen: 41.049 ng
RT: 8.116 min Scan# 991
Delta R.T. -0.006 min
Lab File: BF128778.D
Acq: 13 Jun 2022 12:03

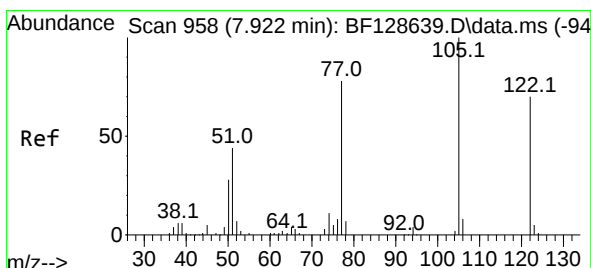
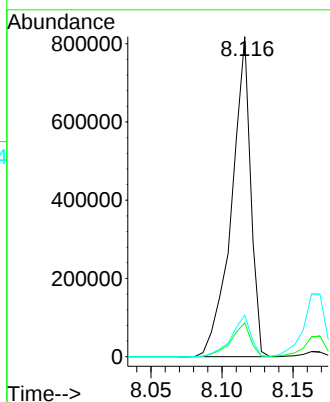
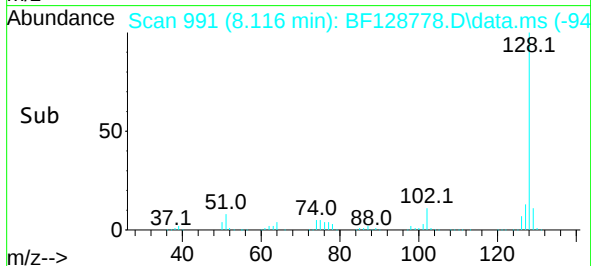
Instrument :
BNA_F
ClientSampleId :
PB145464BS



Tgt Ion:128 Resp: 767160
Ion Ratio Lower Upper
128 100
129 10.5 9.2 13.8
127 13.0 10.5 15.7

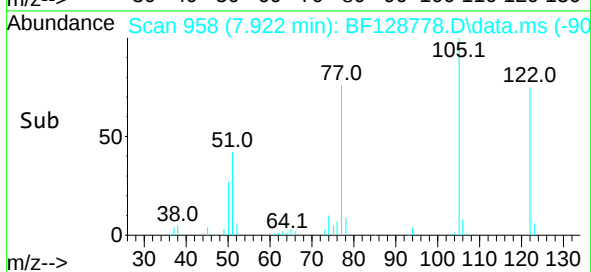
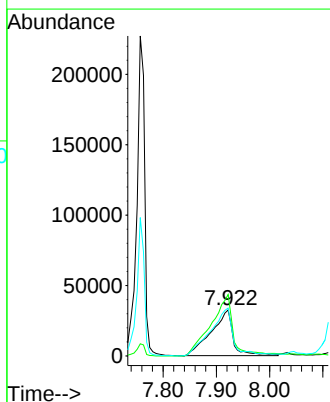
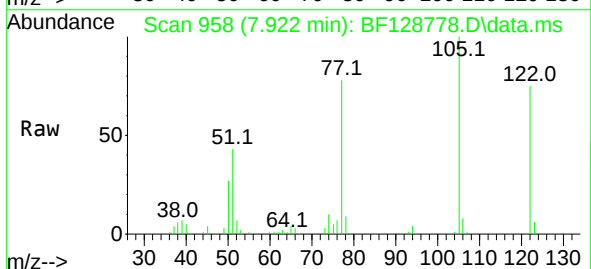
Manual Integrations
APPROVED

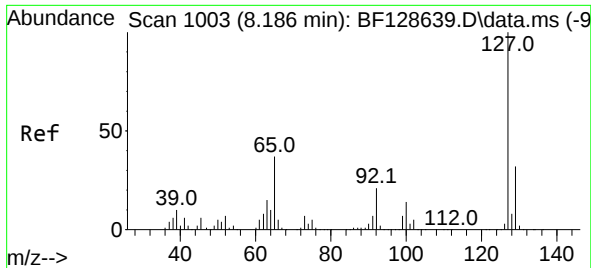
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022



#32
Benzoic acid
Concen: 27.261 ng
RT: 7.922 min Scan# 958
Delta R.T. 0.012 min
Lab File: BF128778.D
Acq: 13 Jun 2022 12:03

Tgt Ion:122 Resp: 93210
Ion Ratio Lower Upper
122 100
105 133.5 107.1 147.1
77 104.1 74.2 114.2





#33
4-Chloroaniline
Concen: 29.115 ng
RT: 8.163 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF128778.D
Acq: 13 Jun 2022 12:03

Instrument :

BNA_F

ClientSampleId :

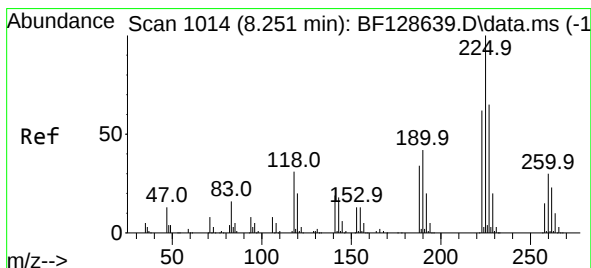
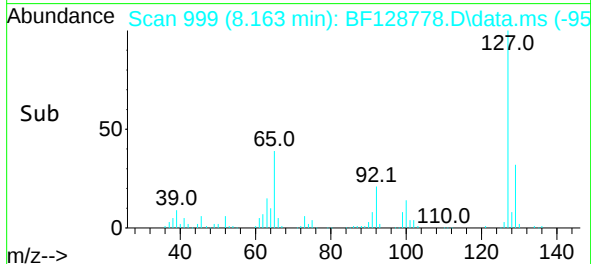
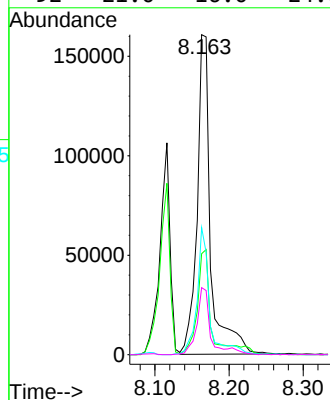
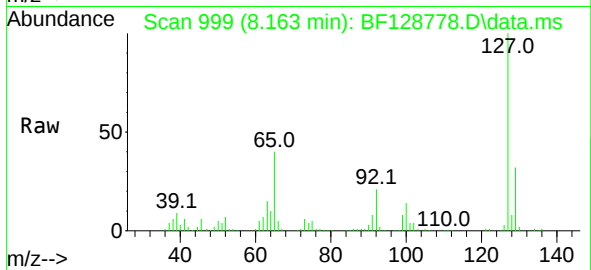
PB145464BS

Tgt Ion:127 Resp: 205152
Ion Ratio Lower Upper
127 100
129 31.5 26.4 39.6
65 39.7 26.4 39.6
92 21.0 16.0 24.0

Manual Integrations

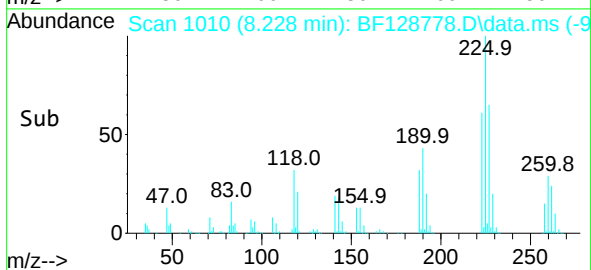
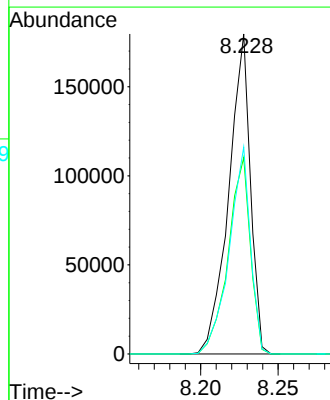
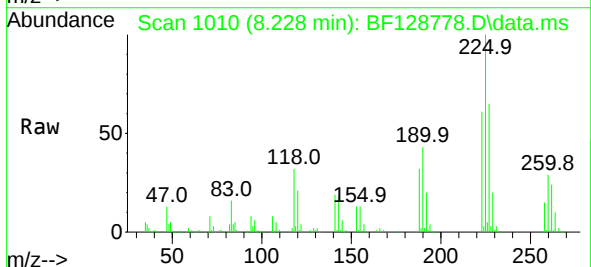
APPROVED

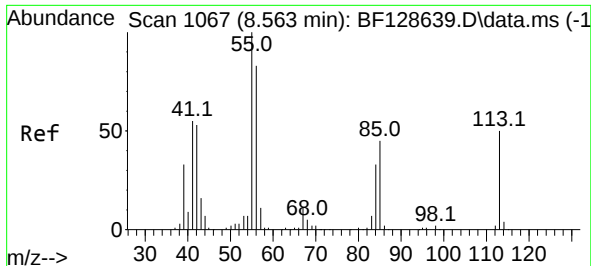
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022



#34
Hexachlorobutadiene
Concen: 39.153 ng
RT: 8.228 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF128778.D
Acq: 13 Jun 2022 12:03

Tgt Ion:225 Resp: 174392
Ion Ratio Lower Upper
225 100
223 61.4 51.0 76.6
227 64.7 51.1 76.7





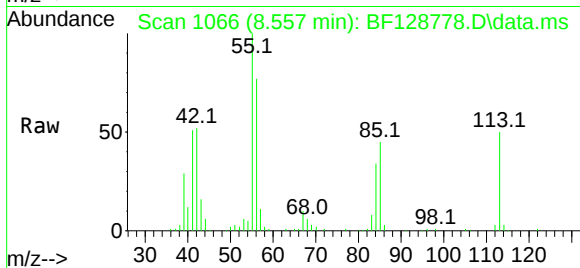
#35
Caprolactam
Concen: 40.577 ng m
RT: 8.557 min Scan# 1066
Delta R.T. -0.000 min
Lab File: BF128778.D
Acq: 13 Jun 2022 12:03

Instrument :

BNA_F

ClientSampleId :

PB145464BS

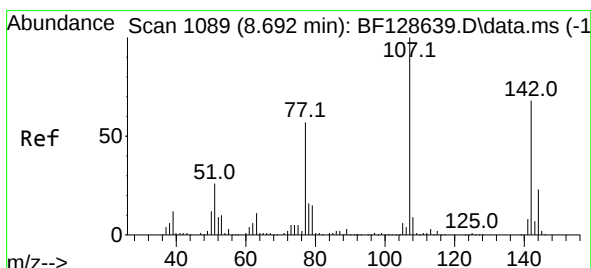
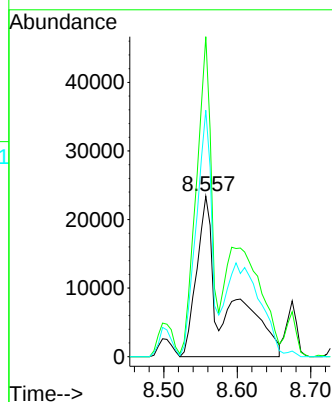
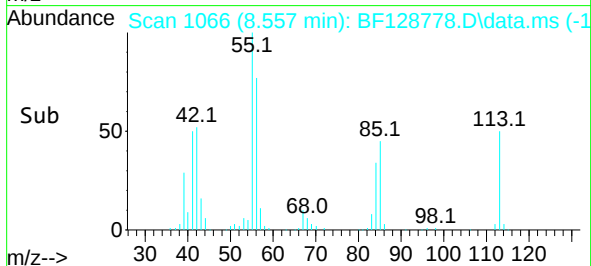


Tgt Ion:113 Resp: 6258
Ion Ratio Lower Upper
113 100
55 199.4 188.5 228.5
56 153.5 130.6 170.6

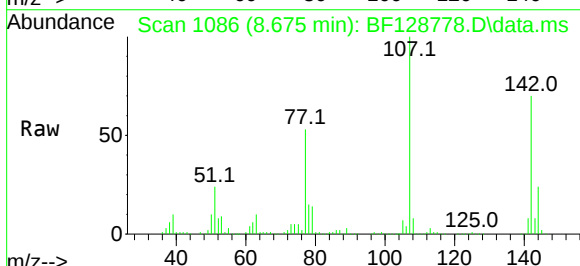
Manual Integrations

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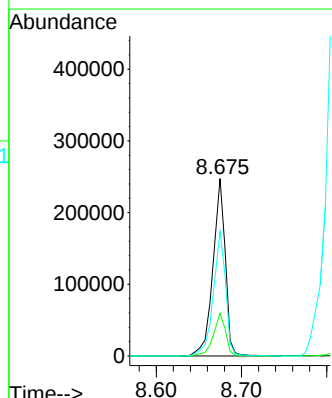
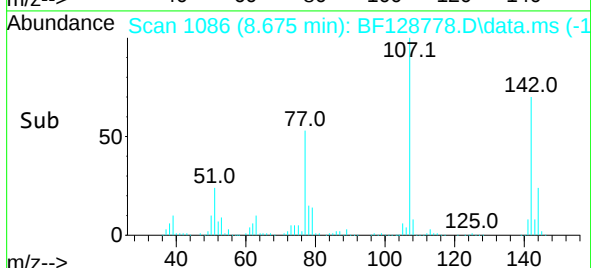
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

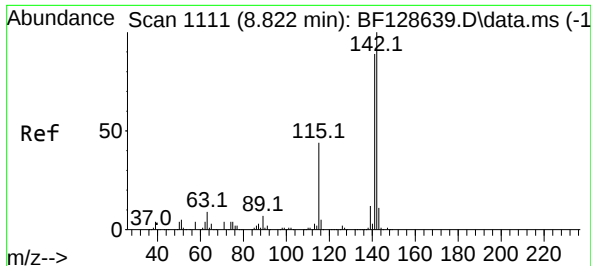


#36
4-Chloro-3-methylphenol
Concen: 41.118 ng
RT: 8.675 min Scan# 1086
Delta R.T. -0.000 min
Lab File: BF128778.D
Acq: 13 Jun 2022 12:03



Tgt Ion:107 Resp: 250298
Ion Ratio Lower Upper
107 100
144 24.0 19.5 29.3
142 70.3 58.2 87.4





#37

2-Methylnaphthalene

Concen: 41.519 ng

RT: 8.810 min Scan# 1111

Delta R.T. -0.000 min

Lab File: BF128778.D

Acq: 13 Jun 2022 12:03

Instrument :

BNA_F

ClientSampleId :

PB145464BS

Tgt Ion:142 Resp: 493530

Ion Ratio Lower Upper

142 100

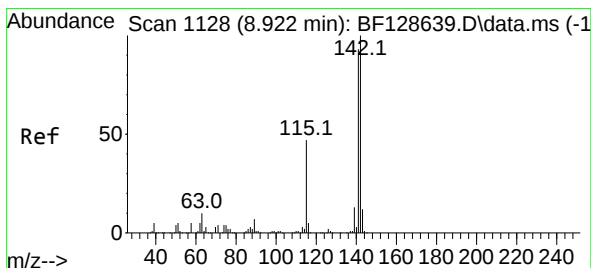
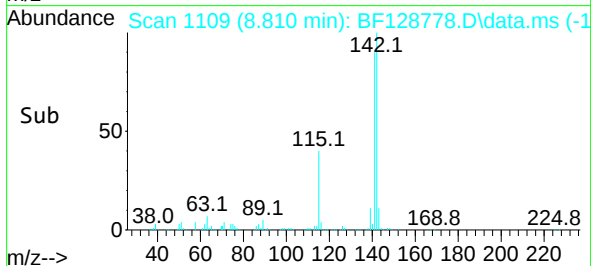
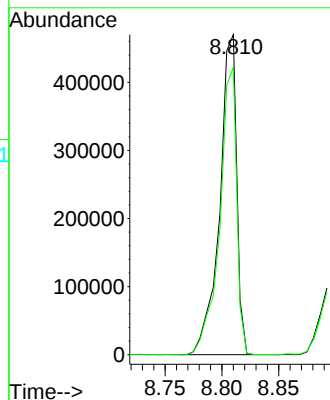
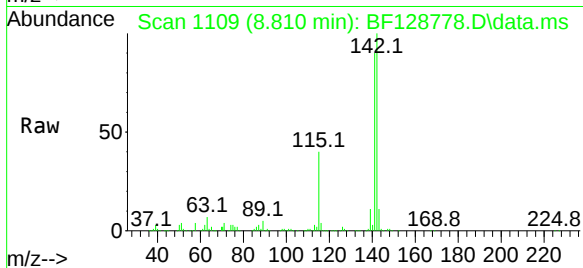
141 89.8 71.0 106.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/14/2022

Supervised By :Jagrut Upadhyay 06/14/2022



#38

1-Methylnaphthalene

Concen: 40.419 ng

RT: 8.904 min Scan# 1125

Delta R.T. -0.006 min

Lab File: BF128778.D

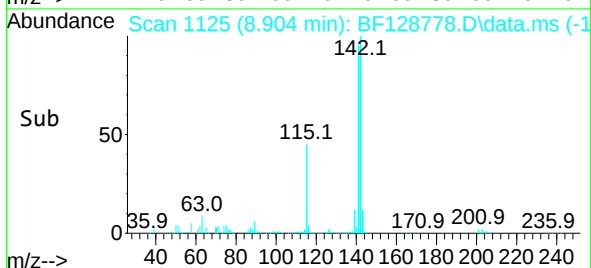
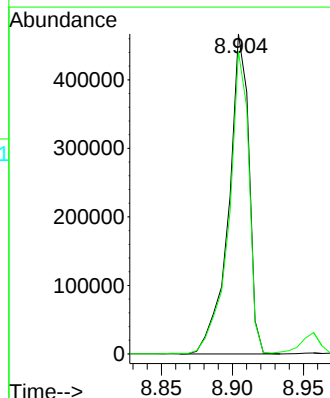
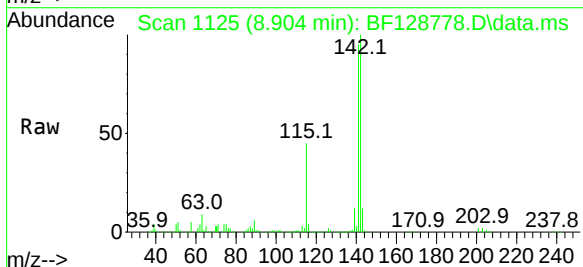
Acq: 13 Jun 2022 12:03

