

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042222\
 Data File : BF127868.D
 Acq On : 22 Apr 2022 23:51
 Operator : CG\JU
 Sample : PB144313BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144313BS

Quant Time: Apr 24 01:04:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 00:43:03 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 04/25/2022
 Supervised By : Jagrut Upadhyay 04/25/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.939	152	146855	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	564711	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	314254	20.000	ng	0.00
64) Phenanthrene-d10	11.474	188	545048	20.000	ng	0.00
76) Chrysene-d12	14.121	240	367467	20.000	ng	# 0.00
86) Perylene-d12	15.633	264	331256	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	1029010	111.606	ng	0.00
7) Phenol-d6	6.569	99	1329183	111.102	ng	0.00
23) Nitrobenzene-d5	7.510	82	955363	79.554	ng	0.00
42) 2,4,6-Tribromophenol	10.780	330	350965	110.942	ng	0.00
45) 2-Fluorobiphenyl	9.304	172	1528308	82.274	ng	0.00
79) Terphenyl-d14	13.063	244	1621432	80.684	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.857	88	154393	35.097	ng	98
3) Pyridine	3.616	79	422951	37.524	ng	98
4) n-Nitrosodimethylamine	3.581	42	236008	43.257	ng	97
6) Aniline	6.604	93	567397	39.918	ng	99
8) 2-Chlorophenol	6.728	128	434853	45.442	ng	98
9) Benzaldehyde	6.498	77	292824	39.565	ng	100
10) Phenol	6.581	94	509951	42.262	ng	99
11) bis(2-Chloroethyl)ether	6.675	93	441679	44.126	ng	97
12) 1,3-Dichlorobenzene	6.881	146	473678	43.002	ng	96
13) 1,4-Dichlorobenzene	6.957	146	472566	42.980	ng	97
14) 1,2-Dichlorobenzene	7.110	146	453894	44.593	ng	99
15) Benzyl Alcohol	7.086	79	362715	44.583	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.210	45	673629	44.034	ng	99
17) 2-Methylphenol	7.186	107	343245	41.572	ng	98
18) Hexachloroethane	7.457	117	179031	44.291	ng	98
19) n-Nitroso-di-n-propyla...	7.351	70	316101	43.163	ng	98
20) 3+4-Methylphenols	7.339	107	416628	41.771	ng	93
22) Acetophenone	7.351	105	571847	41.547	ng	98
24) Nitrobenzene	7.528	77	501845	43.368	ng	98
25) Isophorone	7.763	82	913848	45.213	ng	100
26) 2-Nitrophenol	7.839	139	219913	44.597	ng	97
27) 2,4-Dimethylphenol	7.869	122	395364	48.271	ng	98
28) bis(2-Chloroethoxy)met...	7.969	93	544856	42.063	ng	99
29) 2,4-Dichlorophenol	8.081	162	360017	41.957	ng	99
30) 1,2,4-Trichlorobenzene	8.163	180	404100	41.459	ng	98
31) Naphthalene	8.251	128	1210784	42.097	ng	99
32) Benzoic acid	7.992	122	245966	41.898	ng	98
33) 4-Chloroaniline	8.292	127	277763	24.408	ng	99
34) Hexachlorobutadiene	8.357	225	252982	41.207	ng	98
35) Caprolactam	8.663	113	113568m	41.003	ng	
36) 4-Chloro-3-methylphenol	8.775	107	385474	42.064	ng	98
37) 2-Methylnaphthalene	8.939	142	807283	42.470	ng	98
38) 1-Methylnaphthalene	9.039	142	764905	41.400	ng	99
40) 1,2,4,5-Tetrachloroben...	9.104	216	374999	40.485	ng	99
41) Hexachlorocyclopentadiene	9.086	237	501311	99.894	ng	99
43) 2,4,6-Trichlorophenol	9.216	196	251465	41.259	ng	99

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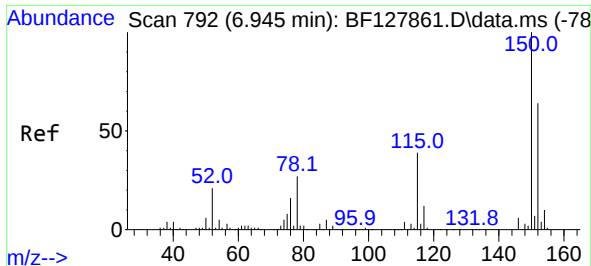
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.251	196	265508	40.073	ng	99
46) 1,1'-Biphenyl	9.404	154	989793	42.520	ng	99
47) 2-Chloronaphthalene	9.428	162	735479	41.503	ng	98
48) 2-Nitroaniline	9.528	65	252636	42.146	ng	98
49) Acenaphthylene	9.851	152	1195359	44.098	ng	100
50) Dimethylphthalate	9.704	163	871040	41.329	ng	100
51) 2,6-Dinitrotoluene	9.769	165	200602	43.962	ng	93
52) Acenaphthene	10.022	154	832996	45.708	ng	98
53) 3-Nitroaniline	9.939	138	137344	27.105	ng	95
54) 2,4-Dinitrophenol	10.045	184	206214	85.811	ng	93
55) Dibenzofuran	10.192	168	1060450	40.332	ng	100
56) 4-Nitrophenol	10.098	139	312950	80.881	ng	100
57) 2,4-Dinitrotoluene	10.175	165	267039	44.180	ng	96
58) Fluorene	10.533	166	803014	40.929	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.304	232	232008	41.642	ng	99
60) Diethylphthalate	10.404	149	851172	41.186	ng	100
61) 4-Chlorophenyl-phenyle...	10.527	204	391752	40.181	ng	98
62) 4-Nitroaniline	10.557	138	202897	40.957	ng	95
63) Azobenzene	10.686	77	929076	40.855	ng	99
65) 4,6-Dinitro-2-methylph...	10.580	198	137448	42.440	ng	95
66) n-Nitrosodiphenylamine	10.645	169	721374	42.535	ng	99
67) 4-Bromophenyl-phenylether	11.016	248	255673	42.315	ng	98
68) Hexachlorobenzene	11.080	284	268740	42.215	ng	97
69) Atrazine	11.169	200	253658	48.369	ng	99
70) Pentachlorophenol	11.274	266	305933	81.689	ng	98
71) Phenanthrene	11.504	178	1180960	41.392	ng	100
72) Anthracene	11.557	178	1213817	42.709	ng	100
73) Carbazole	11.710	167	1074463	39.226	ng	100
74) Di-n-butylphthalate	12.033	149	1300011	42.207	ng	99
75) Fluoranthene	12.692	202	1224878	40.792	ng	99
77) Benzidine	12.816	184	621122	89.331	ng	100
78) Pyrene	12.921	202	1240949	41.834	ng	99
80) Butylbenzylphthalate	13.533	149	506945	43.601	ng	99
81) Benzo(a)anthracene	14.110	228	1046098	42.711	ng	99
82) 3,3'-Dichlorobenzidine	14.074	252	221373	28.466	ng	99
83) Chrysene	14.151	228	986225	42.162	ng	99
84) Bis(2-ethylhexyl)phtha...	14.092	149	690566	44.788	ng	99
85) Di-n-octyl phthalate	14.710	149	1105142	46.251	ng	100
87) Indeno(1,2,3-cd)pyrene	17.186	276	1078597	48.782	ng	100
88) Benzo(b)fluoranthene	15.186	252	929709	44.685	ng	100
89) Benzo(k)fluoranthene	15.215	252	925305	44.143	ng	98
90) Benzo(a)pyrene	15.568	252	902687	52.305	ng	99
91) Dibenzo(a,h)anthracene	17.203	278	904160	50.988	ng	99
92) Benzo(g,h,i)perylene	17.656	276	971643	51.994	ng	98

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

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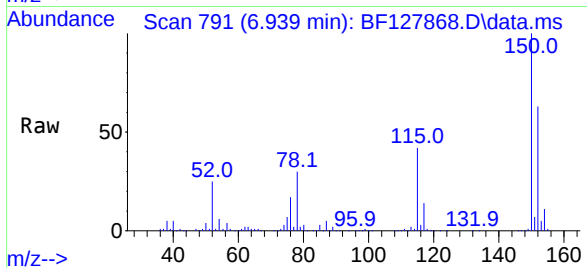
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.939 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF127868.D
Acq: 22 Apr 2022 23:51

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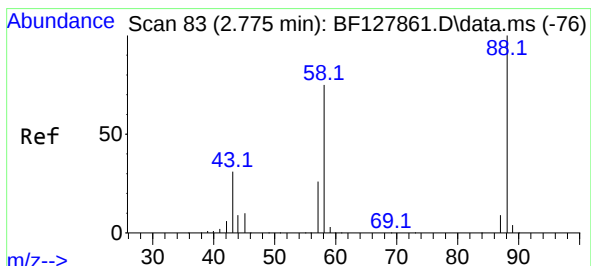
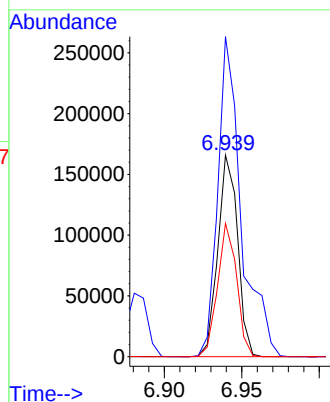
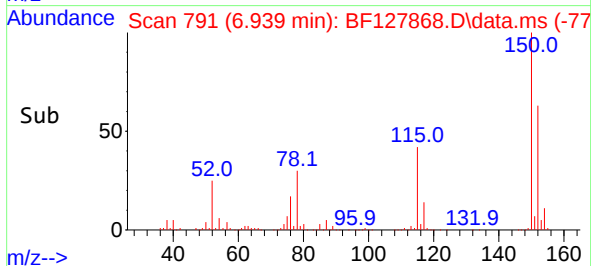


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Ion Ratio Lower Upper
152 100
150 158.8 125.3 187.9
115 66.1 48.8 73.2

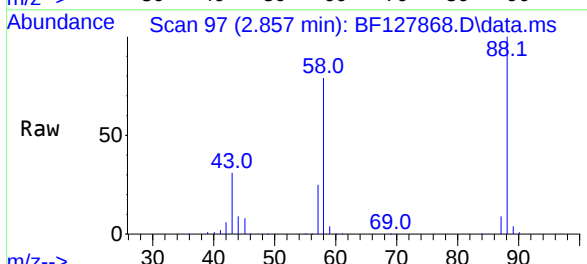
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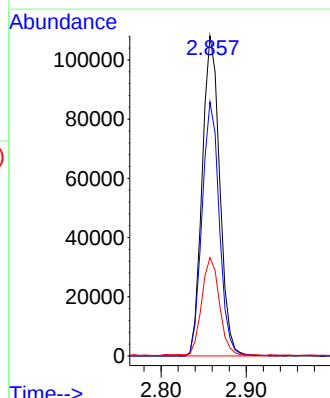
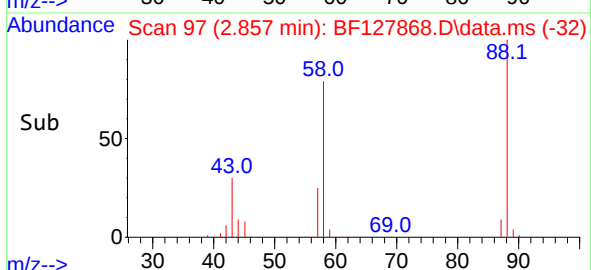
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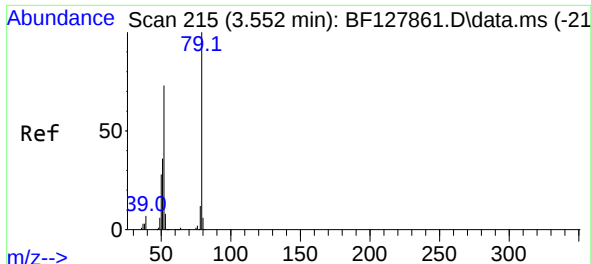


#2
1,4-Dioxane
Concen: 35.097 ng
RT: 2.857 min Scan# 97
Delta R.T. 0.082 min
Lab File: BF127868.D
Acq: 22 Apr 2022 23:51



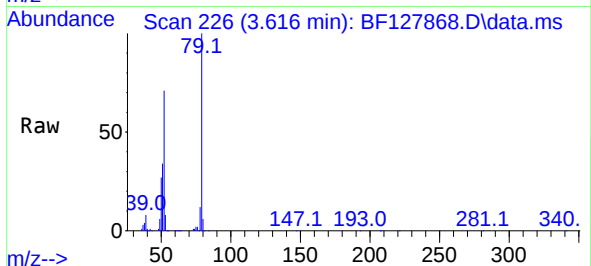
Tgt Ion: 88 Resp: 154393
Ion Ratio Lower Upper
88 100
58 78.3 61.0 91.4
43 30.9 24.9 37.3





#3
Pyridine
Concen: 37.524 ng
RT: 3.616 min Scan# 21
Delta R.T. 0.065 min
Lab File: BF127868.D
Acq: 22 Apr 2022 23:51

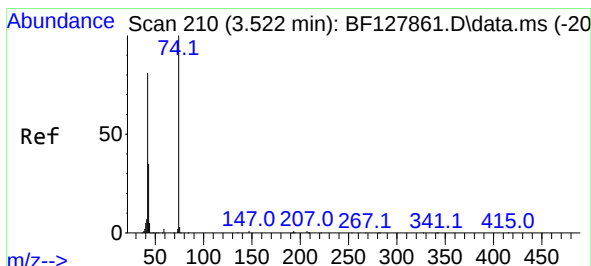
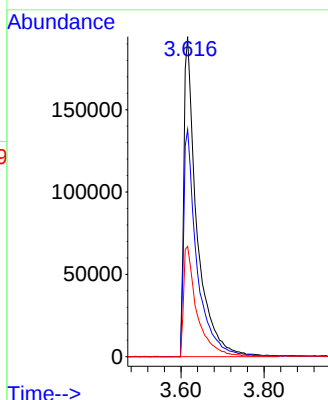
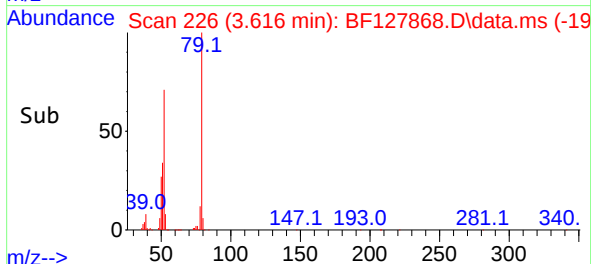
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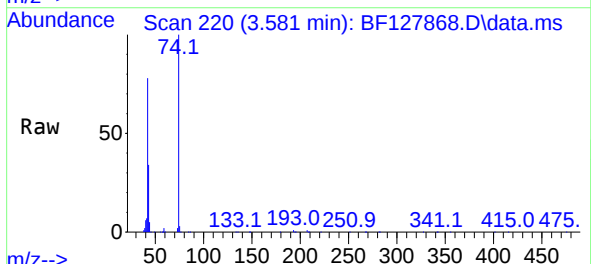
Tgt Ion: 79 Resp: 42295
Ion Ratio Lower Upper
79 100
52 71.0 58.3 87.5
51 34.5 28.6 42.8

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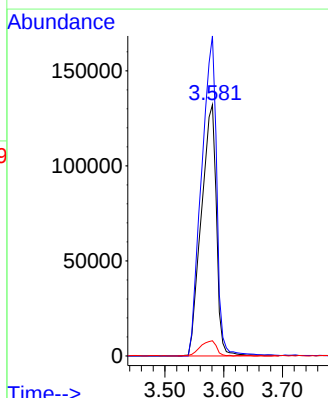
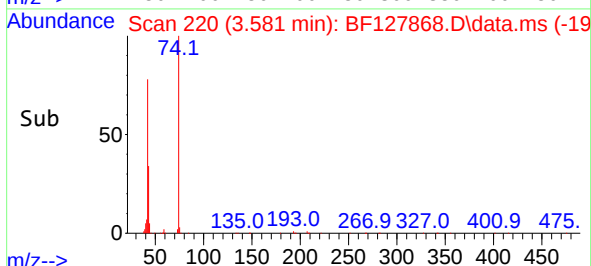
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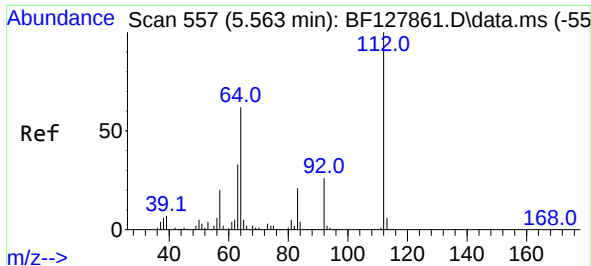


#4
n-Nitrosodimethylamine
Concen: 43.257 ng
RT: 3.581 min Scan# 220
Delta R.T. 0.059 min
Lab File: BF127868.D
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Tgt Ion: 42 Resp: 236008
Ion Ratio Lower Upper
42 100
74 127.4 99.0 148.4
44 6.1 5.2 7.8





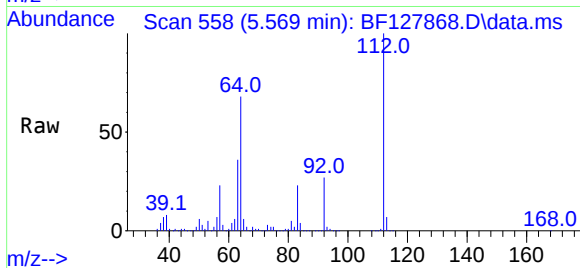
#5
2-Fluorophenol
Concen: 111.606 ng
RT: 5.569 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF127868.D
Acq: 22 Apr 2022 23:51

Instrument :

BNA_F

ClientSampleId :

PB144313BS

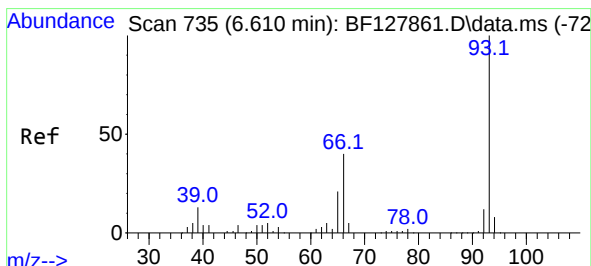
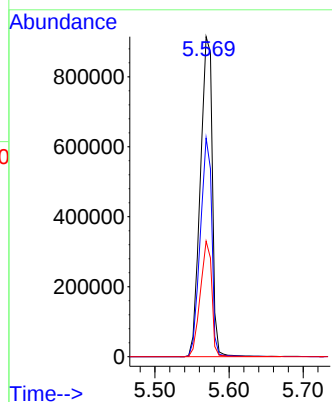
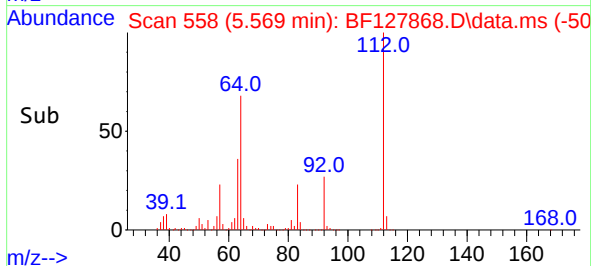


Tgt Ion: 112 Resp: 1029010
Ion Ratio Lower Upper
112 100
64 68.3 49.5 74.3
63 36.1 26.3 39.5

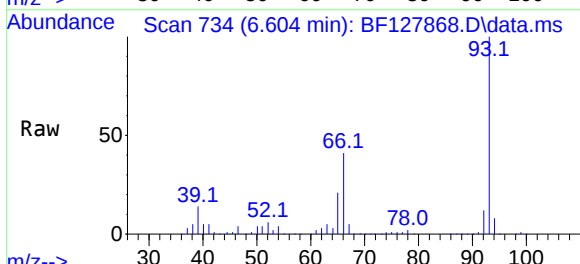
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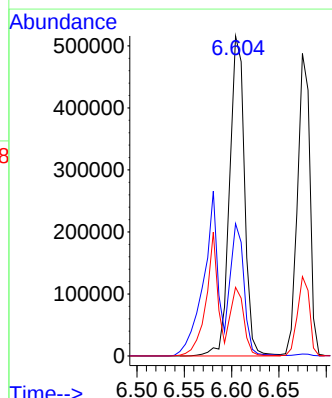
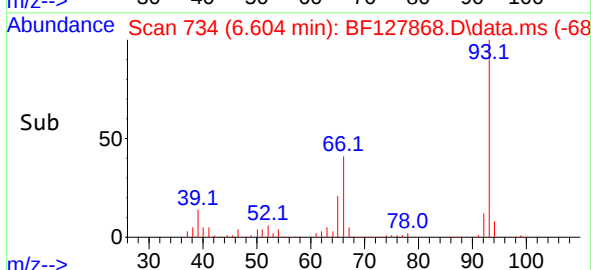
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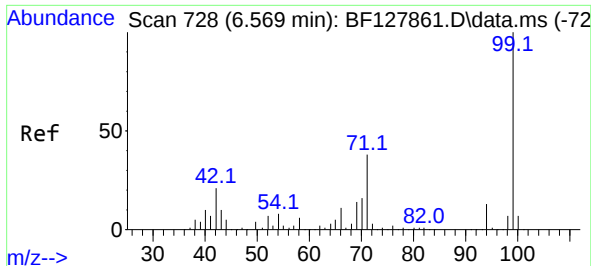


#6
Aniline
Concen: 39.918 ng
RT: 6.604 min Scan# 734
Delta R.T. -0.006 min
Lab File: BF127868.D
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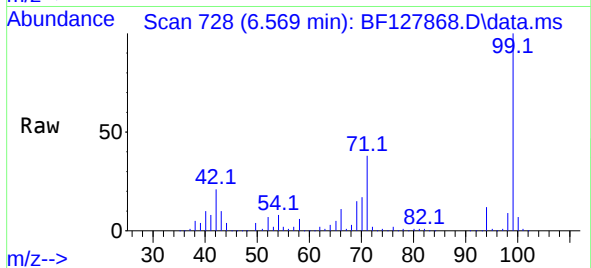
Tgt Ion: 93 Resp: 567397
Ion Ratio Lower Upper
93 100
66 41.3 32.2 48.4
65 21.4 16.7 25.1





#7
Phenol-d6
Concen: 111.102 ng
RT: 6.569 min Scan# 712
Delta R.T. -0.000 min
Lab File: BF127868.D
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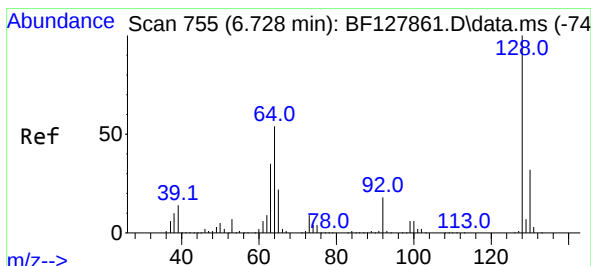
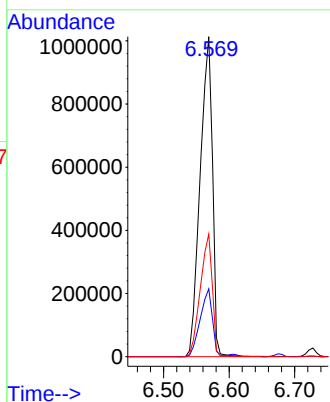
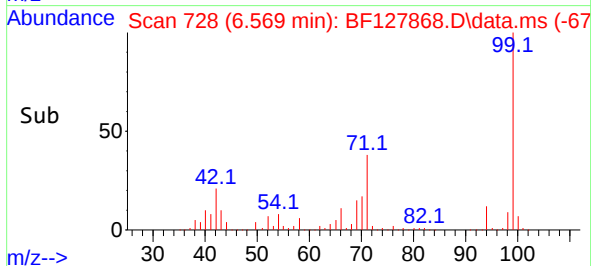
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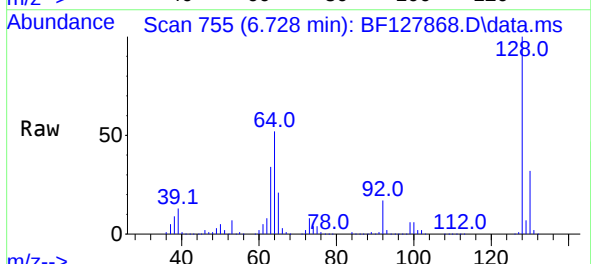
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Ion Ratio Lower Upper
99 100
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71 38.3 30.0 45.0

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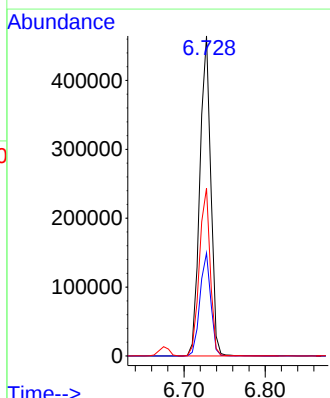
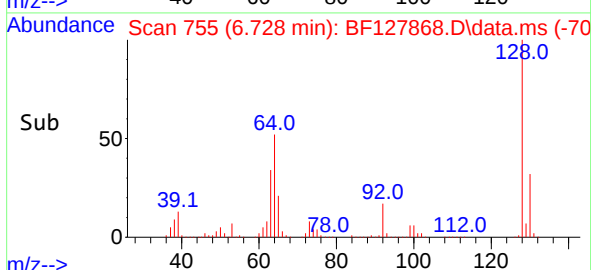
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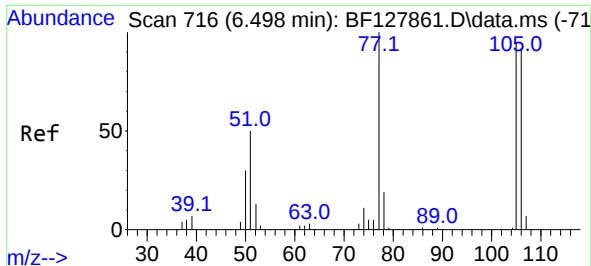


#8
2-Chlorophenol
Concen: 45.442 ng
RT: 6.728 min Scan# 755
Delta R.T. -0.000 min
Lab File: BF127868.D
Acq: 22 Apr 2022 23:51



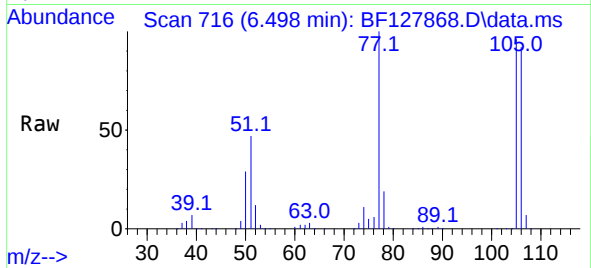
Tgt Ion:128 Resp: 434853
Ion Ratio Lower Upper
128 100
130 32.1 11.6 51.6
64 52.4 33.8 73.8





#9
Benzaldehyde
Concen: 39.565 ng
RT: 6.498 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF127868.D
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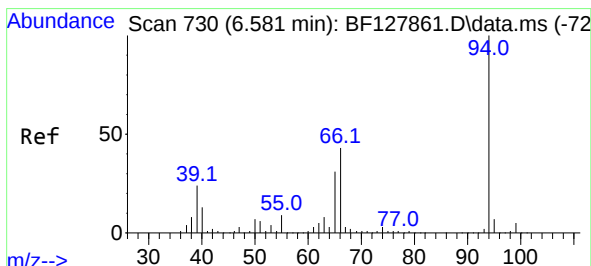
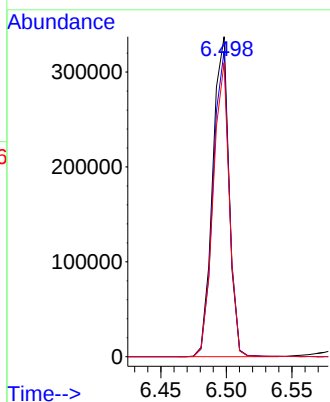
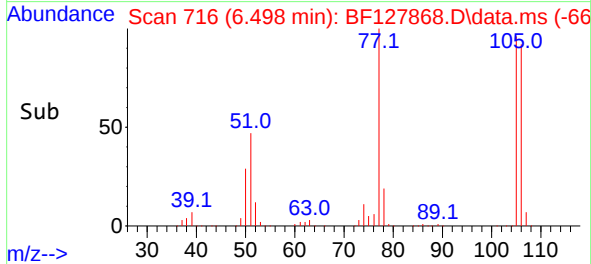
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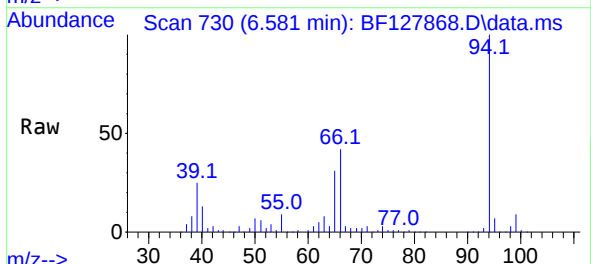
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Ion Ratio Lower Upper
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105 95.5 74.9 114.9
106 91.9 72.2 112.2

