

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042922\
 Data File : BF127993.D
 Acq On : 29 Apr 2022 14:07
 Operator : CG\JU
 Sample : PB144460BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144460BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/02/2022
 Supervised By : Jagrut Upadhyay 05/02/2022

Quant Time: Apr 29 17:56:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 28 05:13:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	139769	20.000	ng	-0.01
21) Naphthalene-d8	8.210	136	548188	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	309367	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	542346	20.000	ng	0.00
76) Chrysene-d12	14.110	240	364547	20.000	ng	0.00
86) Perylene-d12	15.615	264	294190	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	983696	112.100	ng	0.01
7) Phenol-d6	6.557	99	1284936	112.849	ng	0.00
23) Nitrobenzene-d5	7.492	82	936684	80.350	ng	-0.01
42) 2,4,6-Tribromophenol	10.763	330	362163	116.290	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	1474779	80.647	ng	0.00
79) Terphenyl-d14	13.051	244	1612992	80.907	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.887	88	128984	30.807	ng	98
3) Pyridine	3.634	79	351087	32.727	ng	99
4) n-Nitrosodimethylamine	3.599	42	221511	42.658	ng	97
6) Aniline	6.592	93	520464	38.472	ng	99
8) 2-Chlorophenol	6.710	128	387149	42.508	ng	98
9) Benzaldehyde	6.481	77	264309	37.523	ng	94
10) Phenol	6.569	94	463099m	40.325	ng	
11) bis(2-Chloroethyl)ether	6.663	93	398340	41.814	ng	99
12) 1,3-Dichlorobenzene	6.869	146	416042	39.684	ng	99
13) 1,4-Dichlorobenzene	6.945	146	419854	40.122	ng	98
14) 1,2-Dichlorobenzene	7.092	146	401098	41.404	ng	98
15) Benzyl Alcohol	7.069	79	342218	44.197	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.192	45	597513	41.039	ng	99
17) 2-Methylphenol	7.175	107	338301	43.051	ng	98
18) Hexachloroethane	7.434	117	161498	41.979	ng	94
19) n-Nitroso-di-n-propyla...	7.339	70	296496	42.538	ng	98
20) 3+4-Methylphenols	7.328	107	381378	40.175	ng	97
22) Acetophenone	7.339	105	528751	39.574	ng	97
24) Nitrobenzene	7.510	77	464135	41.318	ng	98
25) Isophorone	7.751	82	846442	43.141	ng	99
26) 2-Nitrophenol	7.822	139	202683	42.342	ng	97
27) 2,4-Dimethylphenol	7.857	122	358923	45.143	ng	98
28) bis(2-Chloroethoxy)met...	7.957	93	486696	38.705	ng	99
29) 2,4-Dichlorophenol	8.063	162	322809	38.755	ng	98
30) 1,2,4-Trichlorobenzene	8.145	180	366738	38.760	ng	98
31) Naphthalene	8.234	128	1083396	38.803	ng	100
32) Benzoic acid	7.987	122	212584	37.303	ng	98
33) 4-Chloroaniline	8.281	127	324779	29.400	ng	99
34) Hexachlorobutadiene	8.339	225	239123	40.123	ng	97
35) Caprolactam	8.657	113	102807m	38.236	ng	
36) 4-Chloro-3-methylphenol	8.763	107	361714	40.661	ng	98
37) 2-Methylnaphthalene	8.922	142	725779	39.333	ng	99
38) 1-Methylnaphthalene	9.022	142	689413	38.439	ng	99
40) 1,2,4,5-Tetrachloroben...	9.086	216	351133	38.507	ng	98
41) Hexachlorocyclopentadiene	9.075	237	456963	92.495	ng	98
43) 2,4,6-Trichlorophenol	9.198	196	228508	38.085	ng	98

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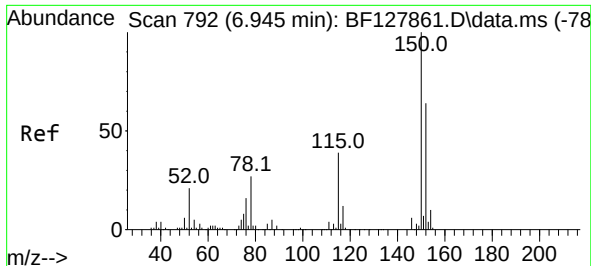
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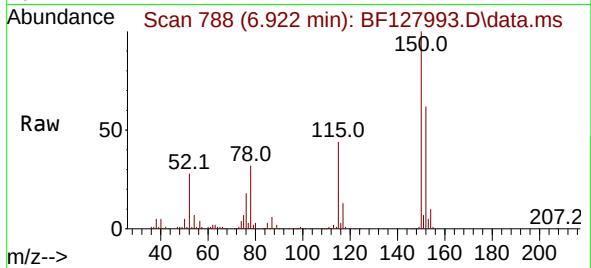
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.239	196	247119	37.887	ng	98
46) 1,1'-Biphenyl	9.386	154	884161	38.582	ng	99
47) 2-Chloronaphthalene	9.416	162	648276	37.160	ng	98
48) 2-Nitroaniline	9.510	65	240525	40.759	ng	95
49) Acenaphthylene	9.833	152	1054956	39.533	ng	100
50) Dimethylphthalate	9.692	163	790076	38.080	ng	99
51) 2,6-Dinitrotoluene	9.757	165	181574	40.420	ng	95
52) Acenaphthene	10.004	154	757228m	42.207	ng	
53) 3-Nitroaniline	9.928	138	143520	28.771	ng	97
54) 2,4-Dinitrophenol	10.033	184	194279	82.122	ng	# 82
55) Dibenzofuran	10.180	168	944728	36.498	ng	99
56) 4-Nitrophenol	10.092	139	270896	71.118	ng	95
57) 2,4-Dinitrotoluene	10.163	165	242704	40.788	ng	94
58) Fluorene	10.522	166	723938	37.481	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.292	232	213055	38.844	ng	100
60) Diethylphthalate	10.392	149	778298	38.255	ng	99
61) 4-Chlorophenyl-phenyle...	10.510	204	356305	37.123	ng	96
62) 4-Nitroaniline	10.545	138	179674	36.842	ng	97
63) Azobenzene	10.669	77	835796	37.334	ng	99
65) 4,6-Dinitro-2-methylph...	10.569	198	131605	40.839	ng	94
66) n-Nitrosodiphenylamine	10.633	169	651568	38.610	ng	98
67) 4-Bromophenyl-phenylether	11.004	248	234559	39.014	ng	93
68) Hexachlorobenzene	11.069	284	253453	40.012	ng	# 91
69) Atrazine	11.157	200	232380	44.532	ng	97
70) Pentachlorophenol	11.263	266	281864	75.637	ng	97
71) Phenanthrene	11.486	178	1075163	37.872	ng	99
72) Anthracene	11.539	178	1090504	38.561	ng	99
73) Carbazole	11.692	167	975757	35.800	ng	100
74) Di-n-butylphthalate	12.016	149	1178964	38.468	ng	99
75) Fluoranthene	12.680	202	1144251	38.296	ng	97
77) Benzidine	12.798	184	586954	85.093	ng	98
78) Pyrene	12.910	202	1143261	38.849	ng	100
80) Butylbenzylphthalate	13.521	149	475548	41.228	ng	96
81) Benzo(a)anthracene	14.098	228	965708	39.744	ng	99
82) 3,3'-Dichlorobenzidine	14.057	252	236072	30.599	ng	99
83) Chrysene	14.139	228	894997	38.568	ng	99
84) Bis(2-ethylhexyl)phtha...	14.074	149	640203	41.854	ng	99
85) Di-n-octyl phthalate	14.692	149	987795	41.671	ng	100
87) Indeno(1,2,3-cd)pyrene	17.157	276	729442	37.147	ng	98
88) Benzo(b)fluoranthene	15.168	252	831669	45.009	ng	99
89) Benzo(k)fluoranthene	15.204	252	730594	39.246	ng	99
90) Benzo(a)pyrene	15.551	252	729983	47.627	ng	98
91) Dibenzo(a,h)anthracene	17.174	278	631738	40.114	ng	97
92) Benzo(g,h,i)perylene	17.627	276	639877	38.555	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127993.D
Acq: 29 Apr 2022 14:07

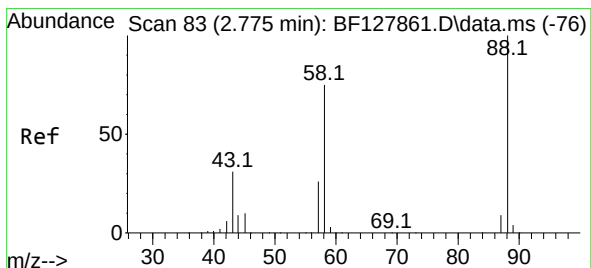
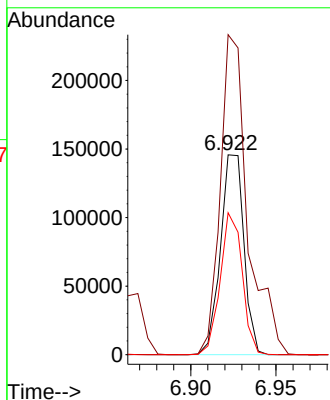
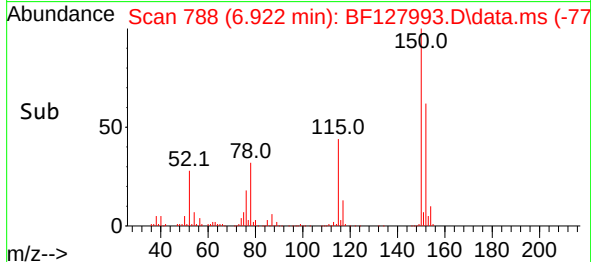
Instrument :
BNA_F
ClientSampleId :
PB144460BS



Tgt Ion:152 Resp: 139769
Ion Ratio Lower Upper
152 100
150 160.2 125.3 187.9
115 71.0 48.8 73.2

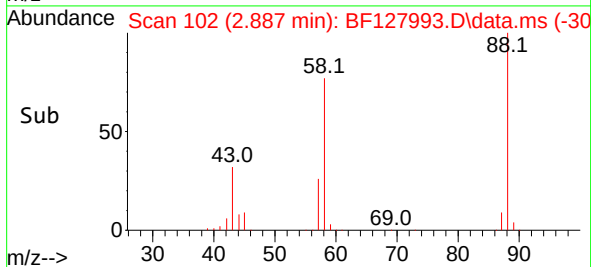
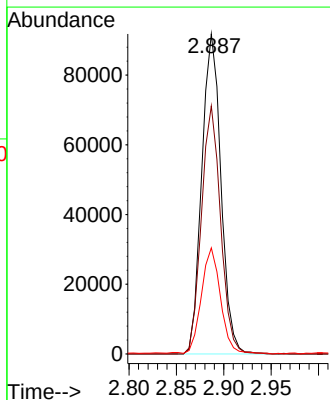
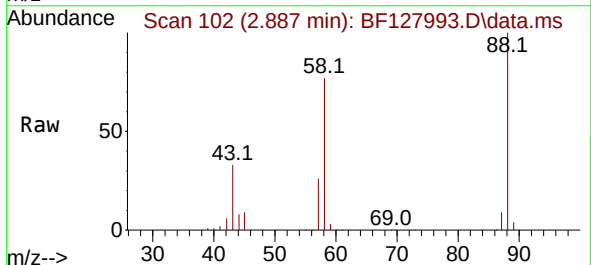
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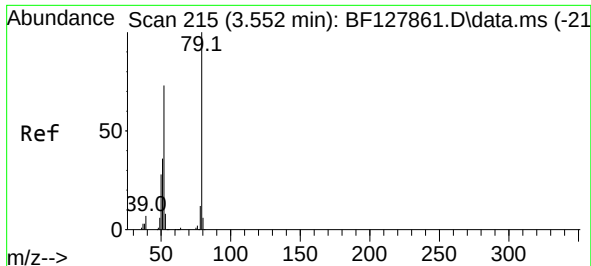
Reviewed By :Christian Giraldo 05/02/2022
Supervised By :Jagrut Upadhyay 05/02/2022



#2
1,4-Dioxane
Concen: 30.807 ng
RT: 2.887 min Scan# 102
Delta R.T. 0.124 min
Lab File: BF127993.D
Acq: 29 Apr 2022 14:07

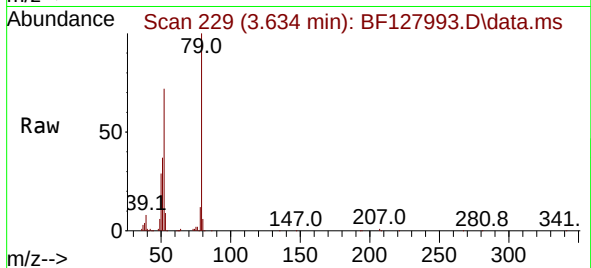
Tgt Ion: 88 Resp: 128984
Ion Ratio Lower Upper
88 100
58 77.5 61.0 91.4
43 33.8 24.9 37.3





#3
Pyridine
Concen: 32.727 ng
RT: 3.634 min Scan# 215
Delta R.T. 0.094 min
Lab File: BF127993.D
Acq: 29 Apr 2022 14:07

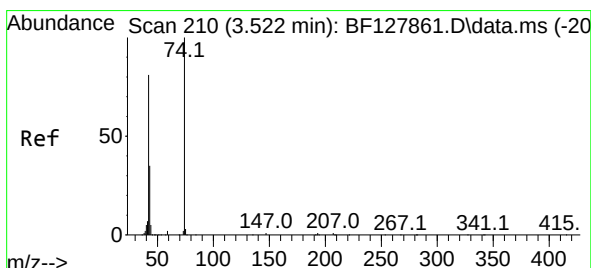
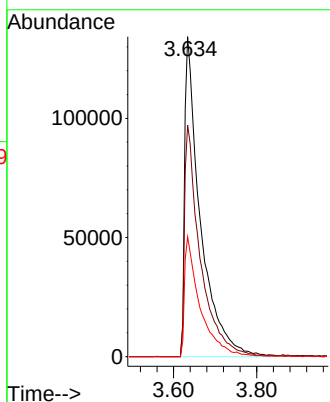
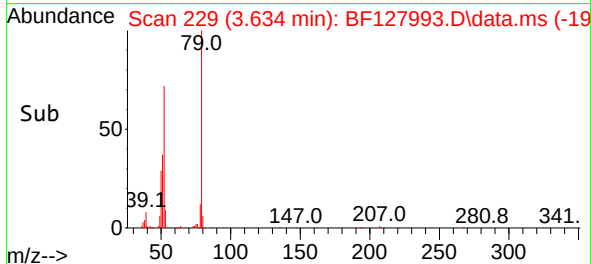
Instrument :
BNA_F
ClientSampleId :
PB144460BS



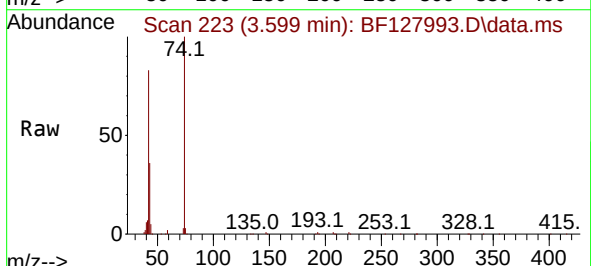
Tgt Ion: 79 Resp: 35108
Ion Ratio Lower Upper
79 100
52 72.3 58.3 87.5
51 37.4 28.6 42.8

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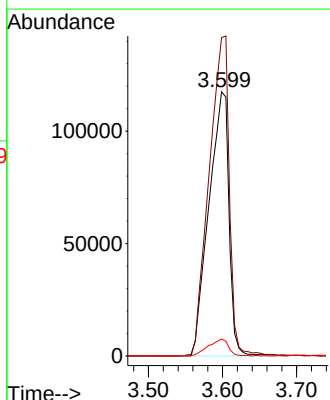
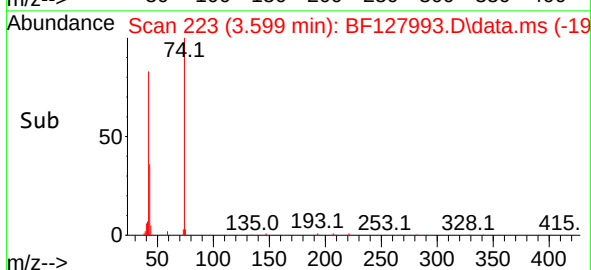
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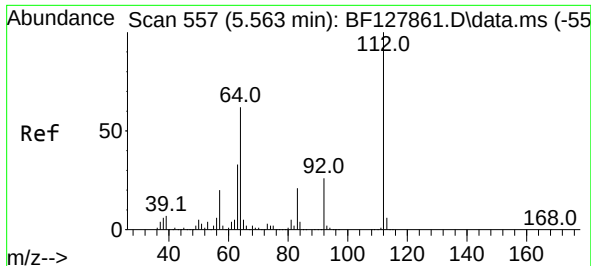


#4
n-Nitrosodimethylamine
Concen: 42.658 ng
RT: 3.599 min Scan# 223
Delta R.T. 0.088 min
Lab File: BF127993.D
Acq: 29 Apr 2022 14:07



Tgt Ion: 42 Resp: 221511
Ion Ratio Lower Upper
42 100
74 120.6 99.0 148.4
44 6.4 5.2 7.8





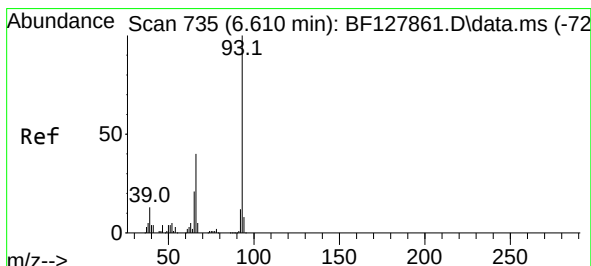
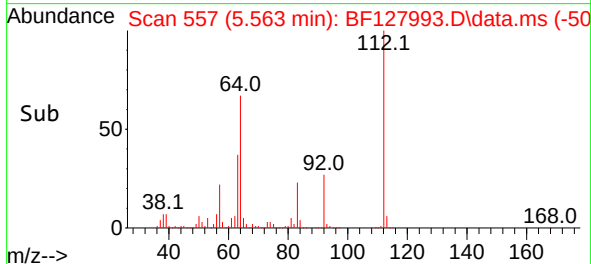
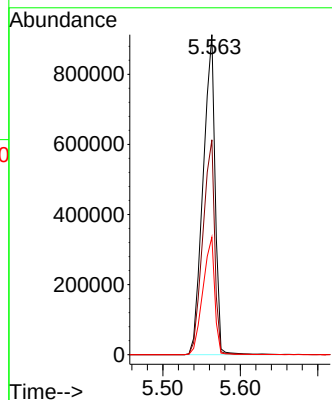
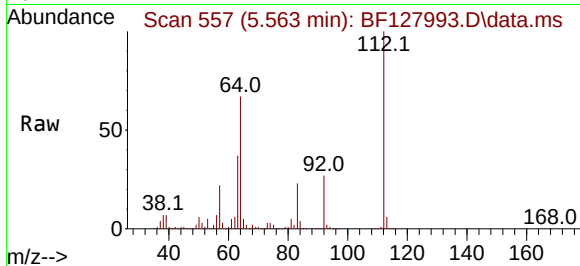
#5
2-Fluorophenol
Concen: 112.100 ng
RT: 5.563 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF127993.D
Acq: 29 Apr 2022 14:07

Instrument :
BNA_F
ClientSampleId :
PB144460BS

Tgt Ion:112 Resp: 983690
Ion Ratio Lower Upper
112 100
64 67.1 49.5 74.3
63 36.7 26.3 39.5

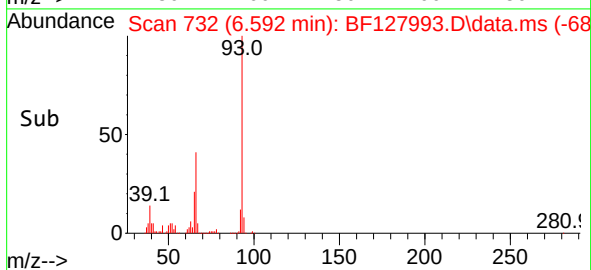
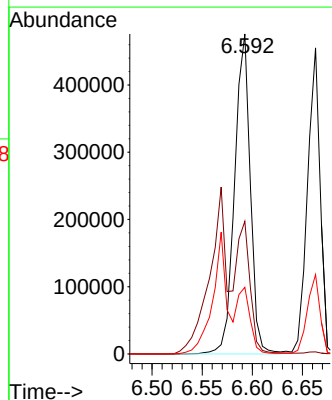
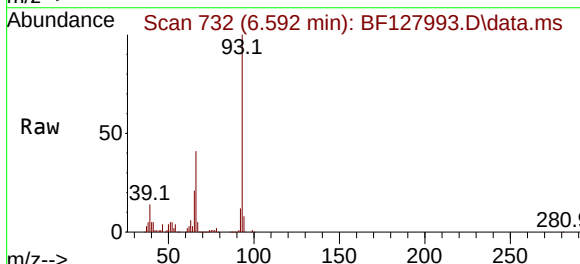
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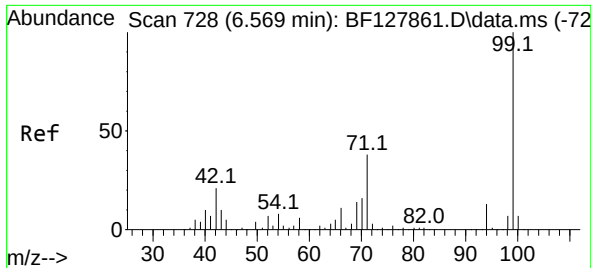
Reviewed By :Christian Giraldo 05/02/2022
Supervised By :Jagrut Upadhyay 05/02/2022



#6
Aniline
Concen: 38.472 ng
RT: 6.592 min Scan# 732
Delta R.T. -0.006 min
Lab File: BF127993.D
Acq: 29 Apr 2022 14:07

Tgt Ion: 93 Resp: 520464
Ion Ratio Lower Upper
93 100
66 41.4 32.2 48.4
65 20.9 16.7 25.1





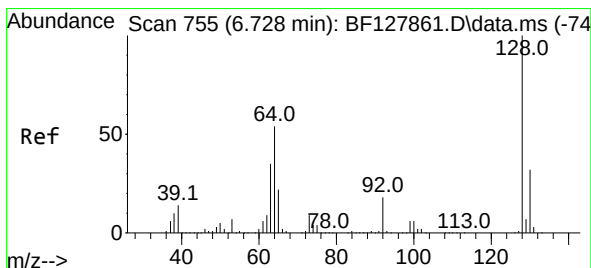
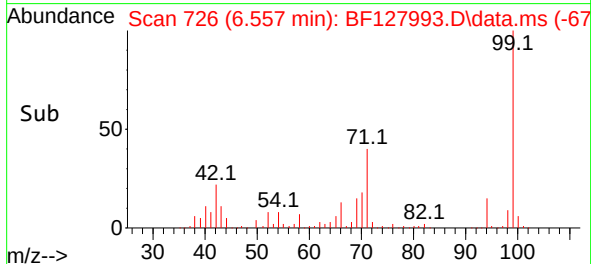
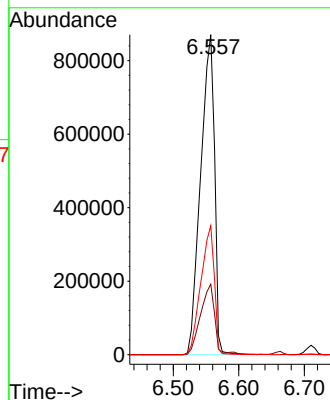
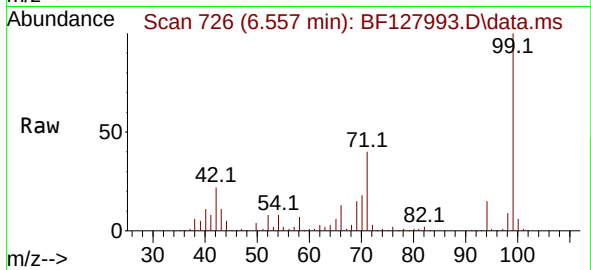
#7
Phenol-d6
Concen: 112.849 ng
RT: 6.557 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127993.D
Acq: 29 Apr 2022 14:07

Instrument :
BNA_F
ClientSampleId :
PB144460BS

Tgt Ion: 99 Resp: 128493
Ion Ratio Lower Upper
99 100
42 22.0 16.6 24.8
71 40.3 30.0 45.0

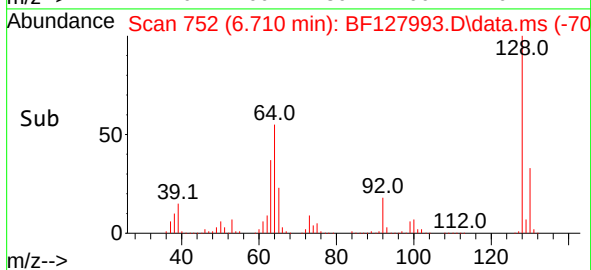
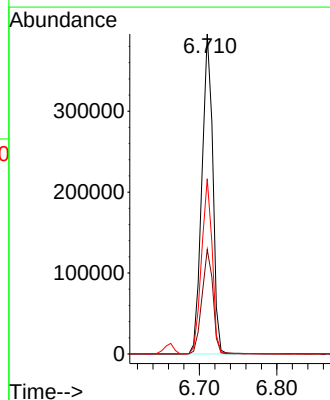
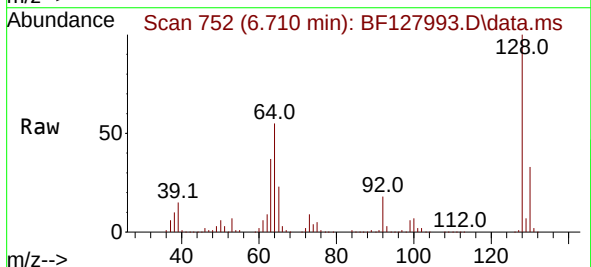
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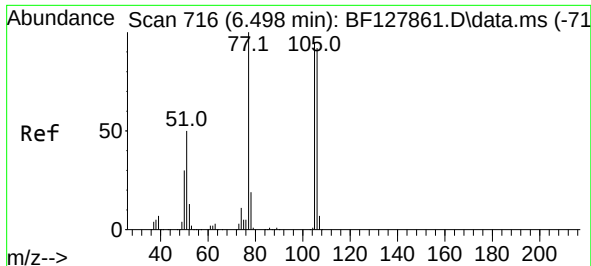
Reviewed By :Christian Giraldo 05/02/2022
Supervised By :Jagrut Upadhyay 05/02/2022



#8
2-Chlorophenol
Concen: 42.508 ng
RT: 6.710 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF127993.D
Acq: 29 Apr 2022 14:07

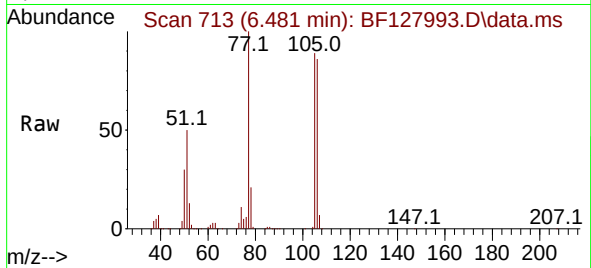
Tgt Ion:128 Resp: 387149
Ion Ratio Lower Upper
128 100
130 32.7 11.6 51.6
64 54.7 33.8 73.8





#9
Benzaldehyde
Concen: 37.523 ng
RT: 6.481 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF127993.D
Acq: 29 Apr 2022 14:07

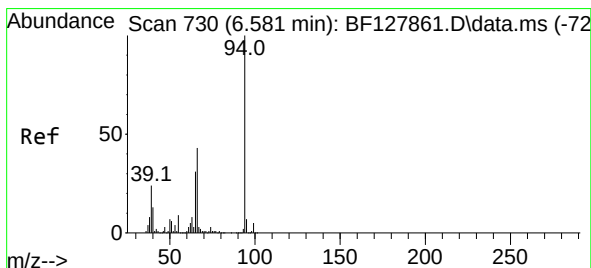
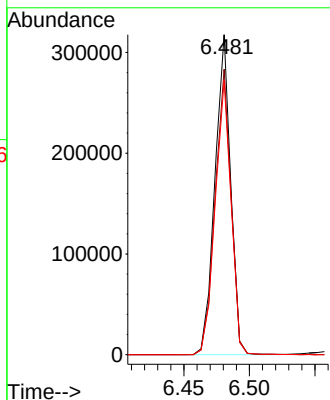
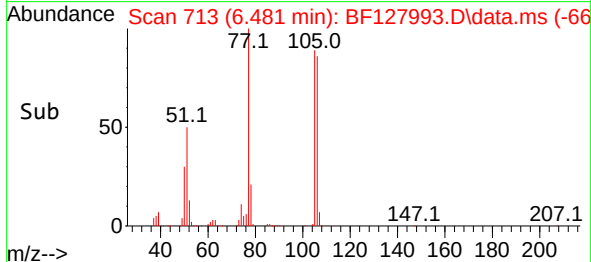
Instrument :
BNA_F
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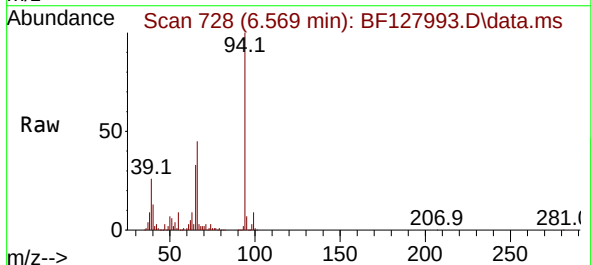
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Ion Ratio Lower Upper
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106 85.7 72.2 112.2

