

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101022\
 Data File : BF130599.D
 Acq On : 10 Oct 2022 12:56
 Operator : CG\JU
 Sample : PB148187BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148187BSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 10/11/2022
 Supervised By : Jagrut Upadhyay 10/14/2022

Quant Time: Oct 10 13:43:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 10 13:41:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.604	152	108072	20.000	ng	0.00
21) Naphthalene-d8	7.892	136	434033	20.000	ng	# 0.00
39) Acenaphthene-d10	9.639	164	276592	20.000	ng	0.00
64) Phenanthrene-d10	11.122	188	385611	20.000	ng	0.00
76) Chrysene-d12	13.751	240	201082	20.000	ng	0.00
86) Perylene-d12	15.127	264	211875	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.222	112	838437	134.562	ng	0.02
7) Phenol-d6	6.263	99	1028117	131.873	ng	0.00
23) Nitrobenzene-d5	7.181	82	658844	77.550	ng	0.00
42) 2,4,6-Tribromophenol	10.433	330	368635	139.093	ng	0.00
45) 2-Fluorobiphenyl	8.969	172	1363582	71.789	ng	0.00
79) Terphenyl-d14	12.704	244	1288546	106.149	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.263	88	121362	42.411	ng	97
3) Pyridine	2.934	79	245931	32.945	ng	93
4) n-Nitrosodimethylamine	2.893	42	143275	35.290	ng	87
6) Aniline	6.275	93	365432	38.042	ng	# 27
8) 2-Chlorophenol	6.392	128	333430	46.977	ng	94
9) Benzaldehyde	6.157	77	195460	37.428	ng	96
10) Phenol	6.275	94	392926	43.007	ng	77
11) bis(2-Chloroethyl)ether	6.351	93	296691	45.022	ng	95
12) 1,3-Dichlorobenzene	6.545	146	348586	44.634	ng	97
13) 1,4-Dichlorobenzene	6.628	146	356299	44.737	ng	96
14) 1,2-Dichlorobenzene	6.775	146	336015	45.164	ng	97
15) Benzyl Alcohol	6.763	79	254010	41.093	ng	94
16) 2,2'-oxybis(1-Chloropr...	6.892	45	384985	40.054	ng	86
17) 2-Methylphenol	6.881	107	271346	47.028	ng	98
18) Hexachloroethane	7.116	117	135103	43.035	ng	95
19) n-Nitroso-di-n-propyla...	7.034	70	224858	42.743	ng	92
20) 3+4-Methylphenols	7.034	107	336999	44.961	ng	# 71
22) Acetophenone	7.028	105	462057	43.543	ng	# 91
24) Nitrobenzene	7.198	77	343033	39.765	ng	95
25) Isophorone	7.439	82	621505	45.388	ng	98
26) 2-Nitrophenol	7.516	139	177819	50.284	ng	# 83
27) 2,4-Dimethylphenol	7.563	122	280442	51.505	ng	94
28) bis(2-Chloroethoxy)met...	7.651	93	377307	48.935	ng	99
29) 2,4-Dichlorophenol	7.757	162	273778	45.884	ng	98
30) 1,2,4-Trichlorobenzene	7.833	180	284966	44.174	ng	98
31) Naphthalene	7.916	128	958031	42.844	ng	99
32) Benzoic acid	7.716	122	156573	37.184	ng	96
33) 4-Chloroaniline	7.969	127	294174	34.590	ng	98
34) Hexachlorobutadiene	8.028	225	177706	43.103	ng	99
35) Caprolactam	8.351	113	87729m	51.287	ng	
36) 4-Chloro-3-methylphenol	8.463	107	309000	46.721	ng	99
37) 2-Methylnaphthalene	8.604	142	648925	45.516	ng	99
38) 1-Methylnaphthalene	8.704	142	611627	44.657	ng	99
40) 1,2,4,5-Tetrachloroben...	8.769	216	303122	40.157	ng	98
41) Hexachlorocyclopentadiene	8.751	237	274976	68.041	ng	100
43) 2,4,6-Trichlorophenol	8.886	196	198766	37.730	ng	95

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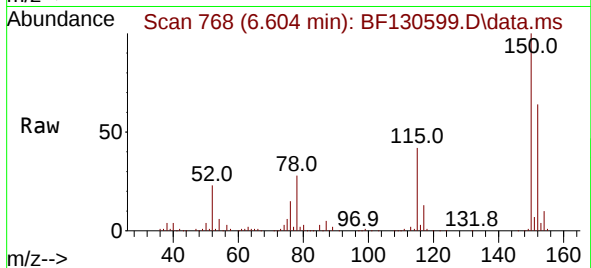
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.933	196	216084	38.011	ng	96
46) 1,1'-Biphenyl	9.069	154	831200	40.238	ng	98
47) 2-Chloronaphthalene	9.092	162	645544	38.632	ng	97
48) 2-Nitroaniline	9.198	65	209468	37.584	ng	86
49) Acenaphthylene	9.504	152	1065698	42.535	ng	99
50) Dimethylphthalate	9.380	163	854232	44.711	ng	99
51) 2,6-Dinitrotoluene	9.439	165	192907	48.278	ng	88
52) Acenaphthene	9.675	154	739153m	44.902	ng	
53) 3-Nitroaniline	9.610	138	147888	33.215	ng	93
54) 2,4-Dinitrophenol	9.722	184	171355	79.129	ng	88
55) Dibenzofuran	9.851	168	958419	41.858	ng	94
56) 4-Nitrophenol	9.792	139	224708	69.292	ng	# 77
57) 2,4-Dinitrotoluene	9.845	165	235370	46.091	ng	95
58) Fluorene	10.192	166	758508	40.506	ng	98
59) 2,3,4,6-Tetrachlorophenol	9.969	232	191282	42.989	ng	90
60) Diethylphthalate	10.075	149	817545	42.671	ng	99
61) 4-Chlorophenyl-phenyle...	10.186	204	349620	42.561	ng	93
62) 4-Nitroaniline	10.227	138	182552m	40.814	ng	
63) Azobenzene	10.345	77	727971	36.899	ng	94
65) 4,6-Dinitro-2-methylph...	10.257	198	122295	56.972	ng	# 78
66) n-Nitrosodiphenylamine	10.310	169	675617	52.431	ng	98
67) 4-Bromophenyl-phenylether	10.674	248	229423	53.932	ng	91
68) Hexachlorobenzene	10.733	284	253103	52.488	ng	99
69) Atrazine	10.839	200	212482	56.425	ng	97
70) Pentachlorophenol	10.933	266	176269	68.111	ng	99
71) Phenanthrene	11.145	178	948296	43.802	ng	100
72) Anthracene	11.198	178	954908	45.706	ng	100
73) Carbazole	11.357	167	872215	46.259	ng	99
74) Di-n-butylphthalate	11.692	149	1115567	49.063	ng	99
75) Fluoranthene	12.327	202	868486	41.514	ng	100
77) Benzidine	12.457	184	293732	50.320	ng	100
78) Pyrene	12.557	202	916344	52.092	ng	100
80) Butylbenzylphthalate	13.180	149	326332	50.077	ng	97
81) Benzo(a)anthracene	13.739	228	593940	44.400	ng	100
82) 3,3'-Dichlorobenzidine	13.710	252	168595	46.300	ng	99
83) Chrysene	13.780	228	589713	46.429	ng	99
84) Bis(2-ethylhexyl)phtha...	13.739	149	352933	47.282	ng	99
85) Di-n-octyl phthalate	14.351	149	598540	52.426	ng	95
87) Indeno(1,2,3-cd)pyrene	16.439	276	600109	39.941	ng	99
88) Benzo(b)fluoranthene	14.751	252	613104	44.335	ng	99
89) Benzo(k)fluoranthene	14.774	252	563764	41.442	ng	99
90) Benzo(a)pyrene	15.074	252	554795	50.639	ng	100
91) Dibenzo(a,h)anthracene	16.451	278	517968	42.023	ng	99
92) Benzo(g,h,i)perylene	16.833	276	522627	42.092	ng	100

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.604 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF130599.D
Acq: 10 Oct 2022 12:56

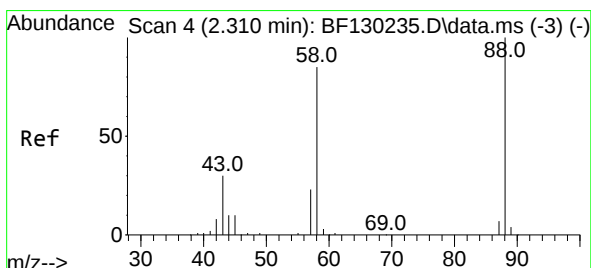
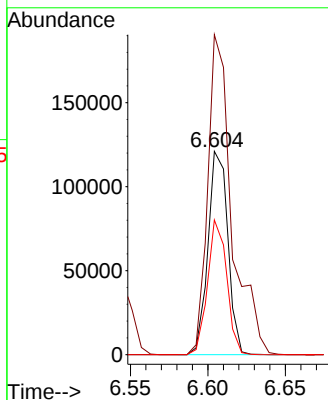
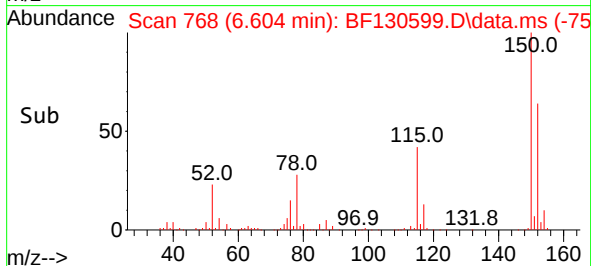
Instrument :
BNA_F
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PB148187BSD



Tgt Ion:152 Resp: 108072
Ion Ratio Lower Upper
152 100
150 157.4 122.8 184.2
115 66.3 53.8 80.8

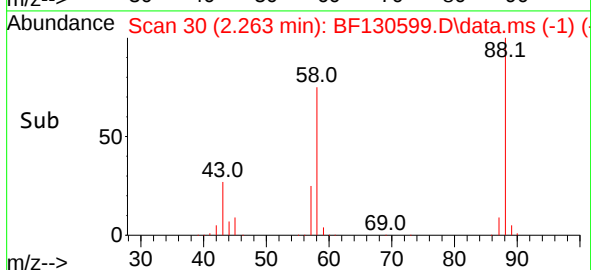
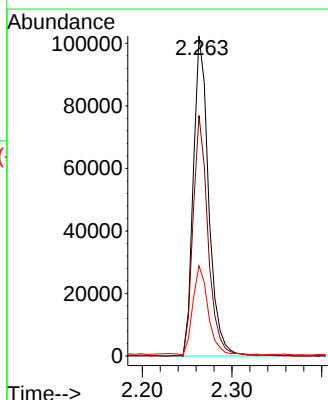
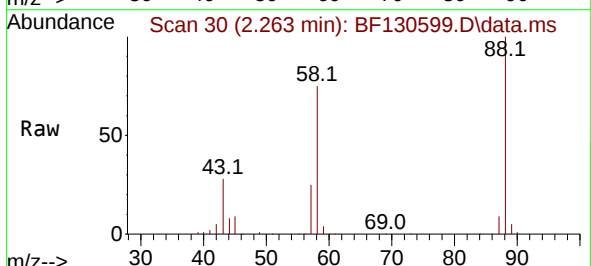
Manual Integrations
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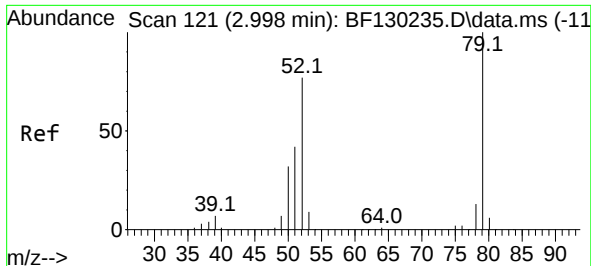
Reviewed By :Christian Giraldo 10/11/2022
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#2
1,4-Dioxane
Concen: 42.411 ng
RT: 2.263 min Scan# 30
Delta R.T. 0.094 min
Lab File: BF130599.D
Acq: 10 Oct 2022 12:56

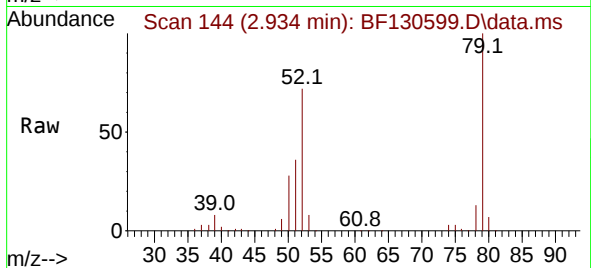
Tgt Ion: 88 Resp: 121362
Ion Ratio Lower Upper
88 100
58 73.4 61.3 91.9
43 27.5 23.0 34.6





#3
Pyridine
Concen: 32.945 ng
RT: 2.934 min Scan# 14
Delta R.T. 0.100 min
Lab File: BF130599.D
Acq: 10 Oct 2022 12:56

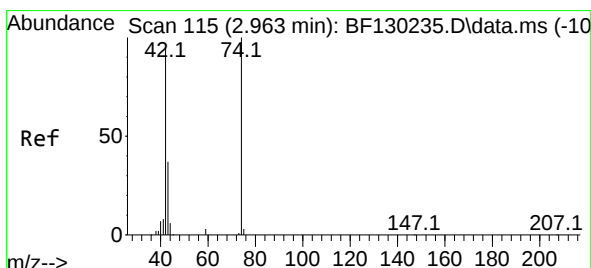
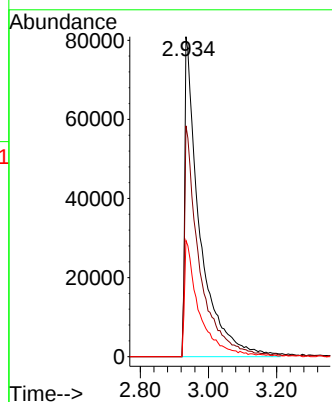
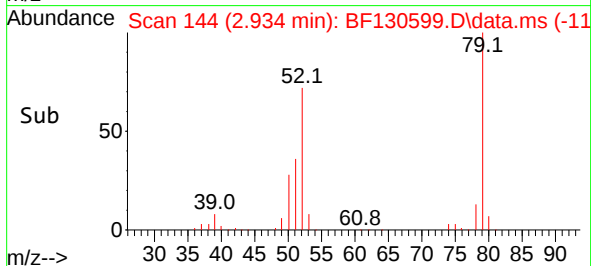
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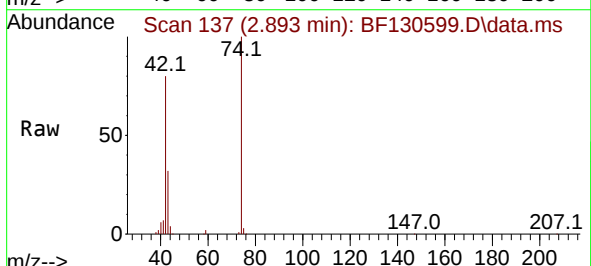
Tgt Ion: 79 Resp: 24593
Ion Ratio Lower Upper
79 100
52 72.2 62.4 93.6
51 36.3 32.2 48.4

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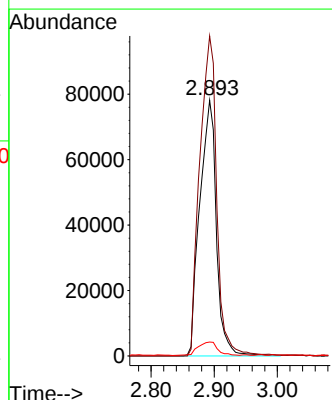
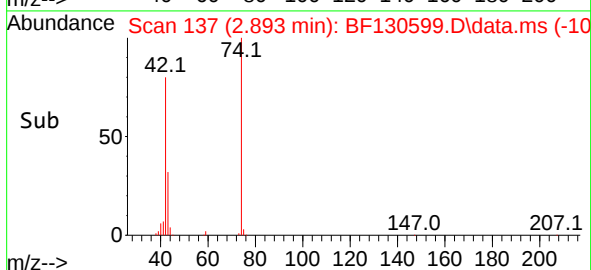
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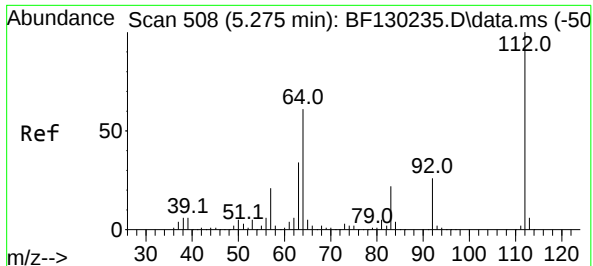


#4
n-Nitrosodimethylamine
Concen: 35.290 ng
RT: 2.893 min Scan# 137
Delta R.T. 0.094 min
Lab File: BF130599.D
Acq: 10 Oct 2022 12:56



Tgt Ion: 42 Resp: 143275
Ion Ratio Lower Upper
42 100
74 125.2 88.4 132.6
44 5.5 5.0 7.4





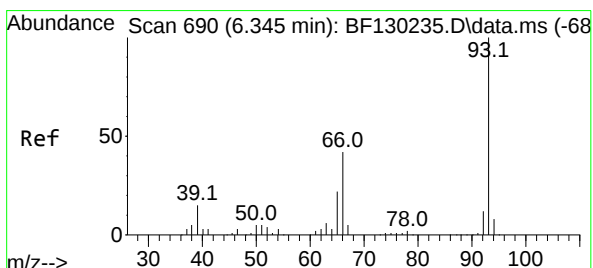
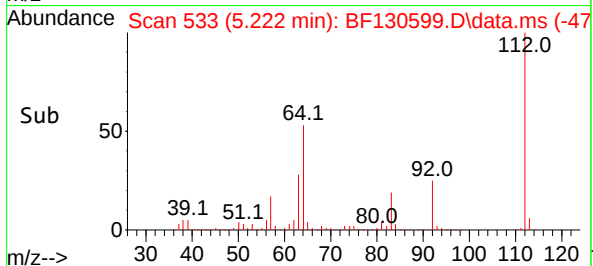
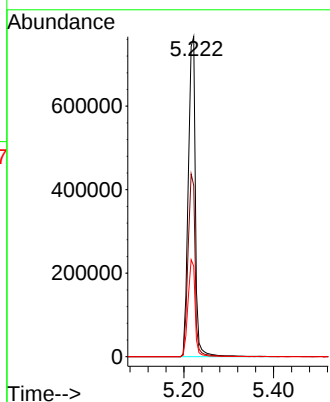
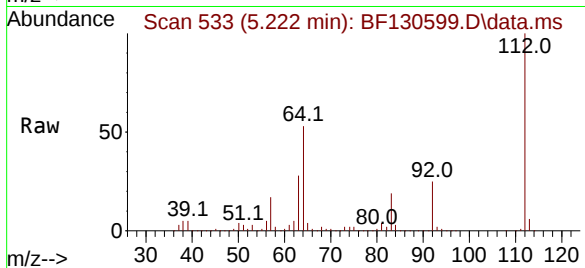
#5
2-Fluorophenol
Concen: 134.562 ng
RT: 5.222 min Scan# 511
Delta R.T. 0.018 min
Lab File: BF130599.D
Acq: 10 Oct 2022 12:56

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Tgt Ion:112 Resp: 83843
Ion Ratio Lower Upper
112 100
64 53.5 51.4 77.0
63 28.3 28.8 43.2

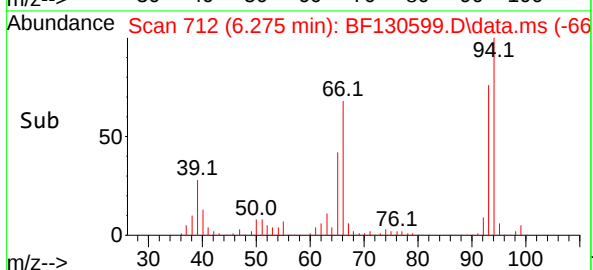
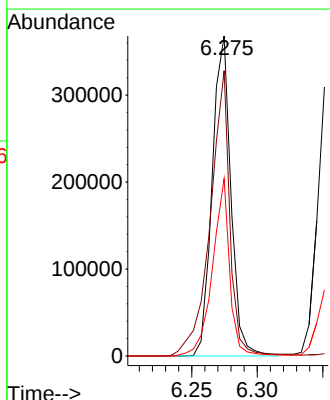
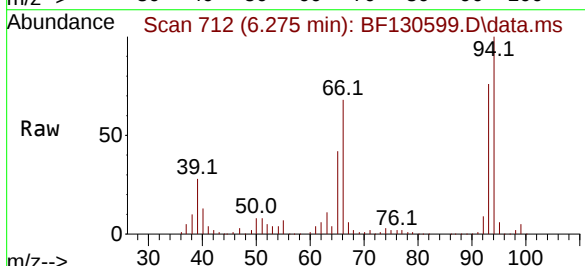
Manual Integrations
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#6
Aniline
Concen: 38.042 ng
RT: 6.275 min Scan# 712
Delta R.T. -0.000 min
Lab File: BF130599.D
Acq: 10 Oct 2022 12:56

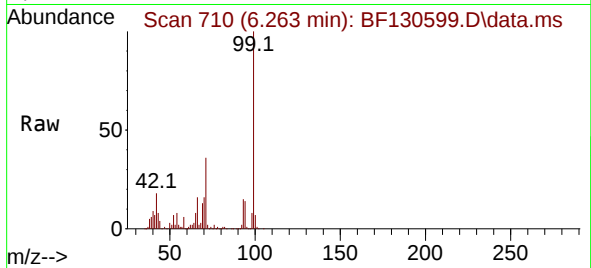
Tgt Ion: 93 Resp: 365432
Ion Ratio Lower Upper
93 100
66 89.2 34.2 51.4#
65 55.4 16.6 24.8#





#7
Phenol-d6
Concen: 131.873 ng
RT: 6.263 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF130599.D
Acq: 10 Oct 2022 12:56

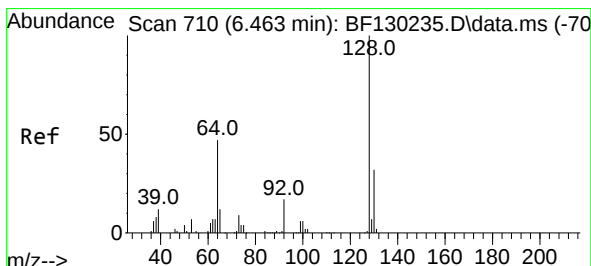
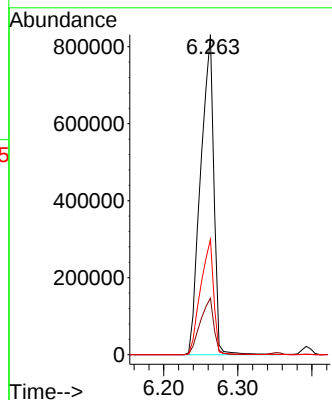
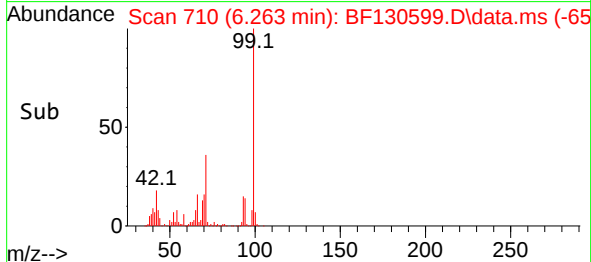
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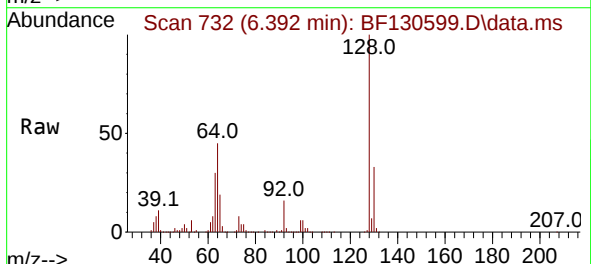
Tgt Ion: 99 Resp: 102811
Ion Ratio Lower Upper
99 100
42 17.7 17.0 25.6
71 36.0 32.3 48.5

Manual Integrations
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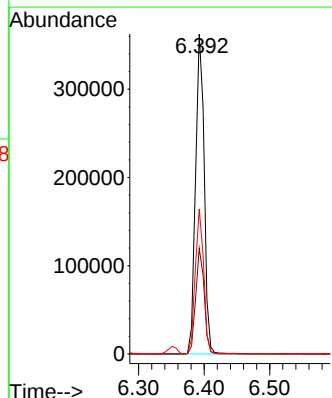
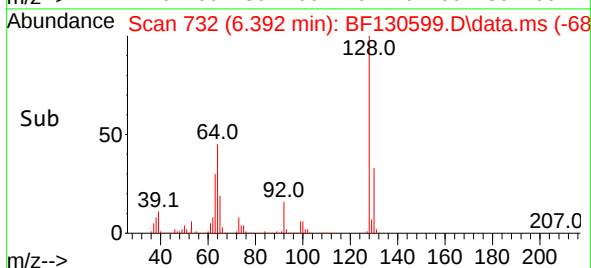
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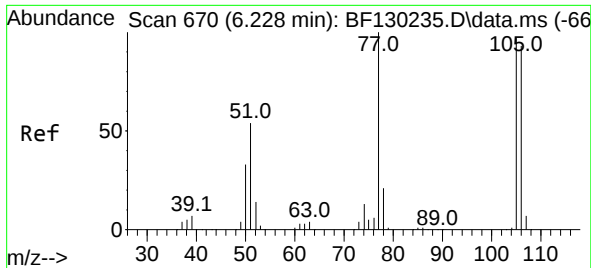


#8
2-Chlorophenol
Concen: 46.977 ng
RT: 6.392 min Scan# 732
Delta R.T. -0.000 min
Lab File: BF130599.D
Acq: 10 Oct 2022 12:56



Tgt Ion:128 Resp: 333430
Ion Ratio Lower Upper
128 100
130 33.0 12.4 52.4
64 45.3 31.6 71.6





#9
Benzaldehyde
Concen: 37.428 ng
RT: 6.157 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF130599.D
Acq: 10 Oct 2022 12:56

Instrument :

