

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031722\
 Data File : BF127369.D
 Acq On : 17 Mar 2022 11:41
 Operator : CG\JU
 Sample : PB143399BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143399BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/18/2022
 Supervised By : Jagrut Upadhyay 03/18/2022

Quant Time: Mar 17 13:45:50 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	116588	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	431274	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	247273	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	423628	20.000	ng	# 0.00
76) Chrysene-d12	14.051	240	279309	20.000	ng	# 0.00
86) Perylene-d12	15.533	264	205271	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	856384	118.082	ng	0.02
7) Phenol-d6	6.516	99	1173240	117.596	ng	0.01
23) Nitrobenzene-d5	7.439	82	831142	79.589	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	312377	117.352	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1389688	79.456	ng	0.00
79) Terphenyl-d14	12.986	244	1490637	91.898	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.816	88	112816	30.001	ng	# 82
3) Pyridine	3.563	79	301353	30.115	ng	# 77
4) n-Nitrosodimethylamine	3.534	42	220750	39.816	ng	# 60
6) Aniline	6.534	93	444529	37.283	ng	# 86
8) 2-Chlorophenol	6.657	128	335608	44.731	ng	92
9) Benzaldehyde	6.428	77	224263	44.148	ng	96
10) Phenol	6.528	94	454233	41.446	ng	# 66
11) bis(2-Chloroethyl)ether	6.610	93	361457	44.412	ng	93
12) 1,3-Dichlorobenzene	6.810	146	356227	42.297	ng	99
13) 1,4-Dichlorobenzene	6.887	146	360104	42.621	ng	98
14) 1,2-Dichlorobenzene	7.040	146	341294	42.920	ng	97
15) Benzyl Alcohol	7.016	79	323339	43.239	ng	92
16) 2,2'-oxybis(1-Chloropr...	7.140	45	642129	42.042	ng	92
17) 2-Methylphenol	7.128	107	278843	43.718	ng	# 88
18) Hexachloroethane	7.375	117	138686	42.731	ng	# 79
19) n-Nitroso-di-n-propyla...	7.287	70	267205	42.918	ng	# 88
20) 3+4-Methylphenols	7.281	107	331239	40.044	ng	89
22) Acetophenone	7.287	105	461728	39.103	ng	# 85
24) Nitrobenzene	7.457	77	422306	42.756	ng	91
25) Isophorone	7.698	82	781839	46.560	ng	98
26) 2-Nitrophenol	7.769	139	174602	42.686	ng	# 72
27) 2,4-Dimethylphenol	7.810	122	312049	50.820	ng	93
28) bis(2-Chloroethoxy)met...	7.898	93	452968	42.573	ng	97
29) 2,4-Dichlorophenol	8.016	162	299020	42.522	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	342182	42.683	ng	99
31) Naphthalene	8.175	128	967392	42.050	ng	99
32) Benzoic acid	7.969	122	162513	39.446	ng	92
33) 4-Chloroaniline	8.228	127	209755	23.522	ng	94
34) Hexachlorobutadiene	8.281	225	221429	41.420	ng	97
35) Caprolactam	8.622	113	97195m	46.267	ng	
36) 4-Chloro-3-methylphenol	8.716	107	323621	42.461	ng	99
37) 2-Methylnaphthalene	8.869	142	637207	42.389	ng	96
38) 1-Methylnaphthalene	8.969	142	605670	41.910	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	328174	41.924	ng	# 95
41) Hexachlorocyclopentadiene	9.016	237	337031	101.461	ng	95
43) 2,4,6-Trichlorophenol	9.151	196	202903	41.069	ng	96

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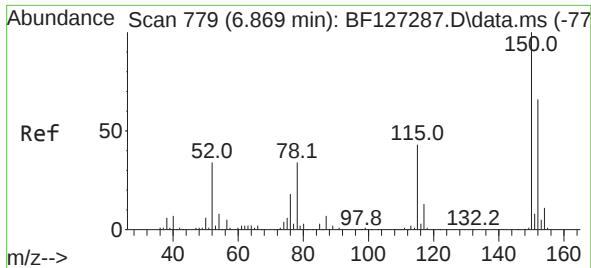
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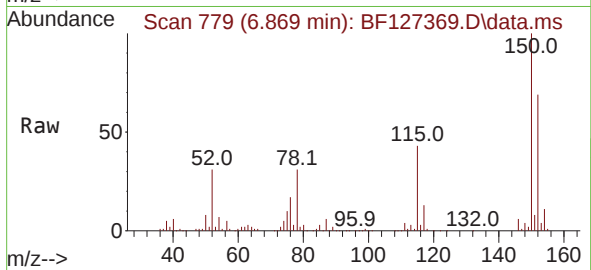
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	212593m	40.544	ng	
46) 1,1'-Biphenyl	9.333	154	770418	41.281	ng	97
47) 2-Chloronaphthalene	9.357	162	609247	41.937	ng	99
48) 2-Nitroaniline	9.463	65	233247	41.729	ng	91
49) Acenaphthylene	9.775	152	965497	43.428	ng	98
50) Dimethylphthalate	9.639	163	728318	41.104	ng	# 99
51) 2,6-Dinitrotoluene	9.704	165	156034	43.534	ng	# 87
52) Acenaphthene	9.945	154	545953	41.197	ng	97
53) 3-Nitroaniline	9.875	138	110093	28.187	ng	93
54) 2,4-Dinitrophenol	9.992	184	149474	75.883	ng	88
55) Dibenzofuran	10.122	168	802551	38.981	ng	99
56) 4-Nitrophenol	10.051	139	170858	71.970	ng	# 67
57) 2,4-Dinitrotoluene	10.110	165	194762	41.300	ng	# 90
58) Fluorene	10.463	166	631076	39.530	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	174605	40.070	ng	# 80
60) Diethylphthalate	10.333	149	651989	40.340	ng	97
61) 4-Chlorophenyl-phenyle...	10.451	204	341414	39.462	ng	88
62) 4-Nitroaniline	10.504	138	135861	34.907	ng	# 85
63) Azobenzene	10.616	77	737962	39.721	ng	89
65) 4,6-Dinitro-2-methylph...	10.522	198	106730	40.862	ng	83
66) n-Nitrosodiphenylamine	10.575	169	546682	41.552	ng	98
67) 4-Bromophenyl-phenylether	10.945	248	216374	42.371	ng	# 90
68) Hexachlorobenzene	11.010	284	237670	42.705	ng	# 88
69) Atrazine	11.104	200	207730	45.756	ng	94
70) Pentachlorophenol	11.210	266	204630	91.067	ng	97
71) Phenanthrene	11.433	178	916839	40.998	ng	99
72) Anthracene	11.480	178	923480	41.698	ng	100
73) Carbazole	11.639	167	807306	38.709	ng	98
74) Di-n-butylphthalate	11.957	149	1000317	41.007	ng	99
75) Fluoranthene	12.621	202	998844	39.947	ng	92
77) Benzidine	12.739	184	337249	47.481	ng	97
78) Pyrene	12.851	202	1000229	45.976	ng	99
80) Butylbenzylphthalate	13.457	149	378370	45.191	ng	# 96
81) Benzo(a)anthracene	14.039	228	787839	41.892	ng	98
82) 3,3'-Dichlorobenzidine	13.998	252	175127	29.949	ng	# 96
83) Chrysene	14.080	228	739746	42.290	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	503087	44.636	ng	# 98
85) Di-n-octyl phthalate	14.627	149	743233	43.568	ng	97
87) Indeno(1,2,3-cd)pyrene	17.045	276	565331	45.717	ng	# 84
88) Benzo(b)fluoranthene	15.098	252	636007	47.203	ng	# 93
89) Benzo(k)fluoranthene	15.127	252	556075	43.892	ng	# 93
90) Benzo(a)pyrene	15.474	252	552124	52.037	ng	# 92
91) Dibenzo(a,h)anthracene	17.057	278	493739	47.973	ng	# 90
92) Benzo(g,h,i)perylene	17.504	276	492759	49.083	ng	# 84

(#) = 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: BF127369.D
Acq: 17 Mar 2022 11:41

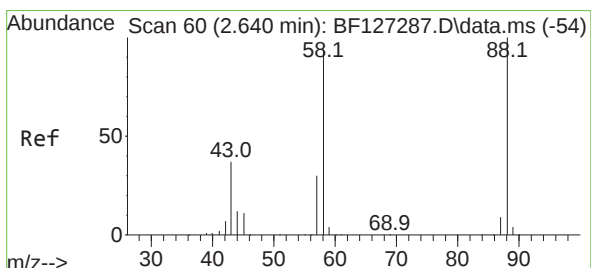
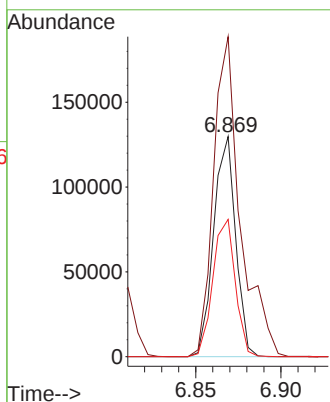
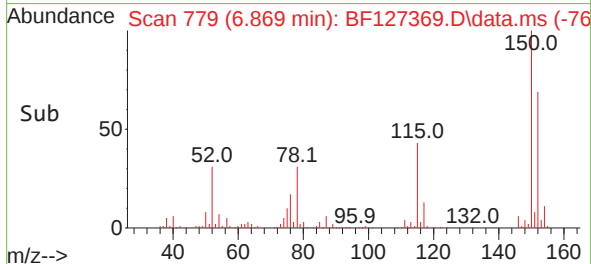
Instrument :
BNA_F
ClientSampleId :
PB143399BS



Tgt Ion:152 Resp: 116588
Ion Ratio Lower Upper
152 100
150 145.3 128.1 192.1
115 62.4 56.7 85.1

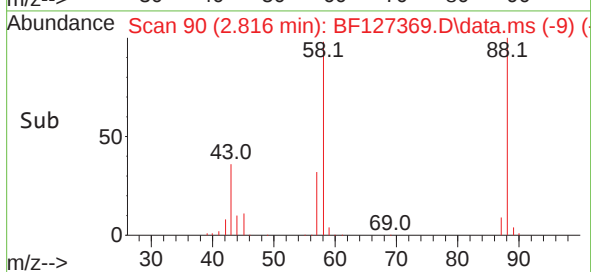
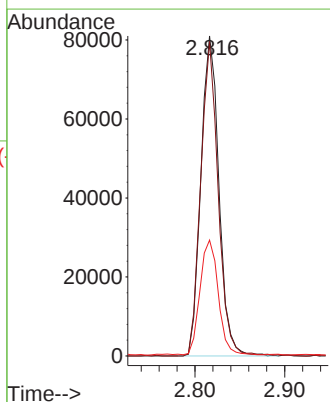
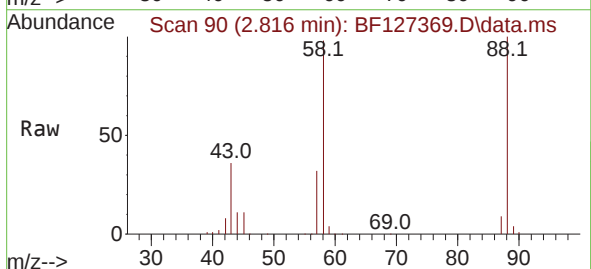
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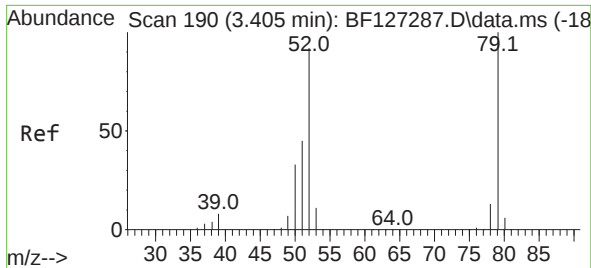
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022



#2
1,4-Dioxane
Concen: 30.001 ng
RT: 2.816 min Scan# 90
Delta R.T. 0.176 min
Lab File: BF127369.D
Acq: 17 Mar 2022 11:41

Tgt Ion: 88 Resp: 112816
Ion Ratio Lower Upper
88 100
58 95.5 62.8 94.2#
43 36.0 22.3 33.5#





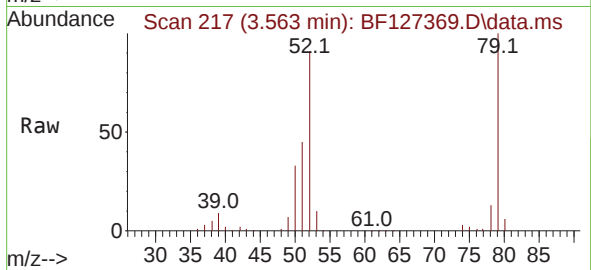
#3
Pyridine
Concen: 30.115 ng
RT: 3.563 min Scan# 217
Delta R.T. 0.159 min
Lab File: BF127369.D
Acq: 17 Mar 2022 11:41

Instrument :

BNA_F

ClientSampleId :

PB143399BS

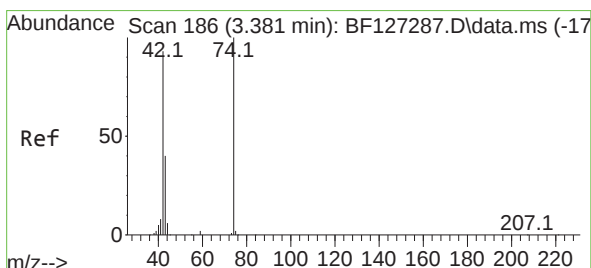
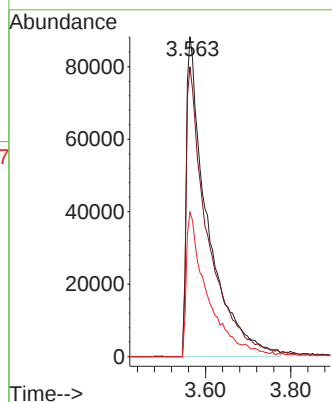
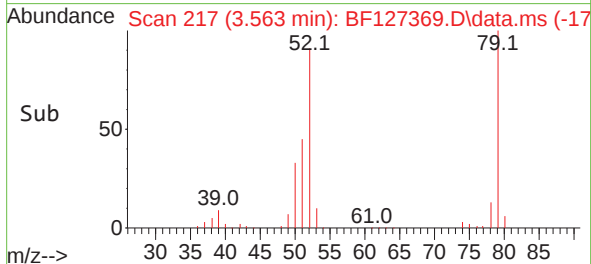


Tgt Ion: 79 Resp: 30135
Ion Ratio Lower Upper
79 100
52 90.6 56.2 84.4
51 45.1 26.7 40.1

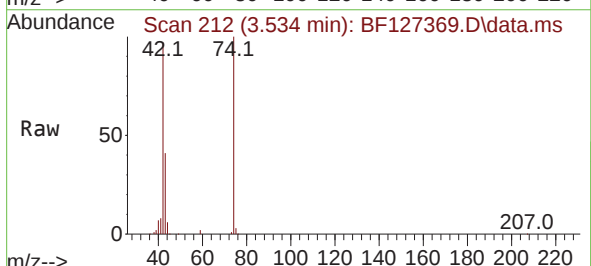
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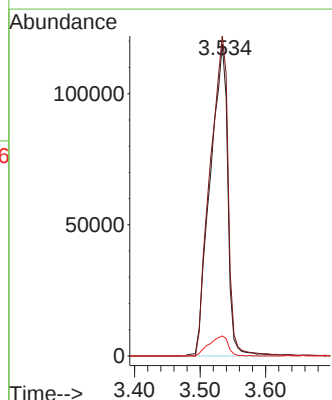
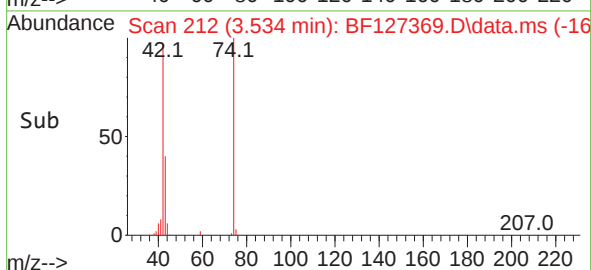
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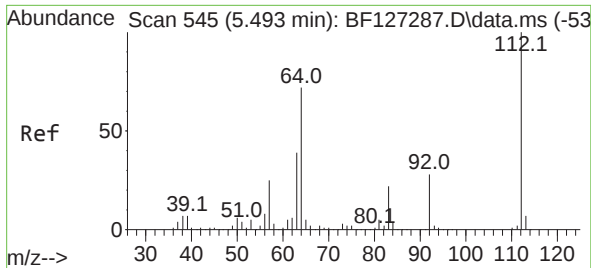


#4
n-Nitrosodimethylamine
Concen: 39.816 ng
RT: 3.534 min Scan# 212
Delta R.T. 0.153 min
Lab File: BF127369.D
Acq: 17 Mar 2022 11:41



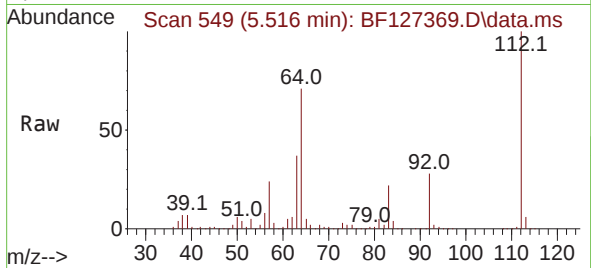
Tgt Ion: 42 Resp: 220750
Ion Ratio Lower Upper
42 100
74 102.6 125.6 188.4
44 6.4 5.7 8.5





#5
2-Fluorophenol
Concen: 118.082 ng
RT: 5.516 min Scan# 549
Delta R.T. 0.023 min
Lab File: BF127369.D
Acq: 17 Mar 2022 11:41

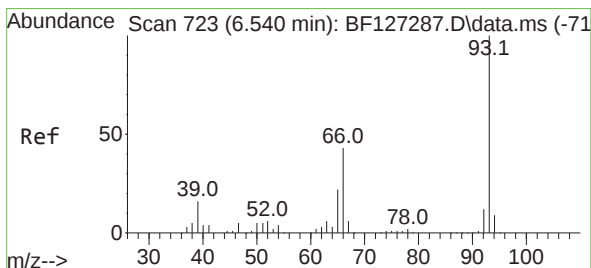
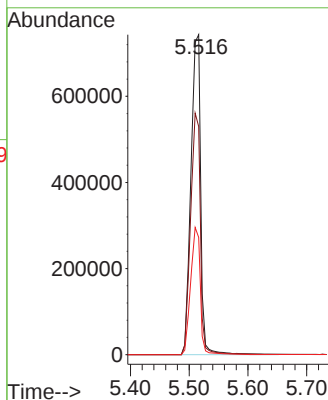
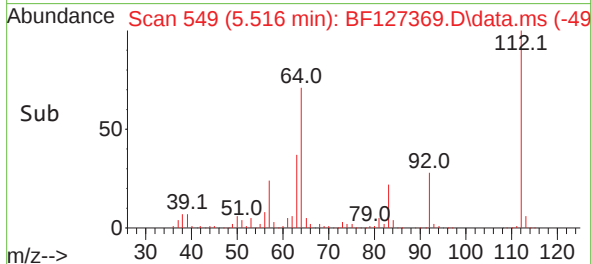
Instrument :
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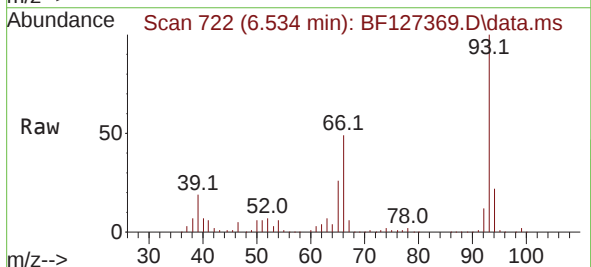
Tgt Ion:112 Resp: 856384
Ion Ratio Lower Upper
112 100
64 71.3 49.5 74.3
63 36.7 23.9 35.9

Manual Integrations
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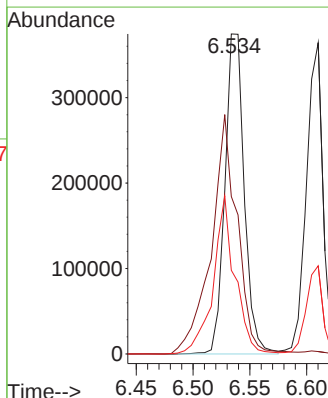
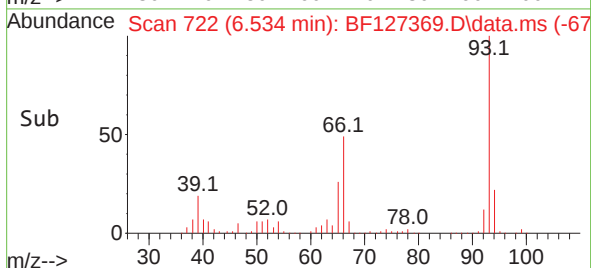
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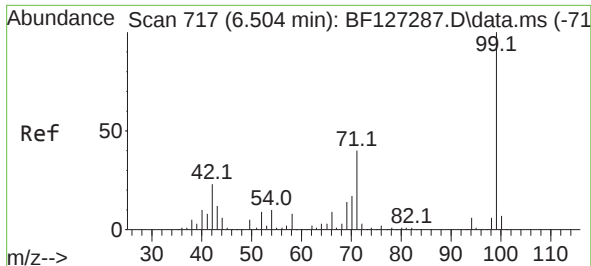


#6
Aniline
Concen: 37.283 ng
RT: 6.534 min Scan# 722
Delta R.T. -0.006 min
Lab File: BF127369.D
Acq: 17 Mar 2022 11:41



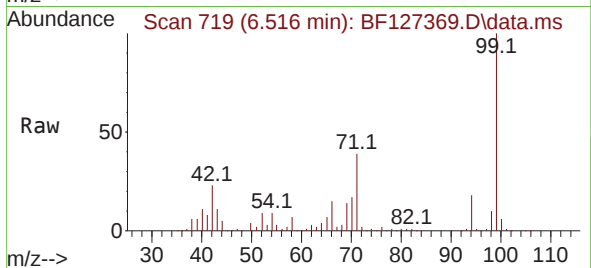
Tgt Ion: 93 Resp: 444529
Ion Ratio Lower Upper
93 100
66 49.2 32.2 48.4#
65 26.2 16.3 24.5#





#7
Phenol-d6
Concen: 117.596 ng
RT: 6.516 min Scan# 719
Delta R.T. 0.012 min
Lab File: BF127369.D
Acq: 17 Mar 2022 11:41

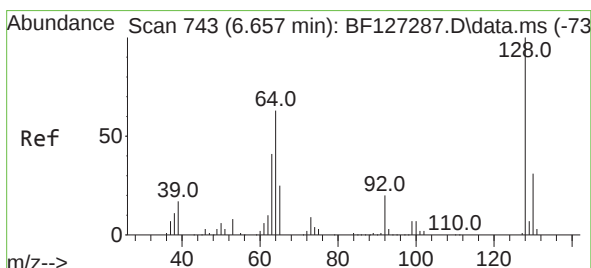
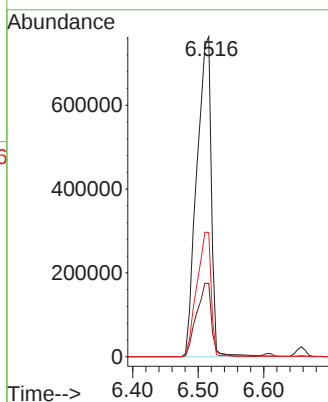
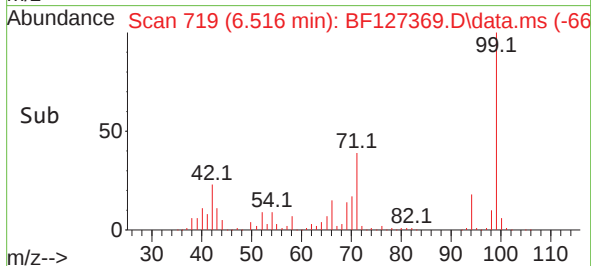
Instrument :
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Tgt Ion: 99 Resp: 1173240
Ion Ratio Lower Upper
99 100
42 22.9 14.2 21.4
71 38.8 24.3 36.5

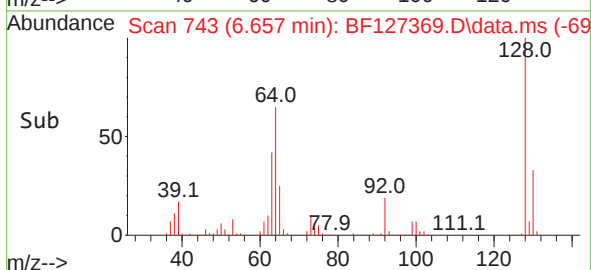
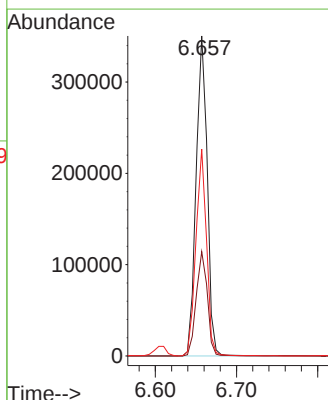
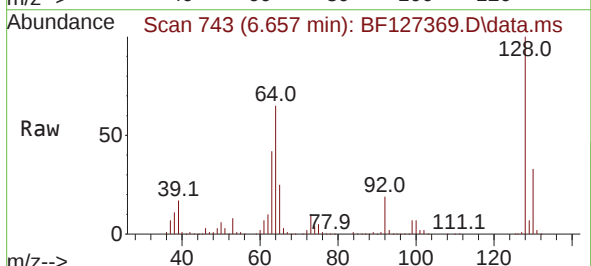
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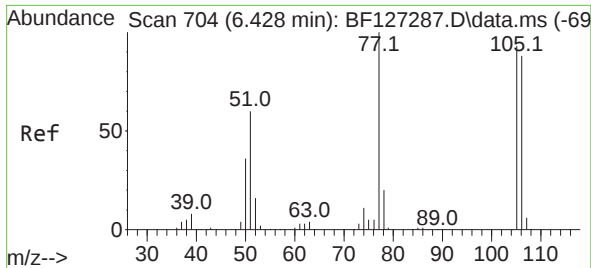
Reviewed By :Christian Giraldo 03/18/2022
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#8
2-Chlorophenol
Concen: 44.731 ng
RT: 6.657 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF127369.D
Acq: 17 Mar 2022 11:41

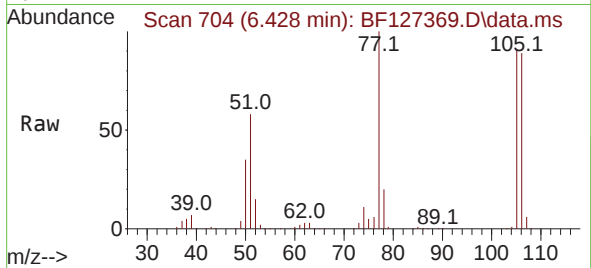
Tgt Ion:128 Resp: 335608
Ion Ratio Lower Upper
128 100
130 32.6 12.7 52.7
64 64.6 35.6 75.6





#9
Benzaldehyde
Concen: 44.148 ng
RT: 6.428 min Scan# 704
Delta R.T. -0.000 min
Lab File: BF127369.D
Acq: 17 Mar 2022 11:41

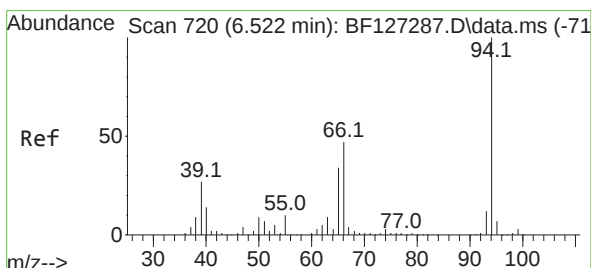
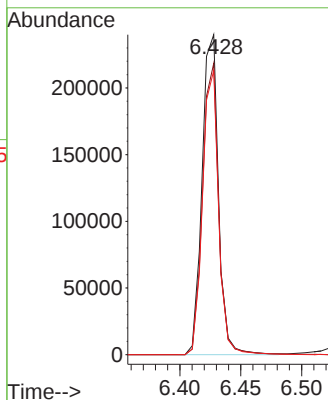
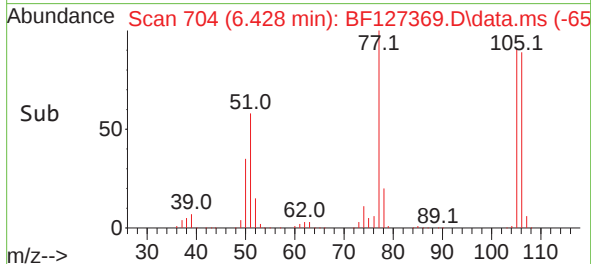
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 77 Resp: 22426
Ion Ratio Lower Upper
77 100
105 91.0 74.9 114.9
106 88.8 72.4 112.4

