

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041822\
 Data File : BF127824.D
 Acq On : 18 Apr 2022 14:33
 Operator : CG\JU
 Sample : PB144168BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144168BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/19/2022
 Supervised By : Jagrut Upadhyay 04/19/2022

Quant Time: Apr 19 05:15:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 16:40:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	175660	20.000	ng	-0.01
21) Naphthalene-d8	8.233	136	641971	20.000	ng	#-0.01
39) Acenaphthene-d10	9.998	164	362014	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	662370	20.000	ng	0.00
76) Chrysene-d12	14.139	240	458678	20.000	ng	# 0.00
86) Perylene-d12	15.650	264	358567	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.592	112	1160758	107.373	ng	0.01
7) Phenol-d6	6.580	99	1506329	106.511	ng	0.00
23) Nitrobenzene-d5	7.522	82	1082257	75.157	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	453874	117.817	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1849249	72.264	ng	0.00
79) Terphenyl-d14	13.074	244	2067420	74.398	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.957	88	159865	31.177	ng	84
3) Pyridine	3.687	79	431441	31.946	ng	# 82
4) n-Nitrosodimethylamine	3.657	42	248922	34.273	ng	93
6) Aniline	6.616	93	522651	30.986	ng	94
8) 2-Chlorophenol	6.739	128	463092	42.229	ng	92
9) Benzaldehyde	6.504	77	229880	30.496	ng	94
10) Phenol	6.592	94	561750m	39.724	ng	
11) bis(2-Chloroethyl)ether	6.686	93	469627	40.213	ng	90
12) 1,3-Dichlorobenzene	6.892	146	499695	39.879	ng	96
13) 1,4-Dichlorobenzene	6.969	146	505639	39.919	ng	99
14) 1,2-Dichlorobenzene	7.122	146	481634	39.780	ng	99
15) Benzyl Alcohol	7.092	79	427440	34.572	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.222	45	681275	36.957	ng	96
17) 2-Methylphenol	7.198	107	377016	39.524	ng	99
18) Hexachloroethane	7.463	117	193702	40.076	ng	99
19) n-Nitroso-di-n-propyla...	7.363	70	347214	37.959	ng	95
20) 3+4-Methylphenols	7.351	107	454087	37.356	ng	# 72
22) Acetophenone	7.363	105	636247	36.882	ng	# 84
24) Nitrobenzene	7.539	77	542601	38.871	ng	97
25) Isophorone	7.774	82	1003149	39.923	ng	98
26) 2-Nitrophenol	7.851	139	238258	47.495	ng	92
27) 2,4-Dimethylphenol	7.886	122	425022	43.274	ng	94
28) bis(2-Chloroethoxy)met...	7.980	93	584522	37.727	ng	99
29) 2,4-Dichlorophenol	8.092	162	407534	38.518	ng	96
30) 1,2,4-Trichlorobenzene	8.174	180	472241	38.782	ng	98
31) Naphthalene	8.257	128	1288965	38.317	ng	98
32) Benzoic acid	8.010	122	261765	36.735	ng	95
33) 4-Chloroaniline	8.304	127	226277	17.080	ng	94
34) Hexachlorobutadiene	8.369	225	312274	37.281	ng	98
35) Caprolactam	8.680	113	121492m	38.852	ng	
36) 4-Chloro-3-methylphenol	8.786	107	427913	38.577	ng	99
37) 2-Methylnaphthalene	8.951	142	866396	38.508	ng	99
38) 1-Methylnaphthalene	9.051	142	832929	38.355	ng	99
40) 1,2,4,5-Tetrachloroben...	9.116	216	463958	39.074	ng	# 98
41) Hexachlorocyclopentadiene	9.098	237	602746	84.271	ng	97
43) 2,4,6-Trichlorophenol	9.227	196	311401	38.629	ng	97

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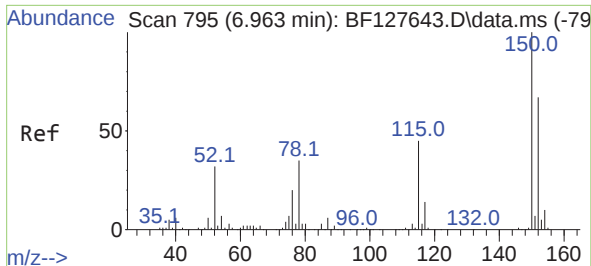
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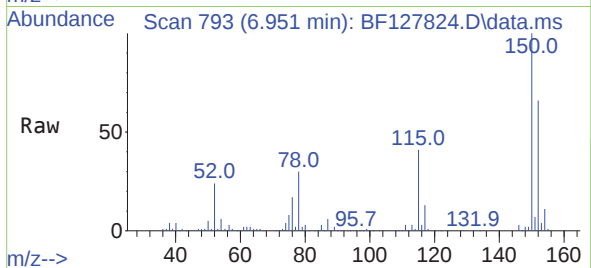
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	326786	40.174	ng	96
46) 1,1'-Biphenyl	9.416	154	1063014	38.395	ng	99
47) 2-Chloronaphthalene	9.439	162	845559	38.431	ng	98
48) 2-Nitroaniline	9.539	65	286081	41.866	ng	# 86
49) Acenaphthylene	9.863	152	1351576	40.387	ng	100
50) Dimethylphthalate	9.716	163	1007431	38.392	ng	99
51) 2,6-Dinitrotoluene	9.780	165	219937	44.465	ng	90
52) Acenaphthene	10.033	154	910268m	43.173	ng	
53) 3-Nitroaniline	9.951	138	146399	28.017	ng	94
54) 2,4-Dinitrophenol	10.057	184	234658	94.676	ng	96
55) Dibenzofuran	10.204	168	1147719	37.303	ng	98
56) 4-Nitrophenol	10.110	139	338660	82.513	ng	89
57) 2,4-Dinitrotoluene	10.186	165	298091	48.610	ng	# 77
58) Fluorene	10.545	166	884873	38.925	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.316	232	275771	38.907	ng	99
60) Diethylphthalate	10.416	149	946896	37.709	ng	99
61) 4-Chlorophenyl-phenyle...	10.533	204	475426	38.062	ng	97
62) 4-Nitroaniline	10.568	138	212221	43.123	ng	96
63) Azobenzene	10.698	77	983658	35.057	ng	96
65) 4,6-Dinitro-2-methylph...	10.592	198	151932	47.490	ng	88
66) n-Nitrosodiphenylamine	10.657	169	781988	37.486	ng	99
67) 4-Bromophenyl-phenylether	11.027	248	314928	39.176	ng	97
68) Hexachlorobenzene	11.092	284	353320	40.207	ng	98
69) Atrazine	11.180	200	297587	42.935	ng	98
70) Pentachlorophenol	11.286	266	385252	73.403	ng	99
71) Phenanthrene	11.515	178	1308361	37.281	ng	99
72) Anthracene	11.568	178	1335162	38.461	ng	99
73) Carbazole	11.721	167	1193701	36.697	ng	99
74) Di-n-butylphthalate	12.039	149	1436053	36.930	ng	99
75) Fluoranthene	12.704	202	1462534	38.190	ng	98
77) Benzidine	12.821	184	416508	34.791	ng	99
78) Pyrene	12.939	202	1483933	38.313	ng	100
80) Butylbenzylphthalate	13.545	149	568767	39.439	ng	94
81) Benzo(a)anthracene	14.127	228	1217586	39.745	ng	99
82) 3,3'-Dichlorobenzidine	14.086	252	279817	29.299	ng	96
83) Chrysene	14.162	228	1111577	37.800	ng	98
84) Bis(2-ethylhexyl)phtha...	14.104	149	759762	37.376	ng	99
85) Di-n-octyl phthalate	14.721	149	1151550	38.744	ng	# 93
87) Indeno(1,2,3-cd)pyrene	17.209	276	919912	41.062	ng	99
88) Benzo(b)fluoranthene	15.203	252	988316	42.846	ng	98
89) Benzo(k)fluoranthene	15.233	252	951974	41.612	ng	99
90) Benzo(a)pyrene	15.592	252	917598	48.943	ng	99
91) Dibenzo(a,h)anthracene	17.233	278	803189	44.249	ng	97
92) Benzo(g,h,i)perylene	17.686	276	809030	43.476	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.951 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF127824.D
Acq: 18 Apr 2022 14:33

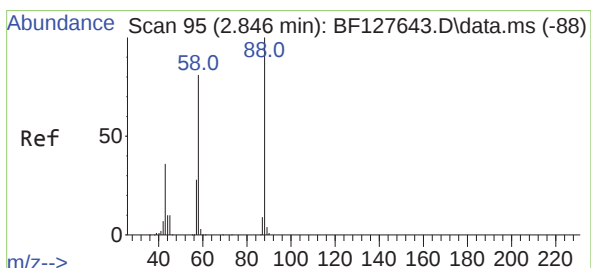
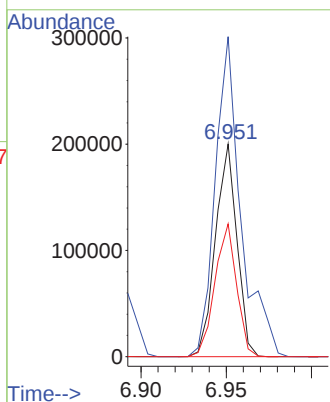
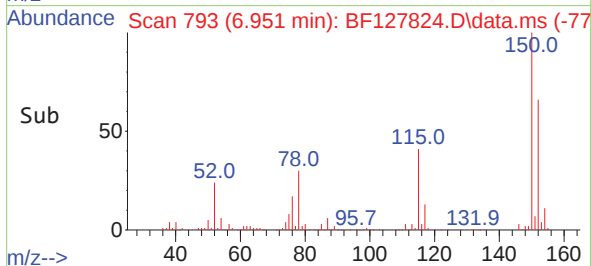
Instrument :
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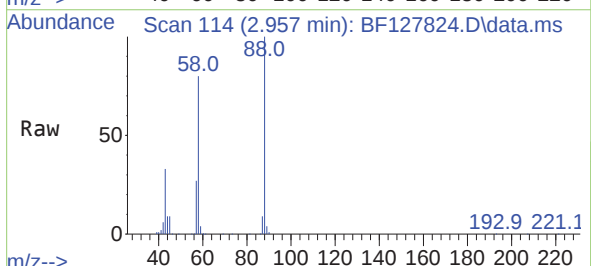
Tgt Ion:152 Resp: 175660
Ion Ratio Lower Upper
152 100
150 150.4 117.2 175.8
115 62.4 49.8 74.6

Manual Integrations
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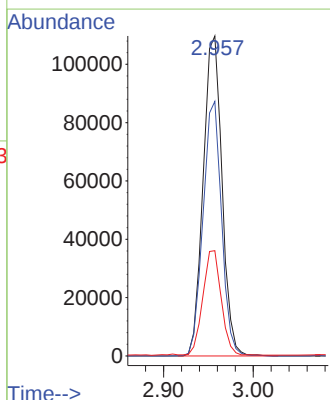
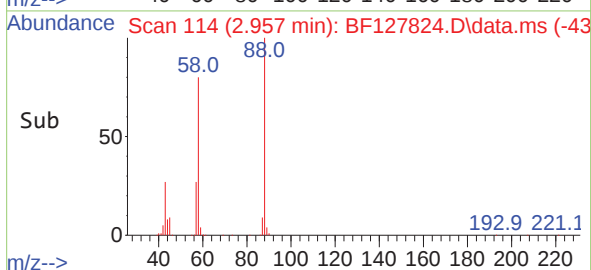
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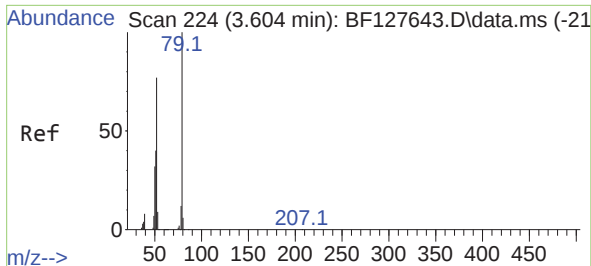


#2
1,4-Dioxane
Concen: 31.177 ng
RT: 2.957 min Scan# 114
Delta R.T. 0.117 min
Lab File: BF127824.D
Acq: 18 Apr 2022 14:33



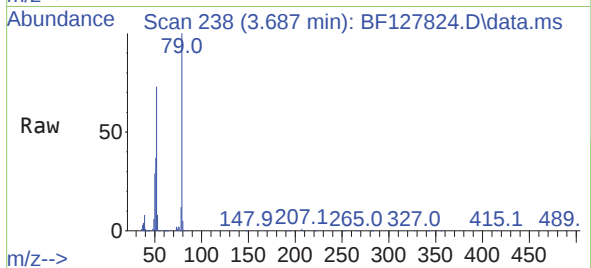
Tgt Ion: 88 Resp: 159865
Ion Ratio Lower Upper
88 100
58 78.3 77.0 115.4
43 32.2 31.3 46.9





#3
Pyridine
Concen: 31.946 ng
RT: 3.687 min Scan# 21
Delta R.T. 0.082 min
Lab File: BF127824.D
Acq: 18 Apr 2022 14:33

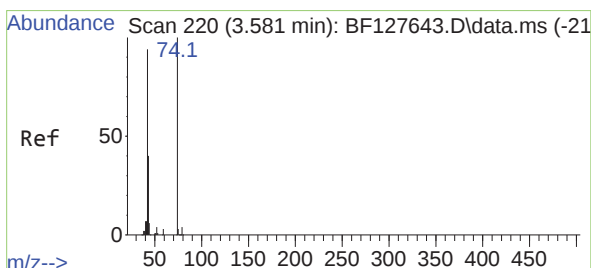
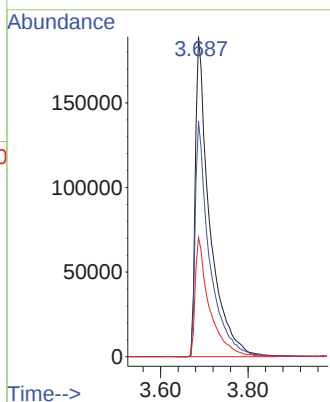
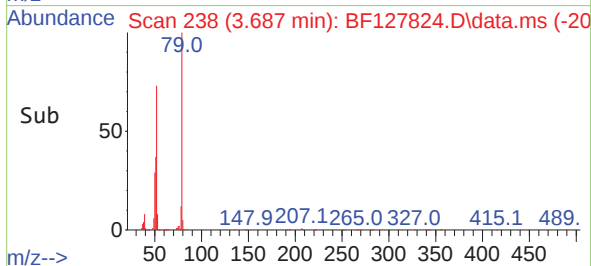
Instrument :
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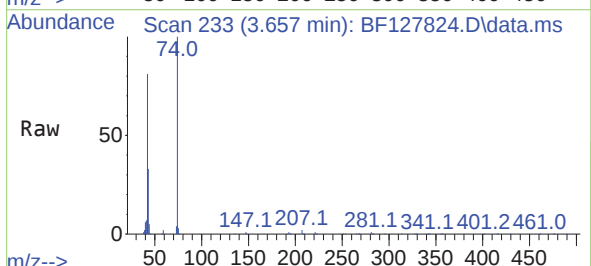
Tgt Ion: 79 Resp: 43144
Ion Ratio Lower Upper
79 100
52 73.5 74.2 111.4
51 37.3 36.7 55.1

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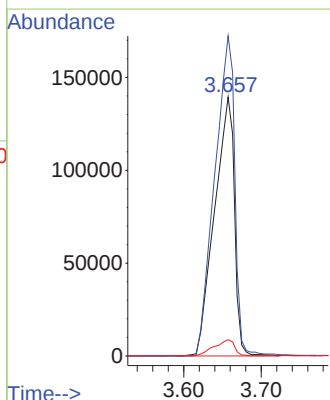
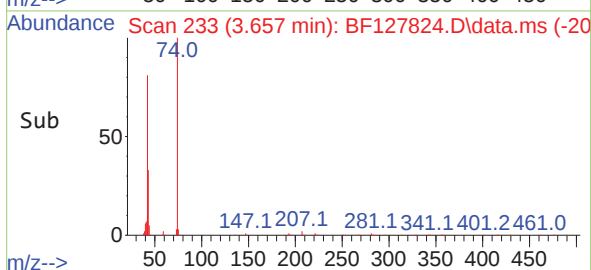
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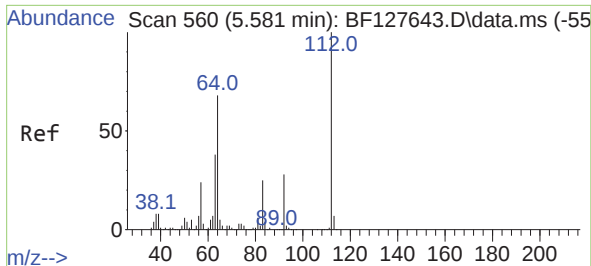


#4
n-Nitrosodimethylamine
Concen: 34.273 ng
RT: 3.657 min Scan# 233
Delta R.T. 0.076 min
Lab File: BF127824.D
Acq: 18 Apr 2022 14:33



Tgt Ion: 42 Resp: 248922
Ion Ratio Lower Upper
42 100
74 123.6 92.4 138.6
44 6.3 6.0 9.0





#5
2-Fluorophenol
Concen: 107.373 ng
RT: 5.592 min Scan# 50
Delta R.T. 0.011 min
Lab File: BF127824.D
Acq: 18 Apr 2022 14:33

Instrument :

BNA_F

ClientSampleId :

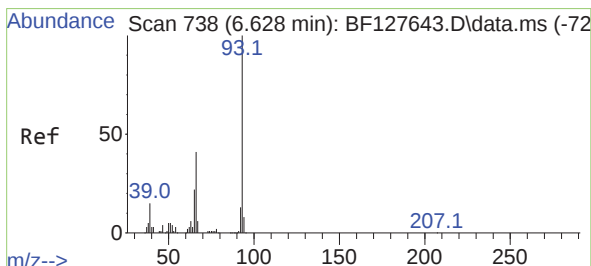
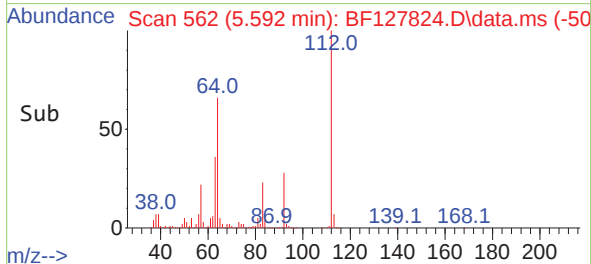
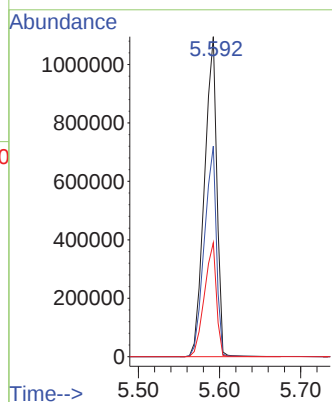
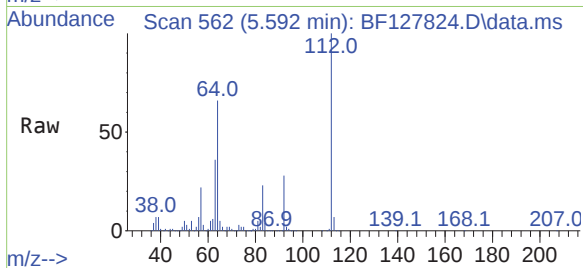
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Tgt Ion:112 Resp: 116075
Ion Ratio Lower Upper
112 100
64 65.8 58.4 87.6
63 35.6 30.1 45.1

Manual Integrations

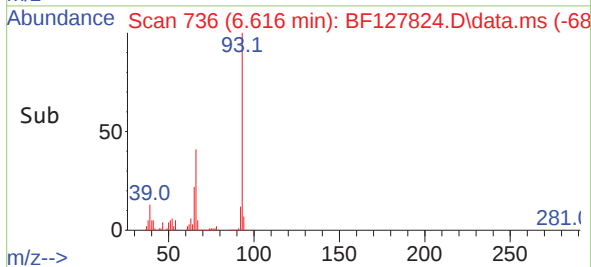
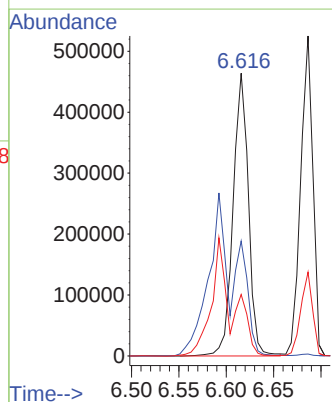
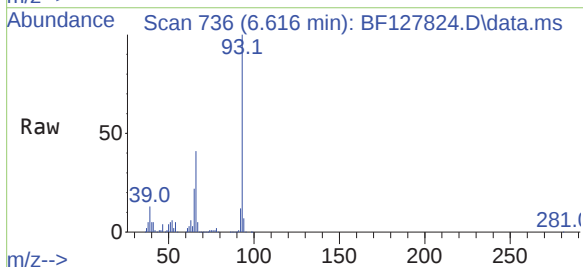
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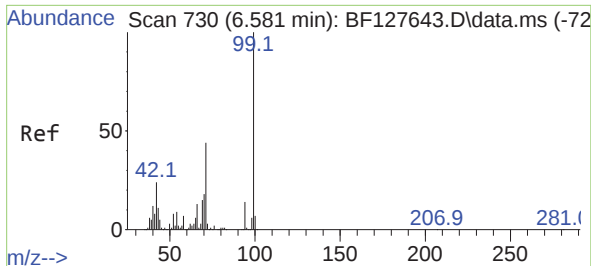
Reviewed By :Christian Giraldo 04/19/2022
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#6
Aniline
Concen: 30.986 ng
RT: 6.616 min Scan# 736
Delta R.T. -0.012 min
Lab File: BF127824.D
Acq: 18 Apr 2022 14:33

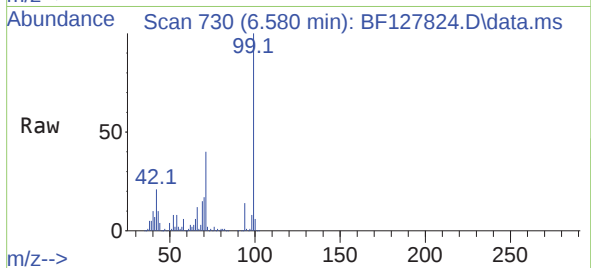
Tgt Ion: 93 Resp: 522651
Ion Ratio Lower Upper
93 100
66 40.6 36.2 54.4
65 21.8 18.4 27.6





#7
Phenol-d6
Concen: 106.511 ng
RT: 6.580 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF127824.D
Acq: 18 Apr 2022 14:33

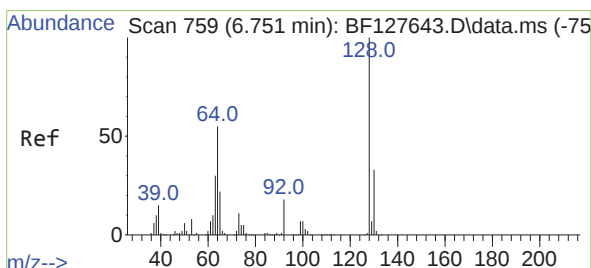
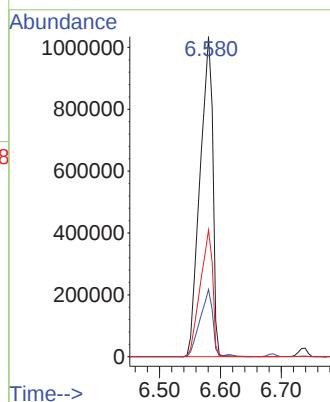
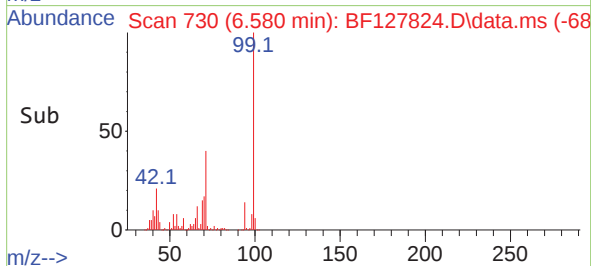
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ClientSampleId :
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Tgt Ion: 99 Resp: 1506329
Ion Ratio Lower Upper
99 100
42 21.0 17.8 26.6
71 39.6 29.6 44.4

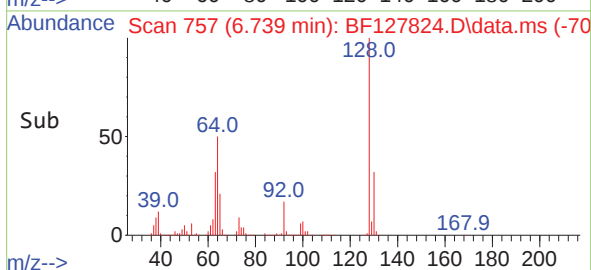
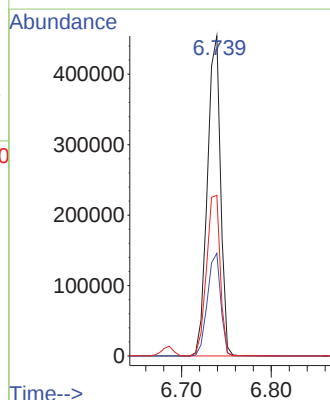
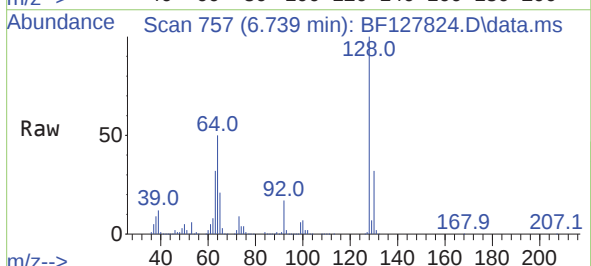
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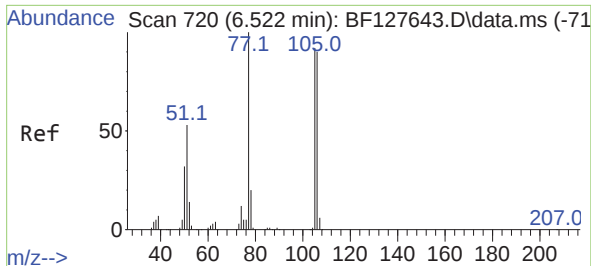
Reviewed By :Christian Giraldo 04/19/2022
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#8
2-Chlorophenol
Concen: 42.229 ng
RT: 6.739 min Scan# 757
Delta R.T. -0.006 min
Lab File: BF127824.D
Acq: 18 Apr 2022 14:33

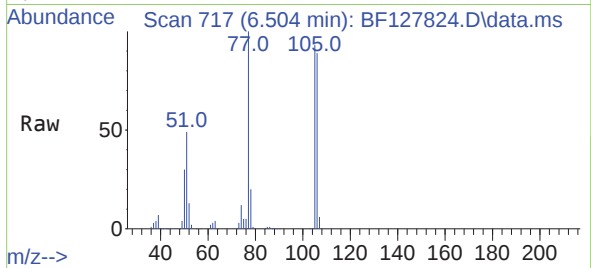
Tgt Ion:128 Resp: 463092
Ion Ratio Lower Upper
128 100
130 32.0 11.3 51.3
64 50.2 38.4 78.4





#9
Benzaldehyde
Concen: 30.496 ng
RT: 6.504 min Scan# 717
Delta R.T. -0.012 min
Lab File: BF127824.D
Acq: 18 Apr 2022 14:33

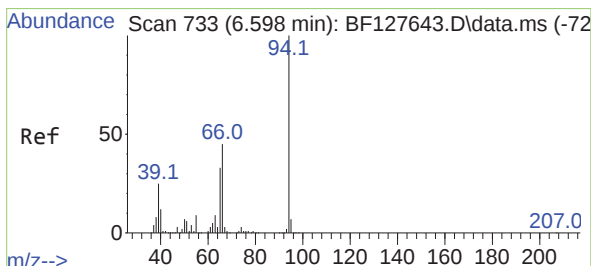
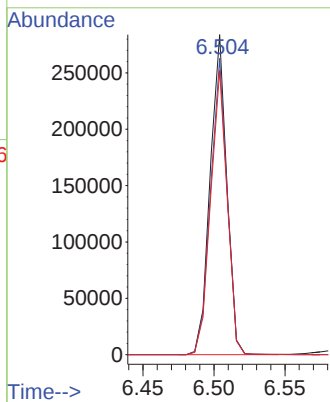
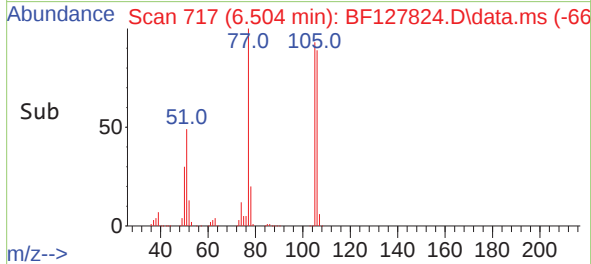
Instrument :
BNA_F
ClientSampleId :
PB144168BS