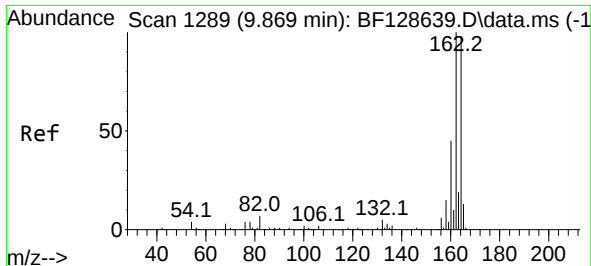
Tgt Ion:142 Resp: 464203

Ion Ratio Lower Upper

142 100

141 94.5 74.2 111.4





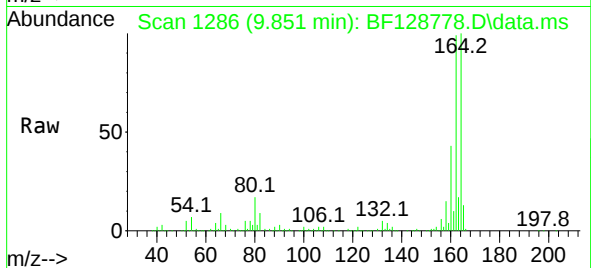
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BF128778.D
Acq: 13 Jun 2022 12:03

Instrument :

BNA_F

ClientSampleId :

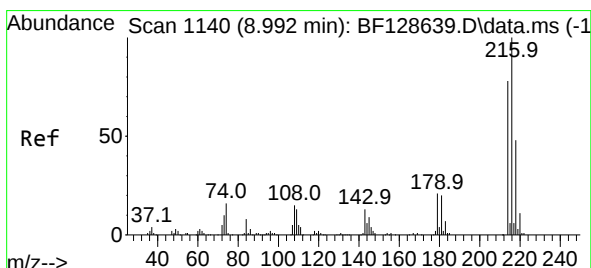
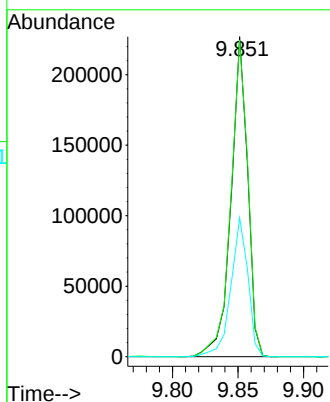
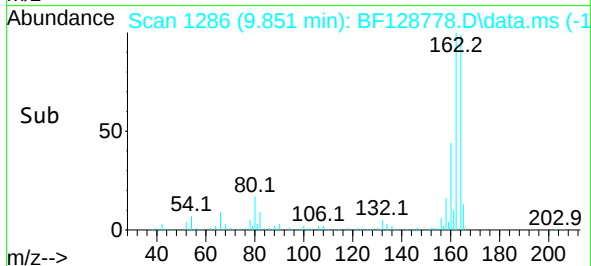
PB145464BS



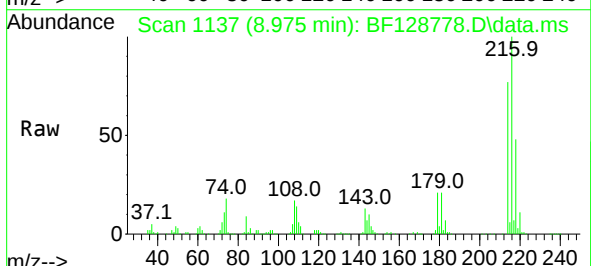
Tgt Ion:164 Resp: 20058
Ion Ratio Lower Upper
164 100
162 98.9 79.5 119.3
160 43.4 34.2 51.4

Manual Integrations
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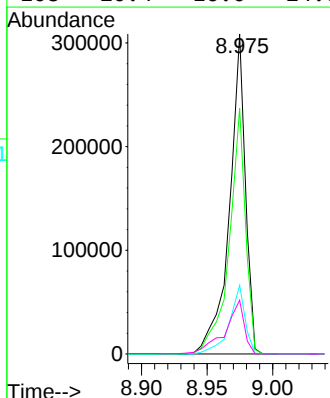
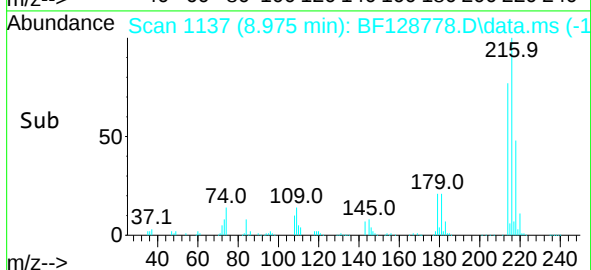
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

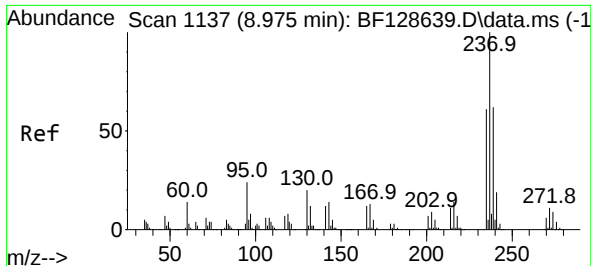


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.086 ng
RT: 8.975 min Scan# 1137
Delta R.T. -0.000 min
Lab File: BF128778.D
Acq: 13 Jun 2022 12:03



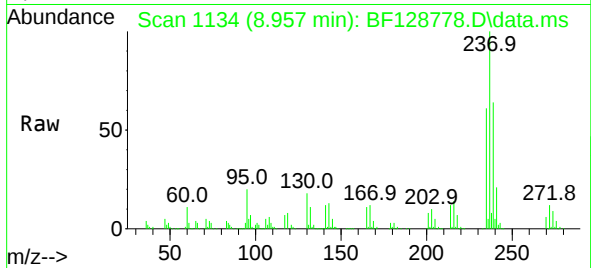
Tgt Ion:216 Resp: 262171
Ion Ratio Lower Upper
216 100
214 78.3 63.6 95.4
179 21.1 17.0 25.6
108 20.4 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 65.115 ng
RT: 8.957 min Scan# 1134
Delta R.T. -0.006 min
Lab File: BF128778.D
Acq: 13 Jun 2022 12:03

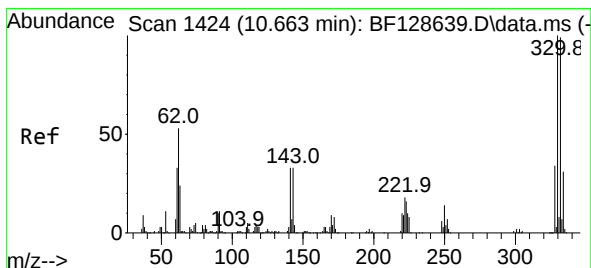
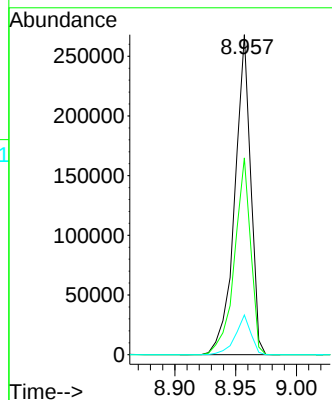
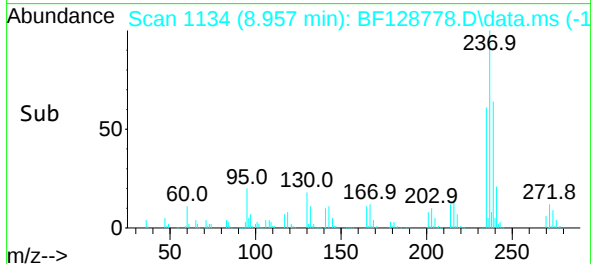
Instrument :
BNA_F
ClientSampleId :
PB145464BS



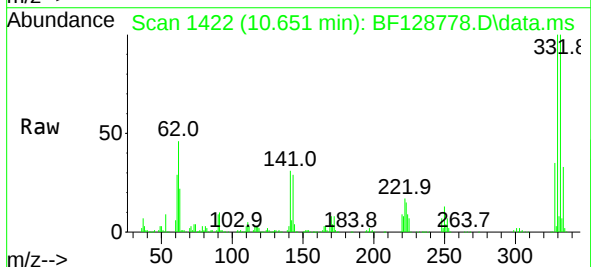
Tgt Ion:237 Resp: 243829
Ion Ratio Lower Upper
237 100
235 61.5 43.2 83.2
272 12.4 0.0 31.9

Manual Integrations
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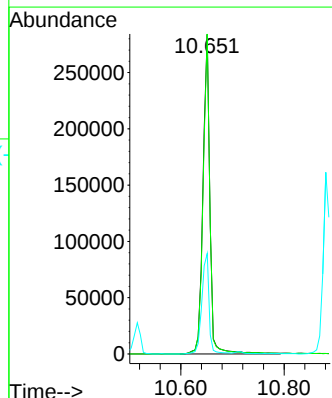
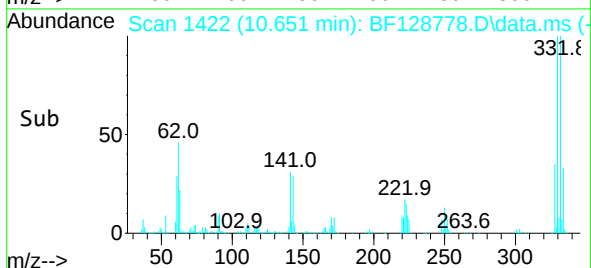
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

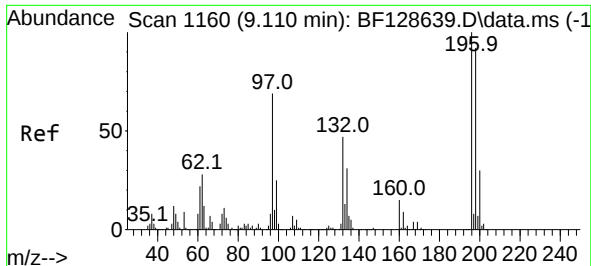


#42
2,4,6-Tribromophenol
Concen: 111.445 ng
RT: 10.651 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF128778.D
Acq: 13 Jun 2022 12:03



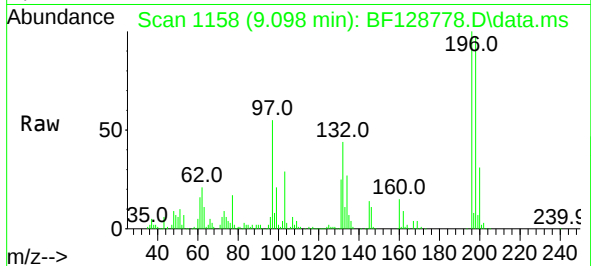
Tgt Ion:330 Resp: 264121
Ion Ratio Lower Upper
330 100
332 98.3 76.8 115.2
141 32.9 28.0 42.0





#43
2,4,6-Trichlorophenol
Concen: 37.665 ng
RT: 9.098 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BF128778.D
Acq: 13 Jun 2022 12:03

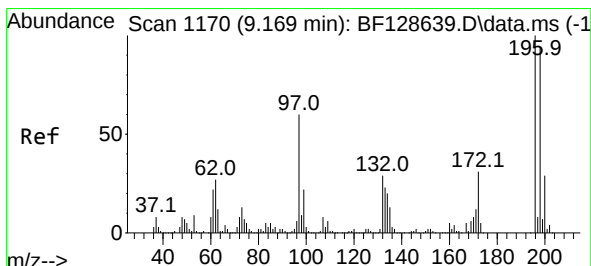
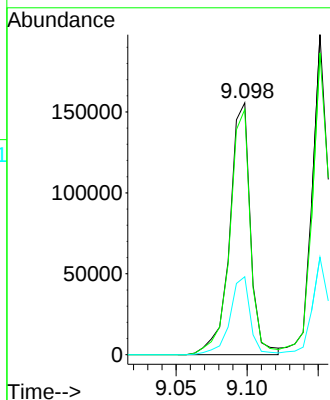
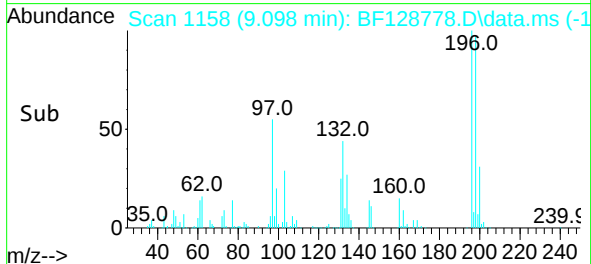
Instrument :
BNA_F
ClientSampleId :
PB145464BS



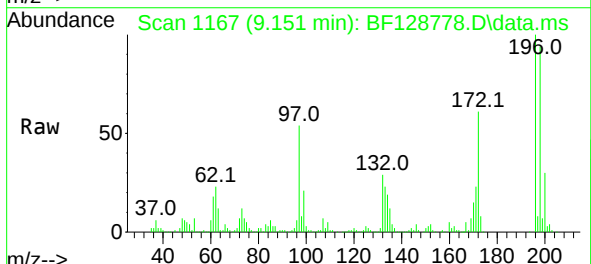
Tgt Ion:196 Resp: 158668
Ion Ratio Lower Upper
196 100
198 97.4 74.0 111.0
200 31.0 24.1 36.1

Manual Integrations
APPROVED

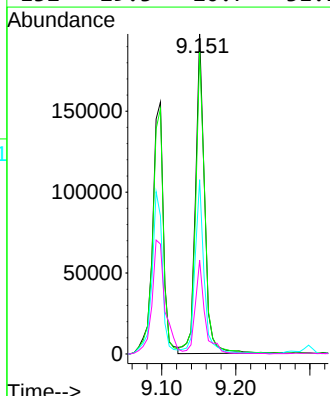
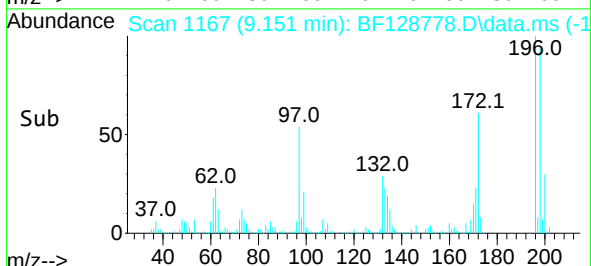
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

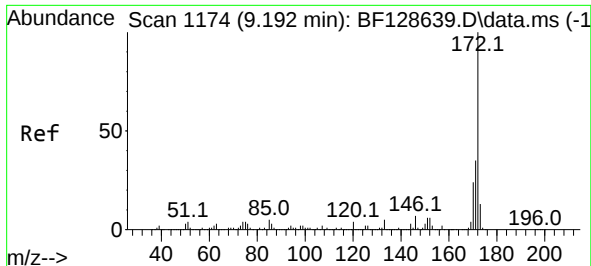


#44
2,4,5-Trichlorophenol
Concen: 38.451 ng
RT: 9.151 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF128778.D
Acq: 13 Jun 2022 12:03



Tgt Ion:196 Resp: 167397
Ion Ratio Lower Upper
196 100
198 94.3 75.7 113.5
97 54.4 36.4 54.6
132 29.3 20.7 31.1





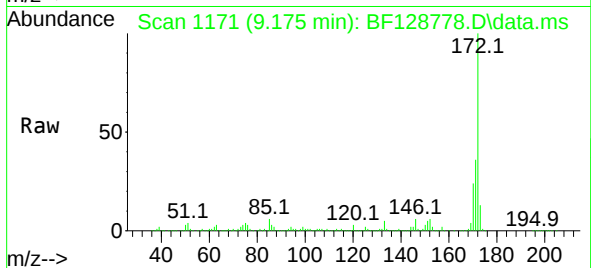
#45
2-Fluorobiphenyl
Concen: 77.835 ng
RT: 9.175 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF128778.D
Acq: 13 Jun 2022 12:03

Instrument :

BNA_F

ClientSampleId :

PB145464BS

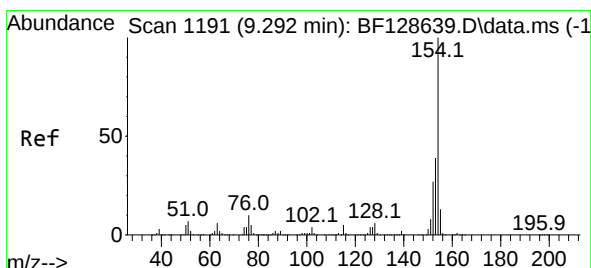
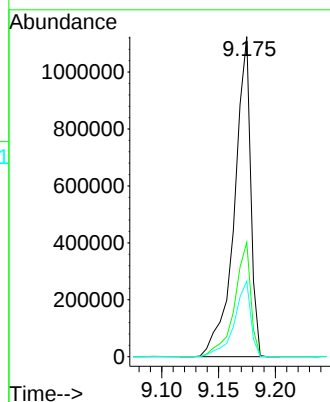
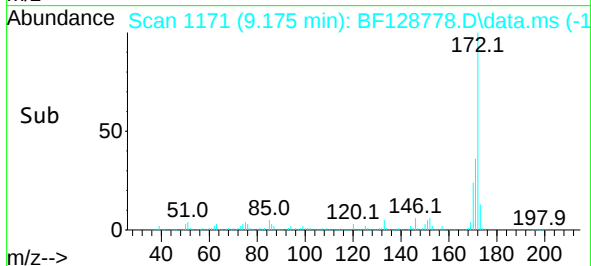


Tgt Ion:172 Resp: 1114529
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 23.6 19.8 29.8

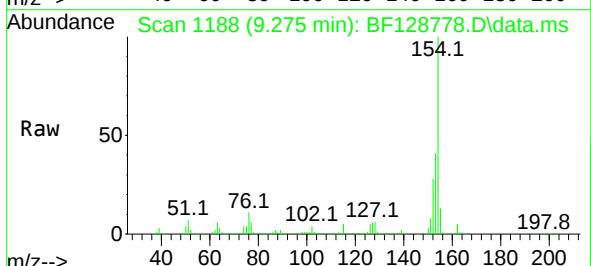
Manual Integrations

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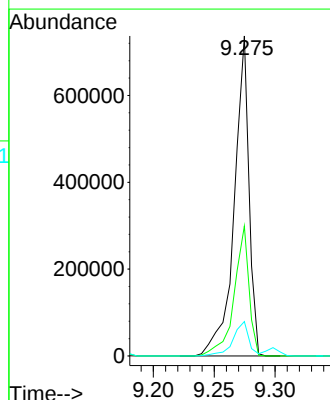
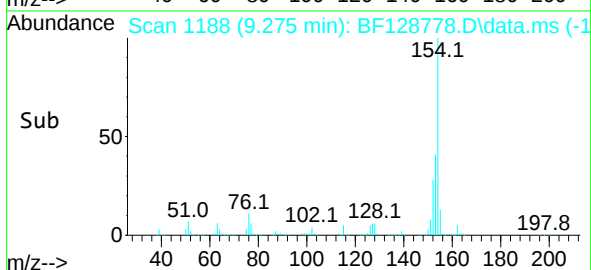
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

