

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031522\
 Data File : BF127329.D
 Acq On : 15 Mar 2022 17:35
 Operator : CG\JU
 Sample : PB143346BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143346BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/16/2022
 Supervised By : Jagrut Upadhyay 03/16/2022

Quant Time: Mar 16 05:29:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 10 16:51:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	112788	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	407183	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	233029	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	397099	20.000	ng	# 0.00
76) Chrysene-d12	14.051	240	258108	20.000	ng	# 0.00
86) Perylene-d12	15.533	264	198883	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	825895	117.714	ng	0.02
7) Phenol-d6	6.510	99	1136733	117.775	ng	0.00
23) Nitrobenzene-d5	7.440	82	815479	82.709	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	315136	125.625	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1351867	82.018	ng	0.00
79) Terphenyl-d14	12.992	244	1422236	94.883	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.781	88	121212	33.319	ng	# 81
3) Pyridine	3.528	79	312848	32.317	ng	# 75
4) n-Nitrosodimethylamine	3.505	42	229122	42.718	ng	# 65
6) Aniline	6.540	93	407825	35.357	ng	95
8) 2-Chlorophenol	6.657	128	338187	46.594	ng	93
9) Benzaldehyde	6.422	77	218536	44.644	ng	93
10) Phenol	6.522	94	454085	42.828	ng	79
11) bis(2-Chloroethyl)ether	6.610	93	370731	47.086	ng	94
12) 1,3-Dichlorobenzene	6.810	146	358620	44.016	ng	99
13) 1,4-Dichlorobenzene	6.887	146	362957	44.406	ng	99
14) 1,2-Dichlorobenzene	7.040	146	346271	45.013	ng	95
15) Benzyl Alcohol	7.016	79	337400	46.639	ng	90
16) 2,2'-oxybis(1-Chloropr...	7.140	45	668886	45.269	ng	96
17) 2-Methylphenol	7.128	107	283453	45.938	ng	# 88
18) Hexachloroethane	7.375	117	142800	45.481	ng	# 83
19) n-Nitroso-di-n-propyla...	7.287	70	273379	45.389	ng	# 89
20) 3+4-Methylphenols	7.281	107	332080	41.499	ng	89
22) Acetophenone	7.287	105	465864	41.787	ng	# 89
24) Nitrobenzene	7.457	77	422675	45.325	ng	93
25) Isophorone	7.692	82	773557	48.793	ng	# 97
26) 2-Nitrophenol	7.769	139	178233	46.152	ng	# 71
27) 2,4-Dimethylphenol	7.810	122	300545m	51.842	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	453515	45.146	ng	96
29) 2,4-Dichlorophenol	8.016	162	301019	45.339	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	335971	44.388	ng	98
31) Naphthalene	8.175	128	978354	45.042	ng	99
32) Benzoic acid	7.957	122	163979	41.702	ng	88
33) 4-Chloroaniline	8.222	127	123992	14.727	ng	# 94
34) Hexachlorobutadiene	8.287	225	220453	43.677	ng	98
35) Caprolactam	8.616	113	87679m	44.207	ng	
36) 4-Chloro-3-methylphenol	8.716	107	338378	47.024	ng	99
37) 2-Methylnaphthalene	8.869	142	653313	46.032	ng	98
38) 1-Methylnaphthalene	8.969	142	605816	44.401	ng	98
40) 1,2,4,5-Tetrachloroben...	9.034	216	338724	45.916	ng	# 94
41) Hexachlorocyclopentadiene	9.016	237	360090	114.234	ng	96
43) 2,4,6-Trichlorophenol	9.151	196	208265	44.731	ng	98

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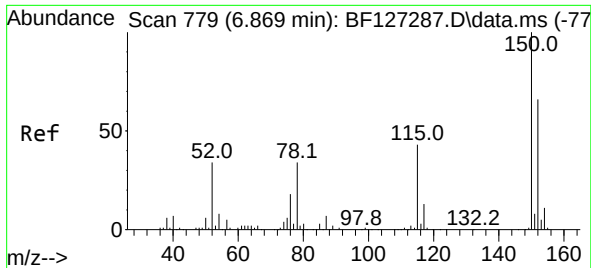
Manual Integrations
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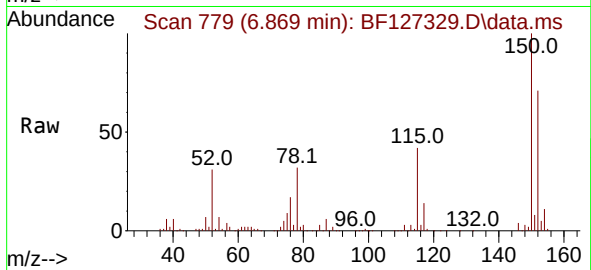
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	226387m	45.814	ng	
46) 1,1'-Biphenyl	9.334	154	788364	44.825	ng	97
47) 2-Chloronaphthalene	9.357	162	618013	45.141	ng	99
48) 2-Nitroaniline	9.463	65	238981	45.368	ng	92
49) Acenaphthylene	9.775	152	965131	46.065	ng	99
50) Dimethylphthalate	9.639	163	755972	45.273	ng	# 99
51) 2,6-Dinitrotoluene	9.704	165	161291	47.751	ng	# 91
52) Acenaphthene	9.951	154	558835	44.746	ng	97
53) 3-Nitroaniline	9.875	138	94610	25.704	ng	99
54) 2,4-Dinitrophenol	9.986	184	158281	84.790	ng	92
55) Dibenzofuran	10.122	168	820810	42.305	ng	99
56) 4-Nitrophenol	10.051	139	197875	88.446	ng	# 77
57) 2,4-Dinitrotoluene	10.110	165	207672	46.730	ng	# 92
58) Fluorene	10.463	166	652552	43.374	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	192710	46.929	ng	# 76
60) Diethylphthalate	10.339	149	677369	44.472	ng	96
61) 4-Chlorophenyl-phenyle...	10.451	204	353680	43.379	ng	91
62) 4-Nitroaniline	10.498	138	155931	42.512	ng	# 85
63) Azobenzene	10.616	77	770122	43.986	ng	89
65) 4,6-Dinitro-2-methylph...	10.522	198	110403	45.092	ng	86
66) n-Nitrosodiphenylamine	10.575	169	568166	46.070	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	219688	45.894	ng	92
68) Hexachlorobenzene	11.010	284	246512	47.253	ng	# 88
69) Atrazine	11.104	200	222670	52.323	ng	96
70) Pentachlorophenol	11.210	266	220623	104.743	ng	97
71) Phenanthrene	11.433	178	949345	45.288	ng	100
72) Anthracene	11.480	178	960907	46.287	ng	99
73) Carbazole	11.639	167	839553	42.945	ng	98
74) Di-n-butylphthalate	11.957	149	1028668	44.987	ng	99
75) Fluoranthene	12.622	202	1032878	44.068	ng	91
77) Benzidine	12.739	184	351727	53.587	ng	98
78) Pyrene	12.851	202	1031987	51.332	ng	99
80) Butylbenzylphthalate	13.457	149	386066	49.897	ng	# 98
81) Benzo(a)anthracene	14.039	228	809485	46.578	ng	98
82) 3,3'-Dichlorobenzidine	13.998	252	143515	26.559	ng	# 97
83) Chrysene	14.080	228	748585	46.311	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	513313	49.284	ng	# 99
85) Di-n-octyl phthalate	14.627	149	747833	47.439	ng	97
87) Indeno(1,2,3-cd)pyrene	17.039	276	631233	52.686	ng	# 85
88) Benzo(b)fluoranthene	15.098	252	629877	48.249	ng	# 93
89) Benzo(k)fluoranthene	15.127	252	623738	50.814	ng	# 94
90) Benzo(a)pyrene	15.474	252	599921	58.358	ng	# 92
91) Dibenzo(a,h)anthracene	17.057	278	546876	54.843	ng	# 90
92) Benzo(g,h,i)perylene	17.504	276	550017	56.547	ng	# 83

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF127329.D
 Acq: 15 Mar 2022 17:35

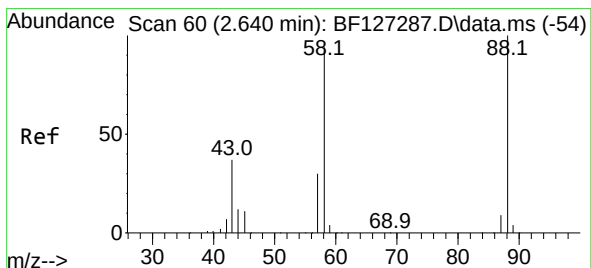
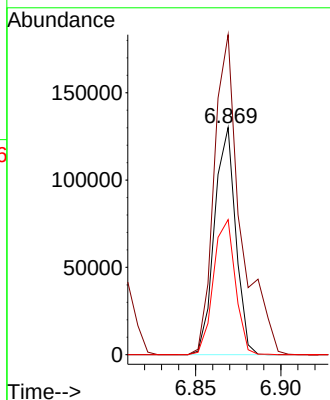
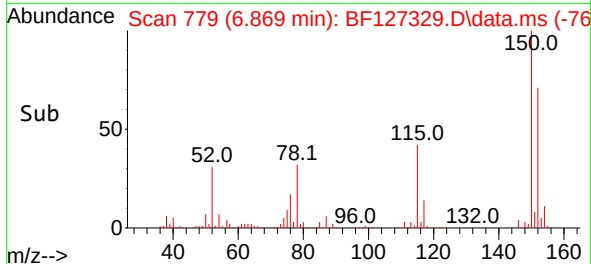
Instrument :
 BNA_F
 ClientSampleId :
 PB143346BS



Tgt Ion: 152 Resp: 112788
 Ion Ratio Lower Upper
 152 100
 150 140.9 128.1 192.1
 115 59.5 56.7 85.1

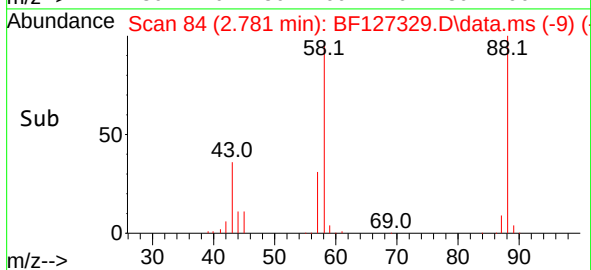
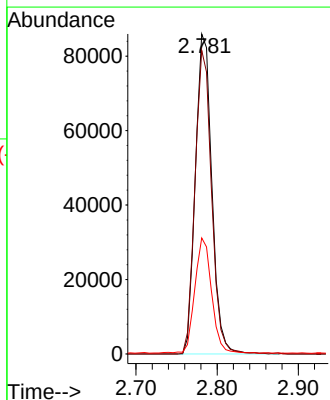
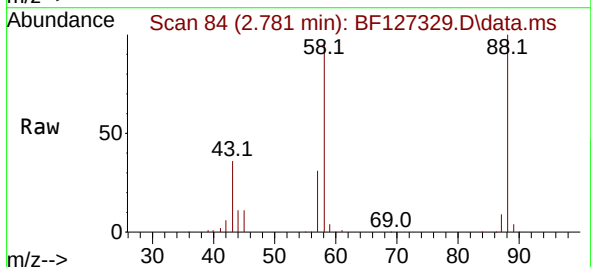
Manual Integrations
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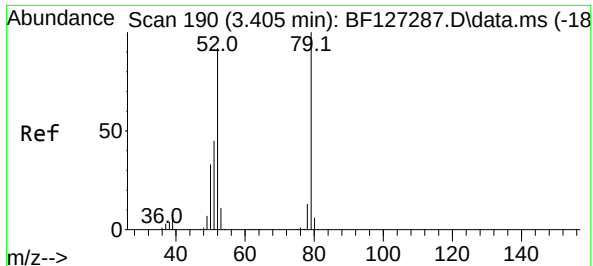
Reviewed By :Christian Giraldo 03/16/2022
 Supervised By :Jagrut Upadhyay 03/16/2022



#2
 1,4-Dioxane
 Concen: 33.319 ng
 RT: 2.781 min Scan# 84
 Delta R.T. 0.141 min
 Lab File: BF127329.D
 Acq: 15 Mar 2022 17:35

Tgt Ion: 88 Resp: 121212
 Ion Ratio Lower Upper
 88 100
 58 95.6 62.8 94.2#
 43 36.7 22.3 33.5#





#3

Pyridine

Concen: 32.317 ng

RT: 3.528 min Scan# 211

Delta R.T. 0.123 min

Lab File: BF127329.D

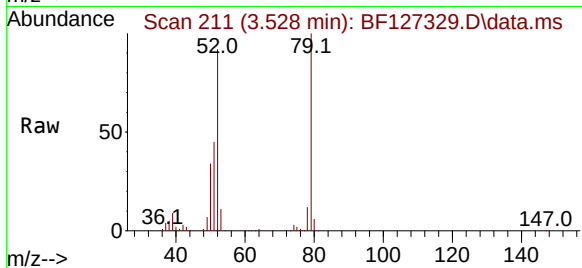
Acq: 15 Mar 2022 17:35

Instrument :

BNA_F

ClientSampleId :

PB143346BS



Tgt Ion: 79 Resp: 31284

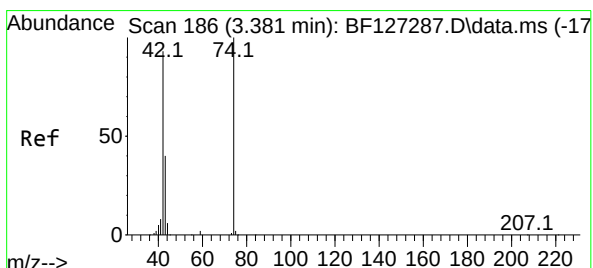
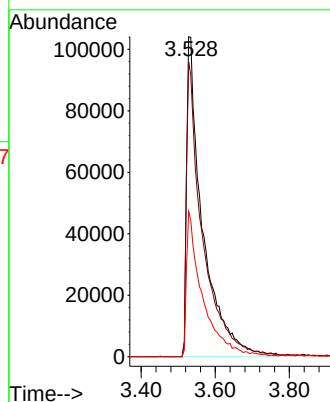
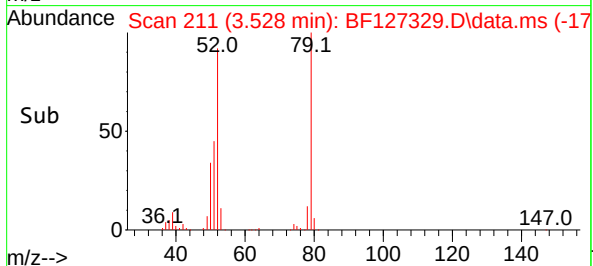
Ion	Ratio	Lower	Upper
79	100		
52	92.0	56.2	84.4
51	45.3	26.7	40.1

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#4

n-Nitrosodimethylamine

Concen: 42.718 ng

RT: 3.505 min Scan# 207

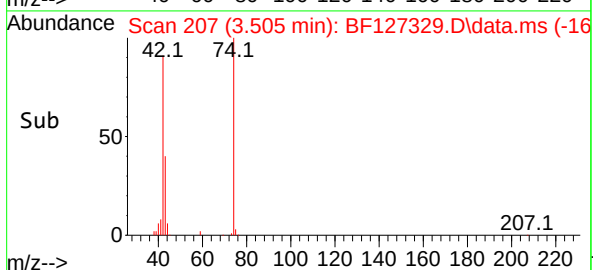
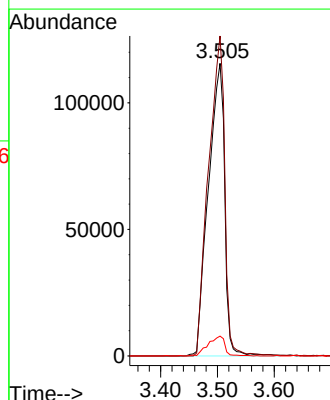
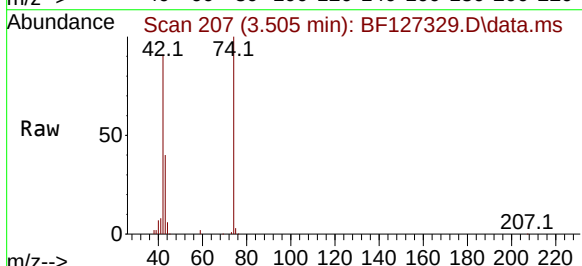
Delta R.T. 0.123 min

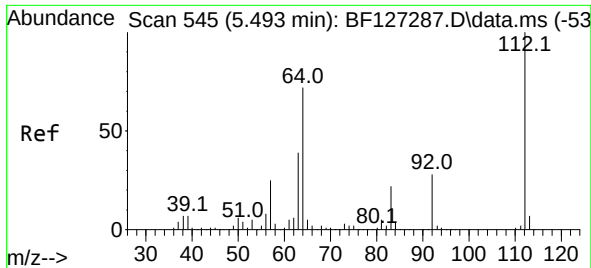
Lab File: BF127329.D

Acq: 15 Mar 2022 17:35

Tgt Ion: 42 Resp: 229122

Ion	Ratio	Lower	Upper
42	100		
74	109.3	125.6	188.4
44	6.8	5.7	8.5





#5
2-Fluorophenol
Concen: 117.714 ng
RT: 5.510 min Scan# 545
Delta R.T. 0.018 min
Lab File: BF127329.D
Acq: 15 Mar 2022 17:35

Instrument :

BNA_F

ClientSampleId :

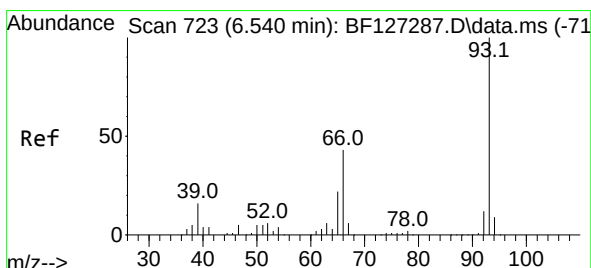
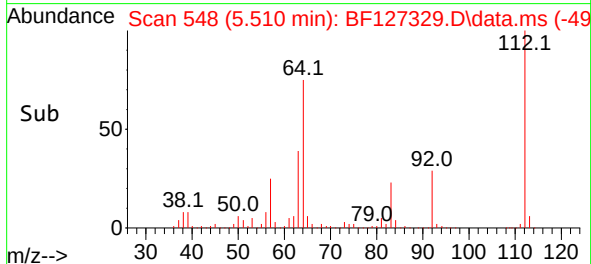
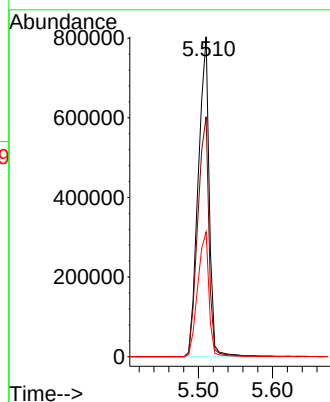
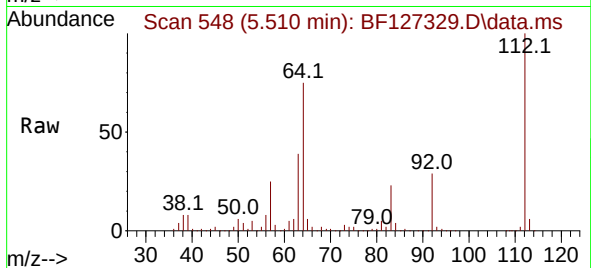
PB143346BS

Tgt Ion:112 Resp: 82589
Ion Ratio Lower Upper
112 100
64 75.0 49.5 74.3
63 39.0 23.9 35.9

Manual Integrations

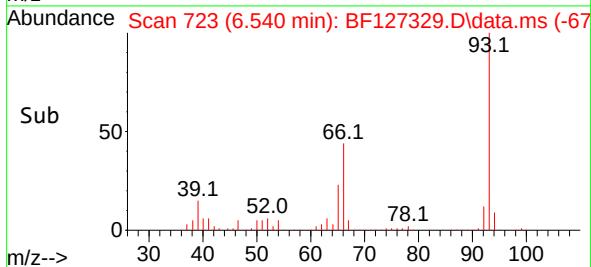
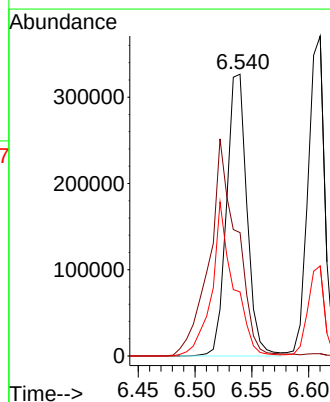
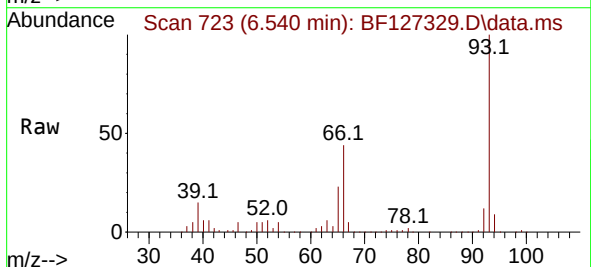
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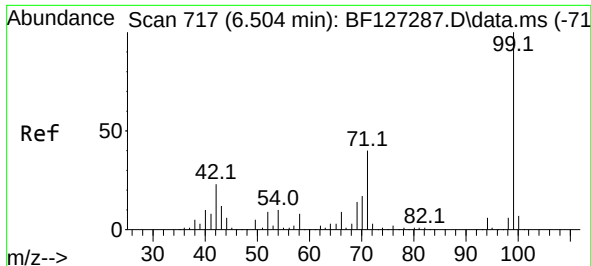
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#6
Aniline
Concen: 35.357 ng
RT: 6.540 min Scan# 723
Delta R.T. -0.000 min
Lab File: BF127329.D
Acq: 15 Mar 2022 17:35

Tgt Ion: 93 Resp: 407825
Ion Ratio Lower Upper
93 100
66 43.8 32.2 48.4
65 22.7 16.3 24.5





#7

Phenol-d6

Concen: 117.775 ng

RT: 6.510 min Scan# 718

Delta R.T. 0.006 min

Lab File: BF127329.D

Acq: 15 Mar 2022 17:35

Instrument :

BNA_F

ClientSampleId :

PB143346BS

Tgt Ion: 99 Resp: 113673

Ion Ratio Lower Upper

99 100

42 23.2 14.2 21.4

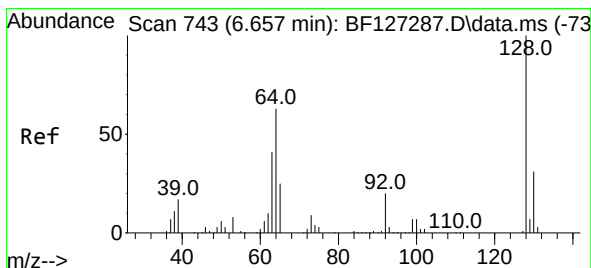
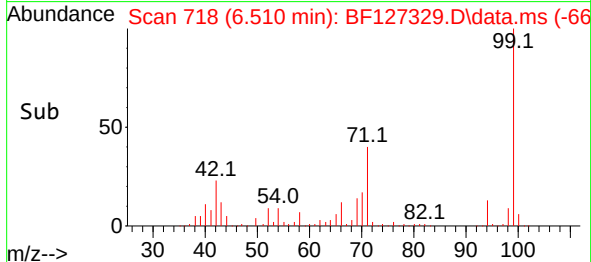
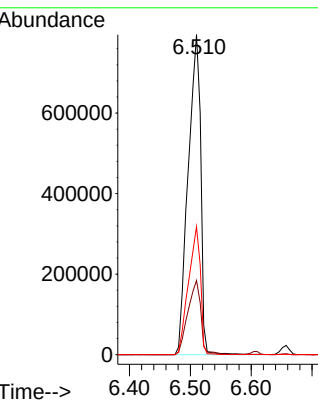
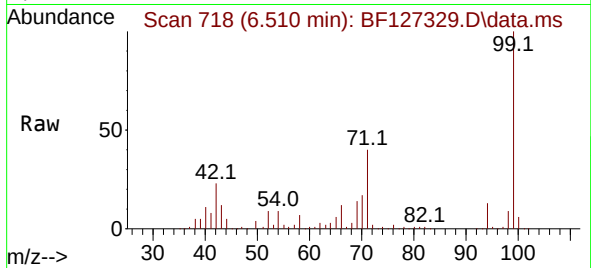
71 40.0 24.3 36.5

Manual Integrations

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Supervised By :Jagrut Upadhyay 03/16/2022



#8

2-Chlorophenol

Concen: 46.594 ng

RT: 6.657 min Scan# 743

Delta R.T. -0.000 min

Lab File: BF127329.D

Acq: 15 Mar 2022 17:35

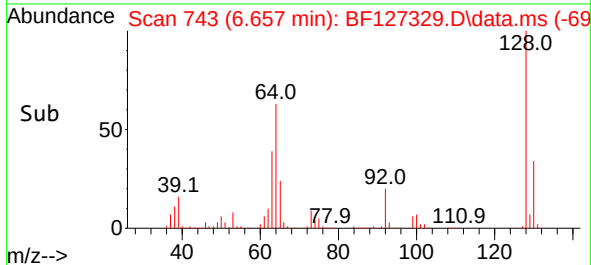
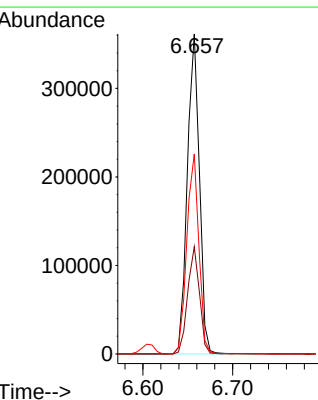
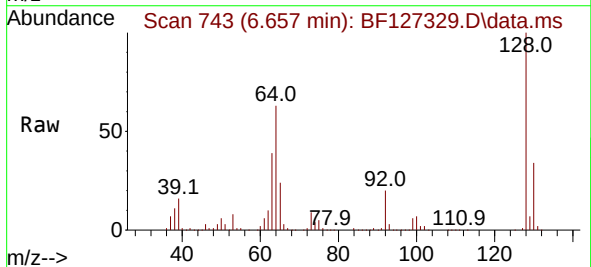
Tgt Ion:128 Resp: 338187

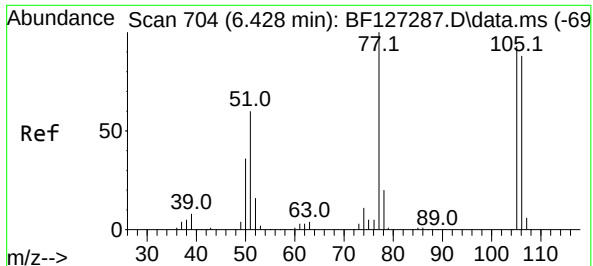
Ion Ratio Lower Upper

128 100

130 33.5 12.7 52.7

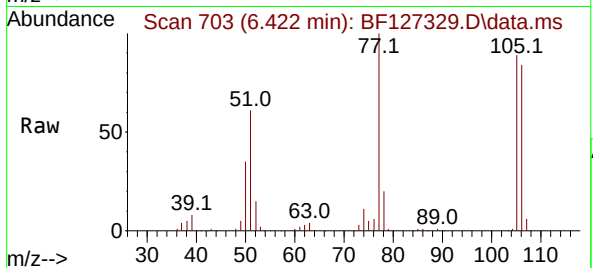
64 62.5 35.6 75.6





#9
Benzaldehyde
Concen: 44.644 ng
RT: 6.422 min Scan# 704
Delta R.T. -0.006 min
Lab File: BF127329.D
Acq: 15 Mar 2022 17:35

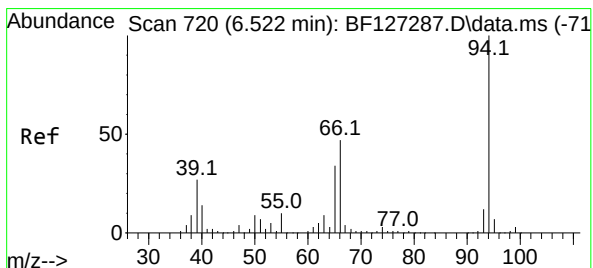
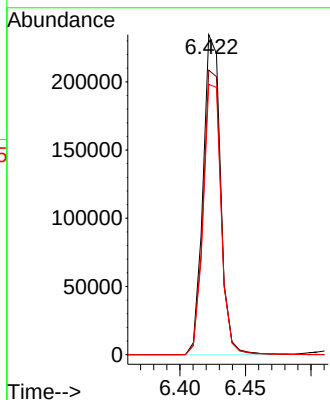
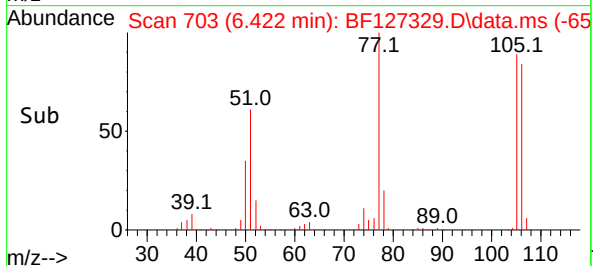
Instrument :
BNA_F
ClientSampleId :
PB143346BS