Manual Integrations
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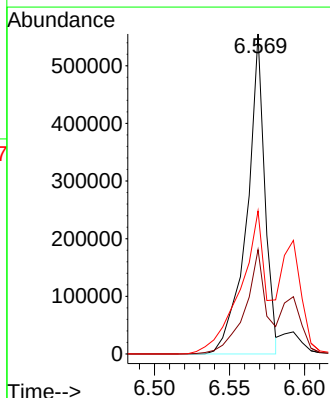
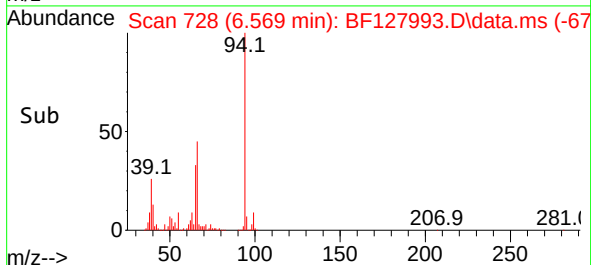
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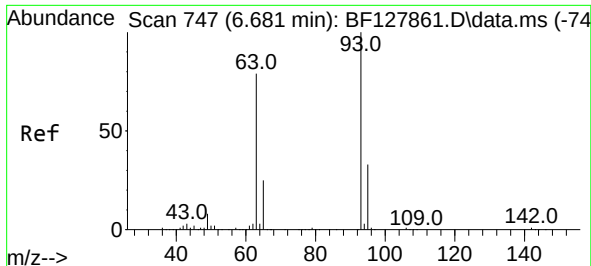


#10
Phenol
Concen: 40.325 ng m
RT: 6.569 min Scan# 728
Delta R.T. -0.006 min
Lab File: BF127993.D
Acq: 29 Apr 2022 14:07



Tgt Ion: 94 Resp: 463099
Ion Ratio Lower Upper
94 100
65 32.6 10.6 50.6
66 44.7 22.6 62.6





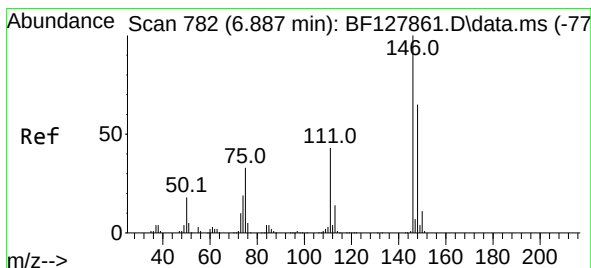
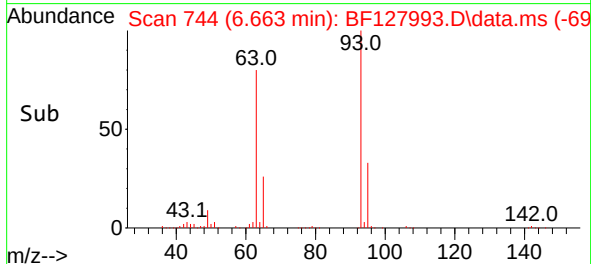
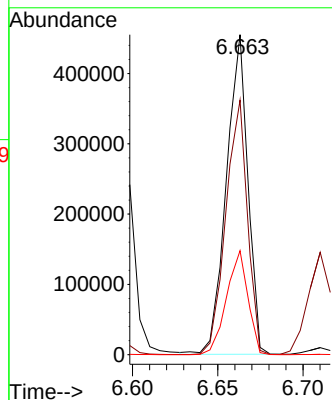
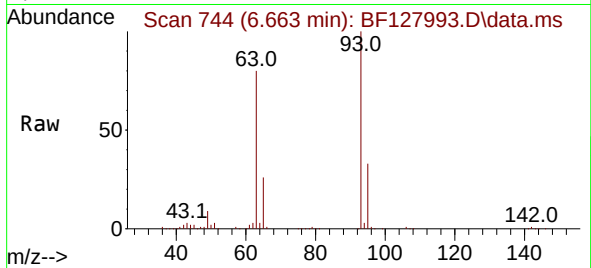
#11
bis(2-Chloroethyl)ether
Concen: 41.814 ng
RT: 6.663 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF127993.D
Acq: 29 Apr 2022 14:07

Instrument :
BNA_F
ClientSampleId :
PB144460BS

Tgt Ion: 93 Resp: 398340
Ion Ratio Lower Upper
93 100
63 79.6 58.6 98.6
95 32.5 12.9 52.9

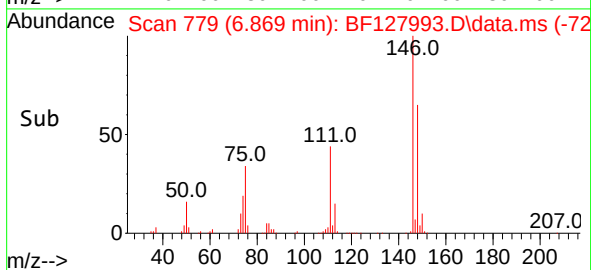
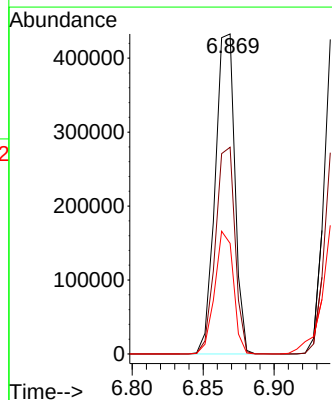
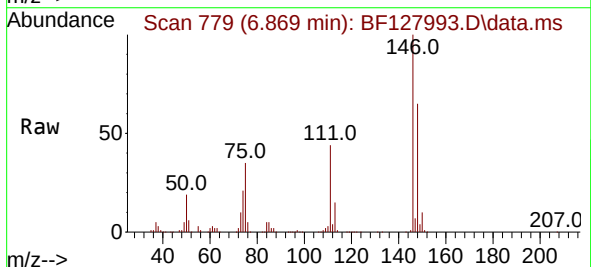
Manual Integrations
APPROVED

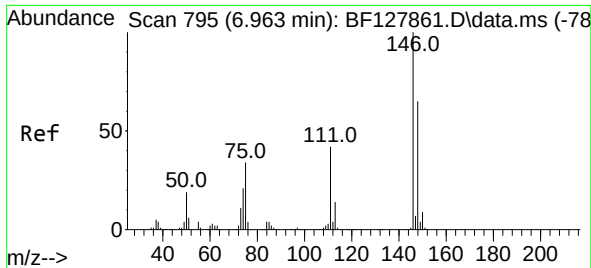
Reviewed By :Christian Giraldo 05/02/2022
Supervised By :Jagrut Upadhyay 05/02/2022



#12
1,3-Dichlorobenzene
Concen: 39.684 ng
RT: 6.869 min Scan# 779
Delta R.T. -0.006 min
Lab File: BF127993.D
Acq: 29 Apr 2022 14:07

Tgt Ion:146 Resp: 416042
Ion Ratio Lower Upper
146 100
148 64.6 52.1 78.1
75 34.6 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 40.122 ng

RT: 6.945 min Scan# 74

Delta R.T. -0.006 min

Lab File: BF127993.D

Acq: 29 Apr 2022 14:07

Instrument :

BNA_F

ClientSampleId :

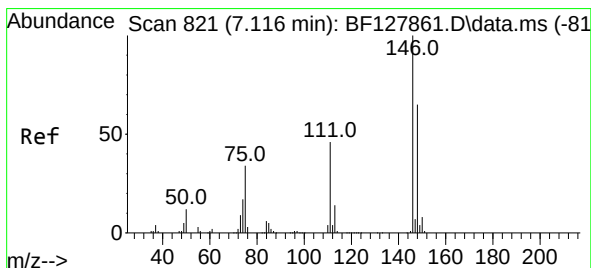
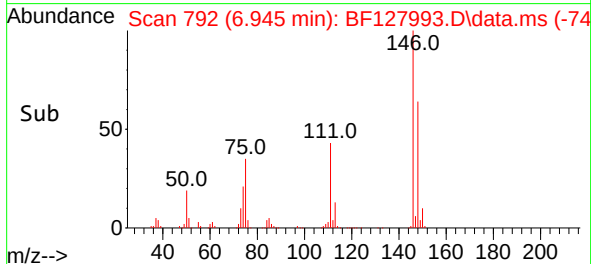
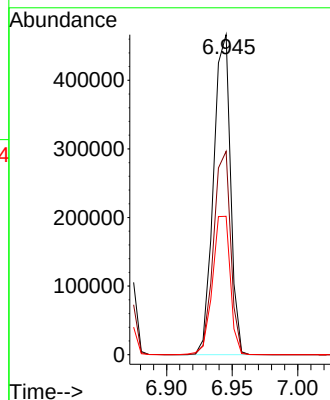
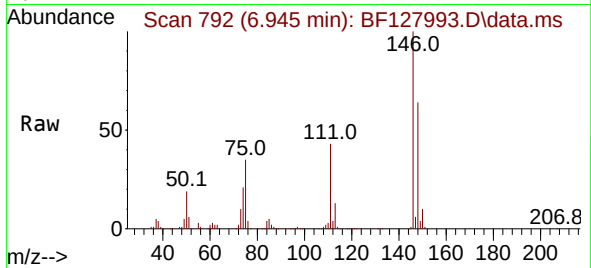
PB144460BS

Tgt Ion:146 Resp: 419854
 Ion Ratio Lower Upper
 146 100
 148 63.5 52.3 78.5
 111 43.2 33.9 50.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/02/2022
 Supervised By :Jagrut Upadhyay 05/02/2022



#14

1,2-Dichlorobenzene

Concen: 41.404 ng

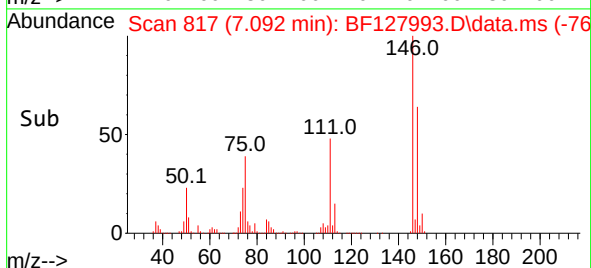
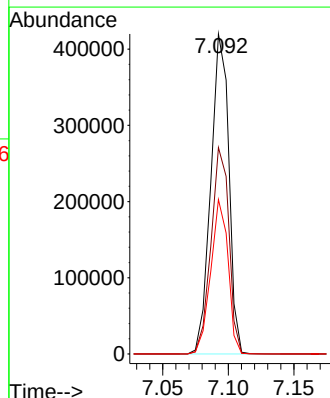
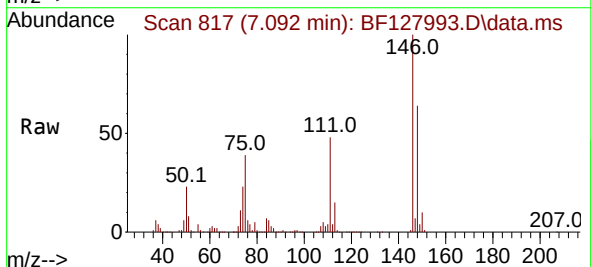
RT: 7.092 min Scan# 817

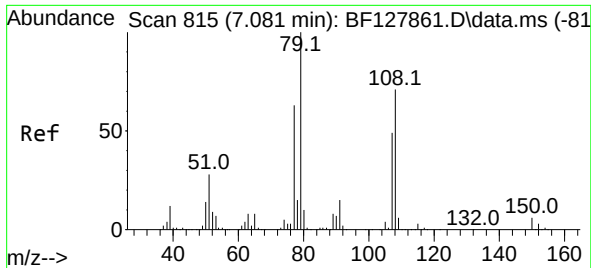
Delta R.T. -0.012 min

Lab File: BF127993.D

Acq: 29 Apr 2022 14:07

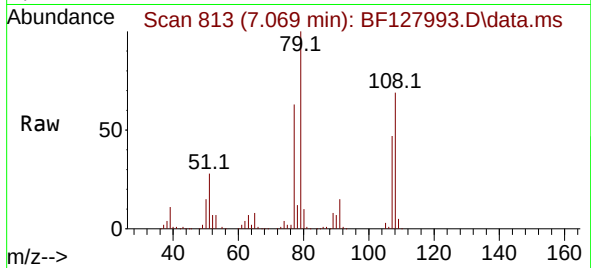
Tgt Ion:146 Resp: 401098
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.8 77.6
 111 48.2 36.6 55.0





#15
Benzyl Alcohol
Concen: 44.197 ng
RT: 7.069 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF127993.D
Acq: 29 Apr 2022 14:07

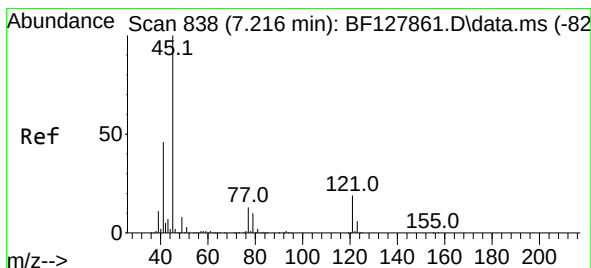
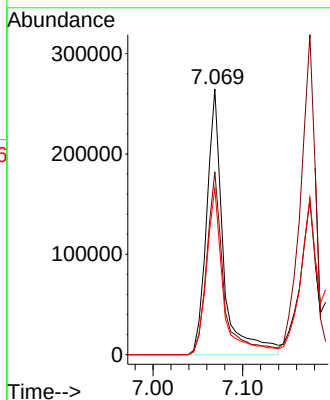
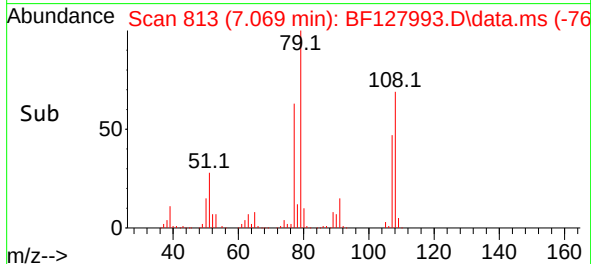
Instrument :
BNA_F
ClientSampleId :
PB144460BS



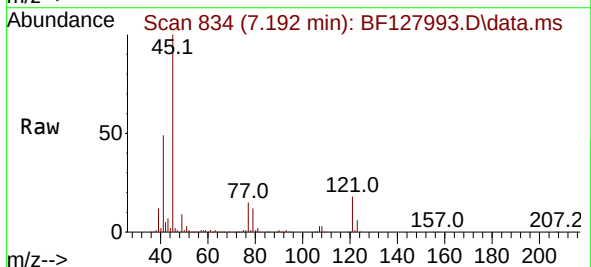
Tgt Ion: 79 Resp: 342218
Ion Ratio Lower Upper
79 100
108 68.8 57.0 85.6
77 62.8 50.2 75.4

Manual Integrations
APPROVED

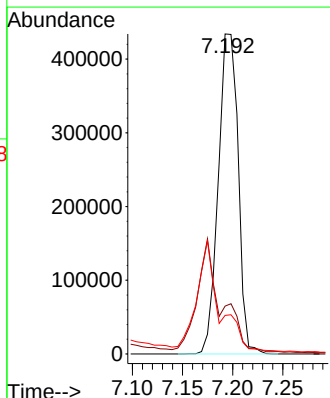
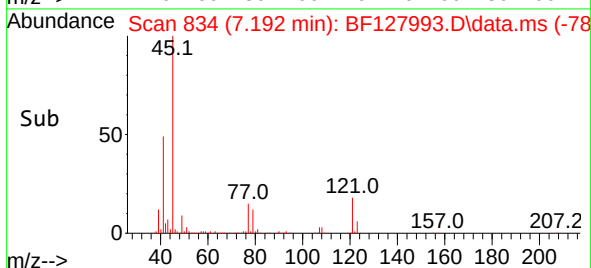
Reviewed By :Christian Giraldo 05/02/2022
Supervised By :Jagrut Upadhyay 05/02/2022

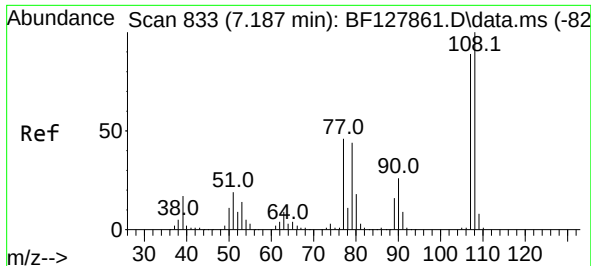


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.039 ng
RT: 7.192 min Scan# 834
Delta R.T. -0.012 min
Lab File: BF127993.D
Acq: 29 Apr 2022 14:07



Tgt Ion: 45 Resp: 597513
Ion Ratio Lower Upper
45 100
77 15.0 0.0 34.9
79 12.1 0.0 31.6





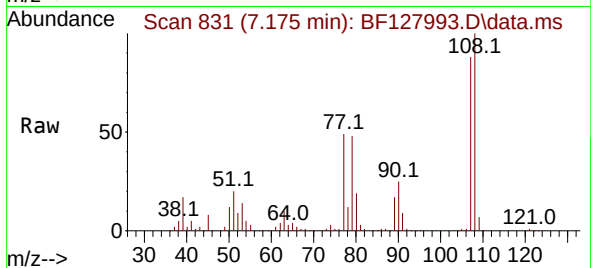
#17
2-Methylphenol
Concen: 43.051 ng
RT: 7.175 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF127993.D
Acq: 29 Apr 2022 14:07

Instrument :

BNA_F

ClientSampleId :

PB144460BS

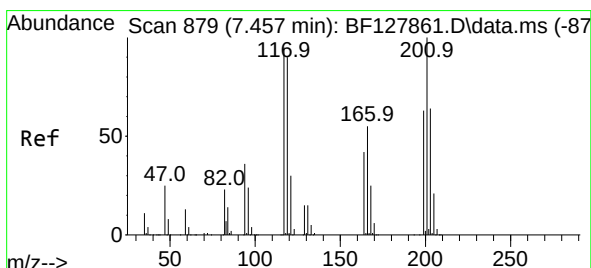
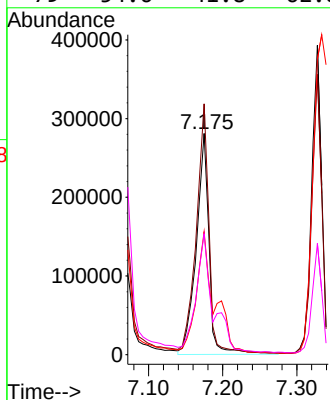
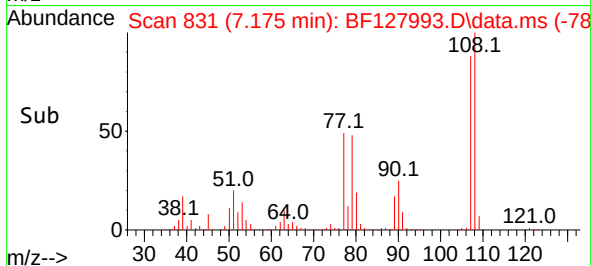


Tgt Ion:107 Resp: 33830
Ion Ratio Lower Upper
107 100
108 113.4 90.2 135.2
77 55.6 41.9 62.9
79 54.6 41.8 62.8

Manual Integrations

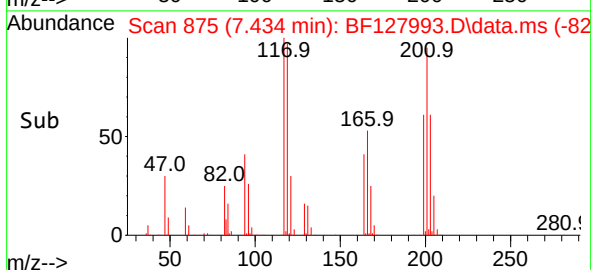
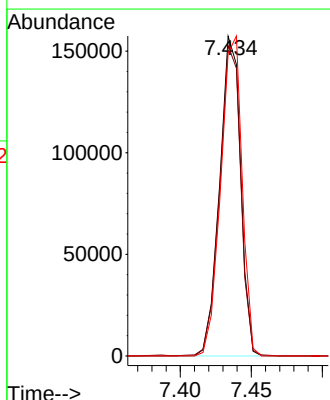
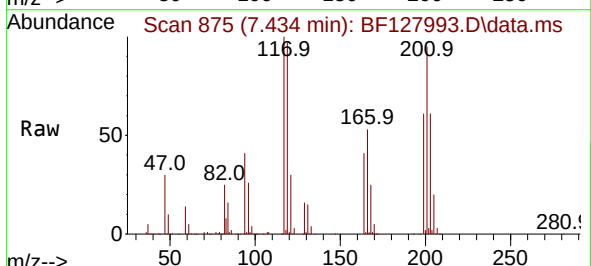
APPROVED

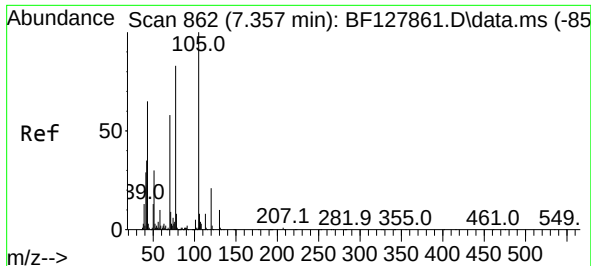
Reviewed By :Christian Giraldo 05/02/2022
Supervised By :Jagrut Upadhyay 05/02/2022



#18
Hexachloroethane
Concen: 41.979 ng
RT: 7.434 min Scan# 875
Delta R.T. -0.012 min
Lab File: BF127993.D
Acq: 29 Apr 2022 14:07

Tgt Ion:117 Resp: 161498
Ion Ratio Lower Upper
117 100
119 97.1 76.2 114.4
201 94.7 84.4 126.6





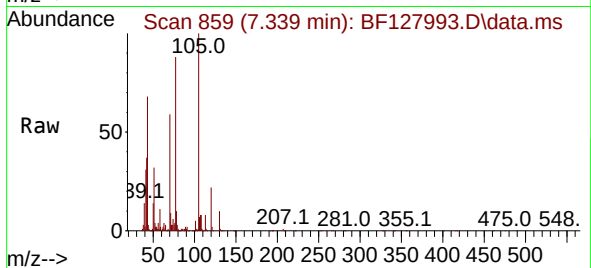
#19
n-Nitroso-di-n-propylamine
Concen: 42.538 ng
RT: 7.339 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF127993.D
Acq: 29 Apr 2022 14:07

Instrument :

BNA_F

ClientSampleId :

PB144460BS

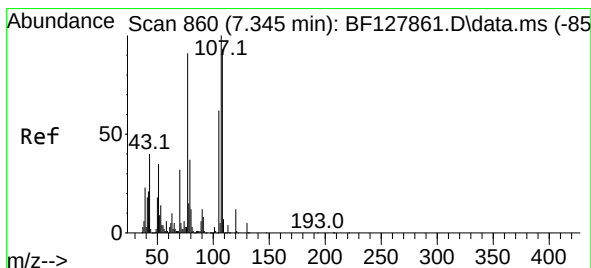
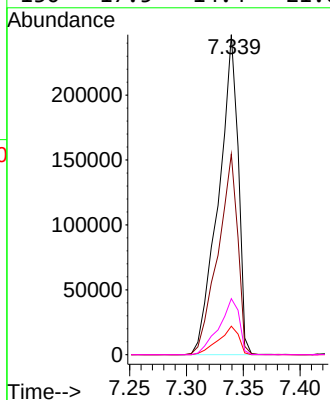
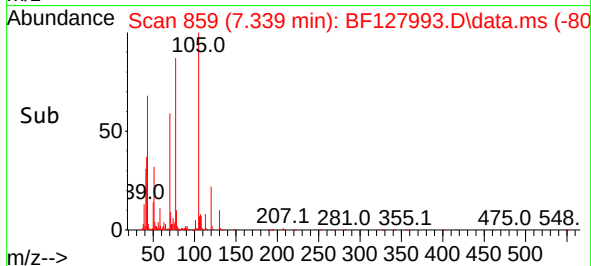


Tgt Ion: 70 Resp: 296490
Ion Ratio Lower Upper
70 100
42 62.7 48.7 73.1
101 8.9 7.2 10.8
130 17.5 14.4 21.6

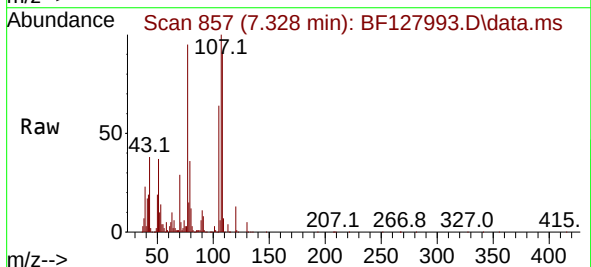
Manual Integrations

APPROVED

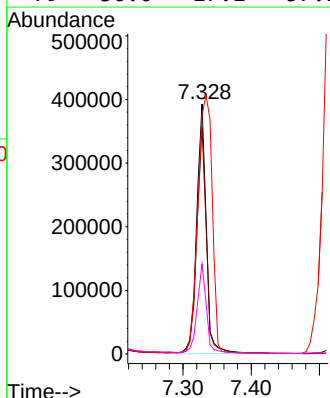
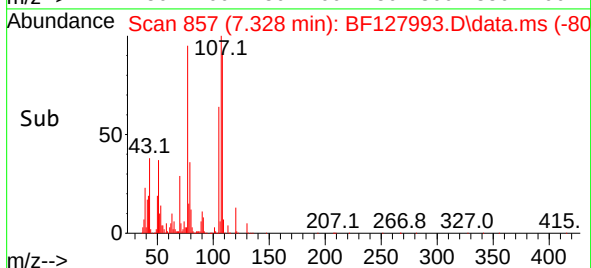
Reviewed By :Christian Giraldo 05/02/2022
Supervised By :Jagrut Upadhyay 05/02/2022

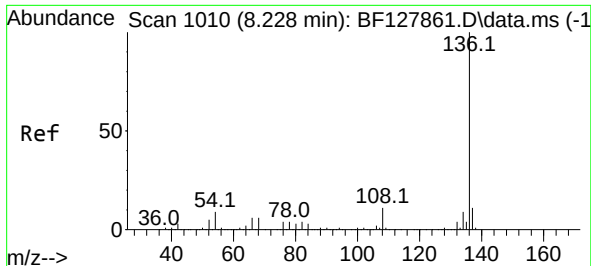


#20
3+4-Methylphenols
Concen: 40.175 ng
RT: 7.328 min Scan# 857
Delta R.T. -0.006 min
Lab File: BF127993.D
Acq: 29 Apr 2022 14:07



Tgt Ion:107 Resp: 381378
Ion Ratio Lower Upper
107 100
108 90.6 73.4 113.4
77 95.5 71.1 111.1
79 36.0 17.1 57.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF127993.D
Acq: 29 Apr 2022 14:07

Instrument :

BNA_F

ClientSampleId :

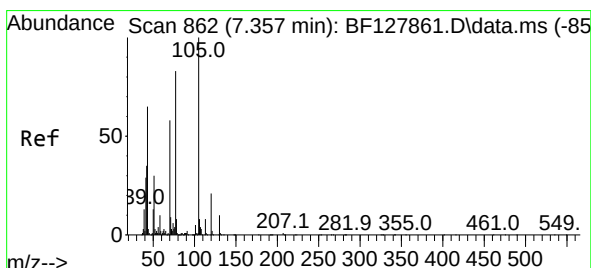
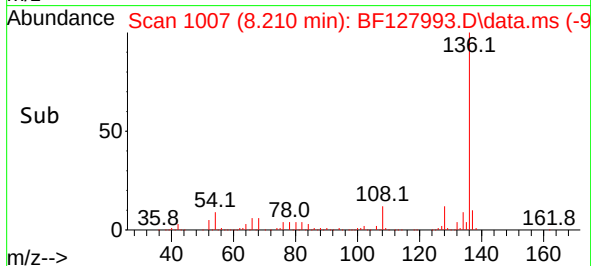
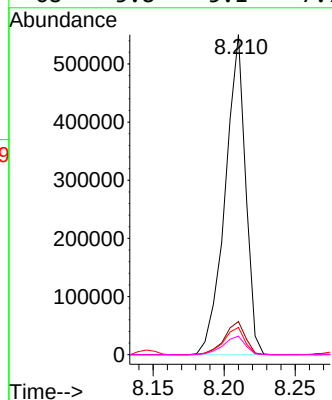
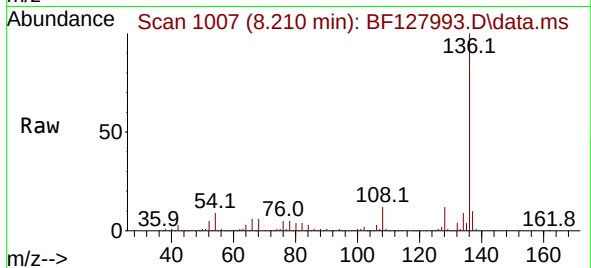
PB144460BS