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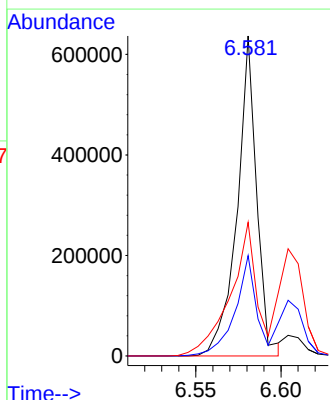
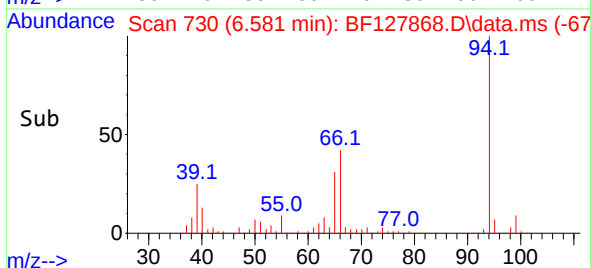
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022

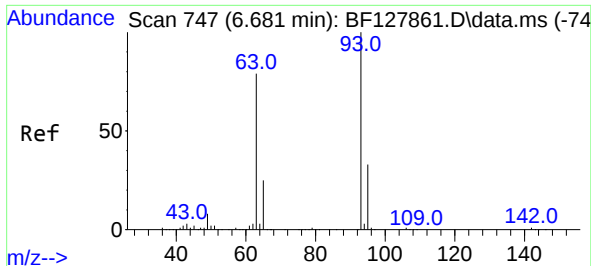


#10
Phenol
Concen: 42.262 ng
RT: 6.581 min Scan# 730
Delta R.T. -0.000 min
Lab File: BF127868.D
Acq: 22 Apr 2022 23:51



Tgt Ion: 94 Resp: 509951
Ion Ratio Lower Upper
94 100
65 31.4 10.6 50.6
66 41.8 22.6 62.6





#11

bis(2-Chloroethyl)ether

Concen: 44.126 ng

RT: 6.675 min Scan# 74

Delta R.T. -0.006 min

Lab File: BF127868.D

Acq: 22 Apr 2022 23:51

Instrument :

BNA_F

ClientSampleId :

PB144313BS

Tgt Ion: 93 Resp: 441679

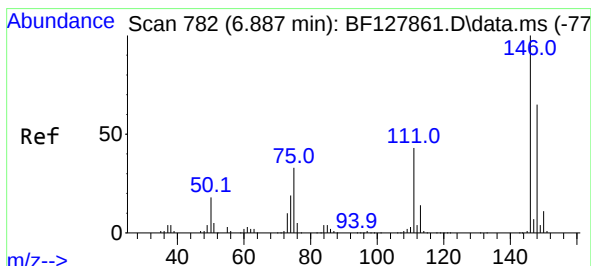
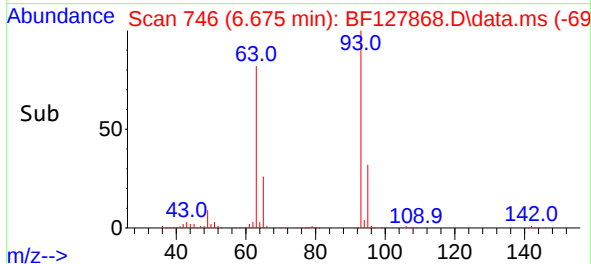
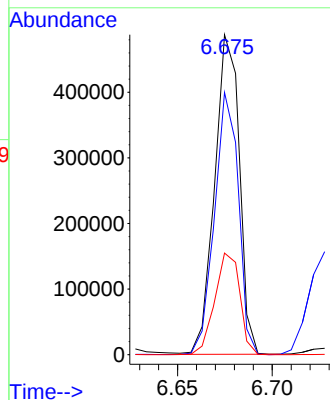
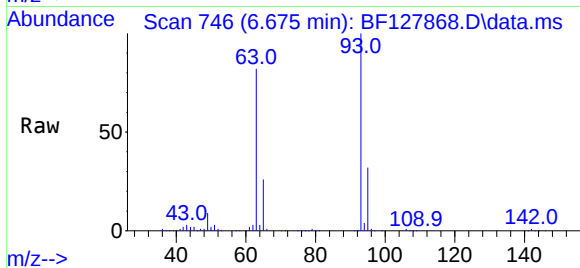
Ion	Ratio	Lower	Upper
93	100		
63	81.9	58.6	98.6
95	31.8	12.9	52.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/25/2022

Supervised By :Jagrut Upadhyay 04/25/2022



#12

1,3-Dichlorobenzene

Concen: 43.002 ng

RT: 6.881 min Scan# 781

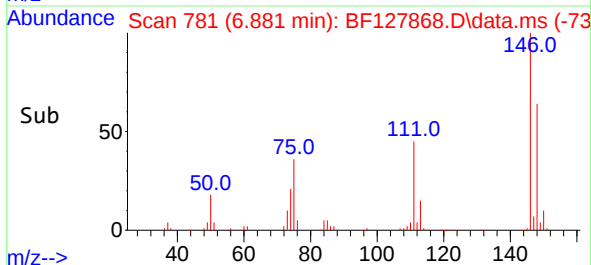
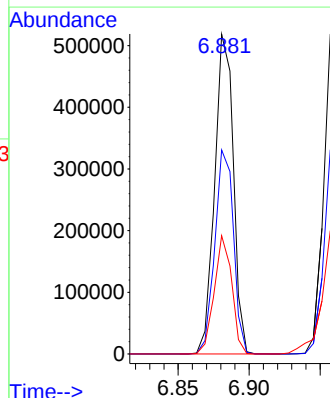
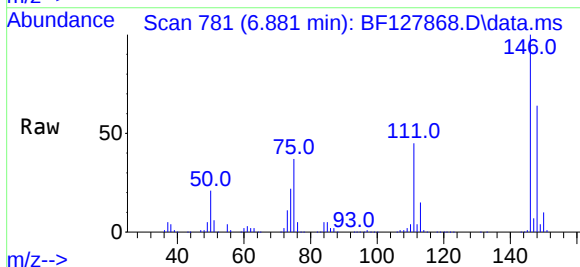
Delta R.T. -0.006 min

Lab File: BF127868.D

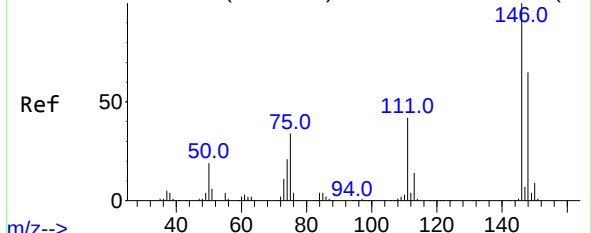
Acq: 22 Apr 2022 23:51

Tgt Ion:146 Resp: 473678

Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.1	78.1
75	37.0	26.2	39.4

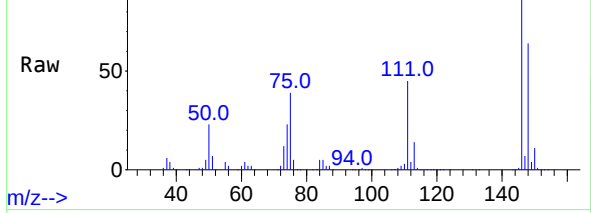


Abundance Scan 795 (6.963 min): BF127861.D\data.ms (-78



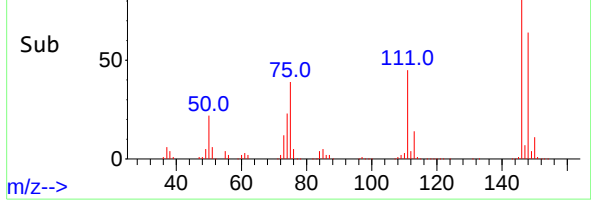
m/z-->

Abundance Scan 794 (6.957 min): BF127868.D\data.ms



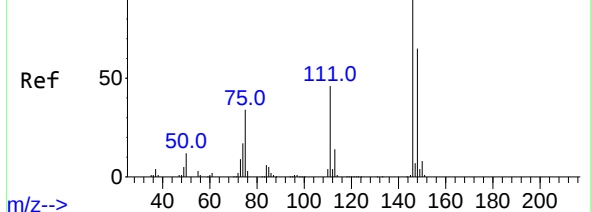
m/z-->

Abundance Scan 794 (6.957 min): BF127868.D\data.ms (-74



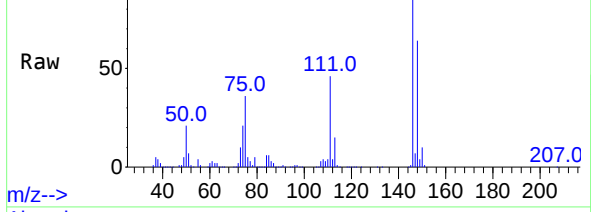
m/z-->

Abundance Scan 821 (7.116 min): BF127861.D\data.ms (-81



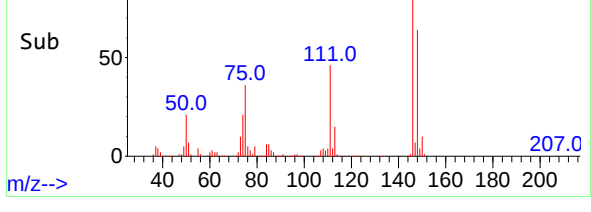
m/z-->

Abundance Scan 820 (7.110 min): BF127868.D\data.ms



m/z-->

Abundance Scan 820 (7.110 min): BF127868.D\data.ms (-77



m/z-->

#13

1,4-Dichlorobenzene

Concen: 42.980 ng

RT: 6.957 min Scan# 794

Delta R.T. -0.006 min

Lab File: BF127868.D

Acq: 22 Apr 2022 23:51

Tgt Ion:146 Resp: 472560

Ion Ratio Lower Upper

146 100

148 63.8 52.3 78.5

111 44.6 33.9 50.9

Instrument :

BNA_F

ClientSampleId :

PB144313BS

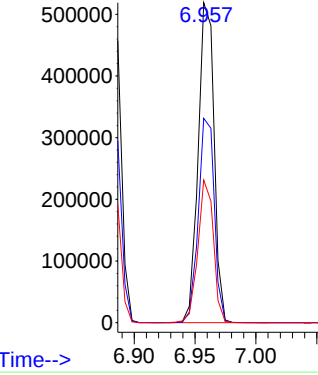
Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/25/2022

Supervised By :Jagrut Upadhyay 04/25/2022

Abundance



Time-->

#14

1,2-Dichlorobenzene

Concen: 44.593 ng

RT: 7.110 min Scan# 820

Delta R.T. -0.006 min

Lab File: BF127868.D

Acq: 22 Apr 2022 23:51

Tgt Ion:146 Resp: 453894

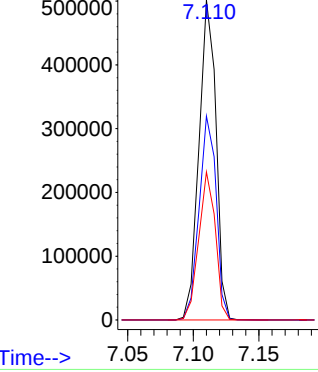
Ion Ratio Lower Upper

146 100

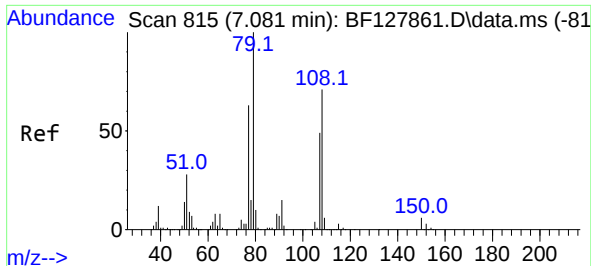
148 63.7 51.8 77.6

111 46.2 36.6 55.0

Abundance

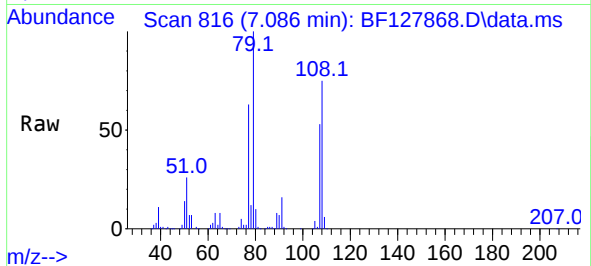


Time-->



#15
Benzyl Alcohol
Concen: 44.583 ng
RT: 7.086 min Scan# 815
Delta R.T. 0.006 min
Lab File: BF127868.D
Acq: 22 Apr 2022 23:51

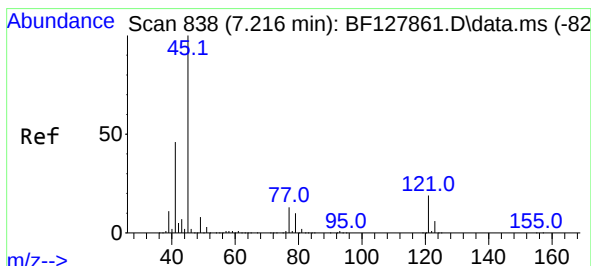
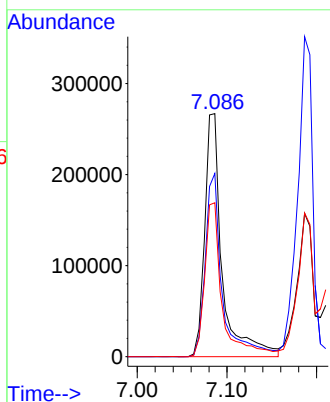
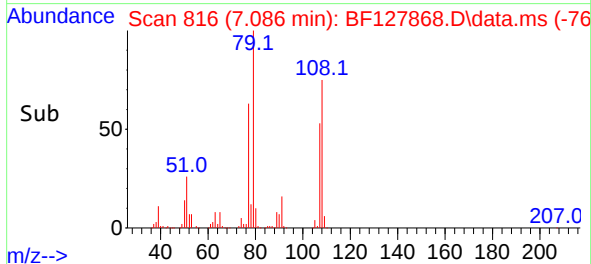
Instrument :
BNA_F
ClientSampleId :
PB144313BS



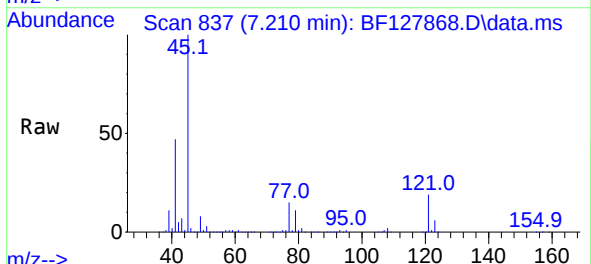
Tgt Ion: 79 Resp: 362715
Ion Ratio Lower Upper
79 100
108 75.4 57.0 85.6
77 63.4 50.2 75.4

Manual Integrations
APPROVED

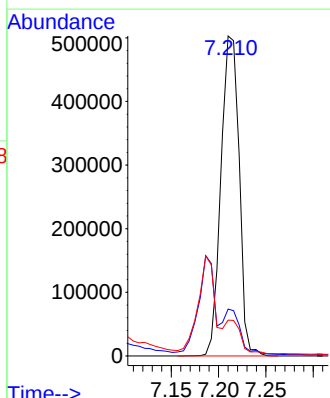
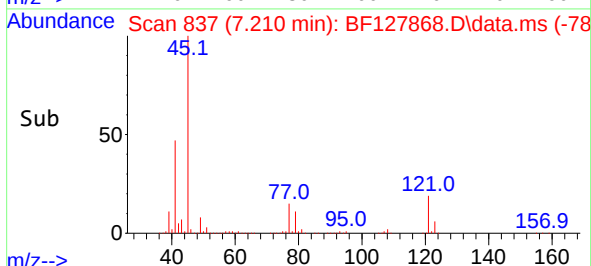
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022

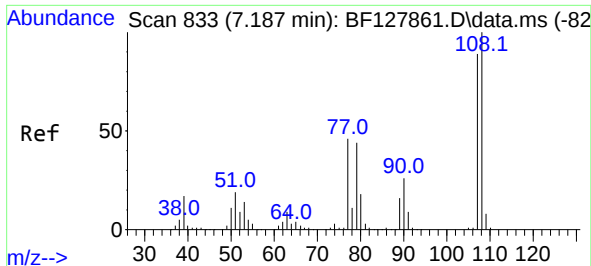


#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.034 ng
RT: 7.210 min Scan# 837
Delta R.T. -0.006 min
Lab File: BF127868.D
Acq: 22 Apr 2022 23:51



Tgt Ion: 45 Resp: 673629
Ion Ratio Lower Upper
45 100
77 14.6 0.0 34.9
79 11.2 0.0 31.6





#17
2-Methylphenol
Concen: 41.572 ng
RT: 7.186 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF127868.D
Acq: 22 Apr 2022 23:51

Instrument :

BNA_F

ClientSampleId :

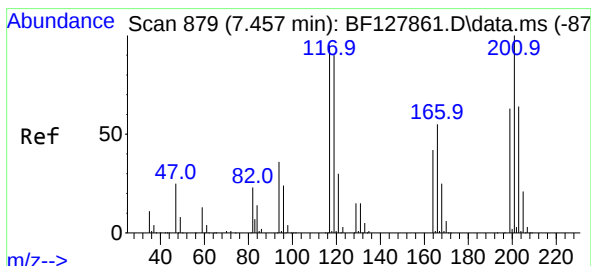
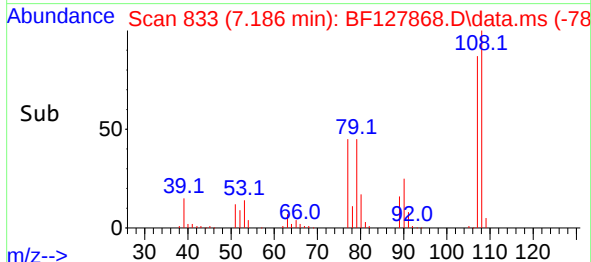
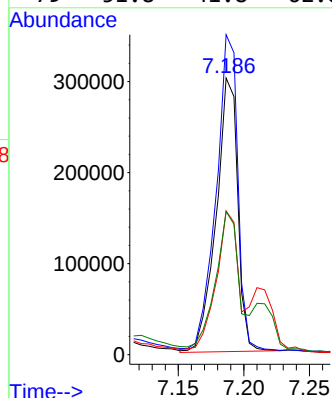
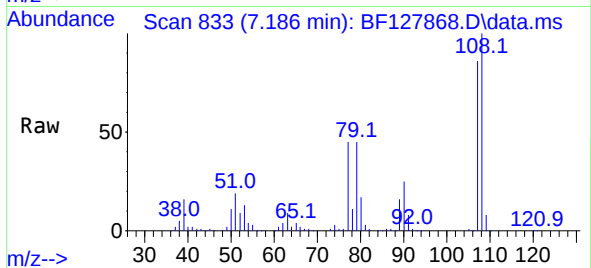
PB144313BS

Tgt Ion:107 Resp: 343245
Ion Ratio Lower Upper
107 100
108 115.7 90.2 135.2
77 51.9 41.9 62.9
79 51.8 41.8 62.8

Manual Integrations

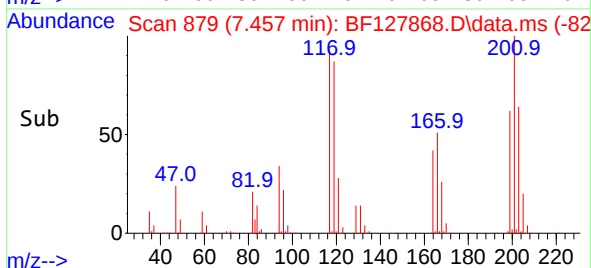
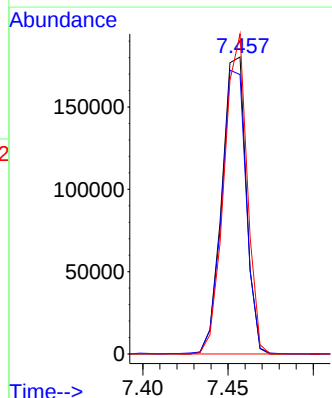
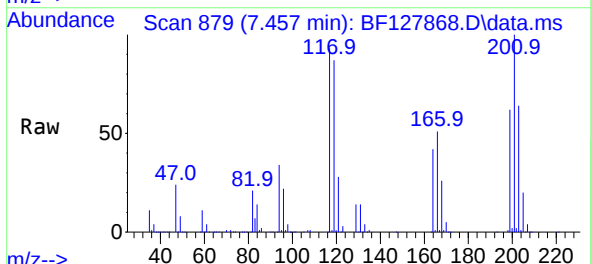
APPROVED

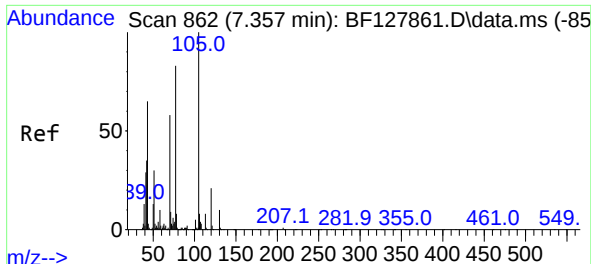
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#18
Hexachloroethane
Concen: 44.291 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.000 min
Lab File: BF127868.D
Acq: 22 Apr 2022 23:51

Tgt Ion:117 Resp: 179031
Ion Ratio Lower Upper
117 100
119 94.1 76.2 114.4
201 107.8 84.4 126.6





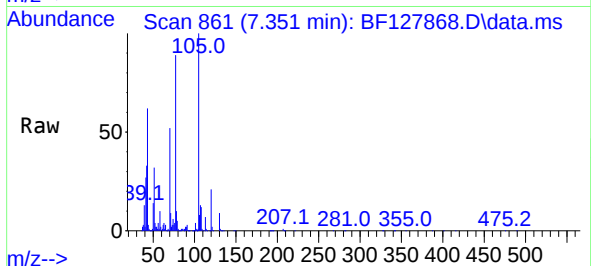
#19
n-Nitroso-di-n-propylamine
Concen: 43.163 ng
RT: 7.351 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF127868.D
Acq: 22 Apr 2022 23:51

Instrument :

BNA_F

ClientSampleId :

PB144313BS

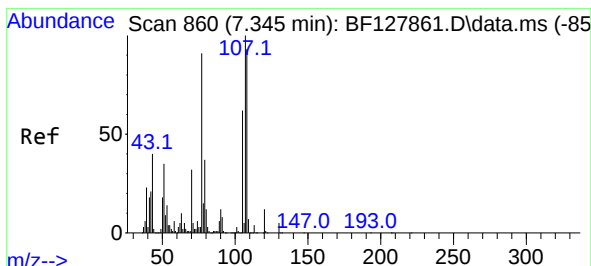
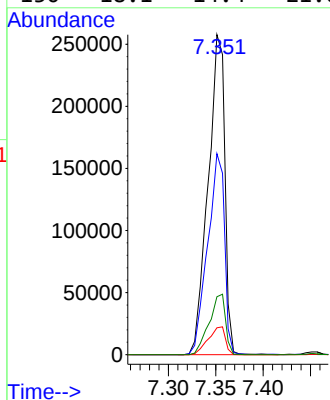
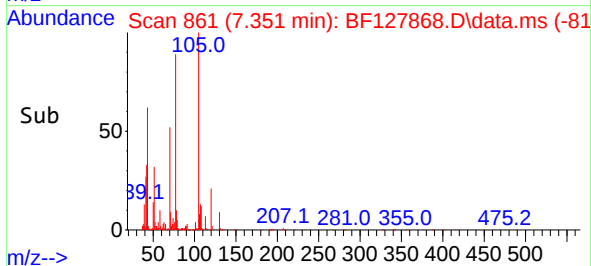


Tgt Ion: 70 Resp: 31610
Ion Ratio Lower Upper
70 100
42 62.8 48.7 73.1
101 8.4 7.2 10.8
130 18.1 14.4 21.6

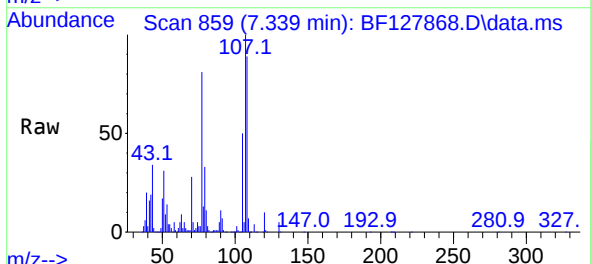
Manual Integrations

APPROVED

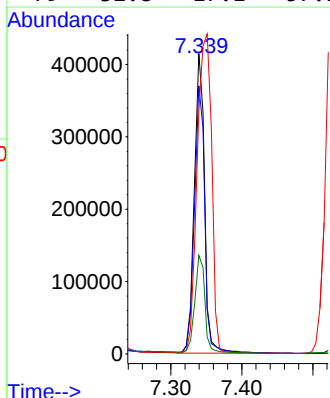
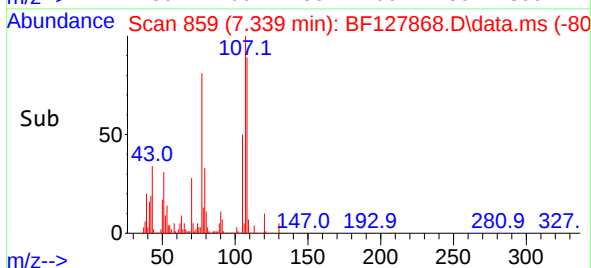
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022

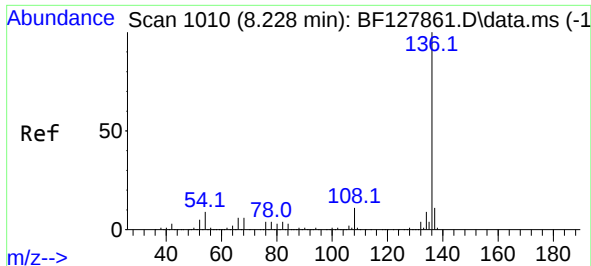


#20
3+4-Methylphenols
Concen: 41.771 ng
RT: 7.339 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF127868.D
Acq: 22 Apr 2022 23:51



Tgt Ion:107 Resp: 416628
Ion Ratio Lower Upper
107 100
108 89.3 73.4 113.4
77 81.1 71.1 111.1
79 32.8 17.1 57.1





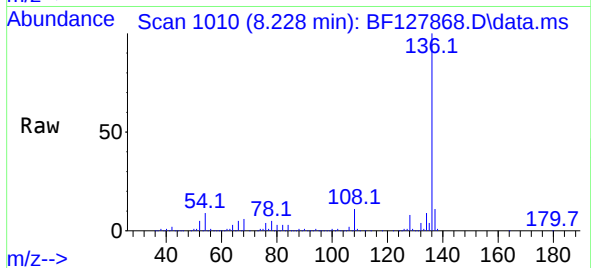
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BF127868.D
Acq: 22 Apr 2022 23:51

Instrument :

BNA_F

ClientSampleId :

