

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071522\
 Data File : BF129237.D
 Acq On : 15 Jul 2022 14:31
 Operator : CG\JU
 Sample : PB146243BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146243BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/18/2022
 Supervised By : Jagrut Upadhyay 07/18/2022

Quant Time: Jul 16 01:41:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 15 12:55:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	303521	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	1268740	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	667880	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	1103007	20.000	ng	# 0.00
76) Chrysene-d12	14.074	240	687370	20.000	ng	# 0.00
86) Perylene-d12	15.563	264	554295	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	2175605	114.475	ng	0.02
7) Phenol-d6	6.528	99	2861703	116.423	ng	0.00
23) Nitrobenzene-d5	7.463	82	1872813	78.905	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	730103	117.776	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	3109236	78.871	ng	0.00
79) Terphenyl-d14	13.016	244	3148855	85.697	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.810	88	250220	28.899	ng	91
3) Pyridine	3.587	79	748491	33.615	ng	91
4) n-Nitrosodimethylamine	3.528	42	414698	39.428	ng	91
6) Aniline	6.563	93	1153778	39.954	ng	99
8) 2-Chlorophenol	6.681	128	885137	44.231	ng	99
9) Benzaldehyde	6.451	77	503662	33.389	ng	98
10) Phenol	6.540	94	1037688m	42.027	ng	
11) bis(2-Chloroethyl)ether	6.634	93	837862	41.840	ng	95
12) 1,3-Dichlorobenzene	6.840	146	842268	39.578	ng	98
13) 1,4-Dichlorobenzene	6.916	146	857332	39.830	ng	99
14) 1,2-Dichlorobenzene	7.069	146	830587	41.399	ng	99
15) Benzyl Alcohol	7.040	79	731715	44.699	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	1336697	41.892	ng	95
17) 2-Methylphenol	7.145	107	718329	42.703	ng	99
18) Hexachloroethane	7.410	117	331606	41.231	ng	# 89
19) n-Nitroso-di-n-propyla...	7.310	70	609067	42.127	ng	98
20) 3+4-Methylphenols	7.298	107	872994	42.225	ng	98
22) Acetophenone	7.310	105	1159096	39.588	ng	# 98
24) Nitrobenzene	7.481	77	926557	41.038	ng	96
25) Isophorone	7.722	82	1771420	44.407	ng	99
26) 2-Nitrophenol	7.798	139	472496	41.661	ng	93
27) 2,4-Dimethylphenol	7.834	122	836080	47.409	ng	97
28) bis(2-Chloroethoxy)met...	7.928	93	1068547	40.214	ng	99
29) 2,4-Dichlorophenol	8.039	162	736356	42.000	ng	98
30) 1,2,4-Trichlorobenzene	8.122	180	697602	38.346	ng	98
31) Naphthalene	8.204	128	2440860	40.606	ng	99
32) Benzoic acid	7.957	122	584025	42.639	ng	95
33) 4-Chloroaniline	8.251	127	918951	36.864	ng	98
34) Hexachlorobutadiene	8.316	225	394364	38.532	ng	99
35) Caprolactam	8.628	113	259762m	44.602	ng	
36) 4-Chloro-3-methylphenol	8.734	107	814581	42.591	ng	96
37) 2-Methylnaphthalene	8.898	142	1630711	41.622	ng	98
38) 1-Methylnaphthalene	8.998	142	1546535	40.817	ng	98
40) 1,2,4,5-Tetrachloroben...	9.063	216	651263	39.221	ng	# 97
41) Hexachlorocyclopentadiene	9.045	237	808035	96.701	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	495348	40.512	ng	96

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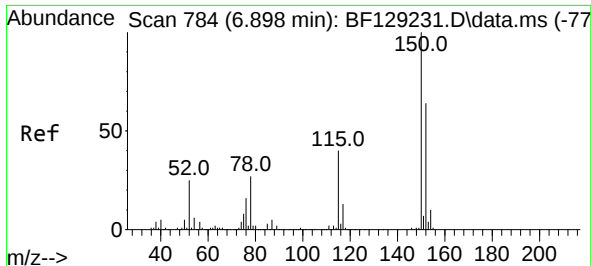
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	544146	42.071	ng	# 91
46) 1,1'-Biphenyl	9.363	154	1901486	40.252	ng	99
47) 2-Chloronaphthalene	9.386	162	1521363	40.888	ng	99
48) 2-Nitroaniline	9.486	65	544068	43.523	ng	88
49) Acenaphthylene	9.804	152	2348718	41.939	ng	99
50) Dimethylphthalate	9.663	163	1783811	41.158	ng	99
51) 2,6-Dinitrotoluene	9.728	165	419519	44.732	ng	99
52) Acenaphthene	9.975	154	1678981m	45.866	ng	
53) 3-Nitroaniline	9.898	138	393825	35.166	ng	# 91
54) 2,4-Dinitrophenol	10.004	184	456307	90.782	ng	96
55) Dibenzofuran	10.151	168	2096188	40.338	ng	97
56) 4-Nitrophenol	10.057	139	776249	87.573	ng	95
57) 2,4-Dinitrotoluene	10.133	165	556902	45.283	ng	94
58) Fluorene	10.492	166	1621282	41.020	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	425508	42.588	ng	93
60) Diethylphthalate	10.363	149	1729428	41.263	ng	99
61) 4-Chlorophenyl-phenyle...	10.481	204	718680	39.252	ng	# 89
62) 4-Nitroaniline	10.516	138	482171	43.488	ng	95
63) Azobenzene	10.645	77	1818923	40.656	ng	96
65) 4,6-Dinitro-2-methylph...	10.539	198	282288	40.506	ng	96
66) n-Nitrosodiphenylamine	10.604	169	1461682	41.535	ng	96
67) 4-Bromophenyl-phenylether	10.975	248	477594	41.133	ng	97
68) Hexachlorobenzene	11.039	284	512302	42.034	ng	99
69) Atrazine	11.128	200	483598	49.568	ng	95
70) Pentachlorophenol	11.233	266	587674	81.087	ng	98
71) Phenanthrene	11.457	178	2309644	41.243	ng	99
72) Anthracene	11.510	178	2341093	42.085	ng	99
73) Carbazole	11.663	167	2257129	40.678	ng	99
74) Di-n-butylphthalate	11.986	149	2628446	41.220	ng	99
75) Fluoranthene	12.645	202	2384155	42.747	ng	95
77) Benzidine	12.769	184	1293065	67.205	ng	100
78) Pyrene	12.874	202	2390057	42.930	ng	100
80) Butylbenzylphthalate	13.486	149	1093919	44.113	ng	99
81) Benzo(a)anthracene	14.063	228	1878126	43.318	ng	99
82) 3,3'-Dichlorobenzidine	14.027	252	547326	50.464	ng	# 97
83) Chrysene	14.104	228	1746966	42.213	ng	98
84) Bis(2-ethylhexyl)phtha...	14.039	149	1451266	43.982	ng	98
85) Di-n-octyl phthalate	14.657	149	2079684	43.943	ng	99
87) Indeno(1,2,3-cd)pyrene	17.074	276	1552774	44.925	ng	97
88) Benzo(b)fluoranthene	15.127	252	1585844	46.571	ng	98
89) Benzo(k)fluoranthene	15.157	252	1512567m	45.464	ng	
90) Benzo(a)pyrene	15.504	252	1343339	48.458	ng	98
91) Dibenzo(a,h)anthracene	17.092	278	1321692	47.275	ng	# 95
92) Benzo(g,h,i)perylene	17.539	276	1384955	48.462	ng	97

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



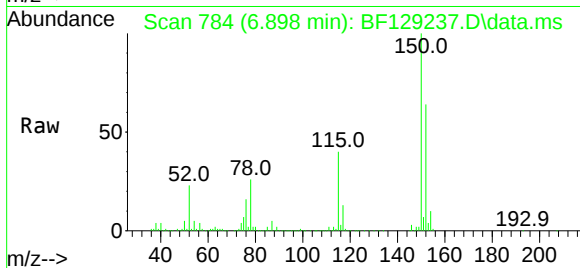
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF129237.D
 Acq: 15 Jul 2022 14:31

Instrument :

BNA_F

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PB146243BS

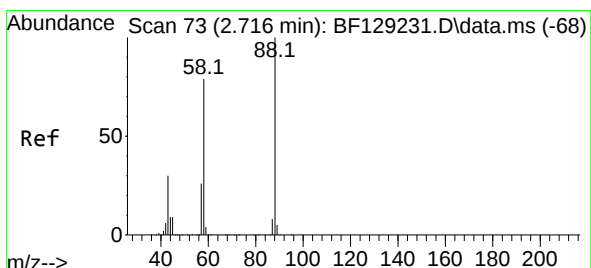
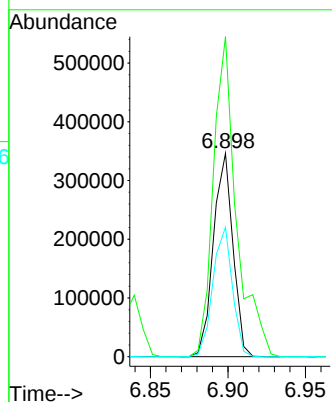
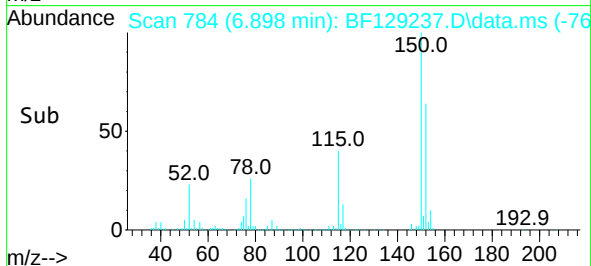


Tgt Ion:152 Resp: 30352
 Ion Ratio Lower Upper
 152 100
 150 157.3 123.7 185.5
 115 63.7 49.9 74.9

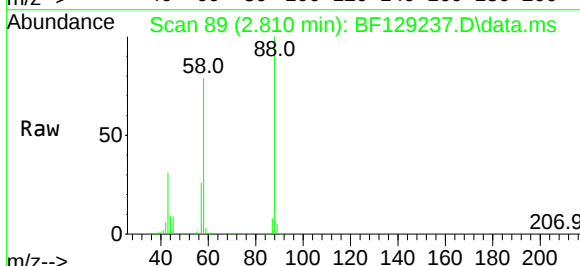
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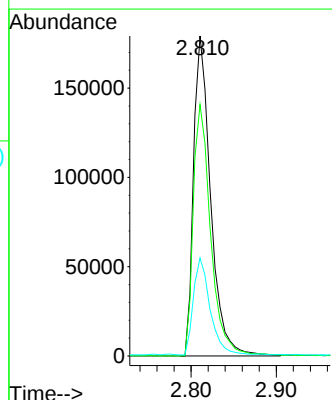
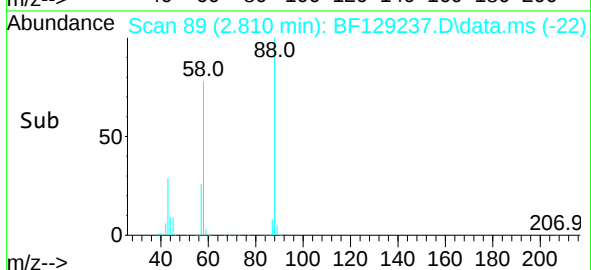
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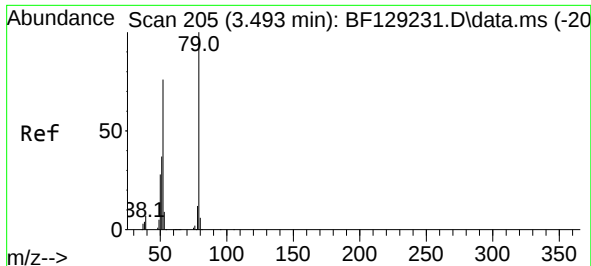


#2
 1,4-Dioxane
 Concen: 28.899 ng
 RT: 2.810 min Scan# 89
 Delta R.T. 0.094 min
 Lab File: BF129237.D
 Acq: 15 Jul 2022 14:31



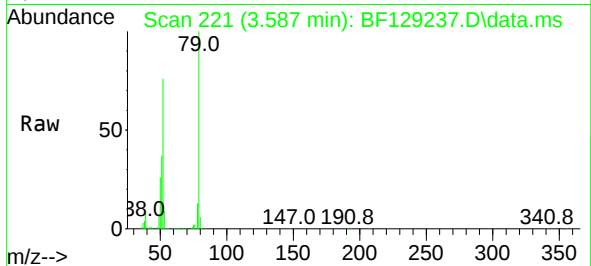
Tgt Ion: 88 Resp: 250220
 Ion Ratio Lower Upper
 88 100
 58 80.3 71.8 107.8
 43 30.0 26.6 39.8





#3
Pyridine
Concen: 33.615 ng
RT: 3.587 min Scan# 211
Delta R.T. 0.094 min
Lab File: BF129237.D
Acq: 15 Jul 2022 14:31

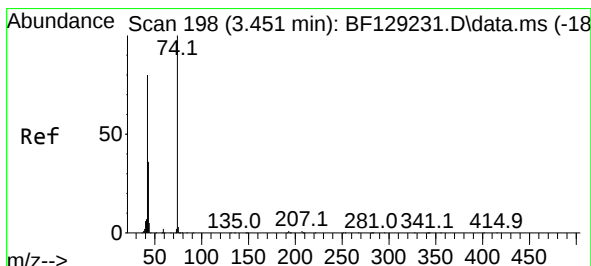
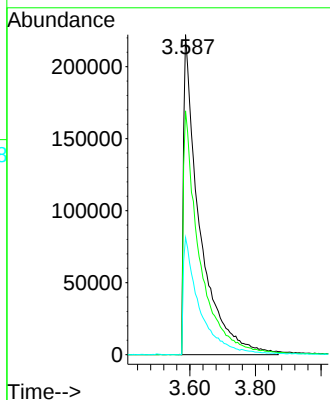
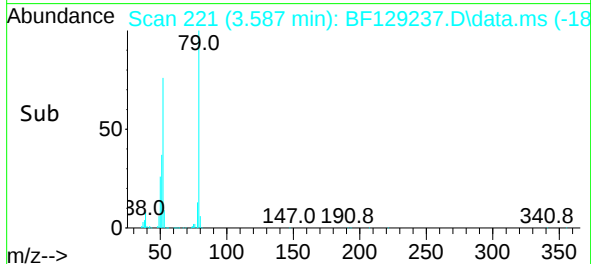
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ClientSampleId :
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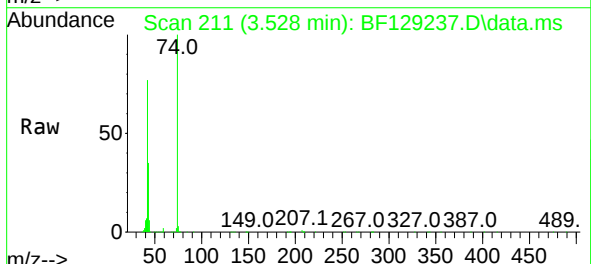
Tgt Ion: 79 Resp: 74849
Ion Ratio Lower Upper
79 100
52 76.2 68.6 102.8
51 36.6 32.9 49.3

Manual Integrations
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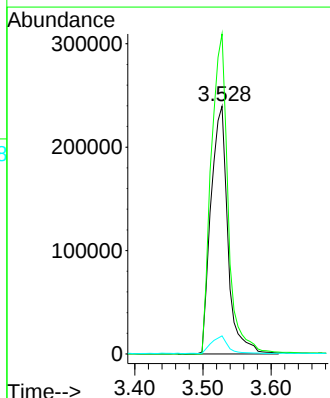
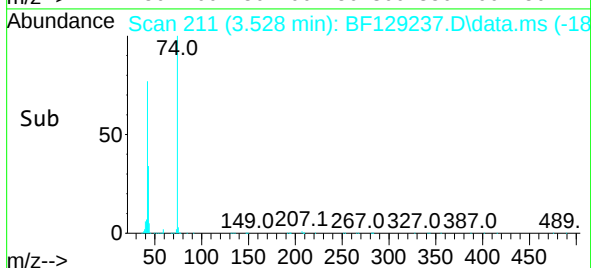
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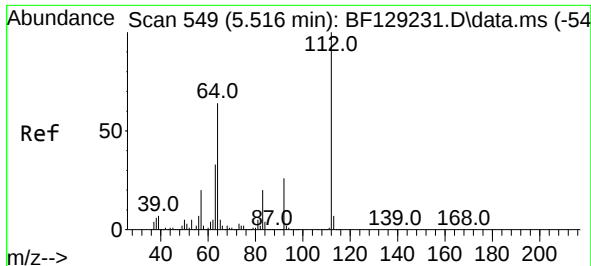


#4
n-Nitrosodimethylamine
Concen: 39.428 ng
RT: 3.528 min Scan# 211
Delta R.T. 0.077 min
Lab File: BF129237.D
Acq: 15 Jul 2022 14:31



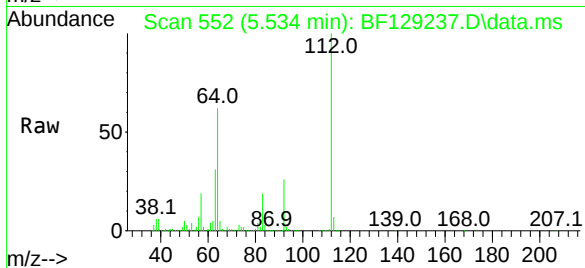
Tgt Ion: 42 Resp: 414698
Ion Ratio Lower Upper
42 100
74 129.2 94.8 142.2
44 7.3 6.6 10.0





#5
2-Fluorophenol
Concen: 114.475 ng
RT: 5.534 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF129237.D
Acq: 15 Jul 2022 14:31

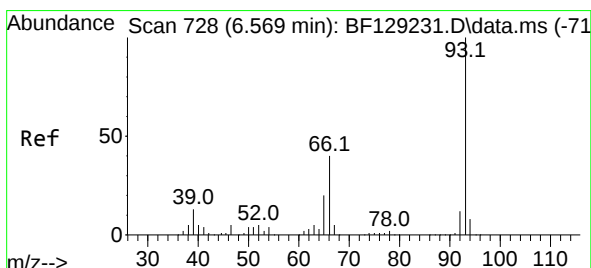
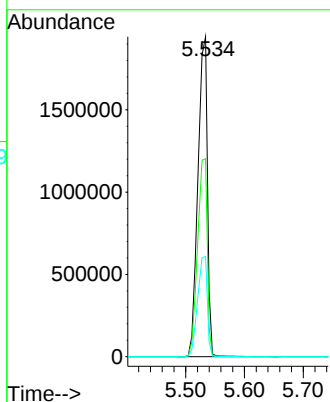
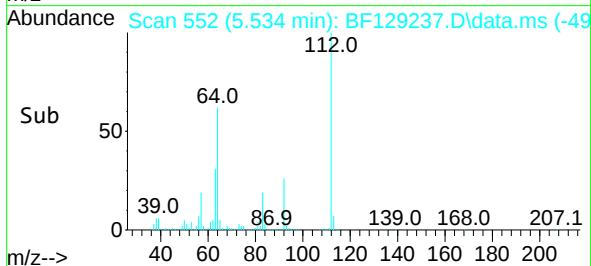
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Tgt Ion: 112 Resp: 217560
Ion Ratio Lower Upper
112 100
64 61.8 53.3 79.9
63 31.4 28.0 42.0

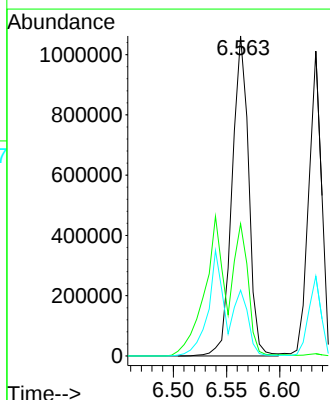
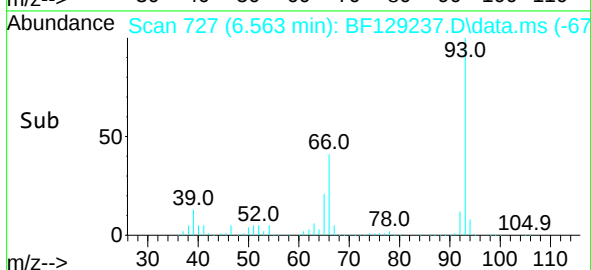
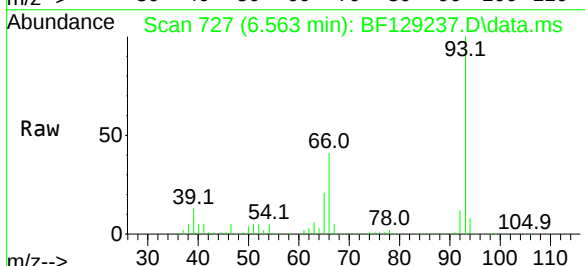
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#6
Aniline
Concen: 39.954 ng
RT: 6.563 min Scan# 727
Delta R.T. -0.006 min
Lab File: BF129237.D
Acq: 15 Jul 2022 14:31

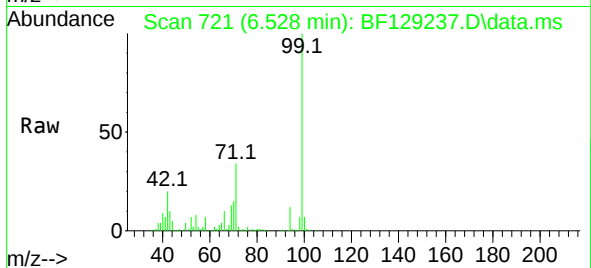
Tgt Ion: 93 Resp: 1153778
Ion Ratio Lower Upper
93 100
66 41.3 32.5 48.7
65 20.5 16.4 24.6





#7
Phenol-d6
Concen: 116.423 ng
RT: 6.528 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF129237.D
Acq: 15 Jul 2022 14:31

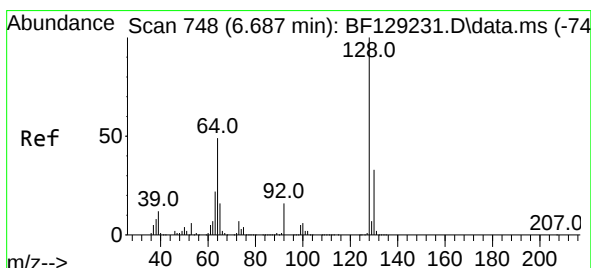
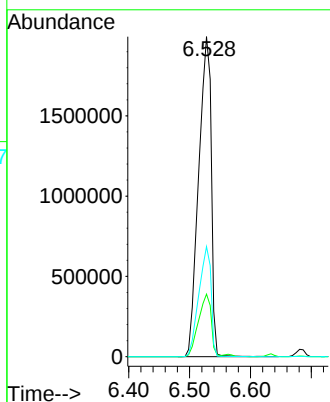
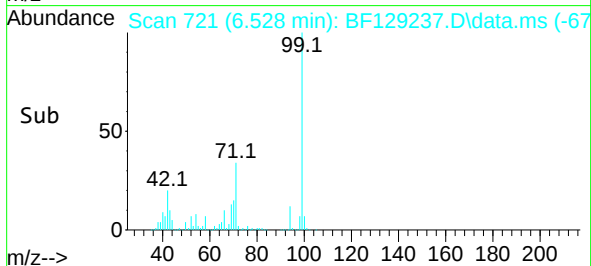
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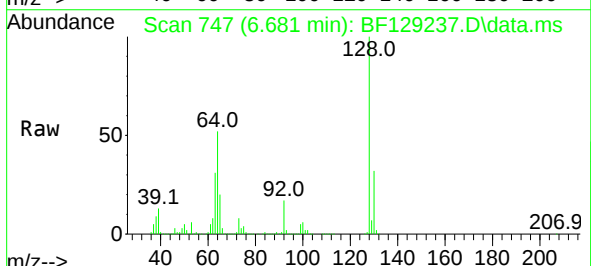
Tgt Ion: 99 Resp: 286170
Ion Ratio Lower Upper
99 100
42 19.5 17.3 25.9
71 34.4 28.9 43.3

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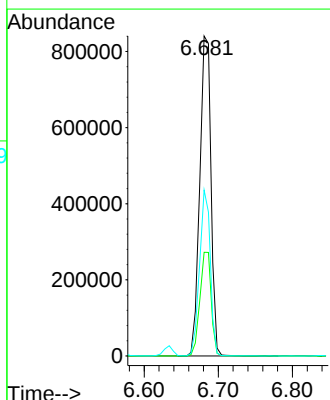
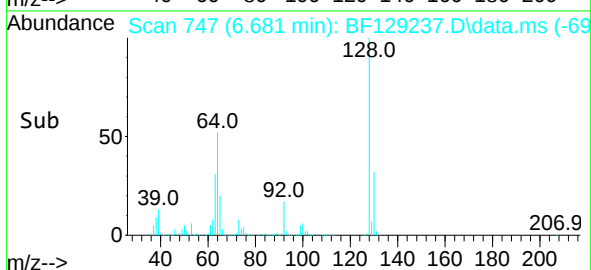
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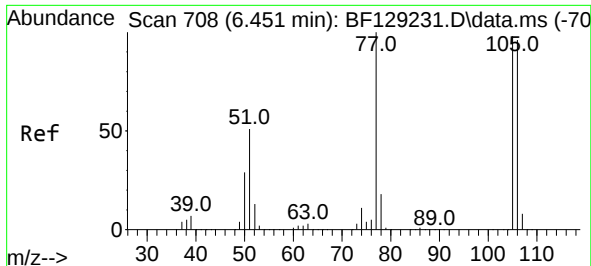


#8
2-Chlorophenol
Concen: 44.231 ng
RT: 6.681 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF129237.D
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Tgt Ion:128 Resp: 885137
Ion Ratio Lower Upper
128 100
130 32.4 13.1 53.1
64 51.9 30.9 70.9





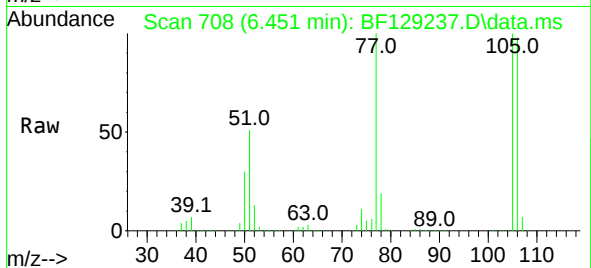
#9
Benzaldehyde
Concen: 33.389 ng
RT: 6.451 min Scan# 708
Delta R.T. 0.000 min
Lab File: BF129237.D
Acq: 15 Jul 2022 14:31

Instrument :

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ClientSampleId :

PB146243BS

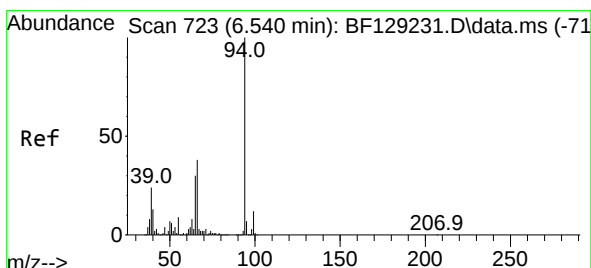
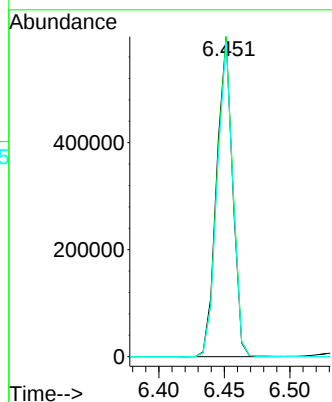
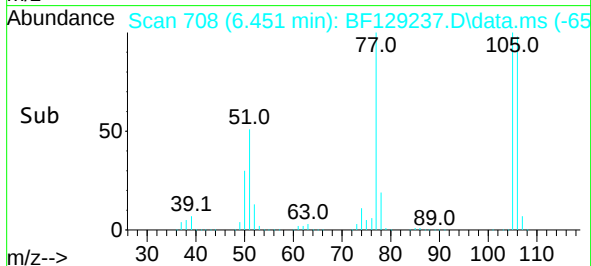


Tgt Ion: 77 Resp: 503662
Ion Ratio Lower Upper
77 100
105 100.0 81.6 121.6
106 98.4 76.1 116.1