BNA_F

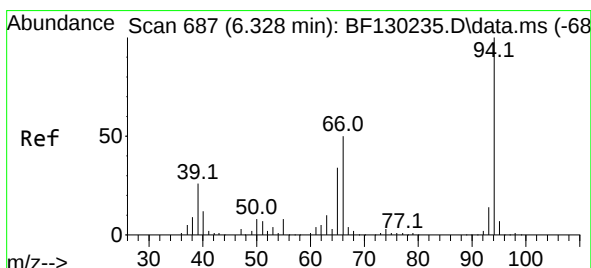
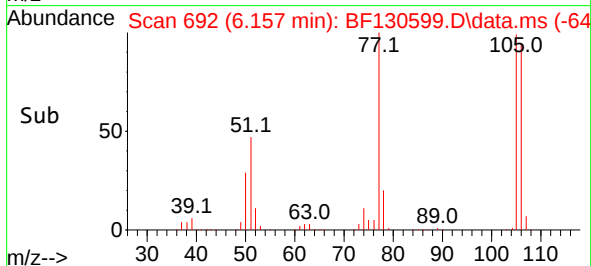
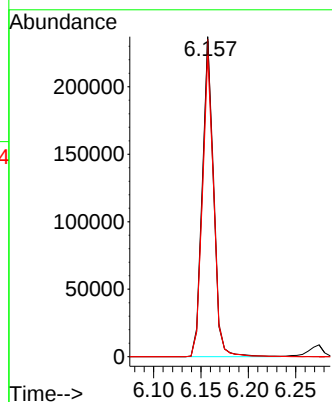
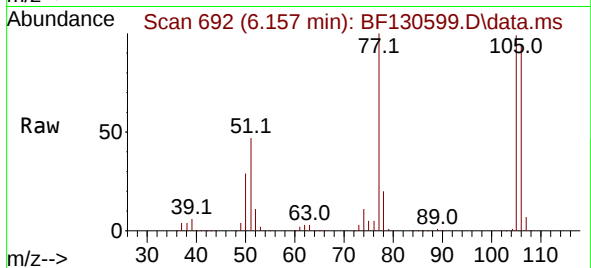
ClientSampleId :

PB148187BSD

Tgt Ion: 77 Resp: 195460
Ion Ratio Lower Upper
77 100
105 99.3 75.1 115.1
106 94.0 69.7 109.7

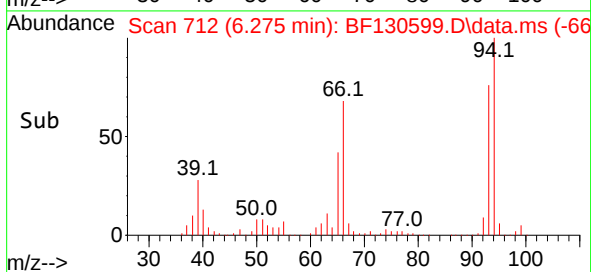
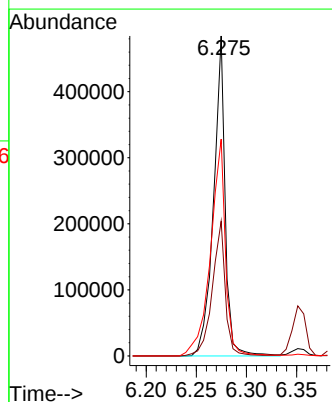
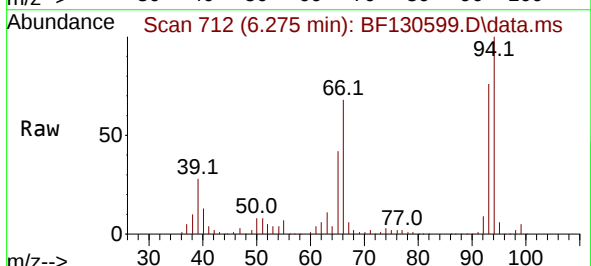
Manual Integrations
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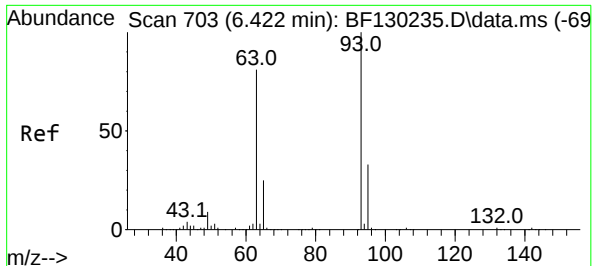
Reviewed By :Christian Giraldo 10/11/2022
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#10
Phenol
Concen: 43.007 ng
RT: 6.275 min Scan# 712
Delta R.T. 0.006 min
Lab File: BF130599.D
Acq: 10 Oct 2022 12:56

Tgt Ion: 94 Resp: 392926
Ion Ratio Lower Upper
94 100
65 42.1 14.1 54.1
66 67.7 28.1 68.1





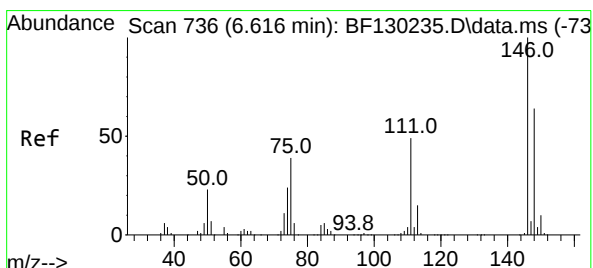
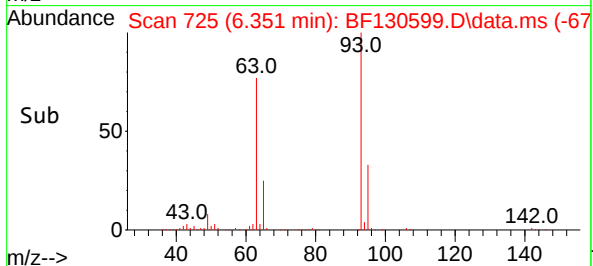
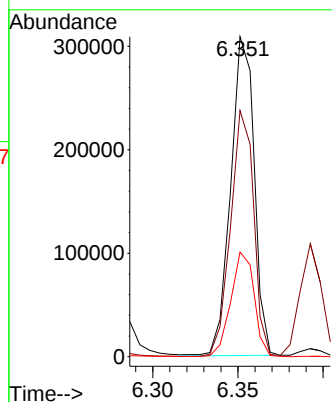
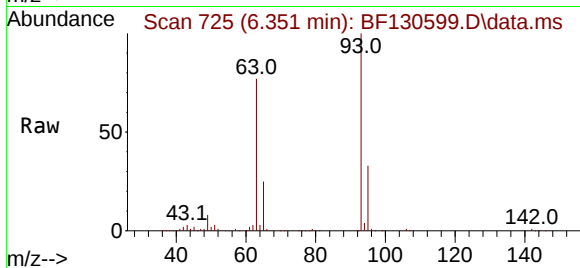
#11
bis(2-Chloroethyl)ether
Concen: 45.022 ng
RT: 6.351 min Scan# 703
Delta R.T. -0.000 min
Lab File: BF130599.D
Acq: 10 Oct 2022 12:56

Instrument :
BNA_F
ClientSampleId :
PB148187BSD

Tgt Ion: 93 Resp: 29669
Ion Ratio Lower Upper
93 100
63 76.9 62.5 102.5
95 32.7 12.5 52.5

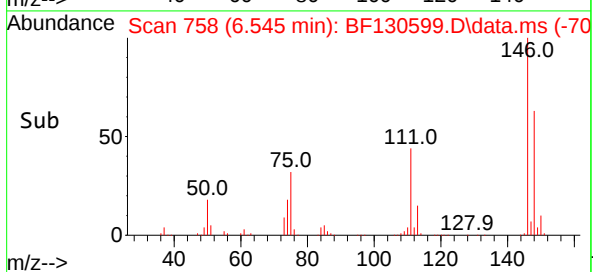
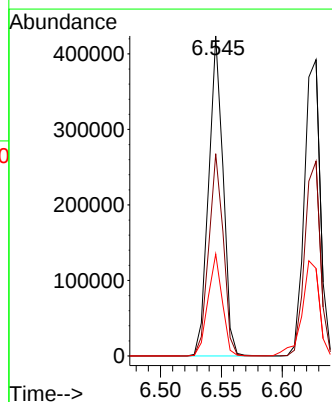
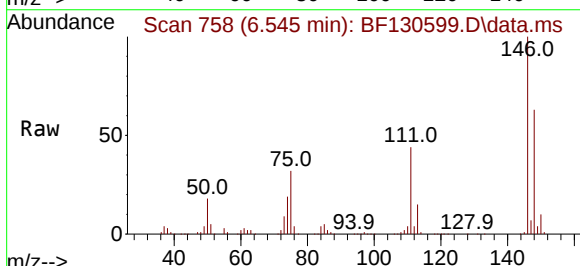
Manual Integrations
APPROVED

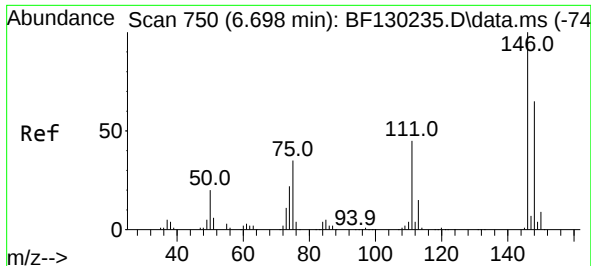
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#12
1,3-Dichlorobenzene
Concen: 44.634 ng
RT: 6.545 min Scan# 758
Delta R.T. -0.000 min
Lab File: BF130599.D
Acq: 10 Oct 2022 12:56

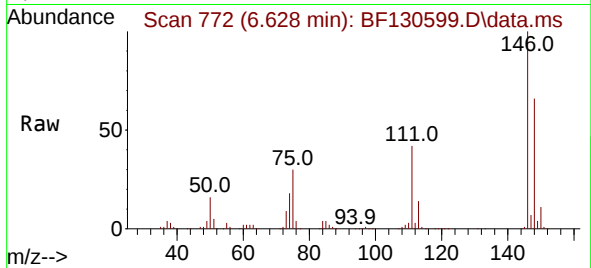
Tgt Ion:146 Resp: 348586
Ion Ratio Lower Upper
146 100
148 63.2 51.4 77.2
75 31.8 28.8 43.2





#13
1,4-Dichlorobenzene
Concen: 44.737 ng
RT: 6.628 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130599.D
Acq: 10 Oct 2022 12:56

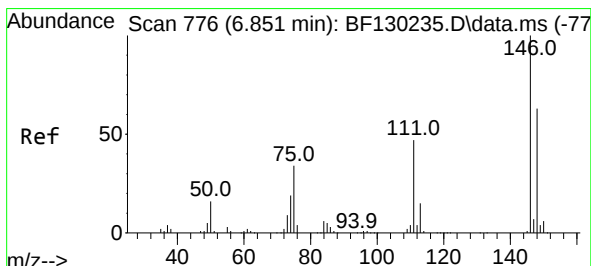
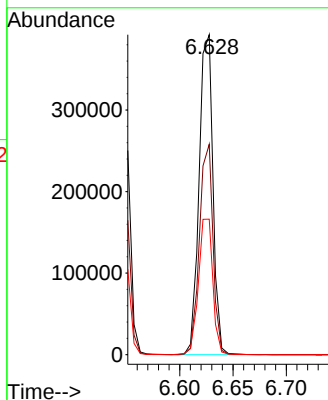
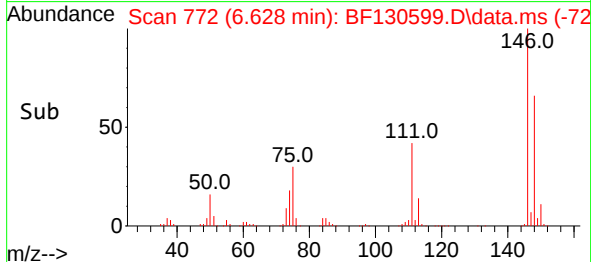
Instrument :
BNA_F
ClientSampleId :
PB148187BSD



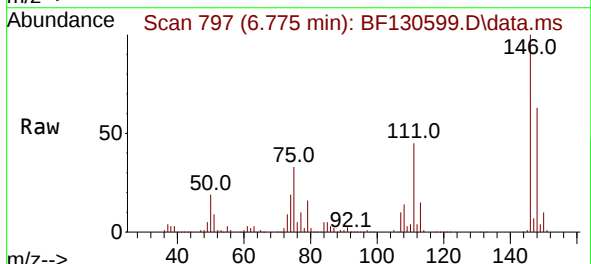
Tgt Ion:146 Resp: 356299
Ion Ratio Lower Upper
146 100
148 65.7 50.3 75.5
111 42.3 36.3 54.5

Manual Integrations
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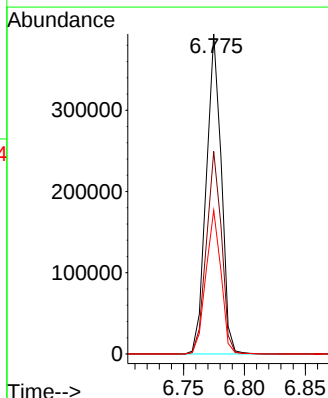
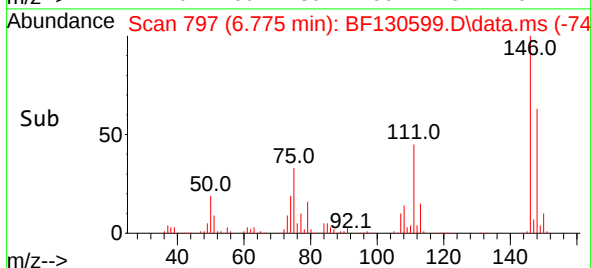
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :Jagrut Upadhyay 10/14/2022

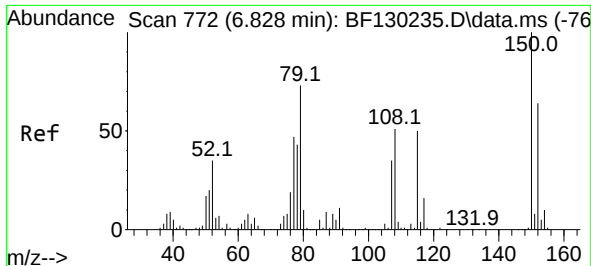


#14
1,2-Dichlorobenzene
Concen: 45.164 ng
RT: 6.775 min Scan# 797
Delta R.T. -0.000 min
Lab File: BF130599.D
Acq: 10 Oct 2022 12:56



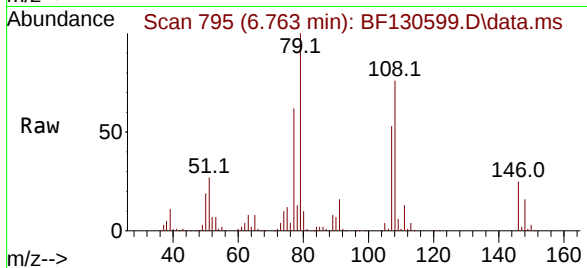
Tgt Ion:146 Resp: 336015
Ion Ratio Lower Upper
146 100
148 63.3 51.6 77.4
111 44.9 39.2 58.8





#15
Benzyl Alcohol
Concen: 41.093 ng
RT: 6.763 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF130599.D
Acq: 10 Oct 2022 12:56

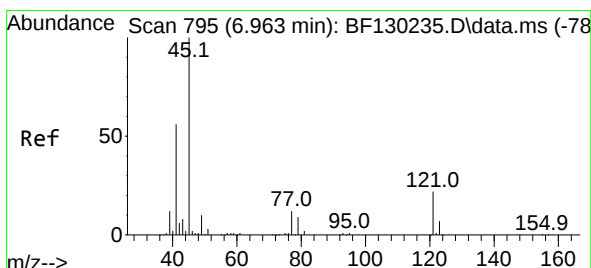
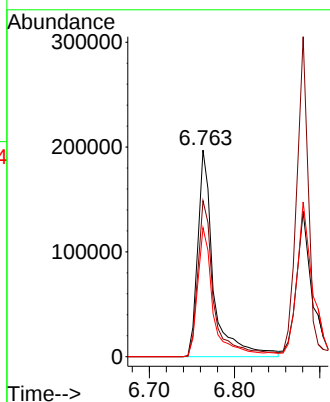
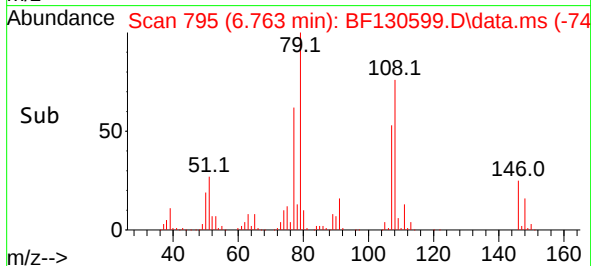
Instrument :
BNA_F
ClientSampleId :
PB148187BSD



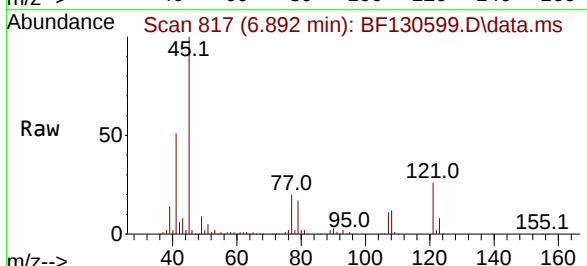
Tgt Ion: 79 Resp: 254010
Ion Ratio Lower Upper
79 100
108 75.5 54.0 81.0
77 62.4 51.3 76.9

Manual Integrations
APPROVED

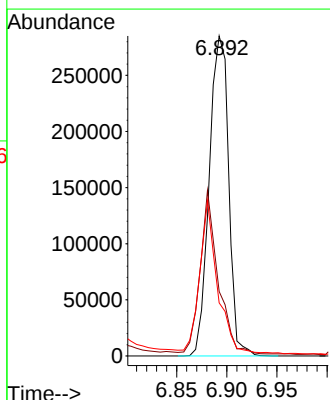
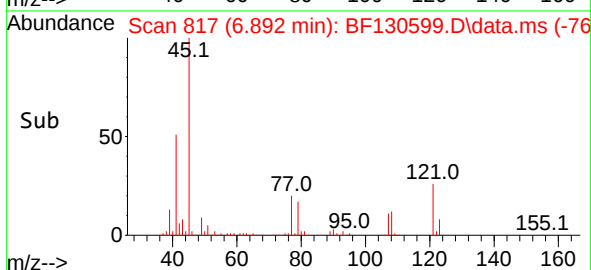
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :Jagrut Upadhyay 10/14/2022

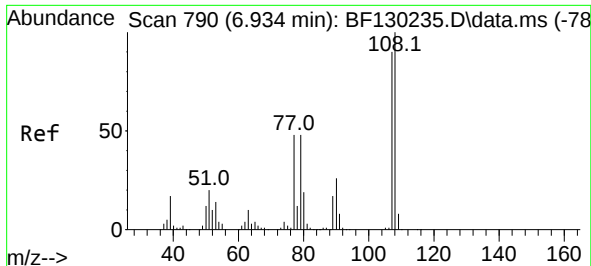


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.054 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.000 min
Lab File: BF130599.D
Acq: 10 Oct 2022 12:56



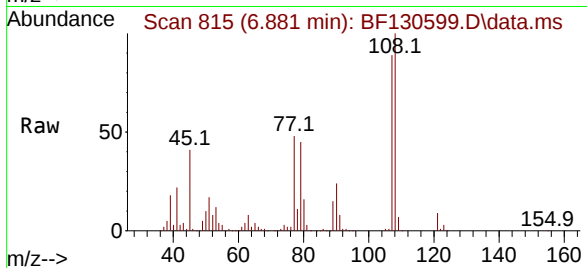
Tgt Ion: 45 Resp: 384985
Ion Ratio Lower Upper
45 100
77 20.2 0.0 34.9
79 16.6 0.0 31.0





#17
2-Methylphenol
Concen: 47.028 ng
RT: 6.881 min Scan# 815
Delta R.T. 0.006 min
Lab File: BF130599.D
Acq: 10 Oct 2022 12:56

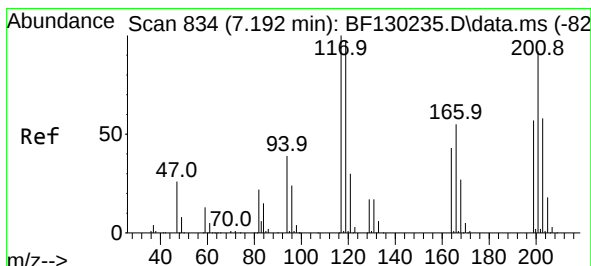
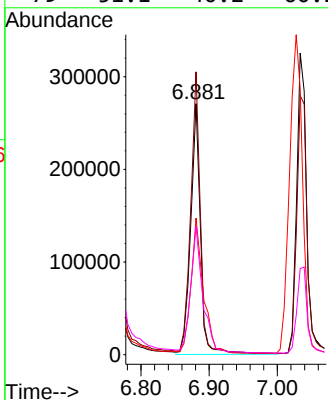
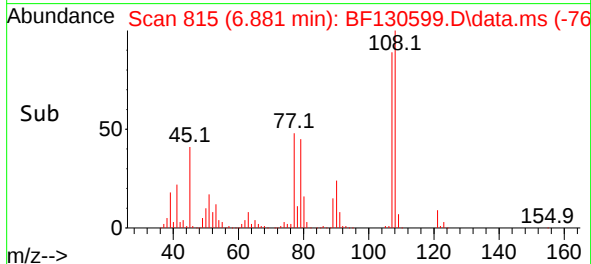
Instrument :
BNA_F
ClientSampleId :
PB148187BSD



Tgt Ion:107 Resp: 271340
Ion Ratio Lower Upper
107 100
108 112.7 89.4 134.0
77 54.5 40.6 60.8
79 51.1 40.2 60.2

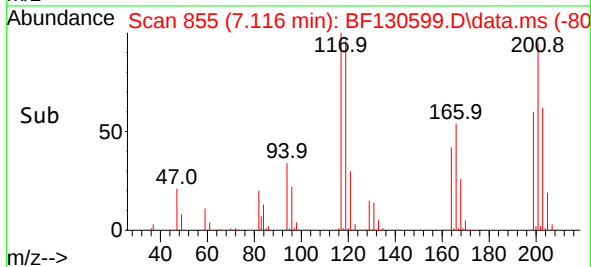
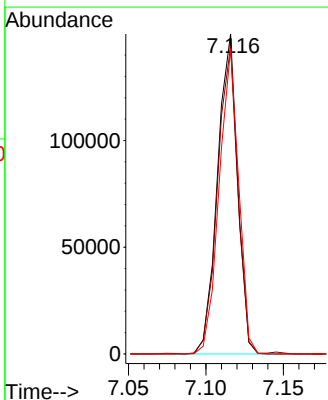
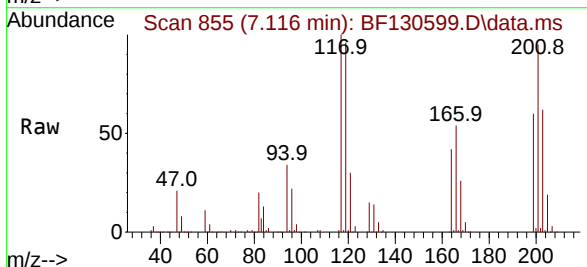
Manual Integrations
APPROVED

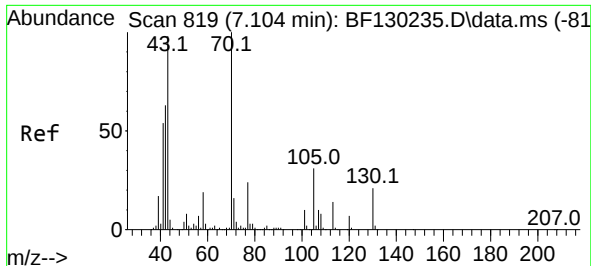
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#18
Hexachloroethane
Concen: 43.035 ng
RT: 7.116 min Scan# 855
Delta R.T. -0.000 min
Lab File: BF130599.D
Acq: 10 Oct 2022 12:56

Tgt Ion:117 Resp: 135103
Ion Ratio Lower Upper
117 100
119 96.1 77.8 116.6
201 95.4 68.7 103.1





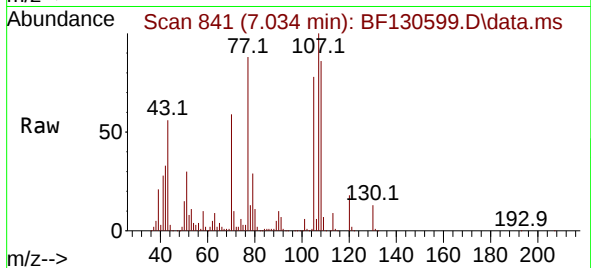
#19
n-Nitroso-di-n-propylamine
Concen: 42.743 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF130599.D
Acq: 10 Oct 2022 12:56

Instrument :

BNA_F

ClientSampleId :

PB148187BSD

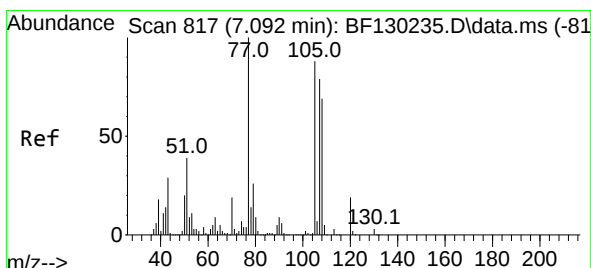
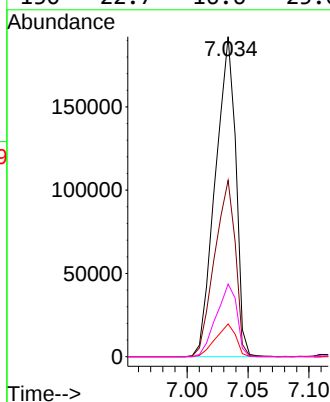
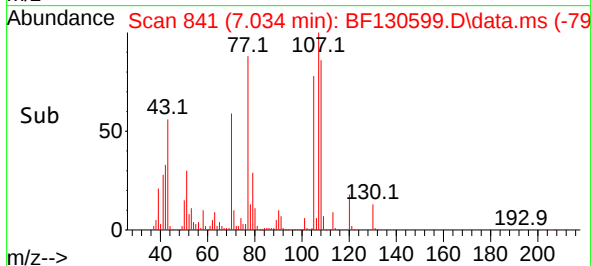


Tgt Ion: 70 Resp: 224858
Ion Ratio Lower Upper
70 100
42 55.1 50.8 76.2
101 10.2 8.2 12.4
130 22.7 16.6 25.0

Manual Integrations

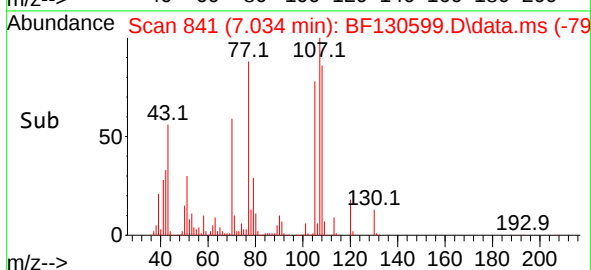
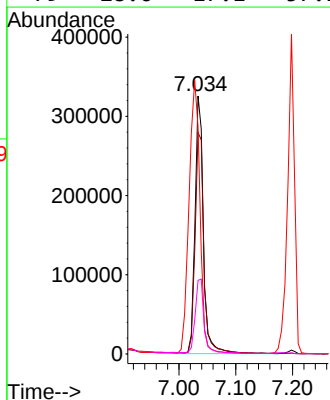
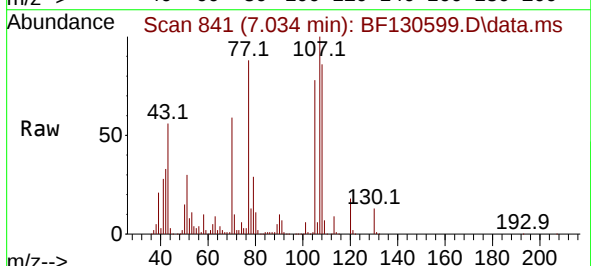
APPROVED