Tgt Ion: 77 Resp: 229880
Ion Ratio Lower Upper
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105 92.6 66.8 106.8
106 88.9 64.3 104.3

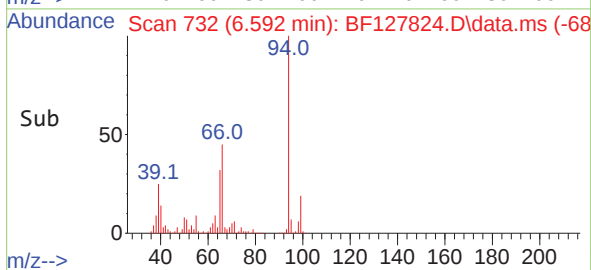
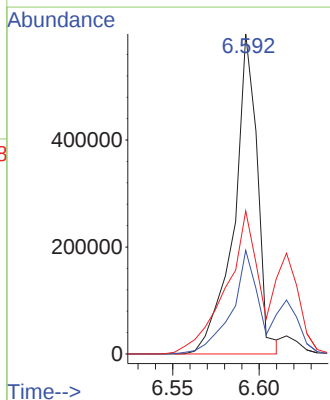
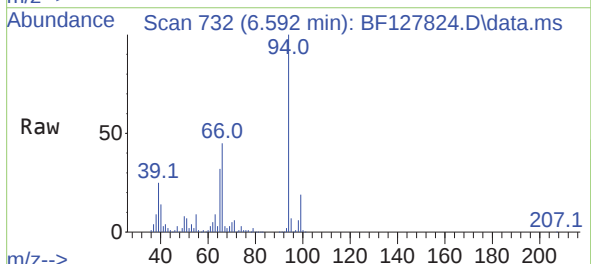
Manual Integrations
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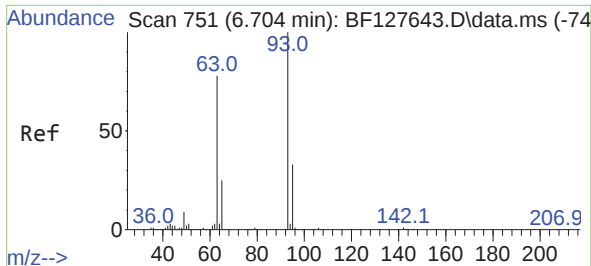
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#10
Phenol
Concen: 39.724 ng m
RT: 6.592 min Scan# 732
Delta R.T. -0.006 min
Lab File: BF127824.D
Acq: 18 Apr 2022 14:33

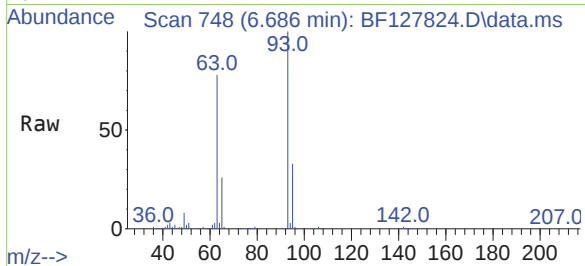
Tgt Ion: 94 Resp: 561750
Ion Ratio Lower Upper
94 100
65 32.4 13.1 53.1
66 44.7 24.9 64.9





#11
bis(2-Chloroethyl)ether
Concen: 40.213 ng
RT: 6.686 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF127824.D
Acq: 18 Apr 2022 14:33

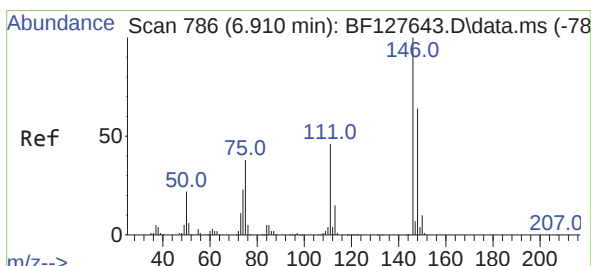
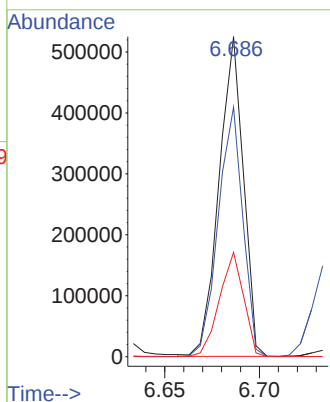
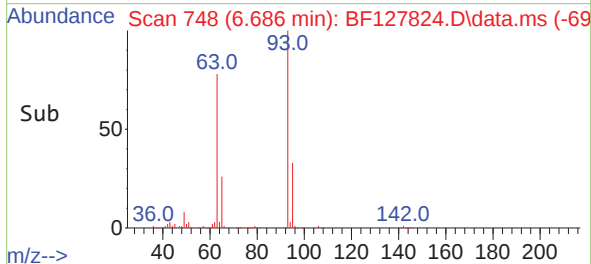
Instrument :
BNA_F
ClientSampleId :
PB144168BS



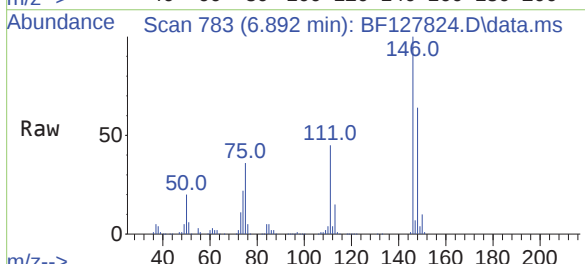
Tgt Ion: 93 Resp: 469627
Ion Ratio Lower Upper
93 100
63 78.0 69.6 109.6
95 32.6 11.6 51.6

Manual Integrations
APPROVED

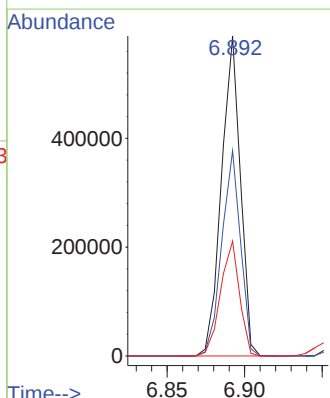
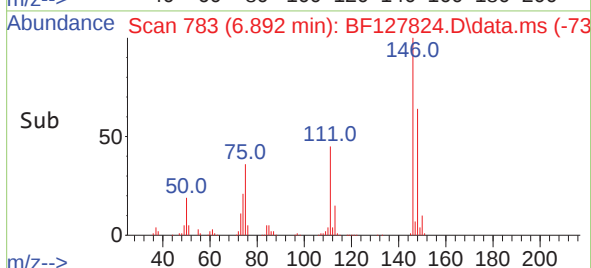
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022

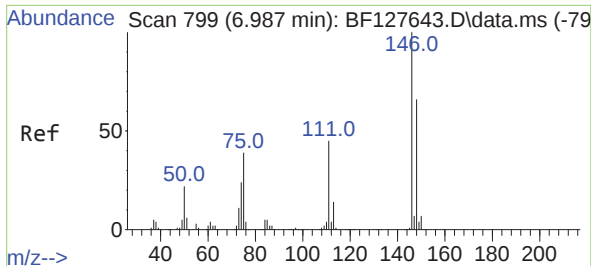


#12
1,3-Dichlorobenzene
Concen: 39.879 ng
RT: 6.892 min Scan# 783
Delta R.T. -0.012 min
Lab File: BF127824.D
Acq: 18 Apr 2022 14:33



Tgt Ion:146 Resp: 499695
Ion Ratio Lower Upper
146 100
148 64.2 50.6 76.0
75 35.9 32.4 48.6





#13
1,4-Dichlorobenzene
Concen: 39.919 ng
RT: 6.969 min Scan# 799
Delta R.T. -0.012 min
Lab File: BF127824.D
Acq: 18 Apr 2022 14:33

Instrument :

BNA_F

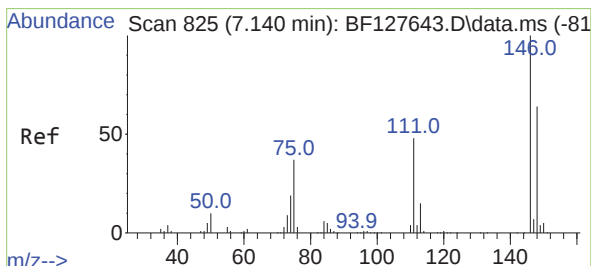
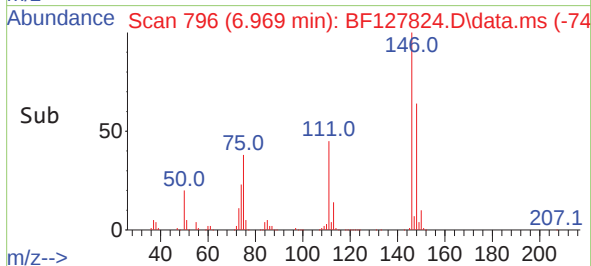
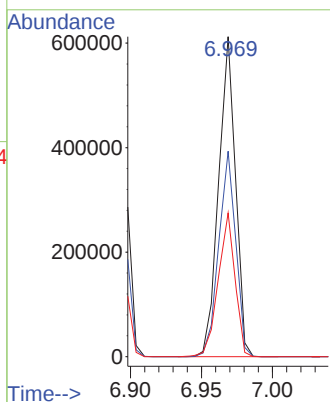
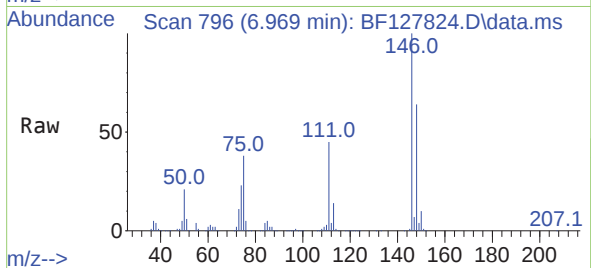
ClientSampleId :

PB144168BS

Tgt Ion:146 Resp: 505639
Ion Ratio Lower Upper
146 100
148 64.2 51.3 76.9
111 44.9 34.2 51.4

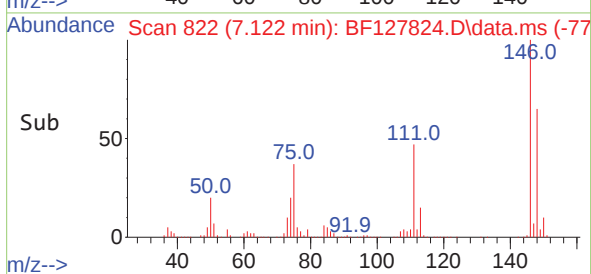
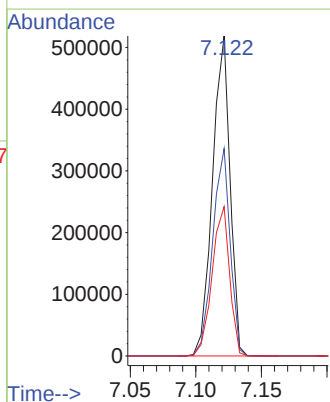
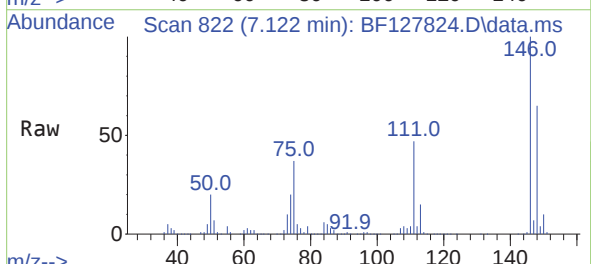
Manual Integrations
APPROVED

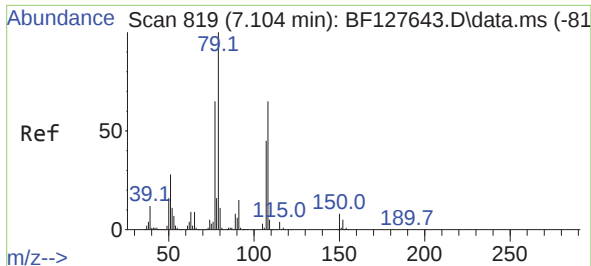
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#14
1,2-Dichlorobenzene
Concen: 39.780 ng
RT: 7.122 min Scan# 822
Delta R.T. -0.012 min
Lab File: BF127824.D
Acq: 18 Apr 2022 14:33

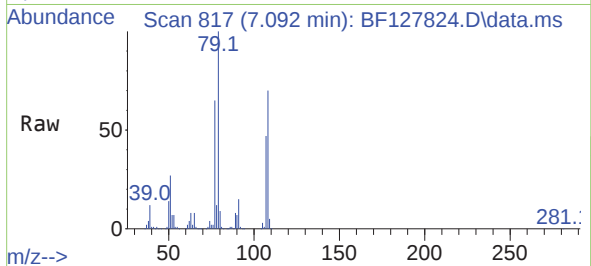
Tgt Ion:146 Resp: 481634
Ion Ratio Lower Upper
146 100
148 64.8 51.4 77.2
111 46.6 36.4 54.6





#15
Benzyl Alcohol
Concen: 34.572 ng
RT: 7.092 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF127824.D
Acq: 18 Apr 2022 14:33

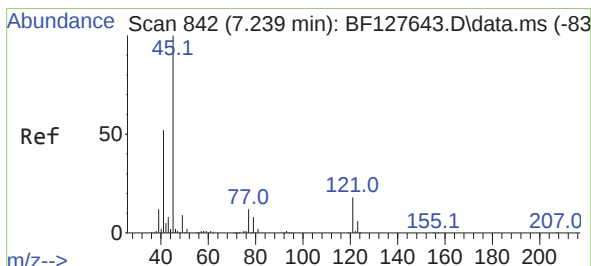
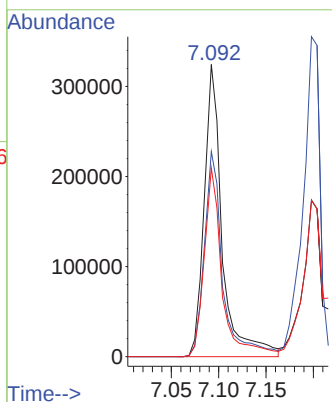
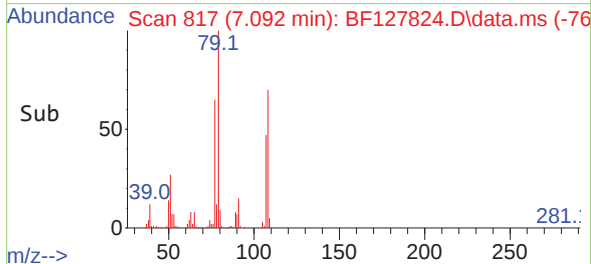
Instrument :
BNA_F
ClientSampleId :
PB144168BS



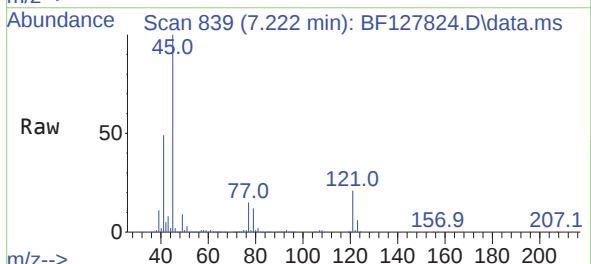
Tgt Ion: 79 Resp: 427440
Ion Ratio Lower Upper
79 100
108 70.2 52.2 78.2
77 64.6 48.3 72.5

Manual Integrations
APPROVED

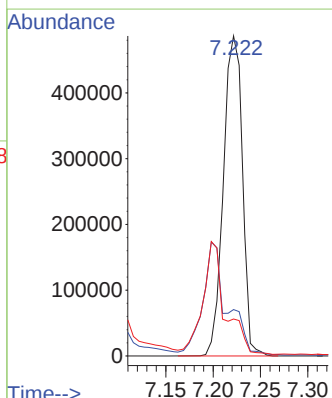
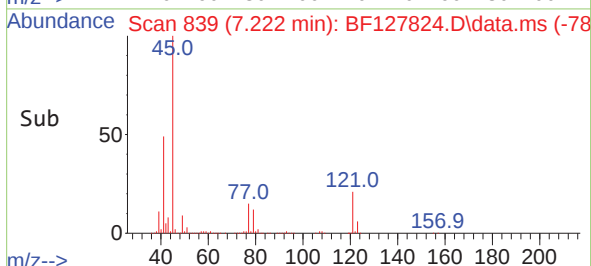
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022

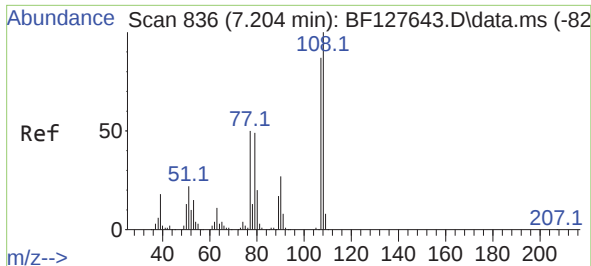


#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.957 ng
RT: 7.222 min Scan# 839
Delta R.T. -0.006 min
Lab File: BF127824.D
Acq: 18 Apr 2022 14:33



Tgt Ion: 45 Resp: 681275
Ion Ratio Lower Upper
45 100
77 14.5 0.0 32.9
79 11.5 0.0 29.9





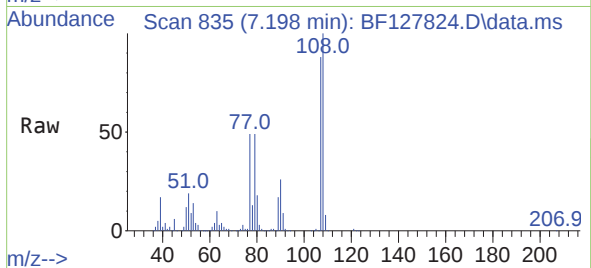
#17
2-Methylphenol
Concen: 39.524 ng
RT: 7.198 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF127824.D
Acq: 18 Apr 2022 14:33

Instrument :

BNA_F

ClientSampleId :

PB144168BS

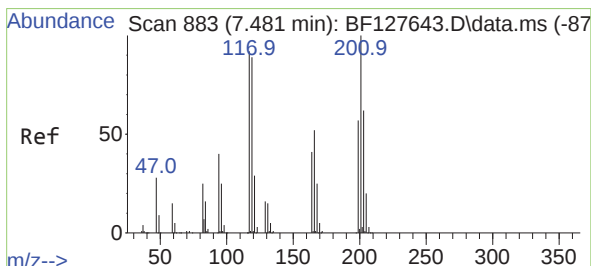
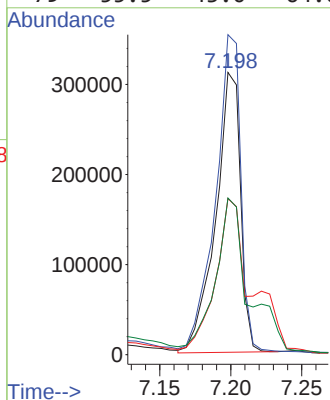
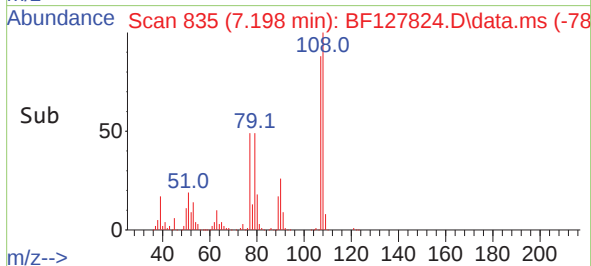


Tgt Ion:107 Resp: 377010
Ion Ratio Lower Upper
107 100
108 113.4 90.7 136.1
77 55.4 42.9 64.3
79 55.5 43.0 64.6

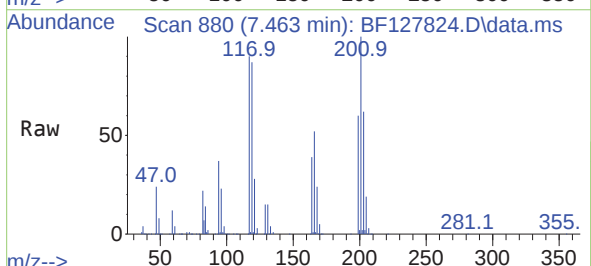
Manual Integrations

APPROVED

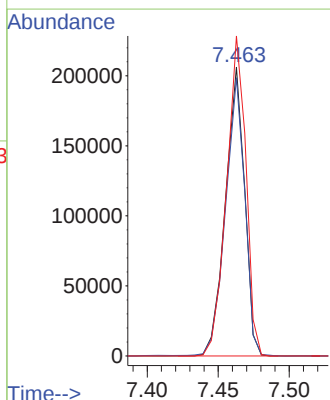
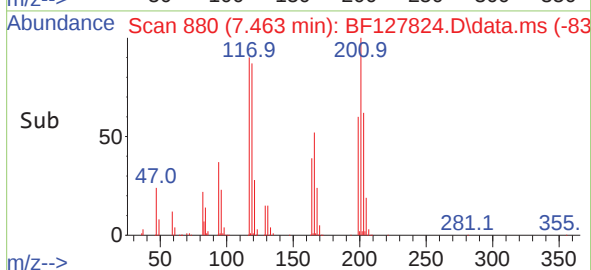
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022

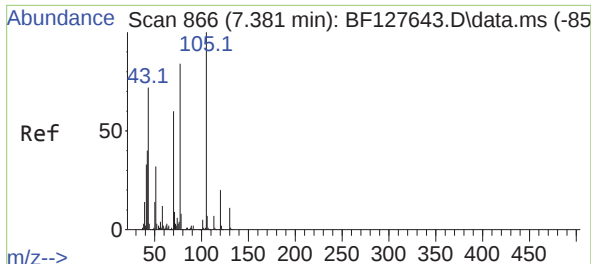


#18
Hexachloroethane
Concen: 40.076 ng
RT: 7.463 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF127824.D
Acq: 18 Apr 2022 14:33



Tgt Ion:117 Resp: 193702
Ion Ratio Lower Upper
117 100
119 96.3 77.6 116.4
201 110.7 88.2 132.2





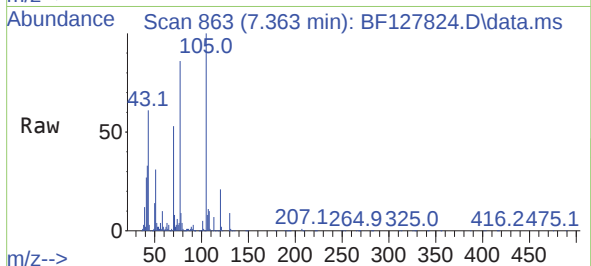
#19
n-Nitroso-di-n-propylamine
Concen: 37.959 ng
RT: 7.363 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF127824.D
Acq: 18 Apr 2022 14:33

Instrument :

BNA_F

ClientSampleId :

PB144168BS

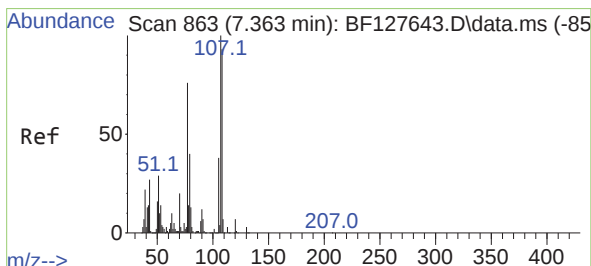
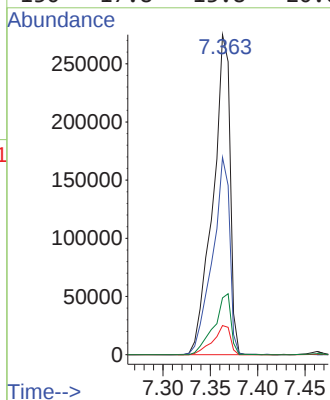
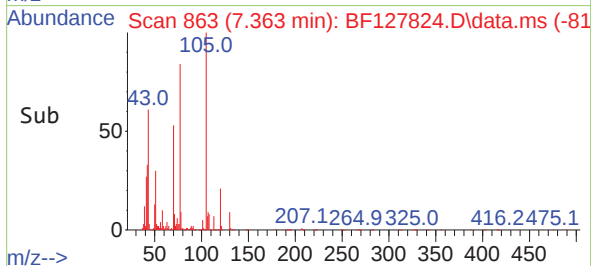


Tgt Ion: 70 Resp: 347214
Ion Ratio Lower Upper
70 100
42 61.7 53.0 79.6
101 9.1 6.8 10.2
130 17.8 13.8 20.6

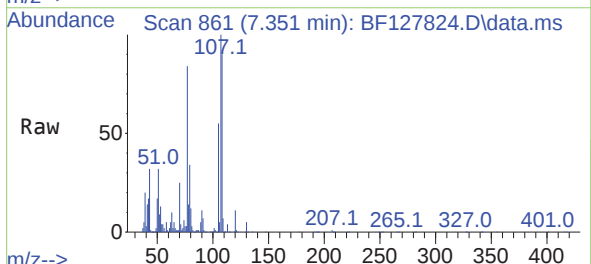
Manual Integrations

APPROVED

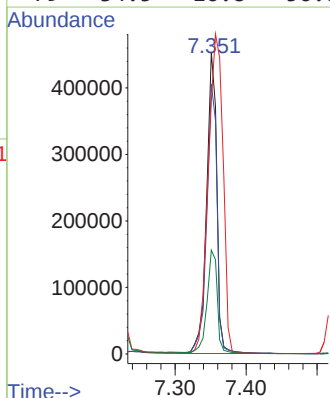
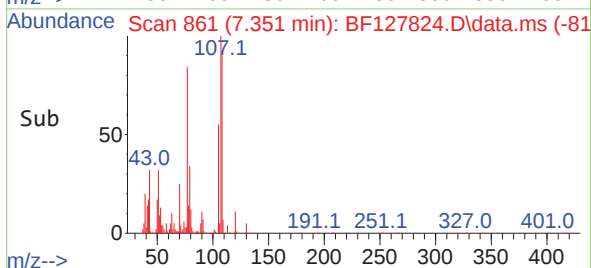
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022

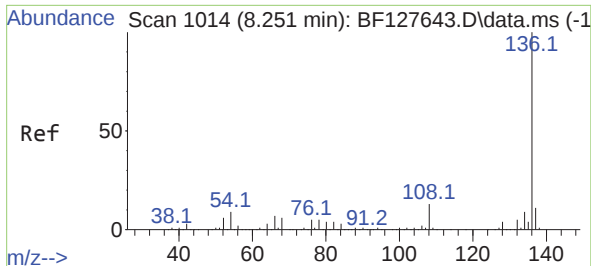


#20
3+4-Methylphenols
Concen: 37.356 ng
RT: 7.351 min Scan# 861
Delta R.T. -0.012 min
Lab File: BF127824.D
Acq: 18 Apr 2022 14:33



Tgt Ion:107 Resp: 454087
Ion Ratio Lower Upper
107 100
108 89.6 70.7 110.7
77 83.9 127.9 167.9#
79 34.5 16.8 56.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.233 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF127824.D
Acq: 18 Apr 2022 14:33

Instrument :

BNA_F

ClientSampleId :