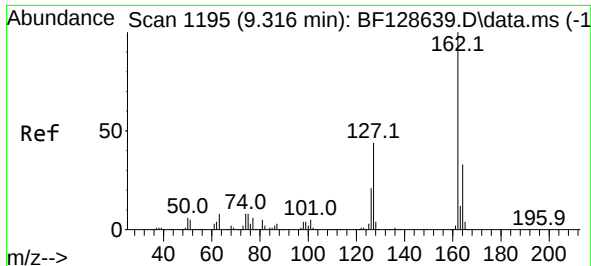


#46
1,1'-Biphenyl
Concen: 41.292 ng
RT: 9.275 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BF128778.D
Acq: 13 Jun 2022 12:03



Tgt Ion:154 Resp: 621439
Ion Ratio Lower Upper
154 100
153 40.6 20.6 60.6
76 10.7 0.0 33.3





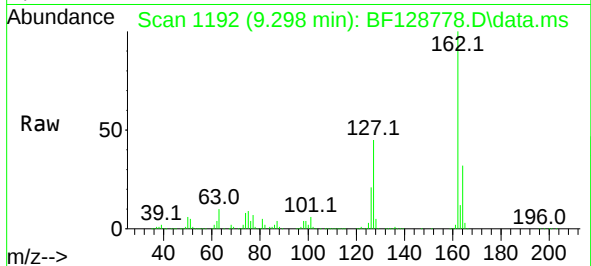
#47
2-Chloronaphthalene
Concen: 41.518 ng
RT: 9.298 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF128778.D
Acq: 13 Jun 2022 12:03

Instrument :

BNA_F

ClientSampleId :

PB145464BS

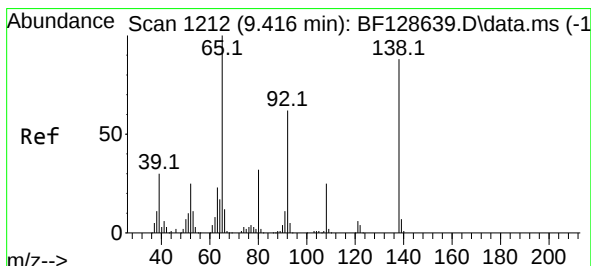
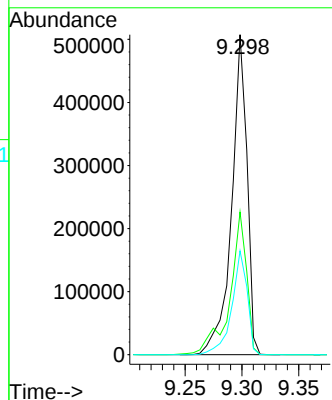
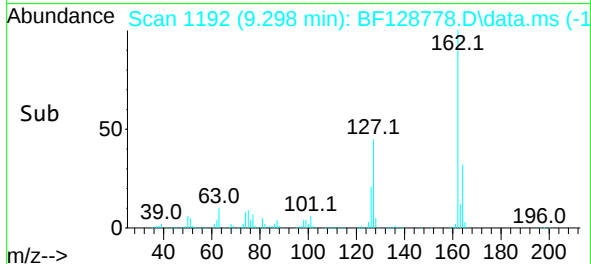


Tgt Ion:162 Resp: 476794
Ion Ratio Lower Upper
162 100
127 44.6 34.5 51.7
164 32.5 26.5 39.7

Manual Integrations

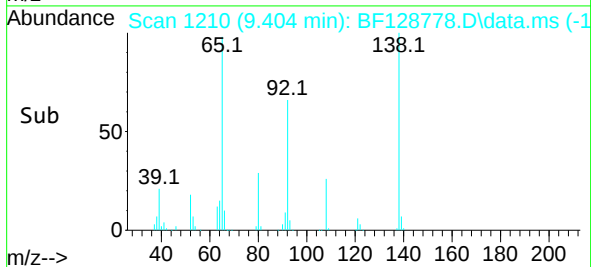
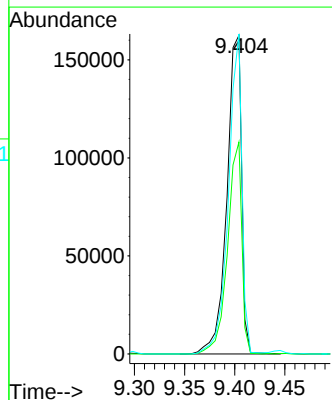
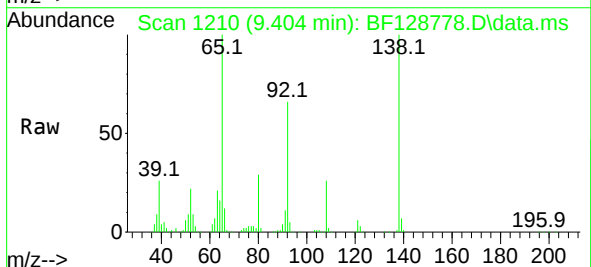
APPROVED

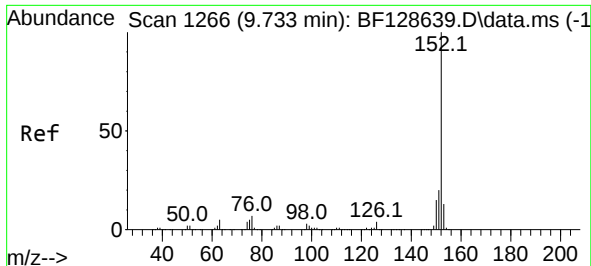
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022



#48
2-Nitroaniline
Concen: 42.329 ng
RT: 9.404 min Scan# 1210
Delta R.T. -0.000 min
Lab File: BF128778.D
Acq: 13 Jun 2022 12:03

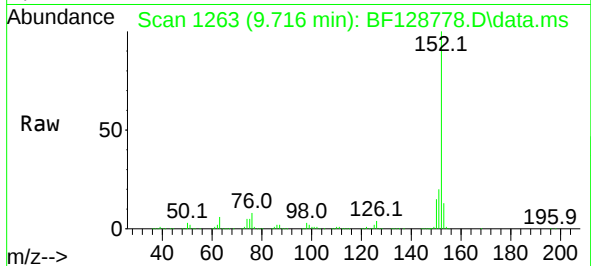
Tgt Ion: 65 Resp: 166228
Ion Ratio Lower Upper
65 100
92 66.5 51.9 77.9
138 100.5 76.4 114.6





#49
Acenaphthylene
Concen: 43.696 ng
RT: 9.716 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128778.D
Acq: 13 Jun 2022 12:03

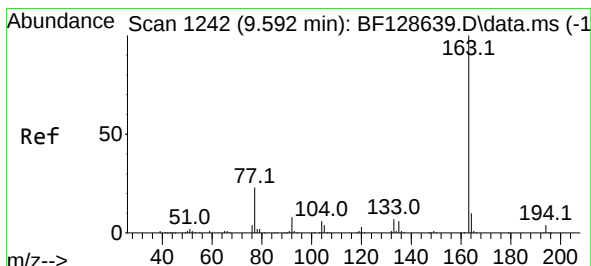
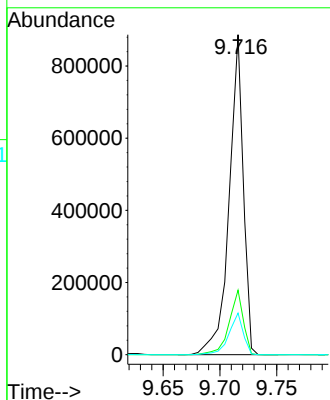
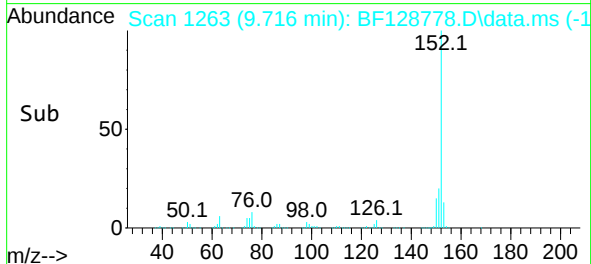
Instrument :
BNA_F
ClientSampleId :
PB145464BS



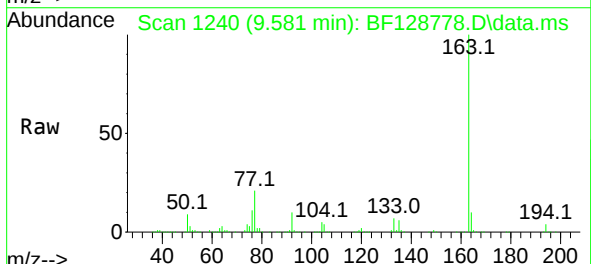
Tgt Ion:152 Resp: 768224
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.4
153 13.0 10.7 16.1

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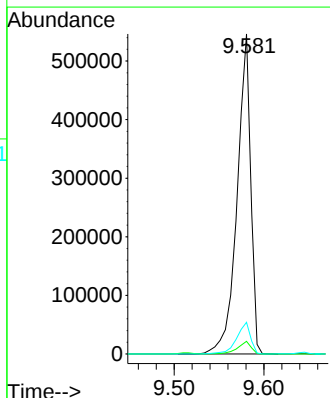
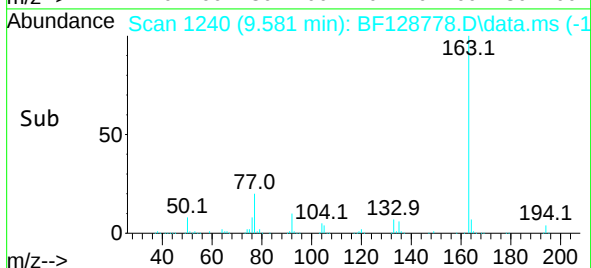
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

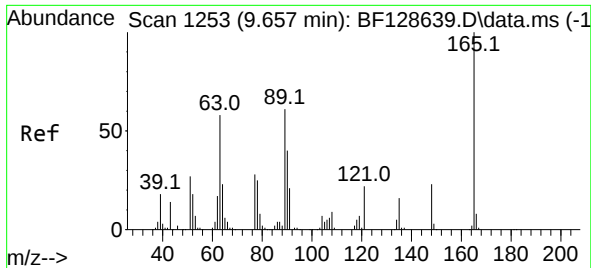


#50
Dimethylphthalate
Concen: 41.798 ng
RT: 9.581 min Scan# 1240
Delta R.T. -0.000 min
Lab File: BF128778.D
Acq: 13 Jun 2022 12:03



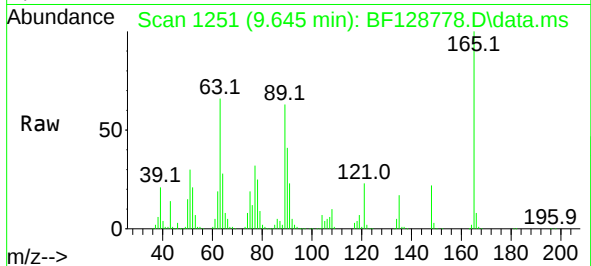
Tgt Ion:163 Resp: 573853
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 9.9 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 45.098 ng
RT: 9.645 min Scan# 1251
Delta R.T. -0.000 min
Lab File: BF128778.D
Acq: 13 Jun 2022 12:03

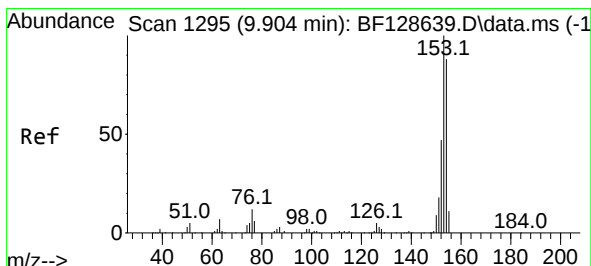
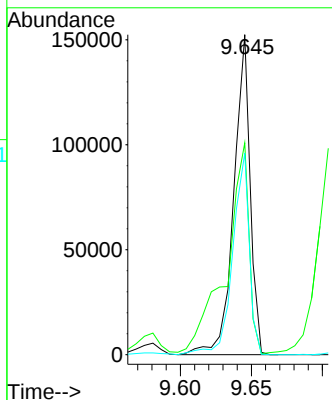
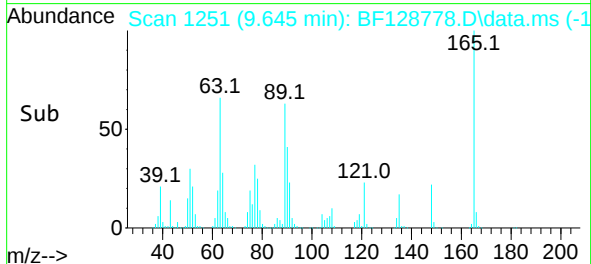
Instrument :
BNA_F
ClientSampleId :
PB145464BS



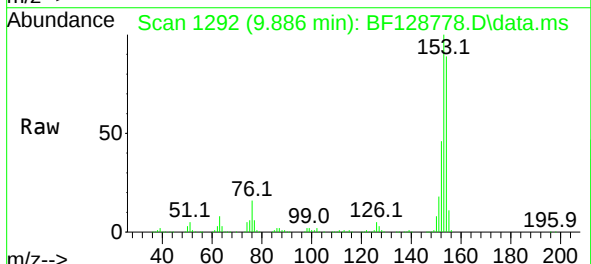
Tgt Ion:165 Resp: 122204
Ion Ratio Lower Upper
165 100
63 66.2 44.9 67.3
89 63.0 43.6 65.4

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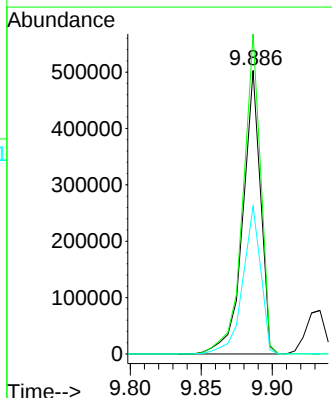
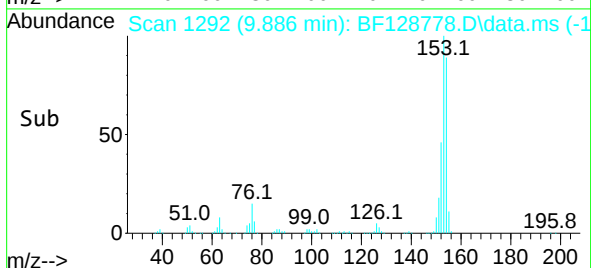
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

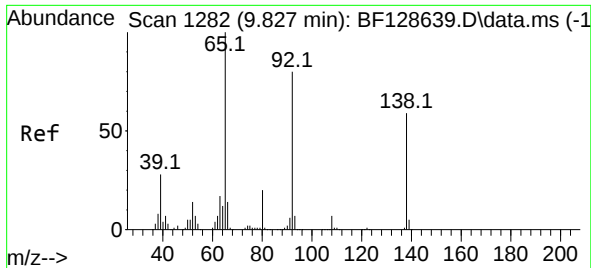


#52
Acenaphthene
Concen: 38.077 ng
RT: 9.886 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF128778.D
Acq: 13 Jun 2022 12:03



Tgt Ion:154 Resp: 435943
Ion Ratio Lower Upper
154 100
153 112.9 89.6 134.4
152 52.1 42.4 63.6





#53
3-Nitroaniline
Concen: 31.507 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128778.D
Acq: 13 Jun 2022 12:03

Instrument :

BNA_F

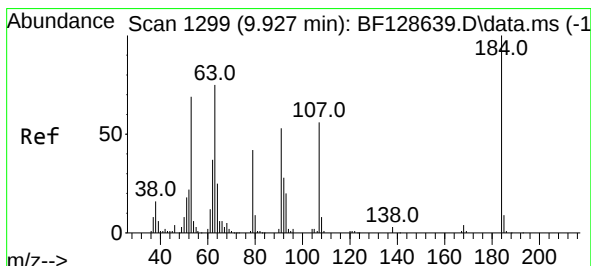
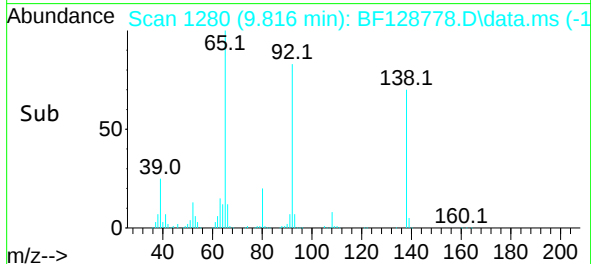
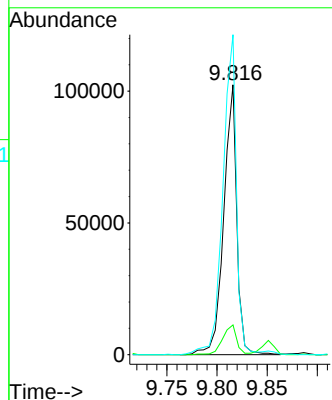
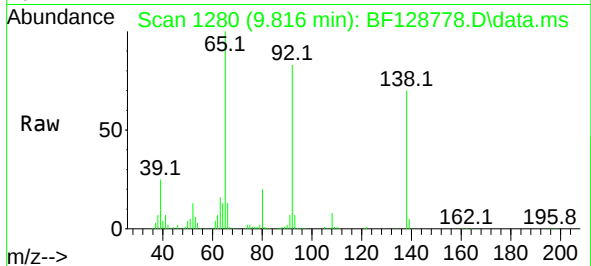
ClientSampleId :

PB145464BS

Tgt Ion:138 Resp: 92660
Ion Ratio Lower Upper
138 100
108 11.0 10.9 16.3
92 118.5 98.2 147.2