Tgt Ion: 77 Resp: 218536
Ion Ratio Lower Upper
77 100
105 88.9 74.9 114.9
106 84.5 72.4 112.4

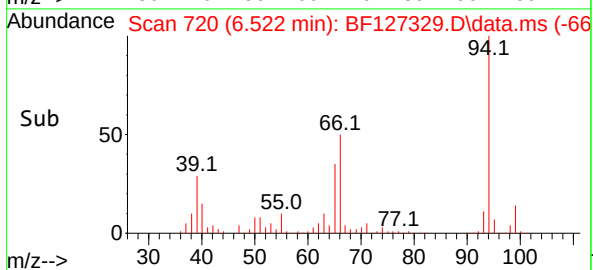
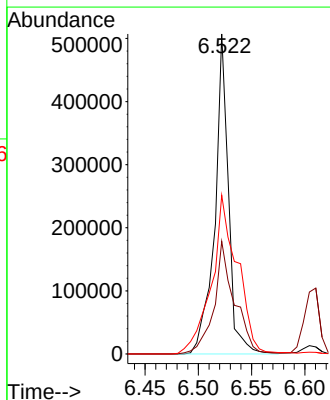
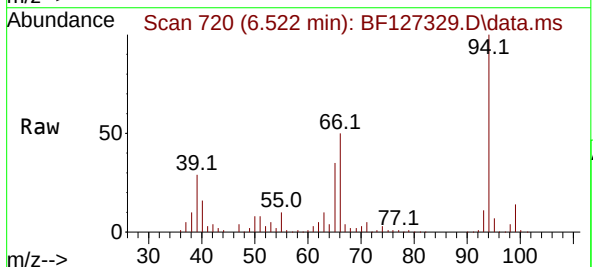
Manual Integrations
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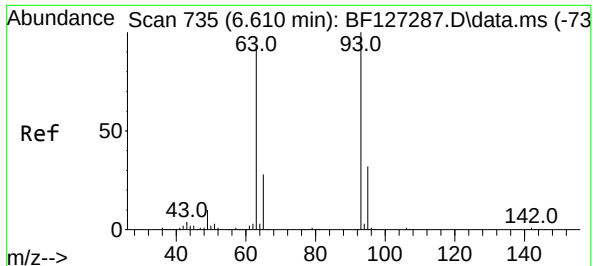
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#10
Phenol
Concen: 42.828 ng
RT: 6.522 min Scan# 720
Delta R.T. -0.000 min
Lab File: BF127329.D
Acq: 15 Mar 2022 17:35

Tgt Ion: 94 Resp: 454085
Ion Ratio Lower Upper
94 100
65 35.2 7.2 47.2
66 49.6 14.5 54.5





#11

bis(2-Chloroethyl)ether

Concen: 47.086 ng

RT: 6.610 min Scan# 735

Delta R.T. -0.000 min

Lab File: BF127329.D

Acq: 15 Mar 2022 17:35

Instrument :

BNA_F

ClientSampleId :

PB143346BS

Tgt Ion: 93 Resp: 37073

Ion Ratio Lower Upper

93 100

63 87.6 60.5 100.5

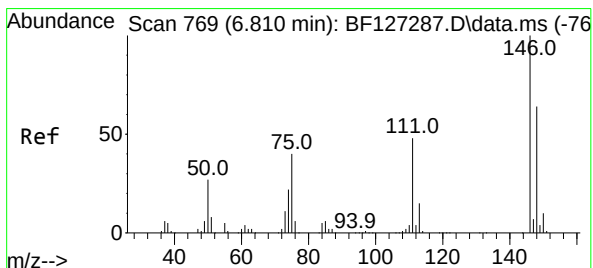
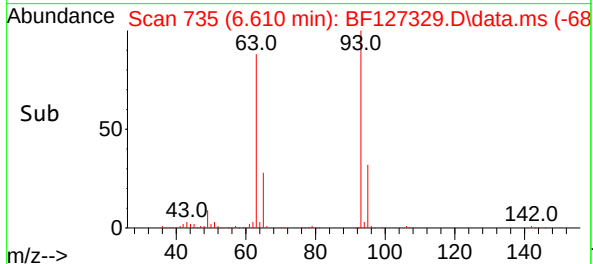
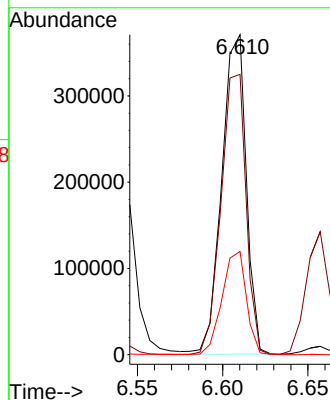
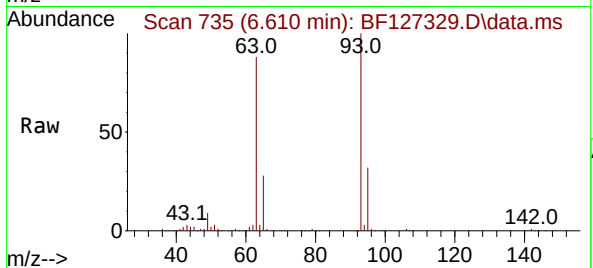
95 32.3 12.9 52.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/16/2022

Supervised By :Jagrut Upadhyay 03/16/2022



#12

1,3-Dichlorobenzene

Concen: 44.016 ng

RT: 6.810 min Scan# 769

Delta R.T. -0.000 min

Lab File: BF127329.D

Acq: 15 Mar 2022 17:35

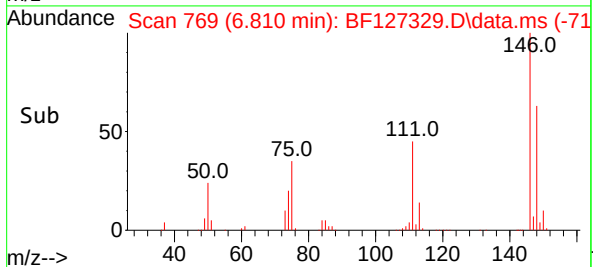
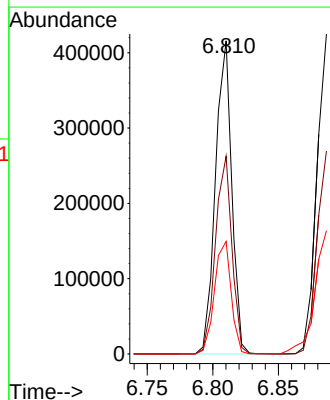
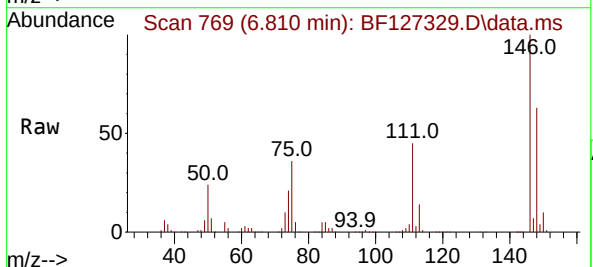
Tgt Ion:146 Resp: 358620

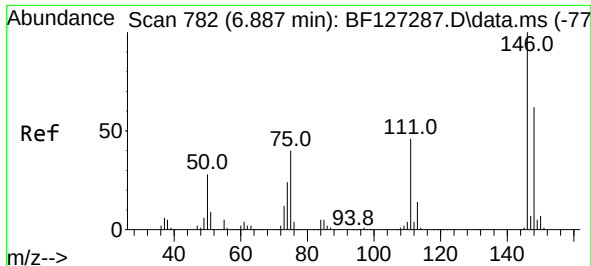
Ion Ratio Lower Upper

146 100

148 63.1 50.9 76.3

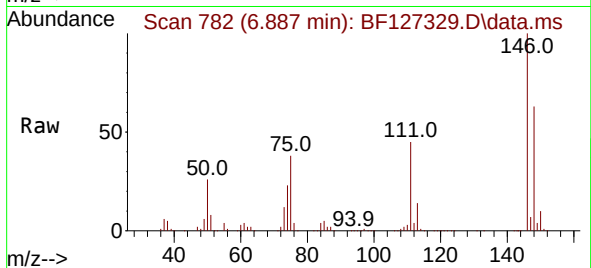
75 35.9 28.4 42.6





#13
1,4-Dichlorobenzene
Concen: 44.406 ng
RT: 6.887 min Scan# 782
Delta R.T. -0.000 min
Lab File: BF127329.D
Acq: 15 Mar 2022 17:35

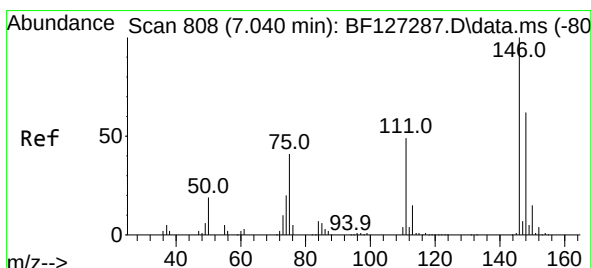
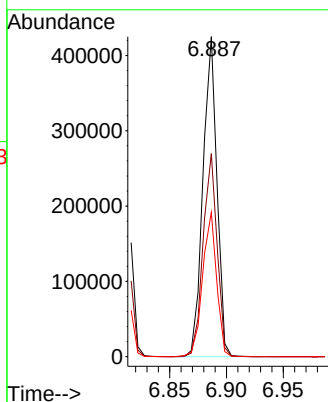
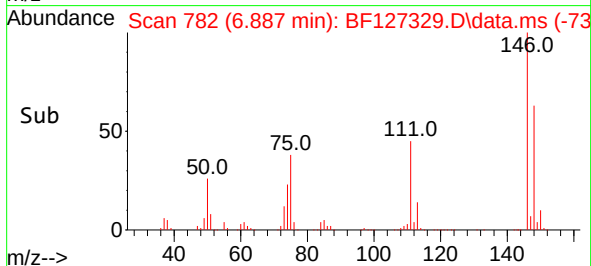
Instrument :
BNA_F
ClientSampleId :
PB143346BS



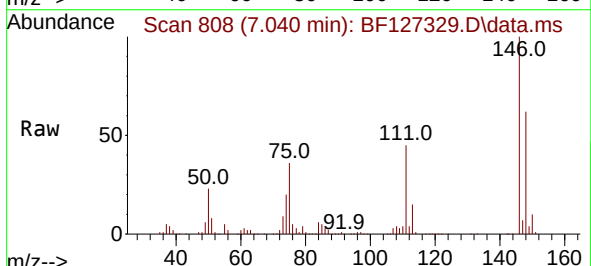
Tgt Ion:146 Resp: 36295
Ion Ratio Lower Upper
146 100
148 63.4 49.8 74.6
111 45.1 36.1 54.1

Manual Integrations
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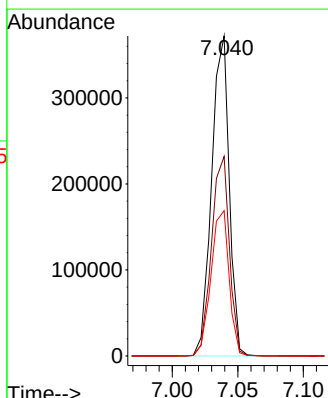
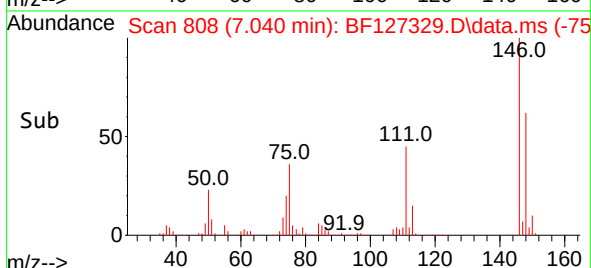
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

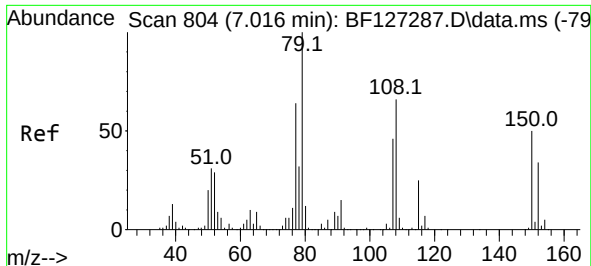


#14
1,2-Dichlorobenzene
Concen: 45.013 ng
RT: 7.040 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF127329.D
Acq: 15 Mar 2022 17:35



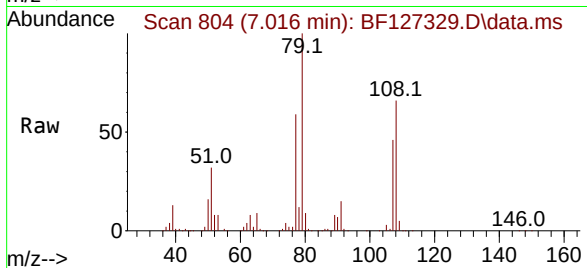
Tgt Ion:146 Resp: 346271
Ion Ratio Lower Upper
146 100
148 62.4 51.6 77.4
111 45.4 40.2 60.2





#15
Benzyl Alcohol
Concen: 46.639 ng
RT: 7.016 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF127329.D
Acq: 15 Mar 2022 17:35

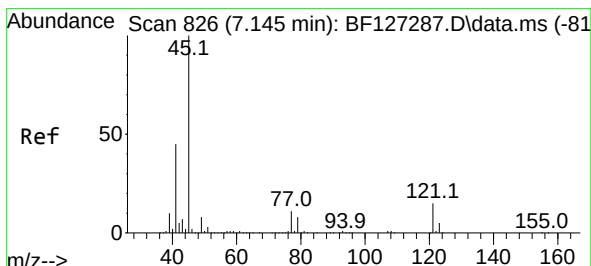
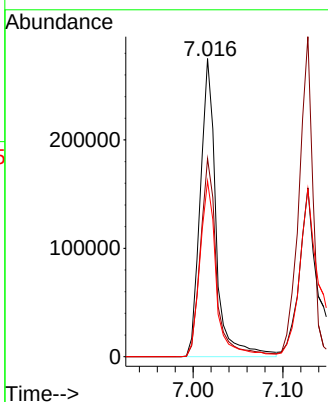
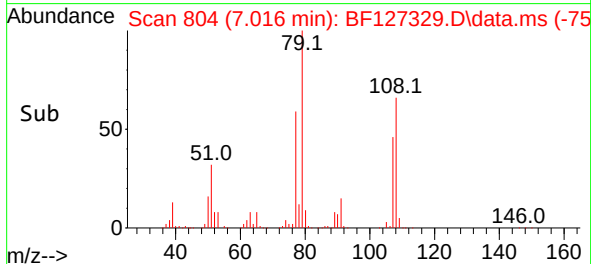
Instrument :
BNA_F
ClientSampleId :
PB143346BS



Tgt Ion: 79 Resp: 337400
Ion Ratio Lower Upper
79 100
108 66.5 63.2 94.8
77 58.9 49.4 74.2

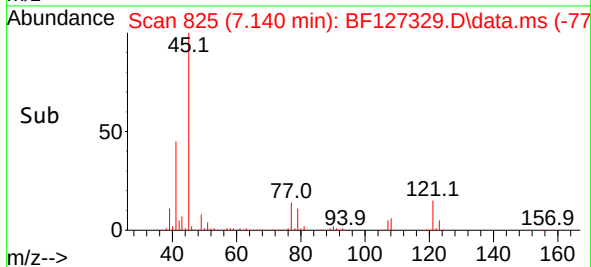
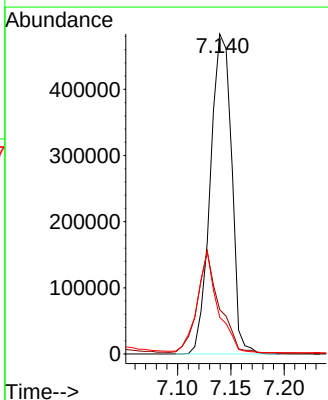
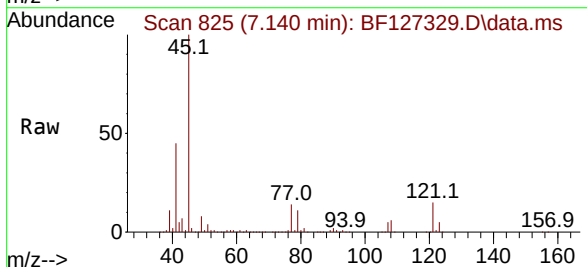
Manual Integrations
APPROVED

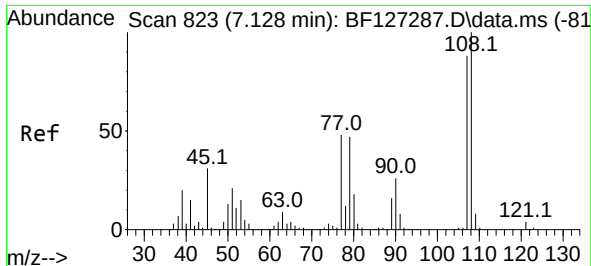
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.269 ng
RT: 7.140 min Scan# 825
Delta R.T. -0.006 min
Lab File: BF127329.D
Acq: 15 Mar 2022 17:35

Tgt Ion: 45 Resp: 668886
Ion Ratio Lower Upper
45 100
77 13.9 0.0 32.4
79 11.5 0.0 29.8





#17

2-Methylphenol

Concen: 45.938 ng

RT: 7.128 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF127329.D

Acq: 15 Mar 2022 17:35

Instrument :

BNA_F

ClientSampleId :

PB143346BS

Tgt Ion:107 Resp: 28345

Ion Ratio Lower Upper

107 100

108 113.7 93.4 140.0

77 59.6 36.1 54.1

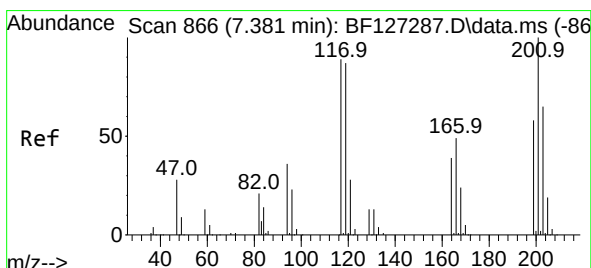
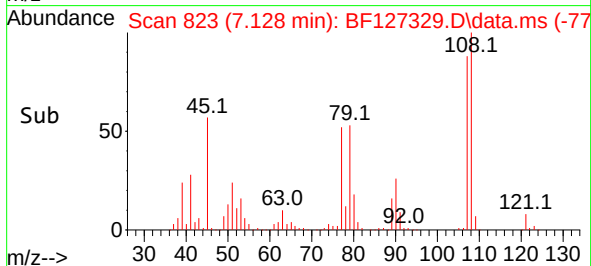
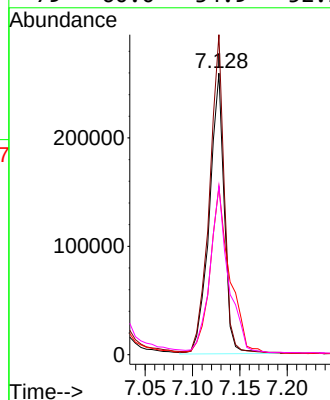
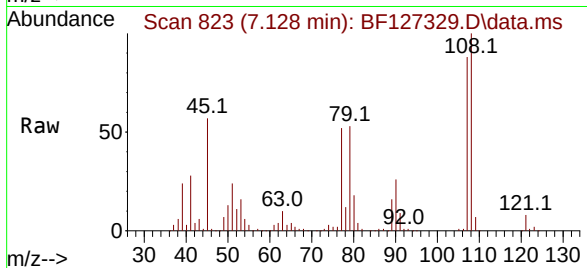
79 60.0 34.9 52.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/16/2022

Supervised By :Jagrut Upadhyay 03/16/2022



#18

Hexachloroethane

Concen: 45.481 ng

RT: 7.375 min Scan# 865

Delta R.T. -0.006 min

Lab File: BF127329.D

Acq: 15 Mar 2022 17:35

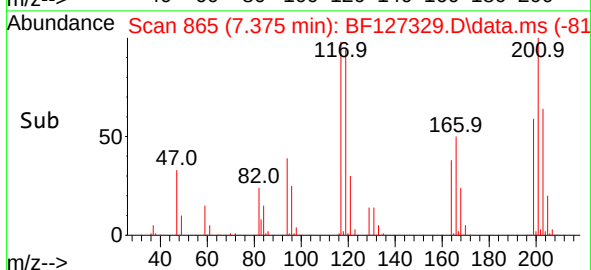
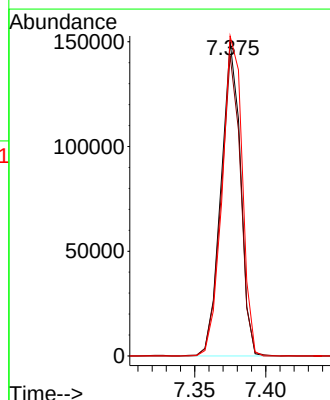
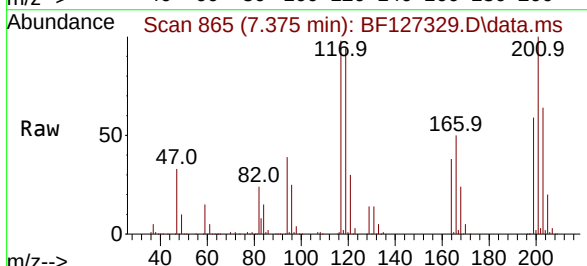
Tgt Ion:117 Resp: 142800

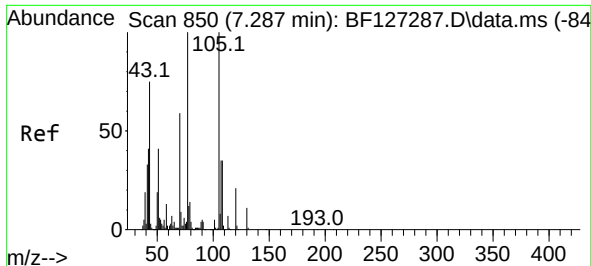
Ion Ratio Lower Upper

117 100

119 95.6 75.4 113.0

201 101.8 56.8 85.2





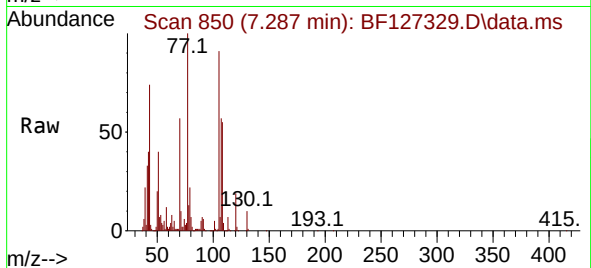
#19
n-Nitroso-di-n-propylamine
Concen: 45.389 ng
RT: 7.287 min Scan# 850
Delta R.T. -0.000 min
Lab File: BF127329.D
Acq: 15 Mar 2022 17:35

Instrument :

BNA_F

ClientSampleId :

PB143346BS

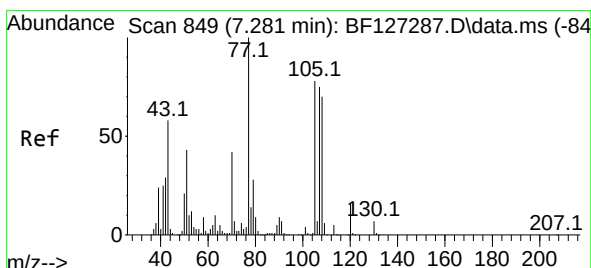
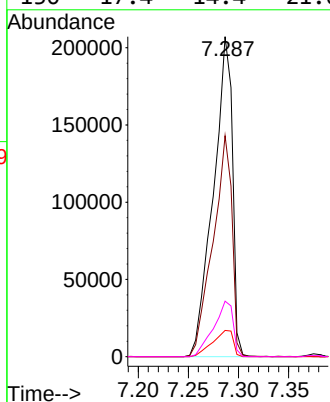
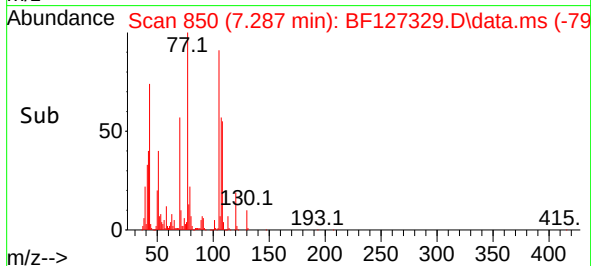


Tgt Ion: 70 Resp: 273379
Ion Ratio Lower Upper
70 100
42 69.0 45.8 68.8
101 8.2 6.9 10.3
130 17.4 14.4 21.6

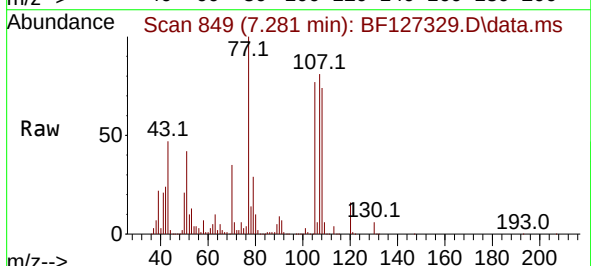
Manual Integrations

APPROVED

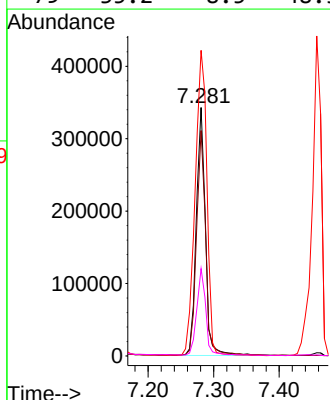
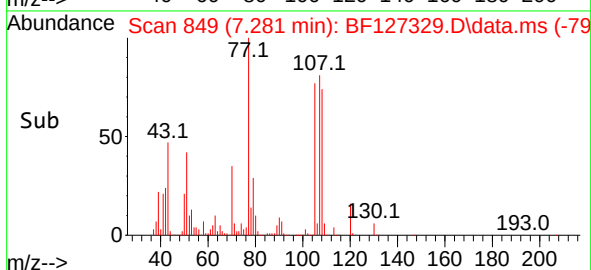
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

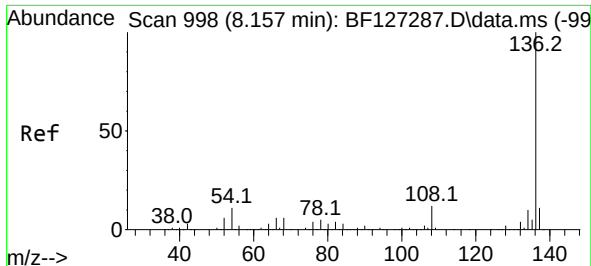


#20
3+4-Methylphenols
Concen: 41.499 ng
RT: 7.281 min Scan# 849
Delta R.T. -0.000 min
Lab File: BF127329.D
Acq: 15 Mar 2022 17:35



Tgt Ion:107 Resp: 332080
Ion Ratio Lower Upper
107 100
108 90.7 72.4 112.4
77 123.0 83.8 123.8
79 35.2 8.5 48.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF127329.D
Acq: 15 Mar 2022 17:35

Instrument :

BNA_F

ClientSampleId :

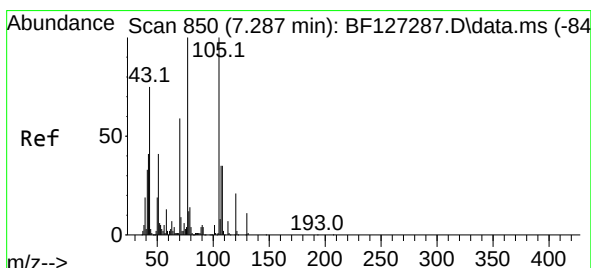
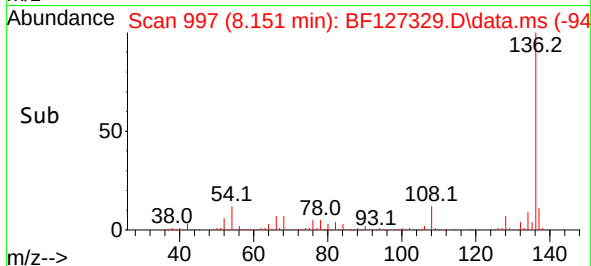
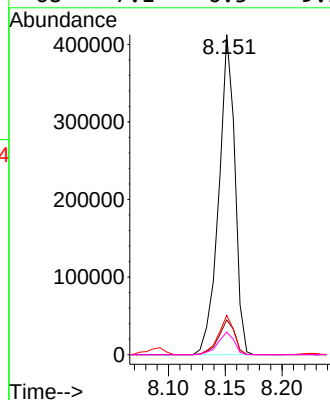
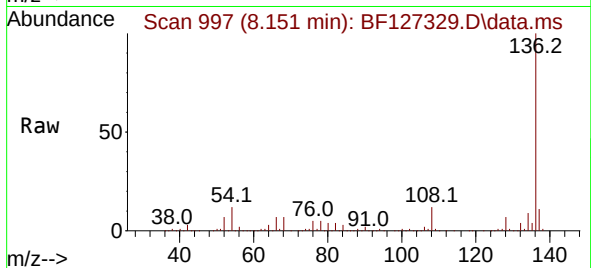
PB143346BS