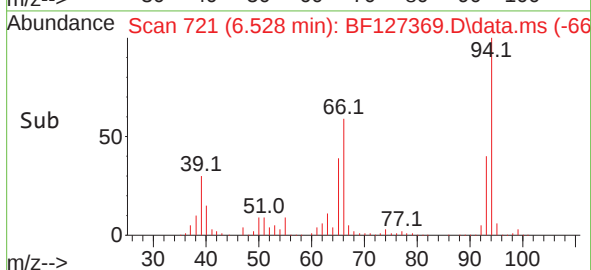
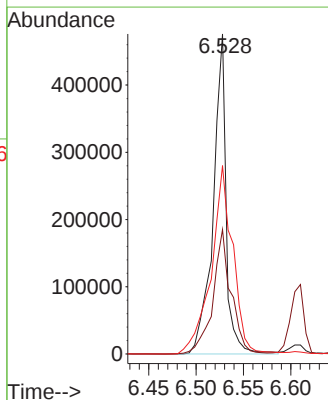
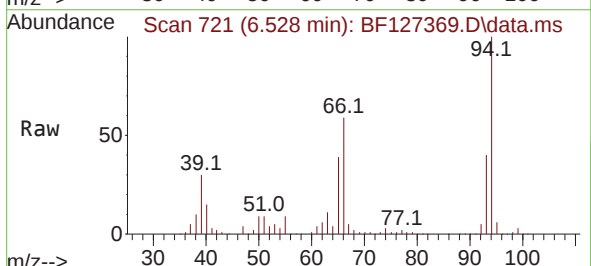
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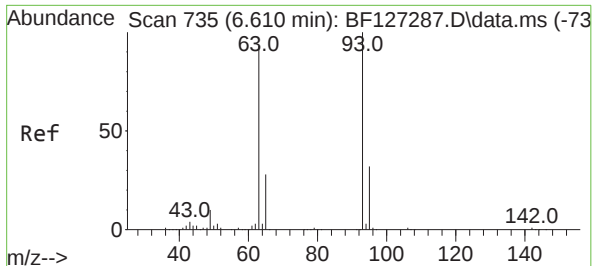
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022



#10
Phenol
Concen: 41.446 ng
RT: 6.528 min Scan# 721
Delta R.T. 0.006 min
Lab File: BF127369.D
Acq: 17 Mar 2022 11:41

Tgt Ion: 94 Resp: 454233
Ion Ratio Lower Upper
94 100
65 38.9 7.2 47.2
66 58.9 14.5 54.5#





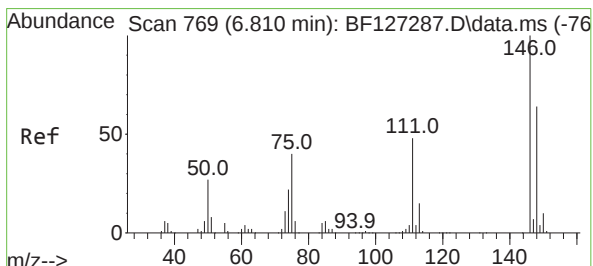
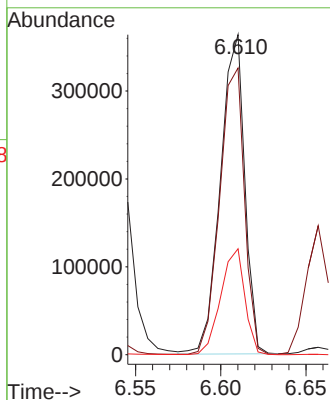
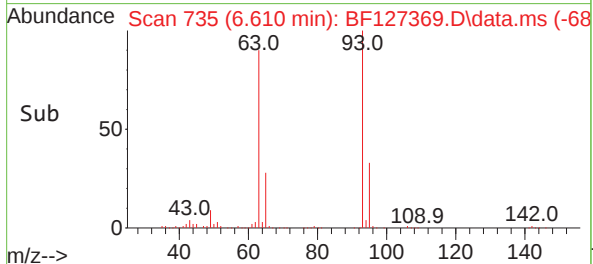
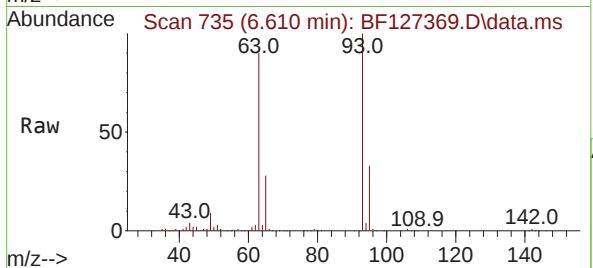
#11
bis(2-Chloroethyl)ether
Concen: 44.412 ng
RT: 6.610 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF127369.D
Acq: 17 Mar 2022 11:41

Instrument :
BNA_F
ClientSampleId :
PB143399BS

Tgt Ion: 93 Resp: 36145
Ion Ratio Lower Upper
93 100
63 89.6 60.5 100.5
95 33.1 12.9 52.9

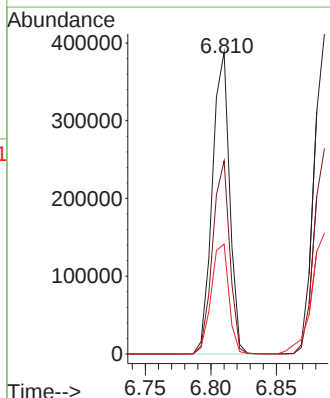
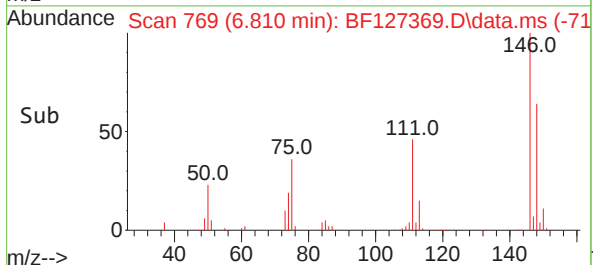
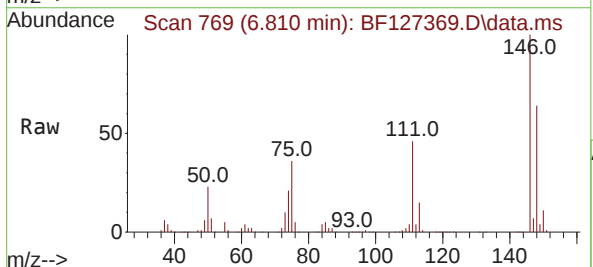
Manual Integrations
APPROVED

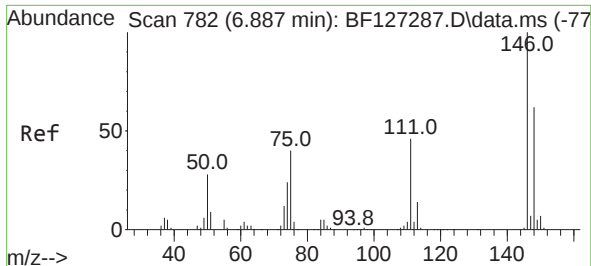
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022



#12
1,3-Dichlorobenzene
Concen: 42.297 ng
RT: 6.810 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF127369.D
Acq: 17 Mar 2022 11:41

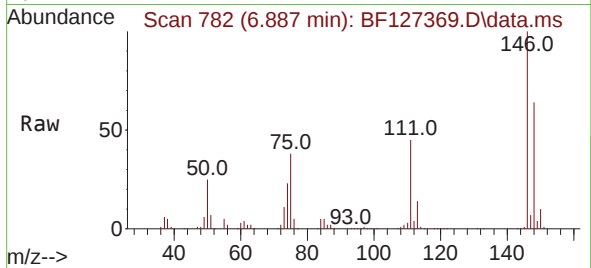
Tgt Ion:146 Resp: 356227
Ion Ratio Lower Upper
146 100
148 63.9 50.9 76.3
75 36.4 28.4 42.6





#13
1,4-Dichlorobenzene
Concen: 42.621 ng
RT: 6.887 min Scan# 782
Delta R.T. -0.000 min
Lab File: BF127369.D
Acq: 17 Mar 2022 11:41

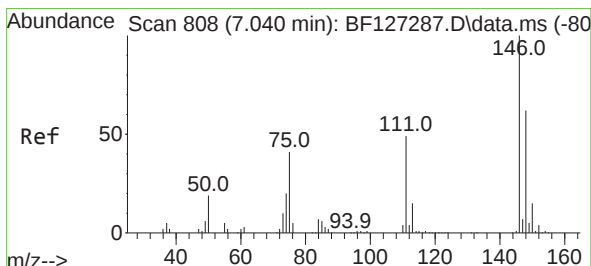
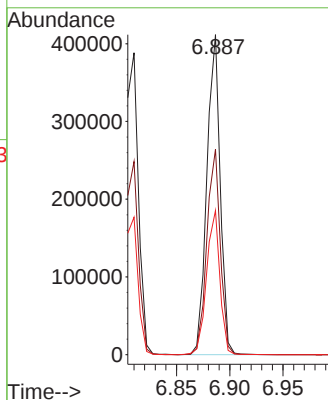
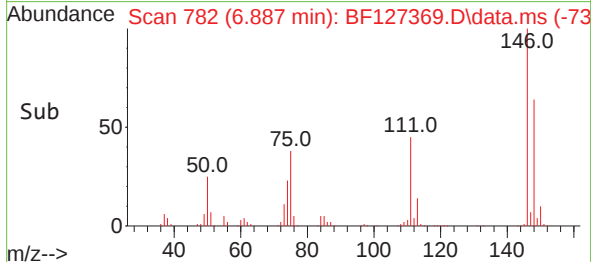
Instrument :
BNA_F
ClientSampleId :
PB143399BS



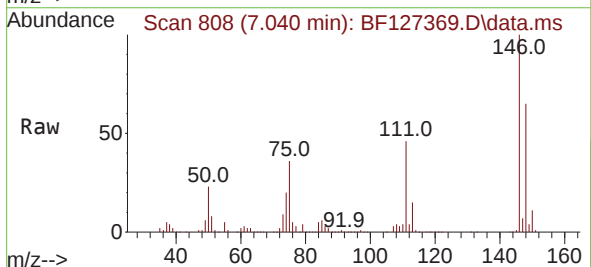
Tgt Ion:146 Resp: 360104
Ion Ratio Lower Upper
146 100
148 64.2 49.8 74.6
111 45.1 36.1 54.1

Manual Integrations
APPROVED

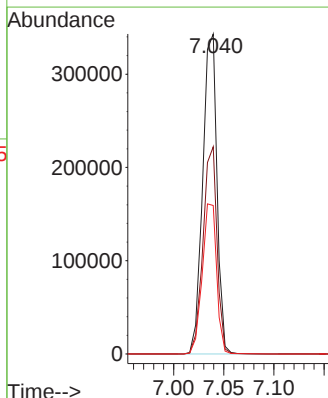
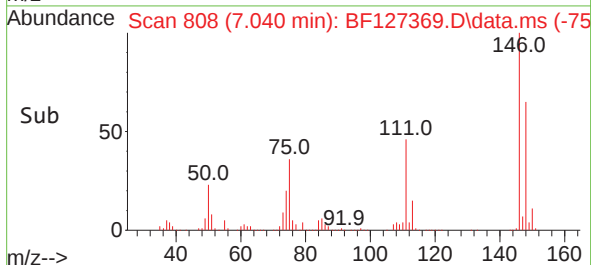
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022

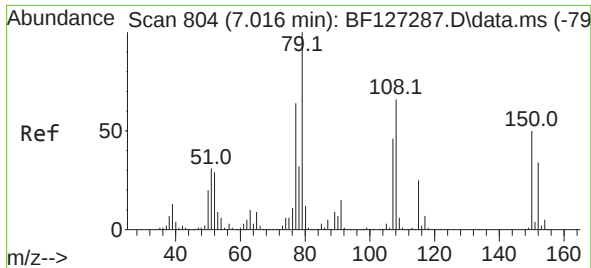


#14
1,2-Dichlorobenzene
Concen: 42.920 ng
RT: 7.040 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF127369.D
Acq: 17 Mar 2022 11:41



Tgt Ion:146 Resp: 341294
Ion Ratio Lower Upper
146 100
148 64.8 51.6 77.4
111 46.4 40.2 60.2





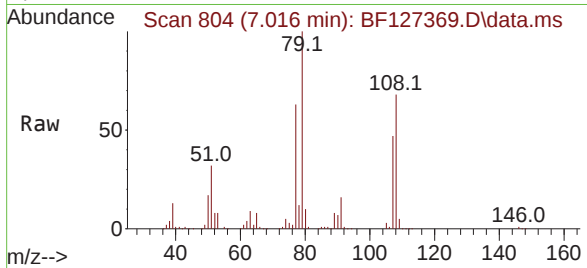
#15
Benzyl Alcohol
Concen: 43.239 ng
RT: 7.016 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF127369.D
Acq: 17 Mar 2022 11:41

Instrument :

BNA_F

ClientSampleId :

PB143399BS

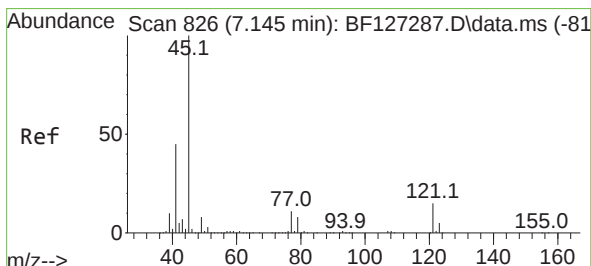
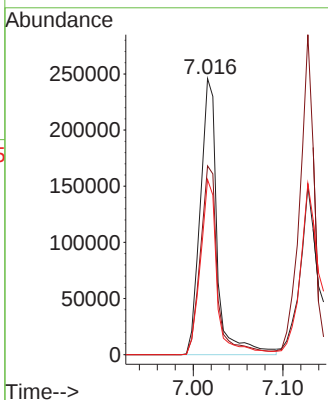
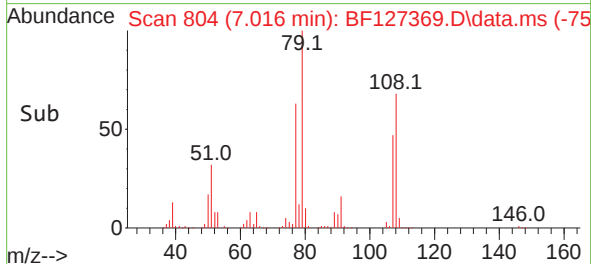


Tgt Ion: 79 Resp: 323339
Ion Ratio Lower Upper
79 100
108 68.4 63.2 94.8
77 63.4 49.4 74.2

Manual Integrations

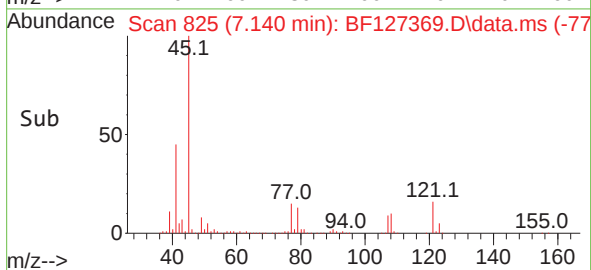
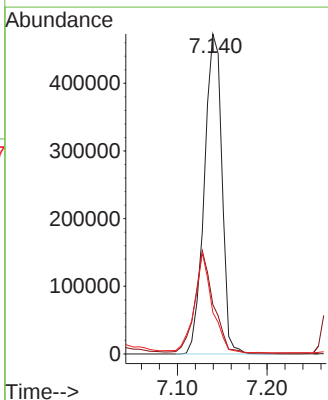
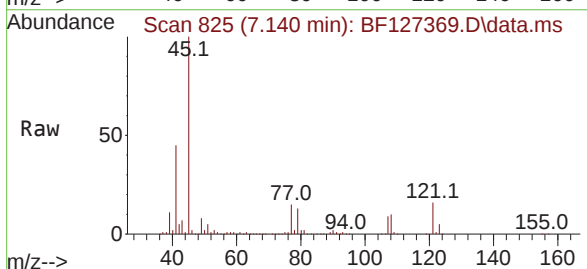
APPROVED

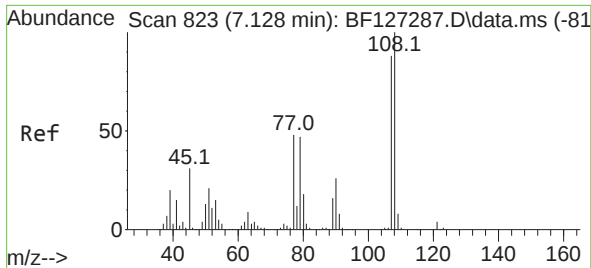
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.042 ng
RT: 7.140 min Scan# 825
Delta R.T. -0.006 min
Lab File: BF127369.D
Acq: 17 Mar 2022 11:41

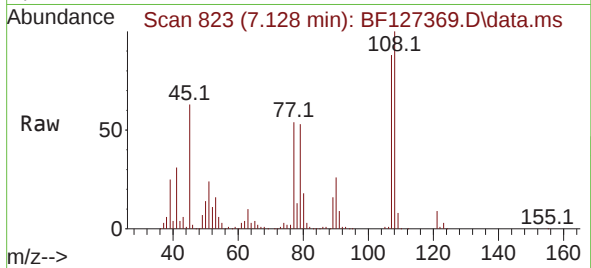
Tgt Ion: 45 Resp: 642129
Ion Ratio Lower Upper
45 100
77 15.5 0.0 32.4
79 13.0 0.0 29.8





#17
2-Methylphenol
Concen: 43.718 ng
RT: 7.128 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF127369.D
Acq: 17 Mar 2022 11:41

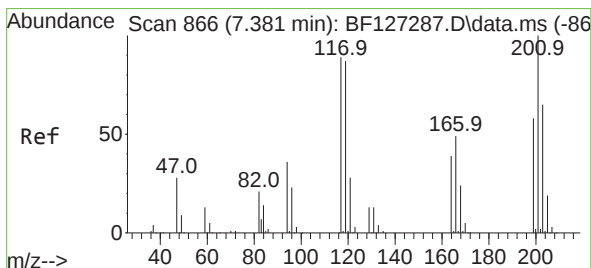
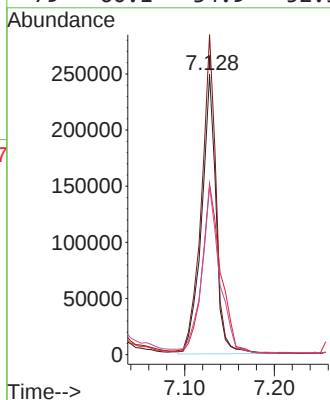
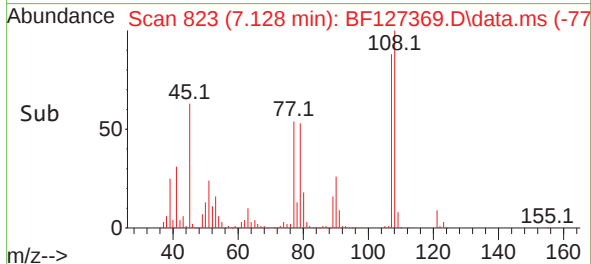
Instrument :
BNA_F
ClientSampleId :
PB143399BS



Tgt Ion:107 Resp: 27884
Ion Ratio Lower Upper
107 100
108 114.2 93.4 140.0
77 61.1 36.1 54.1
79 60.1 34.9 52.3#

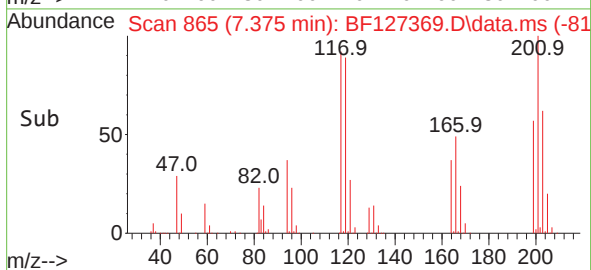
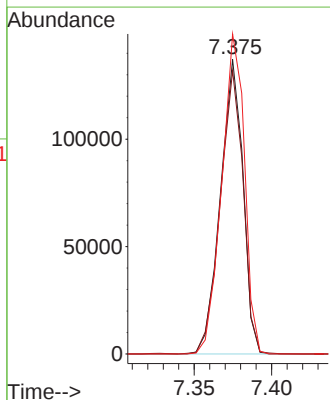
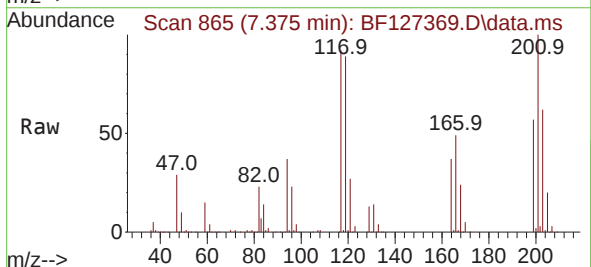
Manual Integrations
APPROVED

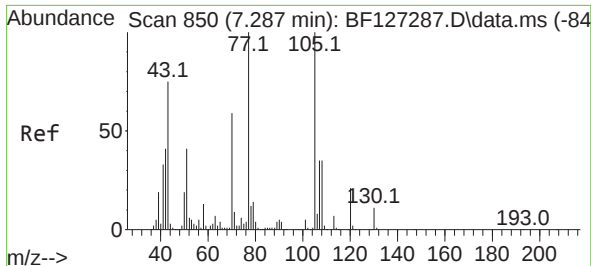
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022



#18
Hexachloroethane
Concen: 42.731 ng
RT: 7.375 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF127369.D
Acq: 17 Mar 2022 11:41

Tgt Ion:117 Resp: 138686
Ion Ratio Lower Upper
117 100
119 96.3 75.4 113.0
201 108.6 56.8 85.2#





#19

n-Nitroso-di-n-propylamine

Concen: 42.918 ng

RT: 7.287 min Scan# 850

Delta R.T. -0.000 min

Lab File: BF127369.D

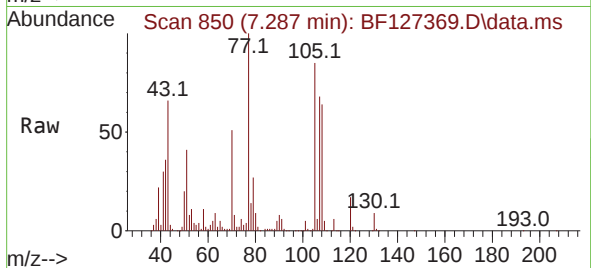
Acq: 17 Mar 2022 11:41

Instrument :

BNA_F

ClientSampleId :

PB143399BS



Tgt Ion: 70 Resp: 26720

Ion Ratio Lower Upper

70 100

42 70.2 45.8 68.8

101 8.9 6.9 10.3

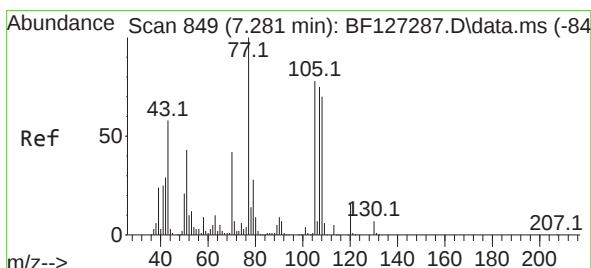
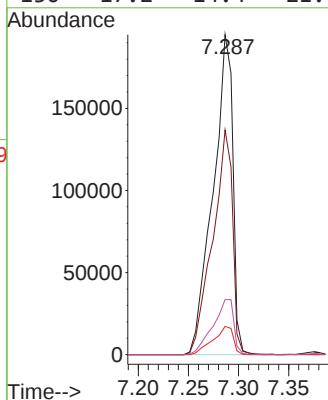
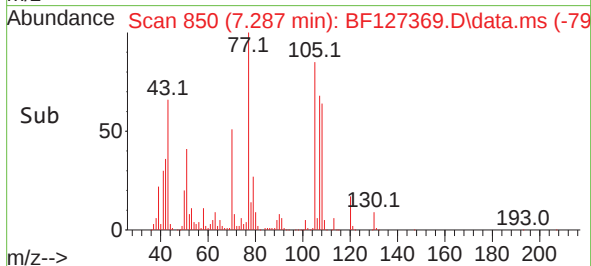
130 17.2 14.4 21.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/18/2022

Supervised By :Jagrut Upadhyay 03/18/2022



#20

3+4-Methylphenols

Concen: 40.044 ng

RT: 7.281 min Scan# 849

Delta R.T. -0.000 min

Lab File: BF127369.D

Acq: 17 Mar 2022 11:41

Tgt Ion:107 Resp: 331239

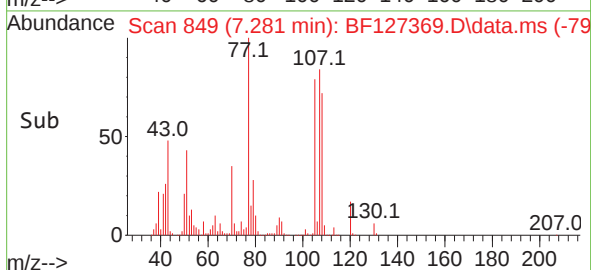
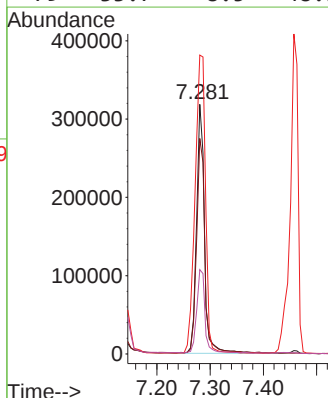
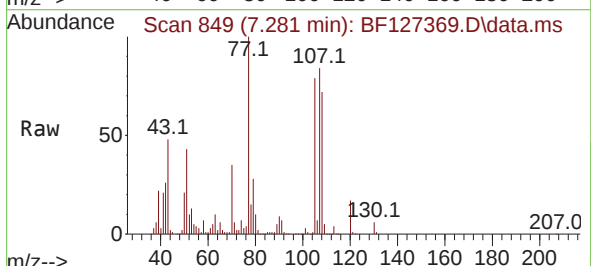
Ion Ratio Lower Upper

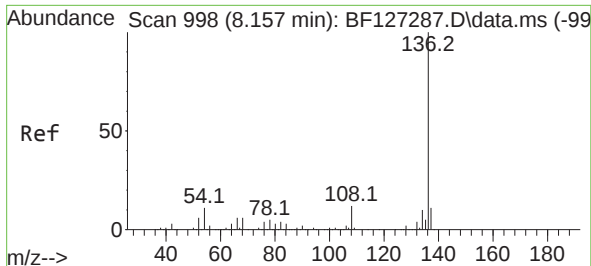
107 100

108 86.3 72.4 112.4

77 119.7 83.8 123.8

79 33.7 8.5 48.5





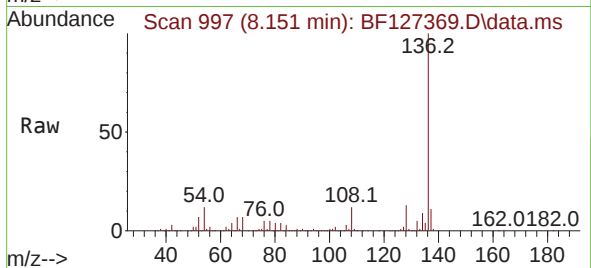
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF127369.D
Acq: 17 Mar 2022 11:41

Instrument :

BNA_F

ClientSampleId :

PB143399BS

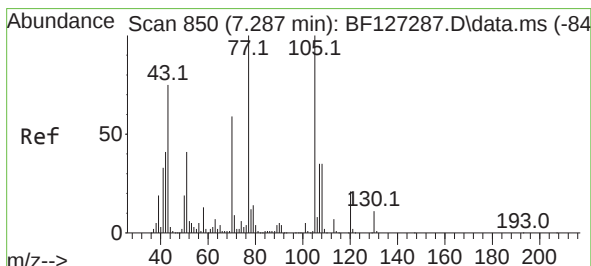
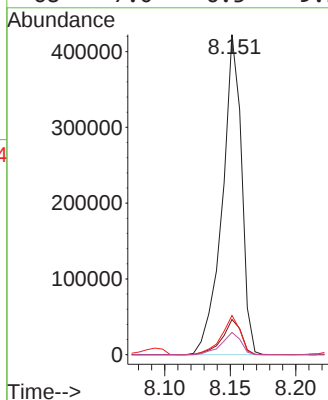
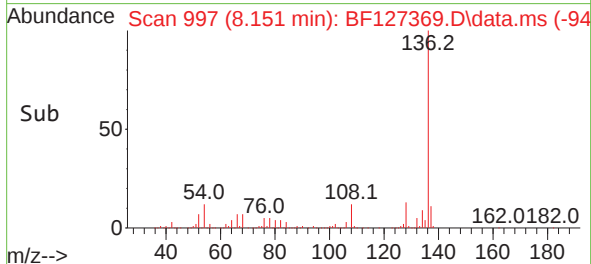