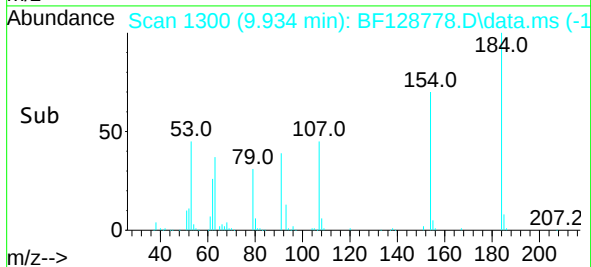
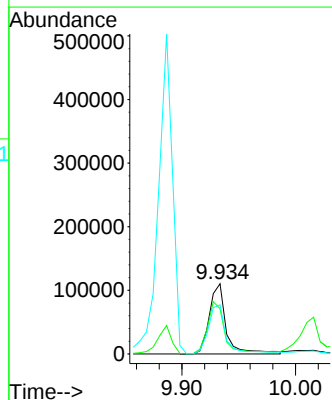
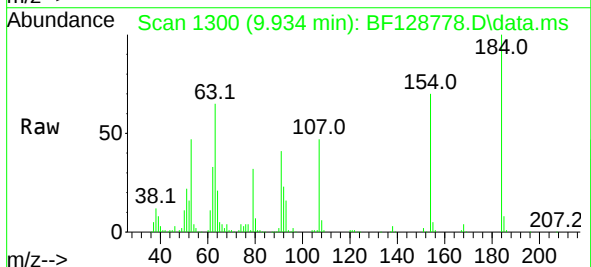
Manual Integrations
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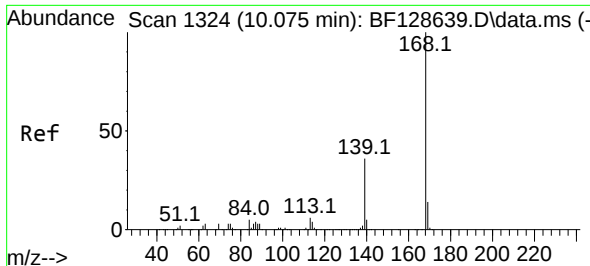
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022



#54
2,4-Dinitrophenol
Concen: 75.674 ng
RT: 9.934 min Scan# 1300
Delta R.T. 0.012 min
Lab File: BF128778.D
Acq: 13 Jun 2022 12:03

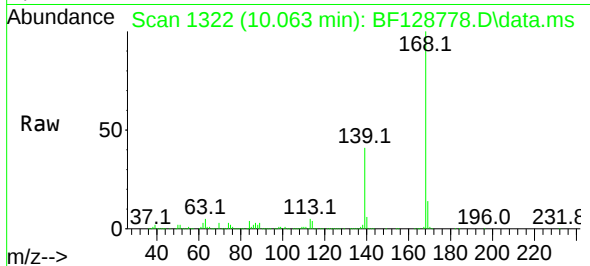
Tgt Ion:184 Resp: 114216
Ion Ratio Lower Upper
184 100
63 64.6 64.5 96.7
154 69.8 50.6 75.8





#55
Dibenzenofuran
Concen: 40.786 ng
RT: 10.063 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128778.D
Acq: 13 Jun 2022 12:03

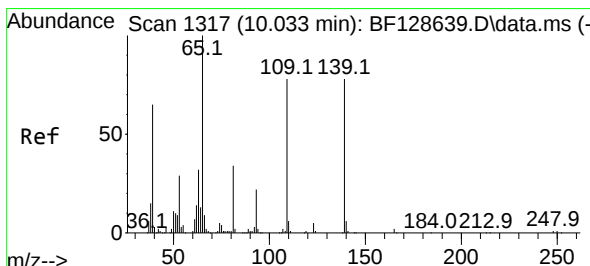
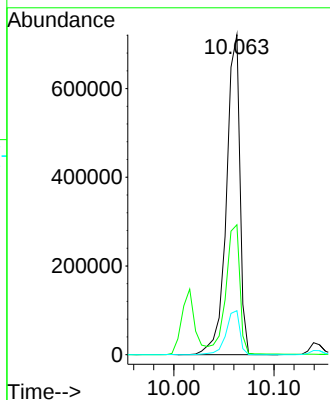
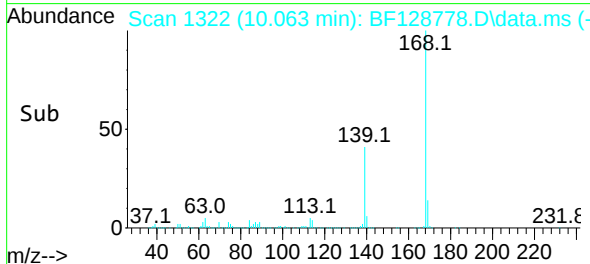
Instrument :
BNA_F
ClientSampleId :
PB145464BS



Tgt Ion:168 Resp: 671094
Ion Ratio Lower Upper
168 100
139 40.6 30.6 46.0
169 13.8 11.0 16.6

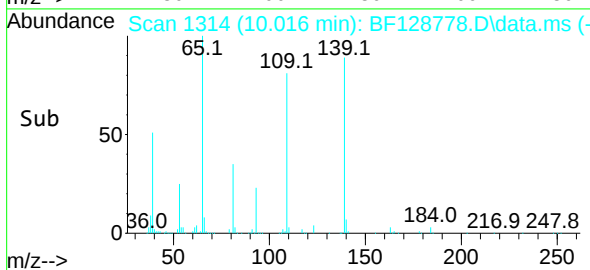
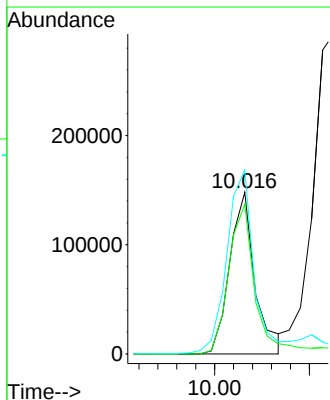
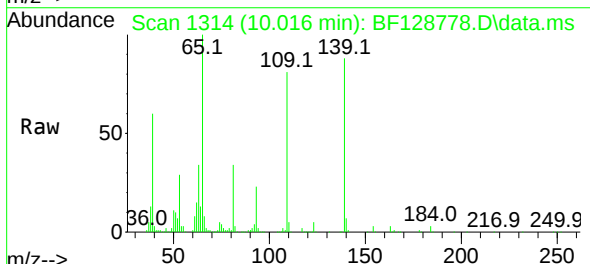
Manual Integrations
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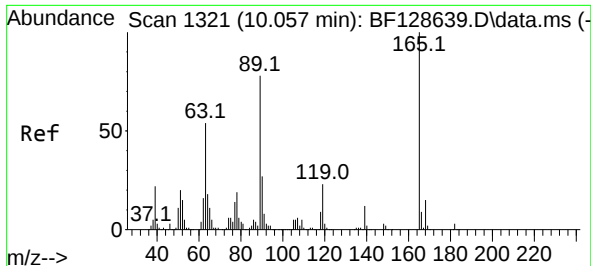
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022



#56
4-Nitrophenol
Concen: 64.547 ng
RT: 10.016 min Scan# 1314
Delta R.T. 0.006 min
Lab File: BF128778.D
Acq: 13 Jun 2022 12:03

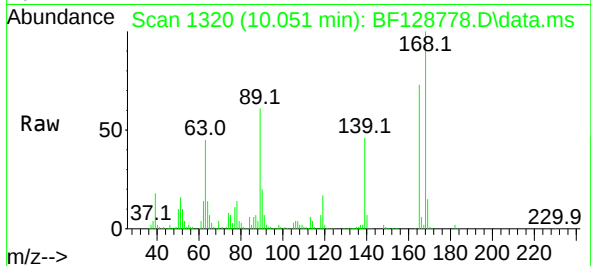
Tgt Ion:139 Resp: 137604
Ion Ratio Lower Upper
139 100
109 92.6 50.7 90.7#
65 113.9 74.5 114.5





#57
2,4-Dinitrotoluene
Concen: 45.519 ng
RT: 10.051 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF128778.D
Acq: 13 Jun 2022 12:03

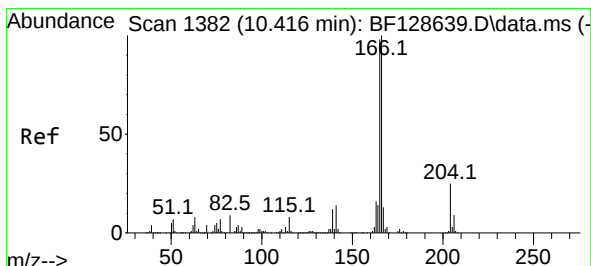
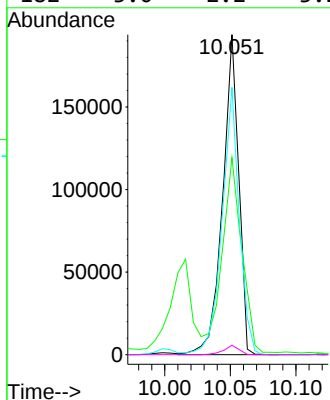
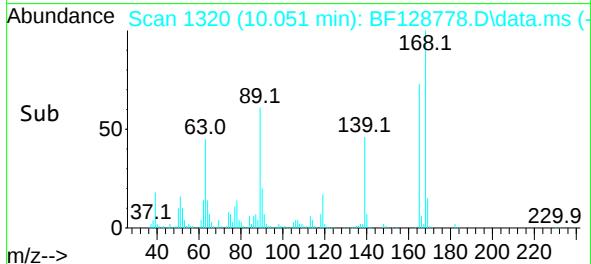
Instrument :
BNA_F
ClientSampleId :
PB145464BS



Tgt Ion:165 Resp: 16461
Ion Ratio Lower Upper
165 100
63 61.6 39.8 59.6
89 83.6 60.2 90.2
182 3.0 2.2 3.2

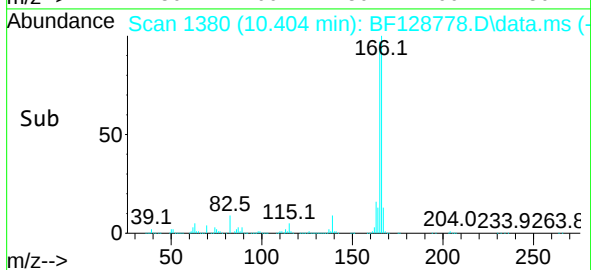
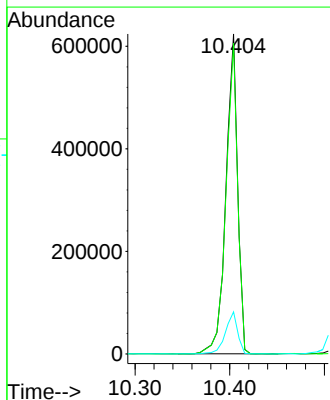
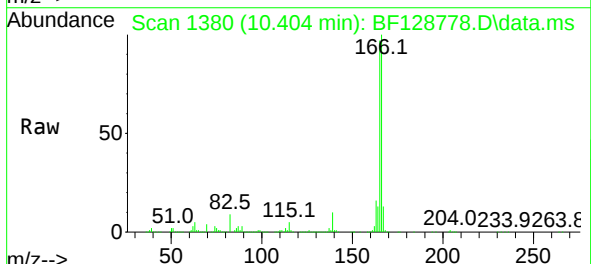
Manual Integrations
APPROVED

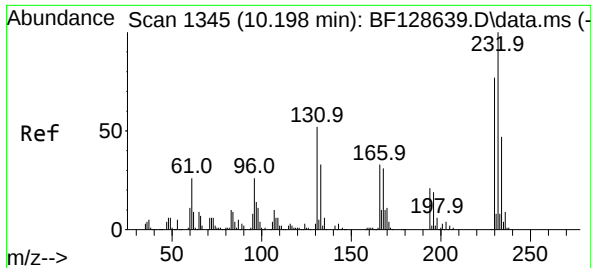
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022



#58
Fluorene
Concen: 42.021 ng
RT: 10.404 min Scan# 1380
Delta R.T. -0.000 min
Lab File: BF128778.D
Acq: 13 Jun 2022 12:03

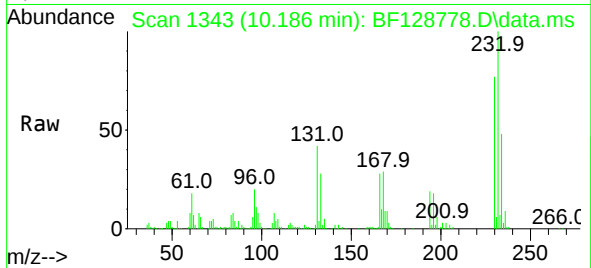
Tgt Ion:166 Resp: 536203
Ion Ratio Lower Upper
166 100
165 97.1 78.1 117.1
167 13.2 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 37.692 ng
RT: 10.186 min Scan# 1343
Delta R.T. -0.000 min
Lab File: BF128778.D
Acq: 13 Jun 2022 12:03

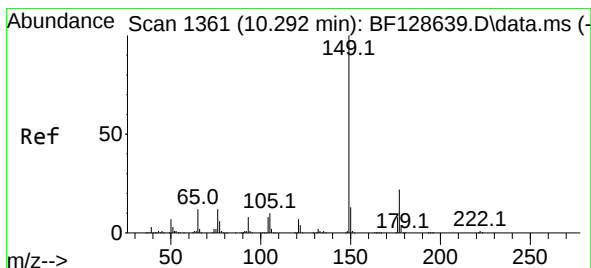
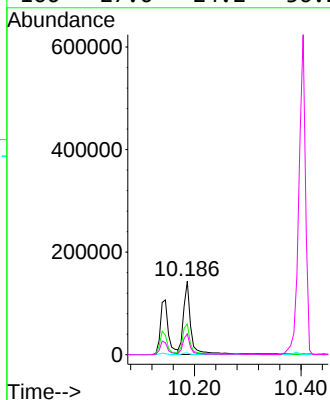
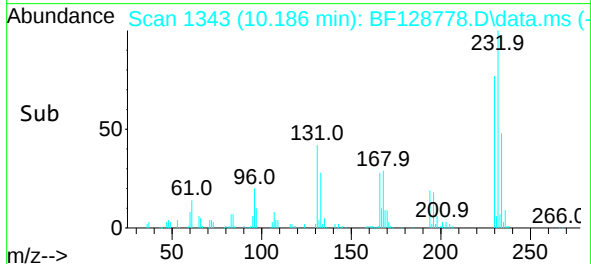
Instrument :
BNA_F
ClientSampleId :
PB145464BS



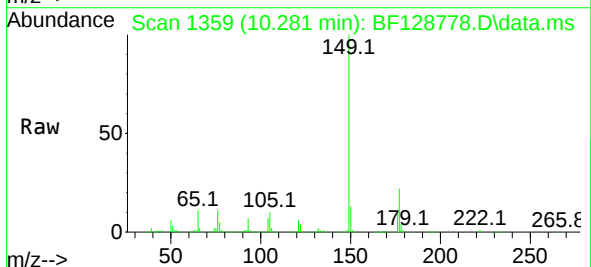
Tgt Ion:232 Resp: 135534
Ion Ratio Lower Upper
232 100
131 45.7 36.1 54.1
130 2.3 1.8 2.8
166 27.6 24.2 36.2

Manual Integrations
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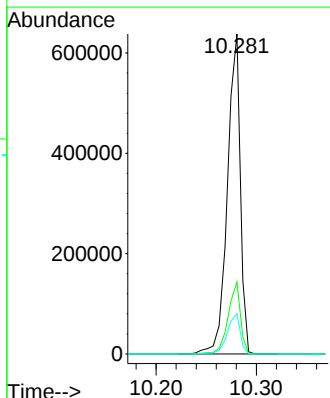
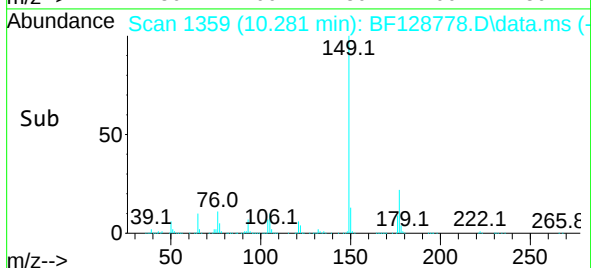
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

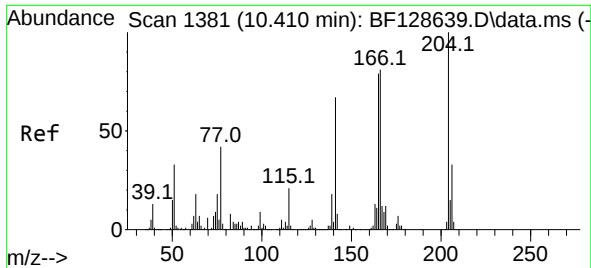


#60
Diethylphthalate
Concen: 41.244 ng
RT: 10.281 min Scan# 1359
Delta R.T. -0.000 min
Lab File: BF128778.D
Acq: 13 Jun 2022 12:03



Tgt Ion:149 Resp: 569120
Ion Ratio Lower Upper
149 100
177 22.5 17.3 25.9
150 12.6 10.2 15.2





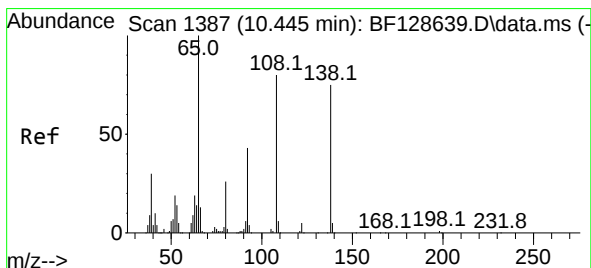
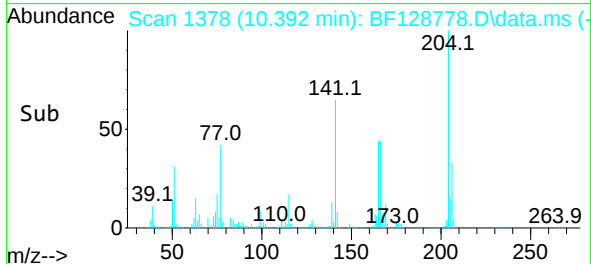
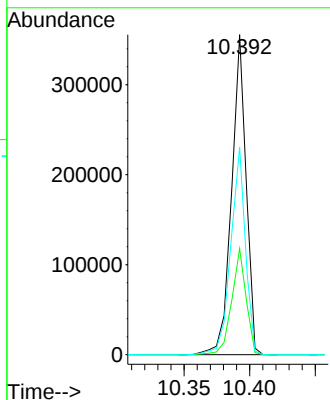
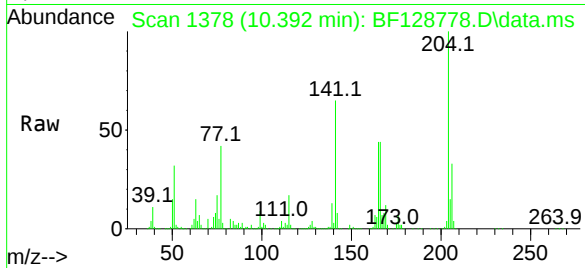
#61
4-Chlorophenyl-phenylether
Concen: 41.495 ng
RT: 10.392 min Scan# 1378
Delta R.T. -0.006 min
Lab File: BF128778.D
Acq: 13 Jun 2022 12:03