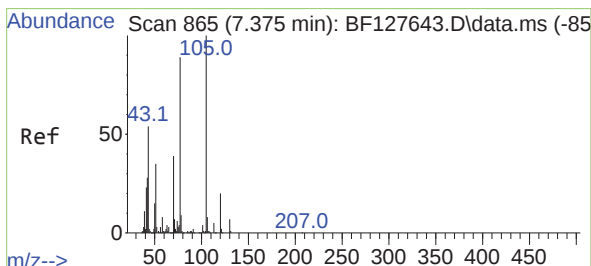
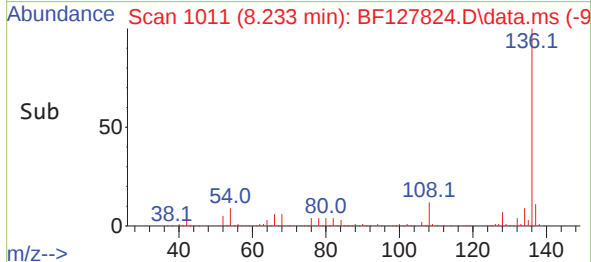
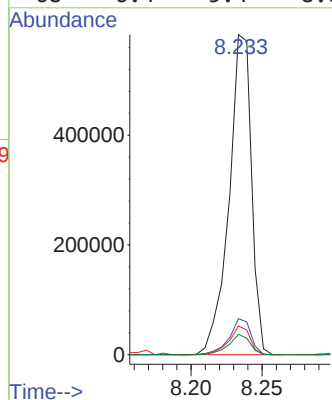
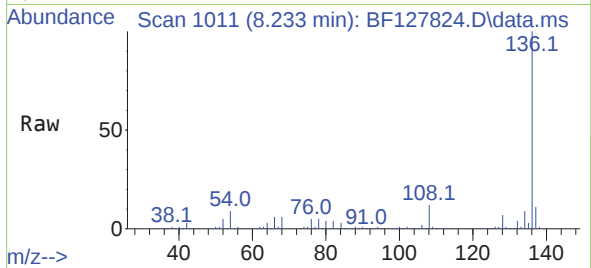
PB144168BS

Tgt Ion:136 Resp: 64197
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 9.0 9.2 13.8
68 6.4 5.4 8.0

Manual Integrations

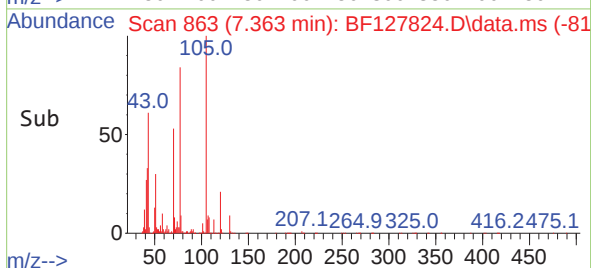
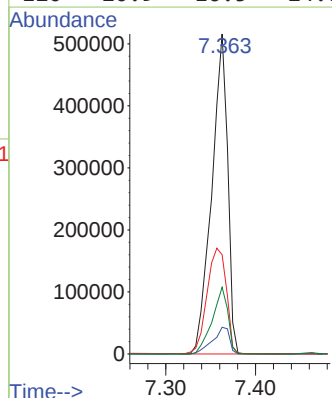
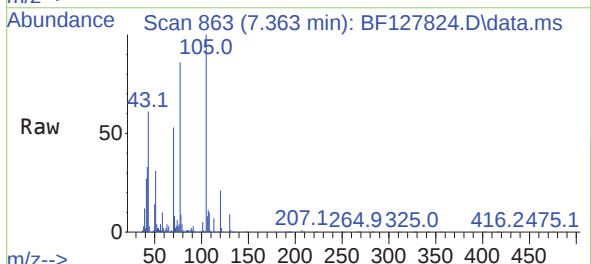
APPROVED

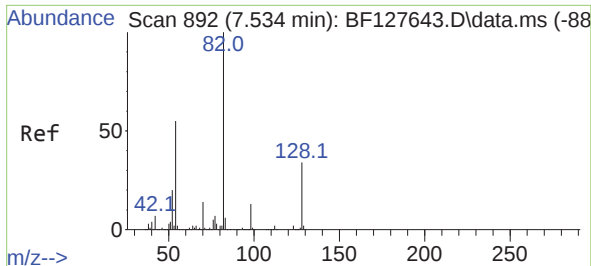
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#22
Acetophenone
Concen: 36.882 ng
RT: 7.363 min Scan# 863
Delta R.T. -0.012 min
Lab File: BF127824.D
Acq: 18 Apr 2022 14:33

Tgt Ion:105 Resp: 636247
Ion Ratio Lower Upper
105 100
71 8.4 7.3 10.9
51 31.0 38.8 58.2
120 20.9 16.5 24.7





#23

Nitrobenzene-d5

Concen: 75.157 ng

RT: 7.522 min Scan# 892

Delta R.T. -0.006 min

Lab File: BF127824.D

Acq: 18 Apr 2022 14:33

Instrument :

BNA_F

ClientSampleId :

PB144168BS

Tgt Ion: 82 Resp: 108225

Ion Ratio Lower Upper

82 100

128 39.5 30.6 45.8

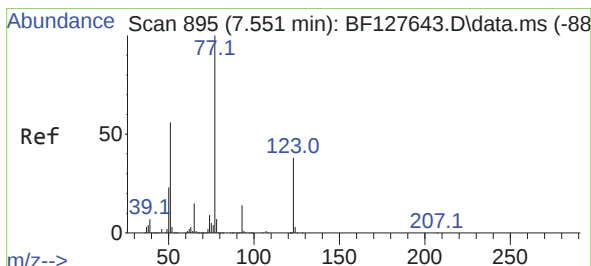
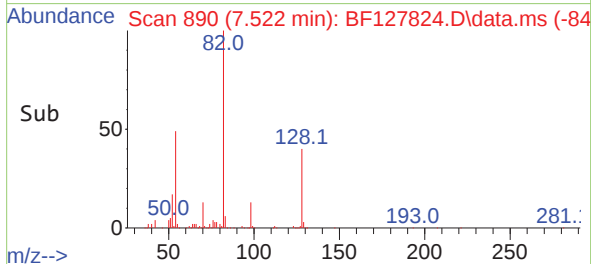
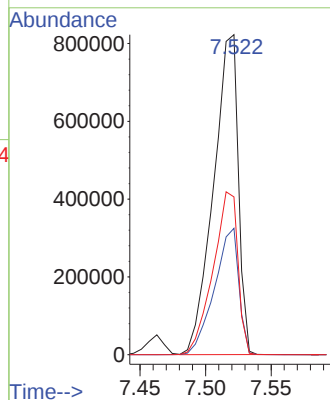
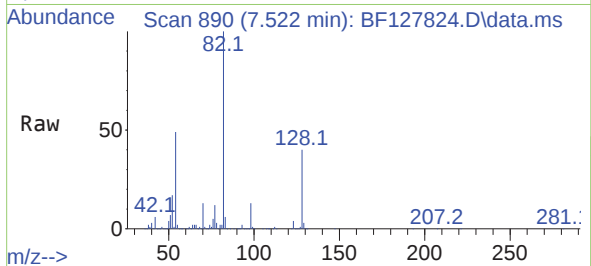
54 49.3 48.2 72.2

Manual Integrations

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Reviewed By :Christian Giraldo 04/19/2022

Supervised By :Jagrut Upadhyay 04/19/2022



#24

Nitrobenzene

Concen: 38.871 ng

RT: 7.539 min Scan# 893

Delta R.T. -0.006 min

Lab File: BF127824.D

Acq: 18 Apr 2022 14:33

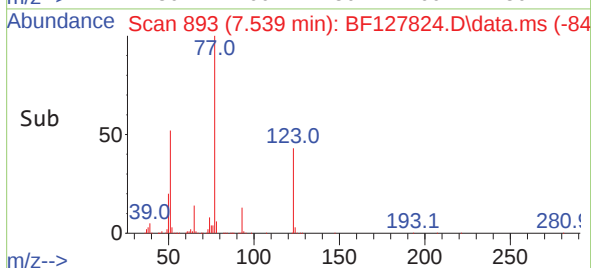
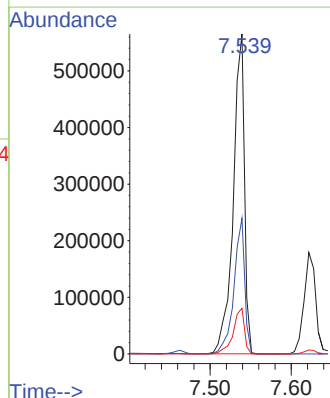
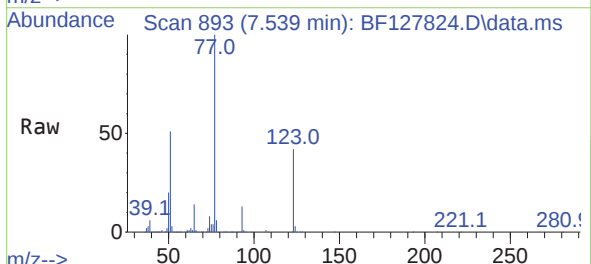
Tgt Ion: 77 Resp: 542601

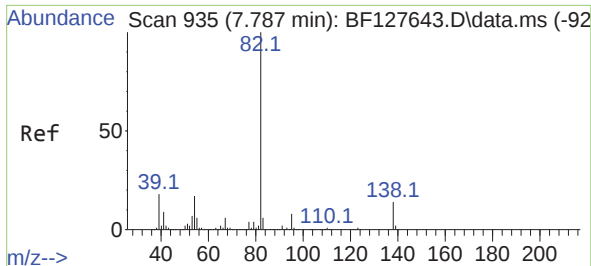
Ion Ratio Lower Upper

77 100

123 42.4 32.0 48.0

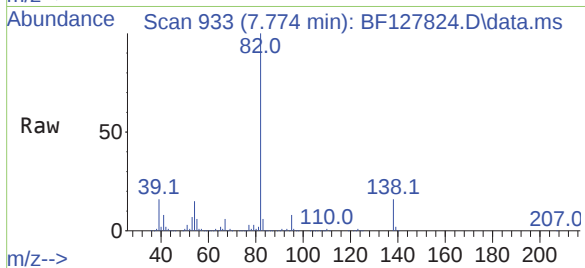
65 14.3 12.2 18.2





#25
Isophorone
Concen: 39.923 ng
RT: 7.774 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF127824.D
Acq: 18 Apr 2022 14:33

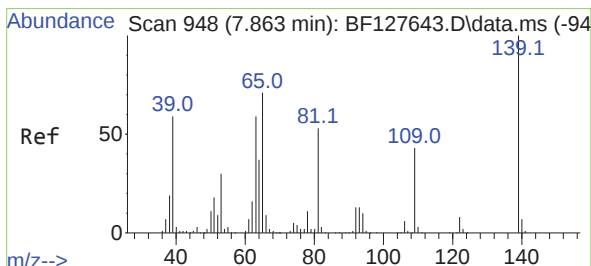
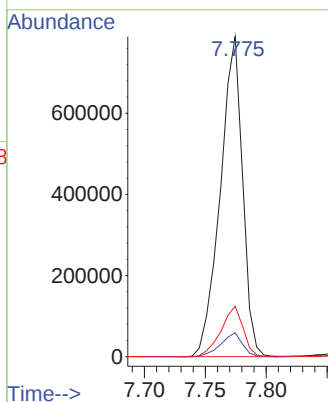
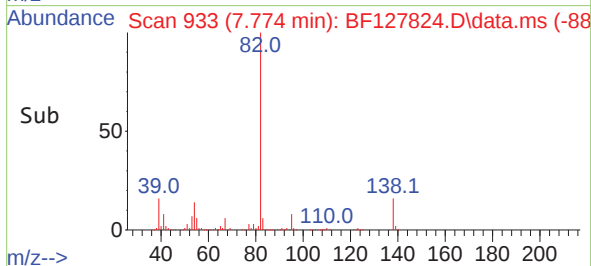
Instrument :
BNA_F
ClientSampleId :
PB144168BS



Tgt Ion: 82 Resp: 1003149
Ion Ratio Lower Upper
82 100
95 7.5 5.8 8.8
138 15.8 11.6 17.4

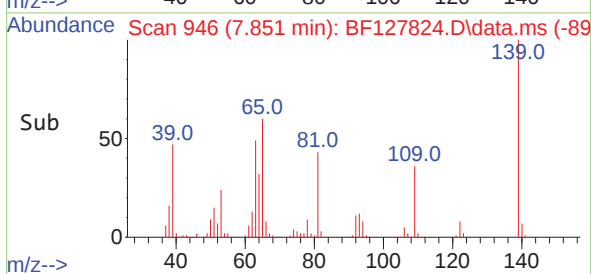
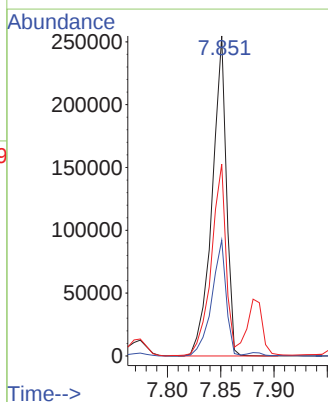
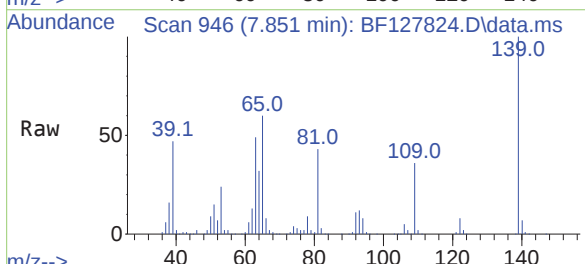
Manual Integrations
APPROVED

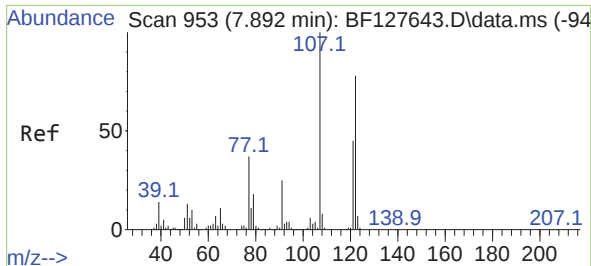
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#26
2-Nitrophenol
Concen: 47.495 ng
RT: 7.851 min Scan# 946
Delta R.T. -0.006 min
Lab File: BF127824.D
Acq: 18 Apr 2022 14:33

Tgt Ion:139 Resp: 238258
Ion Ratio Lower Upper
139 100
109 36.2 28.2 42.2
65 60.0 55.3 82.9





#27

2,4-Dimethylphenol

Concen: 43.274 ng

RT: 7.886 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF127824.D

Acq: 18 Apr 2022 14:33

Instrument :

BNA_F

ClientSampleId :

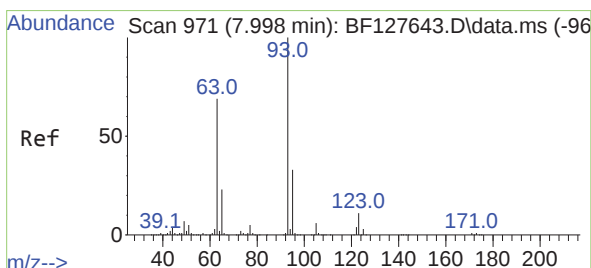
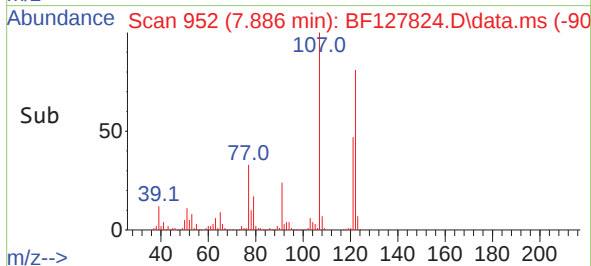
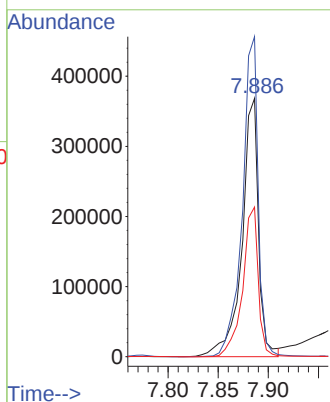
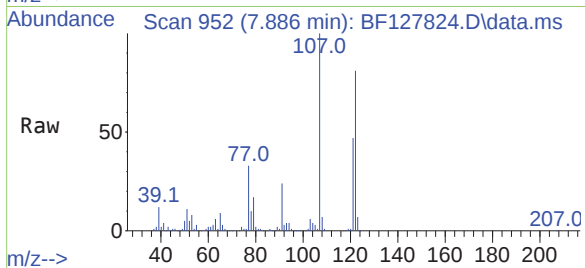
PB144168BS

Tgt Ion:	122	Resp:	42502
Ion	Ratio	Lower	Upper
122	100		
107	123.9	93.0	139.4
121	57.9	44.9	67.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#28

bis(2-Chloroethoxy)methane

Concen: 37.727 ng

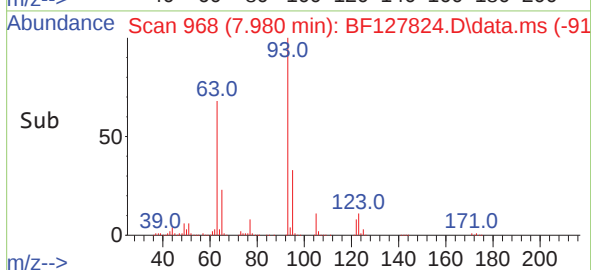
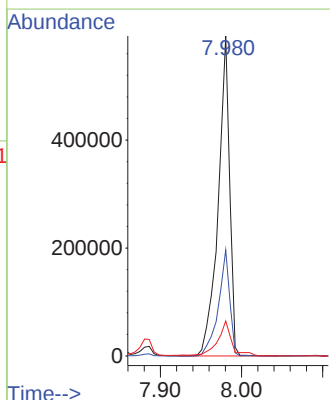
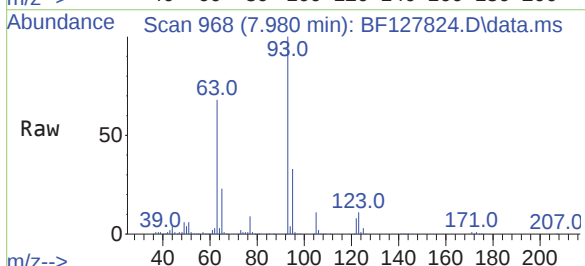
RT: 7.980 min Scan# 968

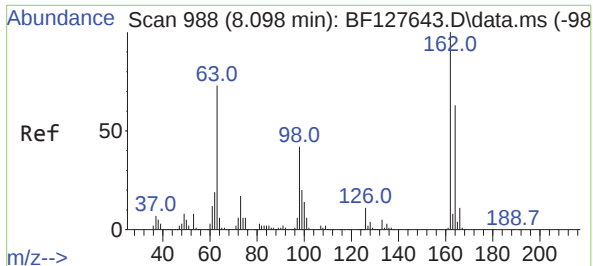
Delta R.T. -0.006 min

Lab File: BF127824.D

Acq: 18 Apr 2022 14:33

Tgt Ion:	93	Resp:	584522
Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.3	39.5
123	10.9	8.0	12.0





#29

2,4-Dichlorophenol

Concen: 38.518 ng

RT: 8.092 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF127824.D

Acq: 18 Apr 2022 14:33

Instrument :

BNA_F

ClientSampleId :

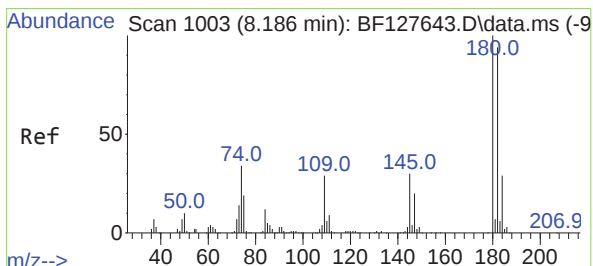
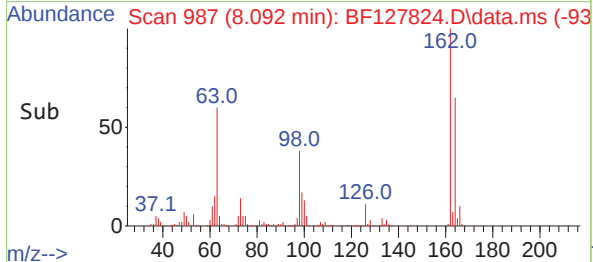
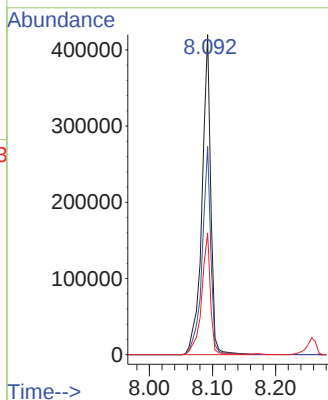
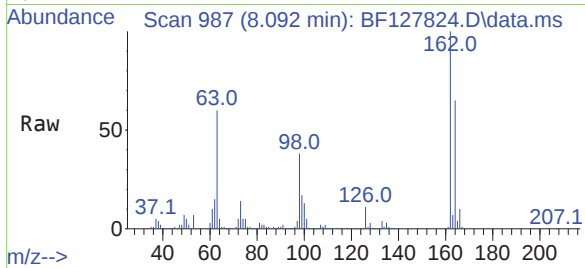
PB144168BS

Tgt Ion:162 Resp: 407534
 Ion Ratio Lower Upper
 162 100
 164 65.1 43.7 83.7
 98 38.1 23.5 63.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/19/2022
 Supervised By :Jagrut Upadhyay 04/19/2022



#30

1,2,4-Trichlorobenzene

Concen: 38.782 ng

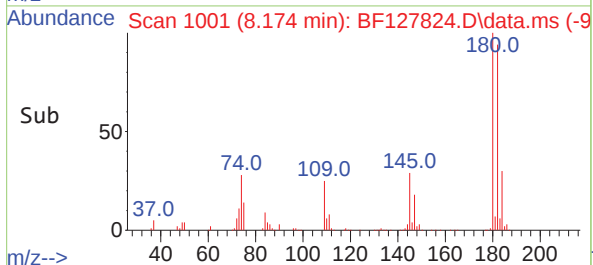
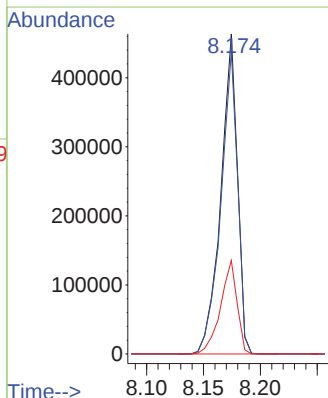
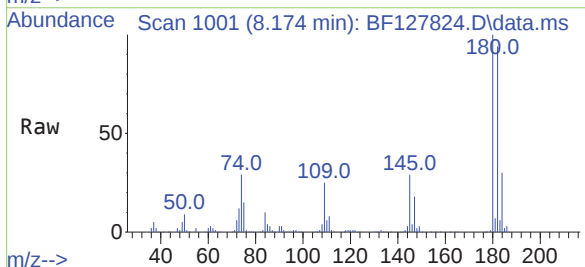
RT: 8.174 min Scan# 1001

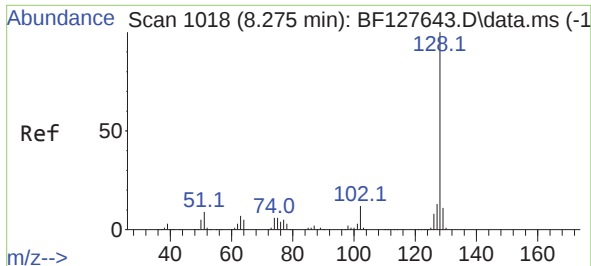
Delta R.T. -0.006 min

Lab File: BF127824.D

Acq: 18 Apr 2022 14:33

Tgt Ion:180 Resp: 472241
 Ion Ratio Lower Upper
 180 100
 182 94.5 73.8 110.6
 145 29.2 23.3 34.9





#31
Naphthalene
Concen: 38.317 ng
RT: 8.257 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF127824.D
Acq: 18 Apr 2022 14:33

Instrument :

BNA_F

ClientSampleId :

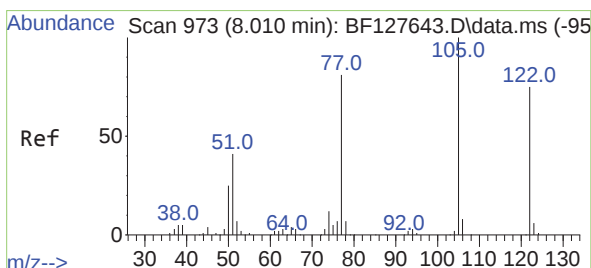
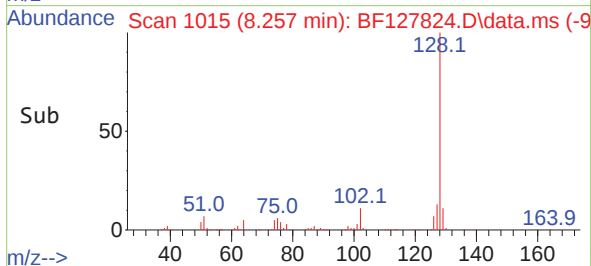
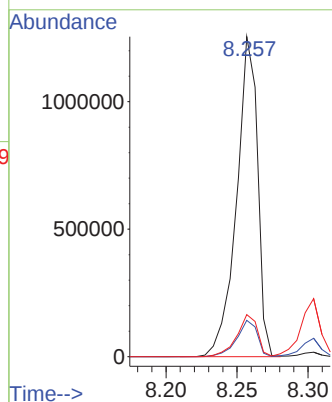
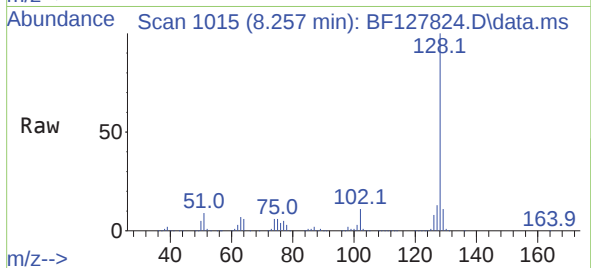
PB144168BS

Tgt Ion:128 Resp: 128896
Ion Ratio Lower Upper
128 100
129 11.4 8.4 12.6
127 13.1 10.2 15.2

Manual Integrations

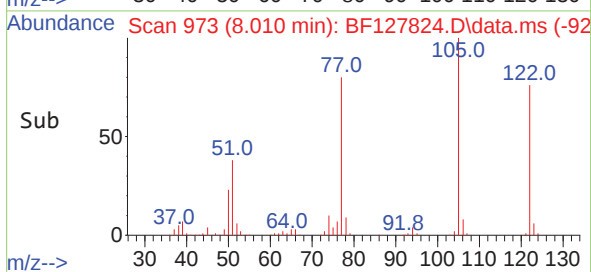
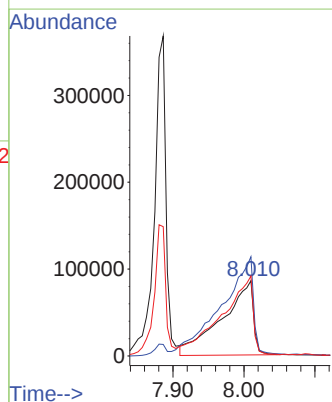
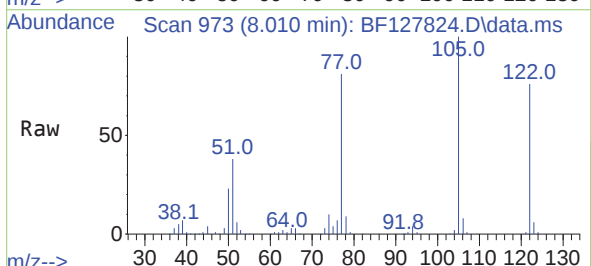
APPROVED

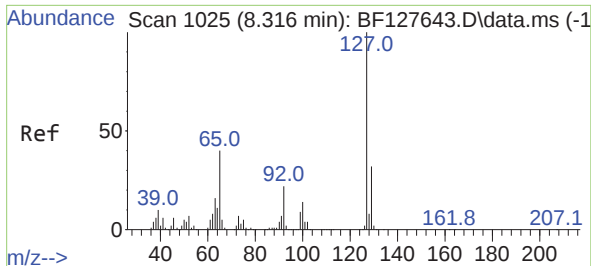
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#32
Benzoic acid
Concen: 36.735 ng
RT: 8.010 min Scan# 973
Delta R.T. -0.006 min
Lab File: BF127824.D
Acq: 18 Apr 2022 14:33

Tgt Ion:122 Resp: 261765
Ion Ratio Lower Upper
122 100
105 131.9 117.1 157.1
77 106.2 93.0 133.0





#33
4-Chloroaniline
Concen: 17.080 ng
RT: 8.304 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF127824.D
Acq: 18 Apr 2022 14:33

Instrument :