PB144313BS

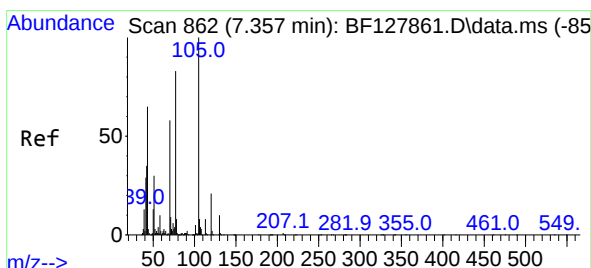
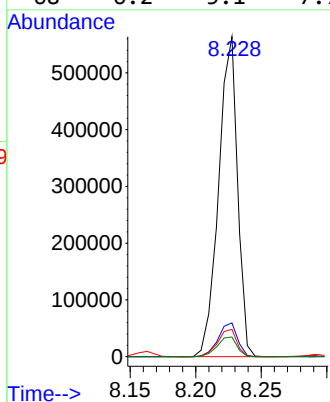
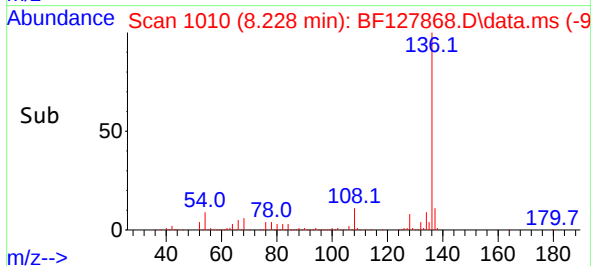


Tgt Ion:136 Resp: 56471
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 8.6 6.8 10.2
68 6.2 5.1 7.7

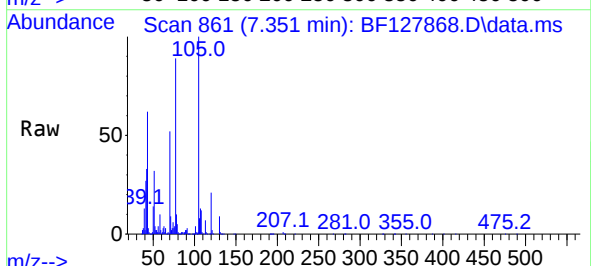
Manual Integrations

APPROVED

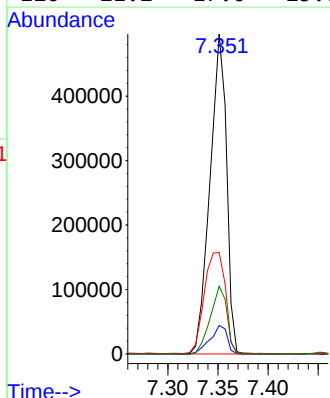
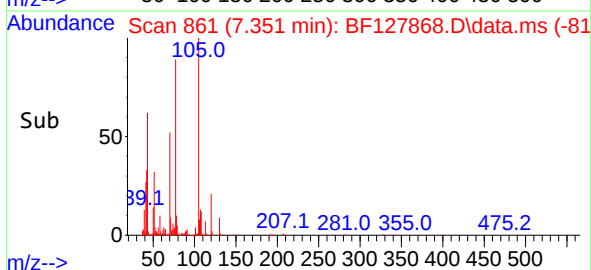
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#22
Acetophenone
Concen: 41.547 ng
RT: 7.351 min Scan# 861
Delta R.T. -0.006 min
Lab File: BF127868.D
Acq: 22 Apr 2022 23:51



Tgt Ion:105 Resp: 571847
Ion Ratio Lower Upper
105 100
71 8.9 7.3 10.9
51 31.7 23.7 35.5
120 21.2 17.0 25.6





#23

Nitrobenzene-d5

Concen: 79.554 ng

RT: 7.510 min Scan# 888

Delta R.T. -0.000 min

Lab File: BF127868.D

Acq: 22 Apr 2022 23:51

Instrument :

BNA_F

ClientSampleId :

PB144313BS

Tgt Ion: 82 Resp: 95536

Ion Ratio Lower Upper

82 100

128 39.2 30.0 45.0

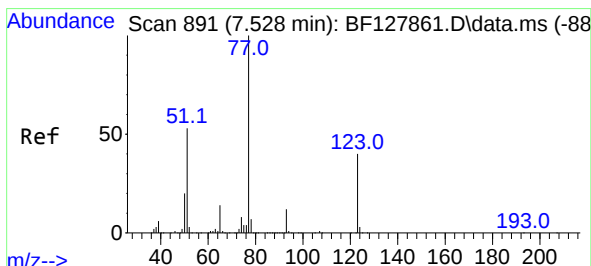
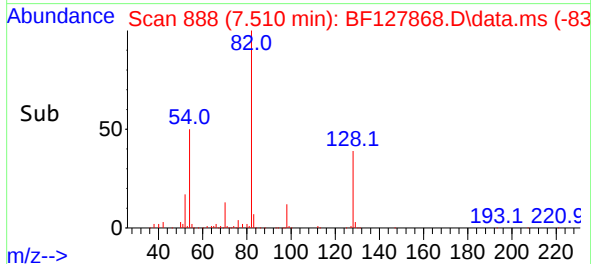
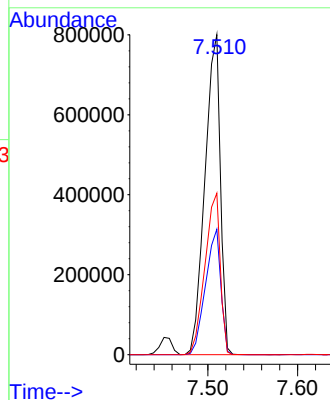
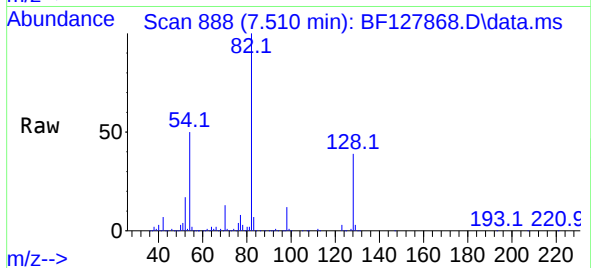
54 50.5 41.3 61.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/25/2022

Supervised By :Jagrut Upadhyay 04/25/2022



#24

Nitrobenzene

Concen: 43.368 ng

RT: 7.528 min Scan# 891

Delta R.T. -0.000 min

Lab File: BF127868.D

Acq: 22 Apr 2022 23:51

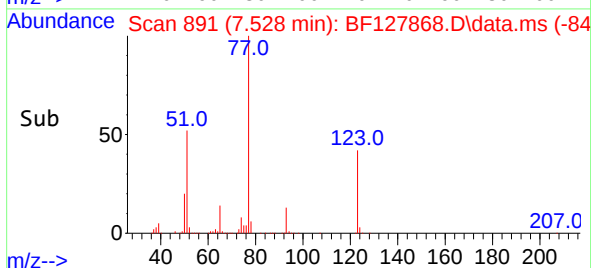
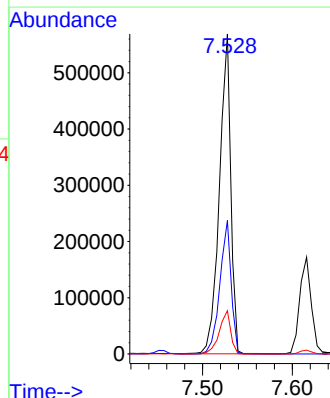
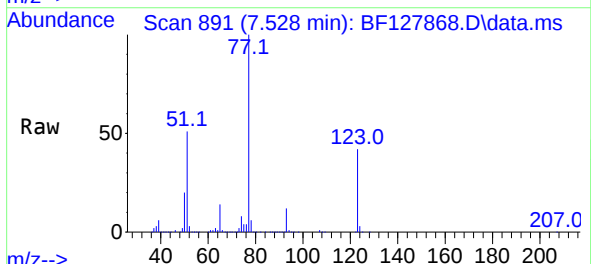
Tgt Ion: 77 Resp: 501845

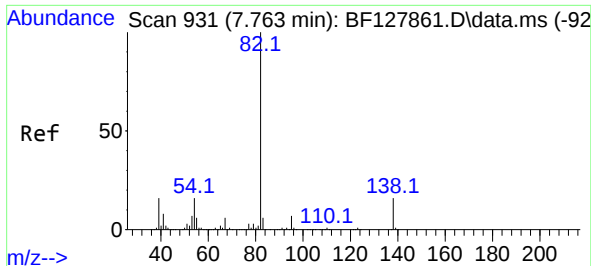
Ion Ratio Lower Upper

77 100

123 41.7 32.0 48.0

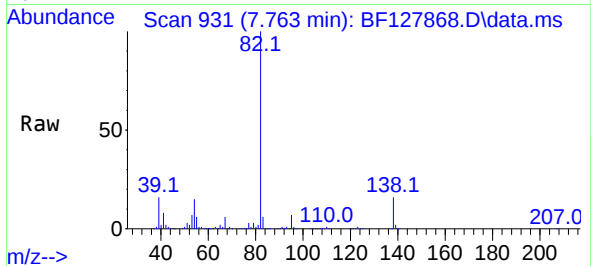
65 13.5 11.0 16.6





#25
Isophorone
Concen: 45.213 ng
RT: 7.763 min Scan# 913
Delta R.T. -0.000 min
Lab File: BF127868.D
Acq: 22 Apr 2022 23:51

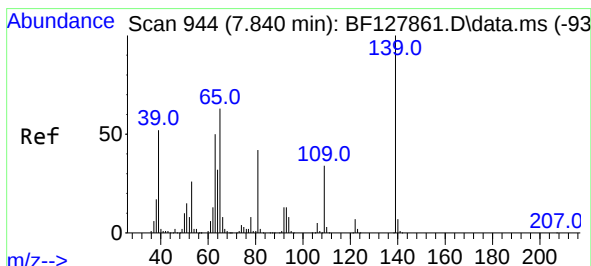
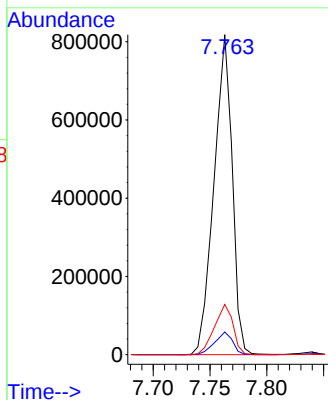
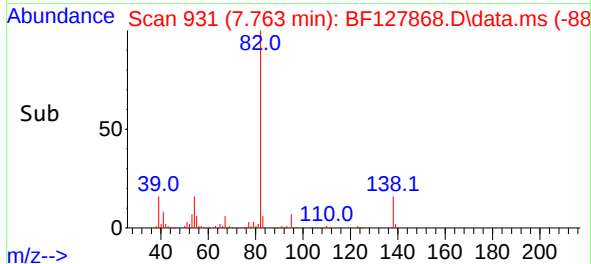
Instrument :
BNA_F
ClientSampleId :
PB144313BS



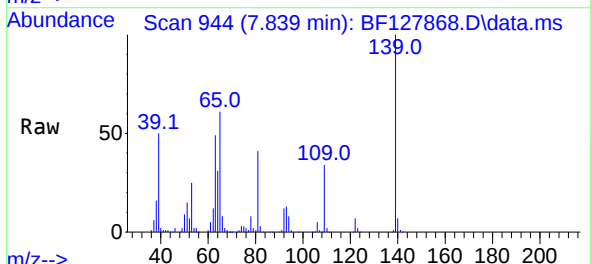
Tgt Ion: 82 Resp: 91384
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 15.7 12.5 18.7

Manual Integrations
APPROVED

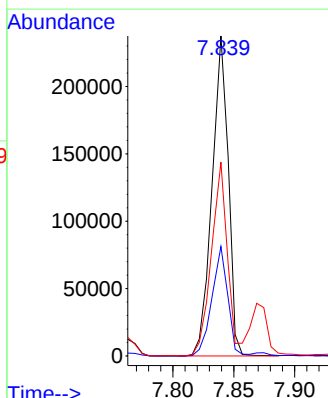
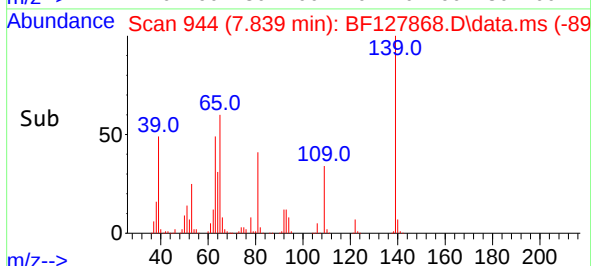
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022

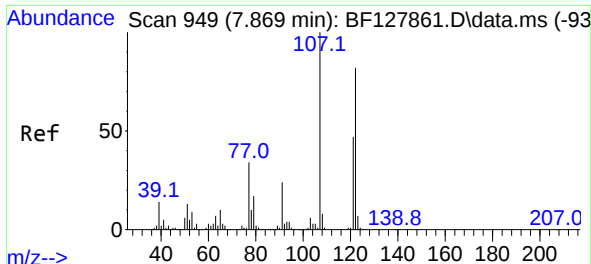


#26
2-Nitrophenol
Concen: 44.597 ng
RT: 7.839 min Scan# 944
Delta R.T. -0.000 min
Lab File: BF127868.D
Acq: 22 Apr 2022 23:51



Tgt Ion:139 Resp: 219913
Ion Ratio Lower Upper
139 100
109 34.2 27.4 41.2
65 60.6 50.8 76.2





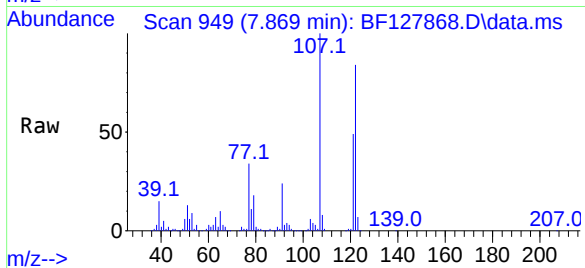
#27
2,4-Dimethylphenol
Concen: 48.271 ng
RT: 7.869 min Scan# 949
Delta R.T. -0.000 min
Lab File: BF127868.D
Acq: 22 Apr 2022 23:51

Instrument :

BNA_F

ClientSampleId :

PB144313BS

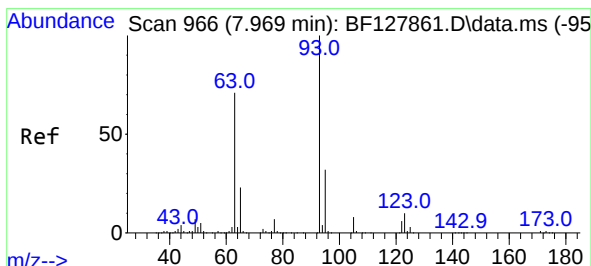
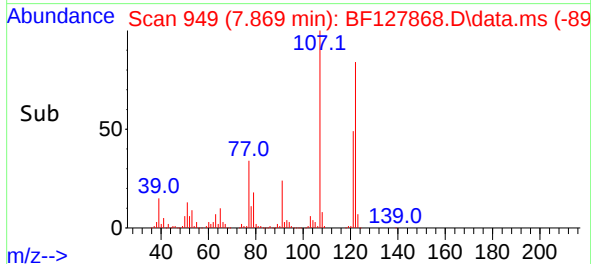
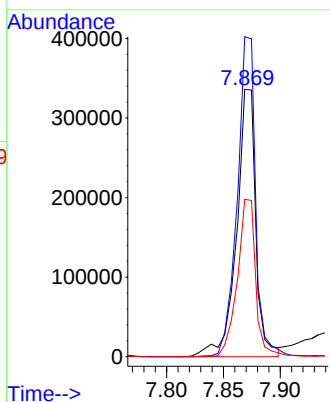


Tgt Ion:122 Resp: 395364
Ion Ratio Lower Upper
122 100
107 119.7 97.5 146.3
121 58.9 46.0 69.0

Manual Integrations

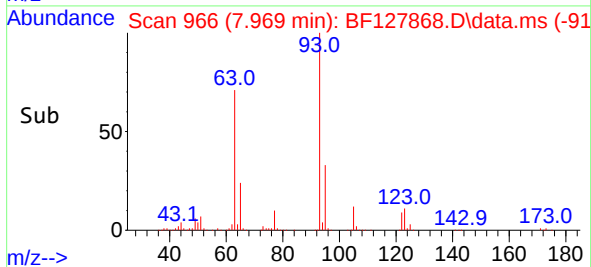
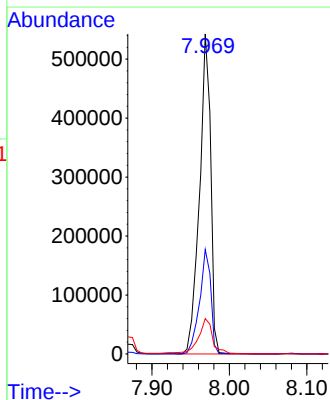
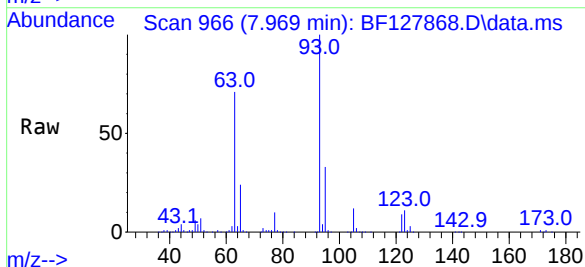
APPROVED

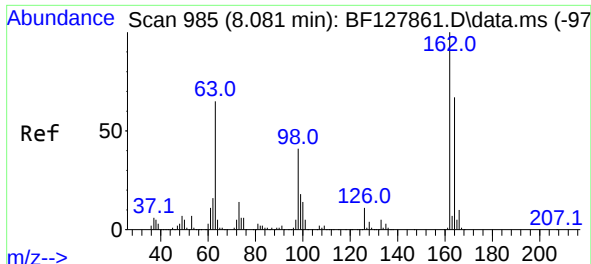
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#28
bis(2-Chloroethoxy)methane
Concen: 42.063 ng
RT: 7.969 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF127868.D
Acq: 22 Apr 2022 23:51

Tgt Ion: 93 Resp: 544856
Ion Ratio Lower Upper
93 100
95 32.7 25.7 38.5
123 11.1 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 41.957 ng

RT: 8.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF127868.D

Acq: 22 Apr 2022 23:51

Instrument :

BNA_F

ClientSampleId :

PB144313BS

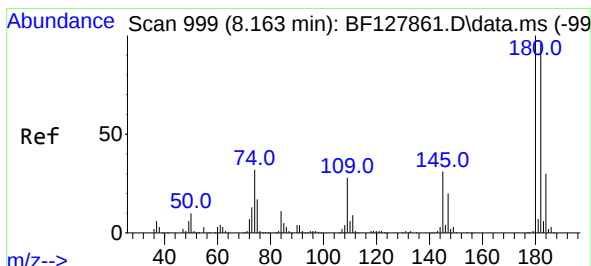
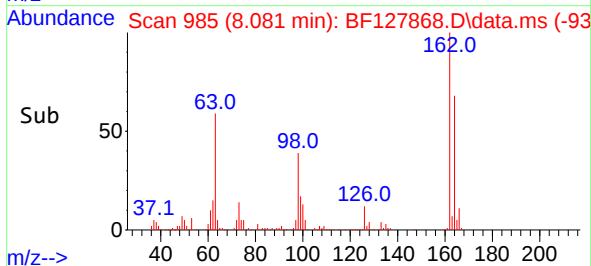
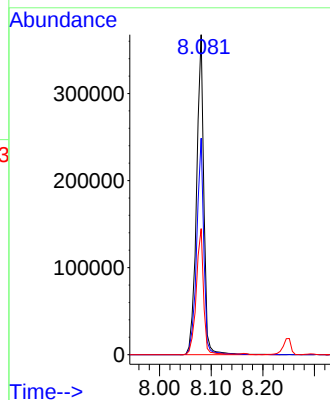
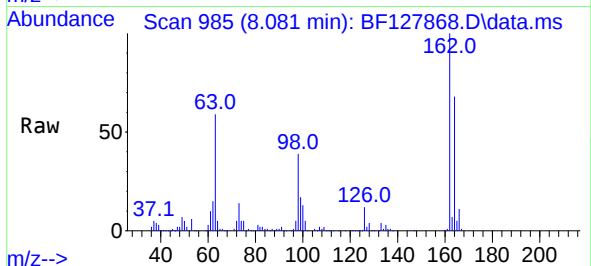
Tgt Ion:162 Resp: 36001

Ion	Ratio	Lower	Upper
162	100		
164	67.7	47.1	87.1
98	39.4	20.7	60.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#30

1,2,4-Trichlorobenzene

Concen: 41.459 ng

RT: 8.163 min Scan# 999

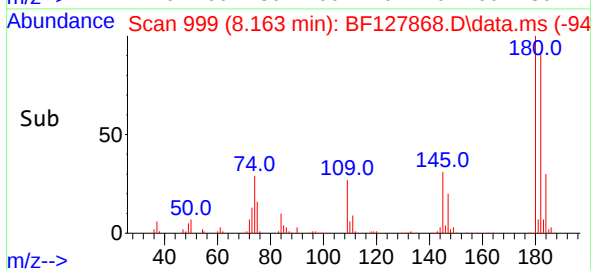
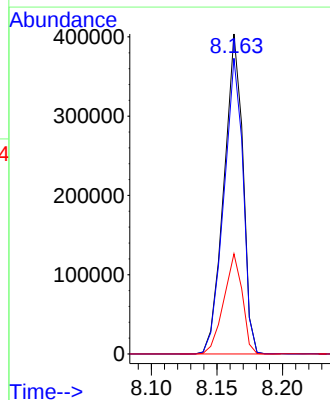
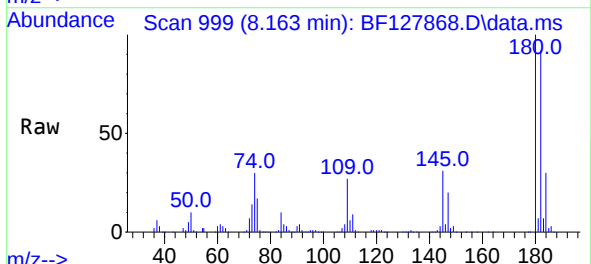
Delta R.T. -0.000 min

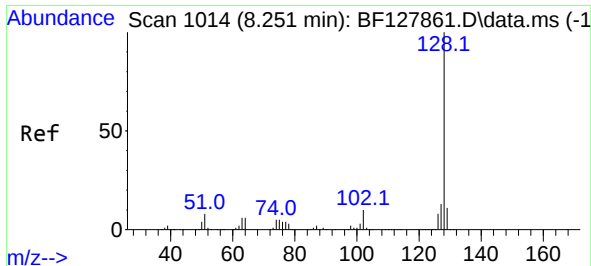
Lab File: BF127868.D

Acq: 22 Apr 2022 23:51

Tgt Ion:180 Resp: 404100

Ion	Ratio	Lower	Upper
180	100		
182	92.4	76.4	114.6
145	31.3	25.1	37.7





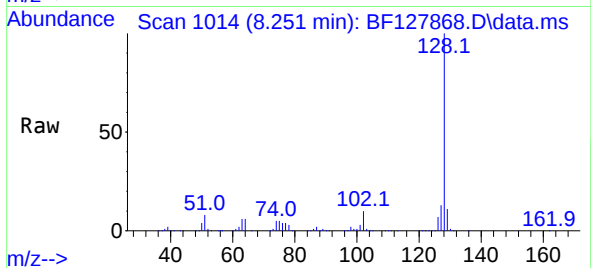
#31
Naphthalene
Concen: 42.097 ng
RT: 8.251 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BF127868.D
Acq: 22 Apr 2022 23:51

Instrument :

BNA_F

ClientSampleId :

PB144313BS

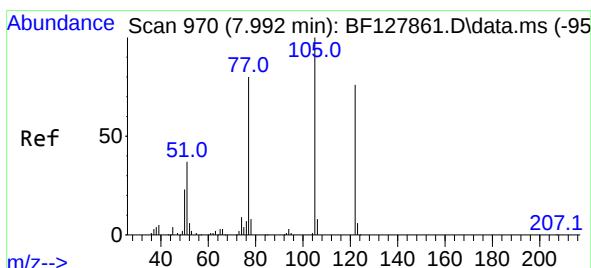
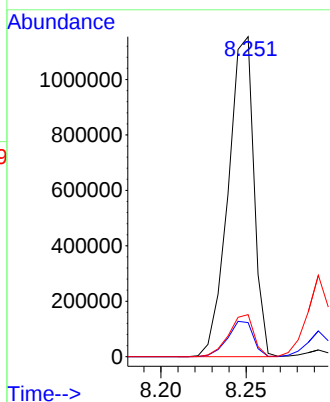
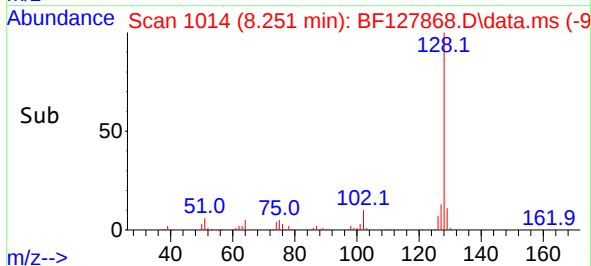


Tgt Ion:128 Resp: 1210784
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.4
127 13.1 10.6 16.0

Manual Integrations

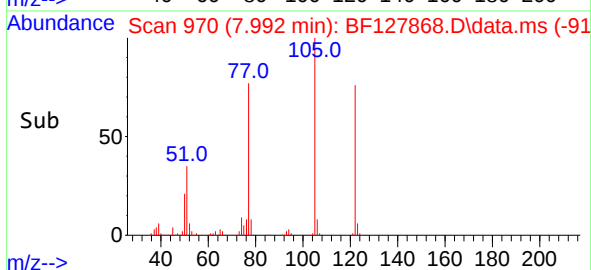
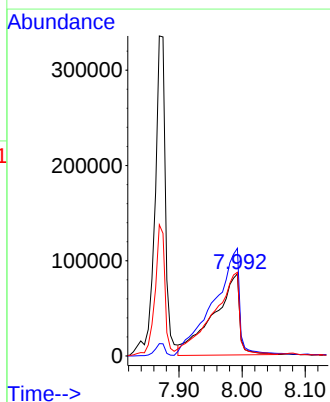
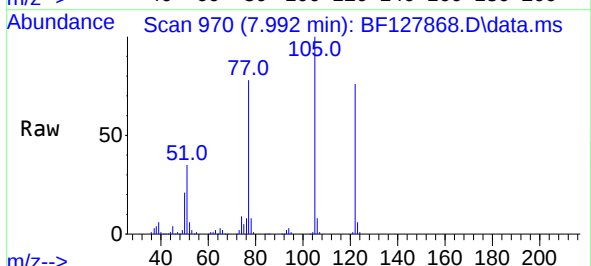
APPROVED

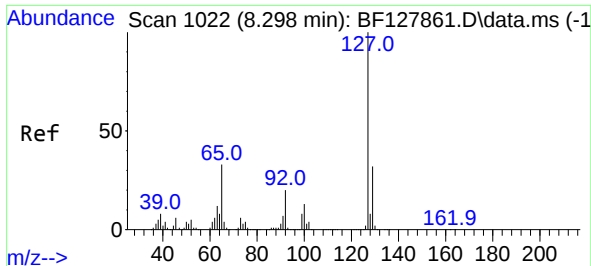
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#32
Benzoic acid
Concen: 41.898 ng
RT: 7.992 min Scan# 970
Delta R.T. -0.000 min
Lab File: BF127868.D
Acq: 22 Apr 2022 23:51

Tgt Ion:122 Resp: 245966
Ion Ratio Lower Upper
122 100
105 131.2 107.9 147.9
77 102.1 82.5 122.5





#33
4-Chloroaniline
Concen: 24.408 ng
RT: 8.292 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF127868.D
Acq: 22 Apr 2022 23:51

Instrument :