Instrument :
BNA_F
ClientSampleId :
PB145464BS

Tgt Ion:204 Resp: 274638
Ion Ratio Lower Upper
204 100
206 33.1 25.8 38.6
141 64.8 47.0 70.4

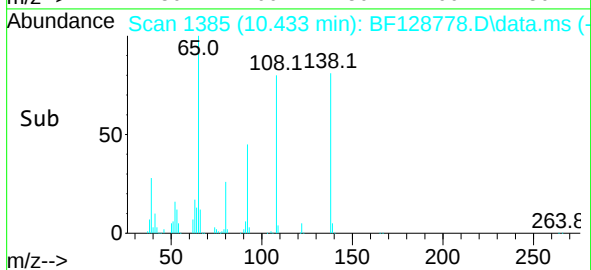
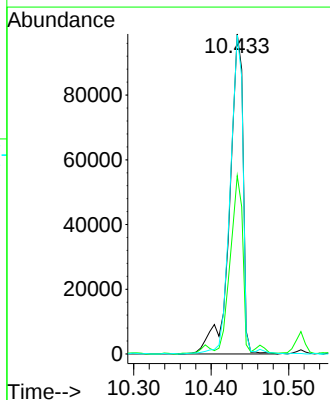
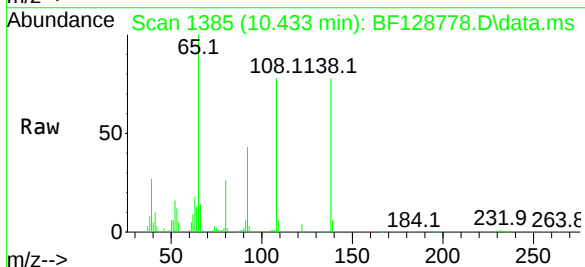
Manual Integrations
APPROVED

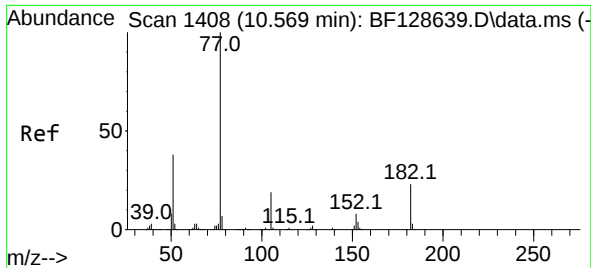
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022



#62
4-Nitroaniline
Concen: 40.309 ng
RT: 10.433 min Scan# 1385
Delta R.T. -0.000 min
Lab File: BF128778.D
Acq: 13 Jun 2022 12:03

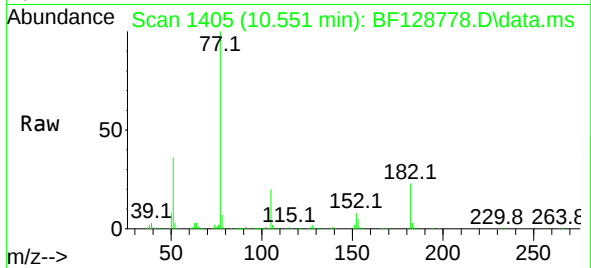
Tgt Ion:138 Resp: 120029
Ion Ratio Lower Upper
138 100
92 55.7 33.5 73.5
108 99.7 61.0 101.0





#63
Azobenzene
Concen: 39.708 ng
RT: 10.551 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF128778.D
Acq: 13 Jun 2022 12:03

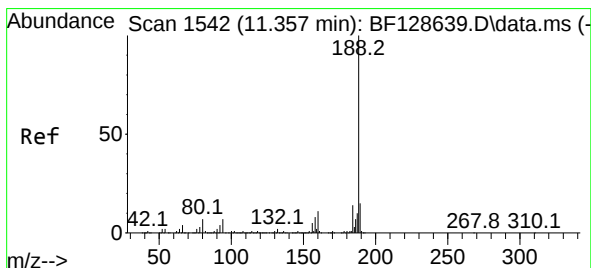
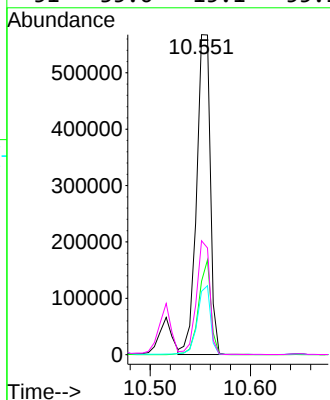
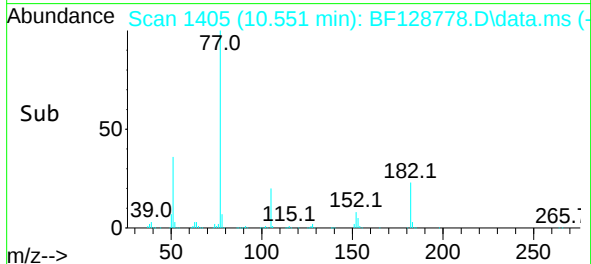
Instrument :
BNA_F
ClientSampleId :
PB145464BS



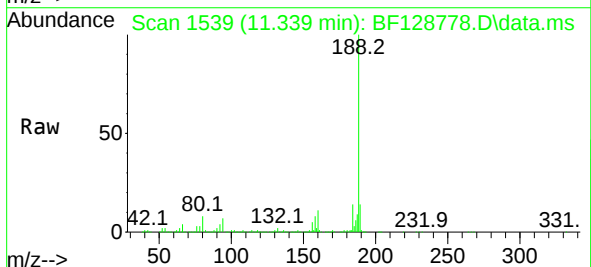
Tgt Ion: 77 Resp: 53940
Ion Ratio Lower Upper
77 100
182 23.0 5.6 45.6
105 19.8 1.6 41.6
51 35.6 15.1 55.1

Manual Integrations
APPROVED

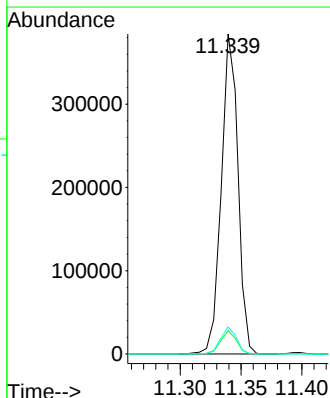
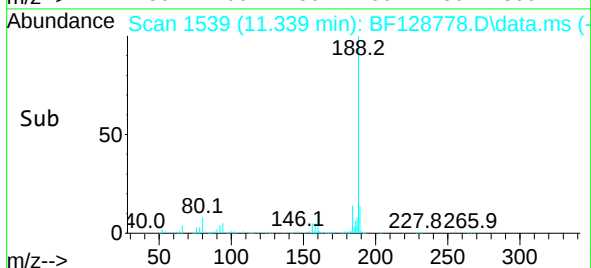
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

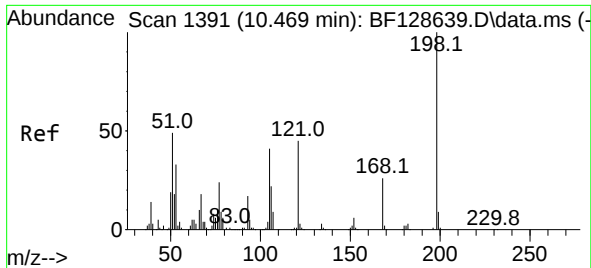


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 1539
Delta R.T. -0.000 min
Lab File: BF128778.D
Acq: 13 Jun 2022 12:03



Tgt Ion:188 Resp: 365912
Ion Ratio Lower Upper
188 100
94 7.3 7.0 10.6
80 8.5 7.6 11.4





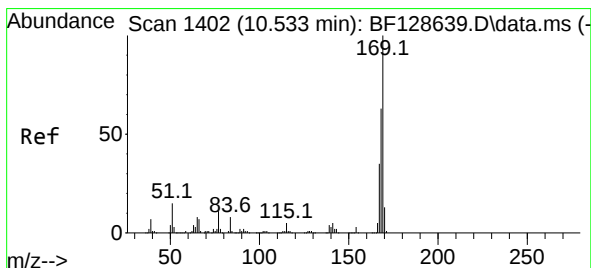
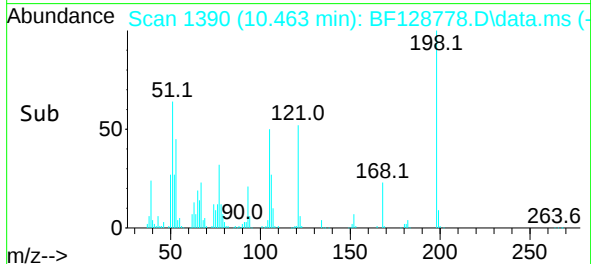
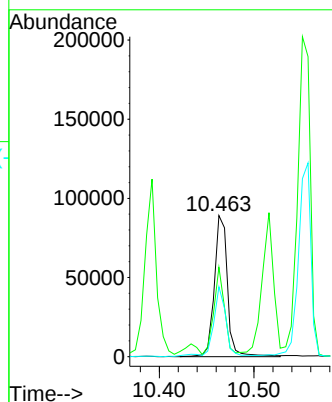
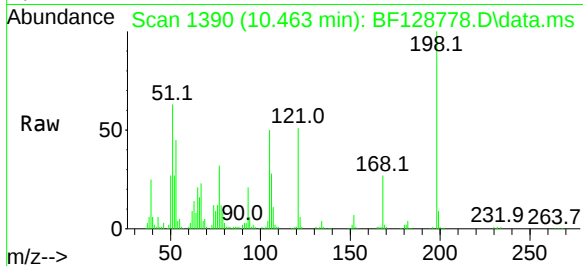
#65
4,6-Dinitro-2-methylphenol
Concen: 39.747 ng
RT: 10.463 min Scan# 1390
Delta R.T. 0.006 min
Lab File: BF128778.D
Acq: 13 Jun 2022 12:03

Instrument :
BNA_F
ClientSampleId :
PB145464BS

Tgt Ion:198 Resp: 85830
Ion Ratio Lower Upper
198 100
51 63.4 37.6 77.6
105 49.6 27.0 67.0

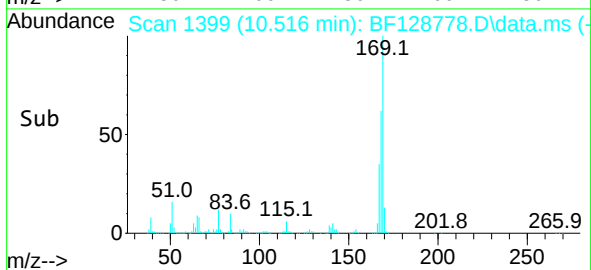
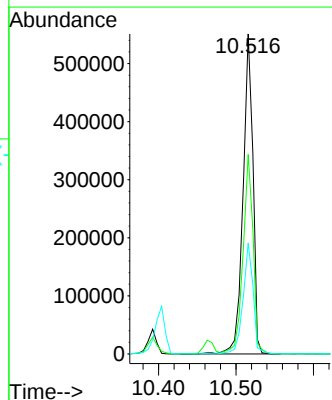
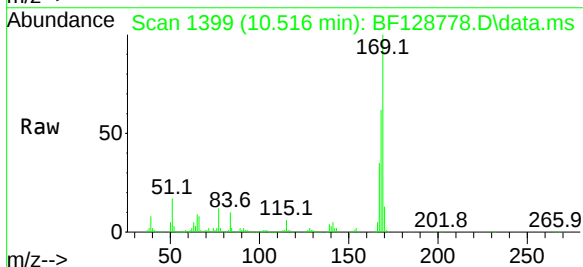
Manual Integrations
APPROVED

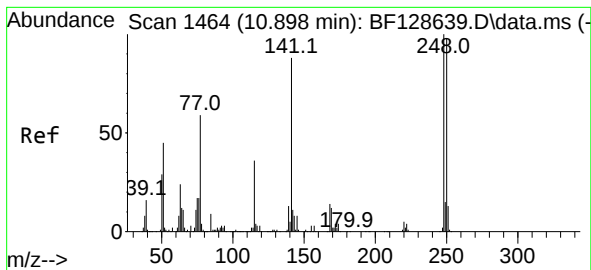
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022



#66
n-Nitrosodiphenylamine
Concen: 43.507 ng
RT: 10.516 min Scan# 1399
Delta R.T. -0.000 min
Lab File: BF128778.D
Acq: 13 Jun 2022 12:03

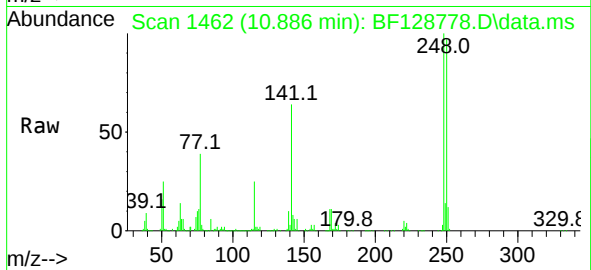
Tgt Ion:169 Resp: 489320
Ion Ratio Lower Upper
169 100
168 62.3 50.1 75.1
167 34.7 27.9 41.9





#67
4-Bromophenyl-phenylether
Concen: 43.203 ng
RT: 10.886 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BF128778.D
Acq: 13 Jun 2022 12:03

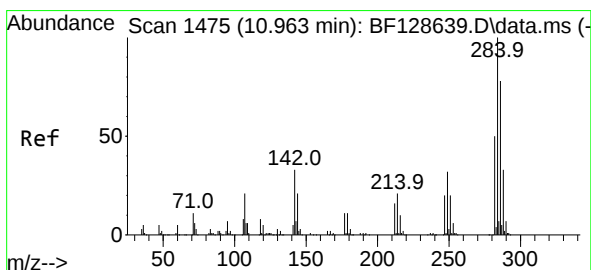
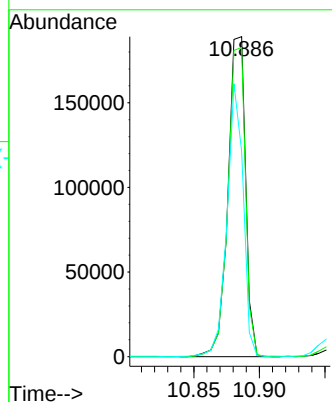
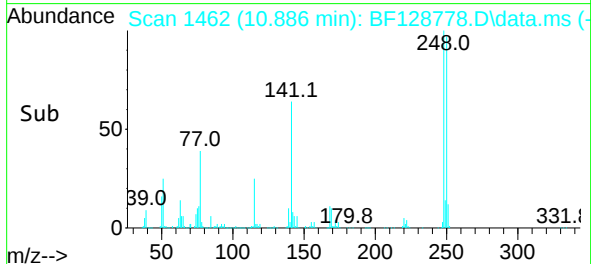
Instrument :
BNA_F
ClientSampleId :
PB145464BS



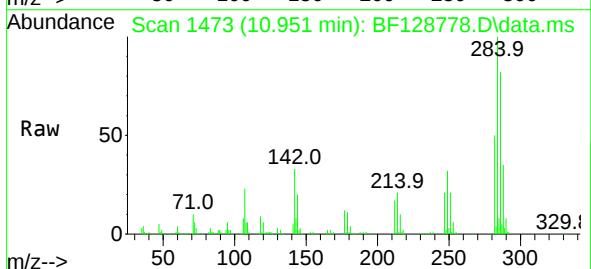
Tgt Ion:248 Resp: 176291
Ion Ratio Lower Upper
248 100
250 96.6 80.6 120.8
141 64.2 58.9 88.3

Manual Integrations
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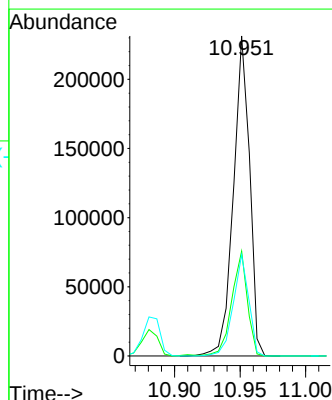
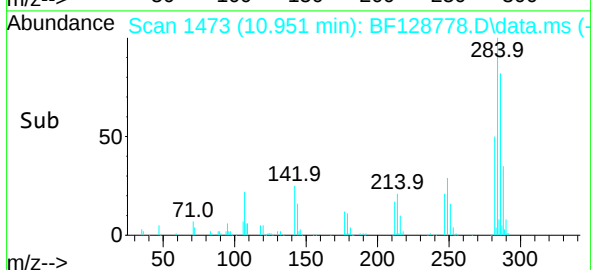
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

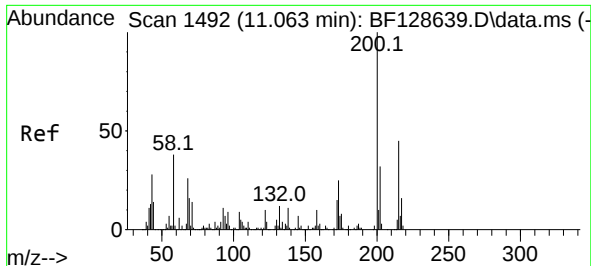


#68
Hexachlorobenzene
Concen: 43.818 ng
RT: 10.951 min Scan# 1473
Delta R.T. -0.000 min
Lab File: BF128778.D
Acq: 13 Jun 2022 12:03



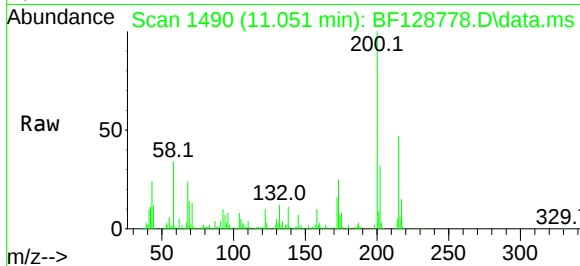
Tgt Ion:284 Resp: 198571
Ion Ratio Lower Upper
284 100
142 32.7 29.0 43.4
249 31.6 25.0 37.6





#69
Atrazine
Concen: 44.499 ng
RT: 11.051 min Scan# 1492
Delta R.T. 0.006 min
Lab File: BF128778.D
Acq: 13 Jun 2022 12:03