BNA_F

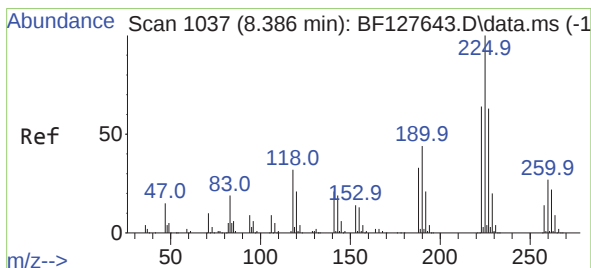
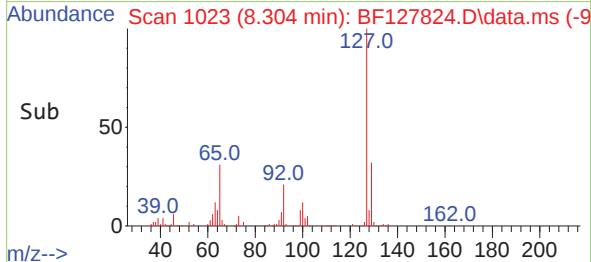
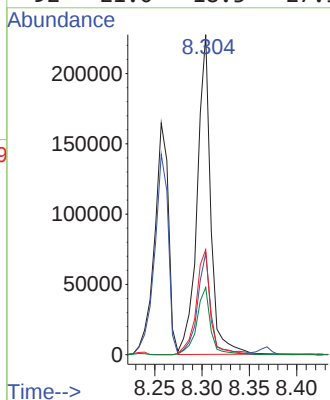
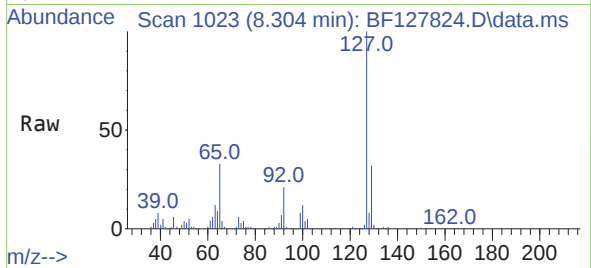
ClientSampleId :

PB144168BS

Tgt Ion:127 Resp: 22627
Ion Ratio Lower Upper
127 100
129 31.7 25.9 38.9
65 32.8 31.4 47.0
92 21.0 18.3 27.5

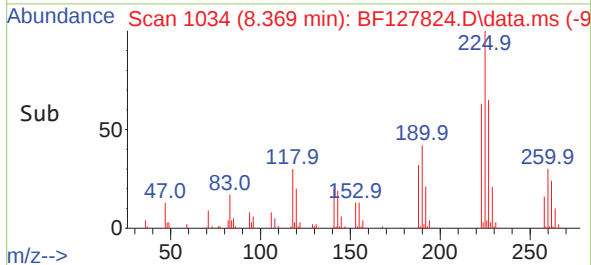
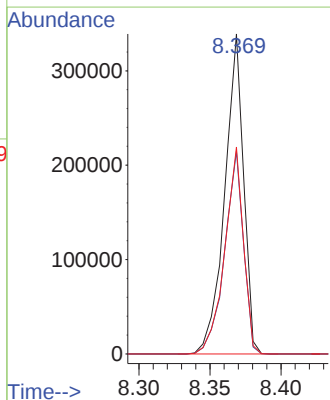
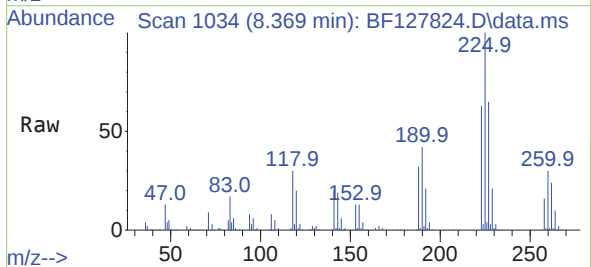
Manual Integrations
APPROVED

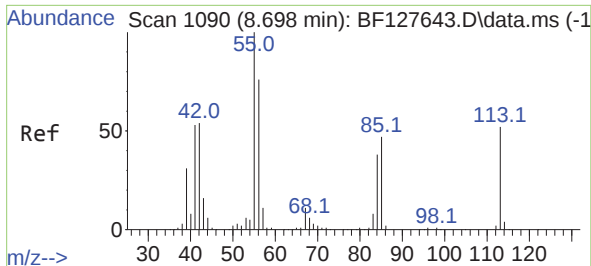
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#34
Hexachlorobutadiene
Concen: 37.281 ng
RT: 8.369 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF127824.D
Acq: 18 Apr 2022 14:33

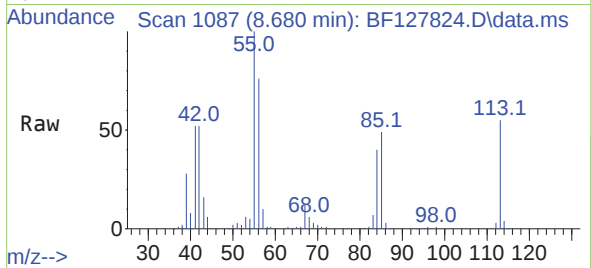
Tgt Ion:225 Resp: 312274
Ion Ratio Lower Upper
225 100
223 63.3 50.6 76.0
227 64.7 49.6 74.4





#35
Caprolactam
Concen: 38.852 ng m
RT: 8.680 min Scan# 1090
Delta R.T. -0.018 min
Lab File: BF127824.D
Acq: 18 Apr 2022 14:33

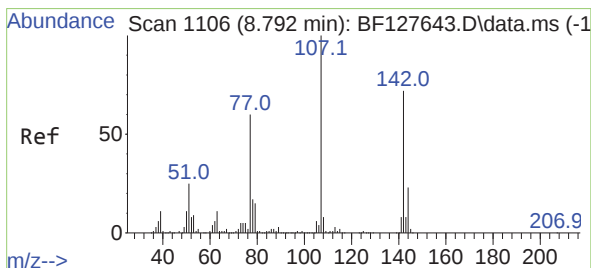
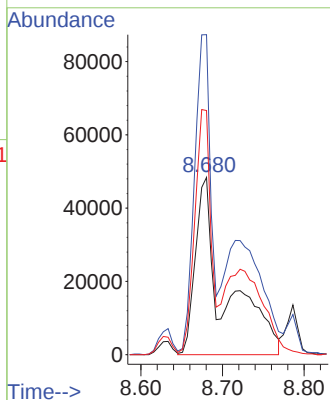
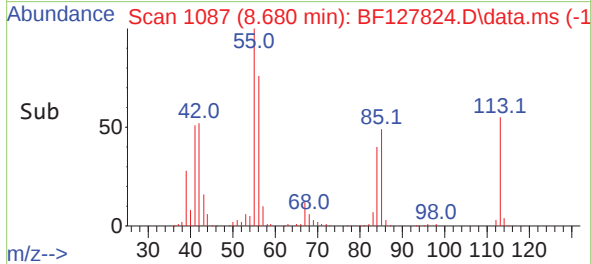
Instrument :
BNA_F
ClientSampleId :
PB144168BS



Tgt Ion:113 Resp: 121492
Ion Ratio Lower Upper
113 100
55 180.4 218.7 258.7
56 137.7 156.2 196.2

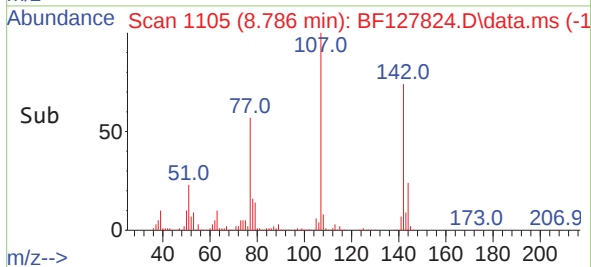
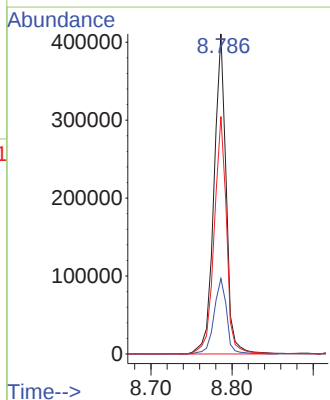
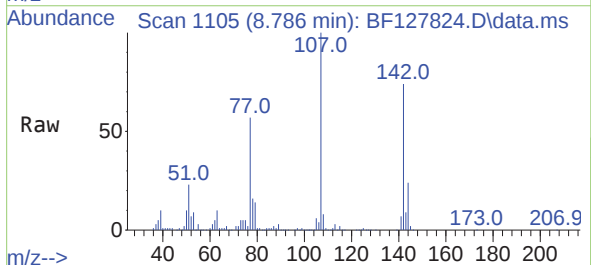
Manual Integrations
APPROVED

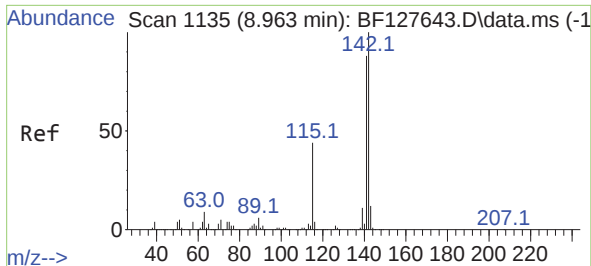
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#36
4-Chloro-3-methylphenol
Concen: 38.577 ng
RT: 8.786 min Scan# 1105
Delta R.T. -0.006 min
Lab File: BF127824.D
Acq: 18 Apr 2022 14:33

Tgt Ion:107 Resp: 427913
Ion Ratio Lower Upper
107 100
144 23.6 19.3 28.9
142 74.2 59.8 89.8





#37
2-Methylnaphthalene
Concen: 38.508 ng
RT: 8.951 min Scan# 1135
Delta R.T. -0.006 min
Lab File: BF127824.D
Acq: 18 Apr 2022 14:33

Instrument :

BNA_F

ClientSampleId :

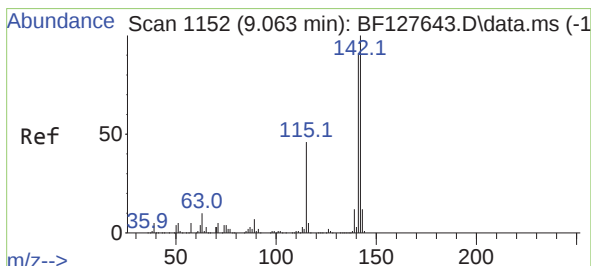
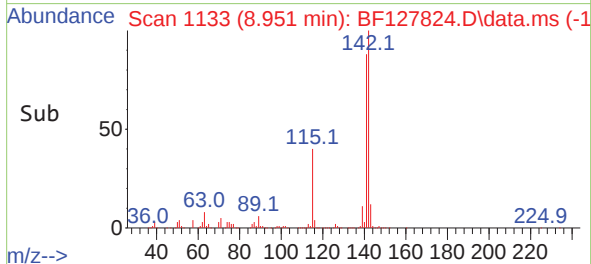
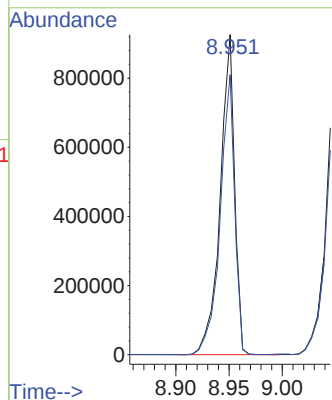
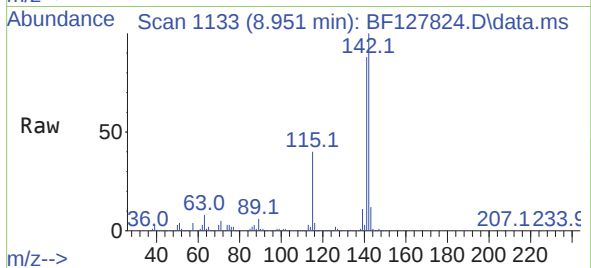
PB144168BS

Tgt Ion:142 Resp: 866390
Ion Ratio Lower Upper
142 100
141 87.5 70.6 106.0

Manual Integrations

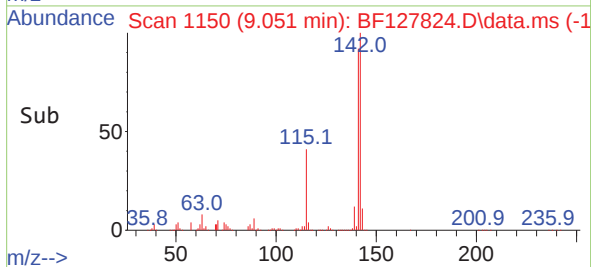
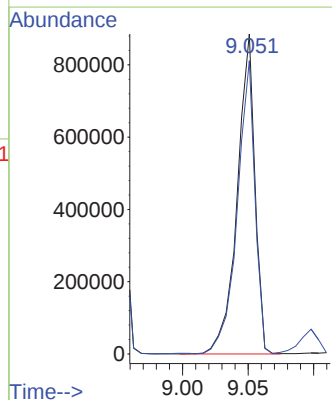
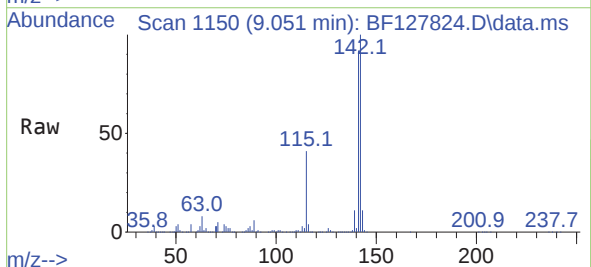
APPROVED

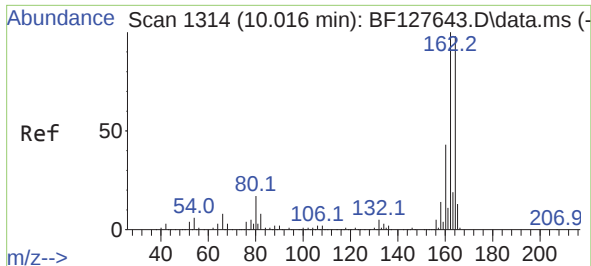
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#38
1-Methylnaphthalene
Concen: 38.355 ng
RT: 9.051 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BF127824.D
Acq: 18 Apr 2022 14:33

Tgt Ion:142 Resp: 832929
Ion Ratio Lower Upper
142 100
141 91.6 74.2 111.2





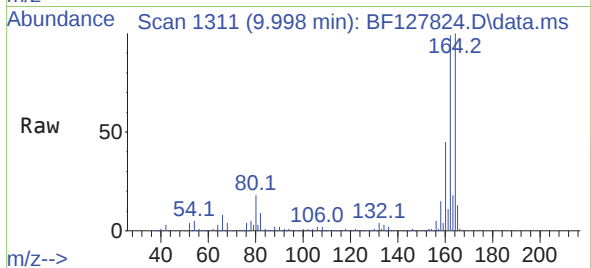
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF127824.D
Acq: 18 Apr 2022 14:33

Instrument :

BNA_F

ClientSampleId :

PB144168BS

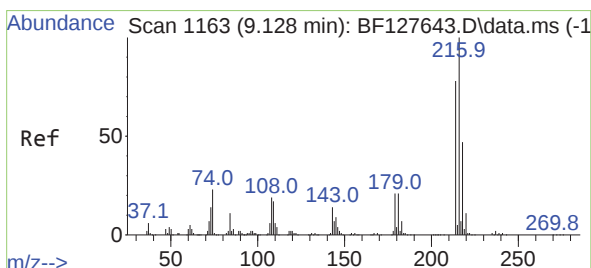
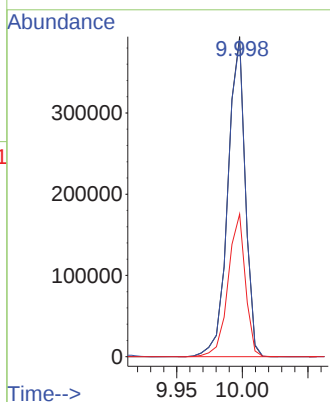
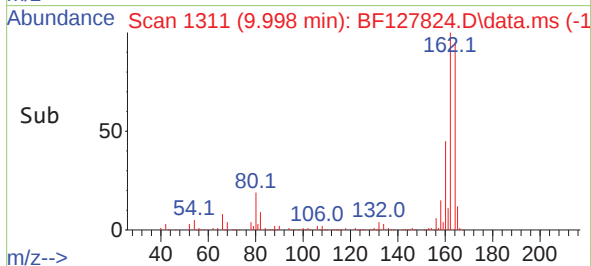


Tgt Ion:164 Resp: 362014
Ion Ratio Lower Upper
164 100
162 99.0 81.2 121.8
160 44.5 34.6 52.0

Manual Integrations

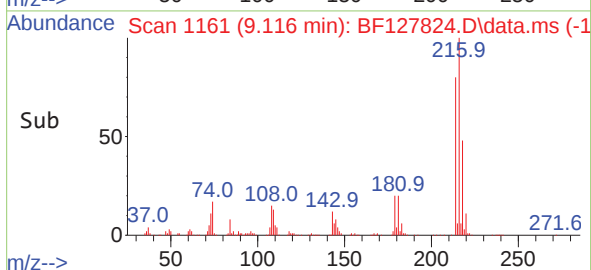
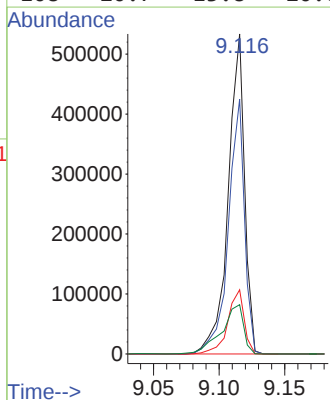
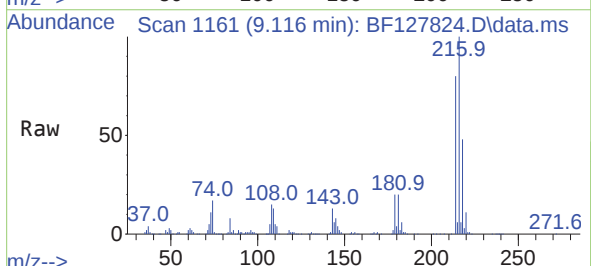
APPROVED

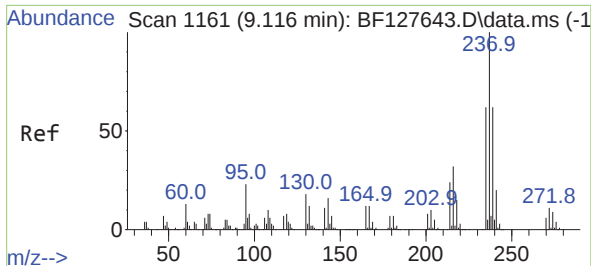
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.074 ng
RT: 9.116 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF127824.D
Acq: 18 Apr 2022 14:33

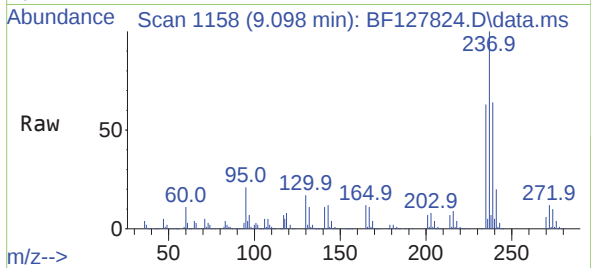
Tgt Ion:216 Resp: 463958
Ion Ratio Lower Upper
216 100
214 78.4 63.0 94.4
179 20.1 15.5 23.3
108 20.7 13.8 20.6





#41
Hexachlorocyclopentadiene
Concen: 84.271 ng
RT: 9.098 min Scan# 1158
Delta R.T. -0.006 min
Lab File: BF127824.D
Acq: 18 Apr 2022 14:33

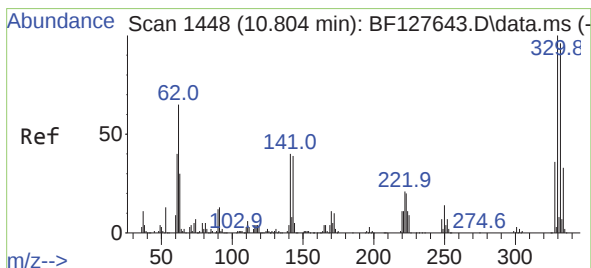
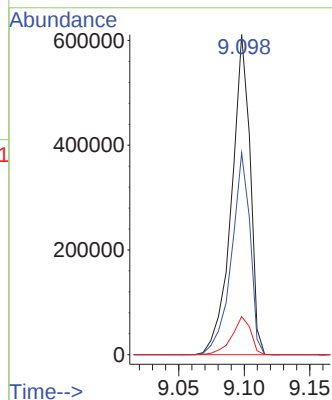
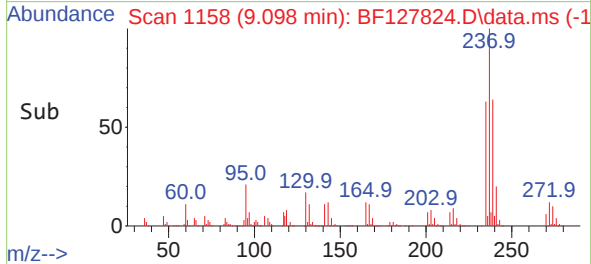
Instrument :
BNA_F
ClientSampleId :
PB144168BS



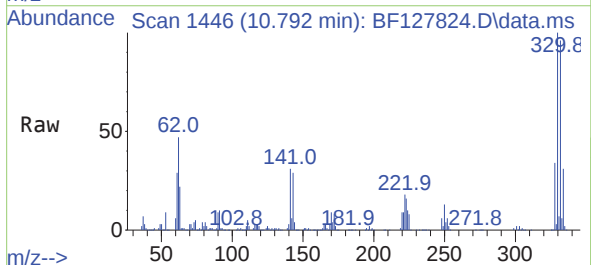
Tgt Ion:237 Resp: 602740
Ion Ratio Lower Upper
237 100
235 63.1 40.4 80.4
272 11.9 0.0 31.8

Manual Integrations
APPROVED

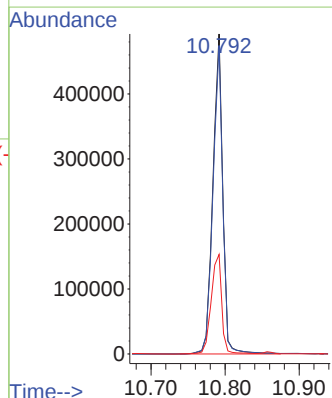
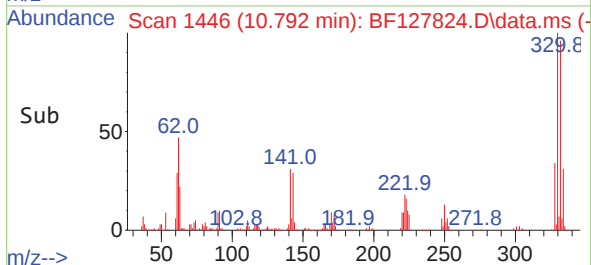
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022

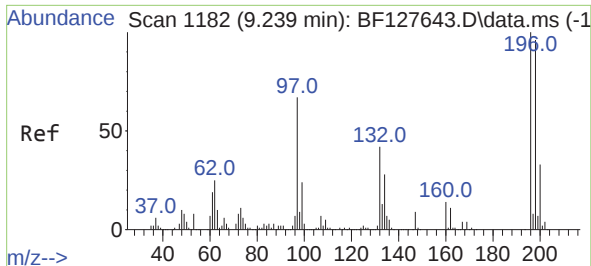


#42
2,4,6-Tribromophenol
Concen: 117.817 ng
RT: 10.792 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF127824.D
Acq: 18 Apr 2022 14:33



Tgt Ion:330 Resp: 453874
Ion Ratio Lower Upper
330 100
332 96.4 79.1 118.7
141 33.4 26.2 39.4





#43
2,4,6-Trichlorophenol
Concen: 38.629 ng
RT: 9.227 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF127824.D
Acq: 18 Apr 2022 14:33

Instrument :

BNA_F

ClientSampleId :

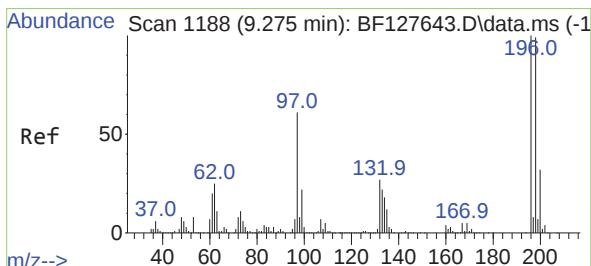
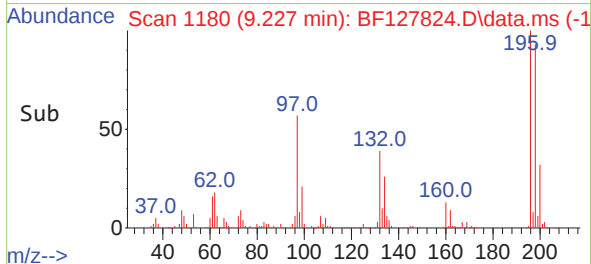
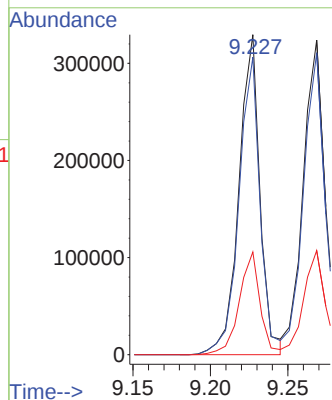
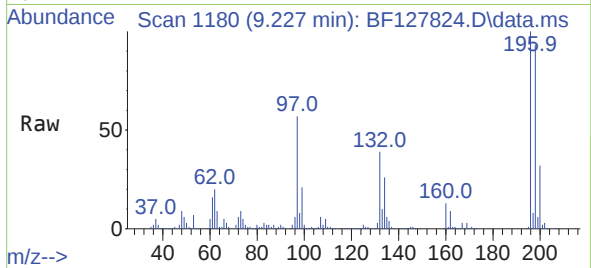
PB144168BS

Tgt Ion:196 Resp: 31140
Ion Ratio Lower Upper
196 100
198 92.9 77.8 116.6
200 32.1 25.9 38.9

Manual Integrations

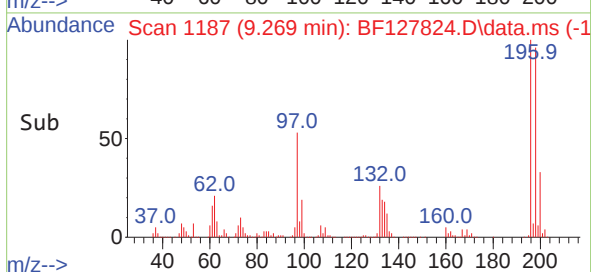
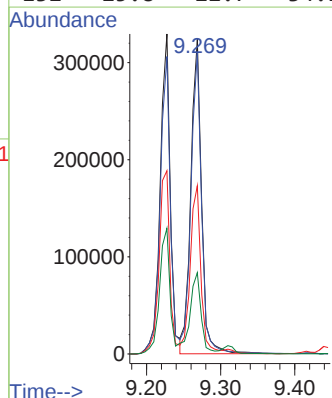
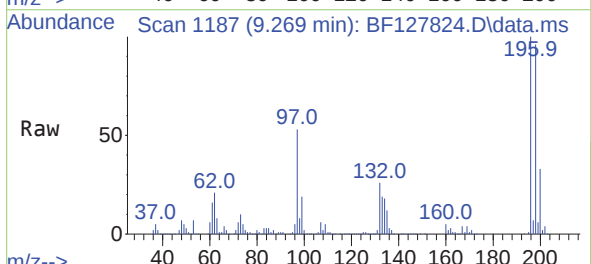
APPROVED

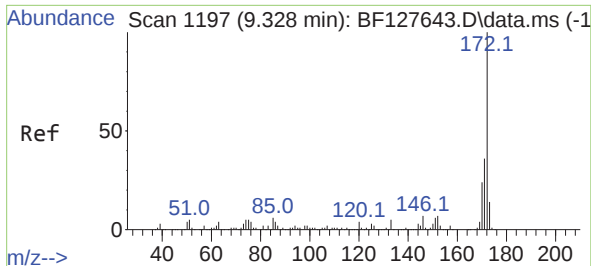
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#44
2,4,5-Trichlorophenol
Concen: 40.174 ng
RT: 9.269 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF127824.D
Acq: 18 Apr 2022 14:33