BNA_F

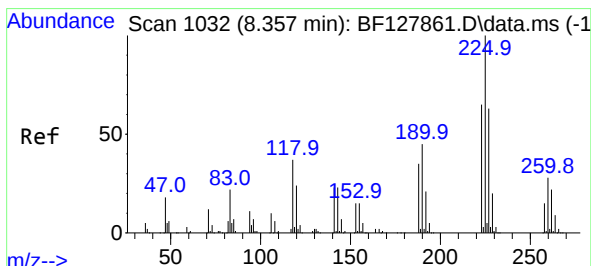
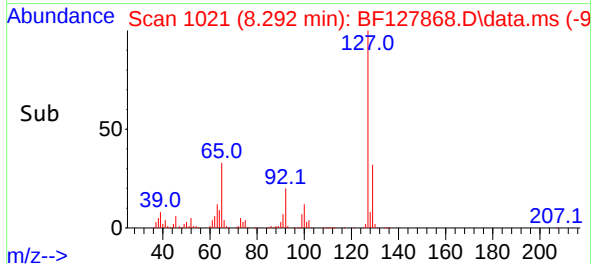
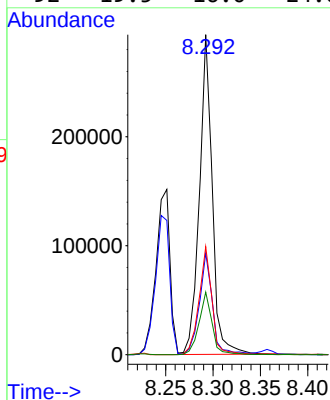
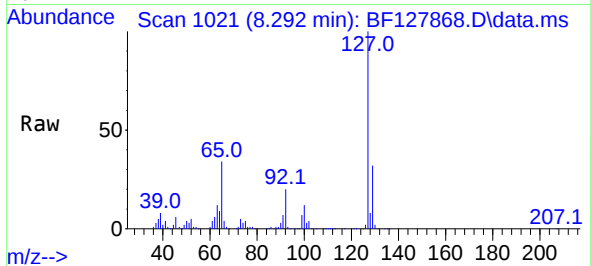
ClientSampleId :

PB144313BS

Tgt Ion:127 Resp: 27776
Ion Ratio Lower Upper
127 100
129 31.7 25.8 38.8
65 33.7 26.7 40.1
92 19.5 16.0 24.0

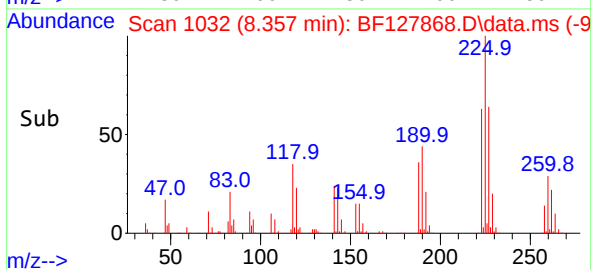
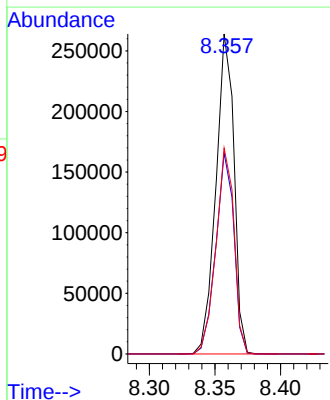
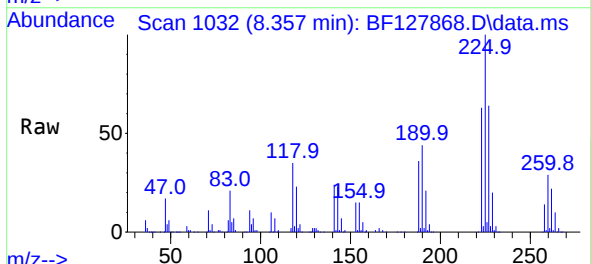
Manual Integrations
APPROVED

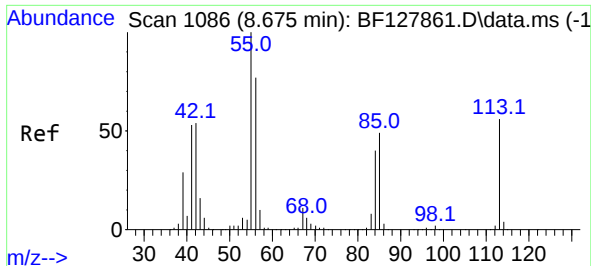
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#34
Hexachlorobutadiene
Concen: 41.207 ng
RT: 8.357 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF127868.D
Acq: 22 Apr 2022 23:51

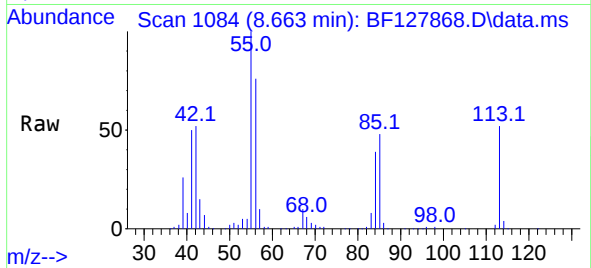
Tgt Ion:225 Resp: 252982
Ion Ratio Lower Upper
225 100
223 62.9 52.0 78.0
227 64.3 50.7 76.1





#35
Caprolactam
Concen: 41.003 ng m
RT: 8.663 min Scan# 1086
Delta R.T. -0.012 min
Lab File: BF127868.D
Acq: 22 Apr 2022 23:51

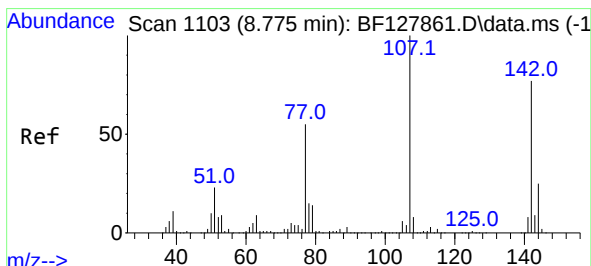
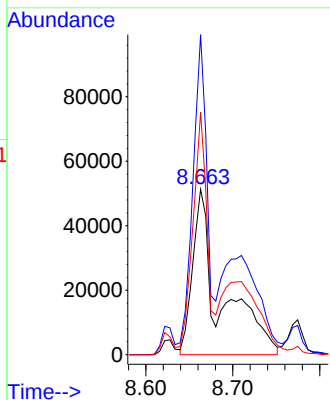
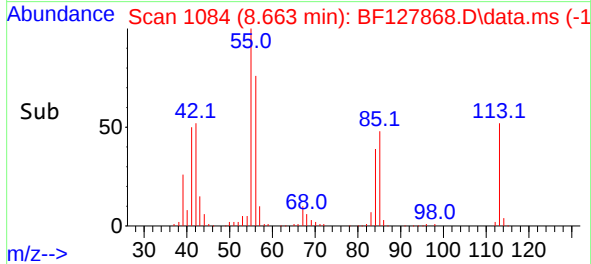
Instrument :
BNA_F
ClientSampleId :
PB144313BS



Tgt Ion:113 Resp: 11356
Ion Ratio Lower Upper
113 100
55 193.3 157.4 197.4
56 146.7 116.1 156.1

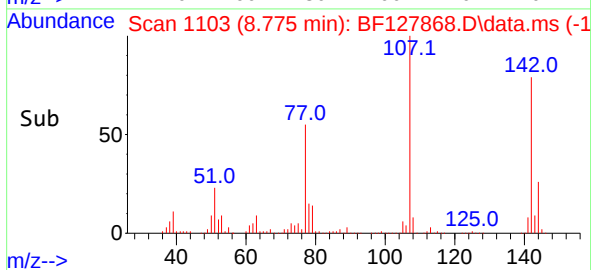
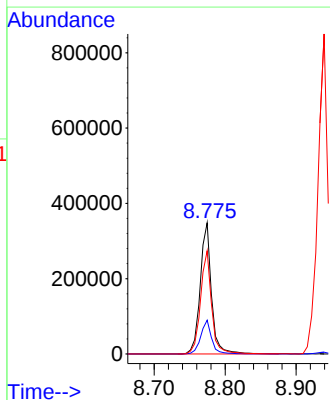
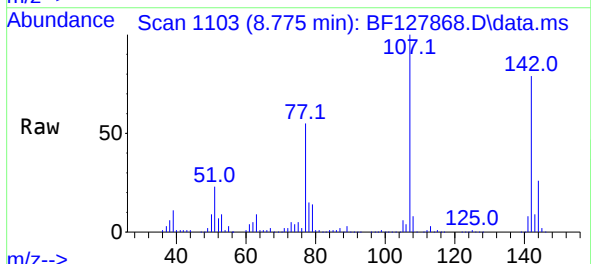
Manual Integrations
APPROVED

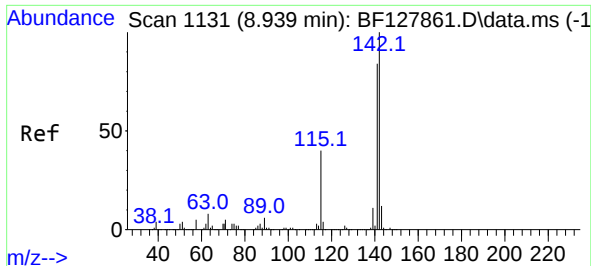
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#36
4-Chloro-3-methylphenol
Concen: 42.064 ng
RT: 8.775 min Scan# 1103
Delta R.T. -0.000 min
Lab File: BF127868.D
Acq: 22 Apr 2022 23:51

Tgt Ion:107 Resp: 385474
Ion Ratio Lower Upper
107 100
144 25.8 20.2 30.4
142 78.7 61.5 92.3





#37

2-Methylnaphthalene

Concen: 42.470 ng

RT: 8.939 min Scan# 1131

Delta R.T. -0.000 min

Lab File: BF127868.D

Acq: 22 Apr 2022 23:51

Instrument :

BNA_F

ClientSampleId :

PB144313BS

Tgt Ion:142 Resp: 80728

Ion Ratio Lower Upper

142 100

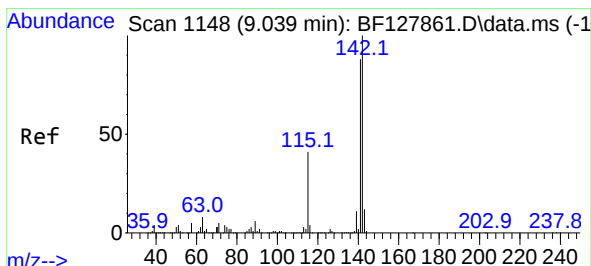
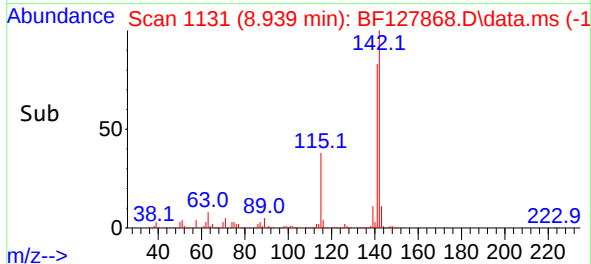
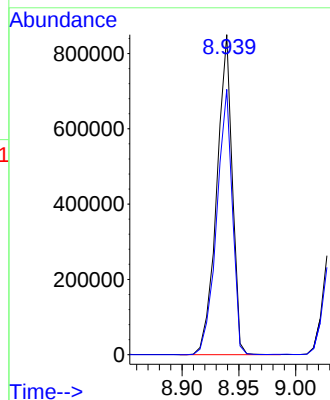
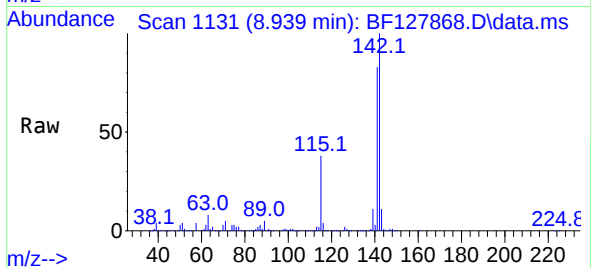
141 82.9 67.4 101.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/25/2022

Supervised By :Jagrut Upadhyay 04/25/2022



#38

1-Methylnaphthalene

Concen: 41.400 ng

RT: 9.039 min Scan# 1148

Delta R.T. -0.000 min

Lab File: BF127868.D

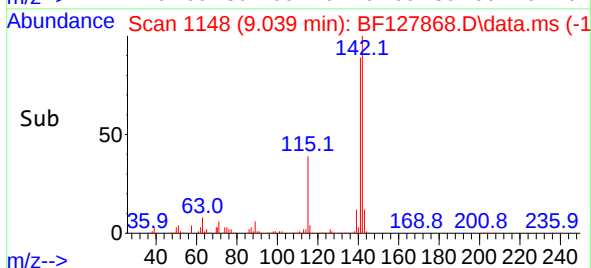
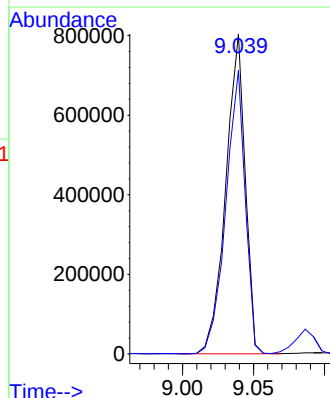
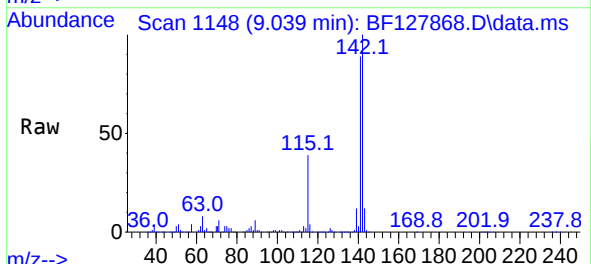
Acq: 22 Apr 2022 23:51

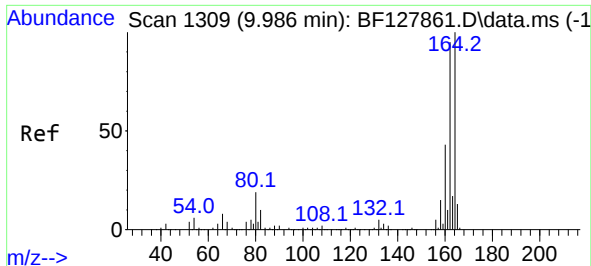
Tgt Ion:142 Resp: 764905

Ion Ratio Lower Upper

142 100

141 88.6 70.1 105.1





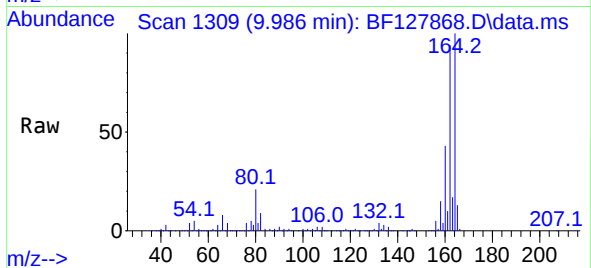
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.986 min Scan# 1159
Delta R.T. -0.000 min
Lab File: BF127868.D
Acq: 22 Apr 2022 23:51

Instrument :

BNA_F

ClientSampleId :

PB144313BS

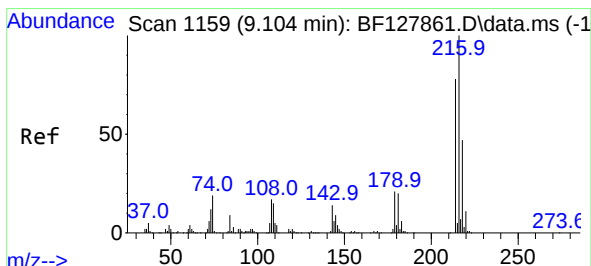
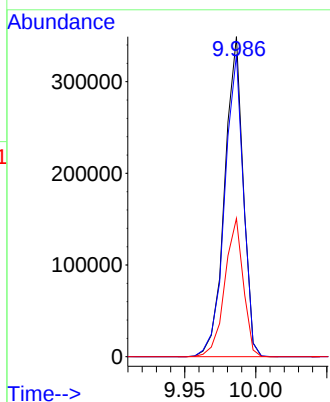
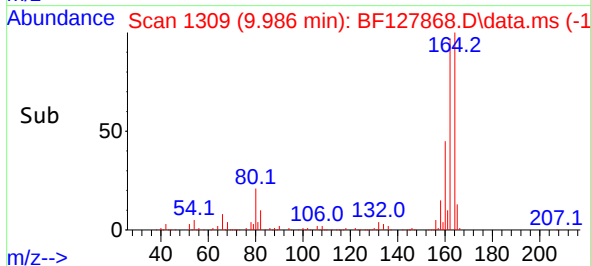


Tgt Ion:164 Resp: 314254
Ion Ratio Lower Upper
164 100
162 94.4 76.0 114.0
160 43.2 34.8 52.2

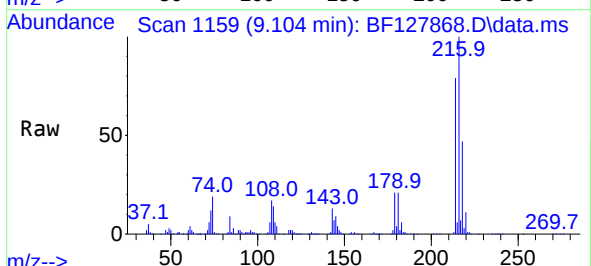
Manual Integrations

APPROVED

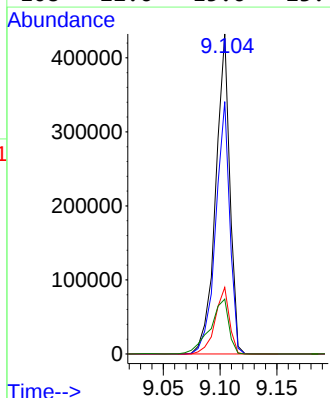
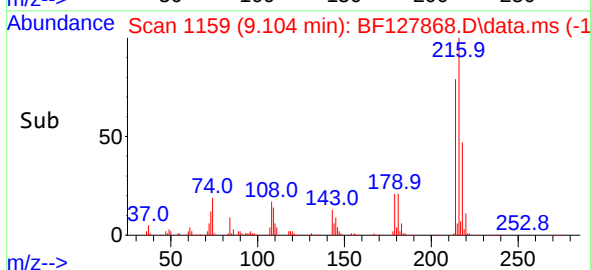
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022

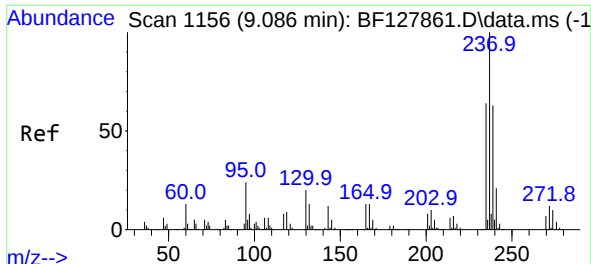


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.485 ng
RT: 9.104 min Scan# 1159
Delta R.T. -0.000 min
Lab File: BF127868.D
Acq: 22 Apr 2022 23:51



Tgt Ion:216 Resp: 374999
Ion Ratio Lower Upper
216 100
214 78.5 62.6 94.0
179 20.9 16.9 25.3
108 22.6 15.6 23.4





#41
Hexachlorocyclopentadiene
Concen: 99.894 ng
RT: 9.086 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BF127868.D
Acq: 22 Apr 2022 23:51

Instrument :

BNA_F

ClientSampleId :

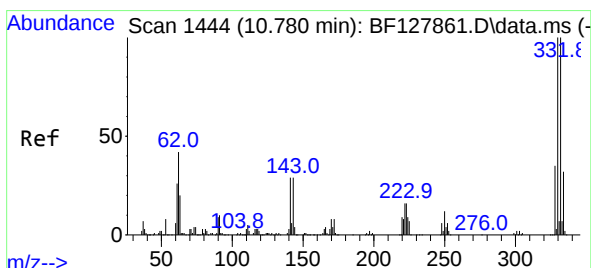
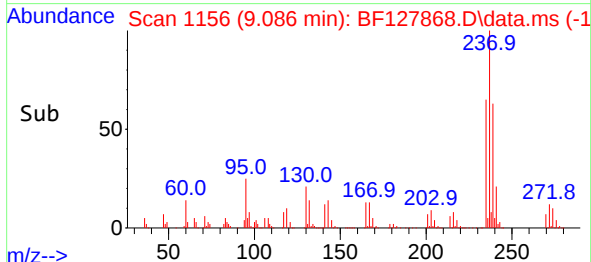
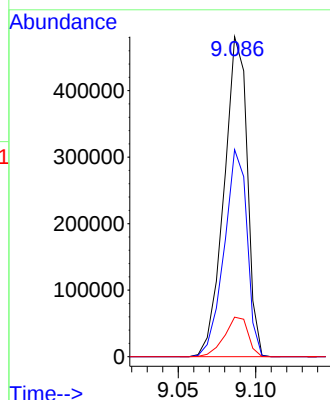
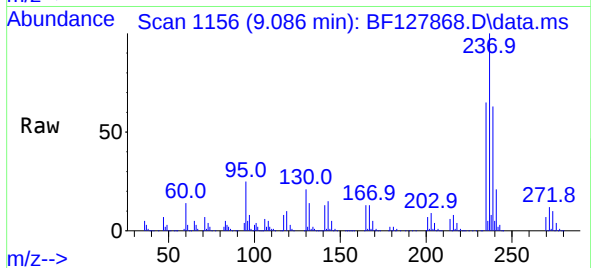
PB144313BS

Tgt Ion:237 Resp: 50131
Ion Ratio Lower Upper
237 100
235 64.7 43.6 83.6
272 12.4 0.0 32.1

Manual Integrations

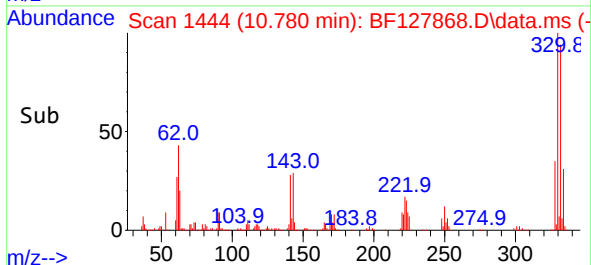
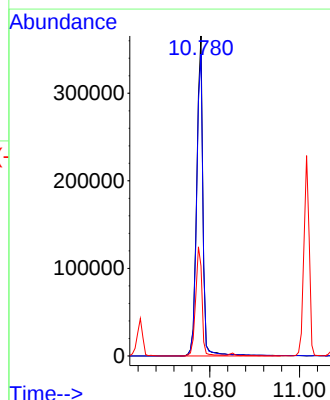
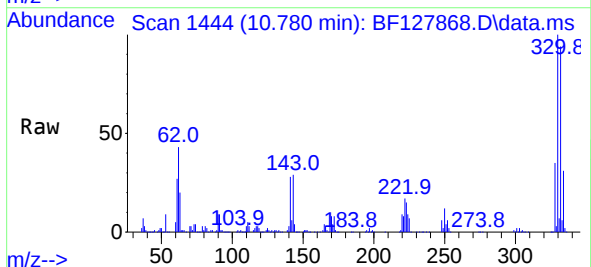
APPROVED

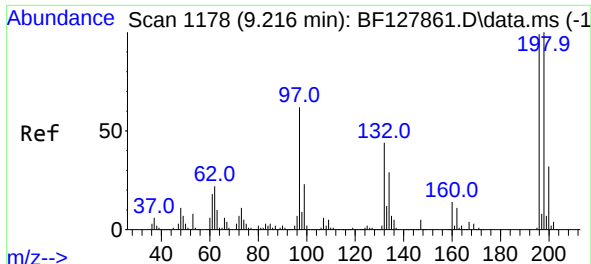
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#42
2,4,6-Tribromophenol
Concen: 110.942 ng
RT: 10.780 min Scan# 1444
Delta R.T. -0.000 min
Lab File: BF127868.D
Acq: 22 Apr 2022 23:51

Tgt Ion:330 Resp: 350965
Ion Ratio Lower Upper
330 100
332 96.4 79.0 118.4
141 34.7 28.9 43.3





#43

2,4,6-Trichlorophenol

Concen: 41.259 ng

RT: 9.216 min Scan# 1178

Delta R.T. -0.000 min

Lab File: BF127868.D

Acq: 22 Apr 2022 23:51

Instrument :

BNA_F

ClientSampleId :

PB144313BS

Tgt Ion:196 Resp: 25146

Ion Ratio Lower Upper

196 100

198 101.9 80.4 120.6

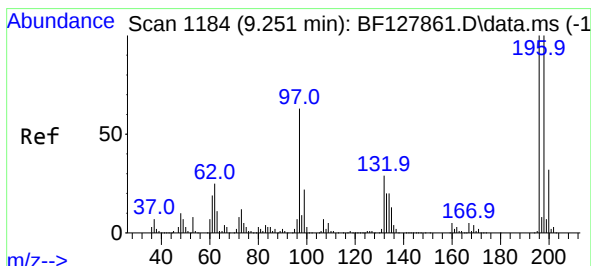
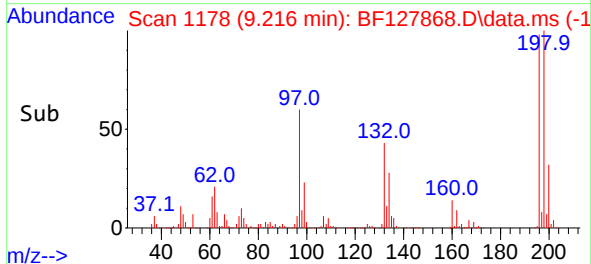
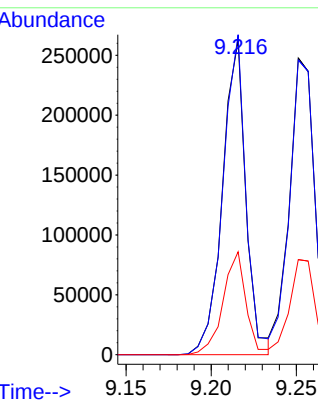
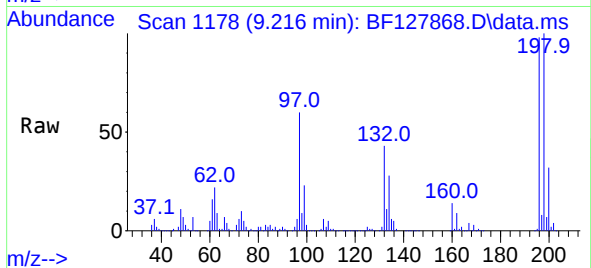
200 32.8 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/25/2022

Supervised By :Jagrut Upadhyay 04/25/2022



#44

2,4,5-Trichlorophenol

Concen: 40.073 ng

RT: 9.251 min Scan# 1184

Delta R.T. -0.000 min

Lab File: BF127868.D

Acq: 22 Apr 2022 23:51

Tgt Ion:196 Resp: 265508

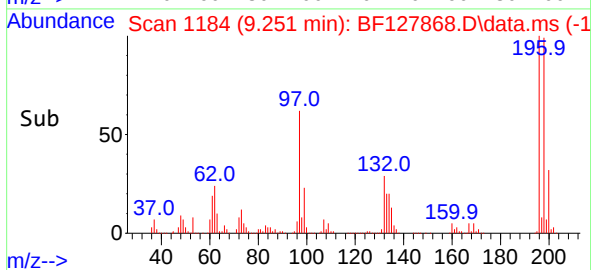
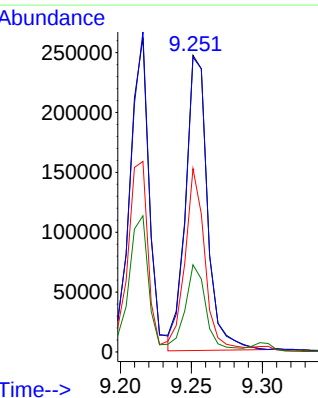
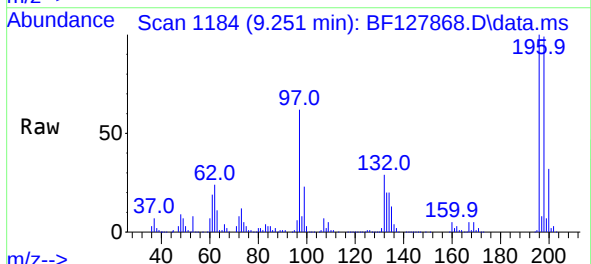
Ion Ratio Lower Upper

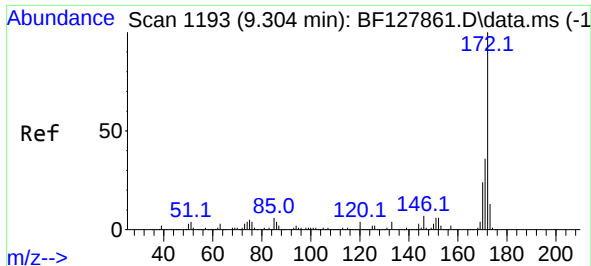
196 100

198 99.3 80.2 120.2

97 61.8 50.3 75.5

132 29.4 23.8 35.6





#45
2-Fluorobiphenyl
Concen: 82.274 ng
RT: 9.304 min Scan# 1193
Delta R.T. 0.000 min
Lab File: BF127868.D
Acq: 22 Apr 2022 23:51