Tgt Ion:136 Resp: 431274
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 12.3 7.8 11.6
68 7.0 6.3 9.5

Manual Integrations

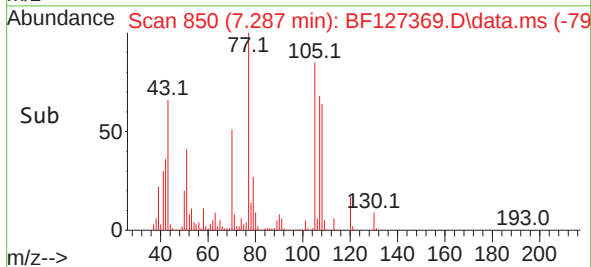
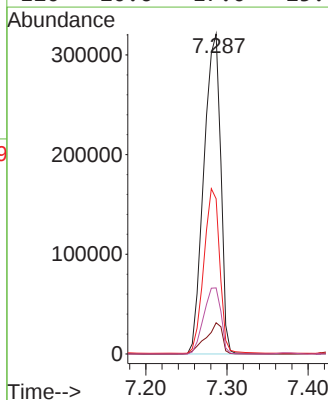
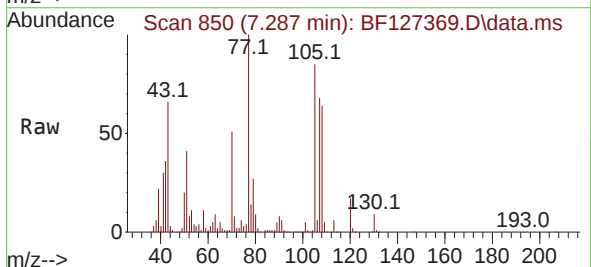
APPROVED

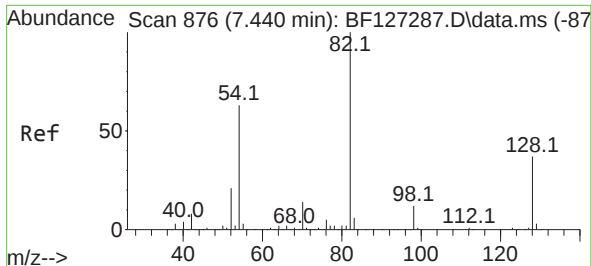
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022



#22
Acetophenone
Concen: 39.103 ng
RT: 7.287 min Scan# 850
Delta R.T. -0.000 min
Lab File: BF127369.D
Acq: 17 Mar 2022 11:41

Tgt Ion:105 Resp: 461728
Ion Ratio Lower Upper
105 100
71 9.7 5.4 8.0#
51 48.5 27.4 41.0#
120 20.6 17.0 25.6





#23

Nitrobenzene-d5

Concen: 79.589 ng

RT: 7.439 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF127369.D

Acq: 17 Mar 2022 11:41

Instrument :

BNA_F

ClientSampleId :

PB143399BS

Tgt Ion: 82 Resp: 83114

Ion Ratio Lower Upper

82 100

128 36.5 32.7 49.1

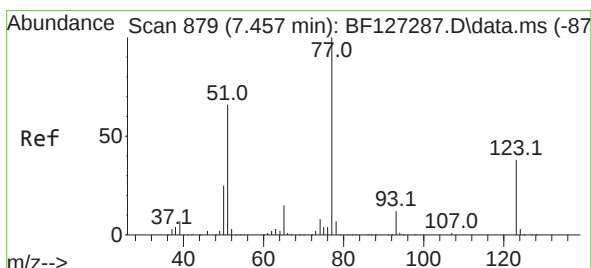
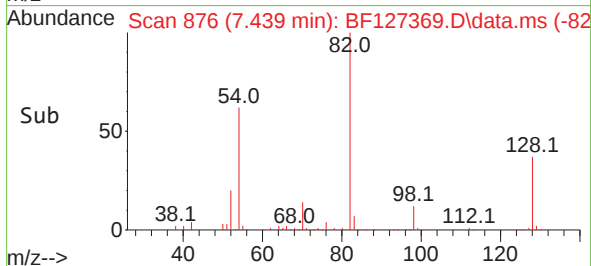
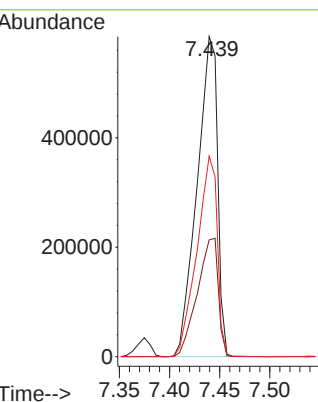
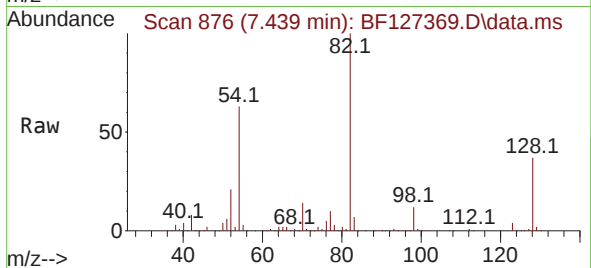
54 62.7 41.7 62.5

Manual Integrations

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Reviewed By :Christian Giraldo 03/18/2022

Supervised By :Jagrut Upadhyay 03/18/2022



#24

Nitrobenzene

Concen: 42.756 ng

RT: 7.457 min Scan# 879

Delta R.T. -0.000 min

Lab File: BF127369.D

Acq: 17 Mar 2022 11:41

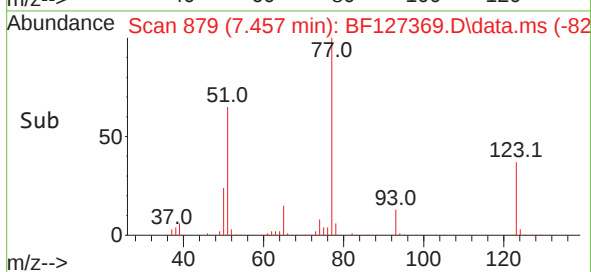
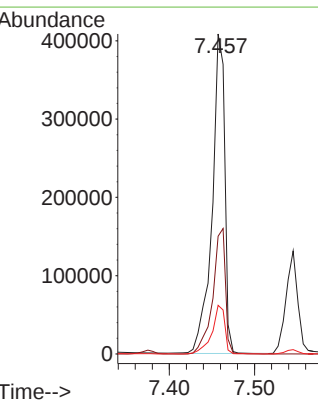
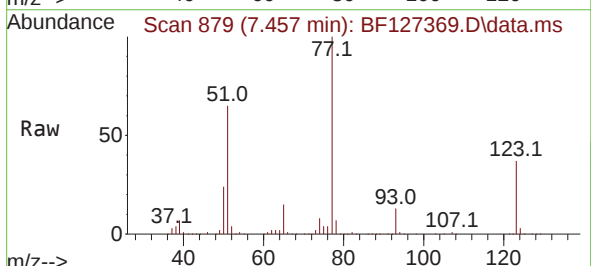
Tgt Ion: 77 Resp: 422306

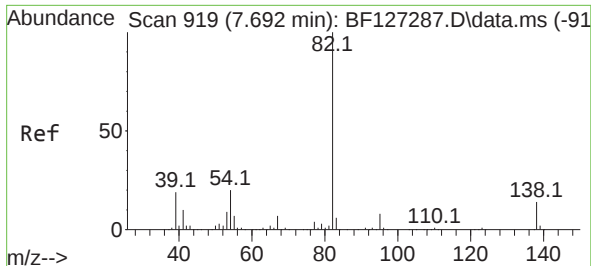
Ion Ratio Lower Upper

77 100

123 36.8 34.6 52.0

65 15.2 10.6 15.8





#25
Isophorone
Concen: 46.560 ng
RT: 7.698 min Scan# 919
Delta R.T. 0.006 min
Lab File: BF127369.D
Acq: 17 Mar 2022 11:41

Instrument :

BNA_F

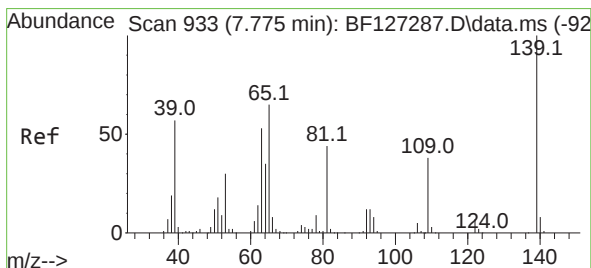
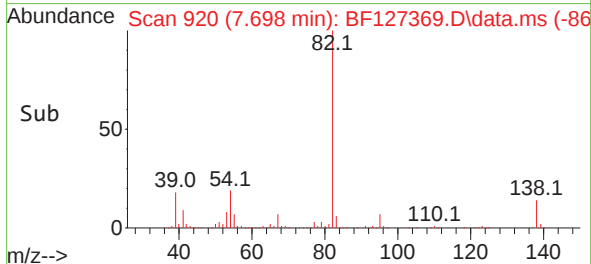
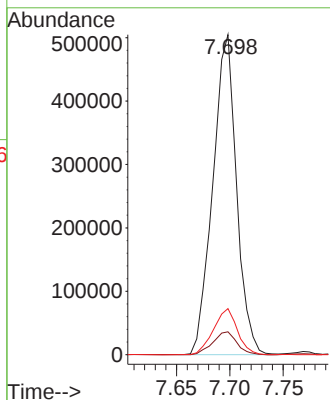
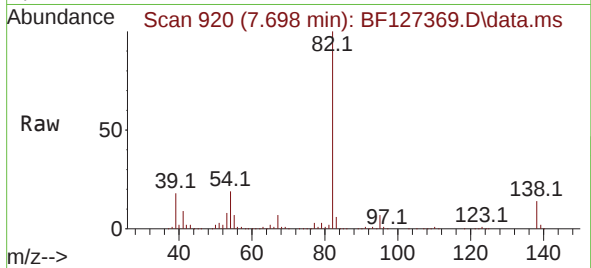
ClientSampleId :

PB143399BS

Tgt Ion: 82 Resp: 781839
Ion Ratio Lower Upper
82 100
95 7.1 5.0 7.4
138 14.4 12.3 18.5

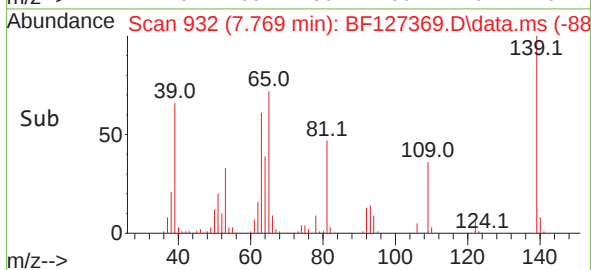
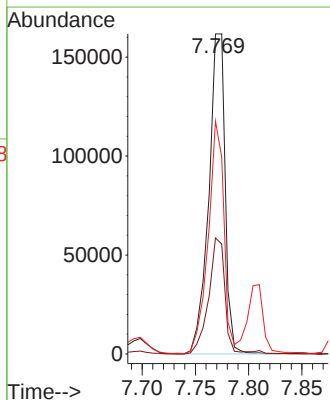
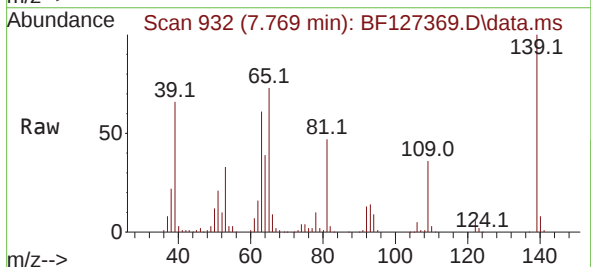
Manual Integrations
APPROVED

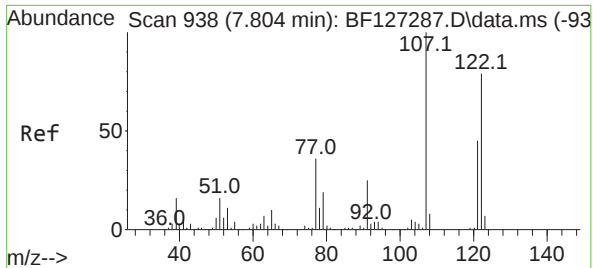
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022



#26
2-Nitrophenol
Concen: 42.686 ng
RT: 7.769 min Scan# 932
Delta R.T. -0.006 min
Lab File: BF127369.D
Acq: 17 Mar 2022 11:41

Tgt Ion:139 Resp: 174602
Ion Ratio Lower Upper
139 100
109 36.3 20.0 30.0#
65 72.8 40.8 61.2#





#27
2,4-Dimethylphenol
Concen: 50.820 ng
RT: 7.810 min Scan# 910
Delta R.T. 0.006 min
Lab File: BF127369.D
Acq: 17 Mar 2022 11:41

Instrument :

BNA_F

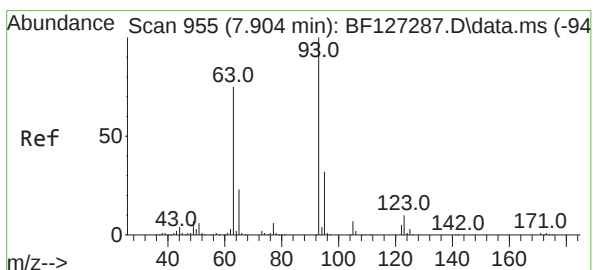
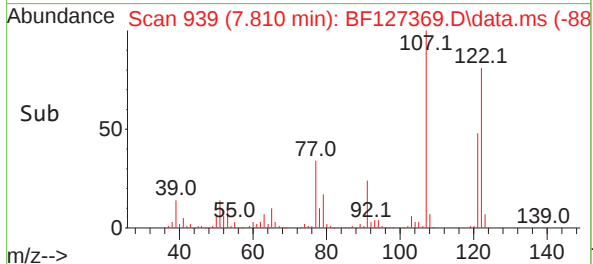
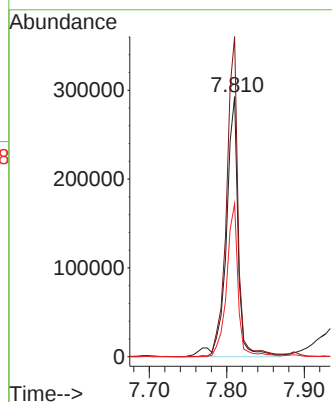
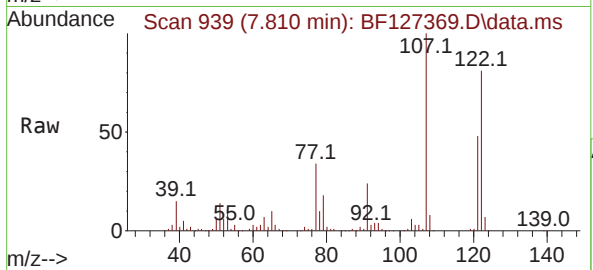
ClientSampleId :

PB143399BS

Tgt Ion:122 Resp: 312049
Ion Ratio Lower Upper
122 100
107 123.1 91.2 136.8
121 58.8 44.4 66.6

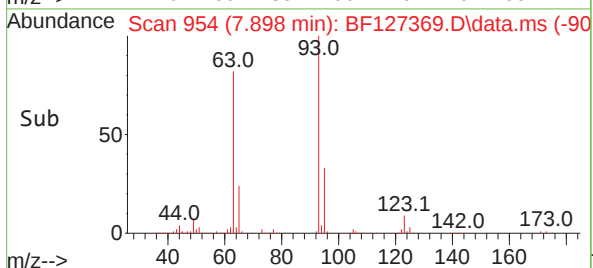
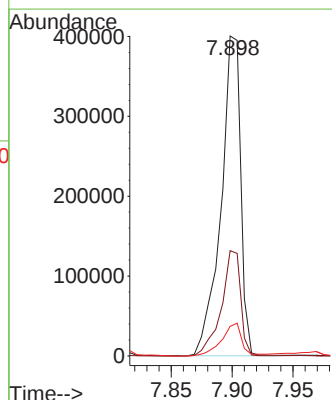
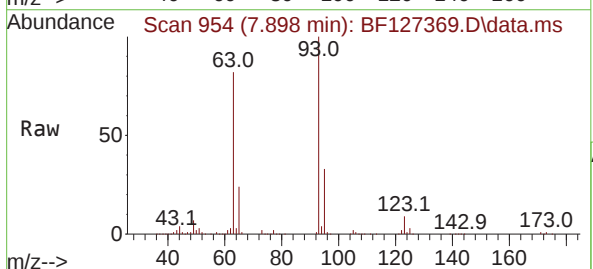
Manual Integrations
APPROVED

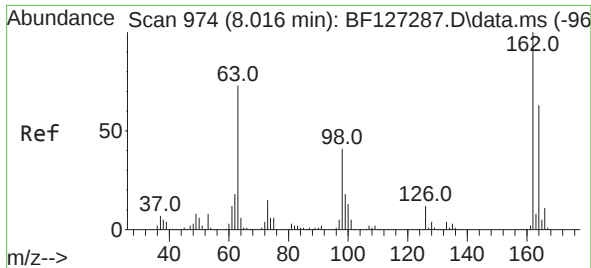
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022



#28
bis(2-Chloroethoxy)methane
Concen: 42.573 ng
RT: 7.898 min Scan# 954
Delta R.T. -0.006 min
Lab File: BF127369.D
Acq: 17 Mar 2022 11:41

Tgt Ion: 93 Resp: 452968
Ion Ratio Lower Upper
93 100
95 32.9 25.4 38.2
123 9.2 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 42.522 ng

RT: 8.016 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF127369.D

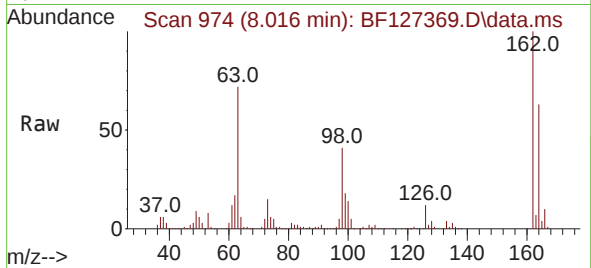
Acq: 17 Mar 2022 11:41

Instrument :

BNA_F

ClientSampleId :

PB143399BS



Tgt Ion:162 Resp: 299020

Ion Ratio Lower Upper

162 100

164 63.0 43.8 83.8

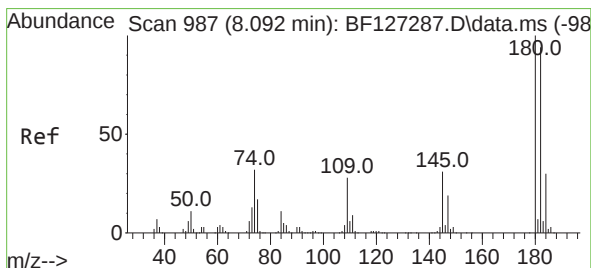
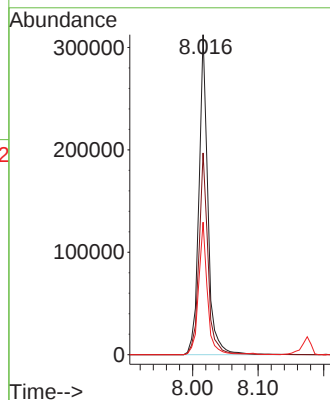
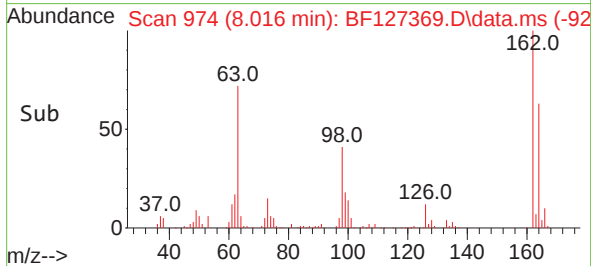
98 41.4 23.6 63.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/18/2022

Supervised By :Jagrut Upadhyay 03/18/2022



#30

1,2,4-Trichlorobenzene

Concen: 42.683 ng

RT: 8.092 min Scan# 987

Delta R.T. -0.000 min

Lab File: BF127369.D

Acq: 17 Mar 2022 11:41

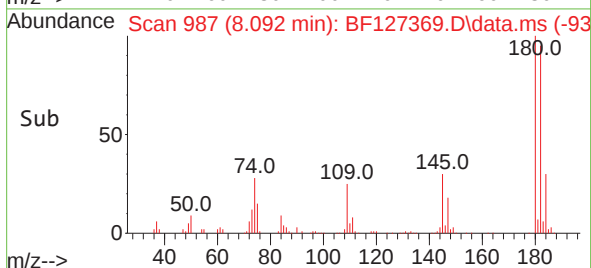
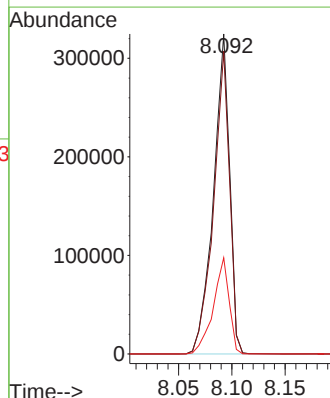
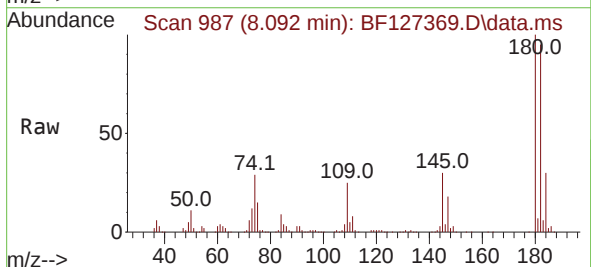
Tgt Ion:180 Resp: 342182

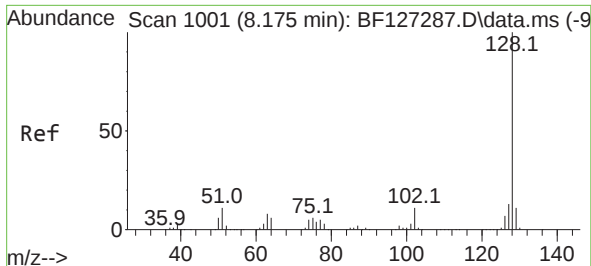
Ion Ratio Lower Upper

180 100

182 94.6 75.5 113.3

145 30.0 26.2 39.2





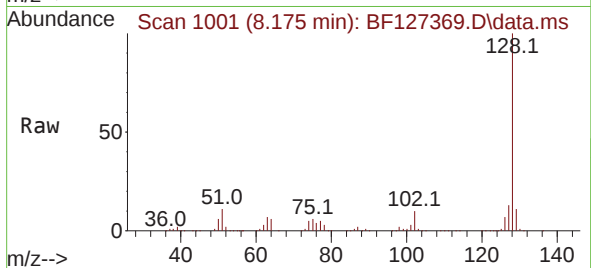
#31
Naphthalene
Concen: 42.050 ng
RT: 8.175 min Scan# 1001
Delta R.T. -0.000 min
Lab File: BF127369.D
Acq: 17 Mar 2022 11:41

Instrument :

BNA_F

ClientSampleId :

PB143399BS

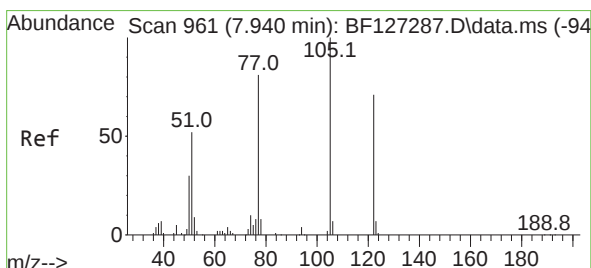
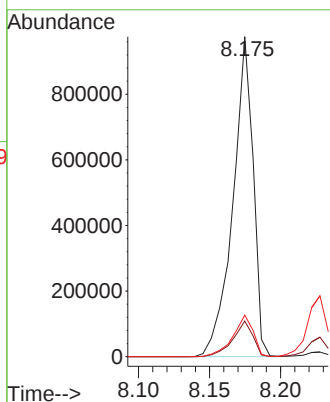
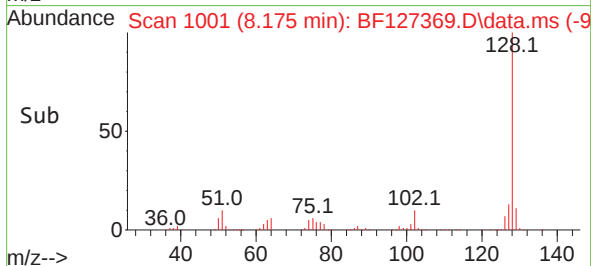


Tgt Ion:128 Resp: 967392
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.0 10.3 15.5

Manual Integrations

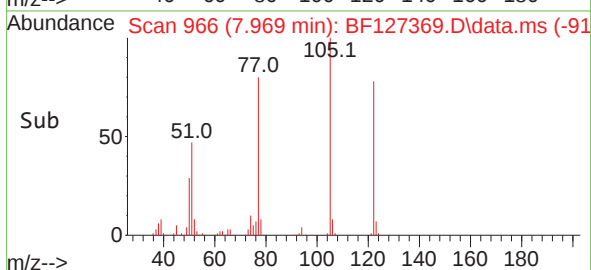
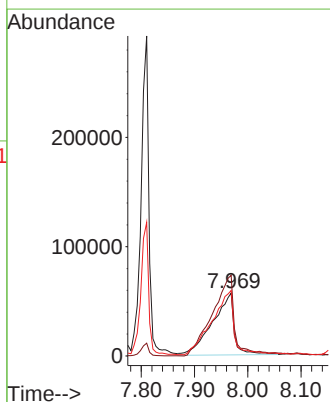
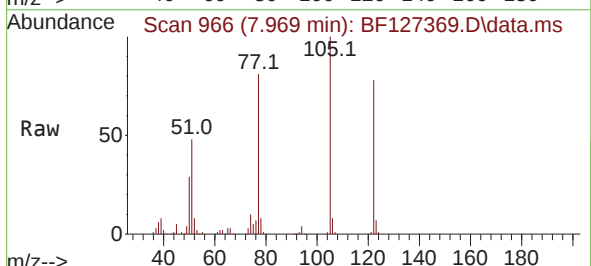
APPROVED

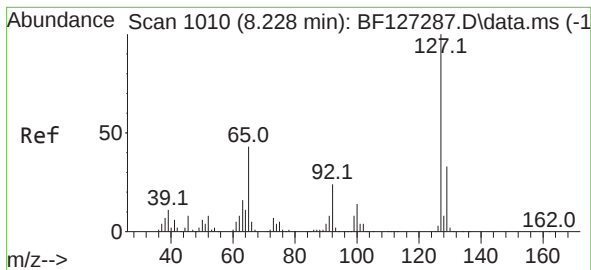
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022



#32
Benzoic acid
Concen: 39.446 ng
RT: 7.969 min Scan# 966
Delta R.T. 0.029 min
Lab File: BF127369.D
Acq: 17 Mar 2022 11:41

Tgt Ion:122 Resp: 162513
Ion Ratio Lower Upper
122 100
105 128.3 101.0 141.0
77 104.1 74.5 114.5





#33
4-Chloroaniline
Concen: 23.522 ng
RT: 8.228 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BF127369.D
Acq: 17 Mar 2022 11:41

Instrument :

BNA_F

ClientSampleId :