Tgt Ion:196 Resp: 326786
Ion Ratio Lower Upper
196 100
198 96.0 75.3 112.9
97 53.5 46.8 70.2
132 25.8 22.7 34.1





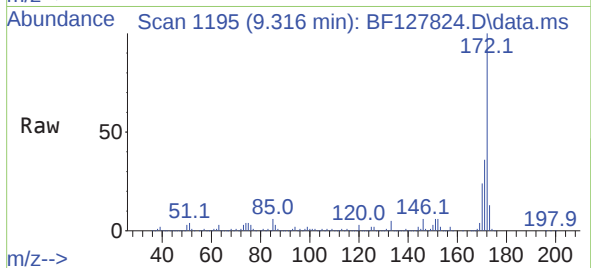
#45
2-Fluorobiphenyl
Concen: 72.264 ng
RT: 9.316 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF127824.D
Acq: 18 Apr 2022 14:33

Instrument :

BNA_F

ClientSampleId :

PB144168BS

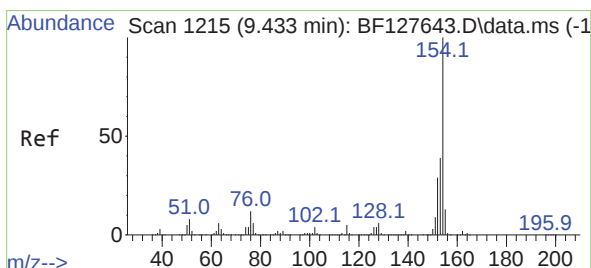
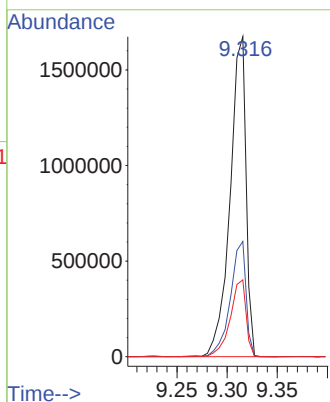
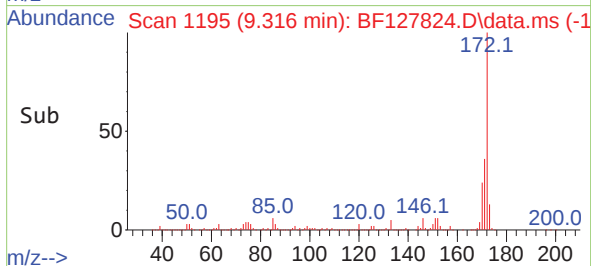


Tgt Ion:172 Resp: 1849249
Ion Ratio Lower Upper
172 100
171 36.0 28.4 42.6
170 24.0 18.6 27.8

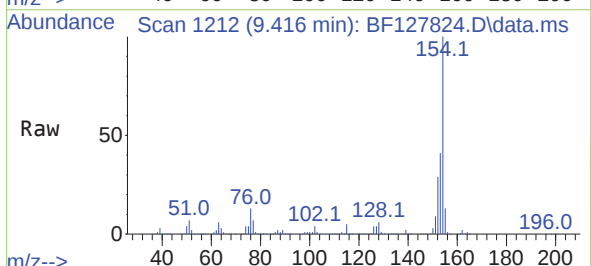
Manual Integrations

APPROVED

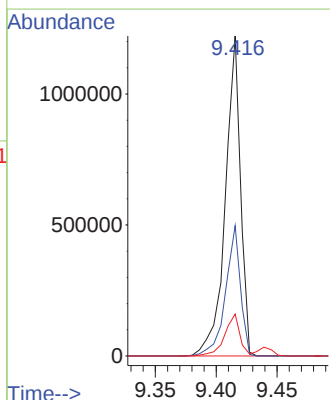
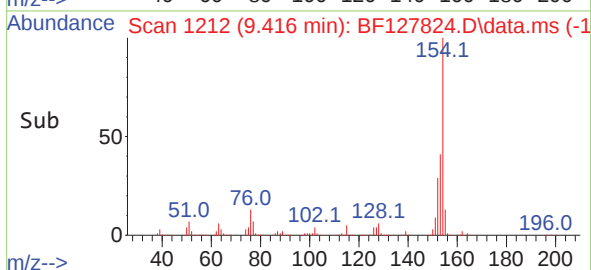
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022

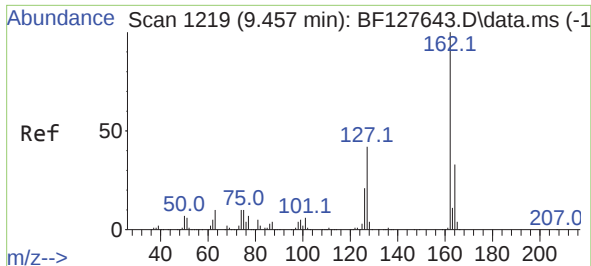


#46
1,1'-Biphenyl
Concen: 38.395 ng
RT: 9.416 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF127824.D
Acq: 18 Apr 2022 14:33



Tgt Ion:154 Resp: 1063014
Ion Ratio Lower Upper
154 100
153 40.7 20.3 60.3
76 13.1 0.0 33.9





#47
2-Chloronaphthalene
Concen: 38.431 ng
RT: 9.439 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127824.D
Acq: 18 Apr 2022 14:33

Instrument :

BNA_F

ClientSampleId :

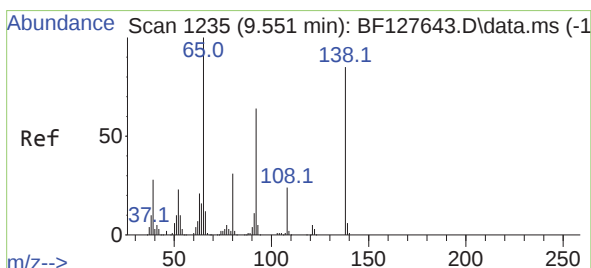
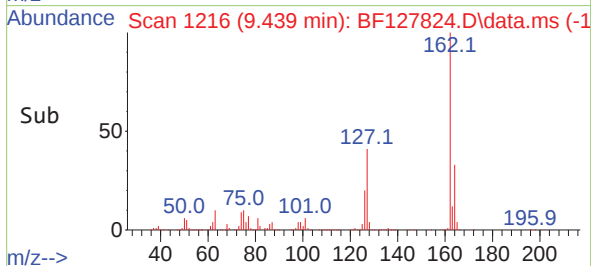
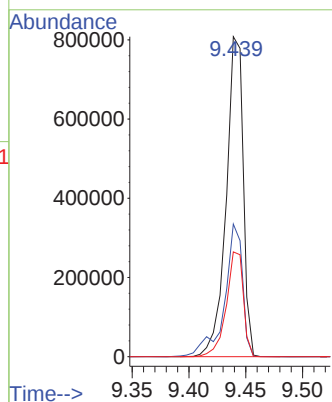
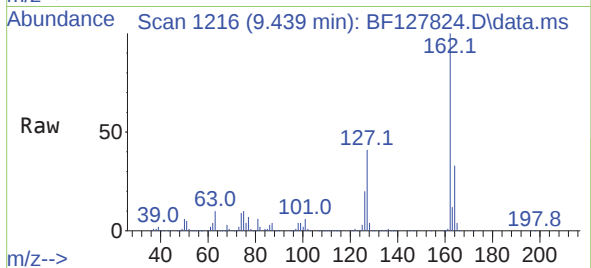
PB144168BS

Tgt Ion:162 Resp: 84555
Ion Ratio Lower Upper
162 100
127 41.5 31.8 47.6
164 32.8 26.4 39.6

Manual Integrations

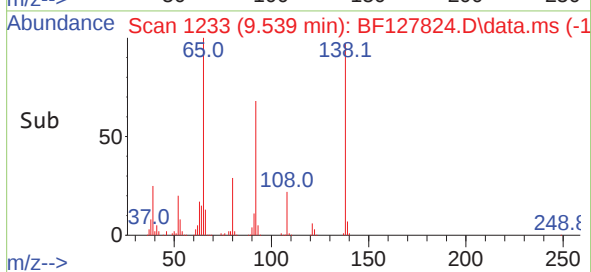
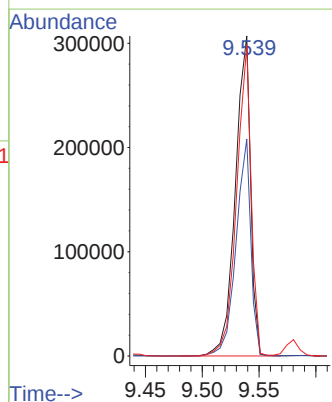
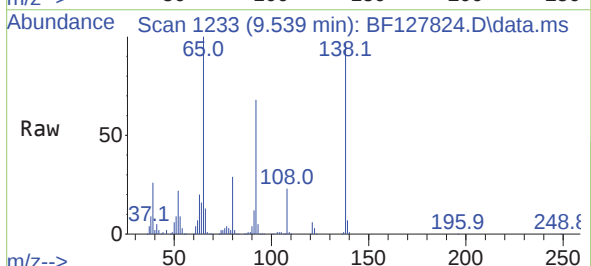
APPROVED

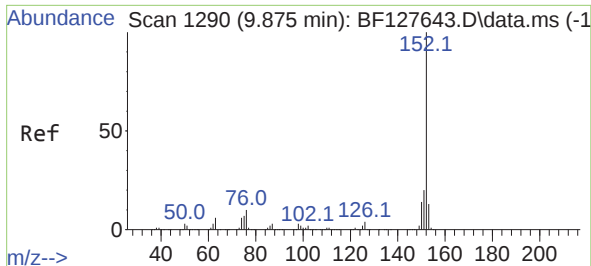
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#48
2-Nitroaniline
Concen: 41.866 ng
RT: 9.539 min Scan# 1233
Delta R.T. -0.006 min
Lab File: BF127824.D
Acq: 18 Apr 2022 14:33

Tgt Ion: 65 Resp: 286081
Ion Ratio Lower Upper
65 100
92 67.8 50.0 75.0
138 97.0 64.1 96.1





#49

Acenaphthylene

Concen: 40.387 ng

RT: 9.863 min Scan# 1288

Delta R.T. -0.006 min

Lab File: BF127824.D

Acq: 18 Apr 2022 14:33

Instrument :

BNA_F

ClientSampleId :

PB144168BS

Tgt Ion:152 Resp: 1351570

Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.8

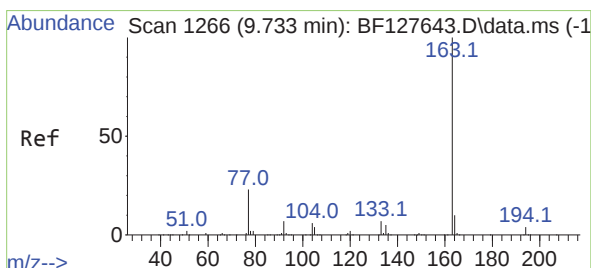
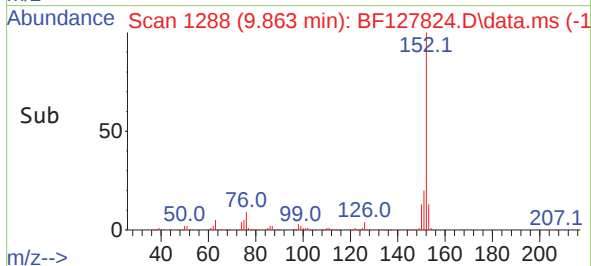
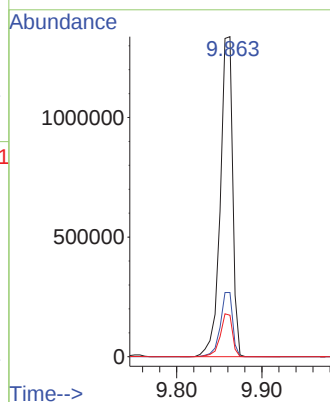
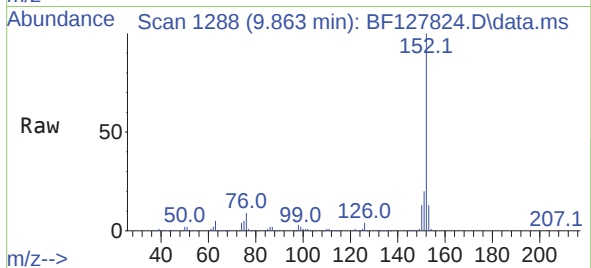
153 12.9 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/19/2022

Supervised By :Jagrut Upadhyay 04/19/2022



#50

Dimethylphthalate

Concen: 38.392 ng

RT: 9.716 min Scan# 1263

Delta R.T. -0.006 min

Lab File: BF127824.D

Acq: 18 Apr 2022 14:33

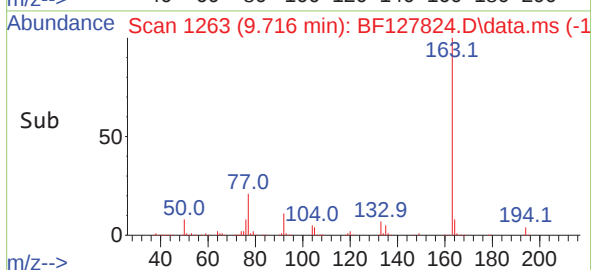
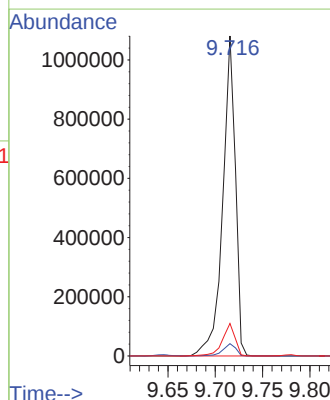
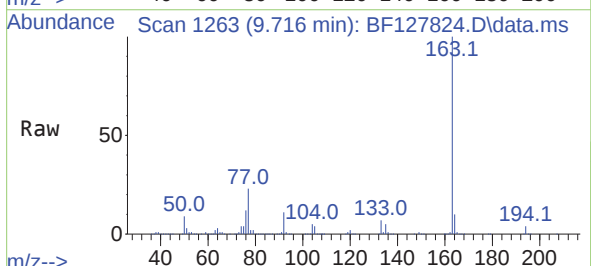
Tgt Ion:163 Resp: 1007431

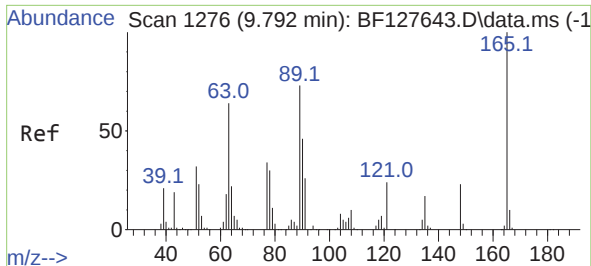
Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

164 10.1 7.8 11.8





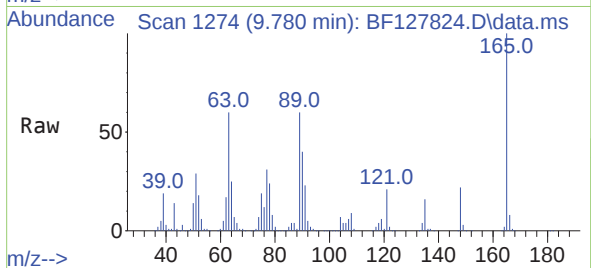
#51
2,6-Dinitrotoluene
Concen: 44.465 ng
RT: 9.780 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127824.D
Acq: 18 Apr 2022 14:33

Instrument :

BNA_F

ClientSampleId :

PB144168BS

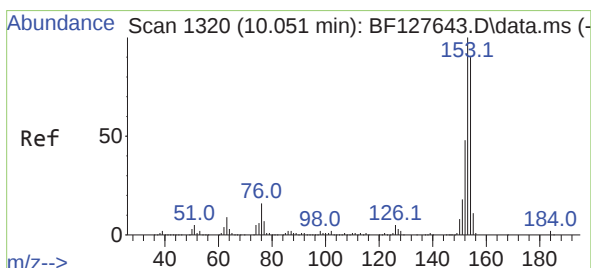
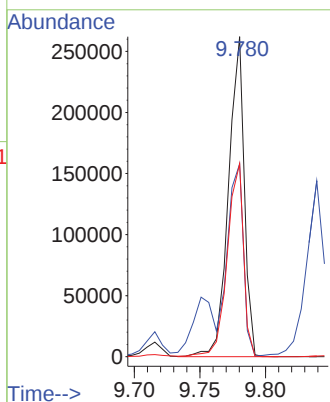
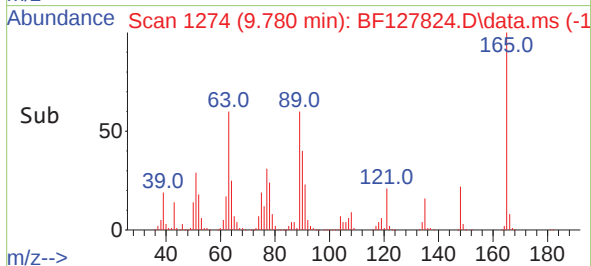


Tgt Ion:165 Resp: 21993
Ion Ratio Lower Upper
165 100
63 60.3 58.3 87.5
89 60.3 51.5 77.3

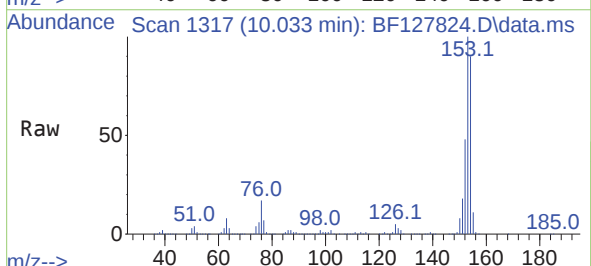
Manual Integrations

APPROVED

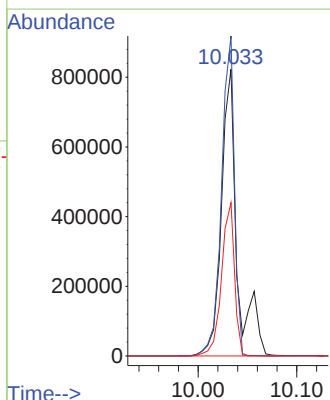
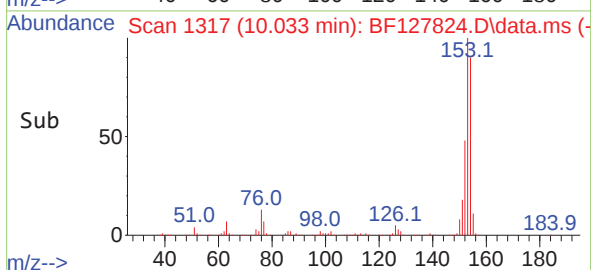
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022

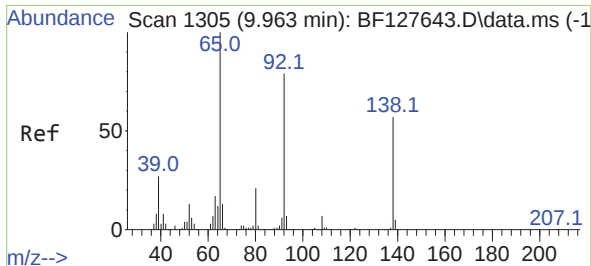


#52
Acenaphthene
Concen: 43.173 ng m
RT: 10.033 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF127824.D
Acq: 18 Apr 2022 14:33



Tgt Ion:154 Resp: 910268
Ion Ratio Lower Upper
154 100
153 111.6 87.6 131.4
152 53.4 42.9 64.3





#53
3-Nitroaniline
Concen: 28.017 ng
RT: 9.951 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127824.D
Acq: 18 Apr 2022 14:33

Instrument :

BNA_F

ClientSampleId :

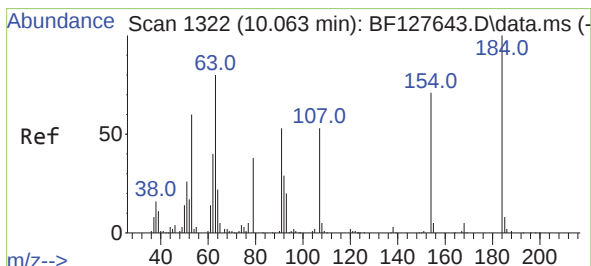
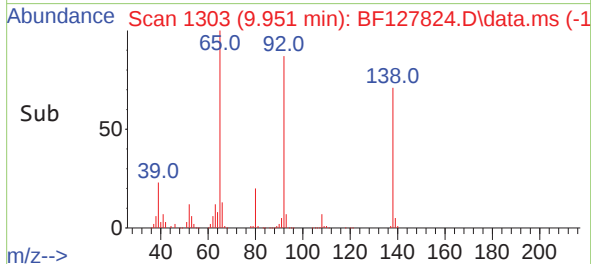
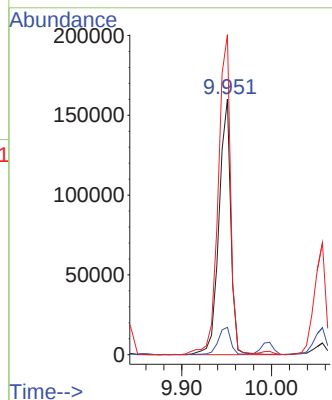
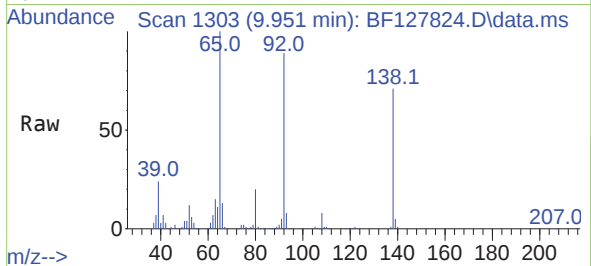
PB144168BS

Tgt Ion:138 Resp: 146399
Ion Ratio Lower Upper
138 100
108 10.7 9.4 14.0
92 125.2 106.1 159.1

Manual Integrations

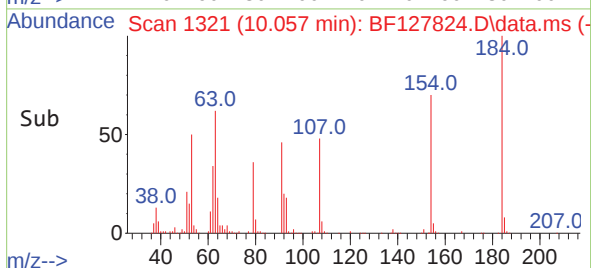
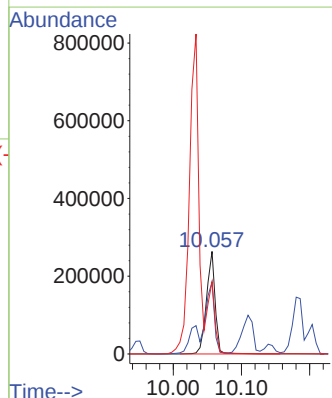
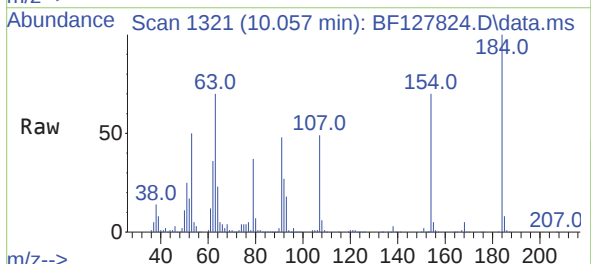
APPROVED

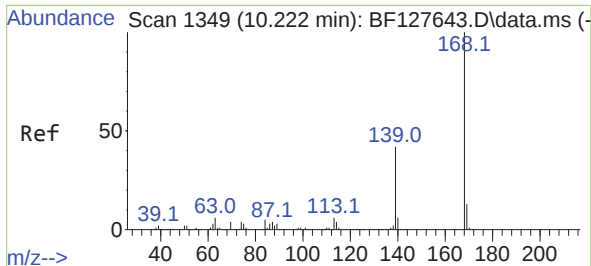
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#54
2,4-Dinitrophenol
Concen: 94.676 ng
RT: 10.057 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF127824.D
Acq: 18 Apr 2022 14:33

Tgt Ion:184 Resp: 234658
Ion Ratio Lower Upper
184 100
63 70.2 58.1 87.1
154 70.4 53.2 79.8





#55

Dibenzenofuran

Concen: 37.303 ng

RT: 10.204 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF127824.D

Acq: 18 Apr 2022 14:33

Instrument :

BNA_F

ClientSampleId :

PB144168BS

Tgt Ion:168 Resp: 1147719

Ion Ratio Lower Upper

168 100

139 39.9 30.3 45.5

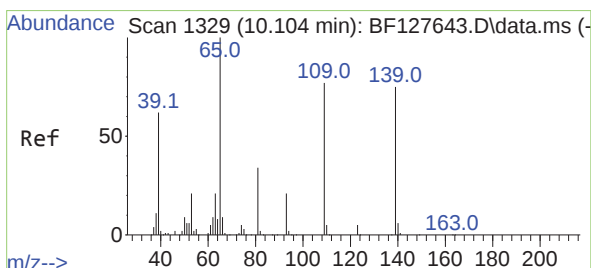
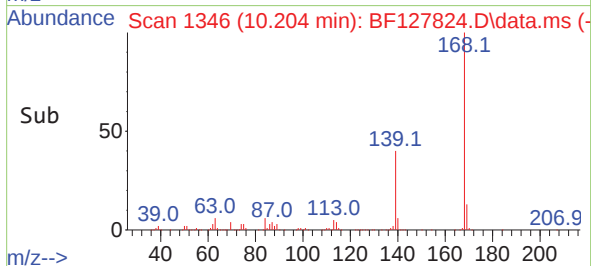
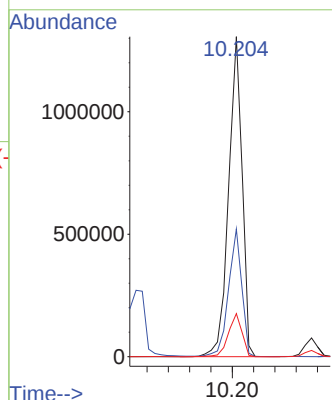
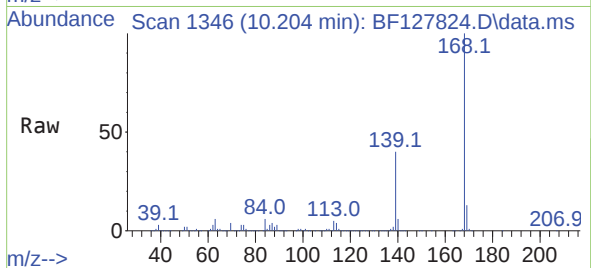
169 13.5 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/19/2022

Supervised By :Jagrut Upadhyay 04/19/2022



#56

4-Nitrophenol

Concen: 82.513 ng

RT: 10.110 min Scan# 1330

Delta R.T. -0.000 min

Lab File: BF127824.D

Acq: 18 Apr 2022 14:33

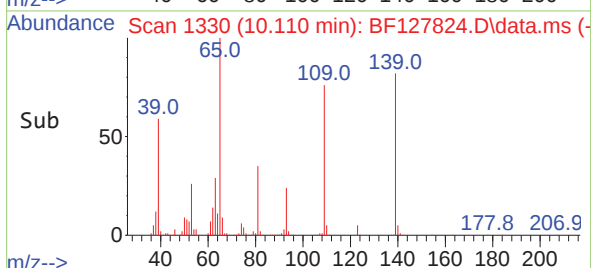
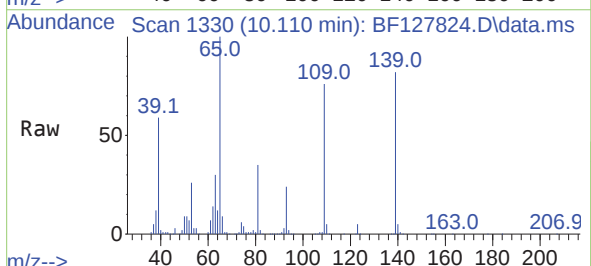
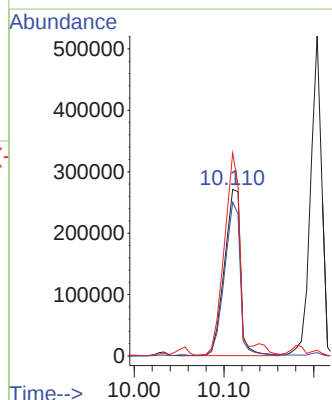
Tgt Ion:139 Resp: 338660