Instrument :

BNA_F

ClientSampleId :

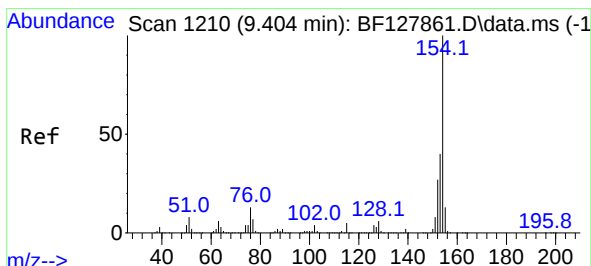
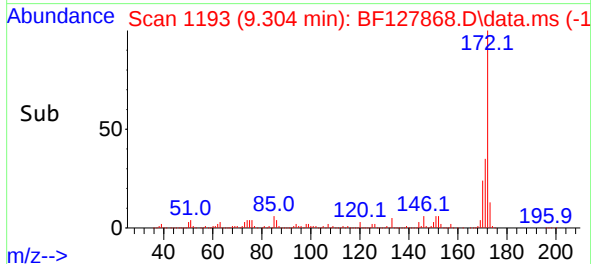
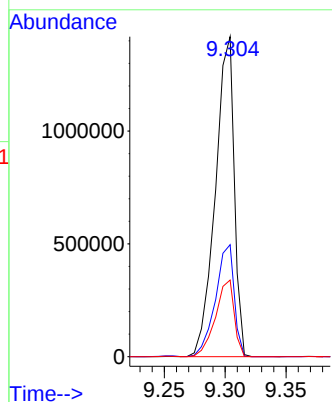
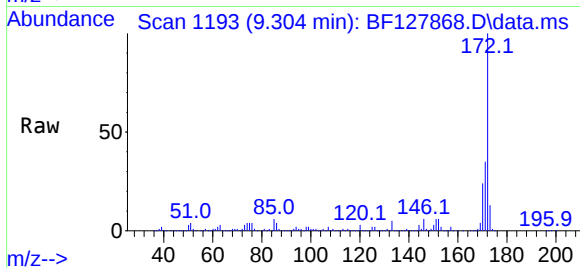
PB144313BS

Tgt Ion:172 Resp: 1528308
Ion Ratio Lower Upper
172 100
171 35.0 28.6 42.8
170 23.9 19.1 28.7

Manual Integrations

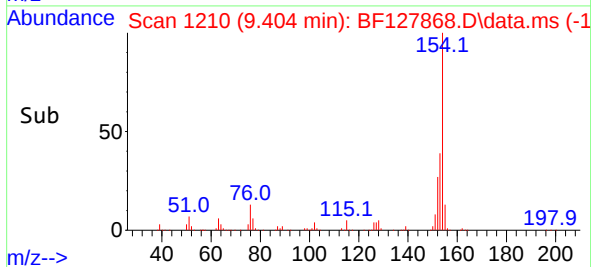
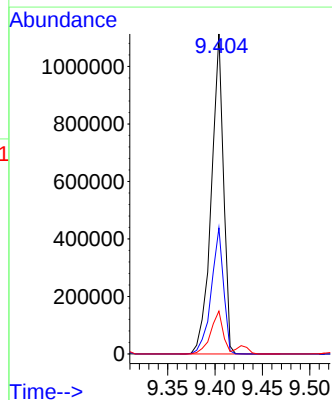
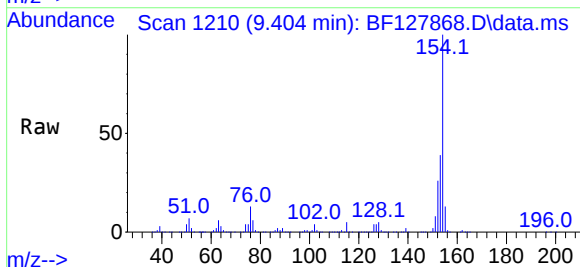
APPROVED

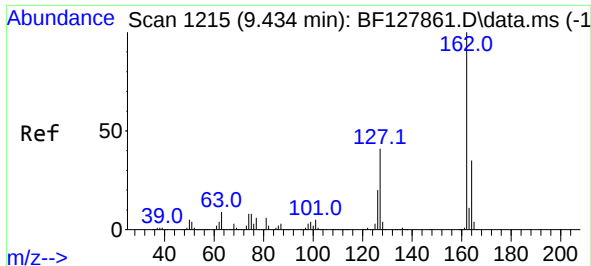
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#46
1,1'-Biphenyl
Concen: 42.520 ng
RT: 9.404 min Scan# 1210
Delta R.T. -0.000 min
Lab File: BF127868.D
Acq: 22 Apr 2022 23:51

Tgt Ion:154 Resp: 989793
Ion Ratio Lower Upper
154 100
153 39.4 20.4 60.4
76 13.4 0.0 33.2





#47
2-Chloronaphthalene
Concen: 41.503 ng
RT: 9.428 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF127868.D
Acq: 22 Apr 2022 23:51

Instrument :

BNA_F

ClientSampleId :

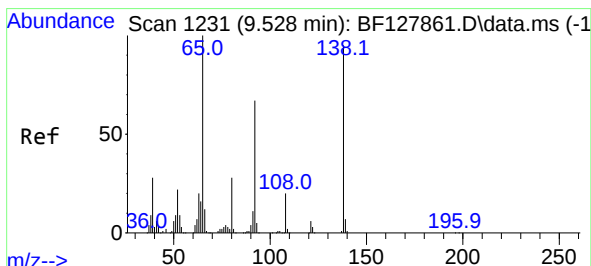
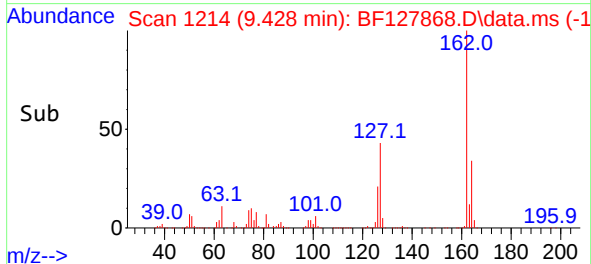
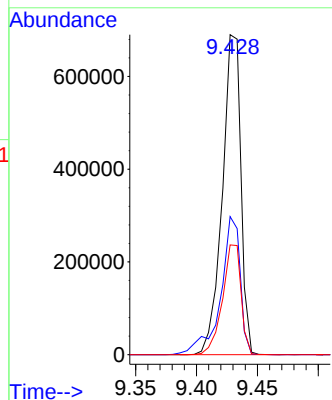
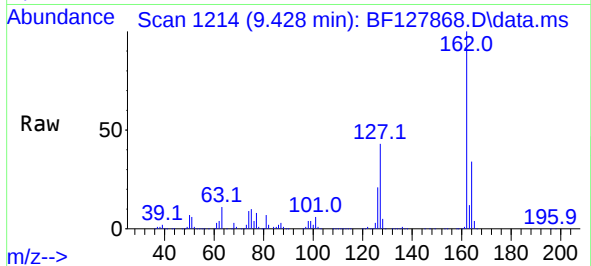
PB144313BS

Tgt Ion:162 Resp: 735479
Ion Ratio Lower Upper
162 100
127 43.2 32.9 49.3
164 34.3 28.2 42.2

Manual Integrations

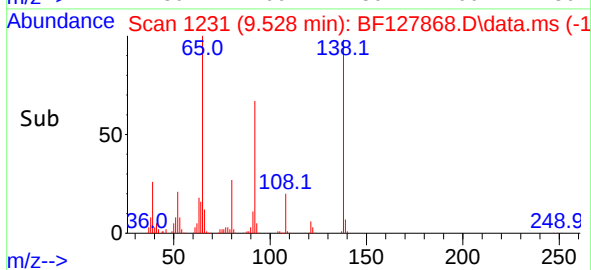
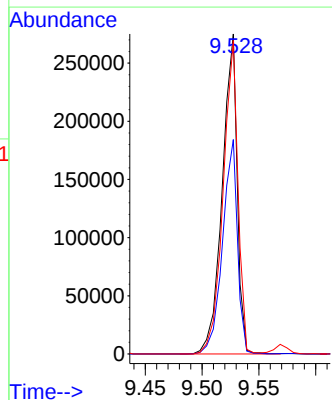
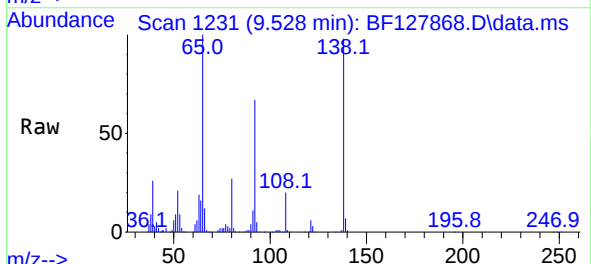
APPROVED

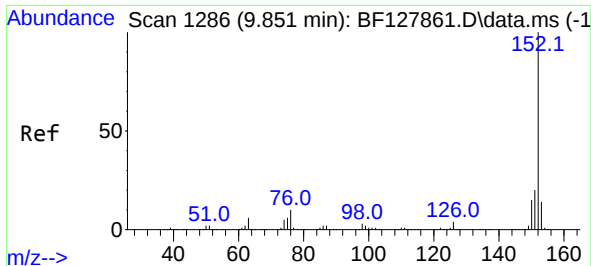
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#48
2-Nitroaniline
Concen: 42.146 ng
RT: 9.528 min Scan# 1231
Delta R.T. -0.000 min
Lab File: BF127868.D
Acq: 22 Apr 2022 23:51

Tgt Ion: 65 Resp: 252636
Ion Ratio Lower Upper
65 100
92 67.0 53.7 80.5
138 97.9 76.4 114.6





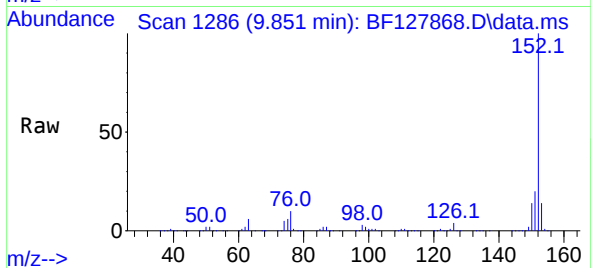
#49
Acenaphthylene
Concen: 44.098 ng
RT: 9.851 min Scan# 1286
Delta R.T. -0.000 min
Lab File: BF127868.D
Acq: 22 Apr 2022 23:51

Instrument :

BNA_F

ClientSampleId :

PB144313BS

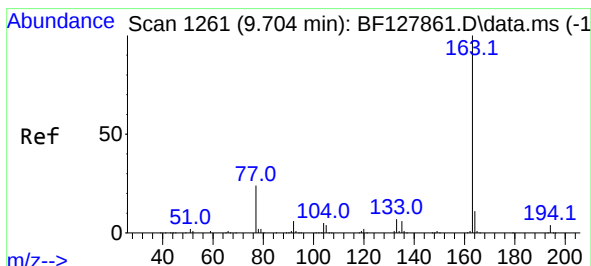
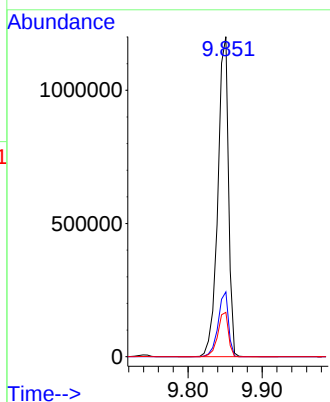
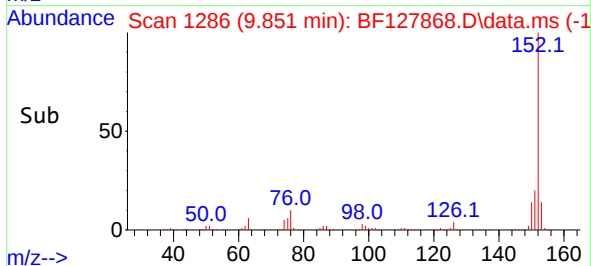


Tgt Ion:152 Resp: 1195359
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2
153 13.8 11.2 16.8

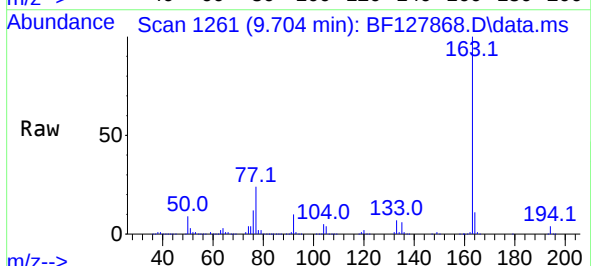
Manual Integrations

APPROVED

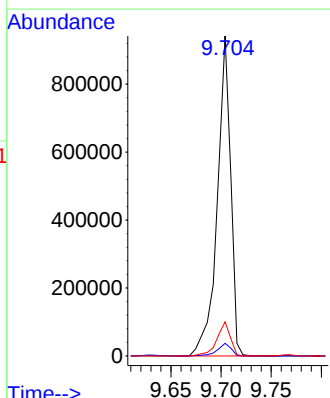
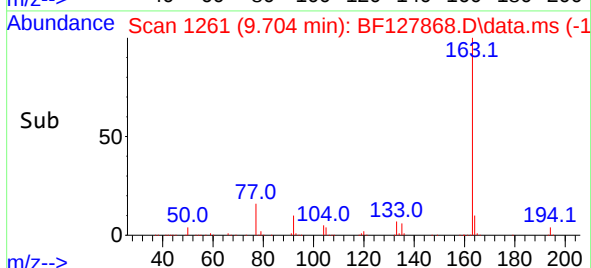
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022

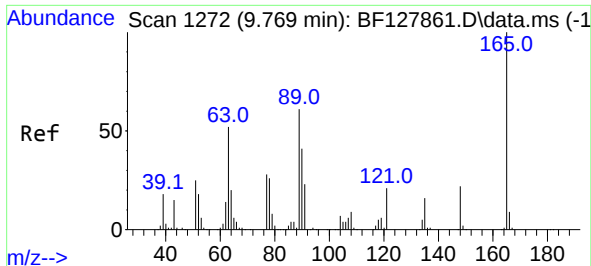


#50
Dimethylphthalate
Concen: 41.329 ng
RT: 9.704 min Scan# 1261
Delta R.T. -0.000 min
Lab File: BF127868.D
Acq: 22 Apr 2022 23:51



Tgt Ion:163 Resp: 871040
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.7 8.6 13.0





#51
2,6-Dinitrotoluene
Concen: 43.962 ng
RT: 9.769 min Scan# 1272
Delta R.T. -0.000 min
Lab File: BF127868.D
Acq: 22 Apr 2022 23:51

Instrument :

BNA_F

ClientSampleId :

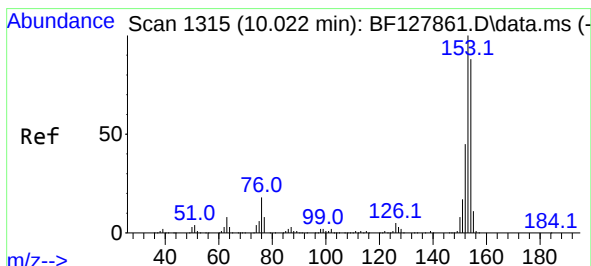
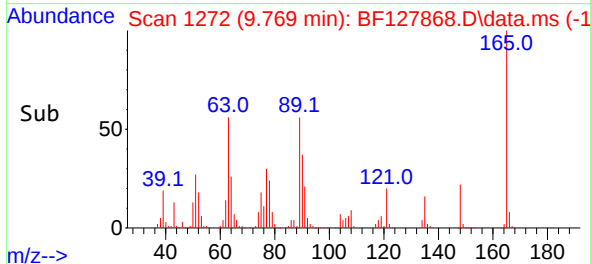
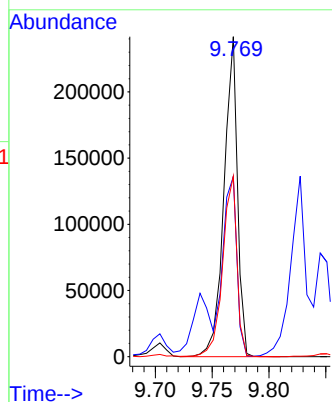
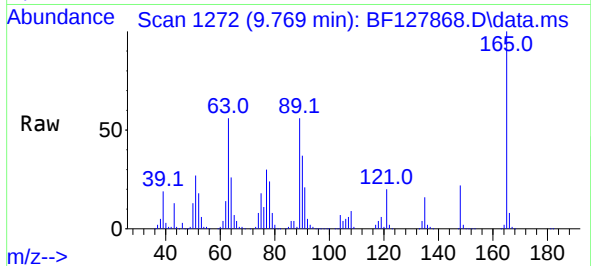
PB144313BS

Tgt Ion:165 Resp: 200602
Ion Ratio Lower Upper
165 100
63 56.2 49.5 74.3
89 56.4 49.0 73.4

Manual Integrations

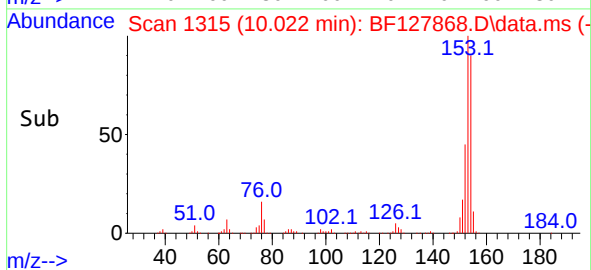
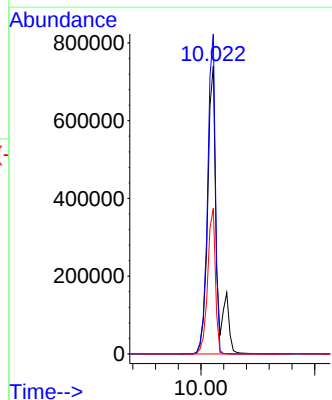
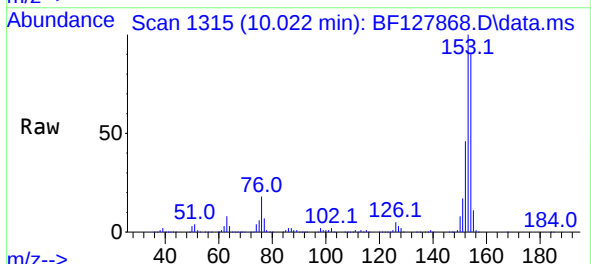
APPROVED

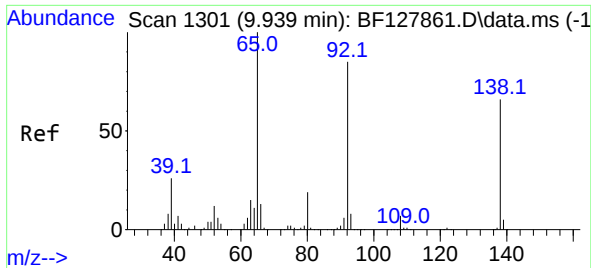
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#52
Acenaphthene
Concen: 45.708 ng
RT: 10.022 min Scan# 1315
Delta R.T. -0.000 min
Lab File: BF127868.D
Acq: 22 Apr 2022 23:51

Tgt Ion:154 Resp: 832996
Ion Ratio Lower Upper
154 100
153 111.2 90.5 135.7
152 50.6 41.0 61.6





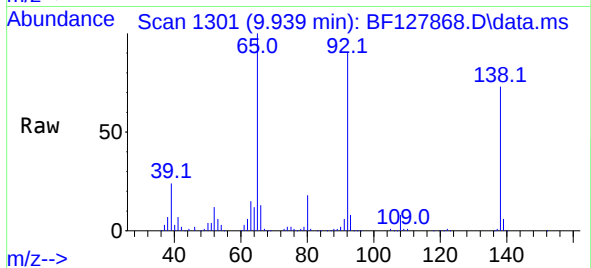
#53
3-Nitroaniline
Concen: 27.105 ng
RT: 9.939 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BF127868.D
Acq: 22 Apr 2022 23:51

Instrument :

BNA_F

ClientSampleId :

PB144313BS

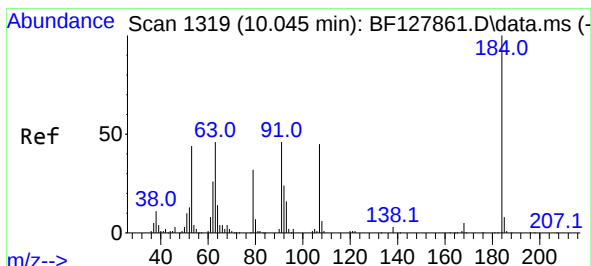
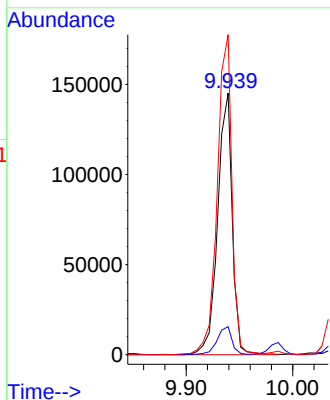
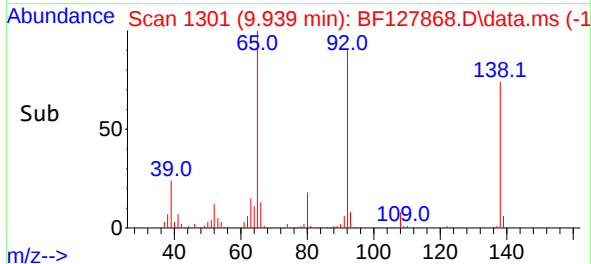


Tgt Ion:138 Resp: 137344
Ion Ratio Lower Upper
138 100
108 10.7 8.2 12.4
92 122.3 102.7 154.1

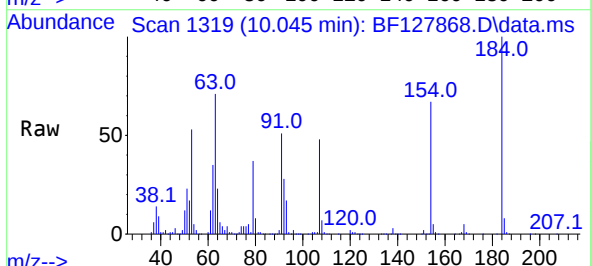
Manual Integrations

APPROVED

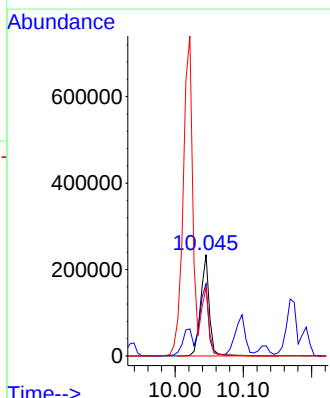
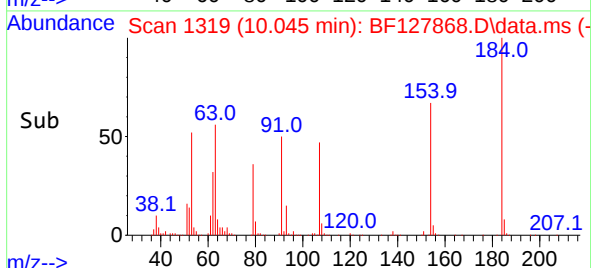
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022

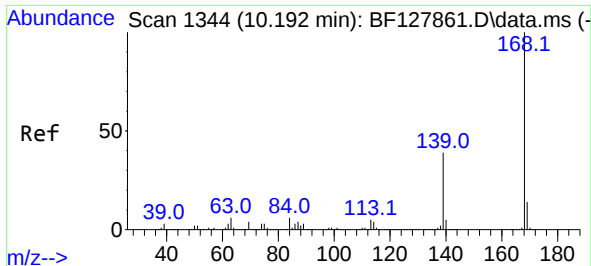


#54
2,4-Dinitrophenol
Concen: 85.811 ng
RT: 10.045 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BF127868.D
Acq: 22 Apr 2022 23:51



Tgt Ion:184 Resp: 206214
Ion Ratio Lower Upper
184 100
63 71.3 50.0 75.0
154 67.3 51.7 77.5





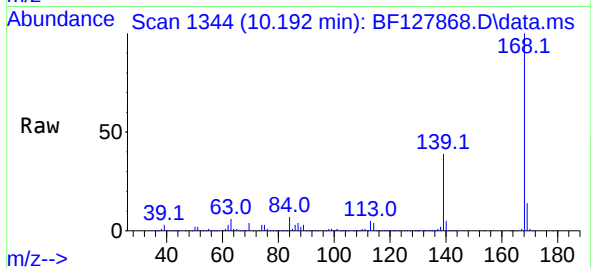
#55
Dibenzenofuran
Concen: 40.332 ng
RT: 10.192 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127868.D
Acq: 22 Apr 2022 23:51

Instrument :

BNA_F

ClientSampleId :

PB144313BS

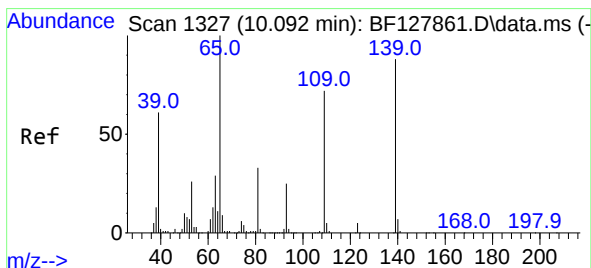
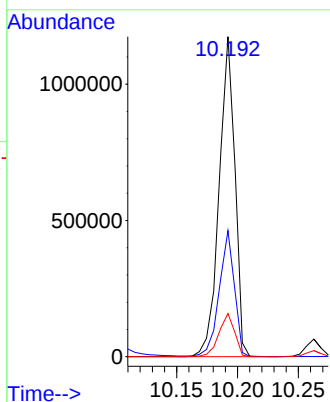
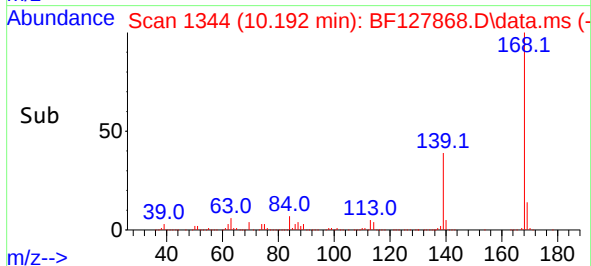


Tgt Ion:168 Resp: 1060450
Ion Ratio Lower Upper
168 100
139 39.4 31.7 47.5
169 13.5 10.9 16.3

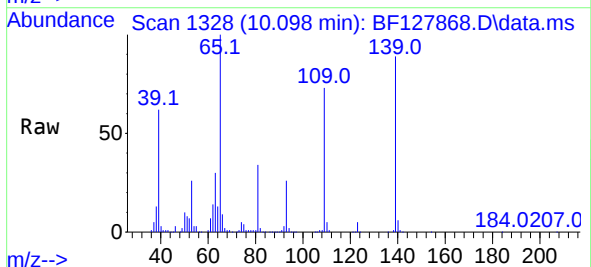
Manual Integrations

APPROVED

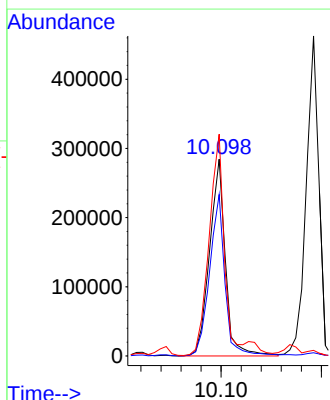
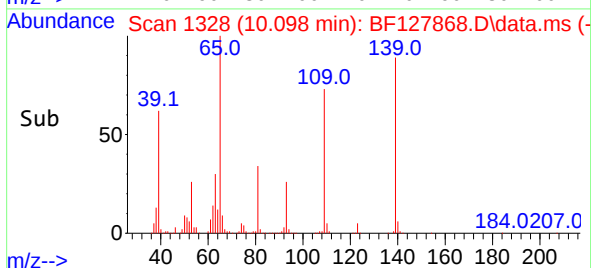
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022