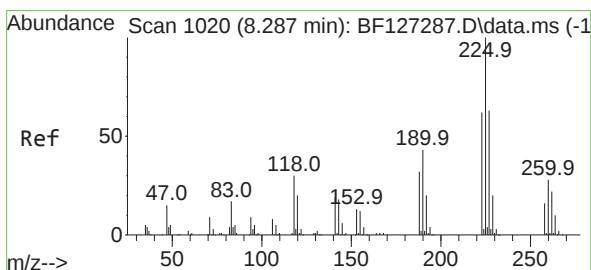
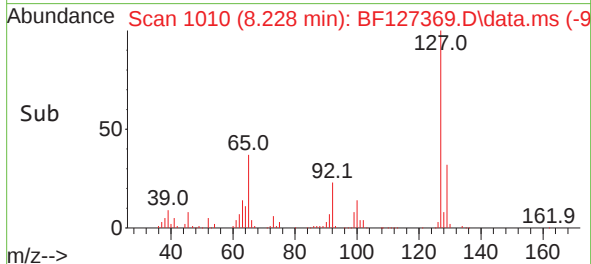
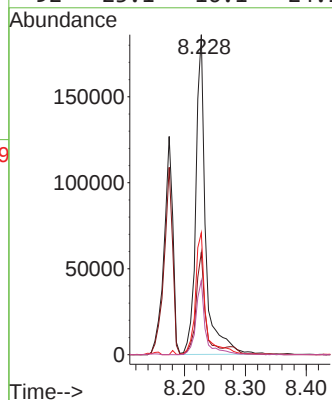
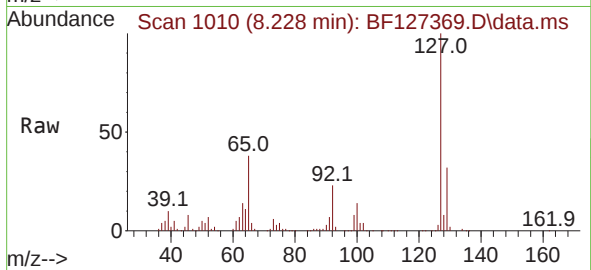
PB143399BS

Tgt Ion:127 Resp: 20975
Ion Ratio Lower Upper
127 100
129 31.9 26.5 39.7
65 38.1 26.6 39.8
92 23.1 16.1 24.1

Manual Integrations

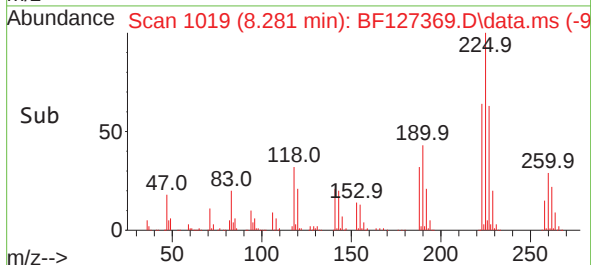
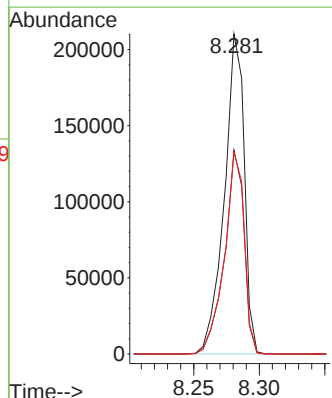
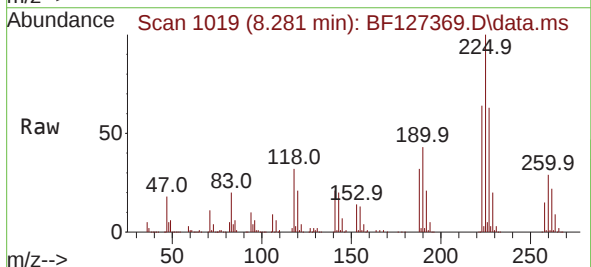
APPROVED

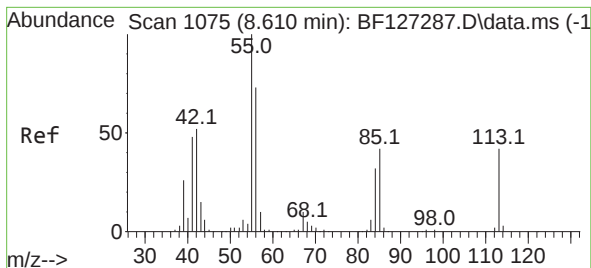
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022



#34
Hexachlorobutadiene
Concen: 41.420 ng
RT: 8.281 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF127369.D
Acq: 17 Mar 2022 11:41

Tgt Ion:225 Resp: 221429
Ion Ratio Lower Upper
225 100
223 63.7 48.6 73.0
227 63.0 51.4 77.0





#35

Caprolactam

Concen: 46.267 ng m

RT: 8.622 min Scan# 1075

Delta R.T. 0.012 min

Lab File: BF127369.D

Acq: 17 Mar 2022 11:41

Instrument :

BNA_F

ClientSampleId :

PB143399BS

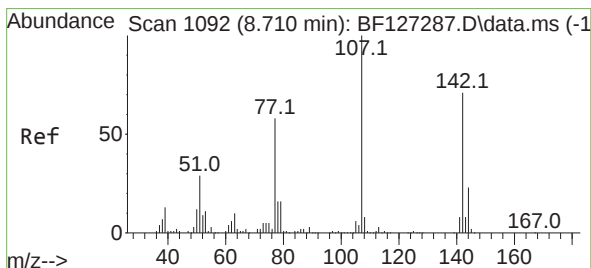
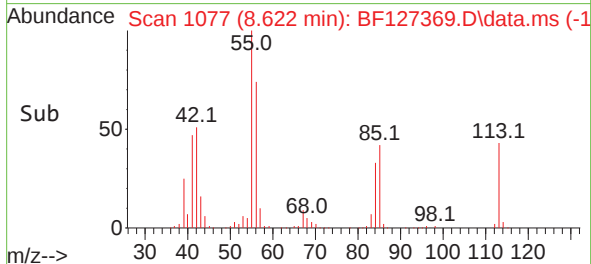
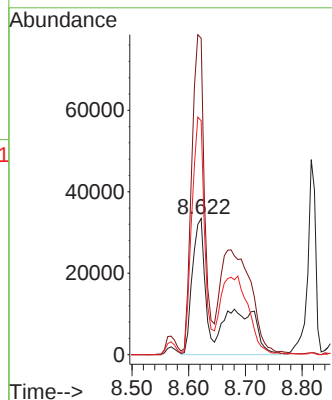
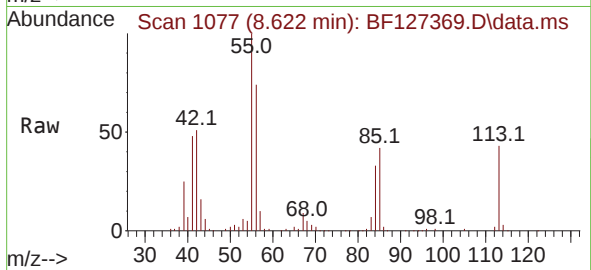
Tgt Ion:	113	Resp:	9719
Ion Ratio	Lower	Upper	
113	100		
55	232.5	183.9	223.9
56	171.8	129.9	169.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/18/2022

Supervised By :Jagrut Upadhyay 03/18/2022



#36

4-Chloro-3-methylphenol

Concen: 42.461 ng

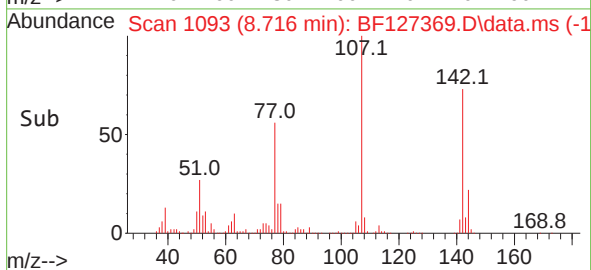
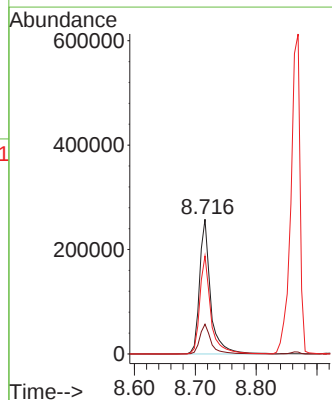
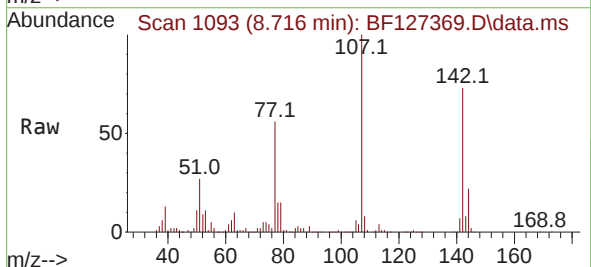
RT: 8.716 min Scan# 1093

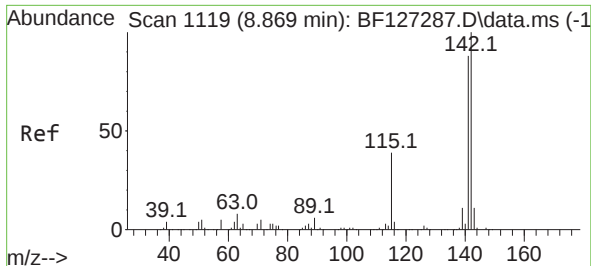
Delta R.T. 0.006 min

Lab File: BF127369.D

Acq: 17 Mar 2022 11:41

Tgt Ion:	107	Resp:	323621
Ion Ratio	Lower	Upper	
107	100		
144	22.1	18.5	27.7
142	72.8	58.1	87.1





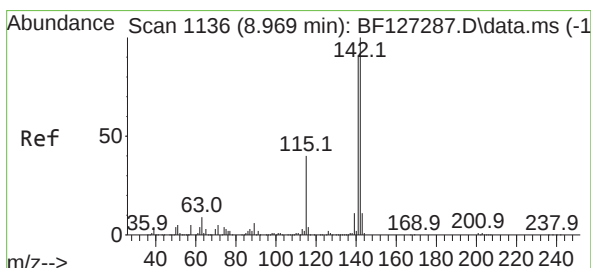
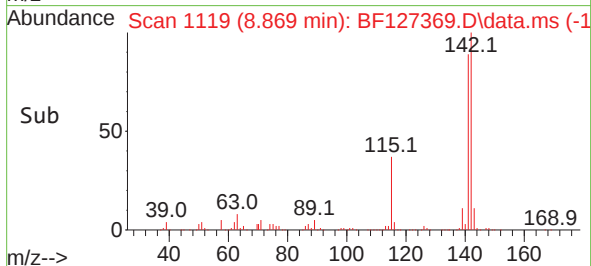
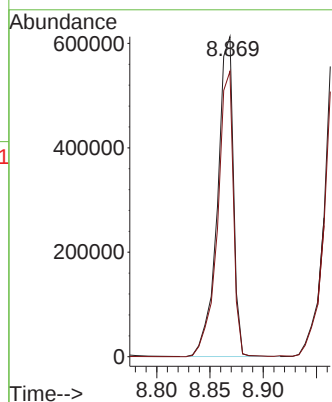
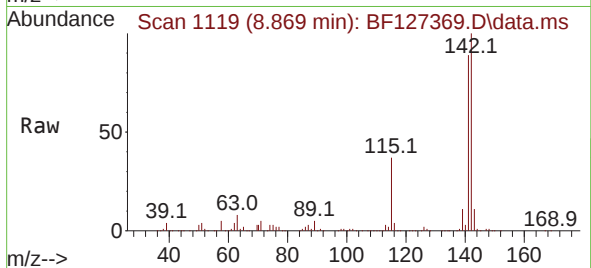
#37
2-Methylnaphthalene
Concen: 42.389 ng
RT: 8.869 min Scan# 1119
Delta R.T. -0.000 min
Lab File: BF127369.D
Acq: 17 Mar 2022 11:41

Instrument :
BNA_F
ClientSampleId :
PB143399BS

Tgt Ion:142 Resp: 63720
Ion Ratio Lower Upper
142 100
141 89.2 68.6 102.8

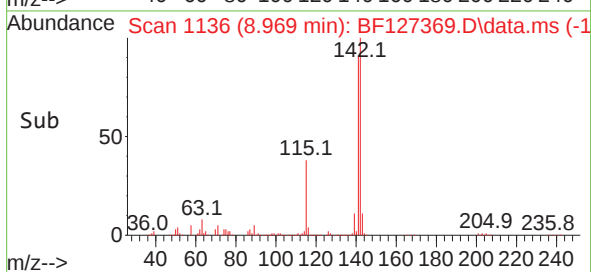
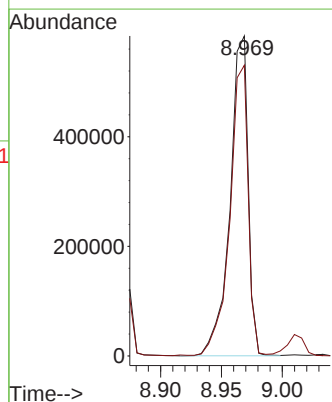
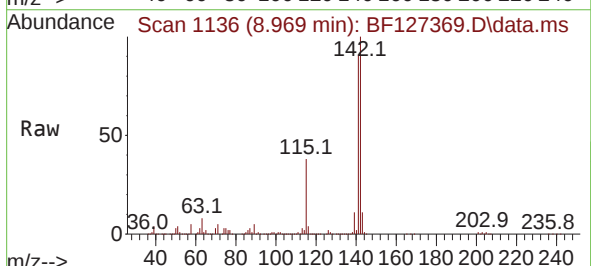
Manual Integrations
APPROVED

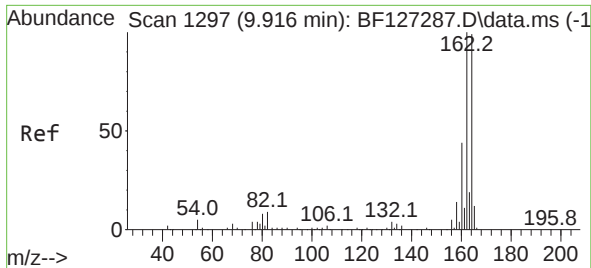
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022



#38
1-Methylnaphthalene
Concen: 41.910 ng
RT: 8.969 min Scan# 1136
Delta R.T. -0.000 min
Lab File: BF127369.D
Acq: 17 Mar 2022 11:41

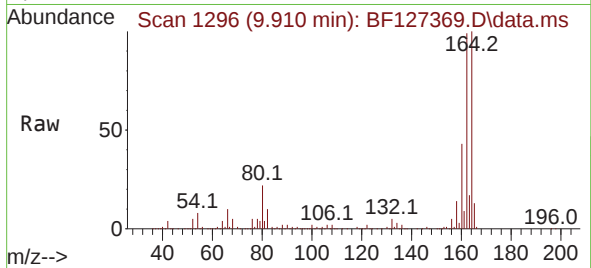
Tgt Ion:142 Resp: 605670
Ion Ratio Lower Upper
142 100
141 90.9 72.1 108.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1129
Delta R.T. -0.006 min
Lab File: BF127369.D
Acq: 17 Mar 2022 11:41

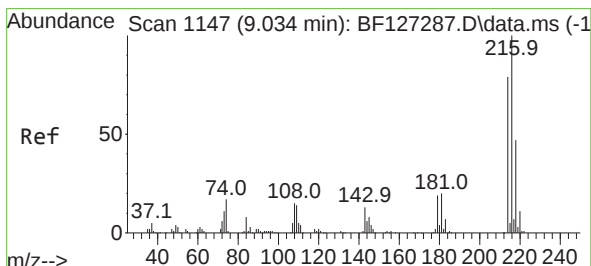
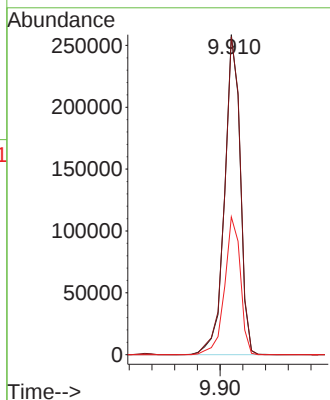
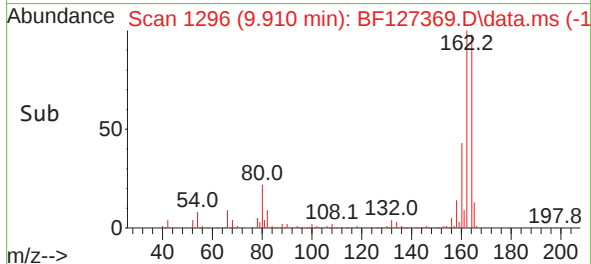
Instrument :
BNA_F
ClientSampleId :
PB143399BS



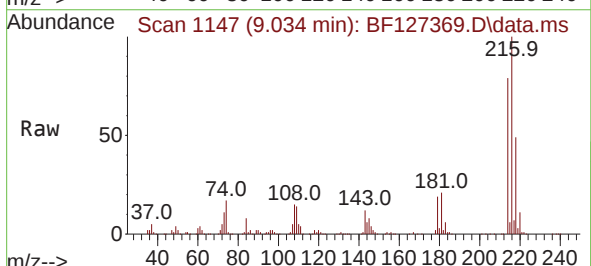
Tgt Ion:164 Resp: 24727
Ion Ratio Lower Upper
164 100
162 99.3 81.4 122.0
160 43.0 36.6 54.8

Manual Integrations
APPROVED

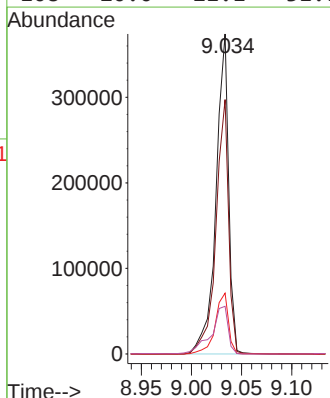
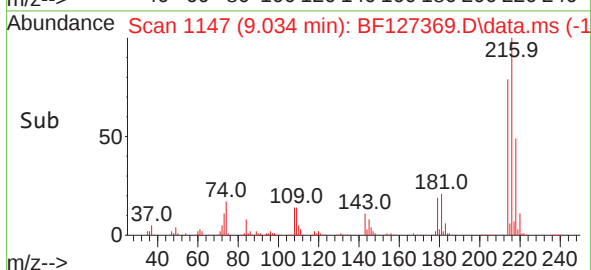
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022

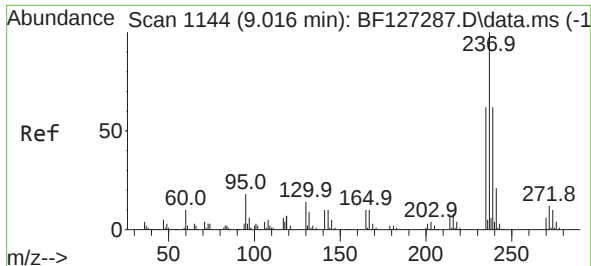


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.924 ng
RT: 9.034 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BF127369.D
Acq: 17 Mar 2022 11:41



Tgt Ion:216 Resp: 328174
Ion Ratio Lower Upper
216 100
214 79.5 64.6 96.8
179 19.8 19.5 29.3
108 20.0 21.1 31.7#





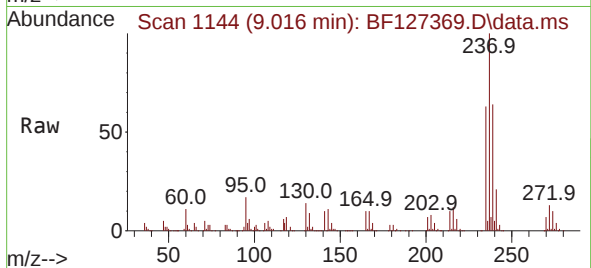
#41
Hexachlorocyclopentadiene
Concen: 101.461 ng
RT: 9.016 min Scan# 1144
Delta R.T. -0.000 min
Lab File: BF127369.D
Acq: 17 Mar 2022 11:41

Instrument :

BNA_F

ClientSampleId :

PB143399BS

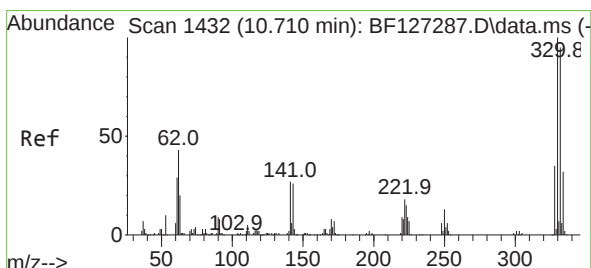
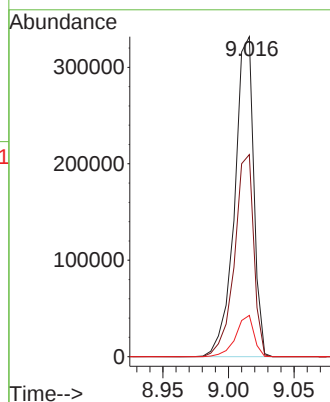
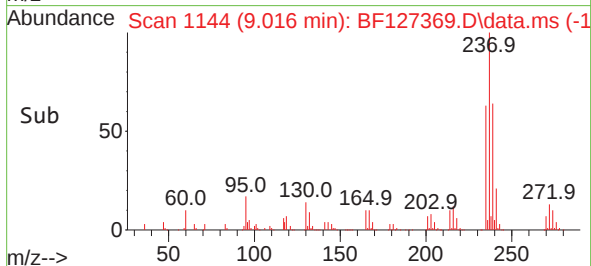


Tgt Ion:237 Resp: 33703
Ion Ratio Lower Upper
237 100
235 63.2 38.9 78.9
272 12.9 0.0 33.5

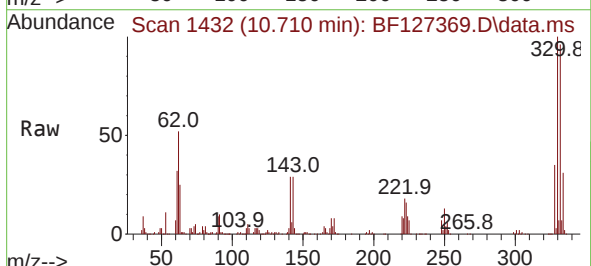
Manual Integrations

APPROVED

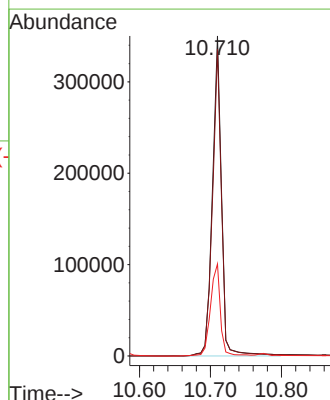
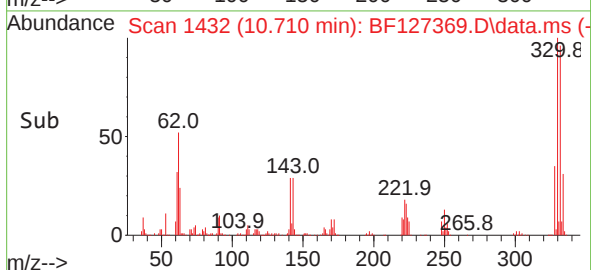
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022

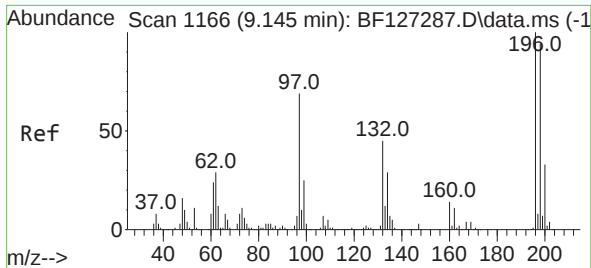


#42
2,4,6-Tribromophenol
Concen: 117.352 ng
RT: 10.710 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF127369.D
Acq: 17 Mar 2022 11:41



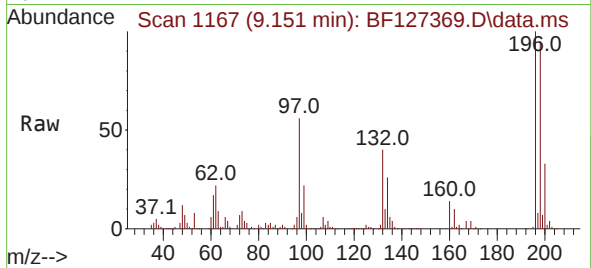
Tgt Ion:330 Resp: 312377
Ion Ratio Lower Upper
330 100
332 95.8 76.0 114.0
141 31.4 30.1 45.1





#43
2,4,6-Trichlorophenol
Concen: 41.069 ng
RT: 9.151 min Scan# 1167
Delta R.T. 0.006 min
Lab File: BF127369.D
Acq: 17 Mar 2022 11:41

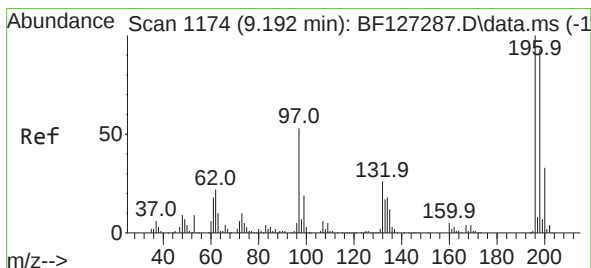
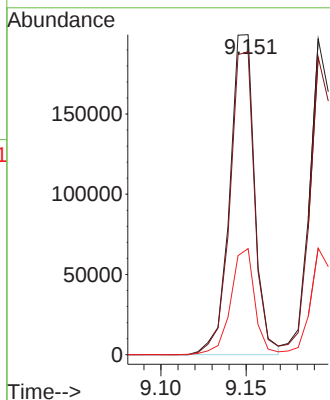
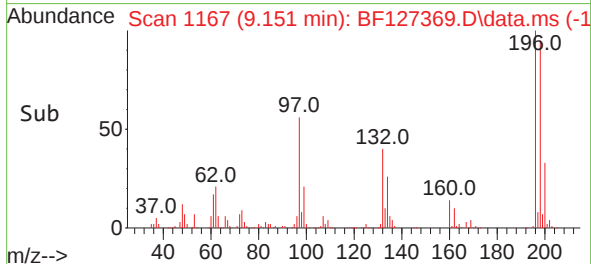
Instrument :
BNA_F
ClientSampleId :
PB143399BS



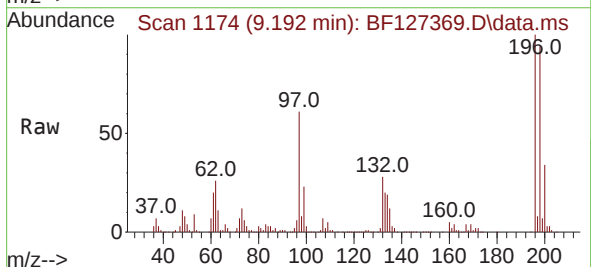
Tgt Ion:196 Resp: 20290
Ion Ratio Lower Upper
196 100
198 94.7 78.5 117.7
200 33.2 24.9 37.3

Manual Integrations
APPROVED

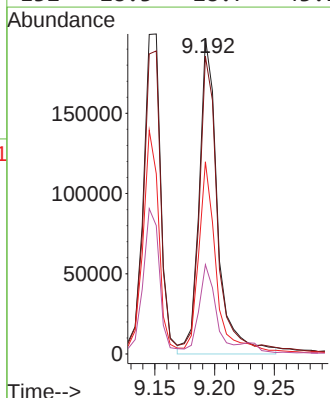
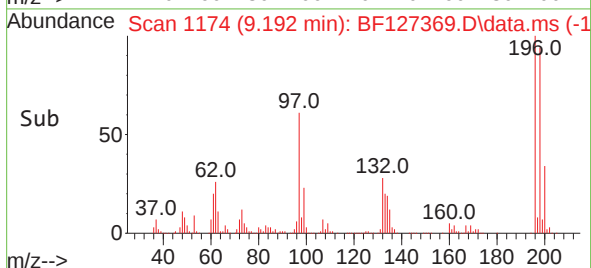
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022

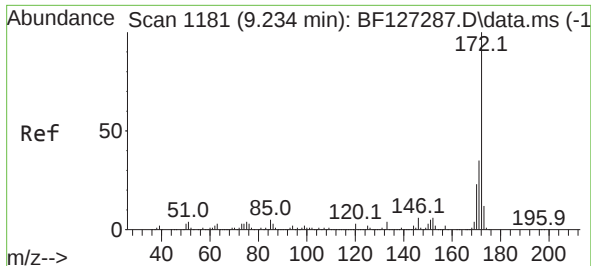


#44
2,4,5-Trichlorophenol
Concen: 40.544 ng m
RT: 9.192 min Scan# 1174
Delta R.T. -0.000 min
Lab File: BF127369.D
Acq: 17 Mar 2022 11:41



Tgt Ion:196 Resp: 212593
Ion Ratio Lower Upper
196 100
198 94.2 82.0 123.0
97 60.8 53.5 80.3
132 28.3 28.7 43.1#





#45

2-Fluorobiphenyl

Concen: 79.456 ng

RT: 9.233 min Scan# 1181

Delta R.T. -0.000 min

Lab File: BF127369.D

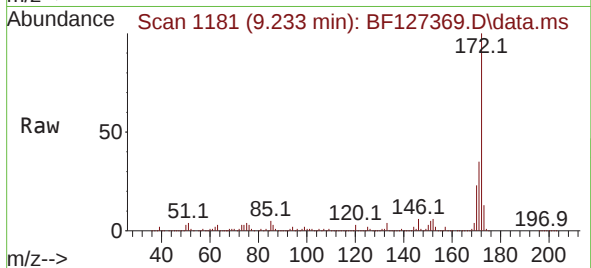
Acq: 17 Mar 2022 11:41

Instrument :

