

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031622\
 Data File : BF127350.D
 Acq On : 16 Mar 2022 16:09
 Operator : CG\JU
 Sample : PB143392BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143392BS

Quant Time: Mar 17 02:35:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 10 16:51:53 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 03/17/2022
 Supervised By : Jagrut Upadhyay 03/17/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	92260	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	335841	20.000	ng	# 0.00
39) Acenaphthene-d10	9.916	164	199149	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	341234	20.000	ng	# 0.00
76) Chrysene-d12	14.051	240	224462	20.000	ng	# 0.00
86) Perylene-d12	15.533	264	152000	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	956555	166.673	ng	0.02
7) Phenol-d6	6.516	99	964754	122.198	ng	0.01
23) Nitrobenzene-d5	7.445	82	644150	79.211	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	272655	127.182	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1163702	82.613	ng	0.00
79) Terphenyl-d14	12.992	244	1267066	97.202	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.804	88	94826	31.866	ng	# 78
3) Pyridine	3.557	79	303378	38.311	ng	# 76
4) n-Nitrosodimethylamine	3.528	42	246880	56.270	ng	# 64
6) Aniline	6.539	93	358442	37.990	ng	# 88
8) 2-Chlorophenol	6.657	128	272581	45.911	ng	92
9) Benzaldehyde	6.428	77	172691	42.366	ng	96
10) Phenol	6.528	94	365487	42.142	ng	# 60
11) bis(2-Chloroethyl)ether	6.610	93	279967	43.470	ng	91
12) 1,3-Dichlorobenzene	6.810	146	279834	41.988	ng	96
13) 1,4-Dichlorobenzene	6.886	146	279816	41.852	ng	98
14) 1,2-Dichlorobenzene	7.039	146	269670	42.856	ng	96
15) Benzyl Alcohol	7.022	79	255576	43.189	ng	90
16) 2,2'-oxybis(1-Chloropr...	7.139	45	471015	38.970	ng	85
17) 2-Methylphenol	7.128	107	211575	41.918	ng	# 85
18) Hexachloroethane	7.375	117	107813	41.978	ng	# 79
19) n-Nitroso-di-n-propyla...	7.292	70	209111	42.444	ng	# 86
20) 3+4-Methylphenols	7.286	107	262353	40.080	ng	89
22) Acetophenone	7.286	105	374319	40.708	ng	# 80
24) Nitrobenzene	7.463	77	320604	41.683	ng	94
25) Isophorone	7.698	82	566624	43.332	ng	# 98
26) 2-Nitrophenol	7.775	139	128476	40.335	ng	# 73
27) 2,4-Dimethylphenol	7.810	122	222862m	46.608	ng	
28) bis(2-Chloroethoxy)met...	7.904	93	324416	39.155	ng	98
29) 2,4-Dichlorophenol	8.016	162	231256	42.231	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	266904	42.754	ng	99
31) Naphthalene	8.175	128	739797	41.295	ng	99
32) Benzoic acid	7.975	122	121331	38.092	ng	88
33) 4-Chloroaniline	8.228	127	172700	24.870	ng	# 91
34) Hexachlorobutadiene	8.286	225	182935	43.943	ng	99
35) Caprolactam	8.628	113	72567m	44.360	ng	
36) 4-Chloro-3-methylphenol	8.716	107	250465	42.201	ng	97
37) 2-Methylnaphthalene	8.869	142	509832	43.553	ng	97
38) 1-Methylnaphthalene	8.969	142	474069	42.126	ng	96
40) 1,2,4,5-Tetrachloroben...	9.033	216	279375	44.314	ng	# 94
41) Hexachlorocyclopentadiene	9.016	237	302820	112.504	ng	95
43) 2,4,6-Trichlorophenol	9.151	196	163716	41.145	ng	96

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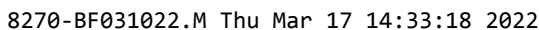
Quant Time: Mar 17 02:35:23 2022
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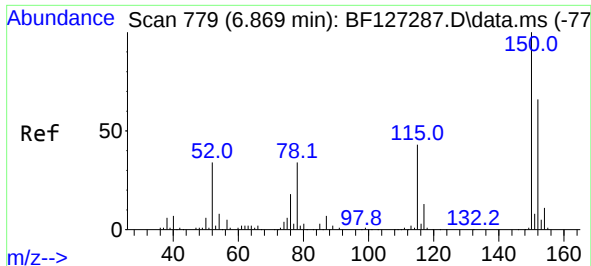
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	174145m	41.237	ng	
46) 1,1'-Biphenyl	9.333	154	627927	41.777	ng	97
47) 2-Chloronaphthalene	9.363	162	488661	41.765	ng	98
48) 2-Nitroaniline	9.463	65	182750	40.595	ng	88
49) Acenaphthylene	9.780	152	757643	42.314	ng	98
50) Dimethylphthalate	9.639	163	594863	41.685	ng	# 99
51) 2,6-Dinitrotoluene	9.710	165	125031	43.314	ng	94
52) Acenaphthene	9.951	154	437151	40.958	ng	96
53) 3-Nitroaniline	9.880	138	84100	26.735	ng	93
54) 2,4-Dinitrophenol	9.992	184	119789	75.527	ng	94
55) Dibenzofuran	10.122	168	660847	39.855	ng	97
56) 4-Nitrophenol	10.057	139	141614	74.067	ng	# 65
57) 2,4-Dinitrotoluene	10.116	165	160733	42.321	ng	# 89
58) Fluorene	10.469	166	531480	41.337	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	151182	43.079	ng	# 77
60) Diethylphthalate	10.339	149	537013	41.255	ng	96
61) 4-Chlorophenyl-phenyle...	10.451	204	296479	42.549	ng	91
62) 4-Nitroaniline	10.504	138	113089m	36.077	ng	
63) Azobenzene	10.616	77	573480	38.327	ng	86
65) 4,6-Dinitro-2-methylph...	10.527	198	83606	39.738	ng	84
66) n-Nitrosodiphenylamine	10.580	169	446799	42.160	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	180294	43.831	ng	95
68) Hexachlorobenzene	11.010	284	201716	44.996	ng	# 89
69) Atrazine	11.110	200	176331	48.218	ng	92
70) Pentachlorophenol	11.210	266	181899	100.497	ng	96
71) Phenanthrene	11.433	178	750759	41.678	ng	100
72) Anthracene	11.486	178	775450	43.469	ng	99
73) Carbazole	11.639	167	661114	39.354	ng	98
74) Di-n-butylphthalate	11.957	149	829790	42.230	ng	99
75) Fluoranthene	12.621	202	827097	41.066	ng	91
77) Benzidine	12.745	184	330533	57.906	ng	98
78) Pyrene	12.851	202	832458	47.614	ng	99
80) Butylbenzylphthalate	13.457	149	304920	45.317	ng	# 98
81) Benzo(a)anthracene	14.039	228	633797	41.936	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	145816	31.030	ng	# 95
83) Chrysene	14.080	228	591699	42.092	ng	98
84) Bis(2-ethylhexyl)phtha...	14.010	149	415046	45.823	ng	# 98
85) Di-n-octyl phthalate	14.627	149	580970	42.378	ng	97
87) Indeno(1,2,3-cd)pyrene	17.045	276	443839	48.471	ng	# 80
88) Benzo(b)fluoranthene	15.098	252	489307	49.042	ng	# 91
89) Benzo(k)fluoranthene	15.127	252	424361	45.235	ng	# 92
90) Benzo(a)pyrene	15.474	252	414947	52.815	ng	# 91
91) Dibenzo(a,h)anthracene	17.062	278	386155	50.670	ng	# 86
92) Benzo(g,h,i)perylene	17.503	276	375763	50.547	ng	# 82

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

Manual Integrations

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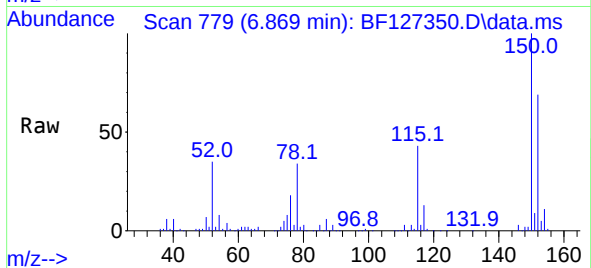
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09

Instrument :

BNA_F

ClientSampleId :

PB143392BS

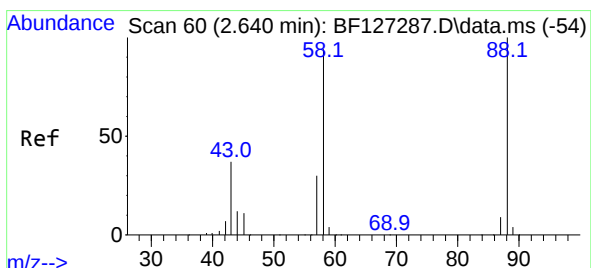
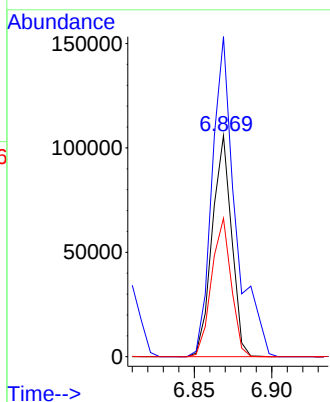
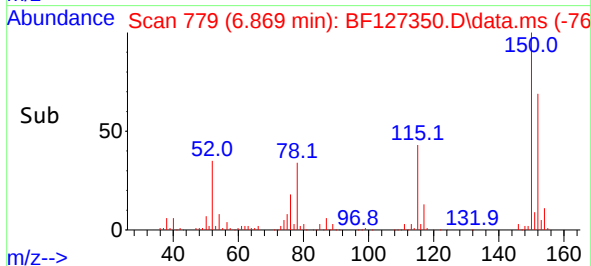


Tgt Ion:152 Resp: 92260
Ion Ratio Lower Upper
152 100
150 144.7 128.1 192.1
115 62.6 56.7 85.1

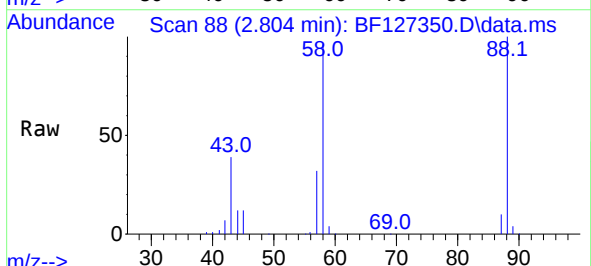
Manual Integrations

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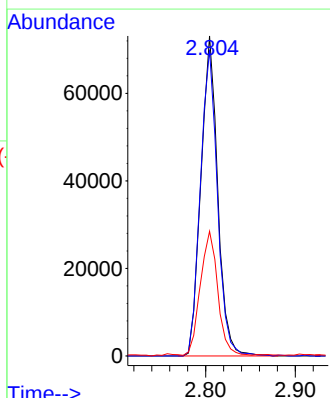
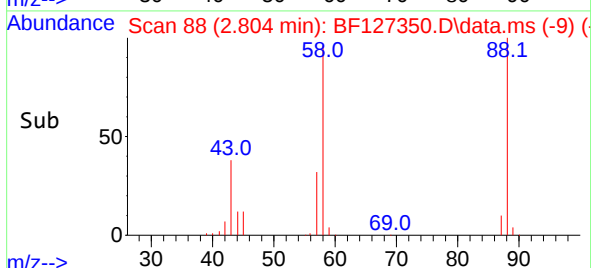
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

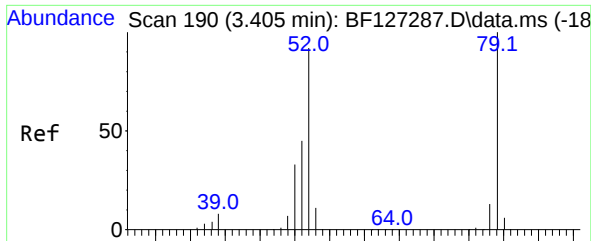


#2
1,4-Dioxane
Concen: 31.866 ng
RT: 2.804 min Scan# 88
Delta R.T. 0.165 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09



Tgt Ion: 88 Resp: 94826
Ion Ratio Lower Upper
88 100
58 97.1 62.8 94.2#
43 40.1 22.3 33.5#





#3

Pyridine

Concen: 38.311 ng

RT: 3.557 min Scan# 216

Delta R.T. 0.153 min

Lab File: BF127350.D

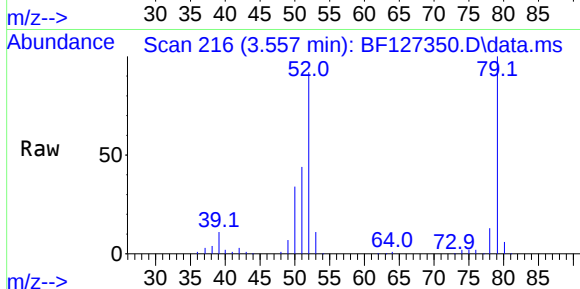
Acq: 16 Mar 2022 16:09

Instrument :

BNA_F

ClientSampleId :

PB143392BS



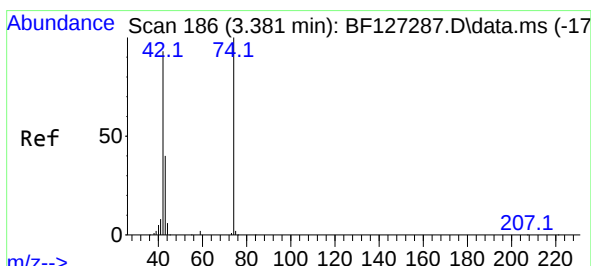
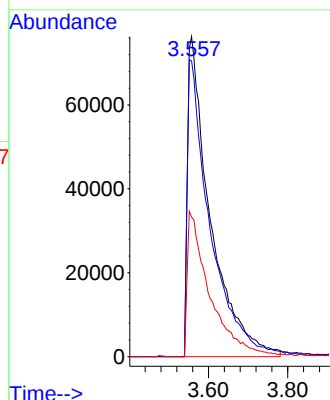
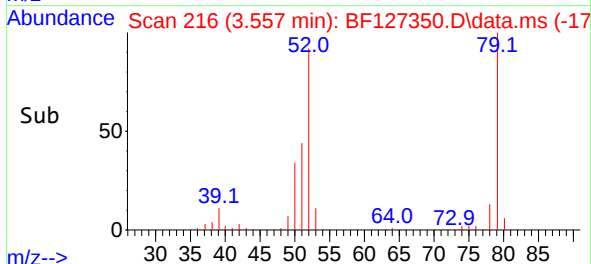
Tgt Ion: 79 Resp: 303378

Ion	Ratio	Lower	Upper
79	100		
52	92.5	56.2	84.4
51	43.7	26.7	40.1

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#4

n-Nitrosodimethylamine

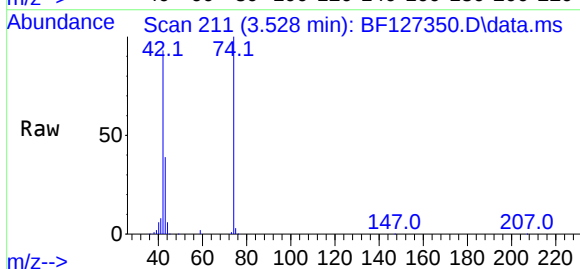
Concen: 56.270 ng

RT: 3.528 min Scan# 211

Delta R.T. 0.147 min

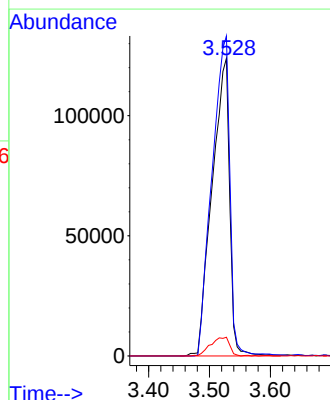
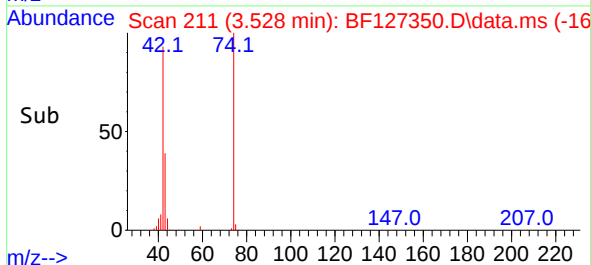
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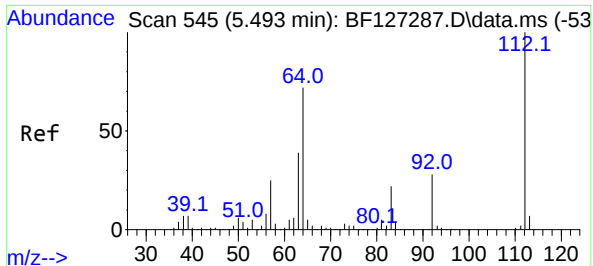
Acq: 16 Mar 2022 16:09



Tgt Ion: 42 Resp: 246880

Ion	Ratio	Lower	Upper
42	100		
74	107.5	125.6	188.4
44	6.3	5.7	8.5





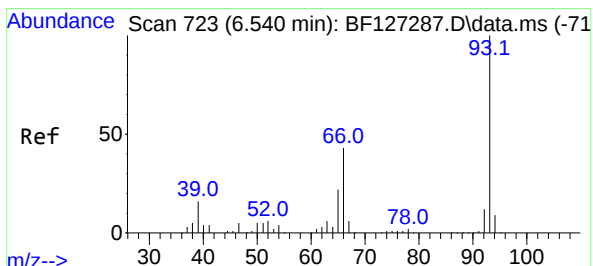
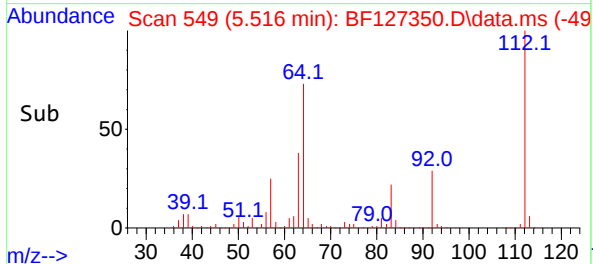
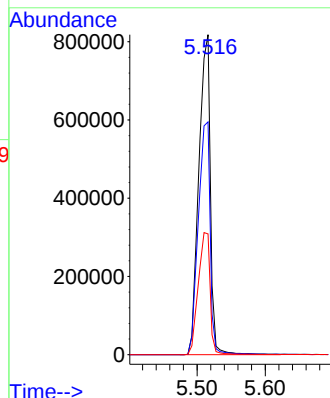
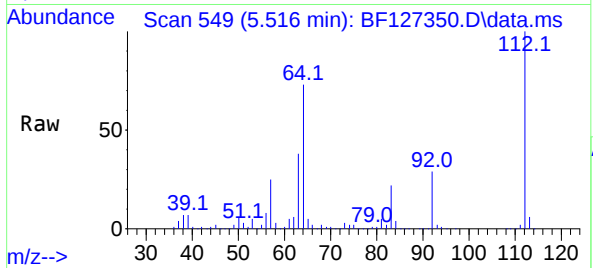
#5
2-Fluorophenol
Concen: 166.673 ng
RT: 5.516 min Scan# 545
Delta R.T. 0.023 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09

Instrument :
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ClientSampleId :
PB143392BS

Tgt Ion:112 Resp: 95655
Ion Ratio Lower Upper
112 100
64 72.7 49.5 74.3
63 37.7 23.9 35.9

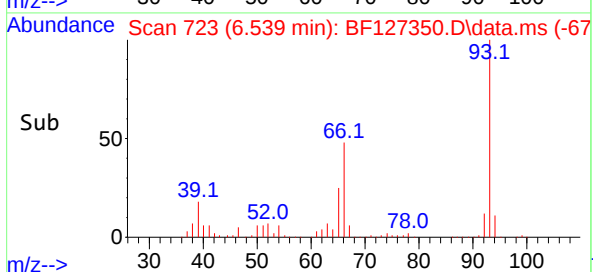
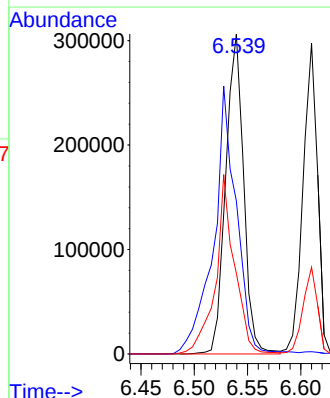
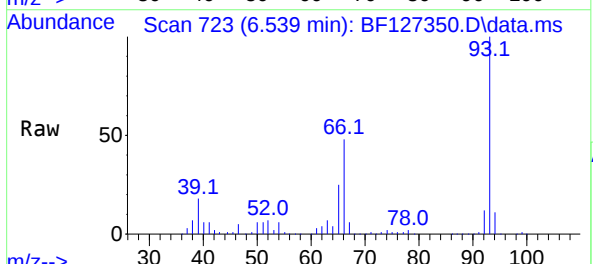
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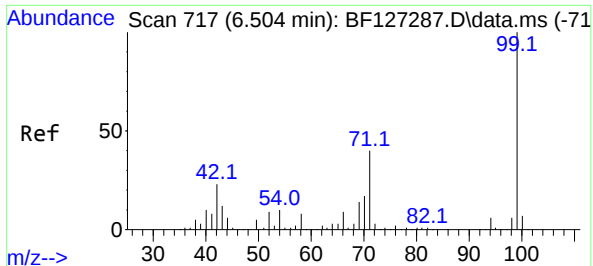
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#6
Aniline
Concen: 37.990 ng
RT: 6.539 min Scan# 723
Delta R.T. -0.000 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09

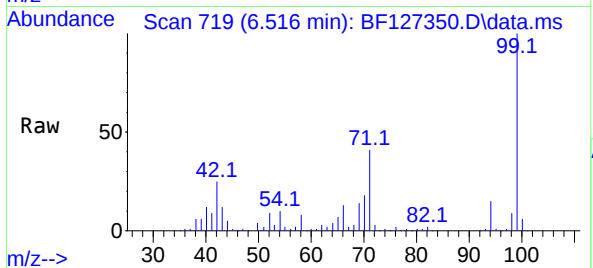
Tgt Ion: 93 Resp: 358442
Ion Ratio Lower Upper
93 100
66 47.9 32.2 48.4
65 25.2 16.3 24.5





#7
Phenol-d6
Concen: 122.198 ng
RT: 6.516 min Scan# 719
Delta R.T. 0.012 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09

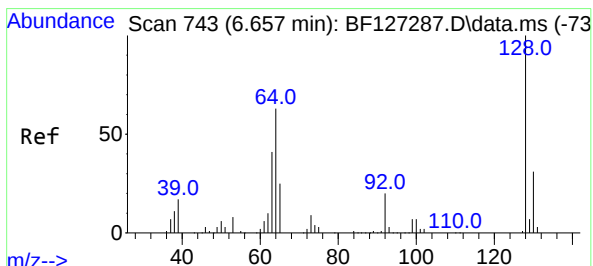
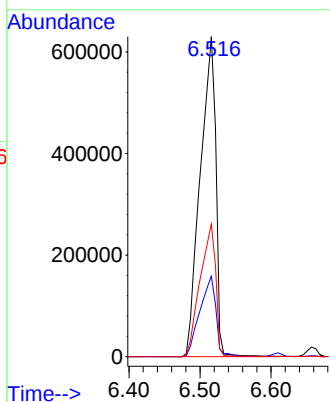
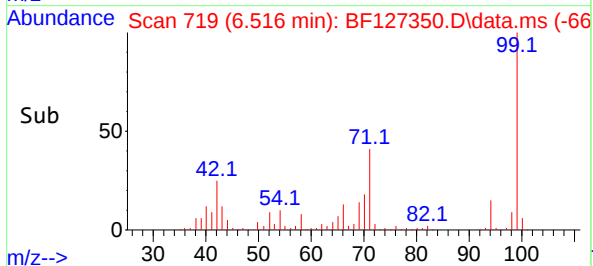
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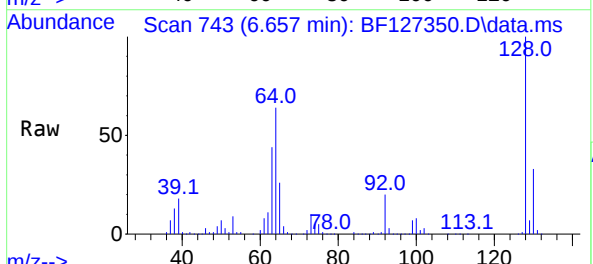
Tgt Ion: 99 Resp: 964754
Ion Ratio Lower Upper
99 100
42 25.1 14.2 21.4
71 41.5 24.3 36.5

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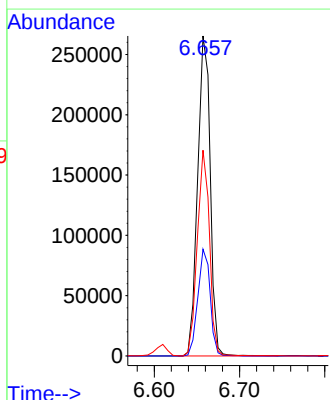
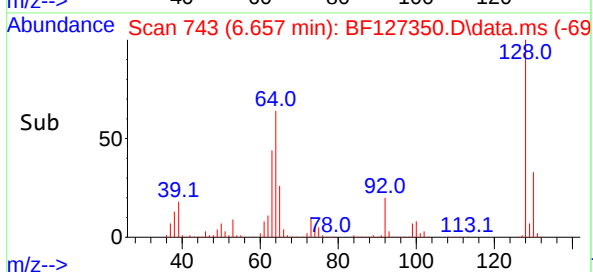
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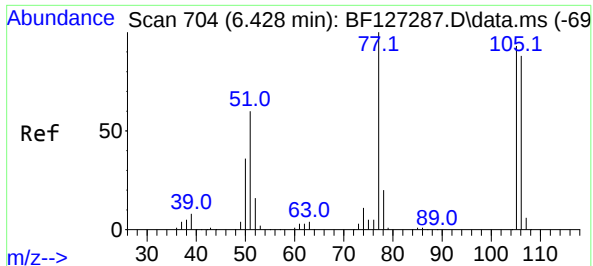


#8
2-Chlorophenol
Concen: 45.911 ng
RT: 6.657 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09



Tgt Ion:128 Resp: 272581
Ion Ratio Lower Upper
128 100
130 33.3 12.7 52.7
64 64.3 35.6 75.6





#9
Benzaldehyde
Concen: 42.366 ng
RT: 6.428 min Scan# 704
Delta R.T. -0.000 min
Lab File: BF127350.D
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Instrument :

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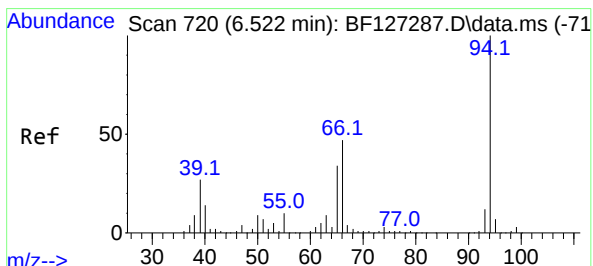
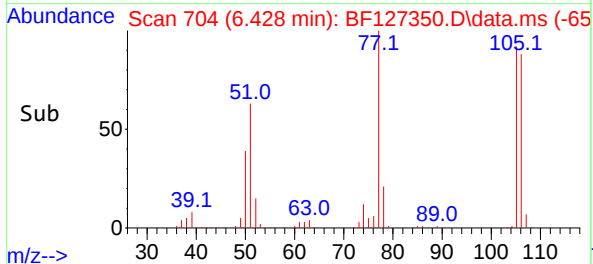
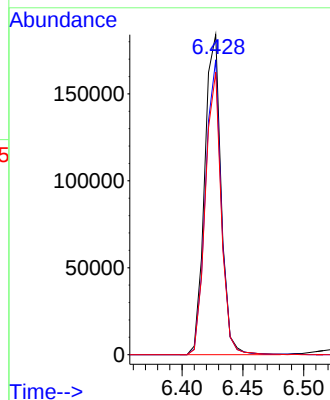
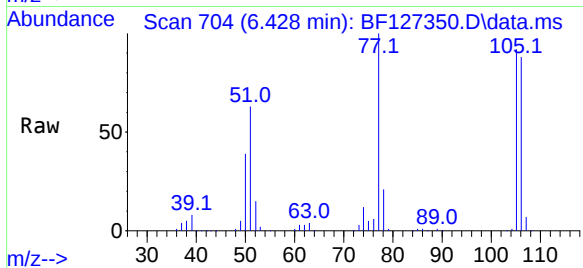
ClientSampleId :