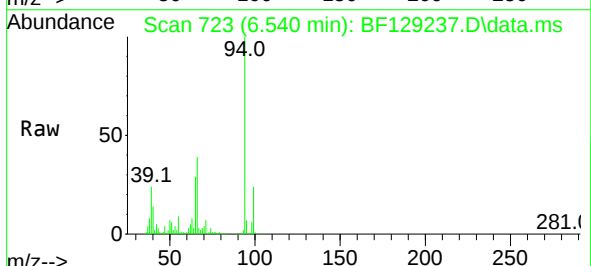
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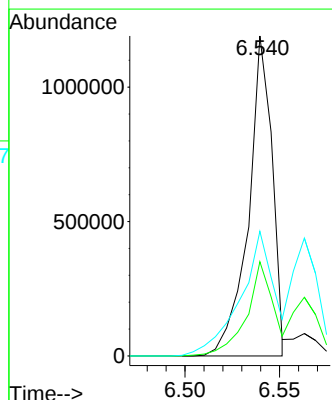
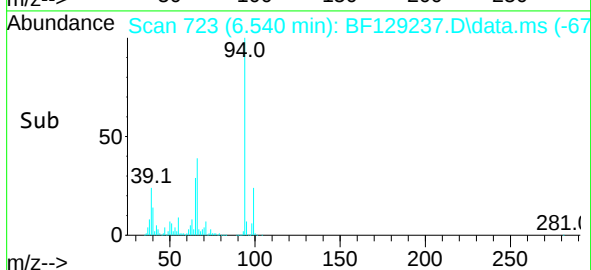
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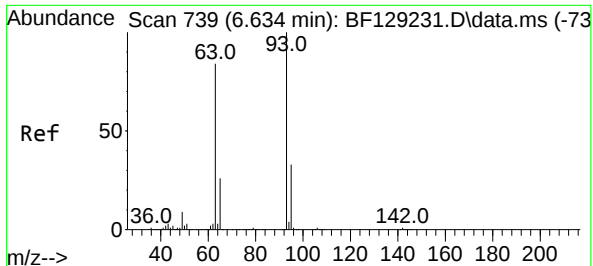


#10
Phenol
Concen: 42.027 ng m
RT: 6.540 min Scan# 723
Delta R.T. 0.000 min
Lab File: BF129237.D
Acq: 15 Jul 2022 14:31



Tgt Ion: 94 Resp: 1037688
Ion Ratio Lower Upper
94 100
65 29.5 11.4 51.4
66 39.0 21.4 61.4





#11

bis(2-Chloroethyl)ether

Concen: 41.840 ng

RT: 6.634 min Scan# 739

Delta R.T. 0.000 min

Lab File: BF129237.D

Acq: 15 Jul 2022 14:31

Instrument :

BNA_F

ClientSampleId :

PB146243BS

Tgt Ion: 93 Resp: 837862

Ion Ratio Lower Upper

93 100

63 81.3 67.4 107.4

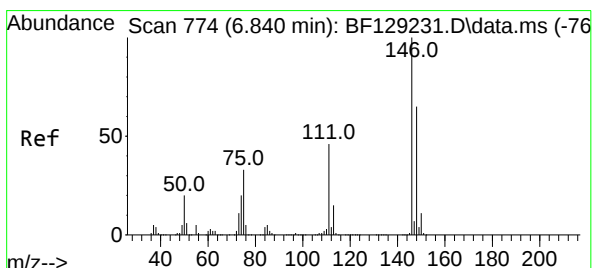
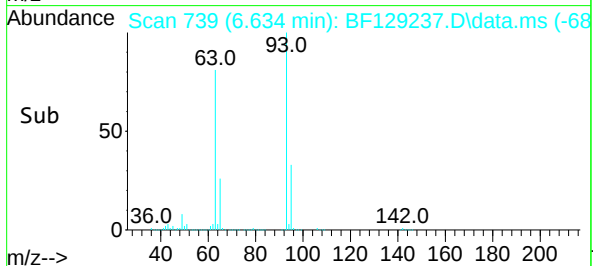
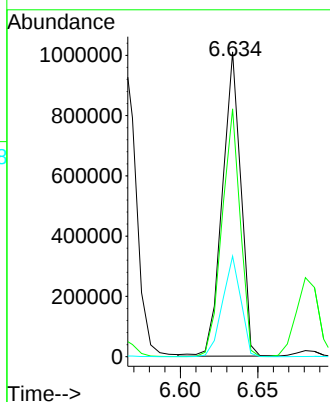
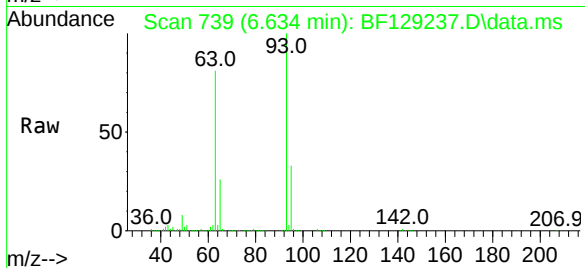
95 33.0 12.7 52.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/18/2022

Supervised By :Jagrut Upadhyay 07/18/2022



#12

1,3-Dichlorobenzene

Concen: 39.578 ng

RT: 6.840 min Scan# 774

Delta R.T. 0.000 min

Lab File: BF129237.D

Acq: 15 Jul 2022 14:31

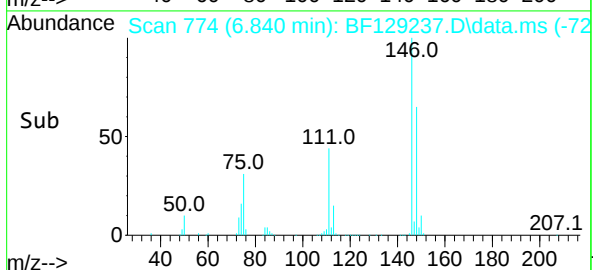
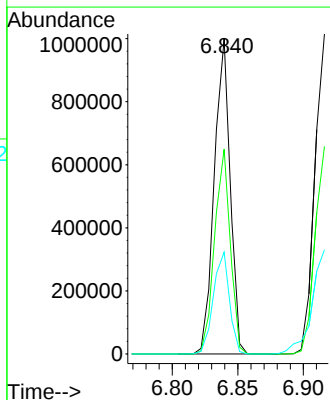
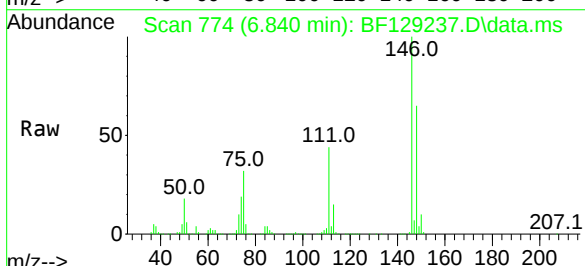
Tgt Ion:146 Resp: 842268

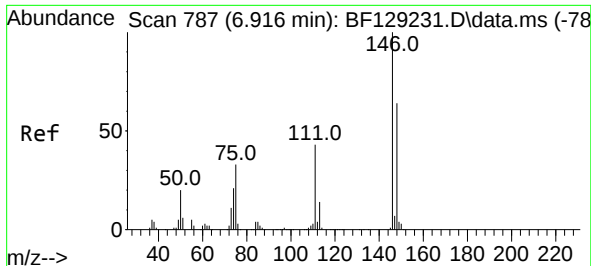
Ion Ratio Lower Upper

146 100

148 65.0 50.6 75.8

75 32.3 26.3 39.5





#13

1,4-Dichlorobenzene

Concen: 39.830 ng

RT: 6.916 min Scan# 787

Delta R.T. 0.000 min

Lab File: BF129237.D

Acq: 15 Jul 2022 14:31

Instrument :

BNA_F

ClientSampleId :

PB146243BS

Tgt Ion:146 Resp: 85733

Ion Ratio Lower Upper

146 100

148 64.9 51.1 76.7

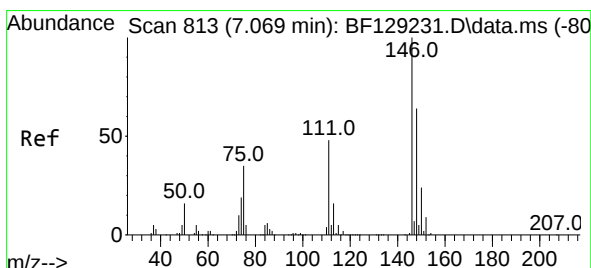
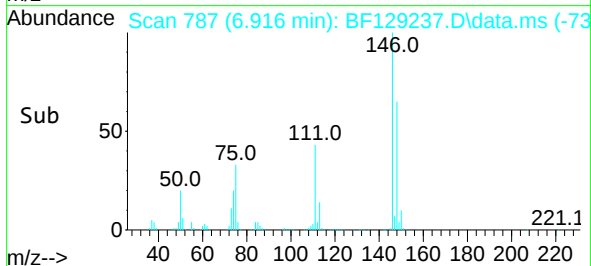
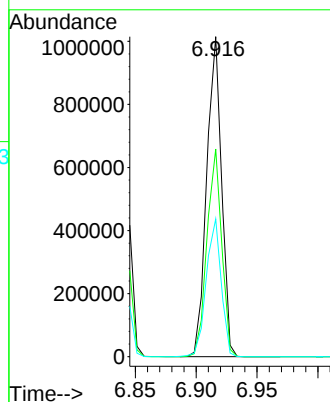
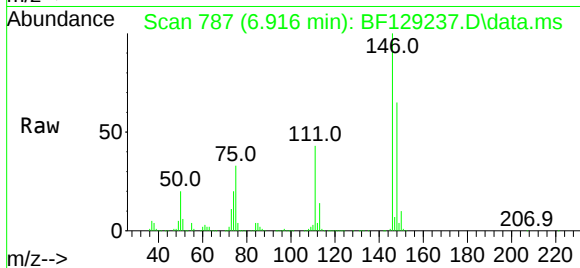
111 43.1 34.2 51.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/18/2022

Supervised By :Jagrut Upadhyay 07/18/2022



#14

1,2-Dichlorobenzene

Concen: 41.399 ng

RT: 7.069 min Scan# 813

Delta R.T. 0.000 min

Lab File: BF129237.D

Acq: 15 Jul 2022 14:31

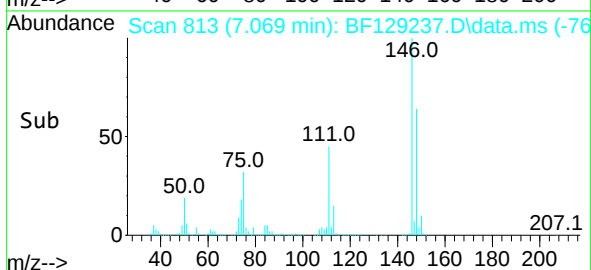
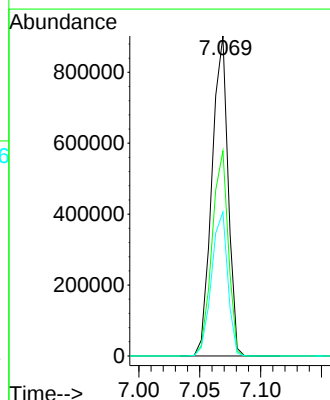
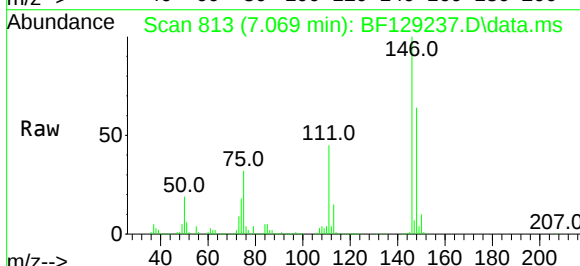
Tgt Ion:146 Resp: 830587

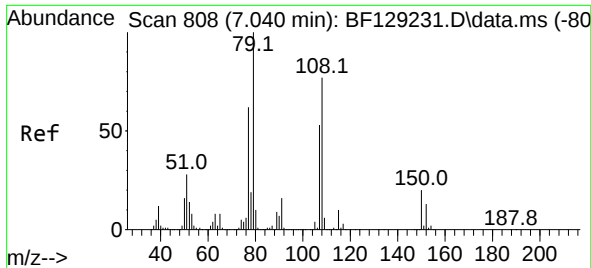
Ion Ratio Lower Upper

146 100

148 64.1 51.8 77.8

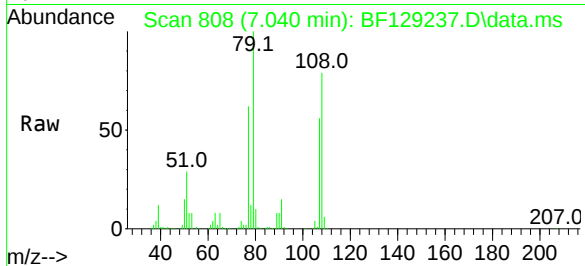
111 45.0 35.1 52.7





#15
Benzyl Alcohol
Concen: 44.699 ng
RT: 7.040 min Scan# 808
Delta R.T. 0.000 min
Lab File: BF129237.D
Acq: 15 Jul 2022 14:31

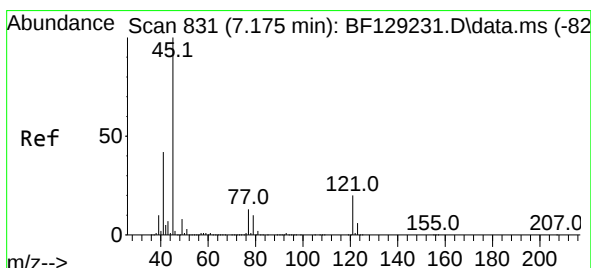
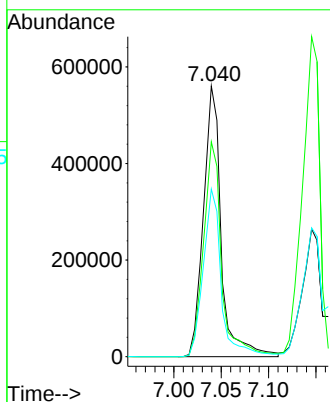
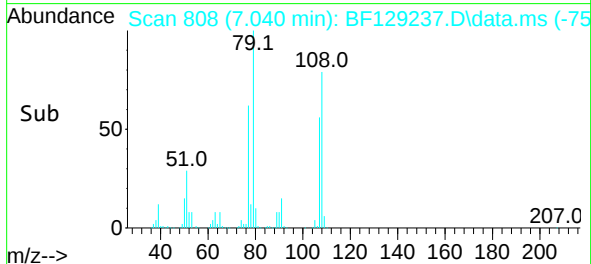
Instrument :
BNA_F
ClientSampleId :
PB146243BS



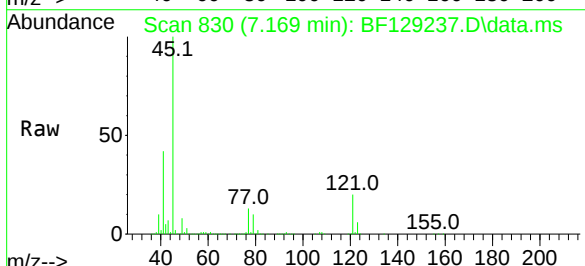
Tgt Ion: 79 Resp: 731715
Ion Ratio Lower Upper
79 100
108 79.4 61.8 92.6
77 61.9 50.2 75.4

Manual Integrations
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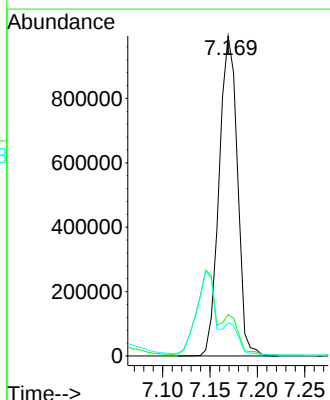
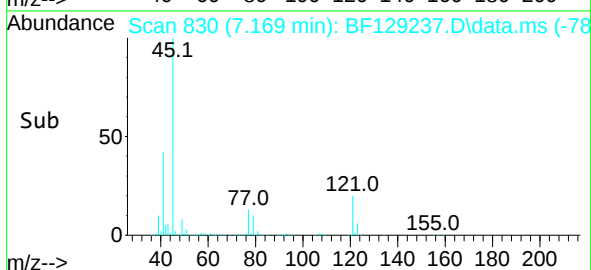
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

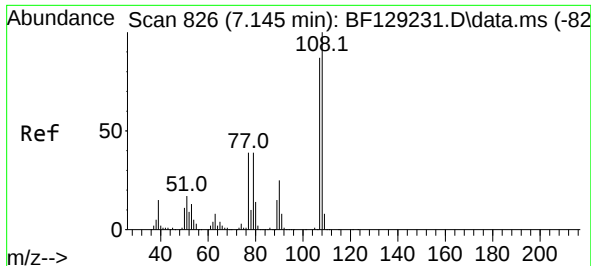


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.892 ng
RT: 7.169 min Scan# 830
Delta R.T. -0.006 min
Lab File: BF129237.D
Acq: 15 Jul 2022 14:31



Tgt Ion: 45 Resp: 1336697
Ion Ratio Lower Upper
45 100
77 12.9 0.0 31.3
79 10.4 0.0 28.3





#17

2-Methylphenol

Concen: 42.703 ng

RT: 7.145 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF129237.D

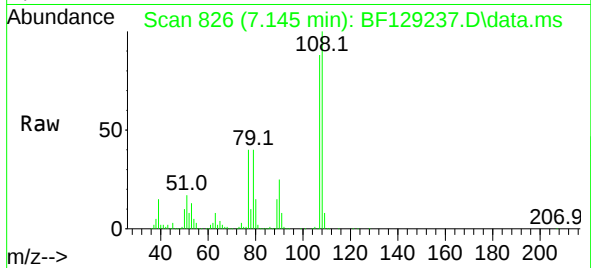
Acq: 15 Jul 2022 14:31

Instrument :

BNA_F

ClientSampleId :

PB146243BS



Tgt Ion:107 Resp: 718329

Ion Ratio Lower Upper

107 100

108 114.0 91.9 137.9

77 45.9 37.8 56.8

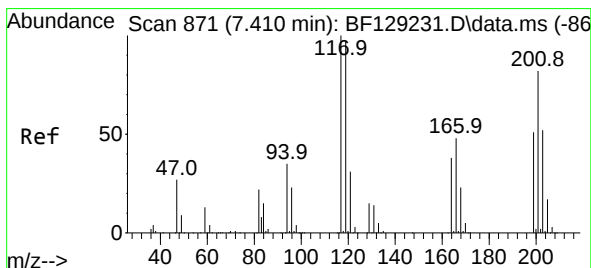
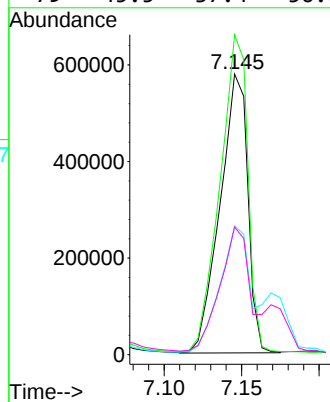
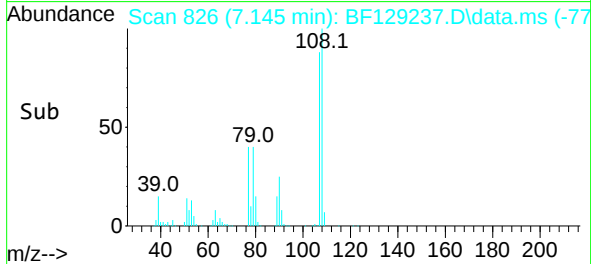
79 45.5 37.4 56.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/18/2022

Supervised By :Jagrut Upadhyay 07/18/2022



#18

Hexachloroethane

Concen: 41.231 ng

RT: 7.410 min Scan# 871

Delta R.T. 0.000 min

Lab File: BF129237.D

Acq: 15 Jul 2022 14:31

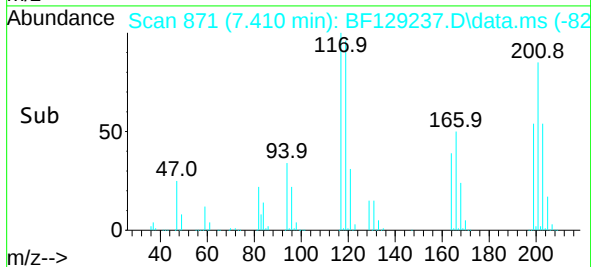
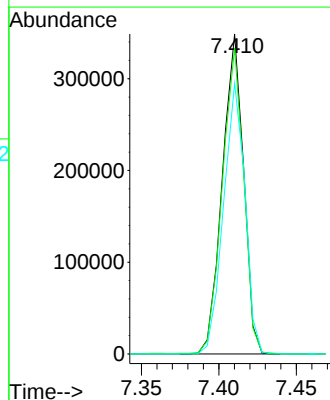
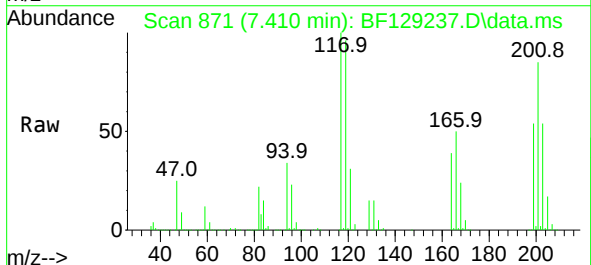
Tgt Ion:117 Resp: 331606

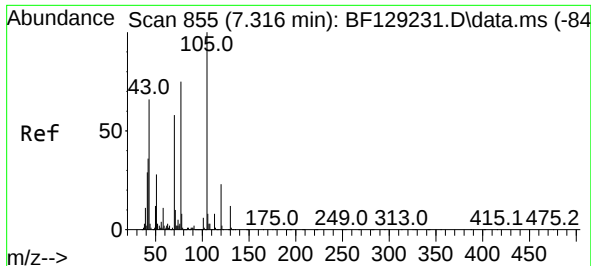
Ion Ratio Lower Upper

117 100

119 95.6 77.4 116.2

201 84.6 84.6 127.0#





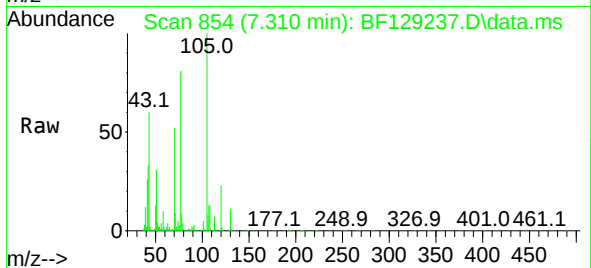
#19
n-Nitroso-di-n-propylamine
Concen: 42.127 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF129237.D
Acq: 15 Jul 2022 14:31

Instrument :

BNA_F

ClientSampleId :

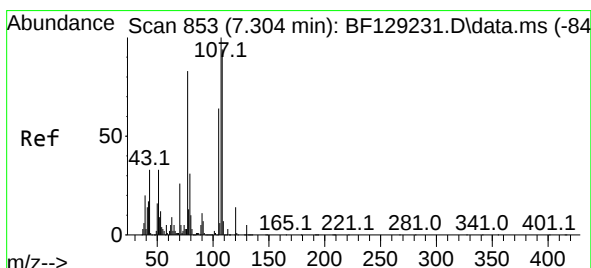
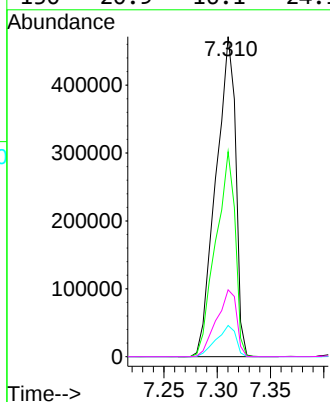
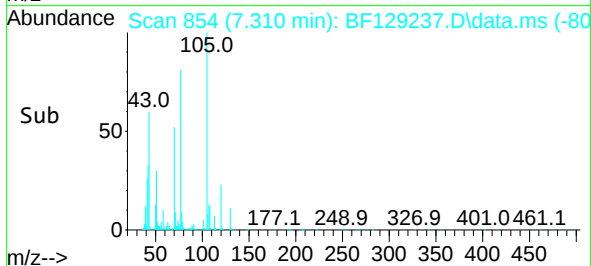
PB146243BS



Tgt Ion: 70 Resp: 60906
Ion Ratio Lower Upper
70 100
42 64.1 52.3 78.5
101 9.8 7.5 11.3
130 20.9 16.1 24.1

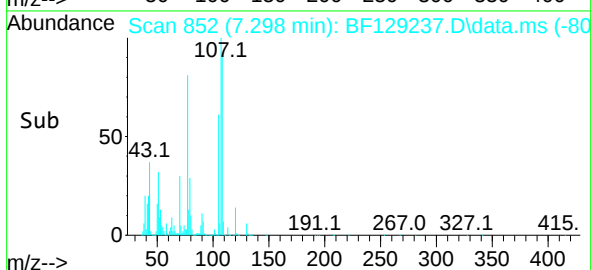
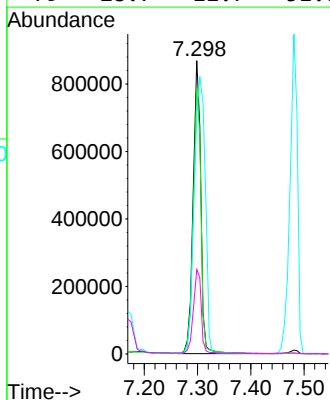
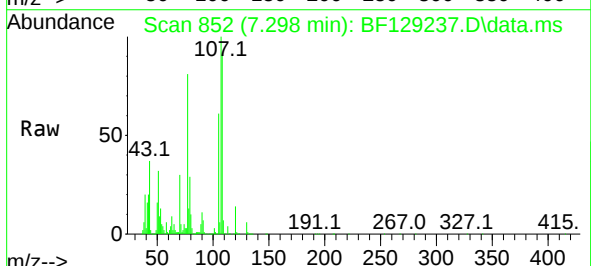
Manual Integrations
APPROVED

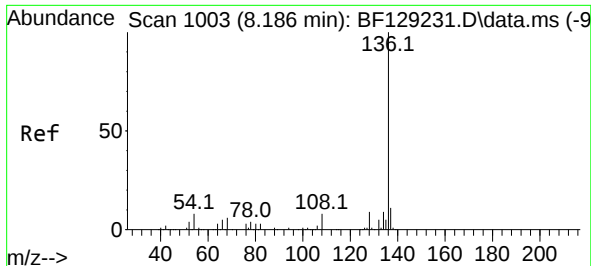
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#20
3+4-Methylphenols
Concen: 42.225 ng
RT: 7.298 min Scan# 852
Delta R.T. -0.006 min
Lab File: BF129237.D
Acq: 15 Jul 2022 14:31

Tgt Ion:107 Resp: 872994
Ion Ratio Lower Upper
107 100
108 90.6 71.8 111.8
77 80.9 59.3 99.3
79 28.7 11.7 51.7





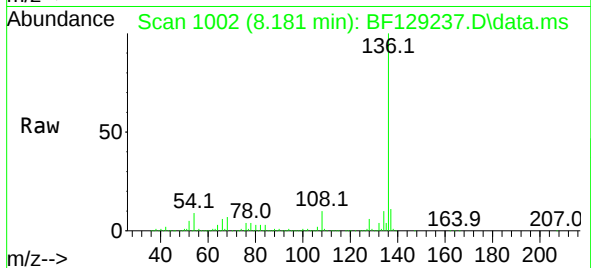
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BF129237.D
Acq: 15 Jul 2022 14:31

Instrument :

BNA_F

ClientSampleId :

PB146243BS

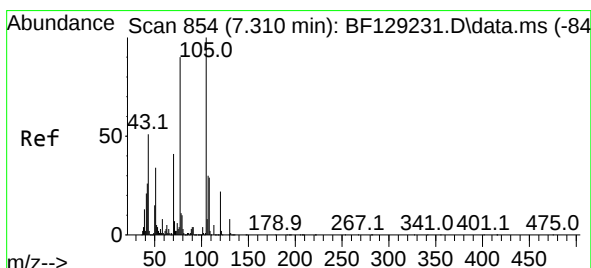
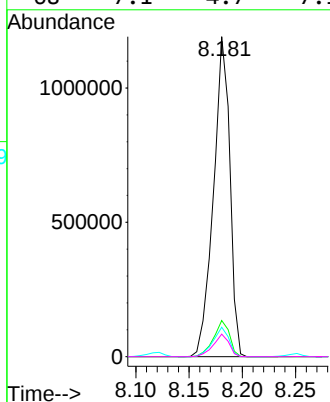
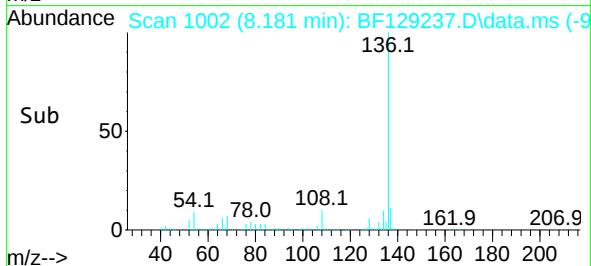