BNA_F

ClientSampleId :

PB143399BS



Tgt Ion:172 Resp: 138968

Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

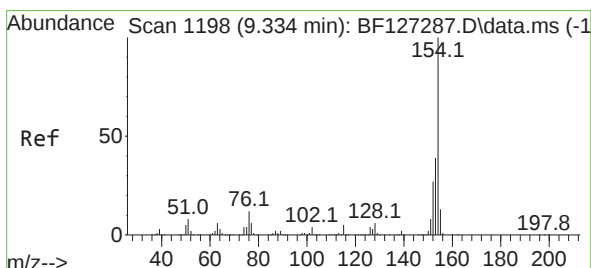
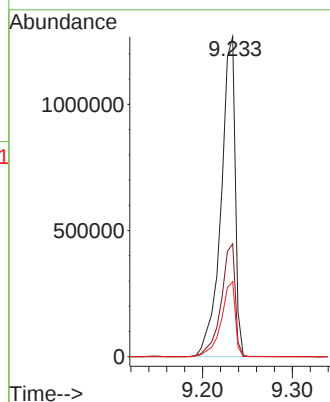
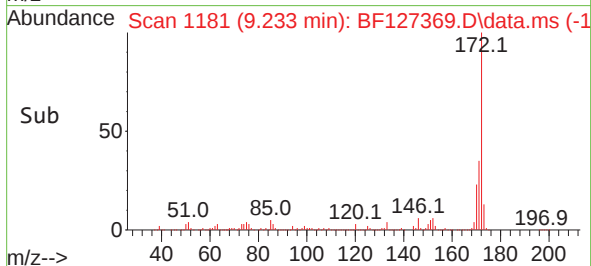
170 23.5 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/18/2022

Supervised By :Jagrut Upadhyay 03/18/2022



#46

1,1'-Biphenyl

Concen: 41.281 ng

RT: 9.333 min Scan# 1198

Delta R.T. -0.000 min

Lab File: BF127369.D

Acq: 17 Mar 2022 11:41

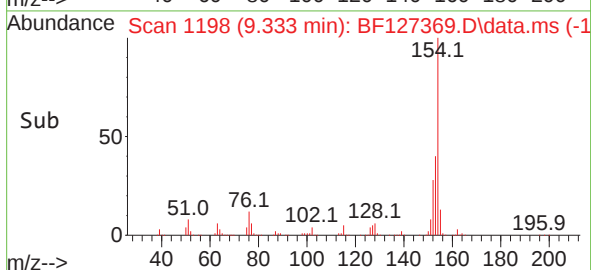
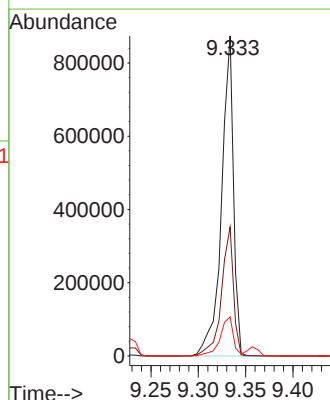
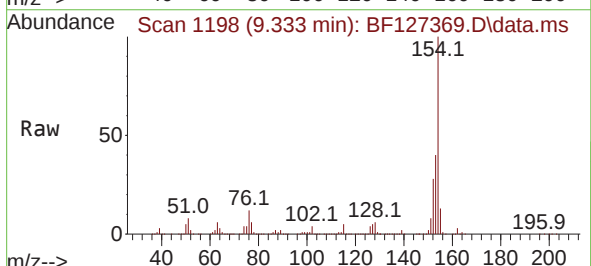
Tgt Ion:154 Resp: 770418

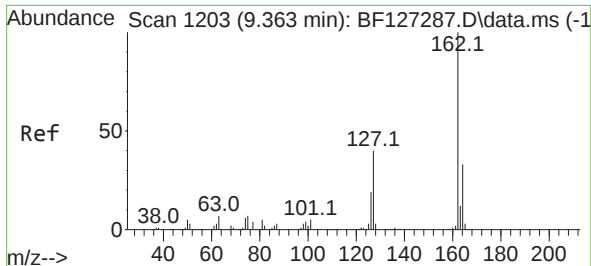
Ion Ratio Lower Upper

154 100

153 40.3 19.0 59.0

76 12.2 0.0 34.5





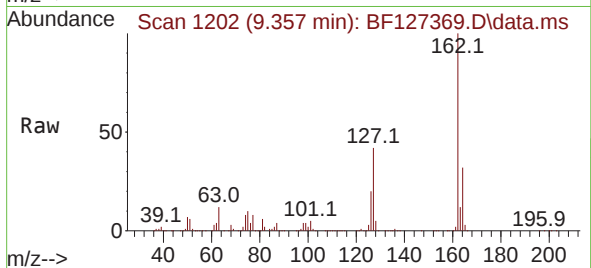
#47
2-Chloronaphthalene
Concen: 41.937 ng
RT: 9.357 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF127369.D
Acq: 17 Mar 2022 11:41

Instrument :

BNA_F

ClientSampleId :

PB143399BS

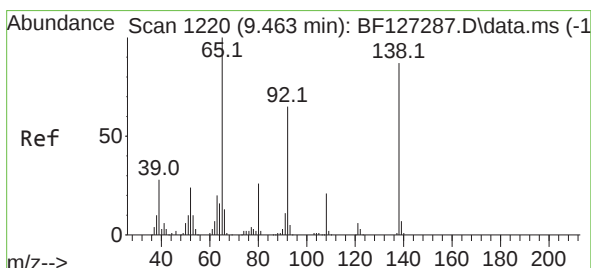
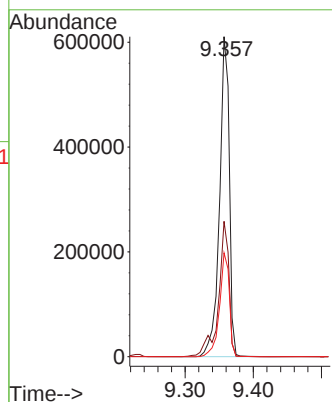
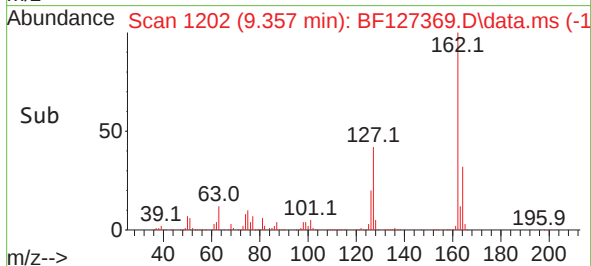


Tgt Ion:162 Resp: 60924
Ion Ratio Lower Upper
162 100
127 42.3 33.5 50.3
164 32.5 26.2 39.4

Manual Integrations

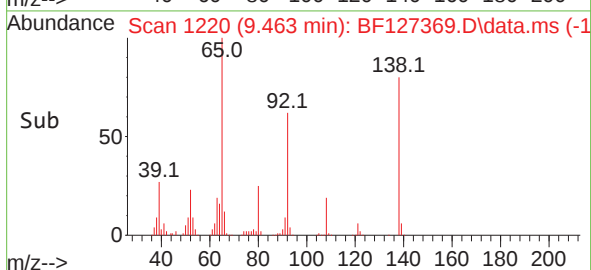
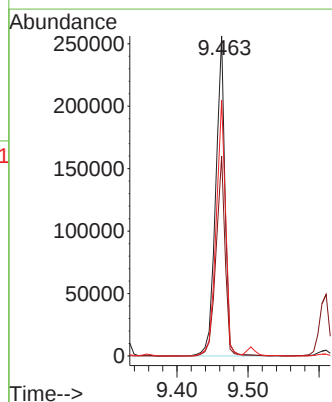
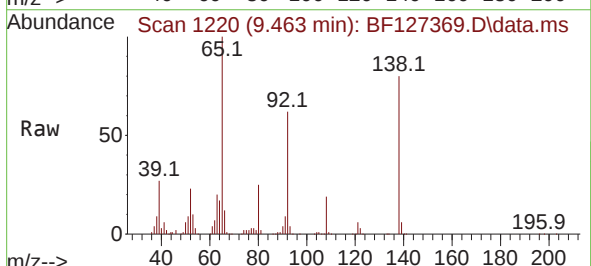
APPROVED

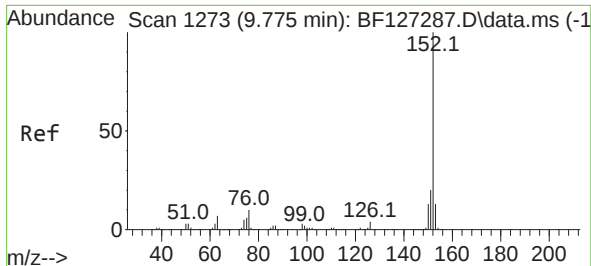
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022



#48
2-Nitroaniline
Concen: 41.729 ng
RT: 9.463 min Scan# 1220
Delta R.T. -0.000 min
Lab File: BF127369.D
Acq: 17 Mar 2022 11:41

Tgt Ion: 65 Resp: 233247
Ion Ratio Lower Upper
65 100
92 62.4 54.4 81.6
138 80.0 72.5 108.7





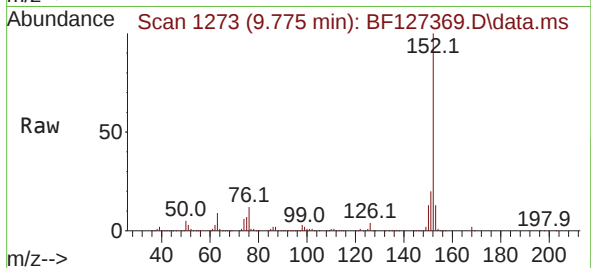
#49
Acenaphthylene
Concen: 43.428 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127369.D
Acq: 17 Mar 2022 11:41

Instrument :

BNA_F

ClientSampleId :

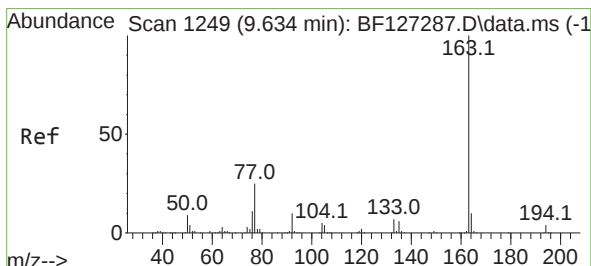
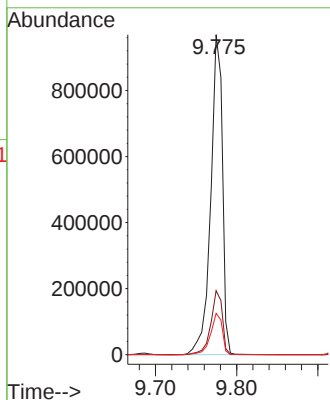
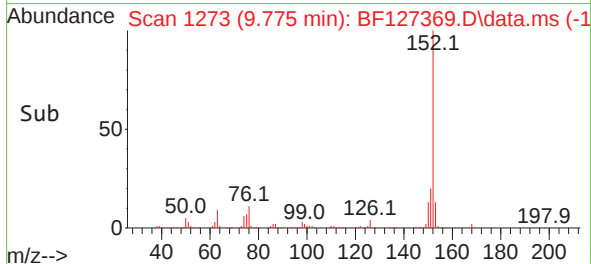
PB143399BS



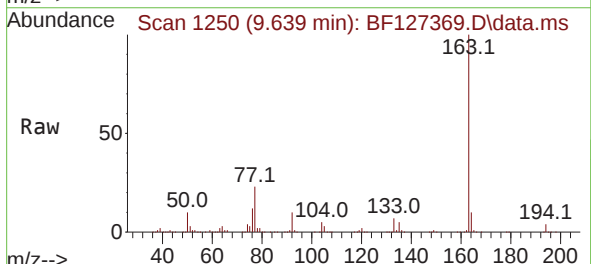
Tgt Ion:152 Resp: 96549
Ion Ratio Lower Upper
152 100
151 20.0 15.7 23.5
153 12.9 11.4 17.0

Manual Integrations
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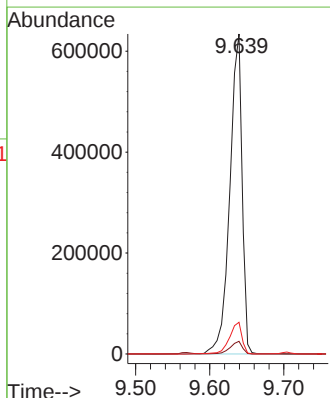
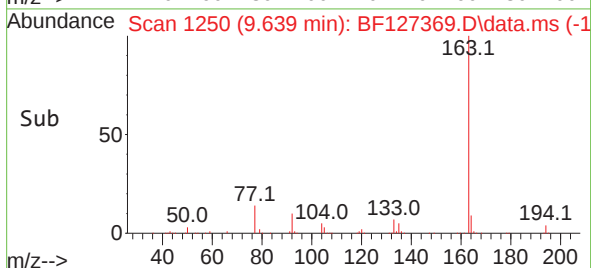
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022

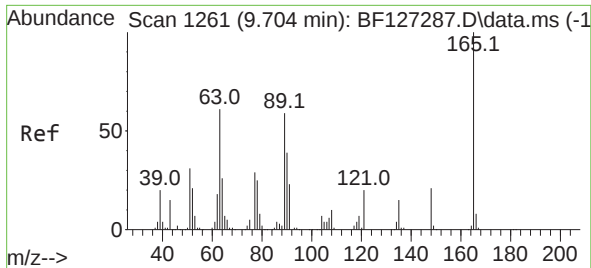


#50
Dimethylphthalate
Concen: 41.104 ng
RT: 9.639 min Scan# 1250
Delta R.T. 0.006 min
Lab File: BF127369.D
Acq: 17 Mar 2022 11:41



Tgt Ion:163 Resp: 728318
Ion Ratio Lower Upper
163 100
194 3.9 2.6 3.8#
164 9.9 7.8 11.8





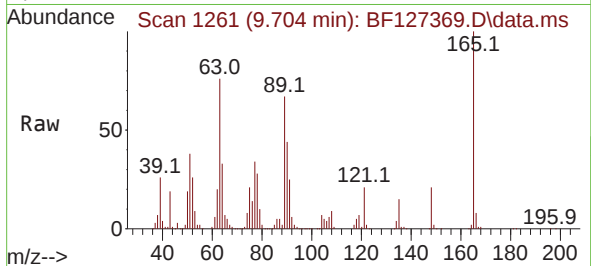
#51
2,6-Dinitrotoluene
Concen: 43.534 ng
RT: 9.704 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127369.D
Acq: 17 Mar 2022 11:41

Instrument :

BNA_F

ClientSampleId :

PB143399BS

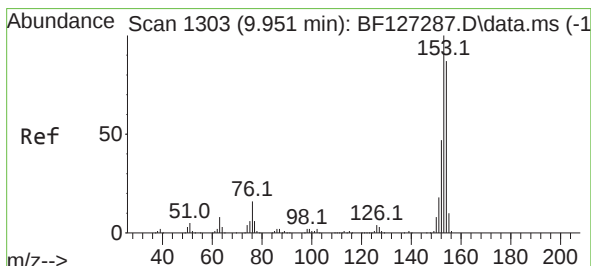
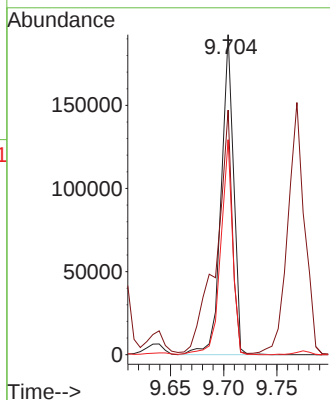
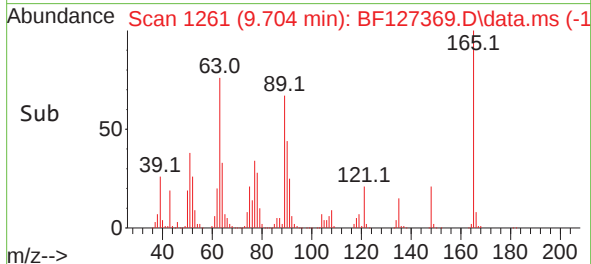


Tgt Ion:165 Resp: 156034
Ion Ratio Lower Upper
165 100
63 76.5 48.4 72.6
89 67.2 50.5 75.7

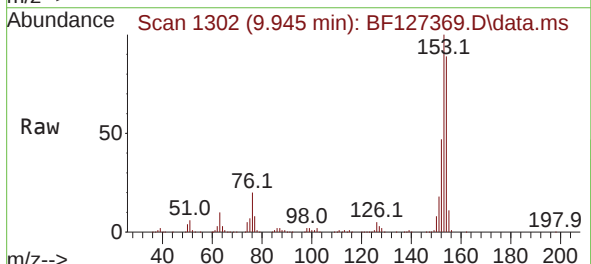
Manual Integrations

APPROVED

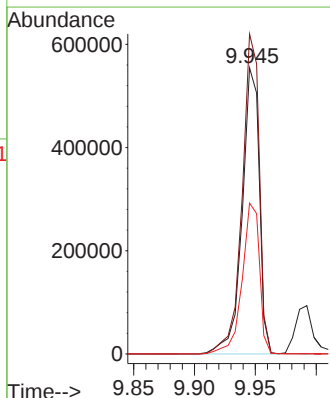
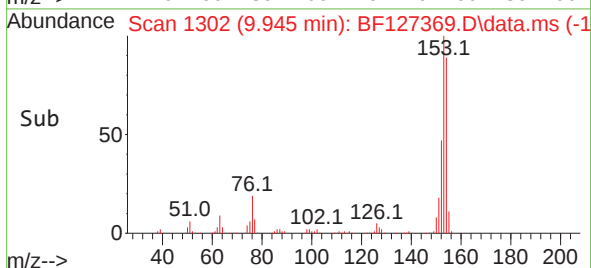
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022

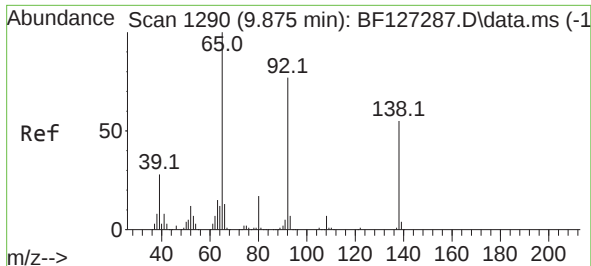


#52
Acenaphthene
Concen: 41.197 ng
RT: 9.945 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF127369.D
Acq: 17 Mar 2022 11:41



Tgt Ion:154 Resp: 545953
Ion Ratio Lower Upper
154 100
153 111.8 87.8 131.6
152 52.7 39.4 59.2





#53
3-Nitroaniline
Concen: 28.187 ng
RT: 9.875 min Scan# 1109
Delta R.T. -0.000 min
Lab File: BF127369.D
Acq: 17 Mar 2022 11:41

Instrument :

BNA_F

ClientSampleId :

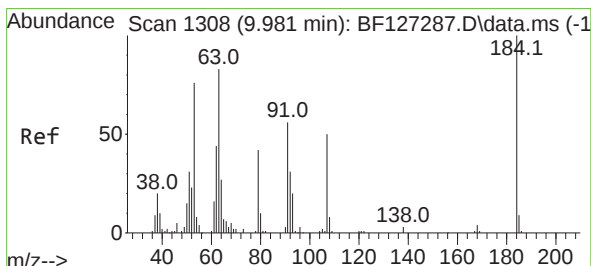
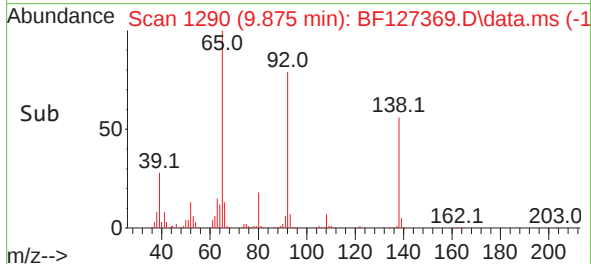
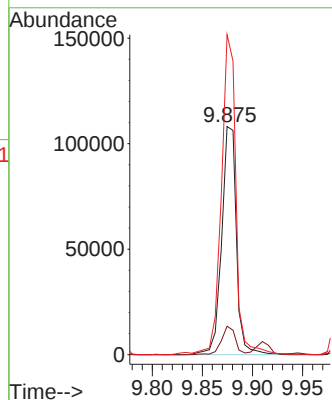
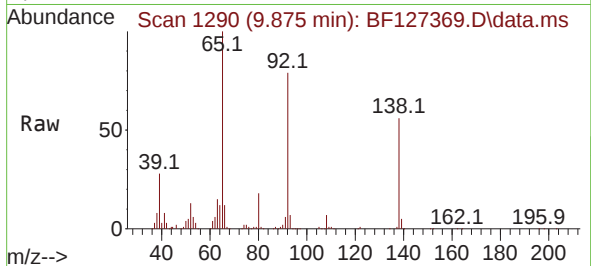
PB143399BS

Tgt Ion:138 Resp: 1109
Ion Ratio Lower Upper
138 100
108 12.5 8.6 13.0
92 140.3 105.0 157.6

Manual Integrations

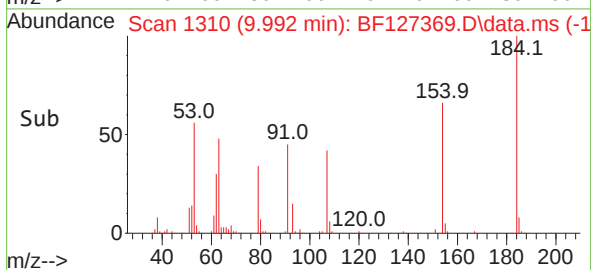
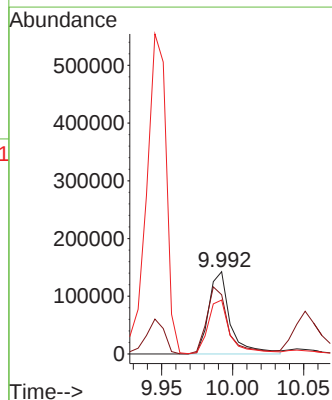
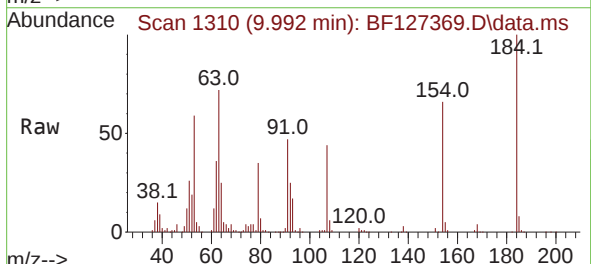
APPROVED

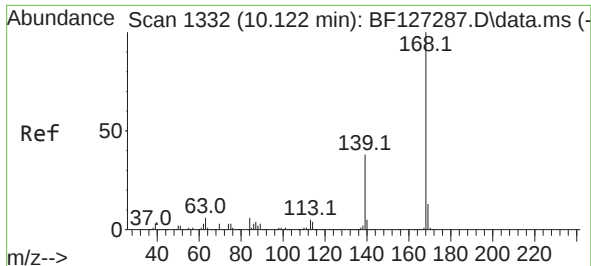
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022



#54
2,4-Dinitrophenol
Concen: 75.883 ng
RT: 9.992 min Scan# 1310
Delta R.T. 0.011 min
Lab File: BF127369.D
Acq: 17 Mar 2022 11:41

Tgt Ion:184 Resp: 149474
Ion Ratio Lower Upper
184 100
63 72.1 70.4 105.6
154 65.6 49.7 74.5





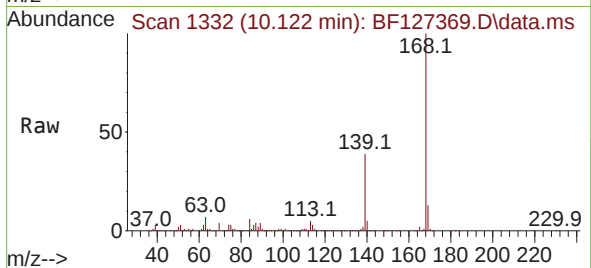
#55
Dibenzofuran
Concen: 38.981 ng
RT: 10.122 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127369.D
Acq: 17 Mar 2022 11:41

Instrument :

BNA_F

ClientSampleId :

PB143399BS

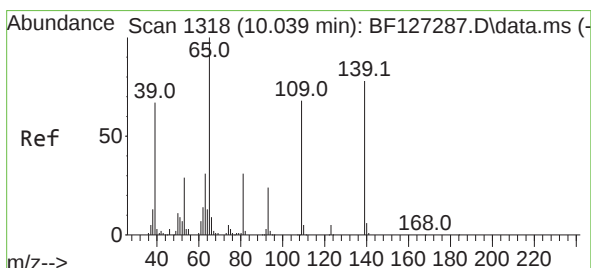
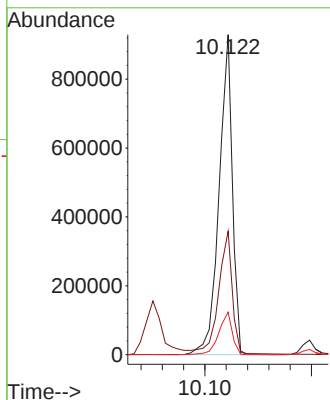
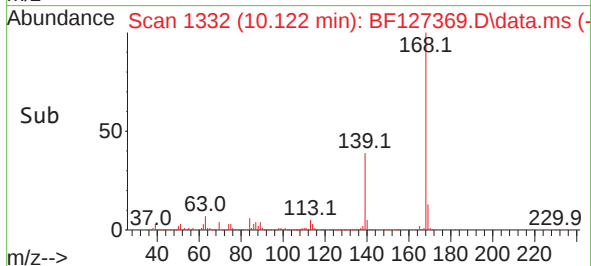


Tgt Ion:168 Resp: 80255
Ion Ratio Lower Upper
168 100
139 38.6 30.6 46.0
169 13.3 10.0 15.0

Manual Integrations

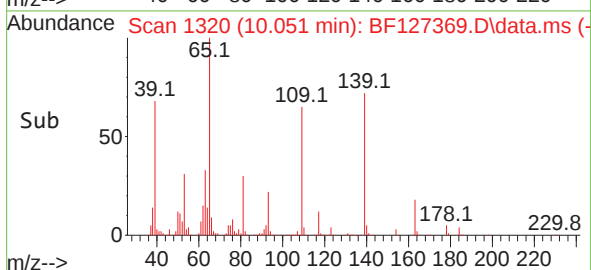
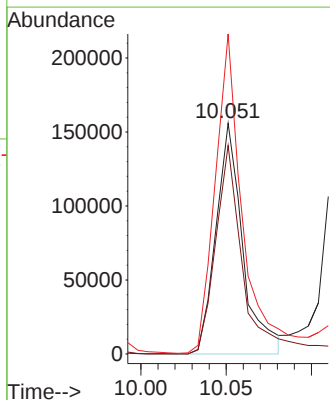
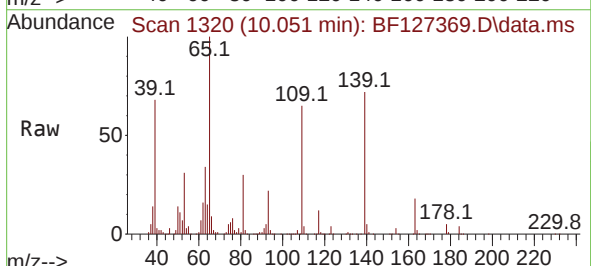
APPROVED

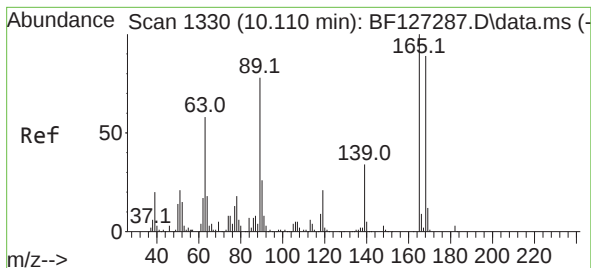
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022



#56
4-Nitrophenol
Concen: 71.970 ng
RT: 10.051 min Scan# 1320
Delta R.T. 0.012 min
Lab File: BF127369.D
Acq: 17 Mar 2022 11:41

Tgt Ion:139 Resp: 170858
Ion Ratio Lower Upper
139 100
109 90.3 44.1 84.1#
65 138.7 85.5 125.5#