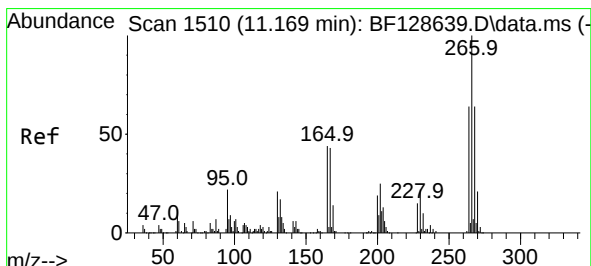
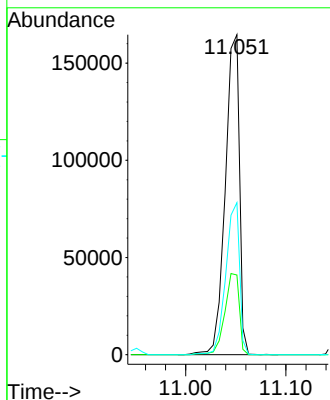
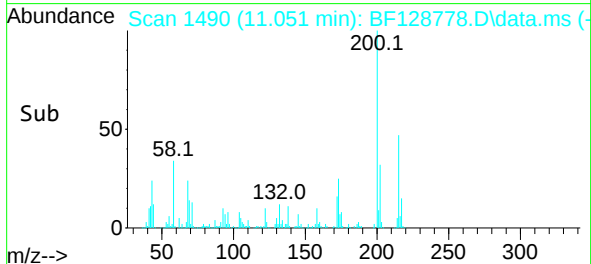
Instrument :
BNA_F
ClientSampleId :
PB145464BS



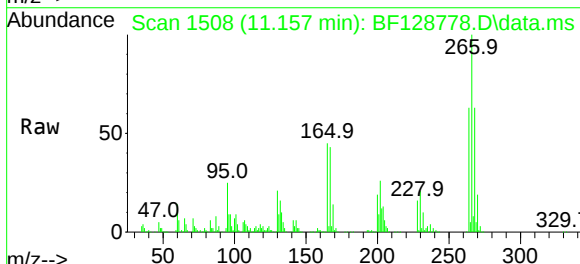
Tgt Ion:200 Resp: 16094
Ion Ratio Lower Upper
200 100
173 24.9 6.3 46.3
215 47.5 28.3 68.3

Manual Integrations
APPROVED

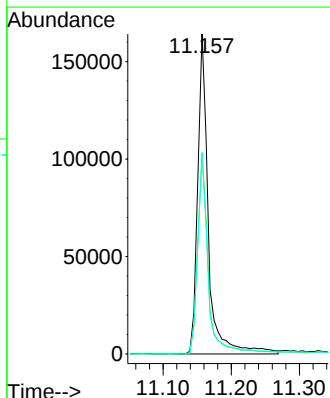
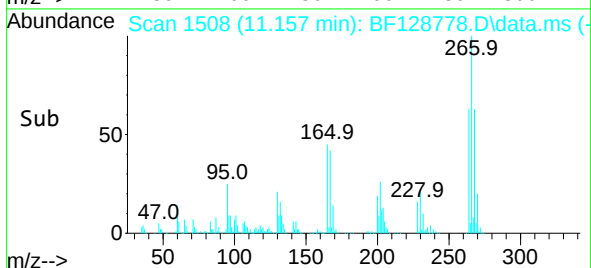
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

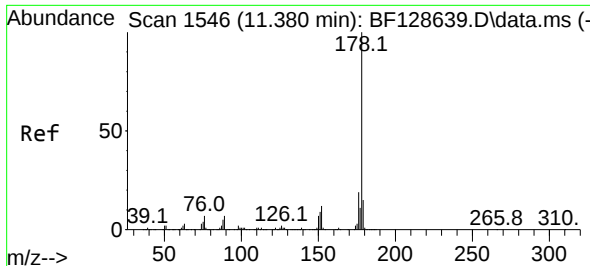


#70
Pentachlorophenol
Concen: 79.081 ng
RT: 11.157 min Scan# 1508
Delta R.T. 0.006 min
Lab File: BF128778.D
Acq: 13 Jun 2022 12:03



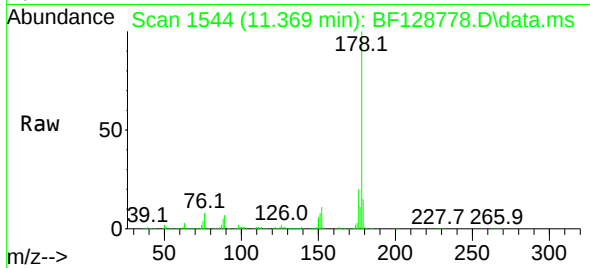
Tgt Ion:266 Resp: 178893
Ion Ratio Lower Upper
266 100
268 62.9 51.0 76.4
264 62.7 49.4 74.2





#71
Phenanthrene
Concen: 42.055 ng
RT: 11.369 min Scan# 1136
Delta R.T. -0.000 min
Lab File: BF128778.D
Acq: 13 Jun 2022 12:03

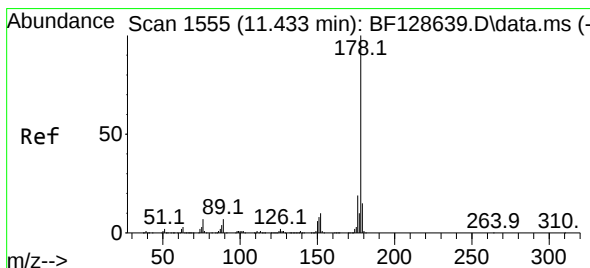
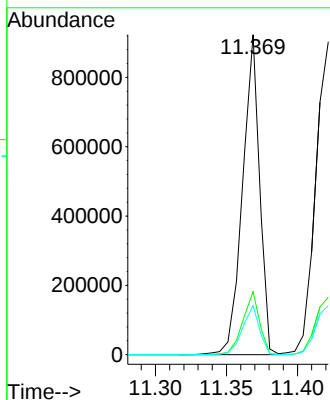
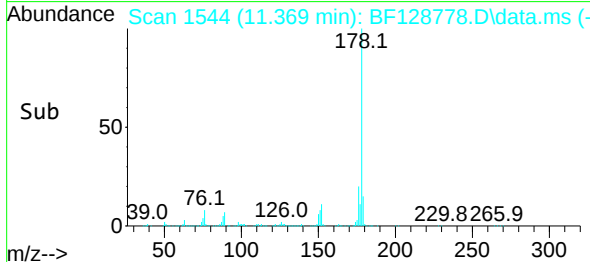
Instrument :
BNA_F
ClientSampleId :
PB145464BS



Tgt Ion:178 Resp: 771852
Ion Ratio Lower Upper
178 100
176 19.7 16.0 24.0
179 15.4 12.6 19.0

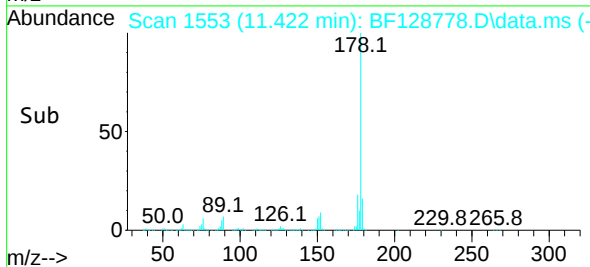
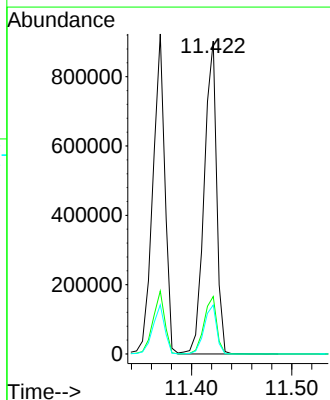
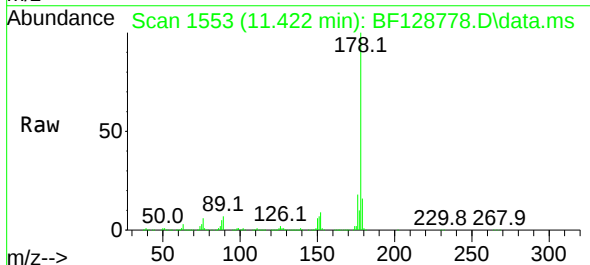
Manual Integrations
APPROVED

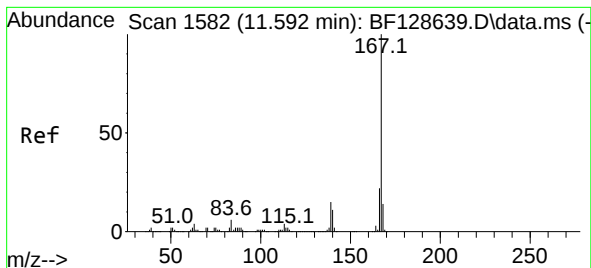
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022



#72
Anthracene
Concen: 42.939 ng
RT: 11.422 min Scan# 1553
Delta R.T. -0.000 min
Lab File: BF128778.D
Acq: 13 Jun 2022 12:03

Tgt Ion:178 Resp: 780030
Ion Ratio Lower Upper
178 100
176 18.4 15.4 23.2
179 15.6 12.6 19.0





#73

Carbazole

Concen: 39.613 ng

RT: 11.580 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF128778.D

Acq: 13 Jun 2022 12:03

Instrument :

BNA_F

ClientSampleId :

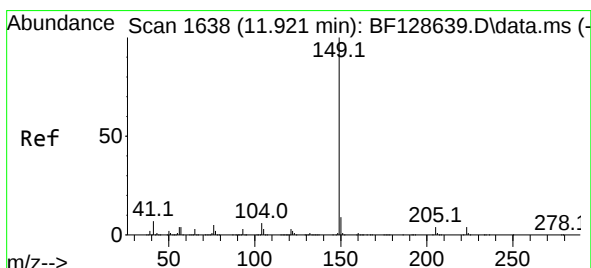
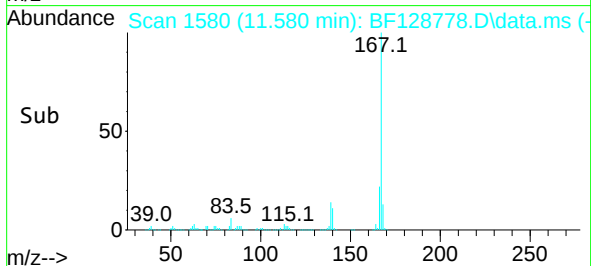
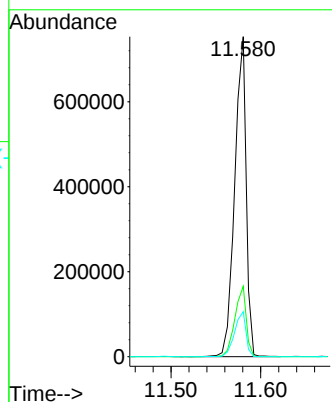
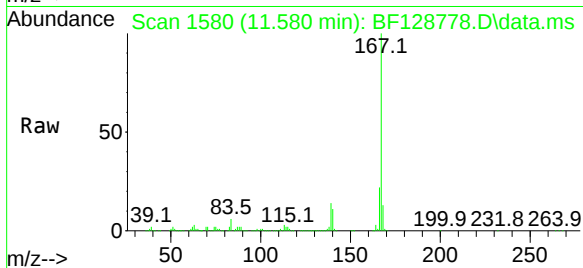
PB145464BS

Tgt Ion:167 Resp: 668374
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.7 26.5
 139 14.1 11.2 16.8

Manual Integrations

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Reviewed By :Christian Giraldo 06/14/2022
 Supervised By :Jagrut Upadhyay 06/14/2022



#74

Di-n-butylphthalate

Concen: 41.492 ng

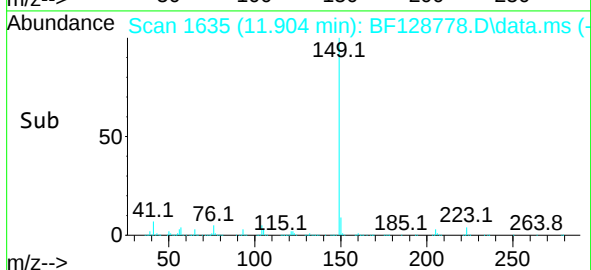
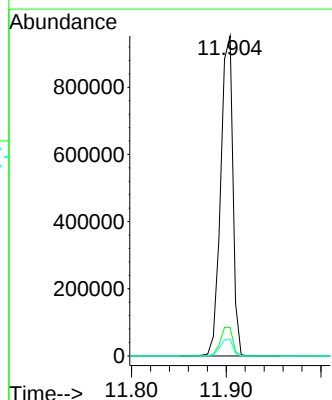
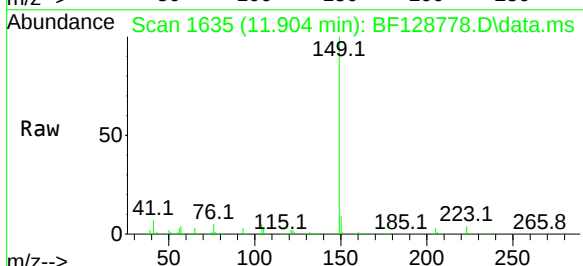
RT: 11.904 min Scan# 1635

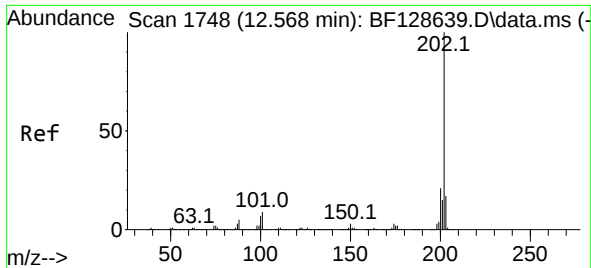
Delta R.T. -0.000 min

Lab File: BF128778.D

Acq: 13 Jun 2022 12:03

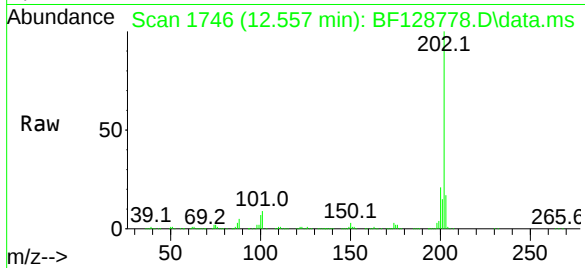
Tgt Ion:149 Resp: 852370
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.5 11.3
 104 5.2 4.4 6.6





#75
Fluoranthene
Concen: 42.037 ng
RT: 12.557 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128778.D
Acq: 13 Jun 2022 12:03

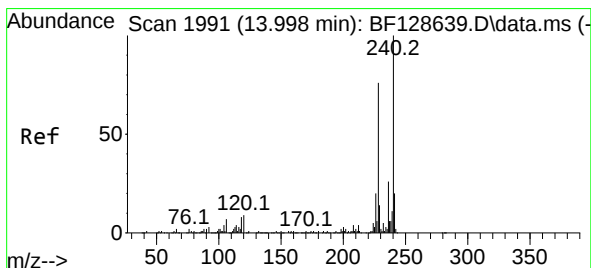
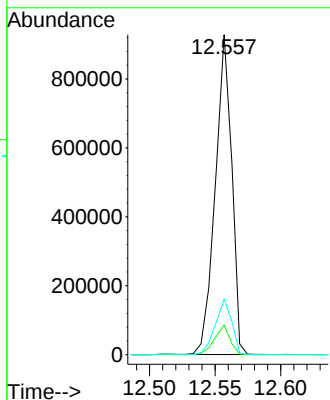
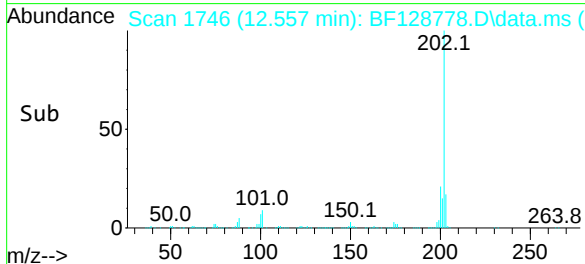
Instrument :
BNA_F
ClientSampleId :
PB145464BS



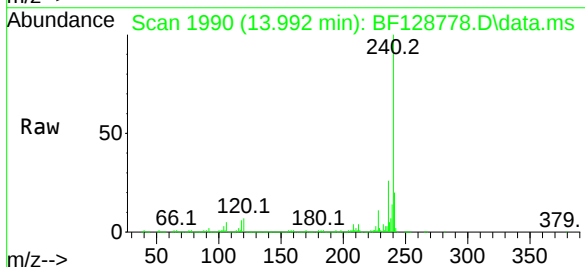
Tgt Ion:202 Resp: 806460
Ion Ratio Lower Upper
202 100
101 9.3 0.0 31.4
203 17.3 0.0 38.0

Manual Integrations
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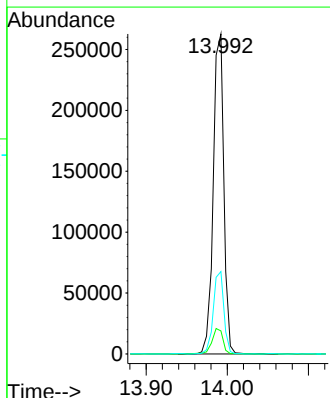
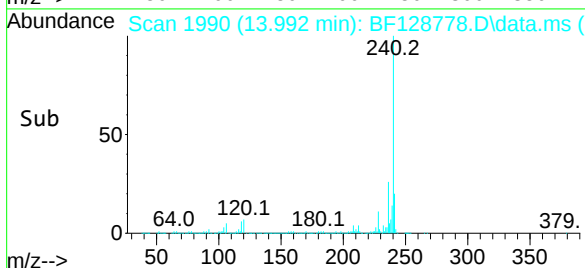
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

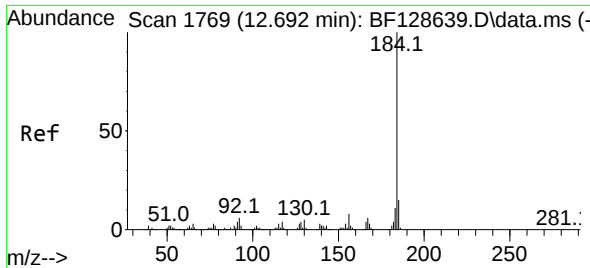


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 1990
Delta R.T. 0.006 min
Lab File: BF128778.D
Acq: 13 Jun 2022 12:03



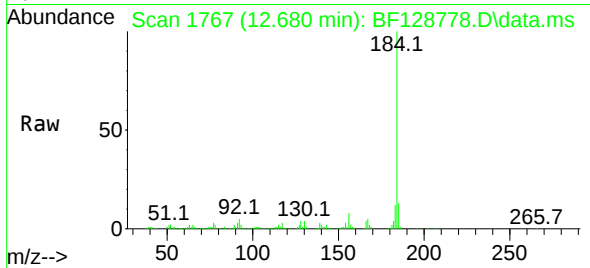
Tgt Ion:240 Resp: 237105
Ion Ratio Lower Upper
240 100
120 7.2 8.9 13.3#
236 25.8 20.8 31.2