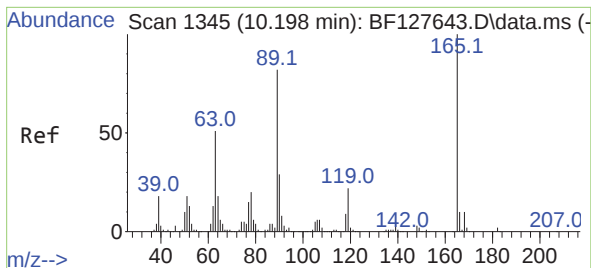
Ion Ratio Lower Upper

139 100

109 92.3 64.3 104.3

65 121.9 117.5 157.5





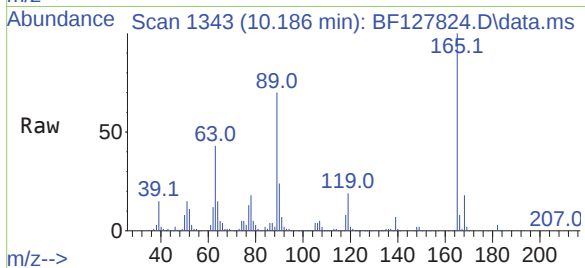
#57
2,4-Dinitrotoluene
Concen: 48.610 ng
RT: 10.186 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127824.D
Acq: 18 Apr 2022 14:33

Instrument :

BNA_F

ClientSampleId :

PB144168BS

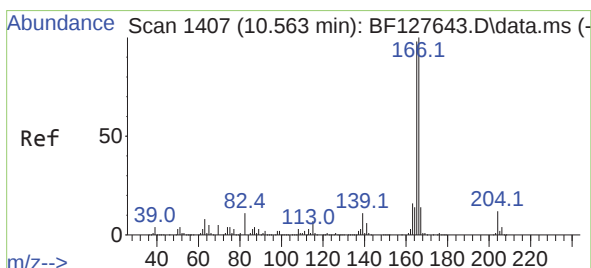
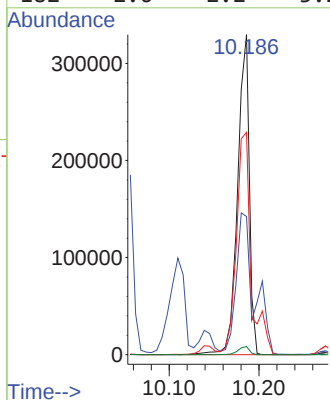
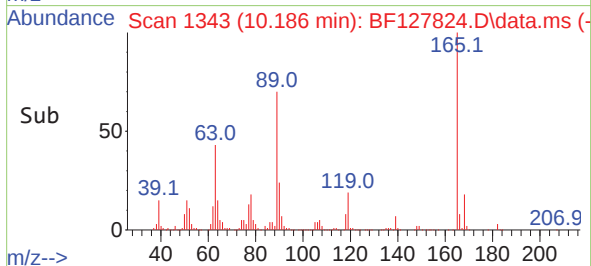


Tgt Ion:165 Resp: 29809
Ion Ratio Lower Upper
165 100
63 43.2 53.1 79.7
89 69.5 69.2 103.8
182 2.6 2.2 3.2

Manual Integrations

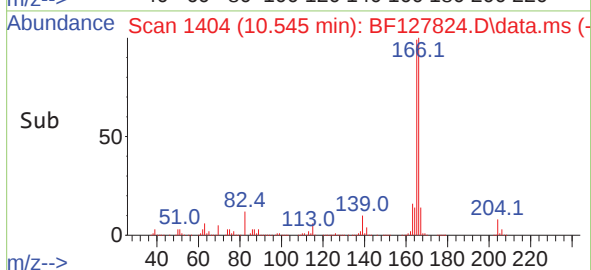
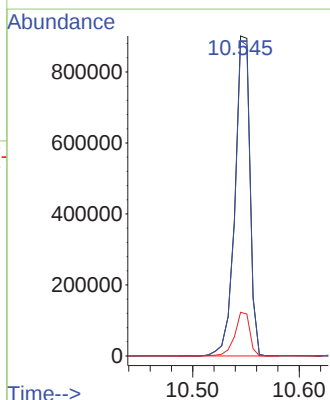
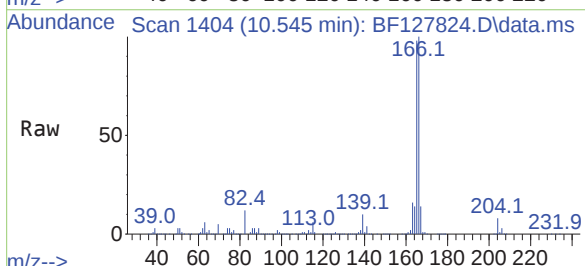
APPROVED

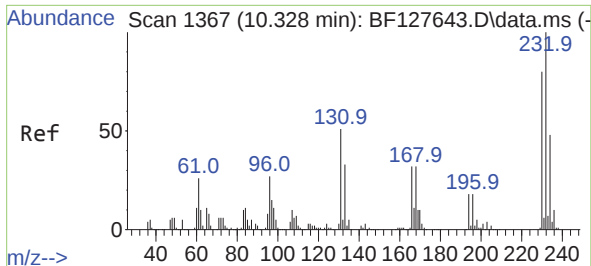
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#58
Fluorene
Concen: 38.925 ng
RT: 10.545 min Scan# 1404
Delta R.T. -0.012 min
Lab File: BF127824.D
Acq: 18 Apr 2022 14:33

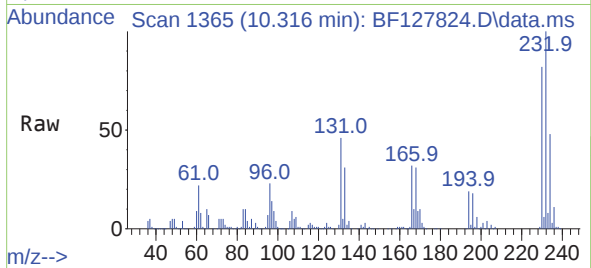
Tgt Ion:166 Resp: 884873
Ion Ratio Lower Upper
166 100
165 98.5 78.1 117.1
167 13.7 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 38.907 ng
RT: 10.316 min Scan# 1365
Delta R.T. -0.006 min
Lab File: BF127824.D
Acq: 18 Apr 2022 14:33

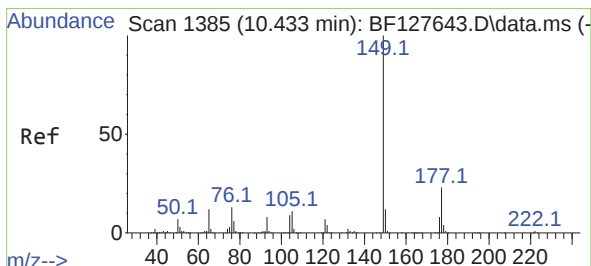
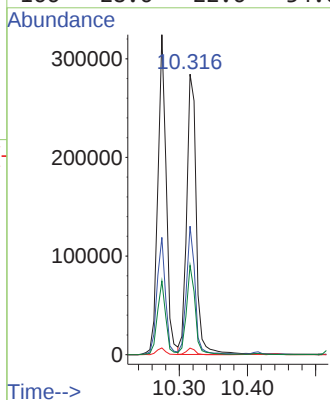
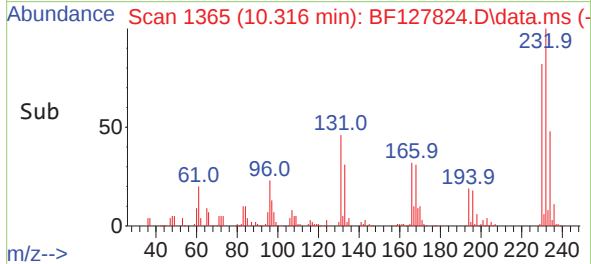
Instrument :
BNA_F
ClientSampleId :
PB144168BS



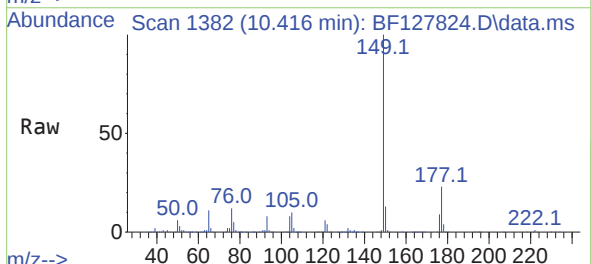
Tgt Ion:232 Resp: 27577
Ion Ratio Lower Upper
232 100
131 41.3 33.4 50.0
130 2.1 1.8 2.6
166 28.6 22.6 34.0

Manual Integrations
APPROVED

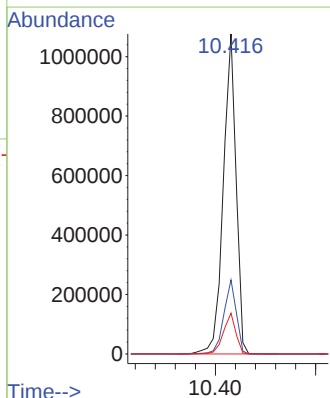
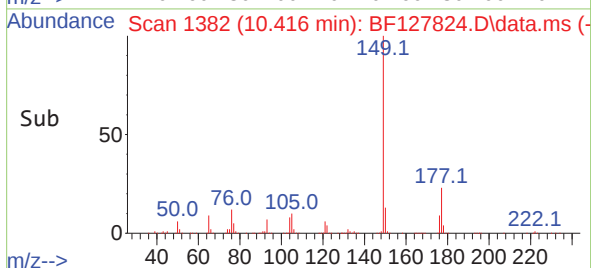
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022

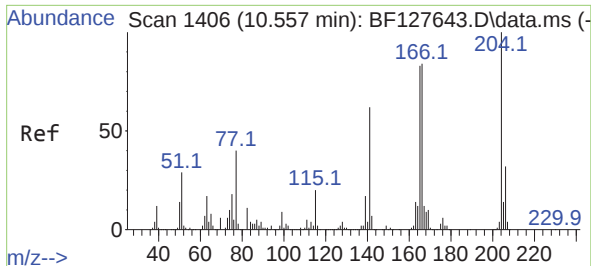


#60
Diethylphthalate
Concen: 37.709 ng
RT: 10.416 min Scan# 1382
Delta R.T. -0.006 min
Lab File: BF127824.D
Acq: 18 Apr 2022 14:33



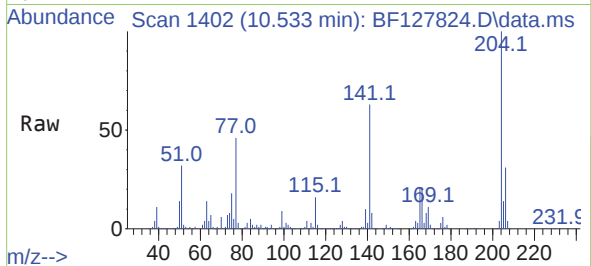
Tgt Ion:149 Resp: 946896
Ion Ratio Lower Upper
149 100
177 23.1 18.9 28.3
150 12.7 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 38.062 ng
RT: 10.533 min Scan# 1402
Delta R.T. -0.012 min
Lab File: BF127824.D
Acq: 18 Apr 2022 14:33

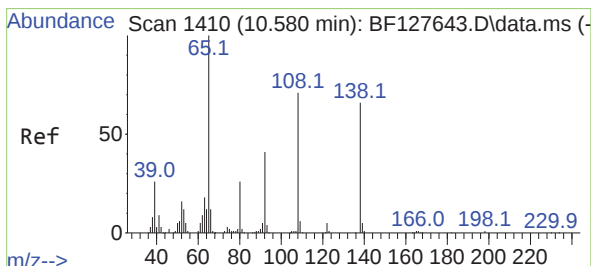
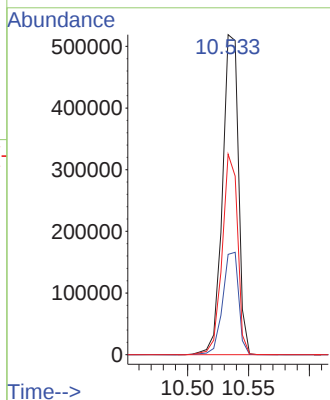
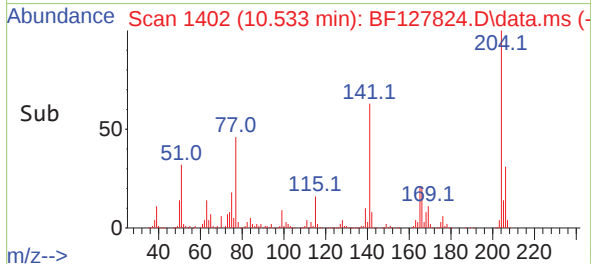
Instrument :
BNA_F
ClientSampleId :
PB144168BS



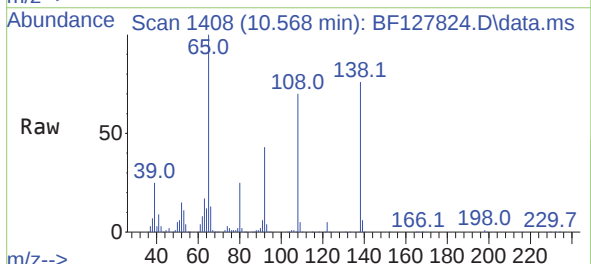
Tgt Ion:204 Resp: 475420
Ion Ratio Lower Upper
204 100
206 31.4 25.9 38.9
141 62.7 47.8 71.8

Manual Integrations
APPROVED

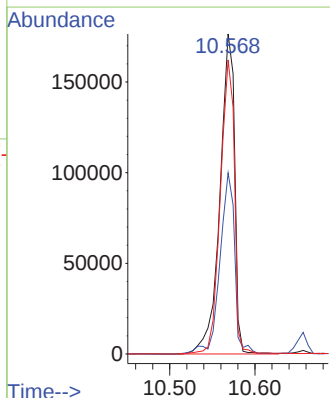
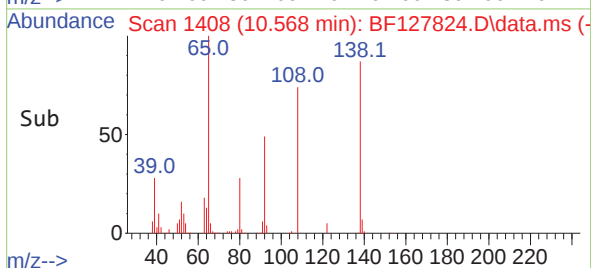
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022

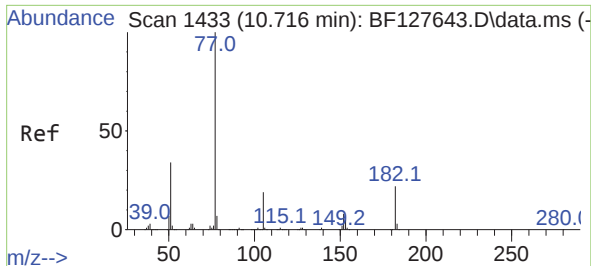


#62
4-Nitroaniline
Concen: 43.123 ng
RT: 10.568 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF127824.D
Acq: 18 Apr 2022 14:33



Tgt Ion:138 Resp: 212221
Ion Ratio Lower Upper
138 100
92 56.6 40.5 80.5
108 91.9 69.2 109.2





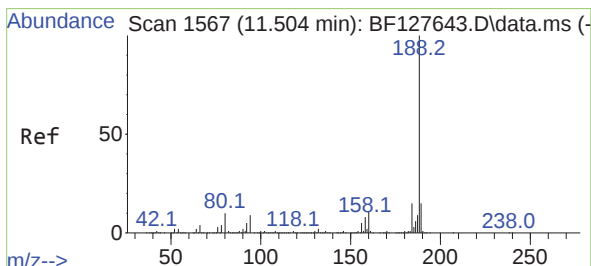
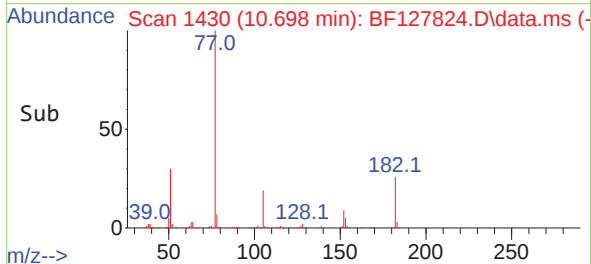
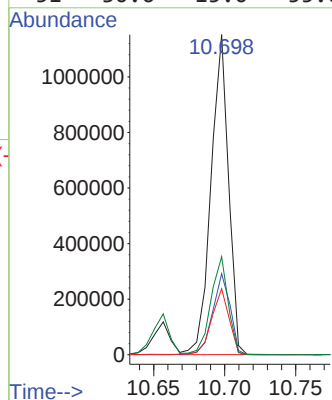
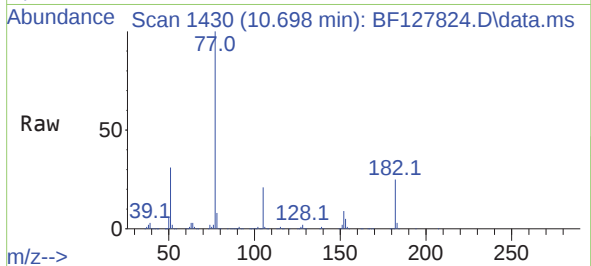
#63
Azobenzene
Concen: 35.057 ng
RT: 10.698 min Scan# 1433
Delta R.T. -0.006 min
Lab File: BF127824.D
Acq: 18 Apr 2022 14:33

Instrument :
BNA_F
ClientSampleId :
PB144168BS

Tgt Ion: 77 Resp: 983658
Ion Ratio Lower Upper
77 100
182 25.3 4.5 44.5
105 20.6 0.3 40.3
51 30.6 15.0 55.0

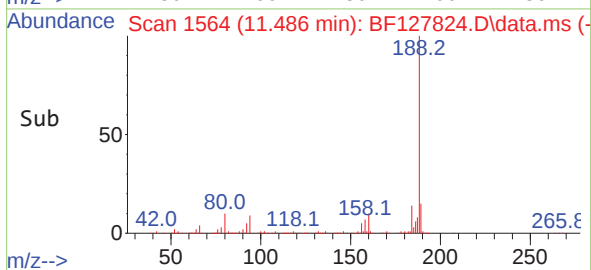
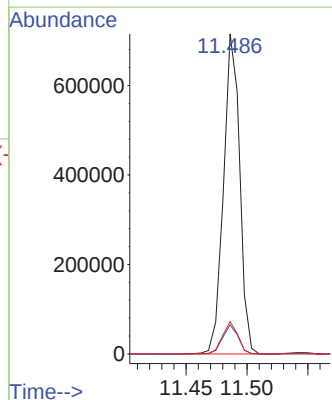
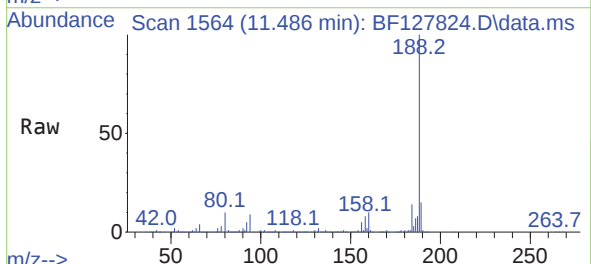
Manual Integrations
APPROVED

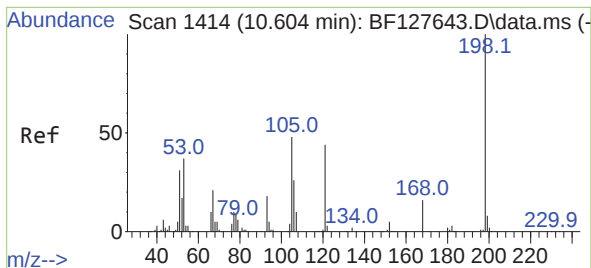
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF127824.D
Acq: 18 Apr 2022 14:33

Tgt Ion:188 Resp: 662370
Ion Ratio Lower Upper
188 100
94 9.1 7.4 11.0
80 10.1 8.0 12.0





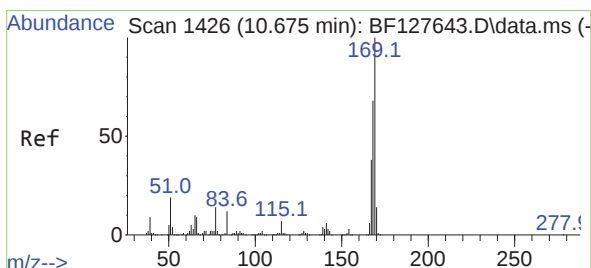
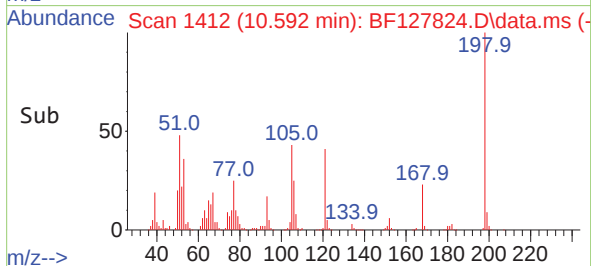
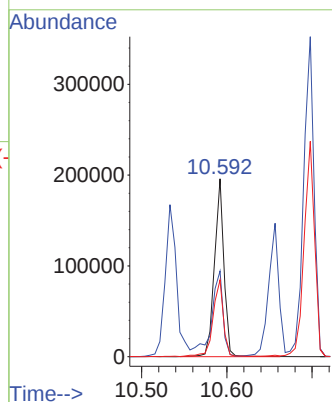
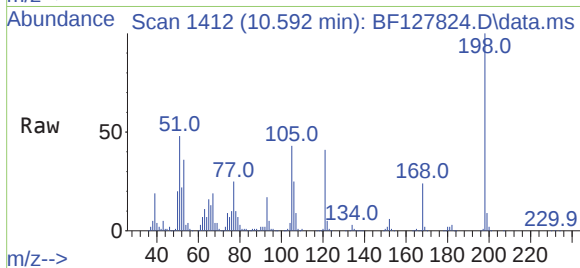
#65
4,6-Dinitro-2-methylphenol
Concen: 47.490 ng
RT: 10.592 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF127824.D
Acq: 18 Apr 2022 14:33

Instrument :
BNA_F
ClientSampleId :
PB144168BS

Tgt Ion:198 Resp: 151932
Ion Ratio Lower Upper
198 100
51 48.2 42.7 82.7
105 43.2 25.4 65.4

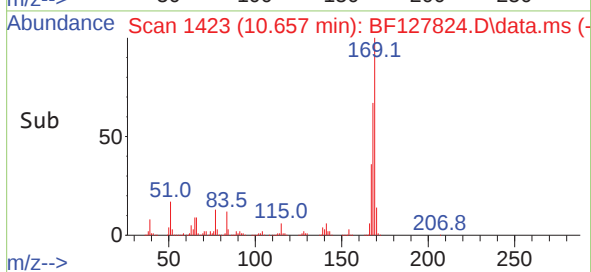
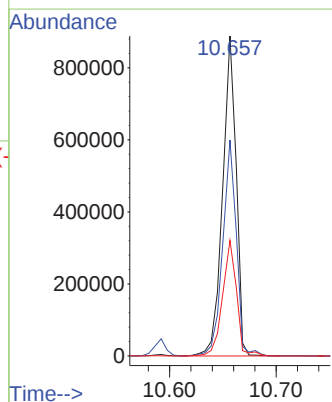
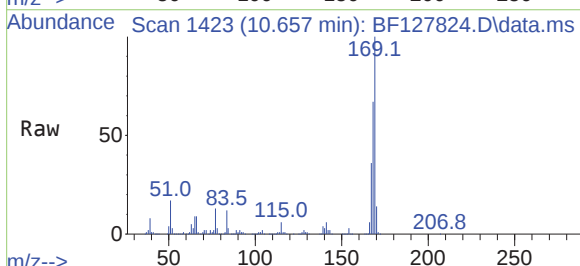
Manual Integrations
APPROVED

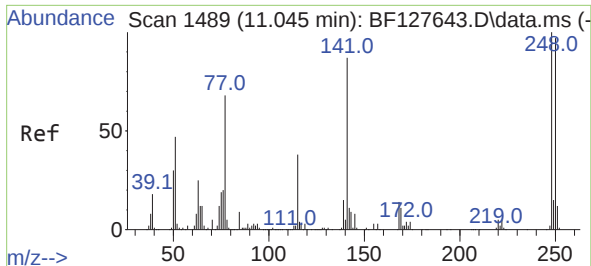
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#66
n-Nitrosodiphenylamine
Concen: 37.486 ng
RT: 10.657 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF127824.D
Acq: 18 Apr 2022 14:33

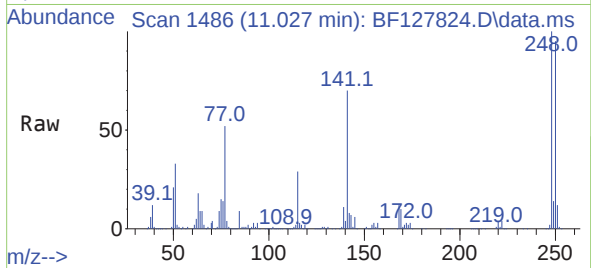
Tgt Ion:169 Resp: 781988
Ion Ratio Lower Upper
169 100
168 67.5 52.7 79.1
167 36.1 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 39.176 ng
RT: 11.027 min Scan# 1486
Delta R.T. -0.012 min
Lab File: BF127824.D
Acq: 18 Apr 2022 14:33

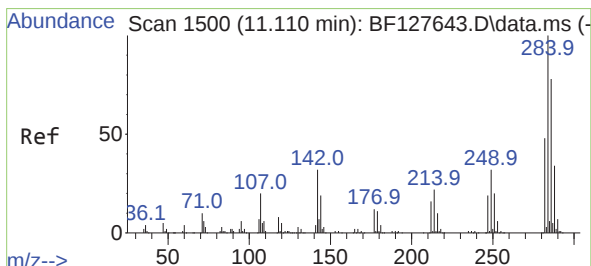
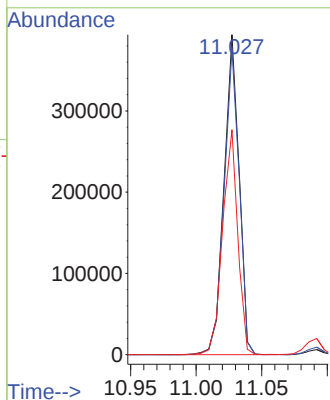
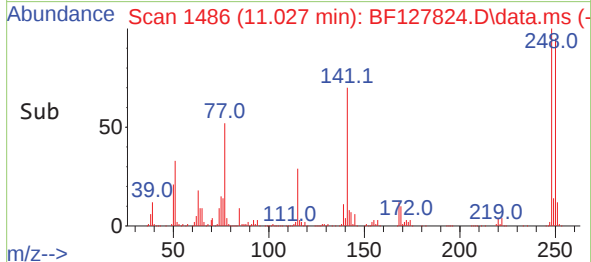
Instrument :
BNA_F
ClientSampleId :
PB144168BS



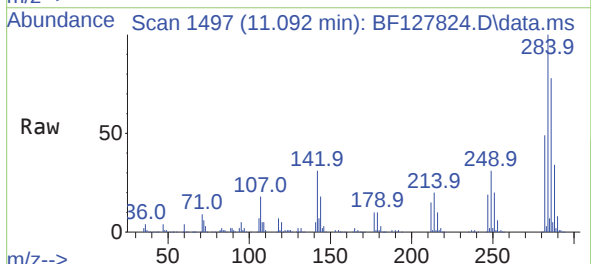
Tgt Ion:248 Resp: 314928
Ion Ratio Lower Upper
248 100
250 95.4 76.6 115.0
141 70.3 52.2 78.2

Manual Integrations
APPROVED

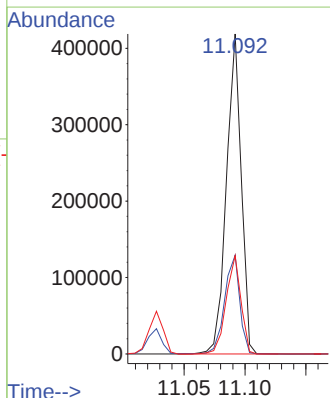
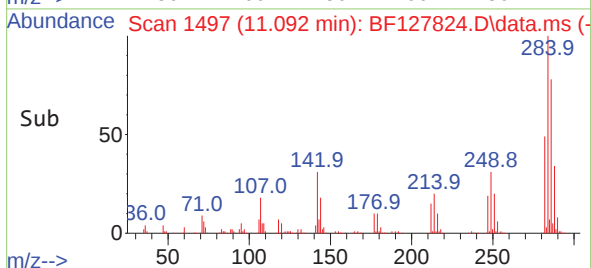
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022