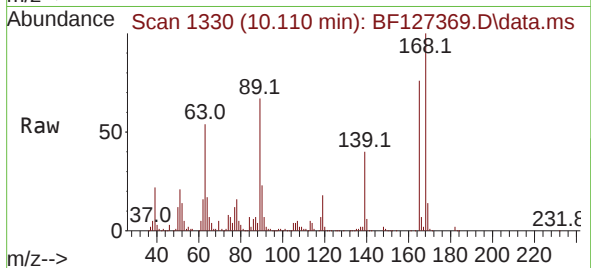
#57
2,4-Dinitrotoluene
Concen: 41.300 ng
RT: 10.110 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF127369.D
Acq: 17 Mar 2022 11:41

Instrument :

BNA_F

ClientSampleId :

PB143399BS

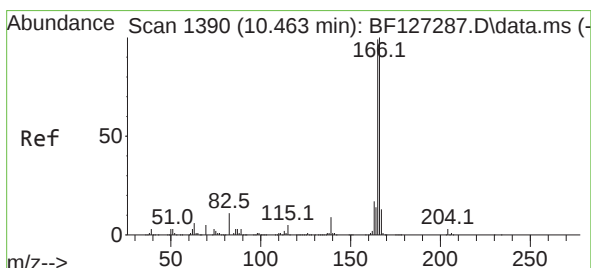
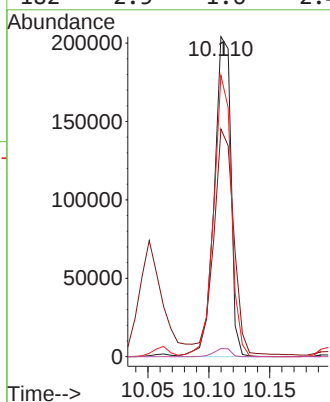
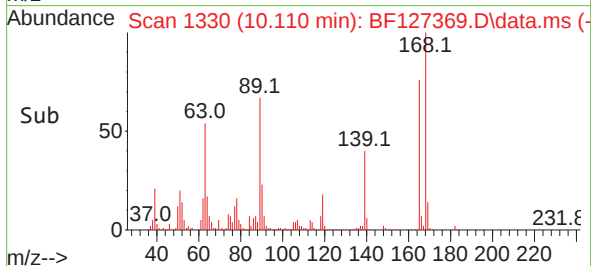


Tgt Ion:165 Resp: 194762
Ion Ratio Lower Upper
165 100
63 71.2 43.0 64.6
89 87.9 71.0 106.4
182 2.5 1.6 2.4#

Manual Integrations

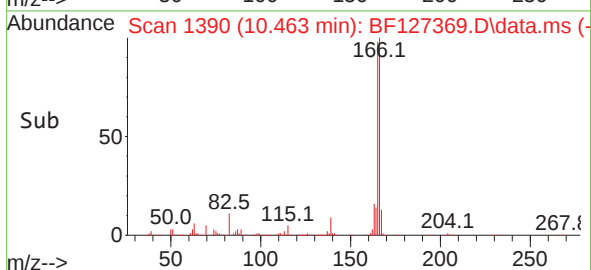
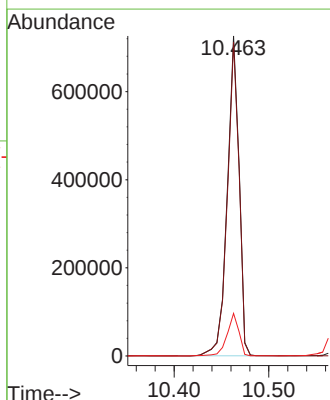
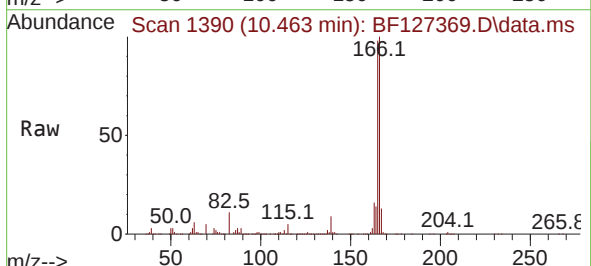
APPROVED

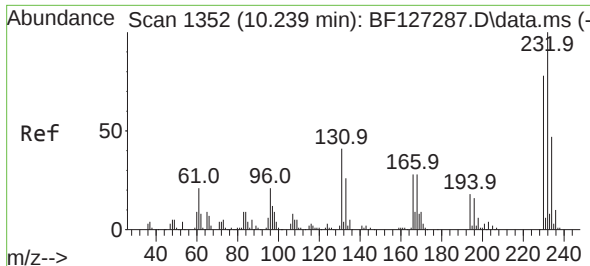
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022



#58
Fluorene
Concen: 39.530 ng
RT: 10.463 min Scan# 1390
Delta R.T. -0.000 min
Lab File: BF127369.D
Acq: 17 Mar 2022 11:41

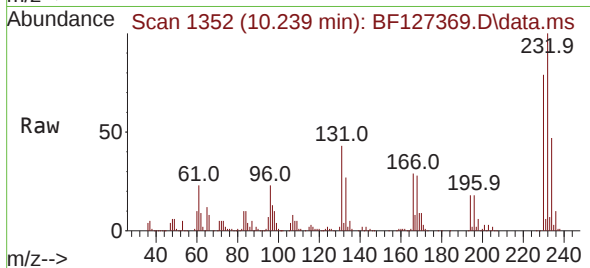
Tgt Ion:166 Resp: 631076
Ion Ratio Lower Upper
166 100
165 98.0 77.7 116.5
167 13.3 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.070 ng
RT: 10.239 min Scan# 1352
Delta R.T. -0.000 min
Lab File: BF127369.D
Acq: 17 Mar 2022 11:41

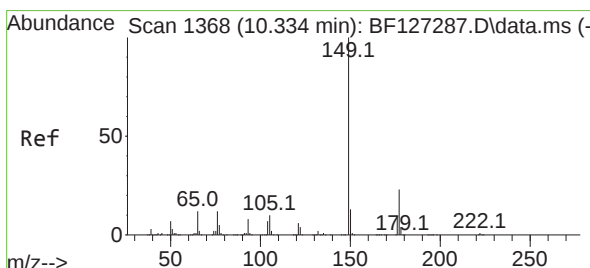
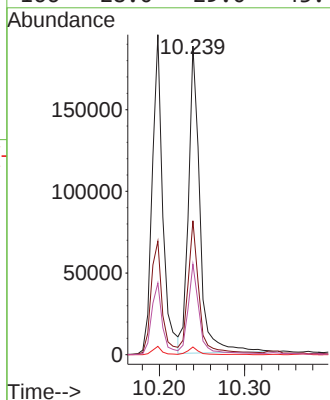
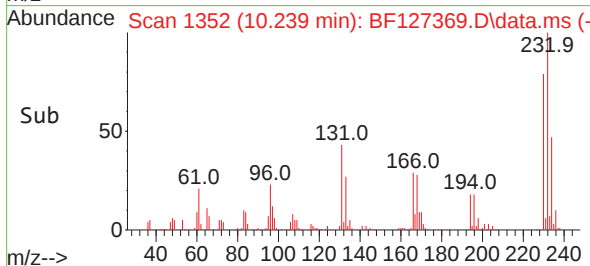
Instrument :
BNA_F
ClientSampleId :
PB143399BS



Tgt Ion:232 Resp: 17460
Ion Ratio Lower Upper
232 100
131 43.6 50.0 75.0
130 2.4 2.2 3.2
166 28.0 29.0 43.4#

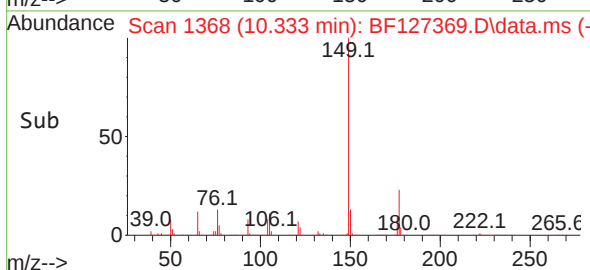
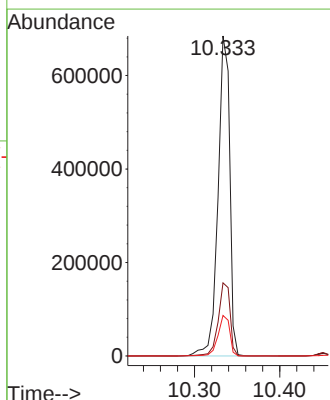
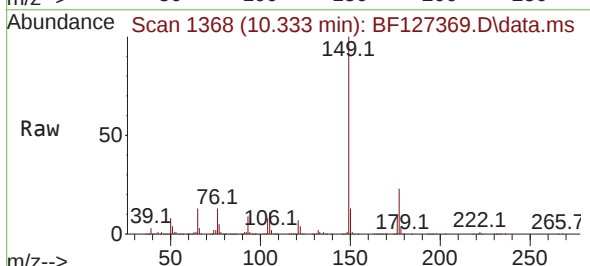
Manual Integrations
APPROVED

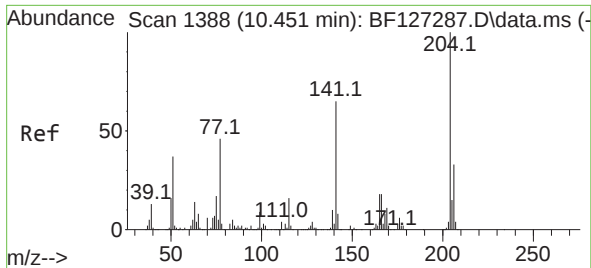
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022



#60
Diethylphthalate
Concen: 40.340 ng
RT: 10.333 min Scan# 1368
Delta R.T. -0.000 min
Lab File: BF127369.D
Acq: 17 Mar 2022 11:41

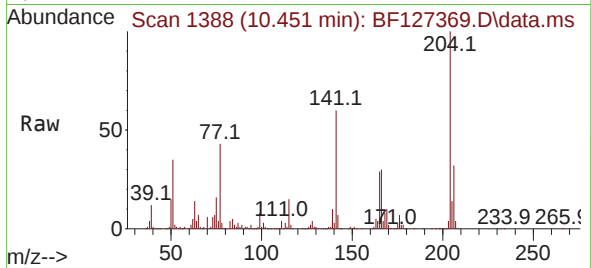
Tgt Ion:149 Resp: 651989
Ion Ratio Lower Upper
149 100
177 22.8 16.7 25.1
150 12.7 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 39.462 ng
RT: 10.451 min Scan# 1388
Delta R.T. -0.000 min
Lab File: BF127369.D
Acq: 17 Mar 2022 11:41

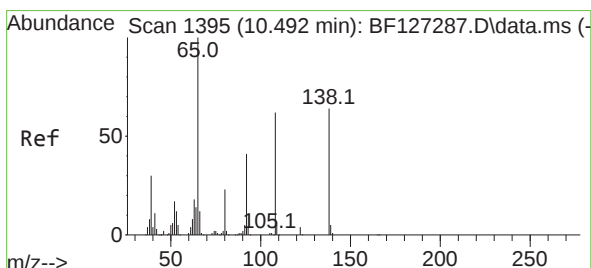
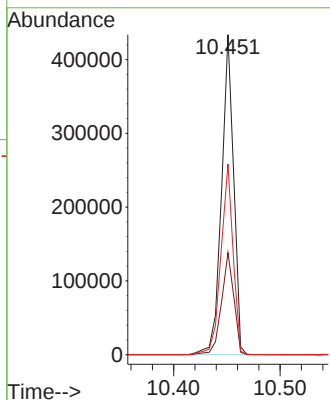
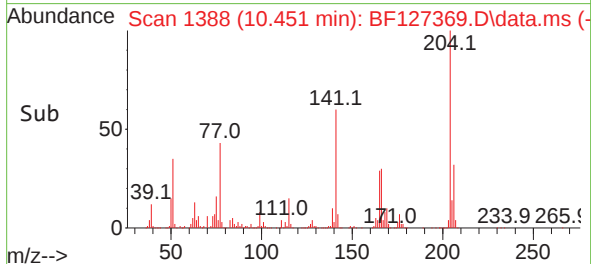
Instrument :
BNA_F
ClientSampleId :
PB143399BS



Tgt Ion:204 Resp: 341414
Ion Ratio Lower Upper
204 100
206 31.9 26.3 39.5
141 59.6 59.0 88.6

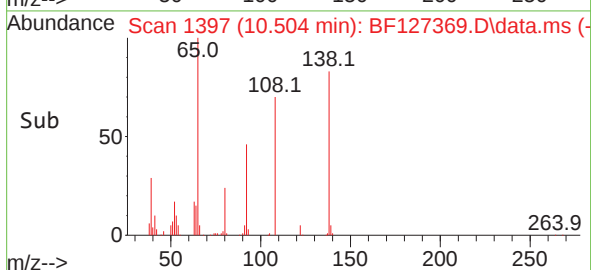
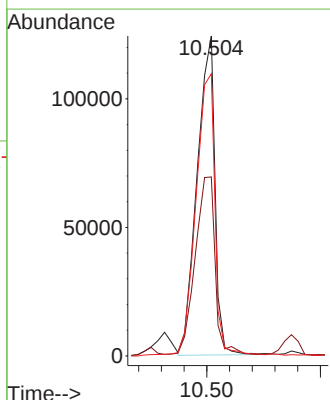
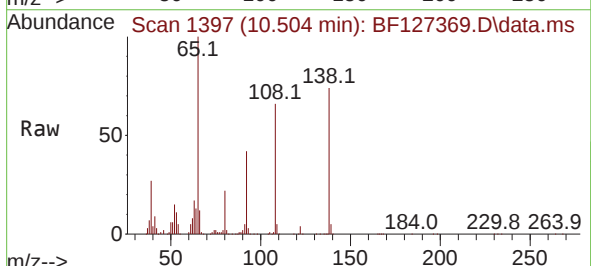
Manual Integrations
APPROVED

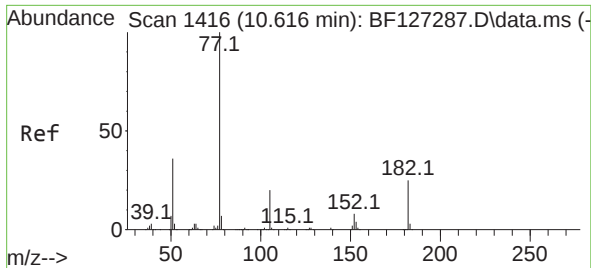
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022



#62
4-Nitroaniline
Concen: 34.907 ng
RT: 10.504 min Scan# 1397
Delta R.T. 0.012 min
Lab File: BF127369.D
Acq: 17 Mar 2022 11:41

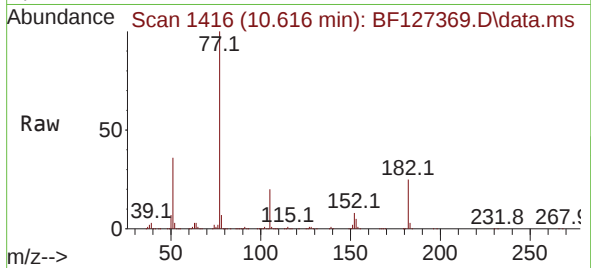
Tgt Ion:138 Resp: 135861
Ion Ratio Lower Upper
138 100
92 56.0 36.2 76.2
108 88.2 46.7 86.7#





#63
Azobenzene
Concen: 39.721 ng
RT: 10.616 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF127369.D
Acq: 17 Mar 2022 11:41

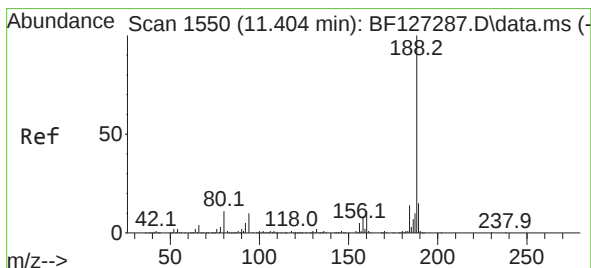
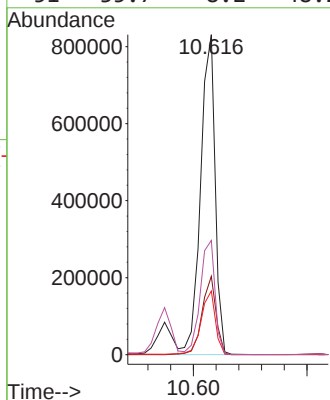
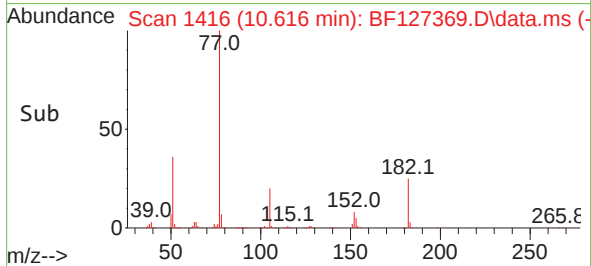
Instrument :
BNA_F
ClientSampleId :
PB143399BS



Tgt Ion: 77 Resp: 737962
Ion Ratio Lower Upper
77 100
182 24.5 0.0 39.0
105 19.9 3.2 43.2
51 35.7 8.2 48.2

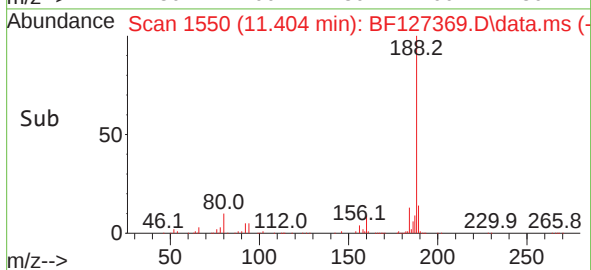
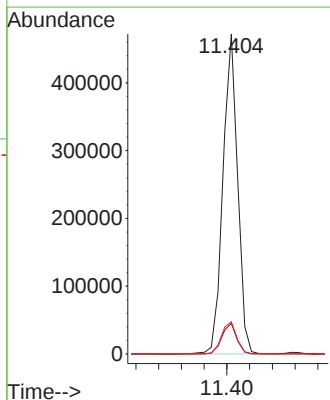
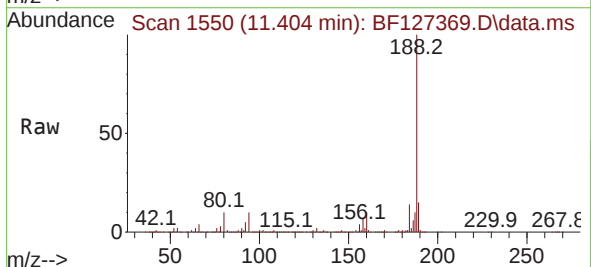
Manual Integrations
APPROVED

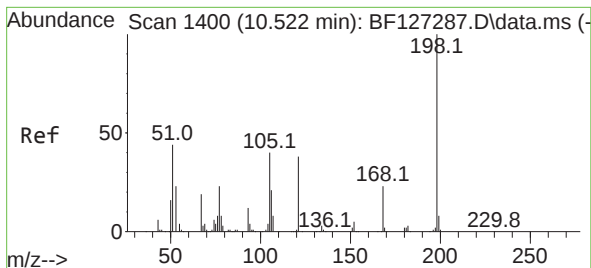
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1550
Delta R.T. -0.000 min
Lab File: BF127369.D
Acq: 17 Mar 2022 11:41

Tgt Ion:188 Resp: 423628
Ion Ratio Lower Upper
188 100
94 9.5 10.1 15.1#
80 10.1 11.8 17.6#





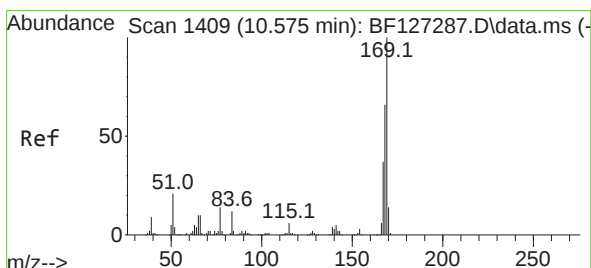
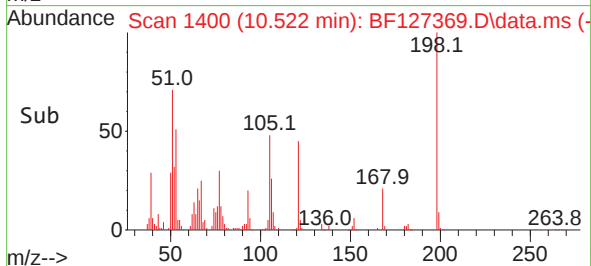
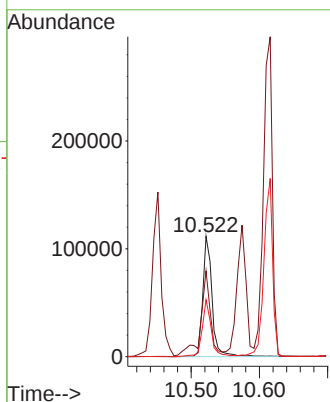
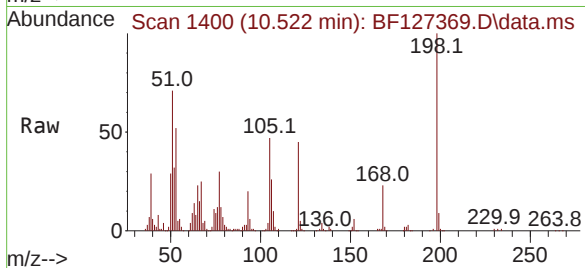
#65
4,6-Dinitro-2-methylphenol
Concen: 40.862 ng
RT: 10.522 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BF127369.D
Acq: 17 Mar 2022 11:41

Instrument :
BNA_F
ClientSampleId :
PB143399BS

Tgt Ion:198 Resp: 106730
Ion Ratio Lower Upper
198 100
51 71.3 32.0 72.0
105 47.4 32.7 72.7

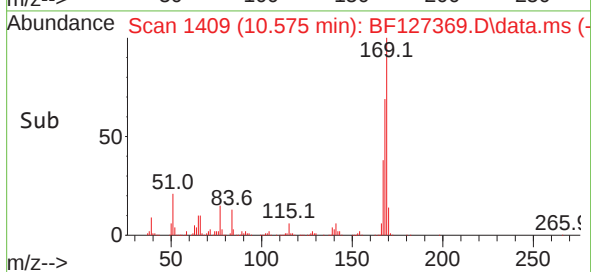
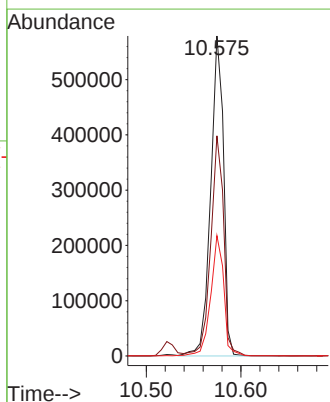
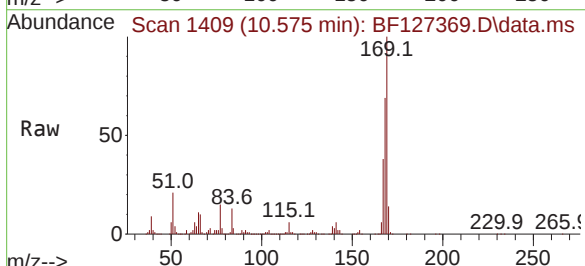
Manual Integrations
APPROVED

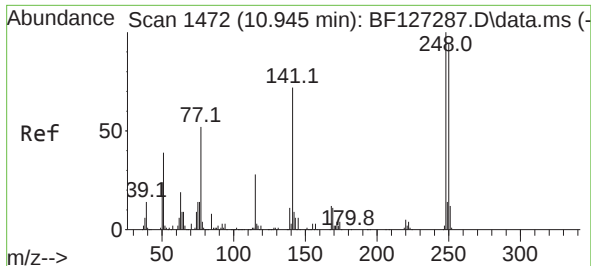
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022



#66
n-Nitrosodiphenylamine
Concen: 41.552 ng
RT: 10.575 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BF127369.D
Acq: 17 Mar 2022 11:41

Tgt Ion:169 Resp: 546682
Ion Ratio Lower Upper
169 100
168 68.8 53.4 80.0
167 37.6 29.4 44.0





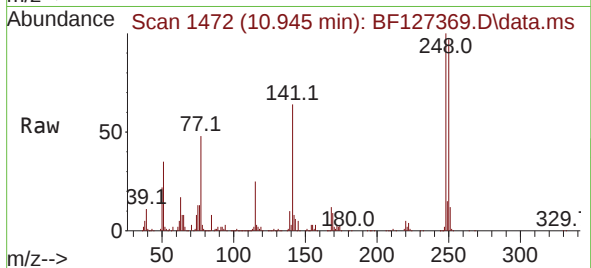
#67
4-Bromophenyl-phenylether
Concen: 42.371 ng
RT: 10.945 min Scan# 1472
Delta R.T. -0.000 min
Lab File: BF127369.D
Acq: 17 Mar 2022 11:41

Instrument :

BNA_F

ClientSampleId :

PB143399BS

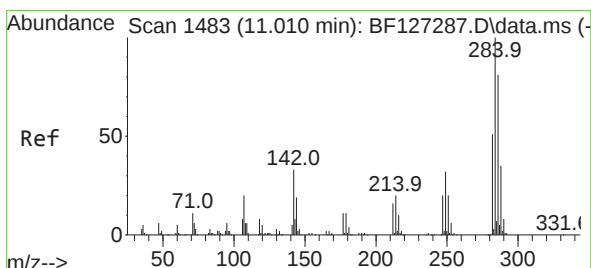
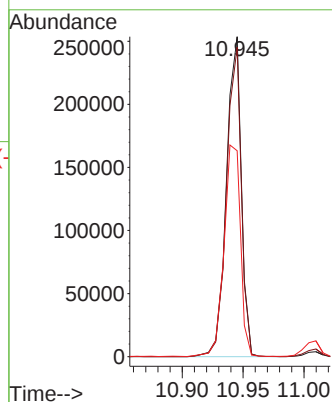
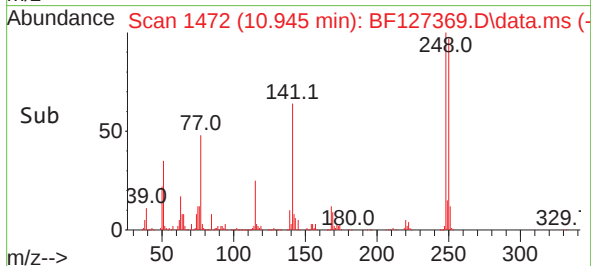


Tgt Ion:248 Resp: 216374
Ion Ratio Lower Upper
248 100
250 96.7 76.2 114.4
141 64.4 66.2 99.4

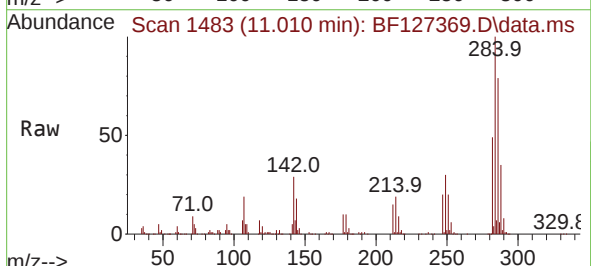
Manual Integrations

APPROVED

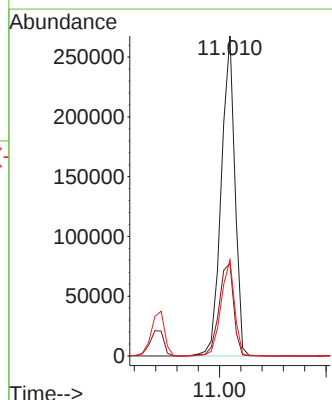
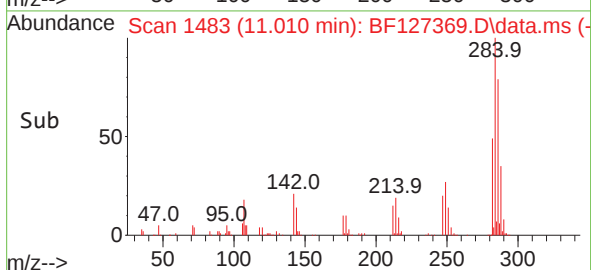
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022

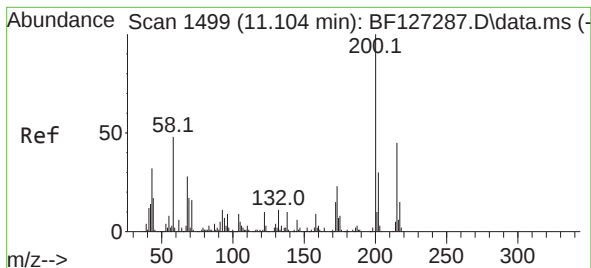


#68
Hexachlorobenzene
Concen: 42.705 ng
RT: 11.010 min Scan# 1483
Delta R.T. -0.000 min
Lab File: BF127369.D
Acq: 17 Mar 2022 11:41