PB143392BS

Tgt Ion: 77 Resp: 17269
Ion Ratio Lower Upper
77 100
105 92.1 74.9 114.9
106 88.3 72.4 112.4

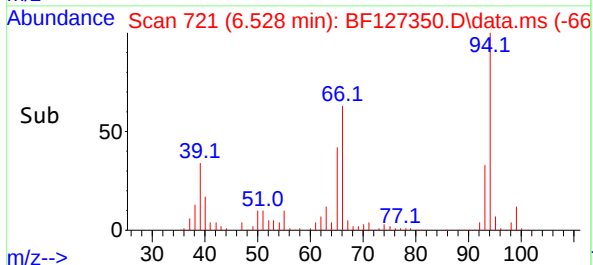
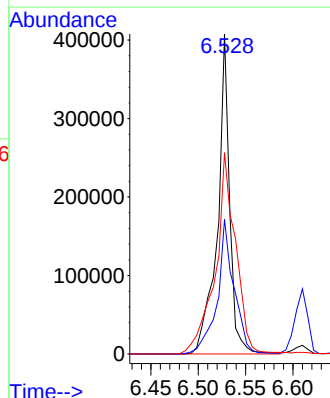
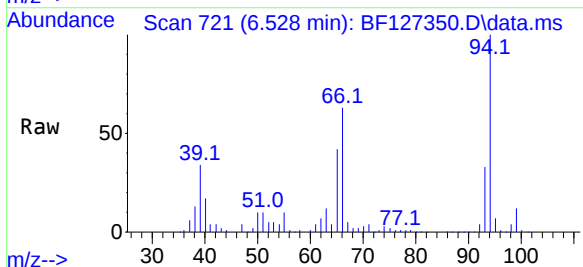
Manual Integrations
APPROVED

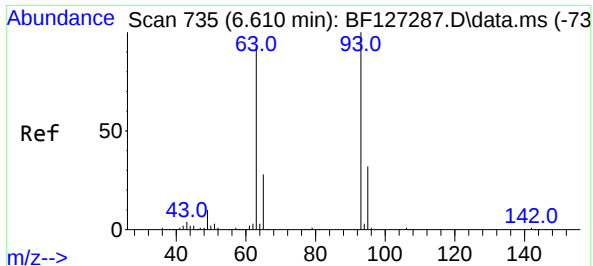
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#10
Phenol
Concen: 42.142 ng
RT: 6.528 min Scan# 721
Delta R.T. 0.006 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09

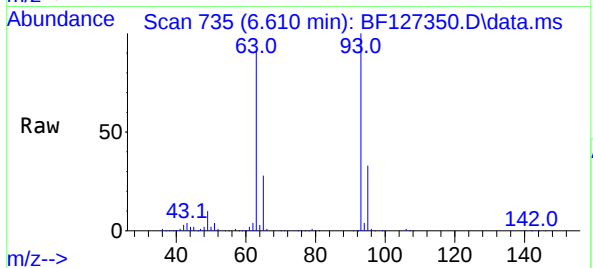
Tgt Ion: 94 Resp: 365487
Ion Ratio Lower Upper
94 100
65 42.1 7.2 47.2
66 62.9 14.5 54.5#





#11
bis(2-Chloroethyl)ether
Concen: 43.470 ng
RT: 6.610 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09

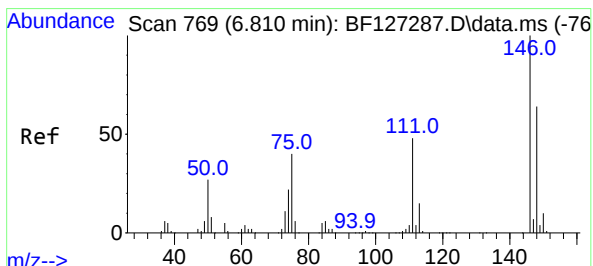
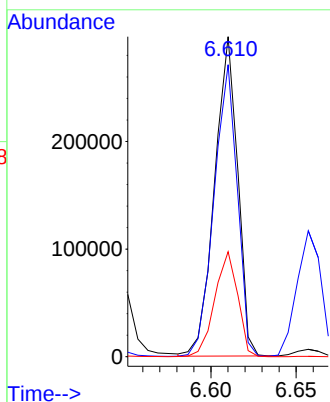
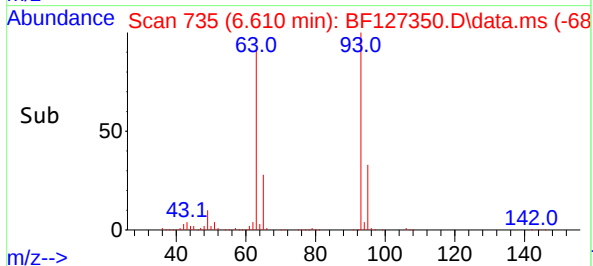
Instrument :
BNA_F
ClientSampleId :
PB143392BS



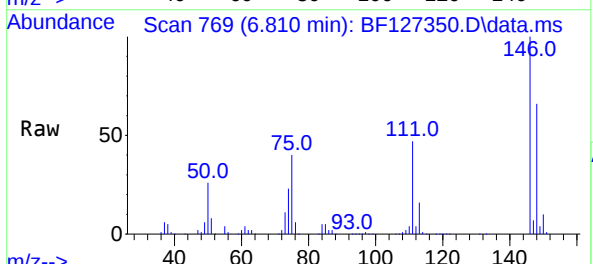
Tgt Ion: 93 Resp: 27996
Ion Ratio Lower Upper
93 100
63 91.2 60.5 100.5
95 32.8 12.9 52.9

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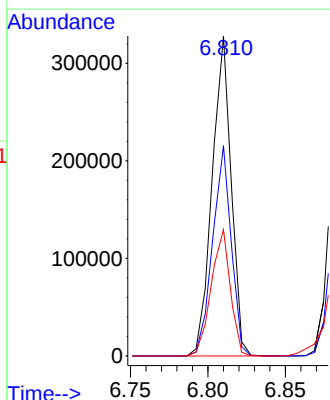
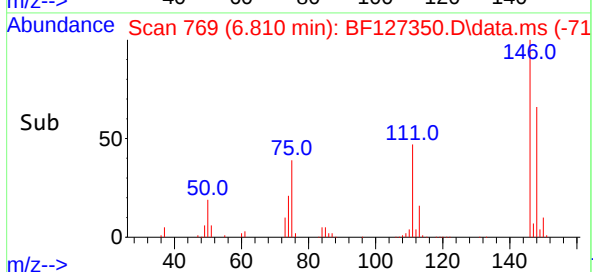
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

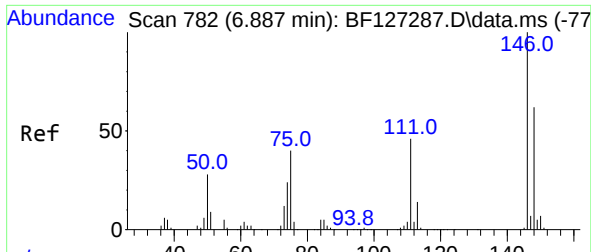


#12
1,3-Dichlorobenzene
Concen: 41.988 ng
RT: 6.810 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09



Tgt Ion:146 Resp: 279834
Ion Ratio Lower Upper
146 100
148 65.7 50.9 76.3
75 39.5 28.4 42.6





#13

1,4-Dichlorobenzene

Concen: 41.852 ng

RT: 6.886 min Scan# 782

Delta R.T. -0.000 min

Lab File: BF127350.D

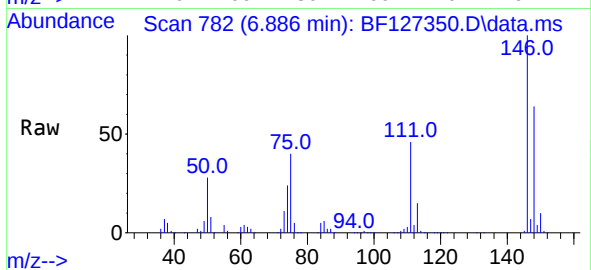
Acq: 16 Mar 2022 16:09

Instrument :

BNA_F

ClientSampleId :

PB143392BS



Tgt Ion:146 Resp: 279810

Ion Ratio Lower Upper

146 100

148 64.2 49.8 74.6

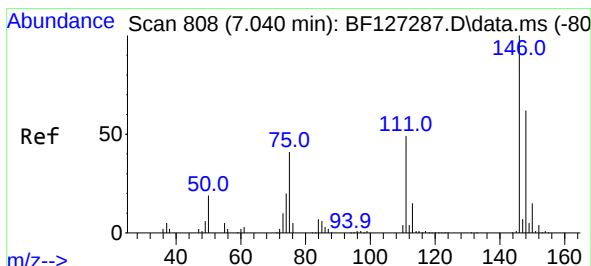
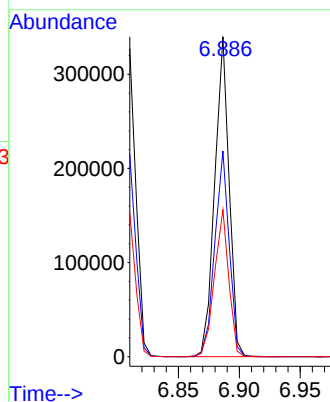
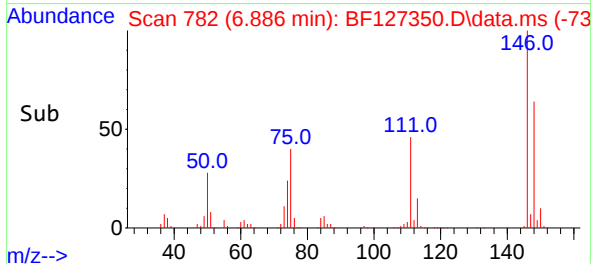
111 45.9 36.1 54.1

Manual Integrations

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Reviewed By :Christian Giraldo 03/17/2022

Supervised By :Jagrut Upadhyay 03/17/2022



#14

1,2-Dichlorobenzene

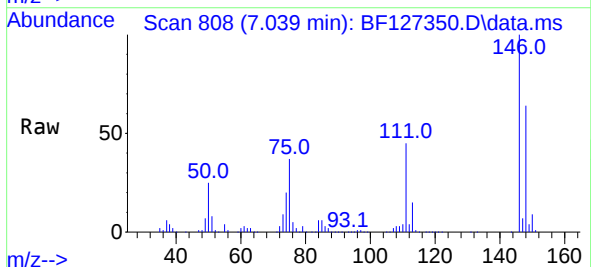
Concen: 42.856 ng

RT: 7.039 min Scan# 808

Delta R.T. -0.000 min

Lab File: BF127350.D

Acq: 16 Mar 2022 16:09



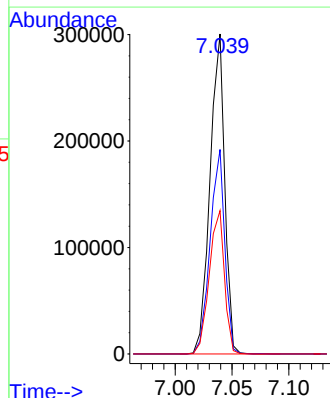
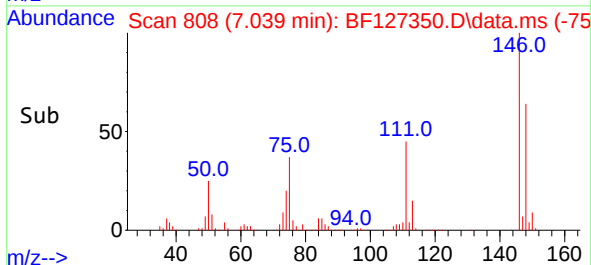
Tgt Ion:146 Resp: 269670

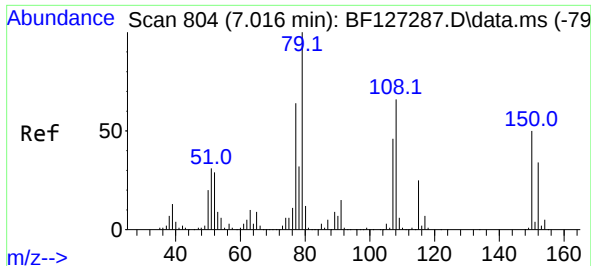
Ion Ratio Lower Upper

146 100

148 63.9 51.6 77.4

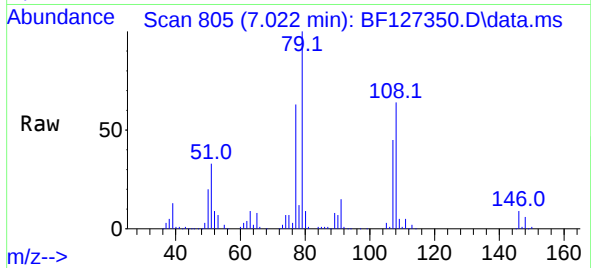
111 44.8 40.2 60.2





#15
Benzyl Alcohol
Concen: 43.189 ng
RT: 7.022 min Scan# 804
Delta R.T. 0.006 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09

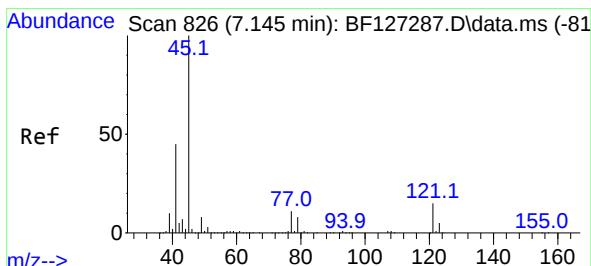
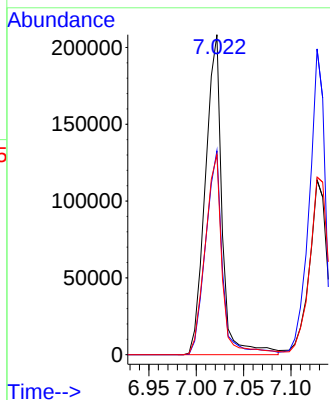
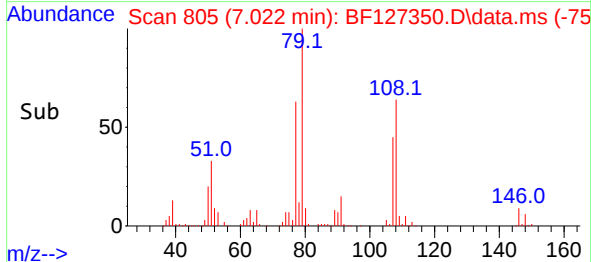
Instrument :
BNA_F
ClientSampleId :
PB143392BS



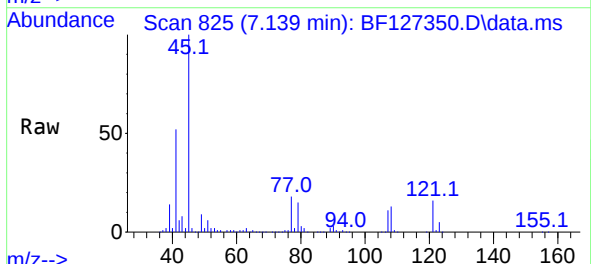
Tgt Ion: 79 Resp: 255570
Ion Ratio Lower Upper
79 100
108 63.7 63.2 94.8
77 62.5 49.4 74.2

Manual Integrations
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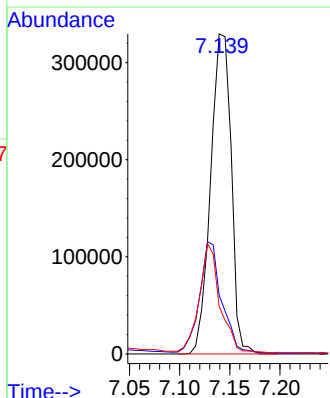
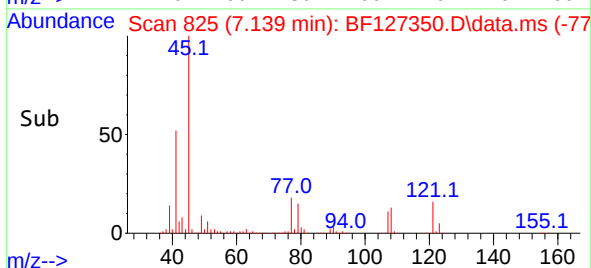
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

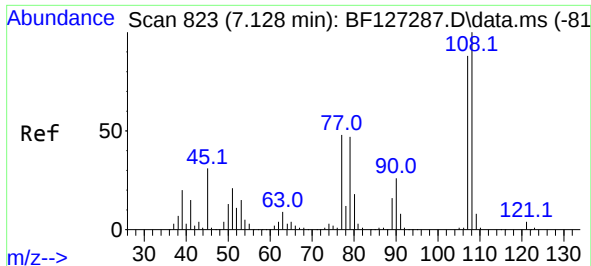


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.970 ng
RT: 7.139 min Scan# 825
Delta R.T. -0.006 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09



Tgt Ion: 45 Resp: 471015
Ion Ratio Lower Upper
45 100
77 18.3 0.0 32.4
79 14.9 0.0 29.8





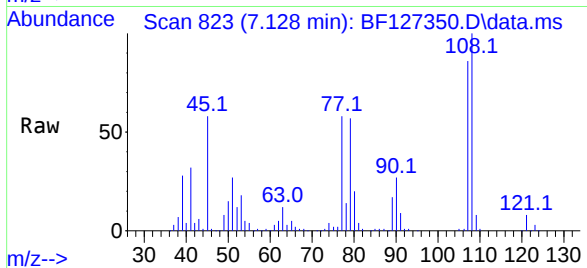
#17
2-Methylphenol
Concen: 41.918 ng
RT: 7.128 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09

Instrument :

BNA_F

ClientSampleId :

PB143392BS

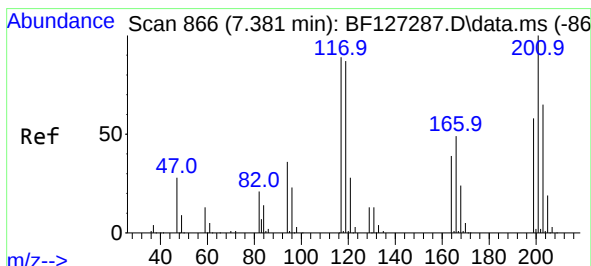
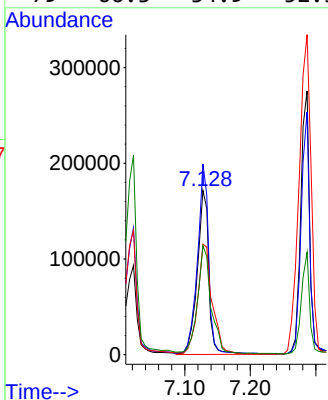
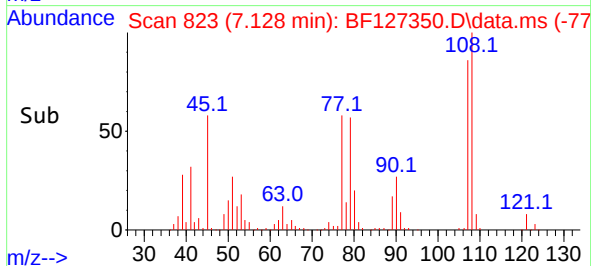


Tgt Ion:107 Resp: 211579
Ion Ratio Lower Upper
107 100
108 116.0 93.4 140.0
77 67.4 36.1 54.1
79 66.3 34.9 52.3#

Manual Integrations

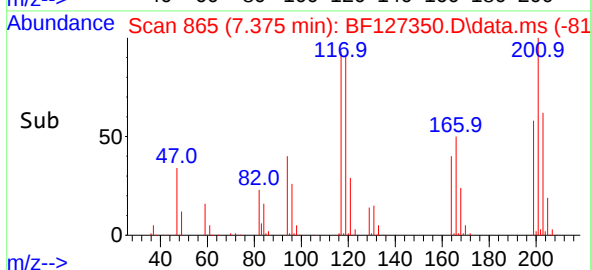
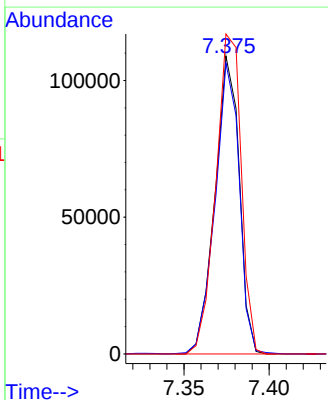
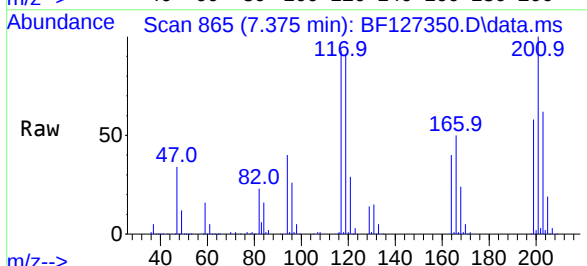
APPROVED

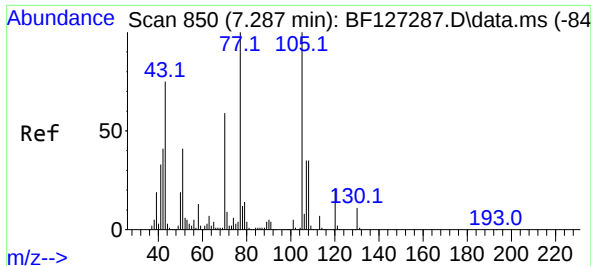
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#18
Hexachloroethane
Concen: 41.978 ng
RT: 7.375 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09

Tgt Ion:117 Resp: 107813
Ion Ratio Lower Upper
117 100
119 97.6 75.4 113.0
201 107.5 56.8 85.2#





#19
n-Nitroso-di-n-propylamine
Concen: 42.444 ng
RT: 7.292 min Scan# 851
Delta R.T. 0.006 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09

Instrument :

BNA_F

ClientSampleId :

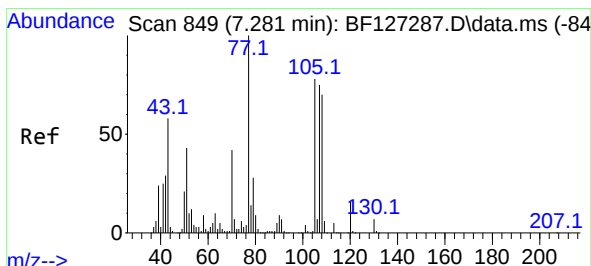
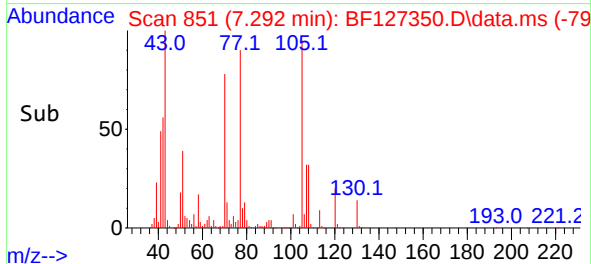
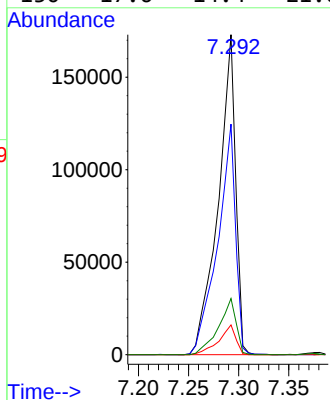
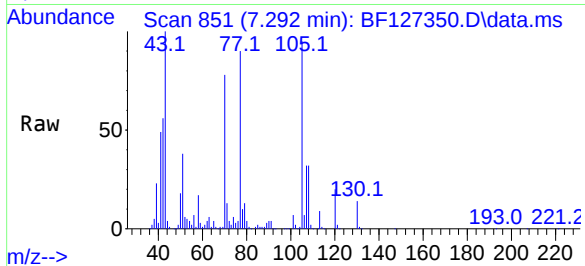
PB143392BS

Tgt Ion: 70 Resp: 20911
Ion Ratio Lower Upper
70 100
42 72.0 45.8 68.8
101 9.3 6.9 10.3
130 17.6 14.4 21.6

Manual Integrations

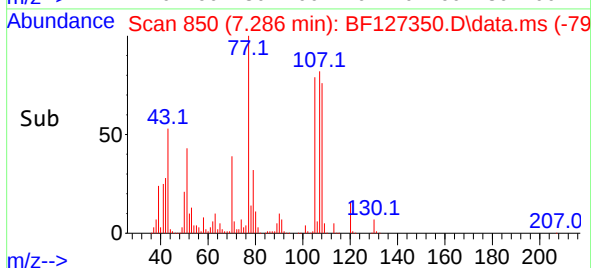
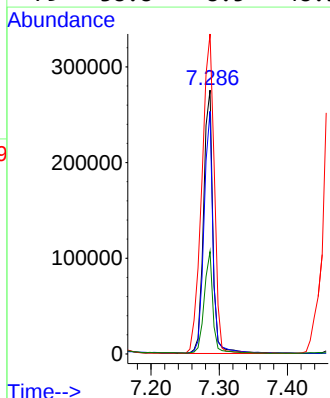
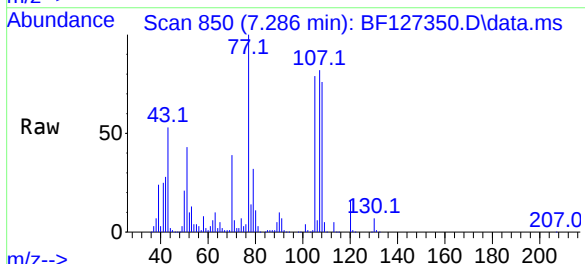
APPROVED

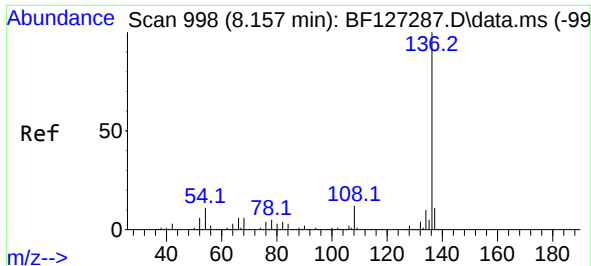
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#20
3+4-Methylphenols
Concen: 40.080 ng
RT: 7.286 min Scan# 850
Delta R.T. 0.006 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09

Tgt Ion:107 Resp: 262353
Ion Ratio Lower Upper
107 100
108 92.0 72.4 112.4
77 121.3 83.8 123.8
79 38.8 8.5 48.5





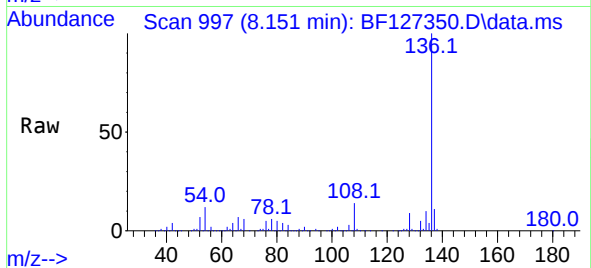
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09

Instrument :

BNA_F

ClientSampleId :