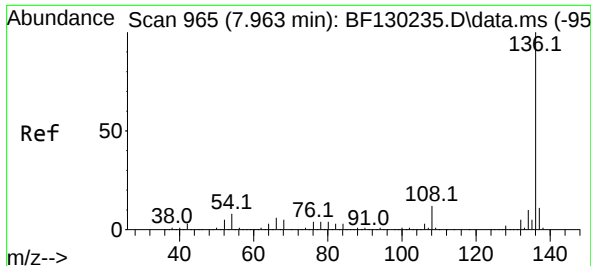
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#20
3+4-Methylphenols
Concen: 44.961 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF130599.D
Acq: 10 Oct 2022 12:56

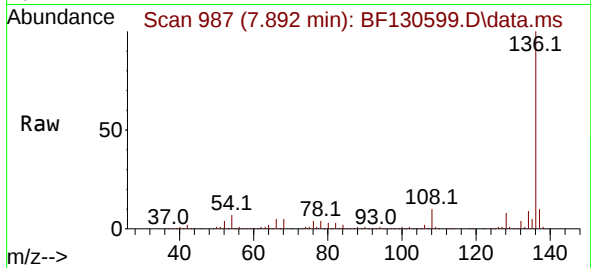
Tgt Ion:107 Resp: 336999
Ion Ratio Lower Upper
107 100
108 85.9 74.8 114.8
77 88.1 125.8 165.8#
79 28.6 17.1 57.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.892 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF130599.D
Acq: 10 Oct 2022 12:56

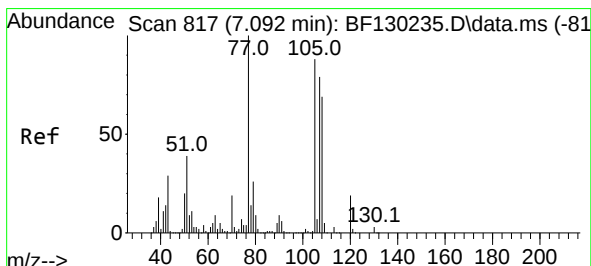
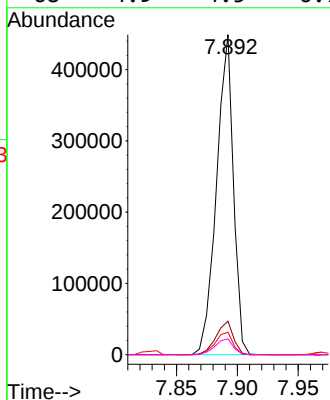
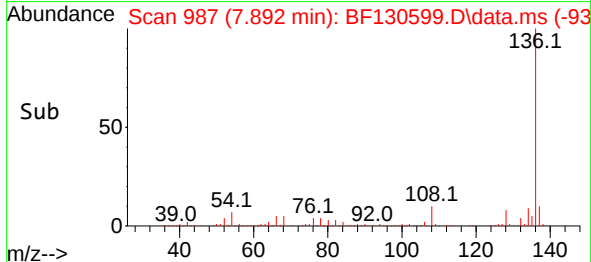
Instrument :
BNA_F
ClientSampleId :
PB148187BSD



Tgt Ion:136 Resp: 43403
Ion Ratio Lower Upper
136 100
137 10.5 9.1 13.7
54 7.0 7.1 10.7
68 4.9 4.5 6.7

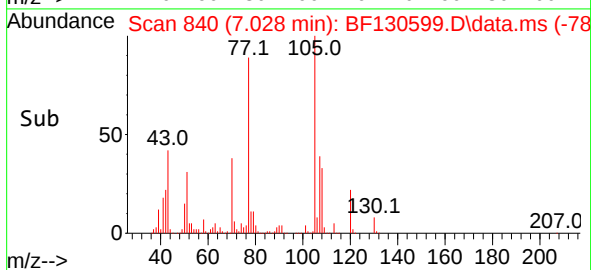
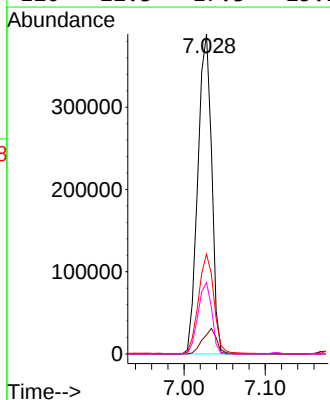
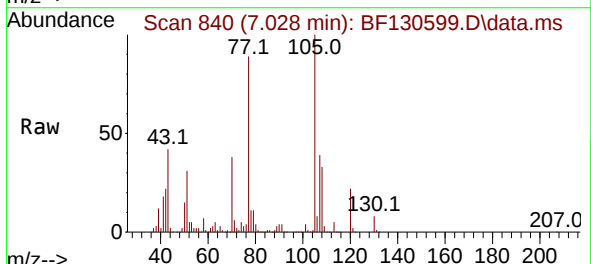
Manual Integrations
APPROVED

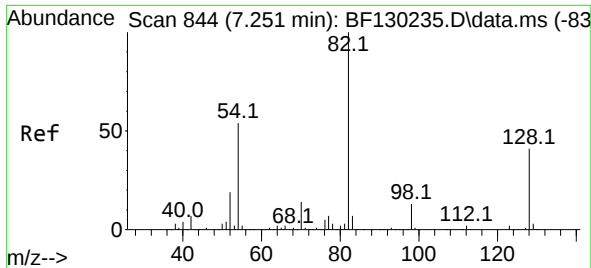
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#22
Acetophenone
Concen: 43.543 ng
RT: 7.028 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF130599.D
Acq: 10 Oct 2022 12:56

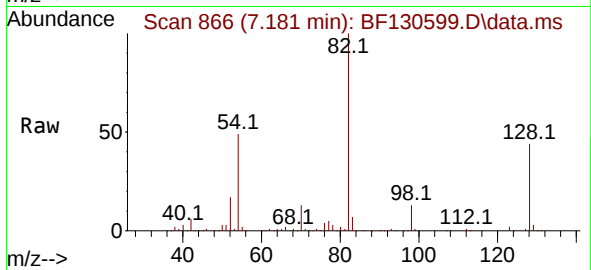
Tgt Ion:105 Resp: 462057
Ion Ratio Lower Upper
105 100
71 6.0 3.9 5.9#
51 31.2 32.2 48.2#
120 22.3 17.3 25.9





#23
Nitrobenzene-d5
Concen: 77.550 ng
RT: 7.181 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF130599.D
Acq: 10 Oct 2022 12:56

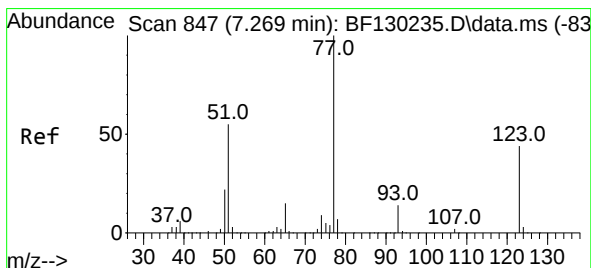
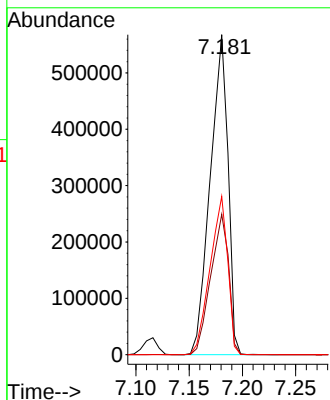
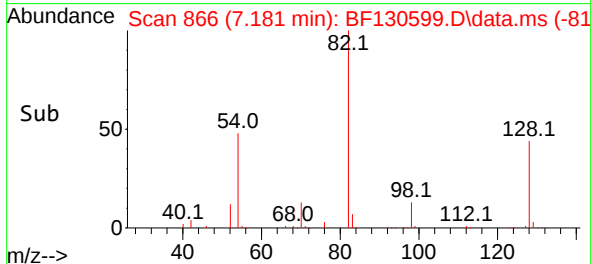
Instrument :
BNA_F
ClientSampleId :
PB148187BSD



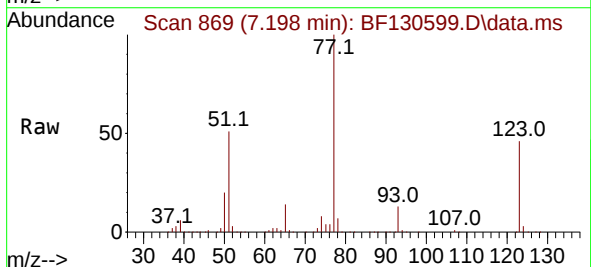
Tgt Ion: 82 Resp: 65884
Ion Ratio Lower Upper
82 100
128 43.9 32.6 49.0
54 49.4 43.8 65.6

Manual Integrations
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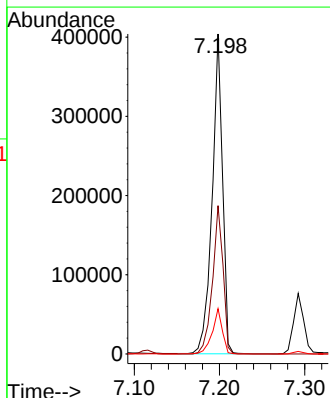
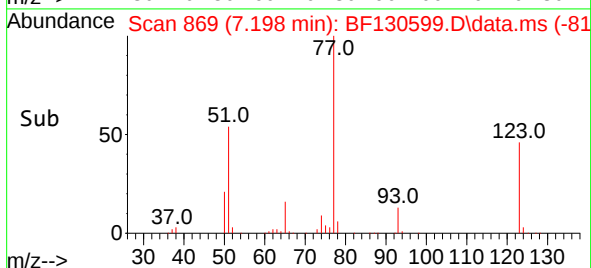
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :Jagrut Upadhyay 10/14/2022

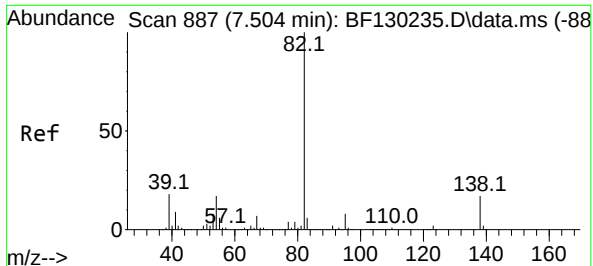


#24
Nitrobenzene
Concen: 39.765 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF130599.D
Acq: 10 Oct 2022 12:56



Tgt Ion: 77 Resp: 343033
Ion Ratio Lower Upper
77 100
123 46.4 34.3 51.5
65 14.2 12.0 18.0





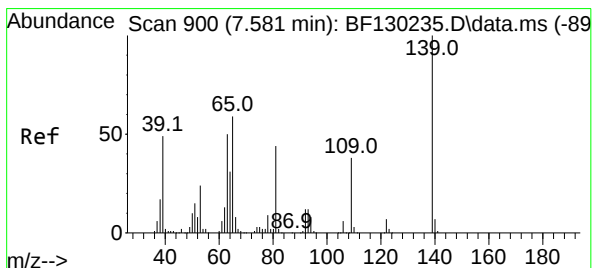
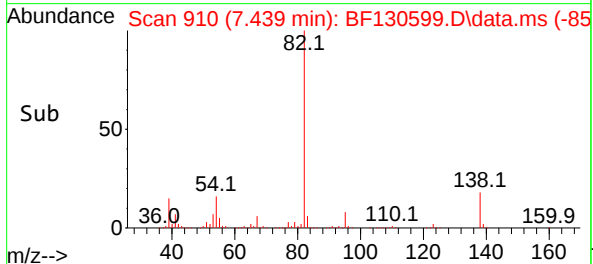
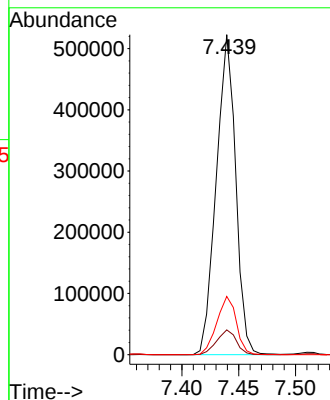
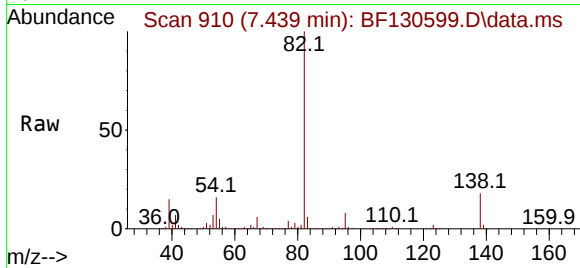
#25
Isophorone
Concen: 45.388 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.000 min
Lab File: BF130599.D
Acq: 10 Oct 2022 12:56

Instrument :
BNA_F
ClientSampleId :
PB148187BSD

Tgt Ion: 82 Resp: 62150
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 18.2 13.8 20.6

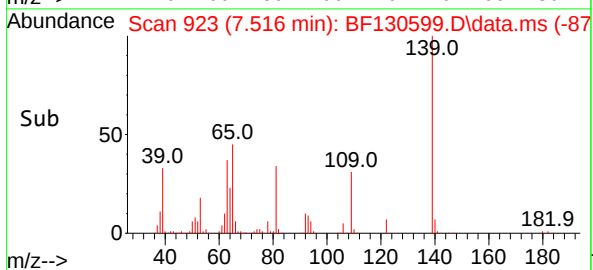
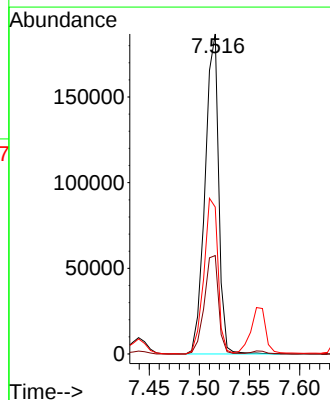
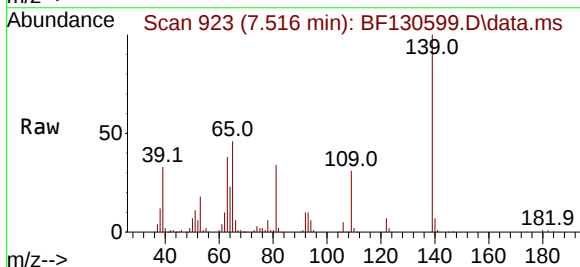
Manual Integrations
APPROVED

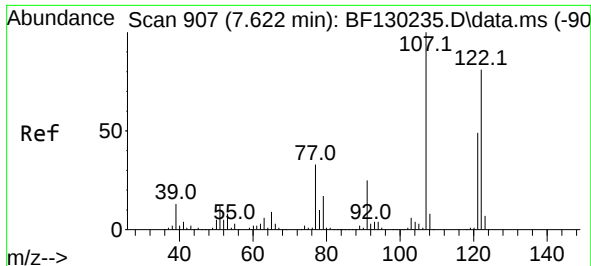
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#26
2-Nitrophenol
Concen: 50.284 ng
RT: 7.516 min Scan# 923
Delta R.T. 0.006 min
Lab File: BF130599.D
Acq: 10 Oct 2022 12:56

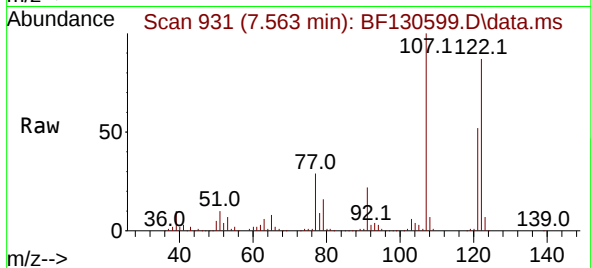
Tgt Ion:139 Resp: 177819
Ion Ratio Lower Upper
139 100
109 30.7 30.2 45.4
65 45.9 48.9 73.3





#27
2,4-Dimethylphenol
Concen: 51.505 ng
RT: 7.563 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF130599.D
Acq: 10 Oct 2022 12:56

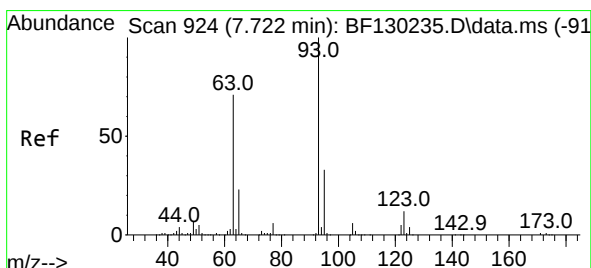
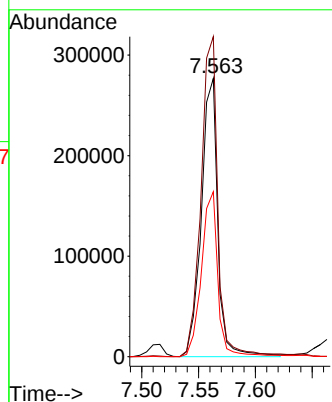
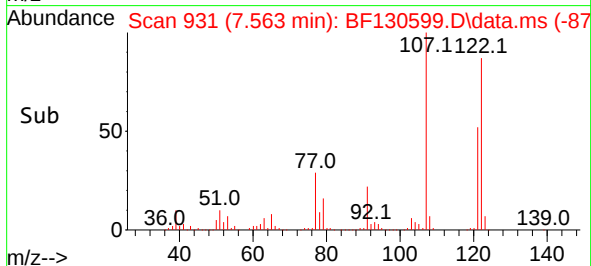
Instrument :
BNA_F
ClientSampleId :
PB148187BSD



Tgt Ion:122 Resp: 28044
Ion Ratio Lower Upper
122 100
107 115.0 100.2 150.2
121 59.3 47.8 71.8

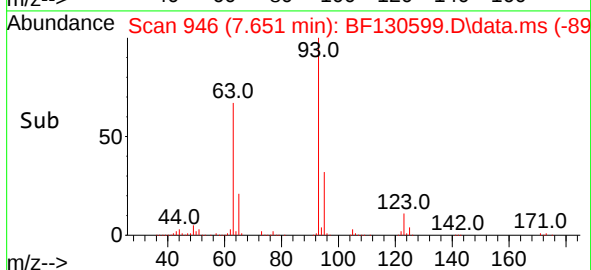
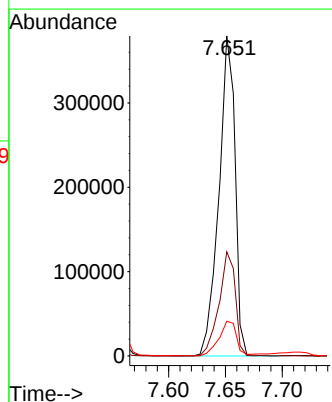
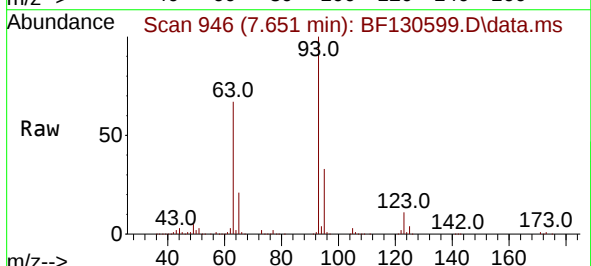
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 10/11/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#28
bis(2-Chloroethoxy)methane
Concen: 48.935 ng
RT: 7.651 min Scan# 946
Delta R.T. -0.000 min
Lab File: BF130599.D
Acq: 10 Oct 2022 12:56

Tgt Ion: 93 Resp: 377307
Ion Ratio Lower Upper
93 100
95 32.6 26.3 39.5
123 10.9 9.4 14.2





#29

2,4-Dichlorophenol

Concen: 45.884 ng

RT: 7.757 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF130599.D

Acq: 10 Oct 2022 12:56

Instrument :

BNA_F

ClientSampleId :

PB148187BSD

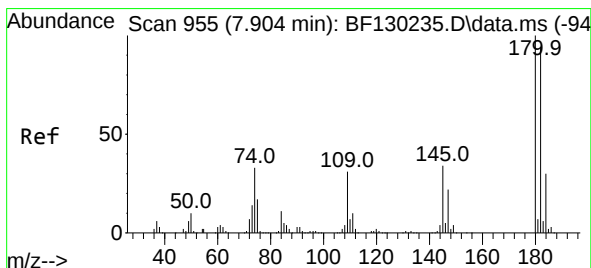
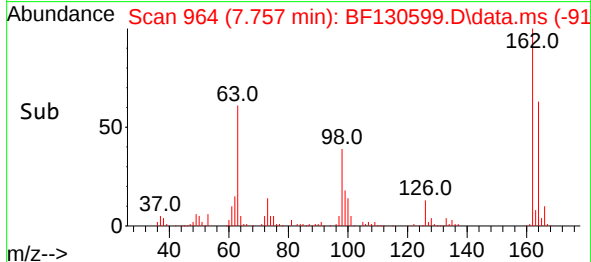
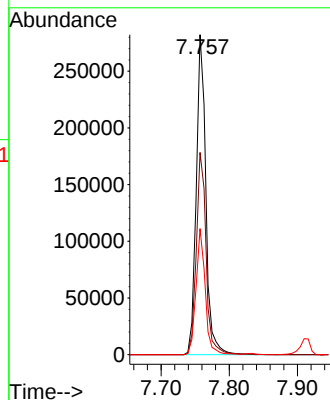
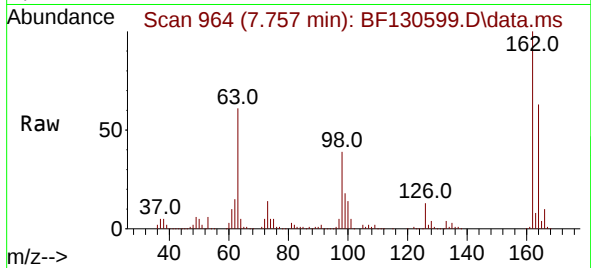
Tgt Ion:162 Resp: 273778
 Ion Ratio Lower Upper
 162 100
 164 63.2 42.2 82.2
 98 39.4 21.7 61.7

Manual Integrations

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Reviewed By :Christian Giraldo 10/11/2022

Supervised By :Jagrut Upadhyay 10/14/2022



#30

1,2,4-Trichlorobenzene

Concen: 44.174 ng

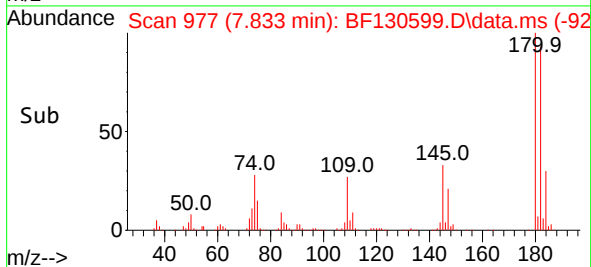
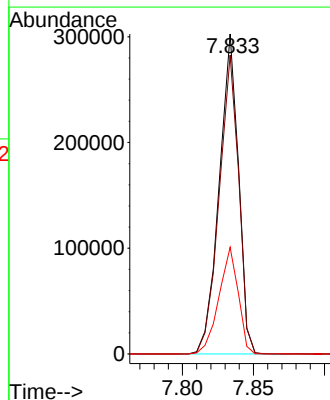
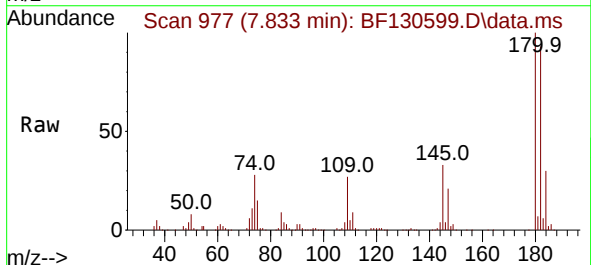
RT: 7.833 min Scan# 977

Delta R.T. -0.000 min

Lab File: BF130599.D

Acq: 10 Oct 2022 12:56

Tgt Ion:180 Resp: 284966
 Ion Ratio Lower Upper
 180 100
 182 93.4 73.3 109.9
 145 33.3 28.3 42.5





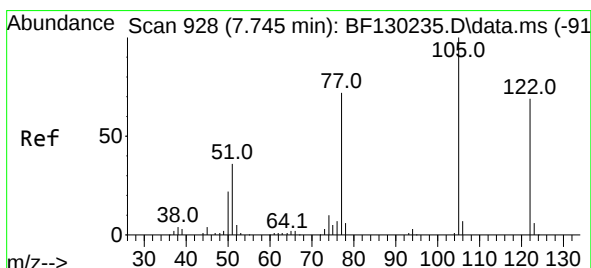
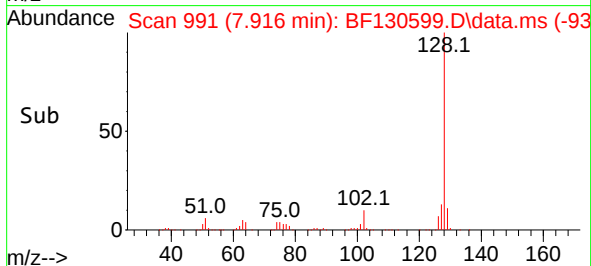
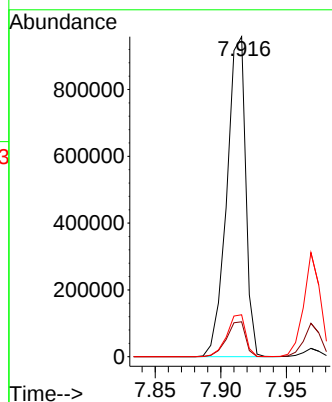
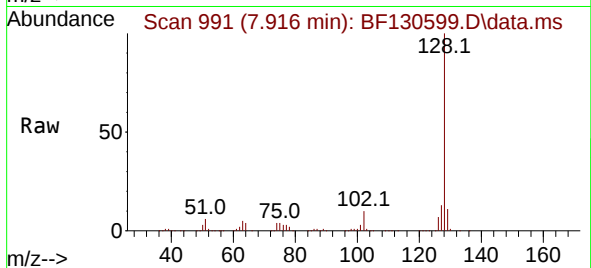
#31
Naphthalene
Concen: 42.844 ng
RT: 7.916 min Scan# 957
Delta R.T. 0.006 min
Lab File: BF130599.D
Acq: 10 Oct 2022 12:56

Instrument :
BNA_F
ClientSampleId :
PB148187BSD

Tgt Ion:128 Resp: 95803
Ion Ratio Lower Upper
128 100
129 10.9 9.1 13.7
127 13.1 10.6 16.0