Tgt Ion:136 Resp: 54818
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 8.5 6.8 10.2
68 5.8 5.1 7.7

Manual Integrations

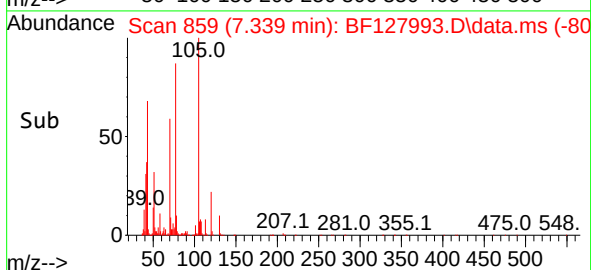
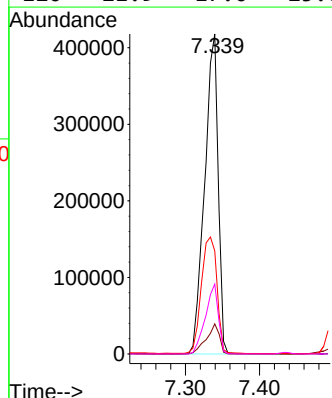
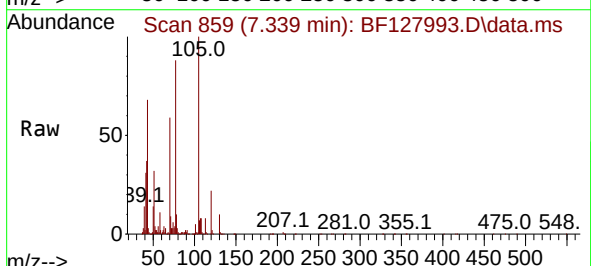
APPROVED

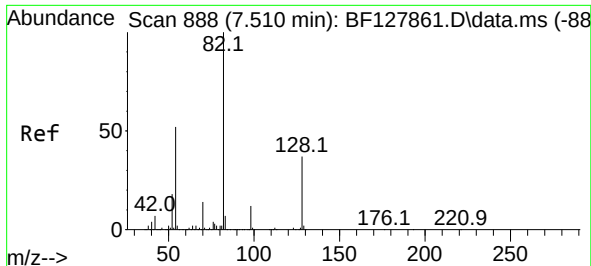
Reviewed By :Christian Giraldo 05/02/2022
Supervised By :Jagrut Upadhyay 05/02/2022



#22
Acetophenone
Concen: 39.574 ng
RT: 7.339 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF127993.D
Acq: 29 Apr 2022 14:07

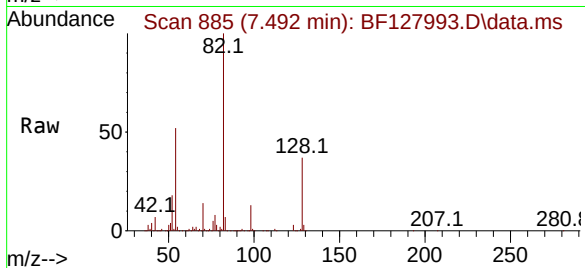
Tgt Ion:105 Resp: 528751
Ion Ratio Lower Upper
105 100
71 9.4 7.3 10.9
51 32.3 23.7 35.5
120 21.9 17.0 25.6





#23
Nitrobenzene-d5
Concen: 80.350 ng
RT: 7.492 min Scan# 885
Delta R.T. -0.012 min
Lab File: BF127993.D
Acq: 29 Apr 2022 14:07

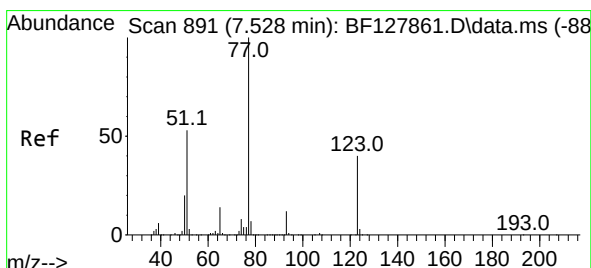
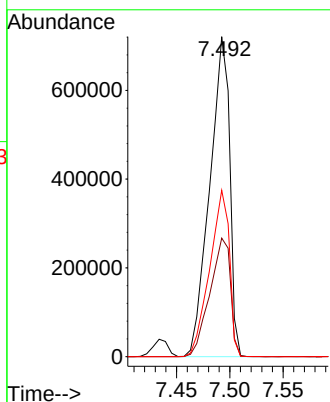
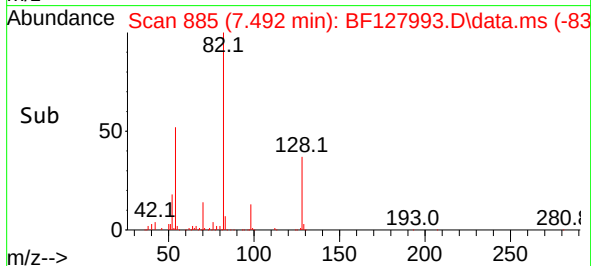
Instrument :
BNA_F
ClientSampleId :
PB144460BS



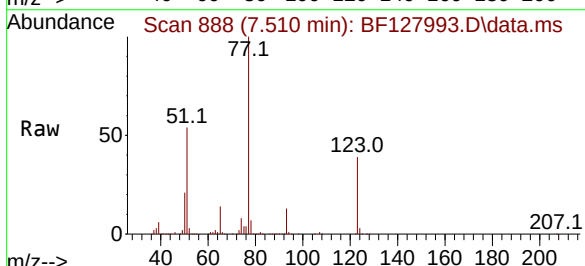
Tgt Ion: 82 Resp: 936684
Ion Ratio Lower Upper
82 100
128 37.1 30.0 45.0
54 52.0 41.3 61.9

Manual Integrations
APPROVED

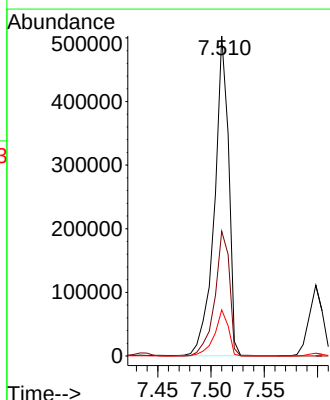
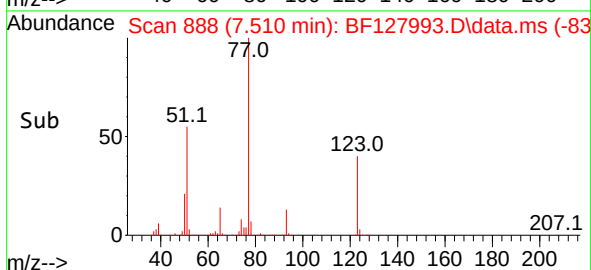
Reviewed By :Christian Giraldo 05/02/2022
Supervised By :Jagrut Upadhyay 05/02/2022

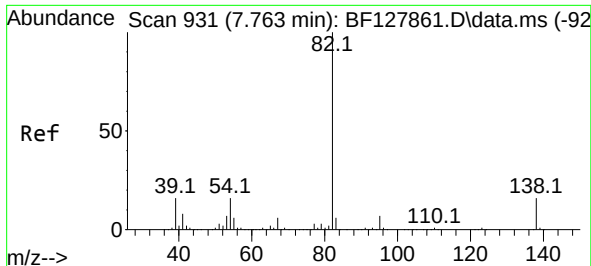


#24
Nitrobenzene
Concen: 41.318 ng
RT: 7.510 min Scan# 888
Delta R.T. -0.012 min
Lab File: BF127993.D
Acq: 29 Apr 2022 14:07



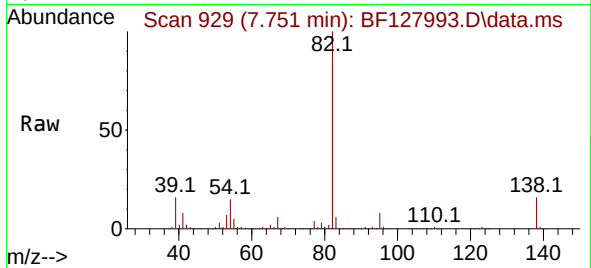
Tgt Ion: 77 Resp: 464135
Ion Ratio Lower Upper
77 100
123 39.0 32.0 48.0
65 14.4 11.0 16.6





#25
Isophorone
Concen: 43.141 ng
RT: 7.751 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF127993.D
Acq: 29 Apr 2022 14:07

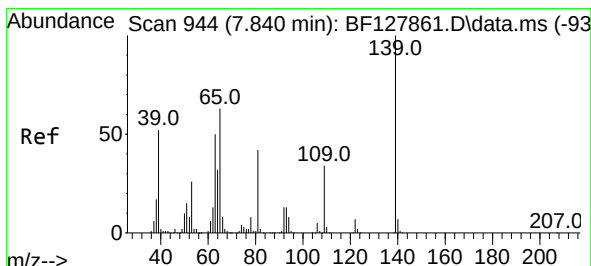
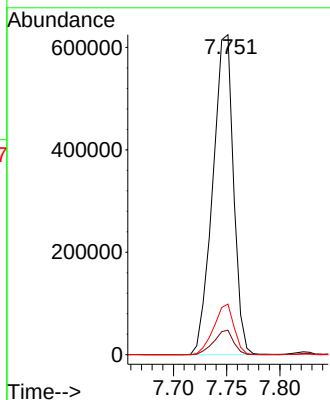
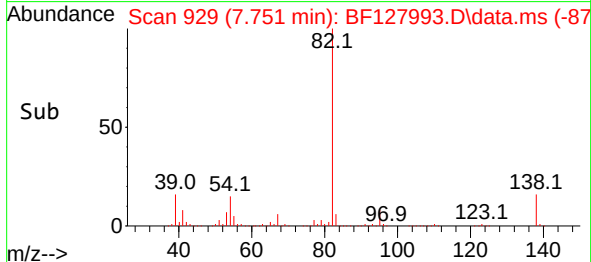
Instrument :
BNA_F
ClientSampleId :
PB144460BS



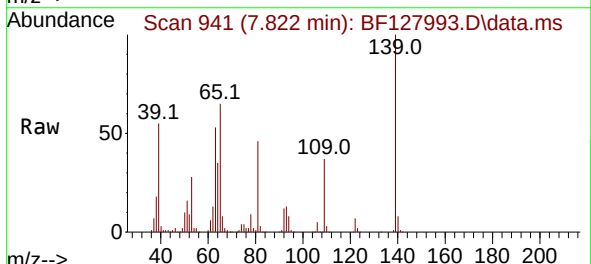
Tgt Ion: 82 Resp: 84644
Ion Ratio Lower Upper
82 100
95 7.6 5.6 8.4
138 15.8 12.5 18.7

Manual Integrations
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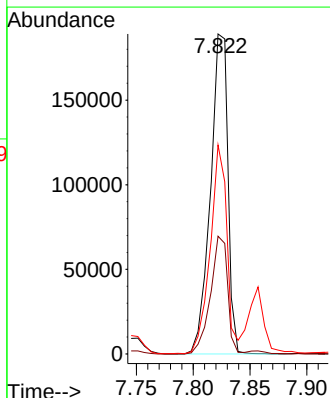
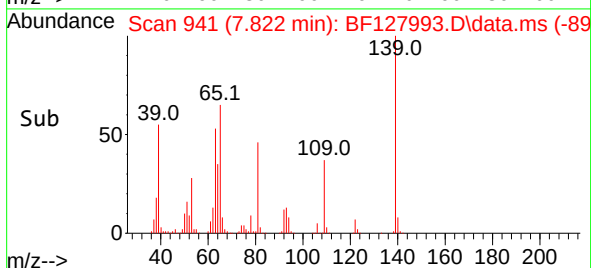
Reviewed By :Christian Giraldo 05/02/2022
Supervised By :Jagrut Upadhyay 05/02/2022

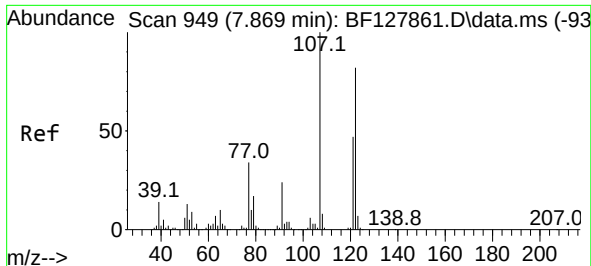


#26
2-Nitrophenol
Concen: 42.342 ng
RT: 7.822 min Scan# 941
Delta R.T. -0.012 min
Lab File: BF127993.D
Acq: 29 Apr 2022 14:07



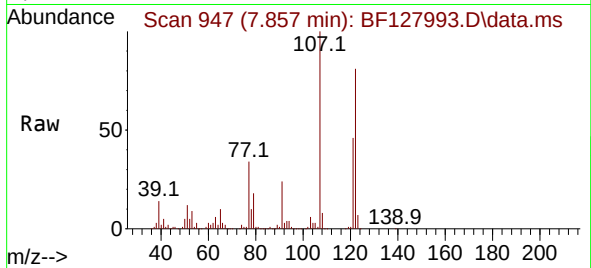
Tgt Ion:139 Resp: 202683
Ion Ratio Lower Upper
139 100
109 36.8 27.4 41.2
65 65.3 50.8 76.2





#27
2,4-Dimethylphenol
Concen: 45.143 ng
RT: 7.857 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF127993.D
Acq: 29 Apr 2022 14:07

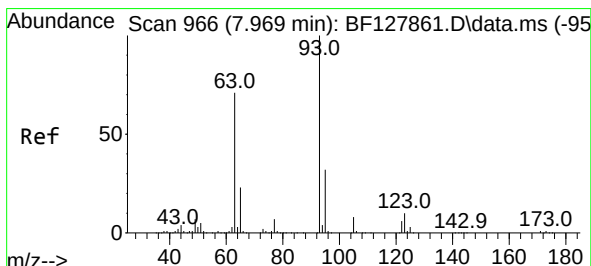
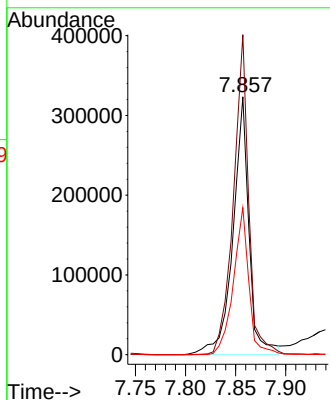
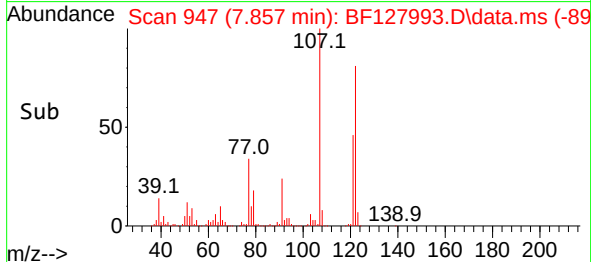
Instrument :
BNA_F
ClientSampleId :
PB144460BS



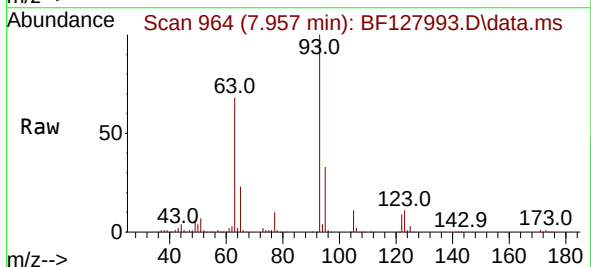
Tgt Ion:122 Resp: 35892
Ion Ratio Lower Upper
122 100
107 124.1 97.5 146.3
121 57.0 46.0 69.0

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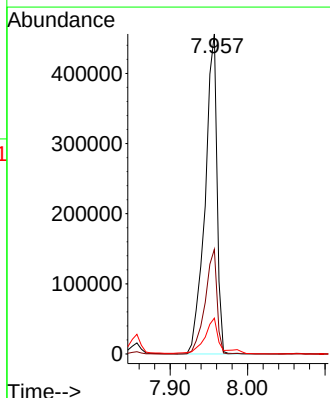
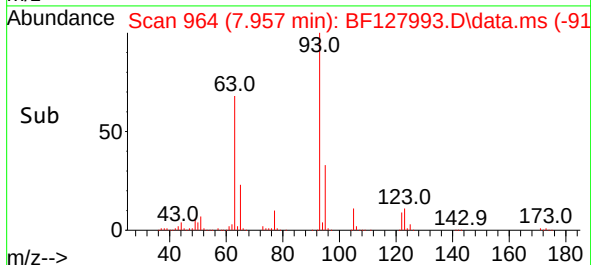
Reviewed By :Christian Giraldo 05/02/2022
Supervised By :Jagrut Upadhyay 05/02/2022

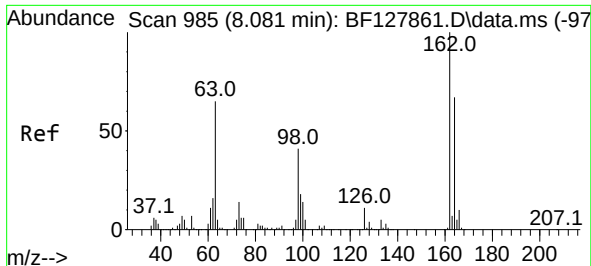


#28
bis(2-Chloroethoxy)methane
Concen: 38.705 ng
RT: 7.957 min Scan# 964
Delta R.T. -0.006 min
Lab File: BF127993.D
Acq: 29 Apr 2022 14:07



Tgt Ion: 93 Resp: 486696
Ion Ratio Lower Upper
93 100
95 32.7 25.7 38.5
123 11.2 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 38.755 ng

RT: 8.063 min Scan# 991

Delta R.T. -0.012 min

Lab File: BF127993.D

Acq: 29 Apr 2022 14:07

Instrument :

BNA_F

ClientSampleId :

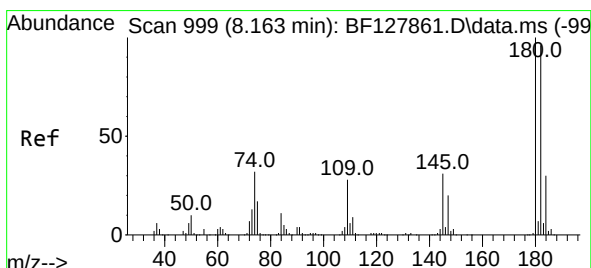
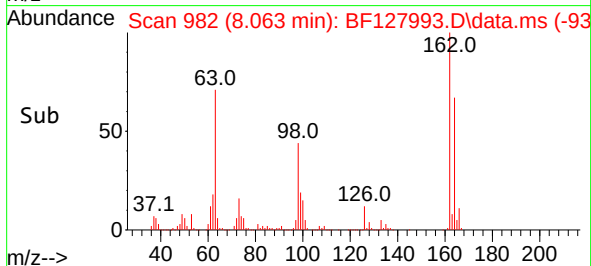
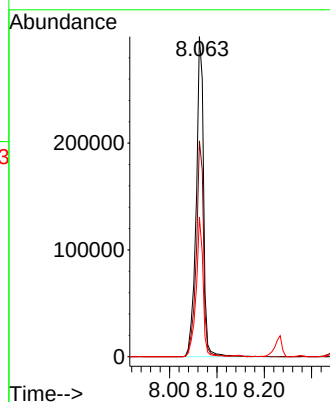
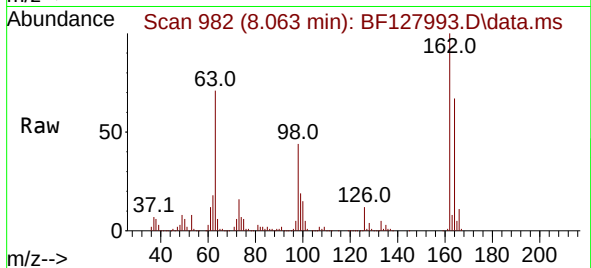
PB144460BS

Tgt Ion:162 Resp: 322809
 Ion Ratio Lower Upper
 162 100
 164 67.5 47.1 87.1
 98 43.6 20.7 60.7

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Reviewed By :Christian Giraldo 05/02/2022
 Supervised By :Jagrut Upadhyay 05/02/2022



#30

1,2,4-Trichlorobenzene

Concen: 38.760 ng

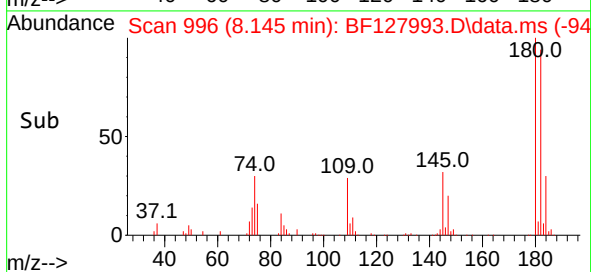
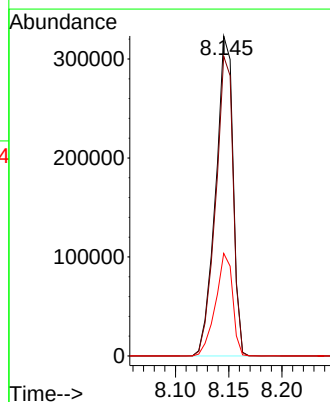
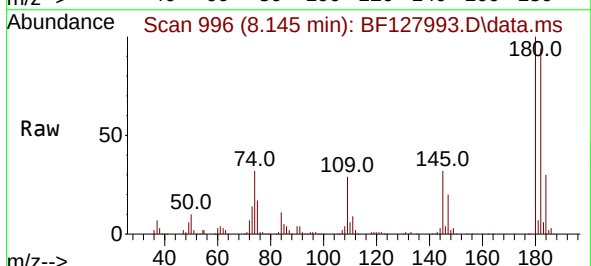
RT: 8.145 min Scan# 996

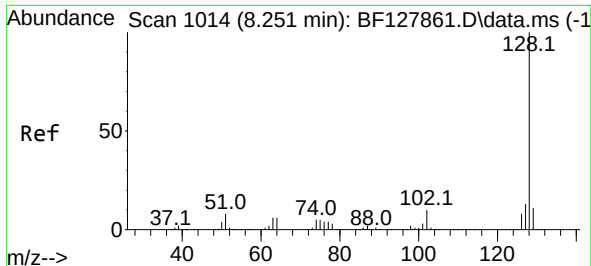
Delta R.T. -0.012 min

Lab File: BF127993.D

Acq: 29 Apr 2022 14:07

Tgt Ion:180 Resp: 366738
 Ion Ratio Lower Upper
 180 100
 182 93.6 76.4 114.6
 145 32.0 25.1 37.7





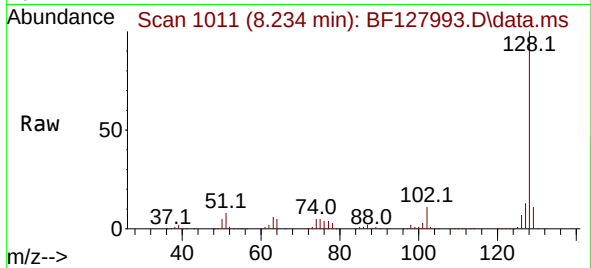
#31
Naphthalene
Concen: 38.803 ng
RT: 8.234 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF127993.D
Acq: 29 Apr 2022 14:07

Instrument :

BNA_F

ClientSampleId :

PB144460BS

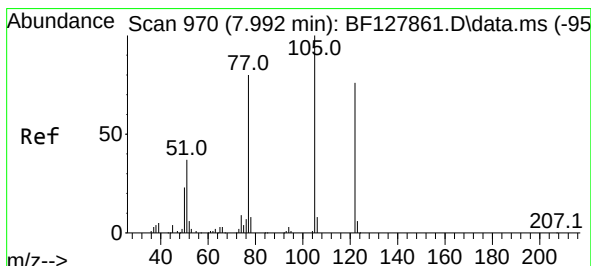
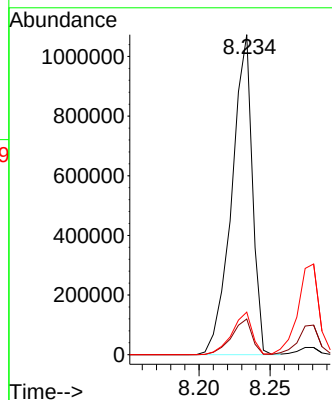
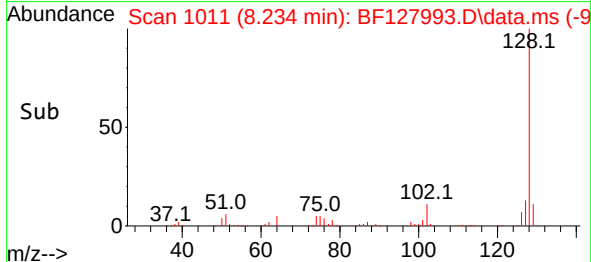


Tgt Ion:128 Resp: 1083390
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 13.3 10.6 16.0

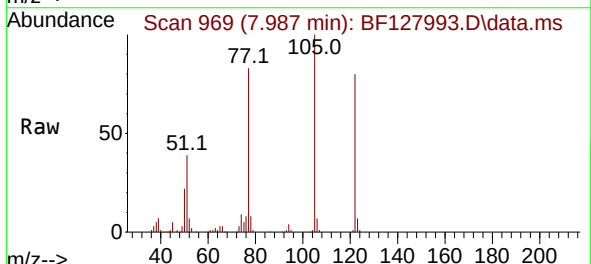
Manual Integrations

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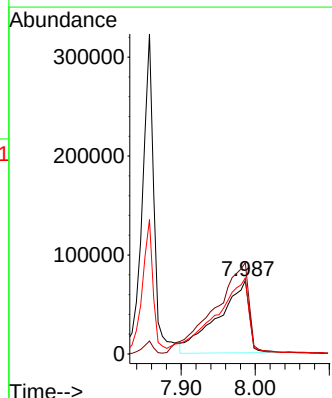
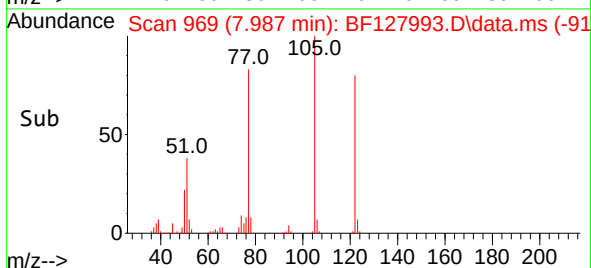
Reviewed By :Christian Giraldo 05/02/2022
Supervised By :Jagrut Upadhyay 05/02/2022

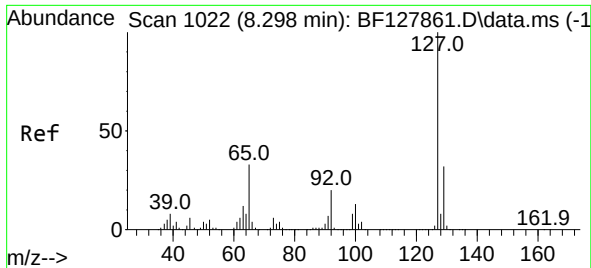


#32
Benzoic acid
Concen: 37.303 ng
RT: 7.987 min Scan# 969
Delta R.T. 0.000 min
Lab File: BF127993.D
Acq: 29 Apr 2022 14:07



Tgt Ion:122 Resp: 212584
Ion Ratio Lower Upper
122 100
105 124.4 107.9 147.9
77 103.6 82.5 122.5





#33
4-Chloroaniline
Concen: 29.400 ng
RT: 8.281 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF127993.D
Acq: 29 Apr 2022 14:07

Instrument :

BNA_F

ClientSampleId :