Tgt Ion:136 Resp: 1268740
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 9.2 7.5 11.3
68 7.1 4.7 7.1

Manual Integrations

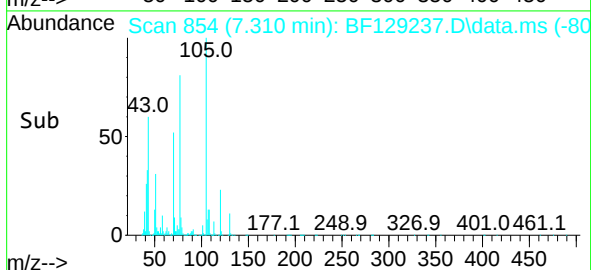
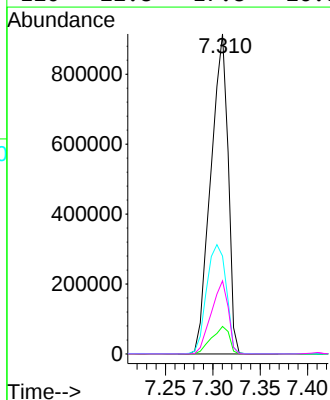
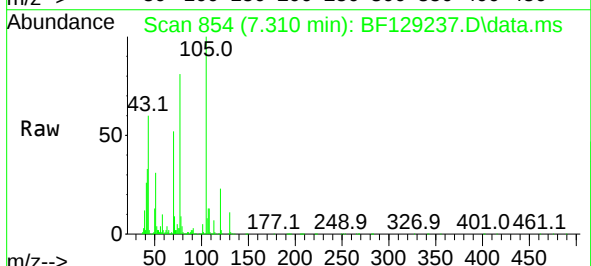
APPROVED

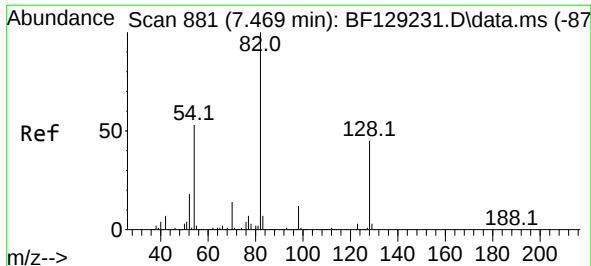
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#22
Acetophenone
Concen: 39.588 ng
RT: 7.310 min Scan# 854
Delta R.T. 0.000 min
Lab File: BF129237.D
Acq: 15 Jul 2022 14:31

Tgt Ion:105 Resp: 1159096
Ion Ratio Lower Upper
105 100
71 8.6 5.0 7.4#
51 30.6 25.0 37.4
120 22.8 17.8 26.8





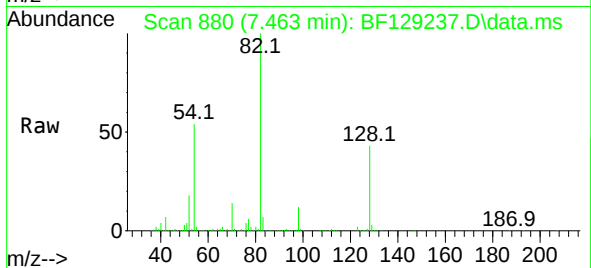
#23
Nitrobenzene-d5
Concen: 78.905 ng
RT: 7.463 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF129237.D
Acq: 15 Jul 2022 14:31

Instrument :

BNA_F

ClientSampleId :

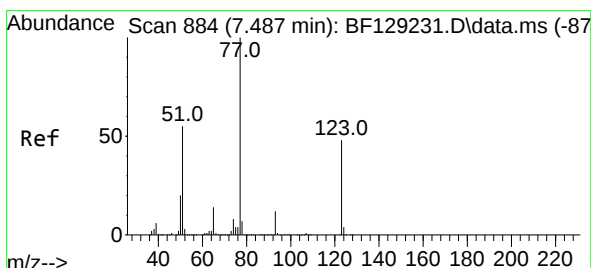
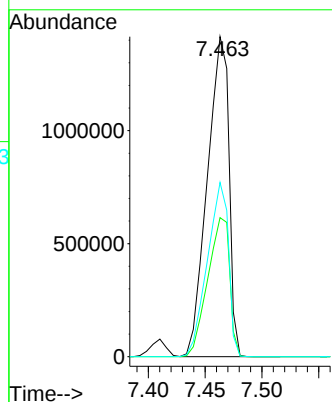
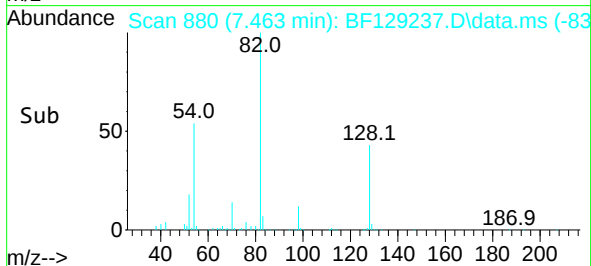
PB146243BS



Tgt Ion: 82 Resp: 187281
Ion Ratio Lower Upper
82 100
128 43.4 34.0 51.0
54 54.4 46.9 70.3

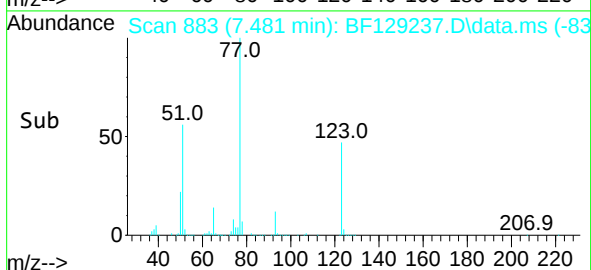
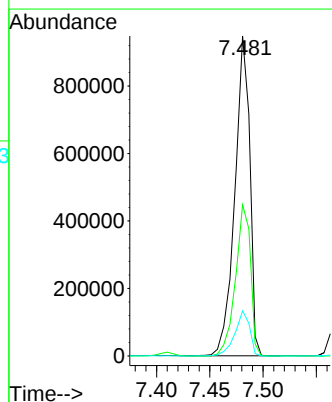
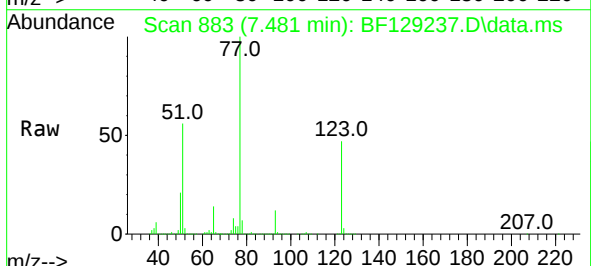
Manual Integrations
APPROVED

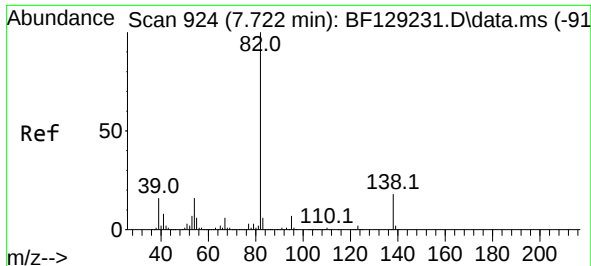
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#24
Nitrobenzene
Concen: 41.038 ng
RT: 7.481 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF129237.D
Acq: 15 Jul 2022 14:31

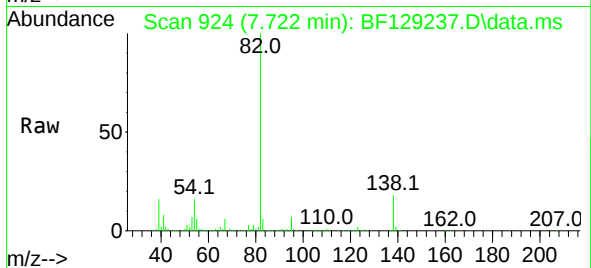
Tgt Ion: 77 Resp: 926557
Ion Ratio Lower Upper
77 100
123 47.3 35.4 53.2
65 14.1 11.8 17.8





#25
Isophorone
Concen: 44.407 ng
RT: 7.722 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF129237.D
Acq: 15 Jul 2022 14:31

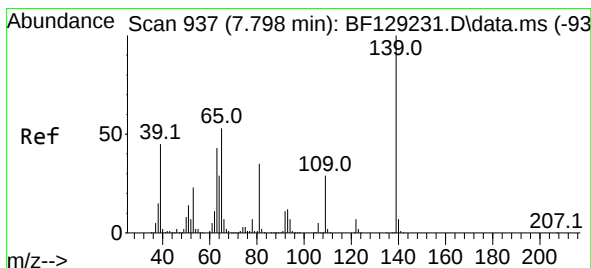
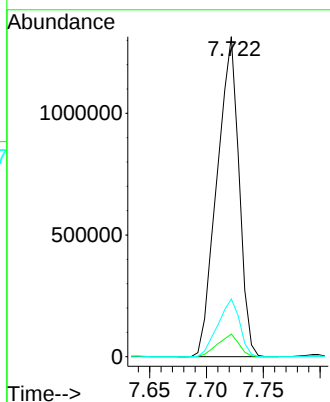
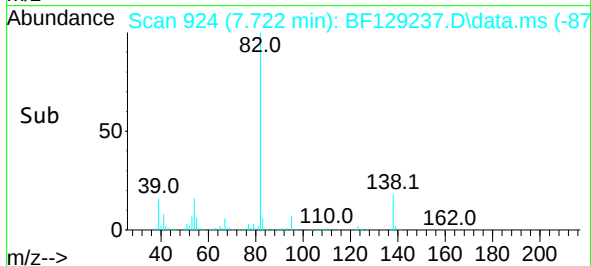
Instrument :
BNA_F
ClientSampleId :
PB146243BS



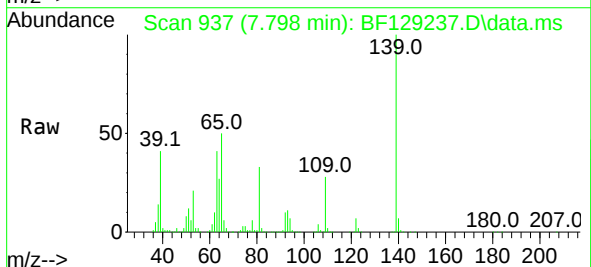
Tgt Ion: 82 Resp: 1771420
Ion Ratio Lower Upper
82 100
95 7.1 5.7 8.5
138 18.0 14.2 21.2

Manual Integrations
APPROVED

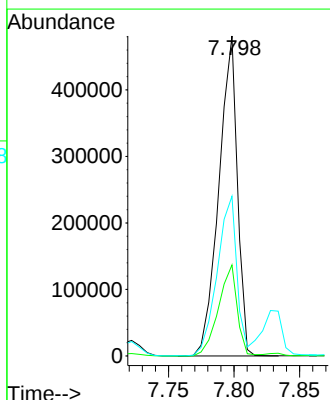
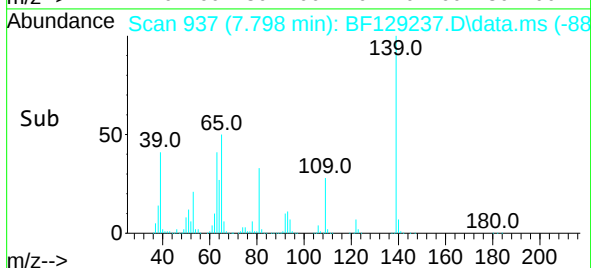
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

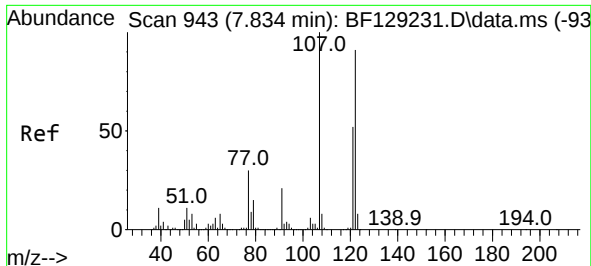


#26
2-Nitrophenol
Concen: 41.661 ng
RT: 7.798 min Scan# 937
Delta R.T. 0.000 min
Lab File: BF129237.D
Acq: 15 Jul 2022 14:31



Tgt Ion:139 Resp: 472496
Ion Ratio Lower Upper
139 100
109 28.5 25.0 37.4
65 49.9 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 47.409 ng

RT: 7.834 min Scan# 943

Delta R.T. 0.000 min

Lab File: BF129237.D

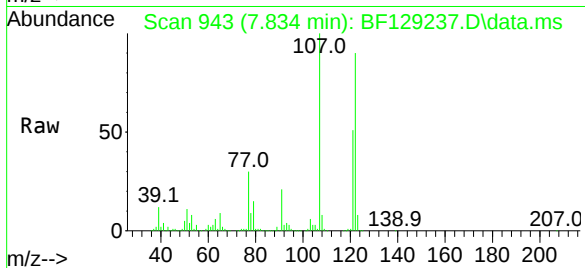
Acq: 15 Jul 2022 14:31

Instrument :

BNA_F

ClientSampleId :

PB146243BS



Tgt Ion:122 Resp: 836080

Ion Ratio Lower Upper

122 100

107 111.7 93.0 139.6

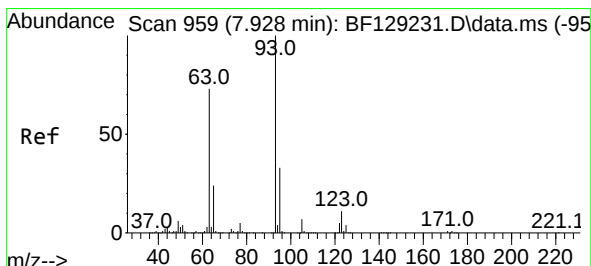
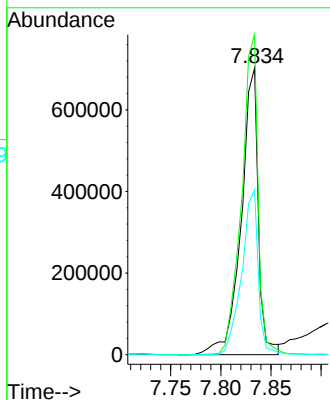
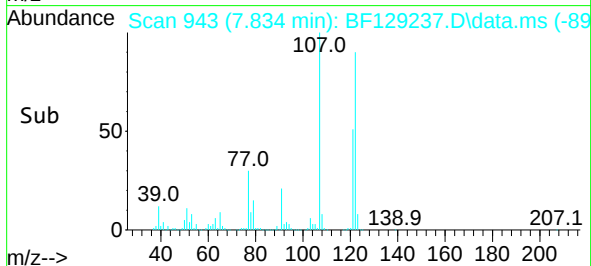
121 57.5 46.6 70.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/18/2022

Supervised By :Jagrut Upadhyay 07/18/2022



#28

bis(2-Chloroethoxy)methane

Concen: 40.214 ng

RT: 7.928 min Scan# 959

Delta R.T. 0.000 min

Lab File: BF129237.D

Acq: 15 Jul 2022 14:31

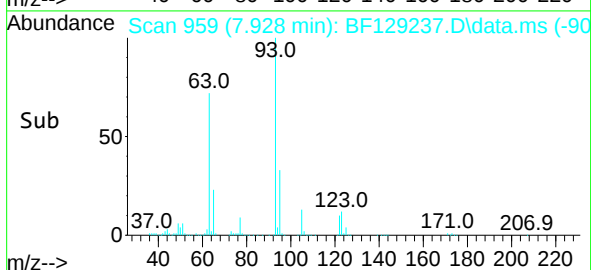
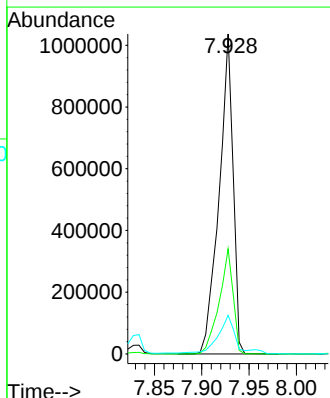
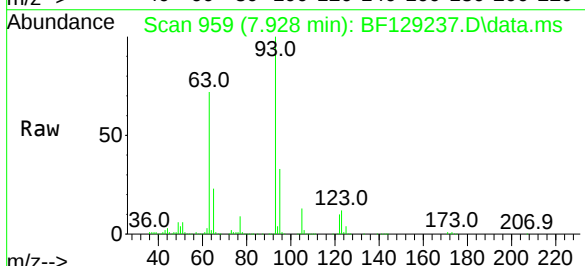
Tgt Ion: 93 Resp: 1068547

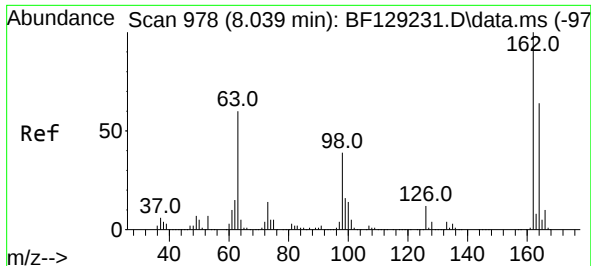
Ion Ratio Lower Upper

93 100

95 32.9 26.8 40.2

123 12.0 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 42.000 ng

RT: 8.039 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF129237.D

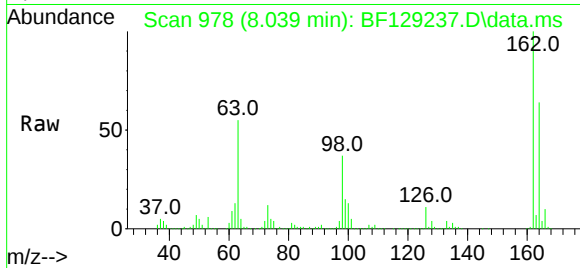
Acq: 15 Jul 2022 14:31

Instrument :

BNA_F

ClientSampleId :

PB146243BS



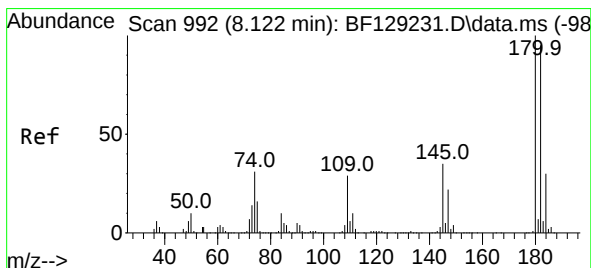
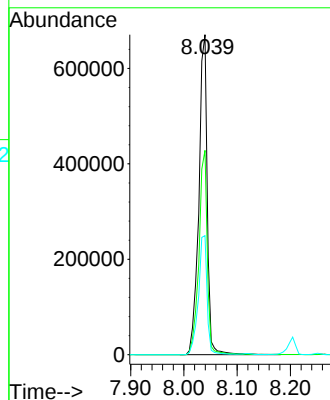
Tgt Ion:162 Resp: 736350

Ion	Ratio	Lower	Upper
162	100		
164	63.9	44.2	84.2
98	37.2	19.6	59.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#30

1,2,4-Trichlorobenzene

Concen: 38.346 ng

RT: 8.122 min Scan# 992

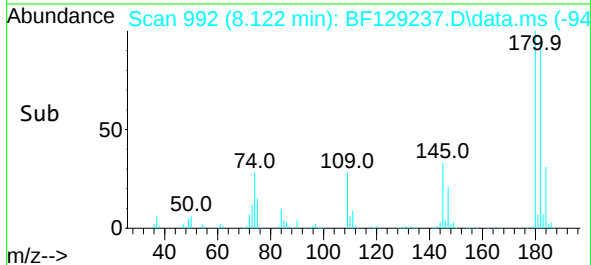
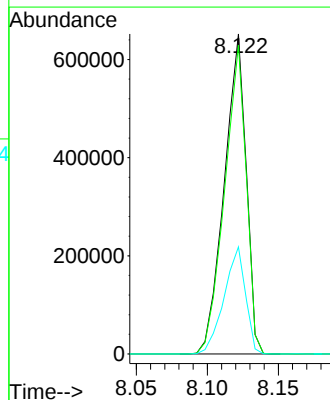
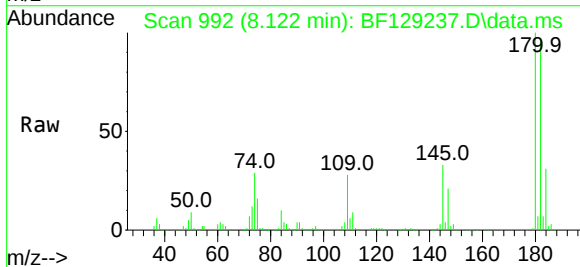
Delta R.T. 0.000 min

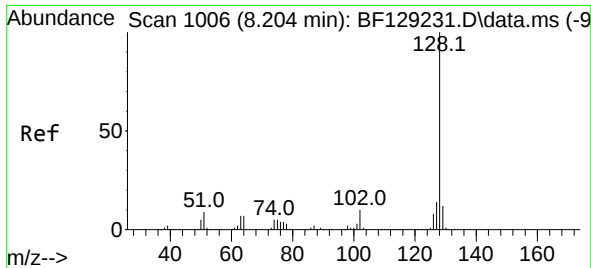
Lab File: BF129237.D

Acq: 15 Jul 2022 14:31

Tgt Ion:180 Resp: 697602

Ion	Ratio	Lower	Upper
180	100		
182	96.6	79.2	118.8
145	33.4	26.2	39.2





#31

Naphthalene

Concen: 40.606 ng

RT: 8.204 min Scan# 1006

Delta R.T. 0.000 min

Lab File: BF129237.D

Acq: 15 Jul 2022 14:31

Instrument :

BNA_F

ClientSampleId :

PB146243BS

Tgt Ion:128 Resp: 2440860

Ion Ratio Lower Upper

128 100

129 11.9 9.2 13.8

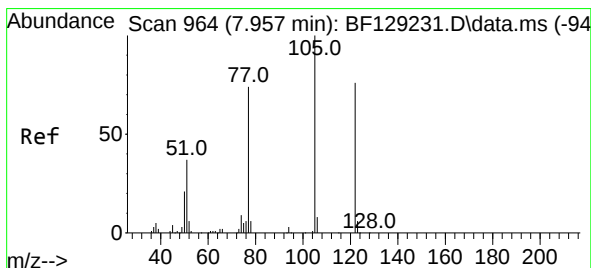
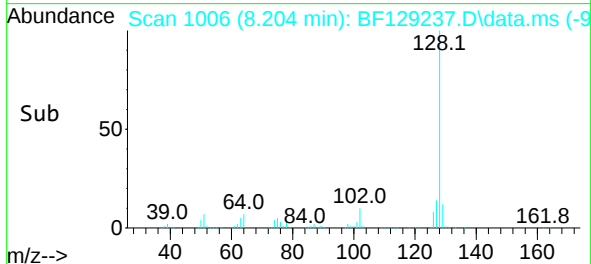
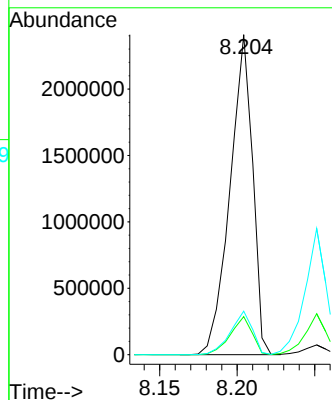
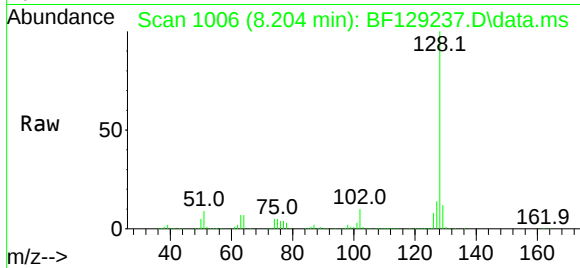
127 13.6 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/18/2022

Supervised By :Jagrut Upadhyay 07/18/2022



#32

Benzoic acid

Concen: 42.639 ng

RT: 7.957 min Scan# 964

Delta R.T. 0.000 min

Lab File: BF129237.D

Acq: 15 Jul 2022 14:31

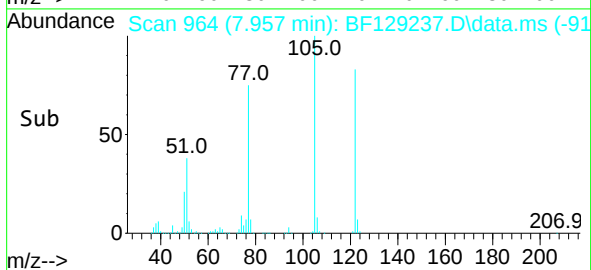
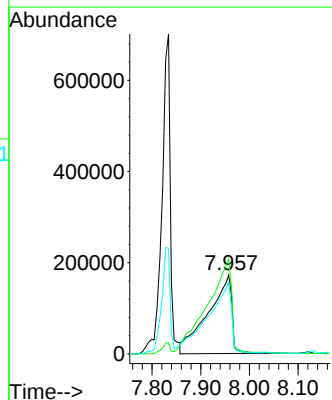
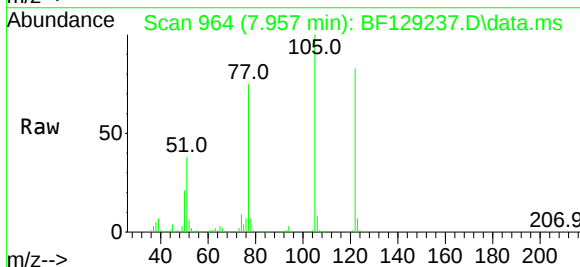
Tgt Ion:122 Resp: 584025

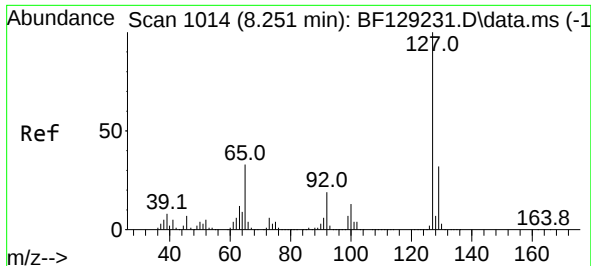
Ion Ratio Lower Upper

122 100

105 120.4 107.1 147.1

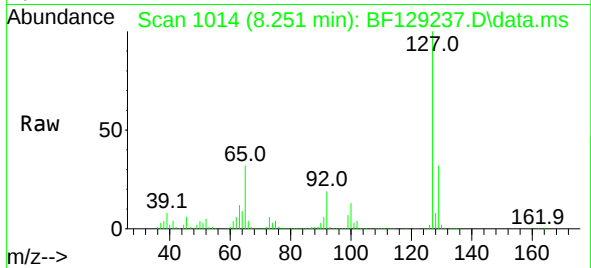
77 90.6 74.2 114.2





#33
4-Chloroaniline
Concen: 36.864 ng
RT: 8.251 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BF129237.D
Acq: 15 Jul 2022 14:31

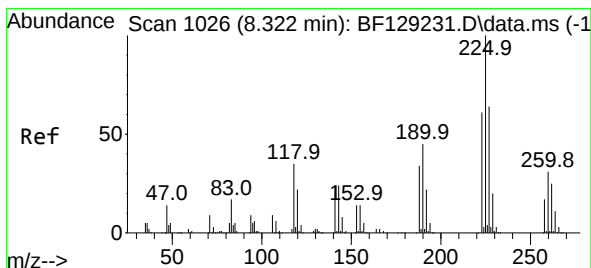
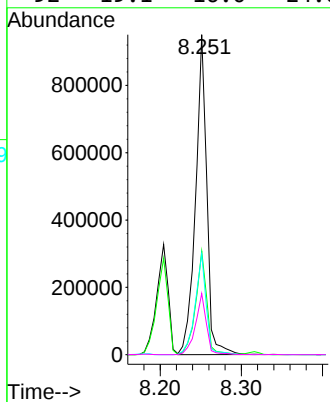
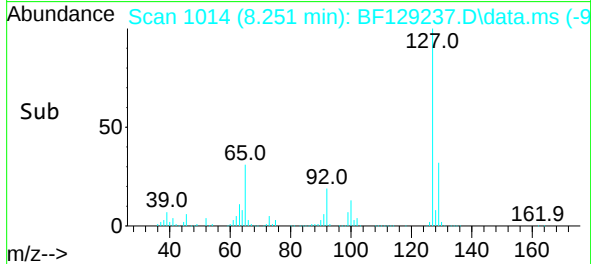
Instrument :
BNA_F
ClientSampleId :
PB146243BS