PB143392BS

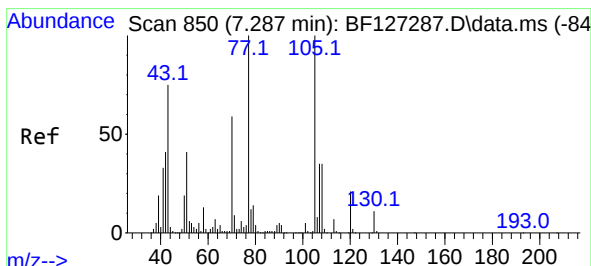
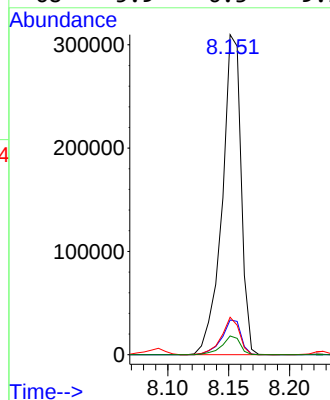
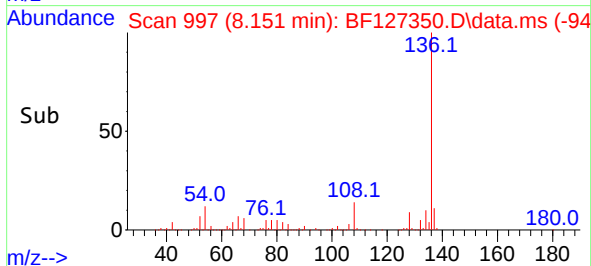


Tgt Ion:136 Resp: 33584
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 11.7 7.8 11.6
68 5.9 6.3 9.5#

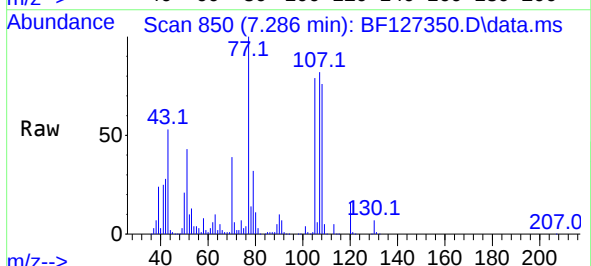
Manual Integrations

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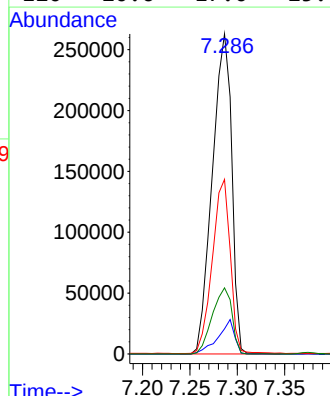
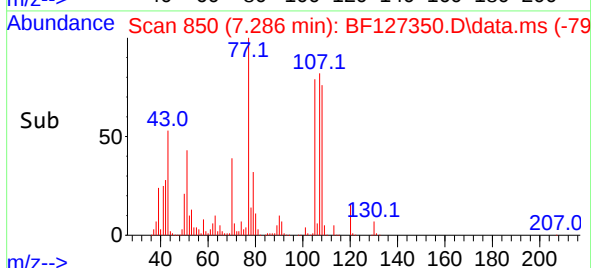
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

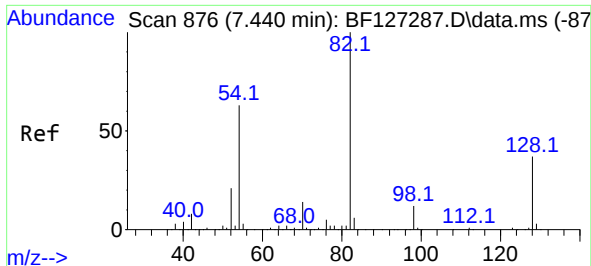


#22
Acetophenone
Concen: 40.708 ng
RT: 7.286 min Scan# 850
Delta R.T. -0.000 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09



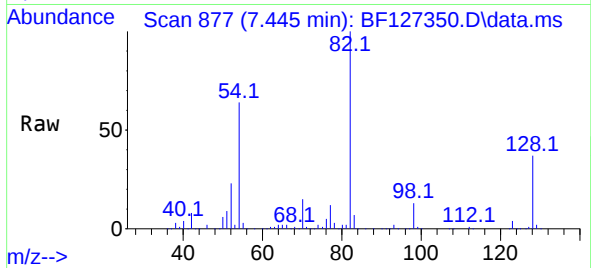
Tgt Ion:105 Resp: 374319
Ion Ratio Lower Upper
105 100
71 7.8 5.4 8.0
51 54.6 27.4 41.0#
120 20.6 17.0 25.6





#23
Nitrobenzene-d5
Concen: 79.211 ng
RT: 7.445 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09

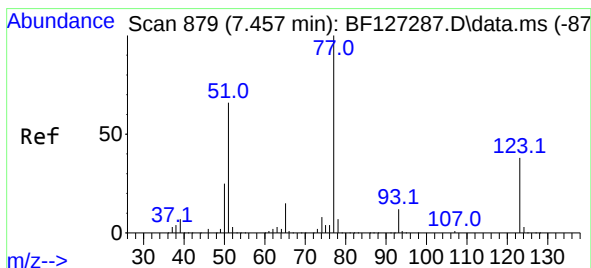
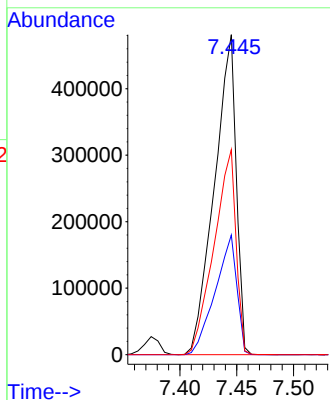
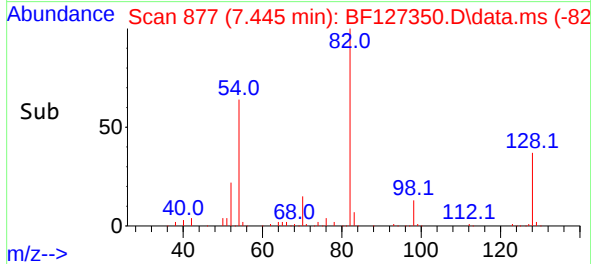
Instrument :
BNA_F
ClientSampleId :
PB143392BS



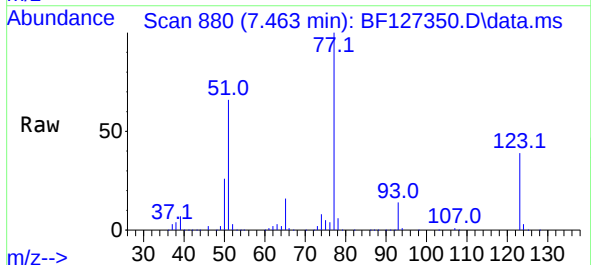
Tgt Ion: 82 Resp: 644150
Ion Ratio Lower Upper
82 100
128 37.4 32.7 49.1
54 64.1 41.7 62.5

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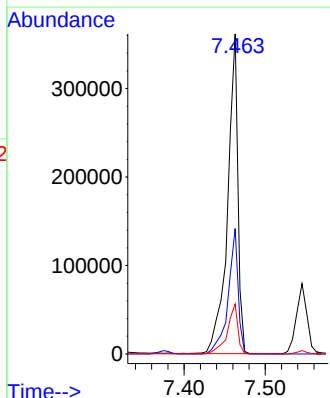
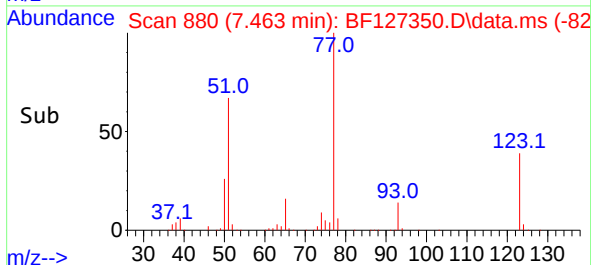
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

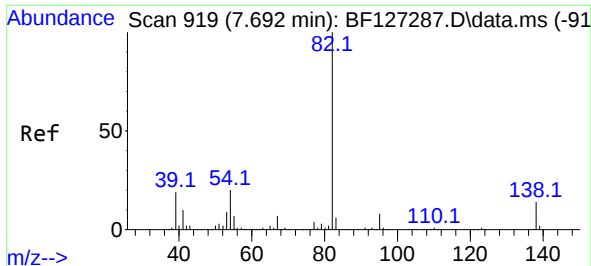


#24
Nitrobenzene
Concen: 41.683 ng
RT: 7.463 min Scan# 880
Delta R.T. 0.006 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09



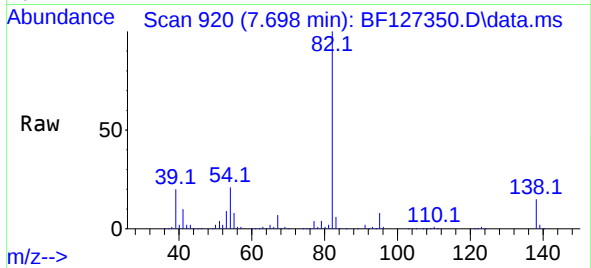
Tgt Ion: 77 Resp: 320604
Ion Ratio Lower Upper
77 100
123 39.2 34.6 52.0
65 15.6 10.6 15.8





#25
Isophorone
Concen: 43.332 ng
RT: 7.698 min Scan# 919
Delta R.T. 0.006 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09

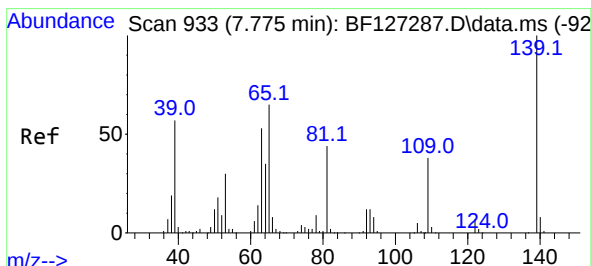
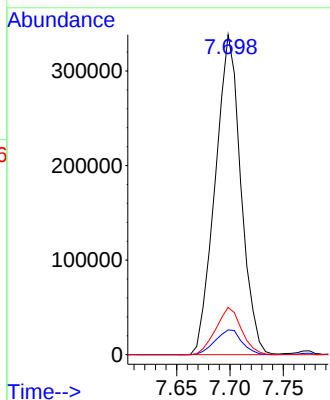
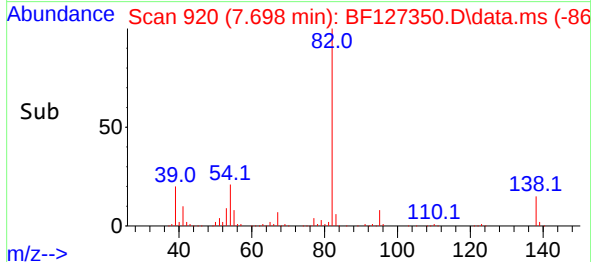
Instrument :
BNA_F
ClientSampleId :
PB143392BS



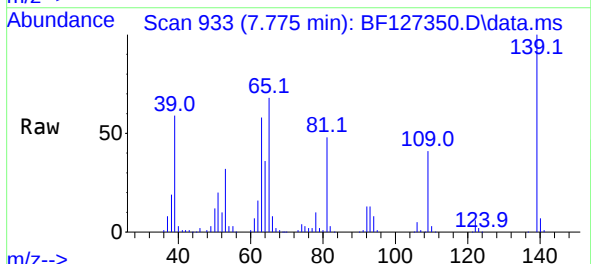
Tgt Ion: 82 Resp: 566624
Ion Ratio Lower Upper
82 100
95 7.7 5.0 7.4#
138 14.8 12.3 18.5

Manual Integrations
APPROVED

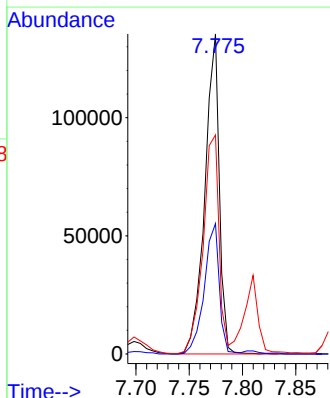
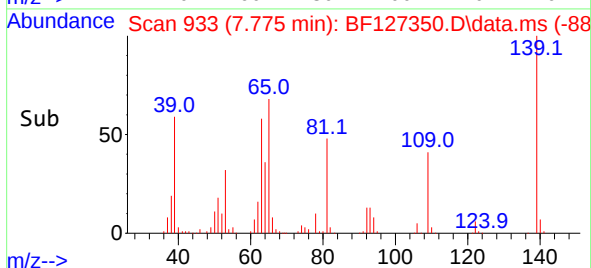
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

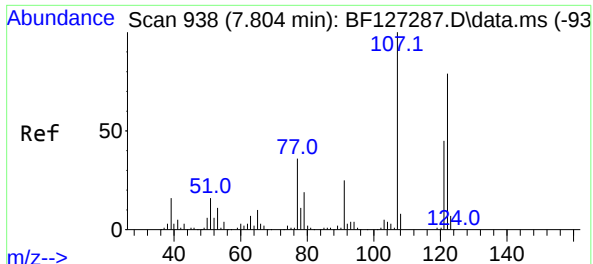


#26
2-Nitrophenol
Concen: 40.335 ng
RT: 7.775 min Scan# 933
Delta R.T. -0.000 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09



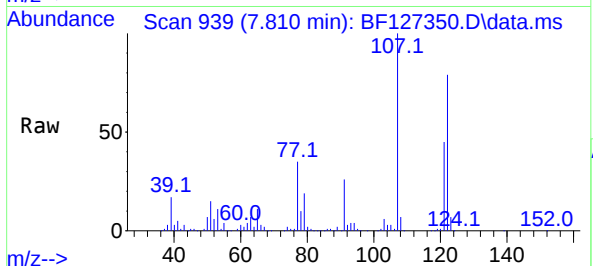
Tgt Ion:139 Resp: 128476
Ion Ratio Lower Upper
139 100
109 40.7 20.0 30.0#
65 68.5 40.8 61.2#





#27
2,4-Dimethylphenol
Concen: 46.608 ng m
RT: 7.810 min Scan# 910
Delta R.T. 0.006 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09

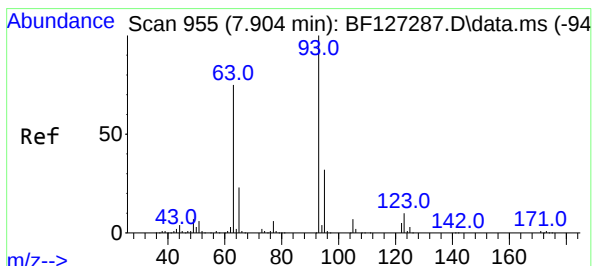
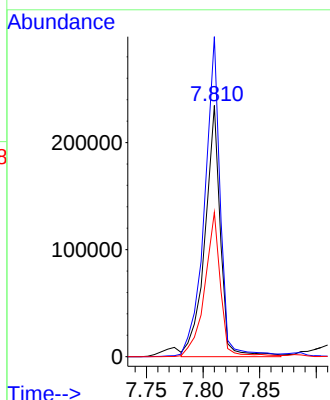
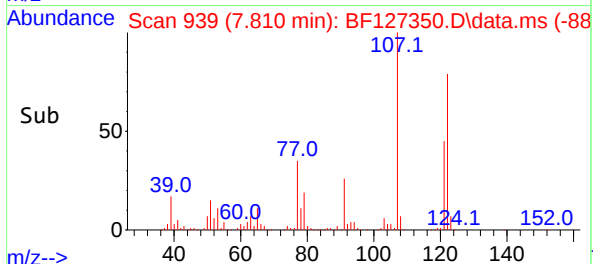
Instrument :
BNA_F
ClientSampleId :
PB143392BS



Tgt Ion:122 Resp: 222862
Ion Ratio Lower Upper
122 100
107 127.4 91.2 136.8
121 57.5 44.4 66.6

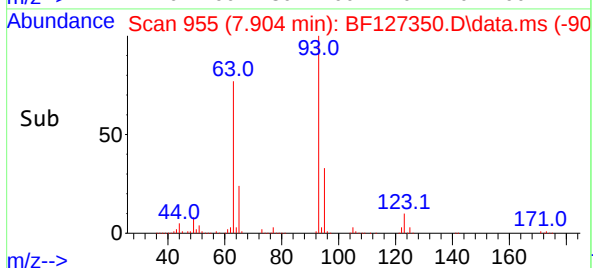
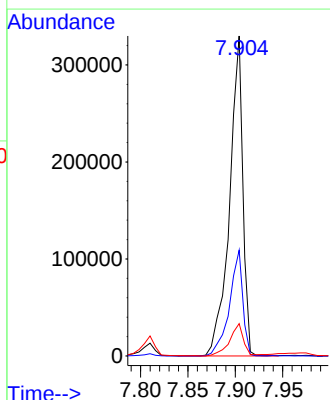
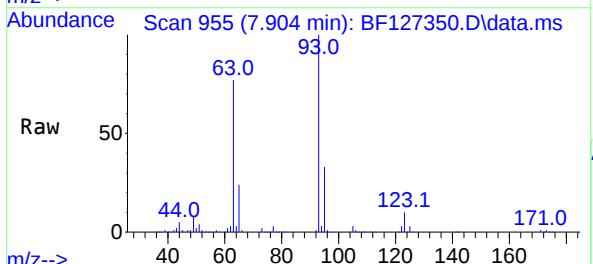
Manual Integrations
APPROVED

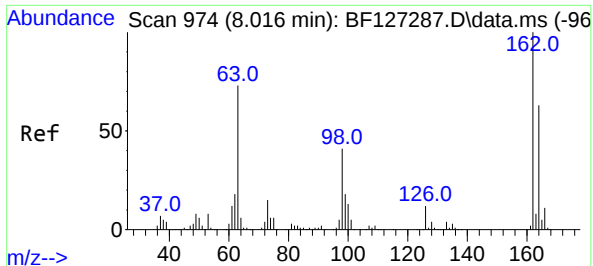
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#28
bis(2-Chloroethoxy)methane
Concen: 39.155 ng
RT: 7.904 min Scan# 955
Delta R.T. -0.000 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09

Tgt Ion: 93 Resp: 324416
Ion Ratio Lower Upper
93 100
95 33.1 25.4 38.2
123 10.1 8.9 13.3





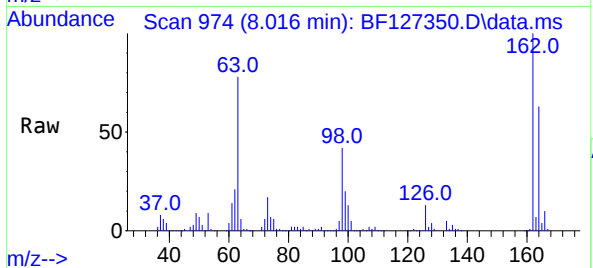
#29
2,4-Dichlorophenol
Concen: 42.231 ng
RT: 8.016 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09

Instrument :

BNA_F

ClientSampleId :

PB143392BS

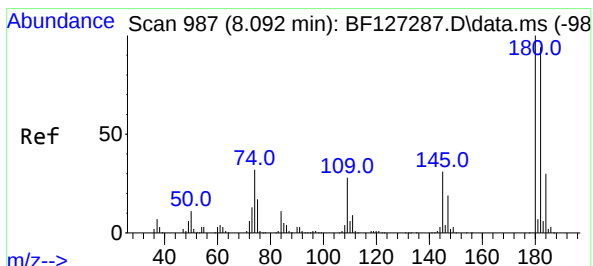
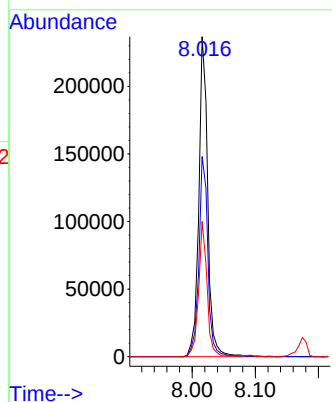


Tgt Ion:162 Resp: 231250
Ion Ratio Lower Upper
162 100
164 62.5 43.8 83.8
98 42.3 23.6 63.6

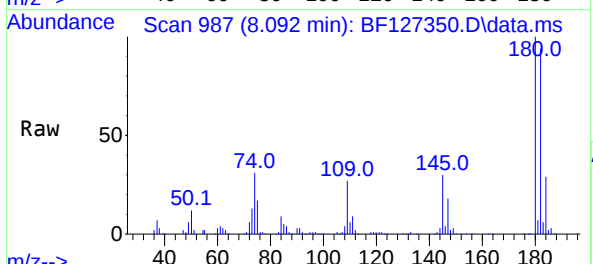
Manual Integrations

APPROVED

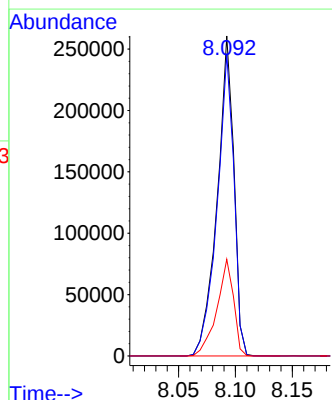
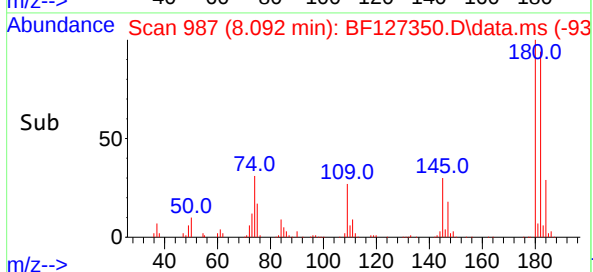
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

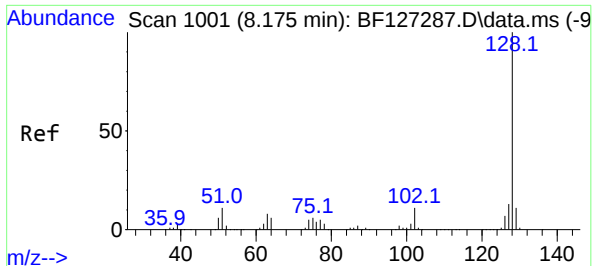


#30
1,2,4-Trichlorobenzene
Concen: 42.754 ng
RT: 8.092 min Scan# 987
Delta R.T. -0.000 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09



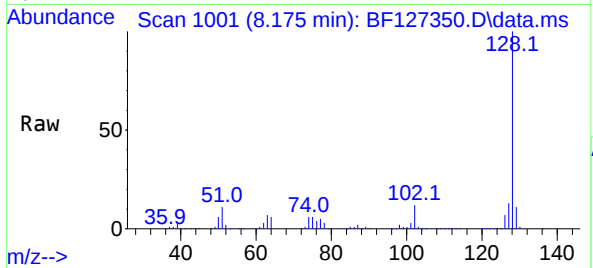
Tgt Ion:180 Resp: 266904
Ion Ratio Lower Upper
180 100
182 94.4 75.5 113.3
145 30.2 26.2 39.2





#31
Naphthalene
Concen: 41.295 ng
RT: 8.175 min Scan# 1001
Delta R.T. -0.000 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09

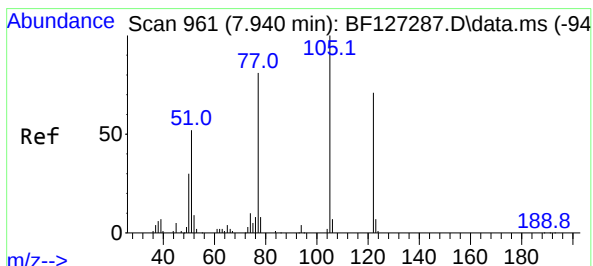
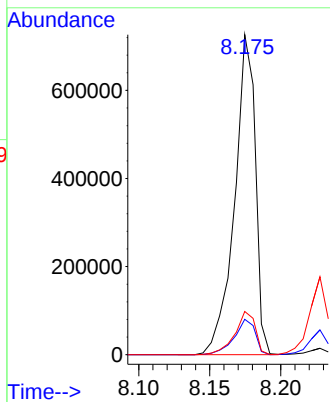
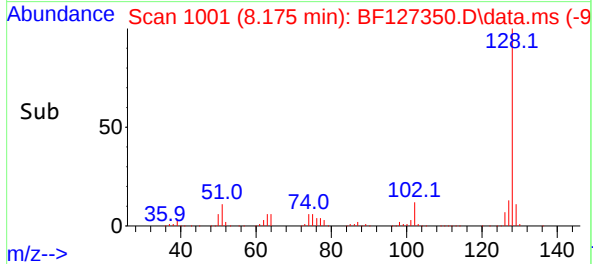
Instrument :
BNA_F
ClientSampleId :
PB143392BS



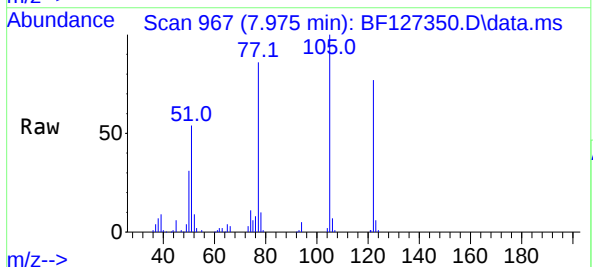
Tgt Ion:128 Resp: 739797
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.5 10.3 15.5

Manual Integrations
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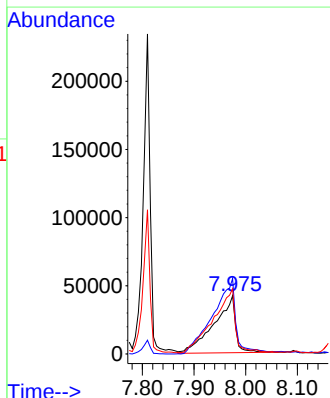
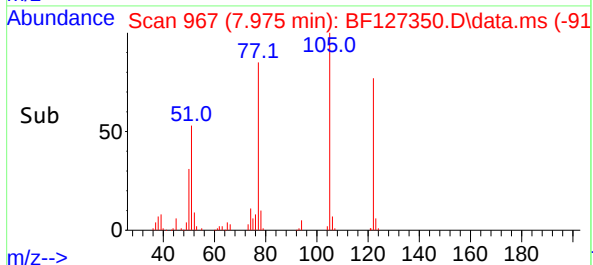
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

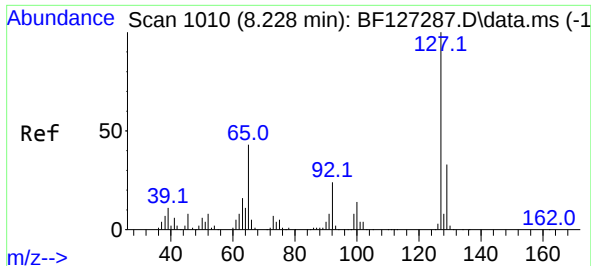


#32
Benzoic acid
Concen: 38.092 ng
RT: 7.975 min Scan# 967
Delta R.T. 0.035 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09



Tgt Ion:122 Resp: 121331
Ion Ratio Lower Upper
122 100
105 129.5 101.0 141.0
77 111.8 74.5 114.5





#33
4-Chloroaniline
Concen: 24.870 ng
RT: 8.228 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09

Instrument :

BNA_F

ClientSampleId :