Tgt Ion:136 Resp: 407183
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 12.3 7.8 11.6
68 7.1 6.3 9.5

Manual Integrations

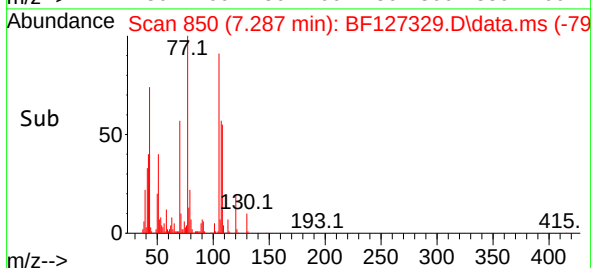
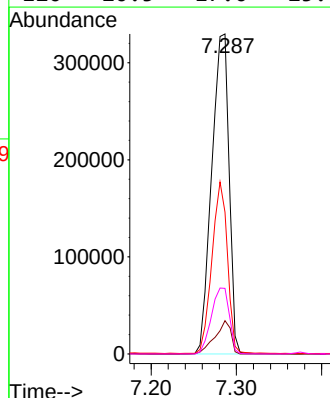
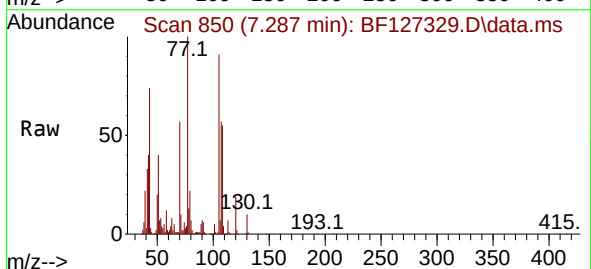
APPROVED

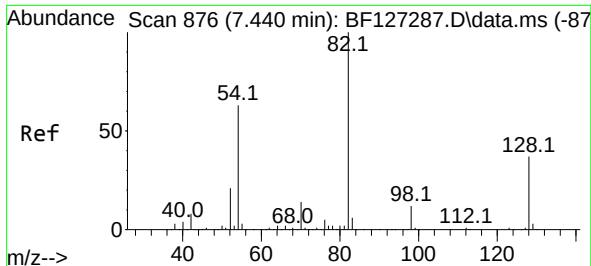
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#22
Acetophenone
Concen: 41.787 ng
RT: 7.287 min Scan# 850
Delta R.T. -0.000 min
Lab File: BF127329.D
Acq: 15 Mar 2022 17:35

Tgt Ion:105 Resp: 465864
Ion Ratio Lower Upper
105 100
71 10.4 5.4 8.0#
51 44.3 27.4 41.0#
120 20.5 17.0 25.6





#23

Nitrobenzene-d5

Concen: 82.709 ng

RT: 7.440 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF127329.D

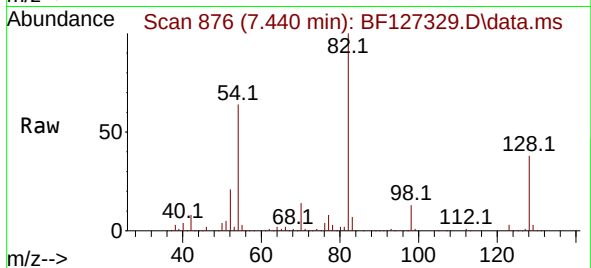
Acq: 15 Mar 2022 17:35

Instrument :

BNA_F

ClientSampleId :

PB143346BS



Tgt Ion: 82 Resp: 815479

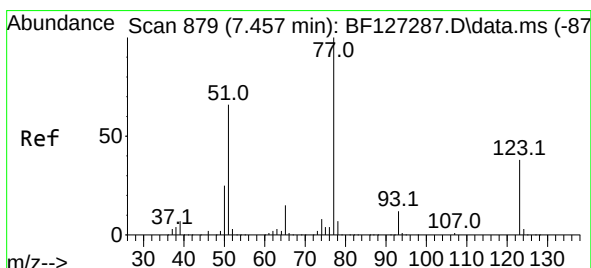
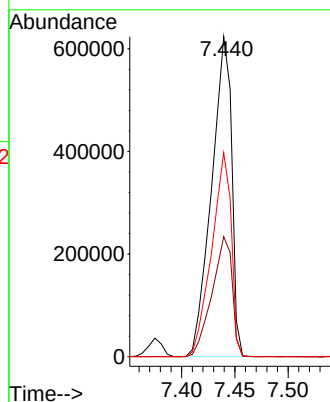
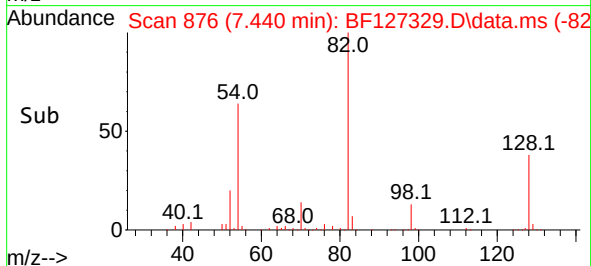
Ion	Ratio	Lower	Upper
82	100		
128	37.5	32.7	49.1
54	63.7	41.7	62.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/16/2022

Supervised By :Jagrut Upadhyay 03/16/2022



#24

Nitrobenzene

Concen: 45.325 ng

RT: 7.457 min Scan# 879

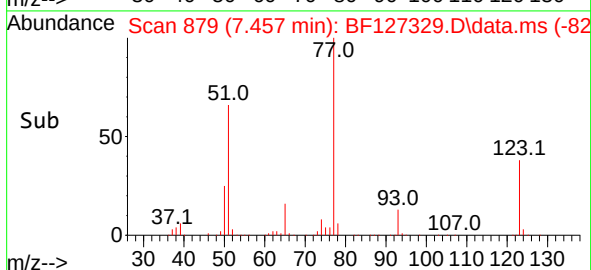
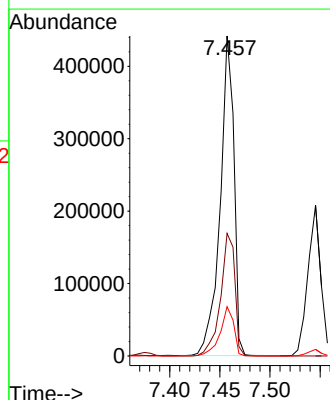
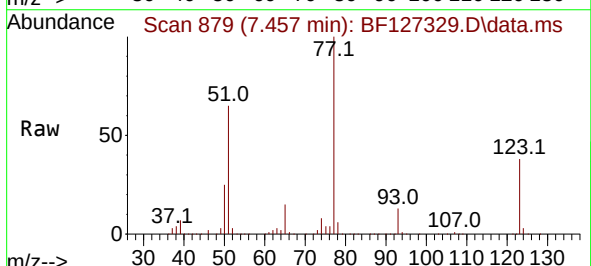
Delta R.T. -0.000 min

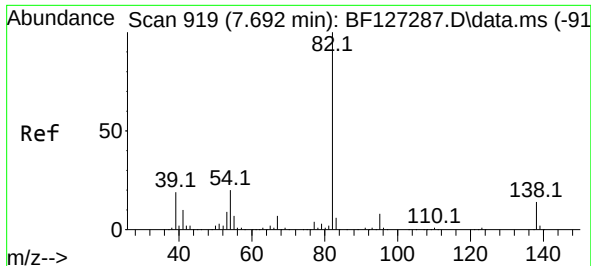
Lab File: BF127329.D

Acq: 15 Mar 2022 17:35

Tgt Ion: 77 Resp: 422675

Ion	Ratio	Lower	Upper
77	100		
123	38.3	34.6	52.0
65	15.4	10.6	15.8





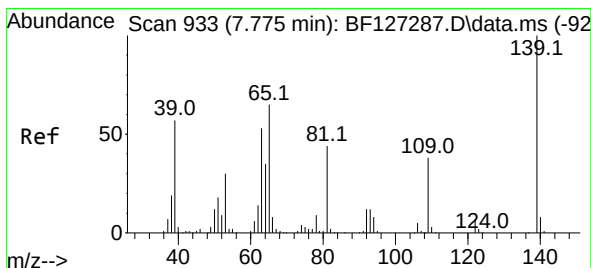
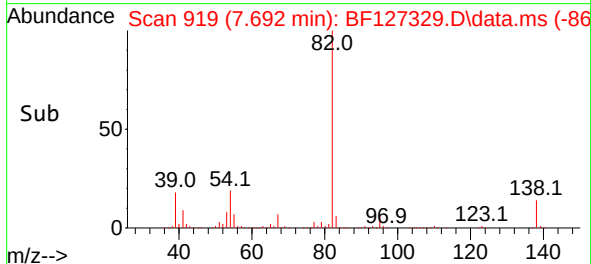
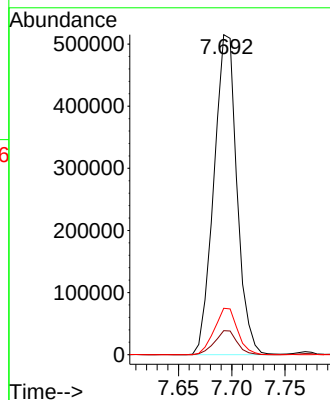
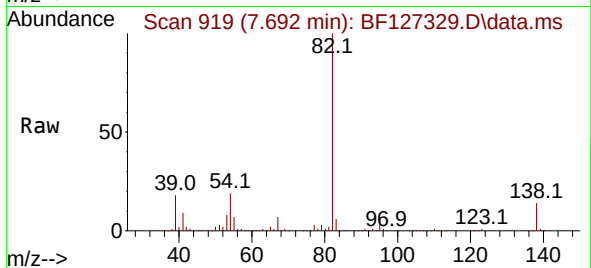
#25
Isophorone
Concen: 48.793 ng
RT: 7.692 min Scan# 919
Delta R.T. -0.000 min
Lab File: BF127329.D
Acq: 15 Mar 2022 17:35

Instrument :
BNA_F
Client Sample Id :
PB143346BS

Tgt Ion: 82 Resp: 77355
Ion Ratio Lower Upper
82 100
95 7.5 5.0 7.4
138 14.5 12.3 18.5

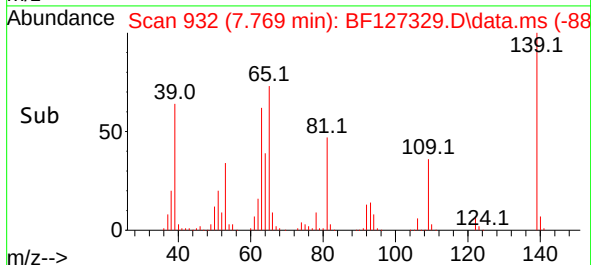
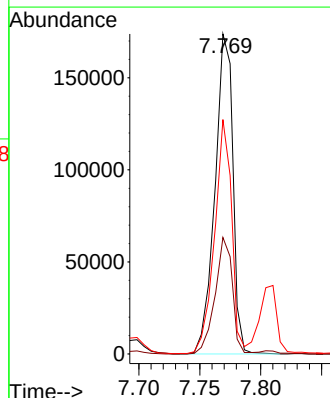
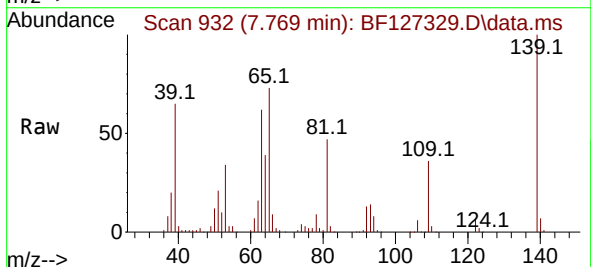
Manual Integrations
APPROVED

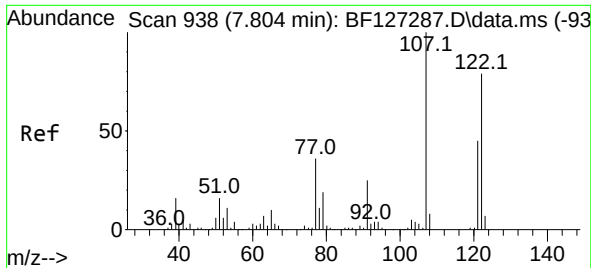
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#26
2-Nitrophenol
Concen: 46.152 ng
RT: 7.769 min Scan# 932
Delta R.T. -0.006 min
Lab File: BF127329.D
Acq: 15 Mar 2022 17:35

Tgt Ion:139 Resp: 178233
Ion Ratio Lower Upper
139 100
109 36.4 20.0 30.0#
65 73.2 40.8 61.2#





#27
2,4-Dimethylphenol
Concen: 51.842 ng m
RT: 7.810 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF127329.D
Acq: 15 Mar 2022 17:35

Instrument :

BNA_F

ClientSampleId :

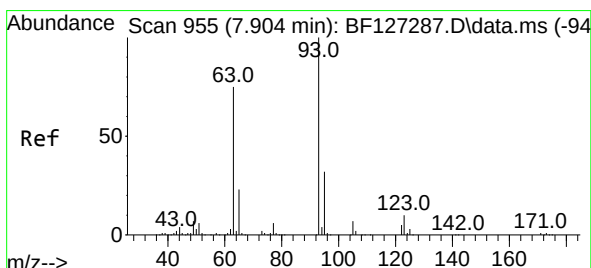
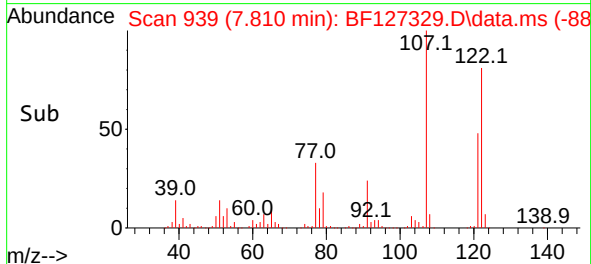
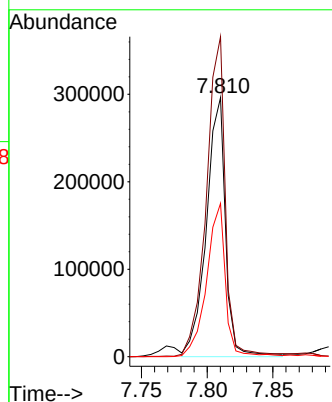
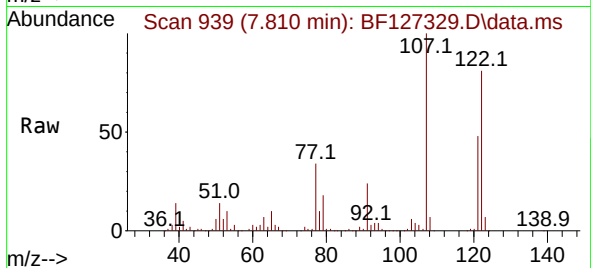
PB143346BS

Tgt Ion:122 Resp: 30054
Ion Ratio Lower Upper
122 100
107 123.5 91.2 136.8
121 59.2 44.4 66.6

Manual Integrations

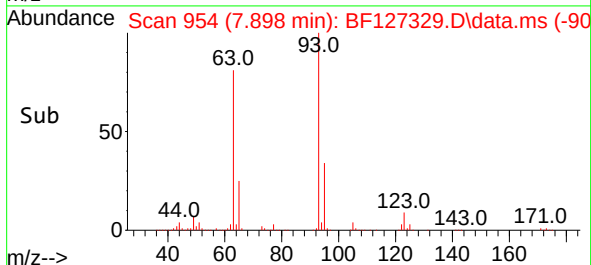
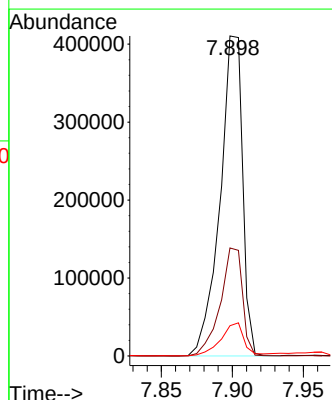
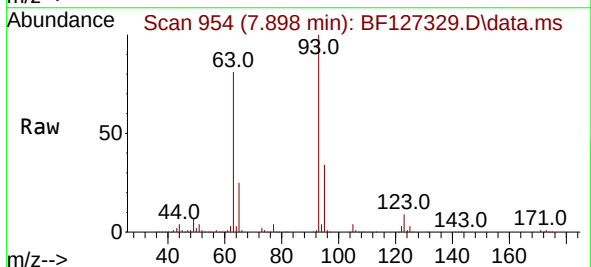
APPROVED

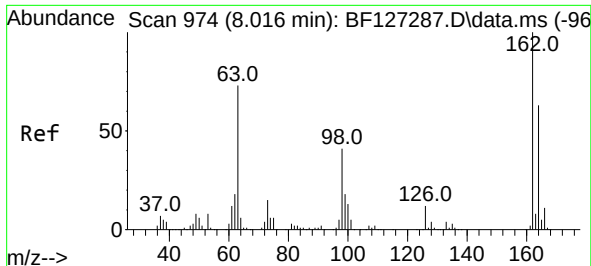
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#28
bis(2-Chloroethoxy)methane
Concen: 45.146 ng
RT: 7.898 min Scan# 954
Delta R.T. -0.006 min
Lab File: BF127329.D
Acq: 15 Mar 2022 17:35

Tgt Ion: 93 Resp: 453515
Ion Ratio Lower Upper
93 100
95 33.7 25.4 38.2
123 9.5 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 45.339 ng

RT: 8.016 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF127329.D

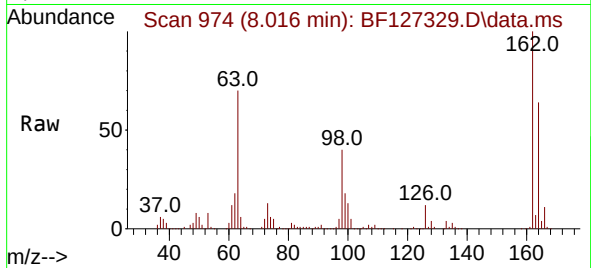
Acq: 15 Mar 2022 17:35

Instrument :

BNA_F

ClientSampleId :

PB143346BS



Tgt Ion:162 Resp: 301019

Ion Ratio Lower Upper

162 100

164 63.7 43.8 83.8

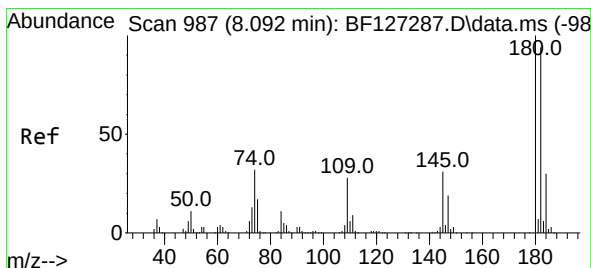
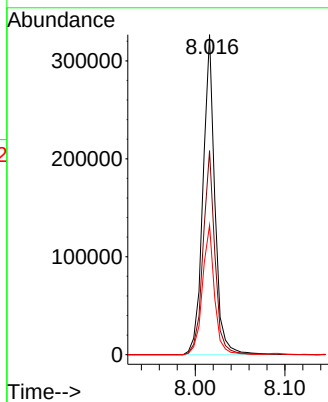
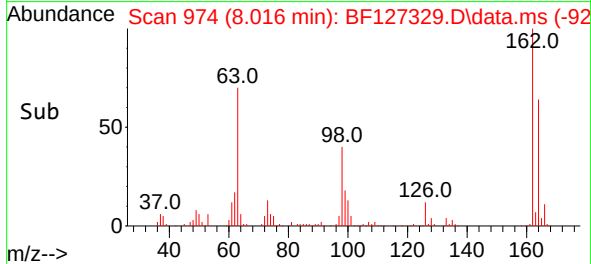
98 40.5 23.6 63.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/16/2022

Supervised By :Jagrut Upadhyay 03/16/2022



#30

1,2,4-Trichlorobenzene

Concen: 44.388 ng

RT: 8.092 min Scan# 987

Delta R.T. -0.000 min

Lab File: BF127329.D

Acq: 15 Mar 2022 17:35

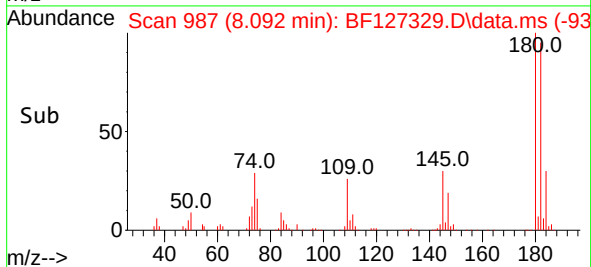
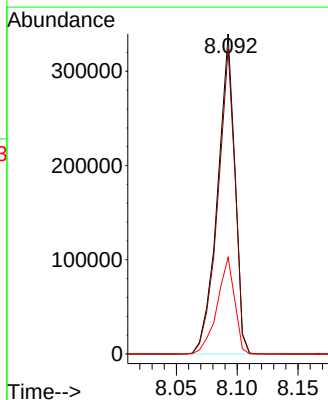
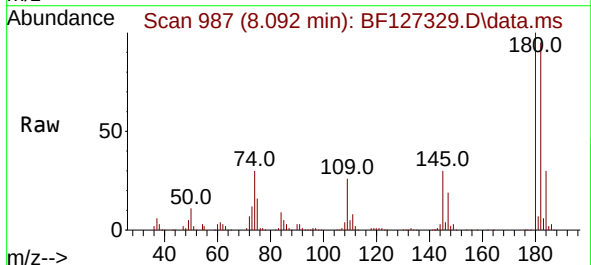
Tgt Ion:180 Resp: 335971

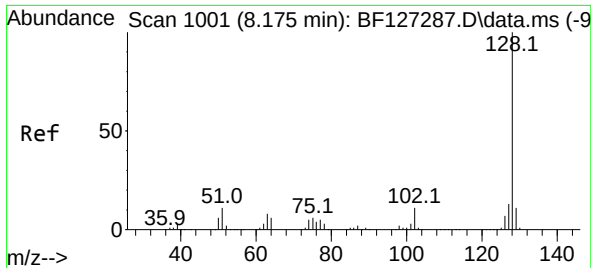
Ion Ratio Lower Upper

180 100

182 95.4 75.5 113.3

145 30.2 26.2 39.2





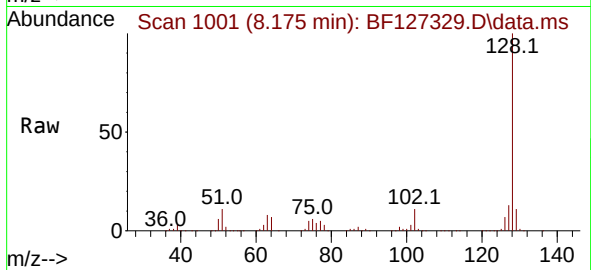
#31
Naphthalene
Concen: 45.042 ng
RT: 8.175 min Scan# 1001
Delta R.T. -0.000 min
Lab File: BF127329.D
Acq: 15 Mar 2022 17:35

Instrument :

BNA_F

ClientSampleId :

PB143346BS

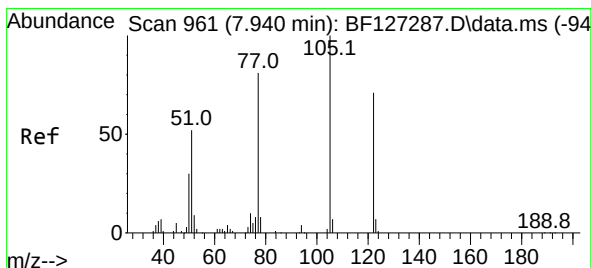
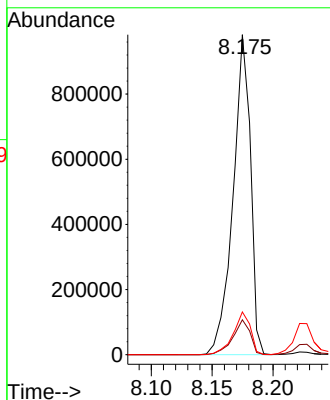
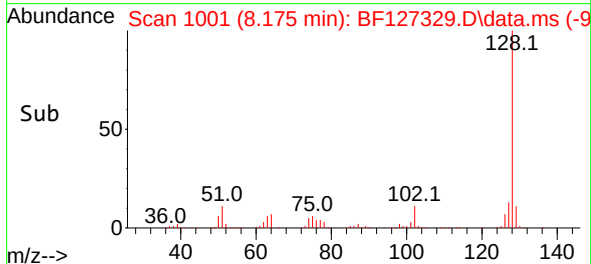


Tgt Ion:128 Resp: 978354
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.3 10.3 15.5

Manual Integrations

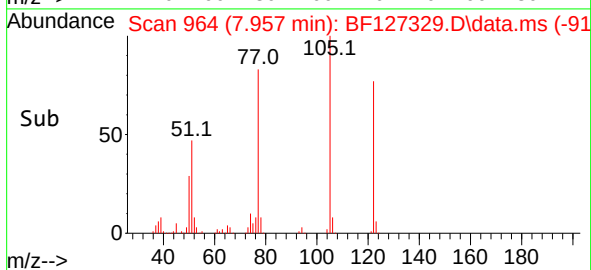
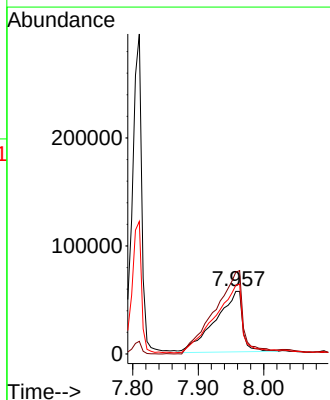
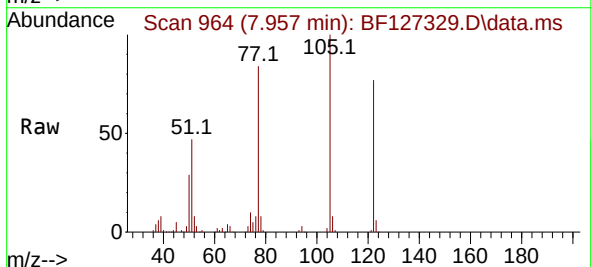
APPROVED

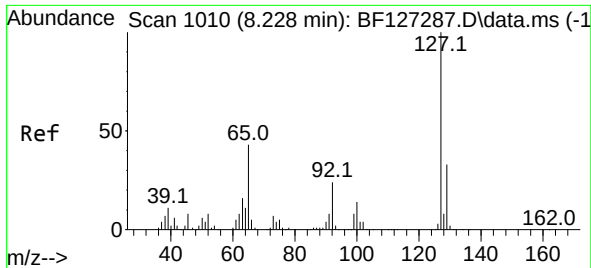
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#32
Benzoic acid
Concen: 41.702 ng
RT: 7.957 min Scan# 964
Delta R.T. 0.017 min
Lab File: BF127329.D
Acq: 15 Mar 2022 17:35

Tgt Ion:122 Resp: 163979
Ion Ratio Lower Upper
122 100
105 130.5 101.0 141.0
77 109.5 74.5 114.5





#33
4-Chloroaniline
Concen: 14.727 ng
RT: 8.222 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF127329.D
Acq: 15 Mar 2022 17:35

Instrument :

BNA_F

ClientSampleId :