#77
Benzidine
Concen: 39.992 ng
RT: 12.680 min Scan# 1767
Delta R.T. -0.000 min
Lab File: BF128778.D
Acq: 13 Jun 2022 12:03

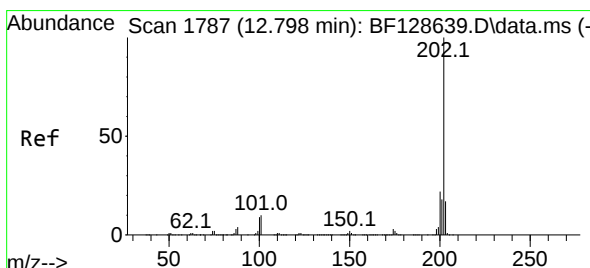
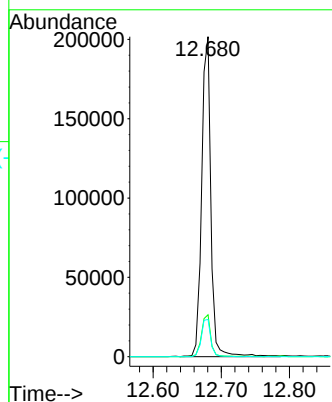
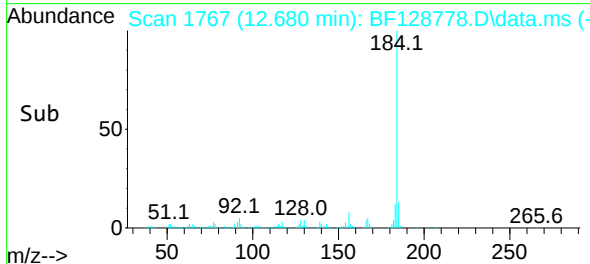
Instrument :
BNA_F
ClientSampleId :
PB145464BS



Tgt Ion:184 Resp: 18902
Ion Ratio Lower Upper
184 100
185 13.1 11.9 17.9
183 11.6 9.3 13.9

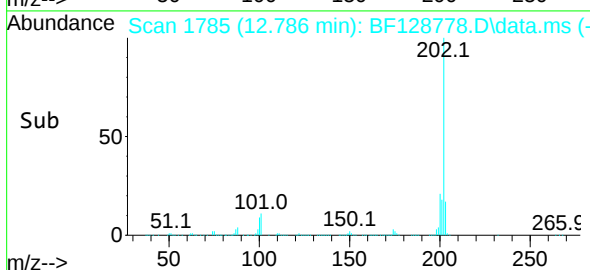
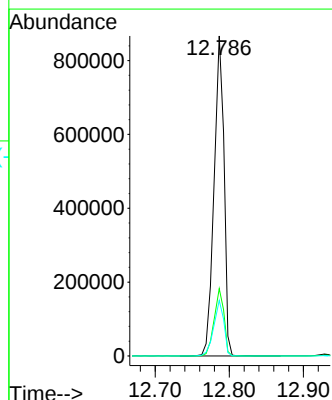
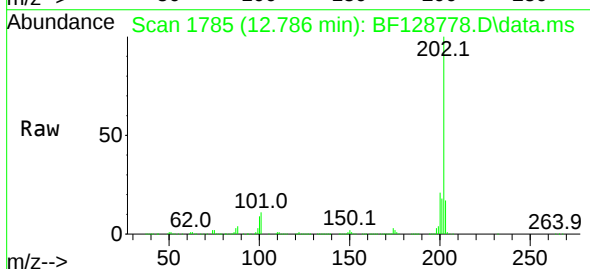
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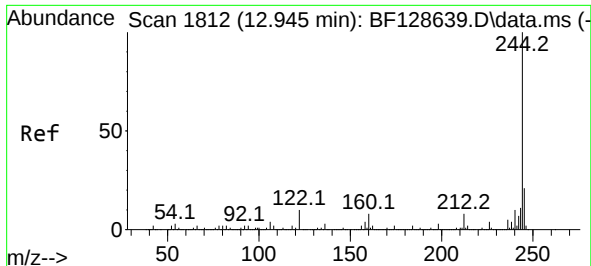
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022



#78
Pyrene
Concen: 45.703 ng
RT: 12.786 min Scan# 1785
Delta R.T. -0.000 min
Lab File: BF128778.D
Acq: 13 Jun 2022 12:03

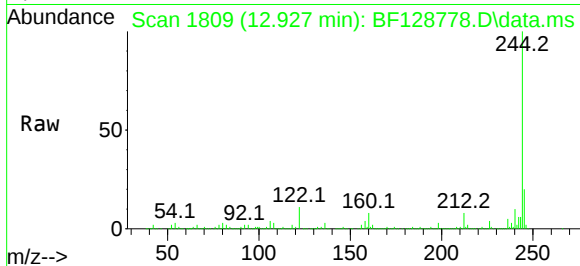
Tgt Ion:202 Resp: 806229
Ion Ratio Lower Upper
202 100
200 21.0 17.7 26.5
203 17.4 14.6 21.8





#79
 Terphenyl-d14
 Concen: 89.054 ng
 RT: 12.927 min Scan# 1809
 Delta R.T. -0.006 min
 Lab File: BF128778.D
 Acq: 13 Jun 2022 12:03

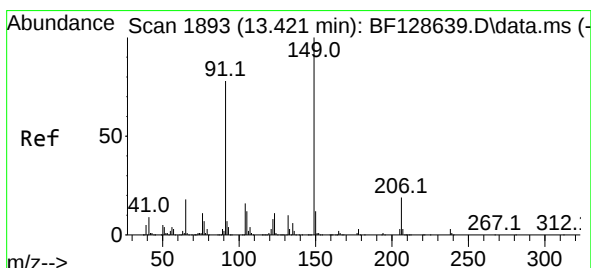
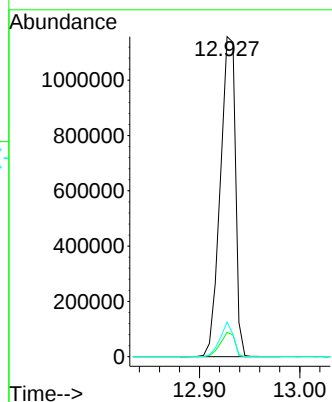
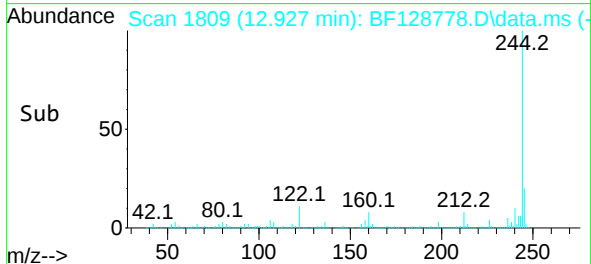
Instrument :
 BNA_F
 ClientSampleId :
 PB145464BS



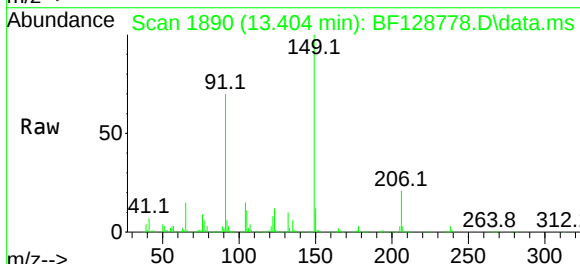
Tgt Ion:244 Resp: 121516
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 10.8 8.8 13.2

Manual Integrations
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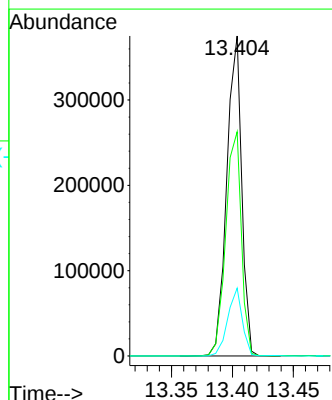
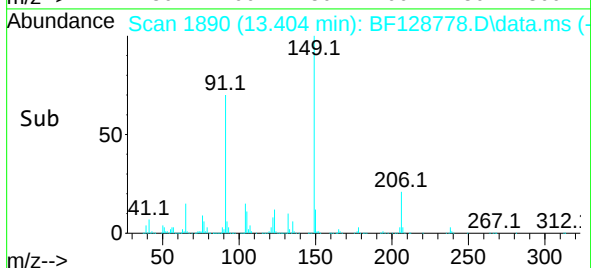
Reviewed By :Christian Giraldo 06/14/2022
 Supervised By :Jagrut Upadhyay 06/14/2022

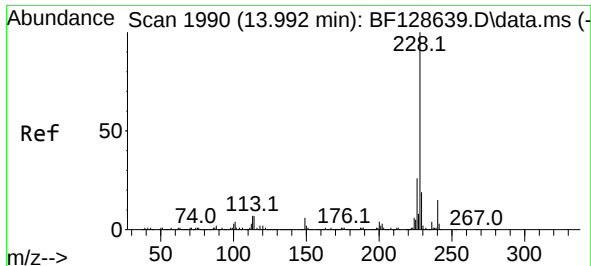


#80
 Butylbenzylphthalate
 Concen: 43.371 ng
 RT: 13.404 min Scan# 1890
 Delta R.T. -0.000 min
 Lab File: BF128778.D
 Acq: 13 Jun 2022 12:03



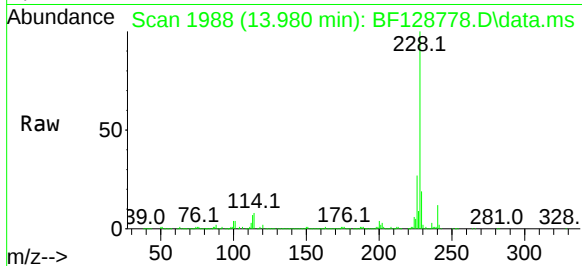
Tgt Ion:149 Resp: 321292
 Ion Ratio Lower Upper
 149 100
 91 70.1 61.2 91.8
 206 21.2 15.7 23.5





#81
Benzo(a)anthracene
Concen: 43.476 ng
RT: 13.980 min Scan# 1988
Delta R.T. 0.006 min
Lab File: BF128778.D
Acq: 13 Jun 2022 12:03

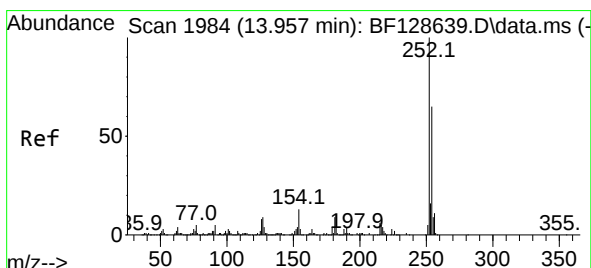
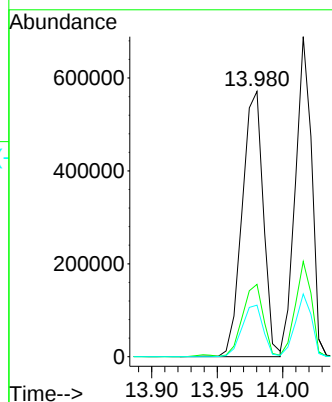
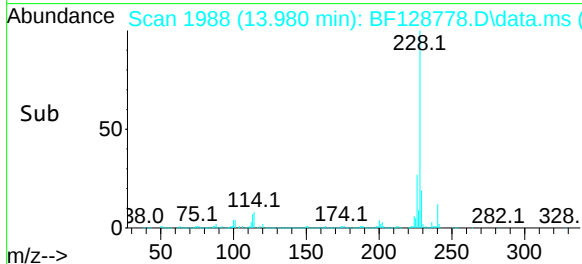
Instrument :
BNA_F
ClientSampleId :
PB145464BS



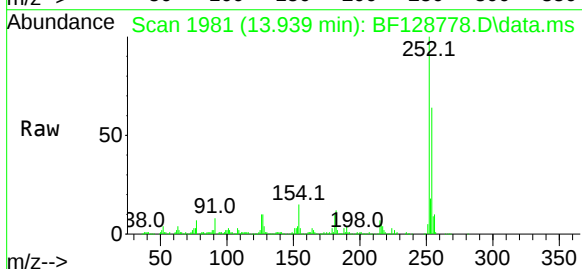
Tgt Ion:228 Resp: 642562
Ion Ratio Lower Upper
228 100
226 27.3 22.1 33.1
229 19.4 15.8 23.8

Manual Integrations
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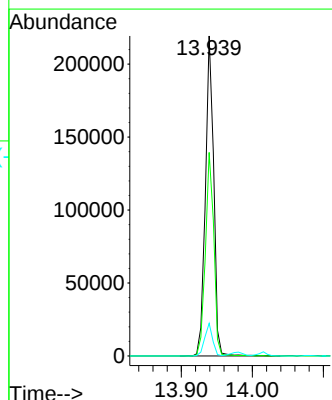
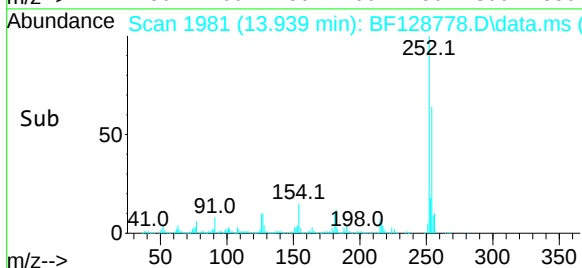
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

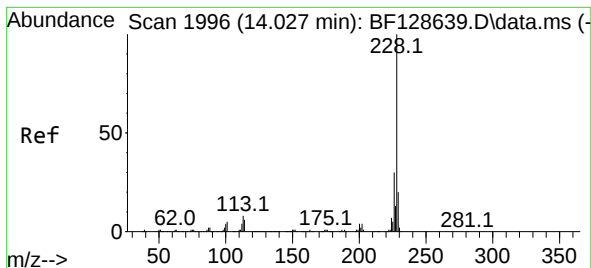


#82
3,3'-Dichlorobenzidine
Concen: 56.455 ng
RT: 13.939 min Scan# 1981
Delta R.T. -0.000 min
Lab File: BF128778.D
Acq: 13 Jun 2022 12:03



Tgt Ion:252 Resp: 178509
Ion Ratio Lower Upper
252 100
254 63.6 50.2 75.4
126 10.2 8.2 12.4





#83

Chrysene

Concen: 42.182 ng

RT: 14.016 min Scan# 1994

Delta R.T. -0.000 min

Lab File: BF128778.D

Acq: 13 Jun 2022 12:03

Instrument :

BNA_F

ClientSampleId :

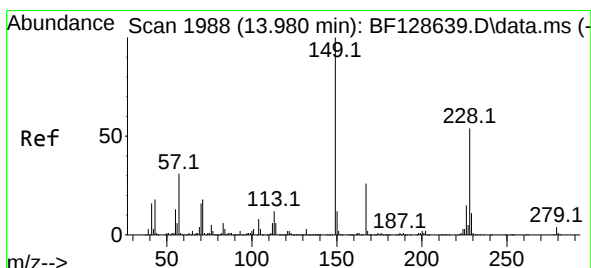
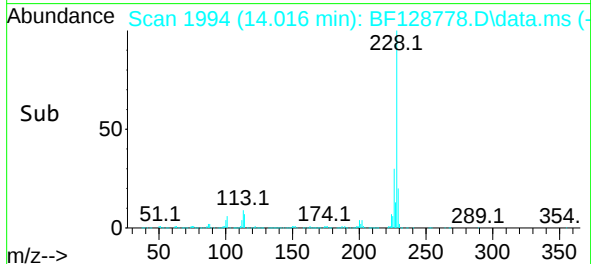
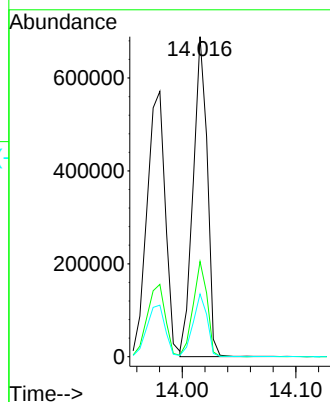
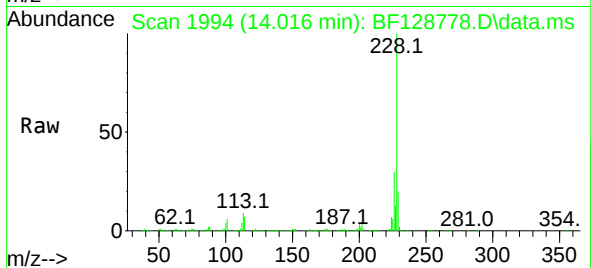
PB145464BS

Tgt Ion:228 Resp: 59437
 Ion Ratio Lower Upper
 228 100
 226 29.8 24.3 36.5
 229 19.6 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/14/2022
 Supervised By :Jagrut Upadhyay 06/14/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.172 ng

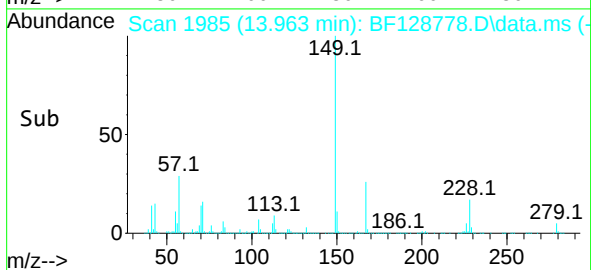
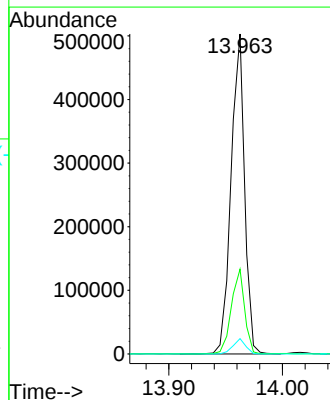
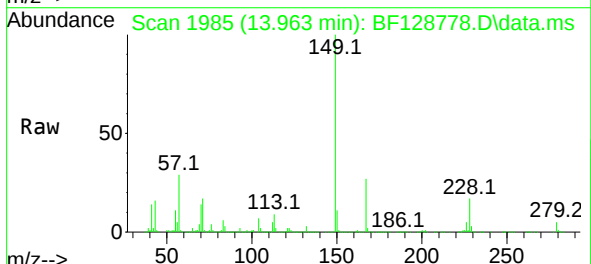
RT: 13.963 min Scan# 1985