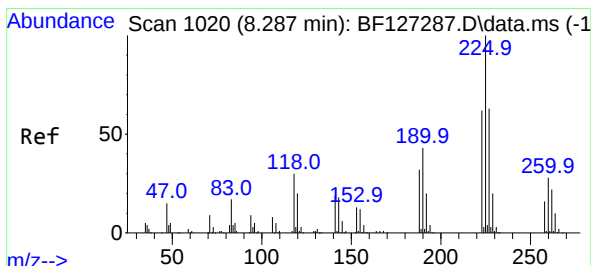
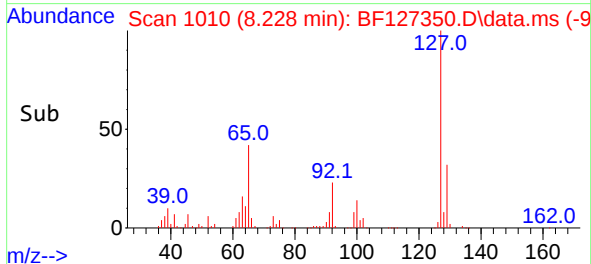
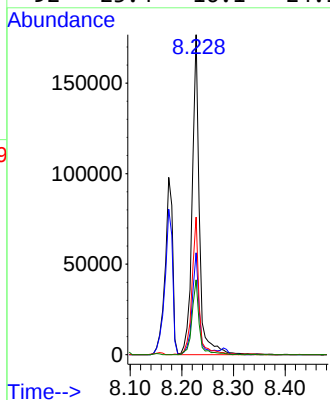
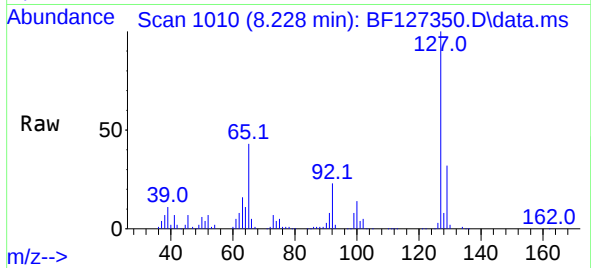
PB143392BS

Tgt Ion:127 Resp: 172700
Ion Ratio Lower Upper
127 100
129 31.8 26.5 39.7
65 43.0 26.6 39.8
92 23.4 16.1 24.1

Manual Integrations

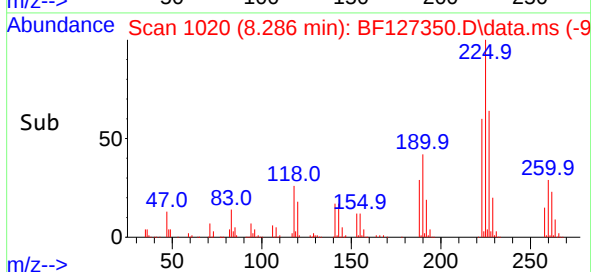
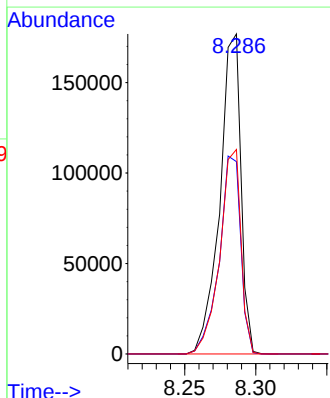
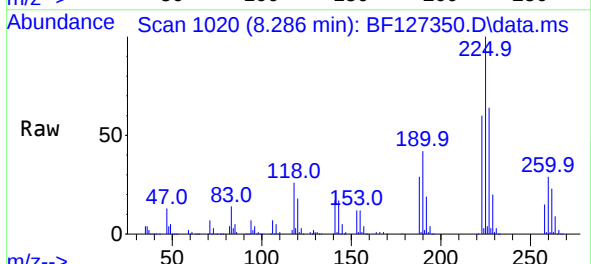
APPROVED

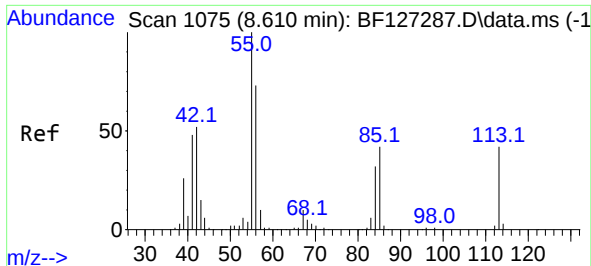
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#34
Hexachlorobutadiene
Concen: 43.943 ng
RT: 8.286 min Scan# 1020
Delta R.T. -0.000 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09

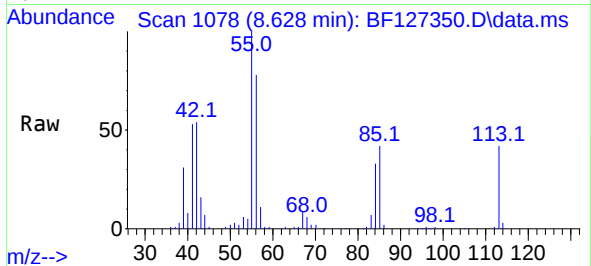
Tgt Ion:225 Resp: 182935
Ion Ratio Lower Upper
225 100
223 60.1 48.6 73.0
227 63.9 51.4 77.0





#35
Caprolactam
Concen: 44.360 ng m
RT: 8.628 min Scan# 1075
Delta R.T. 0.018 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09

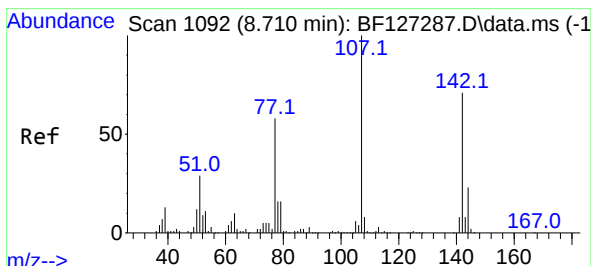
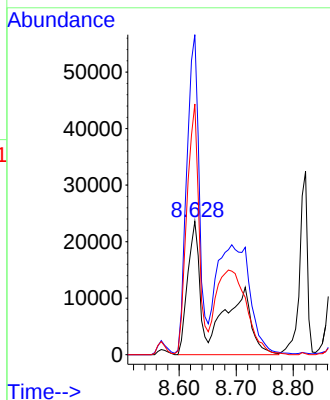
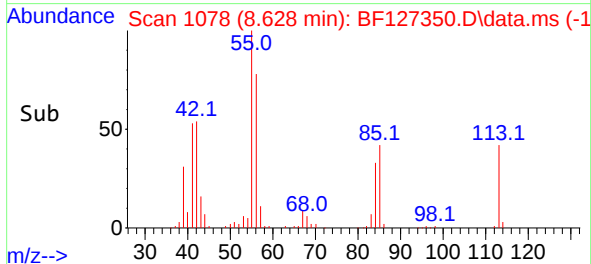
Instrument :
BNA_F
ClientSampleId :
PB143392BS



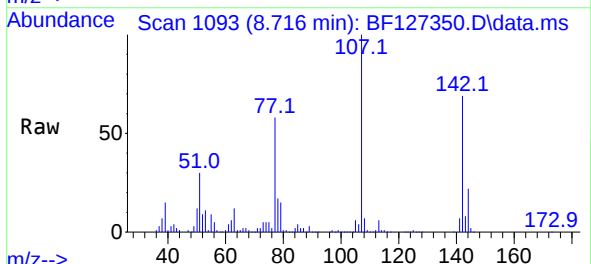
Tgt Ion:113 Resp: 7256
Ion Ratio Lower Upper
113 100
55 240.2 183.9 223.9
56 188.2 129.9 169.9

Manual Integrations
APPROVED

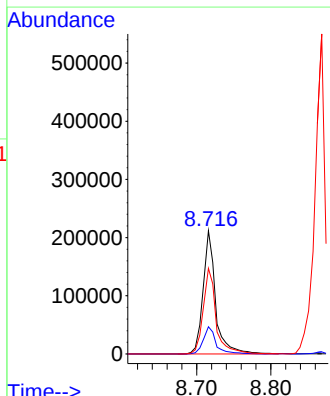
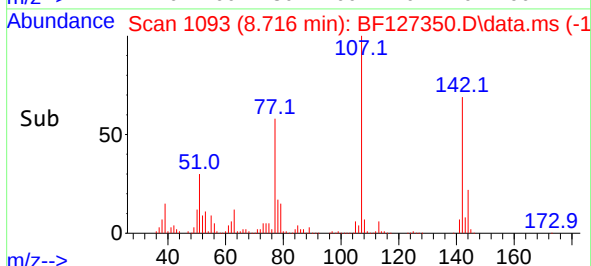
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

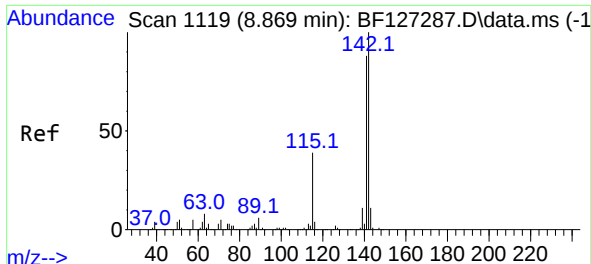


#36
4-Chloro-3-methylphenol
Concen: 42.201 ng
RT: 8.716 min Scan# 1093
Delta R.T. 0.006 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09



Tgt Ion:107 Resp: 250465
Ion Ratio Lower Upper
107 100
144 22.1 18.5 27.7
142 69.5 58.1 87.1





#37

2-Methylnaphthalene

Concen: 43.553 ng

RT: 8.869 min Scan# 1119

Delta R.T. -0.000 min

Lab File: BF127350.D

Acq: 16 Mar 2022 16:09

Instrument :

BNA_F

ClientSampleId :

PB143392BS

Tgt Ion:142 Resp: 50983

Ion Ratio Lower Upper

142 100

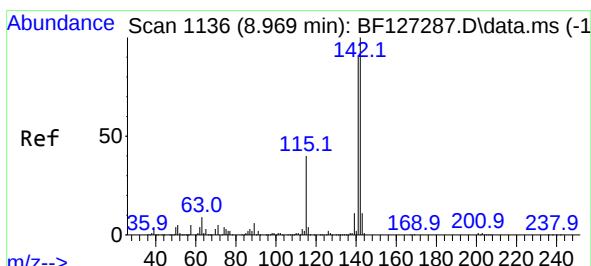
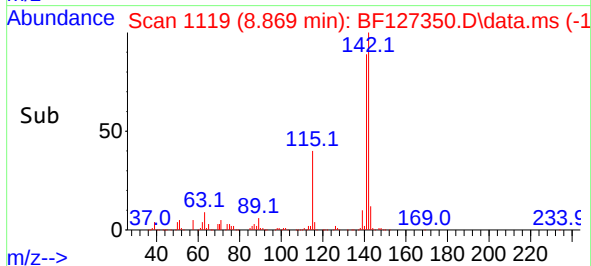
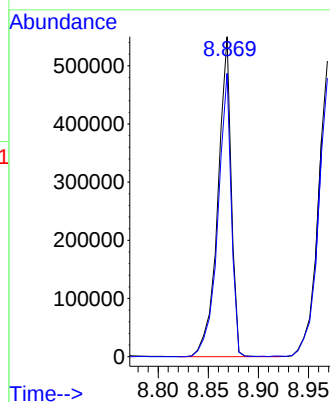
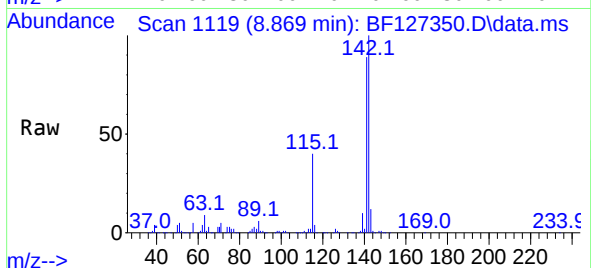
141 88.6 68.6 102.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/17/2022

Supervised By :Jagrut Upadhyay 03/17/2022



#38

1-Methylnaphthalene

Concen: 42.126 ng

RT: 8.969 min Scan# 1136

Delta R.T. -0.000 min

Lab File: BF127350.D

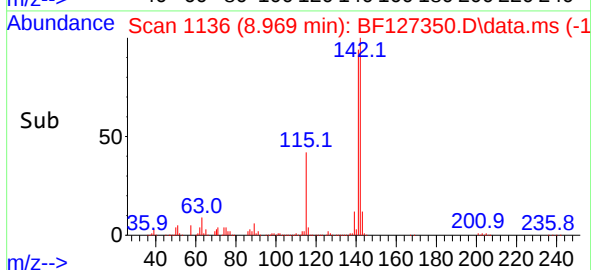
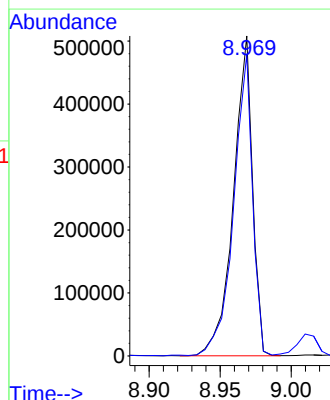
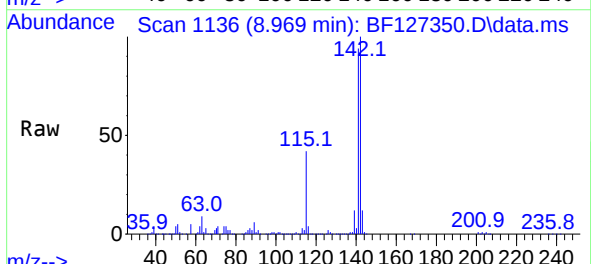
Acq: 16 Mar 2022 16:09

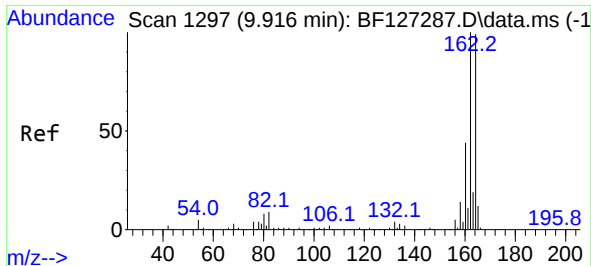
Tgt Ion:142 Resp: 474069

Ion Ratio Lower Upper

142 100

141 94.3 72.1 108.1





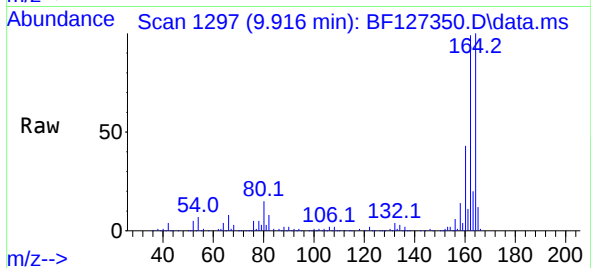
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09

Instrument :

BNA_F

ClientSampleId :

PB143392BS

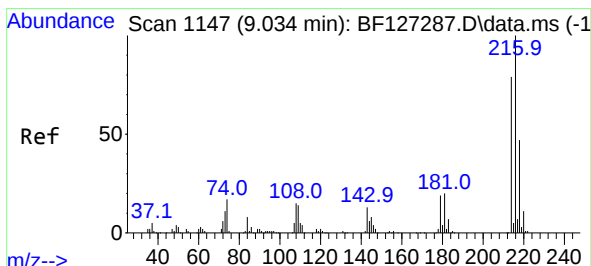
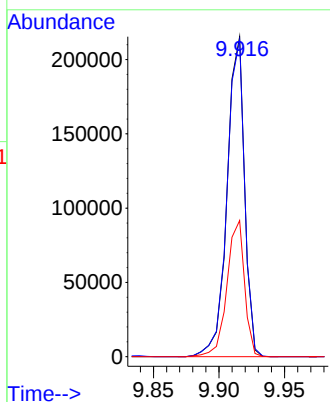
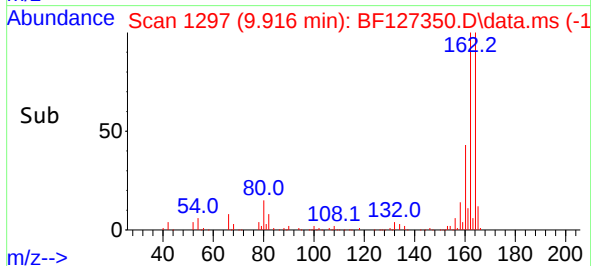


Tgt Ion:164 Resp: 199149
Ion Ratio Lower Upper
164 100
162 99.0 81.4 122.0
160 42.5 36.6 54.8

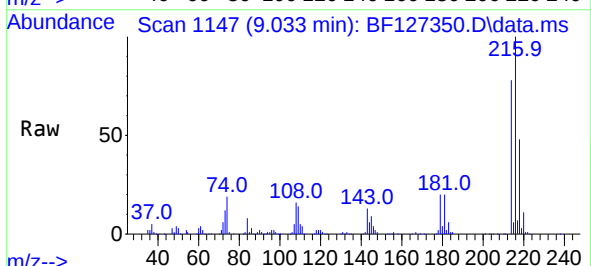
Manual Integrations

APPROVED

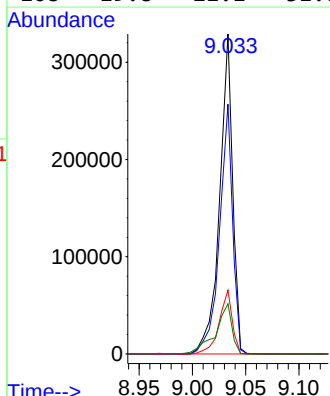
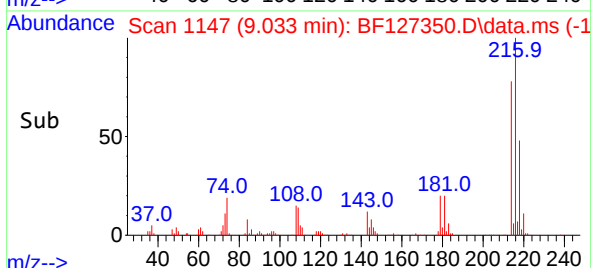
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

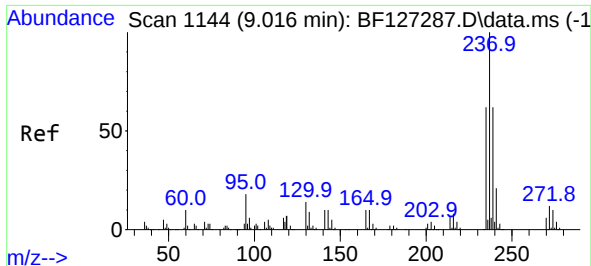


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.314 ng
RT: 9.033 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09



Tgt Ion:216 Resp: 279375
Ion Ratio Lower Upper
216 100
214 78.6 64.6 96.8
179 20.0 19.5 29.3
108 19.8 21.1 31.7#





#41
Hexachlorocyclopentadiene
Concen: 112.504 ng
RT: 9.016 min Scan# 1144
Delta R.T. -0.000 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09

Instrument :

BNA_F

ClientSampleId :

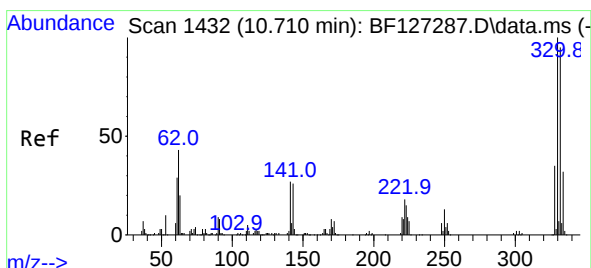
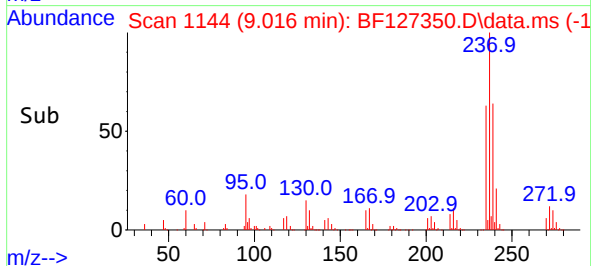
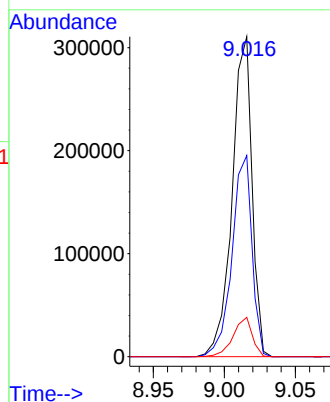
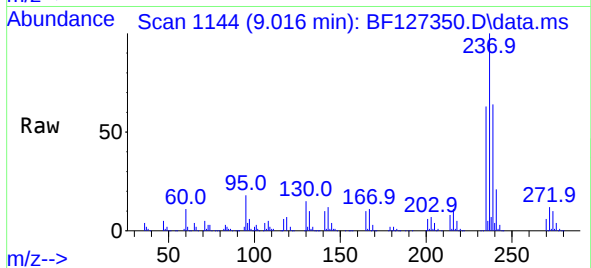
PB143392BS

Tgt Ion:237 Resp: 302820
Ion Ratio Lower Upper
237 100
235 62.8 38.9 78.9
272 12.3 0.0 33.5

Manual Integrations

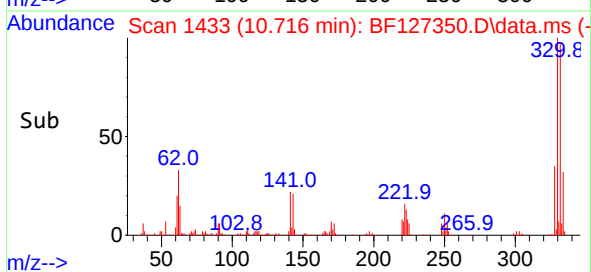
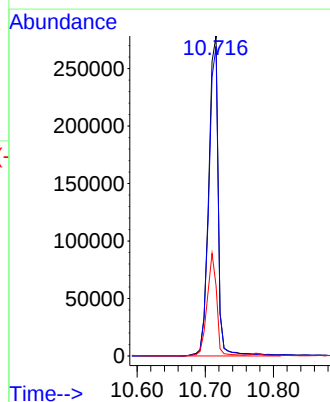
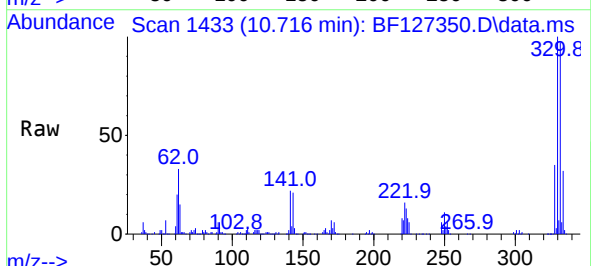
APPROVED

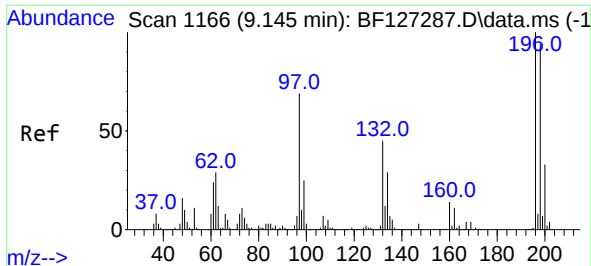
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#42
2,4,6-Tribromophenol
Concen: 127.182 ng
RT: 10.716 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09

Tgt Ion:330 Resp: 272655
Ion Ratio Lower Upper
330 100
332 95.5 76.0 114.0
141 32.0 30.1 45.1





#43
2,4,6-Trichlorophenol
Concen: 41.145 ng
RT: 9.151 min Scan# 1166
Delta R.T. 0.006 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09

Instrument :

BNA_F

ClientSampleId :

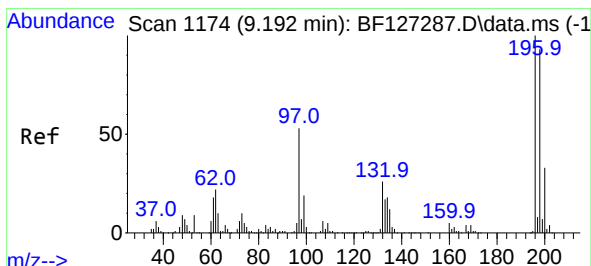
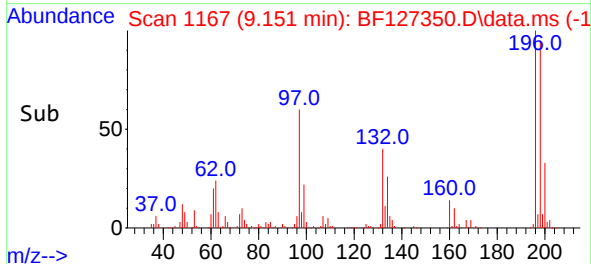
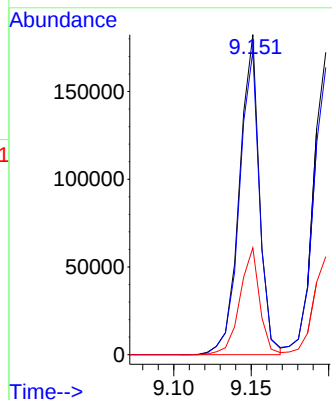
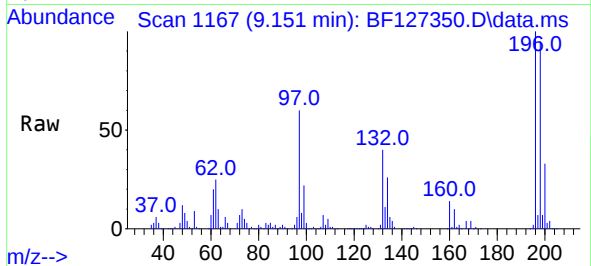
PB143392BS

Tgt Ion:196 Resp: 163710
Ion Ratio Lower Upper
196 100
198 94.8 78.5 117.7
200 33.4 24.9 37.3

Manual Integrations

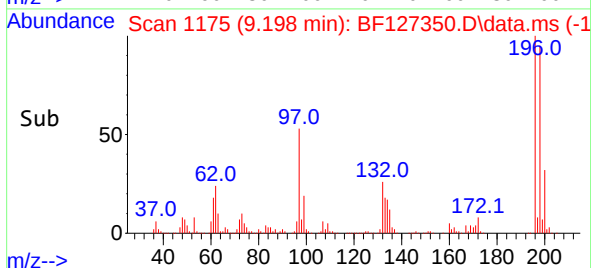
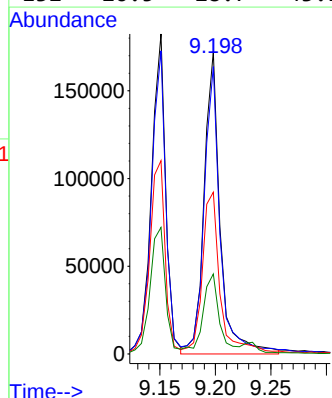
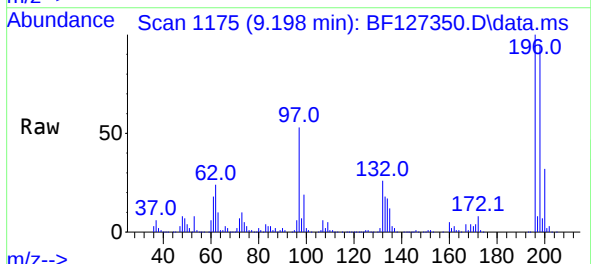
APPROVED

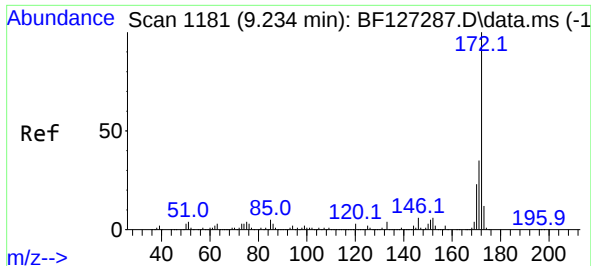
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#44
2,4,5-Trichlorophenol
Concen: 41.237 ng m
RT: 9.198 min Scan# 1175
Delta R.T. 0.006 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09

Tgt Ion:196 Resp: 174145
Ion Ratio Lower Upper
196 100
198 95.0 82.0 123.0
97 53.5 53.5 80.3#
132 26.5 28.7 43.1#