Tgt Ion:284 Resp: 237670
Ion Ratio Lower Upper
284 100
142 28.9 30.7 46.1#
249 30.0 21.1 31.7





#69

Atrazine

Concen: 45.756 ng

RT: 11.104 min Scan# 1499

Delta R.T. -0.000 min

Lab File: BF127369.D

Acq: 17 Mar 2022 11:41

Instrument :

BNA_F

ClientSampleId :

PB143399BS

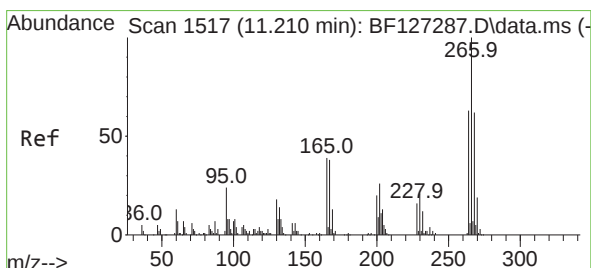
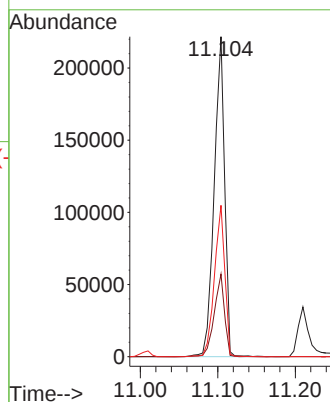
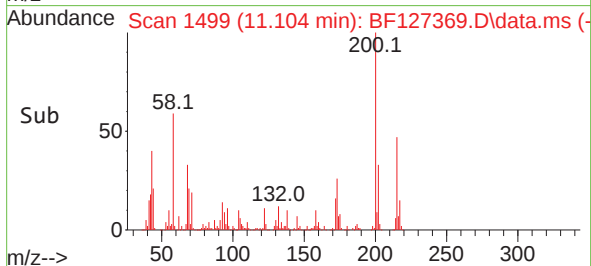
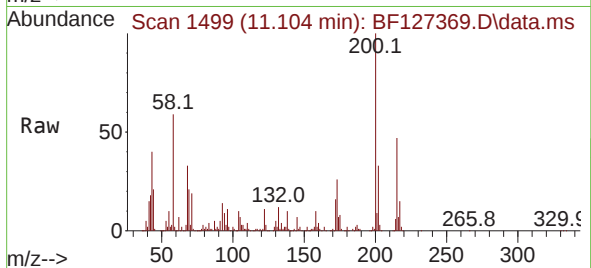
Tgt Ion:	200	Resp:	207730
Ion Ratio	Lower	Upper	
200	100		
173	25.8	9.2	49.2
215	47.3	23.2	63.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/18/2022

Supervised By :Jagrut Upadhyay 03/18/2022



#70

Pentachlorophenol

Concen: 91.067 ng

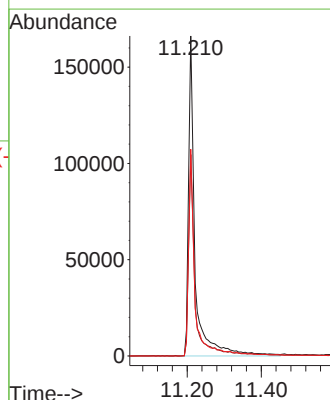
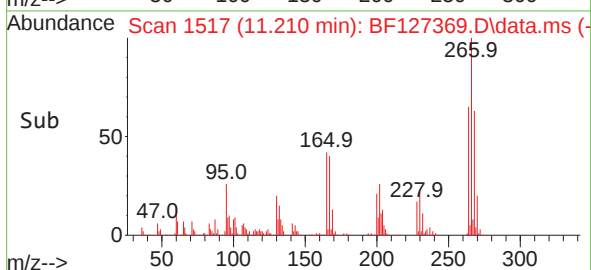
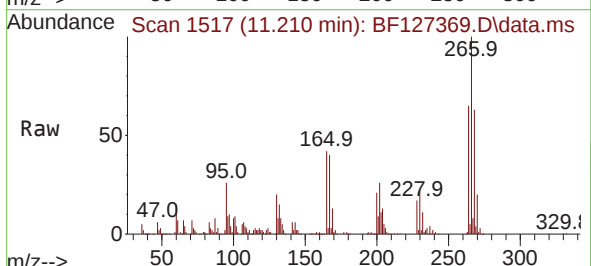
RT: 11.210 min Scan# 1517

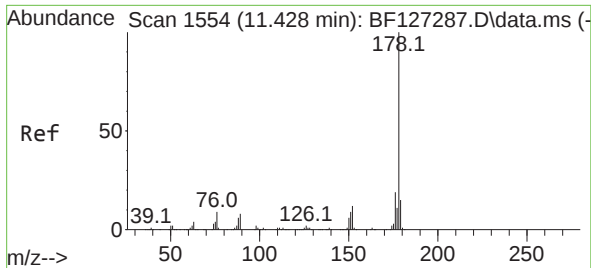
Delta R.T. -0.000 min

Lab File: BF127369.D

Acq: 17 Mar 2022 11:41

Tgt Ion:	266	Resp:	204630
Ion Ratio	Lower	Upper	
266	100		
268	62.9	52.3	78.5
264	64.6	50.4	75.6





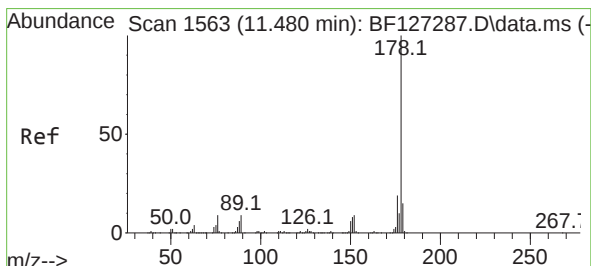
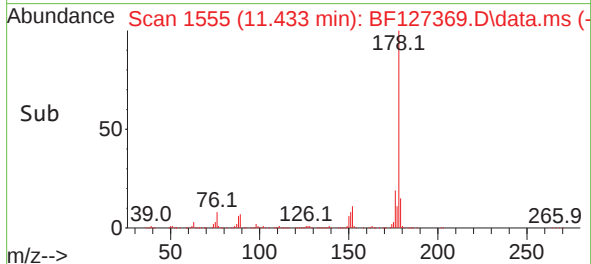
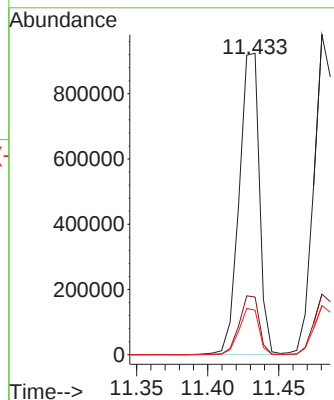
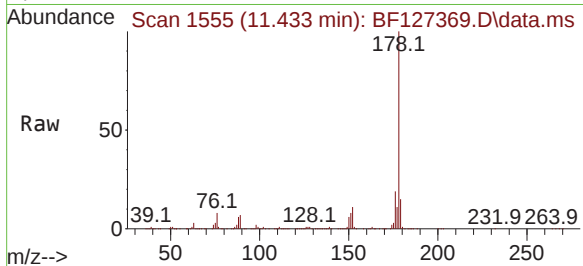
#71
Phenanthrene
Concen: 40.998 ng
RT: 11.433 min Scan# 1554
Delta R.T. 0.006 min
Lab File: BF127369.D
Acq: 17 Mar 2022 11:41

Instrument :
BNA_F
ClientSampleId :
PB143399BS

Tgt Ion:178 Resp: 916839
Ion Ratio Lower Upper
178 100
176 19.1 15.7 23.5
179 14.7 12.3 18.5

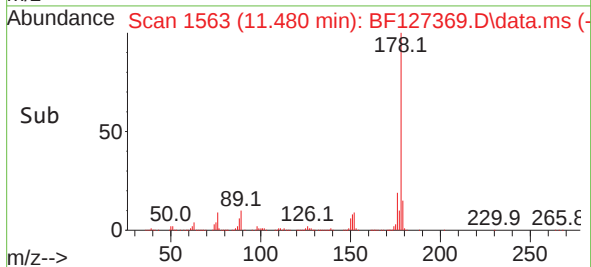
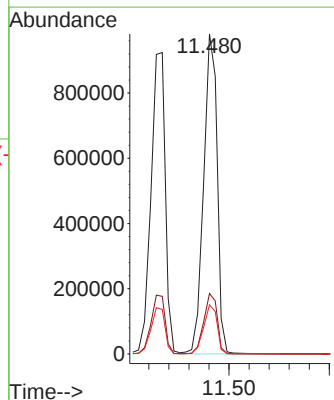
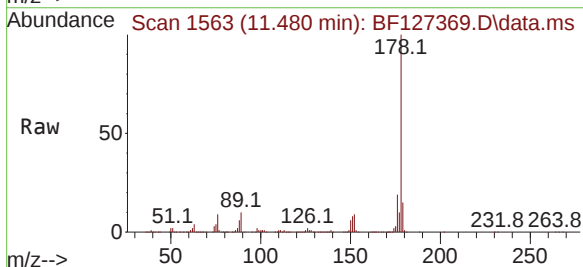
Manual Integrations
APPROVED

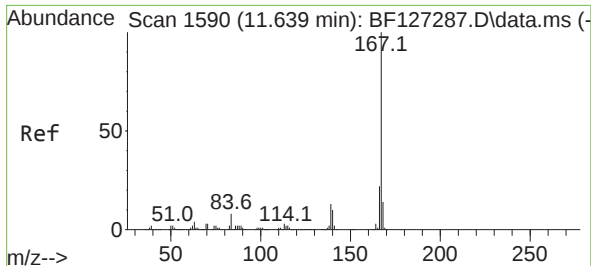
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022



#72
Anthracene
Concen: 41.698 ng
RT: 11.480 min Scan# 1563
Delta R.T. -0.000 min
Lab File: BF127369.D
Acq: 17 Mar 2022 11:41

Tgt Ion:178 Resp: 923480
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.6
179 15.3 12.5 18.7





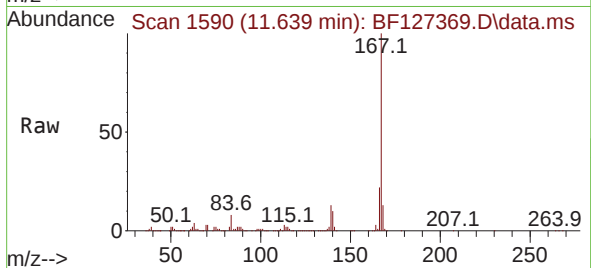
#73
 Carbazole
 Concen: 38.709 ng
 RT: 11.639 min Scan# 1590
 Delta R.T. -0.000 min
 Lab File: BF127369.D
 Acq: 17 Mar 2022 11:41

Instrument :

BNA_F

ClientSampleId :

PB143399BS

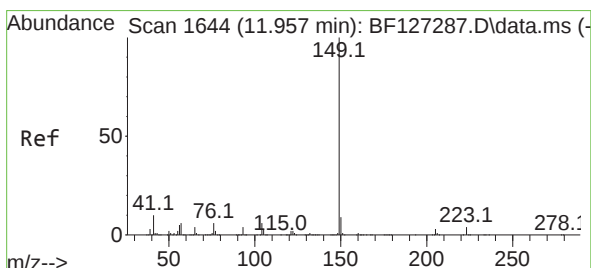
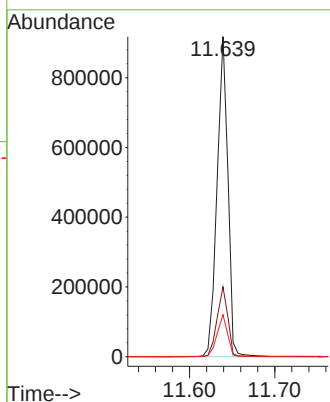
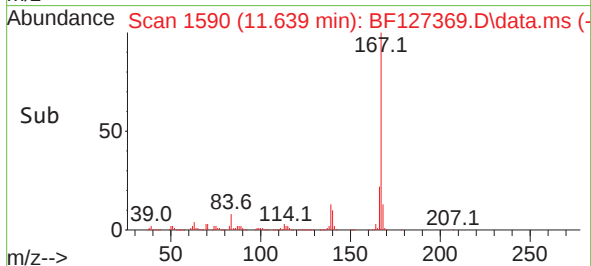


Tgt Ion:167 Resp: 807300
 Ion Ratio Lower Upper
 167 100
 166 21.8 16.9 25.3
 139 13.1 11.3 16.9

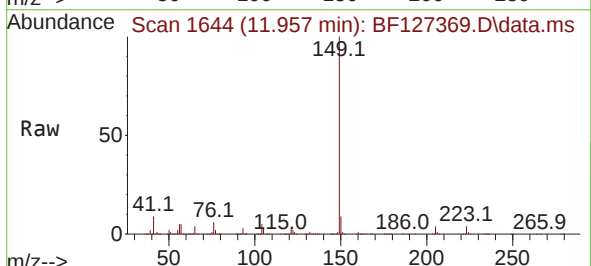
Manual Integrations

APPROVED

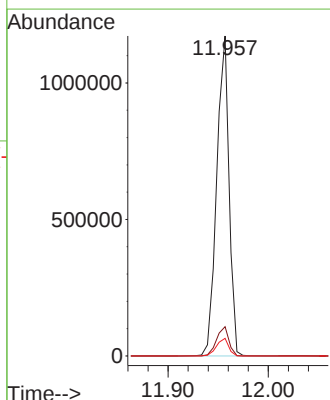
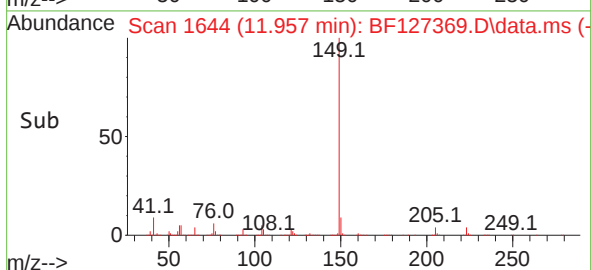
Reviewed By :Christian Giraldo 03/18/2022
 Supervised By :Jagrut Upadhyay 03/18/2022

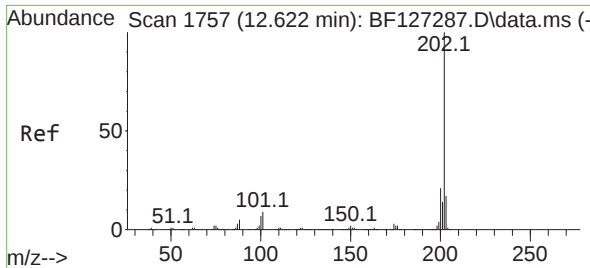


#74
 Di-n-butylphthalate
 Concen: 41.007 ng
 RT: 11.957 min Scan# 1644
 Delta R.T. -0.000 min
 Lab File: BF127369.D
 Acq: 17 Mar 2022 11:41



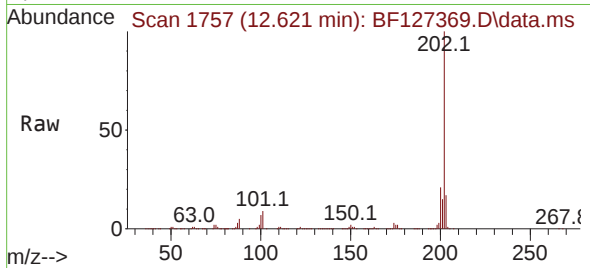
Tgt Ion:149 Resp: 1000317
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.2 10.8
 104 5.5 4.2 6.2





#75
Fluoranthene
Concen: 39.947 ng
RT: 12.621 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127369.D
Acq: 17 Mar 2022 11:41

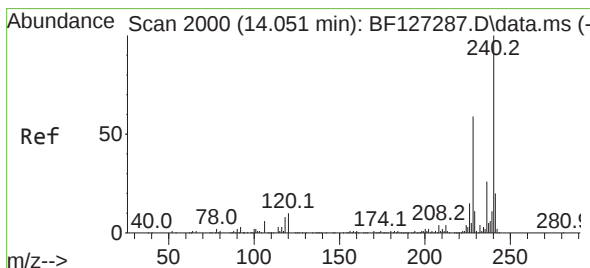
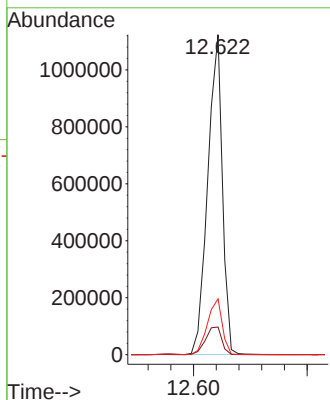
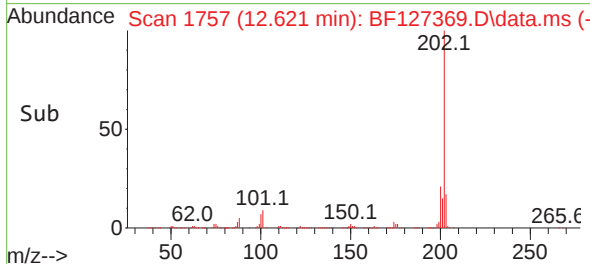
Instrument :
BNA_F
ClientSampleId :
PB143399BS



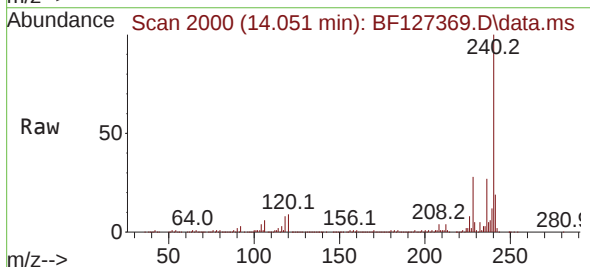
Tgt Ion:202 Resp: 998844
Ion Ratio Lower Upper
202 100
101 8.6 0.0 35.7
203 17.5 0.0 37.1

Manual Integrations
APPROVED

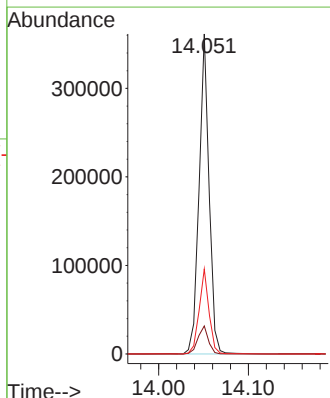
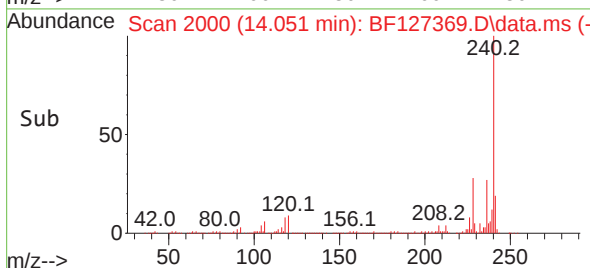
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022

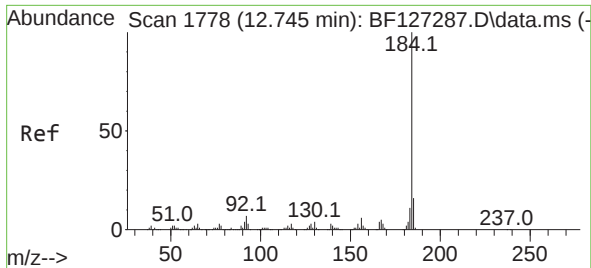


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2000
Delta R.T. -0.000 min
Lab File: BF127369.D
Acq: 17 Mar 2022 11:41



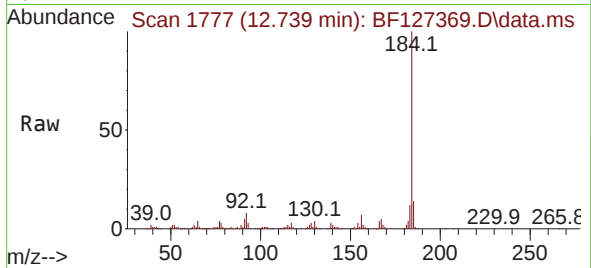
Tgt Ion:240 Resp: 279309
Ion Ratio Lower Upper
240 100
120 8.7 14.4 21.6#
236 26.5 20.5 30.7





#77
Benzidine
Concen: 47.481 ng
RT: 12.739 min Scan# 1777
Delta R.T. -0.006 min
Lab File: BF127369.D
Acq: 17 Mar 2022 11:41

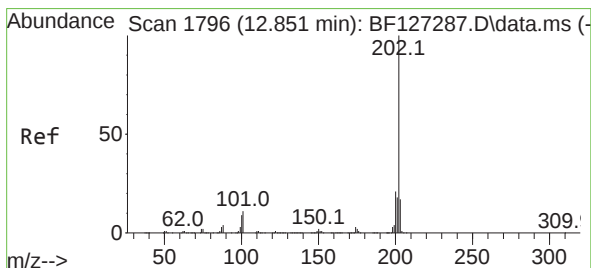
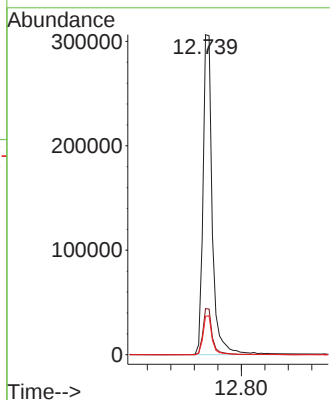
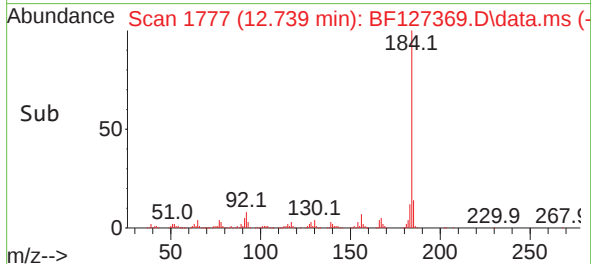
Instrument :
BNA_F
ClientSampleId :
PB143399BS



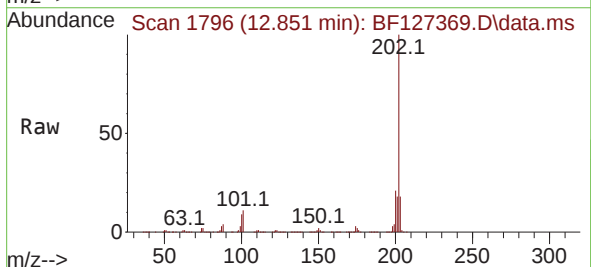
Tgt Ion:184 Resp: 337249
Ion Ratio Lower Upper
184 100
185 14.4 11.8 17.8
183 12.0 8.2 12.2

Manual Integrations
APPROVED

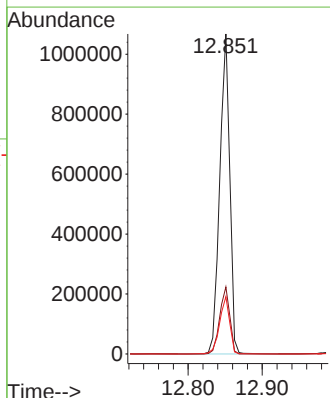
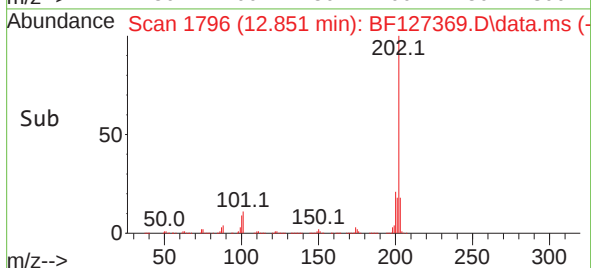
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022

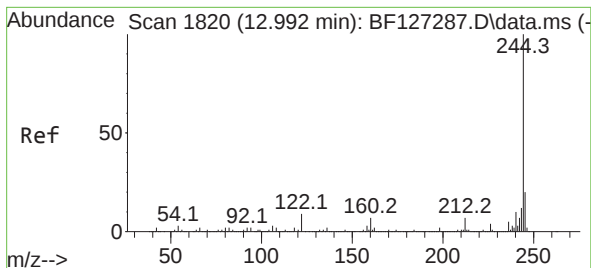


#78
Pyrene
Concen: 45.976 ng
RT: 12.851 min Scan# 1796
Delta R.T. -0.000 min
Lab File: BF127369.D
Acq: 17 Mar 2022 11:41



Tgt Ion:202 Resp: 1000229
Ion Ratio Lower Upper
202 100
200 21.0 16.6 24.8
203 17.9 13.8 20.8





#79

Terphenyl-d14

Concen: 91.898 ng

RT: 12.986 min Scan# 1819

Delta R.T. -0.006 min

Lab File: BF127369.D

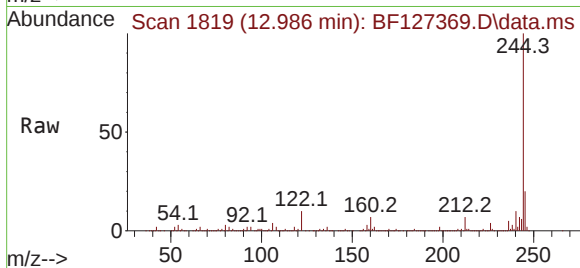
Acq: 17 Mar 2022 11:41

Instrument :

BNA_F

ClientSampleId :

PB143399BS



Tgt Ion:244 Resp: 149063

Ion Ratio Lower Upper

244 100

212 7.1 5.0 7.4

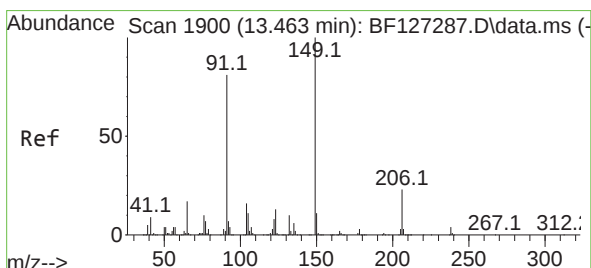
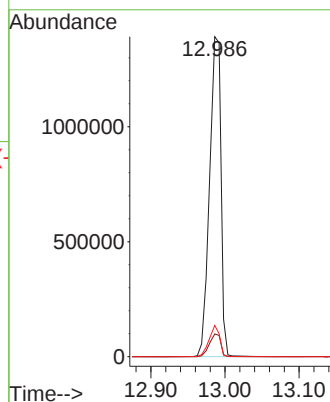
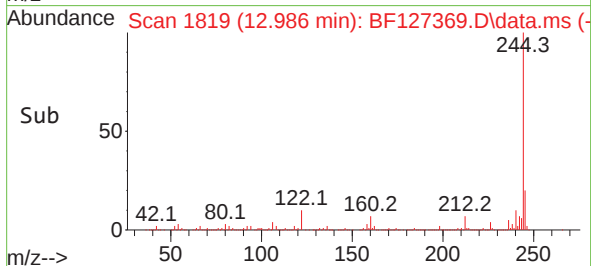
122 9.7 13.3 19.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/18/2022

Supervised By :Jagrut Upadhyay 03/18/2022



#80

Butylbenzylphthalate

Concen: 45.191 ng

RT: 13.457 min Scan# 1899

Delta R.T. -0.006 min

Lab File: BF127369.D

Acq: 17 Mar 2022 11:41

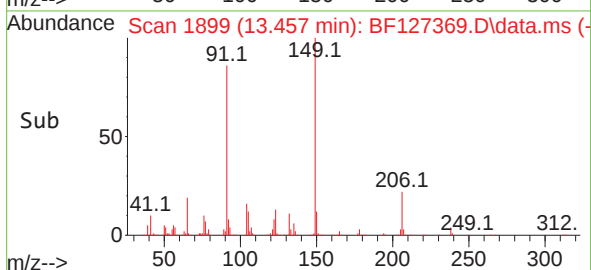
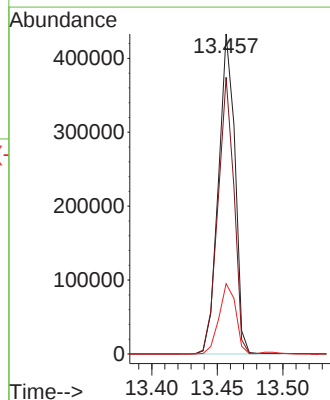
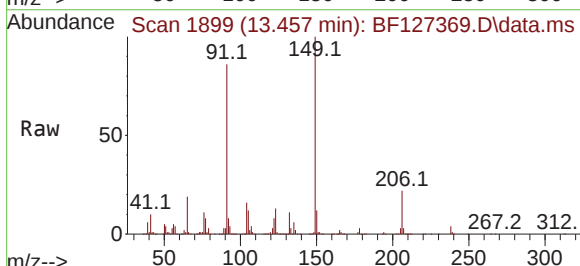
Tgt Ion:149 Resp: 378370