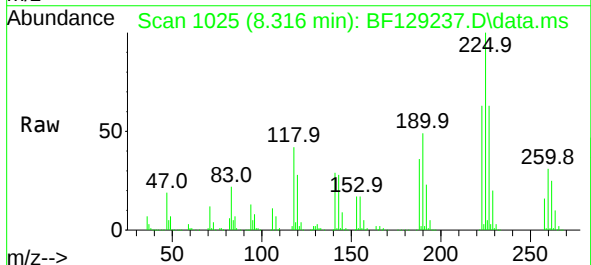
Tgt Ion:127 Resp: 91895
Ion Ratio Lower Upper
127 100
129 32.4 26.4 39.6
65 31.5 26.4 39.6
92 19.1 16.0 24.0

Manual Integrations
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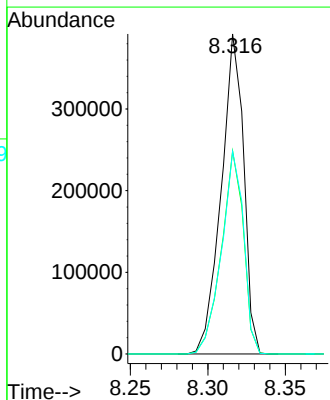
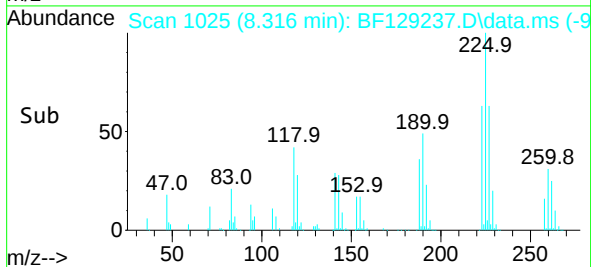
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

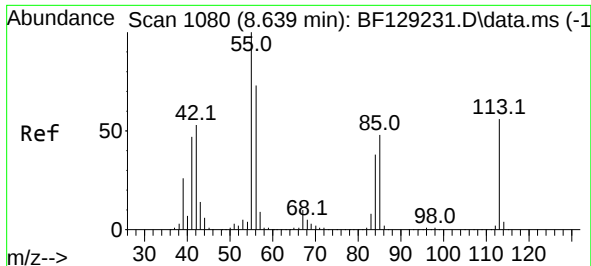


#34
Hexachlorobutadiene
Concen: 38.532 ng
RT: 8.316 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF129237.D
Acq: 15 Jul 2022 14:31



Tgt Ion:225 Resp: 394364
Ion Ratio Lower Upper
225 100
223 63.5 51.0 76.6
227 63.3 51.1 76.7





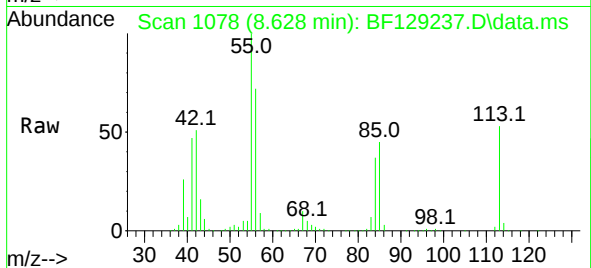
#35
 Caprolactam
 Concen: 44.602 ng m
 RT: 8.628 min Scan# 1078
 Delta R.T. -0.012 min
 Lab File: BF129237.D
 Acq: 15 Jul 2022 14:31

Instrument :

BNA_F

ClientSampleId :

PB146243BS

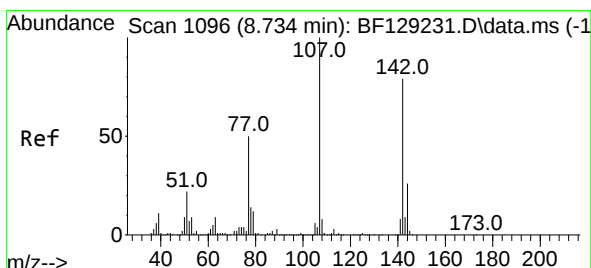
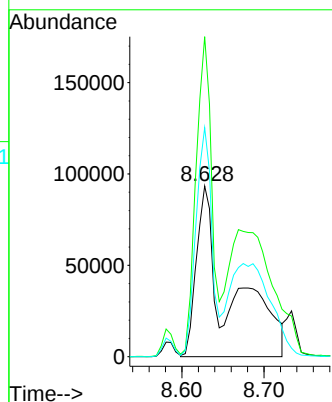
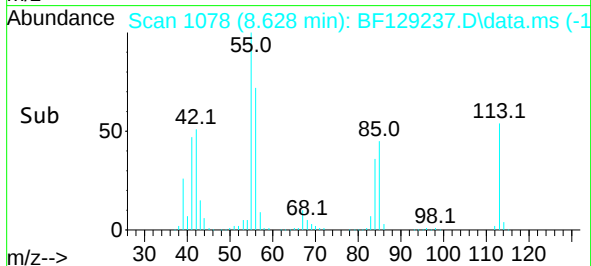


Tgt Ion:113 Resp: 259762
 Ion Ratio Lower Upper
 113 100
 55 187.4 188.5 228.5
 56 134.1 130.6 170.6

Manual Integrations

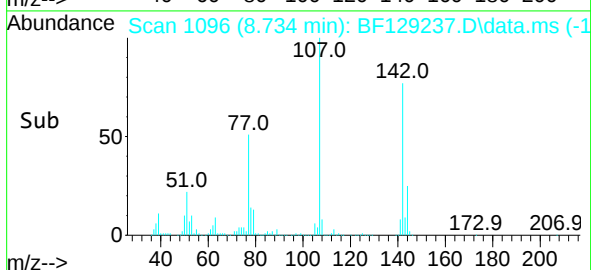
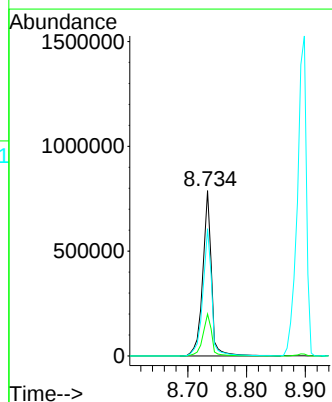
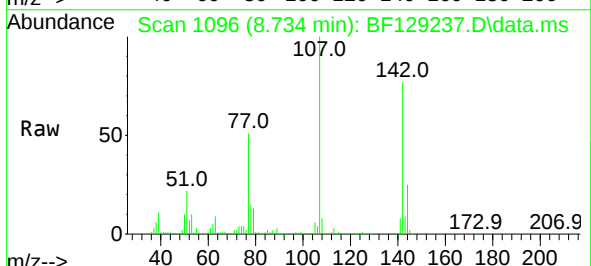
APPROVED

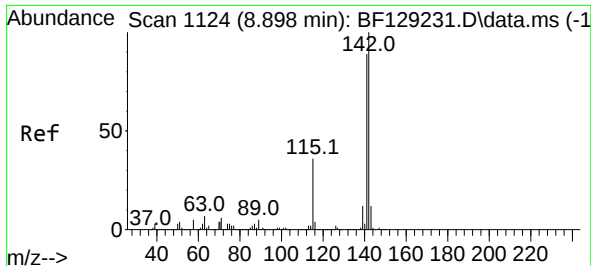
Reviewed By :Christian Giraldo 07/18/2022
 Supervised By :Jagrut Upadhyay 07/18/2022



#36
 4-Chloro-3-methylphenol
 Concen: 42.591 ng
 RT: 8.734 min Scan# 1096
 Delta R.T. 0.000 min
 Lab File: BF129237.D
 Acq: 15 Jul 2022 14:31

Tgt Ion:107 Resp: 814581
 Ion Ratio Lower Upper
 107 100
 144 25.3 19.5 29.3
 142 77.0 58.2 87.4





#37

2-Methylnaphthalene

Concen: 41.622 ng

RT: 8.898 min Scan# 1124

Delta R.T. 0.000 min

Lab File: BF129237.D

Acq: 15 Jul 2022 14:31

Instrument :

BNA_F

ClientSampleId :

PB146243BS

Tgt Ion:142 Resp: 163071

Ion Ratio Lower Upper

142 100

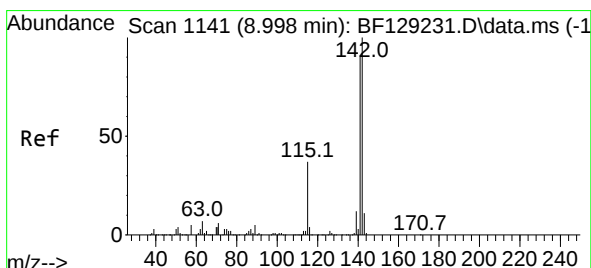
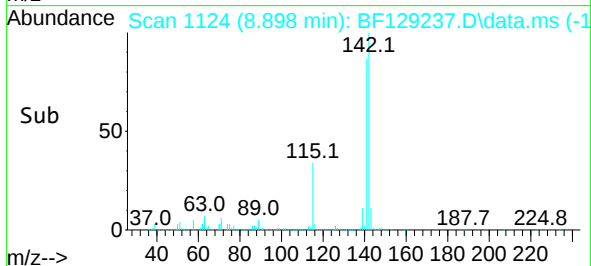
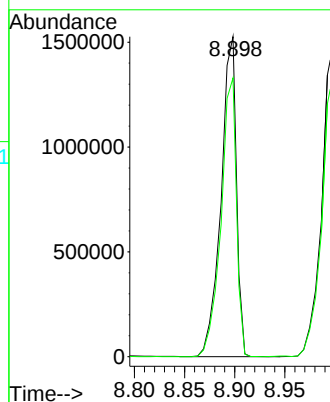
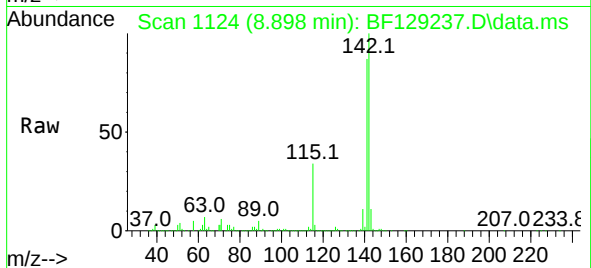
141 87.1 71.0 106.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/18/2022

Supervised By :Jagrut Upadhyay 07/18/2022



#38

1-Methylnaphthalene

Concen: 40.817 ng

RT: 8.998 min Scan# 1141

Delta R.T. 0.000 min

Lab File: BF129237.D

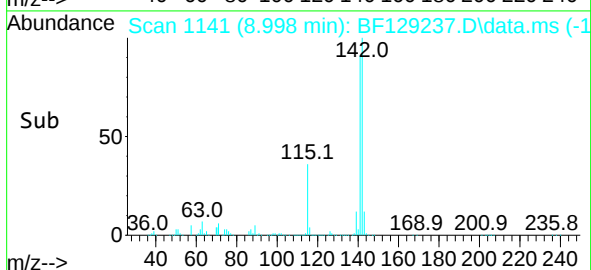
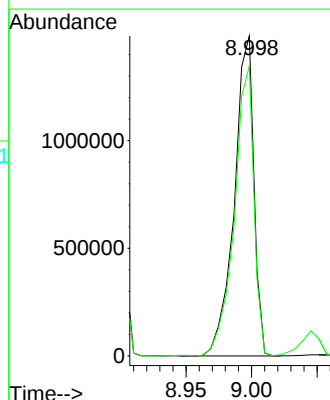
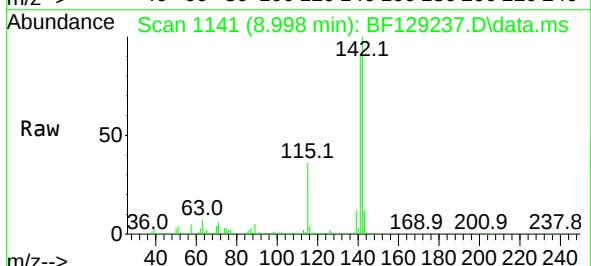
Acq: 15 Jul 2022 14:31

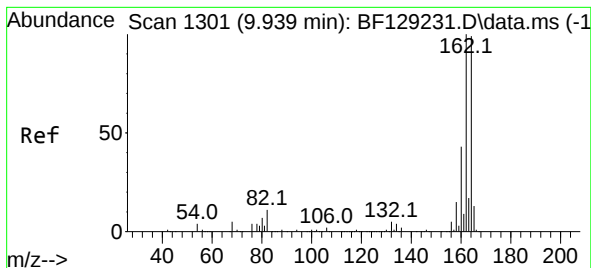
Tgt Ion:142 Resp: 1546535

Ion Ratio Lower Upper

142 100

141 90.5 74.2 111.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF129237.D

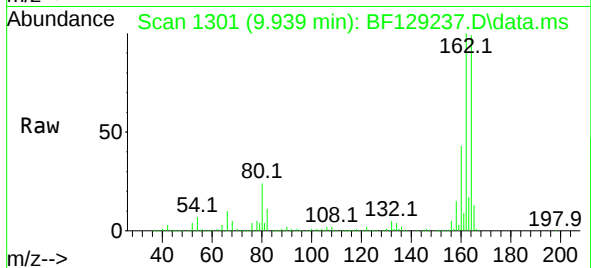
Acq: 15 Jul 2022 14:31

Instrument :

BNA_F

ClientSampleId :

PB146243BS



Tgt Ion:164 Resp: 667880

Ion Ratio Lower Upper

164 100

162 101.4 79.5 119.3

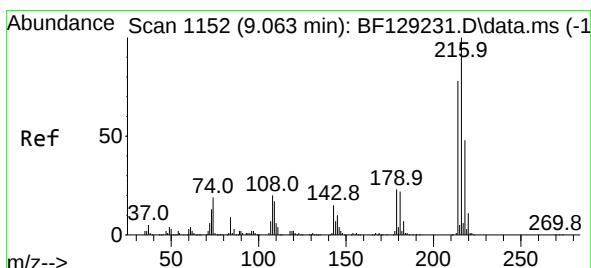
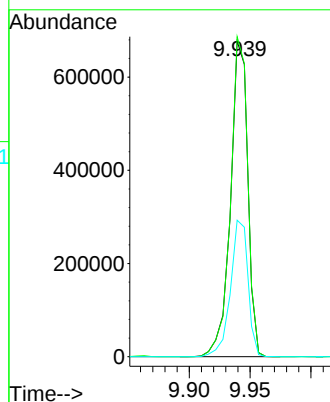
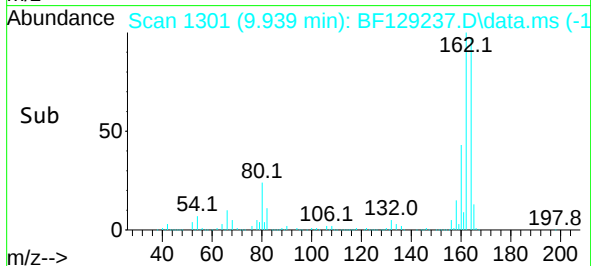
160 43.3 34.2 51.4

Manual Integrations

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Reviewed By :Christian Giraldo 07/18/2022

Supervised By :Jagrut Upadhyay 07/18/2022



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.221 ng

RT: 9.063 min Scan# 1152

Delta R.T. 0.000 min

Lab File: BF129237.D

Acq: 15 Jul 2022 14:31

Tgt Ion:216 Resp: 651263

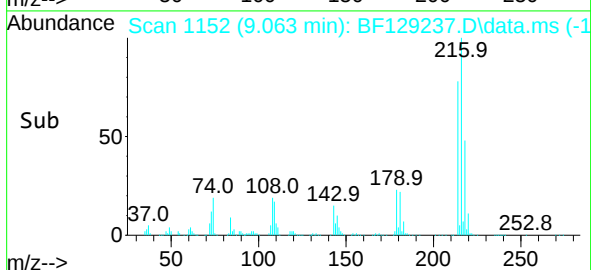
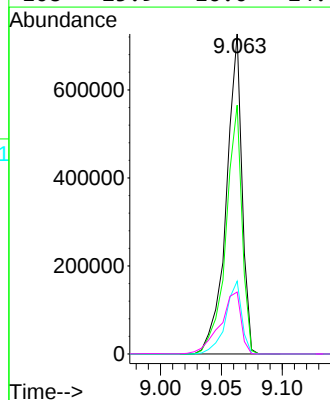
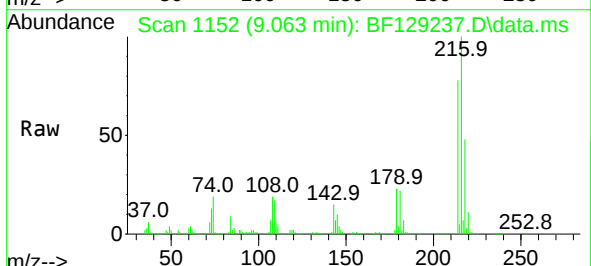
Ion Ratio Lower Upper

216 100

214 79.4 63.6 95.4

179 23.3 17.0 25.6

108 25.9 16.0 24.0#





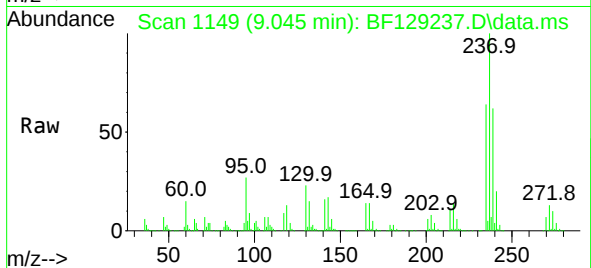
#41
Hexachlorocyclopentadiene
Concen: 96.701 ng
RT: 9.045 min Scan# 1149
Delta R.T. 0.000 min
Lab File: BF129237.D
Acq: 15 Jul 2022 14:31

Instrument :

BNA_F

ClientSampleId :

PB146243BS

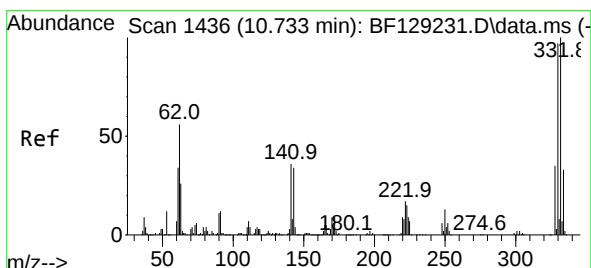
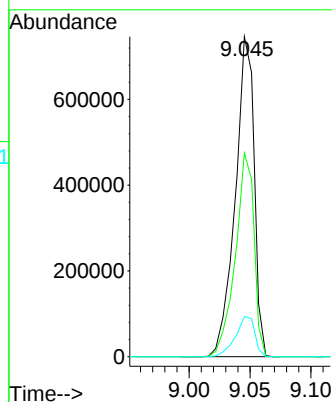
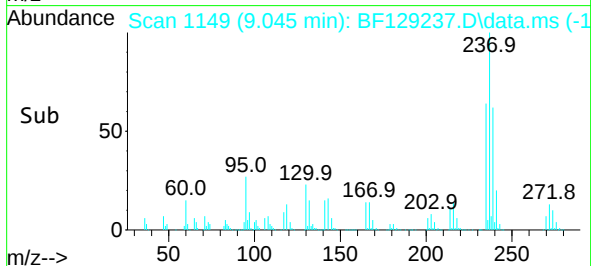


Tgt Ion:237 Resp: 808035
Ion Ratio Lower Upper
237 100
235 63.7 43.2 83.2
272 12.6 0.0 31.9

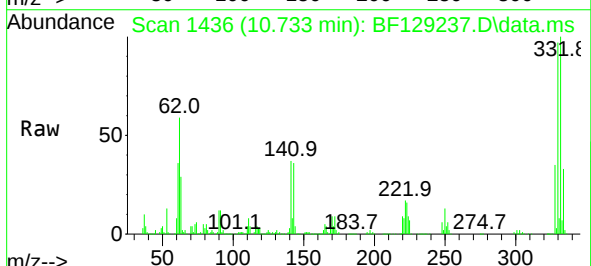
Manual Integrations

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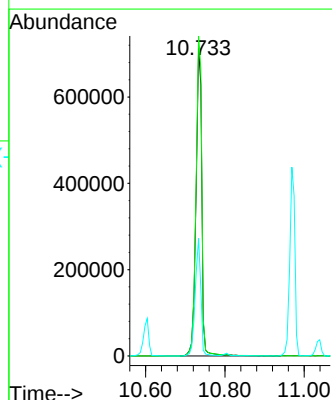
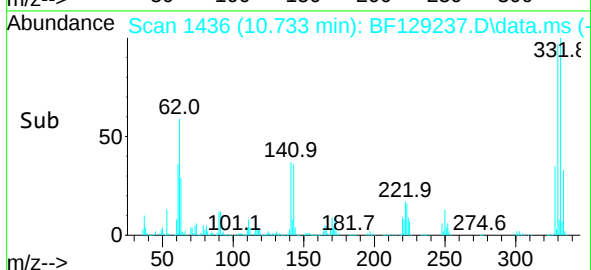
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

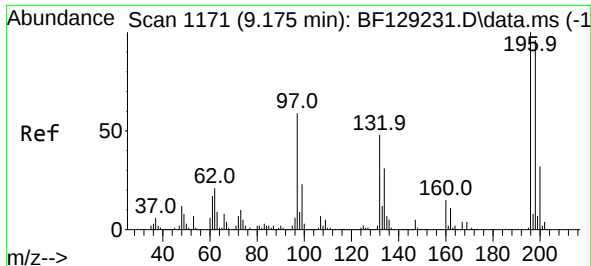


#42
2,4,6-Tribromophenol
Concen: 117.776 ng
RT: 10.733 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF129237.D
Acq: 15 Jul 2022 14:31



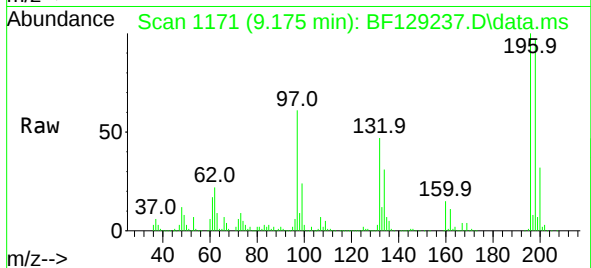
Tgt Ion:330 Resp: 730103
Ion Ratio Lower Upper
330 100
332 103.5 76.8 115.2
141 37.0 28.0 42.0





#43
2,4,6-Trichlorophenol
Concen: 40.512 ng
RT: 9.175 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BF129237.D
Acq: 15 Jul 2022 14:31

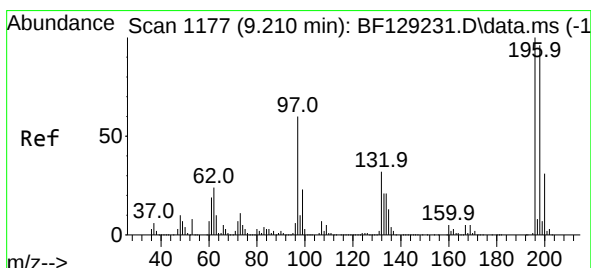
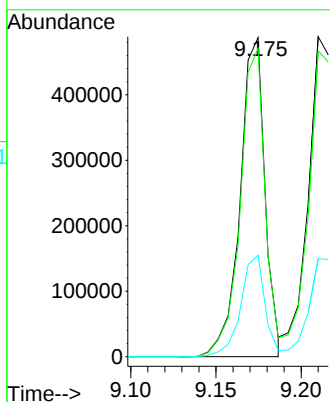
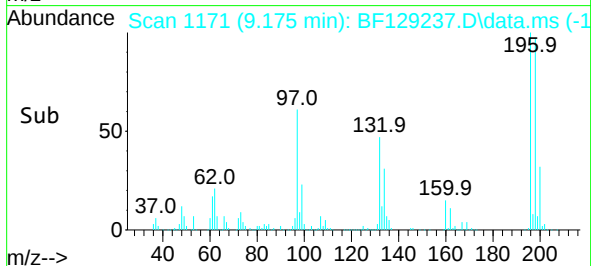
Instrument :
BNA_F
ClientSampleId :
PB146243BS



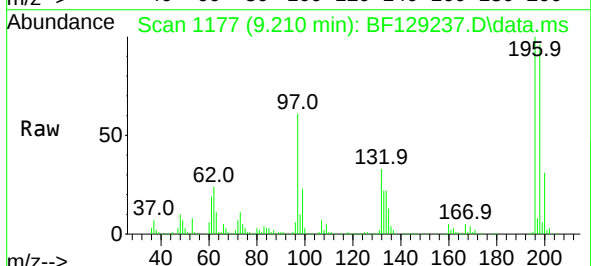
Tgt Ion:196 Resp: 495348
Ion Ratio Lower Upper
196 100
198 96.6 74.0 111.0
200 31.8 24.1 36.1

Manual Integrations
APPROVED

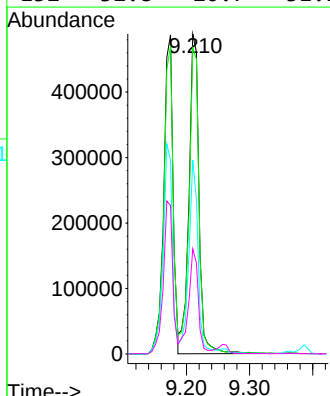
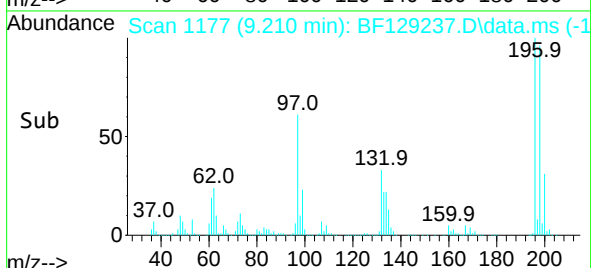
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

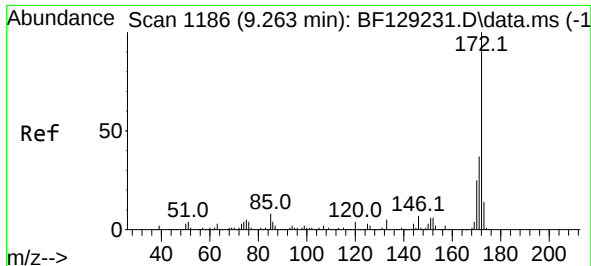


#44
2,4,5-Trichlorophenol
Concen: 42.071 ng
RT: 9.210 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF129237.D
Acq: 15 Jul 2022 14:31



Tgt Ion:196 Resp: 544146
Ion Ratio Lower Upper
196 100
198 95.5 75.7 113.5
97 60.6 36.4 54.6#
132 32.8 20.7 31.1#





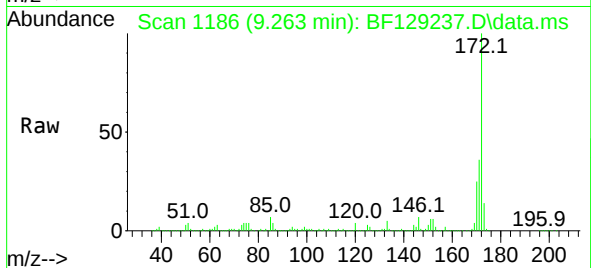
#45
2-Fluorobiphenyl
Concen: 78.871 ng
RT: 9.263 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BF129237.D
Acq: 15 Jul 2022 14:31

Instrument :

BNA_F

ClientSampleId :