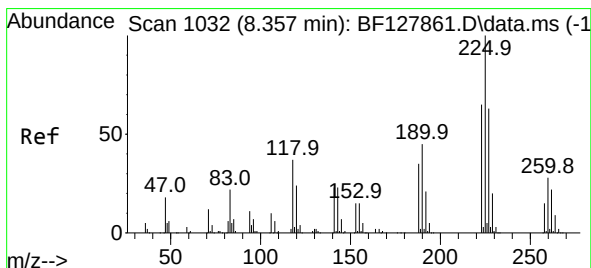
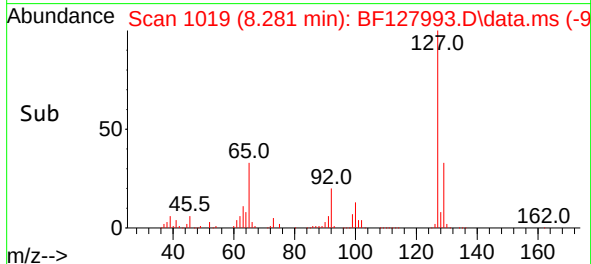
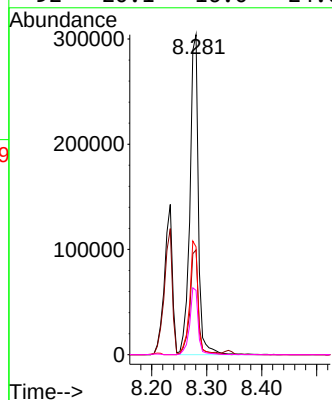
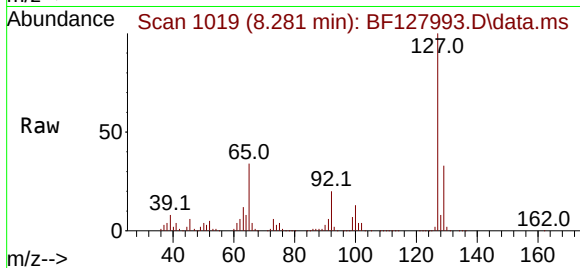
PB144460BS

Tgt Ion:127 Resp: 324779
Ion Ratio Lower Upper
127 100
129 32.7 25.8 38.8
65 33.7 26.7 40.1
92 20.1 16.0 24.0

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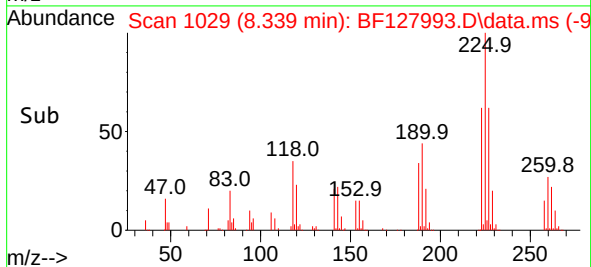
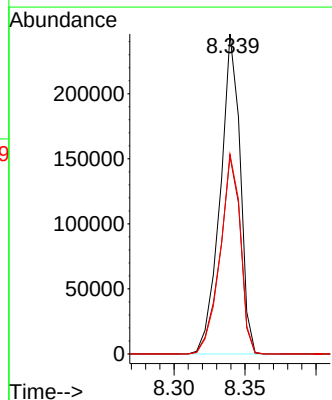
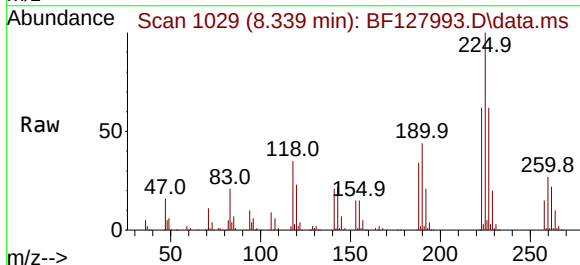
APPROVED

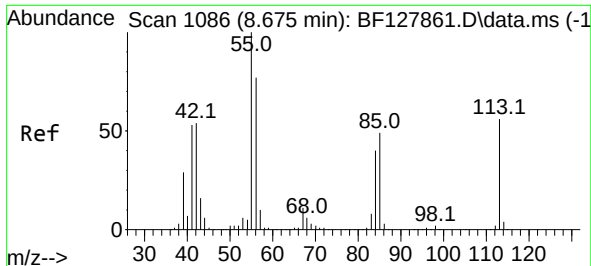
Reviewed By :Christian Giraldo 05/02/2022
Supervised By :Jagrut Upadhyay 05/02/2022



#34
Hexachlorobutadiene
Concen: 40.123 ng
RT: 8.339 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF127993.D
Acq: 29 Apr 2022 14:07

Tgt Ion:225 Resp: 239123
Ion Ratio Lower Upper
225 100
223 61.8 52.0 78.0
227 62.5 50.7 76.1





#35
 Caprolactam
 Concen: 38.236 ng m
 RT: 8.657 min Scan# 1101
 Delta R.T. -0.012 min
 Lab File: BF127993.D
 Acq: 29 Apr 2022 14:07

Instrument :

BNA_F

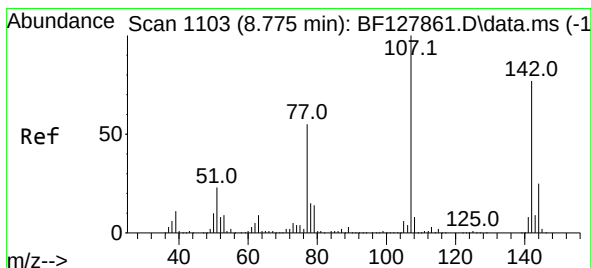
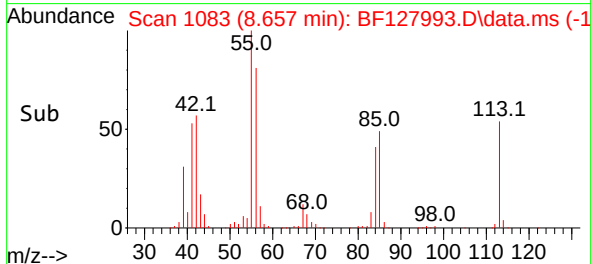
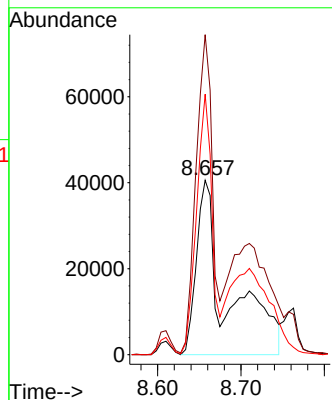
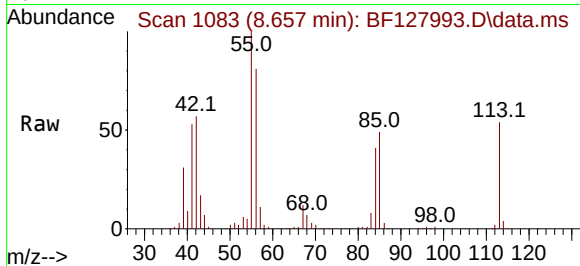
ClientSampleId :

PB144460BS

Tgt Ion:113 Resp: 10280
 Ion Ratio Lower Upper
 113 100
 55 183.6 157.4 197.4
 56 149.4 116.1 156.1

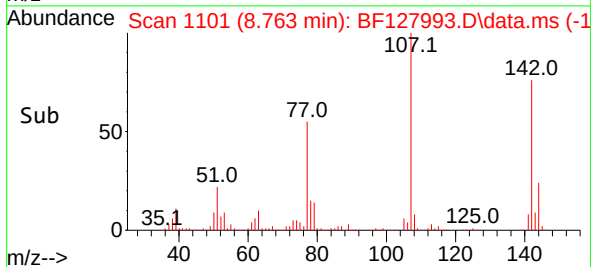
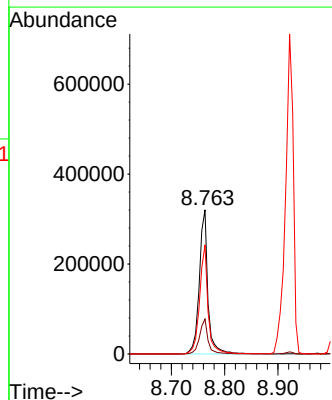
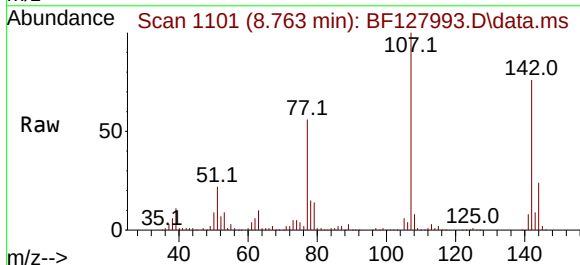
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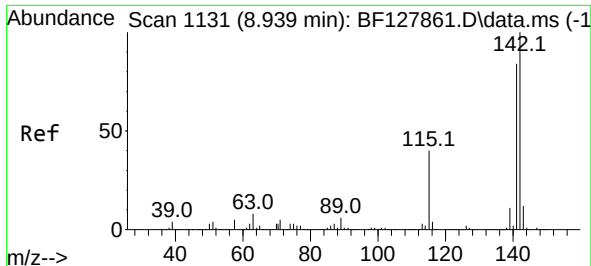
Reviewed By :Christian Giraldo 05/02/2022
 Supervised By :Jagrut Upadhyay 05/02/2022



#36
 4-Chloro-3-methylphenol
 Concen: 40.661 ng
 RT: 8.763 min Scan# 1101
 Delta R.T. 0.000 min
 Lab File: BF127993.D
 Acq: 29 Apr 2022 14:07

Tgt Ion:107 Resp: 361714
 Ion Ratio Lower Upper
 107 100
 144 24.2 20.2 30.4
 142 75.8 61.5 92.3





#37

2-Methylnaphthalene

Concen: 39.333 ng

RT: 8.922 min Scan# 1128

Delta R.T. -0.012 min

Lab File: BF127993.D

Acq: 29 Apr 2022 14:07

Instrument :

BNA_F

ClientSampleId :

PB144460BS

Tgt Ion:142 Resp: 725779

Ion Ratio Lower Upper

142 100

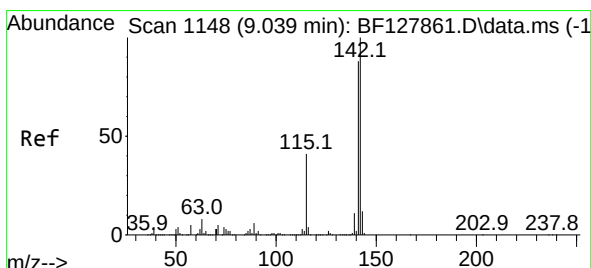
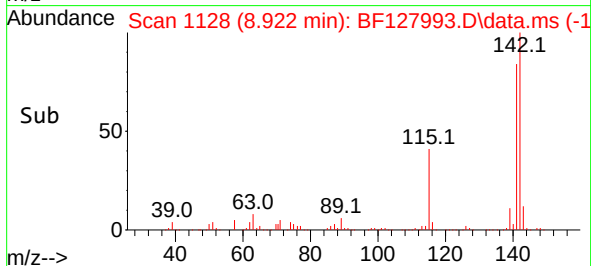
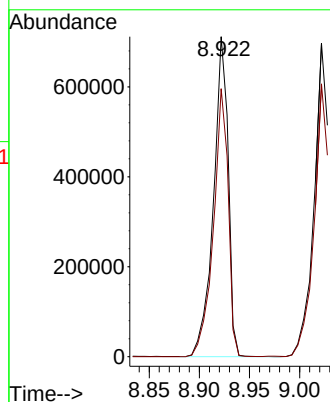
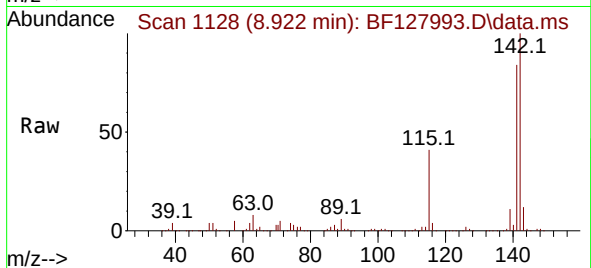
141 83.8 67.4 101.2

Manual Integrations

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Reviewed By :Christian Giraldo 05/02/2022

Supervised By :Jagrut Upadhyay 05/02/2022



#38

1-Methylnaphthalene

Concen: 38.439 ng

RT: 9.022 min Scan# 1145

Delta R.T. -0.012 min

Lab File: BF127993.D

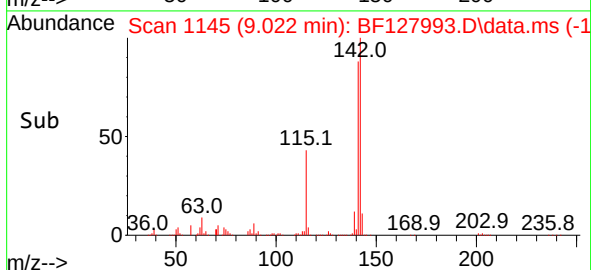
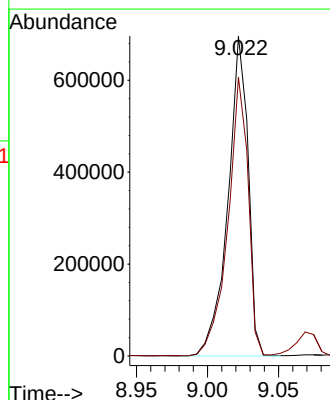
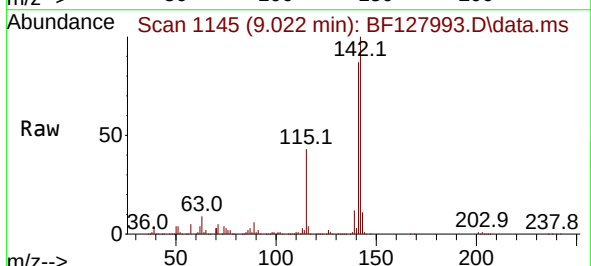
Acq: 29 Apr 2022 14:07

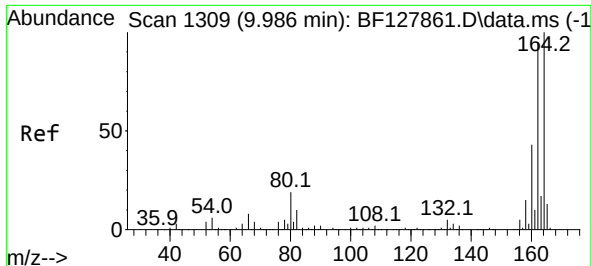
Tgt Ion:142 Resp: 689413

Ion Ratio Lower Upper

142 100

141 87.1 70.1 105.1





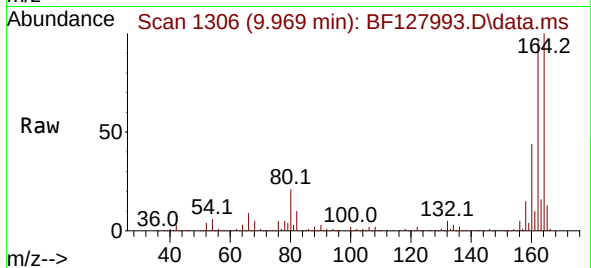
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF127993.D
Acq: 29 Apr 2022 14:07

Instrument :

BNA_F

ClientSampleId :

PB144460BS

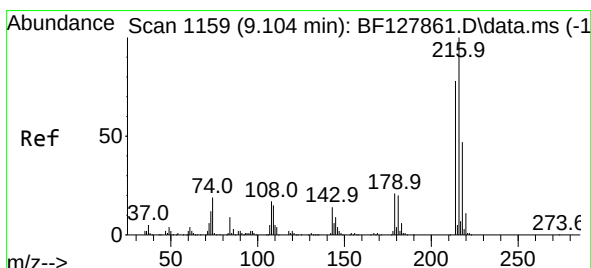
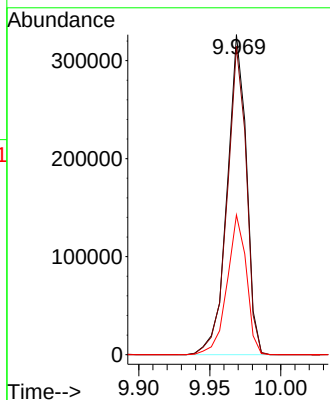
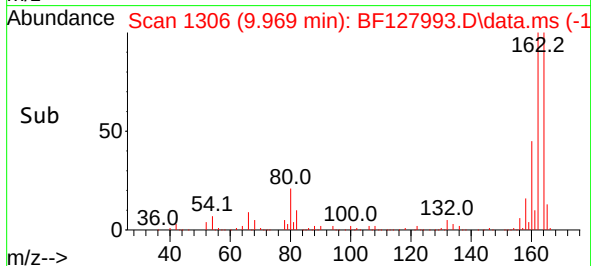


Tgt Ion:164 Resp: 30936
Ion Ratio Lower Upper
164 100
162 96.3 76.0 114.0
160 43.6 34.8 52.2

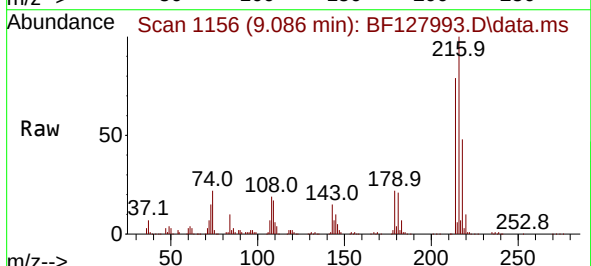
Manual Integrations

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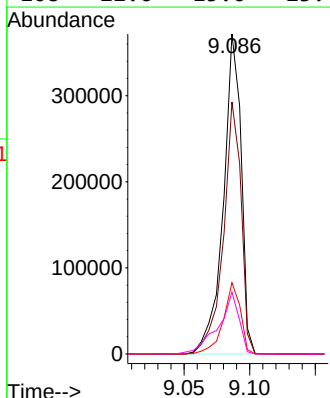
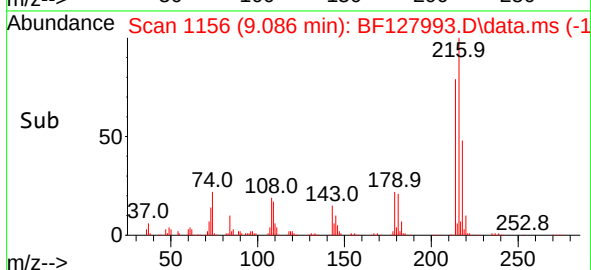
Reviewed By :Christian Giraldo 05/02/2022
Supervised By :Jagrut Upadhyay 05/02/2022

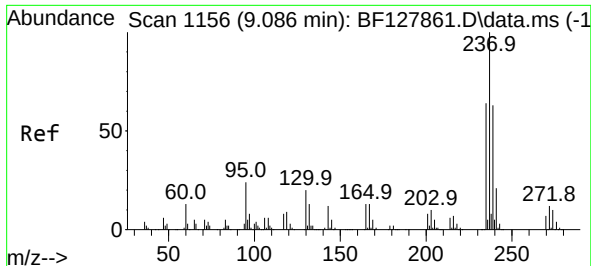


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.507 ng
RT: 9.086 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF127993.D
Acq: 29 Apr 2022 14:07



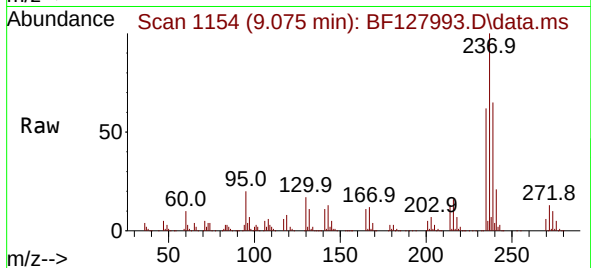
Tgt Ion:216 Resp: 351133
Ion Ratio Lower Upper
216 100
214 77.8 62.6 94.0
179 21.4 16.9 25.3
108 22.6 15.6 23.4





#41
Hexachlorocyclopentadiene
Concen: 92.495 ng
RT: 9.075 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF127993.D
Acq: 29 Apr 2022 14:07

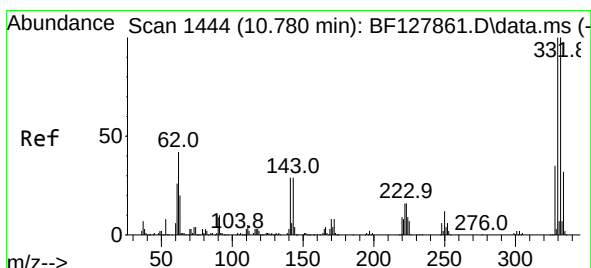
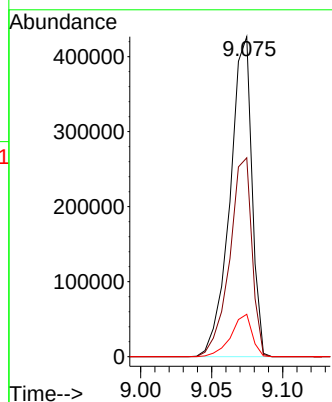
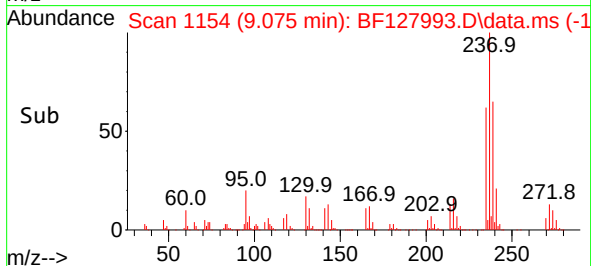
Instrument :
BNA_F
ClientSampleId :
PB144460BS



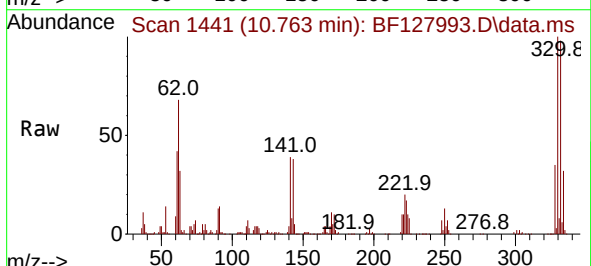
Tgt Ion:237 Resp: 456963
Ion Ratio Lower Upper
237 100
235 62.1 43.6 83.6
272 13.3 0.0 32.1

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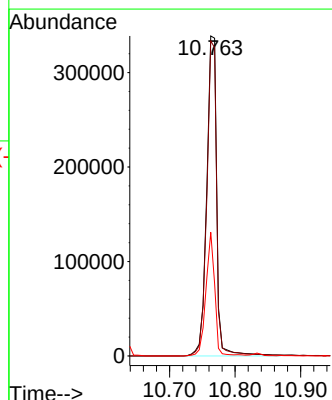
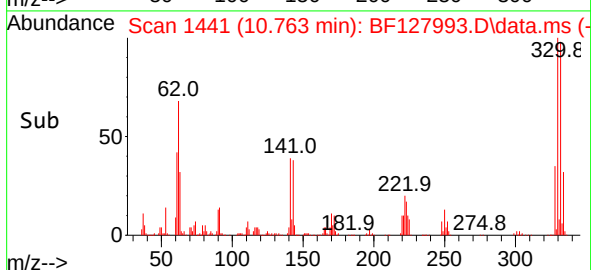
Reviewed By :Christian Giraldo 05/02/2022
Supervised By :Jagrut Upadhyay 05/02/2022

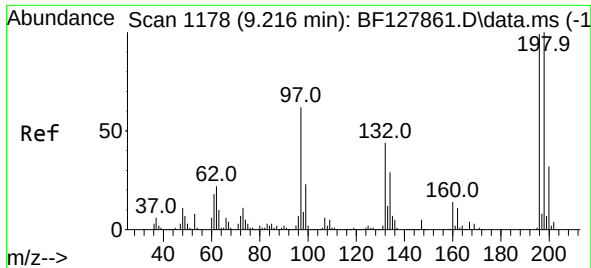


#42
2,4,6-Tribromophenol
Concen: 116.290 ng
RT: 10.763 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF127993.D
Acq: 29 Apr 2022 14:07



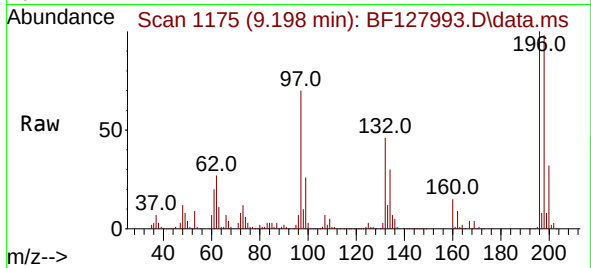
Tgt Ion:330 Resp: 362163
Ion Ratio Lower Upper
330 100
332 97.1 79.0 118.4
141 34.1 28.9 43.3





#43
2,4,6-Trichlorophenol
Concen: 38.085 ng
RT: 9.198 min Scan# 1175
Delta R.T. -0.006 min
Lab File: BF127993.D
Acq: 29 Apr 2022 14:07

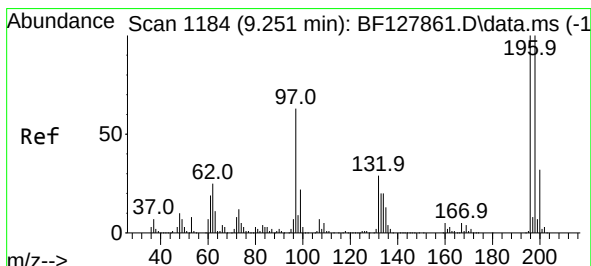
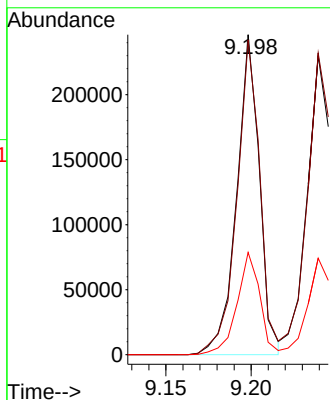
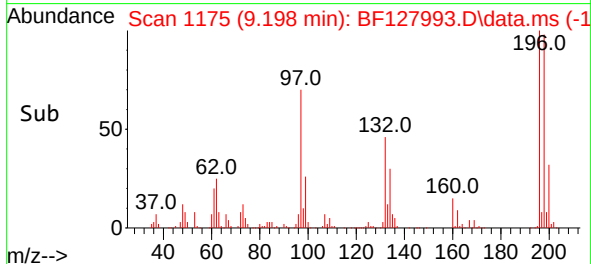
Instrument :
BNA_F
ClientSampleId :
PB144460BS



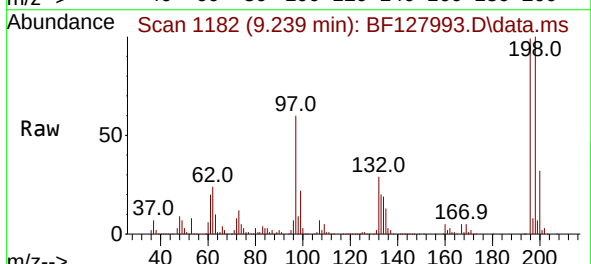
Tgt Ion:196 Resp: 228508
Ion Ratio Lower Upper
196 100
198 98.4 80.4 120.6
200 32.0 25.9 38.9

Manual Integrations
APPROVED

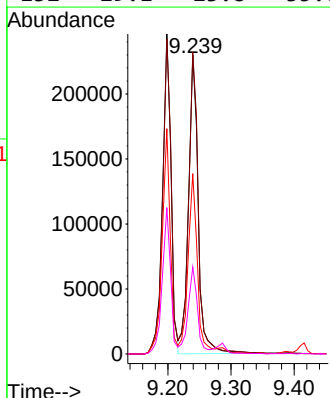
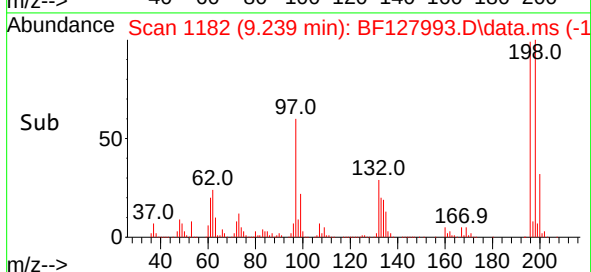
Reviewed By :Christian Giraldo 05/02/2022
Supervised By :Jagrut Upadhyay 05/02/2022

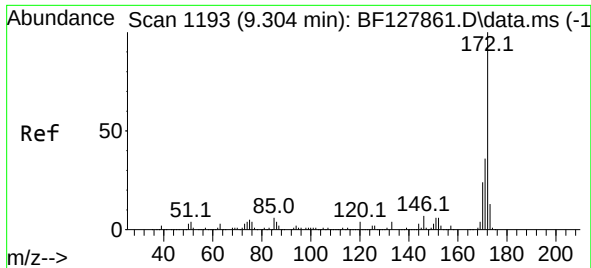


#44
2,4,5-Trichlorophenol
Concen: 37.887 ng
RT: 9.239 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BF127993.D
Acq: 29 Apr 2022 14:07



Tgt Ion:196 Resp: 247119
Ion Ratio Lower Upper
196 100
198 100.9 80.2 120.2
97 60.3 50.3 75.5
132 29.1 23.8 35.6





#45
2-Fluorobiphenyl
Concen: 80.647 ng
RT: 9.286 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF127993.D
Acq: 29 Apr 2022 14:07

Instrument :