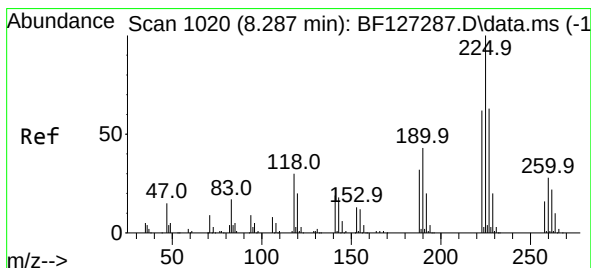
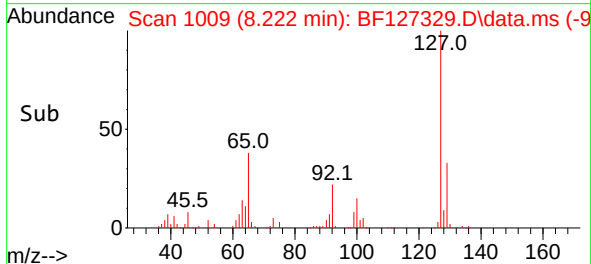
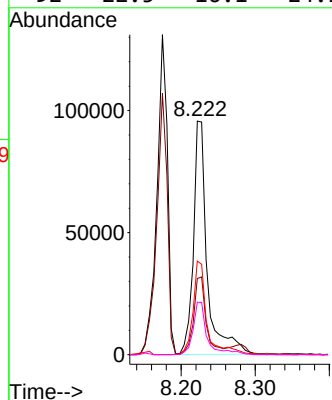
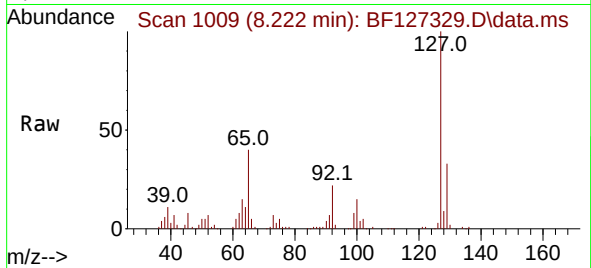
PB143346BS

Tgt Ion:127 Resp: 123992
Ion Ratio Lower Upper
127 100
129 32.6 26.5 39.7
65 40.1 26.6 39.8
92 22.5 16.1 24.1

Manual Integrations

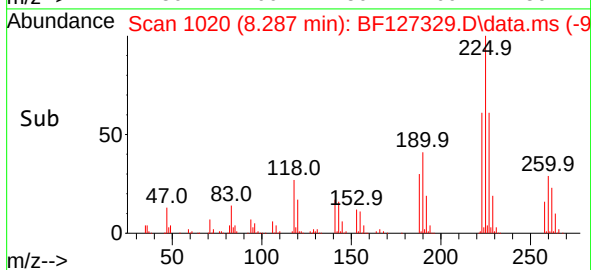
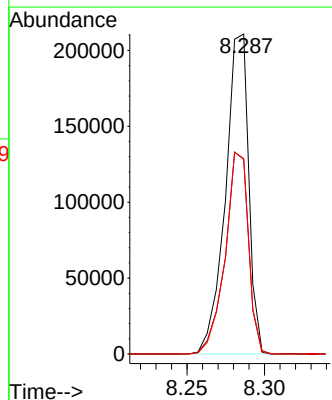
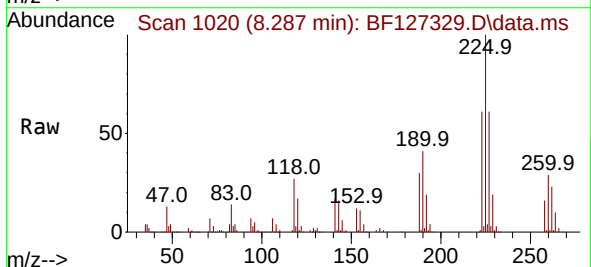
APPROVED

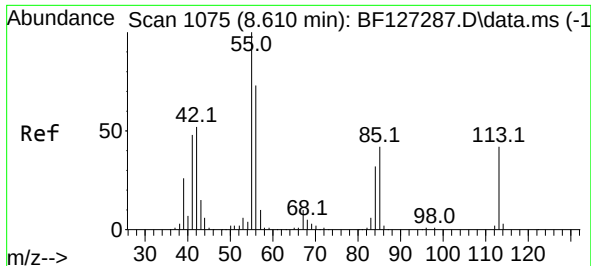
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#34
Hexachlorobutadiene
Concen: 43.677 ng
RT: 8.287 min Scan# 1020
Delta R.T. -0.000 min
Lab File: BF127329.D
Acq: 15 Mar 2022 17:35

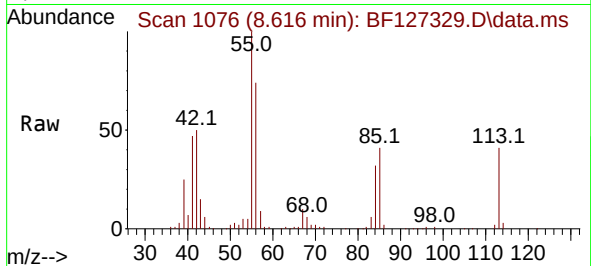
Tgt Ion:225 Resp: 220453
Ion Ratio Lower Upper
225 100
223 60.8 48.6 73.0
227 61.1 51.4 77.0





#35
 Caprolactam
 Concen: 44.207 ng m
 RT: 8.616 min Scan# 1075
 Delta R.T. 0.006 min
 Lab File: BF127329.D
 Acq: 15 Mar 2022 17:35

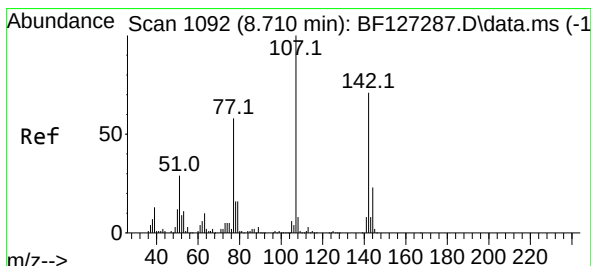
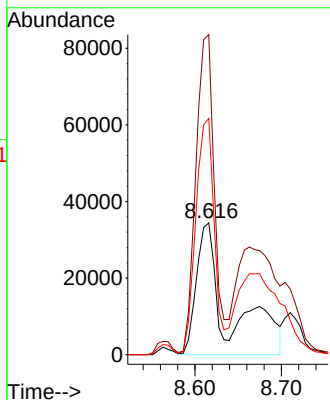
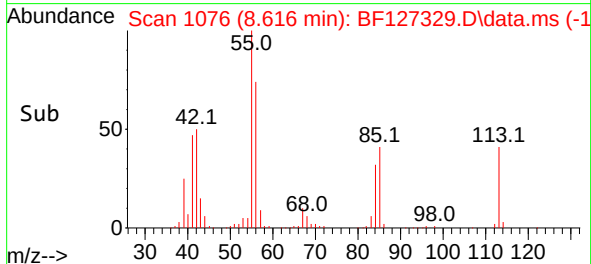
Instrument :
 BNA_F
 ClientSampleId :
 PB143346BS



Tgt Ion:113 Resp: 87679
 Ion Ratio Lower Upper
 113 100
 55 242.7 183.9 223.9
 56 179.3 129.9 169.9

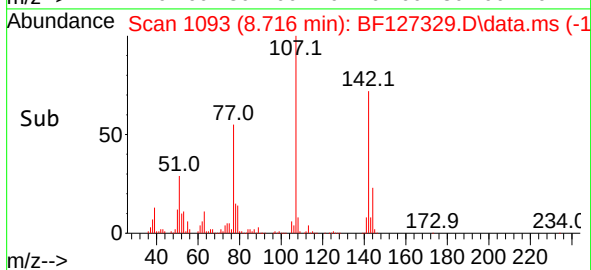
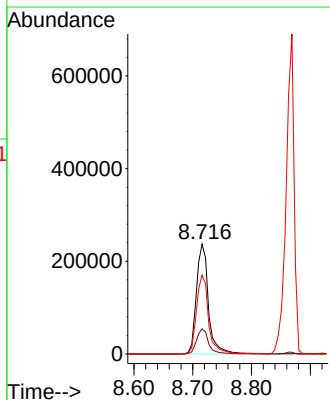
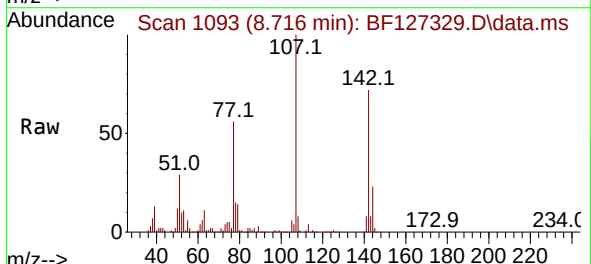
Manual Integrations
 APPROVED

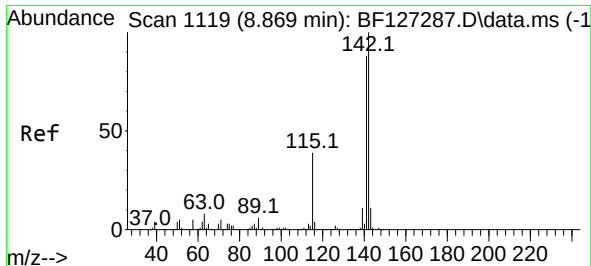
Reviewed By :Christian Giraldo 03/16/2022
 Supervised By :Jagrut Upadhyay 03/16/2022



#36
 4-Chloro-3-methylphenol
 Concen: 47.024 ng
 RT: 8.716 min Scan# 1093
 Delta R.T. 0.006 min
 Lab File: BF127329.D
 Acq: 15 Mar 2022 17:35

Tgt Ion:107 Resp: 338378
 Ion Ratio Lower Upper
 107 100
 144 22.9 18.5 27.7
 142 71.8 58.1 87.1





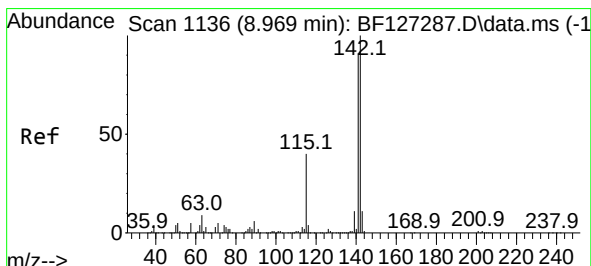
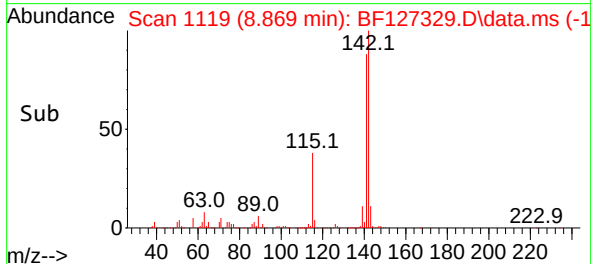
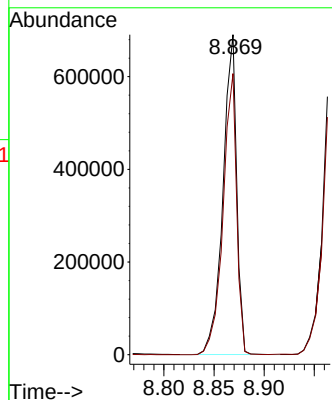
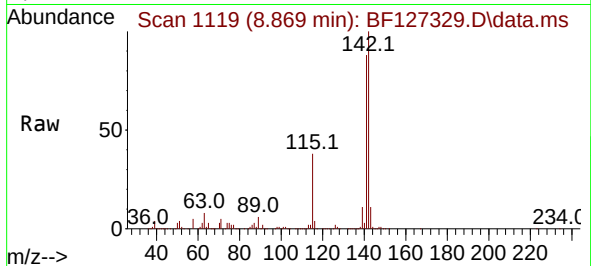
#37
2-Methylnaphthalene
Concen: 46.032 ng
RT: 8.869 min Scan# 1119
Delta R.T. -0.000 min
Lab File: BF127329.D
Acq: 15 Mar 2022 17:35

Instrument :
BNA_F
ClientSampleId :
PB143346BS

Tgt Ion:142 Resp: 65331
Ion Ratio Lower Upper
142 100
141 87.9 68.6 102.8

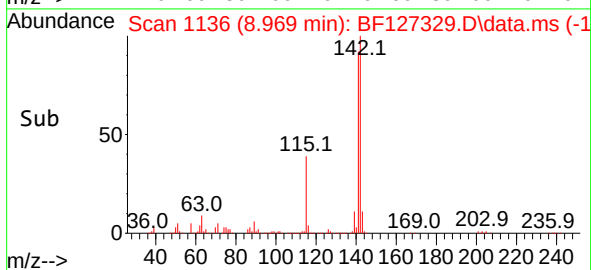
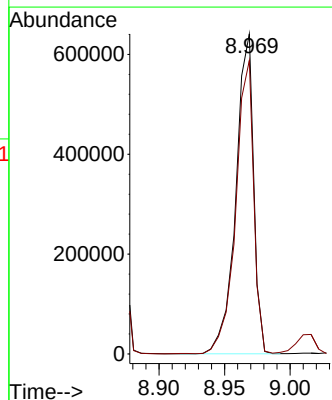
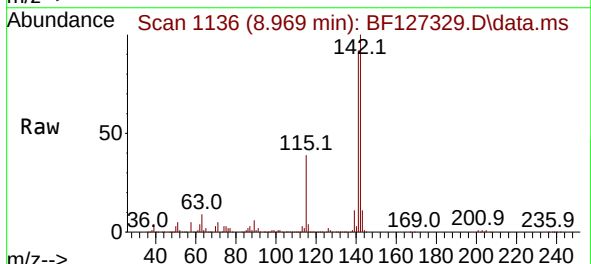
Manual Integrations
APPROVED

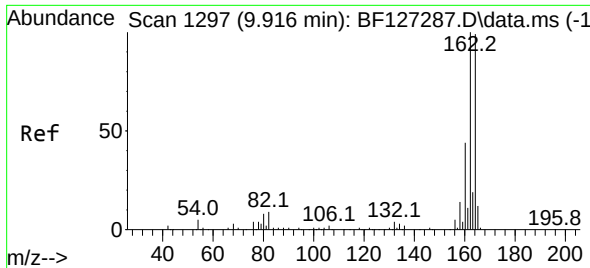
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#38
1-Methylnaphthalene
Concen: 44.401 ng
RT: 8.969 min Scan# 1136
Delta R.T. -0.000 min
Lab File: BF127329.D
Acq: 15 Mar 2022 17:35

Tgt Ion:142 Resp: 605816
Ion Ratio Lower Upper
142 100
141 91.7 72.1 108.1





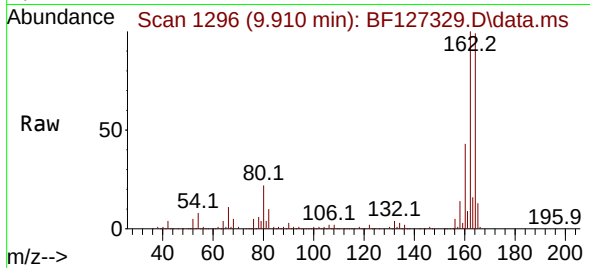
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BF127329.D
Acq: 15 Mar 2022 17:35

Instrument :

BNA_F

ClientSampleId :

PB143346BS

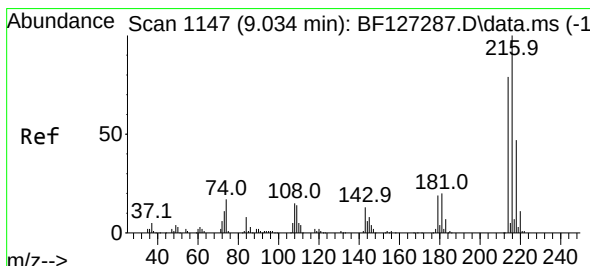
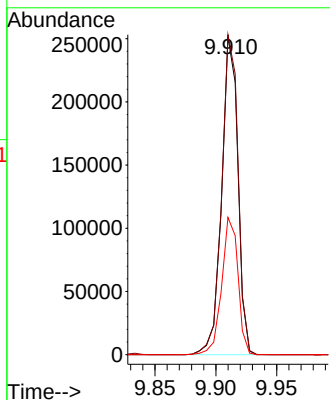
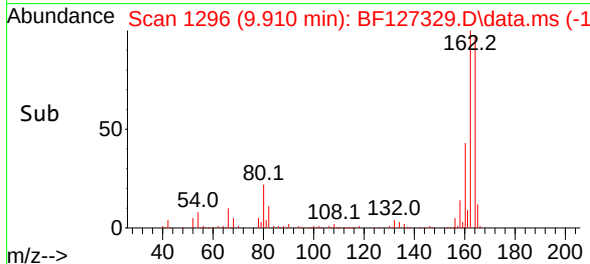


Tgt Ion:164 Resp: 233029
Ion Ratio Lower Upper
164 100
162 100.7 81.4 122.0
160 43.2 36.6 54.8

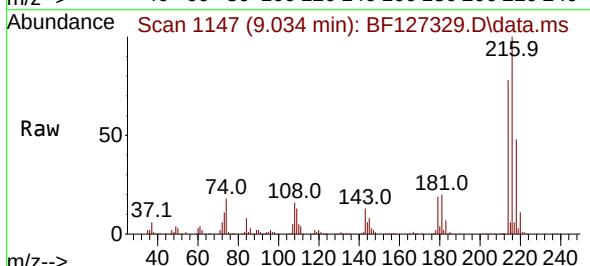
Manual Integrations

APPROVED

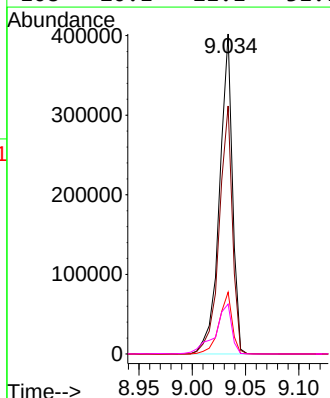
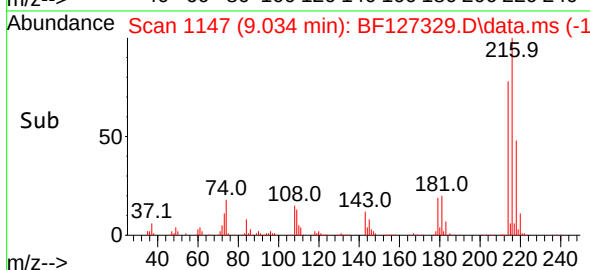
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

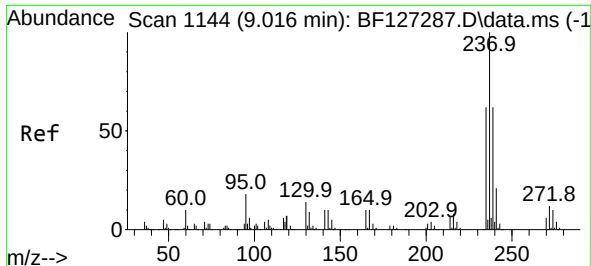


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.916 ng
RT: 9.034 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BF127329.D
Acq: 15 Mar 2022 17:35



Tgt Ion:216 Resp: 338724
Ion Ratio Lower Upper
216 100
214 78.8 64.6 96.8
179 19.3 19.5 29.3#
108 20.1 21.1 31.7#





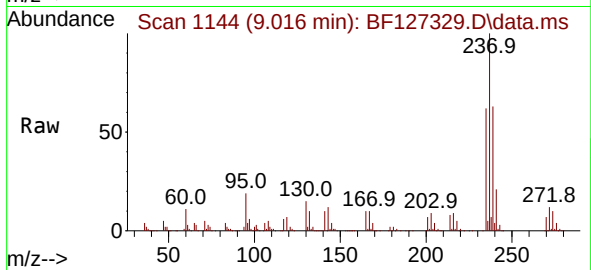
#41
Hexachlorocyclopentadiene
Concen: 114.234 ng
RT: 9.016 min Scan# 1144
Delta R.T. -0.000 min
Lab File: BF127329.D
Acq: 15 Mar 2022 17:35

Instrument :

BNA_F

ClientSampleId :

PB143346BS

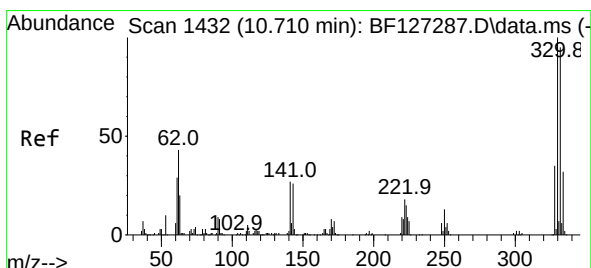
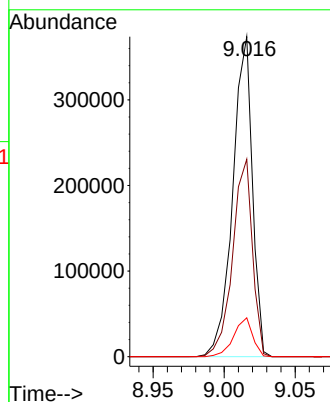
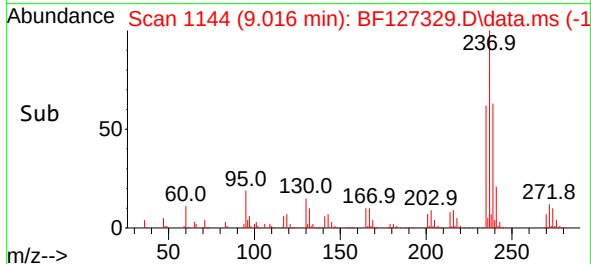


Tgt Ion:237 Resp: 360090
Ion Ratio Lower Upper
237 100
235 61.7 38.9 78.9
272 12.2 0.0 33.5

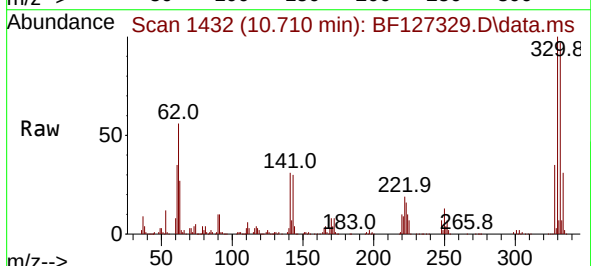
Manual Integrations

APPROVED

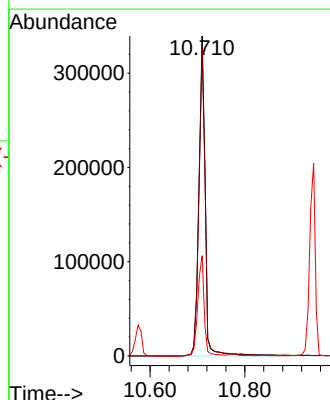
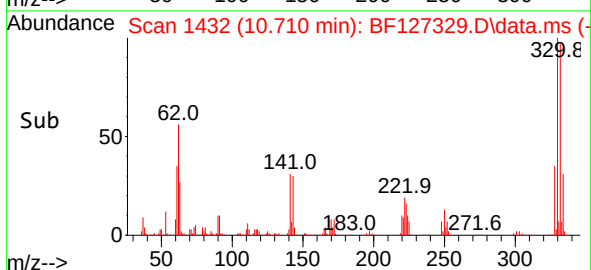
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

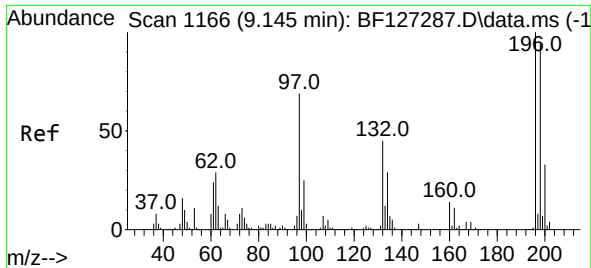


#42
2,4,6-Tribromophenol
Concen: 125.625 ng
RT: 10.710 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF127329.D
Acq: 15 Mar 2022 17:35



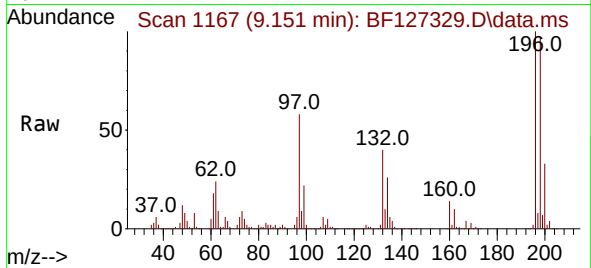
Tgt Ion:330 Resp: 315136
Ion Ratio Lower Upper
330 100
332 97.3 76.0 114.0
141 31.8 30.1 45.1





#43
2,4,6-Trichlorophenol
Concen: 44.731 ng
RT: 9.151 min Scan# 1166
Delta R.T. 0.006 min
Lab File: BF127329.D
Acq: 15 Mar 2022 17:35

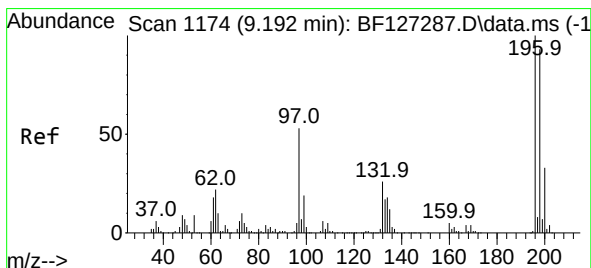
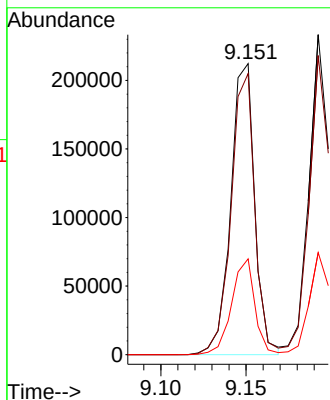
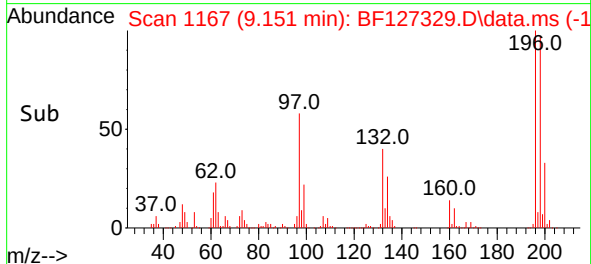
Instrument :
BNA_F
ClientSampleId :
PB143346BS



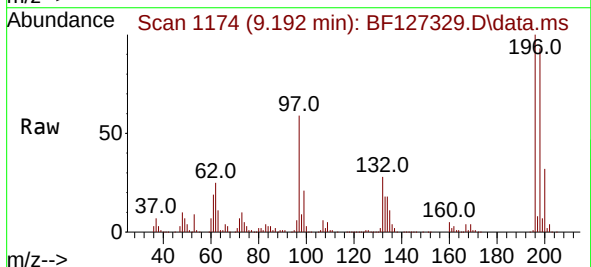
Tgt Ion:196 Resp: 20826
Ion Ratio Lower Upper
196 100
198 96.6 78.5 117.7
200 32.9 24.9 37.3

Manual Integrations
APPROVED

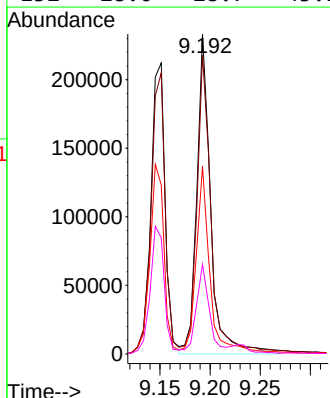
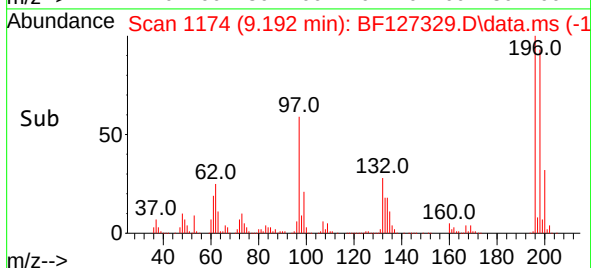
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

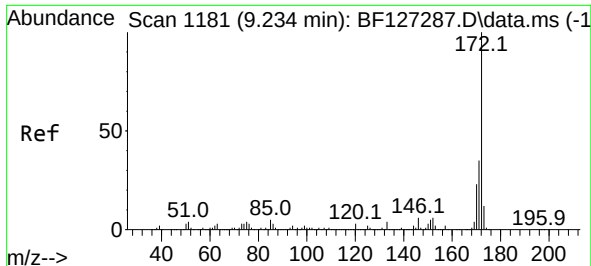


#44
2,4,5-Trichlorophenol
Concen: 45.814 ng m
RT: 9.192 min Scan# 1174
Delta R.T. -0.000 min
Lab File: BF127329.D
Acq: 15 Mar 2022 17:35



Tgt Ion:196 Resp: 226387
Ion Ratio Lower Upper
196 100
198 93.5 82.0 123.0
97 58.7 53.5 80.3
132 28.0 28.7 43.1#





#45

2-Fluorobiphenyl

Concen: 82.018 ng

RT: 9.234 min Scan# 1181

Delta R.T. -0.000 min

Lab File: BF127329.D

Acq: 15 Mar 2022 17:35

Instrument :