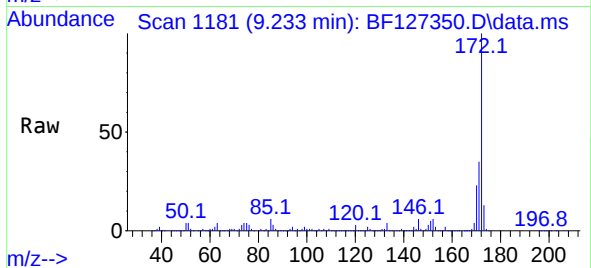
#45
2-Fluorobiphenyl
Concen: 82.613 ng
RT: 9.233 min Scan# 1181
Delta R.T. -0.000 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09

Instrument :

BNA_F

ClientSampleId :

PB143392BS

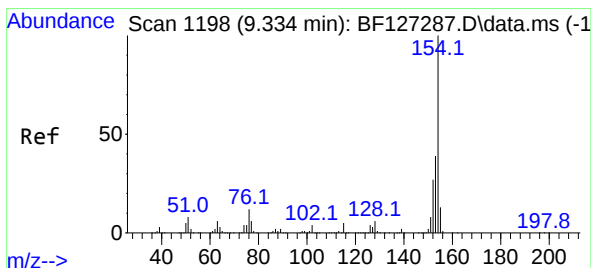
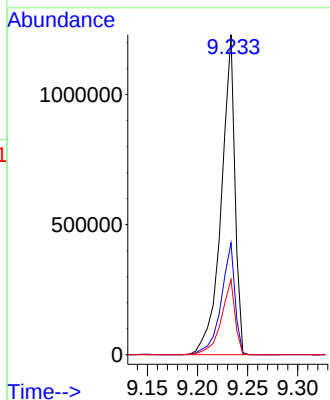
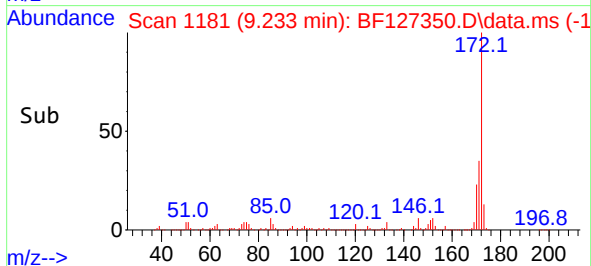


Tgt Ion:172 Resp: 1163702
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 23.5 19.0 28.6

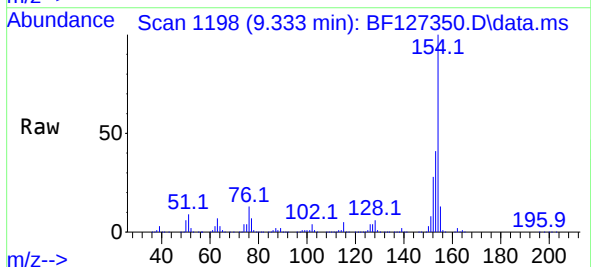
Manual Integrations

APPROVED

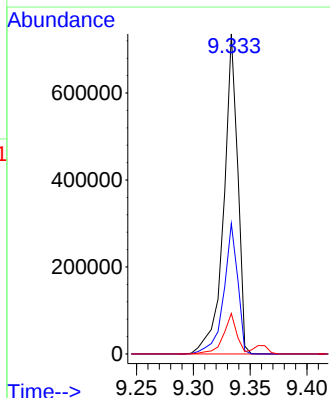
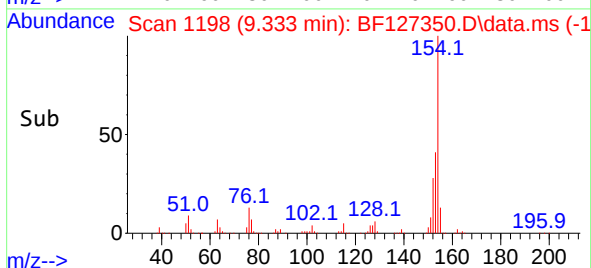
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

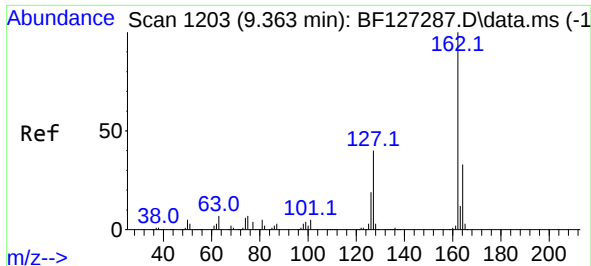


#46
1,1'-Biphenyl
Concen: 41.777 ng
RT: 9.333 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09



Tgt Ion:154 Resp: 627927
Ion Ratio Lower Upper
154 100
153 40.7 19.0 59.0
76 12.6 0.0 34.5





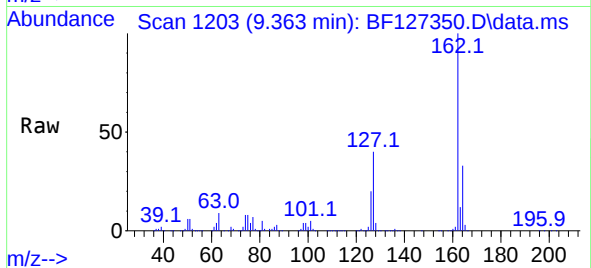
#47
2-Chloronaphthalene
Concen: 41.765 ng
RT: 9.363 min Scan# 1203
Delta R.T. -0.000 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09

Instrument :

BNA_F

ClientSampleId :

PB143392BS

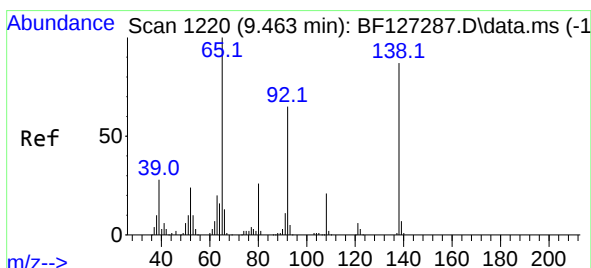
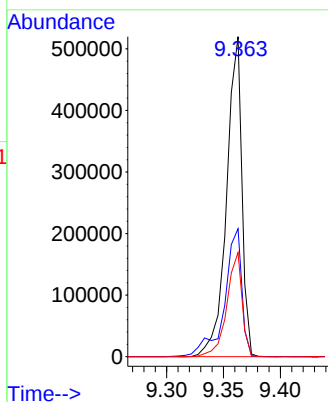
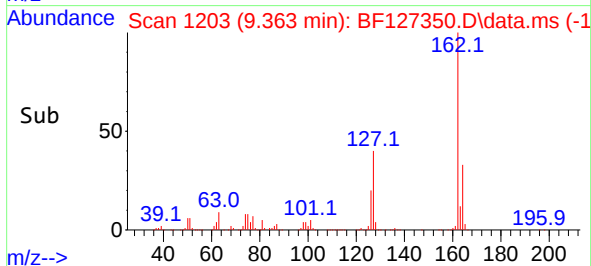


Tgt Ion:162 Resp: 48866
Ion Ratio Lower Upper
162 100
127 40.0 33.5 50.3
164 32.6 26.2 39.4

Manual Integrations

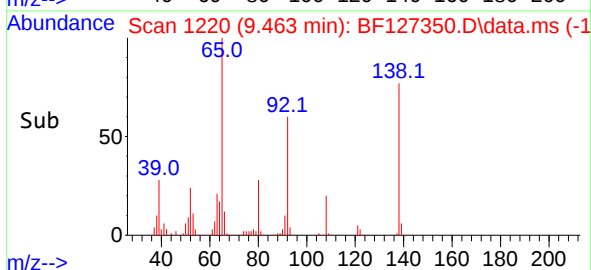
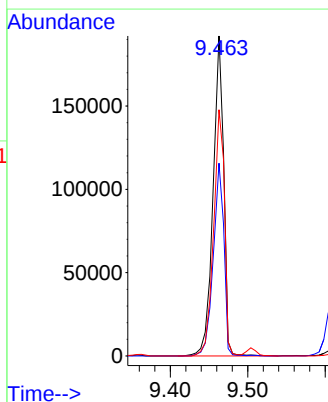
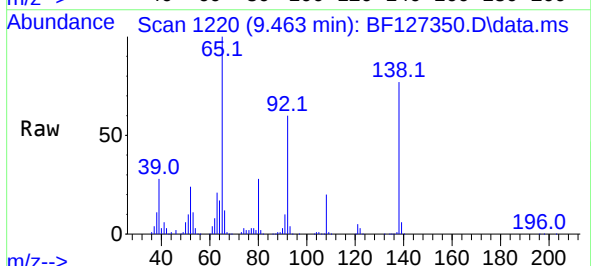
APPROVED

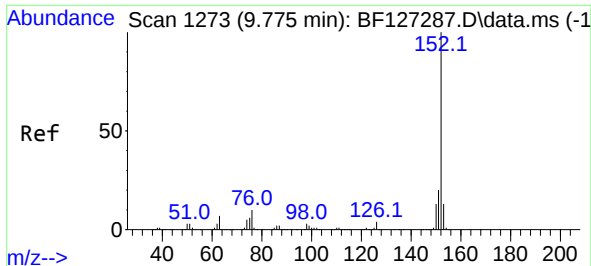
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#48
2-Nitroaniline
Concen: 40.595 ng
RT: 9.463 min Scan# 1220
Delta R.T. -0.000 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09

Tgt Ion: 65 Resp: 182750
Ion Ratio Lower Upper
65 100
92 60.3 54.4 81.6
138 77.0 72.5 108.7





#49

Acenaphthylene

Concen: 42.314 ng

RT: 9.780 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF127350.D

Acq: 16 Mar 2022 16:09

Instrument :

BNA_F

ClientSampleId :

PB143392BS

Tgt Ion:152 Resp: 75764

Ion Ratio Lower Upper

152 100

151 20.2 15.7 23.5

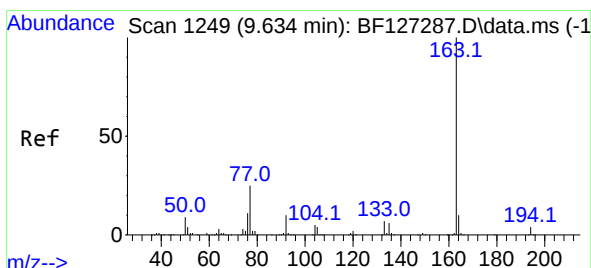
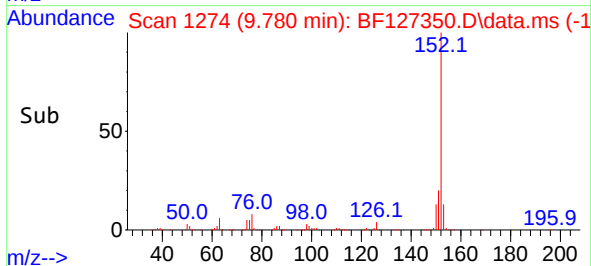
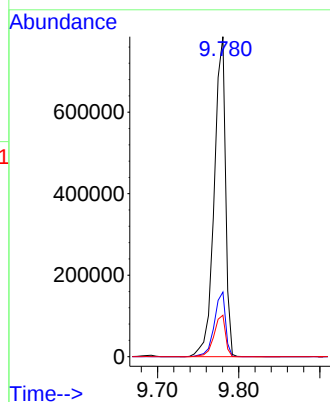
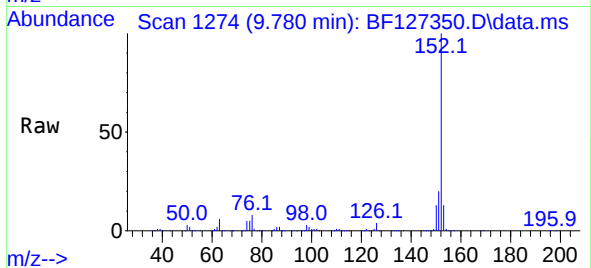
153 13.0 11.4 17.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/17/2022

Supervised By :Jagrut Upadhyay 03/17/2022



#50

Dimethylphthalate

Concen: 41.685 ng

RT: 9.639 min Scan# 1250

Delta R.T. 0.006 min

Lab File: BF127350.D

Acq: 16 Mar 2022 16:09

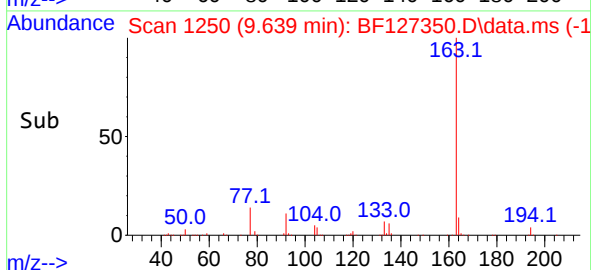
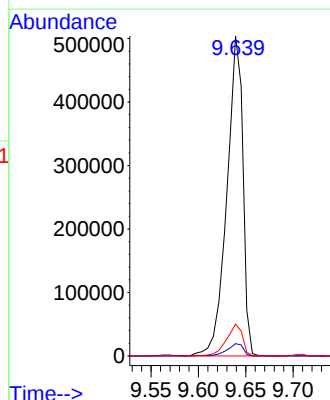
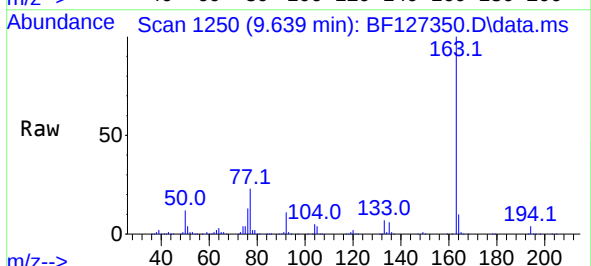
Tgt Ion:163 Resp: 594863

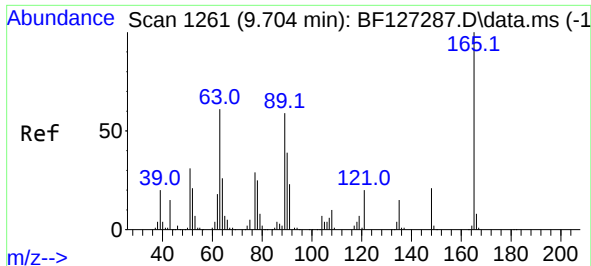
Ion Ratio Lower Upper

163 100

194 3.9 2.6 3.8#

164 9.9 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 43.314 ng
RT: 9.710 min Scan# 1261
Delta R.T. 0.006 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09

Instrument :

BNA_F

ClientSampleId :

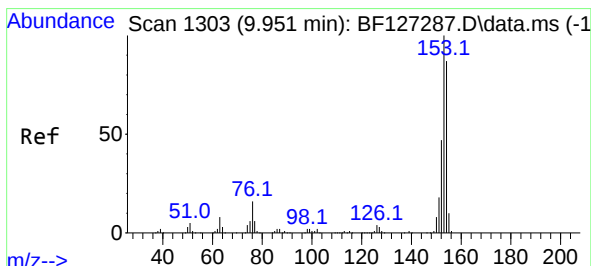
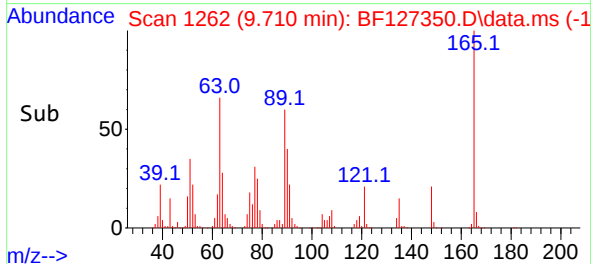
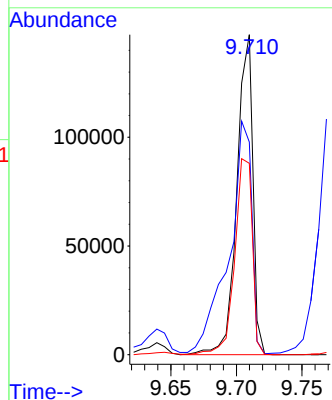
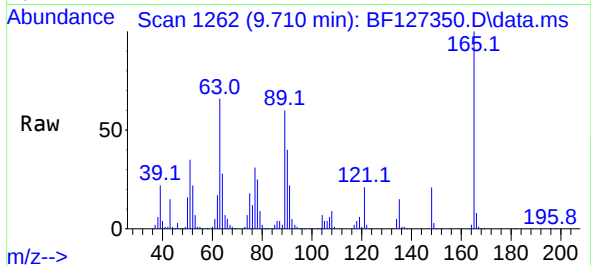
PB143392BS

Tgt Ion:165 Resp: 12503
Ion Ratio Lower Upper
165 100
63 66.5 48.4 72.6
89 59.8 50.5 75.7

Manual Integrations

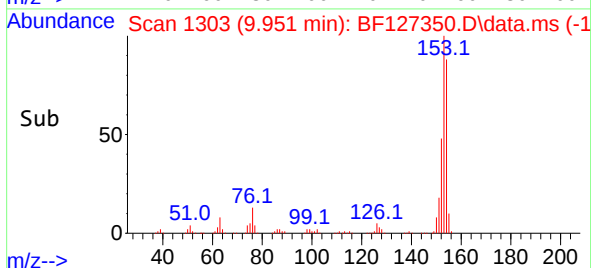
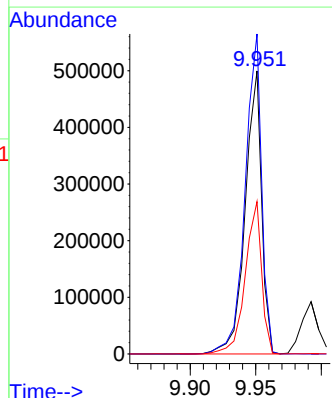
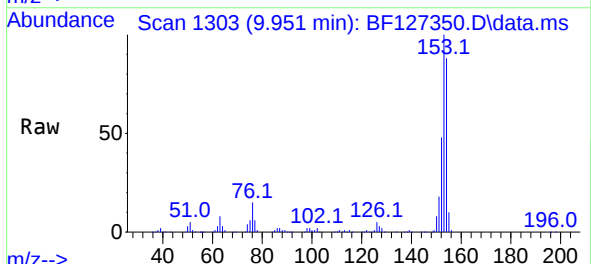
APPROVED

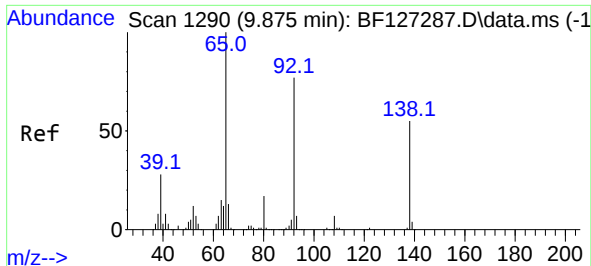
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#52
Acenaphthene
Concen: 40.958 ng
RT: 9.951 min Scan# 1303
Delta R.T. -0.000 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09

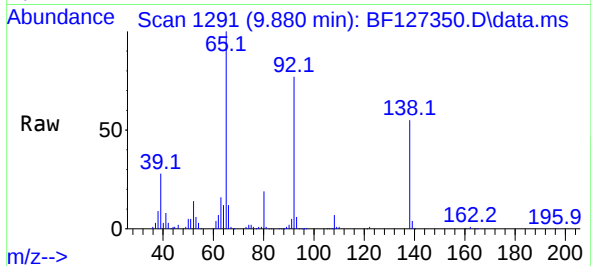
Tgt Ion:154 Resp: 437151
Ion Ratio Lower Upper
154 100
153 113.0 87.8 131.6
152 53.8 39.4 59.2





#53
3-Nitroaniline
Concen: 26.735 ng
RT: 9.880 min Scan# 1310
Delta R.T. 0.006 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09

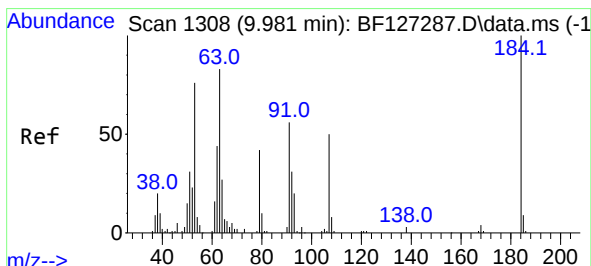
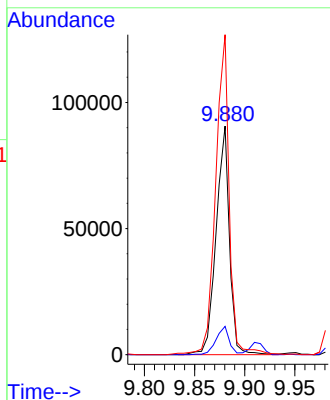
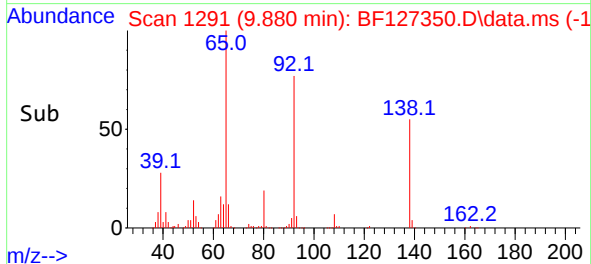
Instrument :
BNA_F
ClientSampleId :
PB143392BS



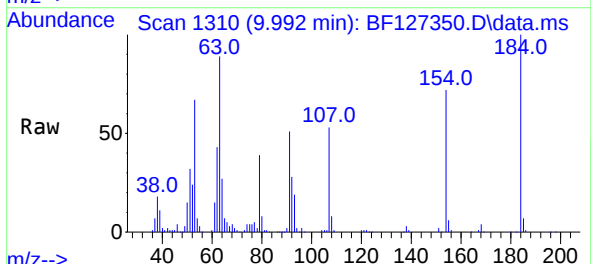
Tgt Ion:138 Resp: 84100
Ion Ratio Lower Upper
138 100
108 12.4 8.6 13.0
92 139.9 105.0 157.6

Manual Integrations
APPROVED

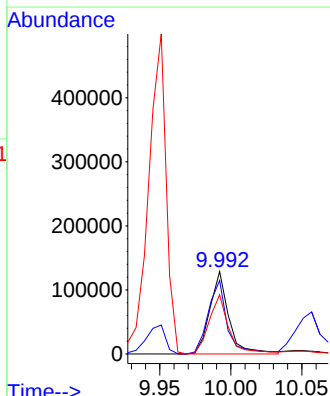
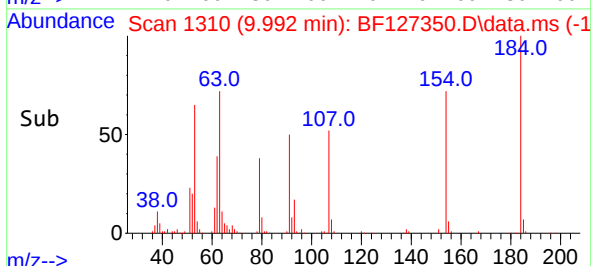
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

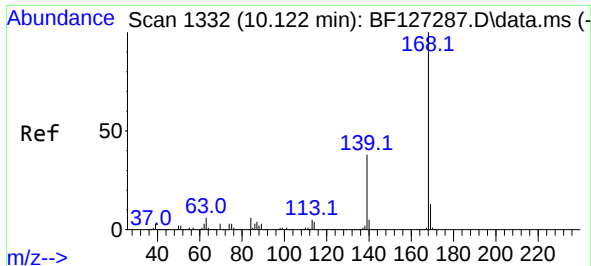


#54
2,4-Dinitrophenol
Concen: 75.527 ng
RT: 9.992 min Scan# 1310
Delta R.T. 0.011 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09



Tgt Ion:184 Resp: 119789
Ion Ratio Lower Upper
184 100
63 89.2 70.4 105.6
154 71.9 49.7 74.5





#55
Dibenzenofuran
Concen: 39.855 ng
RT: 10.122 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09

Instrument :

BNA_F

ClientSampleId :

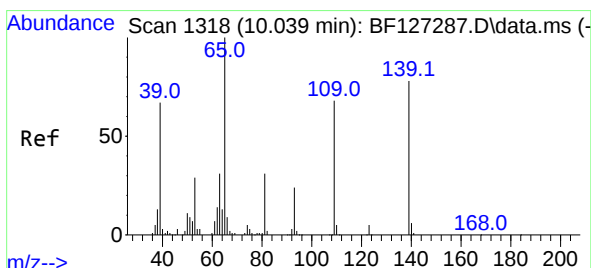
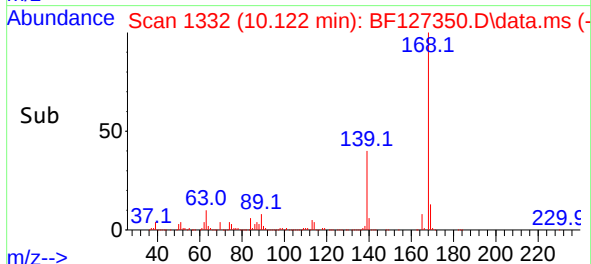
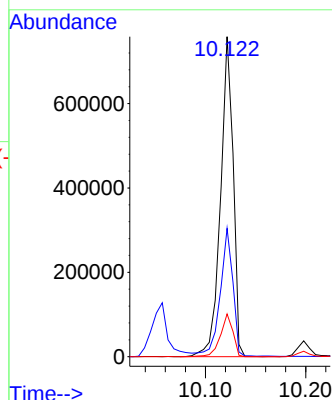
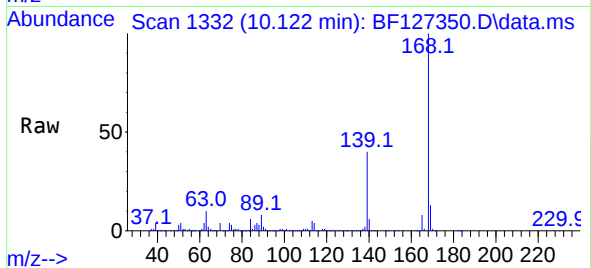
PB143392BS

Tgt Ion:168 Resp: 66084
Ion Ratio Lower Upper
168 100
139 40.1 30.6 46.0
169 13.4 10.0 15.0

Manual Integrations

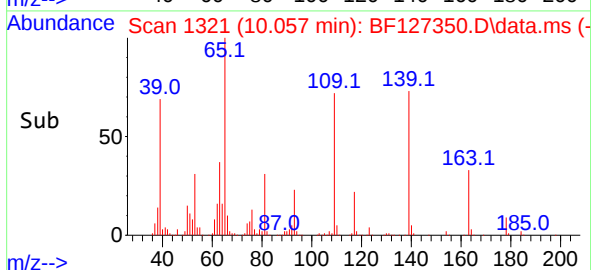
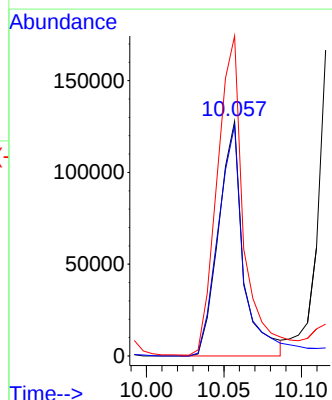
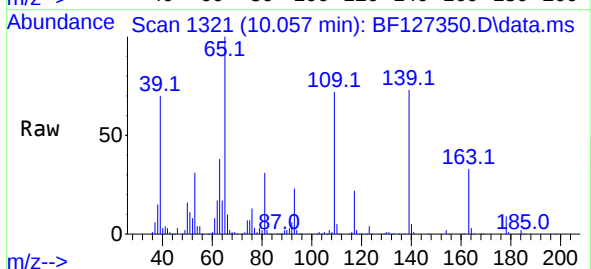
APPROVED