BNA_F

ClientSampleId :

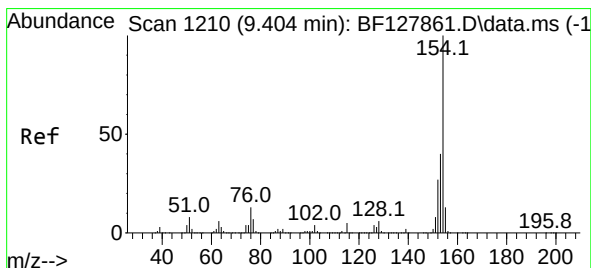
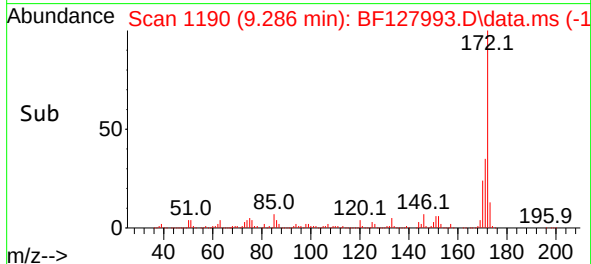
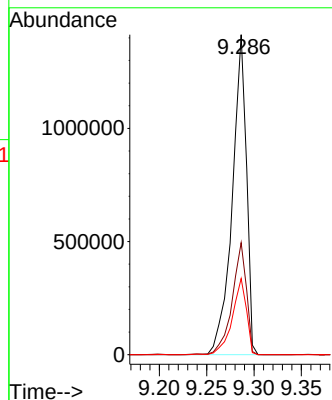
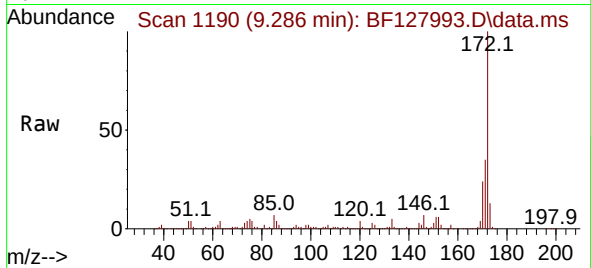
PB144460BS

Tgt Ion:172 Resp: 1474779
Ion Ratio Lower Upper
172 100
171 35.0 28.6 42.8
170 23.8 19.1 28.7

Manual Integrations

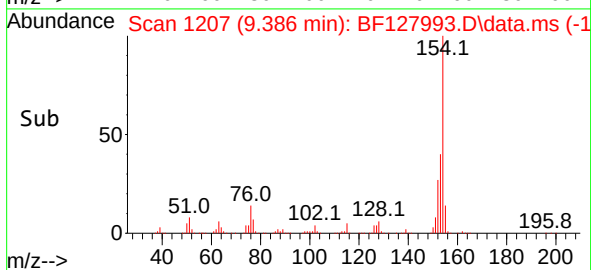
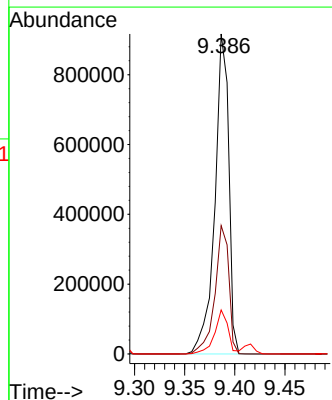
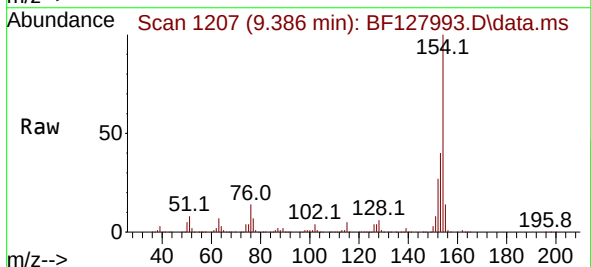
APPROVED

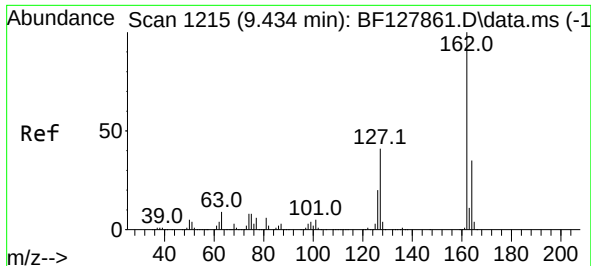
Reviewed By :Christian Giraldo 05/02/2022
Supervised By :Jagrut Upadhyay 05/02/2022



#46
1,1'-Biphenyl
Concen: 38.582 ng
RT: 9.386 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF127993.D
Acq: 29 Apr 2022 14:07

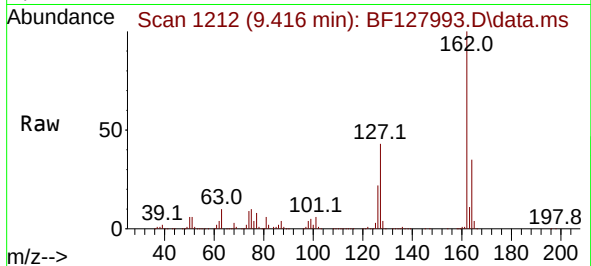
Tgt Ion:154 Resp: 884161
Ion Ratio Lower Upper
154 100
153 40.1 20.4 60.4
76 13.7 0.0 33.2





#47
2-Chloronaphthalene
Concen: 37.160 ng
RT: 9.416 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF127993.D
Acq: 29 Apr 2022 14:07

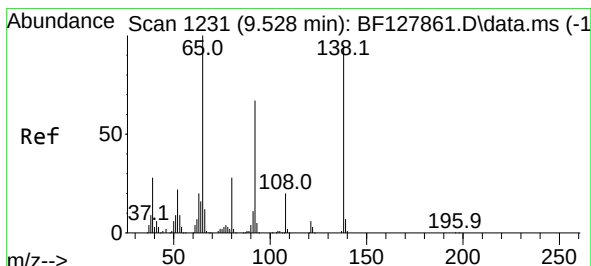
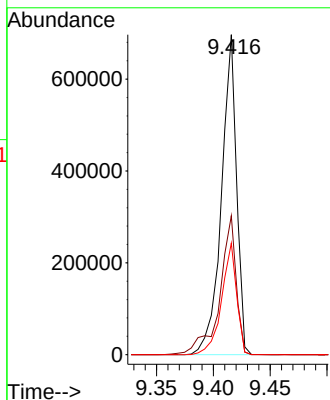
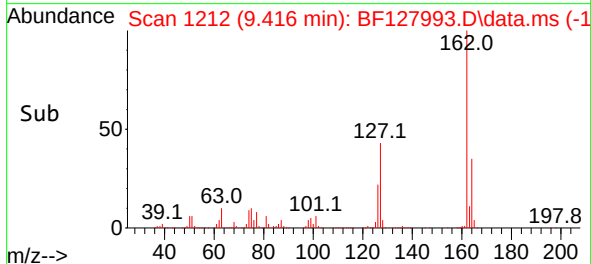
Instrument :
BNA_F
ClientSampleId :
PB144460BS



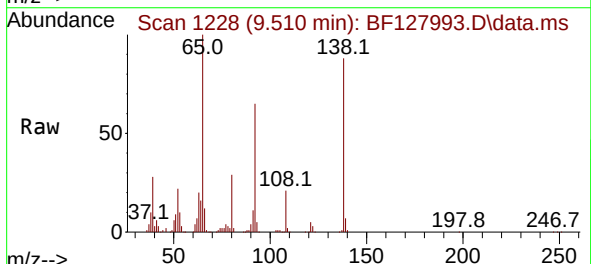
Tgt Ion:162 Resp: 648270
Ion Ratio Lower Upper
162 100
127 43.4 32.9 49.3
164 34.8 28.2 42.2

Manual Integrations
APPROVED

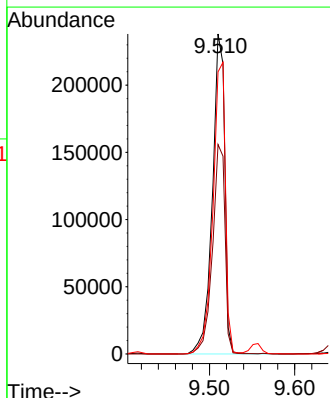
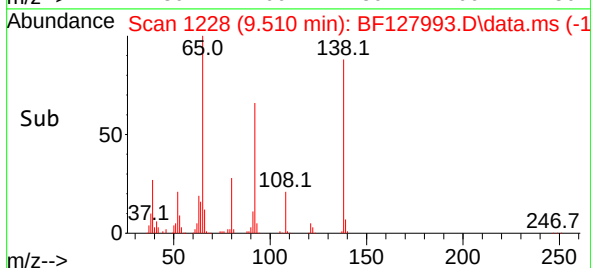
Reviewed By :Christian Giraldo 05/02/2022
Supervised By :Jagrut Upadhyay 05/02/2022

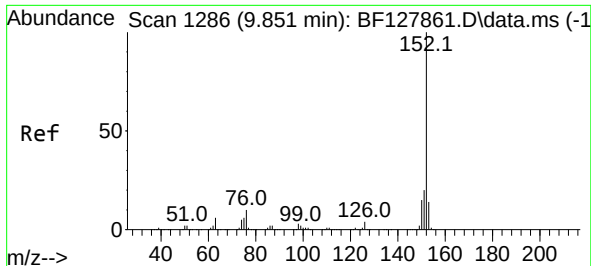


#48
2-Nitroaniline
Concen: 40.759 ng
RT: 9.510 min Scan# 1228
Delta R.T. -0.012 min
Lab File: BF127993.D
Acq: 29 Apr 2022 14:07



Tgt Ion: 65 Resp: 240525
Ion Ratio Lower Upper
65 100
92 65.5 53.7 80.5
138 88.1 76.4 114.6





#49
Acenaphthylene
Concen: 39.533 ng
RT: 9.833 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BF127993.D
Acq: 29 Apr 2022 14:07

Instrument :

BNA_F

ClientSampleId :

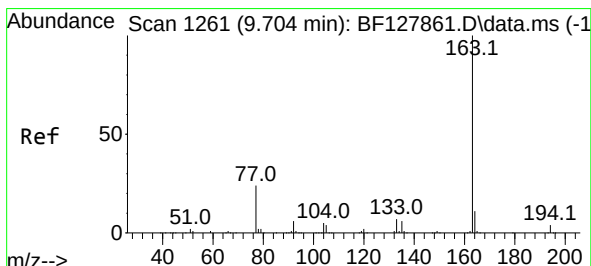
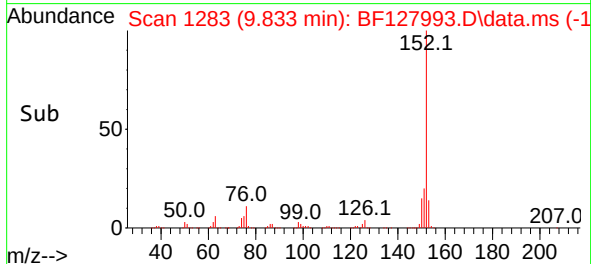
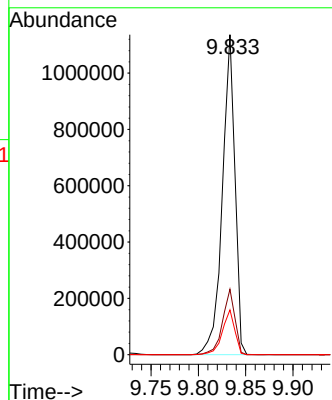
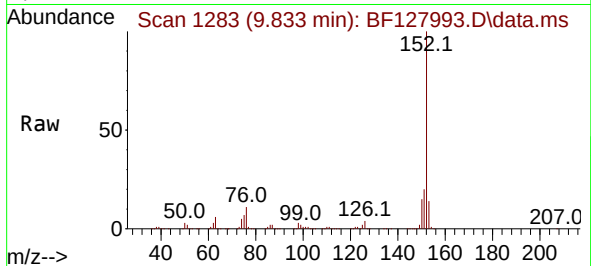
PB144460BS

Tgt Ion:152 Resp: 1054950
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.2
153 14.0 11.2 16.8

Manual Integrations

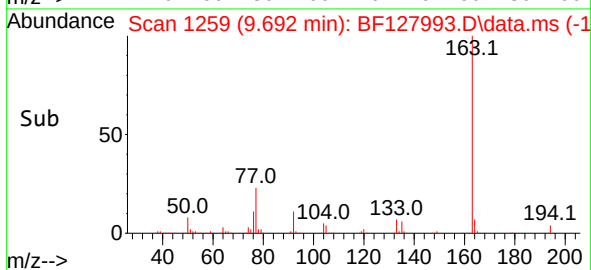
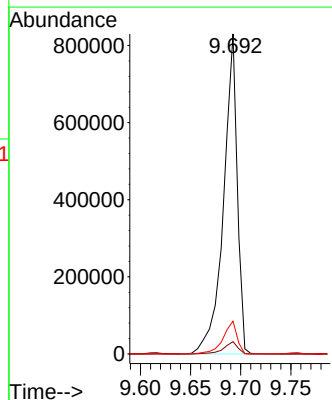
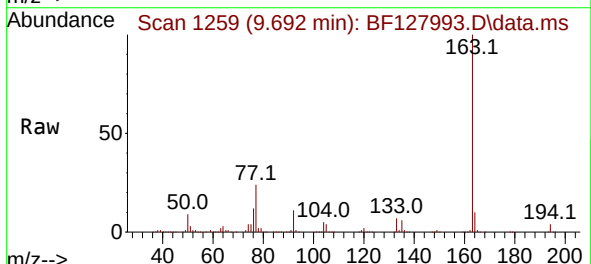
APPROVED

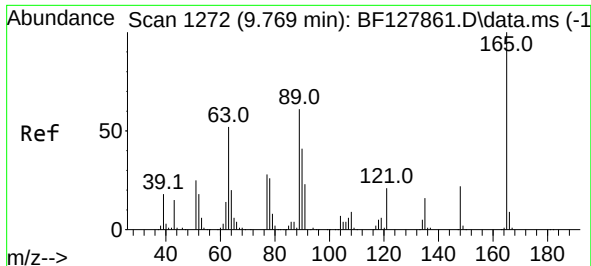
Reviewed By :Christian Giraldo 05/02/2022
Supervised By :Jagrut Upadhyay 05/02/2022



#50
Dimethylphthalate
Concen: 38.080 ng
RT: 9.692 min Scan# 1259
Delta R.T. -0.006 min
Lab File: BF127993.D
Acq: 29 Apr 2022 14:07

Tgt Ion:163 Resp: 790076
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.3 8.6 13.0





#51
2,6-Dinitrotoluene
Concen: 40.420 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127993.D
Acq: 29 Apr 2022 14:07

Instrument :

BNA_F

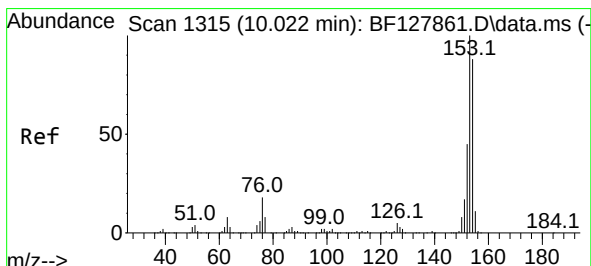
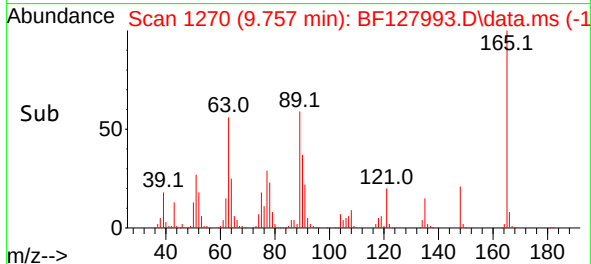
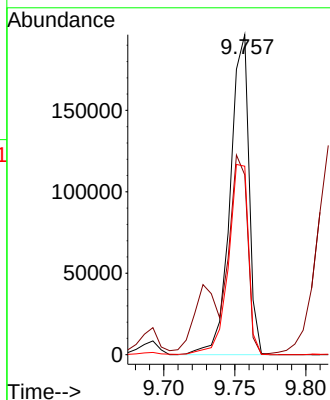
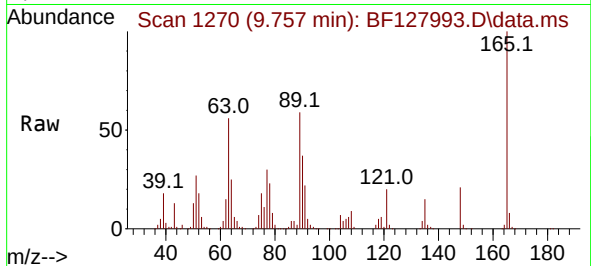
ClientSampleId :

PB144460BS

Tgt Ion:165 Resp: 181574
Ion Ratio Lower Upper
165 100
63 56.2 49.5 74.3
89 58.9 49.0 73.4

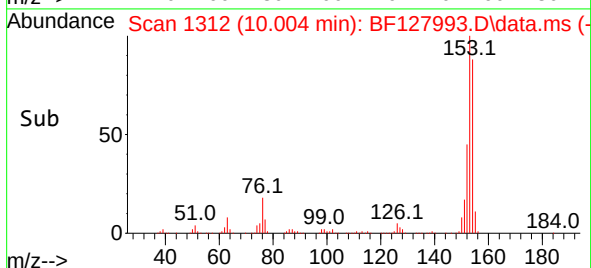
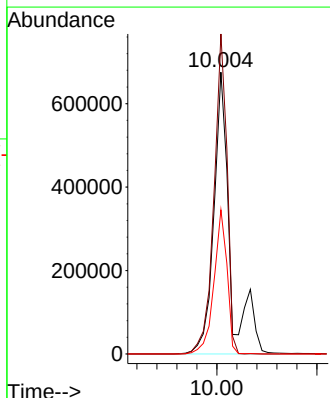
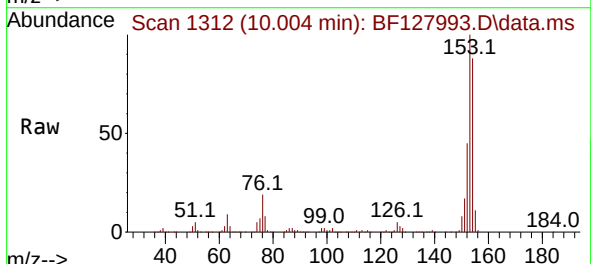
Manual Integrations
APPROVED

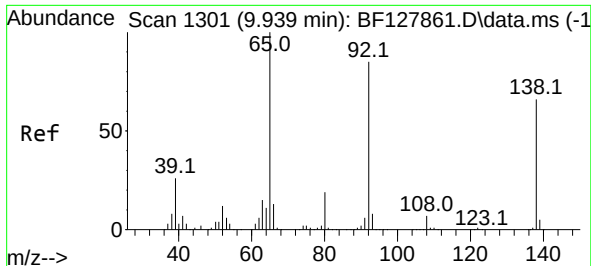
Reviewed By :Christian Giraldo 05/02/2022
Supervised By :Jagrut Upadhyay 05/02/2022



#52
Acenaphthene
Concen: 42.207 ng m
RT: 10.004 min Scan# 1312
Delta R.T. -0.006 min
Lab File: BF127993.D
Acq: 29 Apr 2022 14:07

Tgt Ion:154 Resp: 757228
Ion Ratio Lower Upper
154 100
153 113.5 90.5 135.7
152 51.2 41.0 61.6





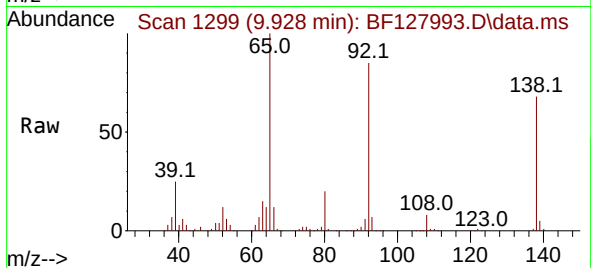
#53
3-Nitroaniline
Concen: 28.771 ng
RT: 9.928 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127993.D
Acq: 29 Apr 2022 14:07

Instrument :

BNA_F

ClientSampleId :

PB144460BS

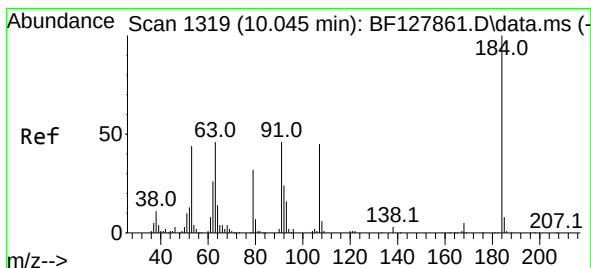
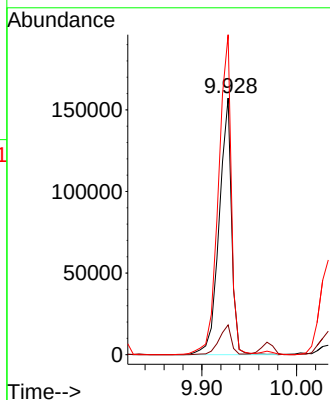
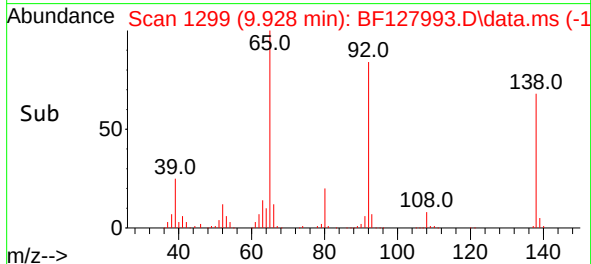


Tgt Ion:138 Resp: 143520
Ion Ratio Lower Upper
138 100
108 11.6 8.2 12.4
92 124.7 102.7 154.1

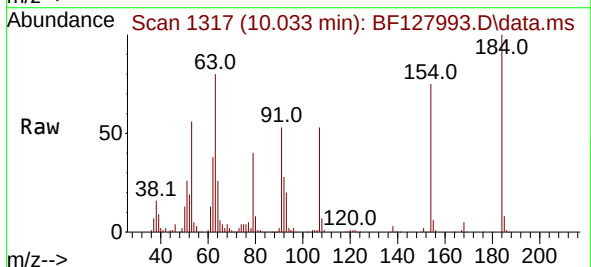
Manual Integrations

APPROVED

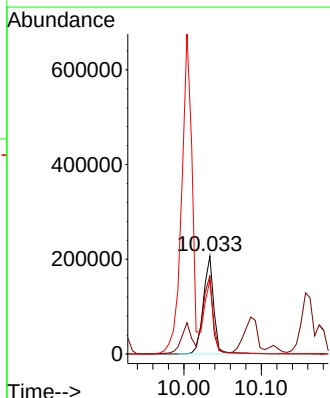
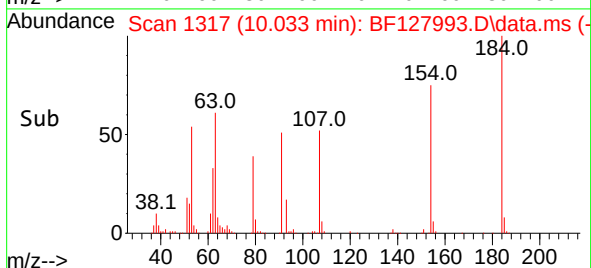
Reviewed By :Christian Giraldo 05/02/2022
Supervised By :Jagrut Upadhyay 05/02/2022

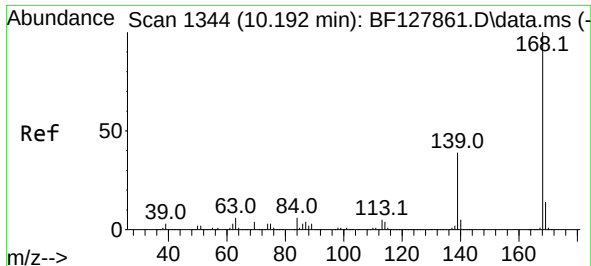


#54
2,4-Dinitrophenol
Concen: 82.122 ng
RT: 10.033 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BF127993.D
Acq: 29 Apr 2022 14:07



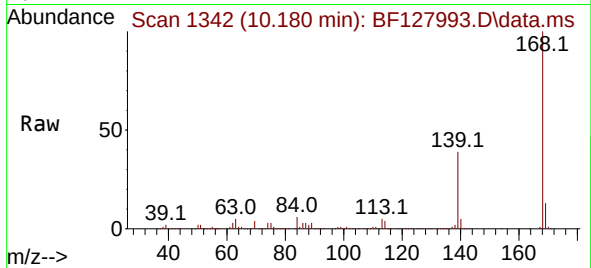
Tgt Ion:184 Resp: 194279
Ion Ratio Lower Upper
184 100
63 79.6 50.0 75.0#
154 75.0 51.7 77.5





#55
Dibenzofuran
Concen: 36.498 ng
RT: 10.180 min Scan# 1342
Delta R.T. 0.000 min
Lab File: BF127993.D
Acq: 29 Apr 2022 14:07

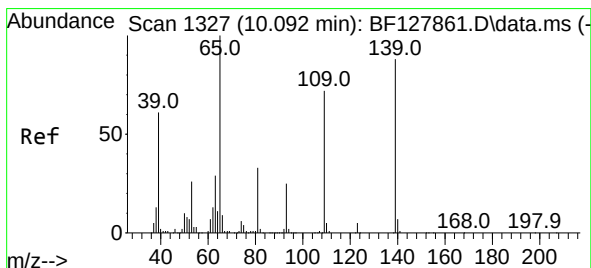
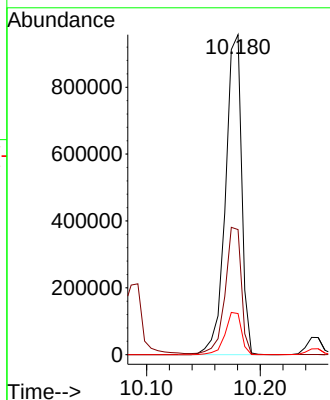
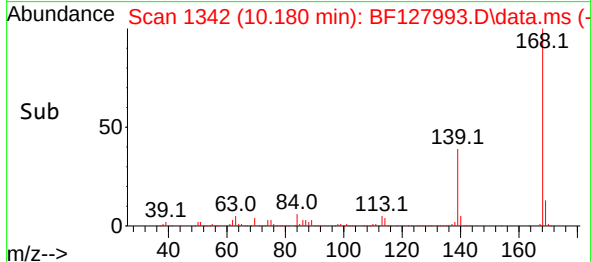
Instrument :
BNA_F
ClientSampleId :
PB144460BS



Tgt Ion:168 Resp: 944728
Ion Ratio Lower Upper
168 100
139 39.1 31.7 47.5
169 12.9 10.9 16.3

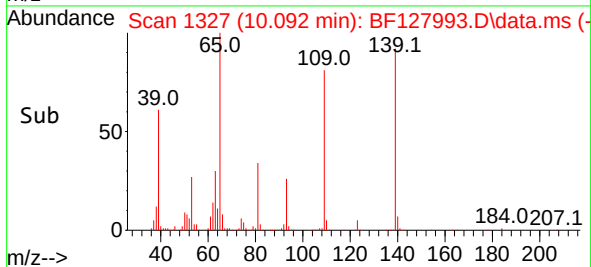
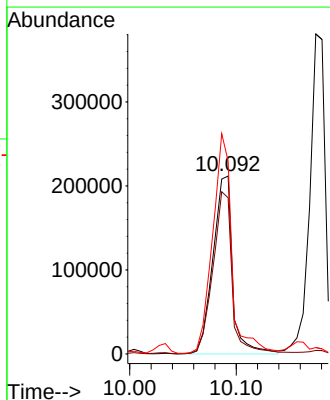
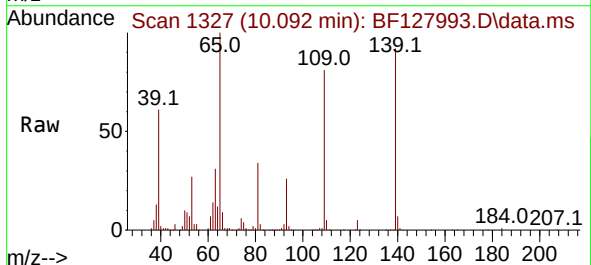
Manual Integrations
APPROVED

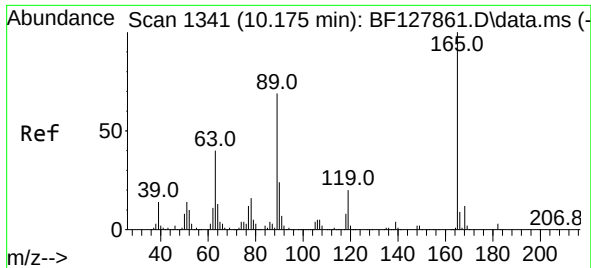
Reviewed By :Christian Giraldo 05/02/2022
Supervised By :Jagrut Upadhyay 05/02/2022