BNA_F

ClientSampleId :

PB143346BS

Tgt Ion:172 Resp: 135186

Ion Ratio Lower Upper

172 100

171 34.7 28.3 42.5

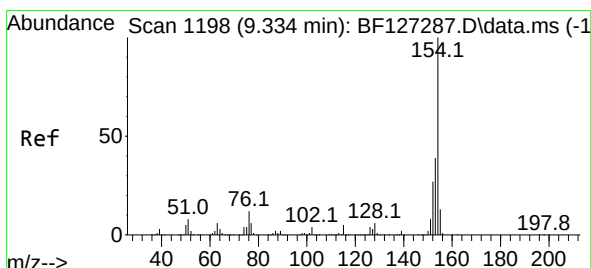
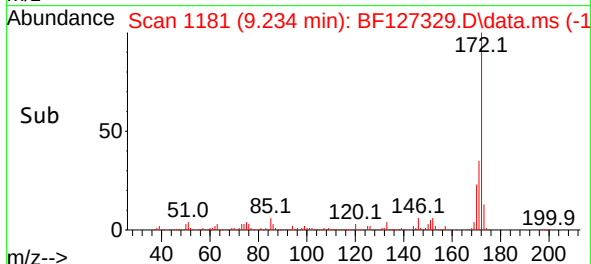
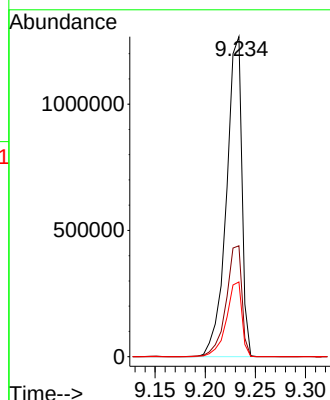
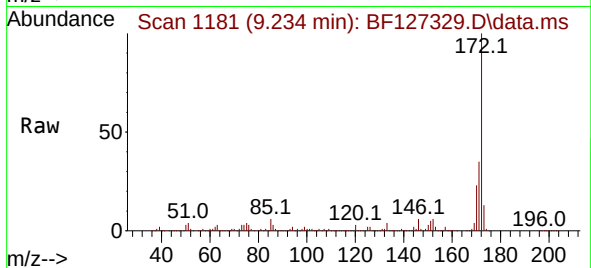
170 23.3 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/16/2022

Supervised By :Jagrut Upadhyay 03/16/2022



#46

1,1'-Biphenyl

Concen: 44.825 ng

RT: 9.334 min Scan# 1198

Delta R.T. -0.000 min

Lab File: BF127329.D

Acq: 15 Mar 2022 17:35

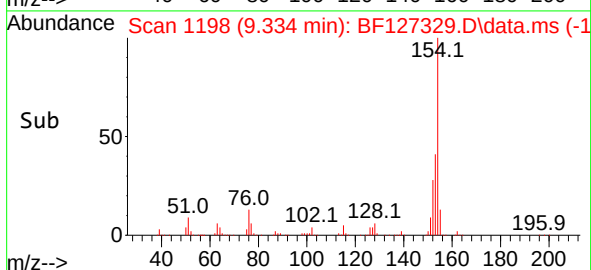
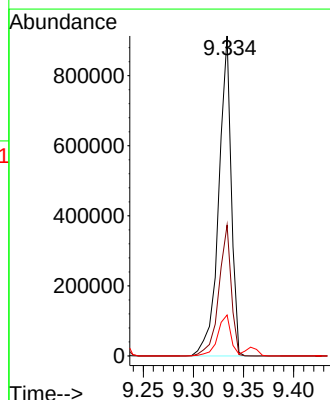
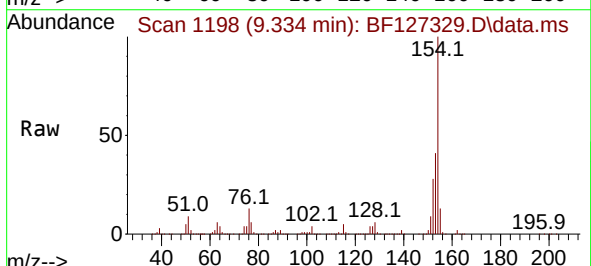
Tgt Ion:154 Resp: 788364

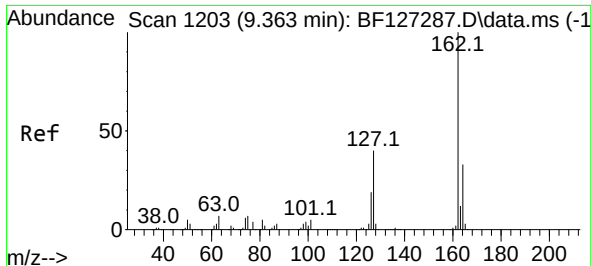
Ion Ratio Lower Upper

154 100

153 40.9 19.0 59.0

76 12.8 0.0 34.5





#47
2-Chloronaphthalene
Concen: 45.141 ng
RT: 9.357 min Scan# 1203
Delta R.T. -0.006 min
Lab File: BF127329.D
Acq: 15 Mar 2022 17:35

Instrument :

BNA_F

ClientSampleId :

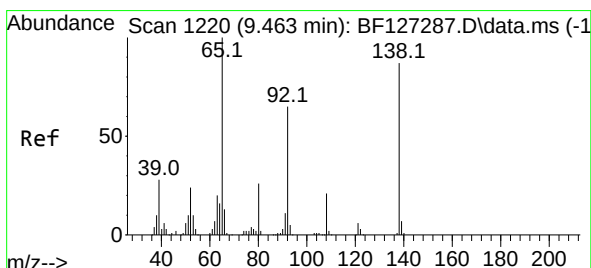
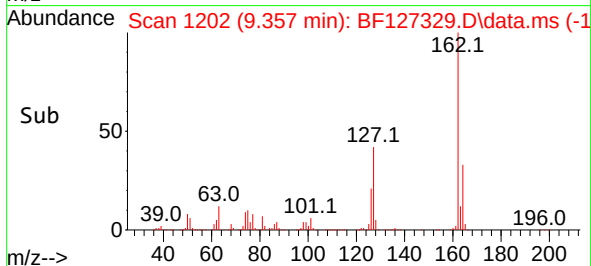
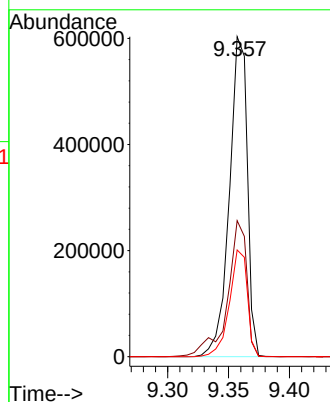
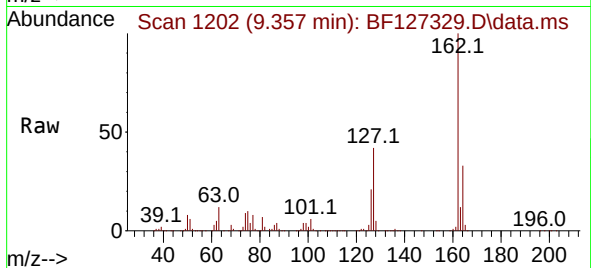
PB143346BS

Tgt Ion:162 Resp: 61801
Ion Ratio Lower Upper
162 100
127 42.5 33.5 50.3
164 33.4 26.2 39.4

Manual Integrations

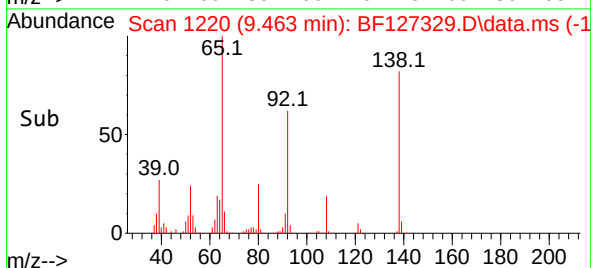
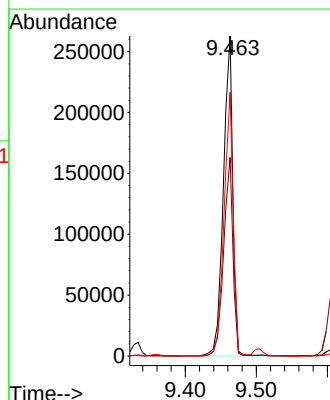
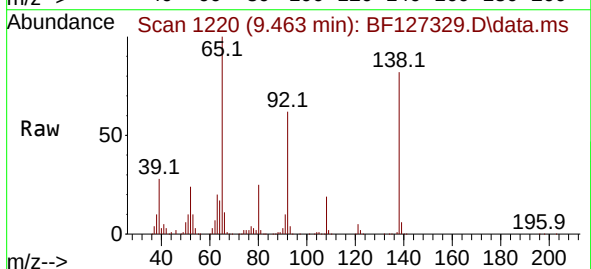
APPROVED

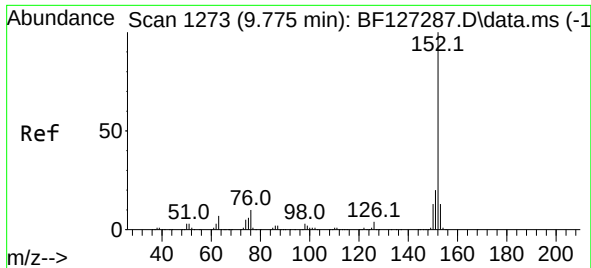
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#48
2-Nitroaniline
Concen: 45.368 ng
RT: 9.463 min Scan# 1220
Delta R.T. -0.000 min
Lab File: BF127329.D
Acq: 15 Mar 2022 17:35

Tgt Ion: 65 Resp: 238981
Ion Ratio Lower Upper
65 100
92 62.0 54.4 81.6
138 82.4 72.5 108.7





#49
Acenaphthylene
Concen: 46.065 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127329.D
Acq: 15 Mar 2022 17:35

Instrument :

BNA_F

ClientSampleId :

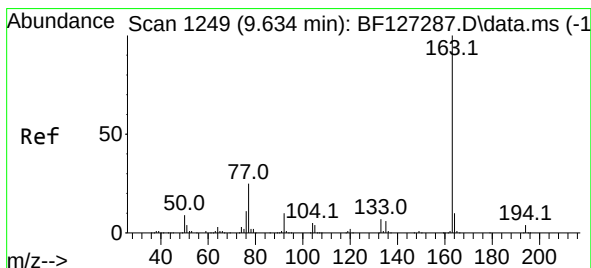
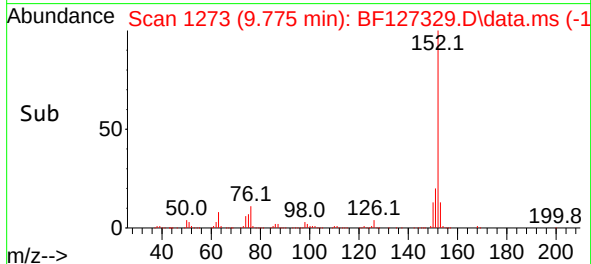
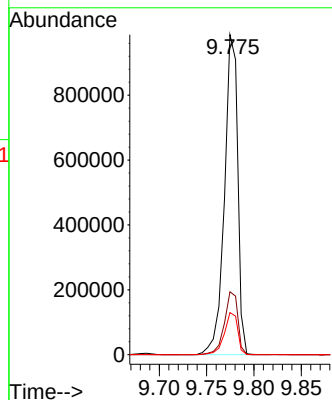
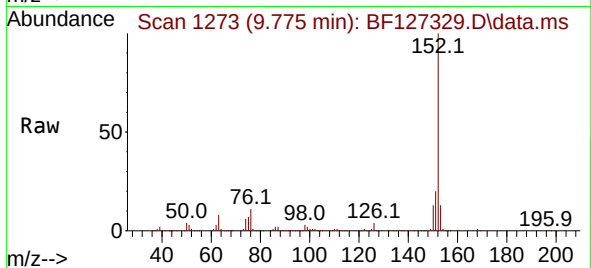
PB143346BS

Tgt Ion:152 Resp: 96513
Ion Ratio Lower Upper
152 100
151 19.7 15.7 23.5
153 13.2 11.4 17.0

Manual Integrations

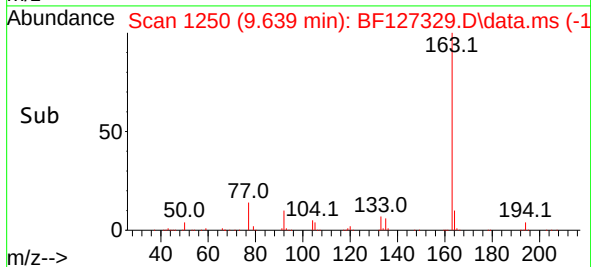
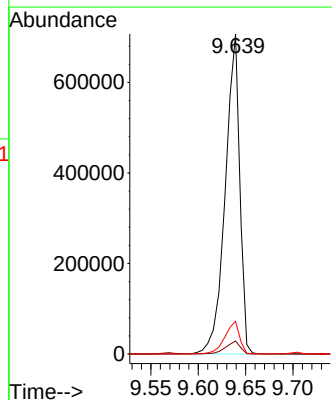
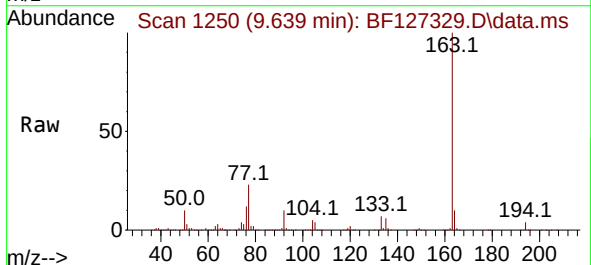
APPROVED

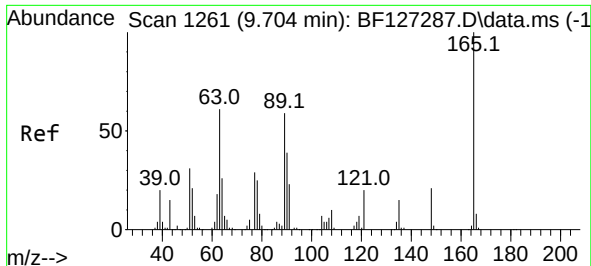
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#50
Dimethylphthalate
Concen: 45.273 ng
RT: 9.639 min Scan# 1250
Delta R.T. 0.006 min
Lab File: BF127329.D
Acq: 15 Mar 2022 17:35

Tgt Ion:163 Resp: 755972
Ion Ratio Lower Upper
163 100
194 4.1 2.6 3.8#
164 10.2 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 47.751 ng
RT: 9.704 min Scan# 1261
Delta R.T. -0.000 min
Lab File: BF127329.D
Acq: 15 Mar 2022 17:35

Instrument :

BNA_F

ClientSampleId :

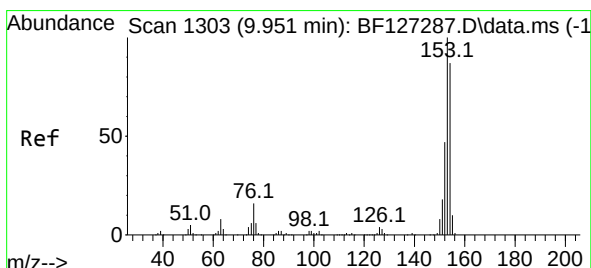
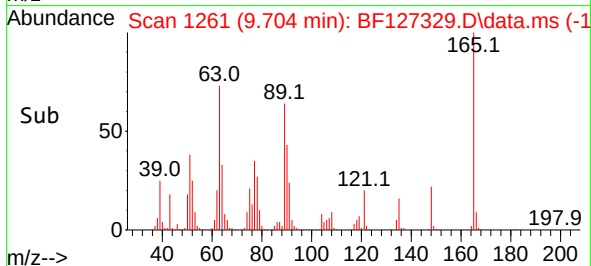
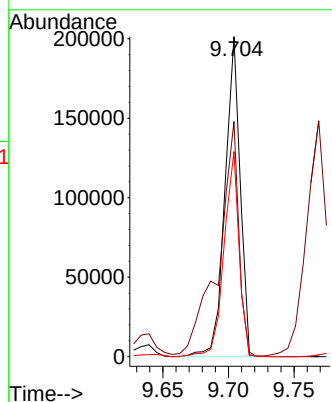
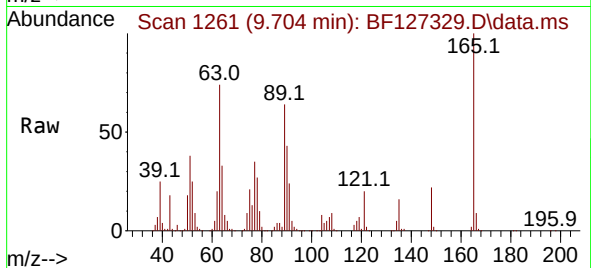
PB143346BS

Tgt Ion:165 Resp: 16129
Ion Ratio Lower Upper
165 100
63 73.5 48.4 72.6
89 64.1 50.5 75.7

Manual Integrations

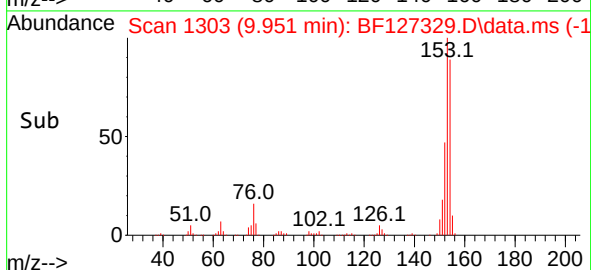
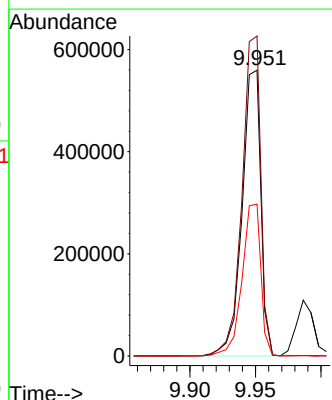
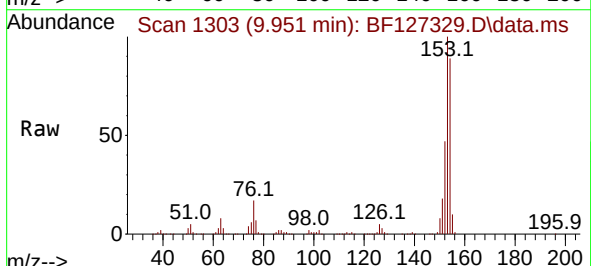
APPROVED

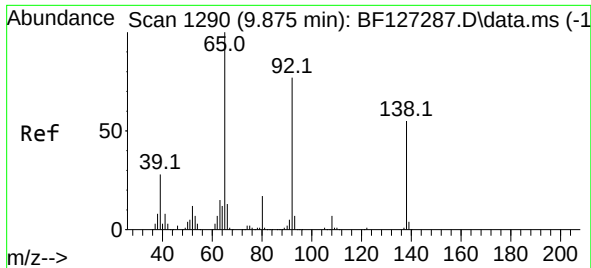
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#52
Acenaphthene
Concen: 44.746 ng
RT: 9.951 min Scan# 1303
Delta R.T. -0.000 min
Lab File: BF127329.D
Acq: 15 Mar 2022 17:35

Tgt Ion:154 Resp: 558835
Ion Ratio Lower Upper
154 100
153 112.0 87.8 131.6
152 53.2 39.4 59.2





#53
3-Nitroaniline
Concen: 25.704 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127329.D
Acq: 15 Mar 2022 17:35

Instrument :

BNA_F

ClientSampleId :

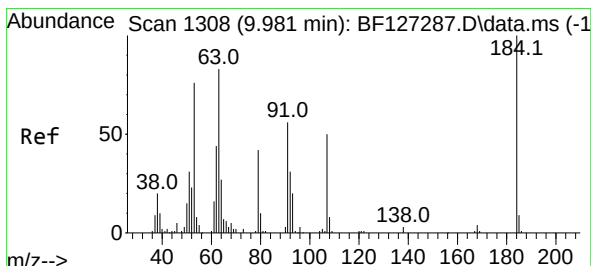
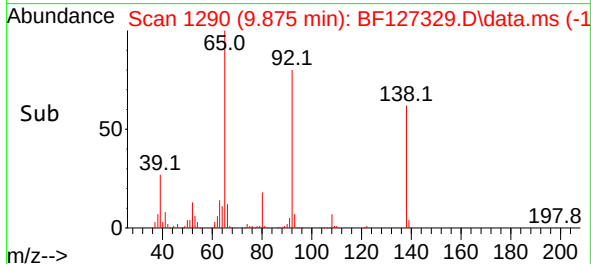
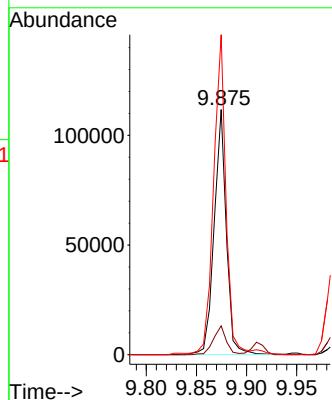
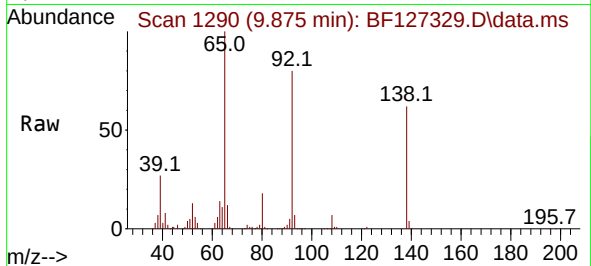
PB143346BS

Tgt Ion:138 Resp: 94610
Ion Ratio Lower Upper
138 100
108 11.7 8.6 13.0
92 130.6 105.0 157.6

Manual Integrations

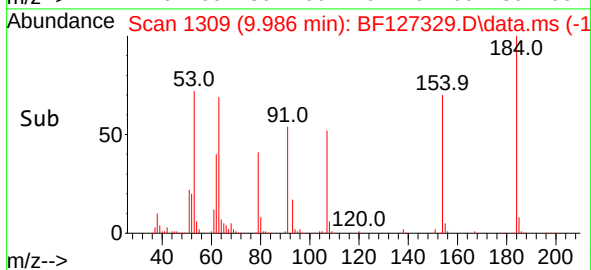
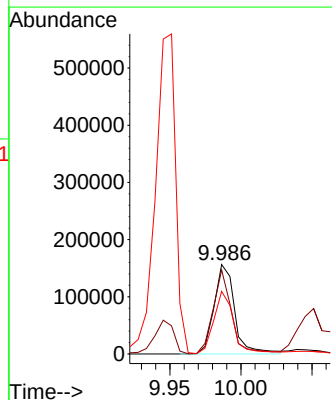
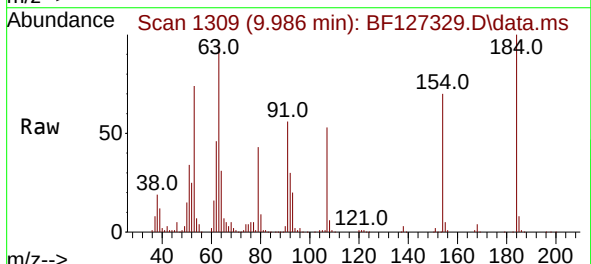
APPROVED

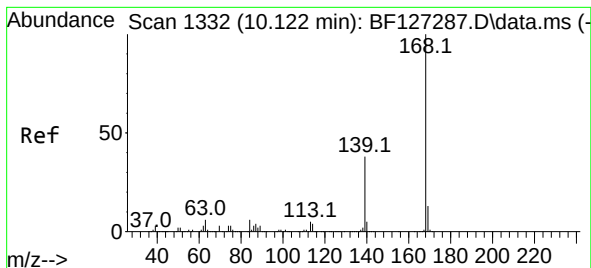
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#54
2,4-Dinitrophenol
Concen: 84.790 ng
RT: 9.986 min Scan# 1309
Delta R.T. 0.005 min
Lab File: BF127329.D
Acq: 15 Mar 2022 17:35

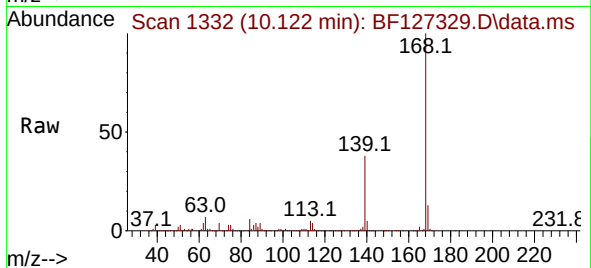
Tgt Ion:184 Resp: 158281
Ion Ratio Lower Upper
184 100
63 94.0 70.4 105.6
154 70.0 49.7 74.5





#55
Dibenzenofuran
Concen: 42.305 ng
RT: 10.122 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127329.D
Acq: 15 Mar 2022 17:35

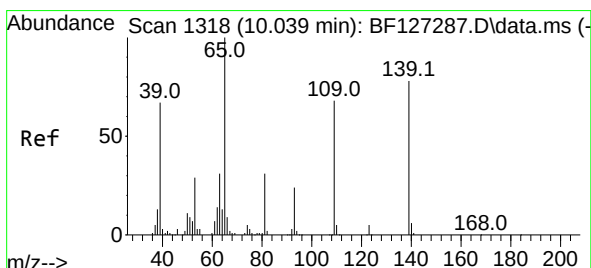
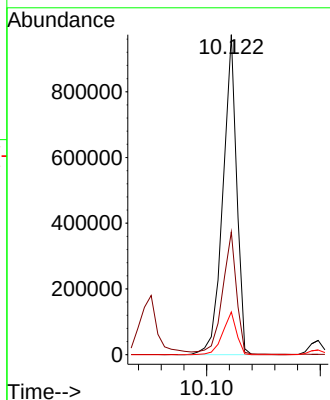
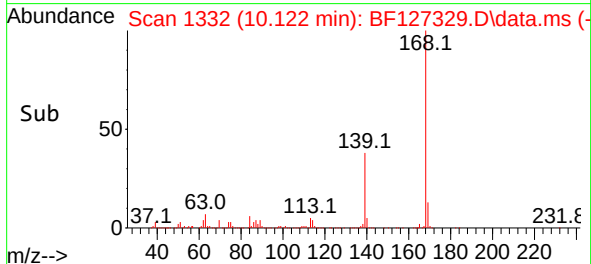
Instrument :
BNA_F
ClientSampleId :
PB143346BS



Tgt Ion:168 Resp: 820810
Ion Ratio Lower Upper
168 100
139 38.4 30.6 46.0
169 13.4 10.0 15.0

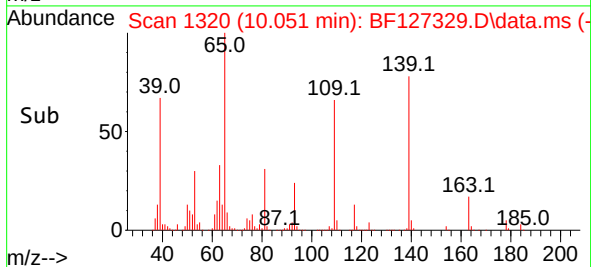
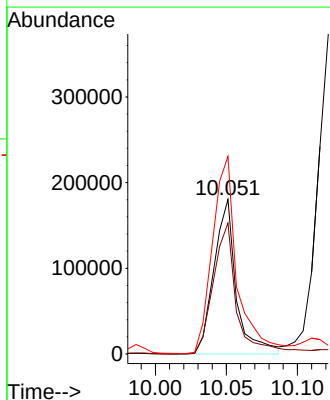
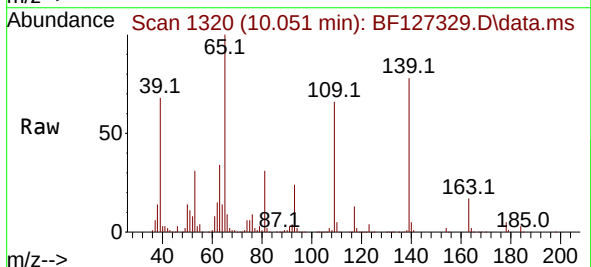
Manual Integrations
APPROVED

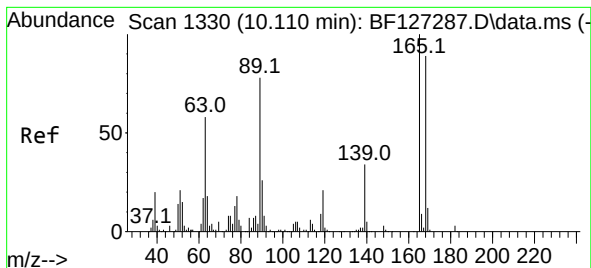
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#56
4-Nitrophenol
Concen: 88.446 ng
RT: 10.051 min Scan# 1320
Delta R.T. 0.012 min
Lab File: BF127329.D
Acq: 15 Mar 2022 17:35