PB146243BS

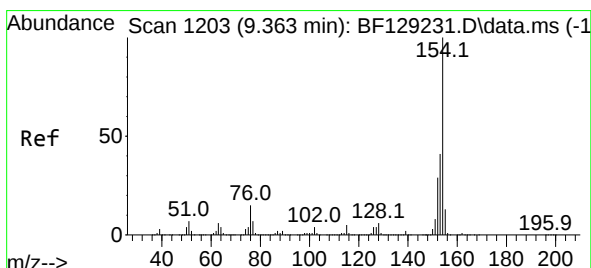
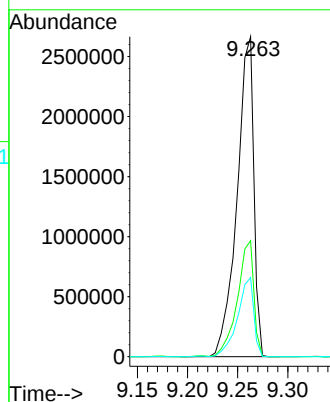
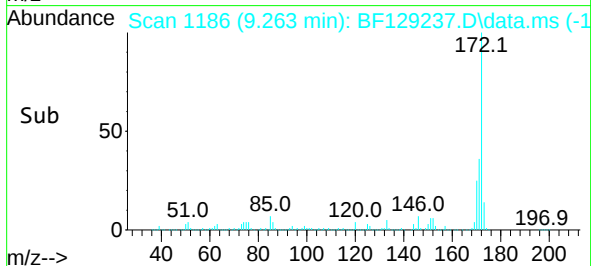


Tgt Ion:172 Resp: 3109230
Ion Ratio Lower Upper
172 100
171 36.2 28.8 43.2
170 24.7 19.8 29.8

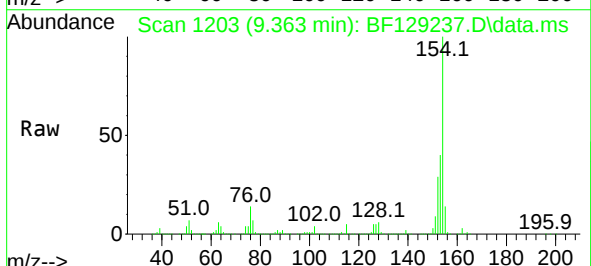
Manual Integrations

APPROVED

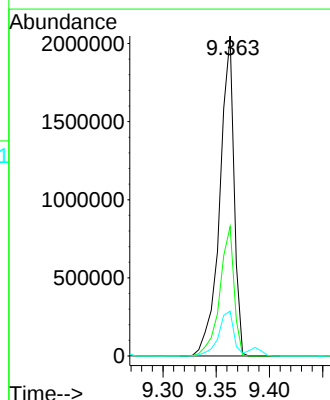
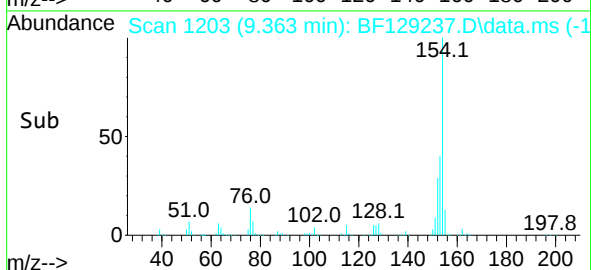
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

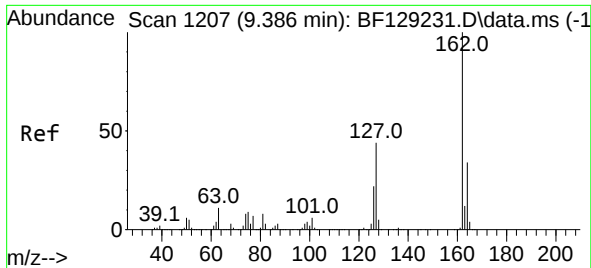


#46
1,1'-Biphenyl
Concen: 40.252 ng
RT: 9.363 min Scan# 1203
Delta R.T. 0.000 min
Lab File: BF129237.D
Acq: 15 Jul 2022 14:31



Tgt Ion:154 Resp: 1901486
Ion Ratio Lower Upper
154 100
153 40.4 20.6 60.6
76 14.0 0.0 33.3





#47
2-Chloronaphthalene
Concen: 40.888 ng
RT: 9.386 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BF129237.D
Acq: 15 Jul 2022 14:31

Instrument :

BNA_F

ClientSampleId :

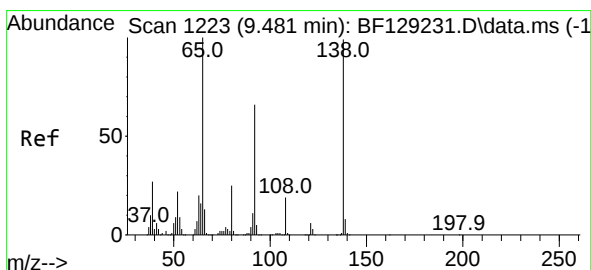
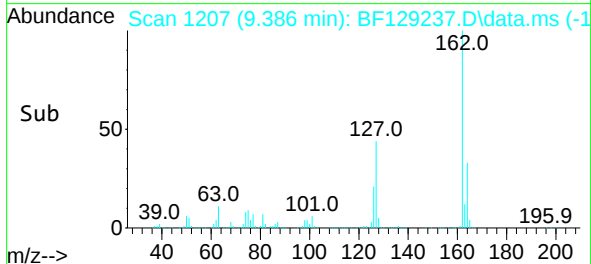
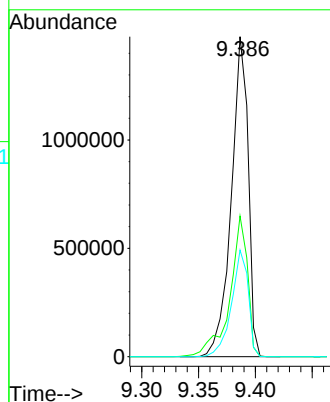
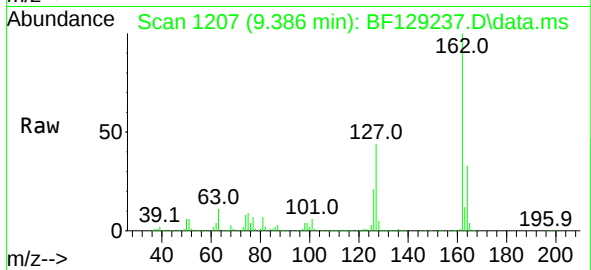
PB146243BS

Tgt Ion:162 Resp: 152136
Ion Ratio Lower Upper
162 100
127 44.0 34.5 51.7
164 33.3 26.5 39.7

Manual Integrations

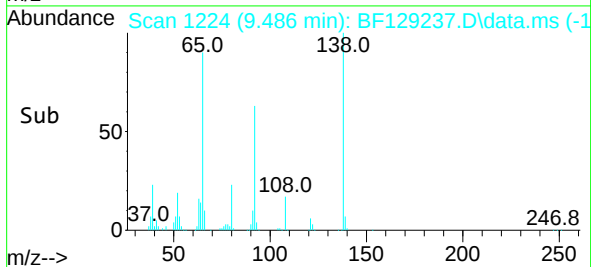
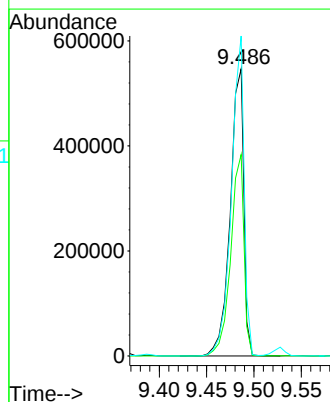
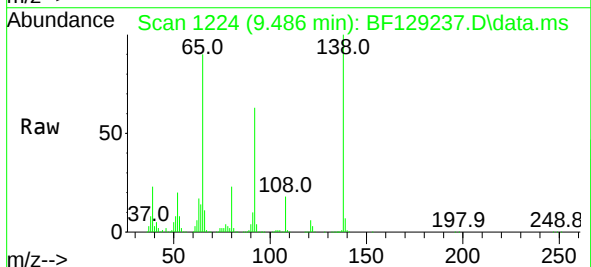
APPROVED

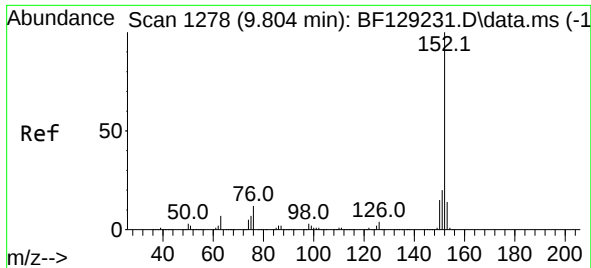
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#48
2-Nitroaniline
Concen: 43.523 ng
RT: 9.486 min Scan# 1224
Delta R.T. 0.006 min
Lab File: BF129237.D
Acq: 15 Jul 2022 14:31

Tgt Ion: 65 Resp: 544068
Ion Ratio Lower Upper
65 100
92 70.2 51.9 77.9
138 111.4 76.4 114.6





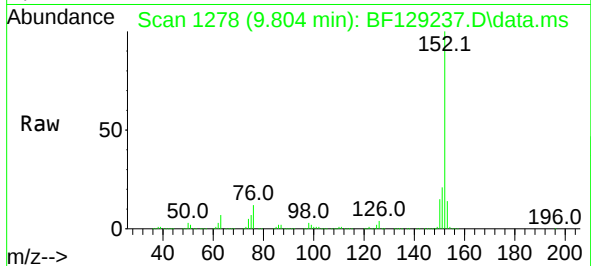
#49
Acenaphthylene
Concen: 41.939 ng
RT: 9.804 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BF129237.D
Acq: 15 Jul 2022 14:31

Instrument :

BNA_F

ClientSampleId :

PB146243BS

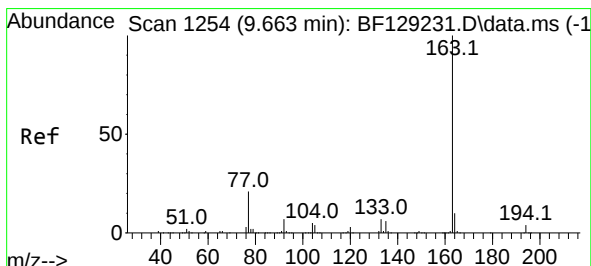
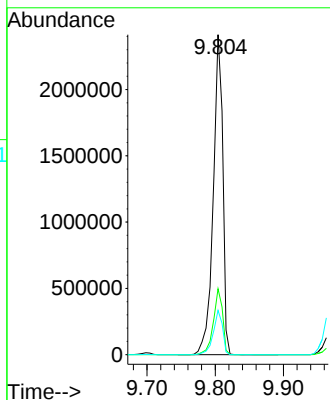
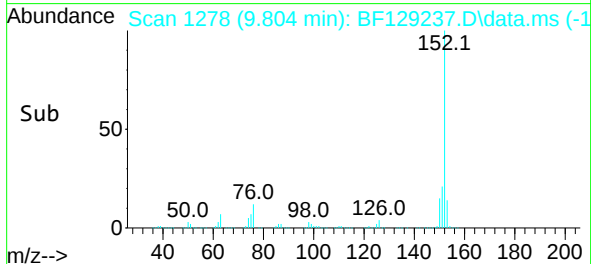


Tgt Ion:152 Resp: 2348718
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.4
153 13.9 10.7 16.1

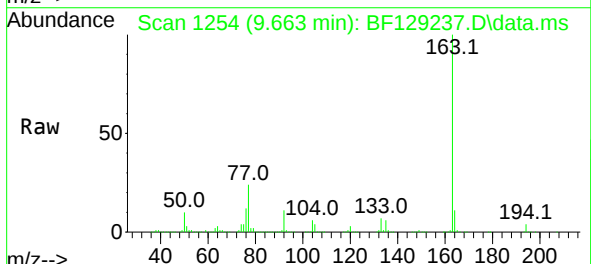
Manual Integrations

APPROVED

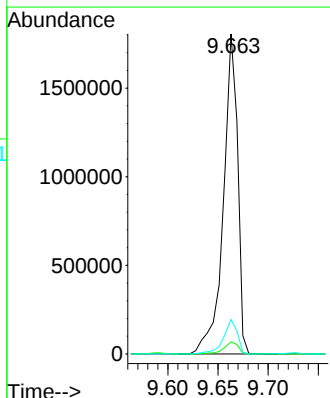
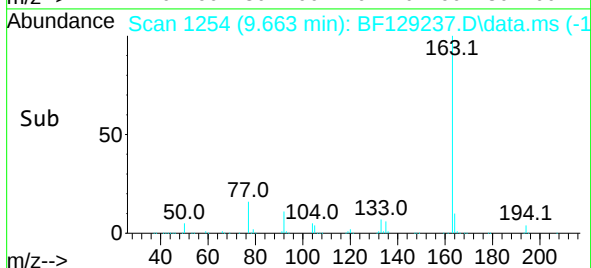
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

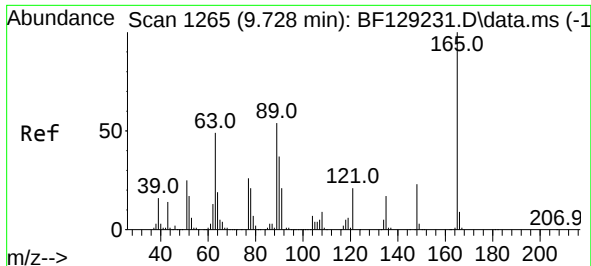


#50
Dimethylphthalate
Concen: 41.158 ng
RT: 9.663 min Scan# 1254
Delta R.T. 0.000 min
Lab File: BF129237.D
Acq: 15 Jul 2022 14:31



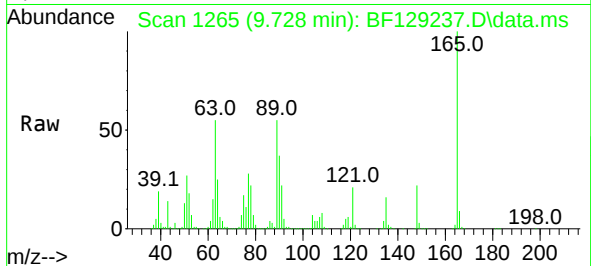
Tgt Ion:163 Resp: 1783811
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.8 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 44.732 ng
RT: 9.728 min Scan# 1265
Delta R.T. 0.000 min
Lab File: BF129237.D
Acq: 15 Jul 2022 14:31

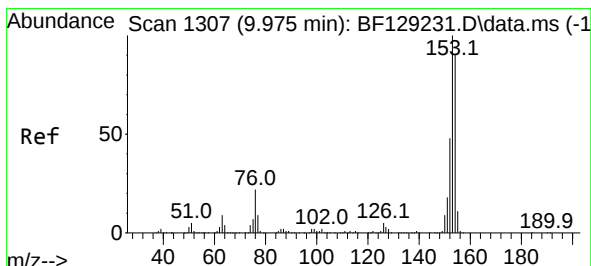
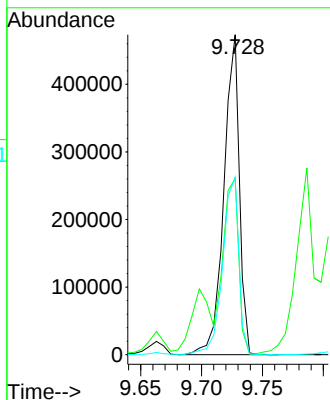
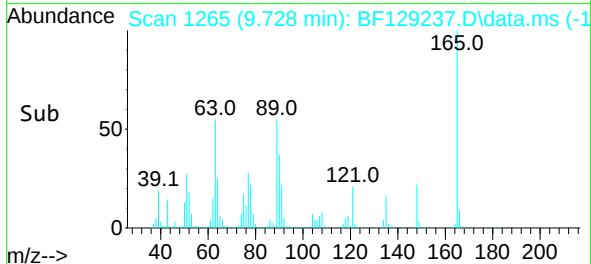
Instrument :
BNA_F
ClientSampleId :
PB146243BS



Tgt Ion:165 Resp: 419519
Ion Ratio Lower Upper
165 100
63 55.0 44.9 67.3
89 55.5 43.6 65.4

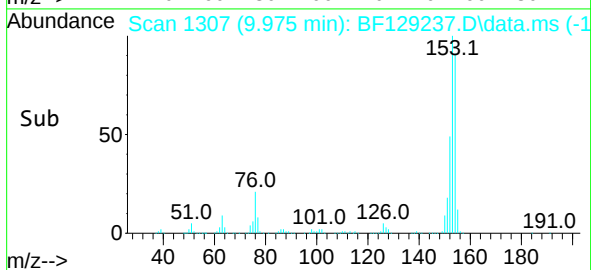
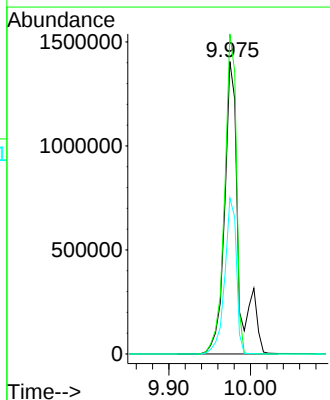
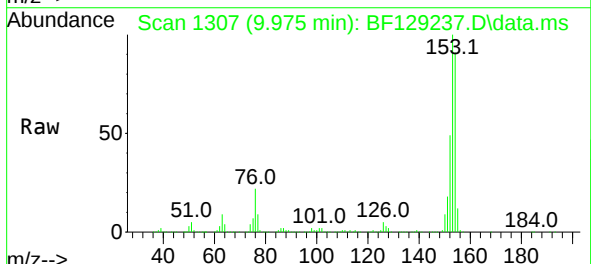
Manual Integrations
APPROVED

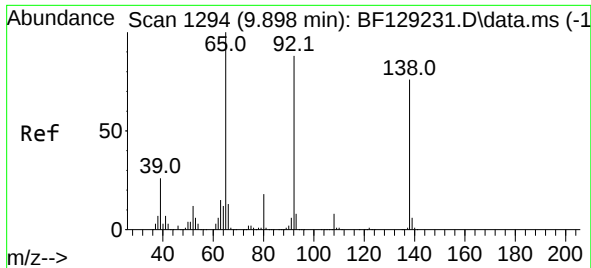
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#52
Acenaphthene
Concen: 45.866 ng m
RT: 9.975 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BF129237.D
Acq: 15 Jul 2022 14:31

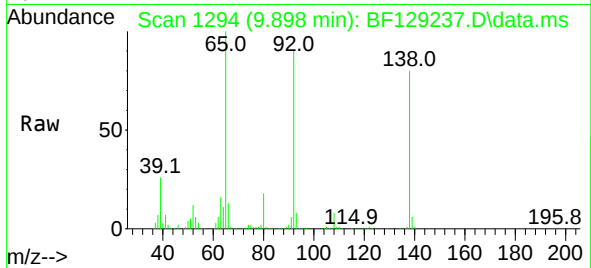
Tgt Ion:154 Resp: 1678981
Ion Ratio Lower Upper
154 100
153 109.4 89.6 134.4
152 53.3 42.4 63.6





#53
3-Nitroaniline
Concen: 35.166 ng
RT: 9.898 min Scan# 1294
Delta R.T. 0.000 min
Lab File: BF129237.D
Acq: 15 Jul 2022 14:31

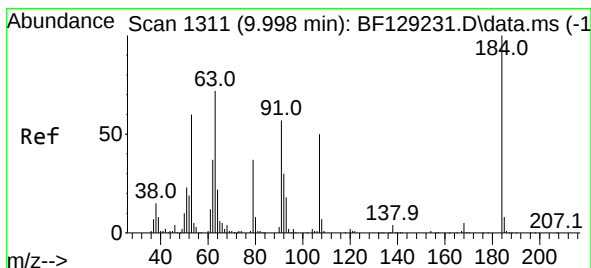
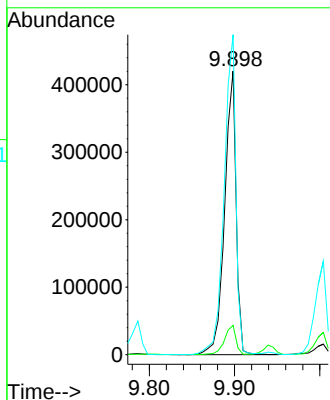
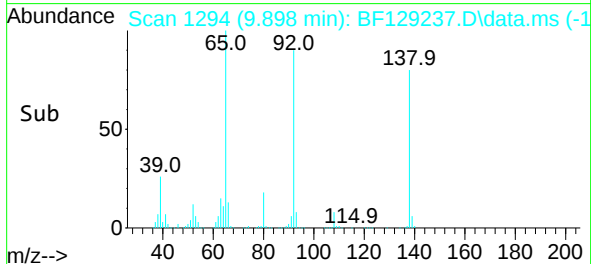
Instrument :
BNA_F
ClientSampleId :
PB146243BS



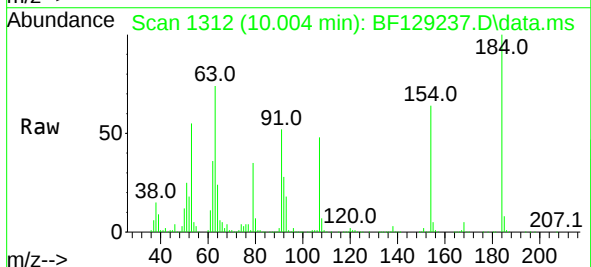
Tgt Ion:138 Resp: 393825
Ion Ratio Lower Upper
138 100
108 10.3 10.9 16.3
92 112.8 98.2 147.2

Manual Integrations
APPROVED

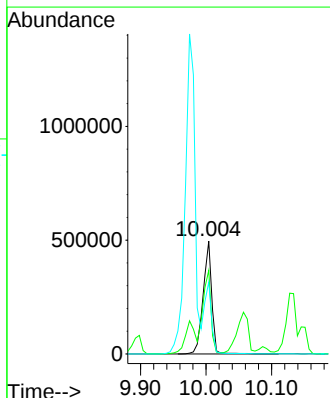
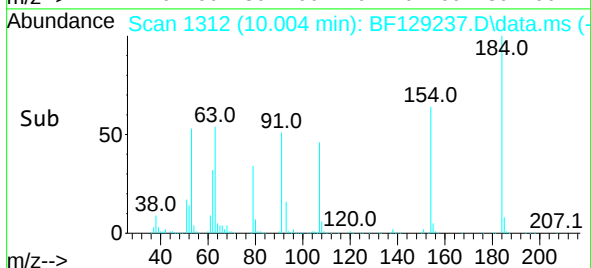
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

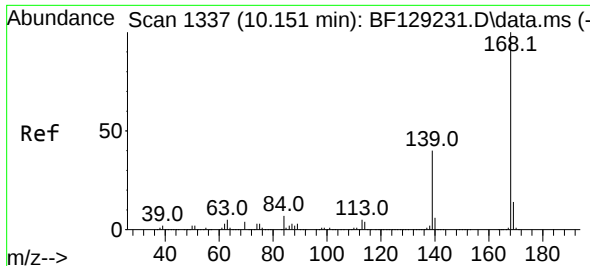


#54
2,4-Dinitrophenol
Concen: 90.782 ng
RT: 10.004 min Scan# 1312
Delta R.T. 0.006 min
Lab File: BF129237.D
Acq: 15 Jul 2022 14:31



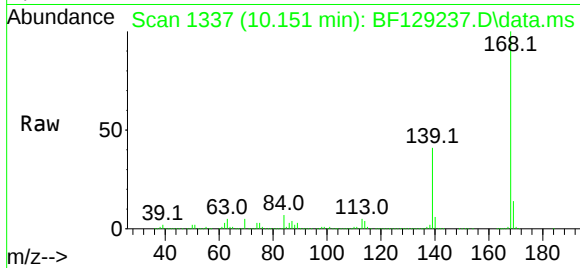
Tgt Ion:184 Resp: 456307
Ion Ratio Lower Upper
184 100
63 74.1 64.5 96.7
154 63.8 50.6 75.8





#55
Dibenzenofuran
Concen: 40.338 ng
RT: 10.151 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF129237.D
Acq: 15 Jul 2022 14:31

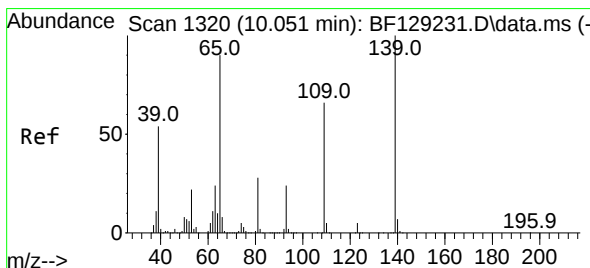
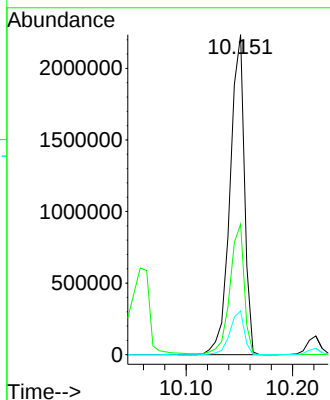
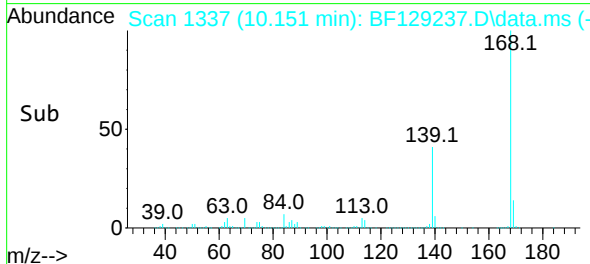
Instrument :
BNA_F
ClientSampleId :
PB146243BS



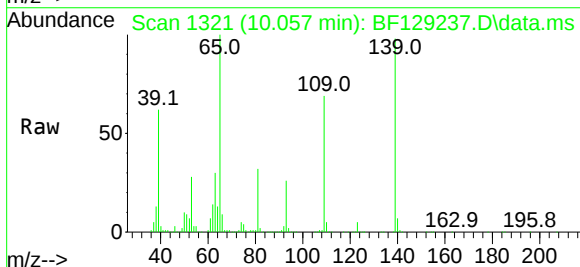
Tgt Ion:168 Resp: 2096188
Ion Ratio Lower Upper
168 100
139 40.7 30.6 46.0
169 13.7 11.0 16.6

Manual Integrations
APPROVED

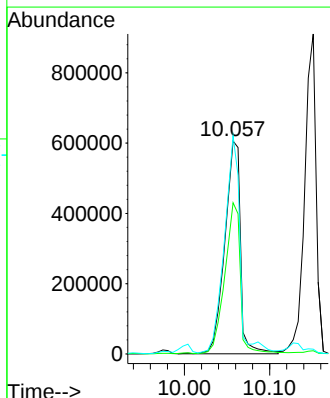
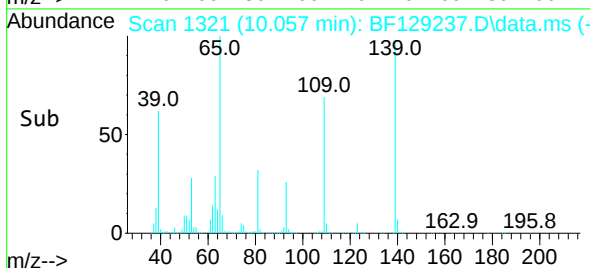
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

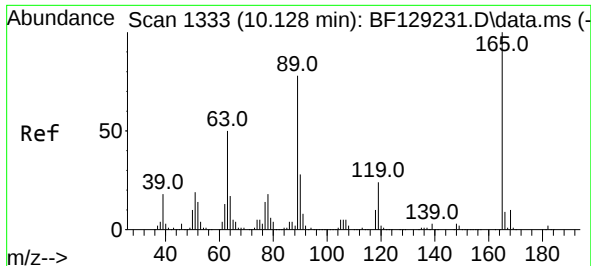


#56
4-Nitrophenol
Concen: 87.573 ng
RT: 10.057 min Scan# 1321
Delta R.T. 0.006 min
Lab File: BF129237.D
Acq: 15 Jul 2022 14:31



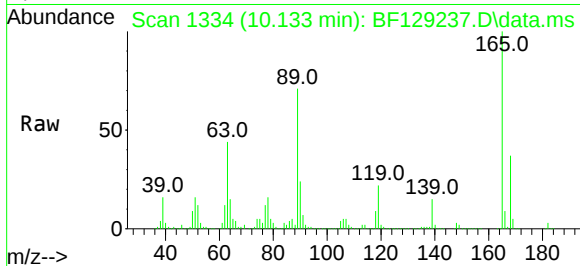
Tgt Ion:139 Resp: 776249
Ion Ratio Lower Upper
139 100
109 71.0 50.7 90.7
65 102.4 74.5 114.5