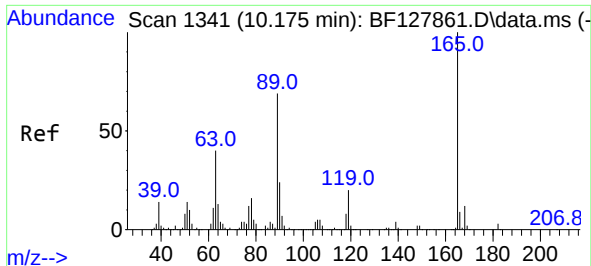


#56
4-Nitrophenol
Concen: 80.881 ng
RT: 10.098 min Scan# 1328
Delta R.T. 0.006 min
Lab File: BF127868.D
Acq: 22 Apr 2022 23:51



Tgt Ion:139 Resp: 312950
Ion Ratio Lower Upper
139 100
109 82.0 61.9 101.9
65 112.7 93.5 133.5





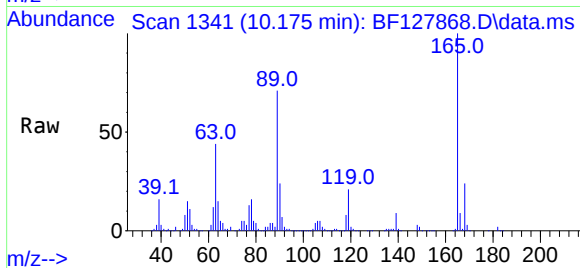
#57
2,4-Dinitrotoluene
Concen: 44.180 ng
RT: 10.175 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127868.D
Acq: 22 Apr 2022 23:51

Instrument :

BNA_F

ClientSampleId :

PB144313BS

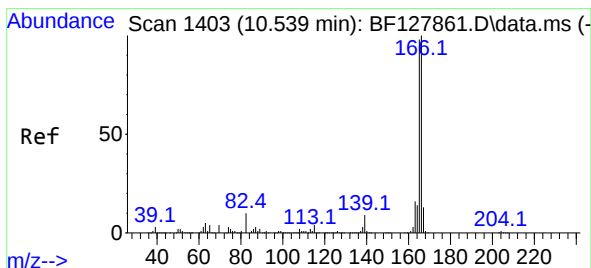
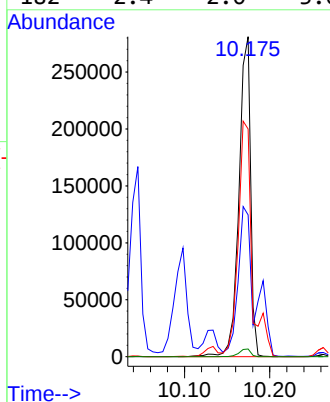
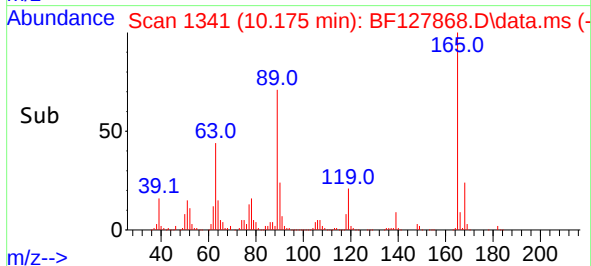


Tgt Ion:165 Resp: 267039
Ion Ratio Lower Upper
165 100
63 44.3 32.6 49.0
89 71.2 55.2 82.8
182 2.4 2.0 3.0

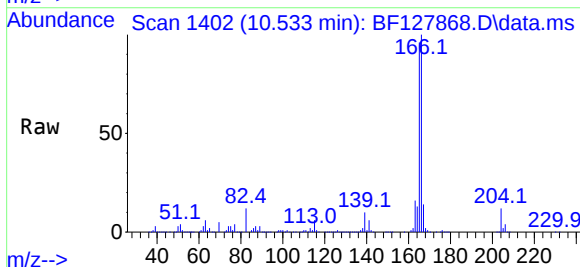
Manual Integrations

APPROVED

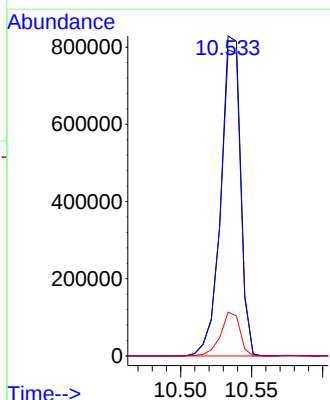
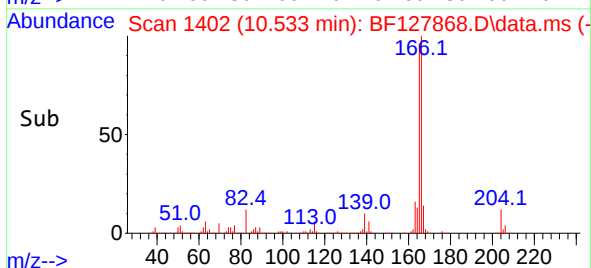
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022

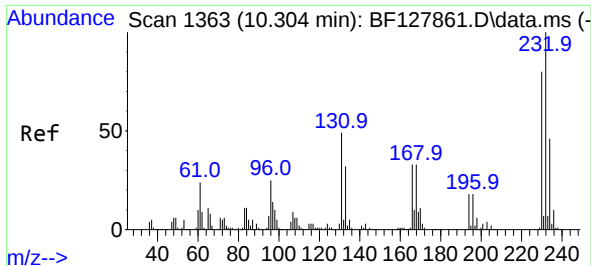


#58
Fluorene
Concen: 40.929 ng
RT: 10.533 min Scan# 1402
Delta R.T. -0.006 min
Lab File: BF127868.D
Acq: 22 Apr 2022 23:51



Tgt Ion:166 Resp: 803014
Ion Ratio Lower Upper
166 100
165 95.7 78.6 117.8
167 13.7 10.5 15.7





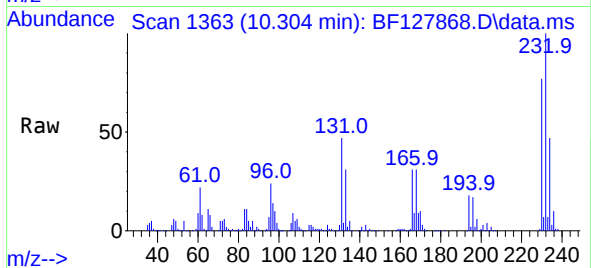
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.642 ng
RT: 10.304 min Scan# 1363
Delta R.T. -0.000 min
Lab File: BF127868.D
Acq: 22 Apr 2022 23:51

Instrument :

BNA_F

ClientSampleId :

PB144313BS

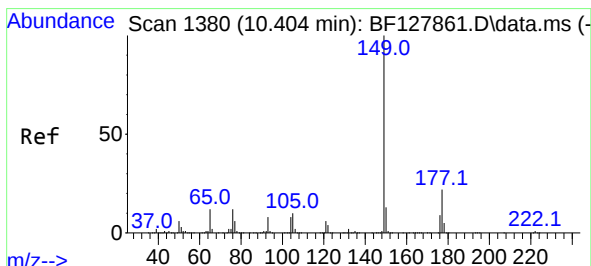
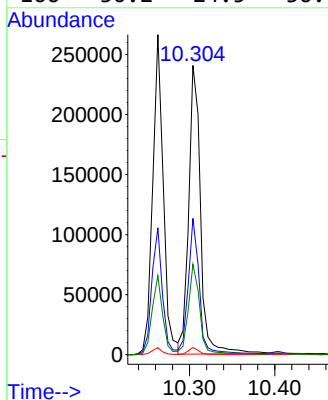
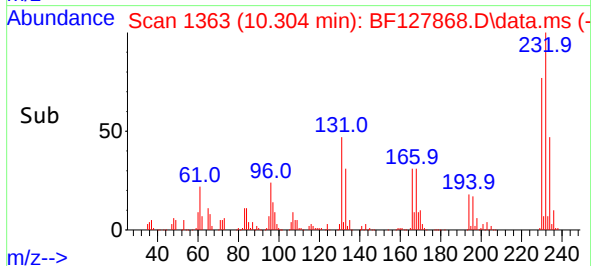


Tgt Ion:232 Resp: 232000
Ion Ratio Lower Upper
232 100
131 43.8 35.4 53.2
130 2.4 1.9 2.9
166 30.2 24.5 36.7

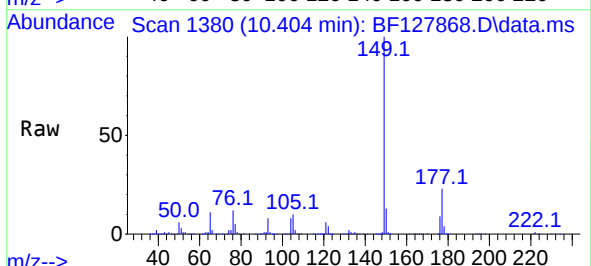
Manual Integrations

APPROVED

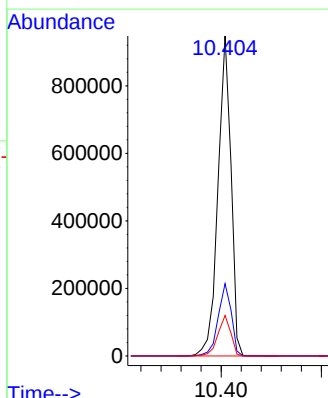
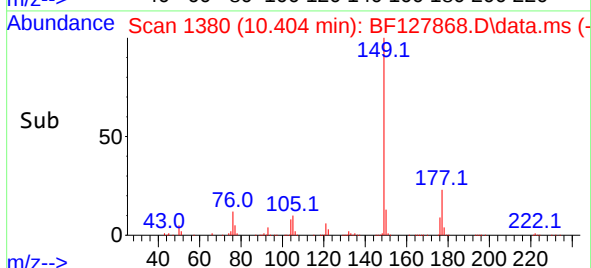
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022

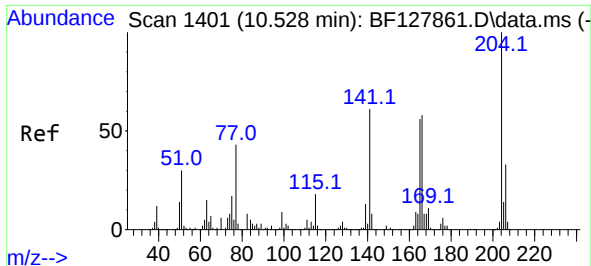


#60
Diethylphthalate
Concen: 41.186 ng
RT: 10.404 min Scan# 1380
Delta R.T. -0.000 min
Lab File: BF127868.D
Acq: 22 Apr 2022 23:51



Tgt Ion:149 Resp: 851172
Ion Ratio Lower Upper
149 100
177 22.6 17.8 26.8
150 12.7 10.2 15.2





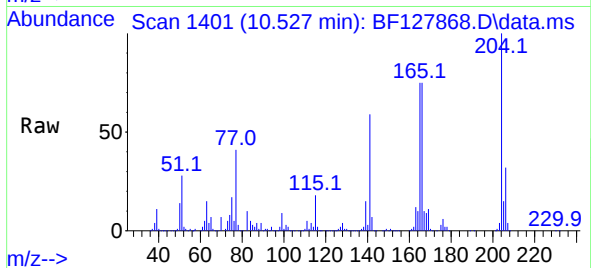
#61
4-Chlorophenyl-phenylether
Concen: 40.181 ng
RT: 10.527 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF127868.D
Acq: 22 Apr 2022 23:51

Instrument :

BNA_F

ClientSampleId :

PB144313BS

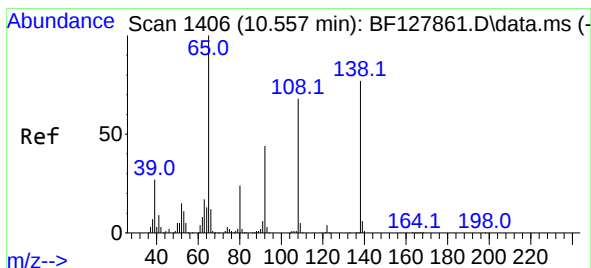
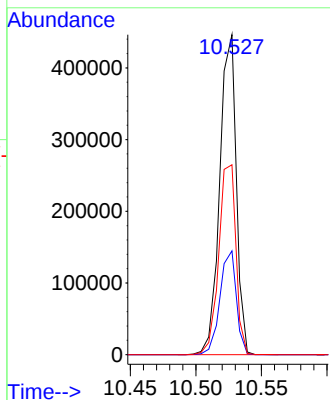
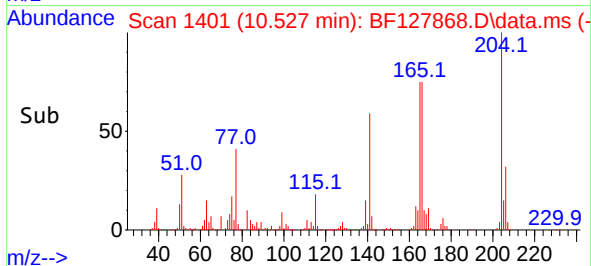


Tgt Ion:204 Resp: 391752
Ion Ratio Lower Upper
204 100
206 32.4 26.5 39.7
141 59.3 48.7 73.1

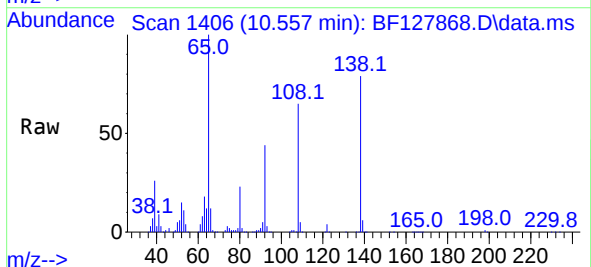
Manual Integrations

APPROVED

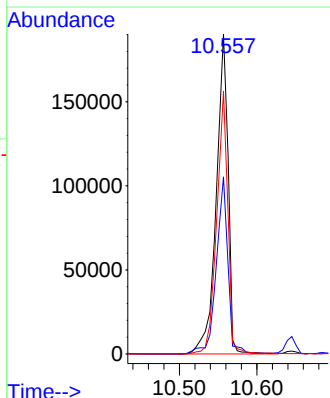
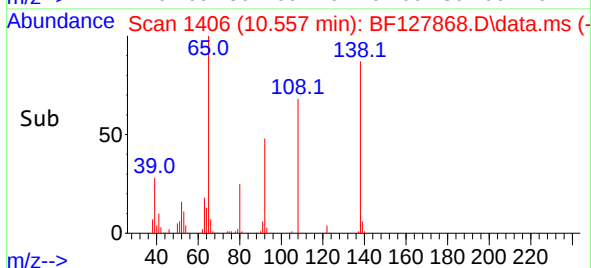
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022

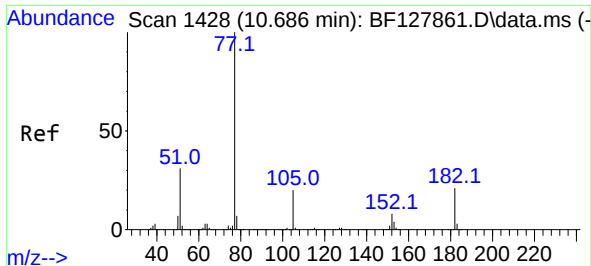


#62
4-Nitroaniline
Concen: 40.957 ng
RT: 10.557 min Scan# 1406
Delta R.T. -0.000 min
Lab File: BF127868.D
Acq: 22 Apr 2022 23:51



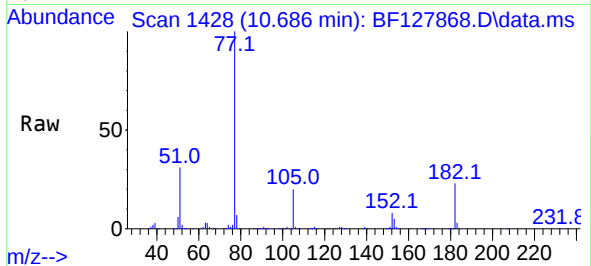
Tgt Ion:138 Resp: 202897
Ion Ratio Lower Upper
138 100
92 55.3 37.4 77.4
108 82.0 68.4 108.4





#63
Azobenzene
Concen: 40.855 ng
RT: 10.686 min Scan# 1428
Delta R.T. -0.000 min
Lab File: BF127868.D
Acq: 22 Apr 2022 23:51

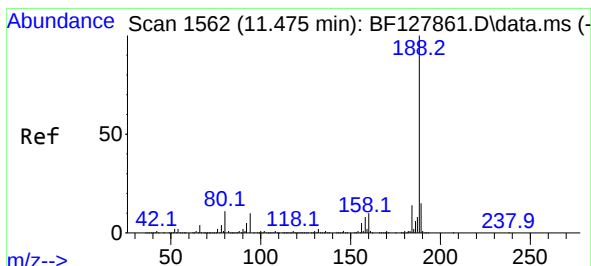
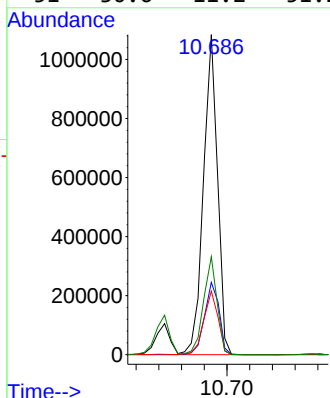
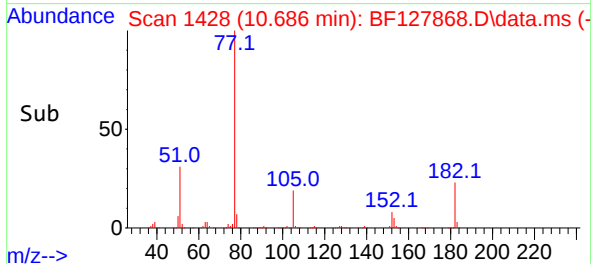
Instrument :
BNA_F
ClientSampleId :
PB144313BS



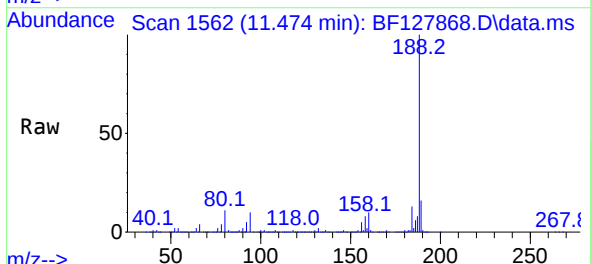
Tgt Ion: 77 Resp: 929070
Ion Ratio Lower Upper
77 100
182 22.6 1.2 41.2
105 19.9 0.0 39.8
51 30.6 11.2 51.2

Manual Integrations
APPROVED

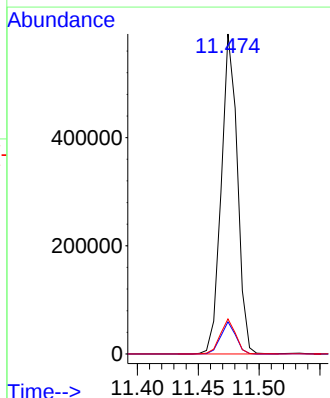
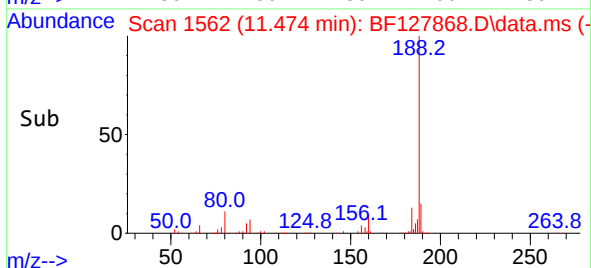
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.474 min Scan# 1562
Delta R.T. -0.000 min
Lab File: BF127868.D
Acq: 22 Apr 2022 23:51



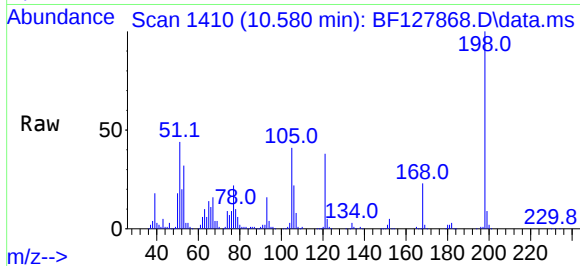
Tgt Ion:188 Resp: 545048
Ion Ratio Lower Upper
188 100
94 10.0 8.0 12.0
80 10.9 8.9 13.3





#65
4,6-Dinitro-2-methylphenol
Concen: 42.440 ng
RT: 10.580 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF127868.D
Acq: 22 Apr 2022 23:51

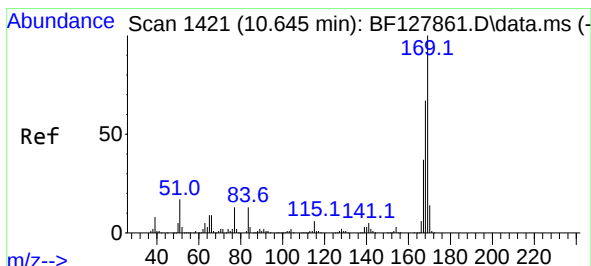
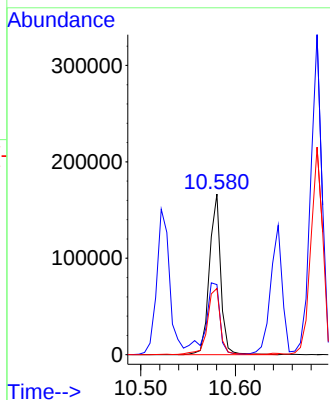
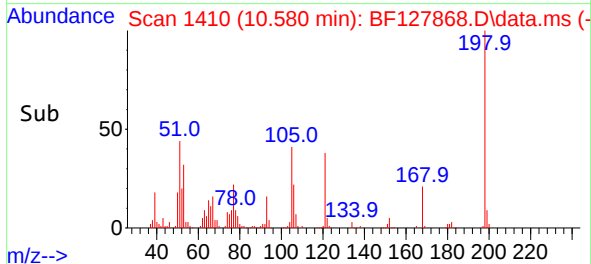
Instrument :
BNA_F
ClientSampleId :
PB144313BS



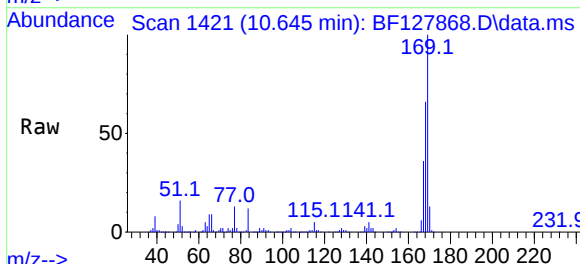
Tgt Ion:198 Resp: 137448
Ion Ratio Lower Upper
198 100
51 43.6 28.4 68.4
105 41.3 23.4 63.4

Manual Integrations
APPROVED

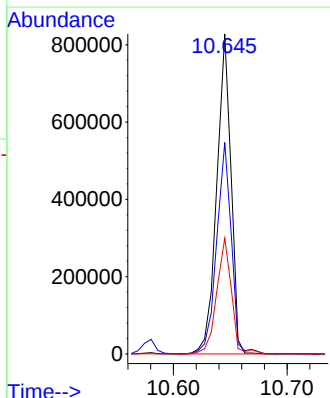
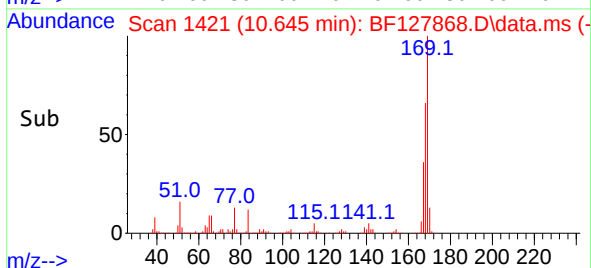
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022

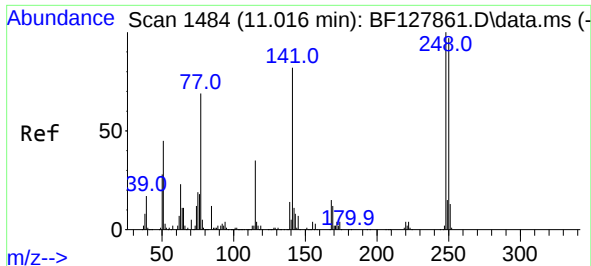


#66
n-Nitrosodiphenylamine
Concen: 42.535 ng
RT: 10.645 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF127868.D
Acq: 22 Apr 2022 23:51



Tgt Ion:169 Resp: 721374
Ion Ratio Lower Upper
169 100
168 66.1 53.8 80.6
167 36.2 29.5 44.3





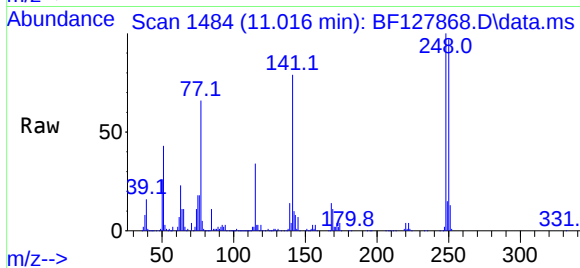
#67
4-Bromophenyl-phenylether
Concen: 42.315 ng
RT: 11.016 min Scan# 1484
Delta R.T. -0.000 min
Lab File: BF127868.D
Acq: 22 Apr 2022 23:51

Instrument :

BNA_F

ClientSampleId :

PB144313BS

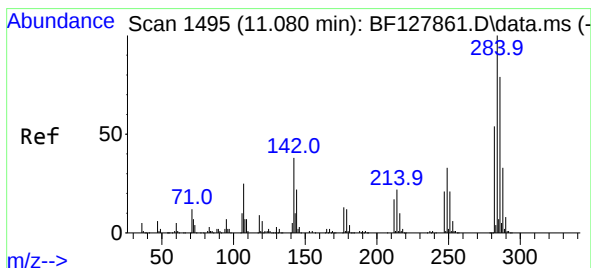
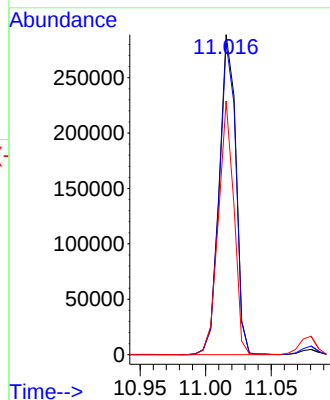
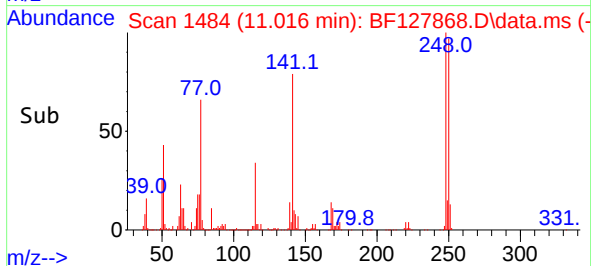


Tgt Ion:248 Resp: 25567
Ion Ratio Lower Upper
248 100
250 97.5 77.7 116.5
141 79.2 65.6 98.4

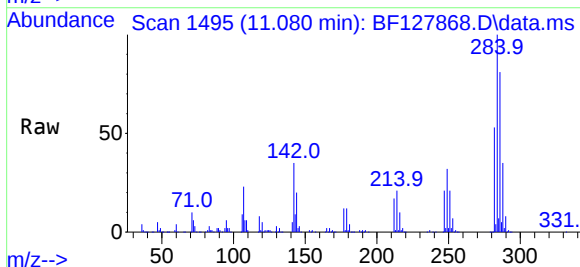
Manual Integrations

APPROVED

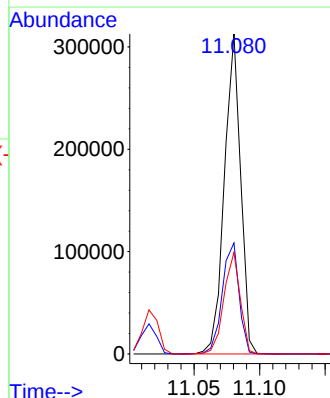
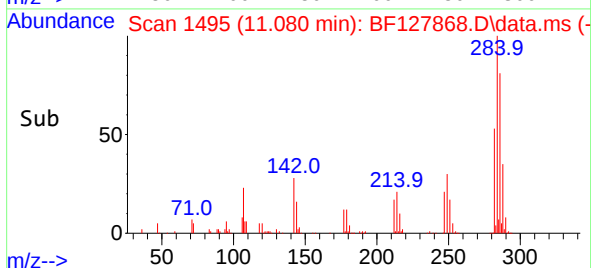
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022