#56
4-Nitrophenol
Concen: 71.118 ng
RT: 10.092 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF127993.D
Acq: 29 Apr 2022 14:07

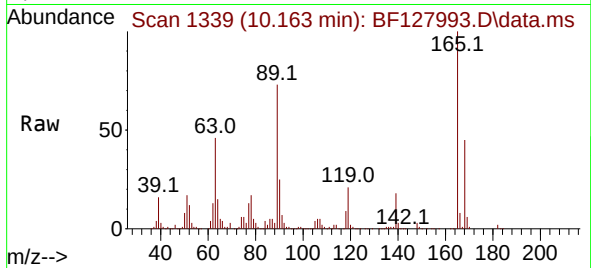
Tgt Ion:139 Resp: 270896
Ion Ratio Lower Upper
139 100
109 87.8 61.9 101.9
65 108.5 93.5 133.5





#57
2,4-Dinitrotoluene
Concen: 40.788 ng
RT: 10.163 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127993.D
Acq: 29 Apr 2022 14:07

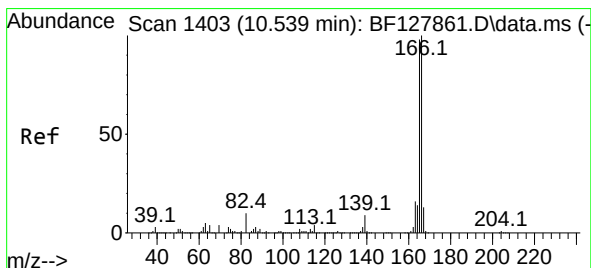
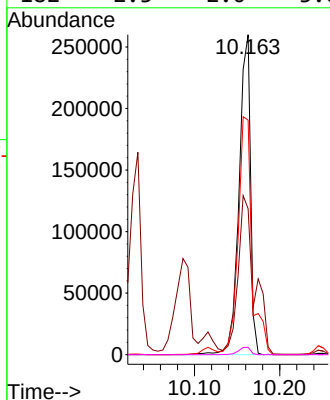
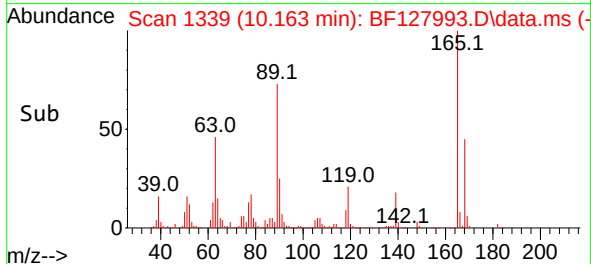
Instrument :
BNA_F
ClientSampleId :
PB144460BS



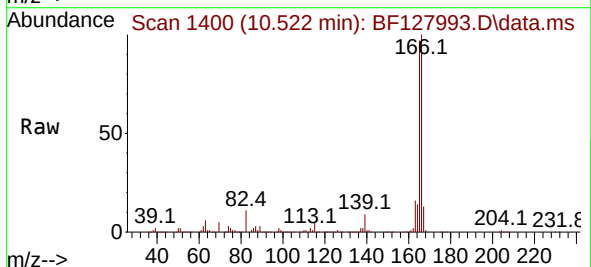
Tgt Ion:165 Resp: 242704
Ion Ratio Lower Upper
165 100
63 45.6 32.6 49.0
89 73.3 55.2 82.8
182 2.3 2.0 3.0

Manual Integrations
APPROVED

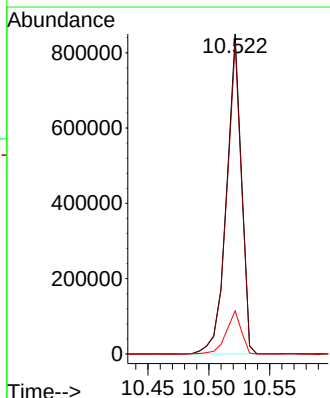
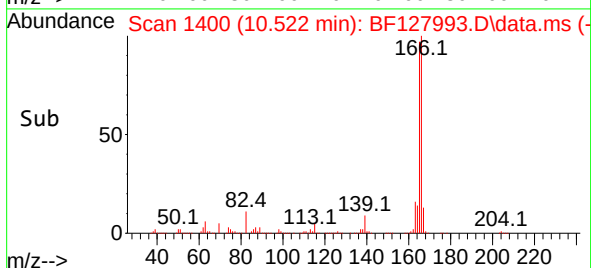
Reviewed By :Christian Giraldo 05/02/2022
Supervised By :Jagrut Upadhyay 05/02/2022

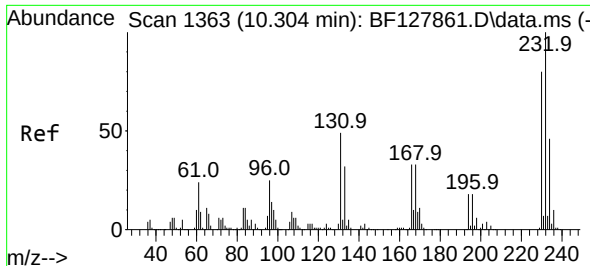


#58
Fluorene
Concen: 37.481 ng
RT: 10.522 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF127993.D
Acq: 29 Apr 2022 14:07



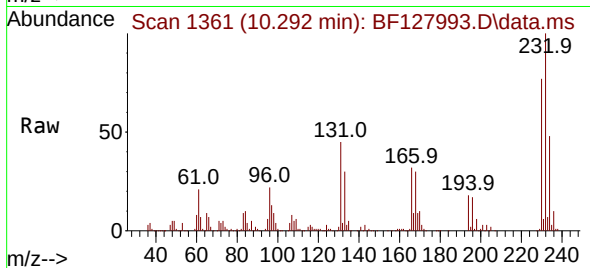
Tgt Ion:166 Resp: 723938
Ion Ratio Lower Upper
166 100
165 97.1 78.6 117.8
167 13.4 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 38.844 ng
RT: 10.292 min Scan# 1361
Delta R.T. -0.006 min
Lab File: BF127993.D
Acq: 29 Apr 2022 14:07

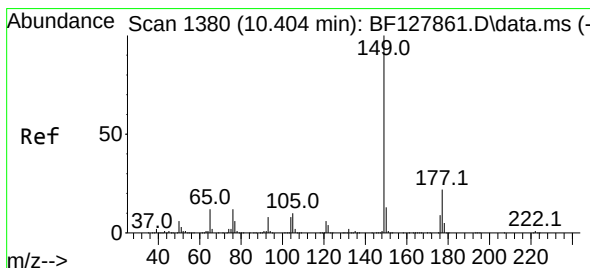
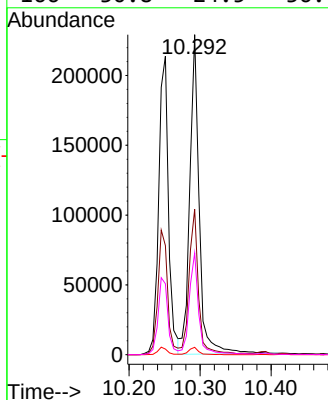
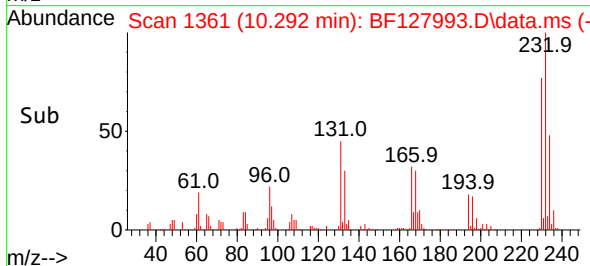
Instrument :
BNA_F
ClientSampleId :
PB144460BS



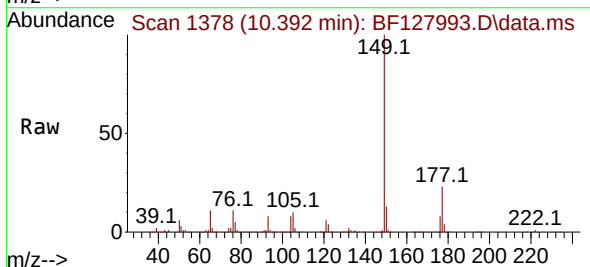
Tgt Ion:232 Resp: 21305
Ion Ratio Lower Upper
232 100
131 44.2 35.4 53.2
130 2.3 1.9 2.9
166 30.8 24.5 36.7

Manual Integrations
APPROVED

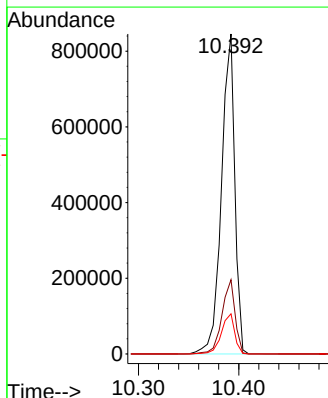
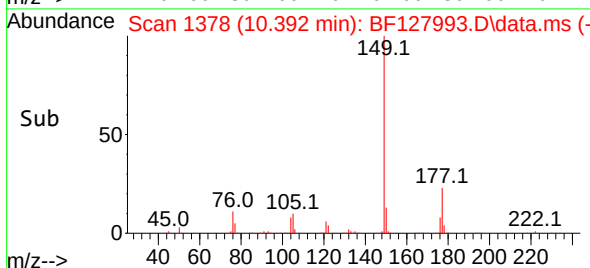
Reviewed By :Christian Giraldo 05/02/2022
Supervised By :Jagrut Upadhyay 05/02/2022

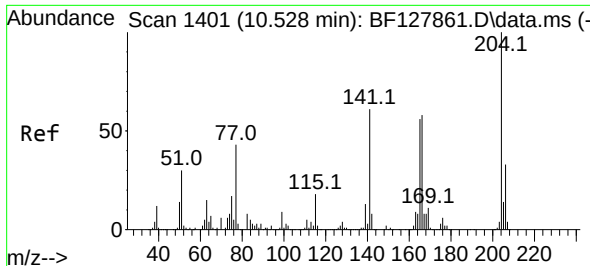


#60
Diethylphthalate
Concen: 38.255 ng
RT: 10.392 min Scan# 1378
Delta R.T. 0.000 min
Lab File: BF127993.D
Acq: 29 Apr 2022 14:07



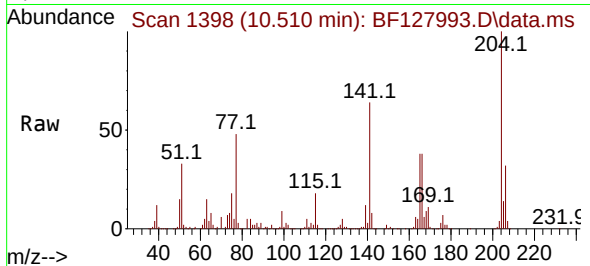
Tgt Ion:149 Resp: 778298
Ion Ratio Lower Upper
149 100
177 23.2 17.8 26.8
150 12.5 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 37.123 ng
RT: 10.510 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127993.D
Acq: 29 Apr 2022 14:07

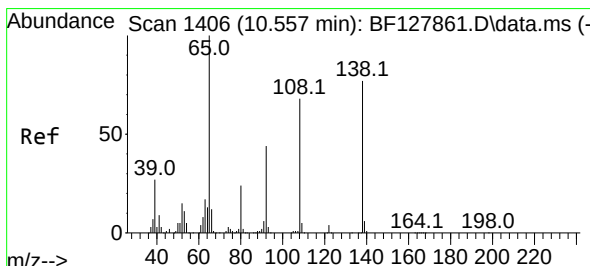
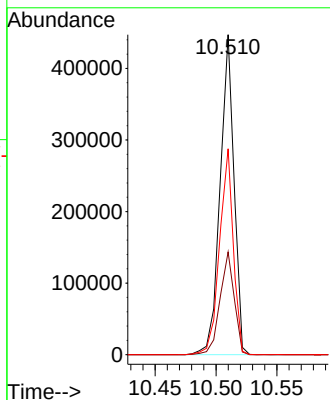
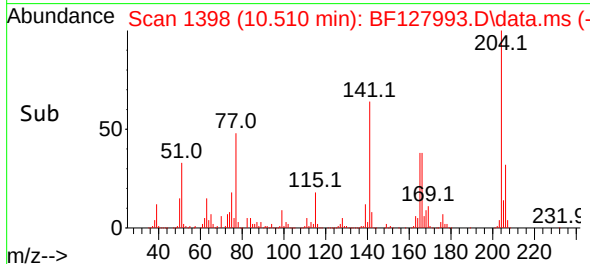
Instrument :
BNA_F
ClientSampleId :
PB144460BS



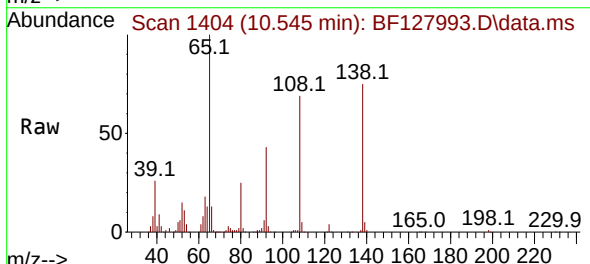
Tgt Ion:204 Resp: 35630
Ion Ratio Lower Upper
204 100
206 32.1 26.5 39.7
141 64.4 48.7 73.1

Manual Integrations
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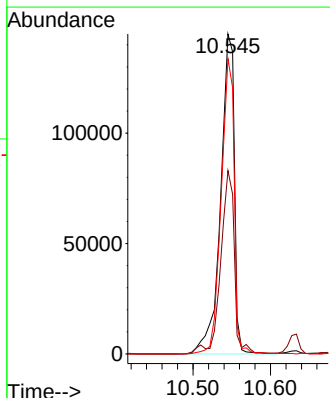
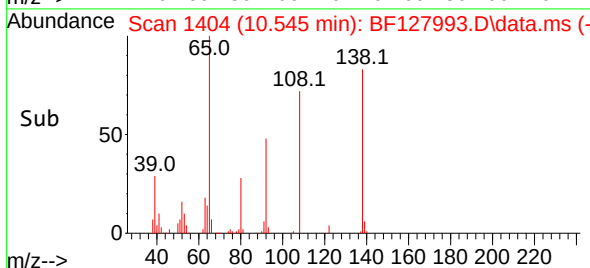
Reviewed By :Christian Giraldo 05/02/2022
Supervised By :Jagrut Upadhyay 05/02/2022

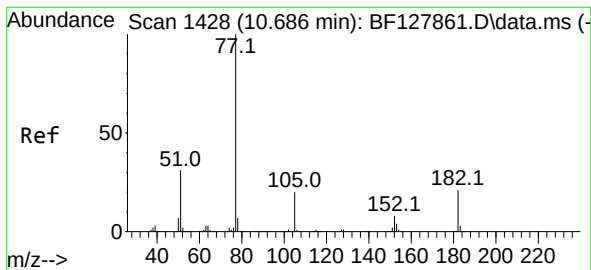


#62
4-Nitroaniline
Concen: 36.842 ng
RT: 10.545 min Scan# 1404
Delta R.T. -0.006 min
Lab File: BF127993.D
Acq: 29 Apr 2022 14:07



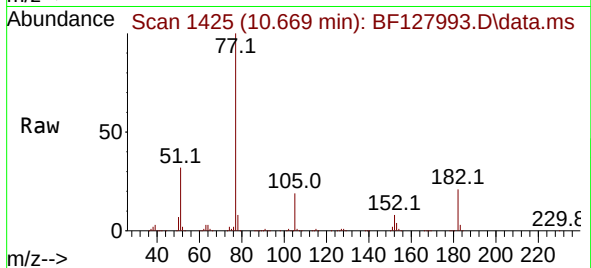
Tgt Ion:138 Resp: 179674
Ion Ratio Lower Upper
138 100
92 57.3 37.4 77.4
108 92.3 68.4 108.4





#63
Azobenzene
Concen: 37.334 ng
RT: 10.669 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF127993.D
Acq: 29 Apr 2022 14:07

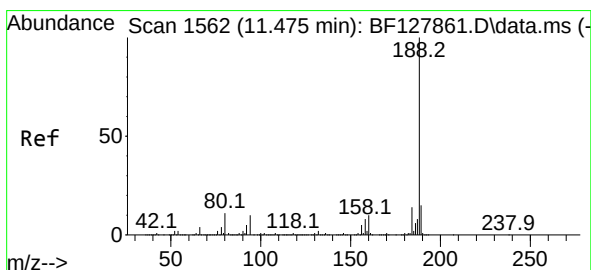
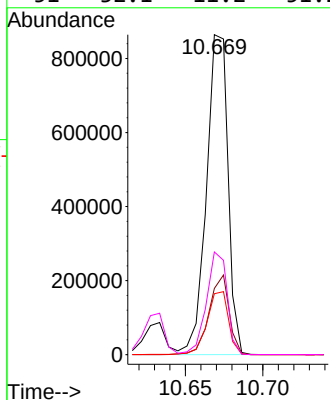
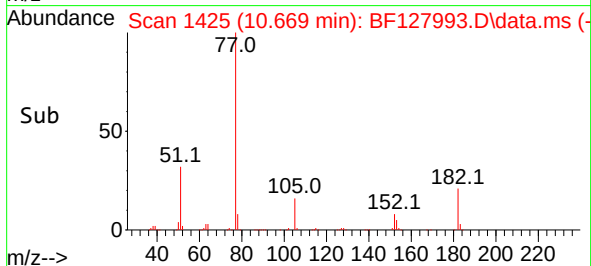
Instrument :
BNA_F
ClientSampleId :
PB144460BS



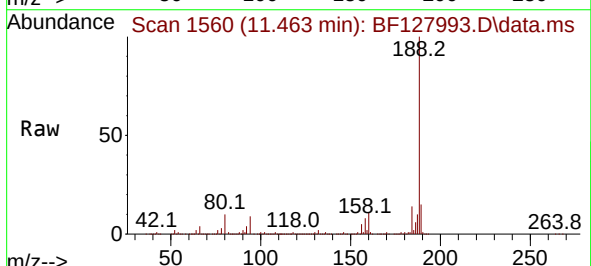
Tgt Ion: 77 Resp: 835790
Ion Ratio Lower Upper
77 100
182 20.7 1.2 41.2
105 19.1 0.0 39.8
51 32.1 11.2 51.2

Manual Integrations
APPROVED

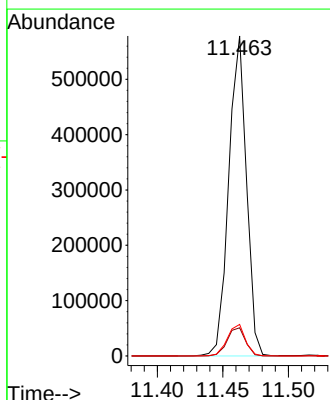
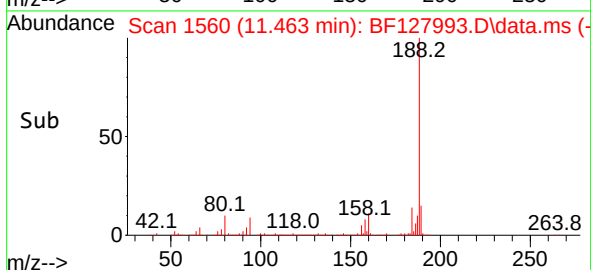
Reviewed By :Christian Giraldo 05/02/2022
Supervised By :Jagrut Upadhyay 05/02/2022

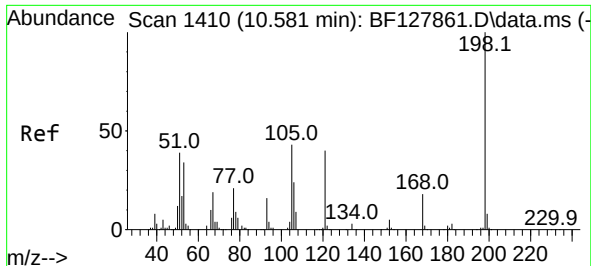


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 1560
Delta R.T. -0.006 min
Lab File: BF127993.D
Acq: 29 Apr 2022 14:07



Tgt Ion:188 Resp: 542346
Ion Ratio Lower Upper
188 100
94 8.8 8.0 12.0
80 9.8 8.9 13.3





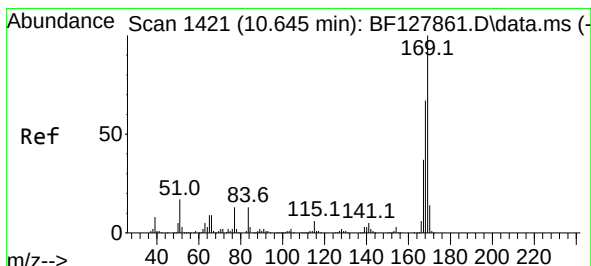
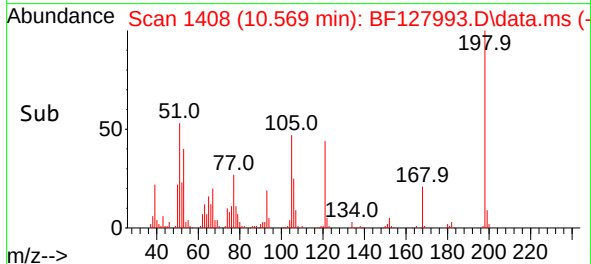
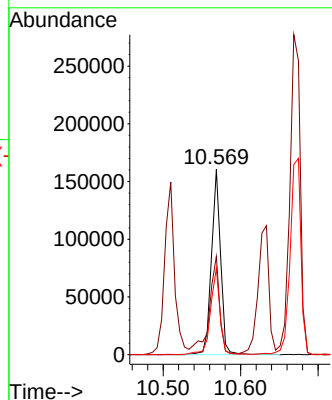
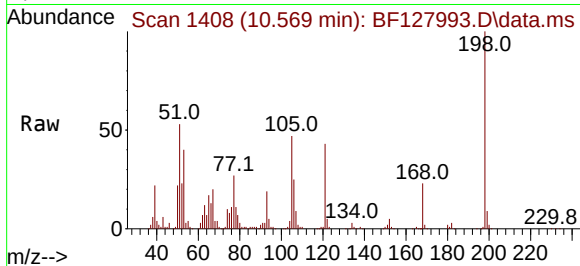
#65
4,6-Dinitro-2-methylphenol
Concen: 40.839 ng
RT: 10.569 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF127993.D
Acq: 29 Apr 2022 14:07

Instrument :
BNA_F
ClientSampleId :
PB144460BS

Tgt Ion:198 Resp: 131609
Ion Ratio Lower Upper
198 100
51 53.0 28.4 68.4
105 46.7 23.4 63.4

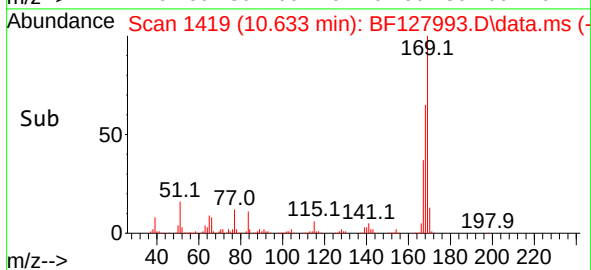
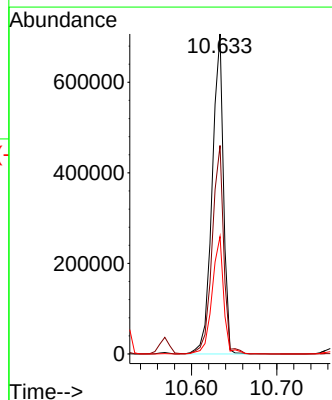
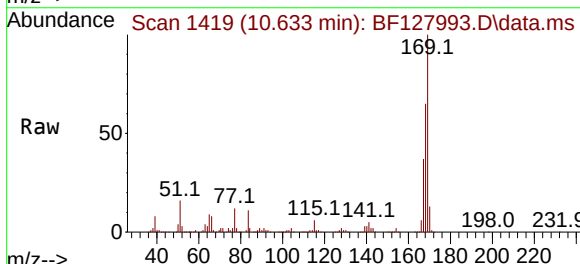
Manual Integrations
APPROVED

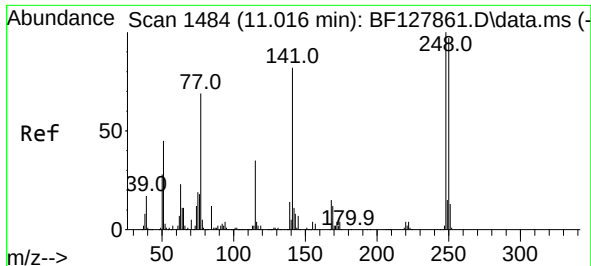
Reviewed By :Christian Giraldo 05/02/2022
Supervised By :Jagrut Upadhyay 05/02/2022



#66
n-Nitrosodiphenylamine
Concen: 38.610 ng
RT: 10.633 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF127993.D
Acq: 29 Apr 2022 14:07

Tgt Ion:169 Resp: 651568
Ion Ratio Lower Upper
169 100
168 65.2 53.8 80.6
167 36.7 29.5 44.3





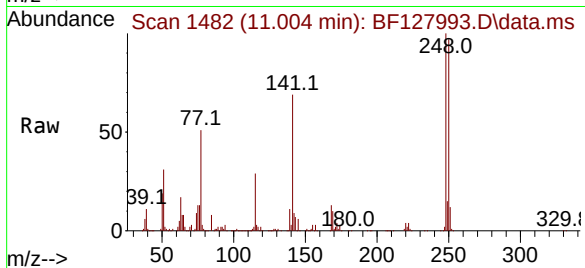
#67
4-Bromophenyl-phenylether
Concen: 39.014 ng
RT: 11.004 min Scan# 1482
Delta R.T. -0.006 min
Lab File: BF127993.D
Acq: 29 Apr 2022 14:07

Instrument :

BNA_F

ClientSampleId :

PB144460BS

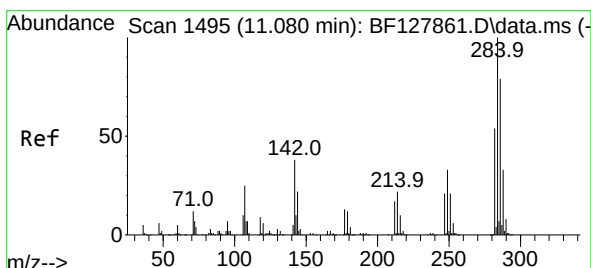
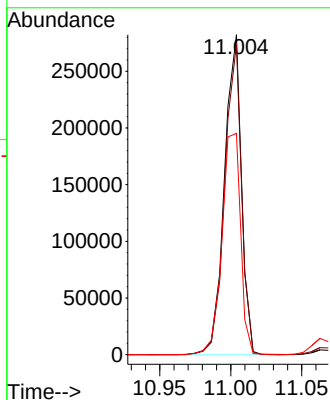
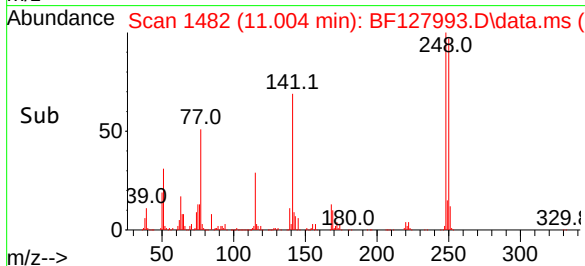


Tgt Ion:248 Resp: 234559
Ion Ratio Lower Upper
248 100
250 96.9 77.7 116.5
141 69.1 65.6 98.4

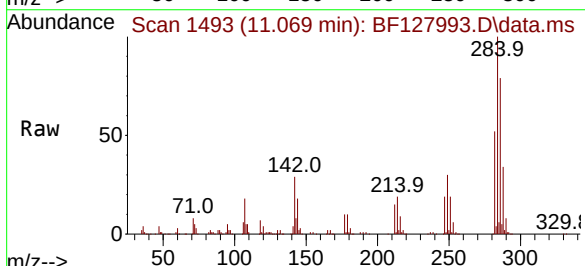
Manual Integrations

APPROVED

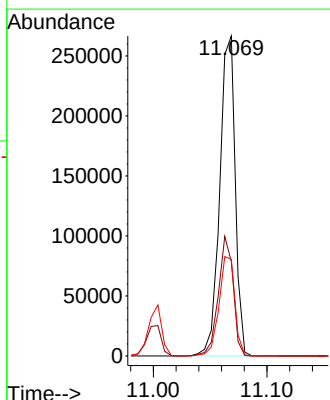
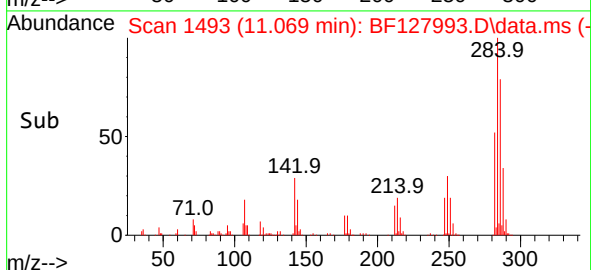
Reviewed By :Christian Giraldo 05/02/2022
Supervised By :Jagrut Upadhyay 05/02/2022