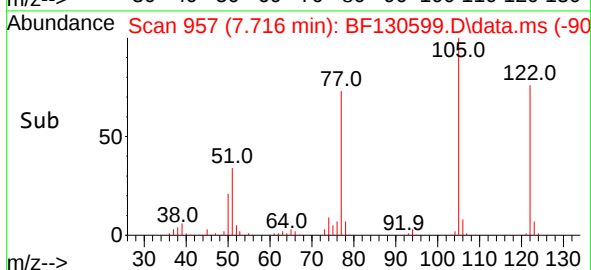
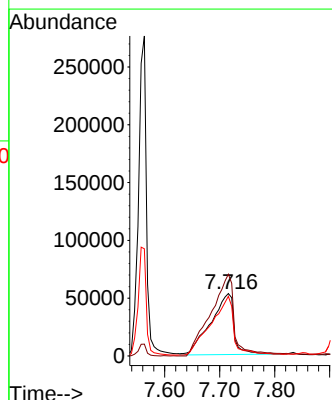
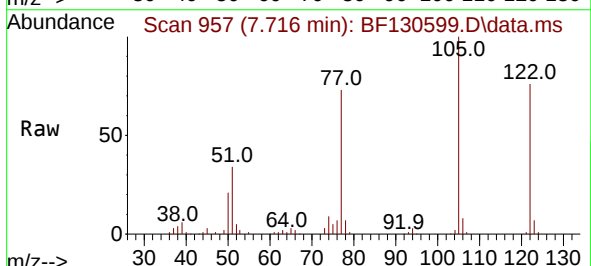
Manual Integrations
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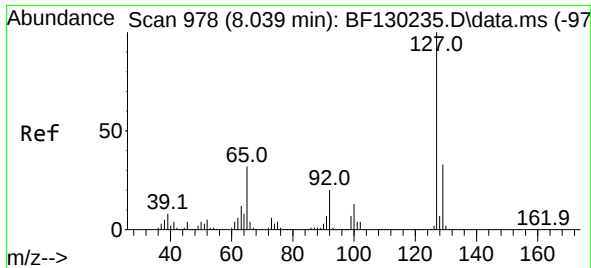
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#32
Benzoic acid
Concen: 37.184 ng
RT: 7.716 min Scan# 957
Delta R.T. 0.018 min
Lab File: BF130599.D
Acq: 10 Oct 2022 12:56

Tgt Ion:122 Resp: 156573
Ion Ratio Lower Upper
122 100
105 131.0 112.9 152.9
77 95.7 82.8 122.8





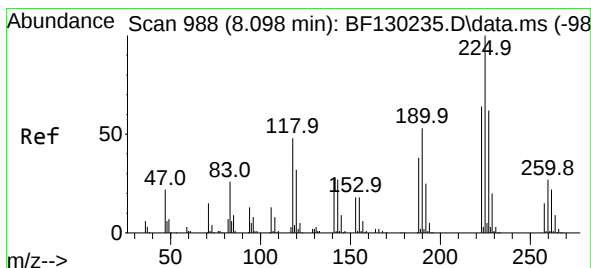
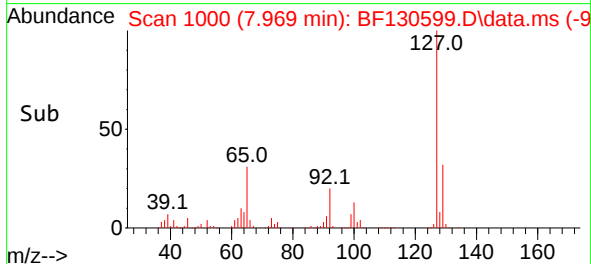
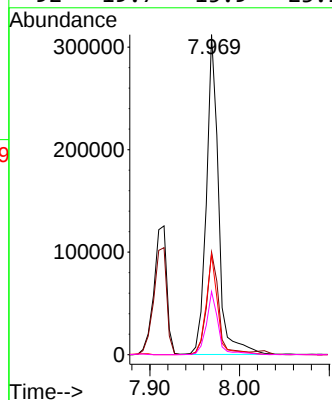
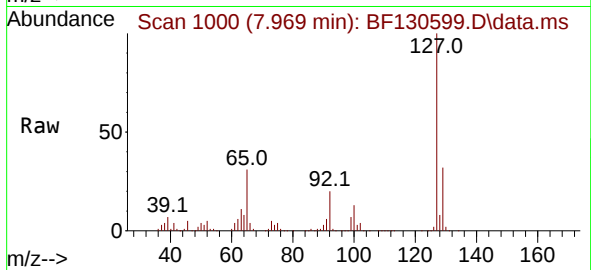
#33
4-Chloroaniline
Concen: 34.590 ng
RT: 7.969 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BF130599.D
Acq: 10 Oct 2022 12:56

Instrument :
BNA_F
ClientSampleId :
PB148187BSD

Tgt Ion:127	Resp: 294174
Ion Ratio	Lower Upper
127 100	
129 32.1	25.6 38.4
65 31.4	27.0 40.6
92 19.7	15.9 23.9

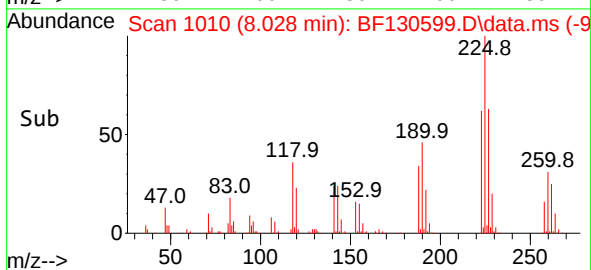
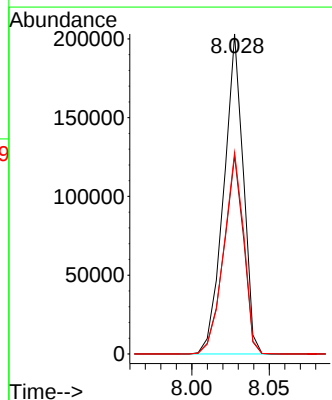
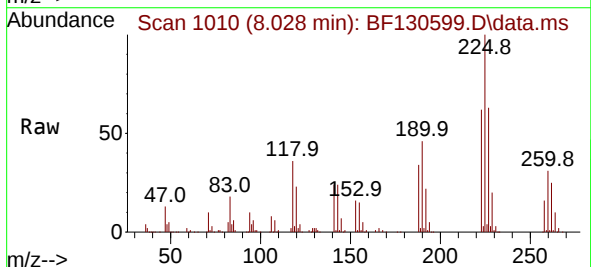
Manual Integrations
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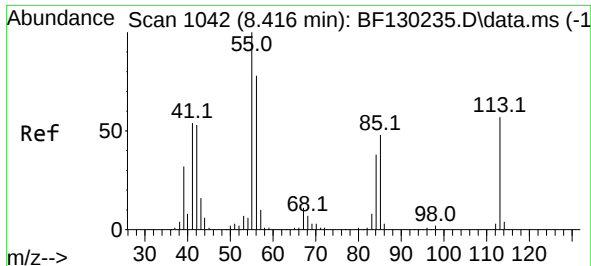
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#34
Hexachlorobutadiene
Concen: 43.103 ng
RT: 8.028 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BF130599.D
Acq: 10 Oct 2022 12:56

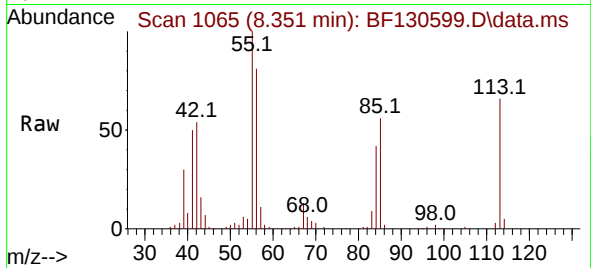
Tgt Ion:225	Resp: 177706
Ion Ratio	Lower Upper
225 100	
223 61.9	50.3 75.5
227 63.1	51.1 76.7





#35
Caprolactam
Concen: 51.287 ng m
RT: 8.351 min Scan# 1065
Delta R.T. 0.006 min
Lab File: BF130599.D
Acq: 10 Oct 2022 12:56

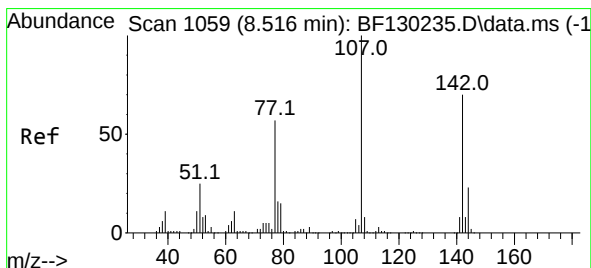
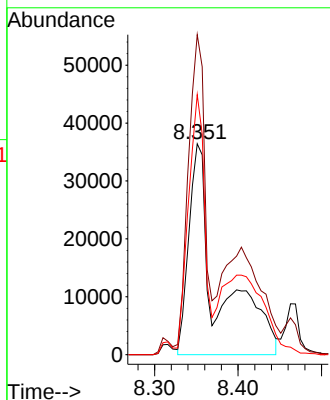
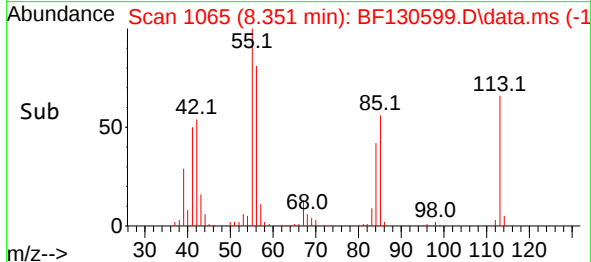
Instrument :
BNA_F
ClientSampleId :
PB148187BSD



Tgt Ion:113 Resp: 87729
Ion Ratio Lower Upper
113 100
55 151.7 155.4 195.4
56 123.3 120.4 160.4

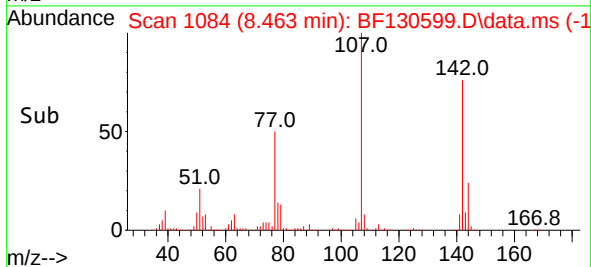
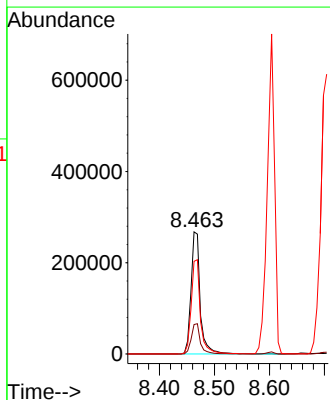
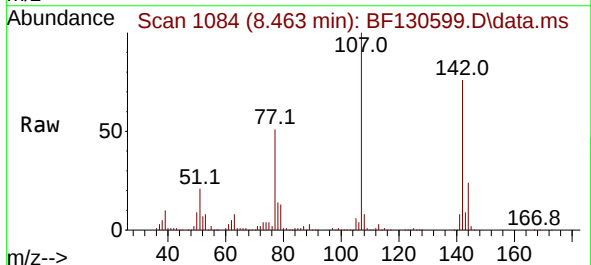
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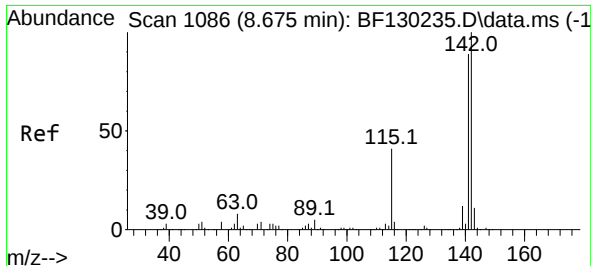
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#36
4-Chloro-3-methylphenol
Concen: 46.721 ng
RT: 8.463 min Scan# 1084
Delta R.T. 0.006 min
Lab File: BF130599.D
Acq: 10 Oct 2022 12:56

Tgt Ion:107 Resp: 309000
Ion Ratio Lower Upper
107 100
144 24.1 20.0 30.0
142 76.0 61.3 91.9





#37

2-Methylnaphthalene

Concen: 45.516 ng

RT: 8.604 min Scan# 1108

Delta R.T. -0.000 min

Lab File: BF130599.D

Acq: 10 Oct 2022 12:56

Instrument :

BNA_F

ClientSampleId :

PB148187BSD

Tgt Ion:142 Resp: 64892

Ion Ratio Lower Upper

142 100

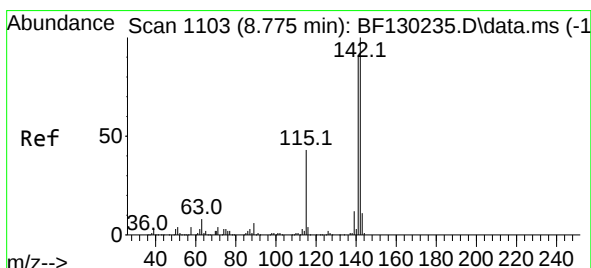
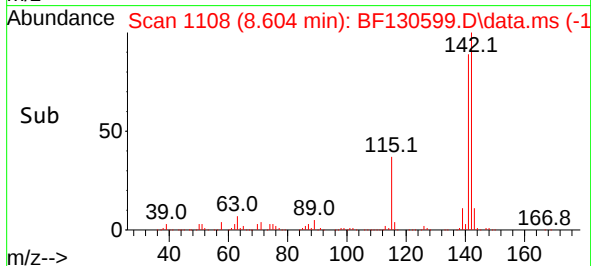
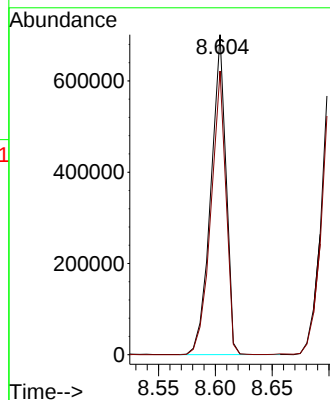
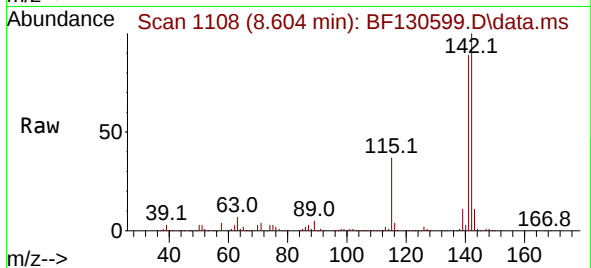
141 88.7 70.0 105.0

Manual Integrations

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Reviewed By :Christian Giraldo 10/11/2022

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#38

1-Methylnaphthalene

Concen: 44.657 ng

RT: 8.704 min Scan# 1125

Delta R.T. 0.006 min

Lab File: BF130599.D

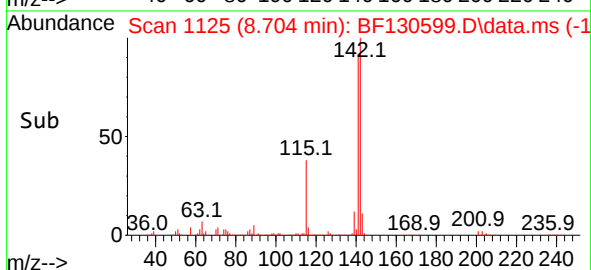
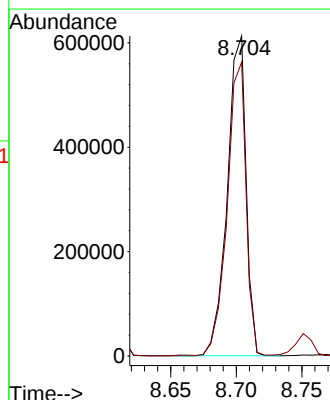
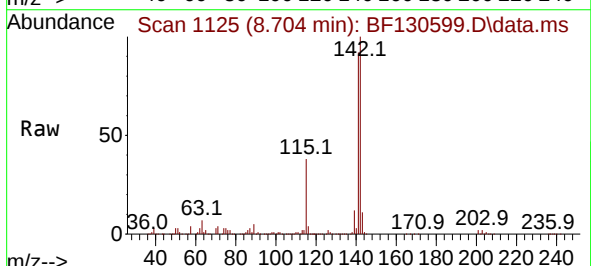
Acq: 10 Oct 2022 12:56

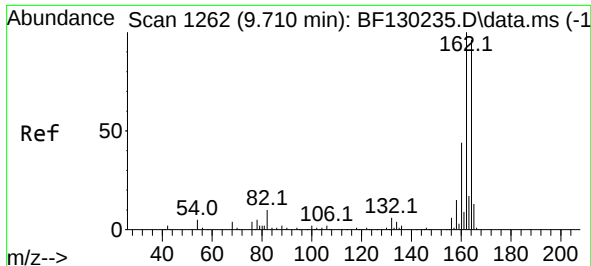
Tgt Ion:142 Resp: 611627

Ion Ratio Lower Upper

142 100

141 91.8 73.8 110.8





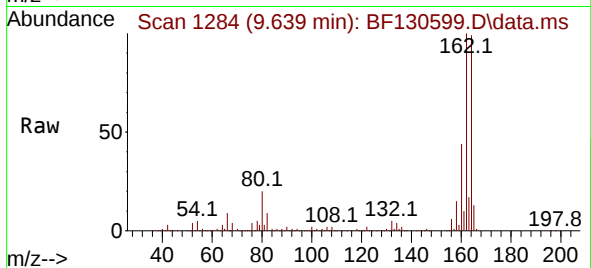
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.639 min Scan# 1136
Delta R.T. -0.000 min
Lab File: BF130599.D
Acq: 10 Oct 2022 12:56

Instrument :

BNA_F

ClientSampleId :

PB148187BSD

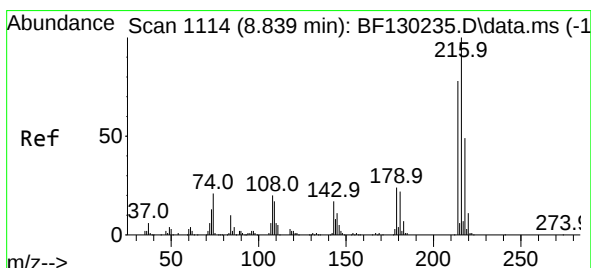
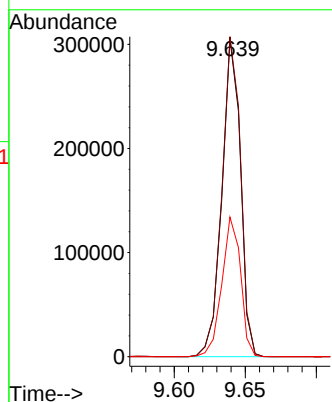
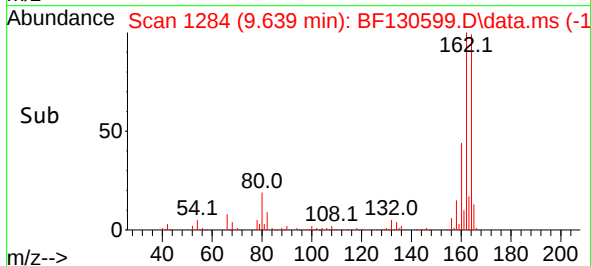


Tgt Ion:164 Resp: 276592
Ion Ratio Lower Upper
164 100
162 100.6 81.4 122.0
160 43.9 36.2 54.4

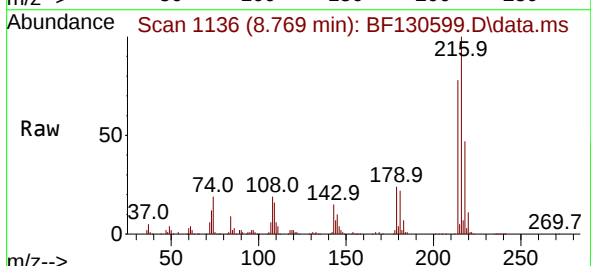
Manual Integrations

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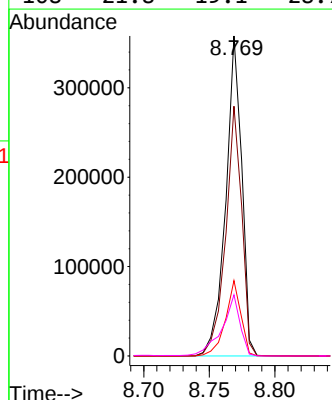
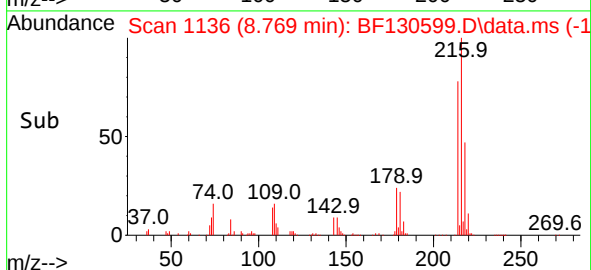
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :Jagrut Upadhyay 10/14/2022

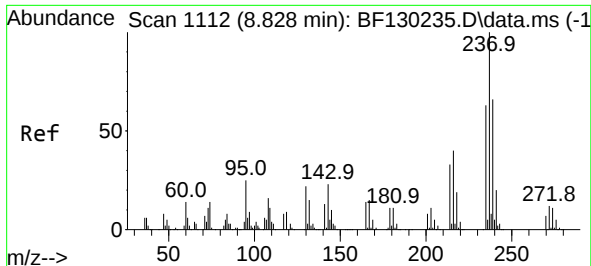


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.157 ng
RT: 8.769 min Scan# 1136
Delta R.T. -0.000 min
Lab File: BF130599.D
Acq: 10 Oct 2022 12:56



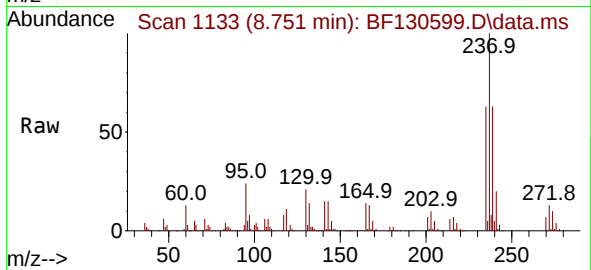
Tgt Ion:216 Resp: 303122
Ion Ratio Lower Upper
216 100
214 78.3 62.8 94.2
179 22.7 19.5 29.3
108 21.8 19.1 28.7





#41
Hexachlorocyclopentadiene
Concen: 68.041 ng
RT: 8.751 min Scan# 1112
Delta R.T. 0.000 min
Lab File: BF130599.D
Acq: 10 Oct 2022 12:56

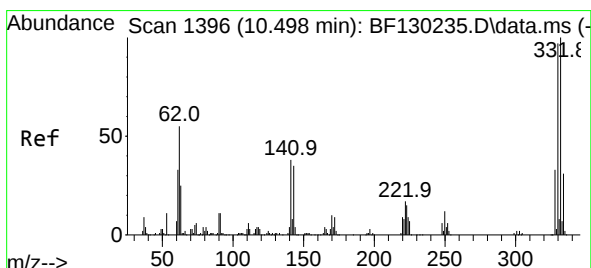
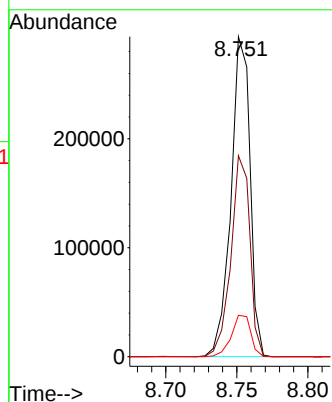
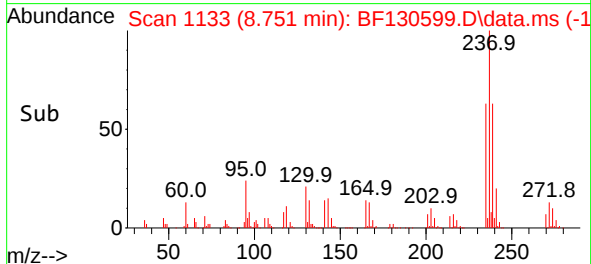
Instrument :
BNA_F
ClientSampleId :
PB148187BSD



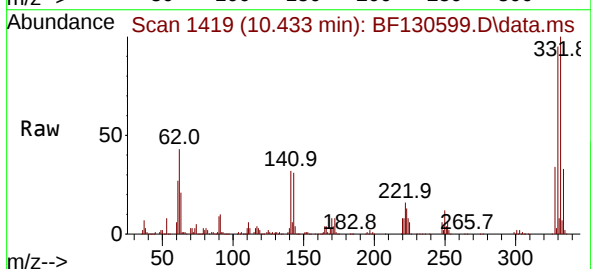
Tgt Ion:237 Resp: 274970
Ion Ratio Lower Upper
237 100
235 62.8 42.5 82.5
272 13.0 0.0 32.8

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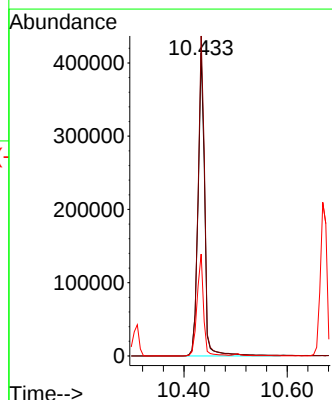
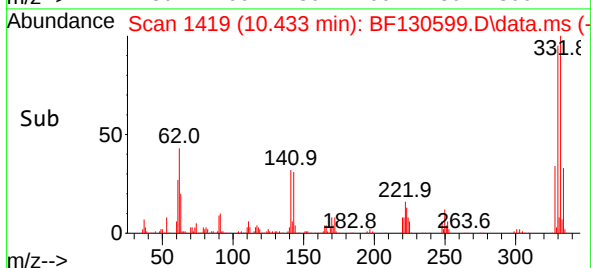
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :Jagrut Upadhyay 10/14/2022

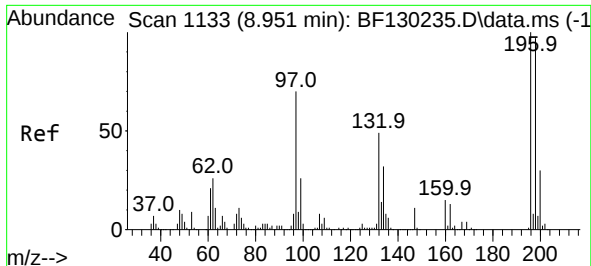


#42
2,4,6-Tribromophenol
Concen: 139.093 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF130599.D
Acq: 10 Oct 2022 12:56



Tgt Ion:330 Resp: 368635
Ion Ratio Lower Upper
330 100
332 104.7 83.4 125.2
141 32.8 34.0 51.0#





#43

2,4,6-Trichlorophenol

Concen: 37.730 ng

RT: 8.886 min Scan# 1156

Delta R.T. -0.000 min

Lab File: BF130599.D

Acq: 10 Oct 2022 12:56

Instrument :

BNA_F

ClientSampleId :