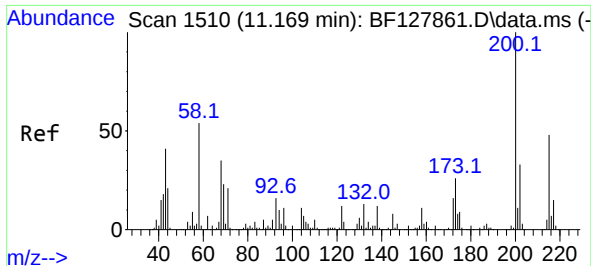


#68
Hexachlorobenzene
Concen: 42.215 ng
RT: 11.080 min Scan# 1495
Delta R.T. -0.000 min
Lab File: BF127868.D
Acq: 22 Apr 2022 23:51



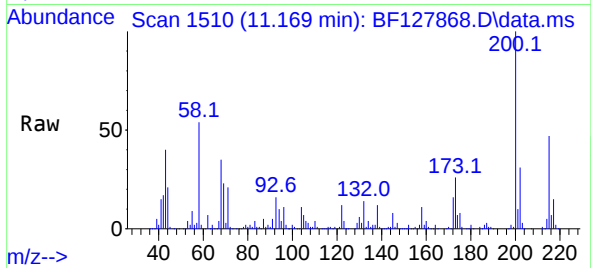
Tgt Ion:284 Resp: 268740
Ion Ratio Lower Upper
284 100
142 34.7 30.2 45.4
249 31.8 26.1 39.1





#69
Atrazine
Concen: 48.369 ng
RT: 11.169 min Scan# 1510
Delta R.T. -0.000 min
Lab File: BF127868.D
Acq: 22 Apr 2022 23:51

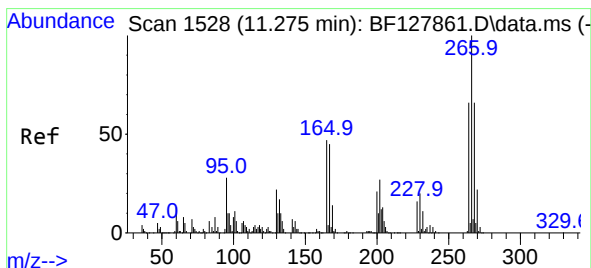
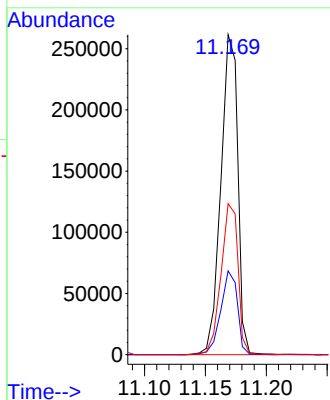
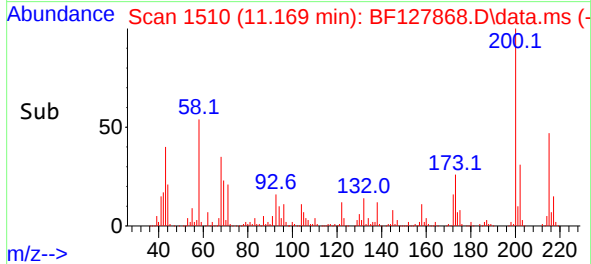
Instrument :
BNA_F
ClientSampleId :
PB144313BS



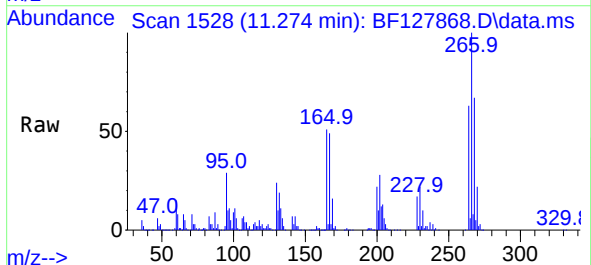
Tgt Ion:200 Resp: 253658
Ion Ratio Lower Upper
200 100
173 26.2 6.0 46.0
215 47.2 28.1 68.1

Manual Integrations
APPROVED

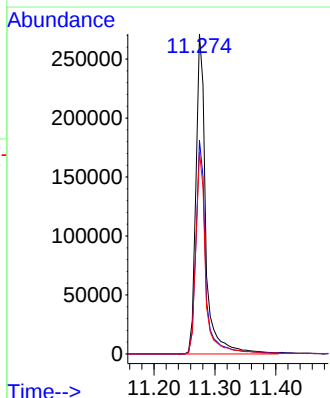
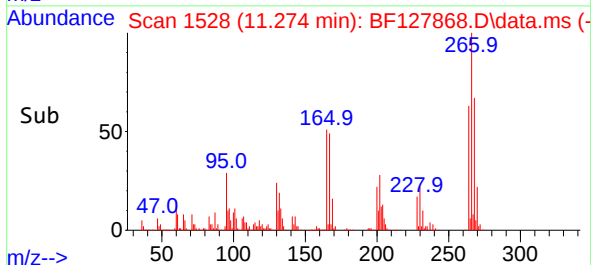
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022

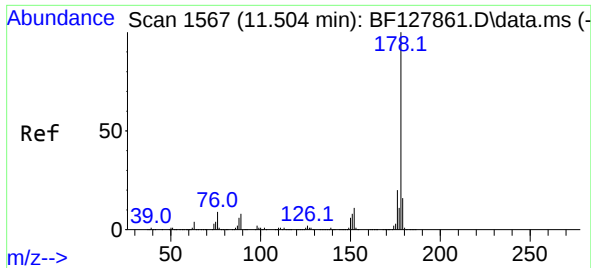


#70
Pentachlorophenol
Concen: 81.689 ng
RT: 11.274 min Scan# 1528
Delta R.T. -0.000 min
Lab File: BF127868.D
Acq: 22 Apr 2022 23:51



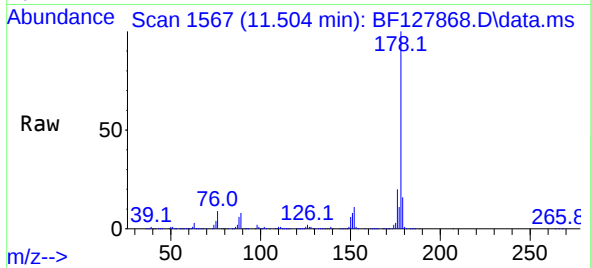
Tgt Ion:266 Resp: 305933
Ion Ratio Lower Upper
266 100
268 66.7 53.0 79.6
264 63.2 53.1 79.7





#71
Phenanthrene
Concen: 41.392 ng
RT: 11.504 min Scan# 1567
Delta R.T. -0.000 min
Lab File: BF127868.D
Acq: 22 Apr 2022 23:51

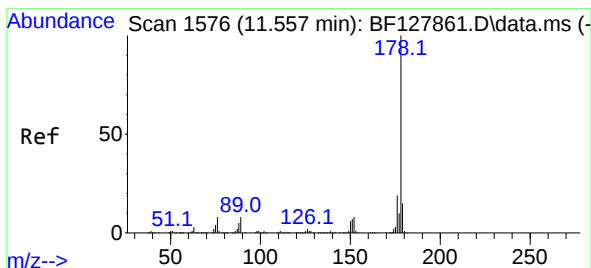
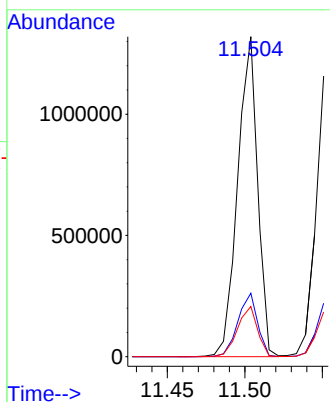
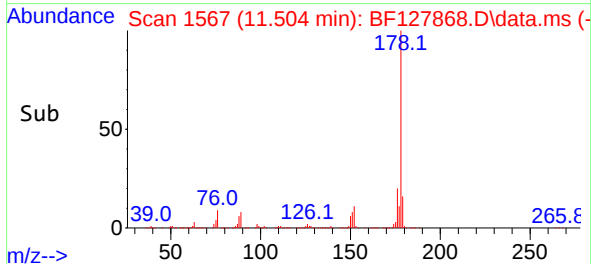
Instrument :
BNA_F
ClientSampleId :
PB144313BS



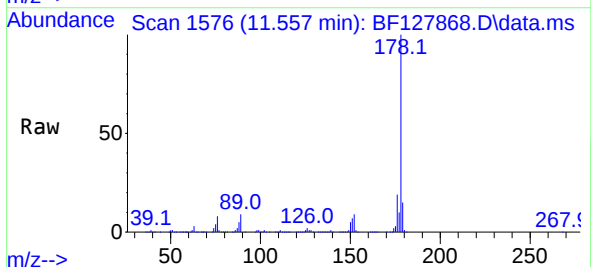
Tgt Ion:178 Resp: 1180960
Ion Ratio Lower Upper
178 100
176 19.8 15.7 23.5
179 15.7 12.6 19.0

Manual Integrations
APPROVED

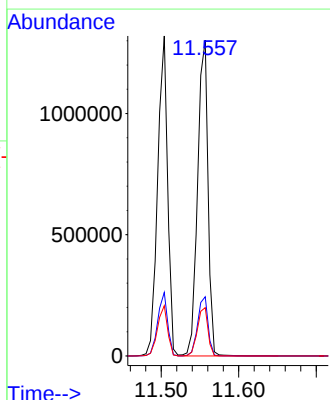
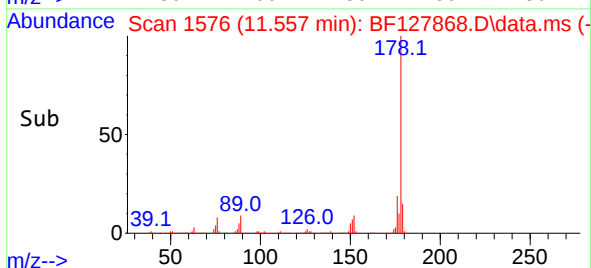
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022

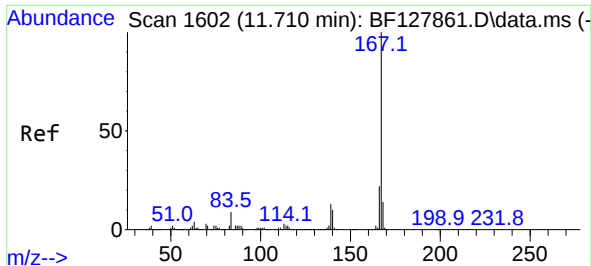


#72
Anthracene
Concen: 42.709 ng
RT: 11.557 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BF127868.D
Acq: 22 Apr 2022 23:51



Tgt Ion:178 Resp: 1213817
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 15.3 12.4 18.6





#73
 Carbazole
 Concen: 39.226 ng
 RT: 11.710 min Scan# 1602
 Delta R.T. -0.000 min
 Lab File: BF127868.D
 Acq: 22 Apr 2022 23:51

Instrument :

BNA_F

ClientSampleId :

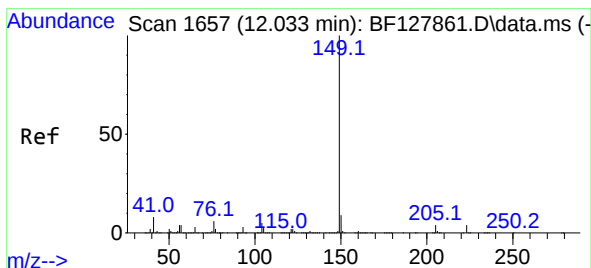
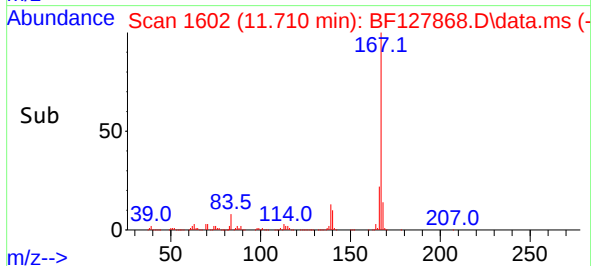
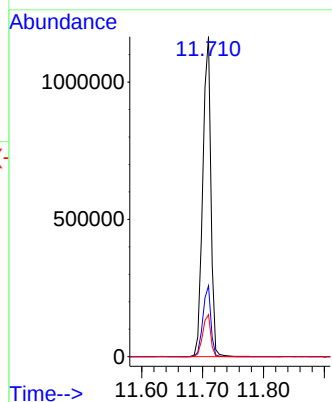
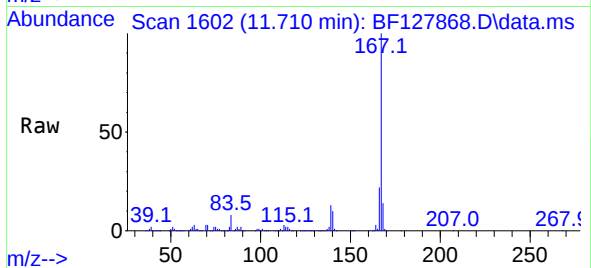
PB144313BS

Tgt Ion:167 Resp: 1074463
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 13.2 10.7 16.1

Manual Integrations

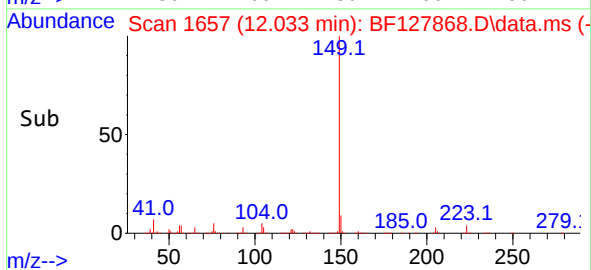
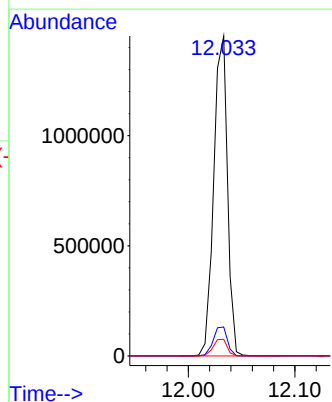
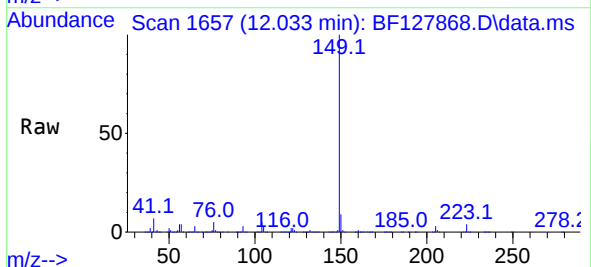
APPROVED

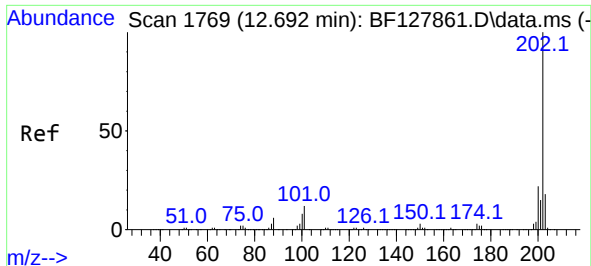
Reviewed By :Christian Giraldo 04/25/2022
 Supervised By :Jagrut Upadhyay 04/25/2022



#74
 Di-n-butylphthalate
 Concen: 42.207 ng
 RT: 12.033 min Scan# 1657
 Delta R.T. -0.000 min
 Lab File: BF127868.D
 Acq: 22 Apr 2022 23:51

Tgt Ion:149 Resp: 1300011
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.5 11.3
 104 5.2 4.3 6.5





#75
Fluoranthene
Concen: 40.792 ng
RT: 12.692 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127868.D
Acq: 22 Apr 2022 23:51

Instrument :

BNA_F

ClientSampleId :

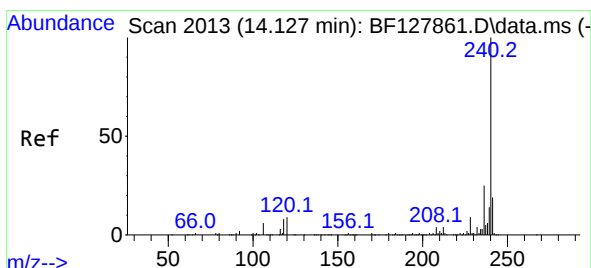
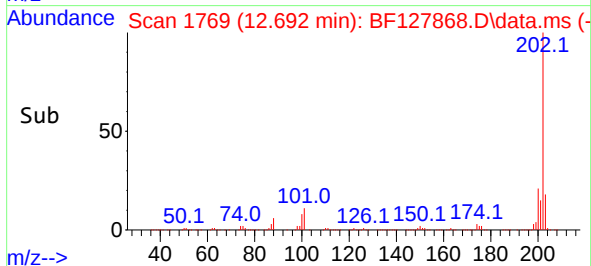
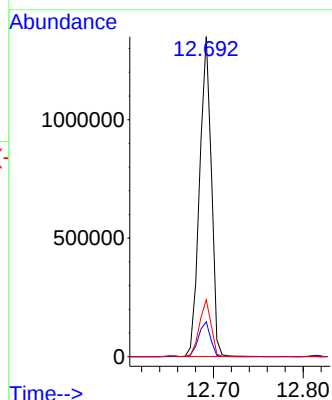
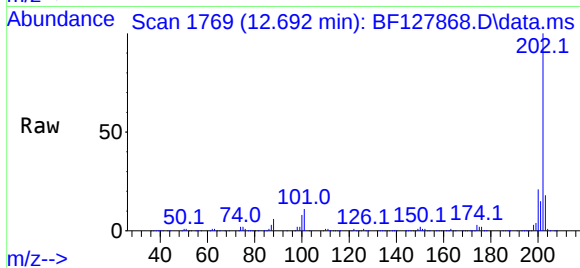
PB144313BS

Tgt Ion:202 Resp: 1224878
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.6
203 17.8 0.0 38.1

Manual Integrations

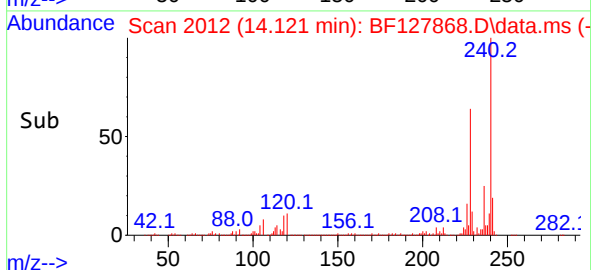
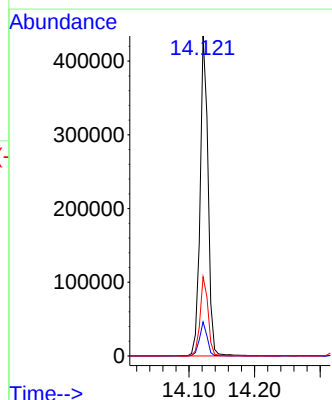
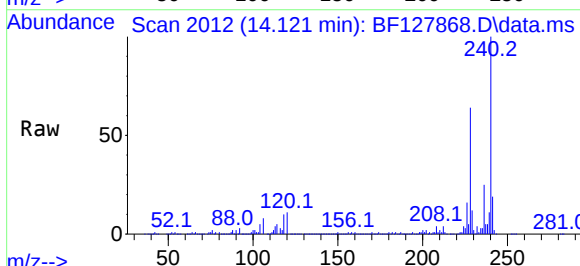
APPROVED

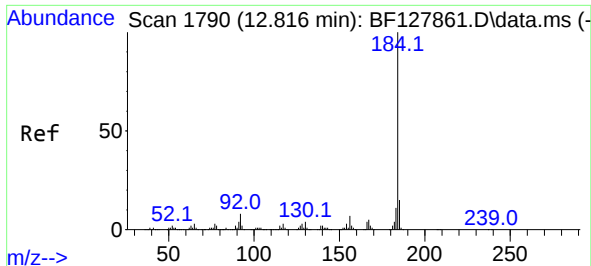
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF127868.D
Acq: 22 Apr 2022 23:51

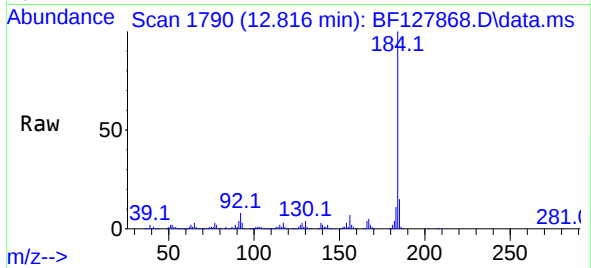
Tgt Ion:240 Resp: 367467
Ion Ratio Lower Upper
240 100
120 10.6 7.0 10.6#
236 24.7 20.3 30.5





#77
Benzidine
Concen: 89.331 ng
RT: 12.816 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127868.D
Acq: 22 Apr 2022 23:51

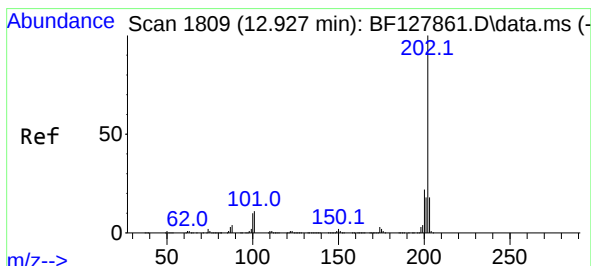
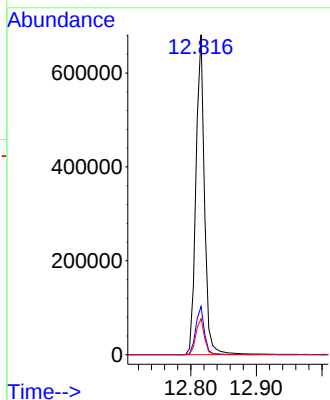
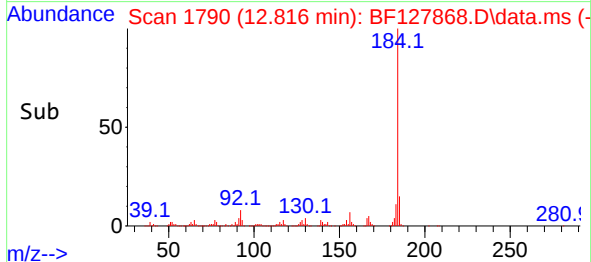
Instrument :
BNA_F
ClientSampleId :
PB144313BS



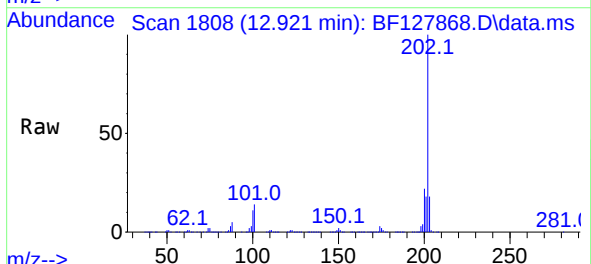
Tgt Ion:184 Resp: 62112
Ion Ratio Lower Upper
184 100
185 15.0 12.1 18.1
183 11.3 9.0 13.4

Manual Integrations
APPROVED

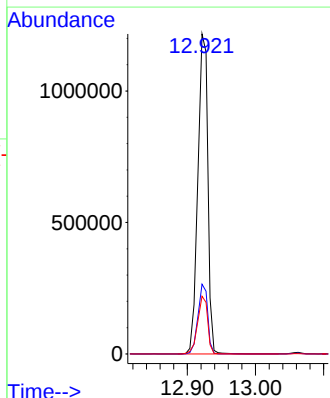
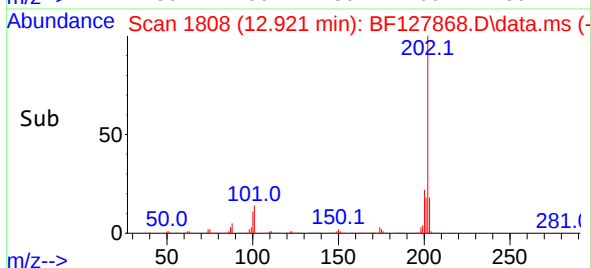
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#78
Pyrene
Concen: 41.834 ng
RT: 12.921 min Scan# 1808
Delta R.T. -0.006 min
Lab File: BF127868.D
Acq: 22 Apr 2022 23:51



Tgt Ion:202 Resp: 1240949
Ion Ratio Lower Upper
202 100
200 21.8 17.4 26.2
203 18.0 14.0 21.0





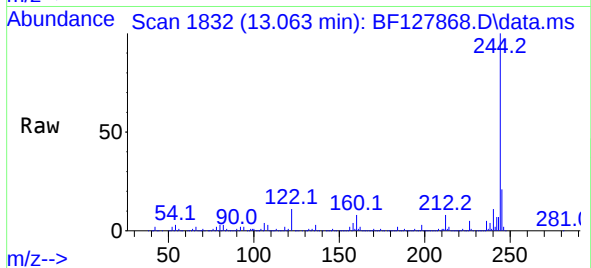
#79
 Terphenyl-d14
 Concen: 80.684 ng
 RT: 13.063 min Scan# 1832
 Delta R.T. -0.000 min
 Lab File: BF127868.D
 Acq: 22 Apr 2022 23:51

Instrument :

BNA_F

ClientSampleId :

PB144313BS

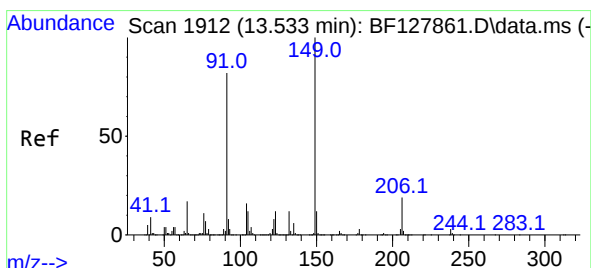
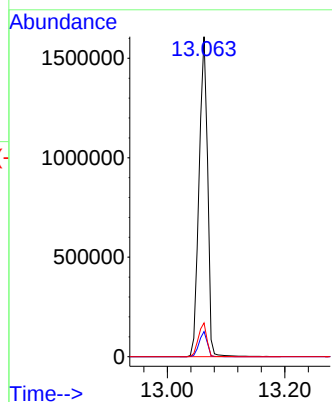
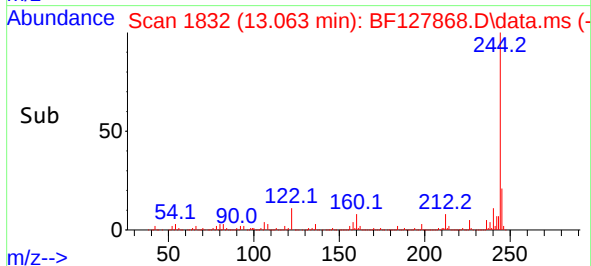


Tgt Ion:244 Resp: 162143
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.4
 122 10.6 8.6 12.8

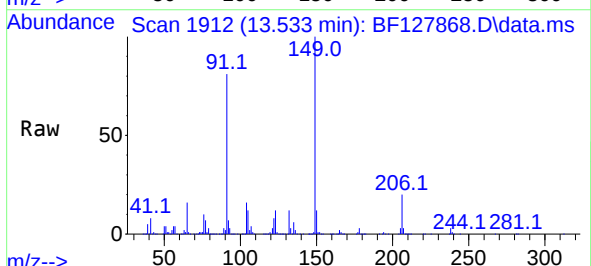
Manual Integrations

APPROVED

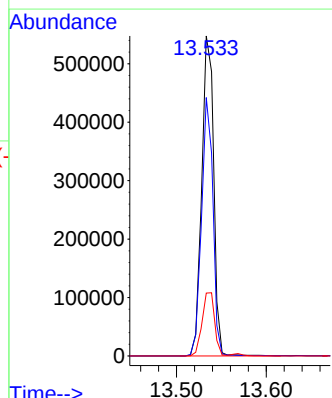
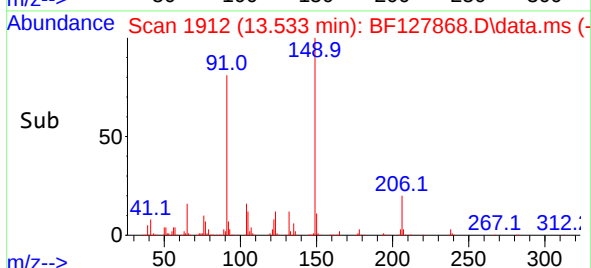
Reviewed By :Christian Giraldo 04/25/2022
 Supervised By :Jagrut Upadhyay 04/25/2022