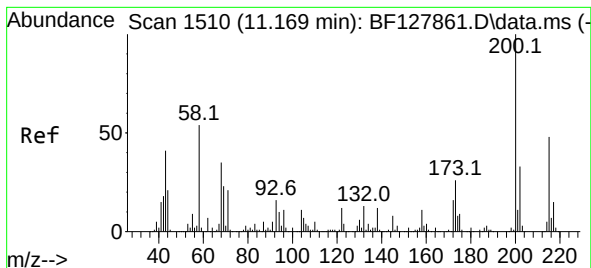


#68
Hexachlorobenzene
Concen: 40.012 ng
RT: 11.069 min Scan# 1493
Delta R.T. -0.006 min
Lab File: BF127993.D
Acq: 29 Apr 2022 14:07



Tgt Ion:284 Resp: 253453
Ion Ratio Lower Upper
284 100
142 29.5 30.2 45.4#
249 30.2 26.1 39.1





#69

Atrazine

Concen: 44.532 ng

RT: 11.157 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF127993.D

Acq: 29 Apr 2022 14:07

Instrument :

BNA_F

ClientSampleId :

PB144460BS

Tgt Ion:200 Resp: 232380

Ion Ratio Lower Upper

200 100

173 24.6 6.0 46.0

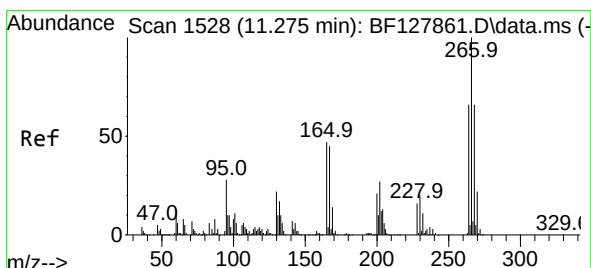
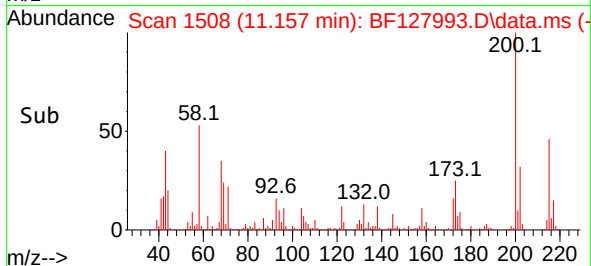
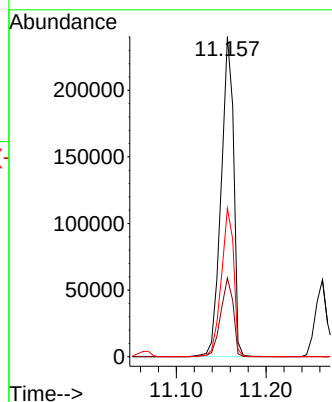
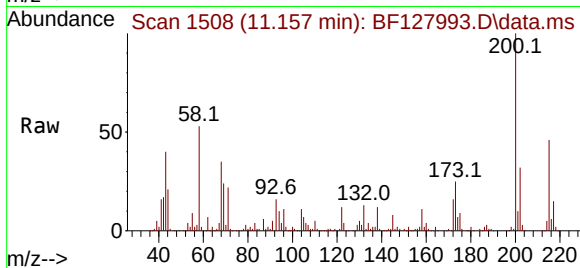
215 46.4 28.1 68.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/02/2022

Supervised By :Jagrut Upadhyay 05/02/2022



#70

Pentachlorophenol

Concen: 75.637 ng

RT: 11.263 min Scan# 1526

Delta R.T. -0.006 min

Lab File: BF127993.D

Acq: 29 Apr 2022 14:07

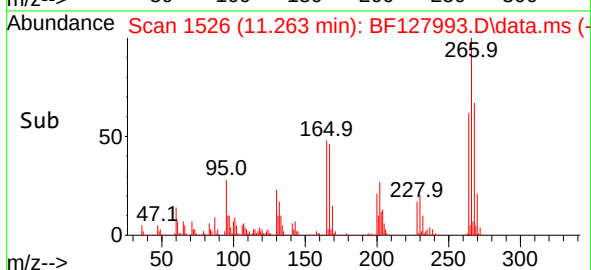
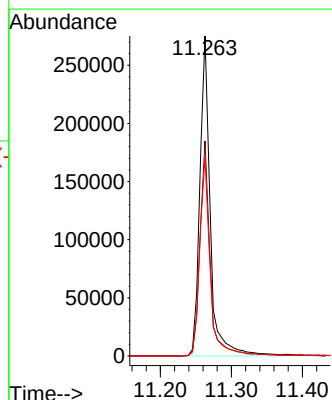
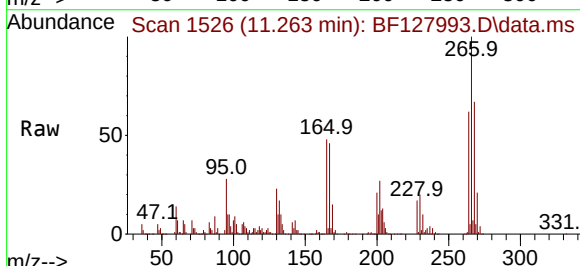
Tgt Ion:266 Resp: 281864

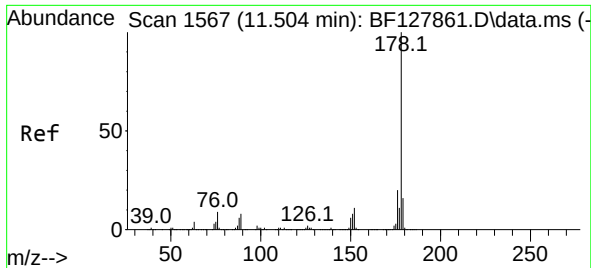
Ion Ratio Lower Upper

266 100

268 67.2 53.0 79.6

264 62.0 53.1 79.7





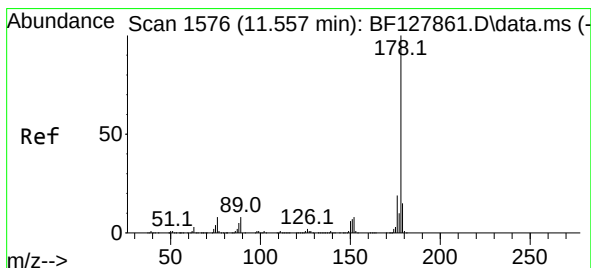
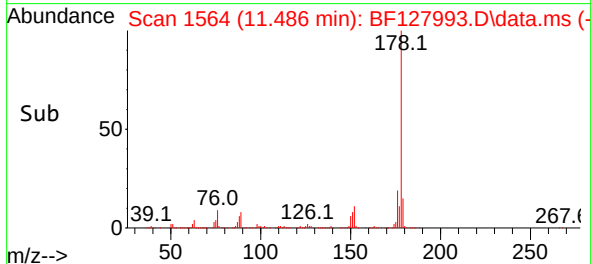
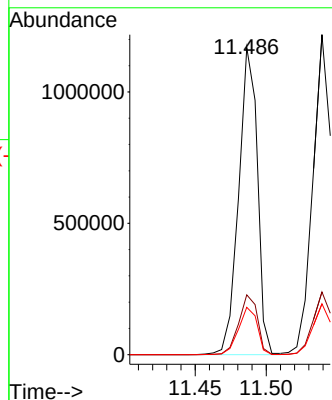
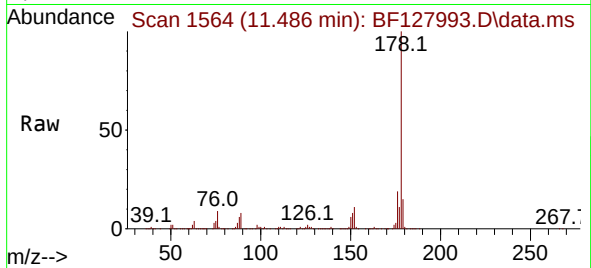
#71
Phenanthrene
Concen: 37.872 ng
RT: 11.486 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF127993.D
Acq: 29 Apr 2022 14:07

Instrument :
BNA_F
ClientSampleId :
PB144460BS

Tgt Ion:178 Resp: 107516
Ion Ratio Lower Upper
178 100
176 19.5 15.7 23.5
179 15.4 12.6 19.0

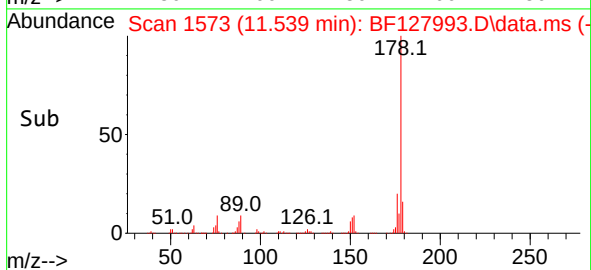
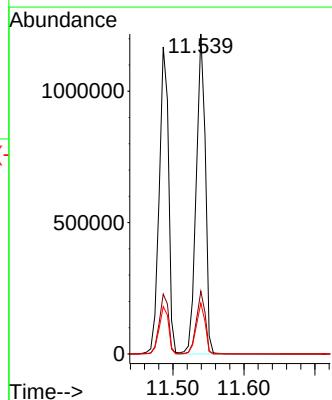
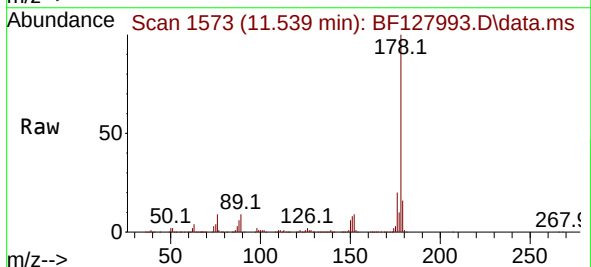
Manual Integrations
APPROVED

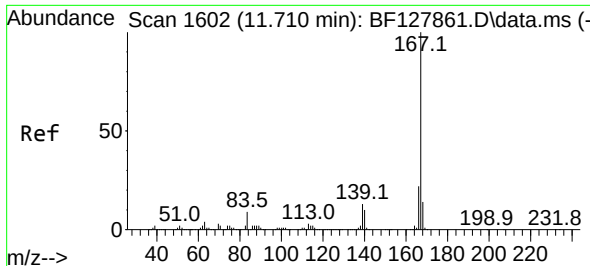
Reviewed By :Christian Giraldo 05/02/2022
Supervised By :Jagrut Upadhyay 05/02/2022



#72
Anthracene
Concen: 38.561 ng
RT: 11.539 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF127993.D
Acq: 29 Apr 2022 14:07

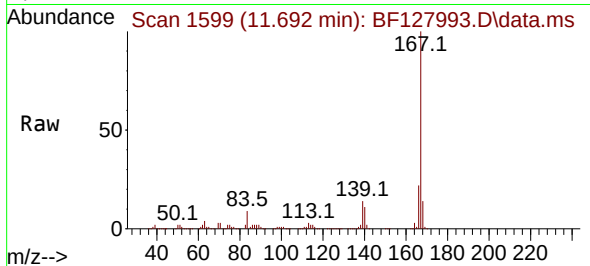
Tgt Ion:178 Resp: 1090504
Ion Ratio Lower Upper
178 100
176 19.6 15.0 22.6
179 15.9 12.4 18.6





#73
 Carbazole
 Concen: 35.800 ng
 RT: 11.692 min Scan# 11692
 Delta R.T. -0.006 min
 Lab File: BF127993.D
 Acq: 29 Apr 2022 14:07

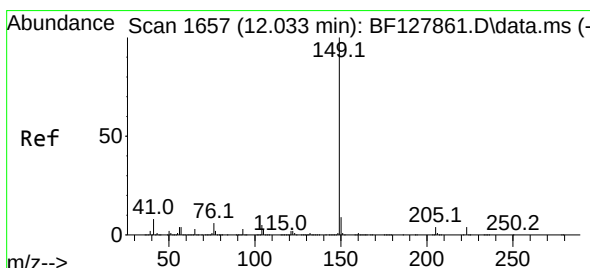
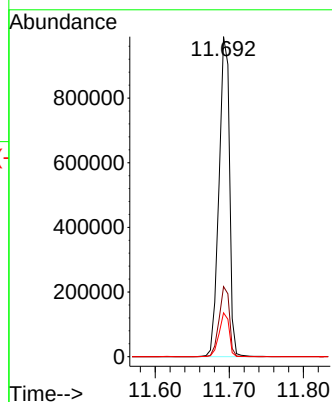
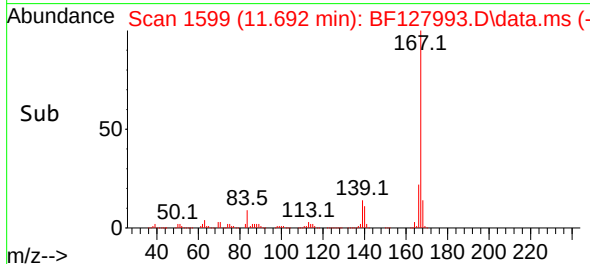
Instrument :
 BNA_F
 ClientSampleId :
 PB144460BS



Tgt Ion:167 Resp: 97575
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.6 26.4
 139 13.7 10.7 16.1

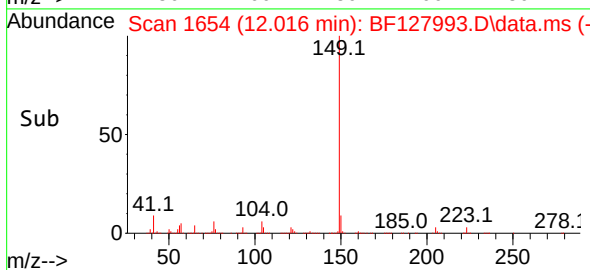
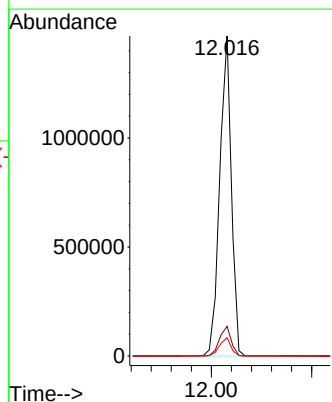
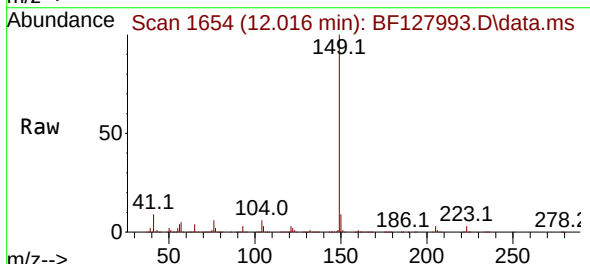
Manual Integrations
 APPROVED

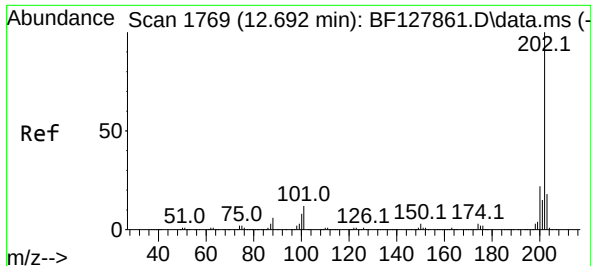
Reviewed By :Christian Giraldo 05/02/2022
 Supervised By :Jagrut Upadhyay 05/02/2022



#74
 Di-n-butylphthalate
 Concen: 38.468 ng
 RT: 12.016 min Scan# 1654
 Delta R.T. -0.006 min
 Lab File: BF127993.D
 Acq: 29 Apr 2022 14:07

Tgt Ion:149 Resp: 1178964
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 5.7 4.3 6.5





#75
Fluoranthene
Concen: 38.296 ng
RT: 12.680 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127993.D
Acq: 29 Apr 2022 14:07

Instrument :

BNA_F

ClientSampleId :

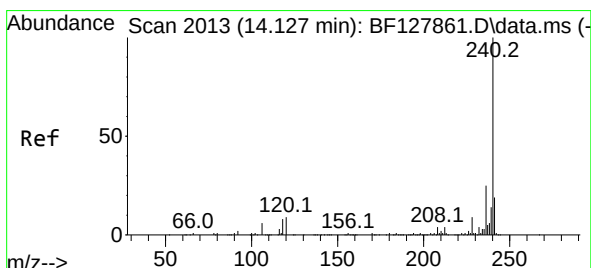
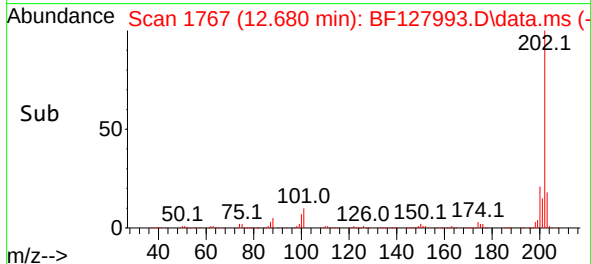
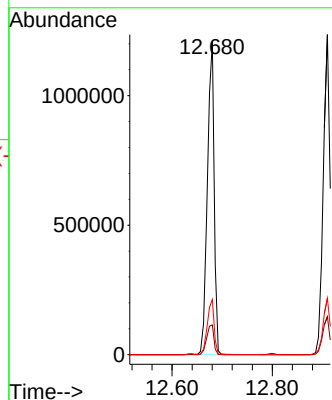
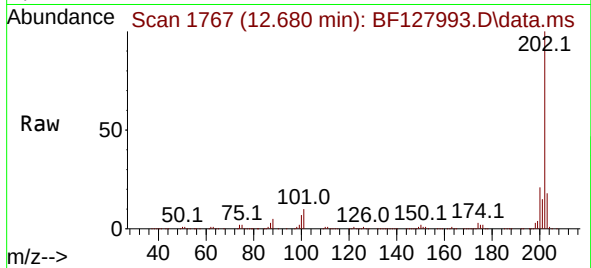
PB144460BS

Tgt Ion:202 Resp: 114425
Ion Ratio Lower Upper
202 100
101 9.5 0.0 31.6
203 17.7 0.0 38.1

Manual Integrations

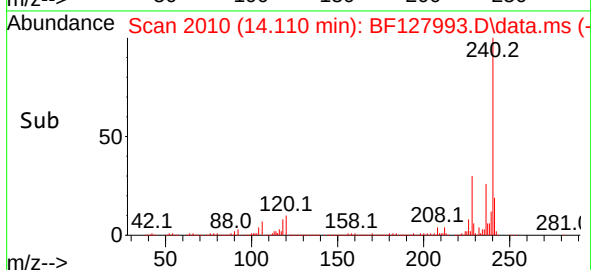
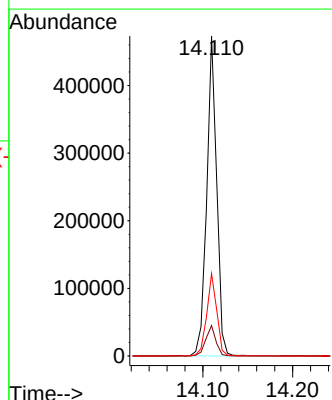
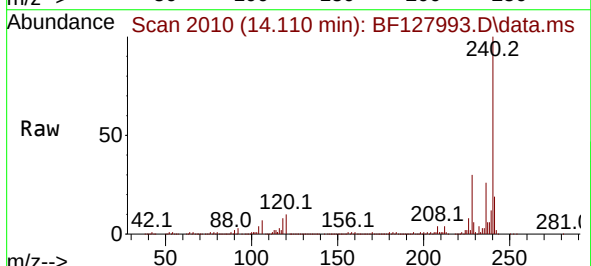
APPROVED

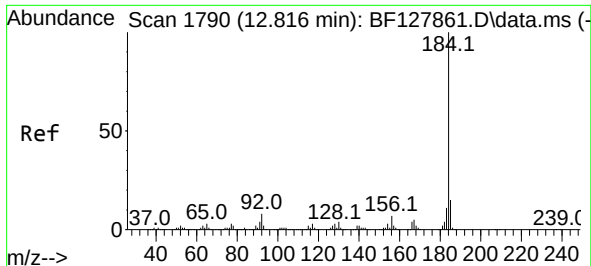
Reviewed By :Christian Giraldo 05/02/2022
Supervised By :Jagrut Upadhyay 05/02/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF127993.D
Acq: 29 Apr 2022 14:07

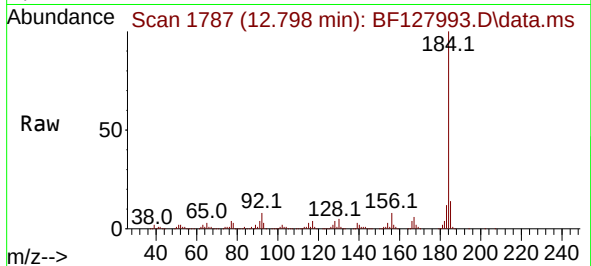
Tgt Ion:240 Resp: 364547
Ion Ratio Lower Upper
240 100
120 9.5 7.0 10.6
236 25.7 20.3 30.5





#77
Benzidine
Concen: 85.093 ng
RT: 12.798 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BF127993.D
Acq: 29 Apr 2022 14:07

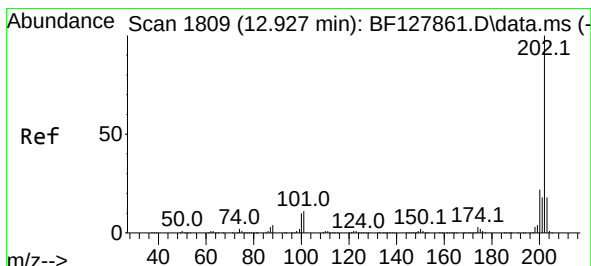
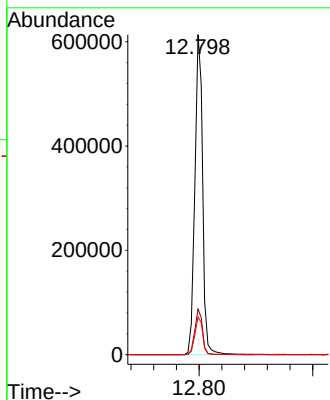
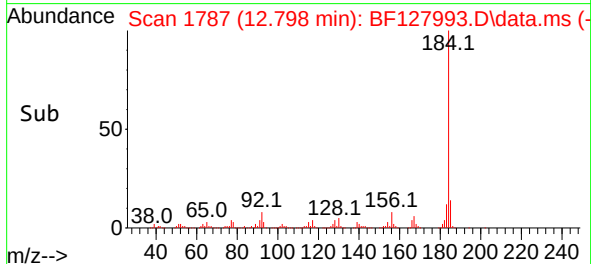
Instrument :
BNA_F
ClientSampleId :
PB144460BS



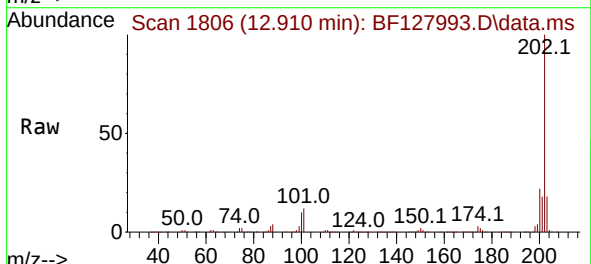
Tgt Ion:184 Resp: 586954
Ion Ratio Lower Upper
184 100
185 14.2 12.1 18.1
183 11.7 9.0 13.4

Manual Integrations
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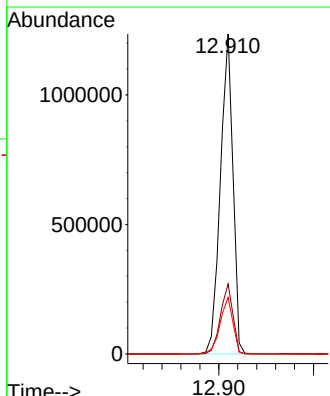
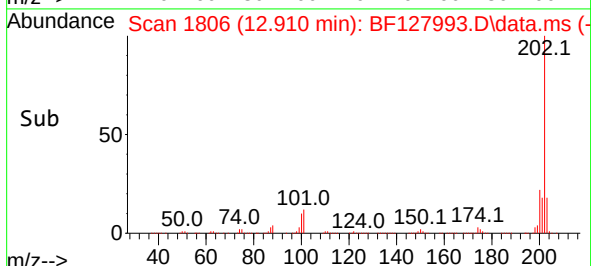
Reviewed By :Christian Giraldo 05/02/2022
Supervised By :Jagrut Upadhyay 05/02/2022

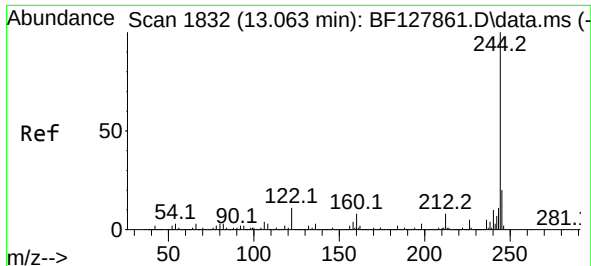


#78
Pyrene
Concen: 38.849 ng
RT: 12.910 min Scan# 1806
Delta R.T. -0.006 min
Lab File: BF127993.D
Acq: 29 Apr 2022 14:07



Tgt Ion:202 Resp: 1143261
Ion Ratio Lower Upper
202 100
200 21.9 17.4 26.2
203 17.7 14.0 21.0





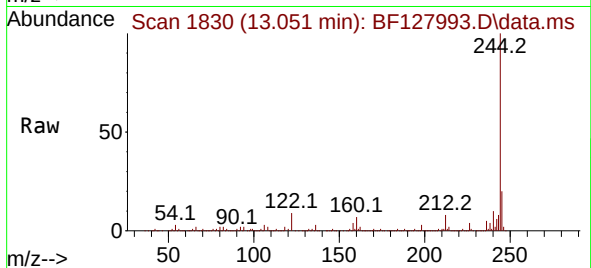
#79
Terphenyl-d14
Concen: 80.907 ng
RT: 13.051 min Scan# 1830
Delta R.T. -0.006 min
Lab File: BF127993.D
Acq: 29 Apr 2022 14:07

Instrument :

BNA_F

ClientSampleId :

PB144460BS

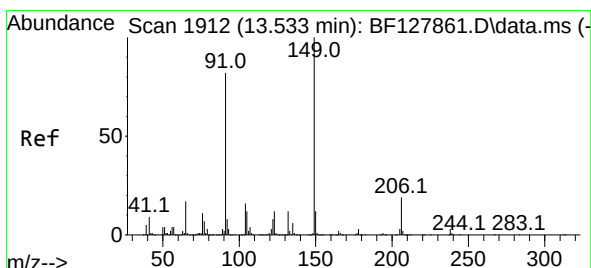
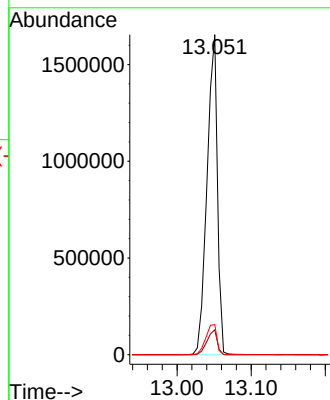
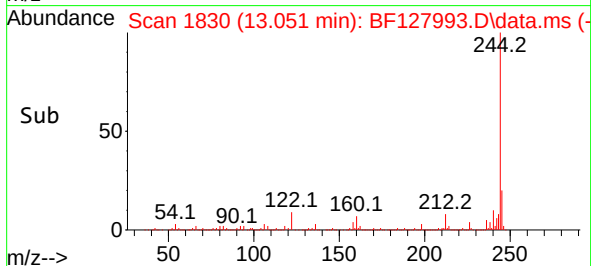


Tgt Ion:244 Resp: 1612992
Ion Ratio Lower Upper
244 100
212 7.8 6.2 9.4
122 9.4 8.6 12.8

Manual Integrations

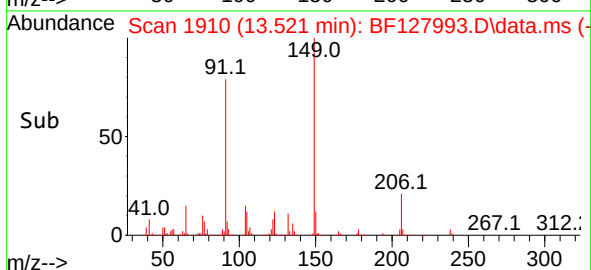
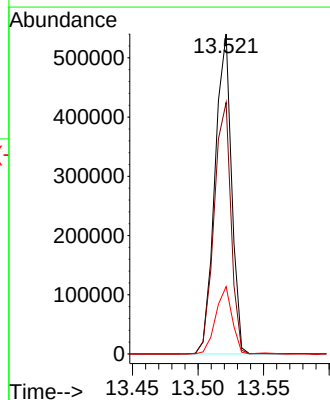
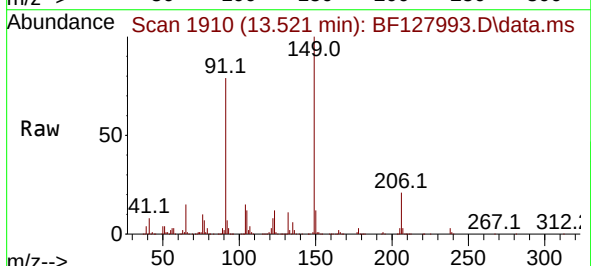
APPROVED