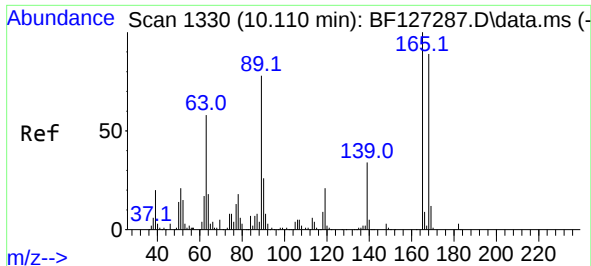
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#56
4-Nitrophenol
Concen: 74.067 ng
RT: 10.057 min Scan# 1321
Delta R.T. 0.017 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09

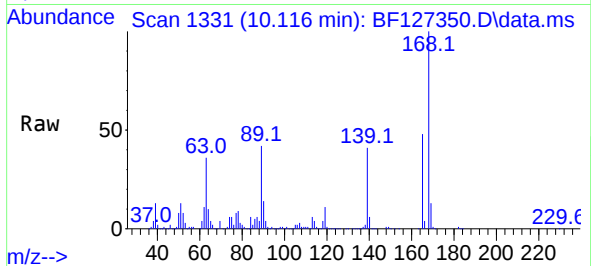
Tgt Ion:139 Resp: 141614
Ion Ratio Lower Upper
139 100
109 98.4 44.1 84.1#
65 136.4 85.5 125.5#





#57
2,4-Dinitrotoluene
Concen: 42.321 ng
RT: 10.116 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09

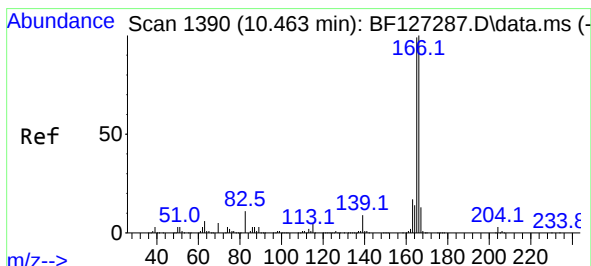
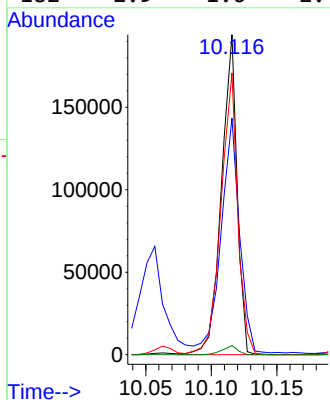
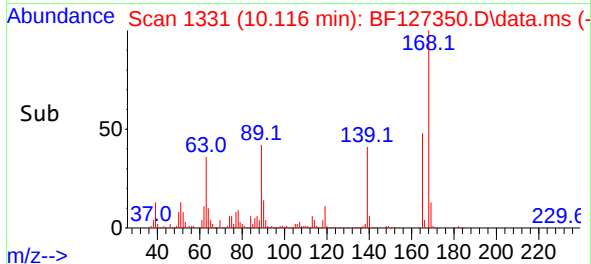
Instrument :
BNA_F
ClientSampleId :
PB143392BS



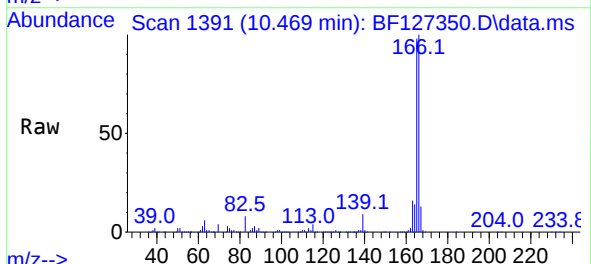
Tgt Ion:165 Resp: 160733
Ion Ratio Lower Upper
165 100
63 73.9 43.0 64.6
89 88.0 71.0 106.4
182 2.9 1.6 2.4#

Manual Integrations
APPROVED

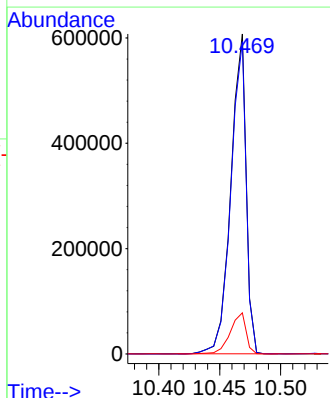
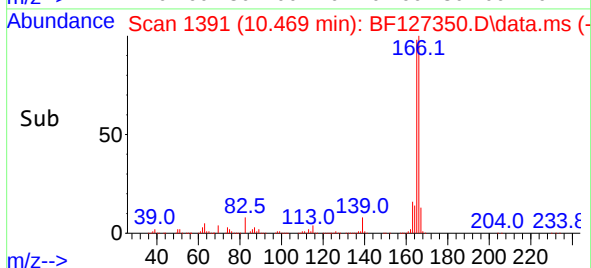
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

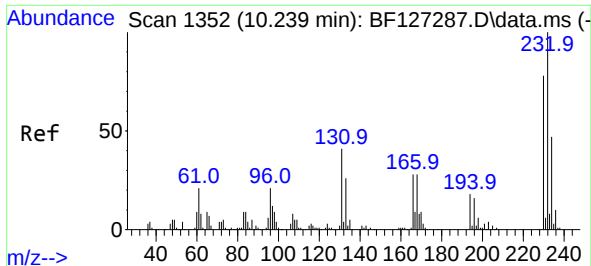


#58
Fluorene
Concen: 41.337 ng
RT: 10.469 min Scan# 1391
Delta R.T. 0.006 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09



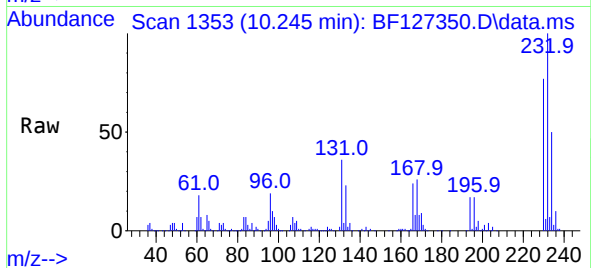
Tgt Ion:166 Resp: 531480
Ion Ratio Lower Upper
166 100
165 97.6 77.7 116.5
167 12.9 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.079 ng
RT: 10.245 min Scan# 1353
Delta R.T. 0.006 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09

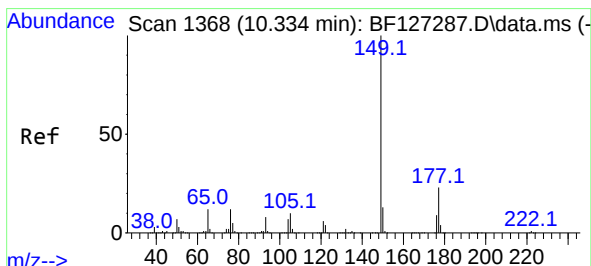
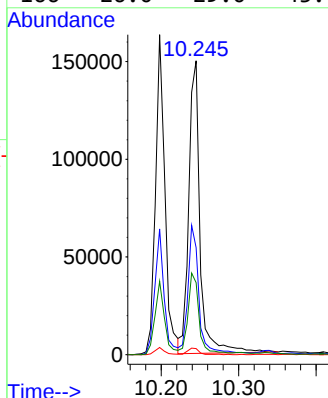
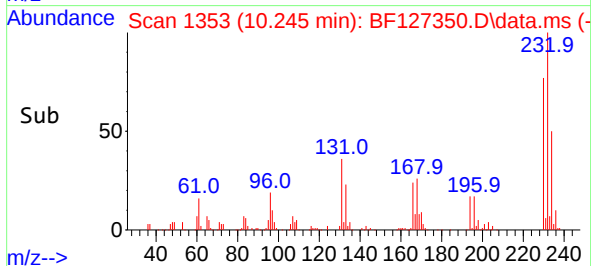
Instrument :
BNA_F
ClientSampleId :
PB143392BS



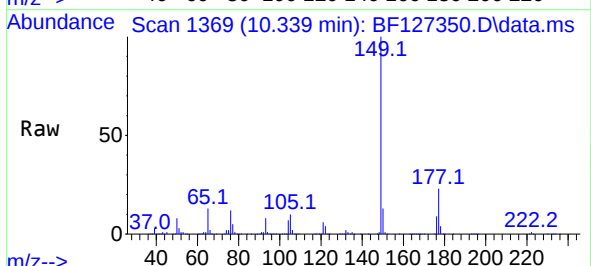
Tgt Ion:232 Resp: 15118
Ion Ratio Lower Upper
232 100
131 41.6 50.0 75.0
130 2.4 2.2 3.2
166 26.0 29.0 43.4#

Manual Integrations
APPROVED

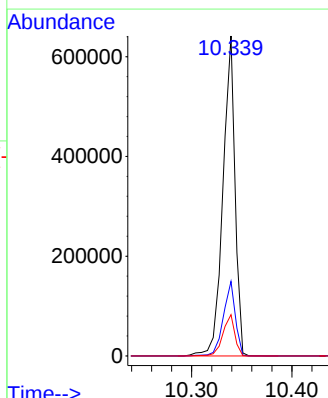
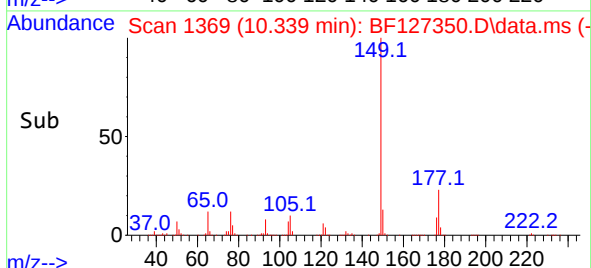
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

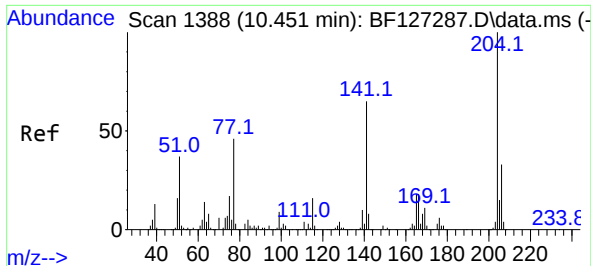


#60
Diethylphthalate
Concen: 41.255 ng
RT: 10.339 min Scan# 1369
Delta R.T. 0.006 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09



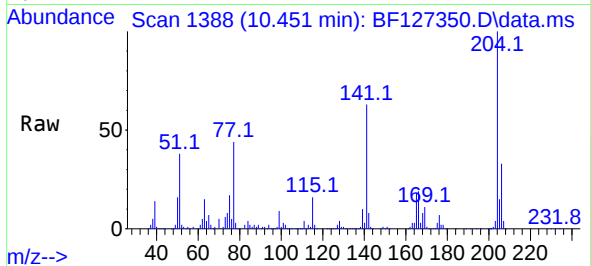
Tgt Ion:149 Resp: 537013
Ion Ratio Lower Upper
149 100
177 23.3 16.7 25.1
150 12.9 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 42.549 ng
RT: 10.451 min Scan# 1388
Delta R.T. -0.000 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09

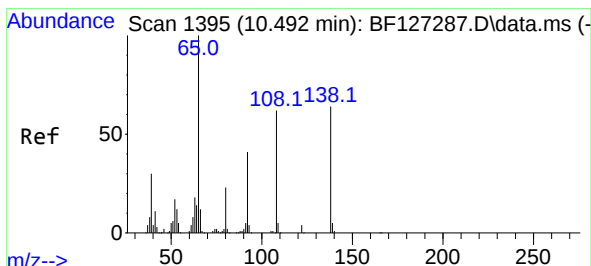
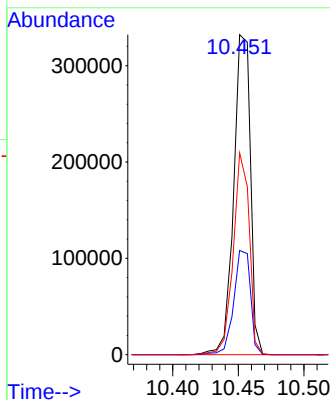
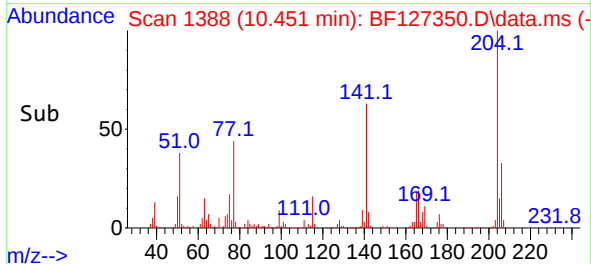
Instrument :
BNA_F
ClientSampleId :
PB143392BS



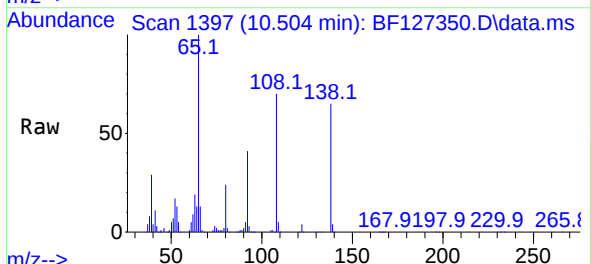
Tgt Ion:204 Resp: 296479
Ion Ratio Lower Upper
204 100
206 32.5 26.3 39.5
141 63.0 59.0 88.6

Manual Integrations
APPROVED

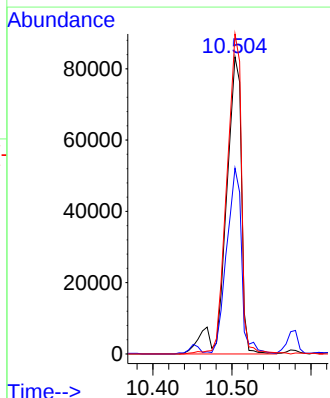
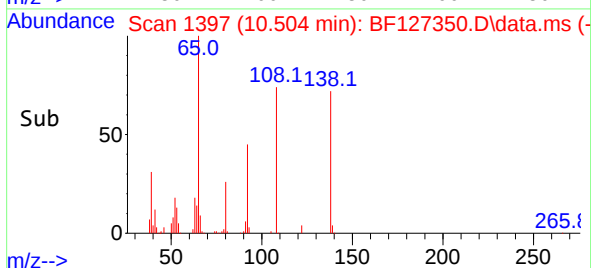
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

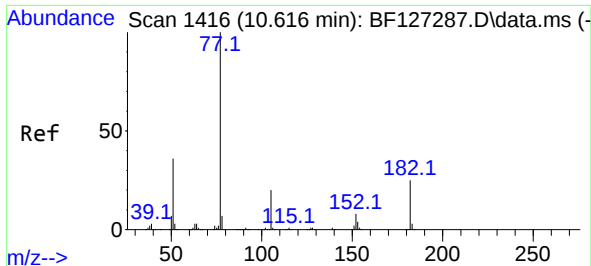


#62
4-Nitroaniline
Concen: 36.077 ng m
RT: 10.504 min Scan# 1397
Delta R.T. 0.012 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09



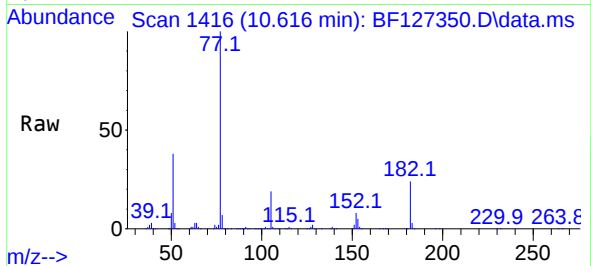
Tgt Ion:138 Resp: 113089
Ion Ratio Lower Upper
138 100
92 62.5 36.2 76.2
108 107.7 46.7 86.7#





#63
Azobenzene
Concen: 38.327 ng
RT: 10.616 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09

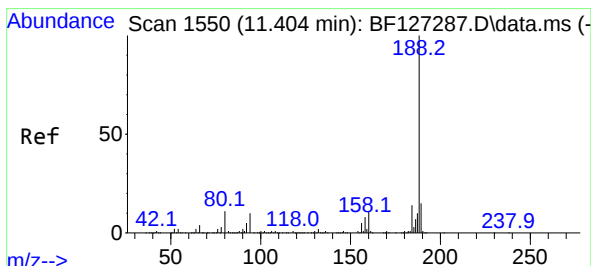
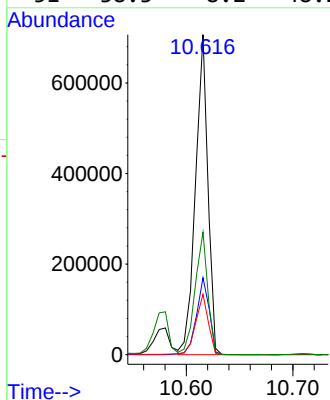
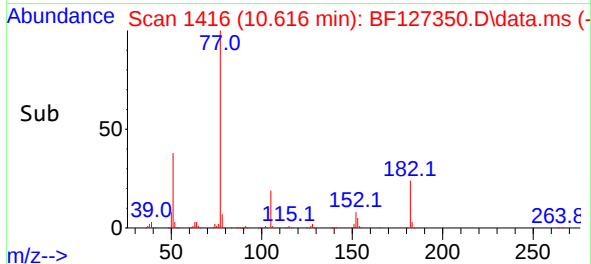
Instrument :
BNA_F
ClientSampleId :
PB143392BS



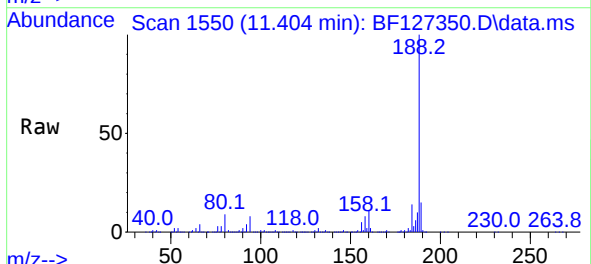
Tgt Ion: 77 Resp: 573480
Ion Ratio Lower Upper
77 100
182 24.1 0.0 39.0
105 18.9 3.2 43.2
51 38.3 8.2 48.2

Manual Integrations
APPROVED

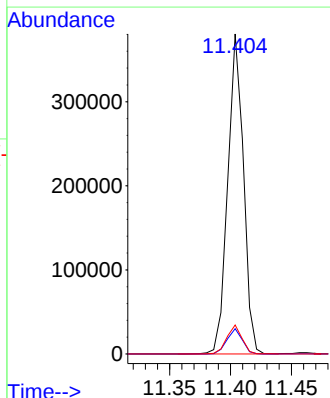
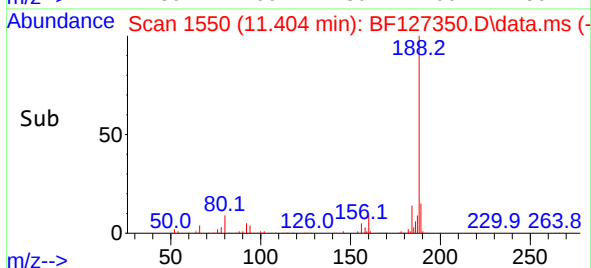
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

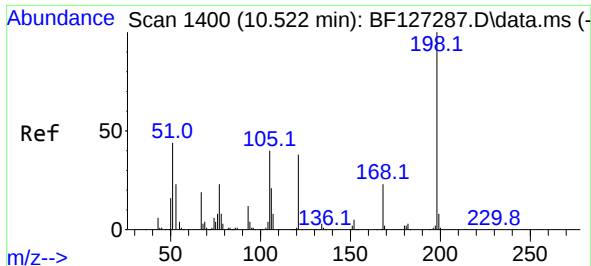


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1550
Delta R.T. -0.000 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09



Tgt Ion:188 Resp: 341234
Ion Ratio Lower Upper
188 100
94 7.9 10.1 15.1#
80 9.1 11.8 17.6#





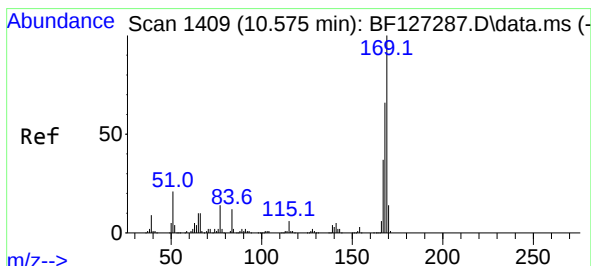
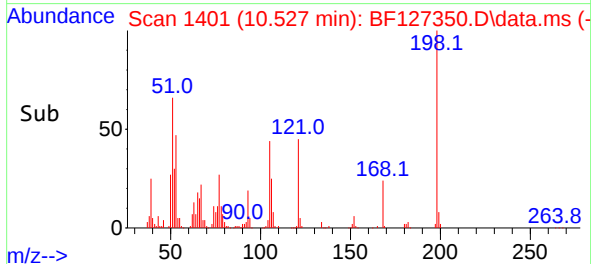
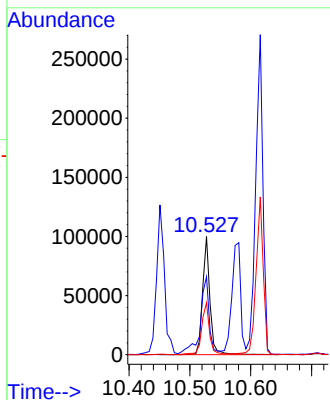
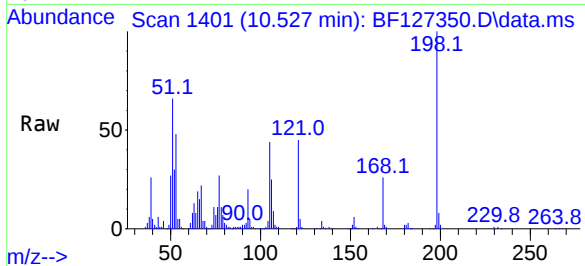
#65
4,6-Dinitro-2-methylphenol
Concen: 39.738 ng
RT: 10.527 min Scan# 1400
Delta R.T. 0.006 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09

Instrument :
BNA_F
ClientSampleId :
PB143392BS

Tgt Ion:198 Resp: 83600
Ion Ratio Lower Upper
198 100
51 66.0 32.0 72.0
105 44.0 32.7 72.7

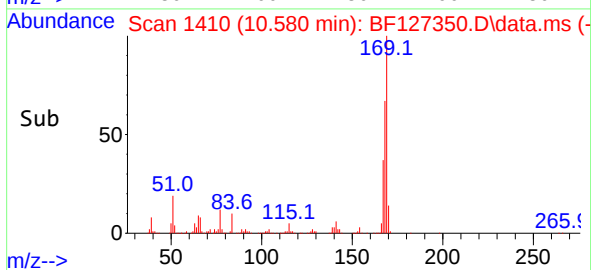
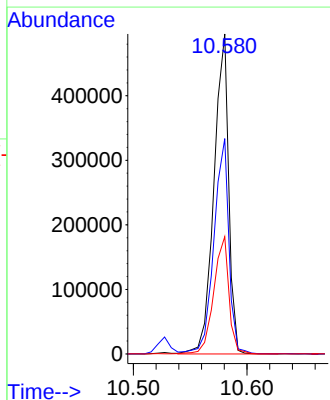
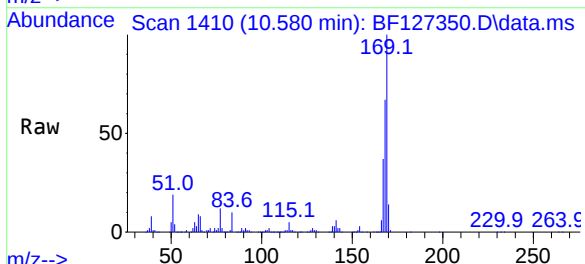
Manual Integrations
APPROVED

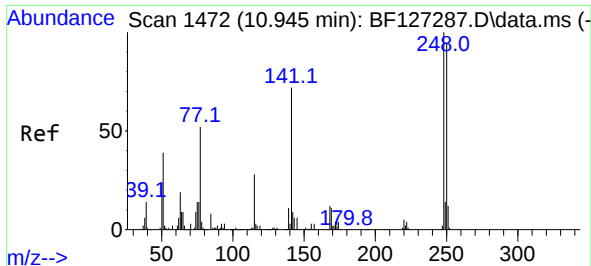
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#66
n-Nitrosodiphenylamine
Concen: 42.160 ng
RT: 10.580 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09

Tgt Ion:169 Resp: 446799
Ion Ratio Lower Upper
169 100
168 67.3 53.4 80.0
167 36.7 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 43.831 ng
RT: 10.945 min Scan# 1472
Delta R.T. -0.000 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09

Instrument :

BNA_F

ClientSampleId :

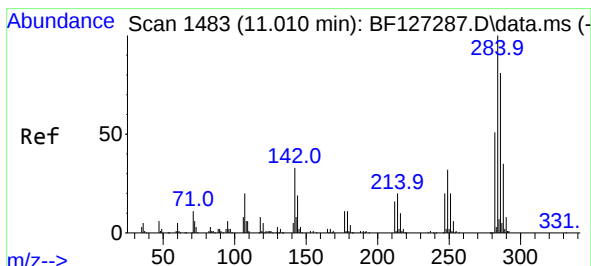
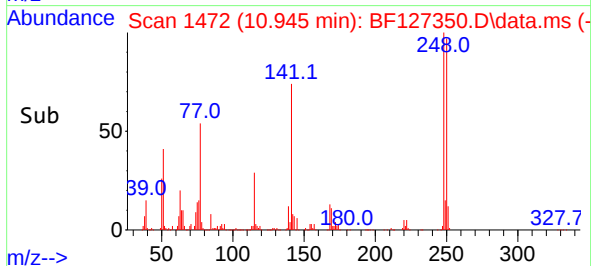
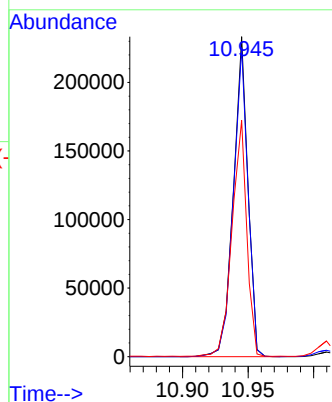
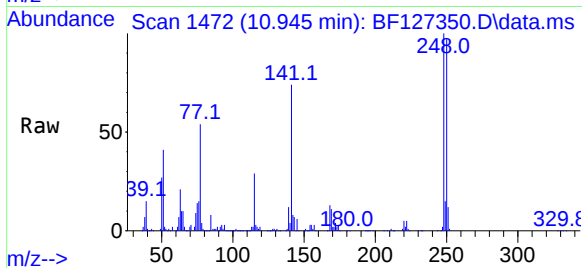
PB143392BS

Tgt Ion:248 Resp: 180294
Ion Ratio Lower Upper
248 100
250 96.5 76.2 114.4
141 73.8 66.2 99.4

Manual Integrations

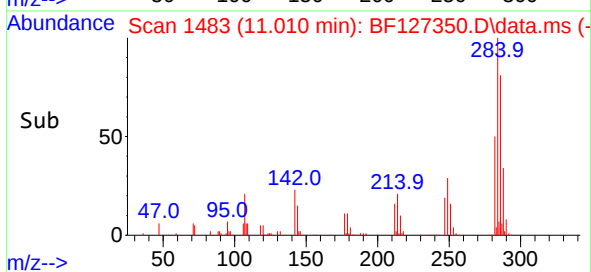
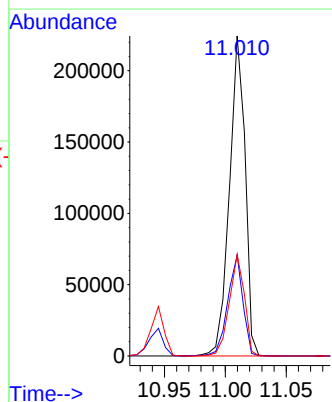
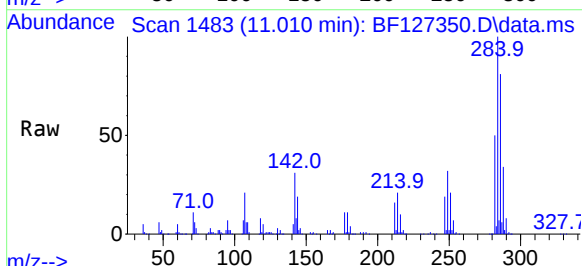
APPROVED