#57
2,4-Dinitrotoluene
Concen: 45.283 ng
RT: 10.133 min Scan# 1333
Delta R.T. 0.006 min
Lab File: BF129237.D
Acq: 15 Jul 2022 14:31

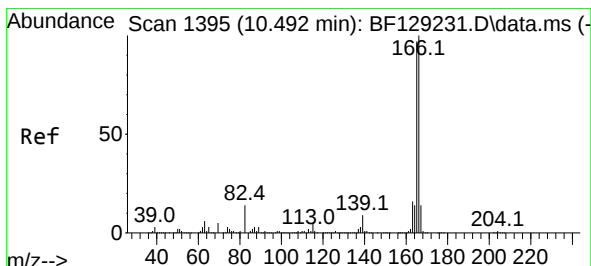
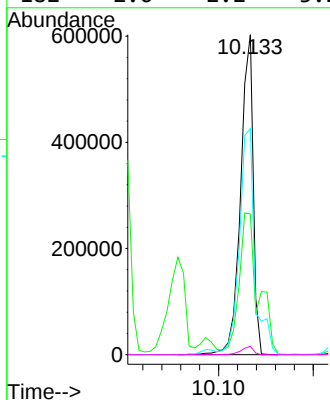
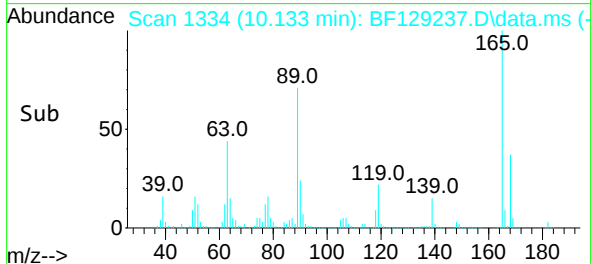
Instrument :
BNA_F
ClientSampleId :
PB146243BS



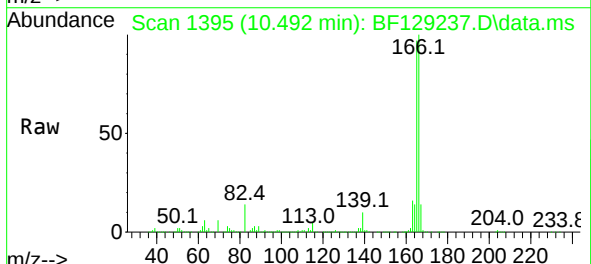
Tgt Ion:165 Resp: 556902
Ion Ratio Lower Upper
165 100
63 43.9 39.8 59.6
89 70.6 60.2 90.2
182 2.6 2.2 3.2

Manual Integrations
APPROVED

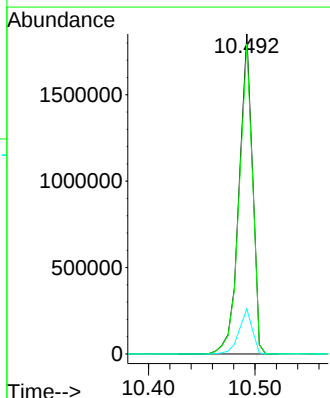
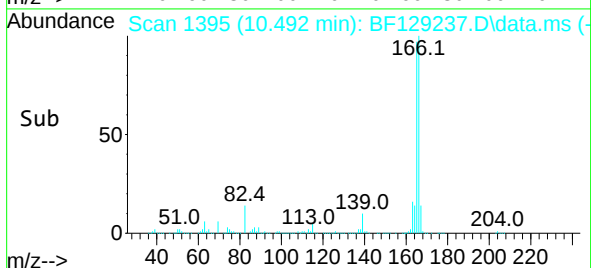
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

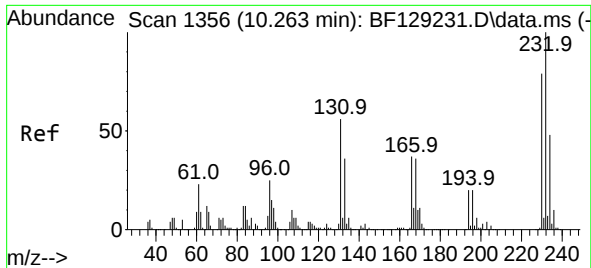


#58
Fluorene
Concen: 41.020 ng
RT: 10.492 min Scan# 1395
Delta R.T. 0.000 min
Lab File: BF129237.D
Acq: 15 Jul 2022 14:31



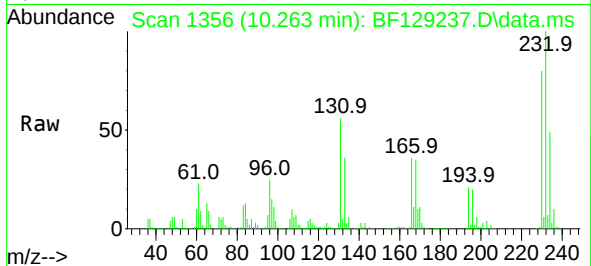
Tgt Ion:166 Resp: 1621282
Ion Ratio Lower Upper
166 100
165 96.9 78.1 117.1
167 14.1 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.588 ng
RT: 10.263 min Scan# 1356
Delta R.T. 0.000 min
Lab File: BF129237.D
Acq: 15 Jul 2022 14:31

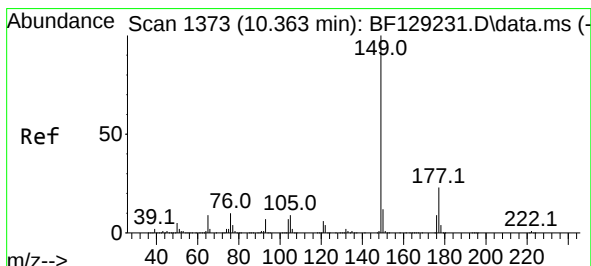
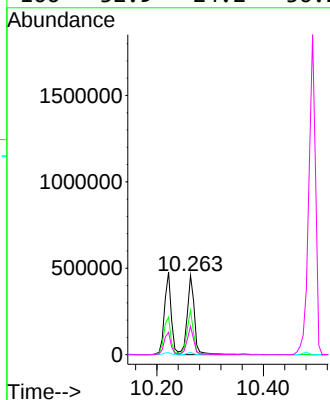
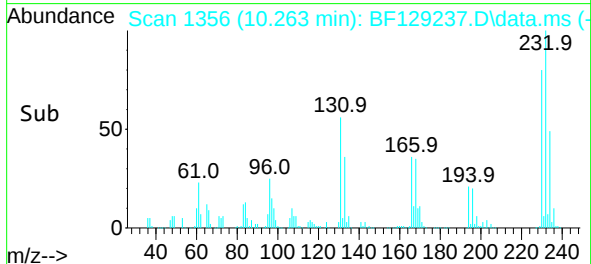
Instrument :
BNA_F
ClientSampleId :
PB146243BS



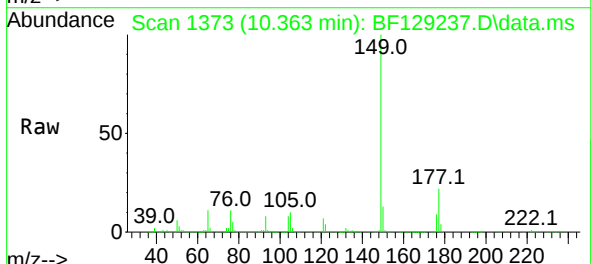
Tgt Ion:232 Resp: 425508
Ion Ratio Lower Upper
232 100
131 51.3 36.1 54.1
130 2.6 1.8 2.8
166 32.9 24.2 36.2

Manual Integrations
APPROVED

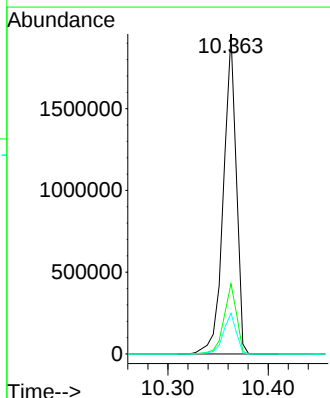
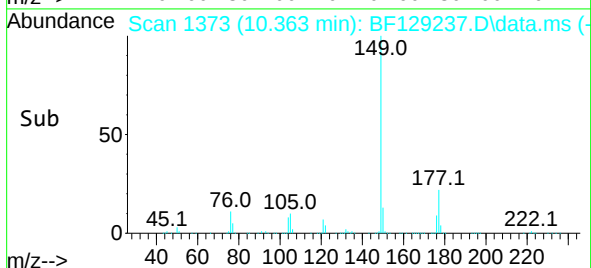
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

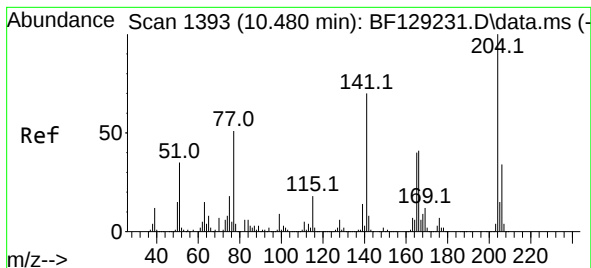


#60
Diethylphthalate
Concen: 41.263 ng
RT: 10.363 min Scan# 1373
Delta R.T. 0.000 min
Lab File: BF129237.D
Acq: 15 Jul 2022 14:31



Tgt Ion:149 Resp: 1729428
Ion Ratio Lower Upper
149 100
177 22.0 17.3 25.9
150 12.7 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 39.252 ng
RT: 10.481 min Scan# 1393
Delta R.T. 0.000 min
Lab File: BF129237.D
Acq: 15 Jul 2022 14:31

Instrument :

BNA_F

ClientSampleId :

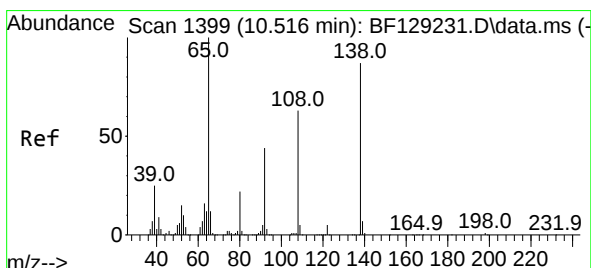
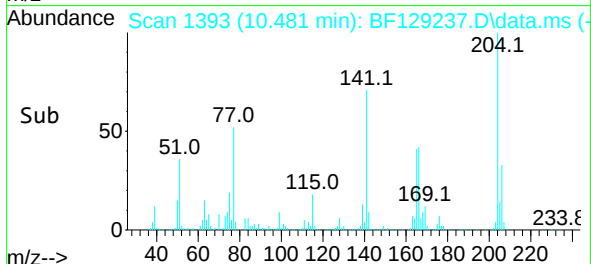
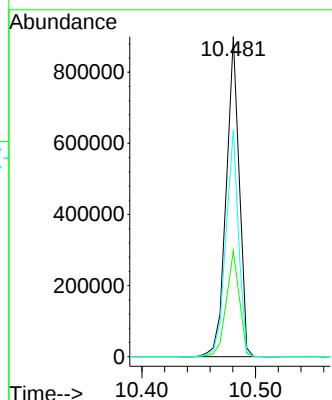
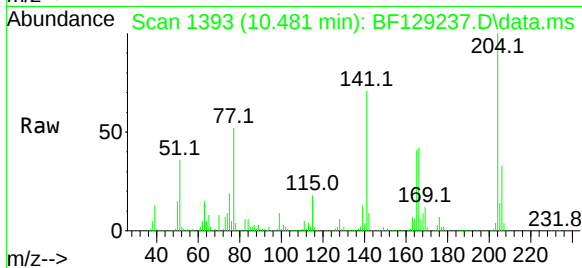
PB146243BS

Tgt Ion:204 Resp: 718680
Ion Ratio Lower Upper
204 100
206 33.1 25.8 38.6
141 70.9 47.0 70.4

Manual Integrations

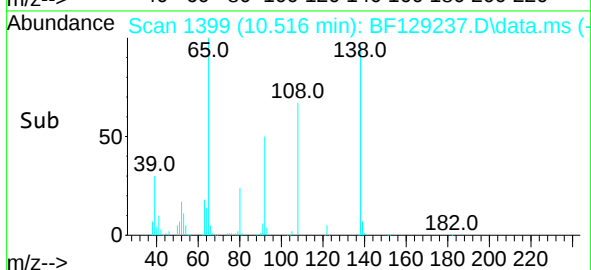
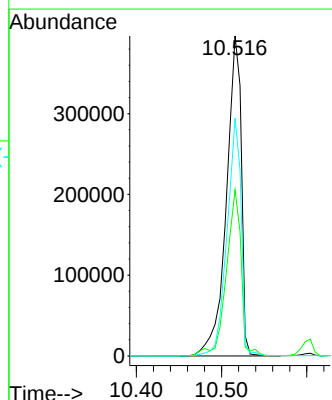
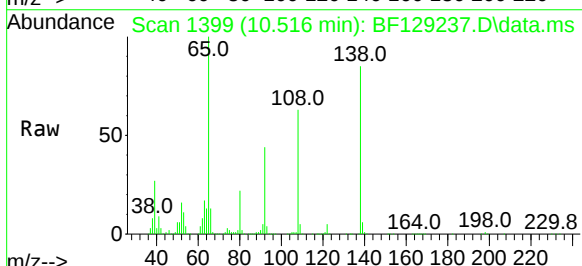
APPROVED

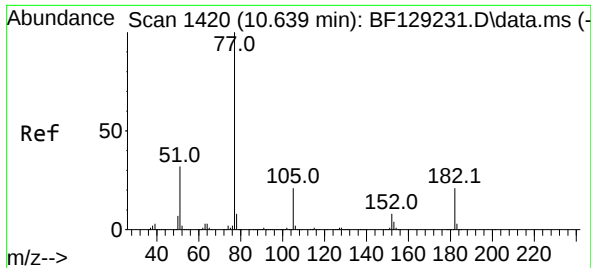
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#62
4-Nitroaniline
Concen: 43.488 ng
RT: 10.516 min Scan# 1399
Delta R.T. 0.000 min
Lab File: BF129237.D
Acq: 15 Jul 2022 14:31

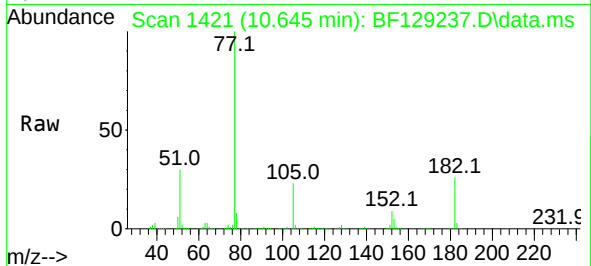
Tgt Ion:138 Resp: 482171
Ion Ratio Lower Upper
138 100
92 51.9 33.5 73.5
108 74.3 61.0 101.0





#63
Azobenzene
Concen: 40.656 ng
RT: 10.645 min Scan# 1420
Delta R.T. 0.006 min
Lab File: BF129237.D
Acq: 15 Jul 2022 14:31

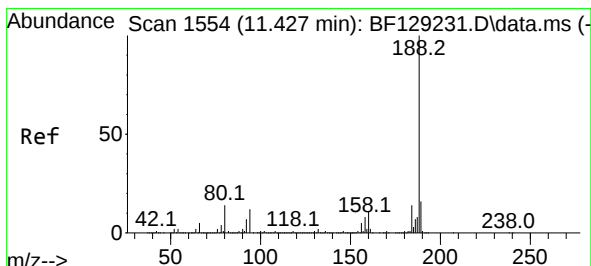
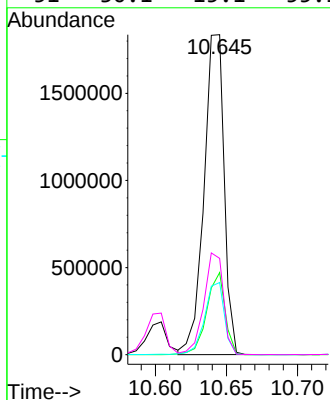
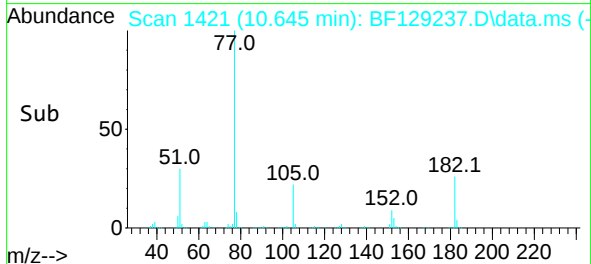
Instrument :
BNA_F
ClientSampleId :
PB146243BS



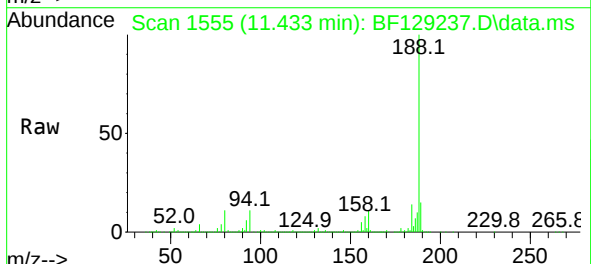
Tgt Ion: 77 Resp: 181892
Ion Ratio Lower Upper
77 100
182 25.7 5.6 45.6
105 22.6 1.6 41.6
51 30.1 15.1 55.1

Manual Integrations
APPROVED

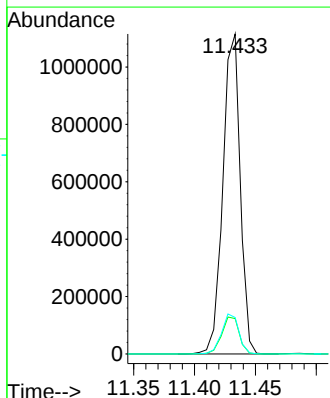
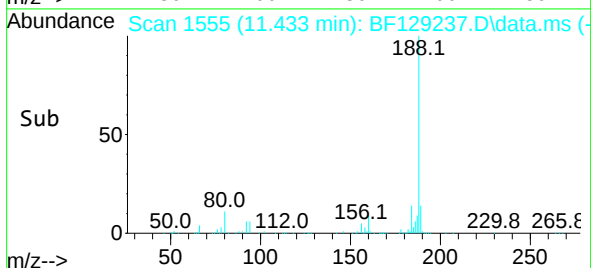
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

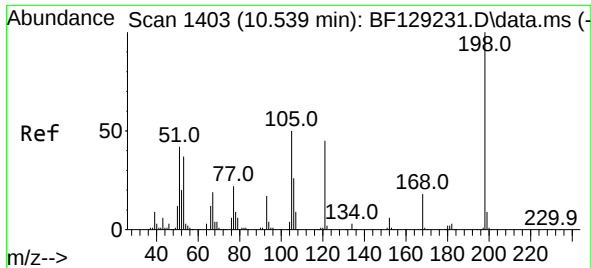


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1555
Delta R.T. 0.006 min
Lab File: BF129237.D
Acq: 15 Jul 2022 14:31



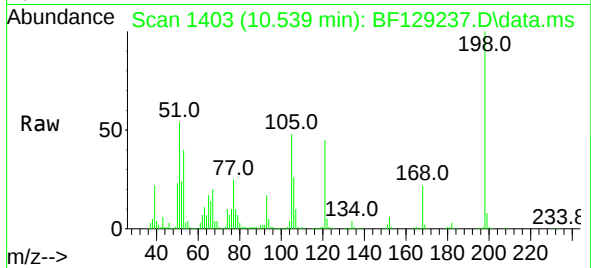
Tgt Ion:188 Resp: 1103007
Ion Ratio Lower Upper
188 100
94 11.0 7.0 10.6#
80 11.4 7.6 11.4





#65
4,6-Dinitro-2-methylphenol
Concen: 40.506 ng
RT: 10.539 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BF129237.D
Acq: 15 Jul 2022 14:31

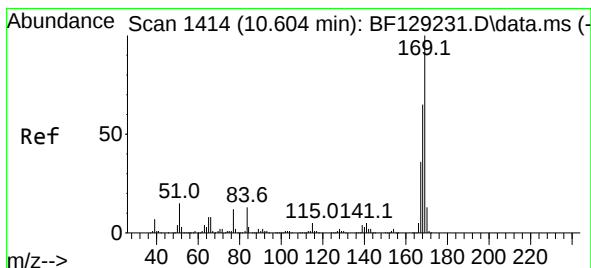
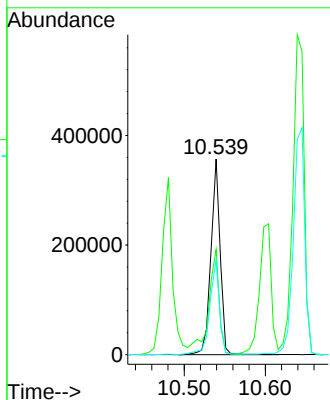
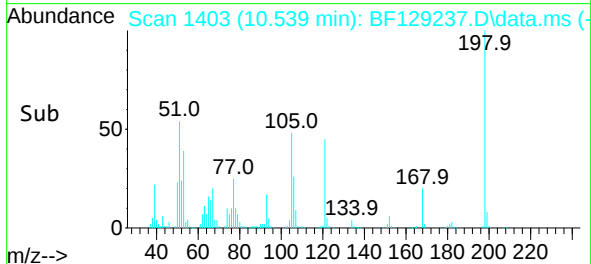
Instrument :
BNA_F
ClientSampleId :
PB146243BS



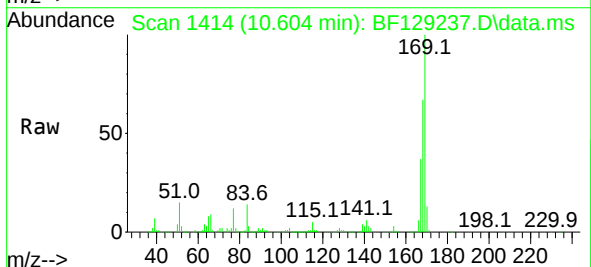
Tgt Ion:198 Resp: 282288
Ion Ratio Lower Upper
198 100
51 53.7 37.6 77.6
105 48.2 27.0 67.0

Manual Integrations
APPROVED

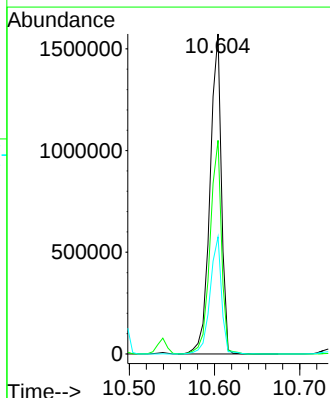
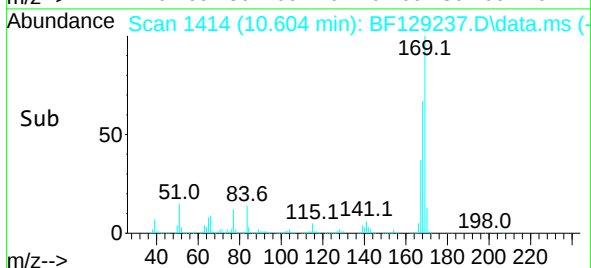
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

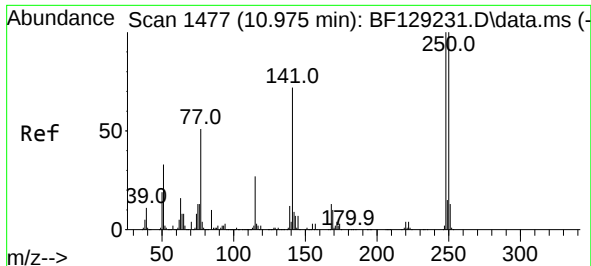


#66
n-Nitrosodiphenylamine
Concen: 41.535 ng
RT: 10.604 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF129237.D
Acq: 15 Jul 2022 14:31



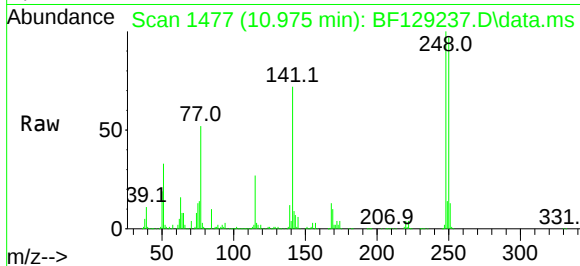
Tgt Ion:169 Resp: 1461682
Ion Ratio Lower Upper
169 100
168 66.7 50.1 75.1
167 36.6 27.9 41.9





#67
4-Bromophenyl-phenylether
Concen: 41.133 ng
RT: 10.975 min Scan# 1477
Delta R.T. 0.000 min
Lab File: BF129237.D
Acq: 15 Jul 2022 14:31

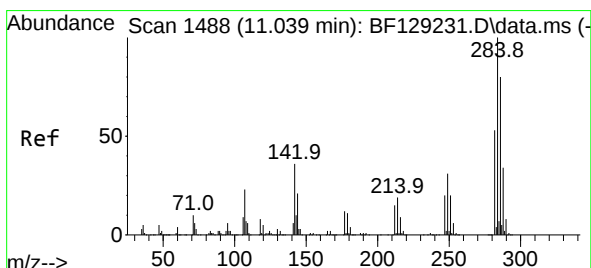
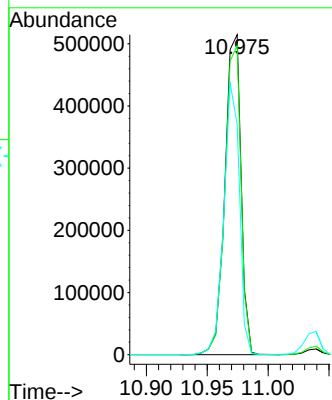
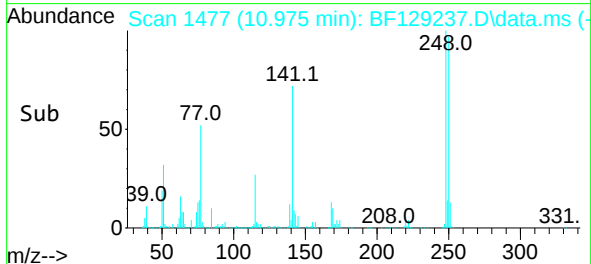
Instrument :
BNA_F
ClientSampleId :
PB146243BS



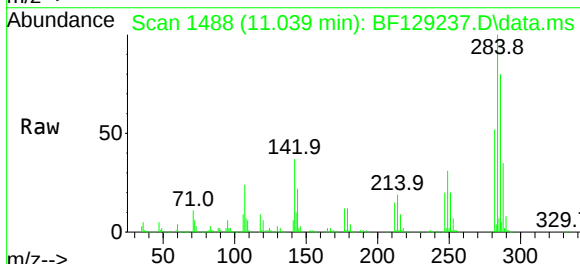
Tgt Ion:248 Resp: 477594
Ion Ratio Lower Upper
248 100
250 96.6 80.6 120.8
141 71.9 58.9 88.3

Manual Integrations
APPROVED

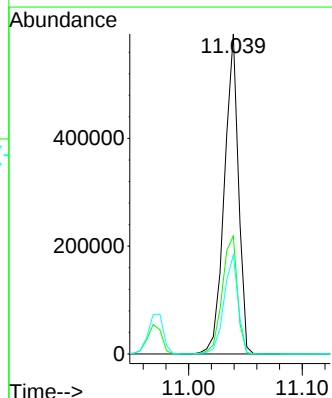
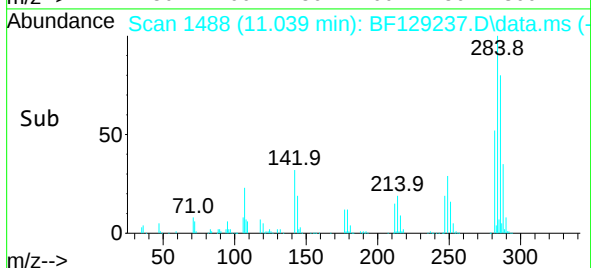
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

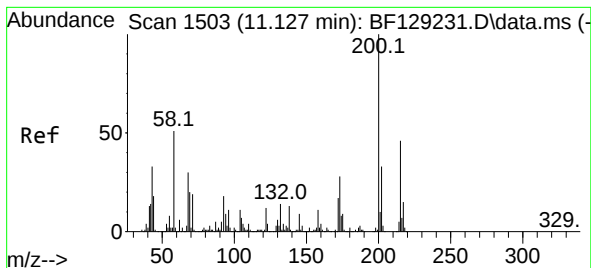


#68
Hexachlorobenzene
Concen: 42.034 ng
RT: 11.039 min Scan# 1488
Delta R.T. 0.000 min
Lab File: BF129237.D
Acq: 15 Jul 2022 14:31