PB148187BSD

Tgt Ion:196 Resp: 198760

Ion Ratio Lower Upper

196 100

198 96.0 72.4 108.6

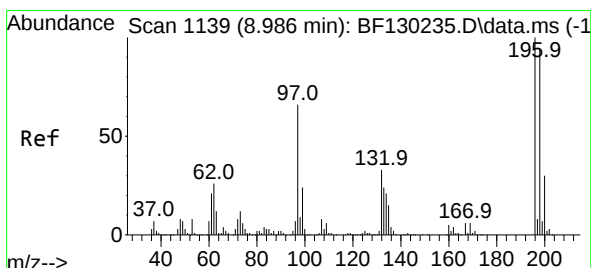
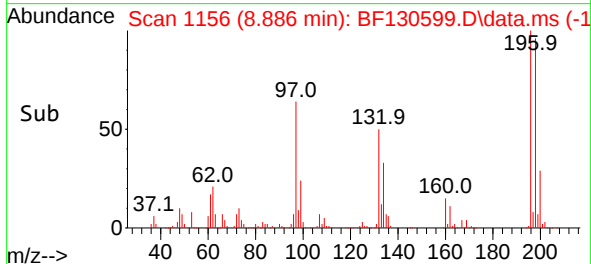
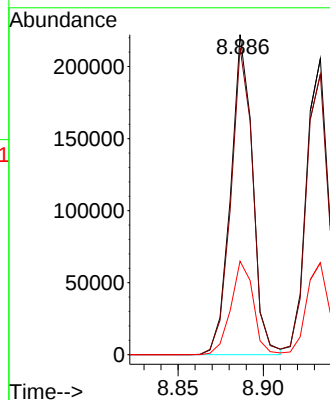
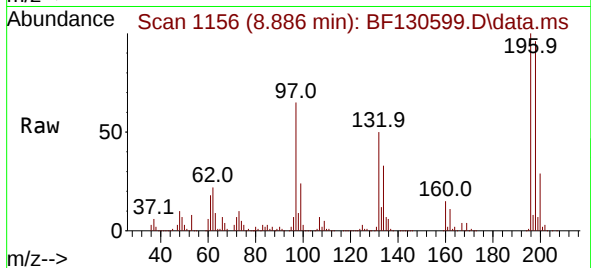
200 29.2 23.8 35.6

Manual Integrations

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Reviewed By :Christian Giraldo 10/11/2022

Supervised By :Jagrut Upadhyay 10/14/2022



#44

2,4,5-Trichlorophenol

Concen: 38.011 ng

RT: 8.933 min Scan# 1164

Delta R.T. 0.006 min

Lab File: BF130599.D

Acq: 10 Oct 2022 12:56

Tgt Ion:196 Resp: 216084

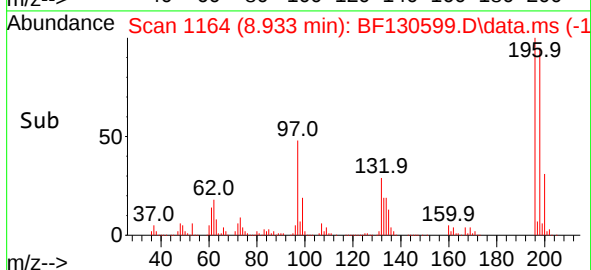
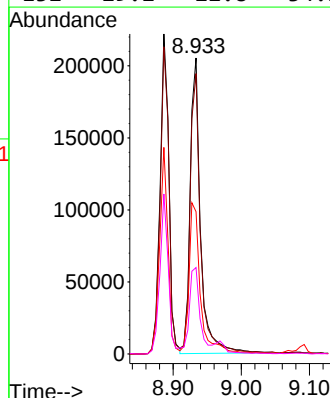
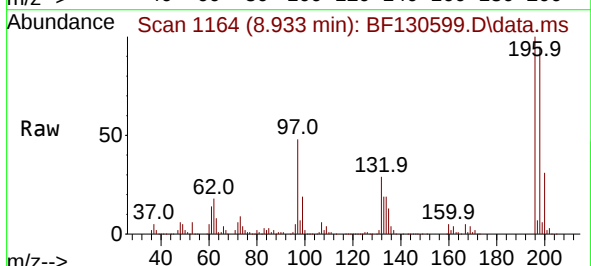
Ion Ratio Lower Upper

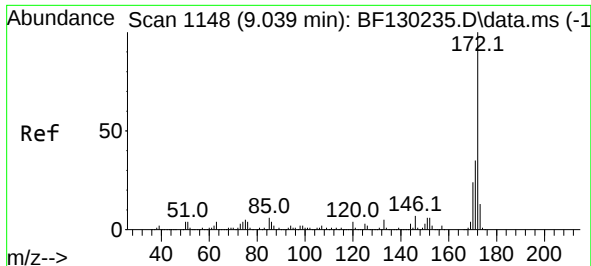
196 100

198 94.7 74.8 112.2

97 48.1 43.7 65.5

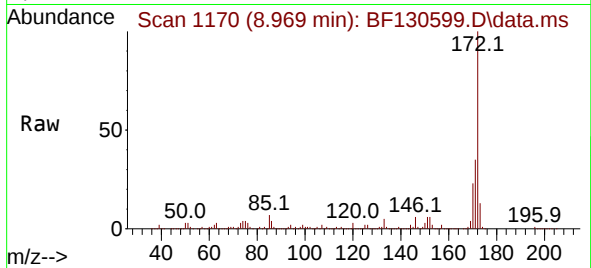
132 29.2 22.8 34.2





#45
2-Fluorobiphenyl
Concen: 71.789 ng
RT: 8.969 min Scan# 1148
Delta R.T. 0.000 min
Lab File: BF130599.D
Acq: 10 Oct 2022 12:56

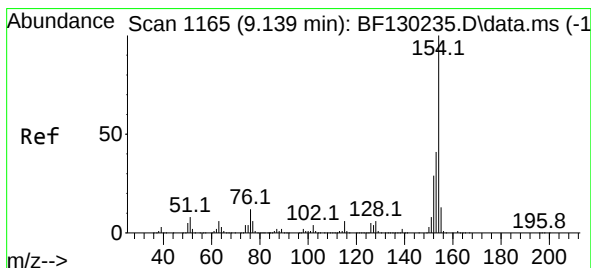
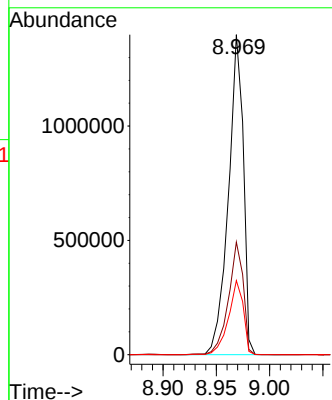
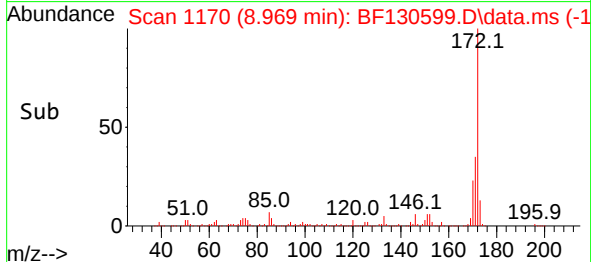
Instrument :
BNA_F
ClientSampleId :
PB148187BSD



Tgt Ion:172 Resp: 136358
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.2 18.7 28.1

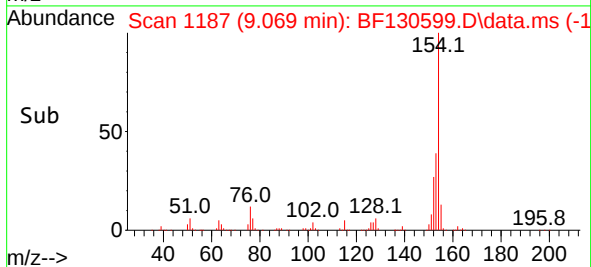
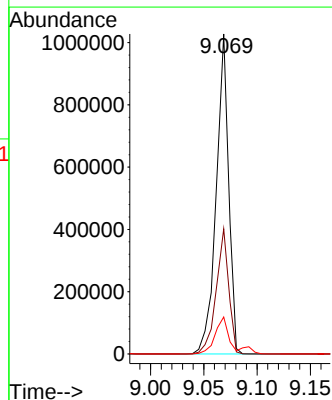
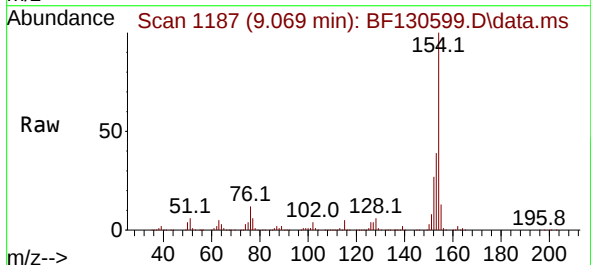
Manual Integrations
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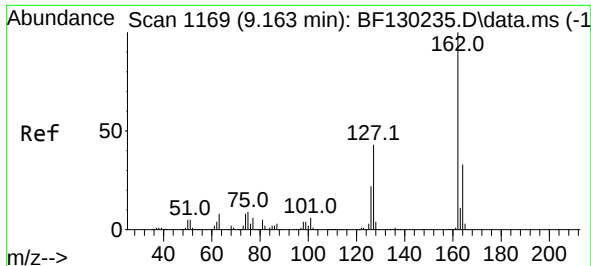
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#46
1,1'-Biphenyl
Concen: 40.238 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BF130599.D
Acq: 10 Oct 2022 12:56

Tgt Ion:154 Resp: 831200
Ion Ratio Lower Upper
154 100
153 39.1 20.0 60.0
76 11.5 0.0 33.3





#47

2-Chloronaphthalene

Concen: 38.632 ng

RT: 9.092 min Scan# 1169

Delta R.T. 0.006 min

Lab File: BF130599.D

Acq: 10 Oct 2022 12:56

Instrument :

BNA_F

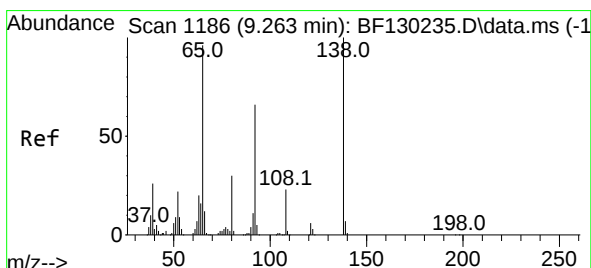
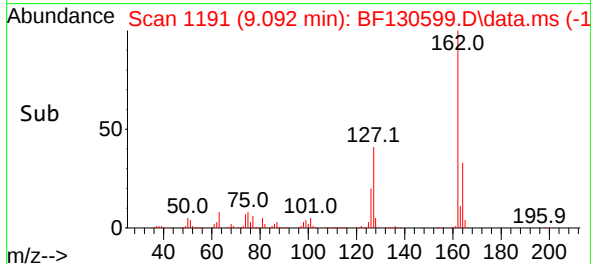
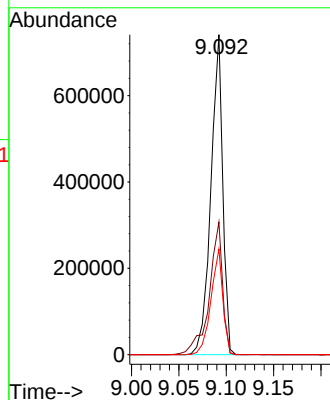
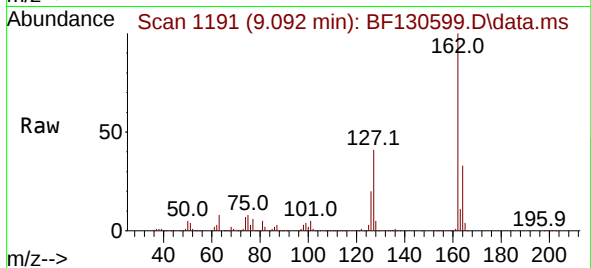
ClientSampleId :

PB148187BSD

Tgt Ion:162 Resp: 645544
 Ion Ratio Lower Upper
 162 100
 127 41.5 35.9 53.9
 164 33.1 26.2 39.2

Manual Integrations
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Reviewed By :Christian Giraldo 10/11/2022
 Supervised By :Jagrut Upadhyay 10/14/2022



#48

2-Nitroaniline

Concen: 37.584 ng

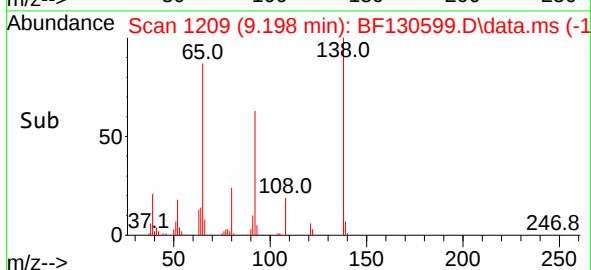
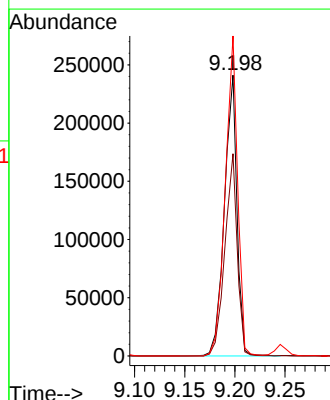
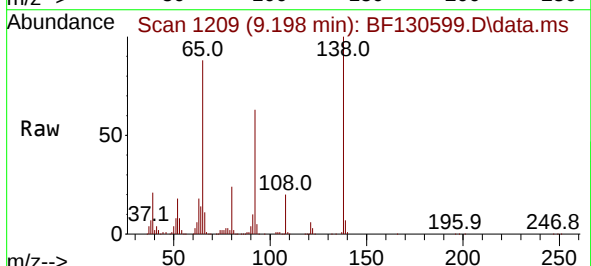
RT: 9.198 min Scan# 1209

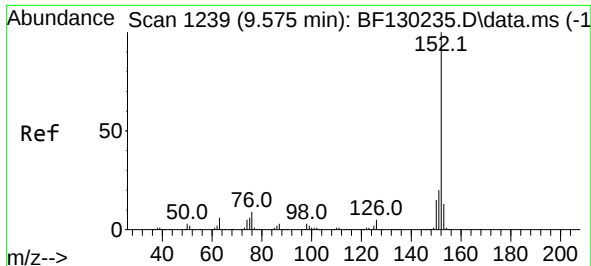
Delta R.T. 0.006 min

Lab File: BF130599.D

Acq: 10 Oct 2022 12:56

Tgt Ion: 65 Resp: 209468
 Ion Ratio Lower Upper
 65 100
 92 72.0 52.2 78.4
 138 114.0 77.0 115.4





#49

Acenaphthylene

Concen: 42.535 ng

RT: 9.504 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF130599.D

Acq: 10 Oct 2022 12:56

Instrument :

BNA_F

ClientSampleId :

PB148187BSD

Tgt Ion:152 Resp: 1065698

Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.2

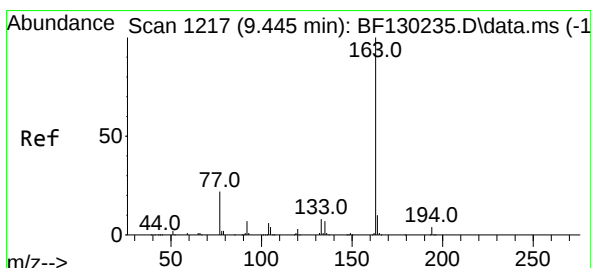
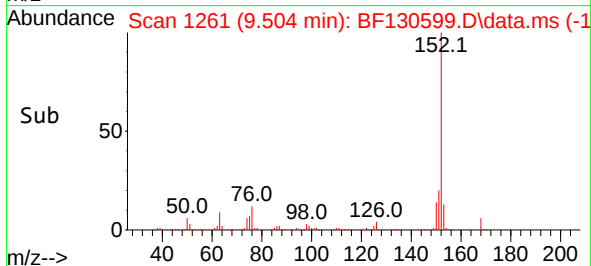
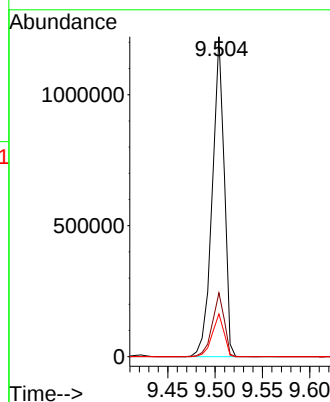
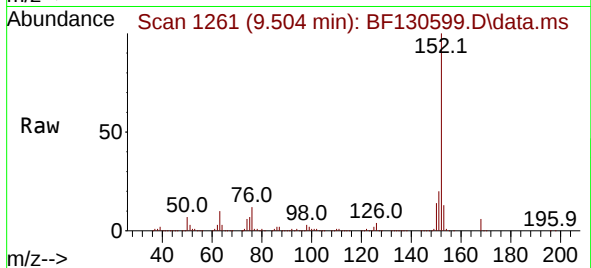
153 13.4 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/11/2022

Supervised By :Jagrut Upadhyay 10/14/2022



#50

Dimethylphthalate

Concen: 44.711 ng

RT: 9.380 min Scan# 1240

Delta R.T. 0.006 min

Lab File: BF130599.D

Acq: 10 Oct 2022 12:56

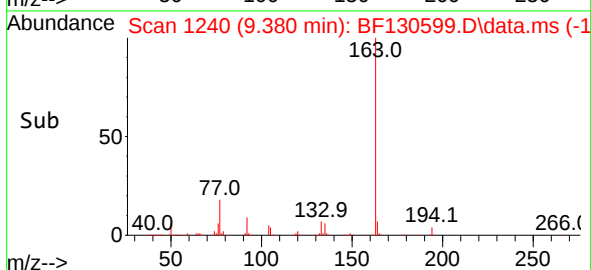
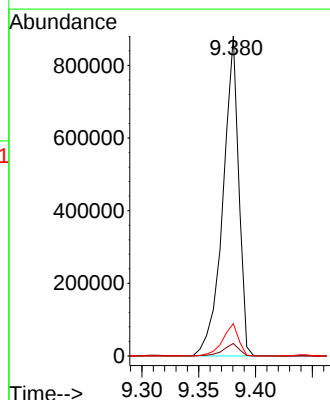
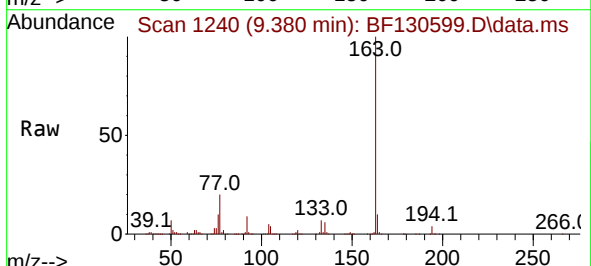
Tgt Ion:163 Resp: 854232

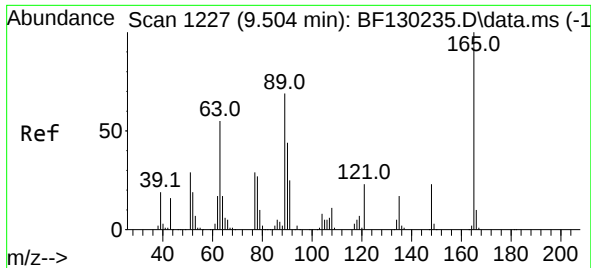
Ion Ratio Lower Upper

163 100

194 3.9 2.8 4.2

164 10.1 8.2 12.2





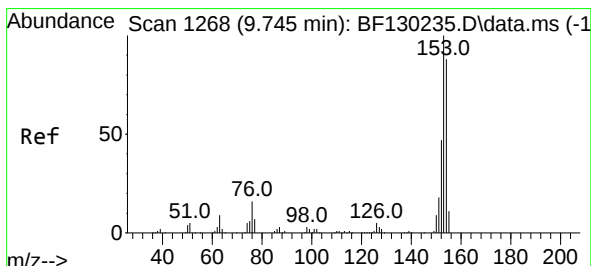
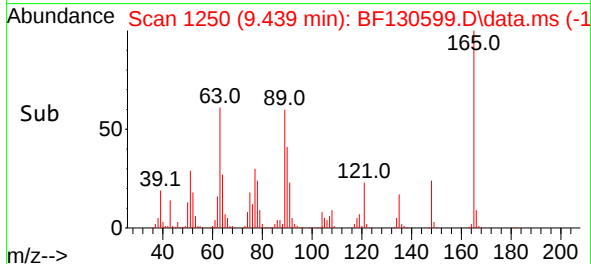
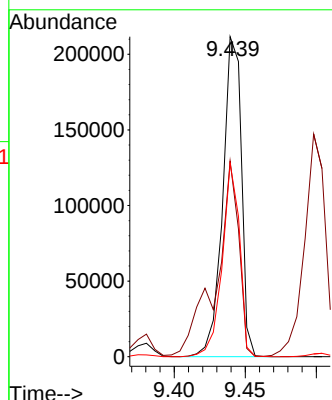
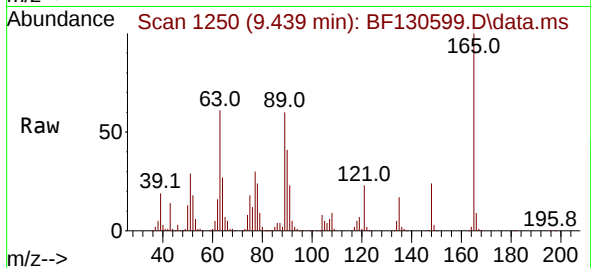
#51
2,6-Dinitrotoluene
Concen: 48.278 ng
RT: 9.439 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130599.D
Acq: 10 Oct 2022 12:56

Instrument :
BNA_F
ClientSampleId :
PB148187BSD

Tgt Ion:165 Resp: 19290
Ion Ratio Lower Upper
165 100
63 61.1 58.8 88.2
89 60.5 54.5 81.7

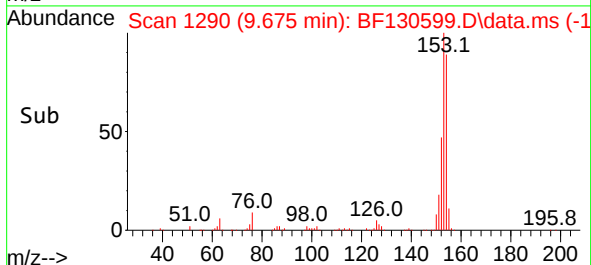
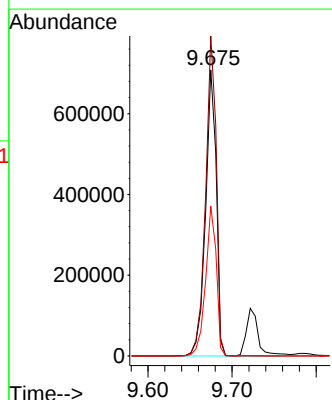
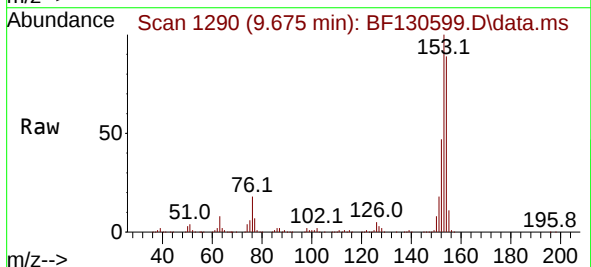
Manual Integrations
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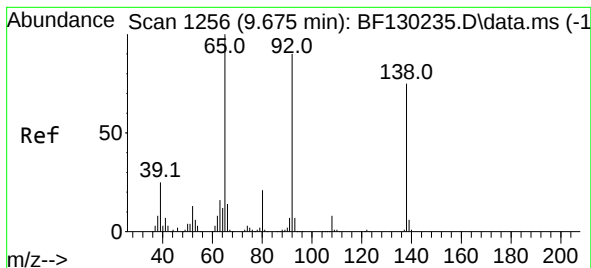
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#52
Acenaphthene
Concen: 44.902 ng m
RT: 9.675 min Scan# 1290
Delta R.T. -0.000 min
Lab File: BF130599.D
Acq: 10 Oct 2022 12:56

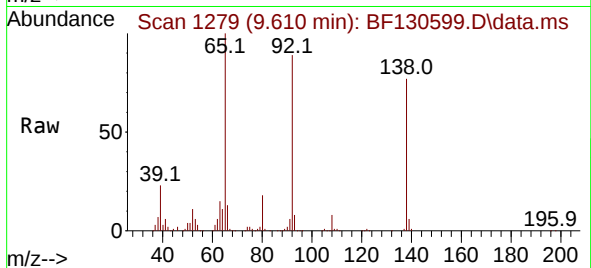
Tgt Ion:154 Resp: 739153
Ion Ratio Lower Upper
154 100
153 111.9 90.6 136.0
152 52.4 43.8 65.6





#53
3-Nitroaniline
Concen: 33.215 ng
RT: 9.610 min Scan# 1279
Delta R.T. 0.006 min
Lab File: BF130599.D
Acq: 10 Oct 2022 12:56

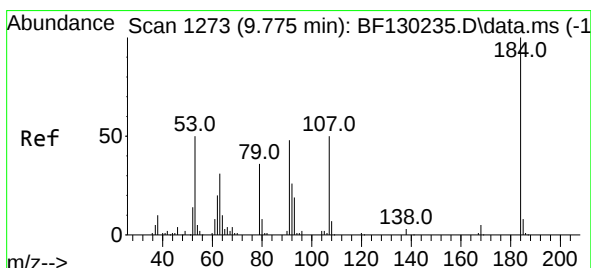
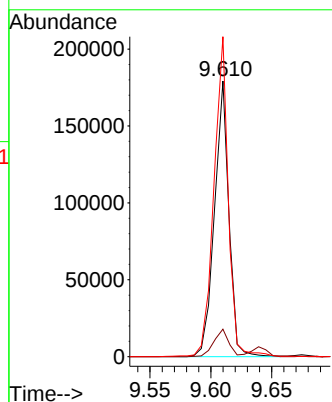
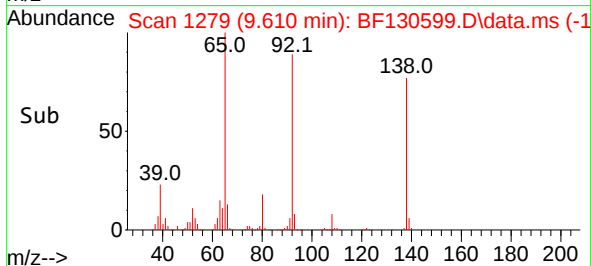
Instrument :
BNA_F
ClientSampleId :
PB148187BSD



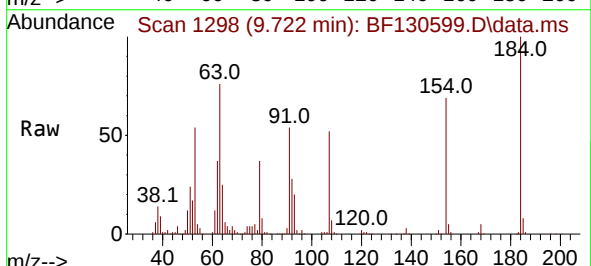
Tgt Ion:138 Resp: 14788
Ion Ratio Lower Upper
138 100
108 10.0 9.2 13.8
92 116.1 99.2 148.8