Tgt Ion:139 Resp: 197875
Ion Ratio Lower Upper
139 100
109 84.7 44.1 84.1#
65 127.9 85.5 125.5#





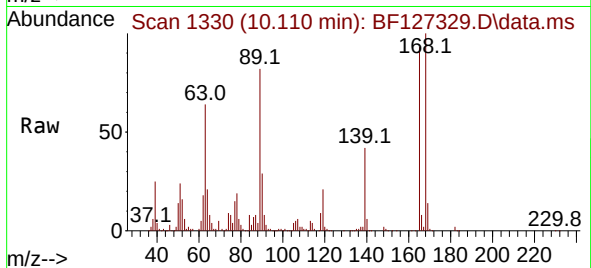
#57
2,4-Dinitrotoluene
Concen: 46.730 ng
RT: 10.110 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF127329.D
Acq: 15 Mar 2022 17:35

Instrument :

BNA_F

ClientSampleId :

PB143346BS

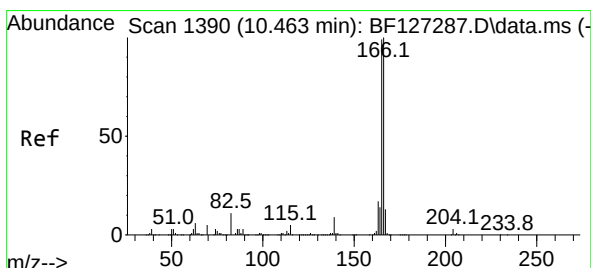
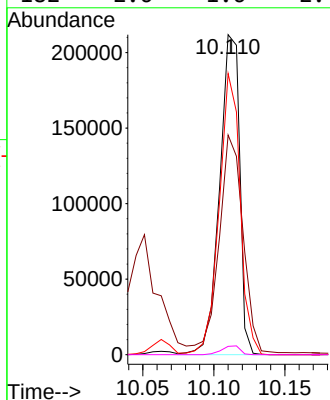
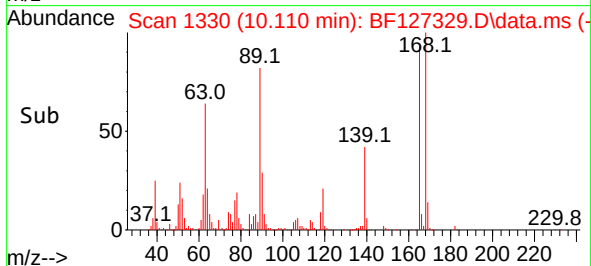


Tgt Ion:165 Resp: 207672
Ion Ratio Lower Upper
165 100
63 68.7 43.0 64.6
89 87.9 71.0 106.4
182 2.6 1.6 2.4#

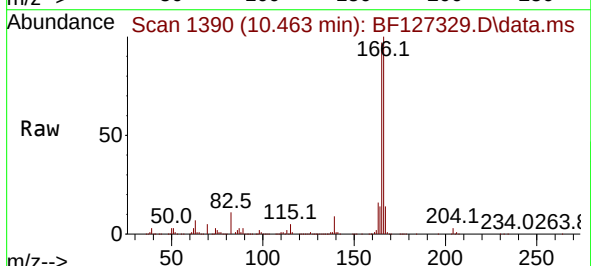
Manual Integrations

APPROVED

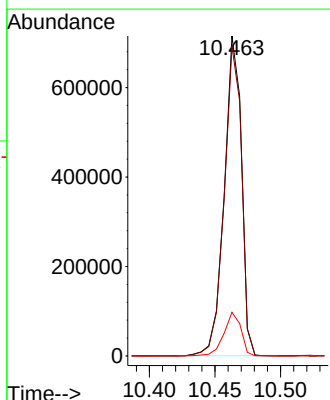
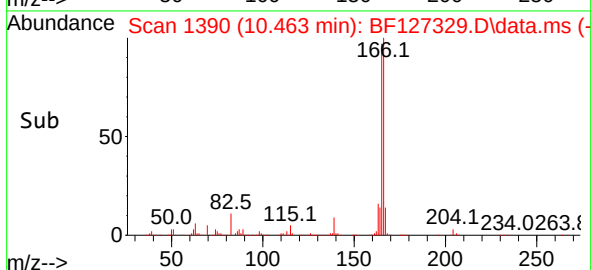
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

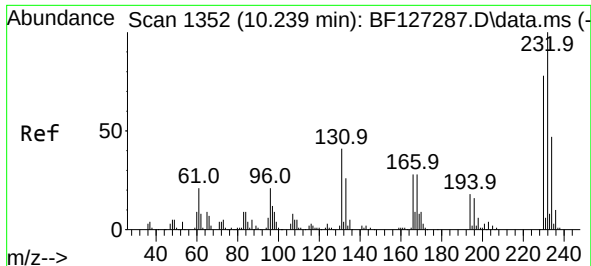


#58
Fluorene
Concen: 43.374 ng
RT: 10.463 min Scan# 1390
Delta R.T. -0.000 min
Lab File: BF127329.D
Acq: 15 Mar 2022 17:35



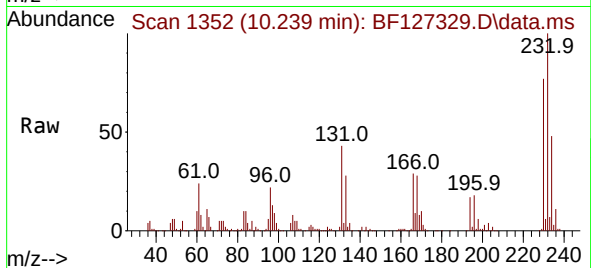
Tgt Ion:166 Resp: 652552
Ion Ratio Lower Upper
166 100
165 96.8 77.7 116.5
167 13.6 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.929 ng
RT: 10.239 min Scan# 1352
Delta R.T. -0.000 min
Lab File: BF127329.D
Acq: 15 Mar 2022 17:35

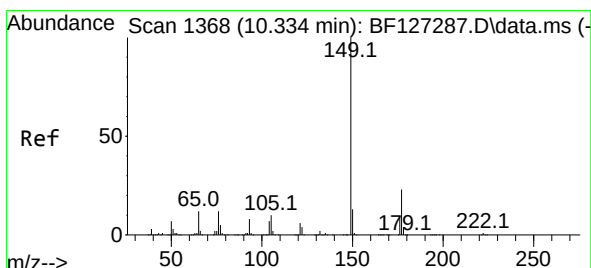
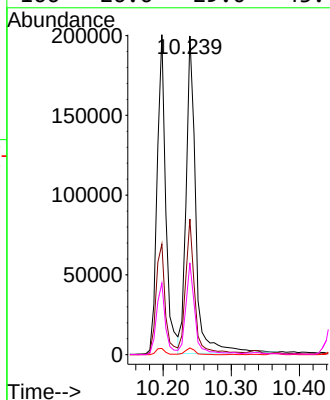
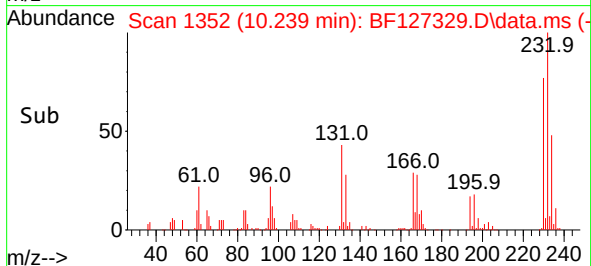
Instrument :
BNA_F
ClientSampleId :
PB143346BS



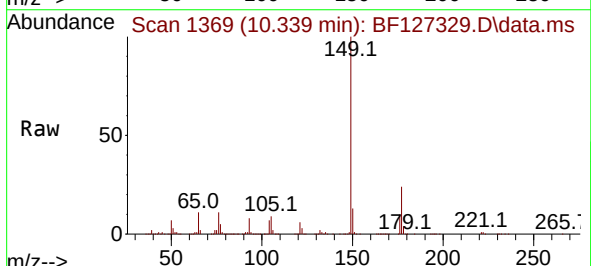
Tgt Ion:232 Resp: 192710
Ion Ratio Lower Upper
232 100
131 39.5 50.0 75.0
130 2.1 2.2 3.2
166 26.6 29.0 43.4

Manual Integrations
APPROVED

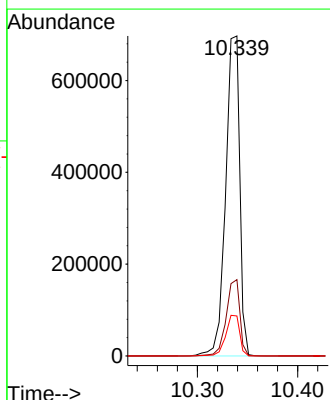
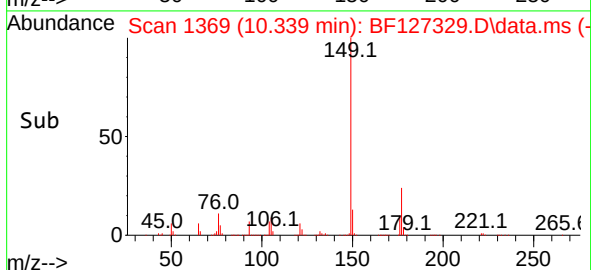
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

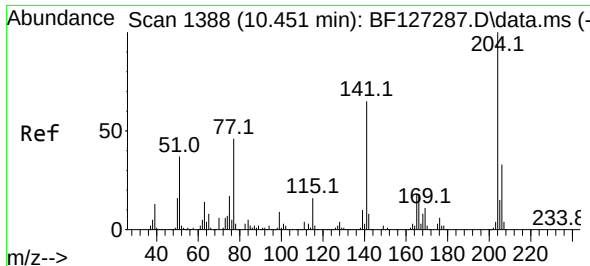


#60
Diethylphthalate
Concen: 44.472 ng
RT: 10.339 min Scan# 1369
Delta R.T. 0.006 min
Lab File: BF127329.D
Acq: 15 Mar 2022 17:35



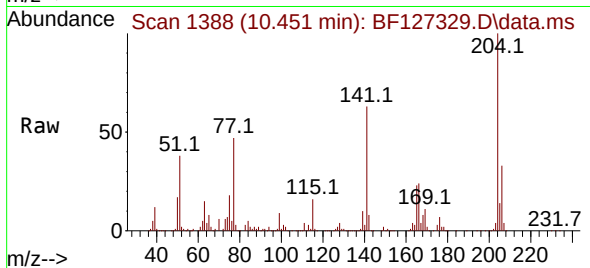
Tgt Ion:149 Resp: 677369
Ion Ratio Lower Upper
149 100
177 23.8 16.7 25.1
150 12.5 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 43.379 ng
RT: 10.451 min Scan# 1388
Delta R.T. -0.000 min
Lab File: BF127329.D
Acq: 15 Mar 2022 17:35

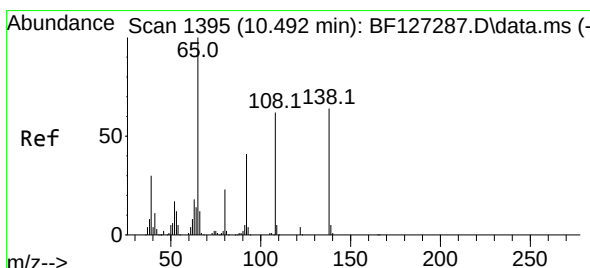
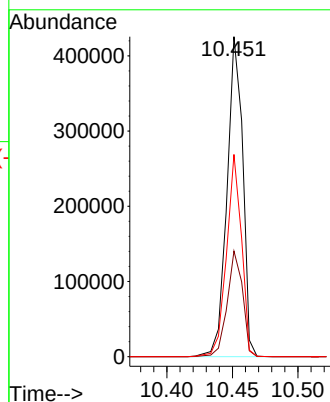
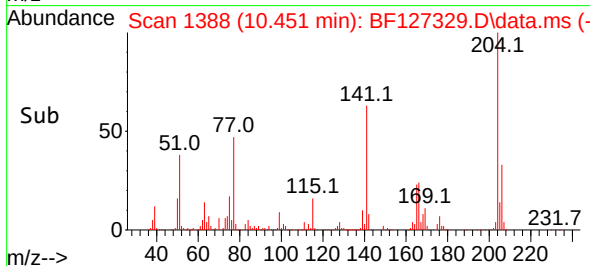
Instrument :
BNA_F
ClientSampleId :
PB143346BS



Tgt Ion:204 Resp: 353680
Ion Ratio Lower Upper
204 100
206 33.0 26.3 39.5
141 63.2 59.0 88.6

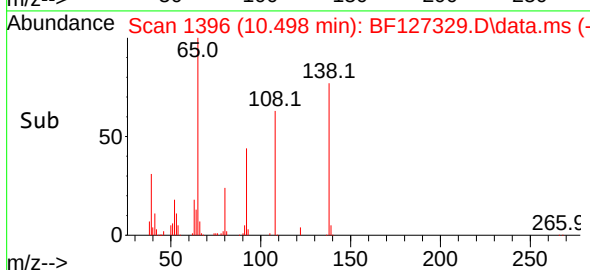
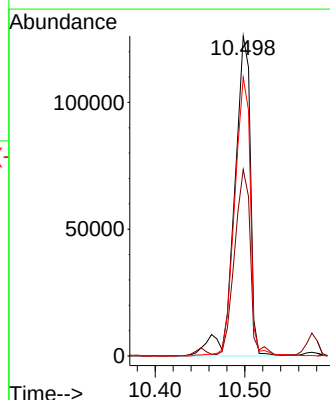
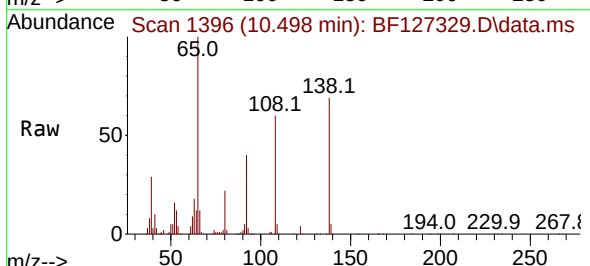
Manual Integrations
APPROVED

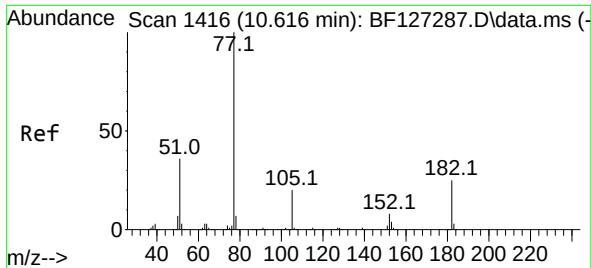
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#62
4-Nitroaniline
Concen: 42.512 ng
RT: 10.498 min Scan# 1396
Delta R.T. 0.006 min
Lab File: BF127329.D
Acq: 15 Mar 2022 17:35

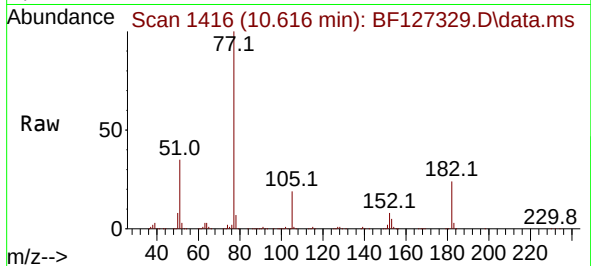
Tgt Ion:138 Resp: 155931
Ion Ratio Lower Upper
138 100
92 58.3 36.2 76.2
108 87.0 46.7 86.7#





#63
Azobenzene
Concen: 43.986 ng
RT: 10.616 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF127329.D
Acq: 15 Mar 2022 17:35

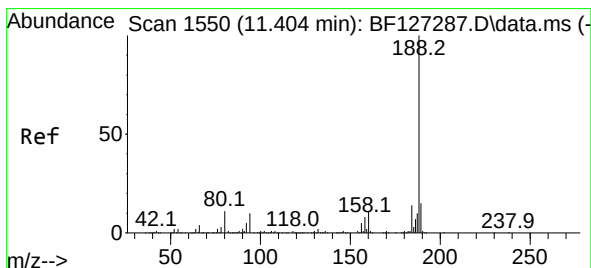
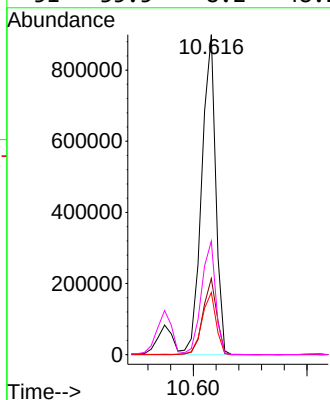
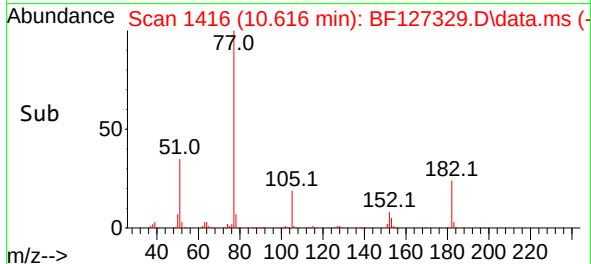
Instrument :
BNA_F
ClientSampleId :
PB143346BS



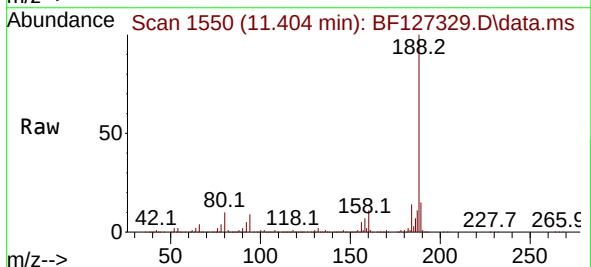
Tgt Ion: 77 Resp: 77012
Ion Ratio Lower Upper
77 100
182 23.8 0.0 39.0
105 19.4 3.2 43.2
51 35.5 8.2 48.2

Manual Integrations
APPROVED

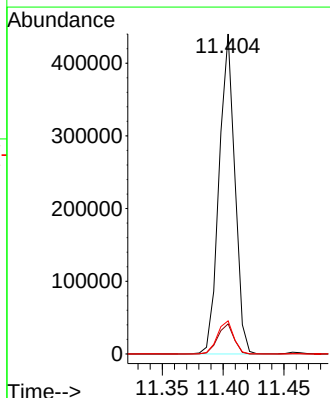
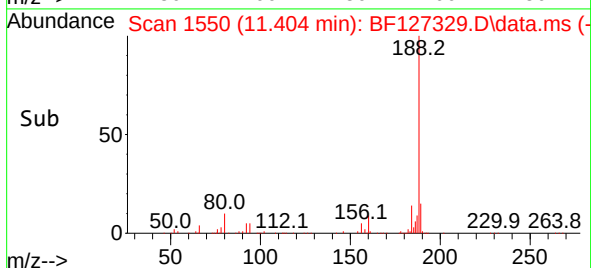
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

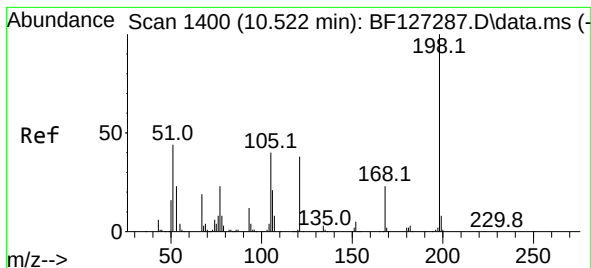


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1550
Delta R.T. -0.000 min
Lab File: BF127329.D
Acq: 15 Mar 2022 17:35



Tgt Ion:188 Resp: 397099
Ion Ratio Lower Upper
188 100
94 9.4 10.1 15.1#
80 10.4 11.8 17.6#





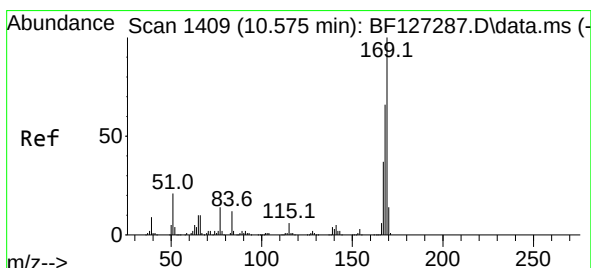
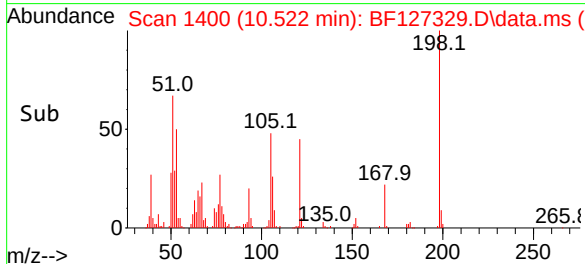
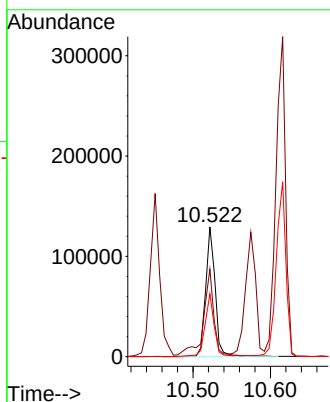
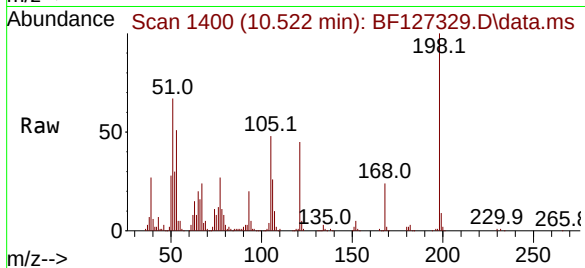
#65
4,6-Dinitro-2-methylphenol
Concen: 45.092 ng
RT: 10.522 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BF127329.D
Acq: 15 Mar 2022 17:35

Instrument :
BNA_F
ClientSampleId :
PB143346BS

Tgt Ion:198 Resp: 110400
Ion Ratio Lower Upper
198 100
51 67.5 32.0 72.0
105 48.5 32.7 72.7

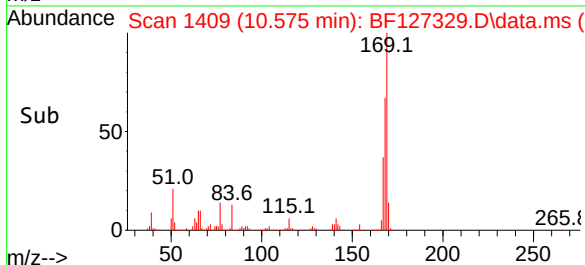
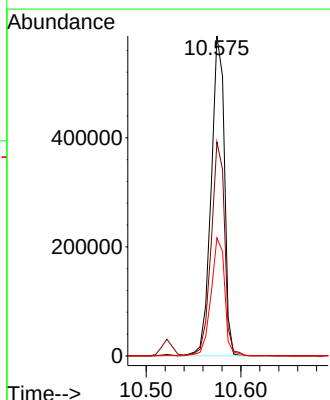
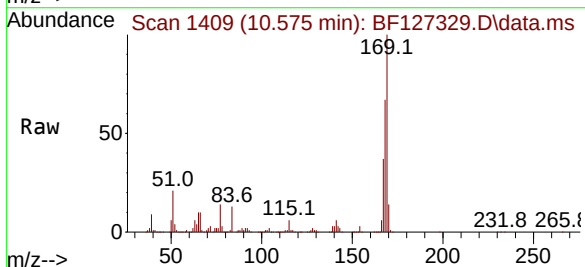
Manual Integrations
APPROVED

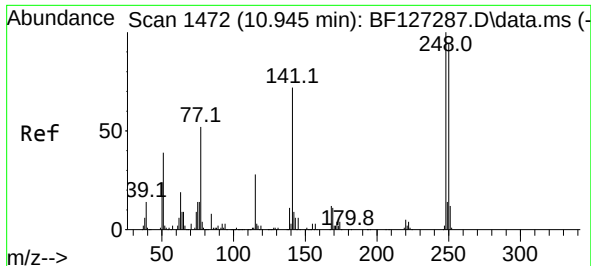
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#66
n-Nitrosodiphenylamine
Concen: 46.070 ng
RT: 10.575 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BF127329.D
Acq: 15 Mar 2022 17:35

Tgt Ion:169 Resp: 568166
Ion Ratio Lower Upper
169 100
168 66.8 53.4 80.0
167 36.9 29.4 44.0





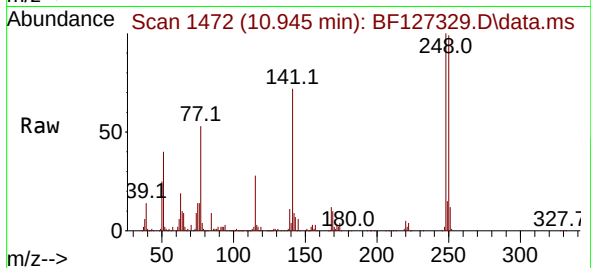
#67
4-Bromophenyl-phenylether
Concen: 45.894 ng
RT: 10.945 min Scan# 1472
Delta R.T. -0.000 min
Lab File: BF127329.D
Acq: 15 Mar 2022 17:35

Instrument :

BNA_F

ClientSampleId :

PB143346BS

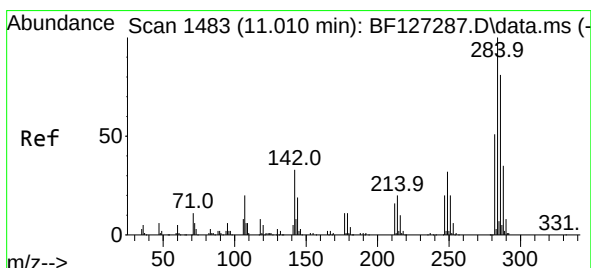
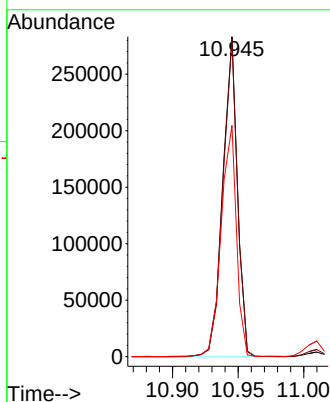
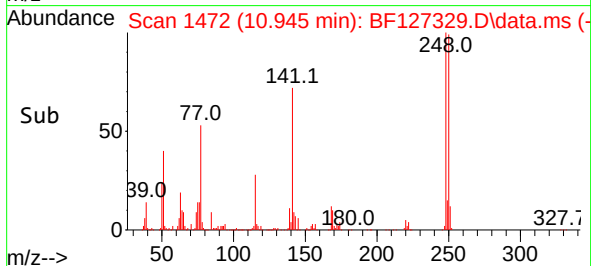


Tgt Ion:248 Resp: 21968
Ion Ratio Lower Upper
248 100
250 99.3 76.2 114.4
141 72.3 66.2 99.4

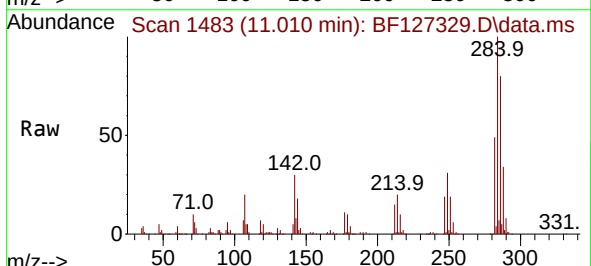
Manual Integrations

APPROVED

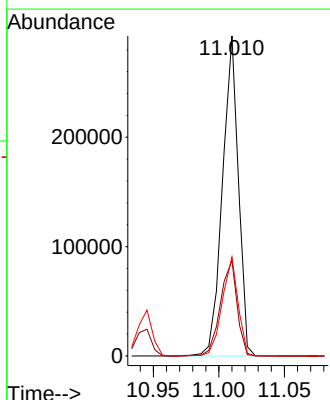
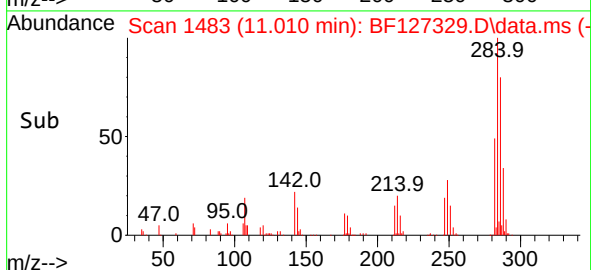
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