Tgt Ion:284 Resp: 512302
Ion Ratio Lower Upper
284 100
142 36.9 29.0 43.4
249 30.9 25.0 37.6





#69

Atrazine

Concen: 49.568 ng

RT: 11.128 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF129237.D

Acq: 15 Jul 2022 14:31

Instrument :

BNA_F

ClientSampleId :

PB146243BS

Tgt Ion:200 Resp: 483598

Ion Ratio Lower Upper

200 100

173 28.0 6.3 46.3

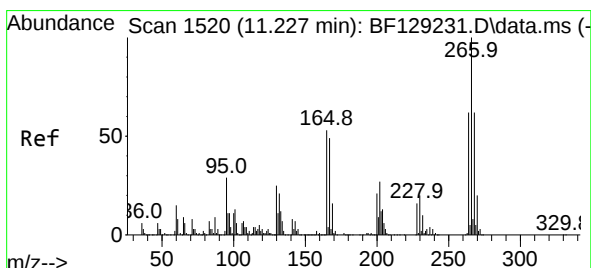
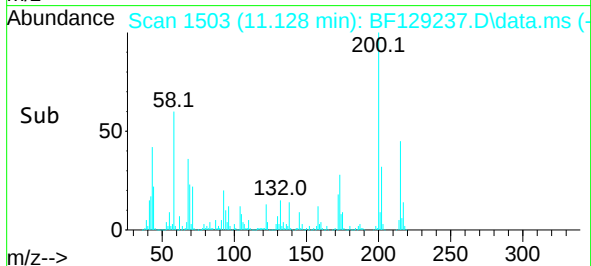
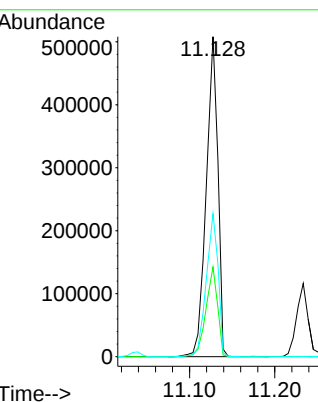
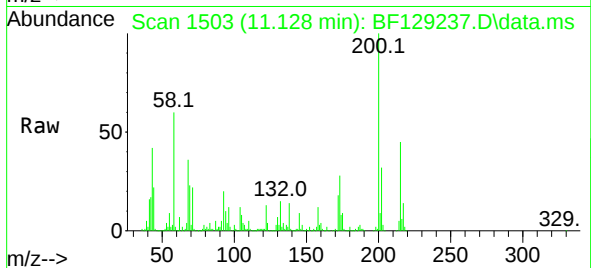
215 44.7 28.3 68.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/18/2022

Supervised By :Jagrut Upadhyay 07/18/2022



#70

Pentachlorophenol

Concen: 81.087 ng

RT: 11.233 min Scan# 1521

Delta R.T. 0.006 min

Lab File: BF129237.D

Acq: 15 Jul 2022 14:31

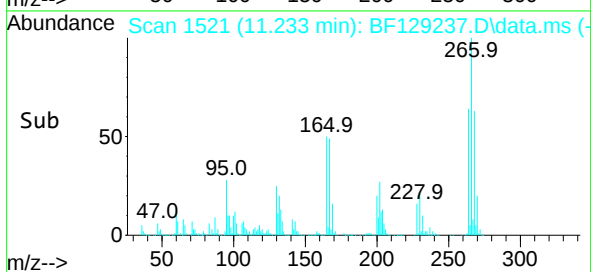
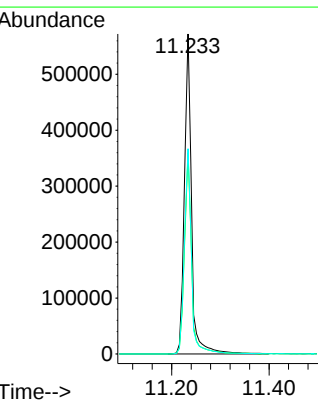
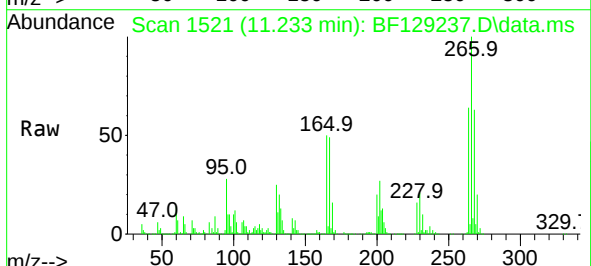
Tgt Ion:266 Resp: 587674

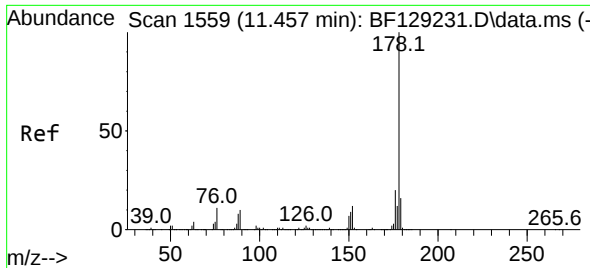
Ion Ratio Lower Upper

266 100

268 62.9 51.0 76.4

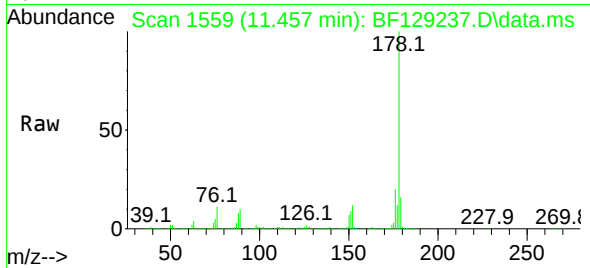
264 64.2 49.4 74.2





#71
Phenanthrene
Concen: 41.243 ng
RT: 11.457 min Scan# 1559
Delta R.T. 0.000 min
Lab File: BF129237.D
Acq: 15 Jul 2022 14:31

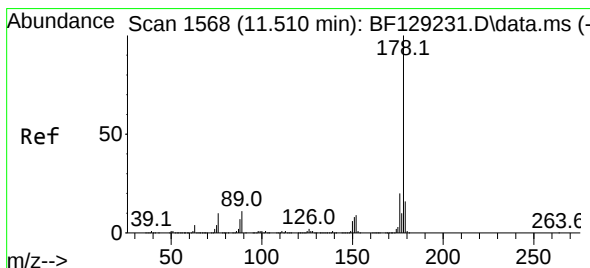
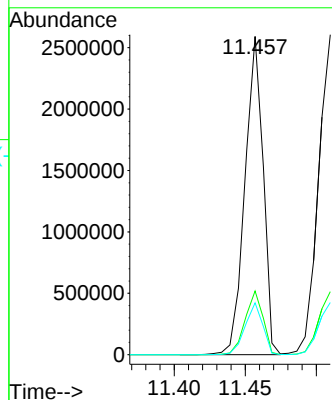
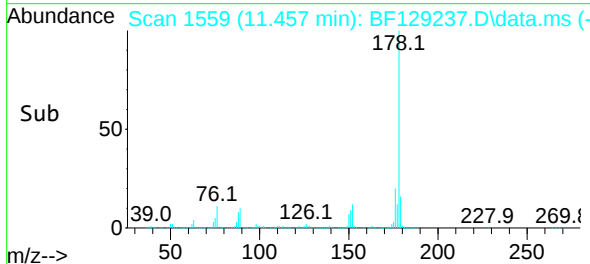
Instrument :
BNA_F
ClientSampleId :
PB146243BS



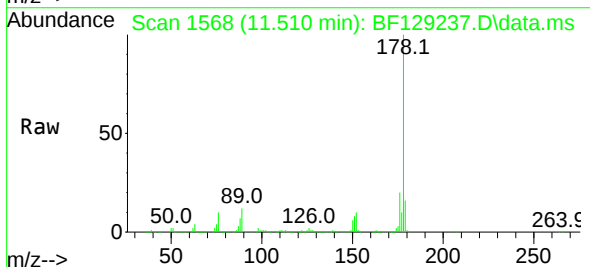
Tgt Ion:178 Resp: 2309644
Ion Ratio Lower Upper
178 100
176 20.0 16.0 24.0
179 16.3 12.6 19.0

Manual Integrations
APPROVED

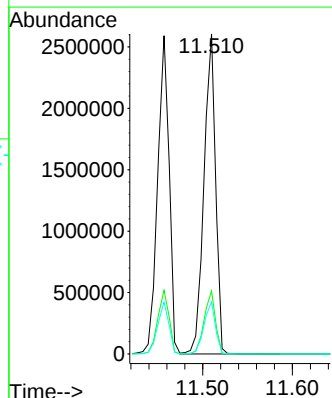
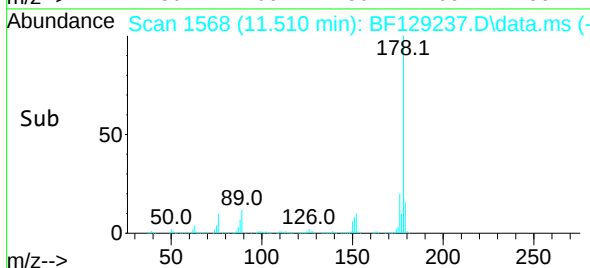
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

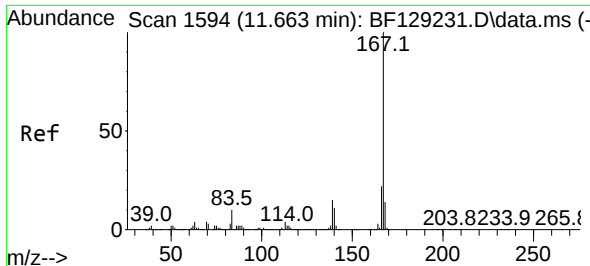


#72
Anthracene
Concen: 42.085 ng
RT: 11.510 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF129237.D
Acq: 15 Jul 2022 14:31



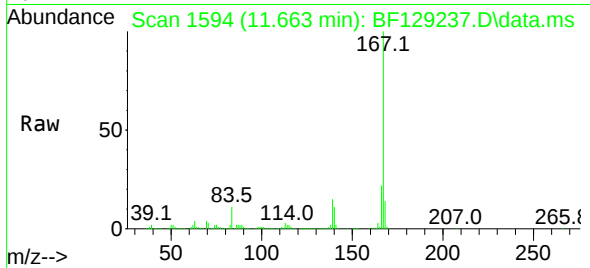
Tgt Ion:178 Resp: 2341093
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.2
179 16.3 12.6 19.0





#73
 Carbazole
 Concen: 40.678 ng
 RT: 11.663 min Scan# 1594
 Delta R.T. 0.000 min
 Lab File: BF129237.D
 Acq: 15 Jul 2022 14:31

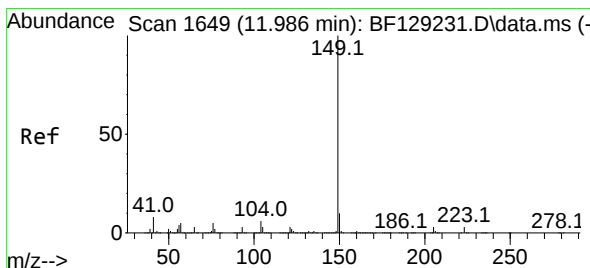
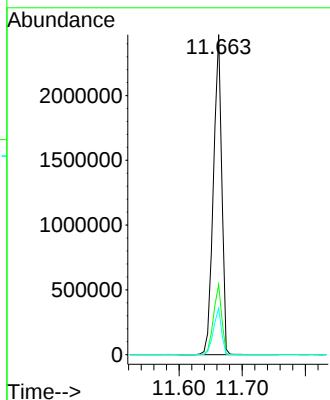
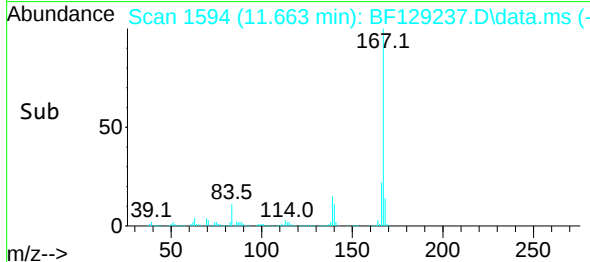
Instrument :
 BNA_F
 ClientSampleId :
 PB146243BS



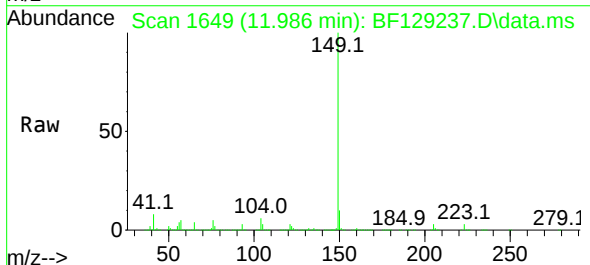
Tgt Ion:167 Resp: 2257129
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.7 26.5
 139 14.6 11.2 16.8

Manual Integrations
 APPROVED

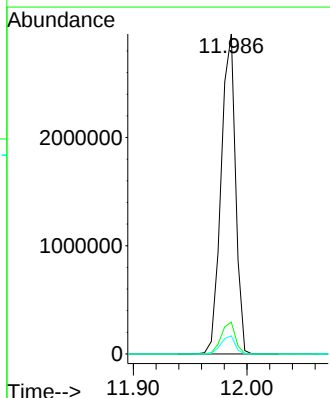
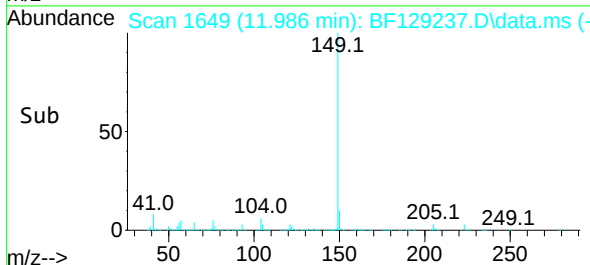
Reviewed By :Christian Giraldo 07/18/2022
 Supervised By :Jagrut Upadhyay 07/18/2022

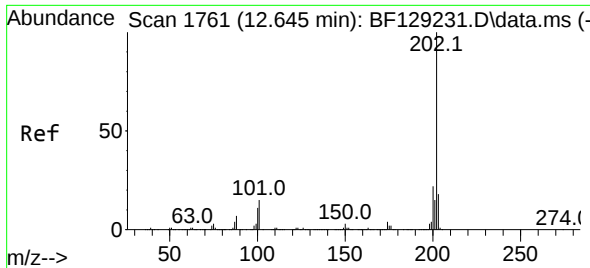


#74
 Di-n-butylphthalate
 Concen: 41.220 ng
 RT: 11.986 min Scan# 1649
 Delta R.T. 0.000 min
 Lab File: BF129237.D
 Acq: 15 Jul 2022 14:31



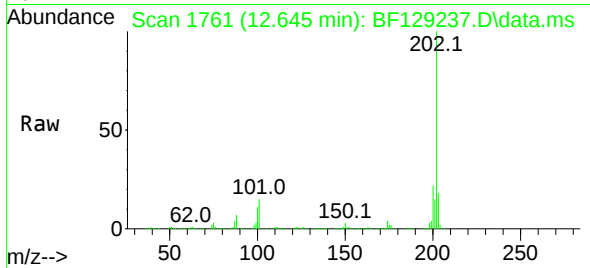
Tgt Ion:149 Resp: 2628446
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.5 11.3
 104 5.7 4.4 6.6





#75
Fluoranthene
Concen: 42.747 ng
RT: 12.645 min Scan# 1761
Delta R.T. 0.000 min
Lab File: BF129237.D
Acq: 15 Jul 2022 14:31

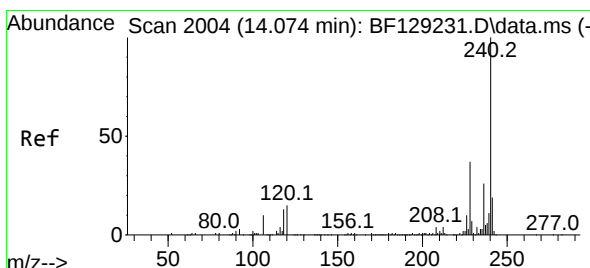
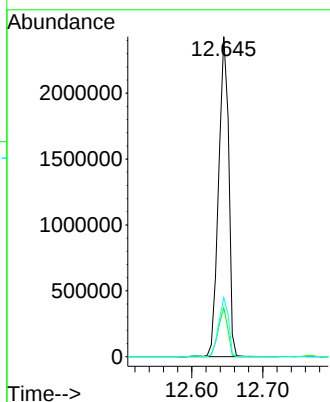
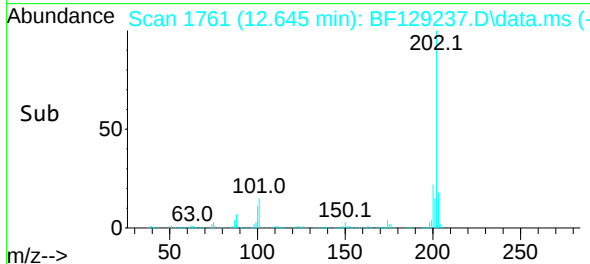
Instrument :
BNA_F
ClientSampleId :
PB146243BS



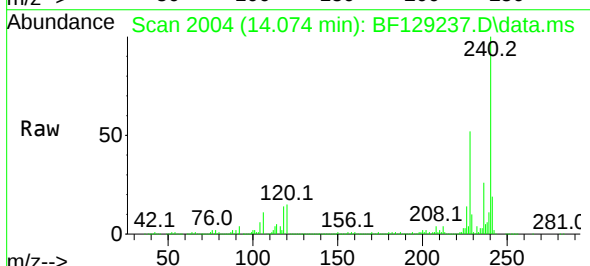
Tgt Ion:202 Resp: 238415
Ion Ratio Lower Upper
202 100
101 15.3 0.0 31.4
203 18.4 0.0 38.0

Manual Integrations
APPROVED

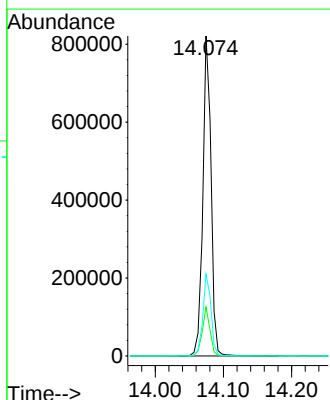
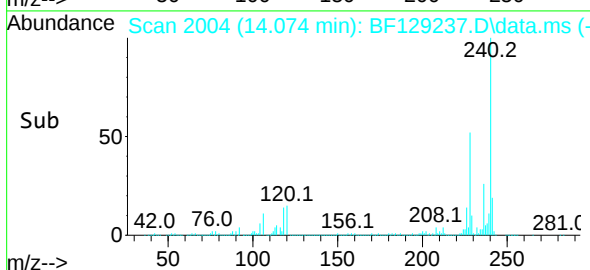
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

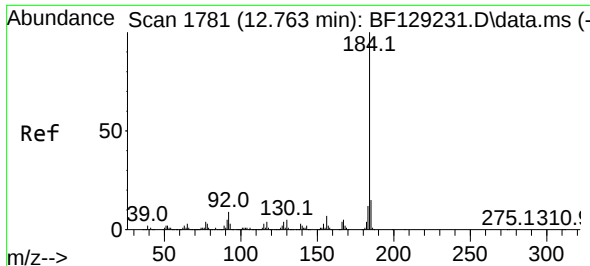


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BF129237.D
Acq: 15 Jul 2022 14:31



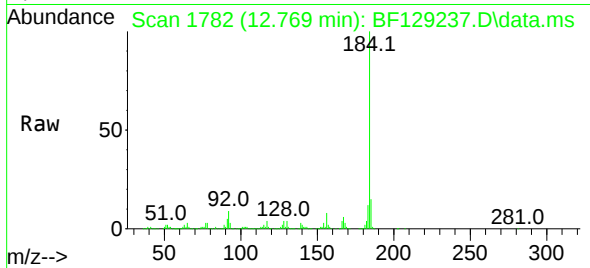
Tgt Ion:240 Resp: 687370
Ion Ratio Lower Upper
240 100
120 15.3 8.9 13.3#
236 25.6 20.8 31.2





#77
Benzidine
Concen: 67.205 ng
RT: 12.769 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF129237.D
Acq: 15 Jul 2022 14:31

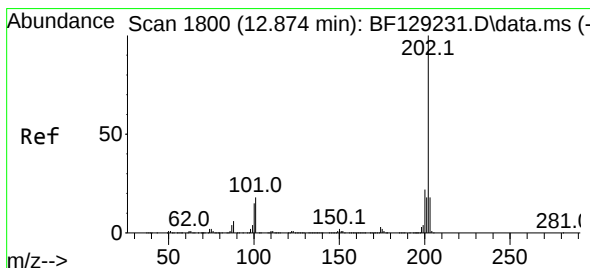
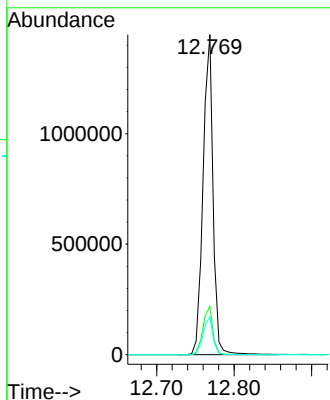
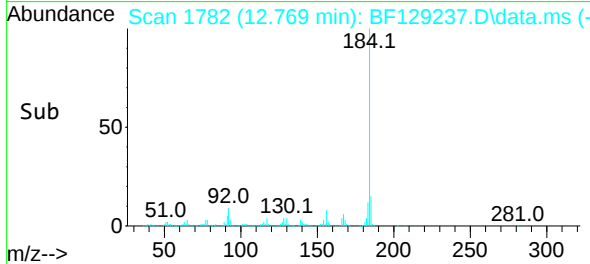
Instrument :
BNA_F
ClientSampleId :
PB146243BS



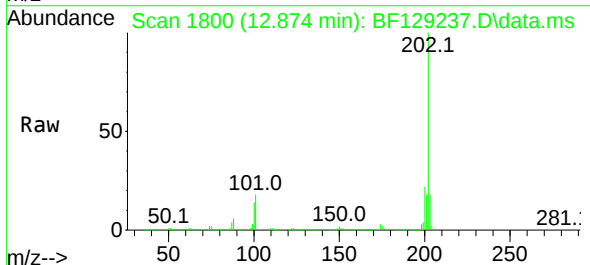
Tgt Ion:184 Resp: 129306
Ion Ratio Lower Upper
184 100
185 15.0 11.9 17.9
183 11.9 9.3 13.9

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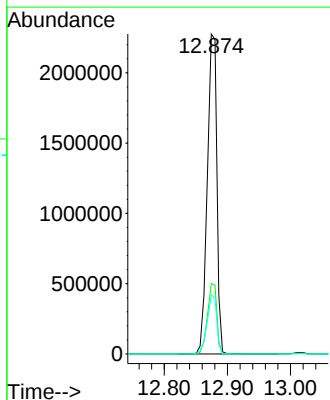
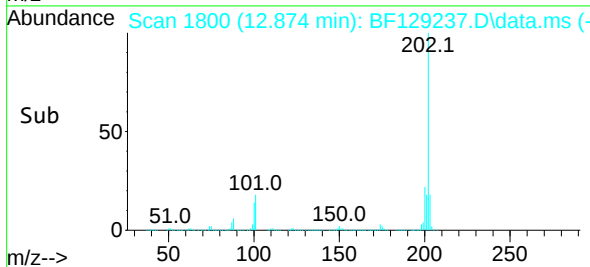
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

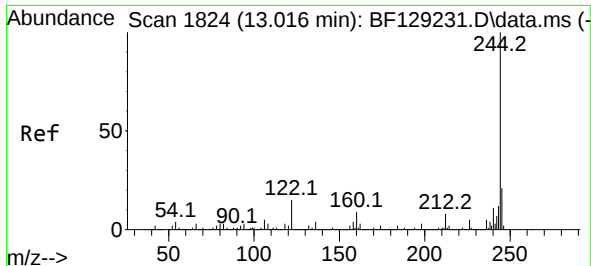


#78
Pyrene
Concen: 42.930 ng
RT: 12.874 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BF129237.D
Acq: 15 Jul 2022 14:31



Tgt Ion:202 Resp: 2390057
Ion Ratio Lower Upper
202 100
200 22.1 17.7 26.5
203 18.5 14.6 21.8





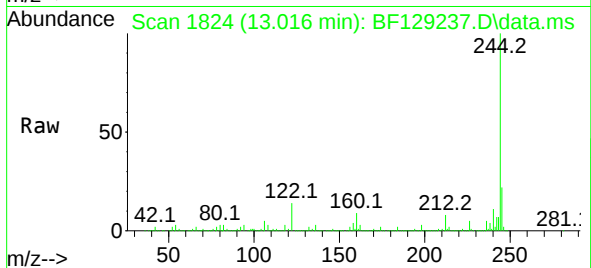
#79
 Terphenyl-d14
 Concen: 85.697 ng
 RT: 13.016 min Scan# 1824
 Delta R.T. 0.000 min
 Lab File: BF129237.D
 Acq: 15 Jul 2022 14:31

Instrument :

BNA_F

ClientSampleId :

PB146243BS

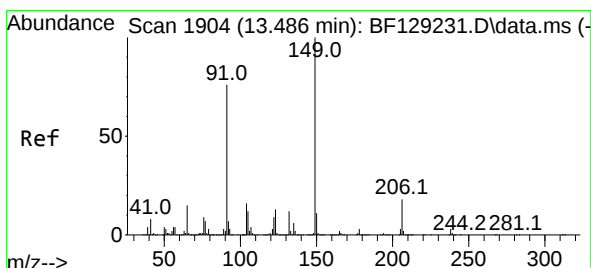
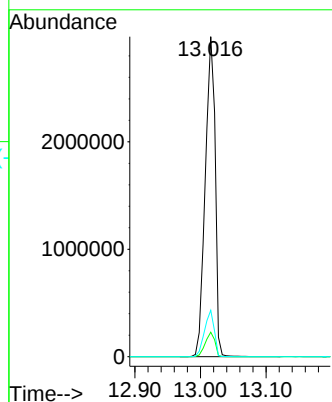
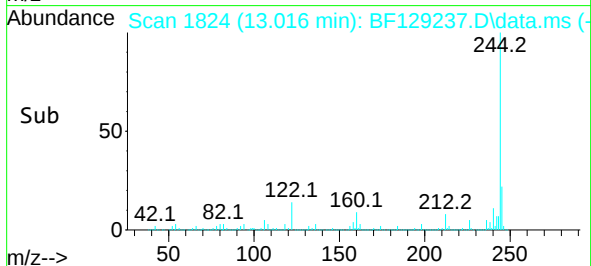


Tgt Ion:244 Resp: 314885
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 14.5 8.8 13.2

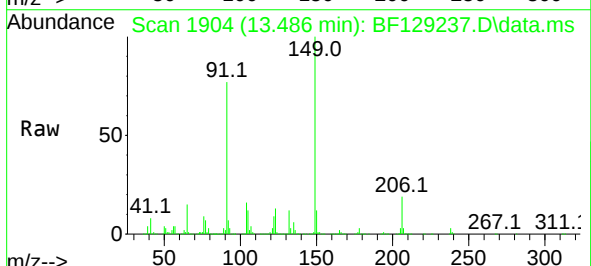
Manual Integrations

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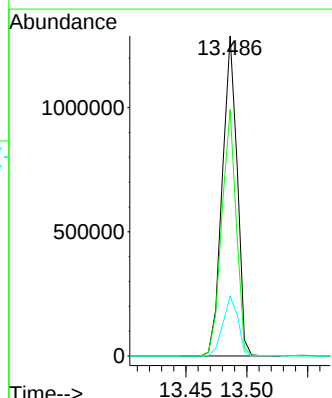
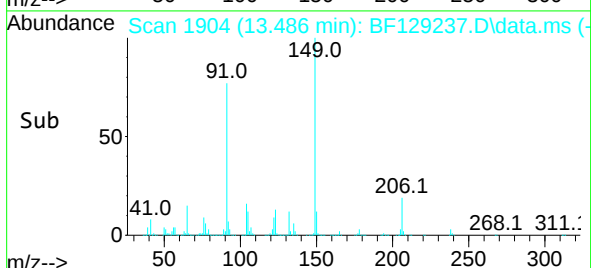
Reviewed By :Christian Giraldo 07/18/2022
 Supervised By :Jagrut Upadhyay 07/18/2022