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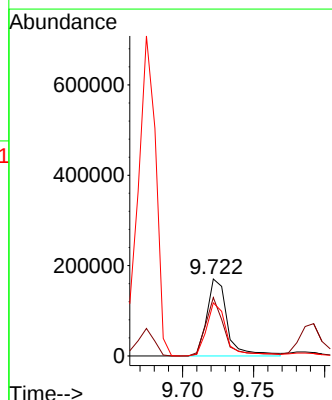
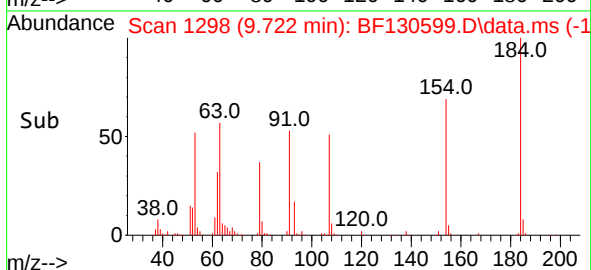
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :Jagrut Upadhyay 10/14/2022

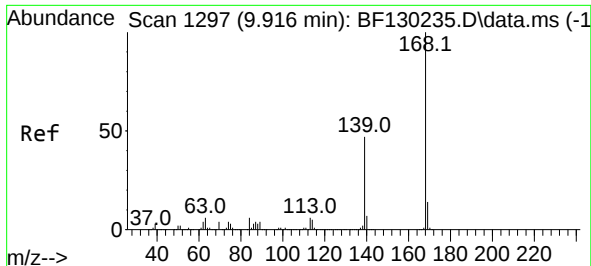


#54
2,4-Dinitrophenol
Concen: 79.129 ng
RT: 9.722 min Scan# 1298
Delta R.T. 0.006 min
Lab File: BF130599.D
Acq: 10 Oct 2022 12:56



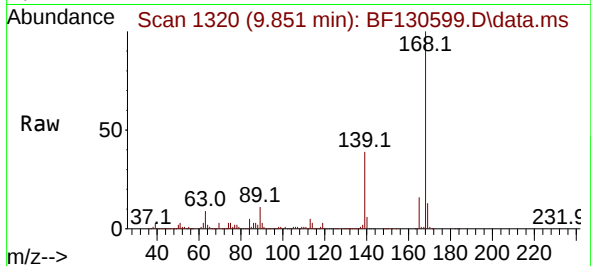
Tgt Ion:184 Resp: 171355
Ion Ratio Lower Upper
184 100
63 75.8 70.0 105.0
154 69.1 63.0 94.6





#55
Dibenzenofuran
Concen: 41.858 ng
RT: 9.851 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF130599.D
Acq: 10 Oct 2022 12:56

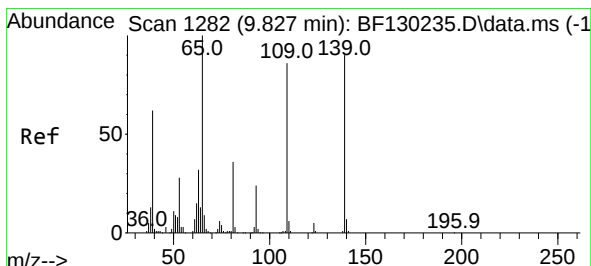
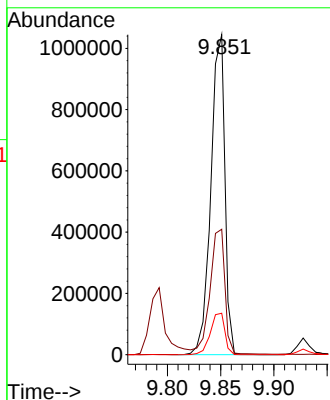
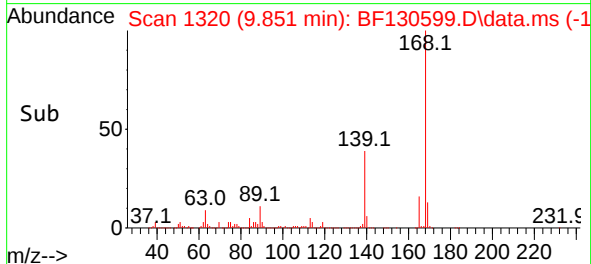
Instrument :
BNA_F
ClientSampleId :
PB148187BSD



Tgt Ion:168 Resp: 958419
Ion Ratio Lower Upper
168 100
139 39.2 35.0 52.4
169 12.9 10.9 16.3

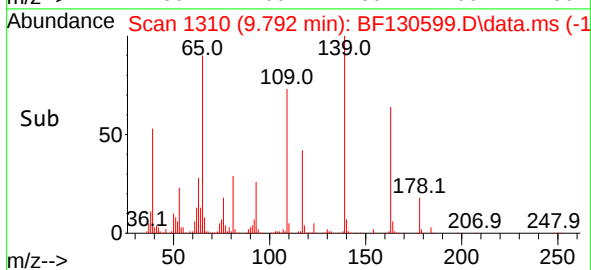
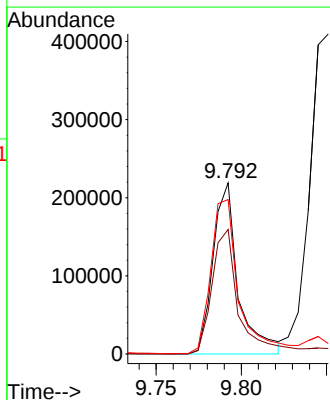
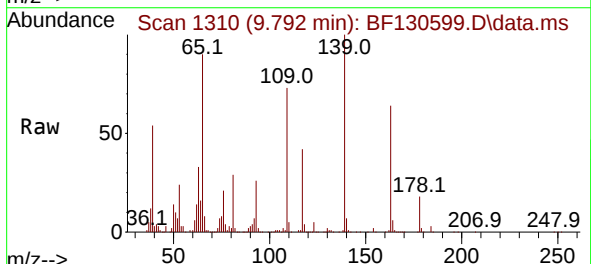
Manual Integrations
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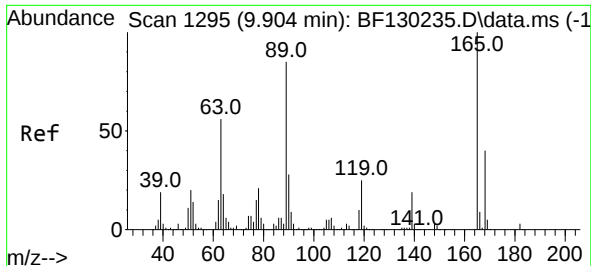
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#56
4-Nitrophenol
Concen: 69.292 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.012 min
Lab File: BF130599.D
Acq: 10 Oct 2022 12:56

Tgt Ion:139 Resp: 224708
Ion Ratio Lower Upper
139 100
109 72.8 72.2 112.2
65 90.3 97.7 137.7#





#57

2,4-Dinitrotoluene

Concen: 46.091 ng

RT: 9.845 min Scan# 1319

Delta R.T. 0.006 min

Lab File: BF130599.D

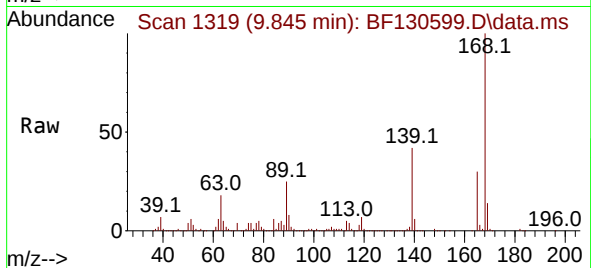
Acq: 10 Oct 2022 12:56

Instrument :

BNA_F

ClientSampleId :

PB148187BSD



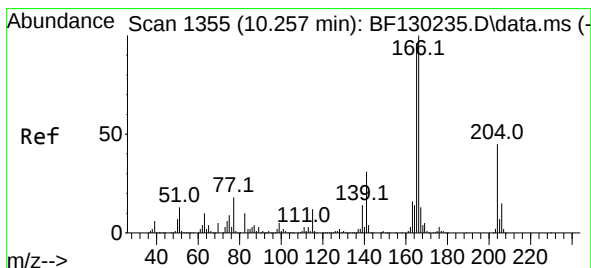
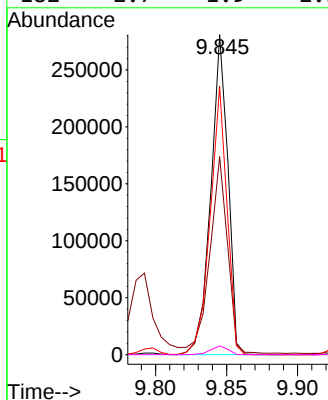
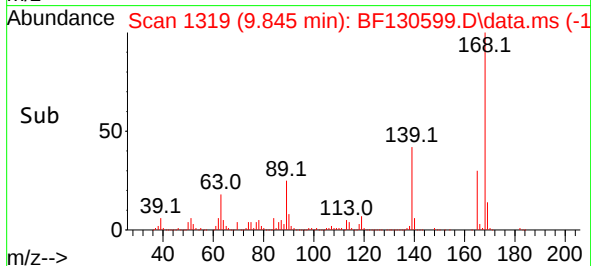
Tgt Ion	Ratio	Lower	Upper
165	100		
63	61.9	44.7	67.1
89	83.8	69.0	103.4
182	2.7	1.9	2.9

Manual Integrations

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Reviewed By :Christian Giraldo 10/11/2022

Supervised By :Jagrut Upadhyay 10/14/2022



#58

Fluorene

Concen: 40.506 ng

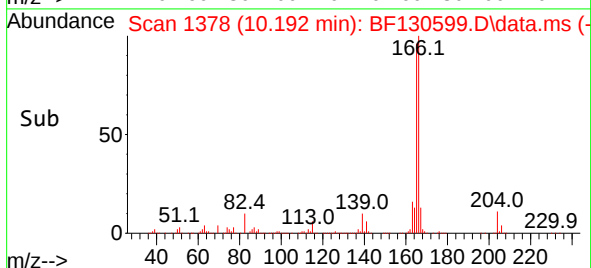
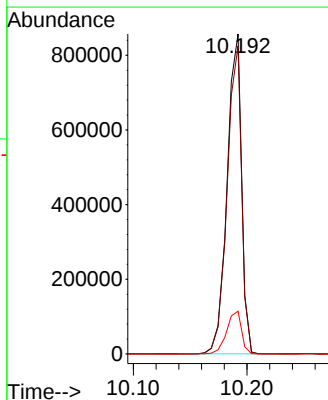
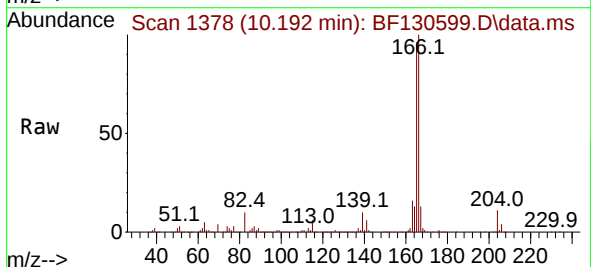
RT: 10.192 min Scan# 1378

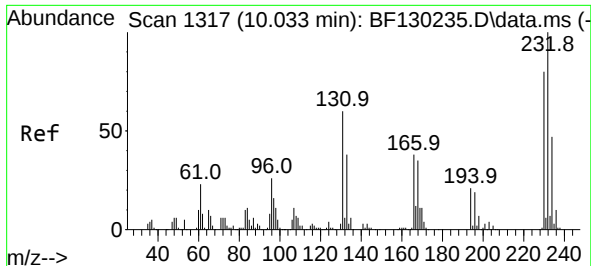
Delta R.T. 0.006 min

Lab File: BF130599.D

Acq: 10 Oct 2022 12:56

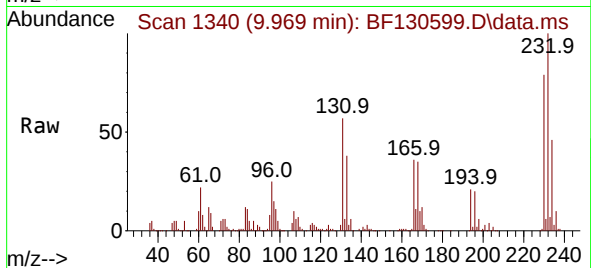
Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.2	78.8	118.2
167	13.3	10.6	15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.989 ng
RT: 9.969 min Scan# 1317
Delta R.T. -0.000 min
Lab File: BF130599.D
Acq: 10 Oct 2022 12:56

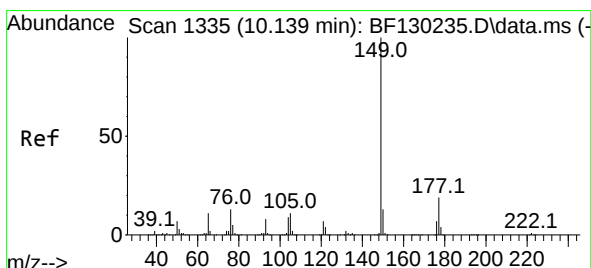
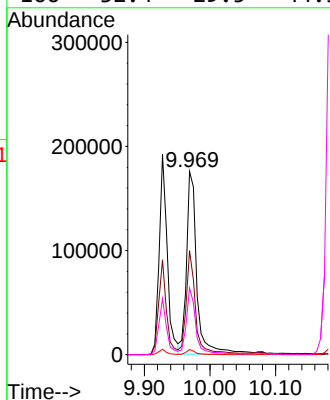
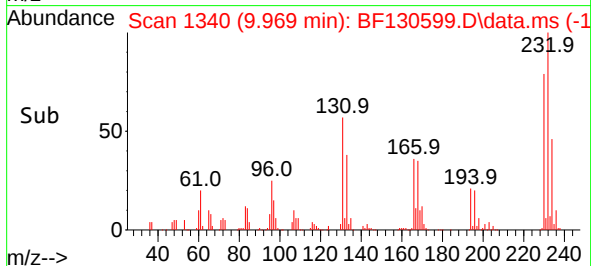
Instrument :
BNA_F
ClientSampleId :
PB148187BSD



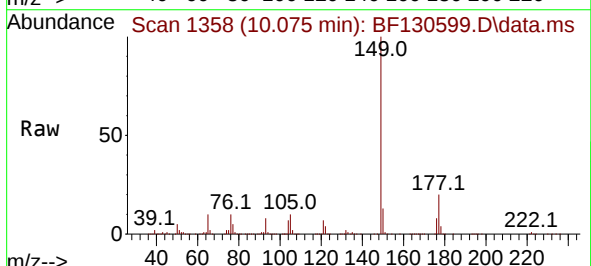
Tgt Ion:232 Resp: 191281
Ion Ratio Lower Upper
232 100
131 49.5 46.4 69.6
130 2.7 2.3 3.5
166 32.4 29.5 44.3

Manual Integrations
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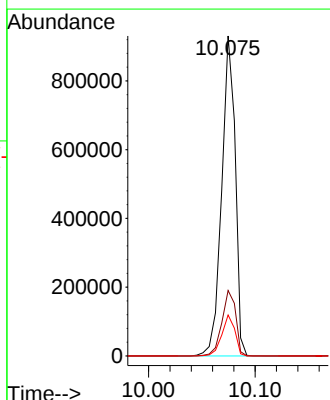
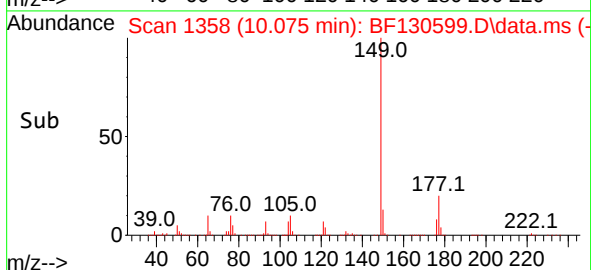
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :Jagrut Upadhyay 10/14/2022

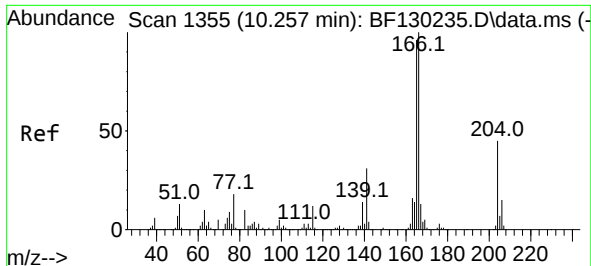


#60
Diethylphthalate
Concen: 42.671 ng
RT: 10.075 min Scan# 1358
Delta R.T. 0.006 min
Lab File: BF130599.D
Acq: 10 Oct 2022 12:56



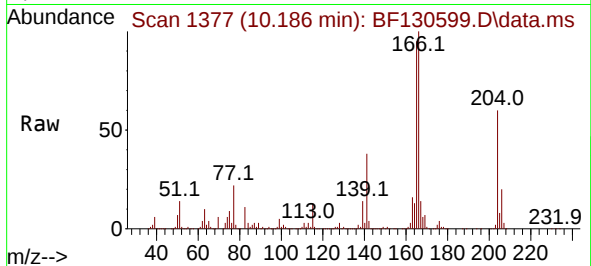
Tgt Ion:149 Resp: 817545
Ion Ratio Lower Upper
149 100
177 20.5 16.1 24.1
150 12.8 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 42.561 ng
RT: 10.186 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF130599.D
Acq: 10 Oct 2022 12:56

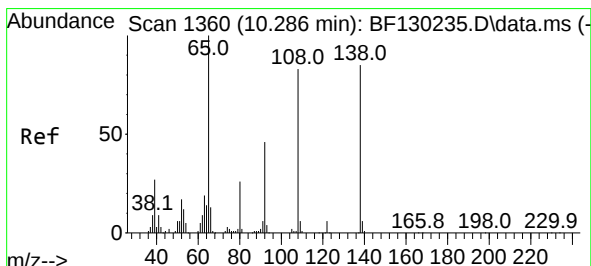
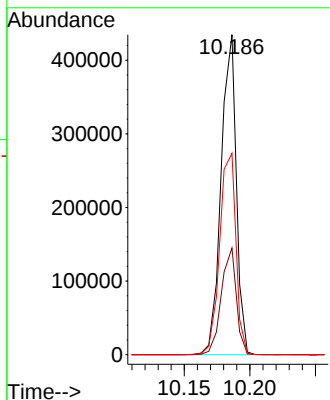
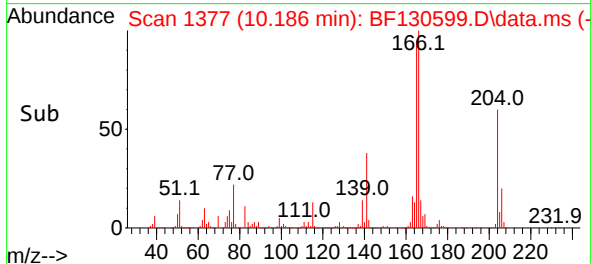
Instrument :
BNA_F
ClientSampleId :
PB148187BSD



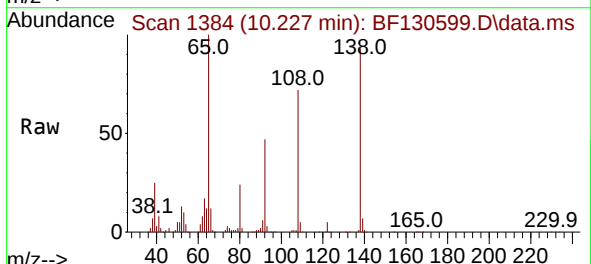
Tgt Ion:204 Resp: 349620
Ion Ratio Lower Upper
204 100
206 33.3 26.6 39.8
141 63.0 57.1 85.7

Manual Integrations
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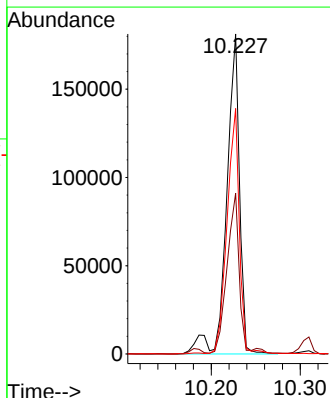
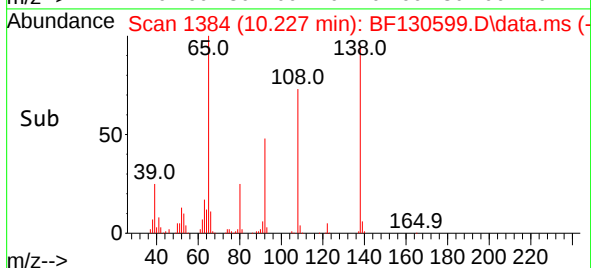
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :Jagrut Upadhyay 10/14/2022

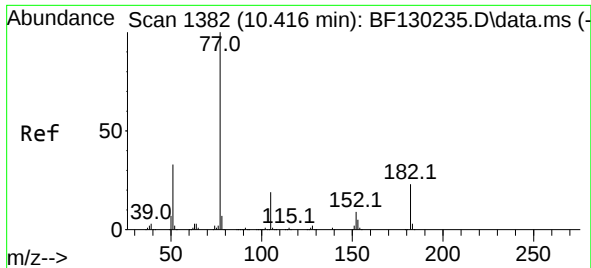


#62
4-Nitroaniline
Concen: 40.814 ng m
RT: 10.227 min Scan# 1384
Delta R.T. 0.012 min
Lab File: BF130599.D
Acq: 10 Oct 2022 12:56



Tgt Ion:138 Resp: 182552
Ion Ratio Lower Upper
138 100
92 50.3 36.7 76.7
108 76.7 78.2 118.2#





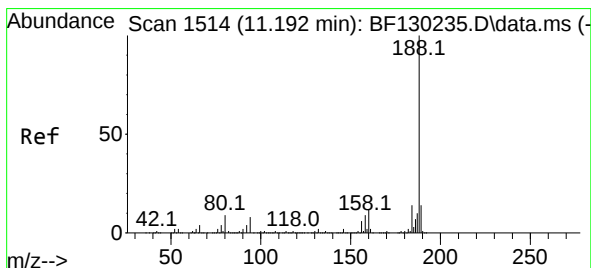
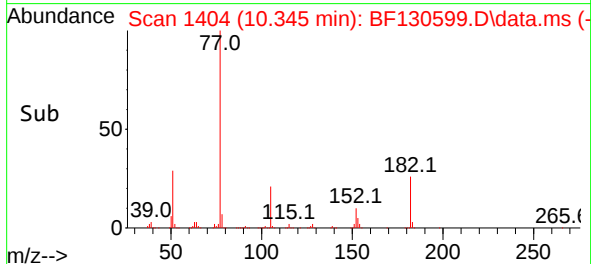
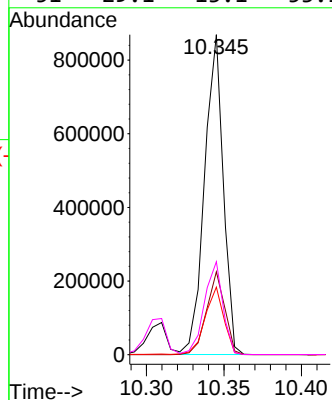
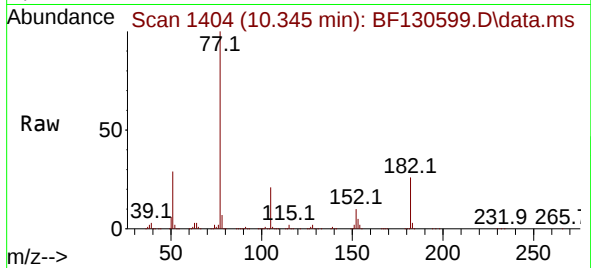
#63
Azobenzene
Concen: 36.899 ng
RT: 10.345 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF130599.D
Acq: 10 Oct 2022 12:56

Instrument :
BNA_F
ClientSampleId :
PB148187BSD

Tgt Ion: 77	Resp: 72797
Ion Ratio	Lower Upper
77 100	
182 25.9	2.1 42.1
105 21.1	0.0 39.4
51 29.1	13.1 53.1

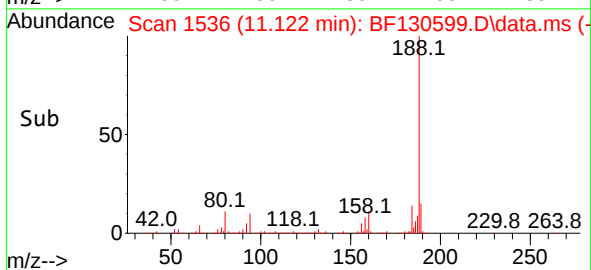
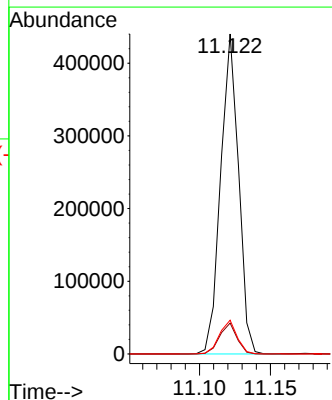
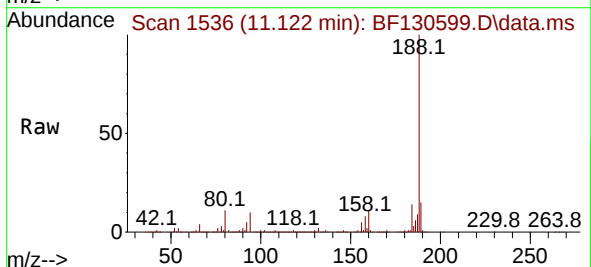
Manual Integrations
APPROVED

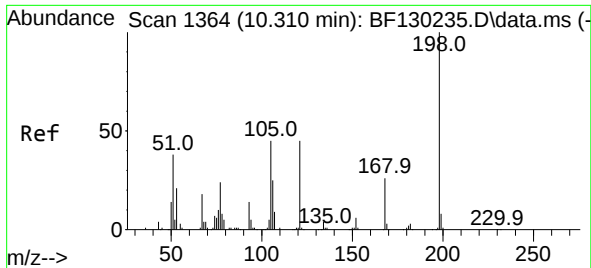
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.122 min Scan# 1536
Delta R.T. 0.006 min
Lab File: BF130599.D
Acq: 10 Oct 2022 12:56

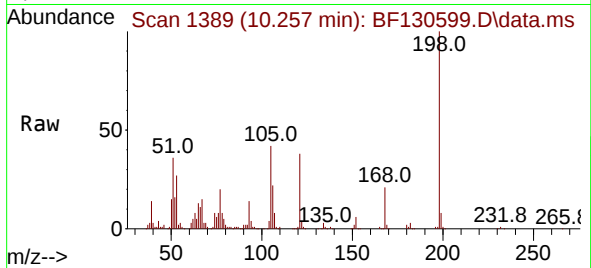
Tgt Ion:188	Resp: 385611
Ion Ratio	Lower Upper
188 100	
94 9.7	7.4 11.2
80 10.6	7.9 11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 56.972 ng
RT: 10.257 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF130599.D
Acq: 10 Oct 2022 12:56