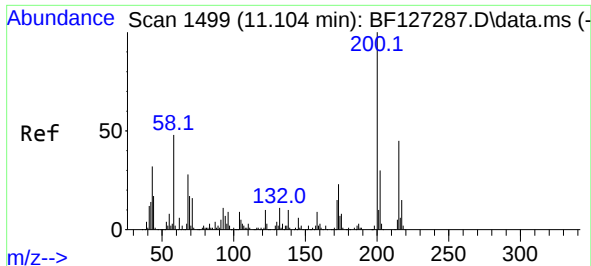
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#68
Hexachlorobenzene
Concen: 44.996 ng
RT: 11.010 min Scan# 1483
Delta R.T. -0.000 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09

Tgt Ion:284 Resp: 201716
Ion Ratio Lower Upper
284 100
142 31.5 30.7 46.1
249 31.7 21.1 31.7#





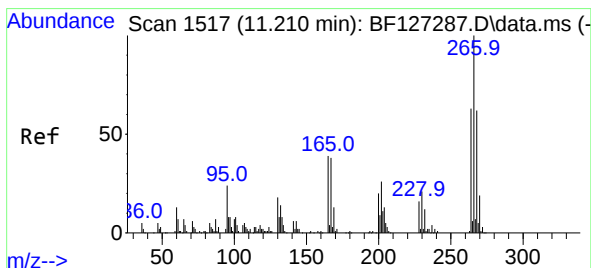
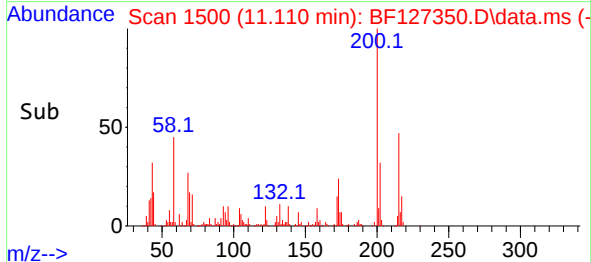
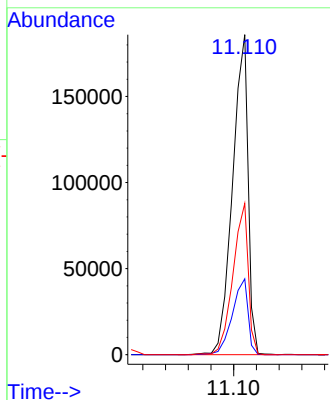
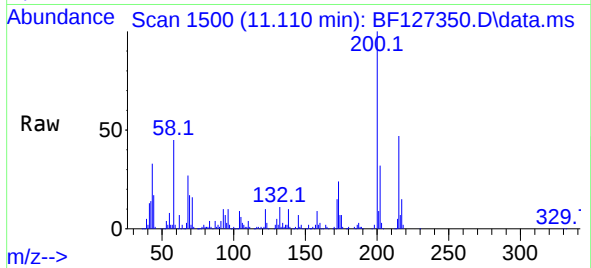
#69
Atrazine
Concen: 48.218 ng
RT: 11.110 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09

Instrument :
BNA_F
ClientSampleId :
PB143392BS

Tgt Ion:200 Resp: 17633
Ion Ratio Lower Upper
200 100
173 23.7 9.2 49.2
215 47.3 23.2 63.2

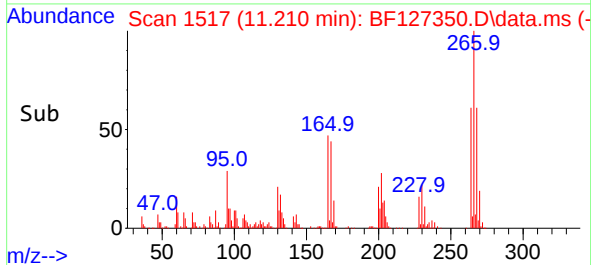
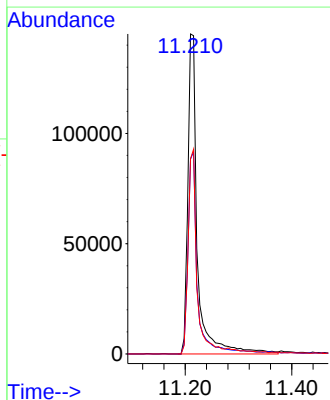
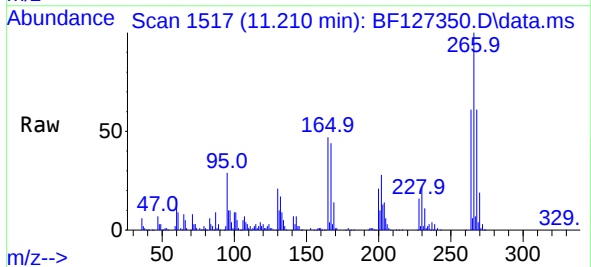
Manual Integrations
APPROVED

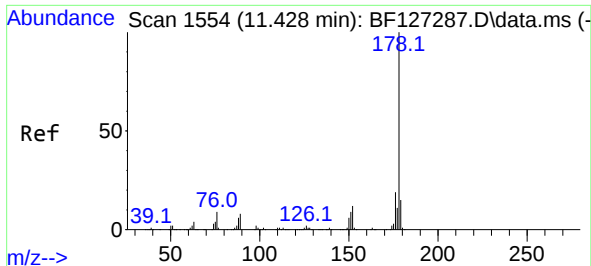
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#70
Pentachlorophenol
Concen: 100.497 ng
RT: 11.210 min Scan# 1517
Delta R.T. -0.000 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09

Tgt Ion:266 Resp: 181899
Ion Ratio Lower Upper
266 100
268 60.9 52.3 78.5
264 61.0 50.4 75.6





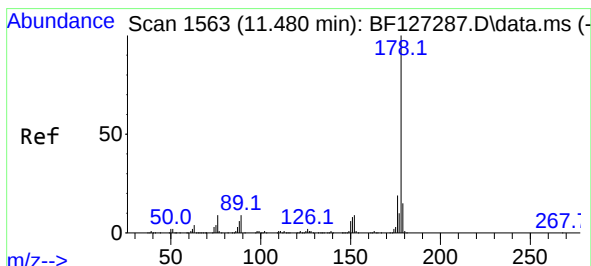
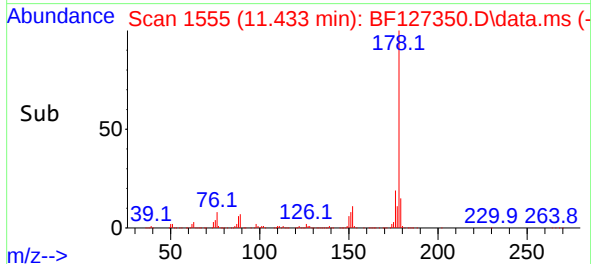
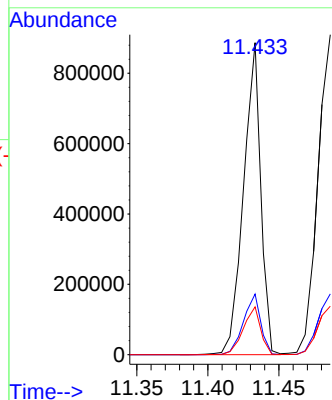
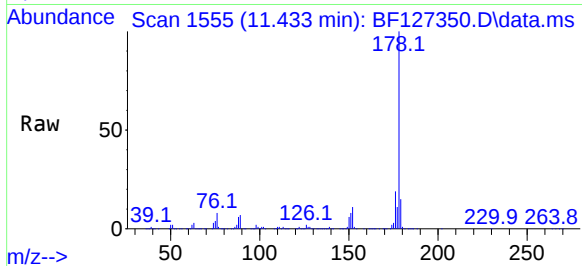
#71
Phenanthrene
Concen: 41.678 ng
RT: 11.433 min Scan# 1554
Delta R.T. 0.006 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09

Instrument :
BNA_F
ClientSampleId :
PB143392BS

Tgt Ion:178 Resp: 750759
Ion Ratio Lower Upper
178 100
176 19.4 15.7 23.5
179 15.3 12.3 18.5

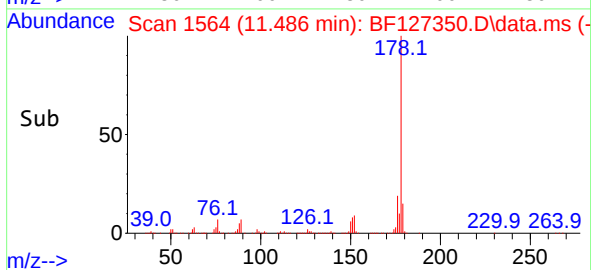
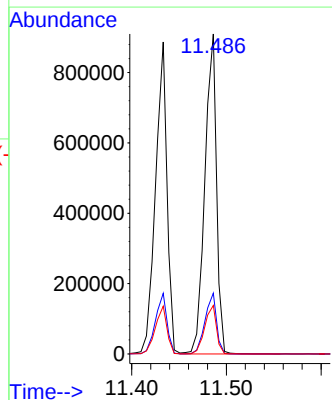
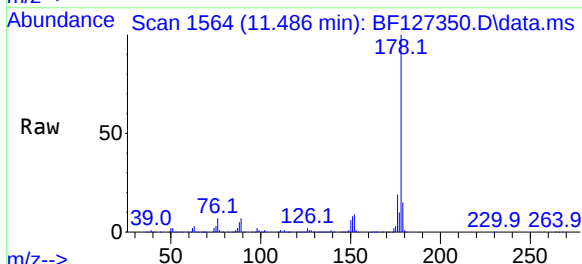
Manual Integrations
APPROVED

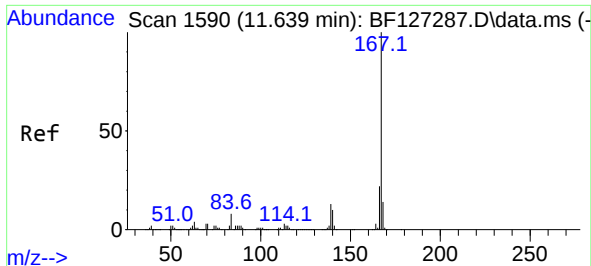
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#72
Anthracene
Concen: 43.469 ng
RT: 11.486 min Scan# 1564
Delta R.T. 0.006 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09

Tgt Ion:178 Resp: 775450
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.6
179 15.1 12.5 18.7





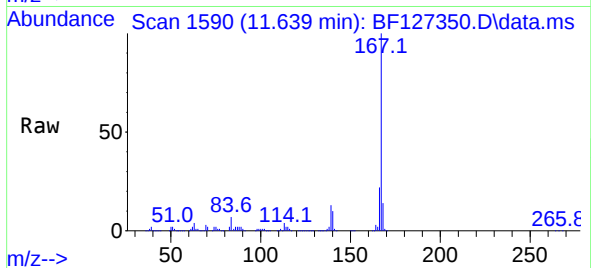
#73
 Carbazole
 Concen: 39.354 ng
 RT: 11.639 min Scan# 1590
 Delta R.T. -0.000 min
 Lab File: BF127350.D
 Acq: 16 Mar 2022 16:09

Instrument :

BNA_F

ClientSampleId :

PB143392BS

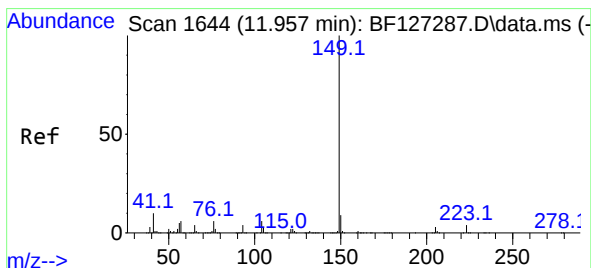
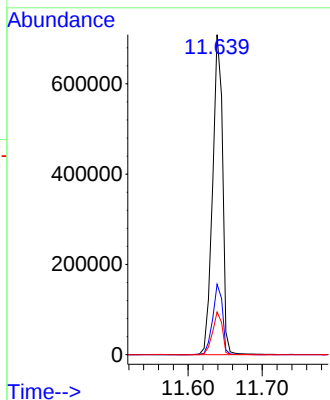
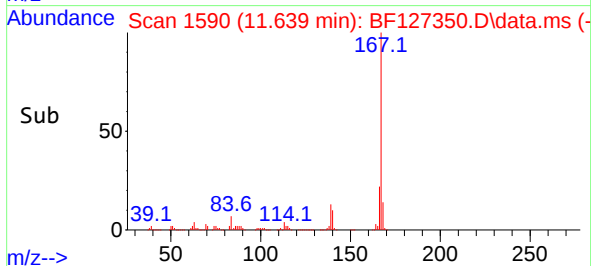


Tgt Ion:167 Resp: 661114
 Ion Ratio Lower Upper
 167 100
 166 22.0 16.9 25.3
 139 13.4 11.3 16.9

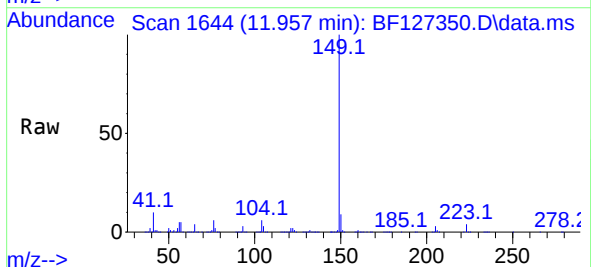
Manual Integrations

APPROVED

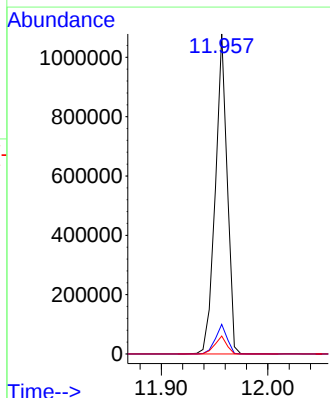
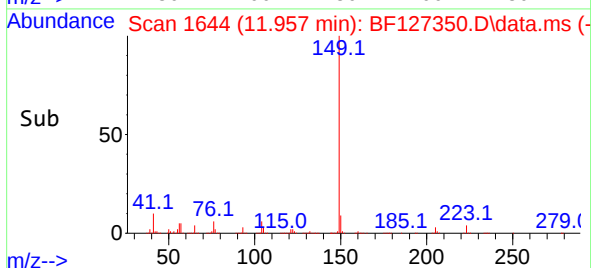
Reviewed By :Christian Giraldo 03/17/2022
 Supervised By :Jagrut Upadhyay 03/17/2022

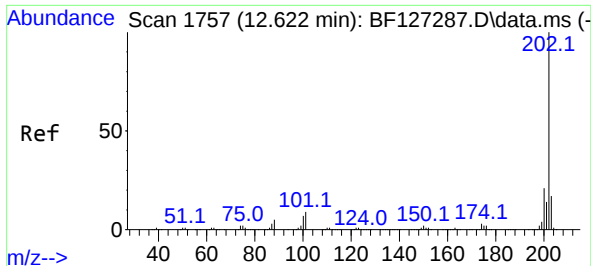


#74
 Di-n-butylphthalate
 Concen: 42.230 ng
 RT: 11.957 min Scan# 1644
 Delta R.T. -0.000 min
 Lab File: BF127350.D
 Acq: 16 Mar 2022 16:09



Tgt Ion:149 Resp: 829790
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.2 10.8
 104 5.6 4.2 6.2





#75
Fluoranthene
Concen: 41.066 ng
RT: 12.621 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09

Instrument :

BNA_F

ClientSampleId :

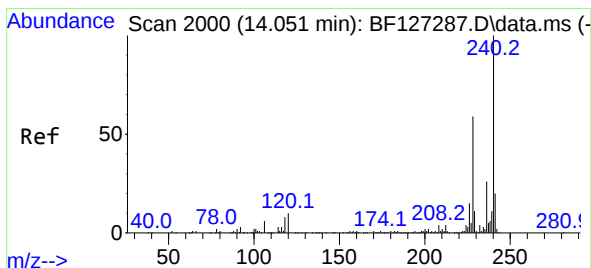
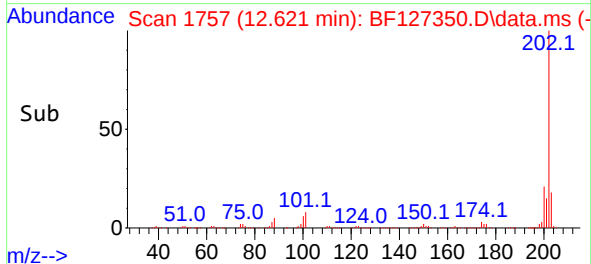
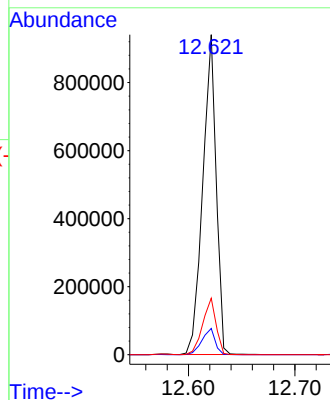
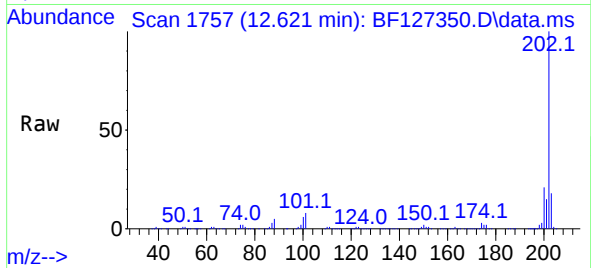
PB143392BS

Tgt Ion:202 Resp: 82709
Ion Ratio Lower Upper
202 100
101 8.2 0.0 35.7
203 17.7 0.0 37.1

Manual Integrations

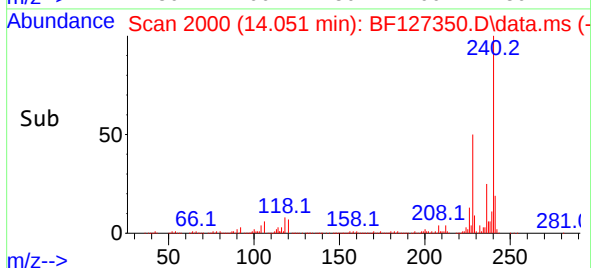
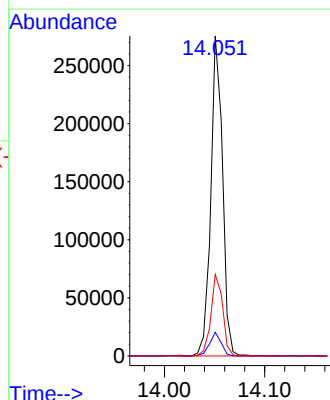
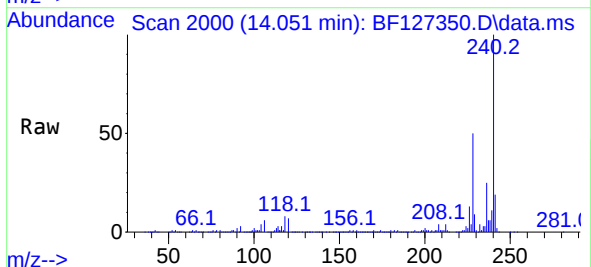
APPROVED

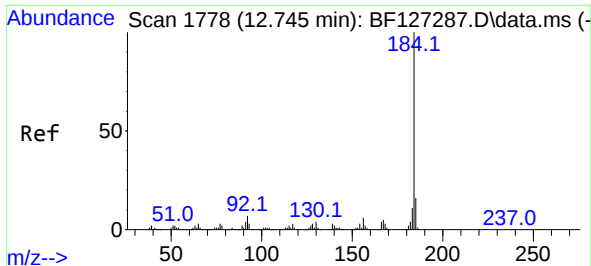
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2000
Delta R.T. -0.000 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09

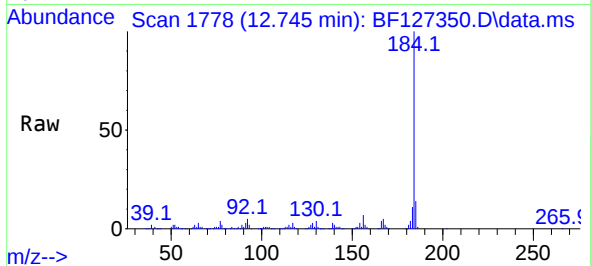
Tgt Ion:240 Resp: 224462
Ion Ratio Lower Upper
240 100
120 7.4 14.4 21.6#
236 25.5 20.5 30.7





#77
Benzidine
Concen: 57.906 ng
RT: 12.745 min Scan# 1778
Delta R.T. -0.000 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09

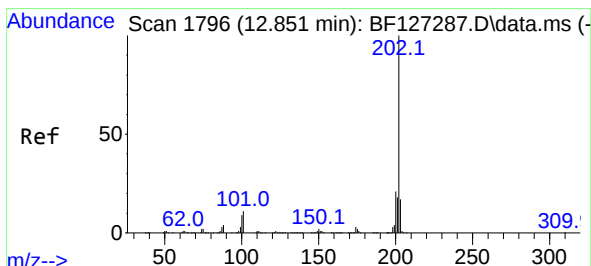
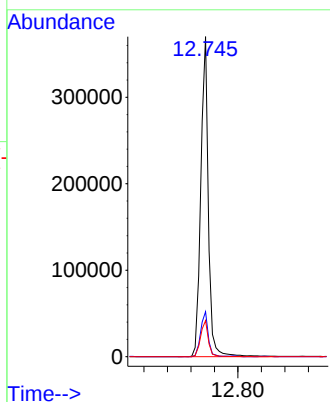
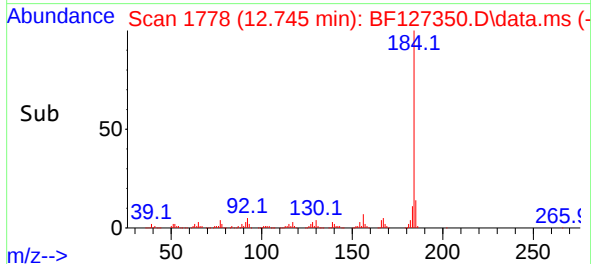
Instrument :
BNA_F
ClientSampleId :
PB143392BS



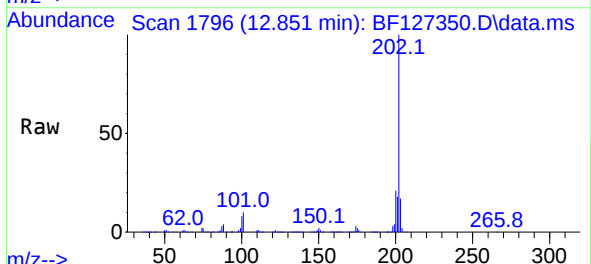
Tgt Ion:184 Resp: 33053
Ion Ratio Lower Upper
184 100
185 14.0 11.8 17.8
183 11.3 8.2 12.2

Manual Integrations
APPROVED

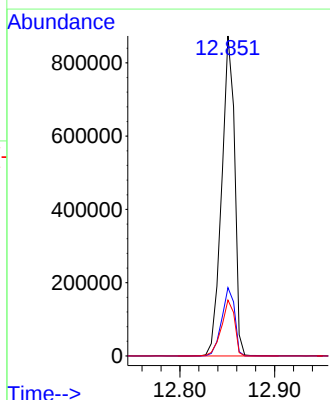
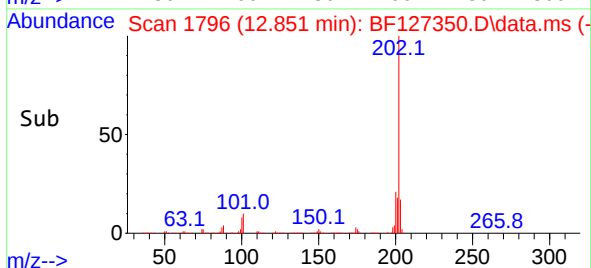
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

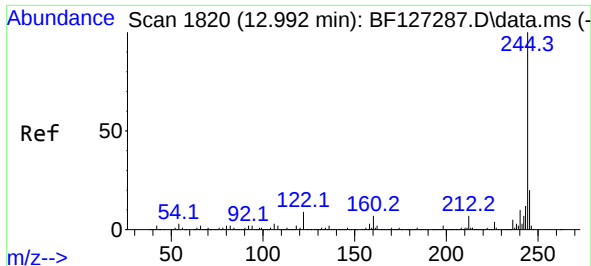


#78
Pyrene
Concen: 47.614 ng
RT: 12.851 min Scan# 1796
Delta R.T. -0.000 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09



Tgt Ion:202 Resp: 832458
Ion Ratio Lower Upper
202 100
200 21.3 16.6 24.8
203 17.4 13.8 20.8





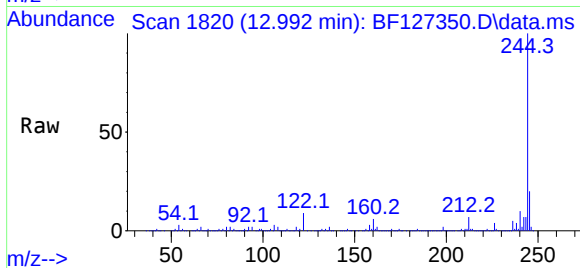
#79
Terphenyl-d14
Concen: 97.202 ng
RT: 12.992 min Scan# 1820
Delta R.T. -0.000 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09

Instrument :

BNA_F

ClientSampleId :

PB143392BS

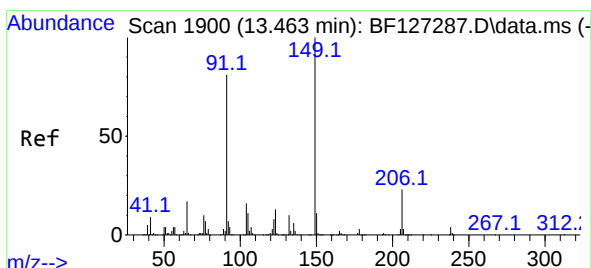
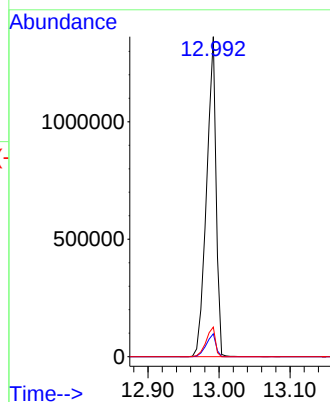
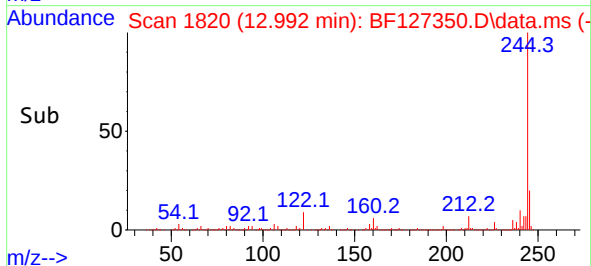


Tgt Ion:244 Resp: 1267060
Ion Ratio Lower Upper
244 100
212 7.1 5.0 7.4
122 9.3 13.3 19.9