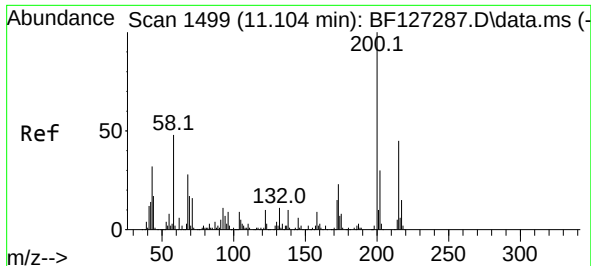


#68
Hexachlorobenzene
Concen: 47.253 ng
RT: 11.010 min Scan# 1483
Delta R.T. -0.000 min
Lab File: BF127329.D
Acq: 15 Mar 2022 17:35



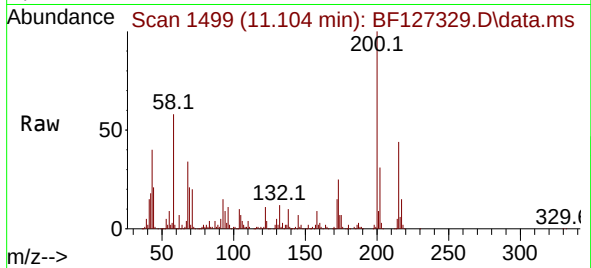
Tgt Ion:284 Resp: 246512
Ion Ratio Lower Upper
284 100
142 29.8 30.7 46.1#
249 30.9 21.1 31.7





#69
 Atrazine
 Concen: 52.323 ng
 RT: 11.104 min Scan# 1499
 Delta R.T. -0.000 min
 Lab File: BF127329.D
 Acq: 15 Mar 2022 17:35

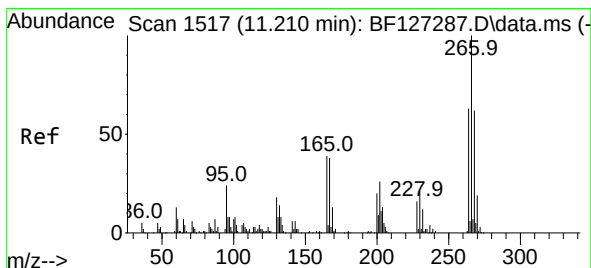
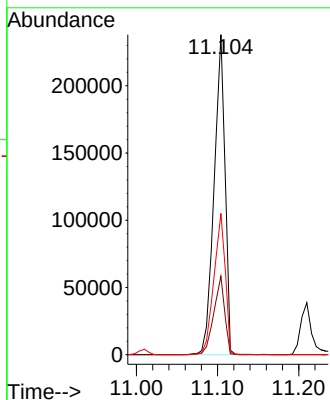
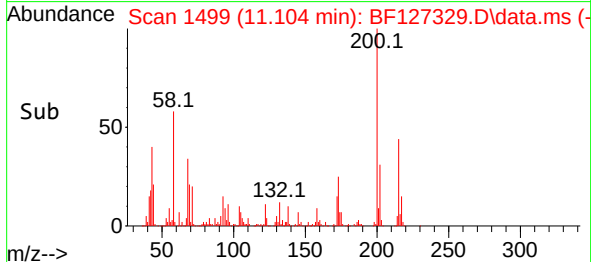
Instrument :
 BNA_F
 ClientSampleId :
 PB143346BS



Tgt Ion:200 Resp: 222670
 Ion Ratio Lower Upper
 200 100
 173 24.5 9.2 49.2
 215 44.2 23.2 63.2

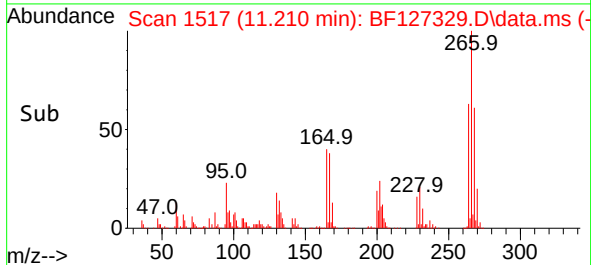
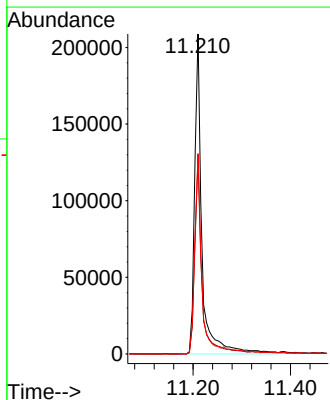
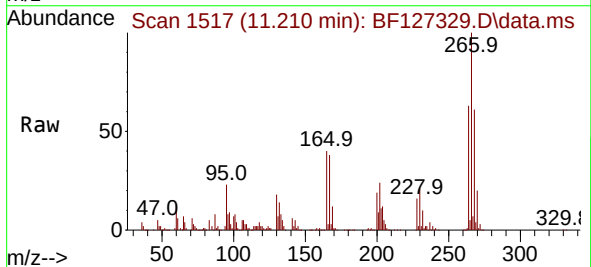
Manual Integrations
 APPROVED

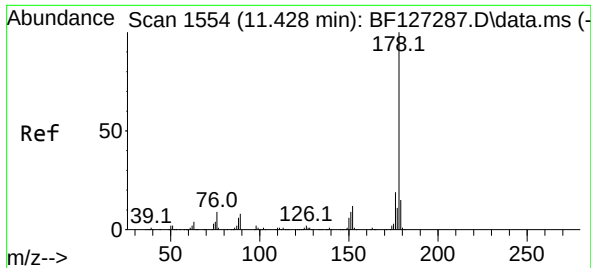
Reviewed By :Christian Giraldo 03/16/2022
 Supervised By :Jagrut Upadhyay 03/16/2022



#70
 Pentachlorophenol
 Concen: 104.743 ng
 RT: 11.210 min Scan# 1517
 Delta R.T. -0.000 min
 Lab File: BF127329.D
 Acq: 15 Mar 2022 17:35

Tgt Ion:266 Resp: 220623
 Ion Ratio Lower Upper
 266 100
 268 61.4 52.3 78.5
 264 62.6 50.4 75.6





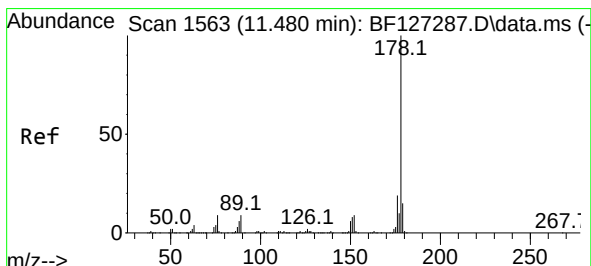
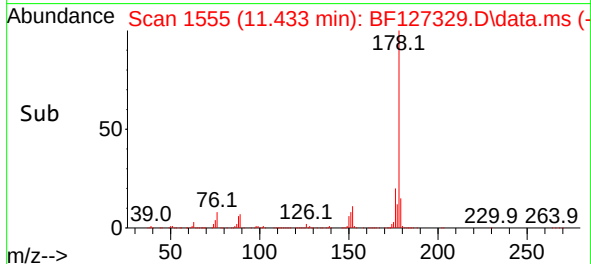
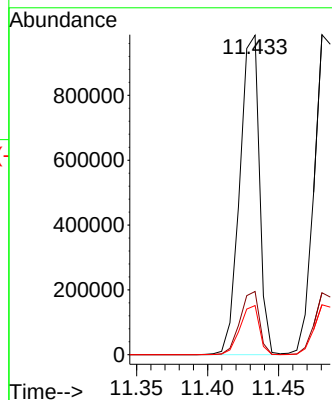
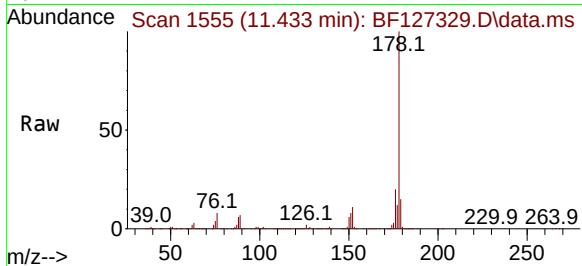
#71
Phenanthrene
Concen: 45.288 ng
RT: 11.433 min Scan# 1554
Delta R.T. 0.006 min
Lab File: BF127329.D
Acq: 15 Mar 2022 17:35

Instrument :
BNA_F
ClientSampleId :
PB143346BS

Tgt Ion:178 Resp: 949345
Ion Ratio Lower Upper
178 100
176 19.8 15.7 23.5
179 15.4 12.3 18.5

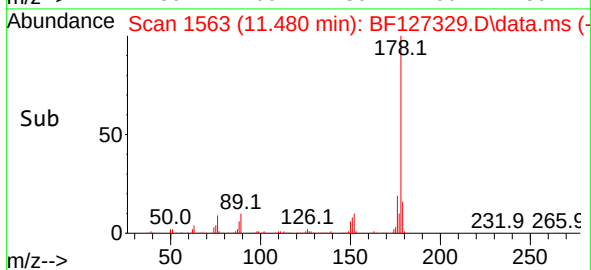
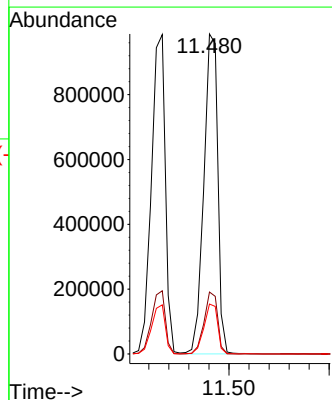
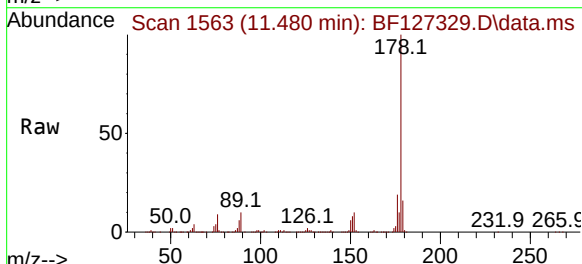
Manual Integrations
APPROVED

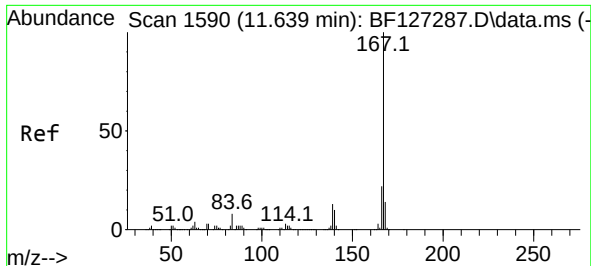
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#72
Anthracene
Concen: 46.287 ng
RT: 11.480 min Scan# 1563
Delta R.T. -0.000 min
Lab File: BF127329.D
Acq: 15 Mar 2022 17:35

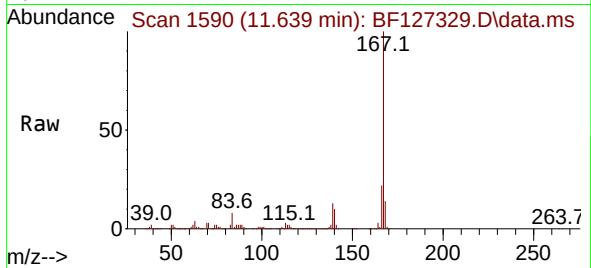
Tgt Ion:178 Resp: 960907
Ion Ratio Lower Upper
178 100
176 19.3 15.0 22.6
179 15.6 12.5 18.7





#73
 Carbazole
 Concen: 42.945 ng
 RT: 11.639 min Scan# 1590
 Delta R.T. -0.000 min
 Lab File: BF127329.D
 Acq: 15 Mar 2022 17:35

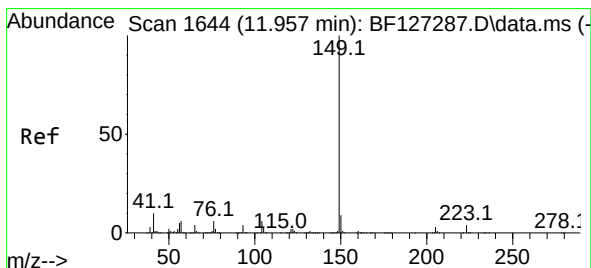
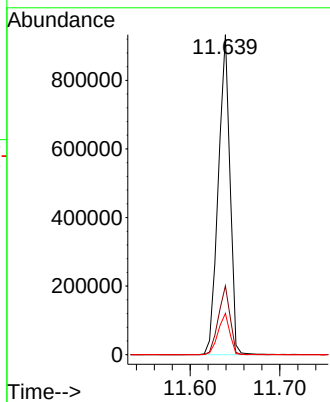
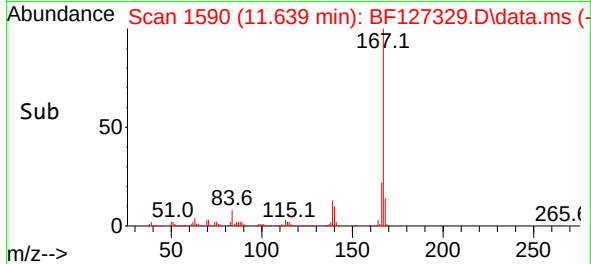
Instrument :
 BNA_F
 ClientSampleId :
 PB143346BS



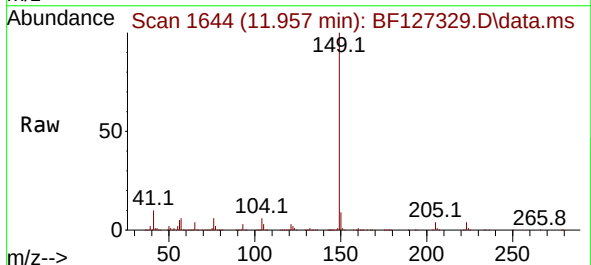
Tgt Ion:167 Resp: 839555
 Ion Ratio Lower Upper
 167 100
 166 21.5 16.9 25.3
 139 12.9 11.3 16.9

Manual Integrations
 APPROVED

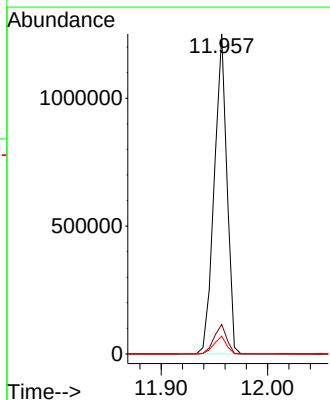
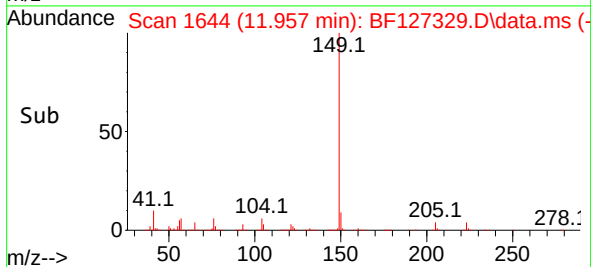
Reviewed By :Christian Giraldo 03/16/2022
 Supervised By :Jagrut Upadhyay 03/16/2022

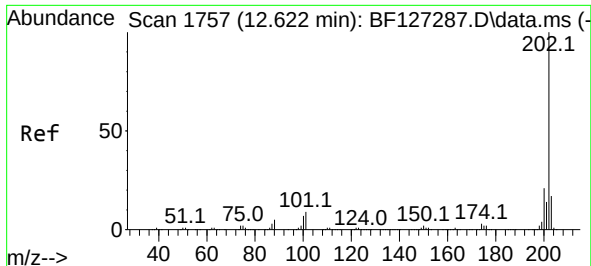


#74
 Di-n-butylphthalate
 Concen: 44.987 ng
 RT: 11.957 min Scan# 1644
 Delta R.T. -0.000 min
 Lab File: BF127329.D
 Acq: 15 Mar 2022 17:35



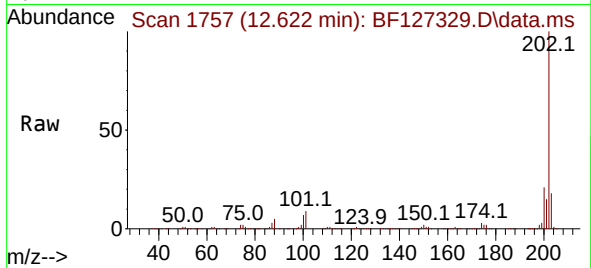
Tgt Ion:149 Resp: 1028668
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.2 10.8
 104 5.6 4.2 6.2





#75
Fluoranthene
Concen: 44.068 ng
RT: 12.622 min Scan# 1757
Delta R.T. -0.000 min
Lab File: BF127329.D
Acq: 15 Mar 2022 17:35

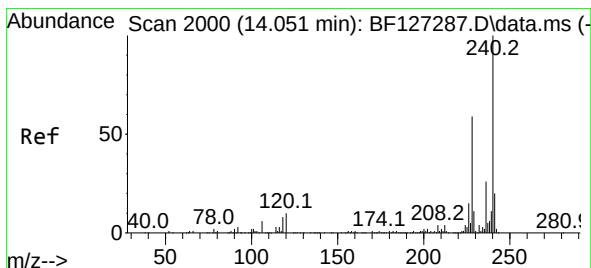
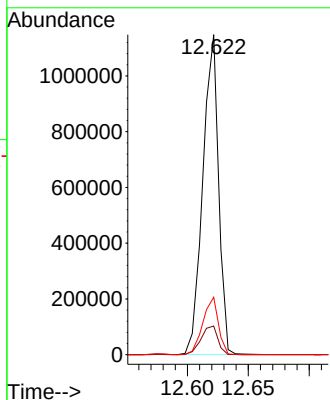
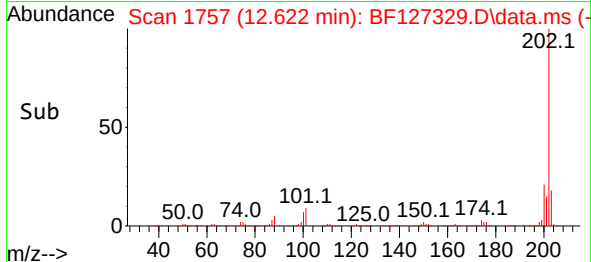
Instrument :
BNA_F
ClientSampleId :
PB143346BS



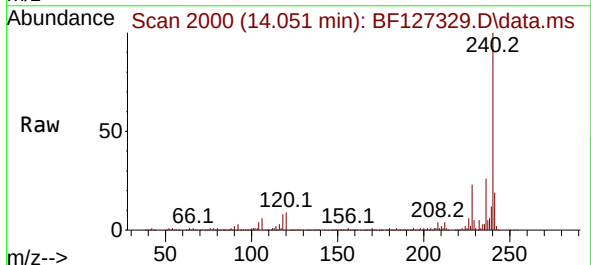
Tgt Ion:202 Resp: 1032878
Ion Ratio Lower Upper
202 100
101 8.9 0.0 35.7
203 18.0 0.0 37.1

Manual Integrations
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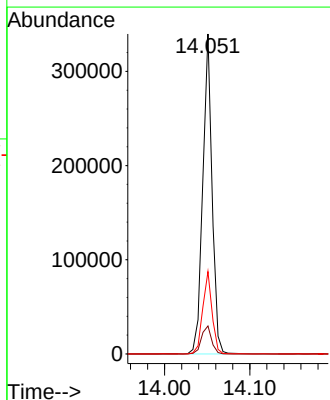
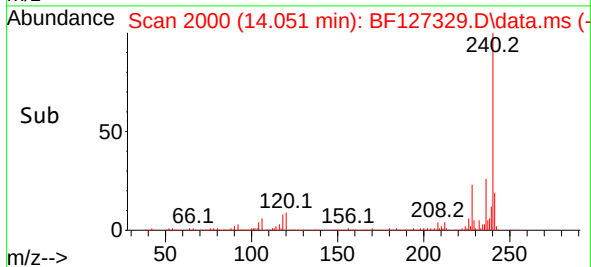
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

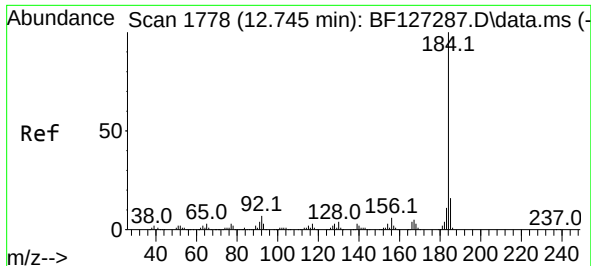


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2000
Delta R.T. -0.000 min
Lab File: BF127329.D
Acq: 15 Mar 2022 17:35



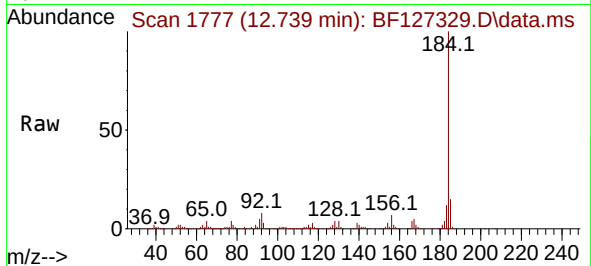
Tgt Ion:240 Resp: 258108
Ion Ratio Lower Upper
240 100
120 8.8 14.4 21.6#
236 25.7 20.5 30.7





#77
Benzidine
Concen: 53.587 ng
RT: 12.739 min Scan# 1777
Delta R.T. -0.006 min
Lab File: BF127329.D
Acq: 15 Mar 2022 17:35

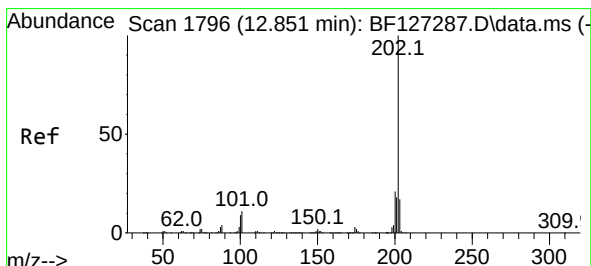
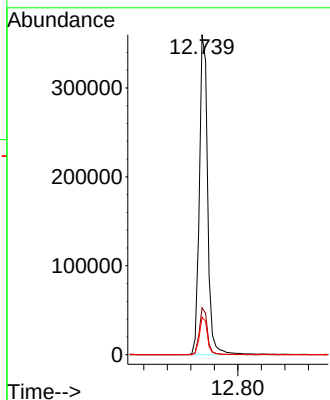
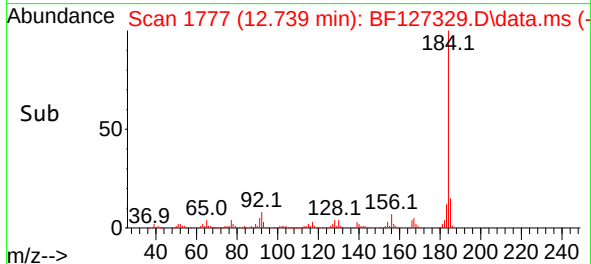
Instrument :
BNA_F
ClientSampleId :
PB143346BS



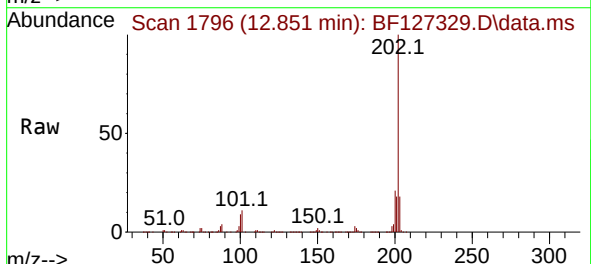
Tgt Ion:184 Resp: 35172
Ion Ratio Lower Upper
184 100
185 14.6 11.8 17.8
183 11.8 8.2 12.2

Manual Integrations
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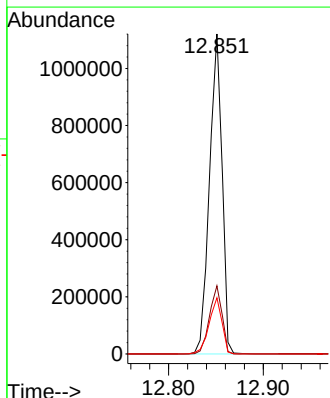
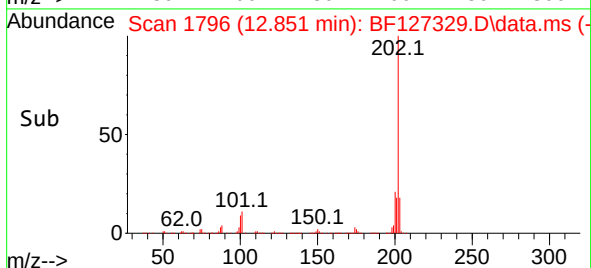
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

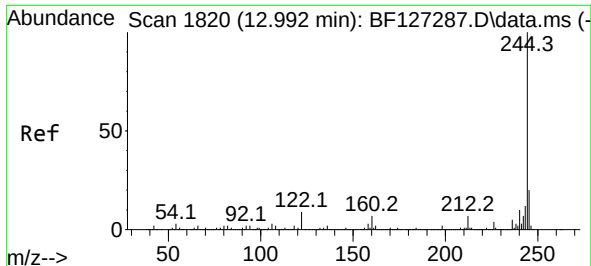


#78
Pyrene
Concen: 51.332 ng
RT: 12.851 min Scan# 1796
Delta R.T. -0.000 min
Lab File: BF127329.D
Acq: 15 Mar 2022 17:35



Tgt Ion:202 Resp: 1031987
Ion Ratio Lower Upper
202 100
200 21.3 16.6 24.8
203 17.5 13.8 20.8





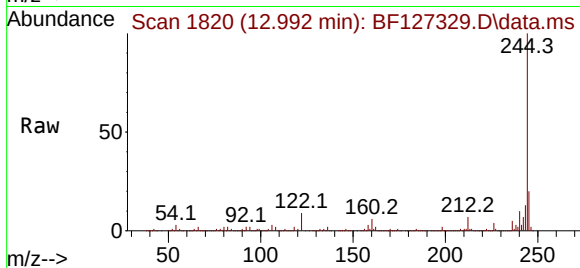
#79
 Terphenyl-d14
 Concen: 94.883 ng
 RT: 12.992 min Scan# 1820
 Delta R.T. -0.000 min
 Lab File: BF127329.D
 Acq: 15 Mar 2022 17:35

Instrument :

BNA_F

ClientSampleId :

PB143346BS

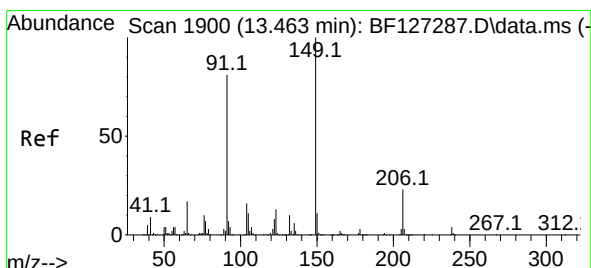
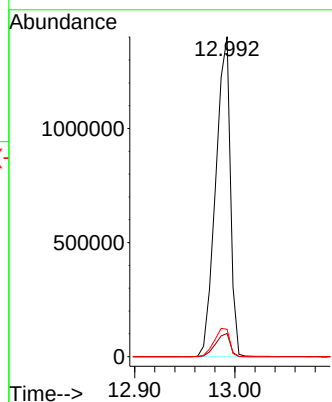
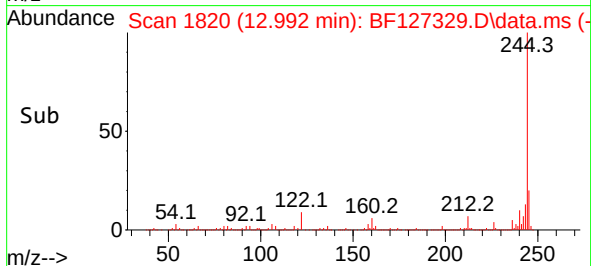


Tgt Ion:244 Resp: 1422230
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.0 7.4
 122 8.6 13.3 19.9

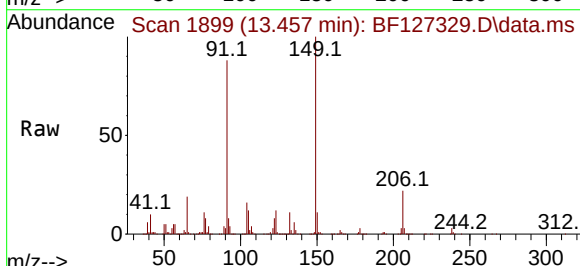
Manual Integrations

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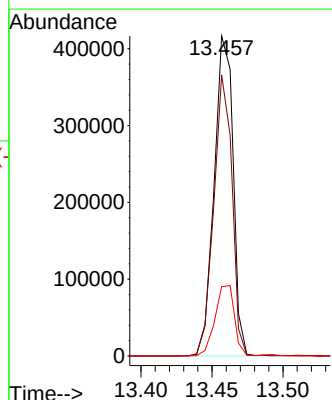
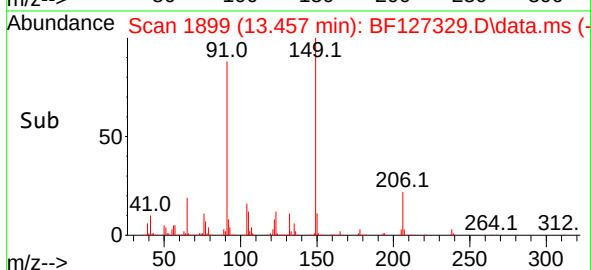
Reviewed By :Christian Giraldo 03/16/2022
 Supervised By :Jagrut Upadhyay 03/16/2022