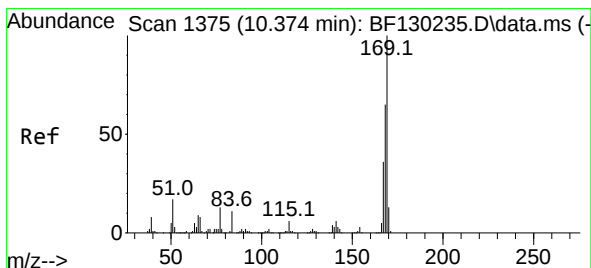
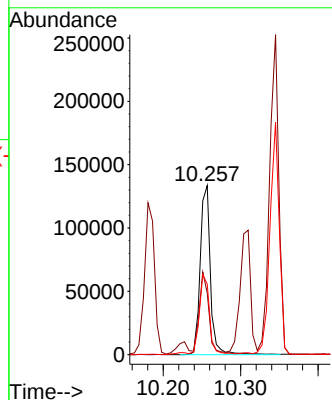
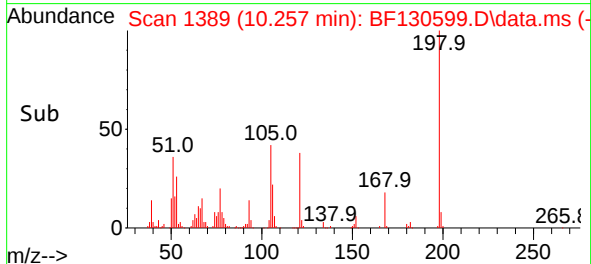
Instrument :
BNA_F
ClientSampleId :
PB148187BSD



Tgt Ion:198 Resp: 122298
Ion Ratio Lower Upper
198 100
51 36.5 36.9 76.9
105 41.7 33.0 73.0

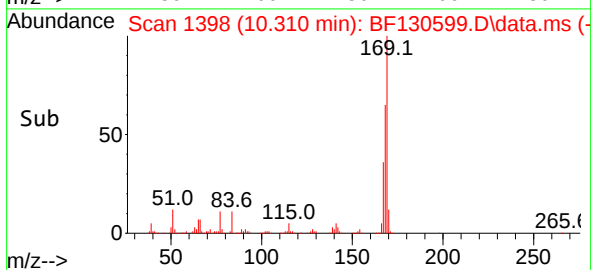
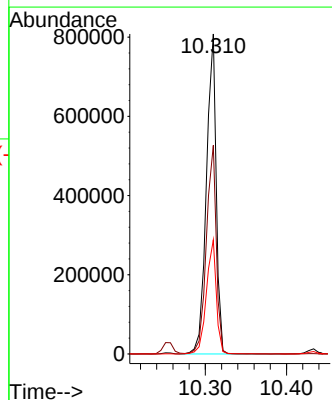
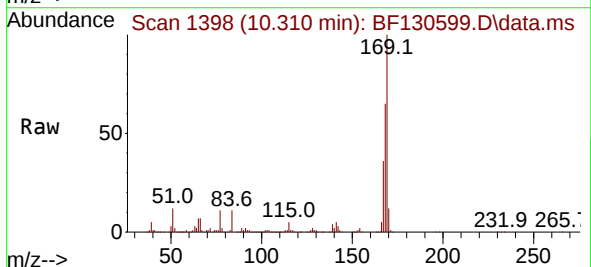
Manual Integrations
APPROVED

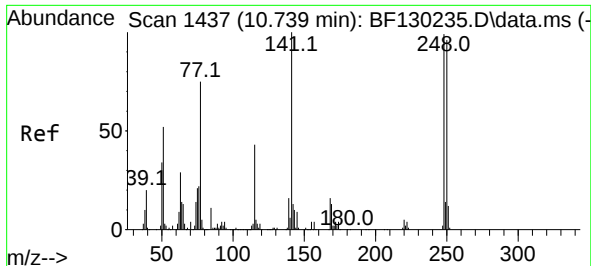
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#66
n-Nitrosodiphenylamine
Concen: 52.431 ng
RT: 10.310 min Scan# 1398
Delta R.T. 0.006 min
Lab File: BF130599.D
Acq: 10 Oct 2022 12:56

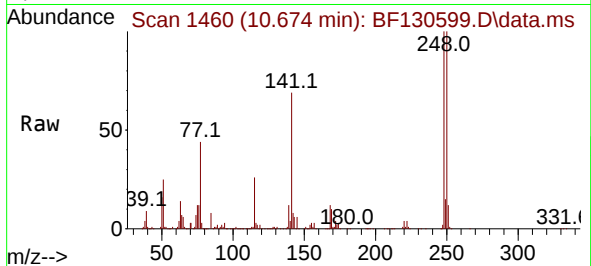
Tgt Ion:169 Resp: 675617
Ion Ratio Lower Upper
169 100
168 65.2 53.2 79.8
167 35.7 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 53.932 ng
RT: 10.674 min Scan# 1437
Delta R.T. 0.006 min
Lab File: BF130599.D
Acq: 10 Oct 2022 12:56

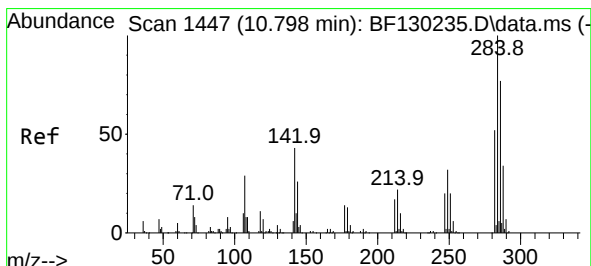
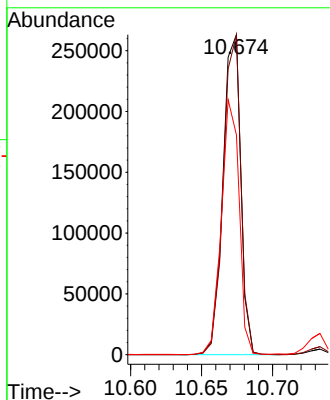
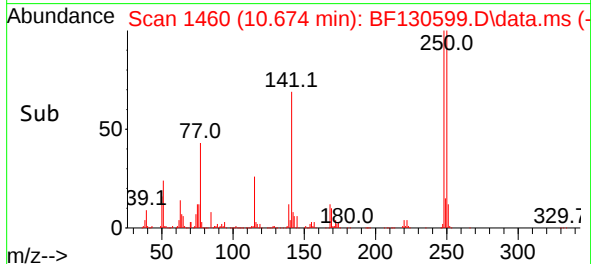
Instrument :
BNA_F
ClientSampleId :
PB148187BSD



Tgt Ion:248 Resp: 22942
Ion Ratio Lower Upper
248 100
250 100.0 80.0 120.0
141 68.6 68.5 102.7

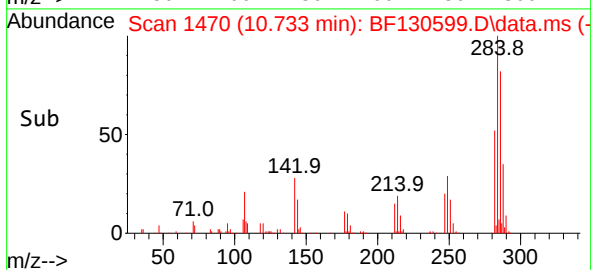
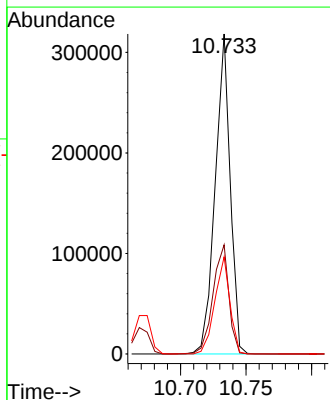
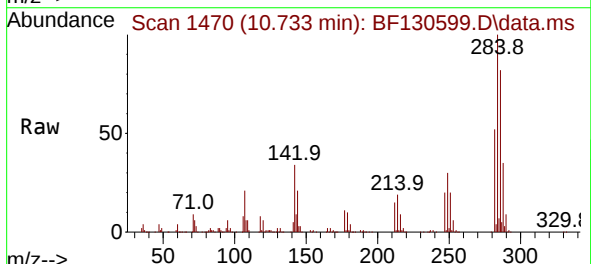
Manual Integrations
APPROVED

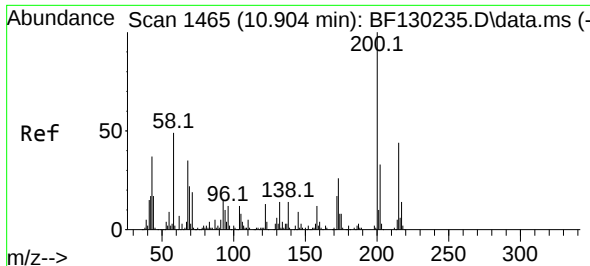
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#68
Hexachlorobenzene
Concen: 52.488 ng
RT: 10.733 min Scan# 1470
Delta R.T. 0.006 min
Lab File: BF130599.D
Acq: 10 Oct 2022 12:56

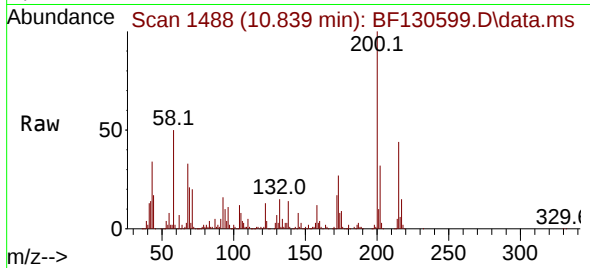
Tgt Ion:284 Resp: 253103
Ion Ratio Lower Upper
284 100
142 34.1 27.2 40.8
249 30.4 23.8 35.8





#69
 Atrazine
 Concen: 56.425 ng
 RT: 10.839 min Scan# 1465
 Delta R.T. 0.006 min
 Lab File: BF130599.D
 Acq: 10 Oct 2022 12:56

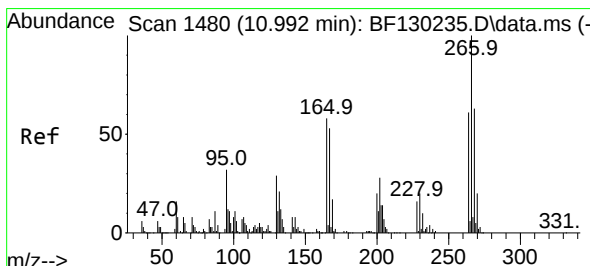
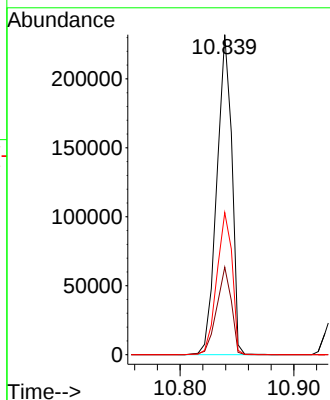
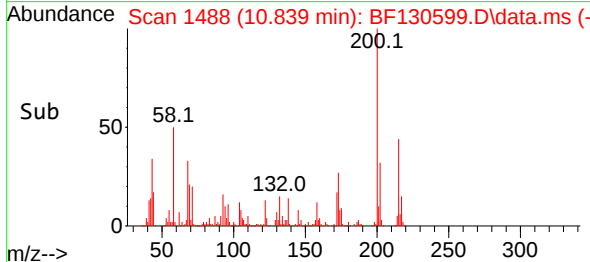
Instrument :
 BNA_F
 ClientSampleId :
 PB148187BSD



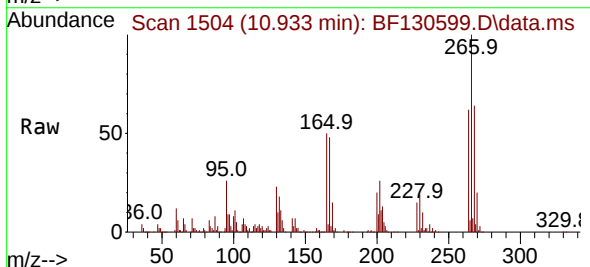
Tgt Ion:200 Resp: 21248
 Ion Ratio Lower Upper
 200 100
 173 27.4 6.2 46.2
 215 44.4 22.5 62.5

Manual Integrations
 APPROVED

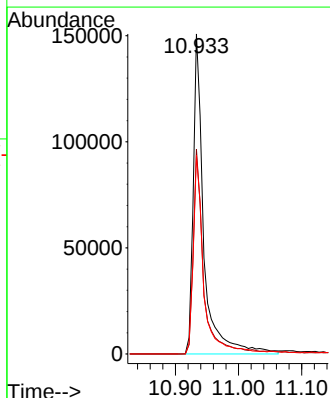
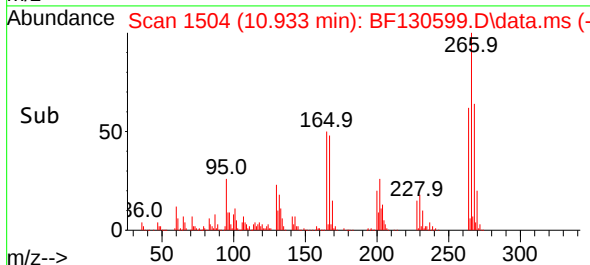
Reviewed By :Christian Giraldo 10/11/2022
 Supervised By :Jagrut Upadhyay 10/14/2022

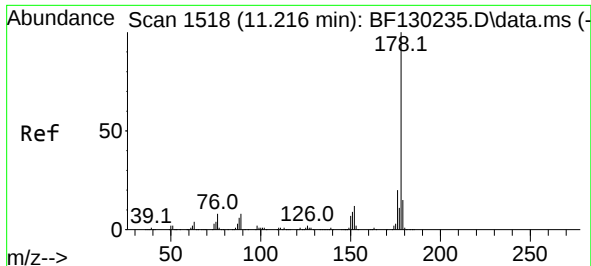


#70
 Pentachlorophenol
 Concen: 68.111 ng
 RT: 10.933 min Scan# 1504
 Delta R.T. -0.000 min
 Lab File: BF130599.D
 Acq: 10 Oct 2022 12:56



Tgt Ion:266 Resp: 176269
 Ion Ratio Lower Upper
 266 100
 268 63.9 50.5 75.7
 264 62.2 50.5 75.7





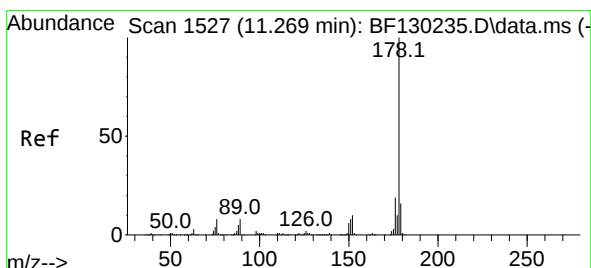
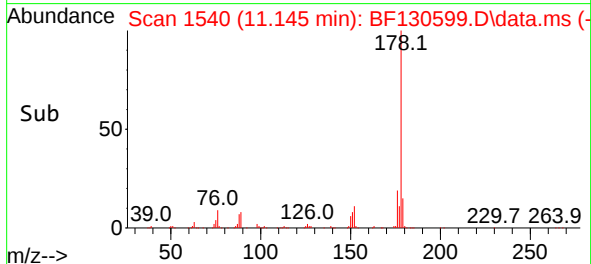
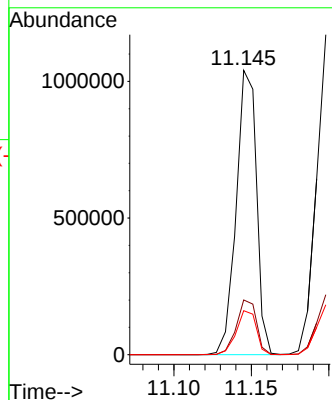
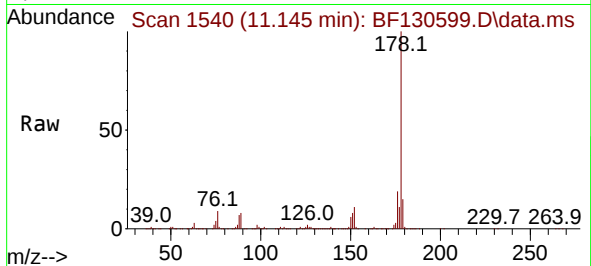
#71
Phenanthrene
Concen: 43.802 ng
RT: 11.145 min Scan# 1540
Delta R.T. -0.000 min
Lab File: BF130599.D
Acq: 10 Oct 2022 12:56

Instrument :
BNA_F
ClientSampleId :
PB148187BSD

Tgt Ion:178 Resp: 948290
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.5 12.4 18.6

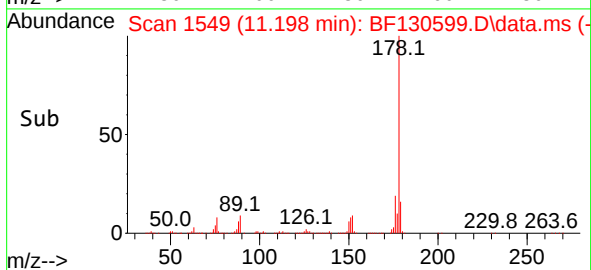
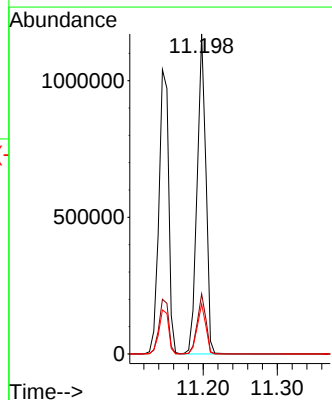
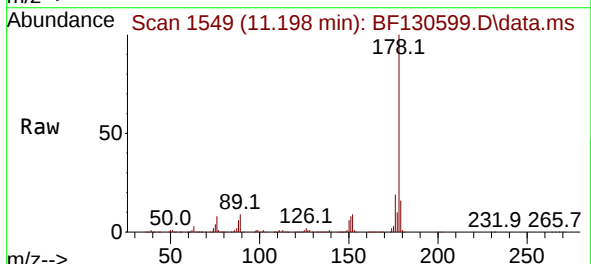
Manual Integrations
APPROVED

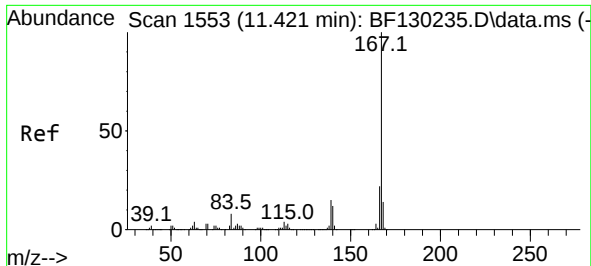
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#72
Anthracene
Concen: 45.706 ng
RT: 11.198 min Scan# 1549
Delta R.T. 0.006 min
Lab File: BF130599.D
Acq: 10 Oct 2022 12:56

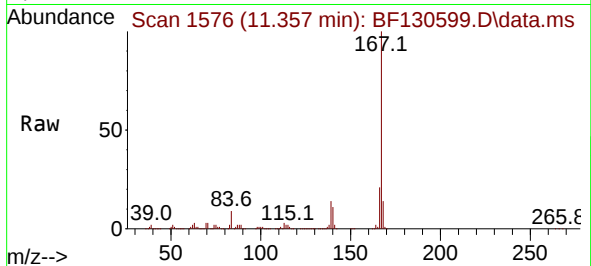
Tgt Ion:178 Resp: 954908
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 15.6 12.7 19.1





#73
 Carbazole
 Concen: 46.259 ng
 RT: 11.357 min Scan# 1632
 Delta R.T. -0.000 min
 Lab File: BF130599.D
 Acq: 10 Oct 2022 12:56

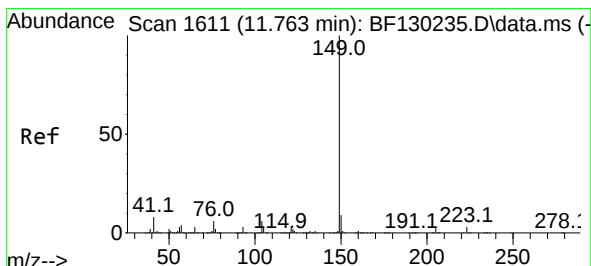
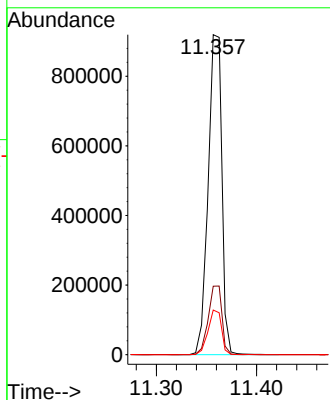
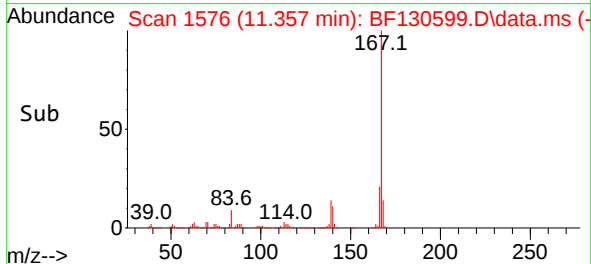
Instrument :
 BNA_F
 ClientSampleId :
 PB148187BSD



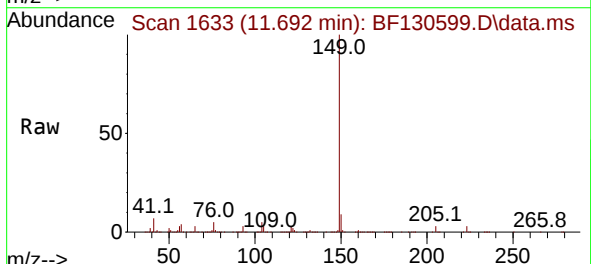
Tgt Ion:167 Resp: 872215
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.4 26.2
 139 13.9 11.6 17.4

Manual Integrations
 APPROVED

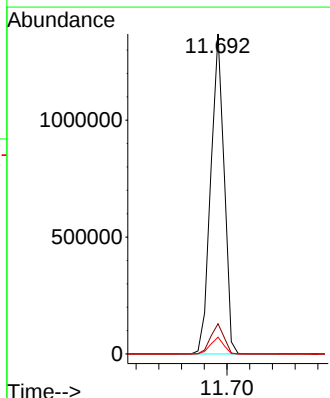
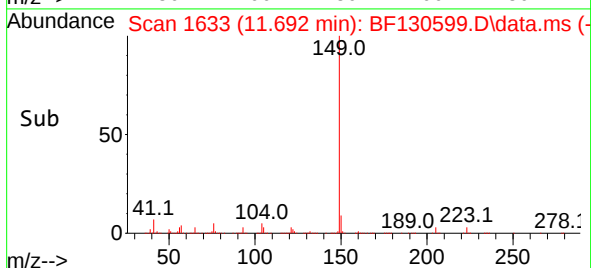
Reviewed By :Christian Giraldo 10/11/2022
 Supervised By :Jagrut Upadhyay 10/14/2022

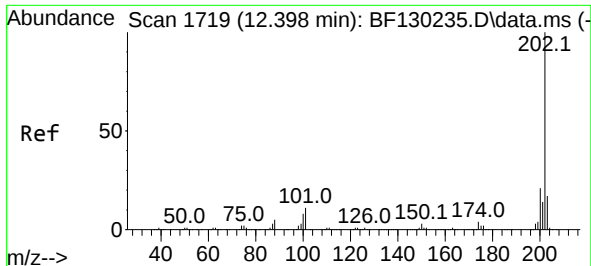


#74
 Di-n-butylphthalate
 Concen: 49.063 ng
 RT: 11.692 min Scan# 1633
 Delta R.T. 0.006 min
 Lab File: BF130599.D
 Acq: 10 Oct 2022 12:56



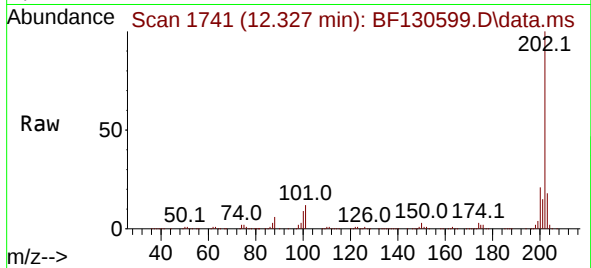
Tgt Ion:149 Resp: 1115567
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 5.2 4.8 7.2





#75
Fluoranthene
Concen: 41.514 ng
RT: 12.327 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130599.D
Acq: 10 Oct 2022 12:56

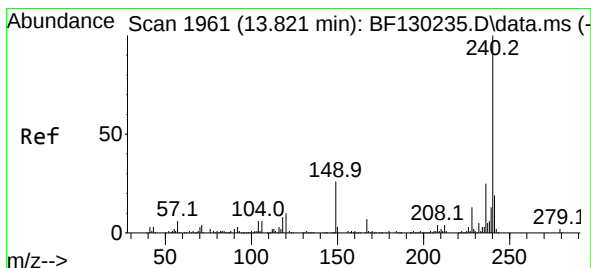
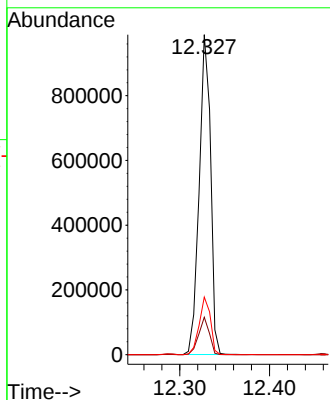
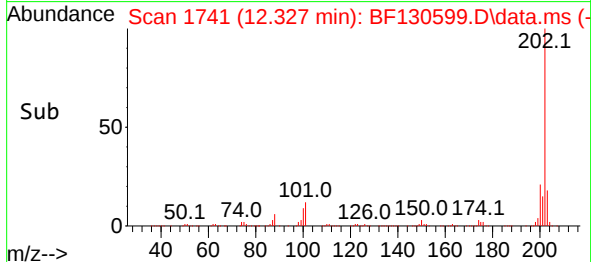
Instrument :
BNA_F
ClientSampleId :
PB148187BSD



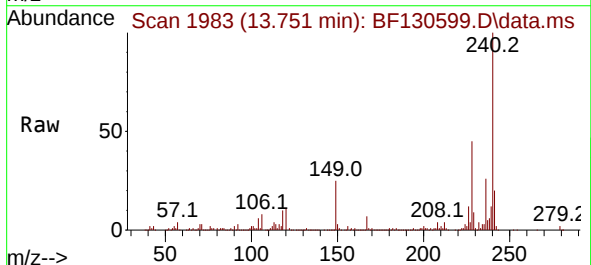
Tgt Ion:202 Resp: 868480
Ion Ratio Lower Upper
202 100
101 11.7 0.0 31.8
203 18.0 0.0 37.8