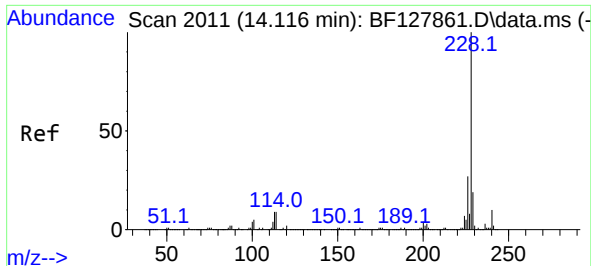


#80
 Butylbenzylphthalate
 Concen: 43.601 ng
 RT: 13.533 min Scan# 1912
 Delta R.T. -0.000 min
 Lab File: BF127868.D
 Acq: 22 Apr 2022 23:51



Tgt Ion:149 Resp: 506945
 Ion Ratio Lower Upper
 149 100
 91 80.8 65.8 98.6
 206 19.7 15.4 23.2





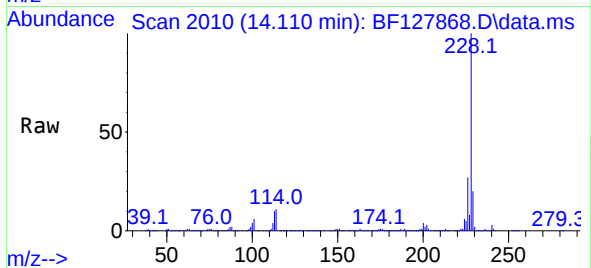
#81
Benzo(a)anthracene
Concen: 42.711 ng
RT: 14.110 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF127868.D
Acq: 22 Apr 2022 23:51

Instrument :

BNA_F

ClientSampleId :

PB144313BS

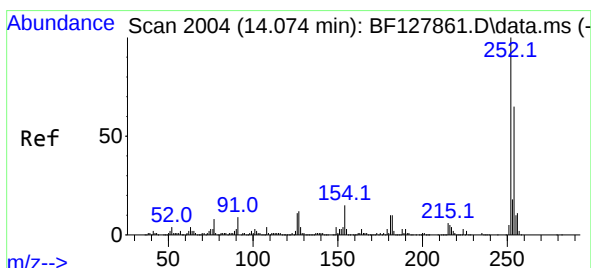
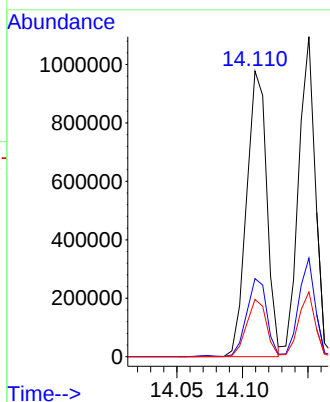
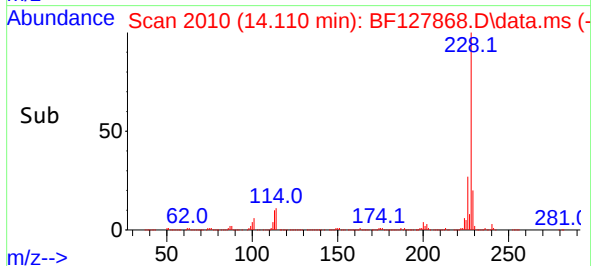


Tgt Ion:228 Resp: 1046098
Ion Ratio Lower Upper
228 100
226 27.3 21.7 32.5
229 20.1 15.4 23.2

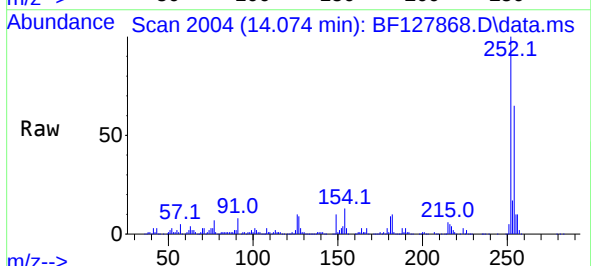
Manual Integrations

APPROVED

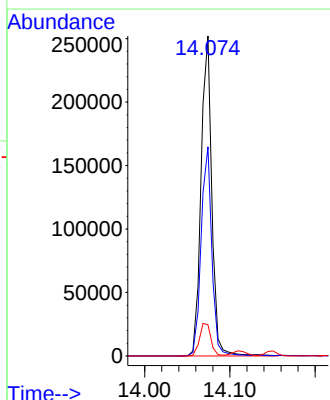
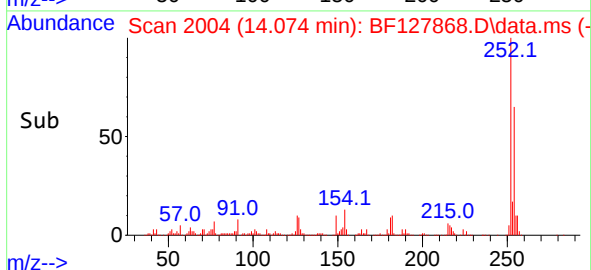
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022

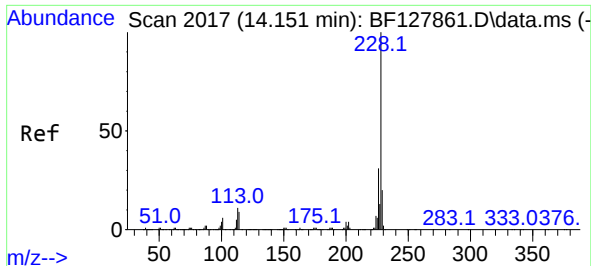


#82
3,3'-Dichlorobenzidine
Concen: 28.466 ng
RT: 14.074 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BF127868.D
Acq: 22 Apr 2022 23:51



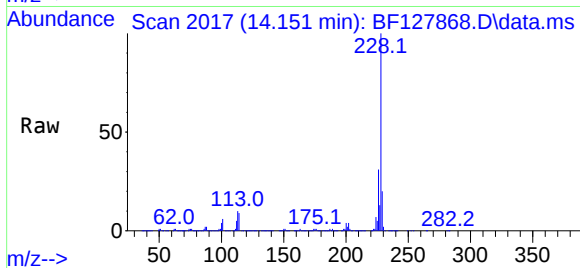
Tgt Ion:252 Resp: 221373
Ion Ratio Lower Upper
252 100
254 65.4 51.6 77.4
126 9.8 8.8 13.2





#83
Chrysene
Concen: 42.162 ng
RT: 14.151 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF127868.D
Acq: 22 Apr 2022 23:51

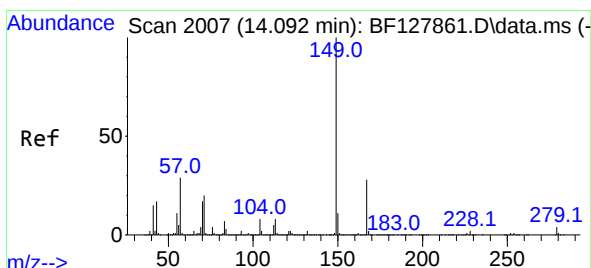
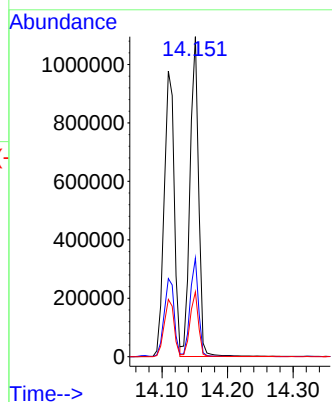
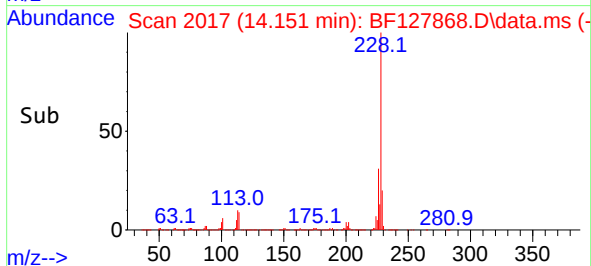
Instrument :
BNA_F
ClientSampleId :
PB144313BS



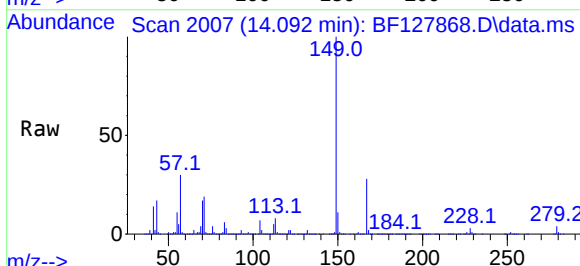
Tgt Ion:228 Resp: 986225
Ion Ratio Lower Upper
228 100
226 30.8 24.4 36.6
229 20.3 15.8 23.8

Manual Integrations
APPROVED

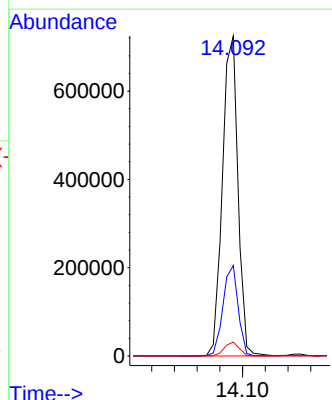
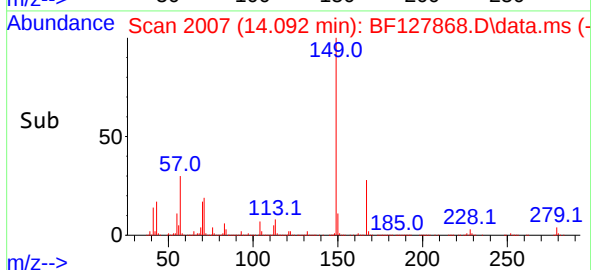
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022

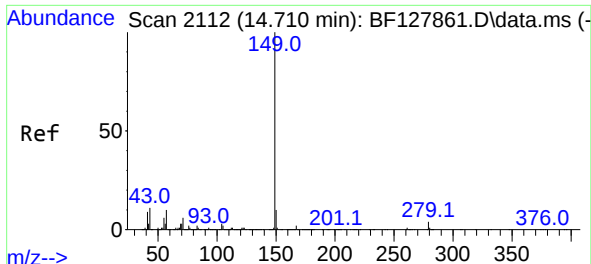


#84
Bis(2-ethylhexyl)phthalate
Concen: 44.788 ng
RT: 14.092 min Scan# 2007
Delta R.T. -0.000 min
Lab File: BF127868.D
Acq: 22 Apr 2022 23:51



Tgt Ion:149 Resp: 690566
Ion Ratio Lower Upper
149 100
167 28.2 22.0 33.0
279 4.4 3.4 5.0





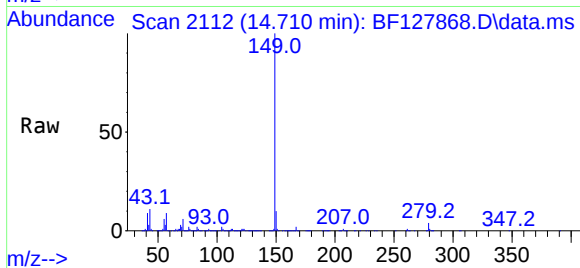
#85
Di-n-octyl phthalate
Concen: 46.251 ng
RT: 14.710 min Scan# 2112
Delta R.T. -0.000 min
Lab File: BF127868.D
Acq: 22 Apr 2022 23:51

Instrument :

BNA_F

ClientSampleId :

PB144313BS

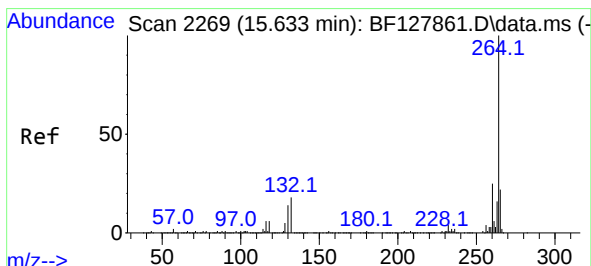
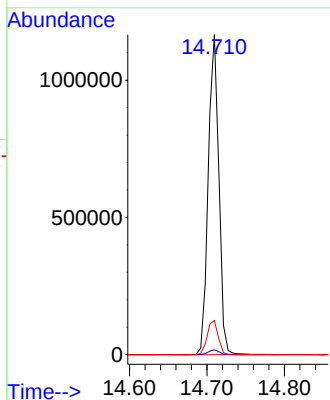
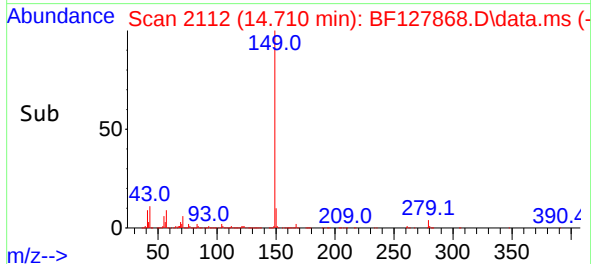


Tgt Ion:149 Resp: 110514
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.0 8.9 13.3

Manual Integrations

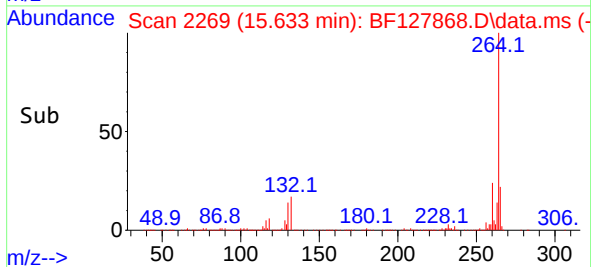
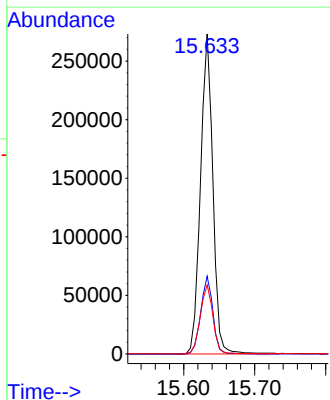
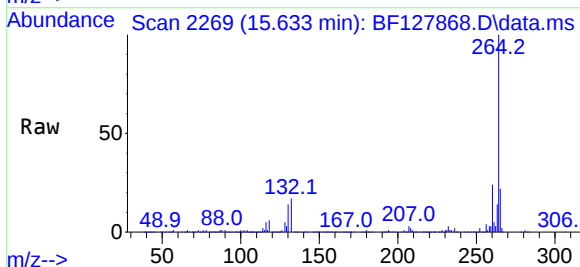
APPROVED

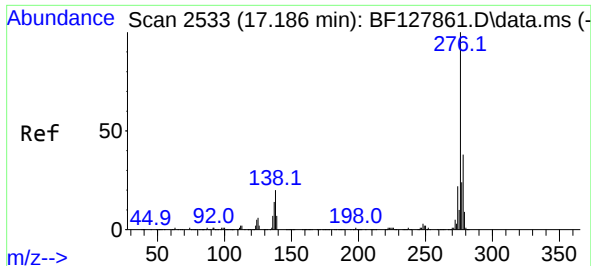
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.633 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BF127868.D
Acq: 22 Apr 2022 23:51

Tgt Ion:264 Resp: 331256
Ion Ratio Lower Upper
264 100
260 24.3 20.1 30.1
265 21.6 17.5 26.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 48.782 ng
RT: 17.186 min Scan# 2193
Delta R.T. -0.000 min
Lab File: BF127868.D
Acq: 22 Apr 2022 23:51

Instrument :

BNA_F

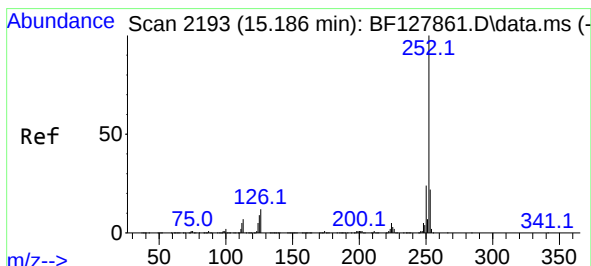
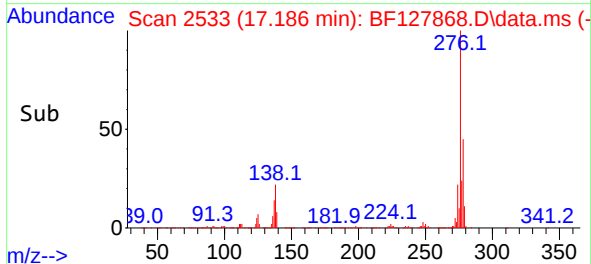
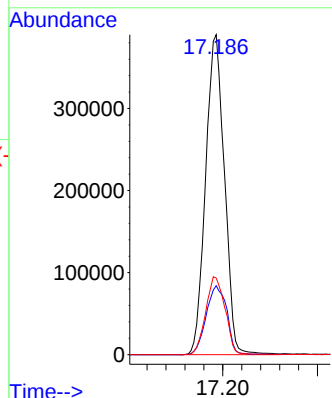
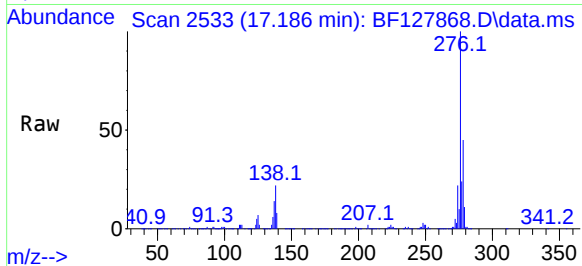
ClientSampleId :

PB144313BS

Tgt Ion:276 Resp: 107859
Ion Ratio Lower Upper
276 100
138 23.6 19.0 28.4
277 25.1 20.1 30.1

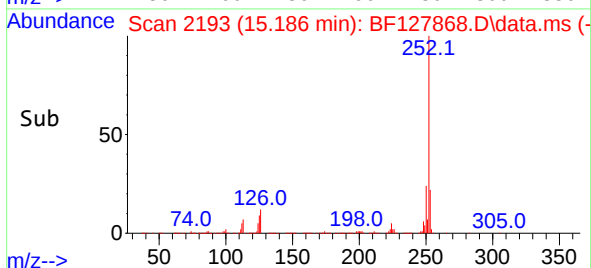
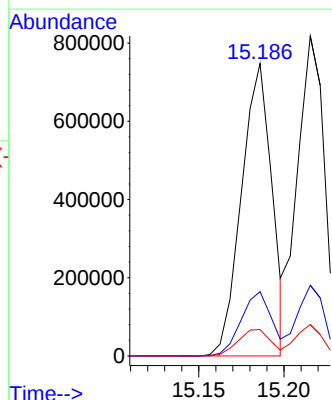
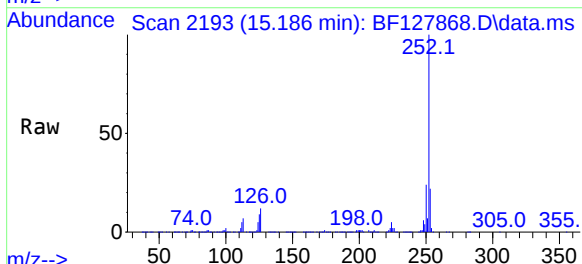
Manual Integrations
APPROVED

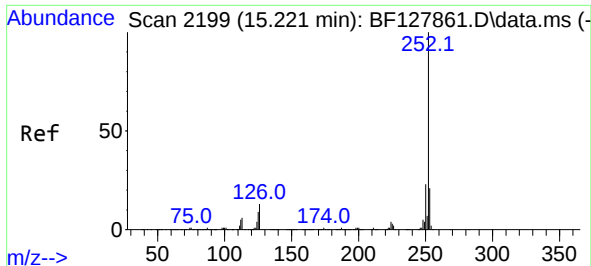
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#88
Benzo(b)fluoranthene
Concen: 44.685 ng
RT: 15.186 min Scan# 2193
Delta R.T. -0.000 min
Lab File: BF127868.D
Acq: 22 Apr 2022 23:51

Tgt Ion:252 Resp: 929709
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 9.0 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 44.143 ng

RT: 15.215 min Scan# 2199

Delta R.T. -0.006 min

Lab File: BF127868.D

Acq: 22 Apr 2022 23:51

Instrument :

BNA_F

ClientSampleId :

PB144313BS

Tgt Ion:252 Resp: 92530

Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.4

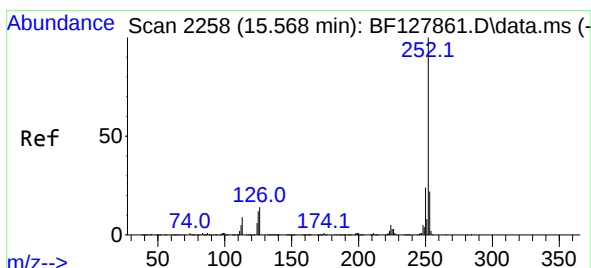
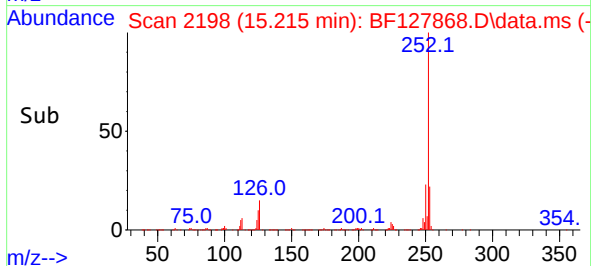
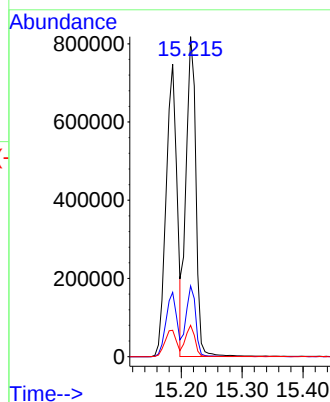
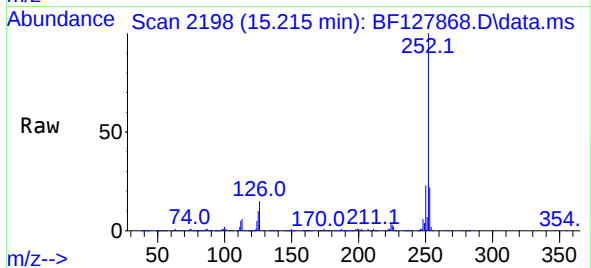
125 9.8 6.8 10.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/25/2022

Supervised By :Jagrut Upadhyay 04/25/2022



#90

Benzo(a)pyrene

Concen: 52.305 ng

RT: 15.568 min Scan# 2258

Delta R.T. -0.000 min

Lab File: BF127868.D

Acq: 22 Apr 2022 23:51

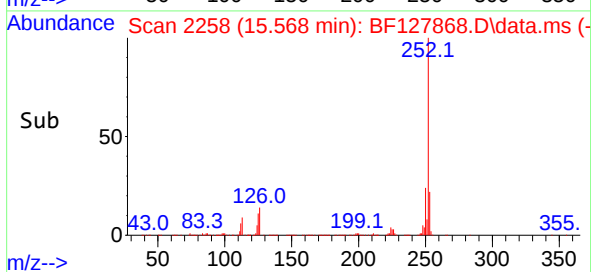
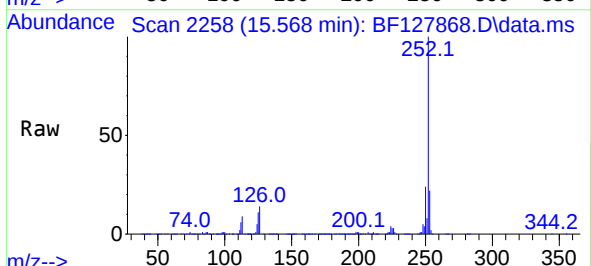
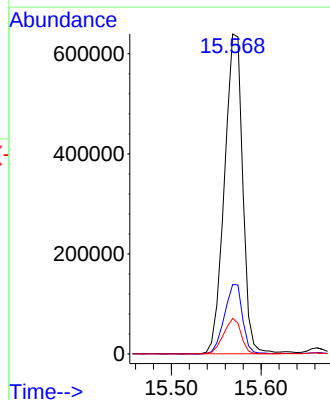
Tgt Ion:252 Resp: 902687

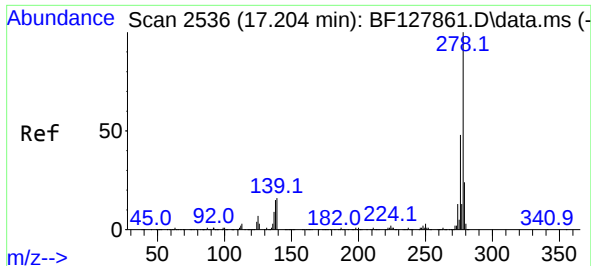
Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.6

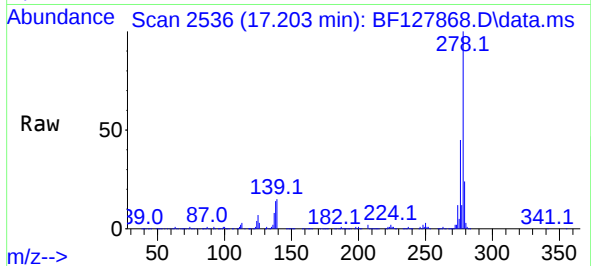
125 11.1 9.2 13.8





#91
Dibenzo(a,h)anthracene
Concen: 50.988 ng
RT: 17.203 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF127868.D
Acq: 22 Apr 2022 23:51

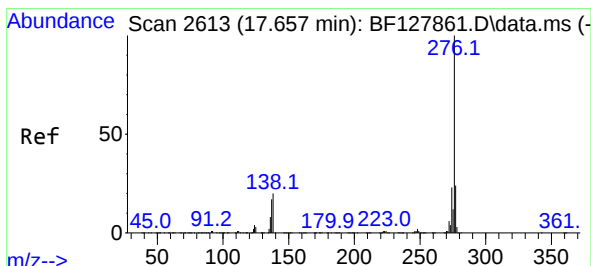
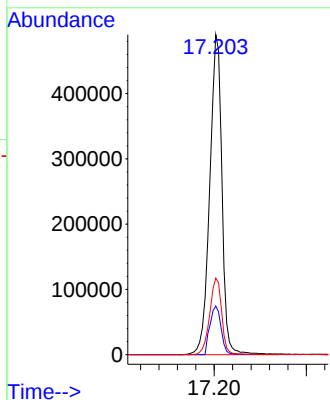
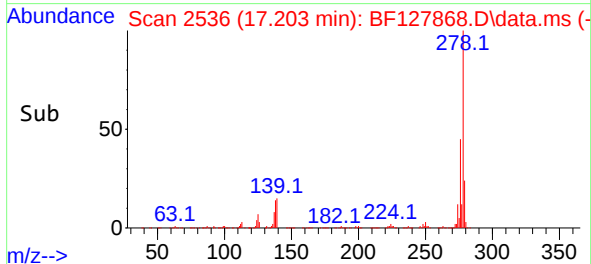
Instrument :
BNA_F
ClientSampleId :
PB144313BS



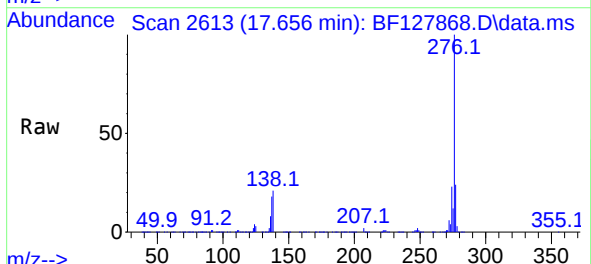
Tgt Ion:278 Resp: 904160
Ion Ratio Lower Upper
278 100
139 15.2 12.6 19.0
279 23.9 18.9 28.3

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#92
Benzo(g,h,i)perylene
Concen: 51.994 ng
RT: 17.656 min Scan# 2613
Delta R.T. -0.000 min
Lab File: BF127868.D
Acq: 22 Apr 2022 23:51



Tgt Ion:276 Resp: 971643
Ion Ratio Lower Upper
276 100
277 24.5 18.8 28.2
138 20.6 16.2 24.2