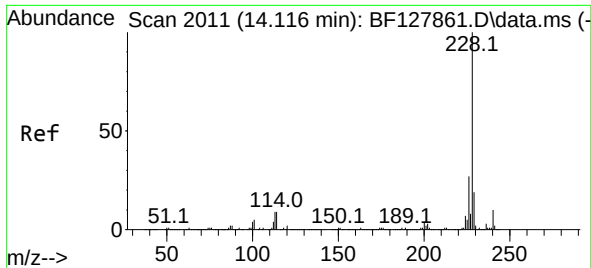
Reviewed By :Christian Giraldo 05/02/2022
Supervised By :Jagrut Upadhyay 05/02/2022



#80
Butylbenzylphthalate
Concen: 41.228 ng
RT: 13.521 min Scan# 1910
Delta R.T. -0.006 min
Lab File: BF127993.D
Acq: 29 Apr 2022 14:07

Tgt Ion:149 Resp: 475548
Ion Ratio Lower Upper
149 100
91 78.6 65.8 98.6
206 21.1 15.4 23.2





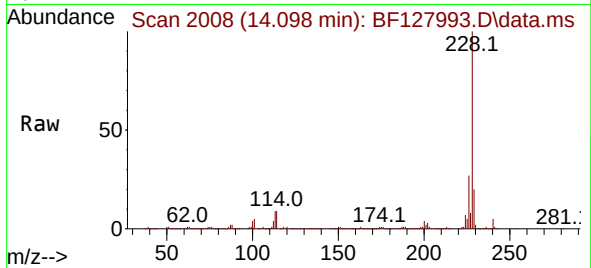
#81
Benzo(a)anthracene
Concen: 39.744 ng
RT: 14.098 min Scan# 2001
Delta R.T. -0.006 min
Lab File: BF127993.D
Acq: 29 Apr 2022 14:07

Instrument :

BNA_F

ClientSampleId :

PB144460BS

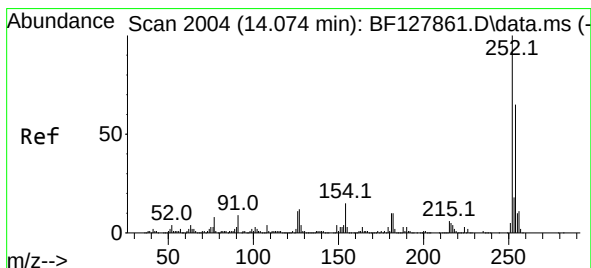
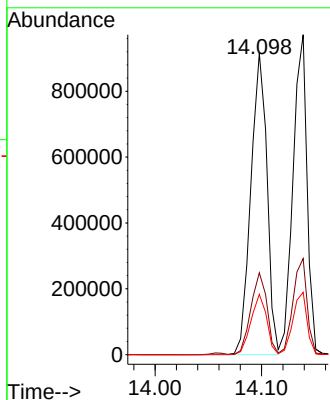
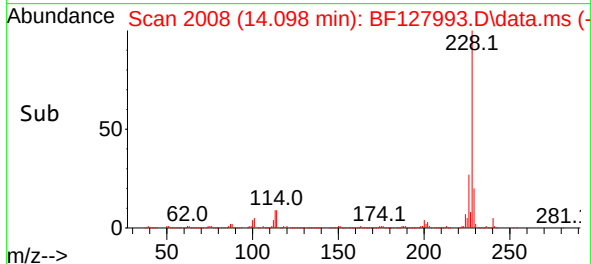


Tgt Ion:228 Resp: 965708
Ion Ratio Lower Upper
228 100
226 27.2 21.7 32.5
229 20.0 15.4 23.2

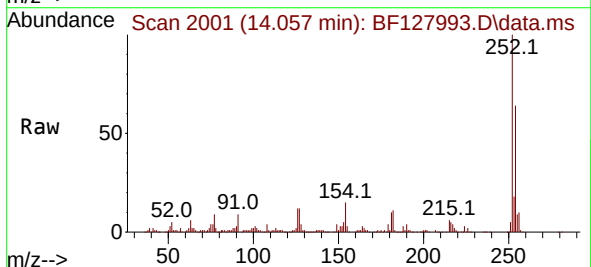
Manual Integrations

APPROVED

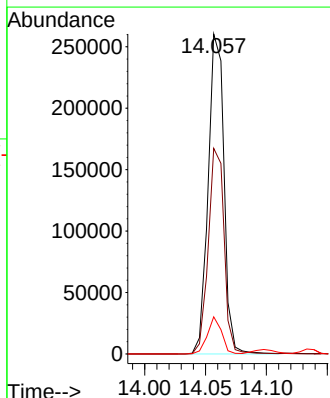
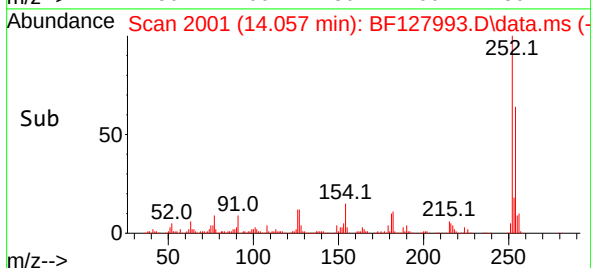
Reviewed By :Christian Giraldo 05/02/2022
Supervised By :Jagrut Upadhyay 05/02/2022

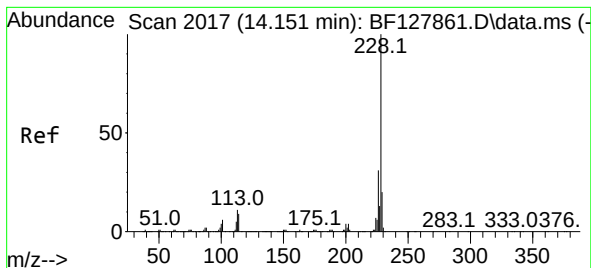


#82
3,3'-Dichlorobenzidine
Concen: 30.599 ng
RT: 14.057 min Scan# 2001
Delta R.T. -0.006 min
Lab File: BF127993.D
Acq: 29 Apr 2022 14:07



Tgt Ion:252 Resp: 236072
Ion Ratio Lower Upper
252 100
254 64.3 51.6 77.4
126 11.6 8.8 13.2





#83

Chrysene

Concen: 38.568 ng

RT: 14.139 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BF127993.D

Acq: 29 Apr 2022 14:07

Instrument :

BNA_F

ClientSampleId :

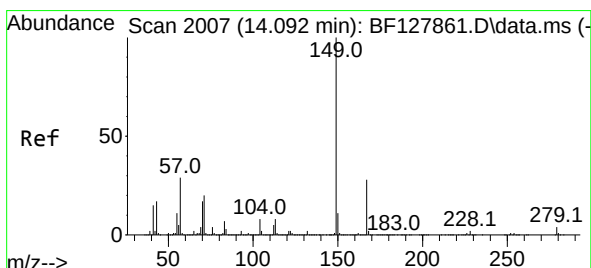
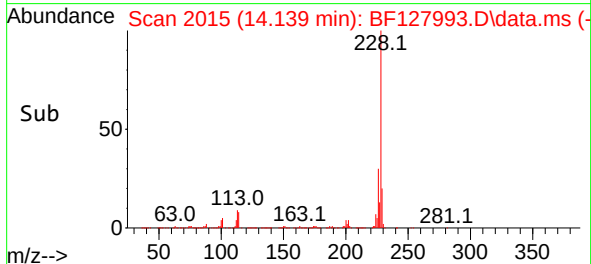
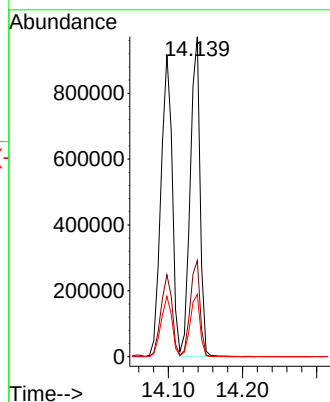
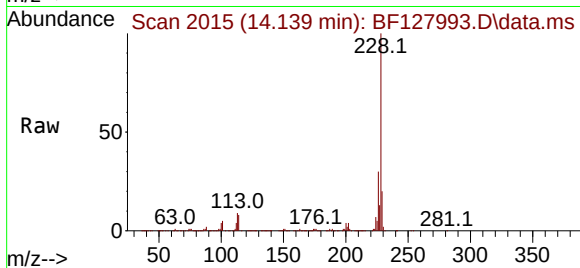
PB144460BS

Tgt Ion:228	Resp: 89499
Ion Ratio	Lower Upper
228 100	
226 30.0	24.4 36.6
229 19.5	15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/02/2022
Supervised By :Jagrut Upadhyay 05/02/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.854 ng

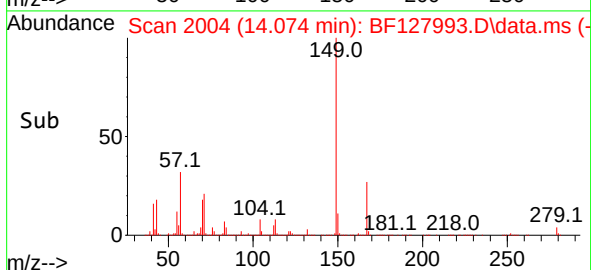
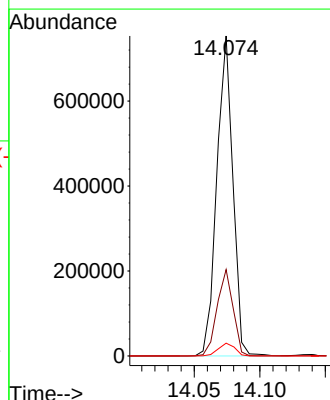
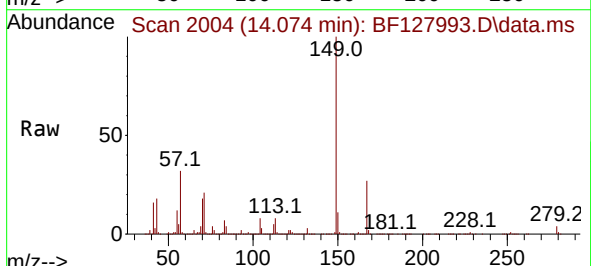
RT: 14.074 min Scan# 2004

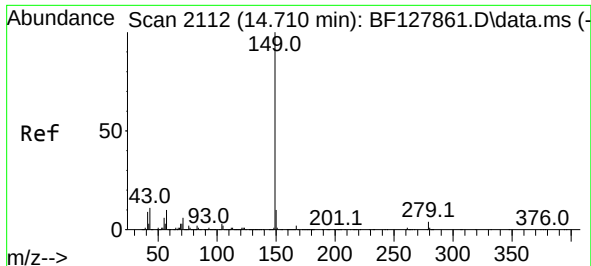
Delta R.T. -0.006 min

Lab File: BF127993.D

Acq: 29 Apr 2022 14:07

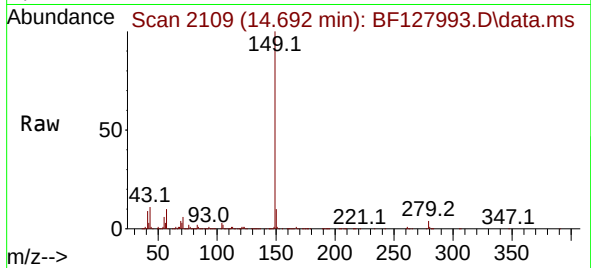
Tgt Ion:149	Resp: 640203
Ion Ratio	Lower Upper
149 100	
167 27.0	22.0 33.0
279 4.0	3.4 5.0





#85
Di-n-octyl phthalate
Concen: 41.671 ng
RT: 14.692 min Scan# 2109
Delta R.T. -0.006 min
Lab File: BF127993.D
Acq: 29 Apr 2022 14:07

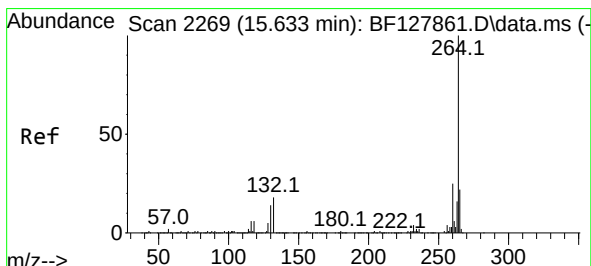
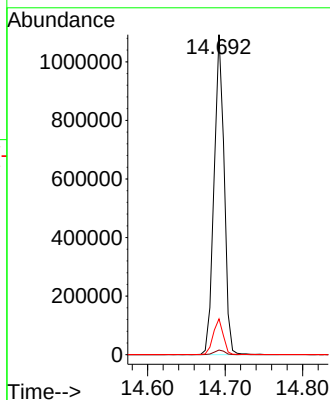
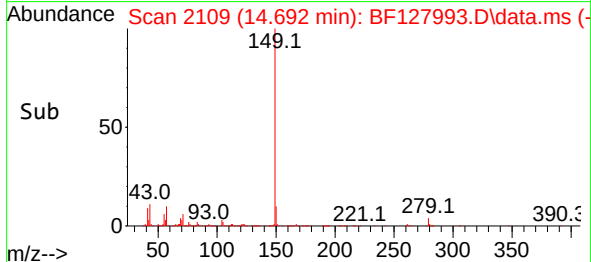
Instrument :
BNA_F
ClientSampleId :
PB144460BS



Tgt Ion:149 Resp: 987798
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 11.1 8.9 13.3

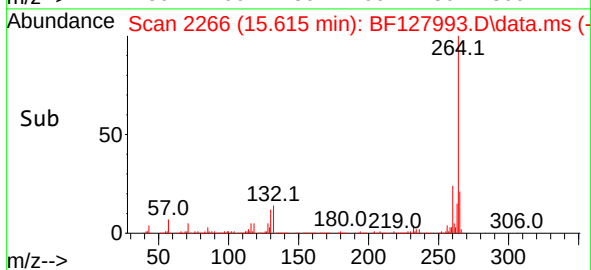
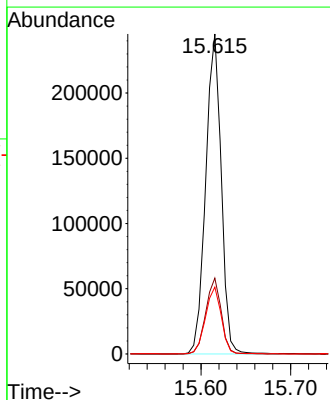
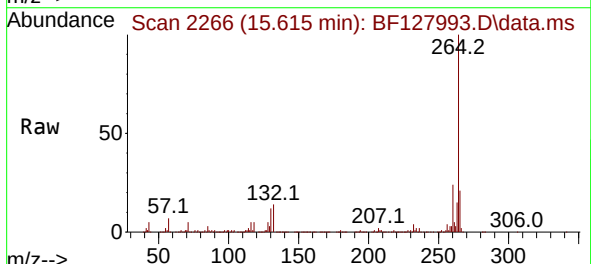
Manual Integrations
APPROVED

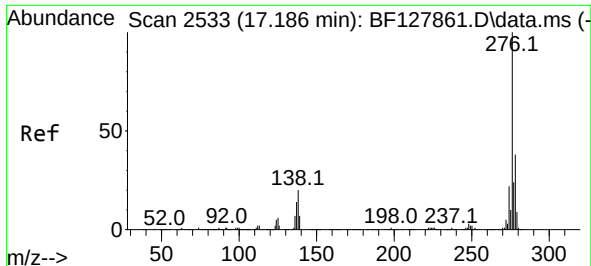
Reviewed By :Christian Giraldo 05/02/2022
Supervised By :Jagrut Upadhyay 05/02/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.615 min Scan# 2266
Delta R.T. -0.006 min
Lab File: BF127993.D
Acq: 29 Apr 2022 14:07

Tgt Ion:264 Resp: 294190
Ion Ratio Lower Upper
264 100
260 23.7 20.1 30.1
265 20.9 17.5 26.3





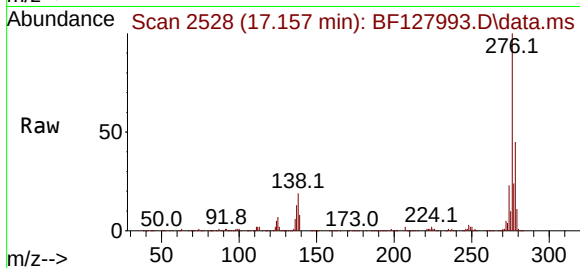
#87
Indeno(1,2,3-cd)pyrene
Concen: 37.147 ng
RT: 17.157 min Scan# 2190
Delta R.T. -0.012 min
Lab File: BF127993.D
Acq: 29 Apr 2022 14:07

Instrument :

BNA_F

ClientSampleId :

PB144460BS

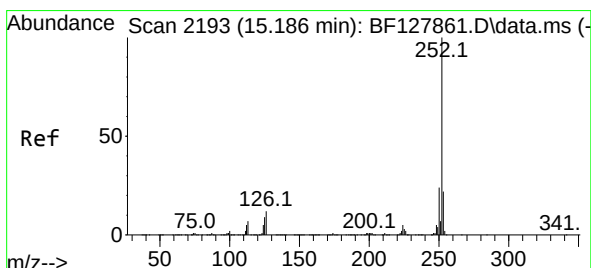
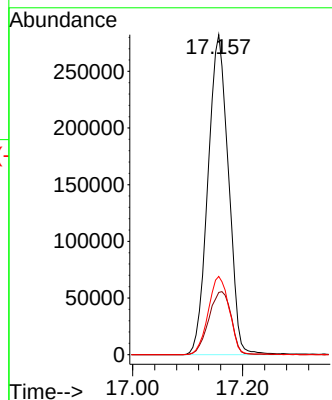
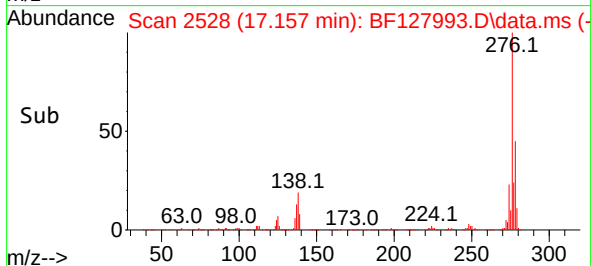


Tgt Ion:276 Resp: 72944
Ion Ratio Lower Upper
276 100
138 21.7 19.0 28.4
277 25.2 20.1 30.1

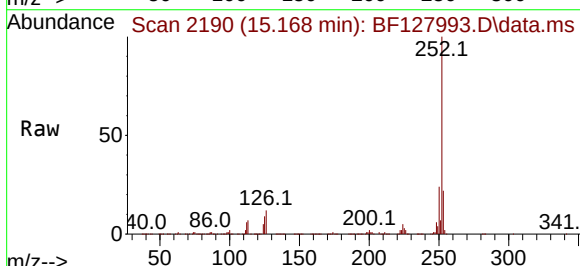
Manual Integrations

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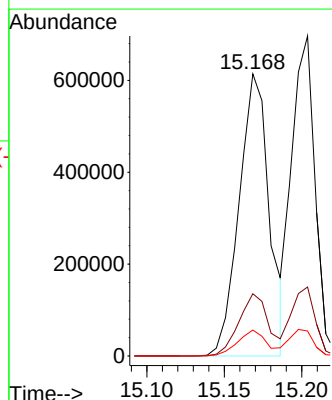
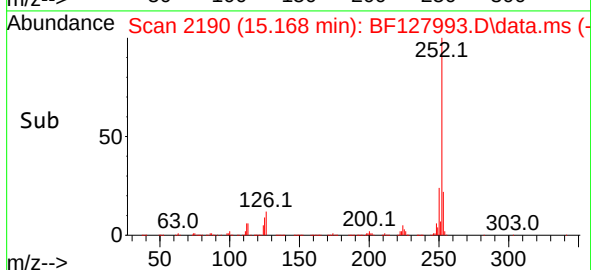
Reviewed By :Christian Giraldo 05/02/2022
Supervised By :Jagrut Upadhyay 05/02/2022

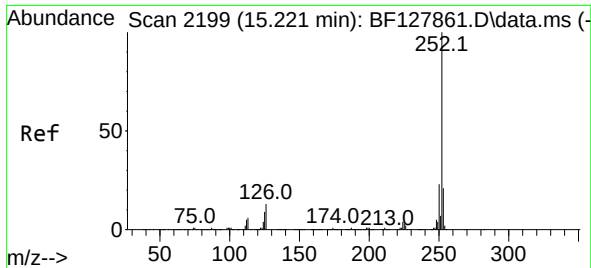


#88
Benzo(b)fluoranthene
Concen: 45.009 ng
RT: 15.168 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BF127993.D
Acq: 29 Apr 2022 14:07



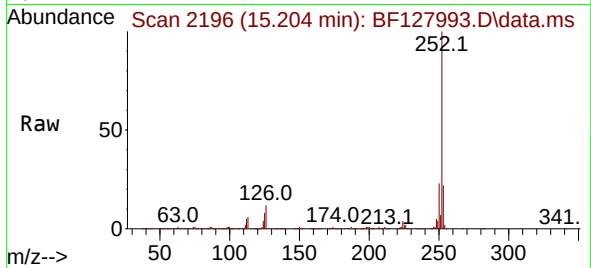
Tgt Ion:252 Resp: 831669
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 9.2 7.4 11.2





#89
Benzo(k)fluoranthene
Concen: 39.246 ng
RT: 15.204 min Scan# 2199
Delta R.T. -0.006 min
Lab File: BF127993.D
Acq: 29 Apr 2022 14:07

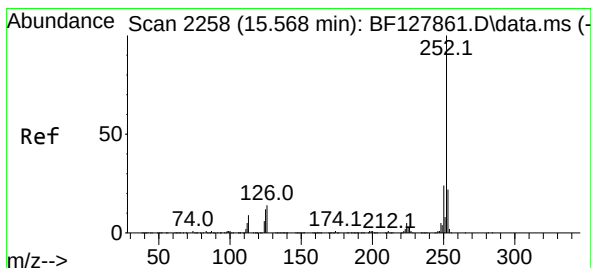
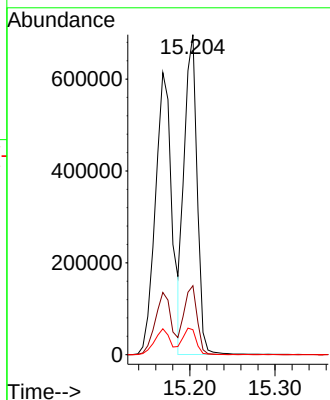
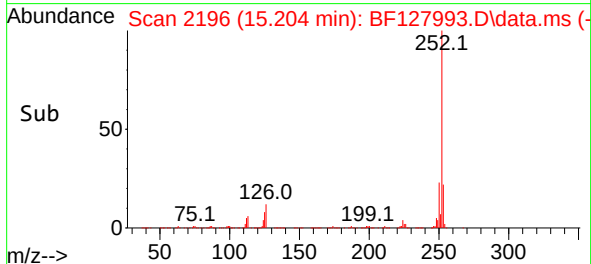
Instrument :
BNA_F
ClientSampleId :
PB144460BS



Tgt Ion:252 Resp: 730594
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.4
125 7.8 6.8 10.2

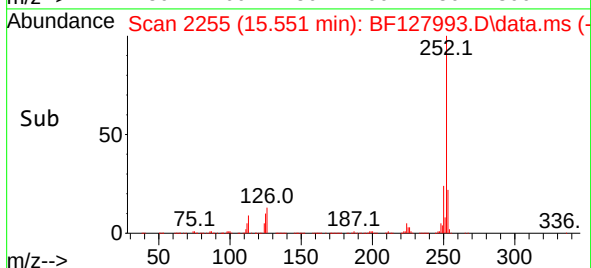
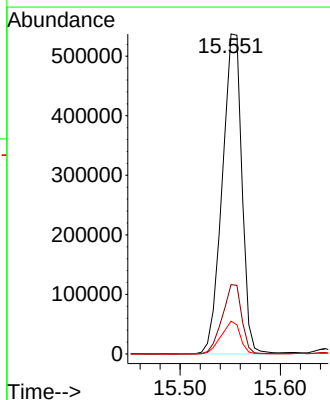
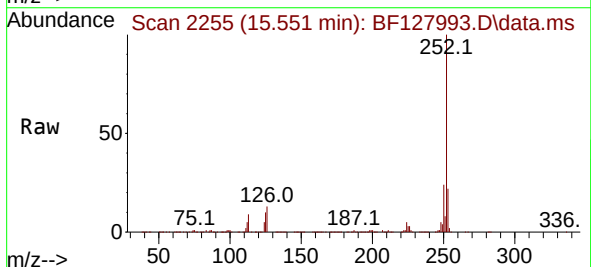
Manual Integrations
APPROVED

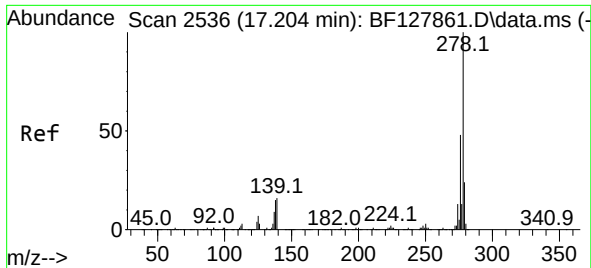
Reviewed By :Christian Giraldo 05/02/2022
Supervised By :Jagrut Upadhyay 05/02/2022



#90
Benzo(a)pyrene
Concen: 47.627 ng
RT: 15.551 min Scan# 2255
Delta R.T. -0.006 min
Lab File: BF127993.D
Acq: 29 Apr 2022 14:07

Tgt Ion:252 Resp: 729983
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.6
125 10.2 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 40.114 ng

RT: 17.174 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF127993.D

Acq: 29 Apr 2022 14:07

Instrument :

BNA_F

ClientSampleId :

PB144460BS

Tgt Ion:278 Resp: 631738

Ion Ratio Lower Upper

278 100

139 13.8 12.6 19.0

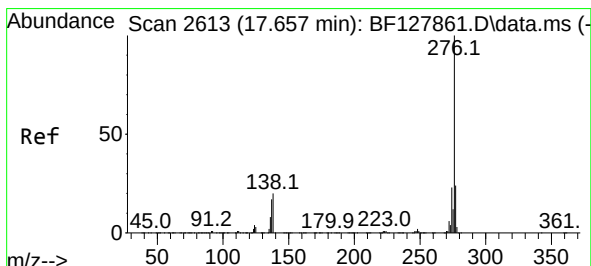
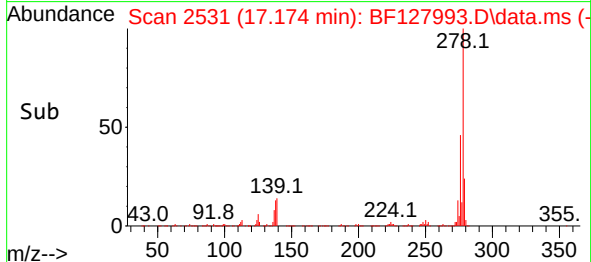
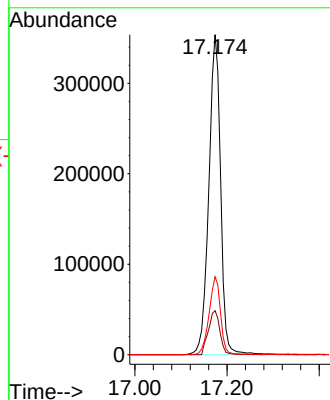
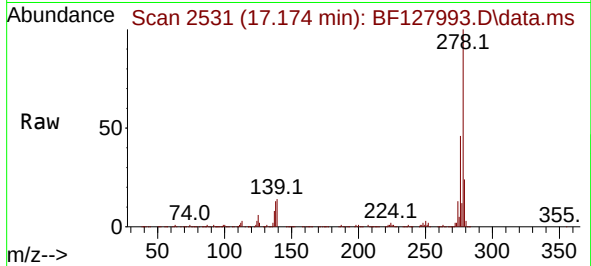
279 24.4 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/02/2022

Supervised By :Jagrut Upadhyay 05/02/2022



#92

Benzo(g,h,i)perylene

Concen: 38.555 ng

RT: 17.627 min Scan# 2608

Delta R.T. -0.012 min

Lab File: BF127993.D

Acq: 29 Apr 2022 14:07

Tgt Ion:276 Resp: 639877

Ion Ratio Lower Upper

276 100

277 22.7 18.8 28.2

138 17.7 16.2 24.2