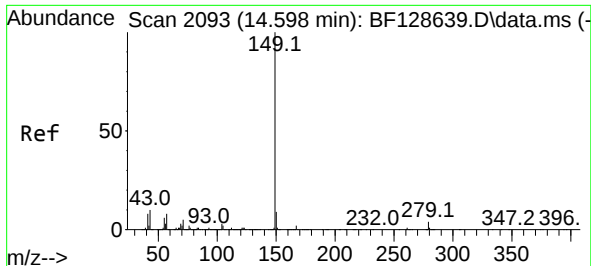
Delta R.T. -0.000 min

Lab File: BF128778.D

Acq: 13 Jun 2022 12:03

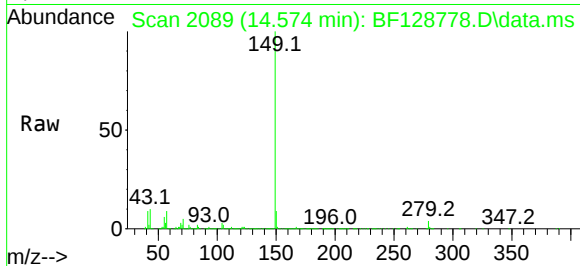
Tgt Ion:149 Resp: 415782
 Ion Ratio Lower Upper
 149 100
 167 26.5 21.0 31.4
 279 4.8 3.1 4.7#





#85
Di-n-octyl phthalate
Concen: 41.696 ng
RT: 14.574 min Scan# 2093
Delta R.T. -0.006 min
Lab File: BF128778.D
Acq: 13 Jun 2022 12:03

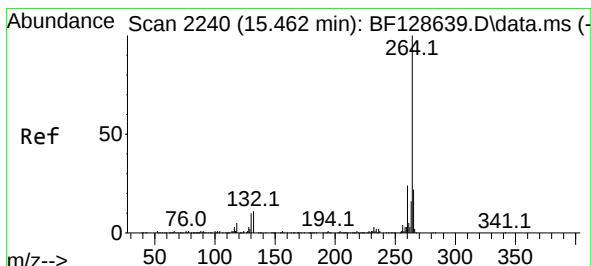
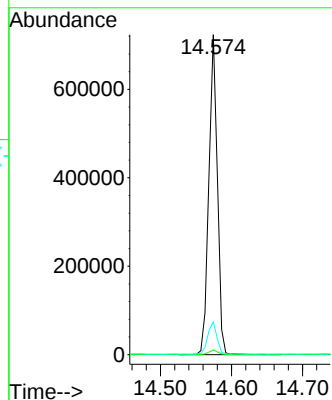
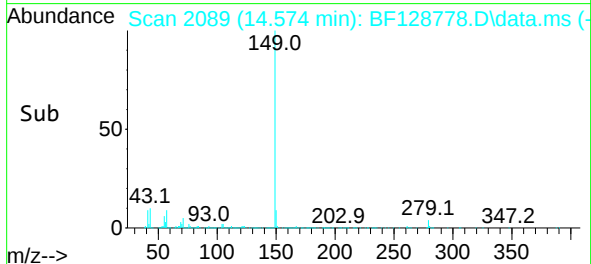
Instrument :
BNA_F
ClientSampleId :
PB145464BS



Tgt Ion:149 Resp: 604811
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 10.8 9.2 13.8

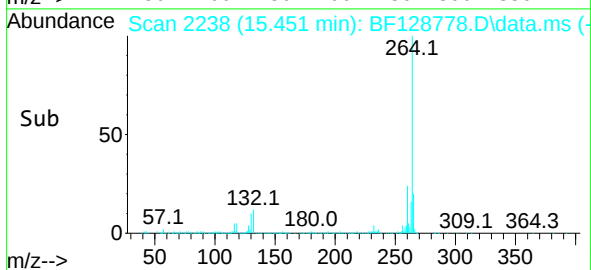
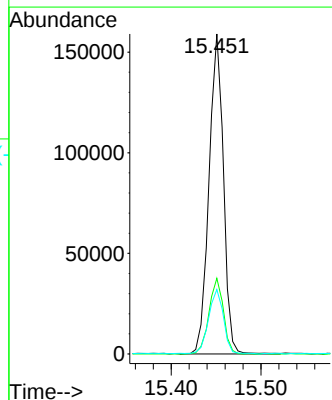
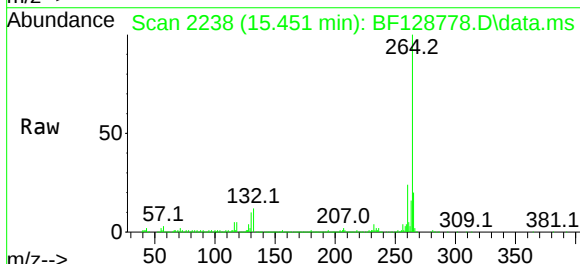
Manual Integrations
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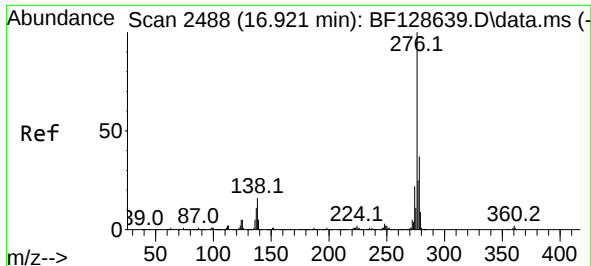
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 2238
Delta R.T. 0.006 min
Lab File: BF128778.D
Acq: 13 Jun 2022 12:03

Tgt Ion:264 Resp: 177823
Ion Ratio Lower Upper
264 100
260 23.7 18.4 27.6
265 20.1 17.2 25.8





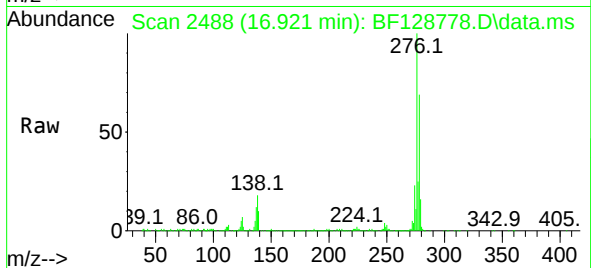
#87
Indeno(1,2,3-cd)pyrene
Concen: 45.679 ng
RT: 16.921 min Scan# 2488
Delta R.T. 0.023 min
Lab File: BF128778.D
Acq: 13 Jun 2022 12:03

Instrument :

BNA_F

ClientSampleId :

PB145464BS

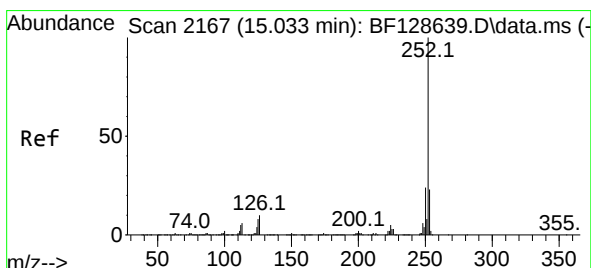
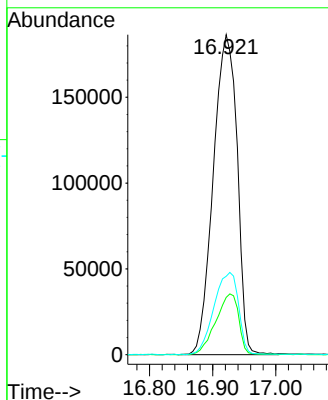
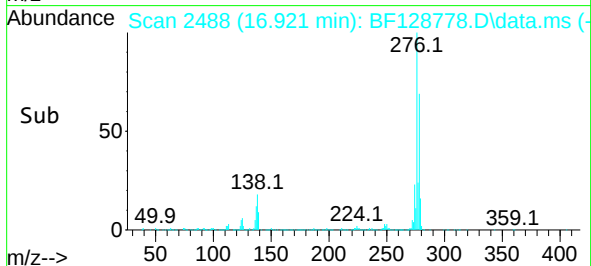


Tgt Ion:276 Resp: 489578
Ion Ratio Lower Upper
276 100
138 18.3 21.1 31.7
277 26.6 20.3 30.5

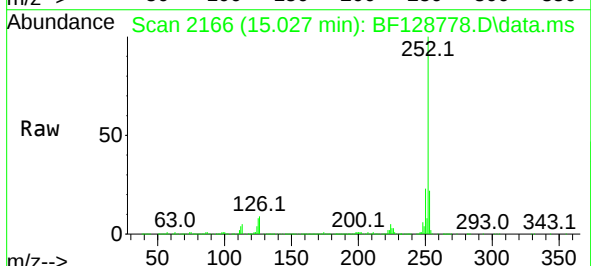
Manual Integrations

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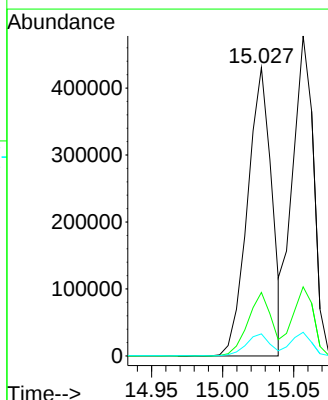
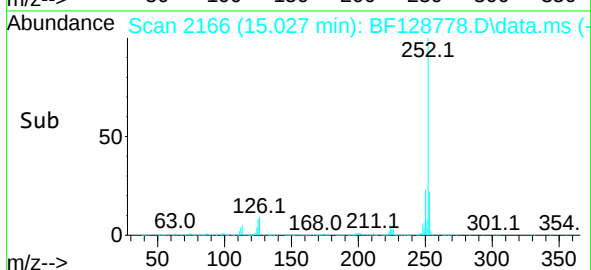
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

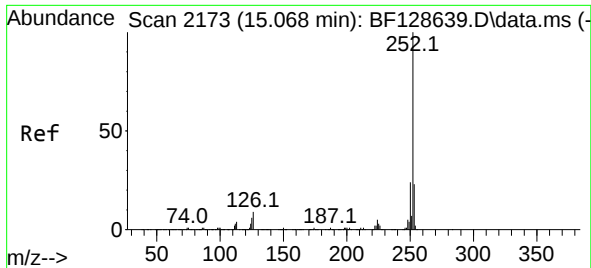


#88
Benzo(b)fluoranthene
Concen: 44.826 ng
RT: 15.027 min Scan# 2166
Delta R.T. 0.006 min
Lab File: BF128778.D
Acq: 13 Jun 2022 12:03



Tgt Ion:252 Resp: 509340
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 7.7 8.0 12.0#





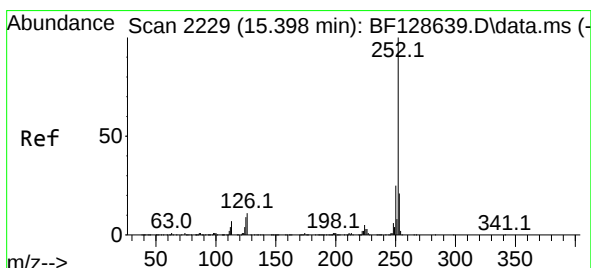
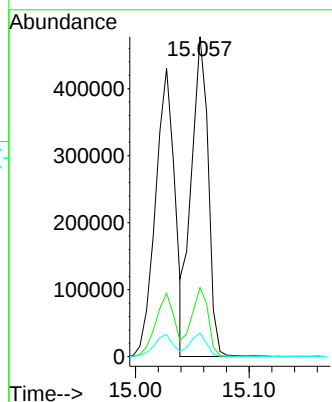
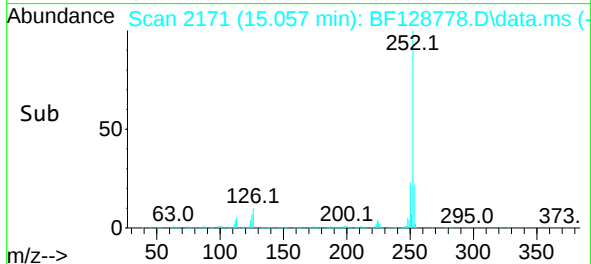
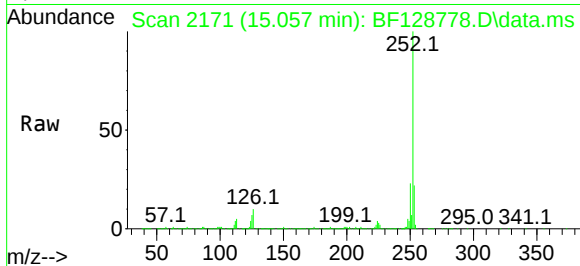
#89
Benzo(k)fluoranthene
Concen: 46.222 ng
RT: 15.057 min Scan# 2173
Delta R.T. 0.006 min
Lab File: BF128778.D
Acq: 13 Jun 2022 12:03

Instrument :
BNA_F
ClientSampleId :
PB145464BS

Tgt Ion:252 Resp: 49406
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.6
125 7.4 8.3 12.5

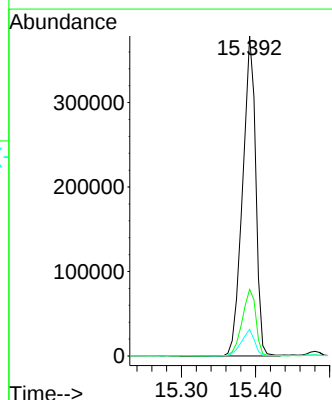
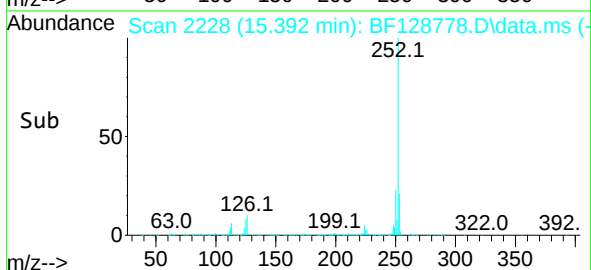
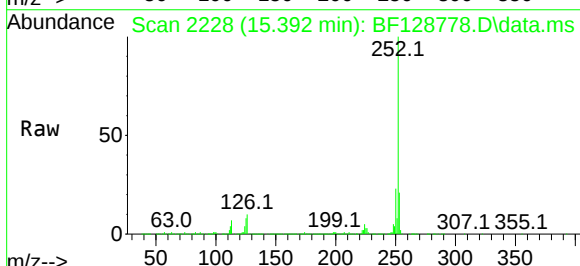
Manual Integrations
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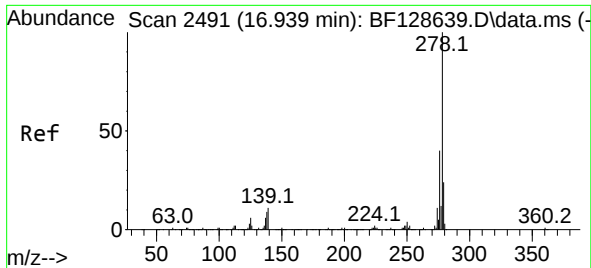
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022



#90
Benzo(a)pyrene
Concen: 52.065 ng
RT: 15.392 min Scan# 2228
Delta R.T. 0.006 min
Lab File: BF128778.D
Acq: 13 Jun 2022 12:03

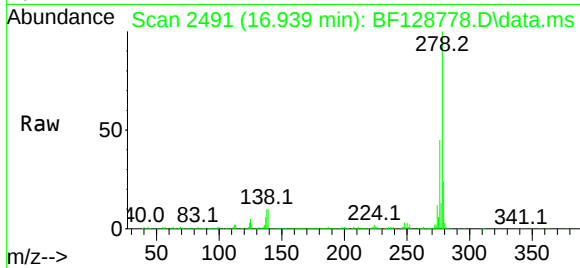
Tgt Ion:252 Resp: 464978
Ion Ratio Lower Upper
252 100
253 20.8 17.0 25.6
125 8.3 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 49.834 ng
RT: 16.939 min Scan# 2491
Delta R.T. 0.023 min
Lab File: BF128778.D
Acq: 13 Jun 2022 12:03

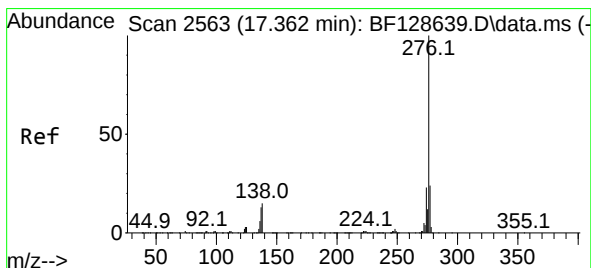
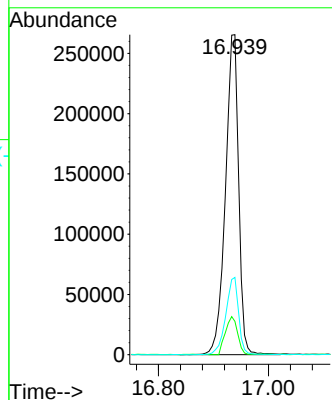
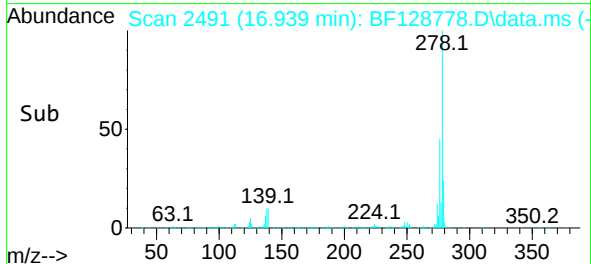
Instrument :
BNA_F
ClientSampleId :
PB145464BS



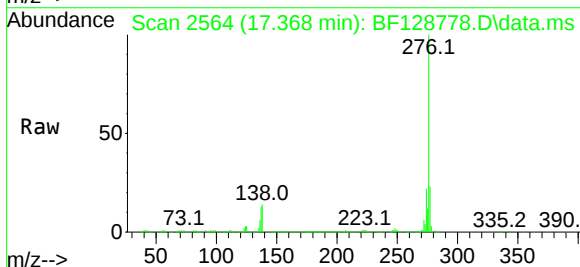
Tgt Ion: 278 Resp: 44303
Ion Ratio Lower Upper
278 100
139 10.4 12.8 19.2
279 24.2 18.6 28.0

Manual Integrations
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Reviewed By : Christian Giraldo 06/14/2022
Supervised By : Jagrut Upadhyay 06/14/2022



#92
Benzo(g,h,i)perylene
Concen: 49.360 ng
RT: 17.368 min Scan# 2564
Delta R.T. 0.029 min
Lab File: BF128778.D
Acq: 13 Jun 2022 12:03



Tgt Ion: 276 Resp: 434915
Ion Ratio Lower Upper
276 100
277 23.0 19.1 28.7
138 14.5 18.0 27.0