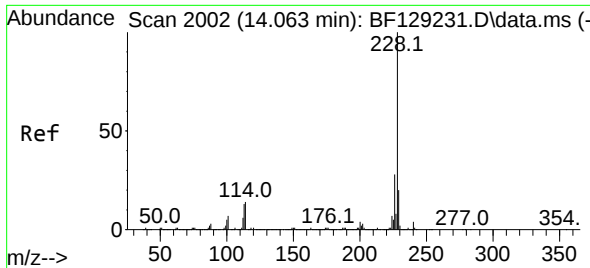


#80
 Butylbenzylphthalate
 Concen: 44.113 ng
 RT: 13.486 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: BF129237.D
 Acq: 15 Jul 2022 14:31



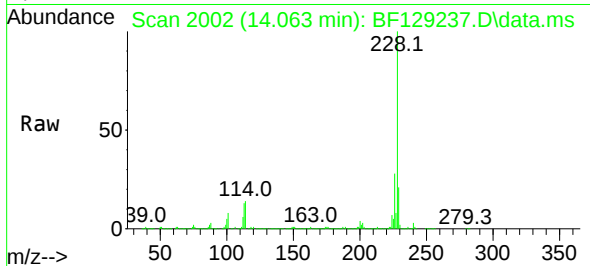
Tgt Ion:149 Resp: 1093919
 Ion Ratio Lower Upper
 149 100
 91 77.1 61.2 91.8
 206 18.6 15.7 23.5





#81
Benzo(a)anthracene
Concen: 43.318 ng
RT: 14.063 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BF129237.D
Acq: 15 Jul 2022 14:31

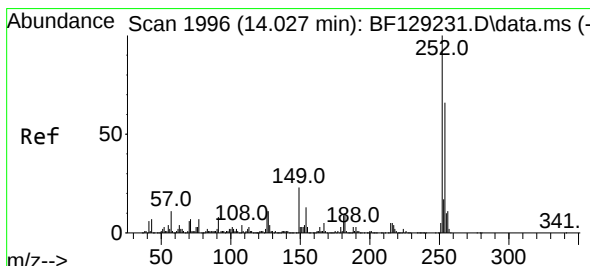
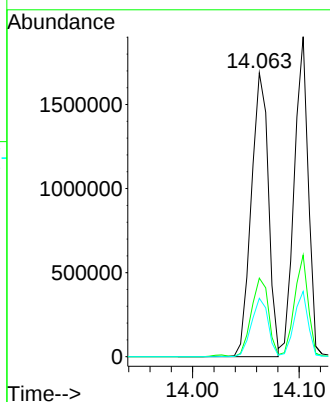
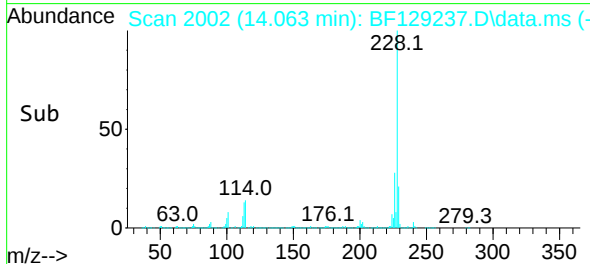
Instrument :
BNA_F
ClientSampleId :
PB146243BS



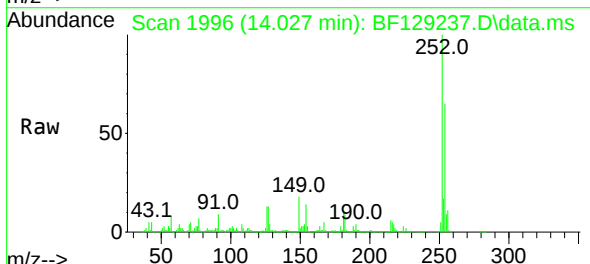
Tgt Ion:228 Resp: 1878120
Ion Ratio Lower Upper
228 100
226 27.7 22.1 33.1
229 20.6 15.8 23.8

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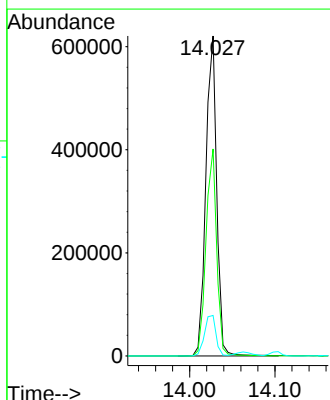
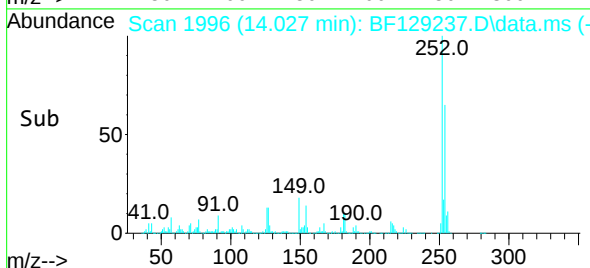
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

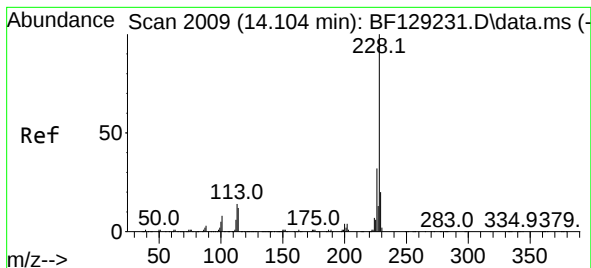


#82
3,3'-Dichlorobenzidine
Concen: 50.464 ng
RT: 14.027 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BF129237.D
Acq: 15 Jul 2022 14:31



Tgt Ion:252 Resp: 547326
Ion Ratio Lower Upper
252 100
254 64.7 50.2 75.4
126 12.7 8.2 12.4





#83

Chrysene

Concen: 42.213 ng

RT: 14.104 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BF129237.D

Acq: 15 Jul 2022 14:31

Instrument :

BNA_F

ClientSampleId :

PB146243BS

Tgt Ion:228 Resp: 1746960

Ion Ratio Lower Upper

228 100

226 31.8 24.3 36.5

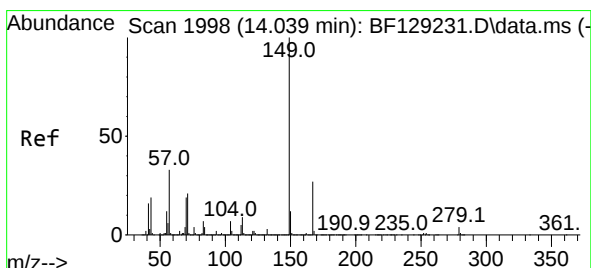
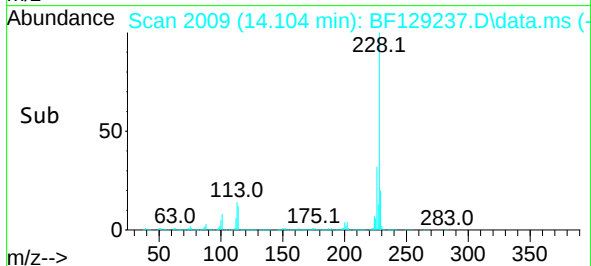
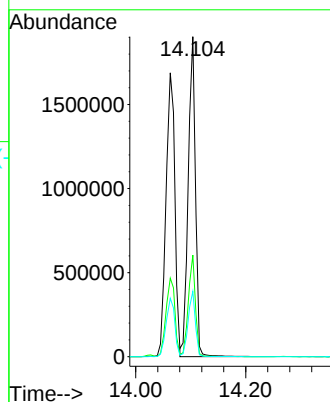
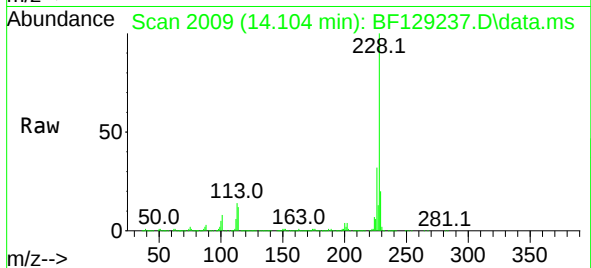
229 20.4 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/18/2022

Supervised By :Jagrut Upadhyay 07/18/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.982 ng

RT: 14.039 min Scan# 1998

Delta R.T. 0.000 min

Lab File: BF129237.D

Acq: 15 Jul 2022 14:31

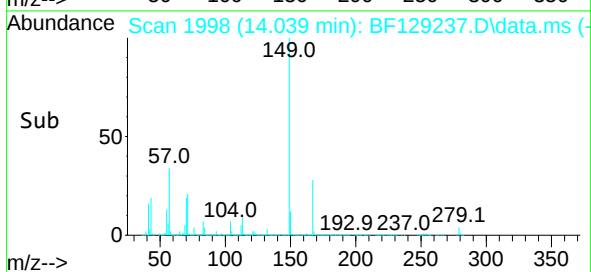
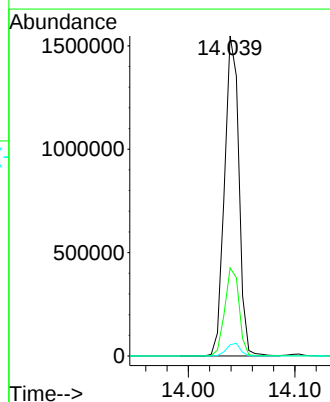
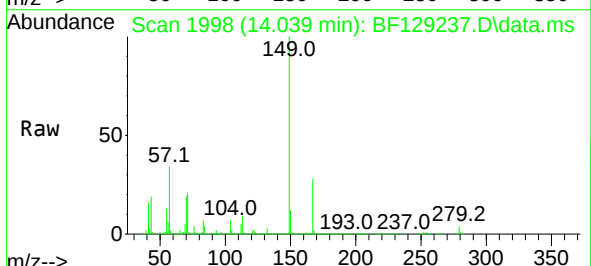
Tgt Ion:149 Resp: 1451266

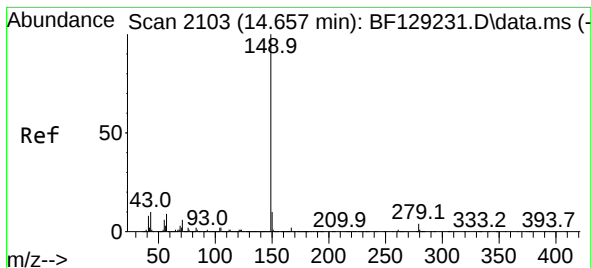
Ion Ratio Lower Upper

149 100

167 27.5 21.0 31.4

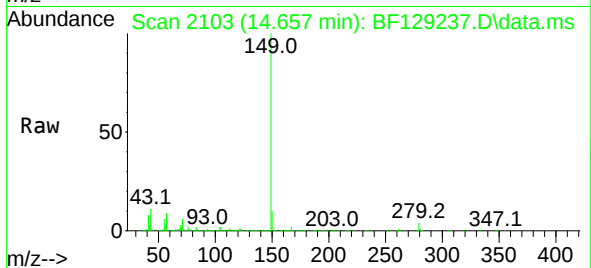
279 3.5 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 43.943 ng
RT: 14.657 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BF129237.D
Acq: 15 Jul 2022 14:31

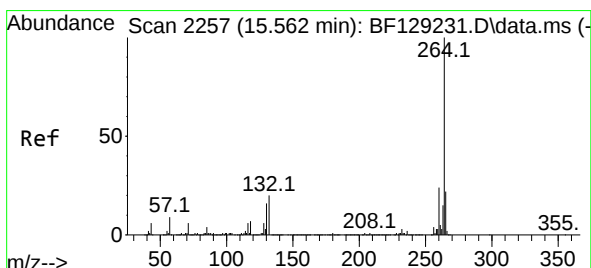
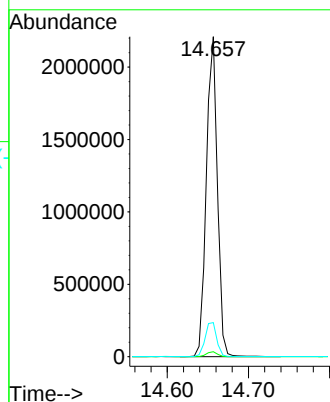
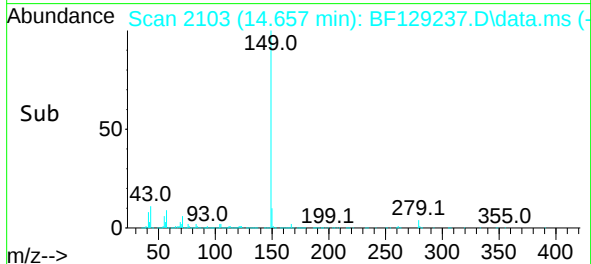
Instrument :
BNA_F
ClientSampleId :
PB146243BS



Tgt Ion:149 Resp: 2079684
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.2 9.2 13.8

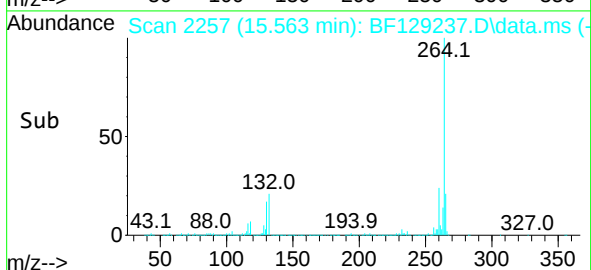
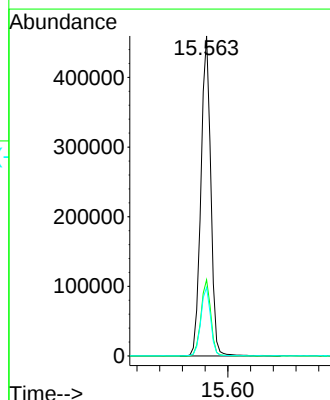
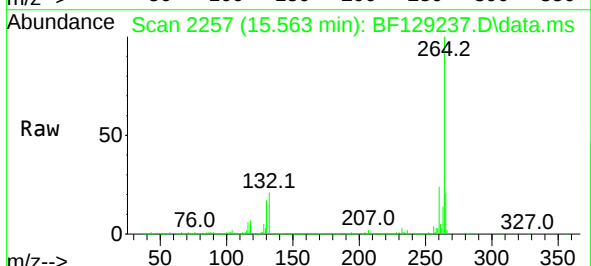
Manual Integrations
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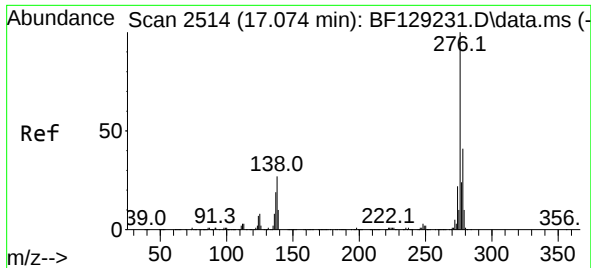
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2257
Delta R.T. 0.000 min
Lab File: BF129237.D
Acq: 15 Jul 2022 14:31

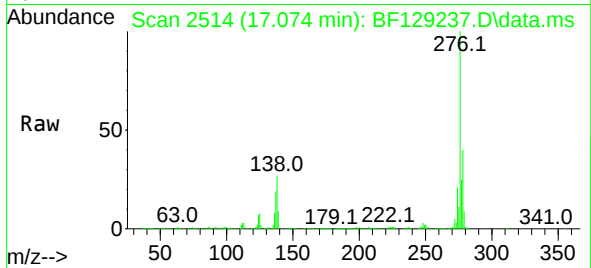
Tgt Ion:264 Resp: 554295
Ion Ratio Lower Upper
264 100
260 23.8 18.4 27.6
265 21.4 17.2 25.8





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 44.925 ng
 RT: 17.074 min Scan# 2183
 Delta R.T. 0.000 min
 Lab File: BF129237.D
 Acq: 15 Jul 2022 14:31

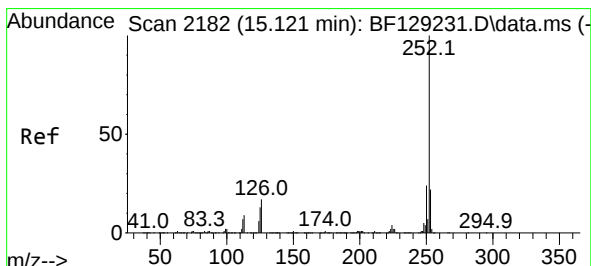
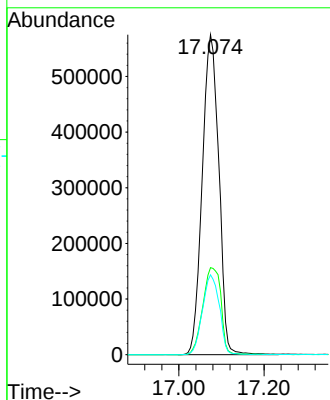
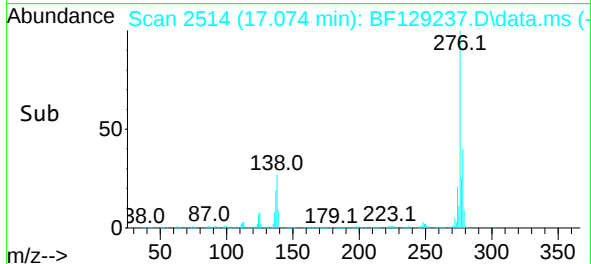
Instrument :
 BNA_F
 ClientSampleId :
 PB146243BS



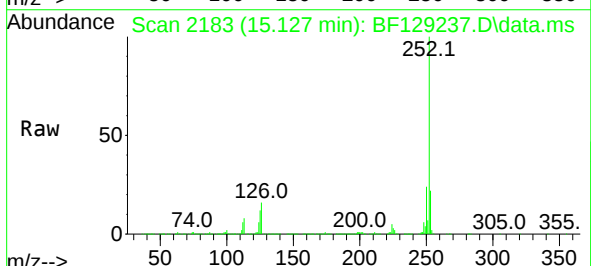
Tgt Ion:276 Resp: 1552774
 Ion Ratio Lower Upper
 276 100
 138 29.7 21.1 31.7
 277 25.4 20.3 30.5

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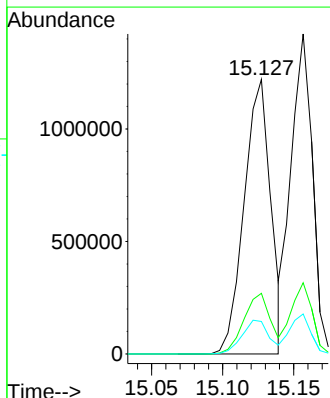
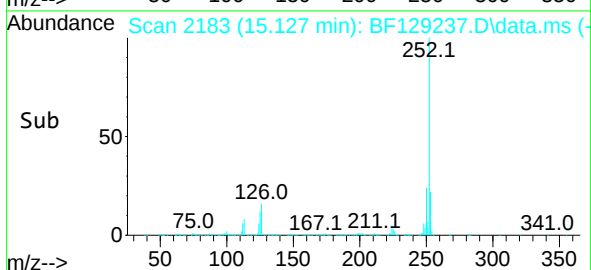
Reviewed By :Christian Giraldo 07/18/2022
 Supervised By :Jagrut Upadhyay 07/18/2022

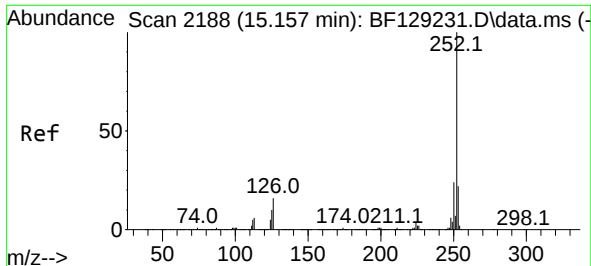


#88
 Benzo(b)fluoranthene
 Concen: 46.571 ng
 RT: 15.127 min Scan# 2183
 Delta R.T. 0.006 min
 Lab File: BF129237.D
 Acq: 15 Jul 2022 14:31



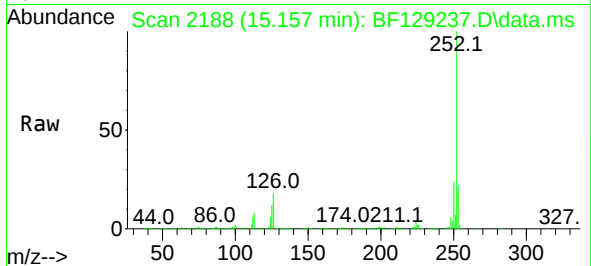
Tgt Ion:252 Resp: 1585844
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.7 26.5
 125 11.9 8.0 12.0





#89
Benzo(k)fluoranthene
Concen: 45.464 ng m
RT: 15.157 min Scan# 2188
Delta R.T. 0.000 min
Lab File: BF129237.D
Acq: 15 Jul 2022 14:31

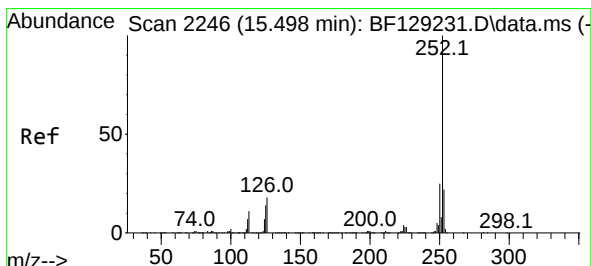
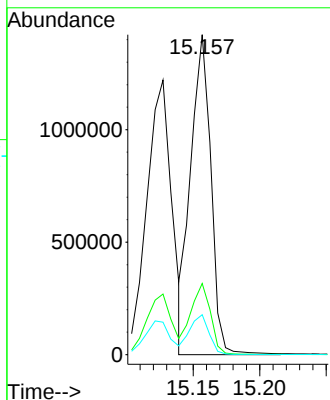
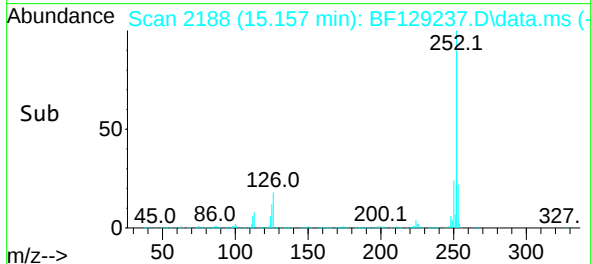
Instrument :
BNA_F
ClientSampleId :
PB146243BS



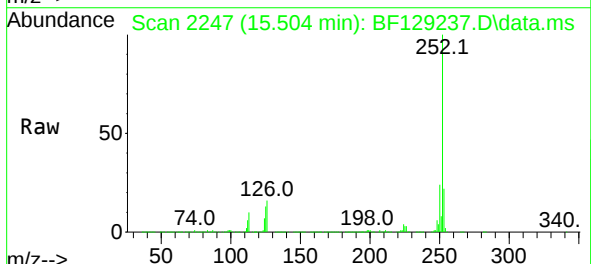
Tgt Ion:252 Resp: 151256
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 12.5 8.3 12.5

Manual Integrations
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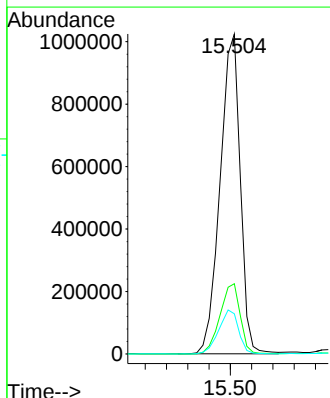
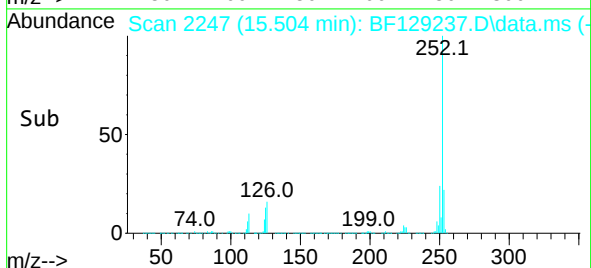
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

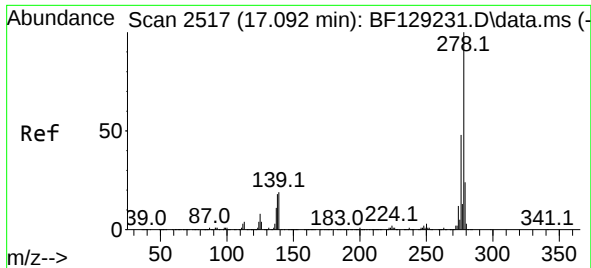


#90
Benzo(a)pyrene
Concen: 48.458 ng
RT: 15.504 min Scan# 2247
Delta R.T. 0.006 min
Lab File: BF129237.D
Acq: 15 Jul 2022 14:31



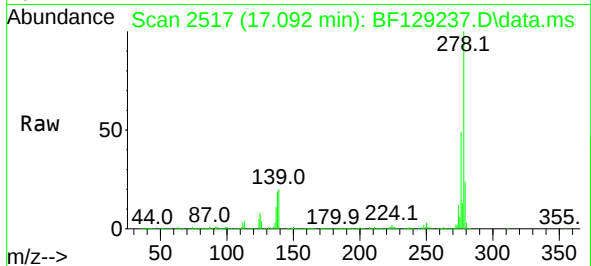
Tgt Ion:252 Resp: 1343339
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 12.5 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 47.275 ng
RT: 17.092 min Scan# 2517
Delta R.T. 0.000 min
Lab File: BF129237.D
Acq: 15 Jul 2022 14:31

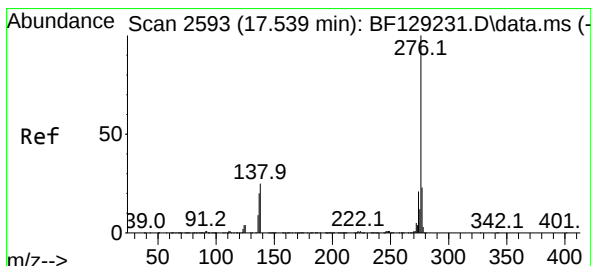
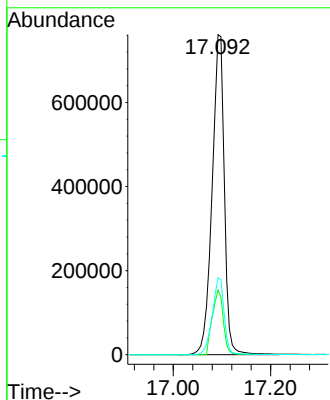
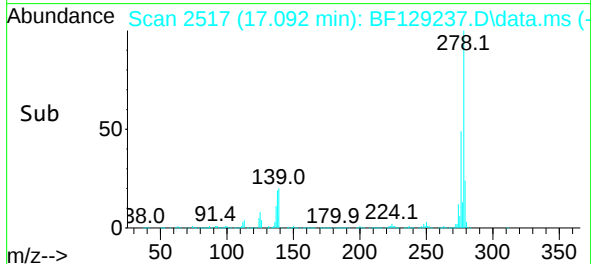
Instrument :
BNA_F
ClientSampleId :
PB146243BS



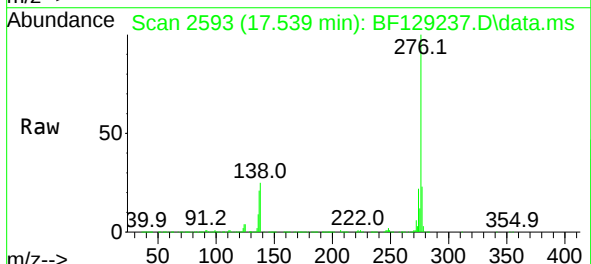
Tgt Ion:278 Resp: 1321692
Ion Ratio Lower Upper
278 100
139 20.2 12.8 19.2
279 24.0 18.6 28.0

Manual Integrations
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Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#92
Benzo(g,h,i)perylene
Concen: 48.462 ng
RT: 17.539 min Scan# 2593
Delta R.T. 0.000 min
Lab File: BF129237.D
Acq: 15 Jul 2022 14:31



Tgt Ion:276 Resp: 1384955
Ion Ratio Lower Upper
276 100
277 23.1 19.1 28.7
138 25.1 18.0 27.0