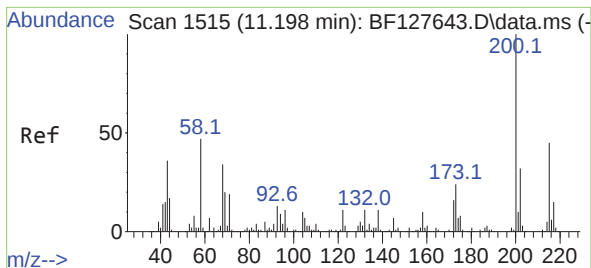


#68
Hexachlorobenzene
Concen: 40.207 ng
RT: 11.092 min Scan# 1497
Delta R.T. -0.012 min
Lab File: BF127824.D
Acq: 18 Apr 2022 14:33



Tgt Ion:284 Resp: 353320
Ion Ratio Lower Upper
284 100
142 30.8 23.8 35.8
249 30.7 23.9 35.9





#69

Atrazine

Concen: 42.935 ng

RT: 11.180 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF127824.D

Acq: 18 Apr 2022 14:33

Instrument :

BNA_F

ClientSampleId :

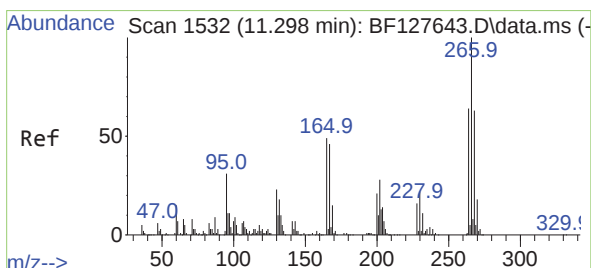
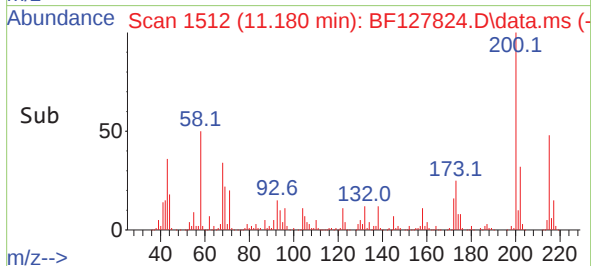
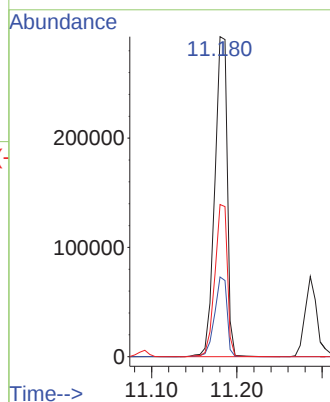
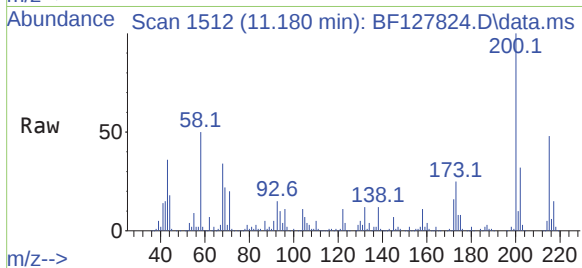
PB144168BS

Tgt Ion:200 Resp: 29758
 Ion Ratio Lower Upper
 200 100
 173 24.9 2.9 42.9
 215 47.5 28.0 68.0

Manual Integrations

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Reviewed By :Christian Giraldo 04/19/2022
 Supervised By :Jagrut Upadhyay 04/19/2022



#70

Pentachlorophenol

Concen: 73.403 ng

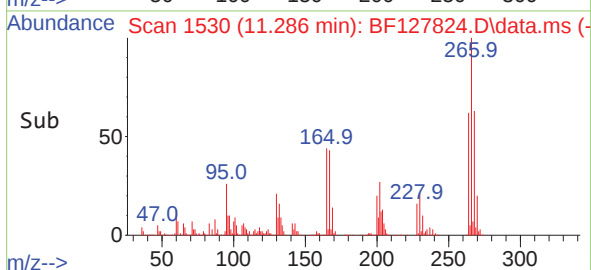
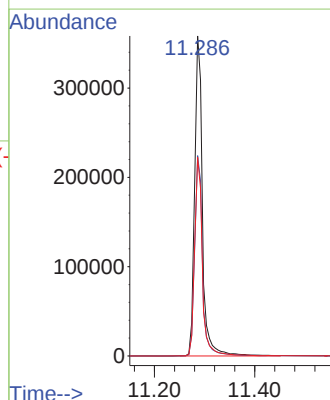
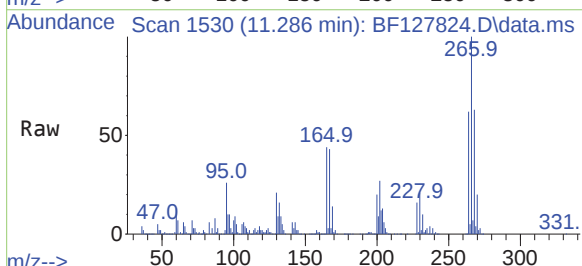
RT: 11.286 min Scan# 1530

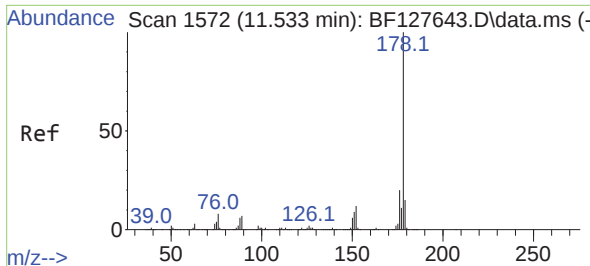
Delta R.T. -0.006 min

Lab File: BF127824.D

Acq: 18 Apr 2022 14:33

Tgt Ion:266 Resp: 385252
 Ion Ratio Lower Upper
 266 100
 268 62.6 50.4 75.6
 264 62.0 48.5 72.7





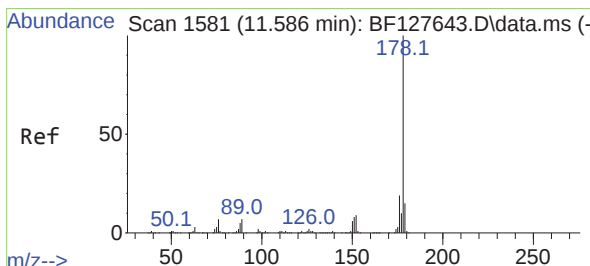
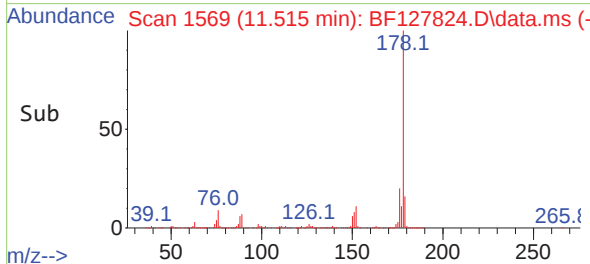
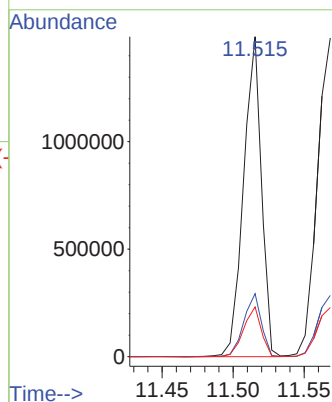
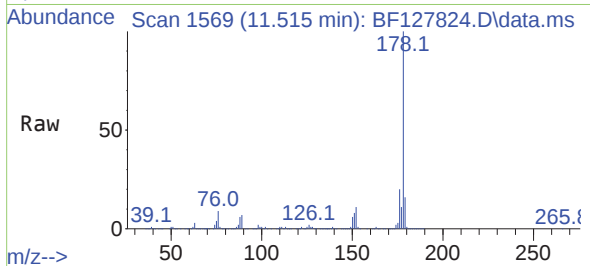
#71
Phenanthrene
Concen: 37.281 ng
RT: 11.515 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF127824.D
Acq: 18 Apr 2022 14:33

Instrument :
BNA_F
ClientSampleId :
PB144168BS

Tgt Ion:178 Resp: 130836
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.2
179 15.6 12.4 18.6

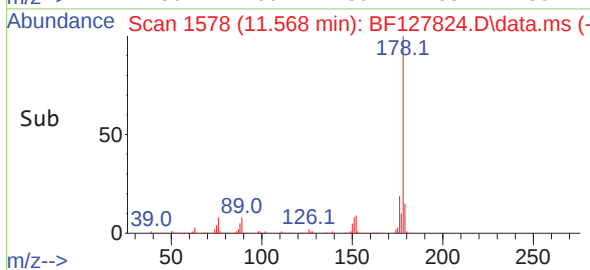
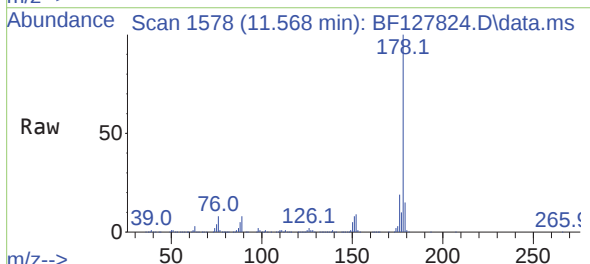
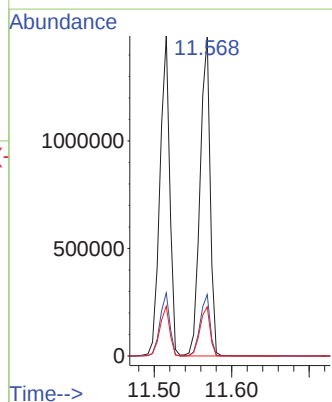
Manual Integrations
APPROVED

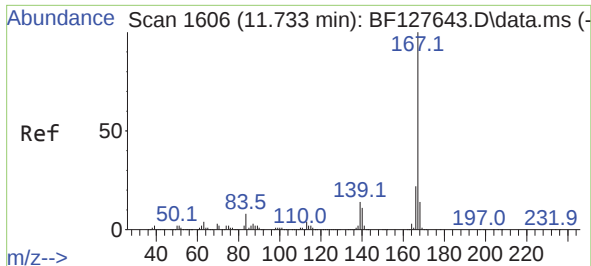
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#72
Anthracene
Concen: 38.461 ng
RT: 11.568 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF127824.D
Acq: 18 Apr 2022 14:33

Tgt Ion:178 Resp: 1335162
Ion Ratio Lower Upper
178 100
176 19.2 14.6 22.0
179 15.4 12.4 18.6





#73
 Carbazole
 Concen: 36.697 ng
 RT: 11.721 min Scan# 1604
 Delta R.T. -0.006 min
 Lab File: BF127824.D
 Acq: 18 Apr 2022 14:33

Instrument :

BNA_F

ClientSampleId :

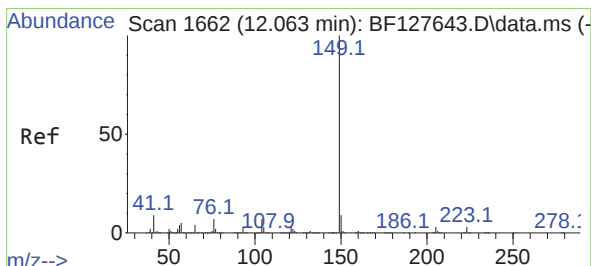
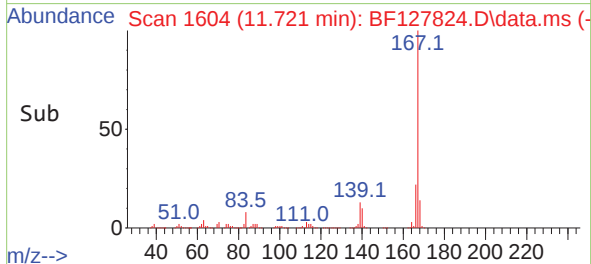
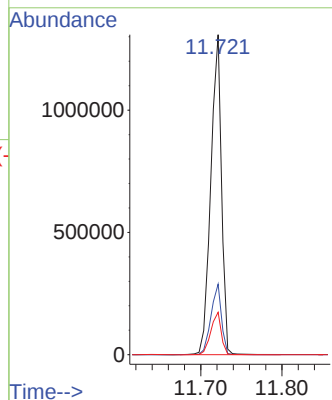
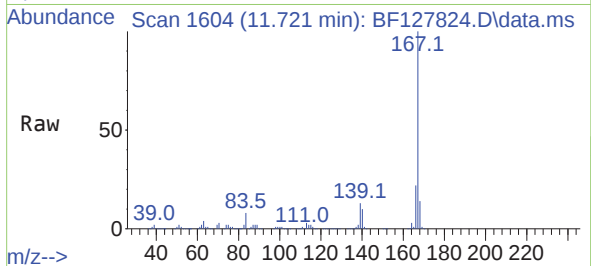
PB144168BS

Tgt Ion:167 Resp: 119370
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.0 25.4
 139 13.3 10.5 15.7

Manual Integrations

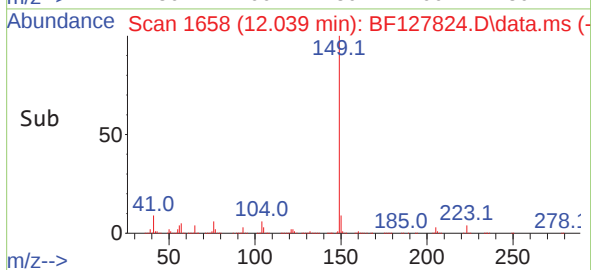
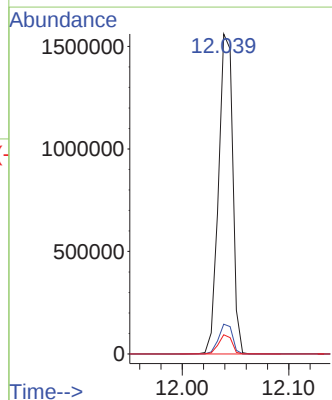
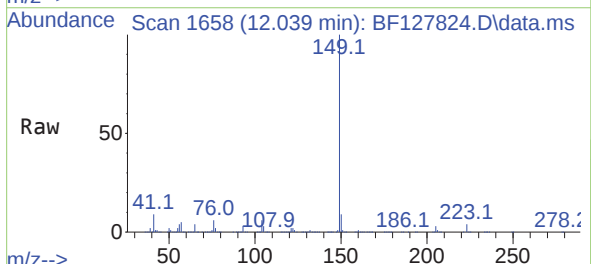
APPROVED

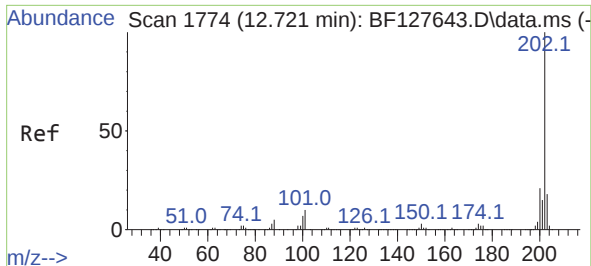
Reviewed By :Christian Giraldo 04/19/2022
 Supervised By :Jagrut Upadhyay 04/19/2022



#74
 Di-n-butylphthalate
 Concen: 36.930 ng
 RT: 12.039 min Scan# 1658
 Delta R.T. -0.012 min
 Lab File: BF127824.D
 Acq: 18 Apr 2022 14:33

Tgt Ion:149 Resp: 1436053
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 6.0 4.2 6.2





#75
Fluoranthene
Concen: 38.190 ng
RT: 12.704 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127824.D
Acq: 18 Apr 2022 14:33

Instrument :

BNA_F

ClientSampleId :

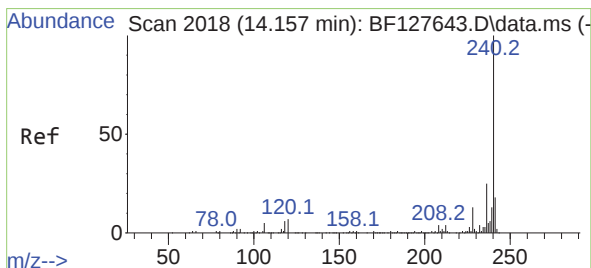
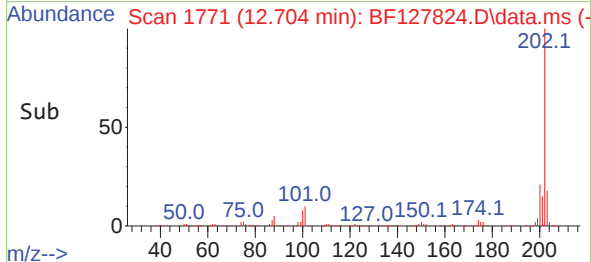
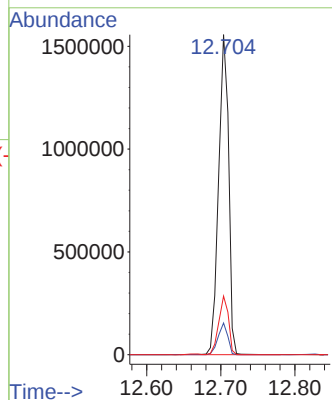
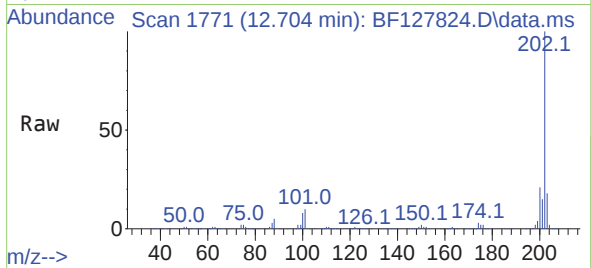
PB144168BS

Tgt Ion:202 Resp: 1462534
Ion Ratio Lower Upper
202 100
101 9.9 0.0 29.0
203 18.3 0.0 37.7

Manual Integrations

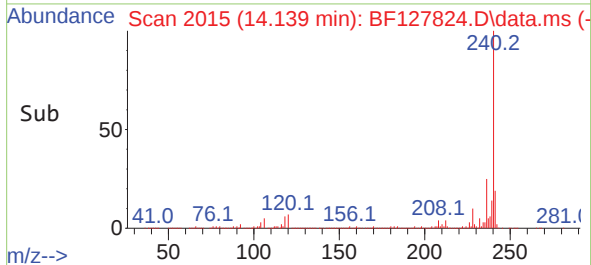
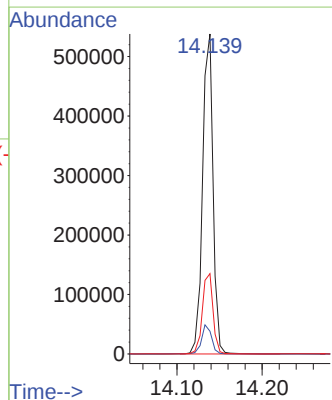
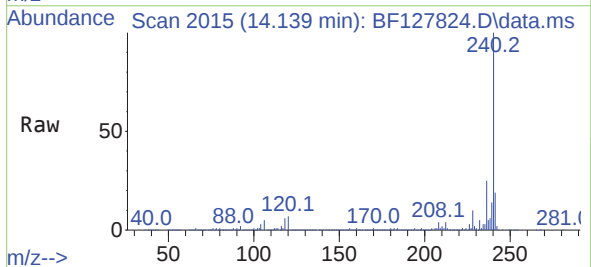
APPROVED

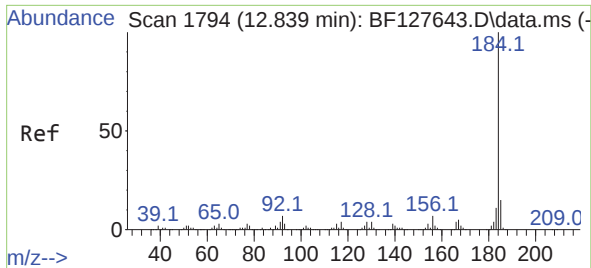
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF127824.D
Acq: 18 Apr 2022 14:33

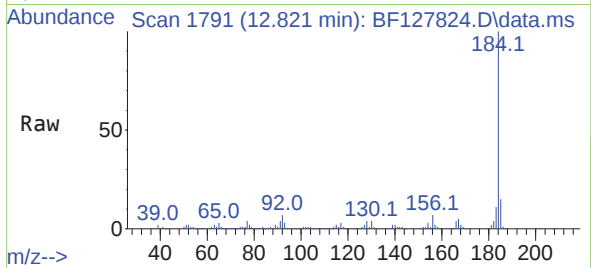
Tgt Ion:240 Resp: 458678
Ion Ratio Lower Upper
240 100
120 7.1 7.1 10.7#
236 25.1 20.7 31.1





#77
Benzidine
Concen: 34.791 ng
RT: 12.821 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127824.D
Acq: 18 Apr 2022 14:33

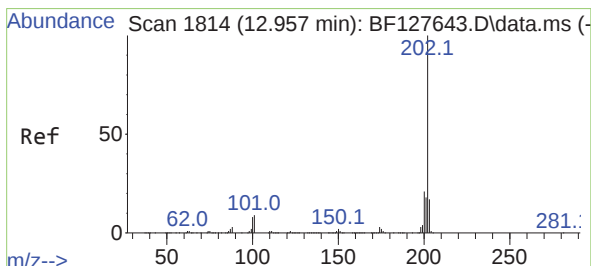
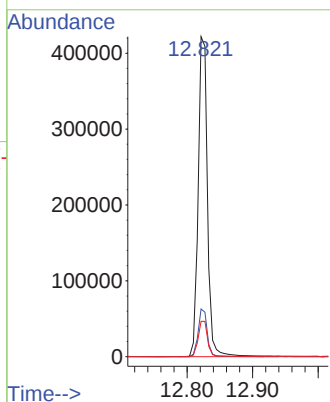
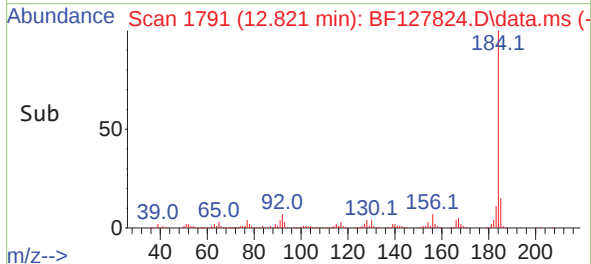
Instrument :
BNA_F
ClientSampleId :
PB144168BS



Tgt Ion:184 Resp: 416508
Ion Ratio Lower Upper
184 100
185 14.9 12.2 18.2
183 11.1 9.4 14.0

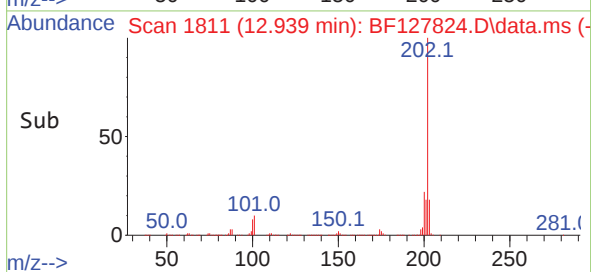
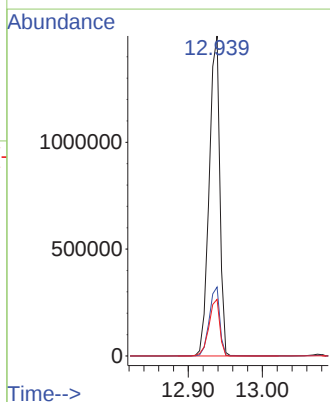
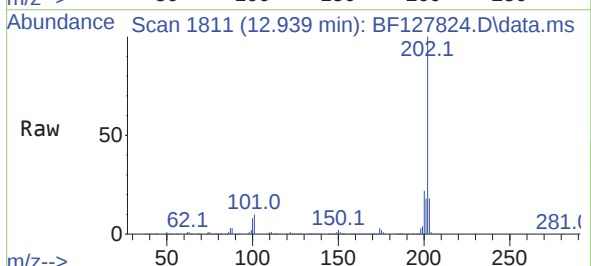
Manual Integrations
APPROVED

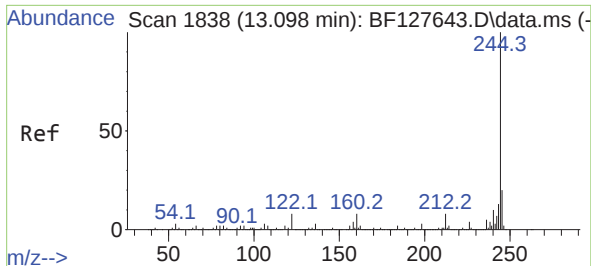
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#78
Pyrene
Concen: 38.313 ng
RT: 12.939 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF127824.D
Acq: 18 Apr 2022 14:33

Tgt Ion:202 Resp: 1483933
Ion Ratio Lower Upper
202 100
200 21.6 17.1 25.7
203 17.7 14.3 21.5





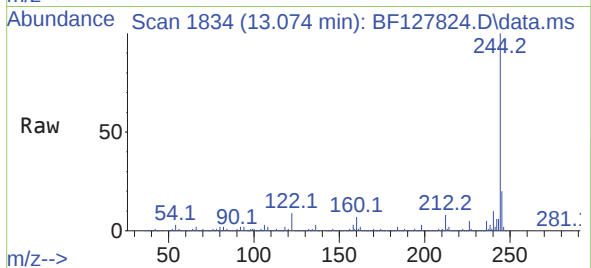
#79
 Terphenyl-d14
 Concen: 74.398 ng
 RT: 13.074 min Scan# 1834
 Delta R.T. -0.006 min
 Lab File: BF127824.D
 Acq: 18 Apr 2022 14:33

Instrument :

BNA_F

ClientSampleId :

PB144168BS



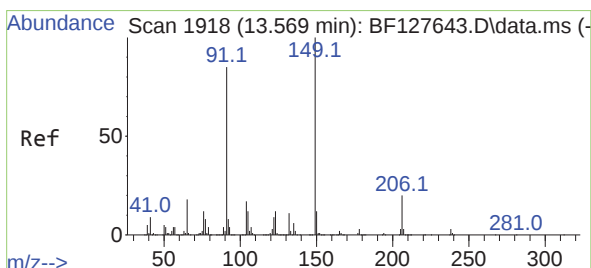
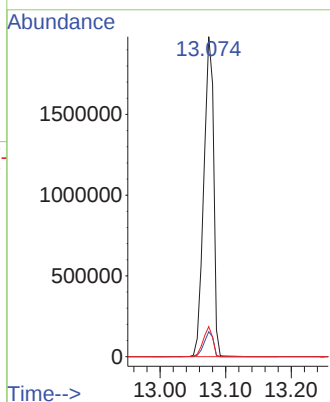
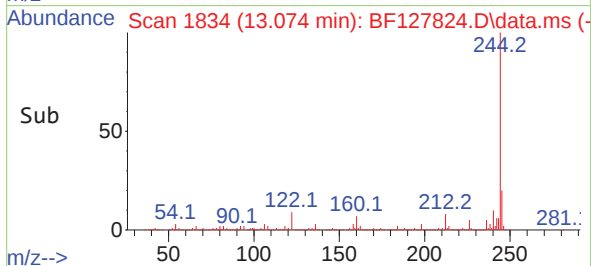
Tgt Ion:244 Resp: 2067420
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.7 8.5
 122 9.4 6.2 9.2