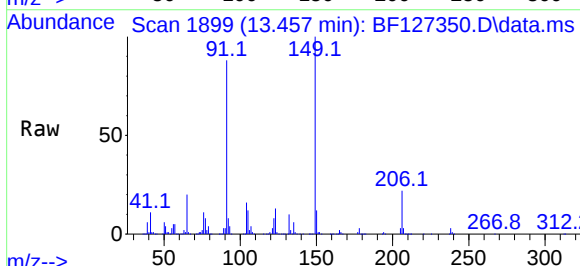
Manual Integrations

APPROVED

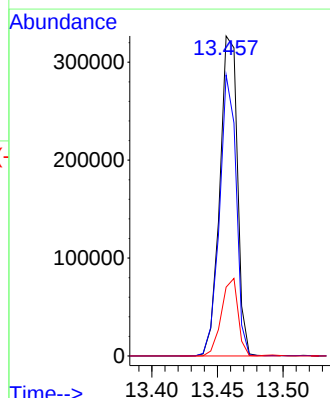
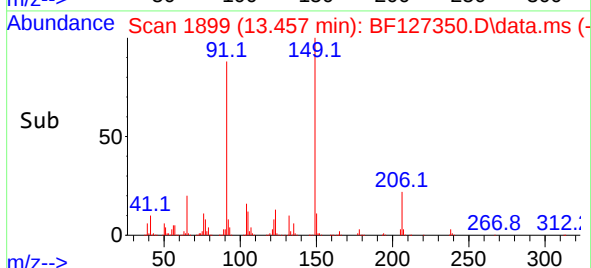
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

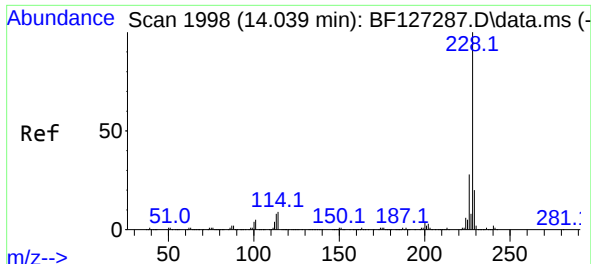


#80
Butylbenzylphthalate
Concen: 45.317 ng
RT: 13.457 min Scan# 1899
Delta R.T. -0.006 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09



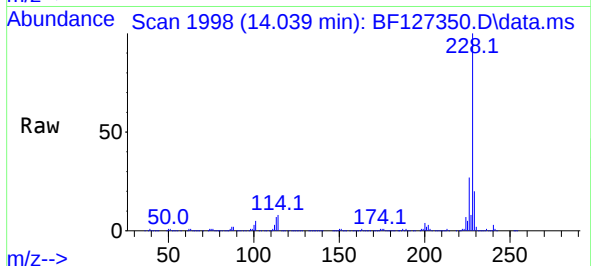
Tgt Ion:149 Resp: 304920
Ion Ratio Lower Upper
149 100
91 87.8 70.5 105.7
206 21.5 12.6 19.0





#81
Benzo(a)anthracene
Concen: 41.936 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.000 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09

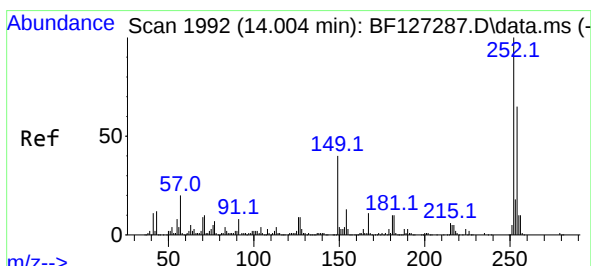
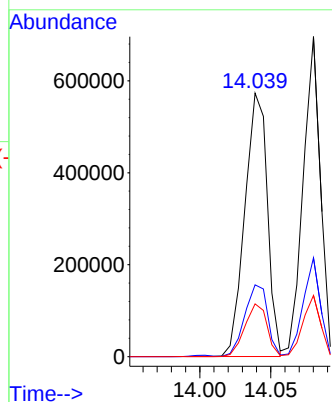
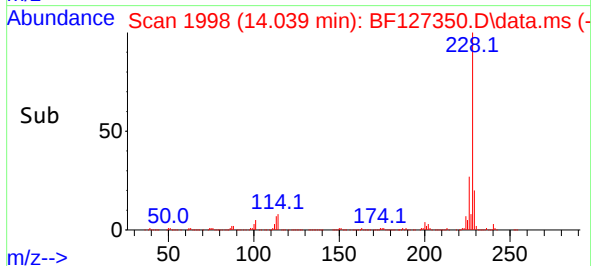
Instrument :
BNA_F
ClientSampleId :
PB143392BS



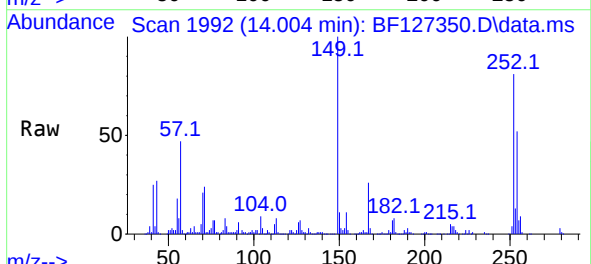
Tgt Ion:228 Resp: 63379
Ion Ratio Lower Upper
228 100
226 27.3 21.4 32.0
229 20.0 15.4 23.2

Manual Integrations
APPROVED

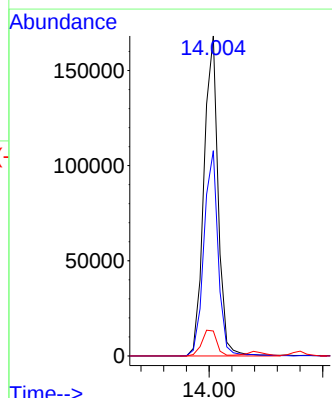
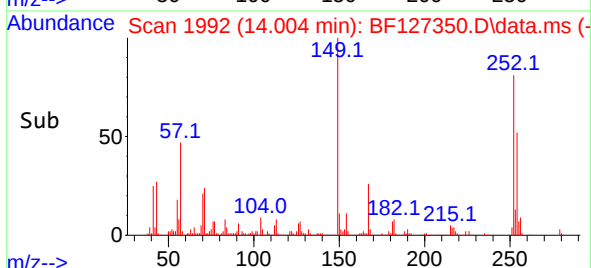
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

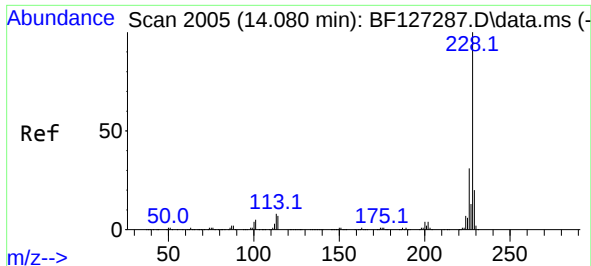


#82
3,3'-Dichlorobenzidine
Concen: 31.030 ng
RT: 14.004 min Scan# 1992
Delta R.T. -0.000 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09



Tgt Ion:252 Resp: 145816
Ion Ratio Lower Upper
252 100
254 64.1 51.0 76.4
126 7.8 13.4 20.0#





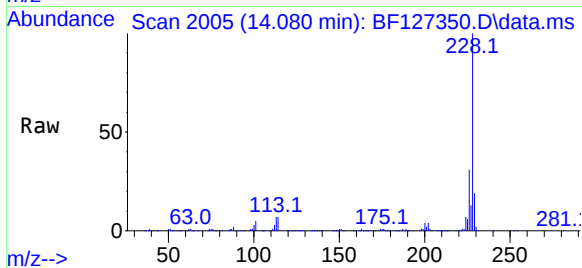
#83
Chrysene
Concen: 42.092 ng
RT: 14.080 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09

Instrument :

BNA_F

ClientSampleId :

PB143392BS

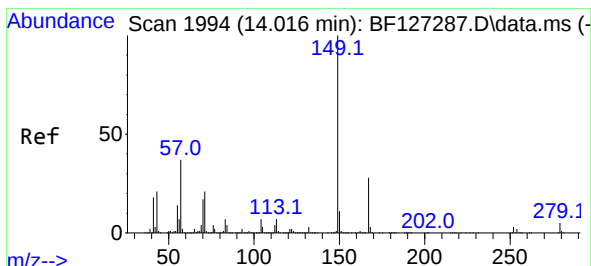
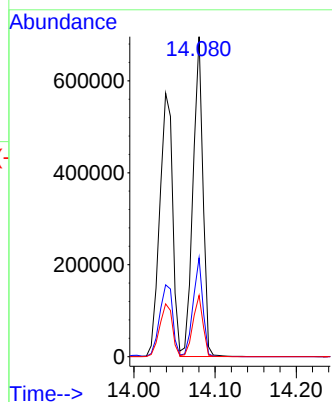
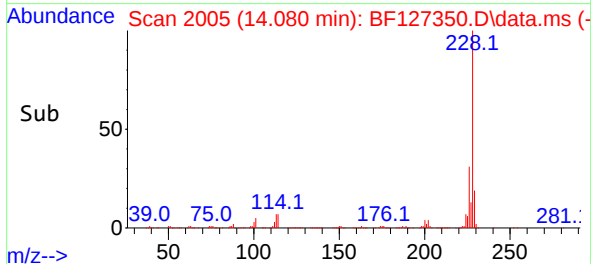


Tgt Ion:228 Resp: 591699
Ion Ratio Lower Upper
228 100
226 30.9 23.7 35.5
229 19.1 15.5 23.3

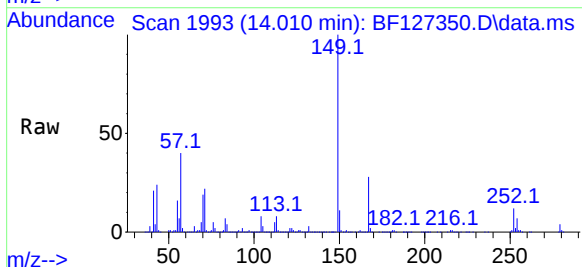
Manual Integrations

APPROVED

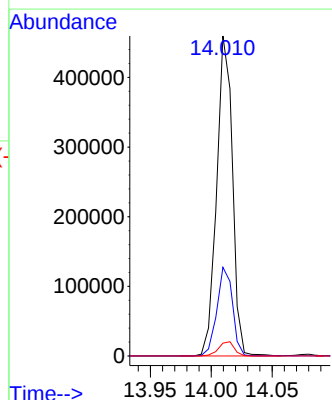
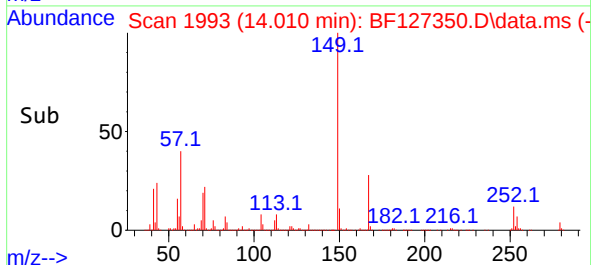
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

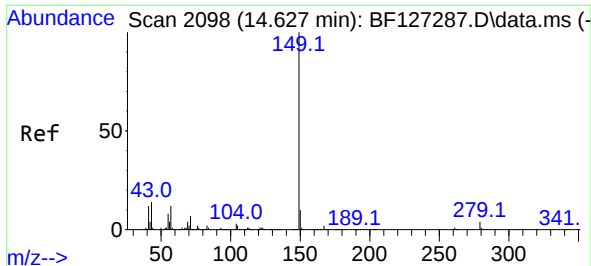


#84
Bis(2-ethylhexyl)phthalate
Concen: 45.823 ng
RT: 14.010 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09



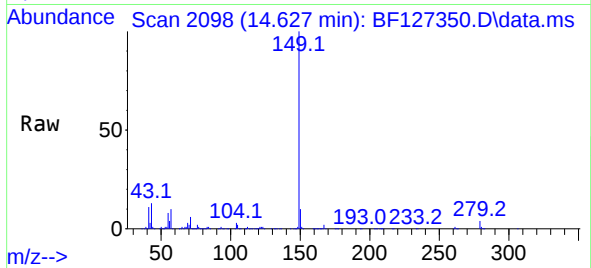
Tgt Ion:149 Resp: 415046
Ion Ratio Lower Upper
149 100
167 27.7 21.4 32.2
279 4.0 2.4 3.6





#85
Di-n-octyl phthalate
Concen: 42.378 ng
RT: 14.627 min Scan# 2098
Delta R.T. -0.000 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09

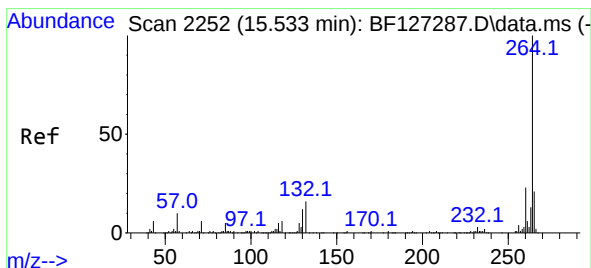
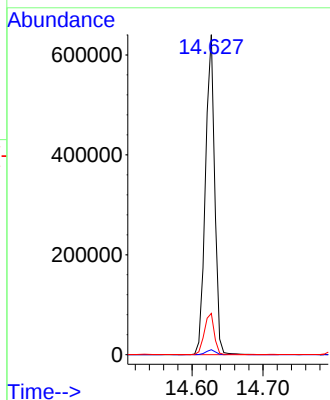
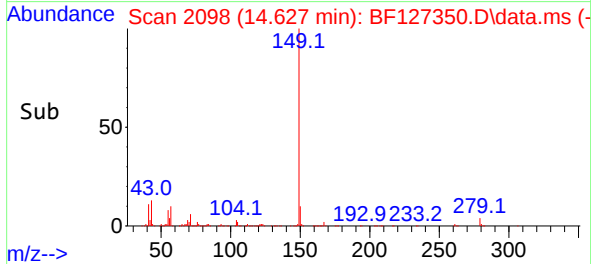
Instrument :
BNA_F
ClientSampleId :
PB143392BS



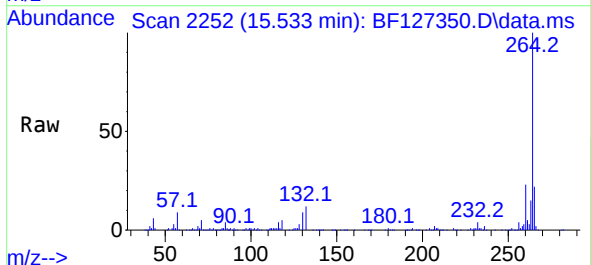
Tgt Ion:149 Resp: 580970
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 13.8 9.9 14.9

Manual Integrations
APPROVED

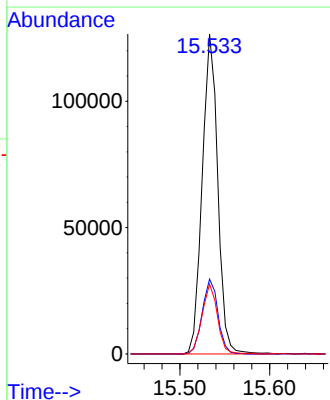
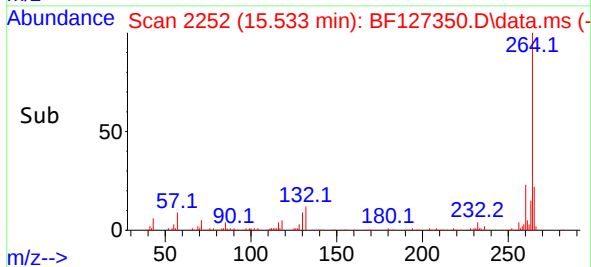
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

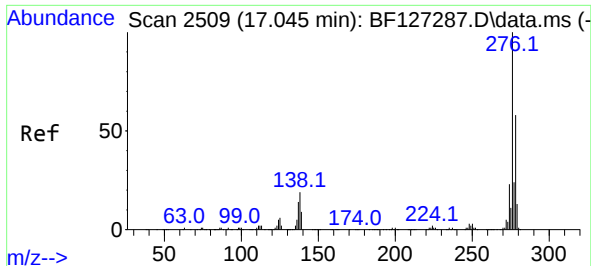


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2252
Delta R.T. -0.000 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09



Tgt Ion:264 Resp: 152000
Ion Ratio Lower Upper
264 100
260 23.4 19.2 28.8
265 21.9 17.4 26.2





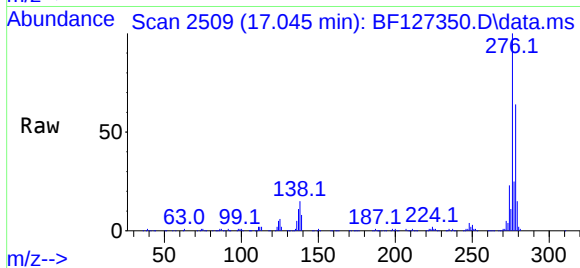
#87
Indeno(1,2,3-cd)pyrene
Concen: 48.471 ng
RT: 17.045 min Scan# 2178
Delta R.T. -0.000 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09

Instrument :

BNA_F

ClientSampleId :

PB143392BS

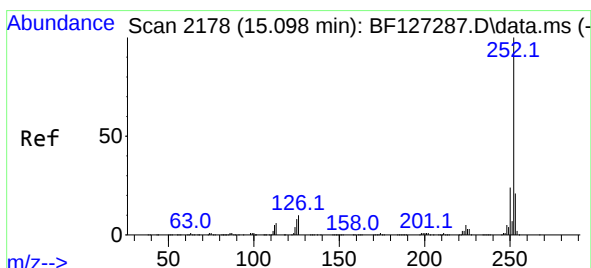
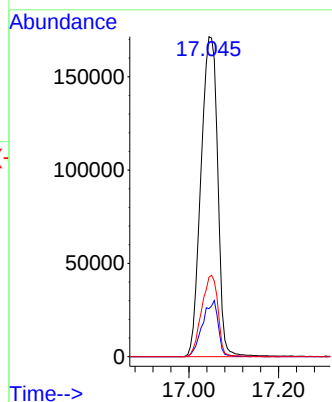
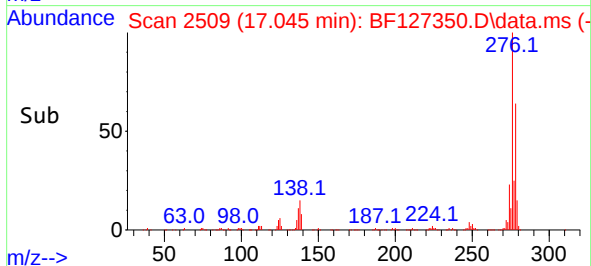


Tgt Ion:276 Resp: 443839
Ion Ratio Lower Upper
276 100
138 16.5 29.2 43.8
277 24.9 19.8 29.8

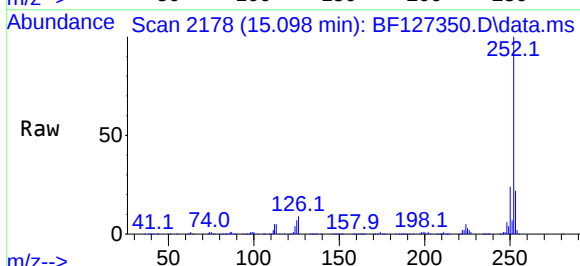
Manual Integrations

APPROVED

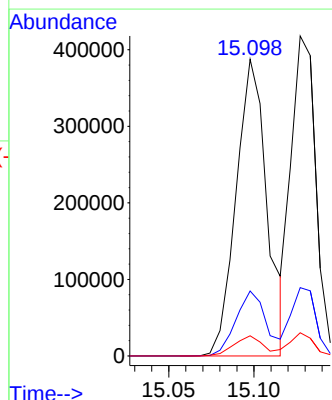
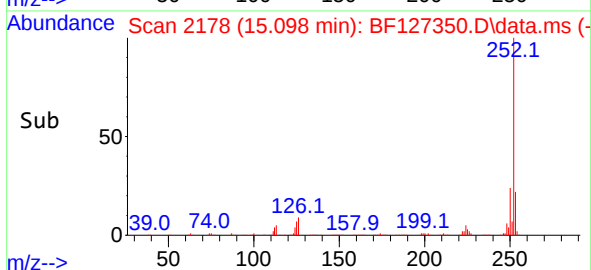
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

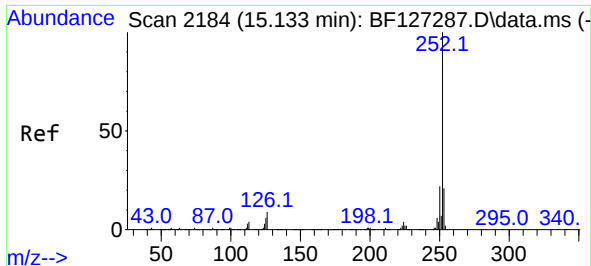


#88
Benzo(b)fluoranthene
Concen: 49.042 ng
RT: 15.098 min Scan# 2178
Delta R.T. -0.000 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09



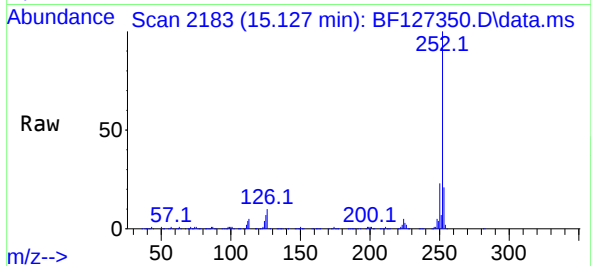
Tgt Ion:252 Resp: 489307
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 6.8 12.4 18.6





#89
Benzo(k)fluoranthene
Concen: 45.235 ng
RT: 15.127 min Scan# 2183
Delta R.T. -0.006 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09

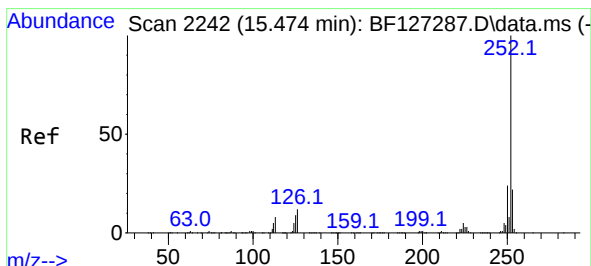
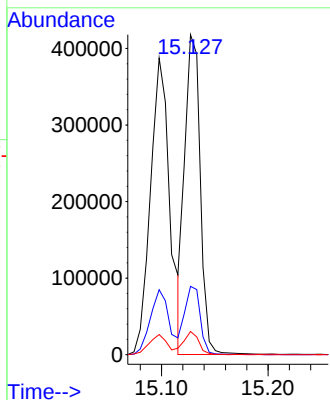
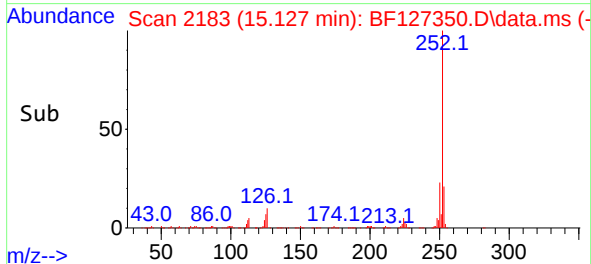
Instrument :
BNA_F
ClientSampleId :
PB143392BS



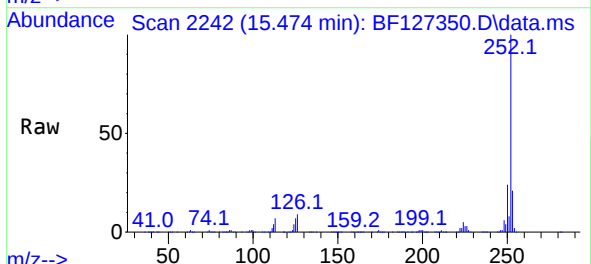
Tgt Ion:252 Resp: 42436
Ion Ratio Lower Upper
252 100
253 21.3 17.5 26.3
125 7.2 11.8 17.6

Manual Integrations
APPROVED

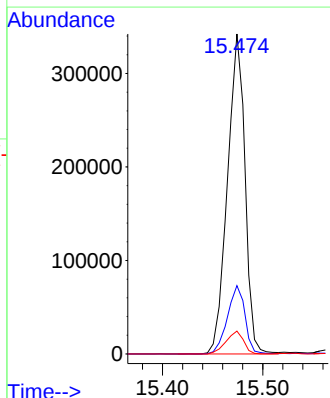
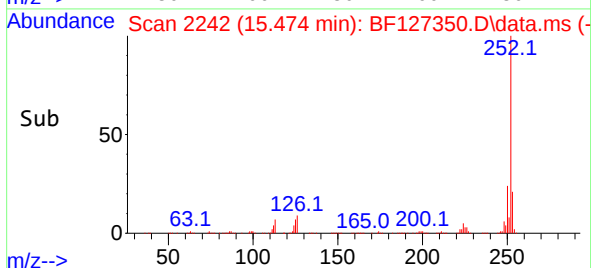
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

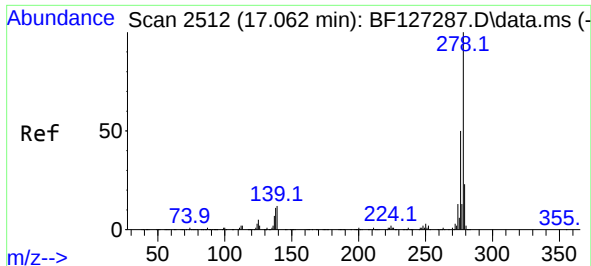


#90
Benzo(a)pyrene
Concen: 52.815 ng
RT: 15.474 min Scan# 2242
Delta R.T. -0.000 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09



Tgt Ion:252 Resp: 414947
Ion Ratio Lower Upper
252 100
253 21.3 17.1 25.7
125 7.2 13.0 19.6





#91
Dibenzo(a,h)anthracene
Concen: 50.670 ng
RT: 17.062 min Scan# 2512
Delta R.T. -0.000 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09

Instrument :

BNA_F

ClientSampleId :

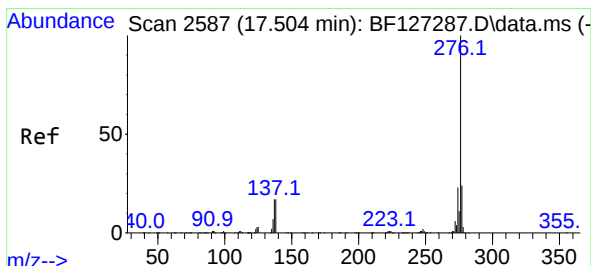
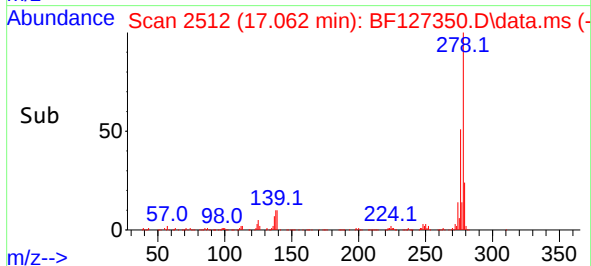
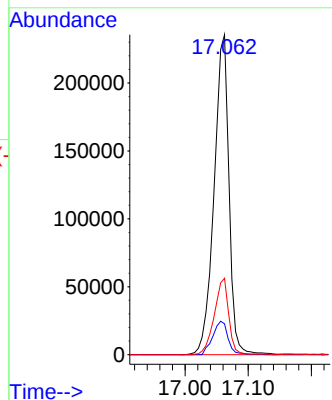
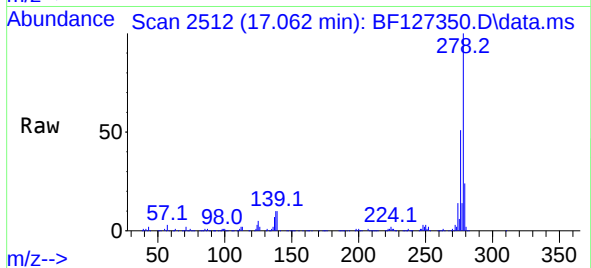
PB143392BS

Tgt Ion:278 Resp: 38615
Ion Ratio Lower Upper
278 100
139 9.7 18.0 27.0
279 23.9 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#92
Benzo(g,h,i)perylene
Concen: 50.547 ng
RT: 17.503 min Scan# 2587
Delta R.T. -0.000 min
Lab File: BF127350.D
Acq: 16 Mar 2022 16:09

Tgt Ion:276 Resp: 375763
Ion Ratio Lower Upper
276 100
277 22.8 18.5 27.7
138 15.4 25.9 38.9#