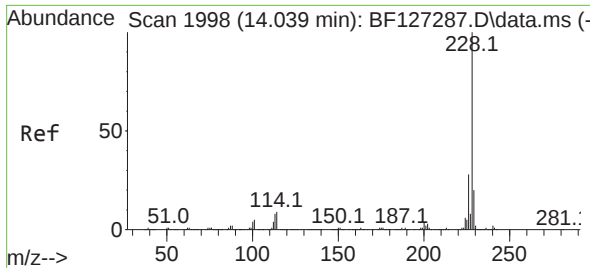
Ion Ratio Lower Upper

149 100

91 86.5 70.5 105.7

206 21.9 12.6 19.0





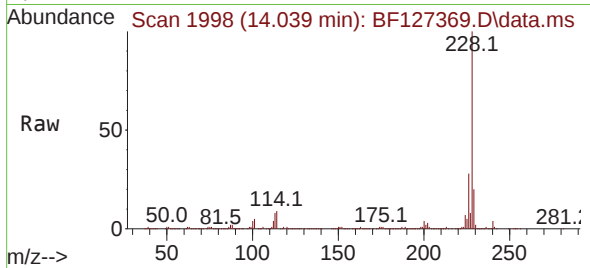
#81
Benzo(a)anthracene
Concen: 41.892 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.000 min
Lab File: BF127369.D
Acq: 17 Mar 2022 11:41

Instrument :

BNA_F

ClientSampleId :

PB143399BS

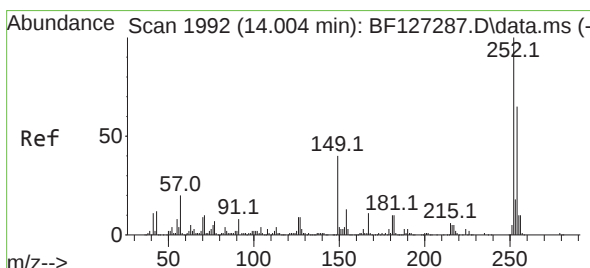
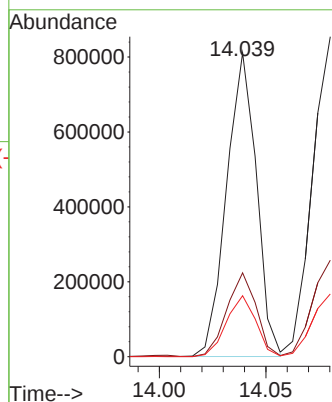
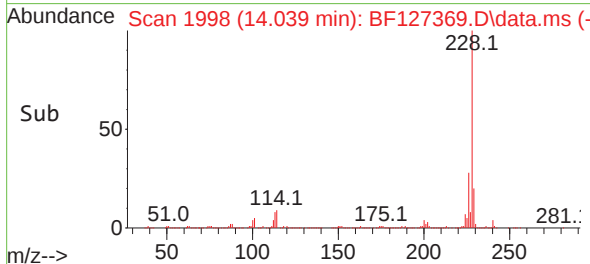


Tgt Ion:228 Resp: 787839
Ion Ratio Lower Upper
228 100
226 27.6 21.4 32.0
229 20.1 15.4 23.2

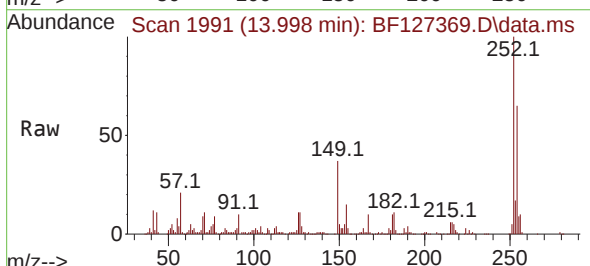
Manual Integrations

APPROVED

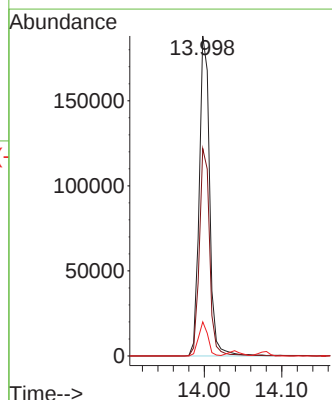
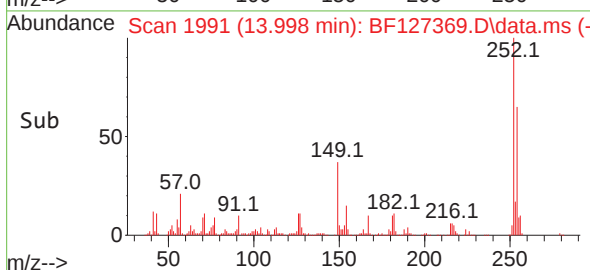
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022

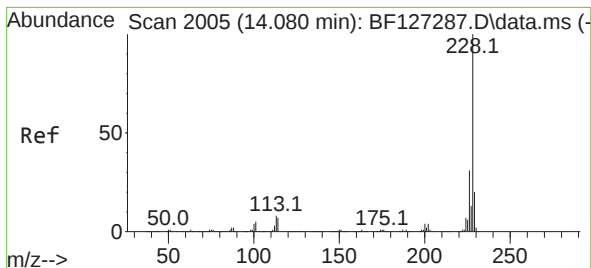


#82
3,3'-Dichlorobenzidine
Concen: 29.949 ng
RT: 13.998 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF127369.D
Acq: 17 Mar 2022 11:41



Tgt Ion:252 Resp: 175127
Ion Ratio Lower Upper
252 100
254 64.8 51.0 76.4
126 10.7 13.4 20.0#





#83

Chrysene

Concen: 42.290 ng

RT: 14.080 min Scan# 2005

Delta R.T. -0.000 min

Lab File: BF127369.D

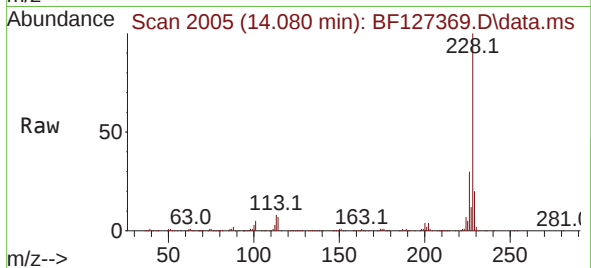
Acq: 17 Mar 2022 11:41

Instrument :

BNA_F

ClientSampleId :

PB143399BS

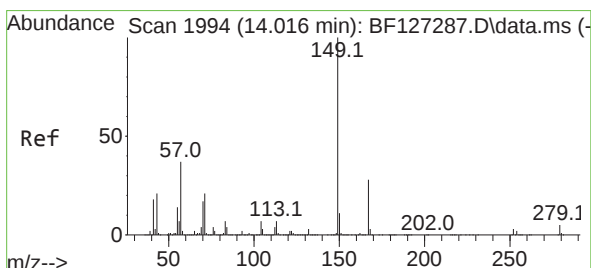
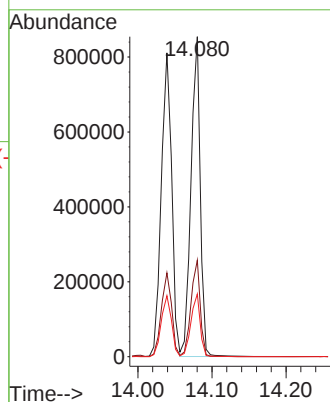
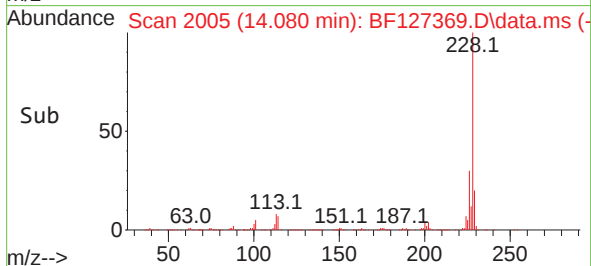


Tgt Ion:	228	Resp:	739740
Ion Ratio	100	Lower	Upper
228	100		
226	30.1	23.7	35.5
229	19.6	15.5	23.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.636 ng

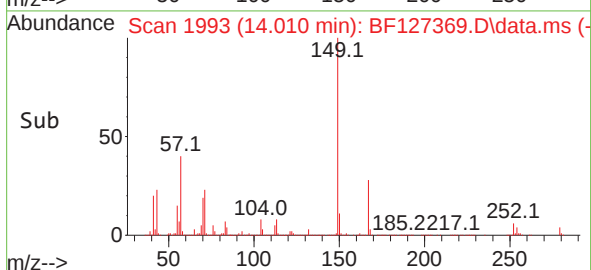
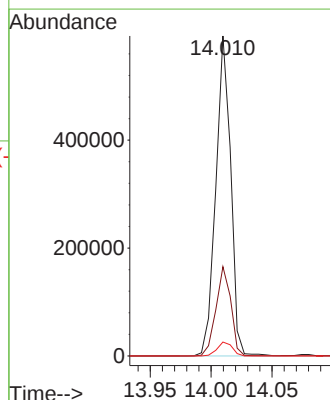
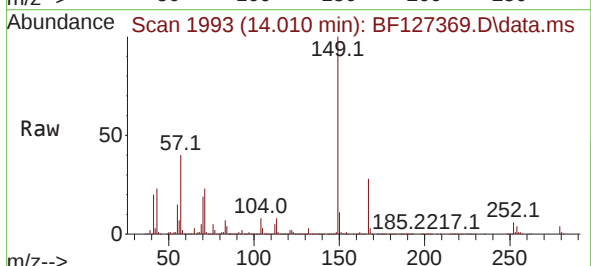
RT: 14.010 min Scan# 1993

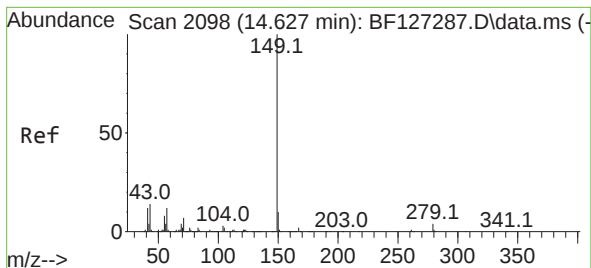
Delta R.T. -0.006 min

Lab File: BF127369.D

Acq: 17 Mar 2022 11:41

Tgt Ion:	149	Resp:	503087
Ion Ratio	100	Lower	Upper
149	100		
167	27.9	21.4	32.2
279	4.4	2.4	3.6





#85

Di-n-octyl phthalate

Concen: 43.568 ng

RT: 14.627 min Scan# 2098

Delta R.T. -0.000 min

Lab File: BF127369.D

Acq: 17 Mar 2022 11:41

Instrument :

BNA_F

ClientSampleId :

PB143399BS

Tgt Ion:149 Resp: 74323

Ion Ratio Lower Upper

149 100

167 1.7 1.1 1.7

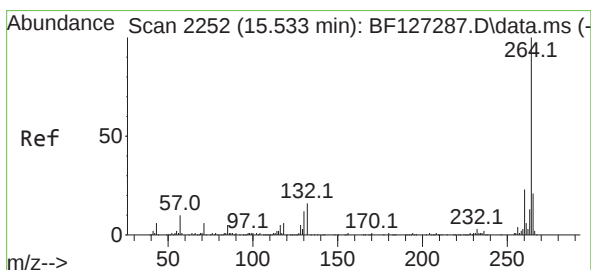
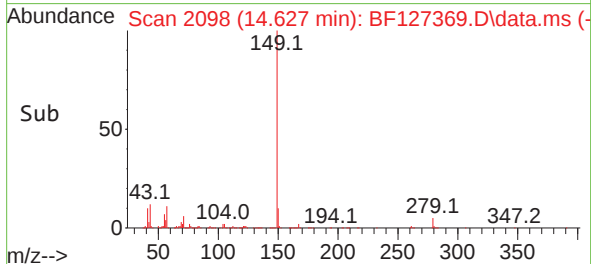
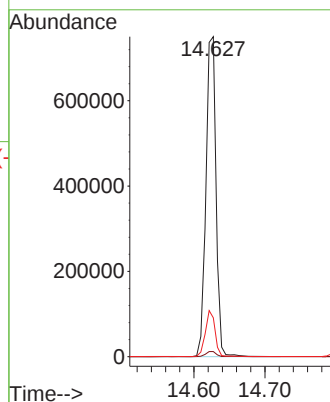
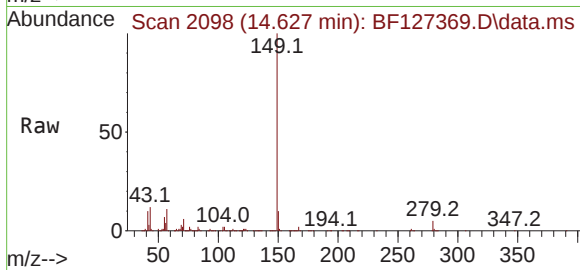
43 13.8 9.9 14.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/18/2022

Supervised By :Jagrut Upadhyay 03/18/2022



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2252

Delta R.T. -0.000 min

Lab File: BF127369.D

Acq: 17 Mar 2022 11:41

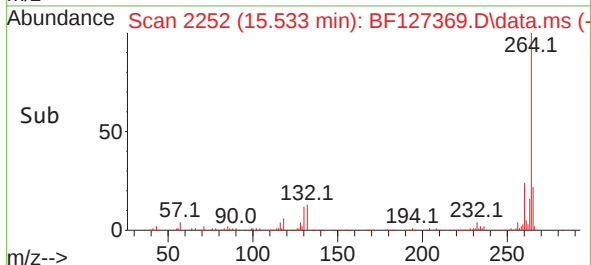
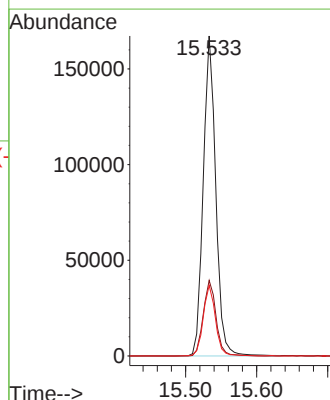
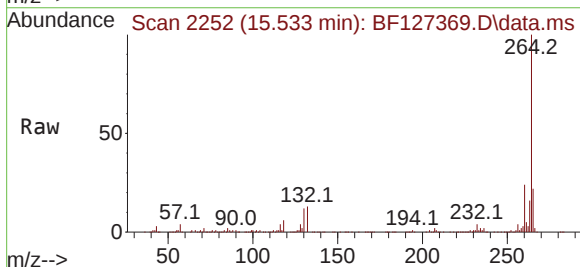
Tgt Ion:264 Resp: 205271

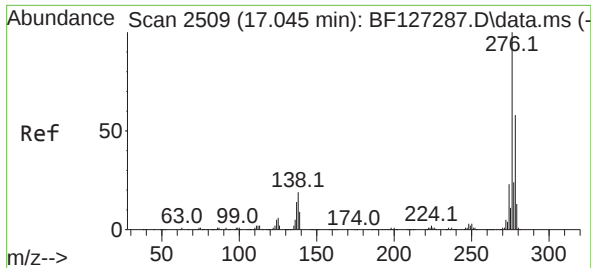
Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 22.0 17.4 26.2





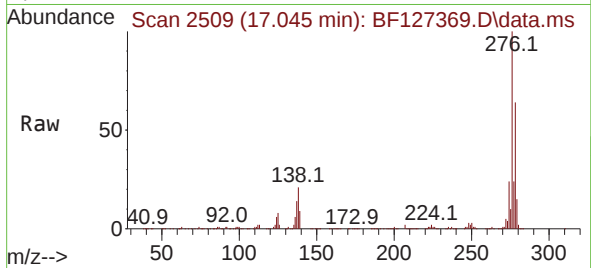
#87
Indeno(1,2,3-cd)pyrene
Concen: 45.717 ng
RT: 17.045 min Scan# 2178
Delta R.T. -0.000 min
Lab File: BF127369.D
Acq: 17 Mar 2022 11:41

Instrument :

BNA_F

ClientSampleId :

PB143399BS

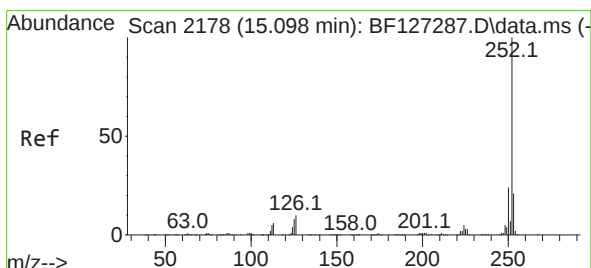
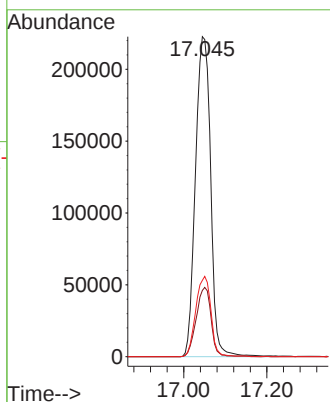
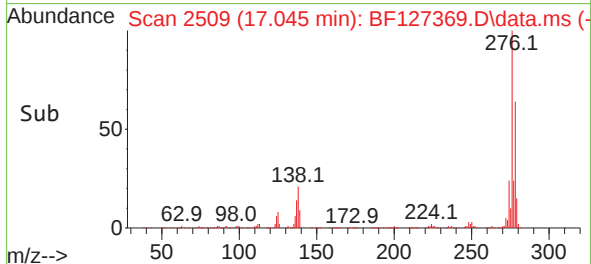


Tgt Ion:276 Resp: 56533
Ion Ratio Lower Upper
276 100
138 21.1 29.2 43.8
277 25.0 19.8 29.8

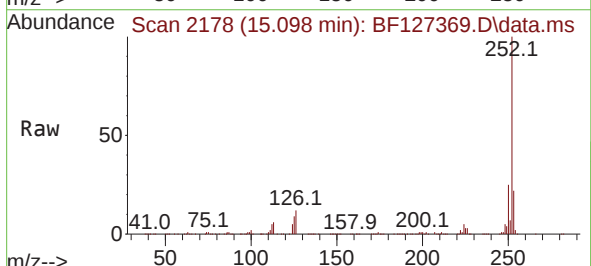
Manual Integrations

APPROVED

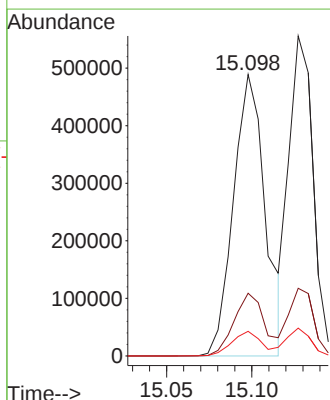
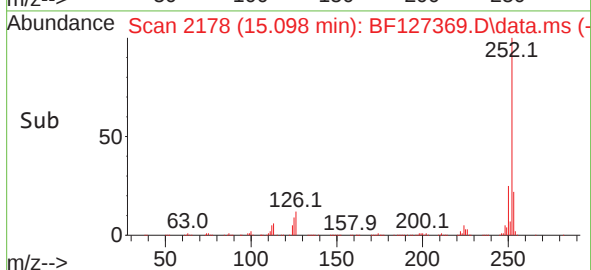
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022

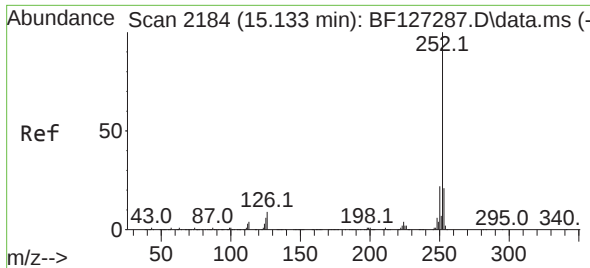


#88
Benzo(b)fluoranthene
Concen: 47.203 ng
RT: 15.098 min Scan# 2178
Delta R.T. -0.000 min
Lab File: BF127369.D
Acq: 17 Mar 2022 11:41



Tgt Ion:252 Resp: 636007
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 8.7 12.4 18.6





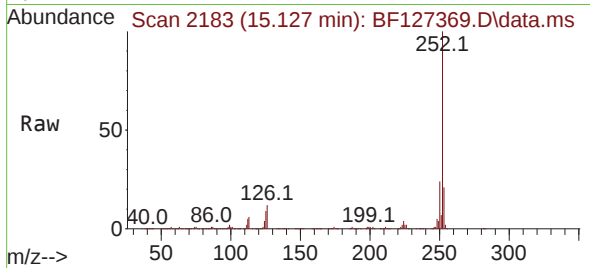
#89
Benzo(k)fluoranthene
Concen: 43.892 ng
RT: 15.127 min Scan# 2184
Delta R.T. -0.006 min
Lab File: BF127369.D
Acq: 17 Mar 2022 11:41

Instrument :

BNA_F

ClientSampleId :

PB143399BS

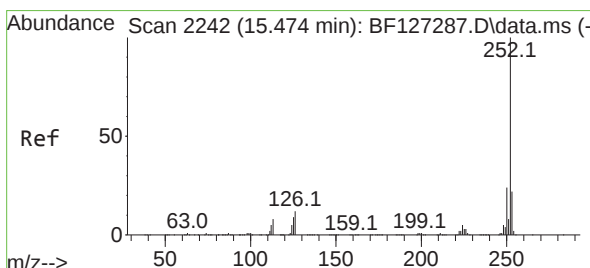
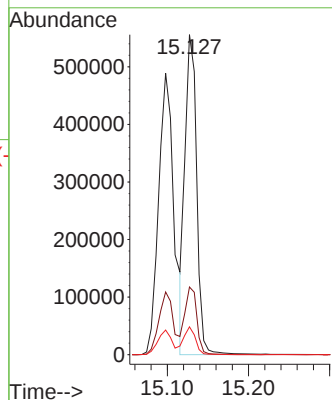
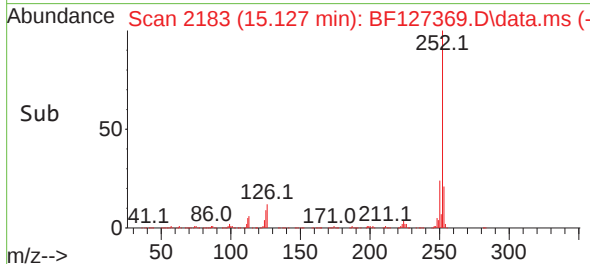


Tgt Ion:252 Resp: 556074
Ion Ratio Lower Upper
252 100
253 21.2 17.5 26.3
125 8.7 11.8 17.6

Manual Integrations

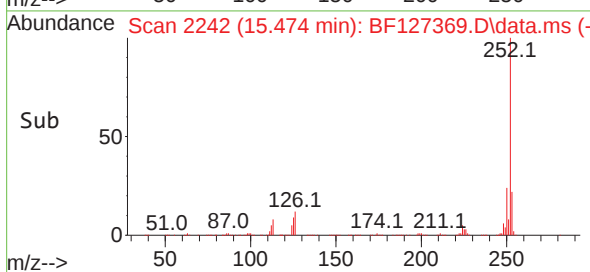
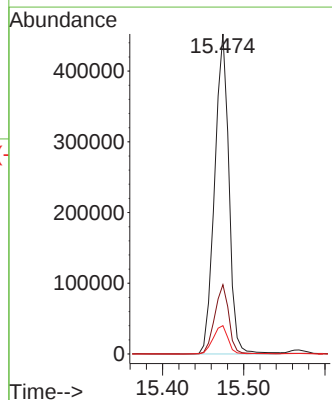
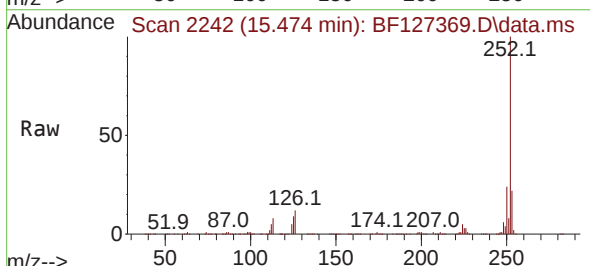
APPROVED

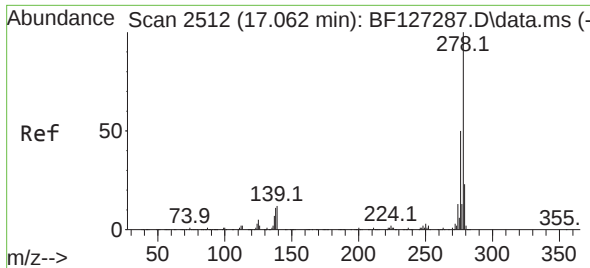
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022



#90
Benzo(a)pyrene
Concen: 52.037 ng
RT: 15.474 min Scan# 2242
Delta R.T. -0.000 min
Lab File: BF127369.D
Acq: 17 Mar 2022 11:41

Tgt Ion:252 Resp: 552124
Ion Ratio Lower Upper
252 100
253 21.6 17.1 25.7
125 8.9 13.0 19.6





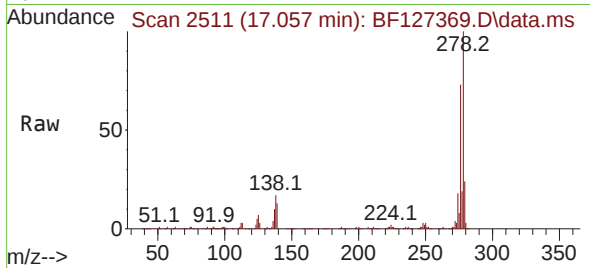
#91
Dibenzo(a,h)anthracene
Concen: 47.973 ng
RT: 17.057 min Scan# 2511
Delta R.T. -0.006 min
Lab File: BF127369.D
Acq: 17 Mar 2022 11:41

Instrument :

BNA_F

ClientSampleId :

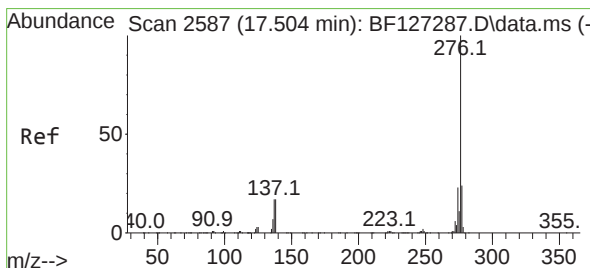
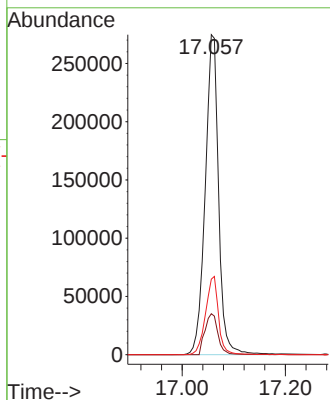
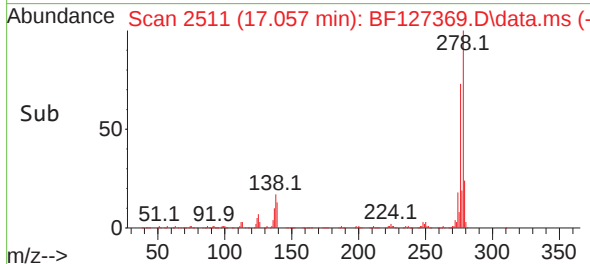
PB143399BS



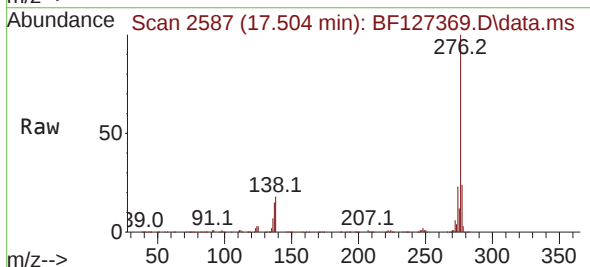
Tgt Ion:278 Resp: 493739
Ion Ratio Lower Upper
278 100
139 12.8 18.0 27.0
279 23.6 18.6 27.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022



#92
Benzo(g,h,i)perylene
Concen: 49.083 ng
RT: 17.504 min Scan# 2587
Delta R.T. -0.000 min
Lab File: BF127369.D
Acq: 17 Mar 2022 11:41



Tgt Ion:276 Resp: 492759
Ion Ratio Lower Upper
276 100
277 24.2 18.5 27.7
138 18.1 25.9 38.9