Manual Integrations

APPROVED

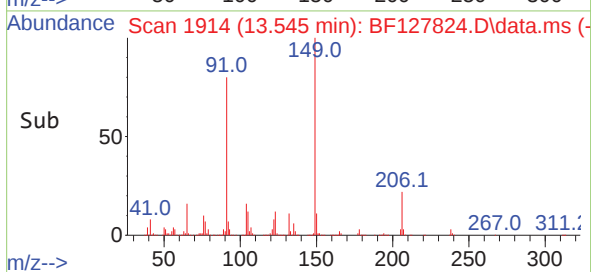
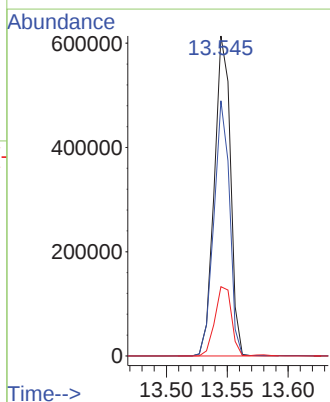
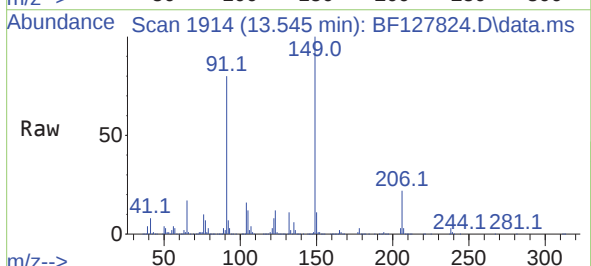
Reviewed By :Christian Giraldo 04/19/2022

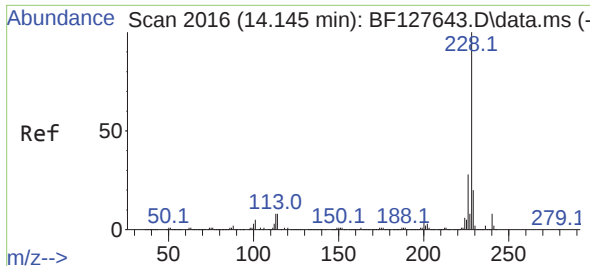
Supervised By :Jagrut Upadhyay 04/19/2022



#80
 Butylbenzylphthalate
 Concen: 39.439 ng
 RT: 13.545 min Scan# 1914
 Delta R.T. -0.006 min
 Lab File: BF127824.D
 Acq: 18 Apr 2022 14:33

Tgt Ion:149 Resp: 568767
 Ion Ratio Lower Upper
 149 100
 91 79.8 69.1 103.7
 206 21.6 17.7 26.5





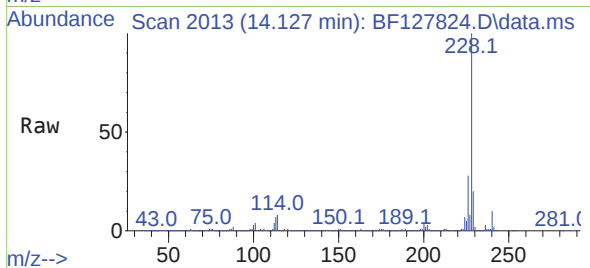
#81
Benzo(a)anthracene
Concen: 39.745 ng
RT: 14.127 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF127824.D
Acq: 18 Apr 2022 14:33

Instrument :

BNA_F

ClientSampleId :

PB144168BS

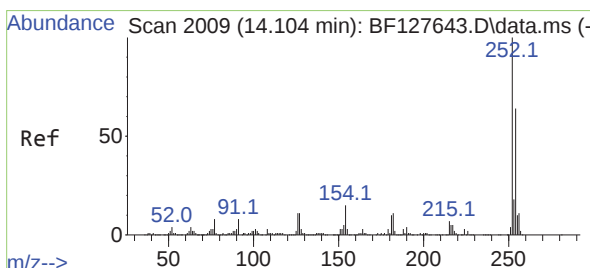
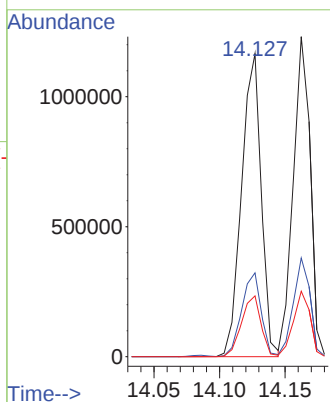
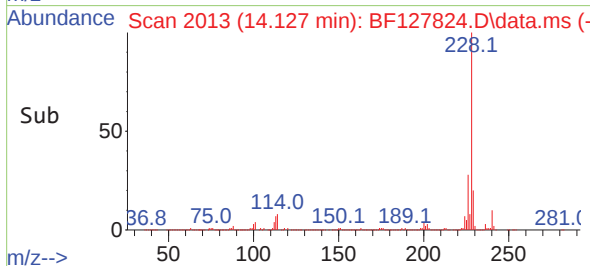


Tgt Ion:228 Resp: 1217586
Ion Ratio Lower Upper
228 100
226 27.6 21.6 32.4
229 20.1 15.4 23.2

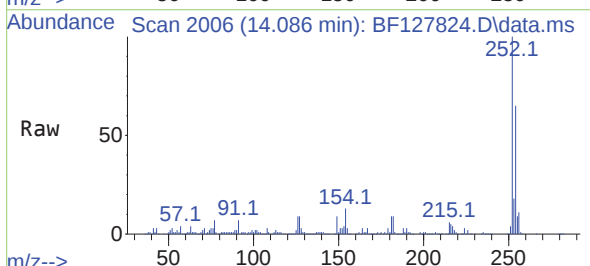
Manual Integrations

APPROVED

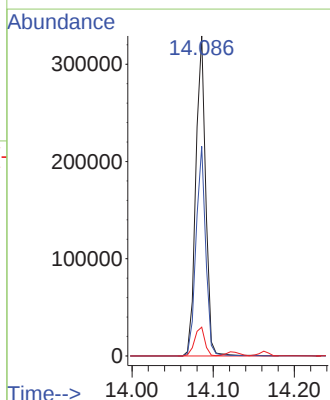
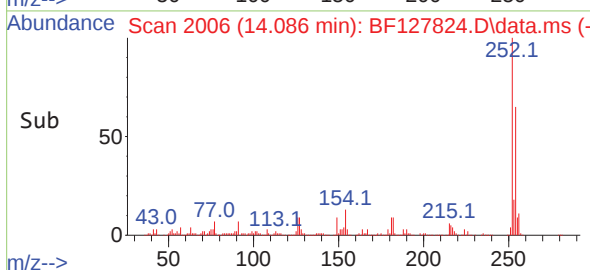
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022

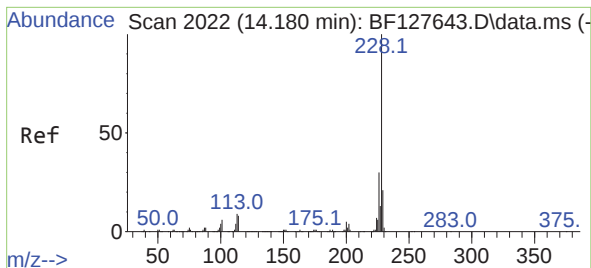


#82
3,3'-Dichlorobenzidine
Concen: 29.299 ng
RT: 14.086 min Scan# 2006
Delta R.T. -0.006 min
Lab File: BF127824.D
Acq: 18 Apr 2022 14:33



Tgt Ion:252 Resp: 279817
Ion Ratio Lower Upper
252 100
254 65.5 50.2 75.4
126 9.0 8.7 13.1





#83

Chrysene

Concen: 37.800 ng

RT: 14.162 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF127824.D

Acq: 18 Apr 2022 14:33

Instrument :

BNA_F

ClientSampleId :

PB144168BS

Tgt Ion:228 Resp: 111157

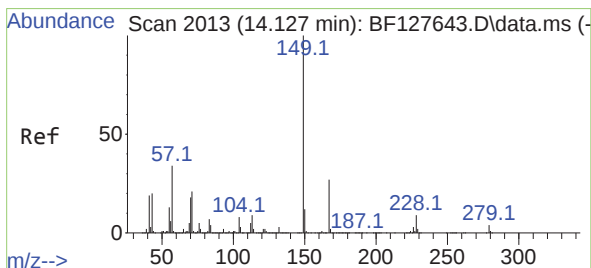
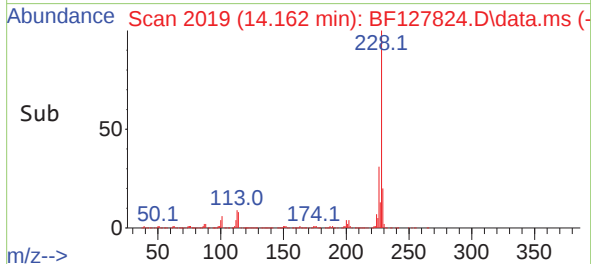
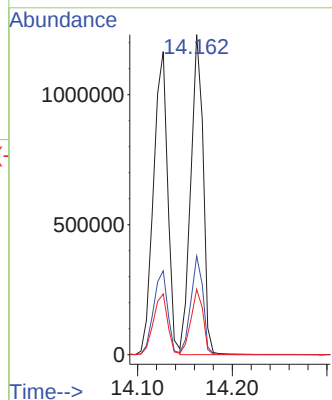
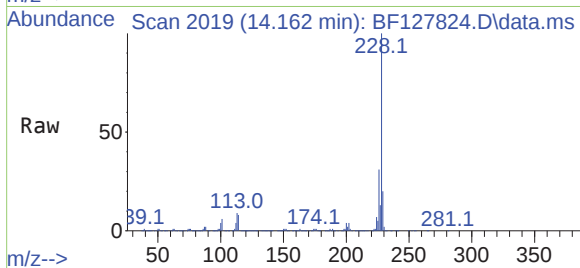
Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.2	36.4
229	20.4	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/19/2022

Supervised By :Jagrut Upadhyay 04/19/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.376 ng

RT: 14.104 min Scan# 2009

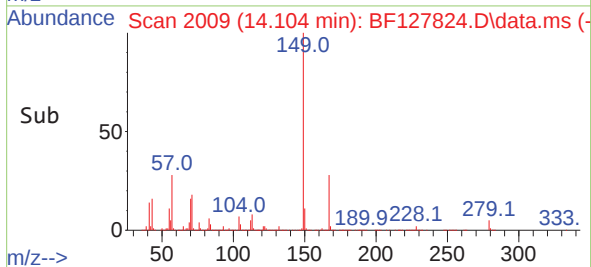
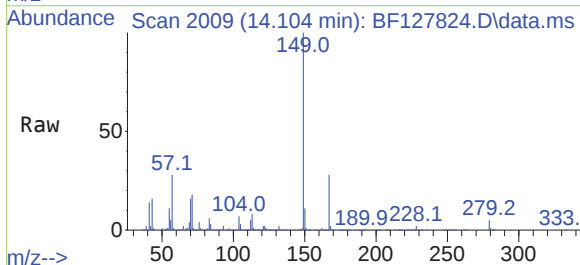
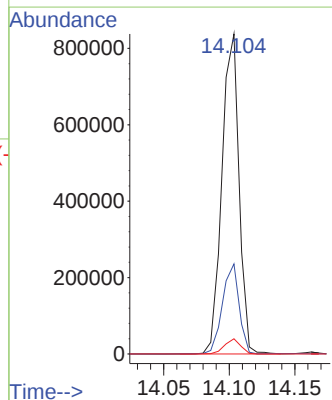
Delta R.T. -0.006 min

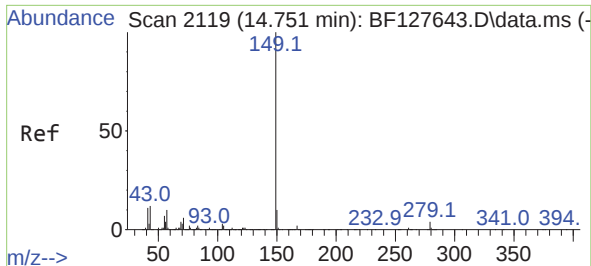
Lab File: BF127824.D

Acq: 18 Apr 2022 14:33

Tgt Ion:149 Resp: 759762

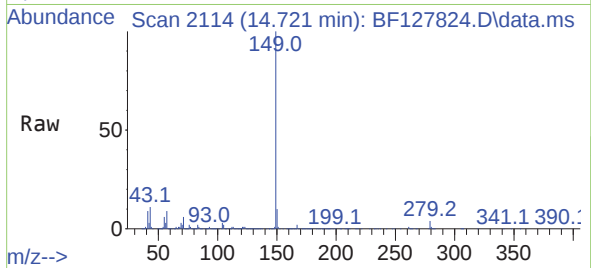
Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.9	34.3
279	4.7	3.2	4.8





#85
Di-n-octyl phthalate
Concen: 38.744 ng
RT: 14.721 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BF127824.D
Acq: 18 Apr 2022 14:33

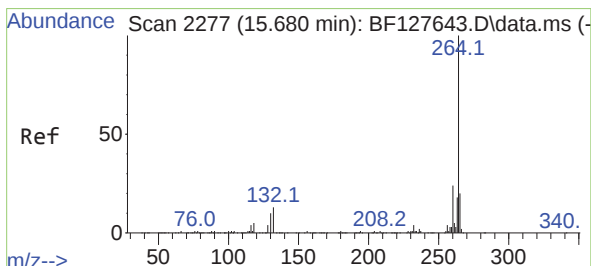
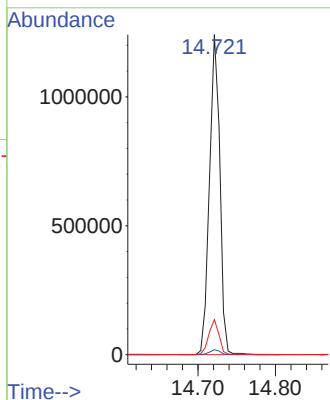
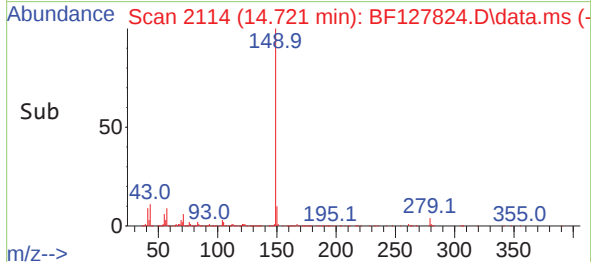
Instrument :
BNA_F
ClientSampleId :
PB144168BS



Tgt Ion:149 Resp: 1151550
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.8 11.0 16.6

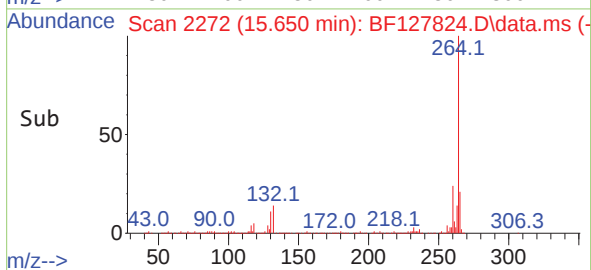
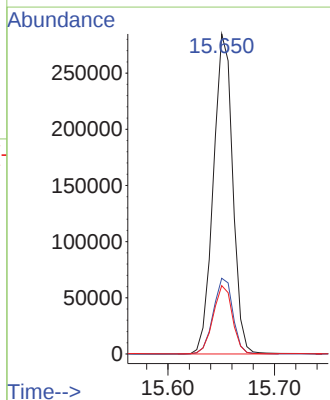
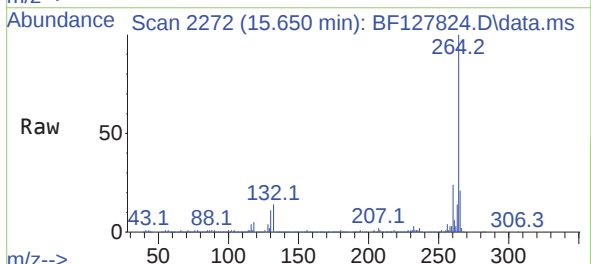
Manual Integrations
APPROVED

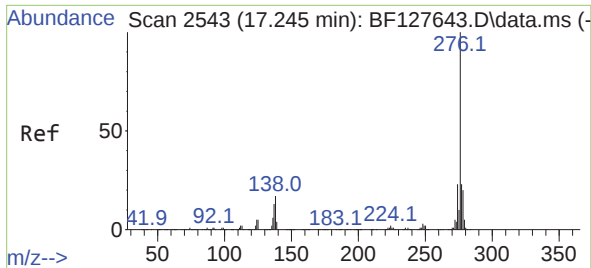
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.650 min Scan# 2272
Delta R.T. -0.012 min
Lab File: BF127824.D
Acq: 18 Apr 2022 14:33

Tgt Ion:264 Resp: 358567
Ion Ratio Lower Upper
264 100
260 23.6 19.1 28.7
265 21.3 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 41.062 ng
RT: 17.209 min Scan# 2199
Delta R.T. -0.018 min
Lab File: BF127824.D
Acq: 18 Apr 2022 14:33

Instrument :

BNA_F

ClientSampleId :

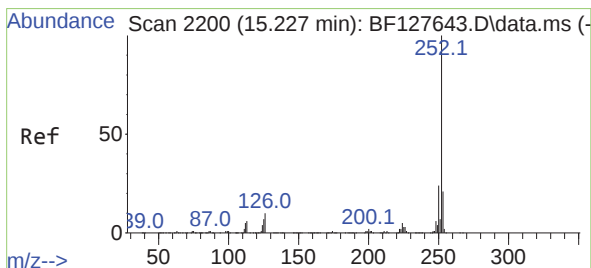
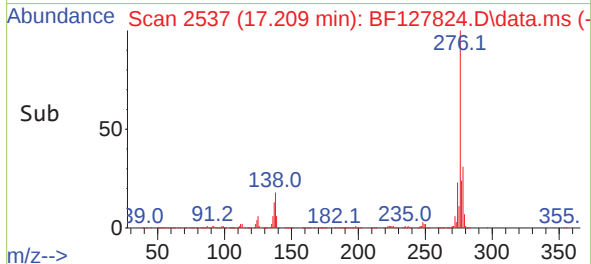
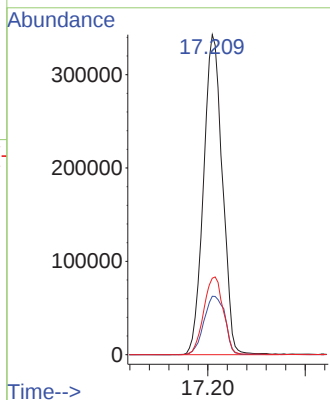
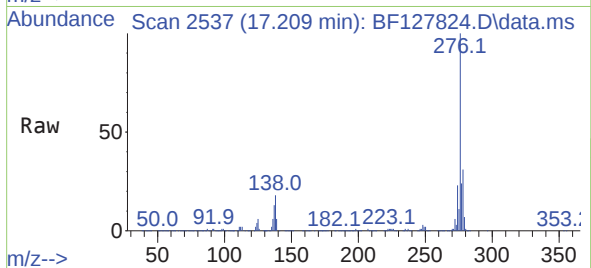
PB144168BS

Tgt Ion:276 Resp: 919912
Ion Ratio Lower Upper
276 100
138 20.5 17.1 25.7
277 25.4 19.9 29.9

Manual Integrations

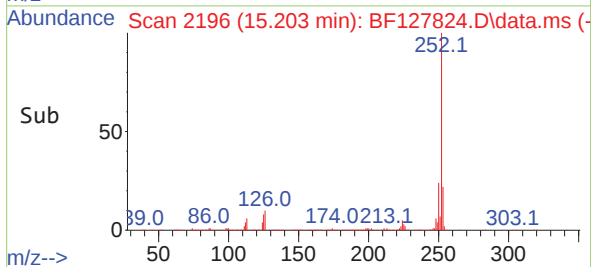
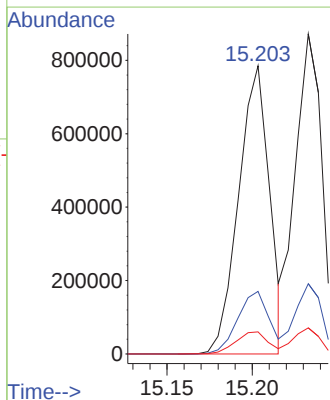
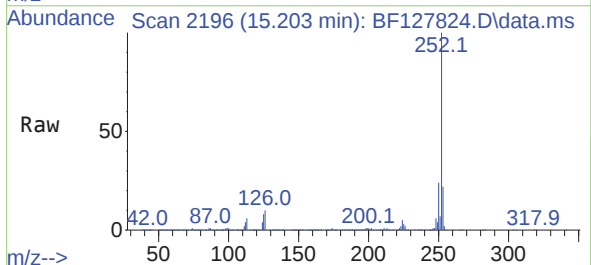
APPROVED

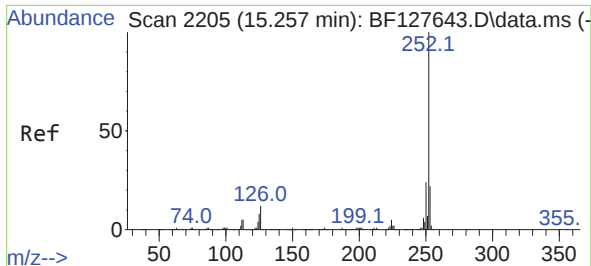
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#88
Benzo(b)fluoranthene
Concen: 42.846 ng
RT: 15.203 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BF127824.D
Acq: 18 Apr 2022 14:33

Tgt Ion:252 Resp: 988316
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 7.7 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 41.612 ng

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF127824.D

Acq: 18 Apr 2022 14:33

Instrument :

BNA_F

ClientSampleId :

PB144168BS

Tgt Ion:252 Resp: 951974

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

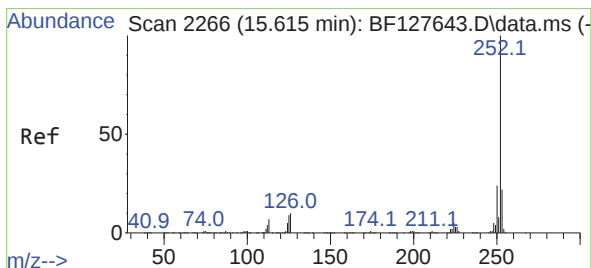
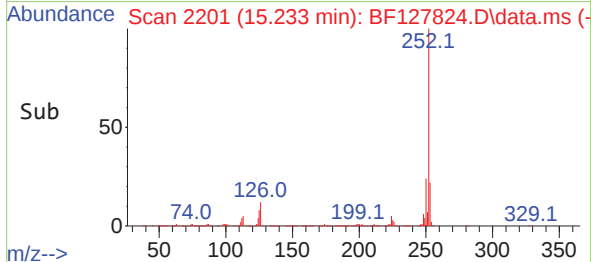
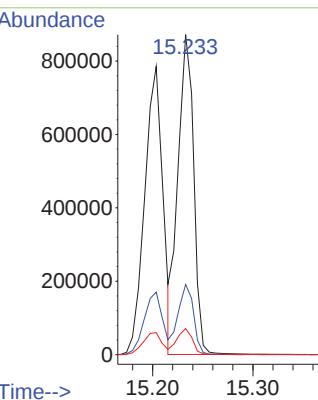
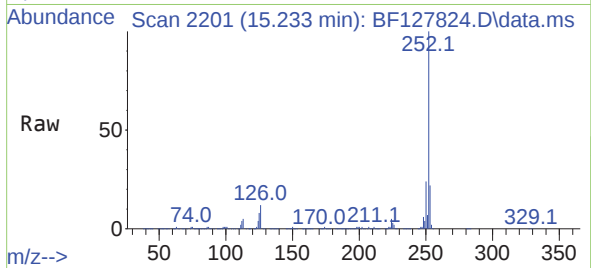
125 8.2 6.9 10.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/19/2022

Supervised By :Jagrut Upadhyay 04/19/2022



#90

Benzo(a)pyrene

Concen: 48.943 ng

RT: 15.592 min Scan# 2262

Delta R.T. -0.006 min

Lab File: BF127824.D

Acq: 18 Apr 2022 14:33

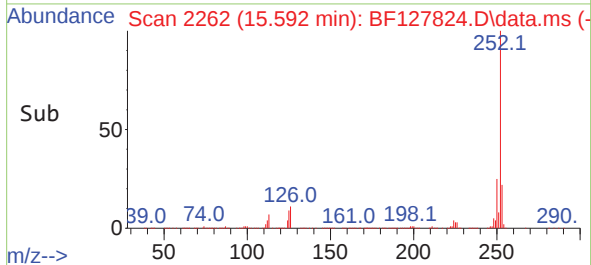
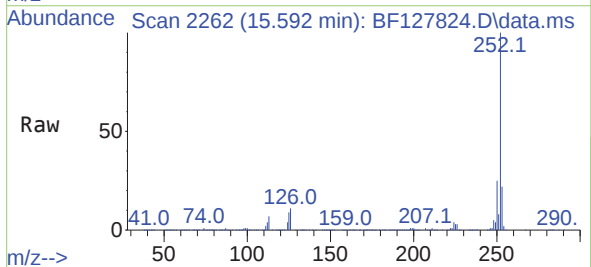
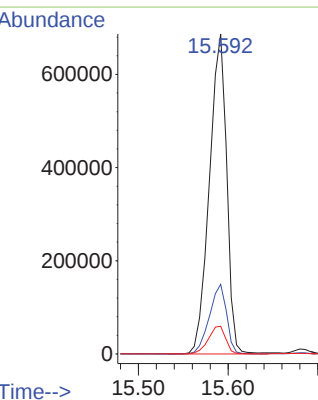
Tgt Ion:252 Resp: 917598

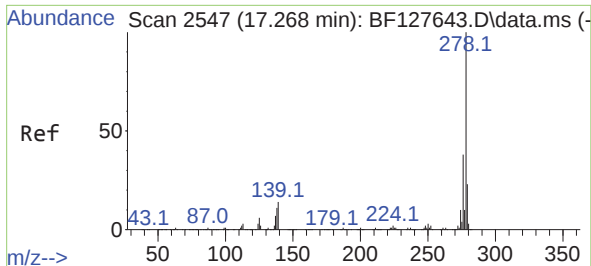
Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.6

125 8.7 6.7 10.1





#91

Dibenzo(a,h)anthracene

Concen: 44.249 ng

RT: 17.233 min Scan# 2018

Delta R.T. -0.012 min

Lab File: BF127824.D

Acq: 18 Apr 2022 14:33

Instrument :

BNA_F

ClientSampleId :

PB144168BS

Tgt Ion:278 Resp: 803189

Ion Ratio Lower Upper

278 100

139 13.1 10.8 16.2

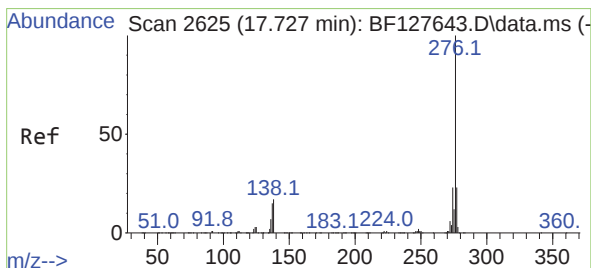
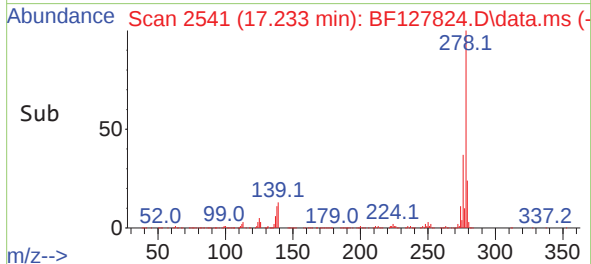
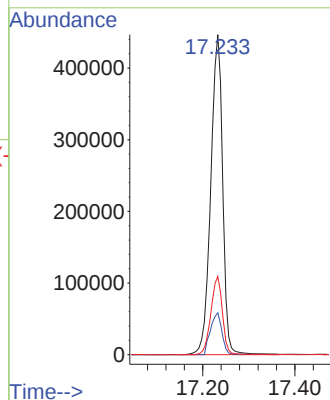
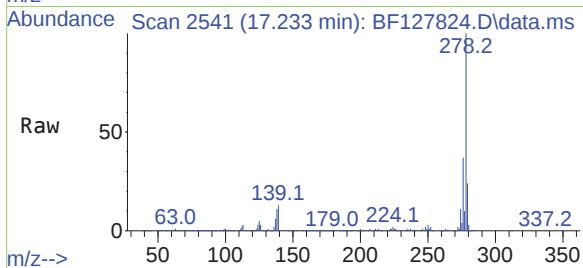
279 24.5 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/19/2022

Supervised By :Jagrut Upadhyay 04/19/2022



#92

Benzo(g,h,i)perylene

Concen: 43.476 ng

RT: 17.686 min Scan# 2618

Delta R.T. -0.018 min

Lab File: BF127824.D

Acq: 18 Apr 2022 14:33

Tgt Ion:276 Resp: 809030

Ion Ratio Lower Upper

276 100

277 23.3 19.0 28.4

138 17.6 14.6 22.0