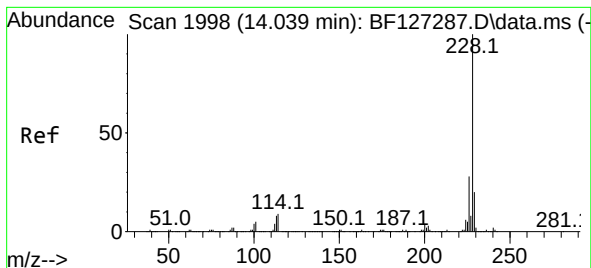


#80
 Butylbenzylphthalate
 Concen: 49.897 ng
 RT: 13.457 min Scan# 1899
 Delta R.T. -0.006 min
 Lab File: BF127329.D
 Acq: 15 Mar 2022 17:35



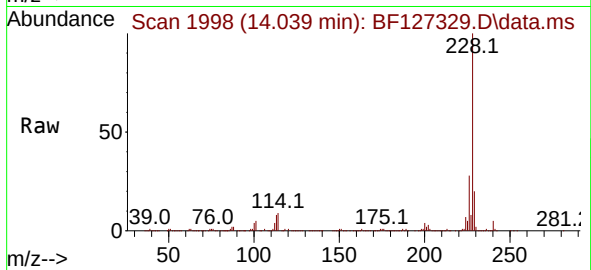
Tgt Ion:149 Resp: 386066
 Ion Ratio Lower Upper
 149 100
 91 87.8 70.5 105.7
 206 21.7 12.6 19.0





#81
Benzo(a)anthracene
Concen: 46.578 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.000 min
Lab File: BF127329.D
Acq: 15 Mar 2022 17:35

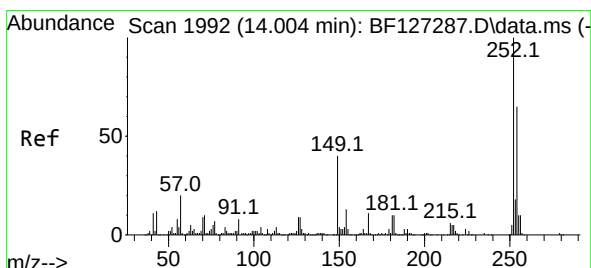
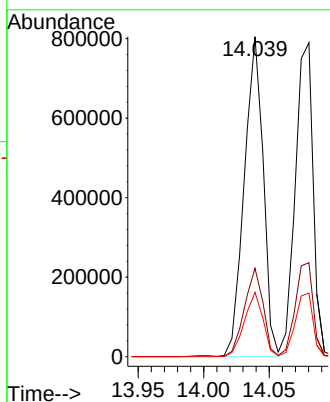
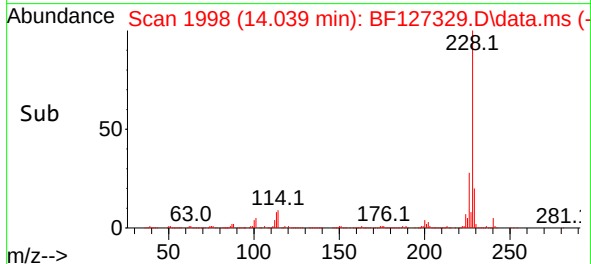
Instrument :
BNA_F
ClientSampleId :
PB143346BS



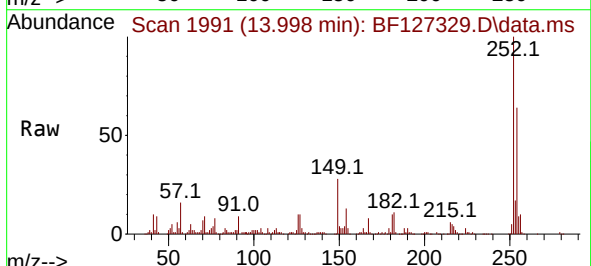
Tgt Ion:228 Resp: 809485
Ion Ratio Lower Upper
228 100
226 27.6 21.4 32.0
229 20.1 15.4 23.2

Manual Integrations
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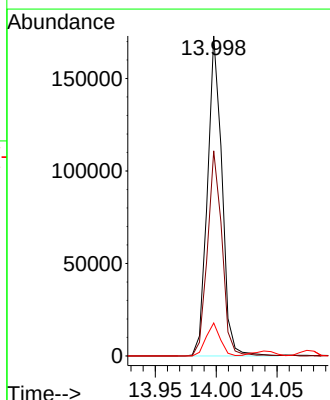
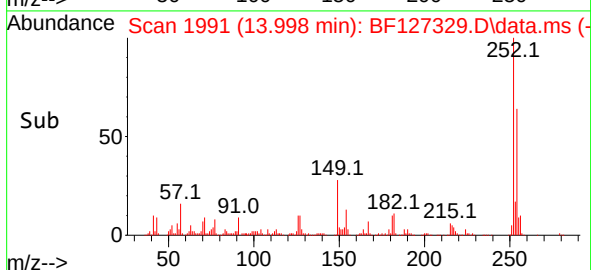
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

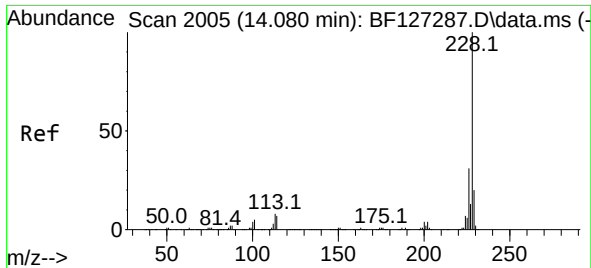


#82
3,3'-Dichlorobenzidine
Concen: 26.559 ng
RT: 13.998 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF127329.D
Acq: 15 Mar 2022 17:35



Tgt Ion:252 Resp: 143515
Ion Ratio Lower Upper
252 100
254 64.1 51.0 76.4
126 10.3 13.4 20.0#





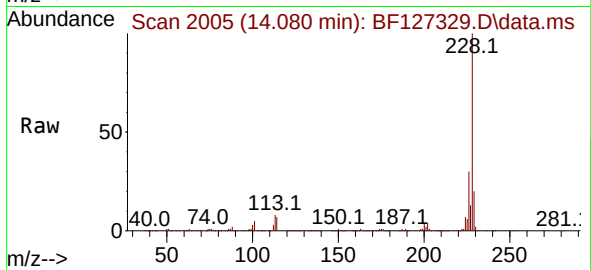
#83
Chrysene
Concen: 46.311 ng
RT: 14.080 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BF127329.D
Acq: 15 Mar 2022 17:35

Instrument :

BNA_F

ClientSampleId :

PB143346BS

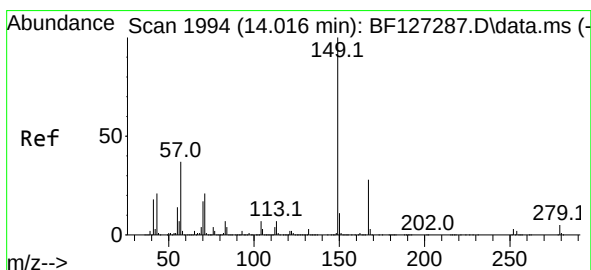
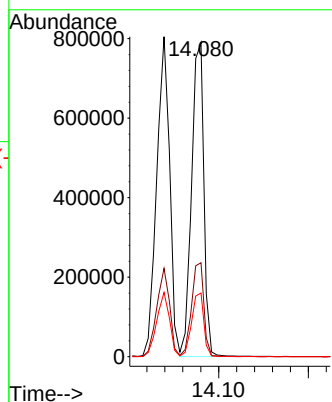
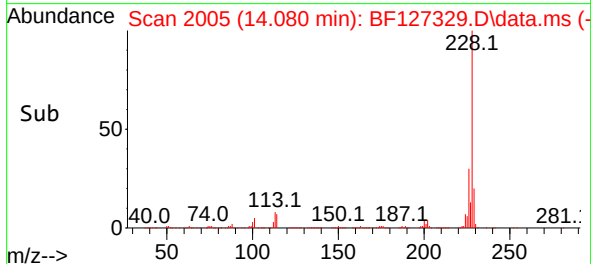


Tgt Ion:228 Resp: 748589
Ion Ratio Lower Upper
228 100
226 29.9 23.7 35.5
229 20.3 15.5 23.3

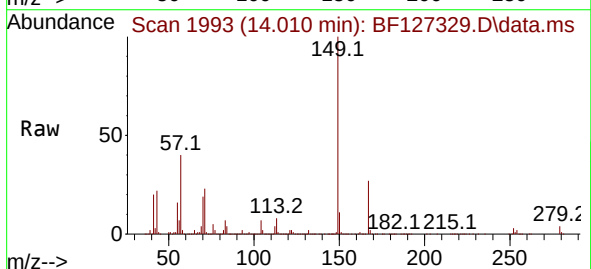
Manual Integrations

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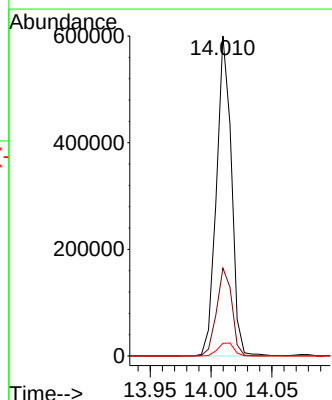
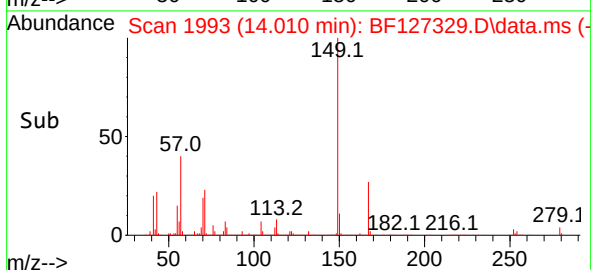
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

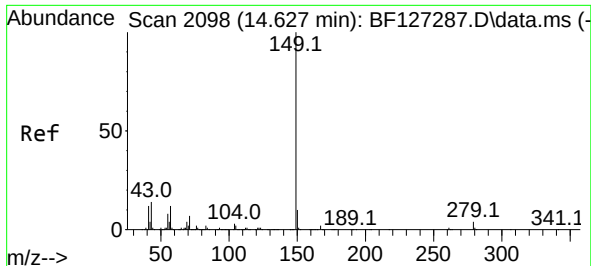


#84
Bis(2-ethylhexyl)phthalate
Concen: 49.284 ng
RT: 14.010 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BF127329.D
Acq: 15 Mar 2022 17:35



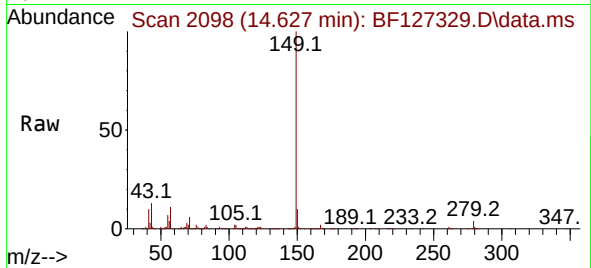
Tgt Ion:149 Resp: 513313
Ion Ratio Lower Upper
149 100
167 27.5 21.4 32.2
279 4.0 2.4 3.6





#85
Di-n-octyl phthalate
Concen: 47.439 ng
RT: 14.627 min Scan# 2098
Delta R.T. -0.000 min
Lab File: BF127329.D
Acq: 15 Mar 2022 17:35

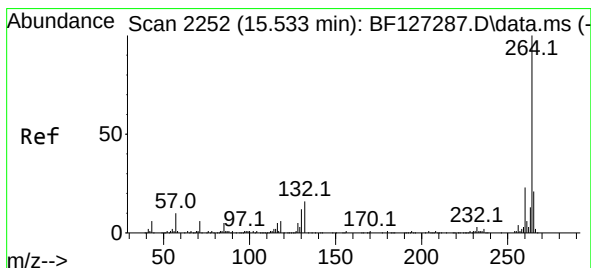
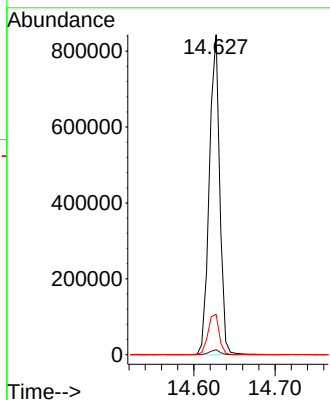
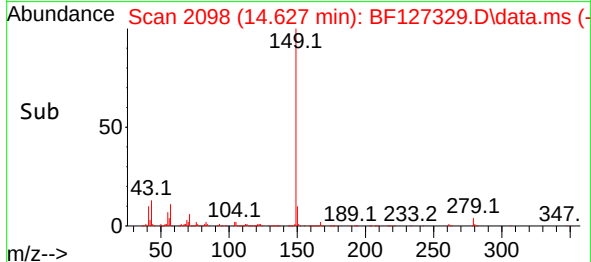
Instrument :
BNA_F
ClientSampleId :
PB143346BS



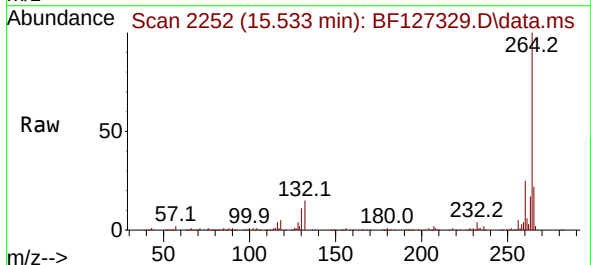
Tgt Ion:149 Resp: 747833
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 13.6 9.9 14.9

Manual Integrations
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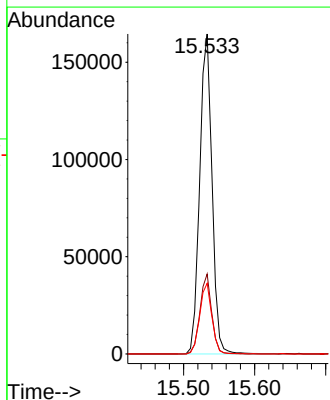
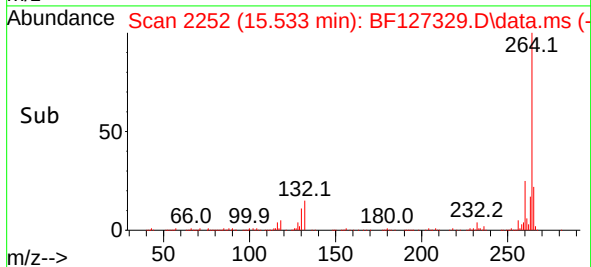
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

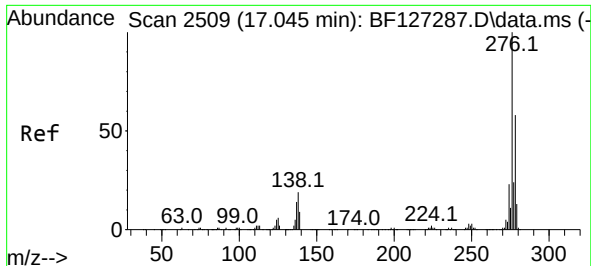


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2252
Delta R.T. -0.000 min
Lab File: BF127329.D
Acq: 15 Mar 2022 17:35



Tgt Ion:264 Resp: 198883
Ion Ratio Lower Upper
264 100
260 25.0 19.2 28.8
265 22.1 17.4 26.2





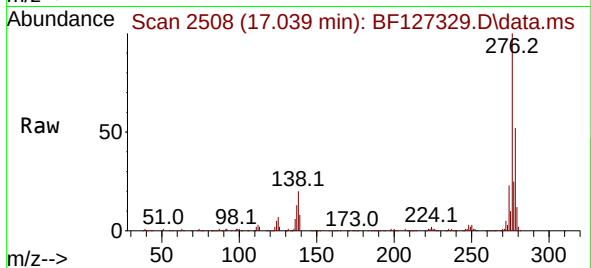
#87
Indeno(1,2,3-cd)pyrene
Concen: 52.686 ng
RT: 17.039 min Scan# 2178
Delta R.T. -0.006 min
Lab File: BF127329.D
Acq: 15 Mar 2022 17:35

Instrument :

BNA_F

ClientSampleId :

PB143346BS

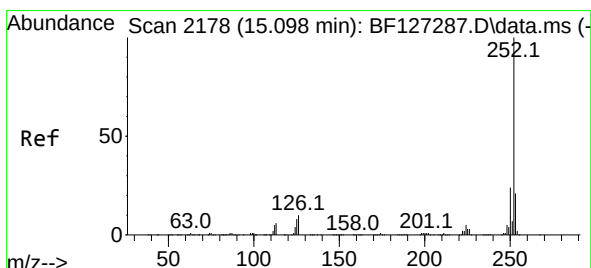
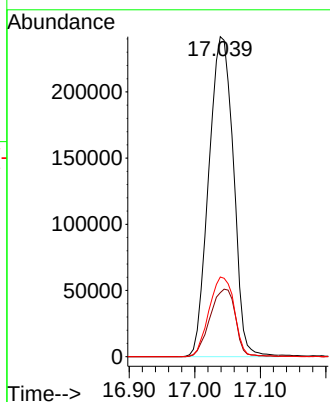
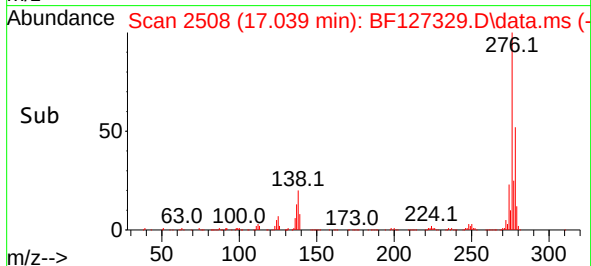


Tgt Ion:276 Resp: 631233
Ion Ratio Lower Upper
276 100
138 21.8 29.2 43.8
277 25.6 19.8 29.8

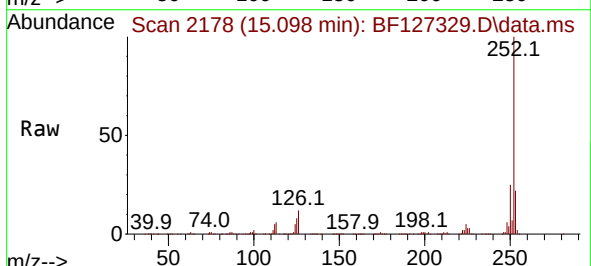
Manual Integrations

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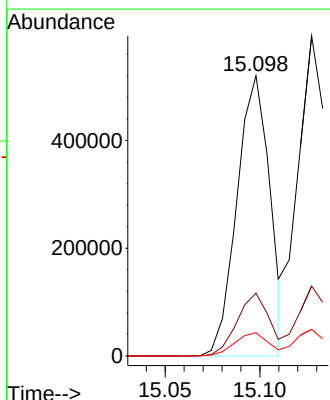
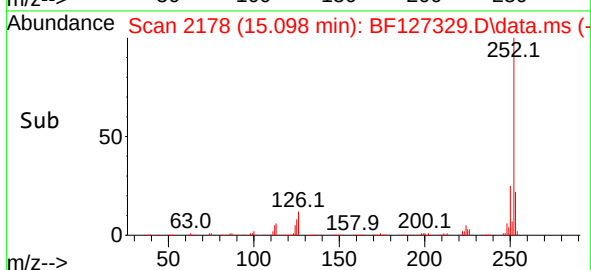
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

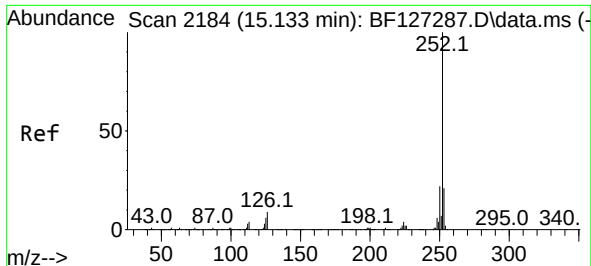


#88
Benzo(b)fluoranthene
Concen: 48.249 ng
RT: 15.098 min Scan# 2178
Delta R.T. -0.000 min
Lab File: BF127329.D
Acq: 15 Mar 2022 17:35



Tgt Ion:252 Resp: 629877
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 8.4 12.4 18.6





#89

Benzo(k)fluoranthene

Concen: 50.814 ng

RT: 15.127 min Scan# 2183

Delta R.T. -0.006 min

Lab File: BF127329.D

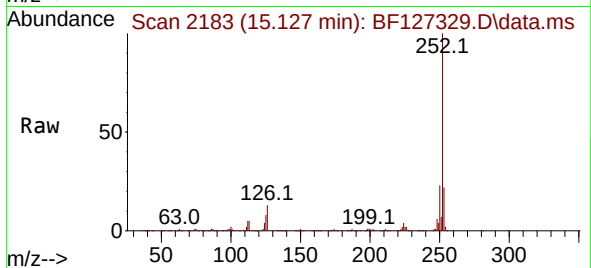
Acq: 15 Mar 2022 17:35

Instrument :

BNA_F

ClientSampleId :

PB143346BS



Tgt Ion:252 Resp: 623738

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

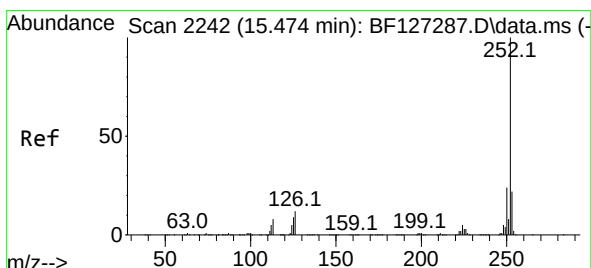
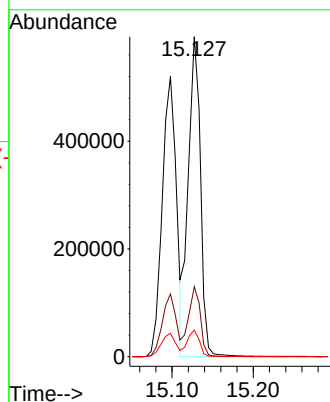
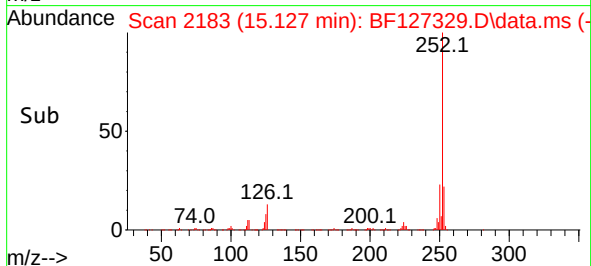
125 8.3 11.8 17.6

Manual Integrations

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Reviewed By :Christian Giraldo 03/16/2022

Supervised By :Jagrut Upadhyay 03/16/2022



#90

Benzo(a)pyrene

Concen: 58.358 ng

RT: 15.474 min Scan# 2242

Delta R.T. -0.000 min

Lab File: BF127329.D

Acq: 15 Mar 2022 17:35

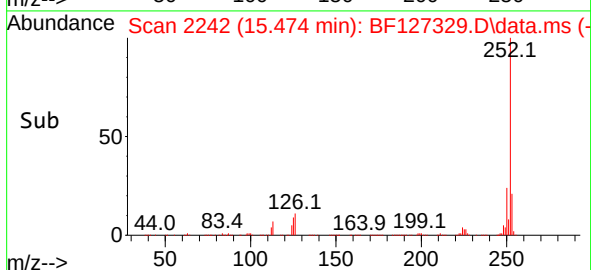
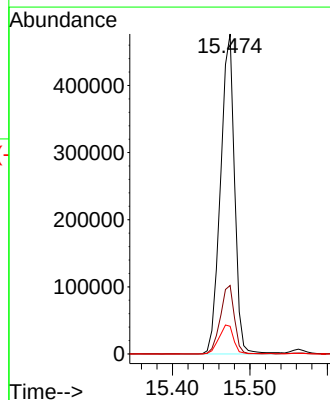
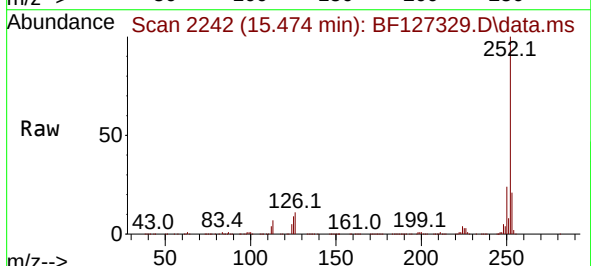
Tgt Ion:252 Resp: 599921

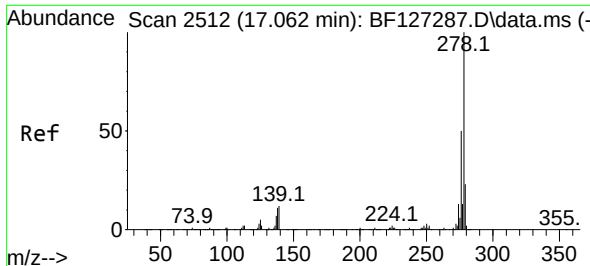
Ion Ratio Lower Upper

252 100

253 21.4 17.1 25.7

125 8.6 13.0 19.6#





#91
Dibenzo(a,h)anthracene
Concen: 54.843 ng
RT: 17.057 min Scan# 2511
Delta R.T. -0.006 min
Lab File: BF127329.D
Acq: 15 Mar 2022 17:35

Instrument :

BNA_F

ClientSampleId :

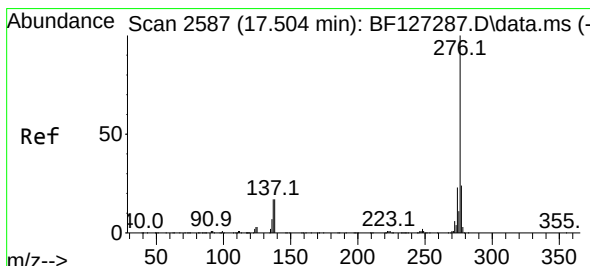
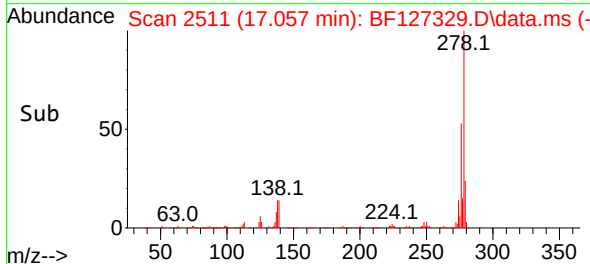
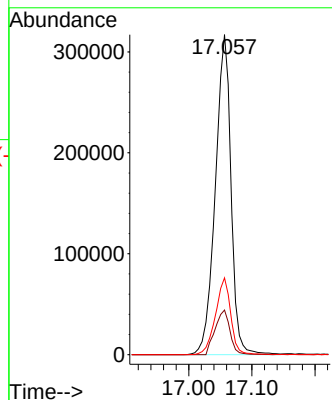
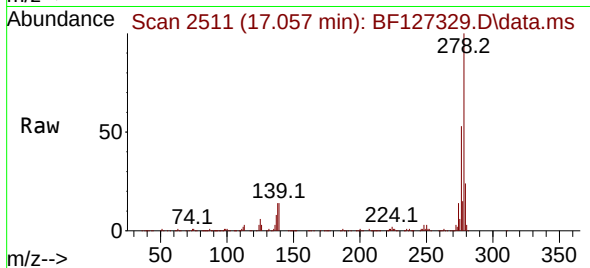
PB143346BS

Tgt Ion:278 Resp: 546870
Ion Ratio Lower Upper
278 100
139 14.0 18.0 27.0
279 24.0 18.6 27.8

Manual Integrations

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Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#92
Benzo(g,h,i)perylene
Concen: 56.547 ng
RT: 17.504 min Scan# 2587
Delta R.T. -0.000 min
Lab File: BF127329.D
Acq: 15 Mar 2022 17:35

Tgt Ion:276 Resp: 550017
Ion Ratio Lower Upper
276 100
277 24.8 18.5 27.7
138 17.8 25.9 38.9