Manual Integrations
APPROVED

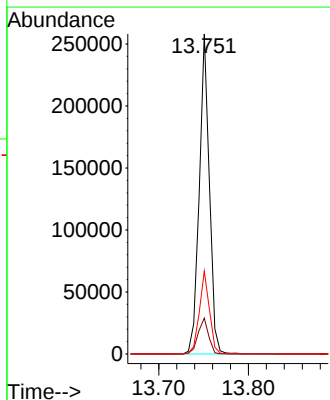
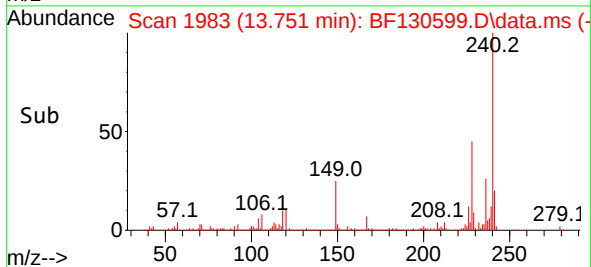
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :Jagrut Upadhyay 10/14/2022

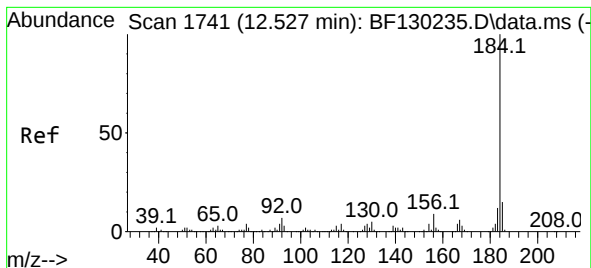


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.751 min Scan# 1983
Delta R.T. -0.000 min
Lab File: BF130599.D
Acq: 10 Oct 2022 12:56



Tgt Ion:240 Resp: 201082
Ion Ratio Lower Upper
240 100
120 11.2 8.7 13.1
236 25.9 20.9 31.3





#77

Benzidine

Concen: 50.320 ng

RT: 12.457 min Scan# 1763

Delta R.T. -0.000 min

Lab File: BF130599.D

Acq: 10 Oct 2022 12:56

Instrument :

BNA_F

ClientSampleId :

PB148187BSD

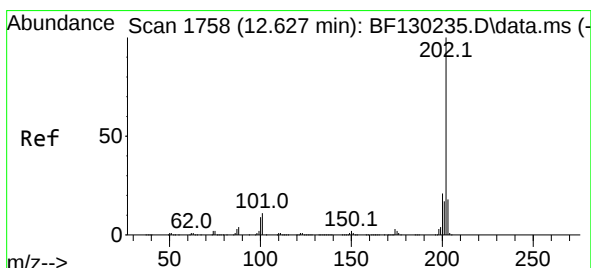
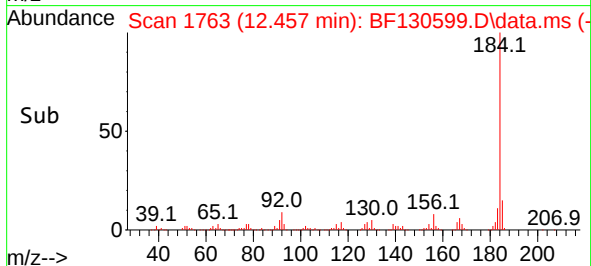
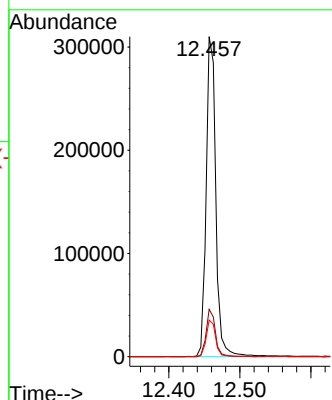
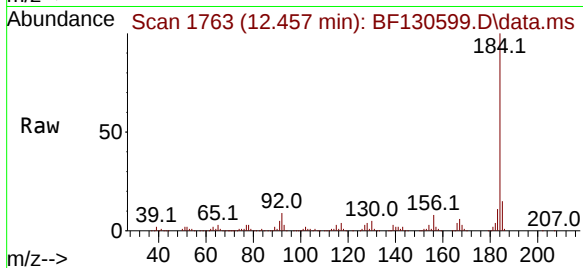
Tgt Ion:184 Resp: 29373

Ion	Ratio	Lower	Upper
184	100		
185	14.8	11.8	17.6
183	11.5	9.1	13.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/11/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#78

Pyrene

Concen: 52.092 ng

RT: 12.557 min Scan# 1780

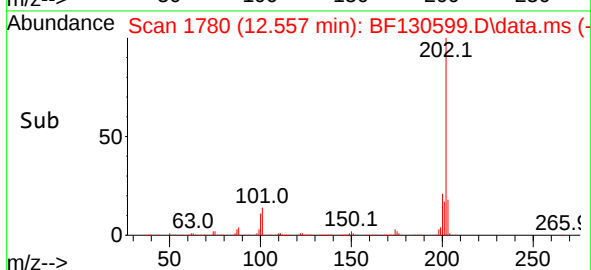
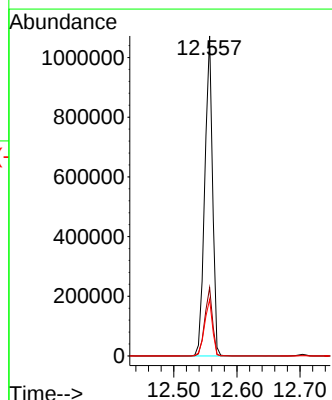
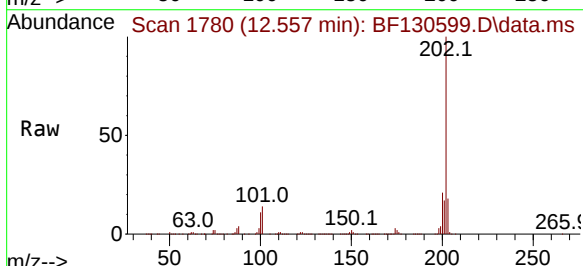
Delta R.T. 0.006 min

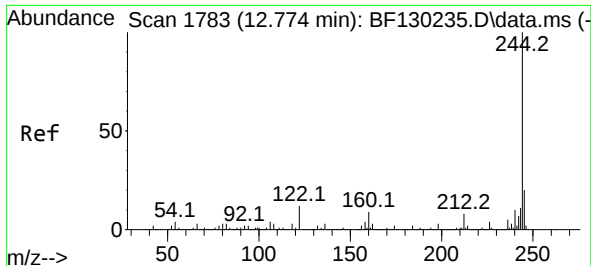
Lab File: BF130599.D

Acq: 10 Oct 2022 12:56

Tgt Ion:202 Resp: 916344

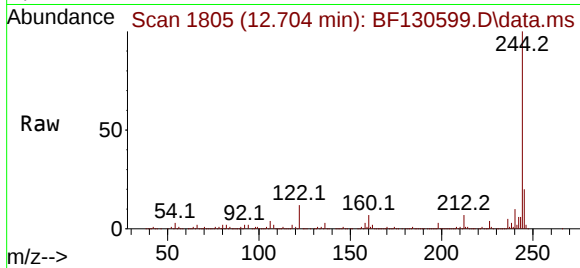
Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.2	25.8
203	17.7	14.3	21.5





#79
 Terphenyl-d14
 Concen: 106.149 ng
 RT: 12.704 min Scan# 1805
 Delta R.T. 0.006 min
 Lab File: BF130599.D
 Acq: 10 Oct 2022 12:56

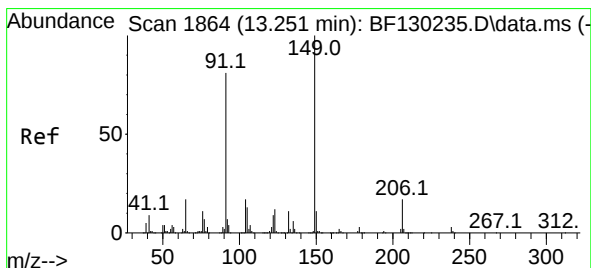
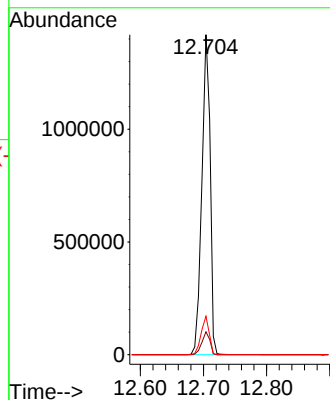
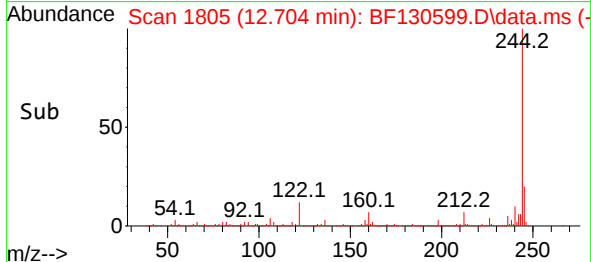
Instrument :
 BNA_F
 ClientSampleId :
 PB148187BSD



Tgt Ion:244 Resp: 1288540
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 12.0 8.5 12.7

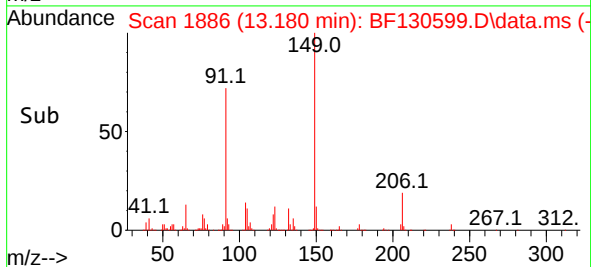
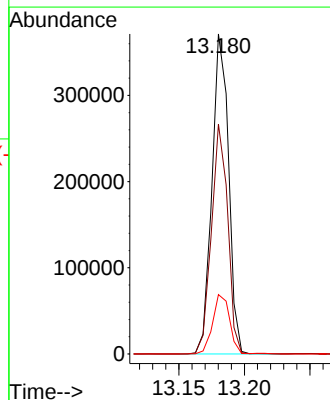
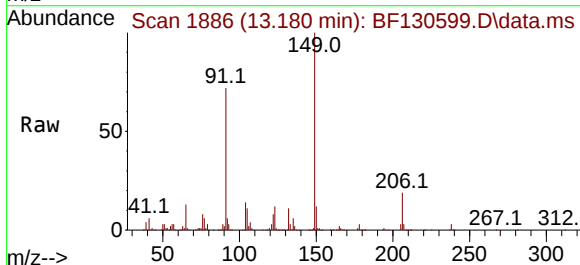
Manual Integrations
 APPROVED

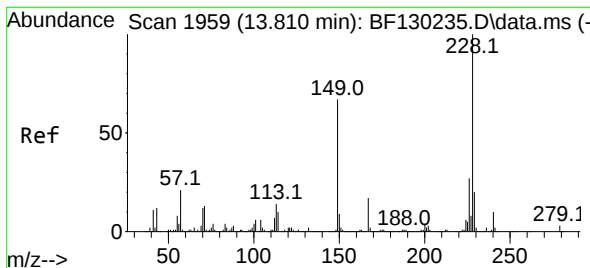
Reviewed By :Christian Giraldo 10/11/2022
 Supervised By :Jagrut Upadhyay 10/14/2022



#80
 Butylbenzylphthalate
 Concen: 50.077 ng
 RT: 13.180 min Scan# 1886
 Delta R.T. -0.000 min
 Lab File: BF130599.D
 Acq: 10 Oct 2022 12:56

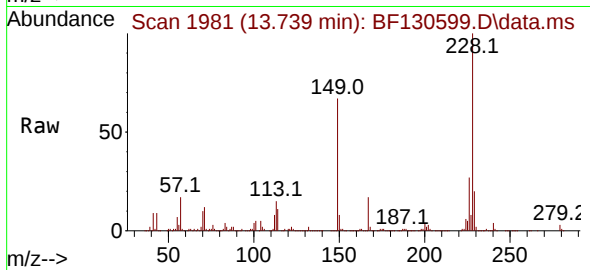
Tgt Ion:149 Resp: 326332
 Ion Ratio Lower Upper
 149 100
 91 71.8 59.8 89.8
 206 18.5 13.9 20.9





#81
Benzo(a)anthracene
Concen: 44.400 ng
RT: 13.739 min Scan# 1959
Delta R.T. -0.000 min
Lab File: BF130599.D
Acq: 10 Oct 2022 12:56

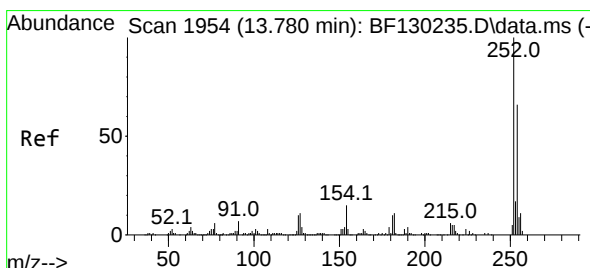
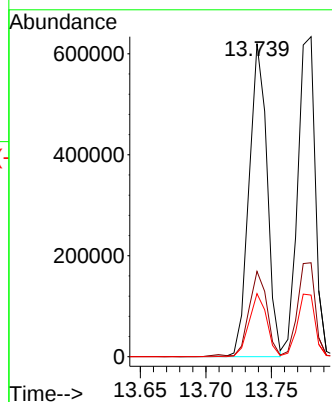
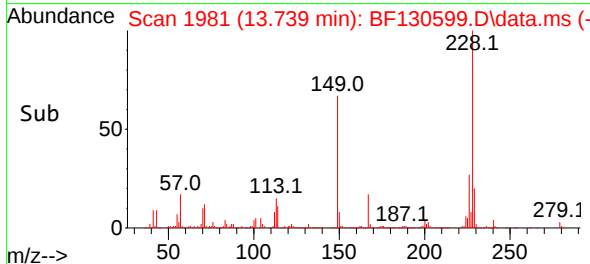
Instrument :
BNA_F
ClientSampleId :
PB148187BSD



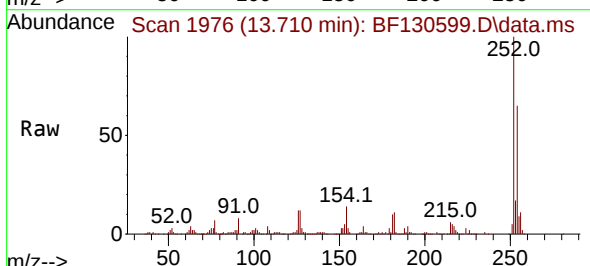
Tgt Ion:228 Resp: 593940
Ion Ratio Lower Upper
228 100
226 27.2 21.9 32.9
229 20.1 16.1 24.1

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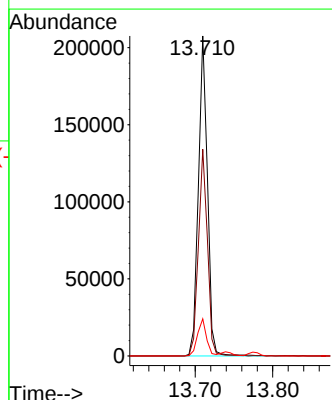
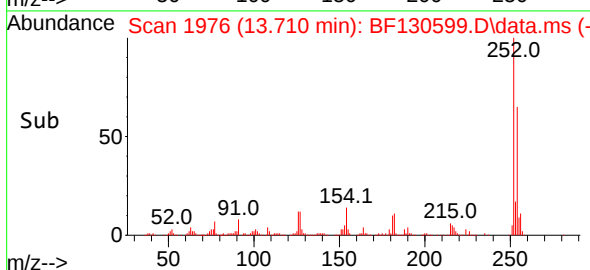
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :Jagrut Upadhyay 10/14/2022

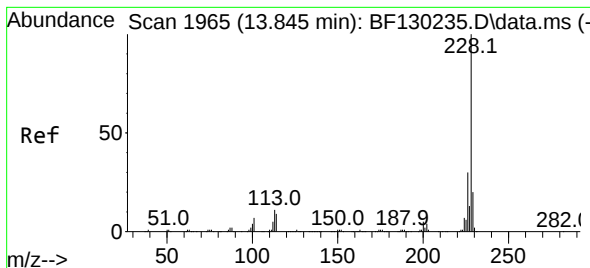


#82
3,3'-Dichlorobenzidine
Concen: 46.300 ng
RT: 13.710 min Scan# 1976
Delta R.T. -0.000 min
Lab File: BF130599.D
Acq: 10 Oct 2022 12:56



Tgt Ion:252 Resp: 168595
Ion Ratio Lower Upper
252 100
254 64.6 51.1 76.7
126 11.6 10.4 15.6





#83

Chrysene

Concen: 46.429 ng

RT: 13.780 min Scan# 1988

Delta R.T. 0.006 min

Lab File: BF130599.D

Acq: 10 Oct 2022 12:56

Instrument :

BNA_F

ClientSampleId :

PB148187BSD

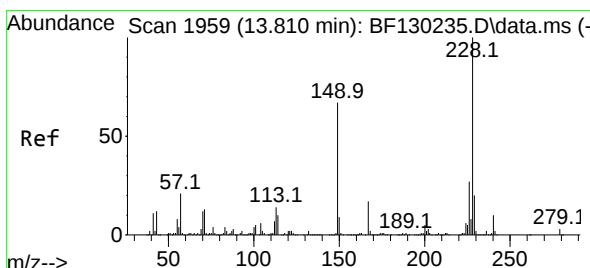
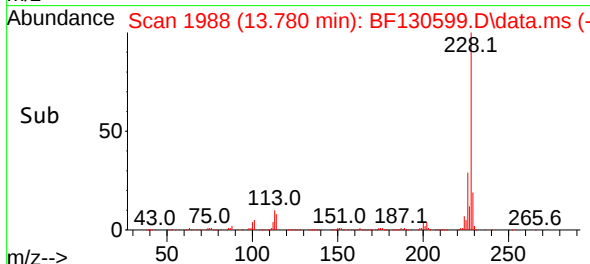
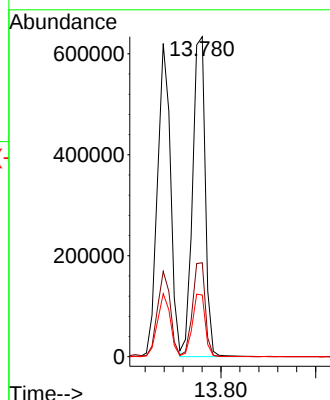
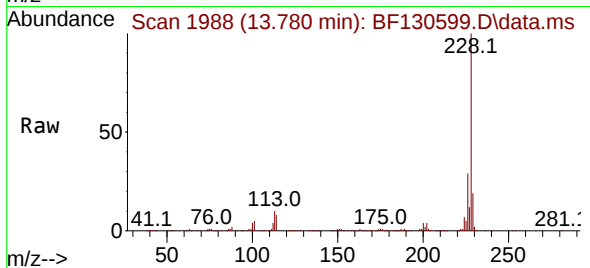
Tgt Ion:228 Resp: 58971

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.8	35.8
229	19.3	15.3	22.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/11/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.282 ng

RT: 13.739 min Scan# 1981

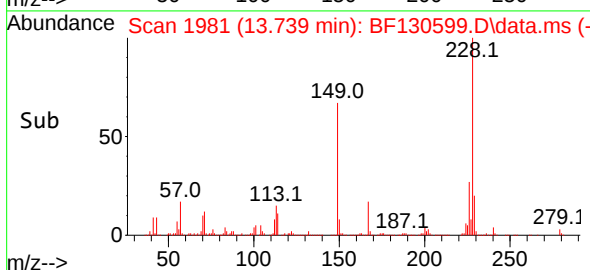
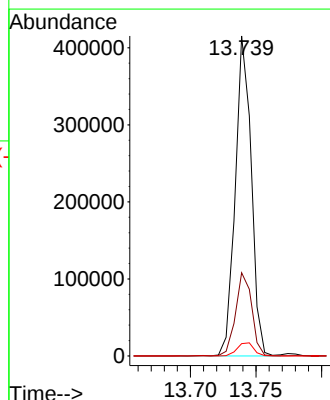
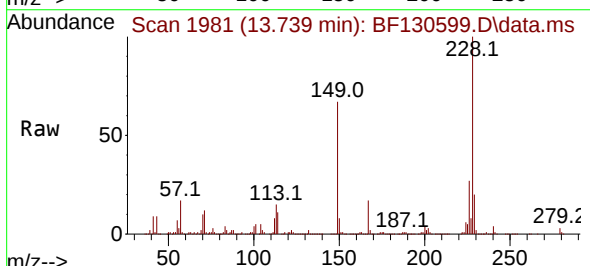
Delta R.T. -0.000 min

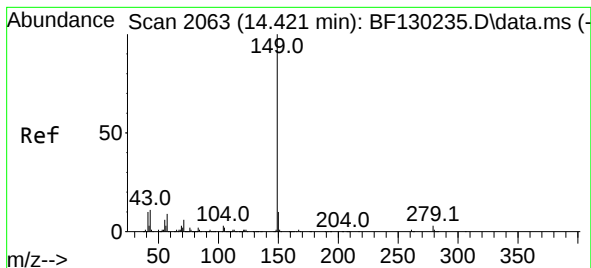
Lab File: BF130599.D

Acq: 10 Oct 2022 12:56

Tgt Ion:149 Resp: 352933

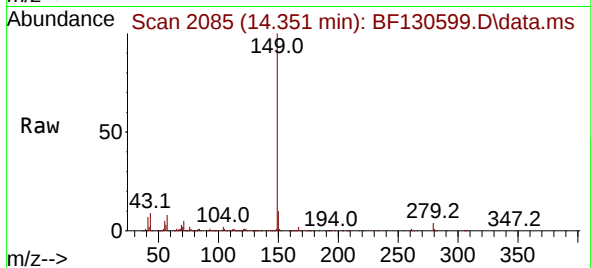
Ion	Ratio	Lower	Upper
149	100		
167	26.0	20.5	30.7
279	3.8	2.9	4.3





#85
Di-n-octyl phthalate
Concen: 52.426 ng
RT: 14.351 min Scan# 2063
Delta R.T. -0.000 min
Lab File: BF130599.D
Acq: 10 Oct 2022 12:56

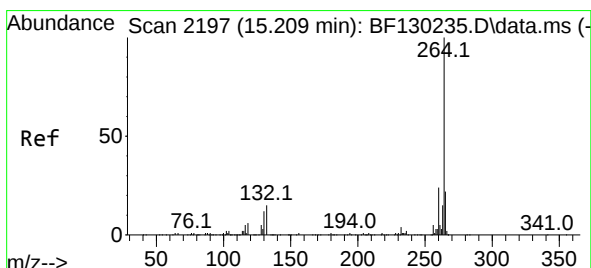
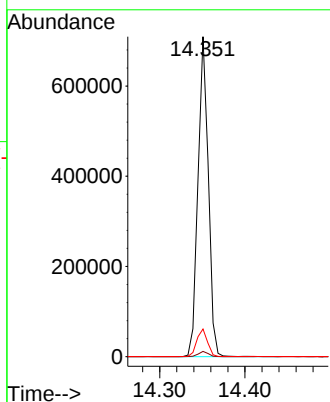
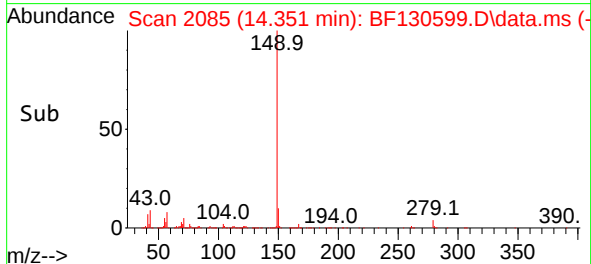
Instrument :
BNA_F
ClientSampleId :
PB148187BSD



Tgt Ion:149 Resp: 598540
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.8 8.7 13.1

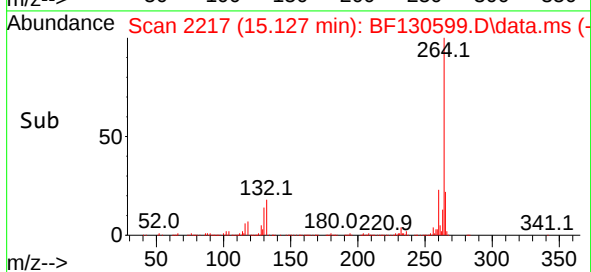
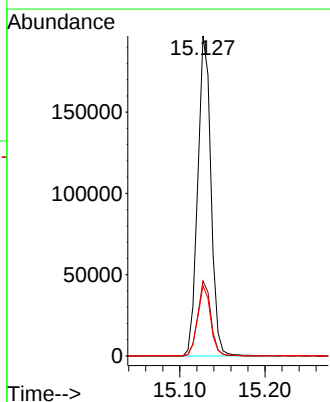
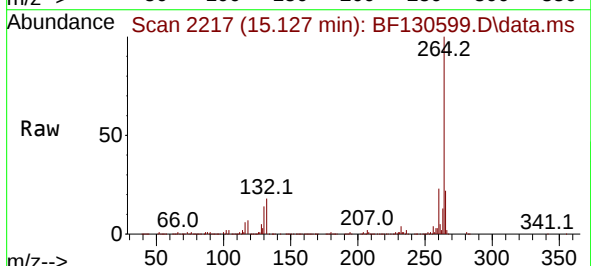
Manual Integrations
APPROVED

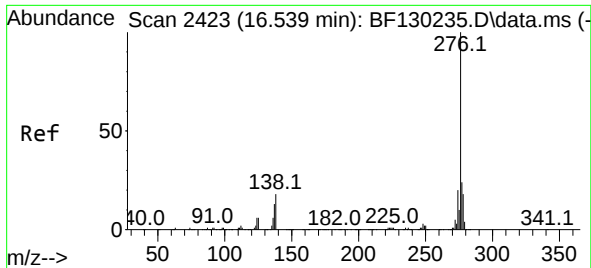
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.127 min Scan# 2217
Delta R.T. -0.000 min
Lab File: BF130599.D
Acq: 10 Oct 2022 12:56

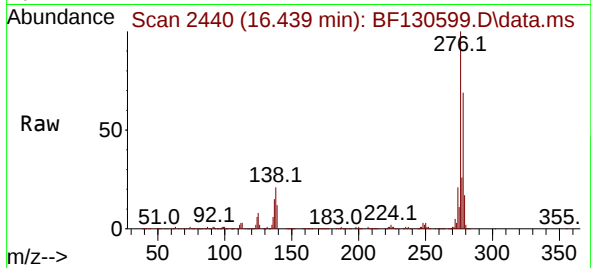
Tgt Ion:264 Resp: 211875
Ion Ratio Lower Upper
264 100
260 23.4 19.3 28.9
265 21.9 17.0 25.4





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.941 ng
 RT: 16.439 min Scan# 2423
 Delta R.T. 0.006 min
 Lab File: BF130599.D
 Acq: 10 Oct 2022 12:56

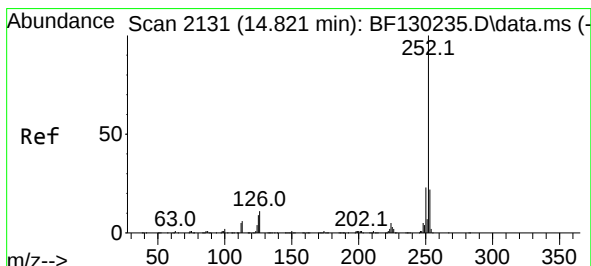
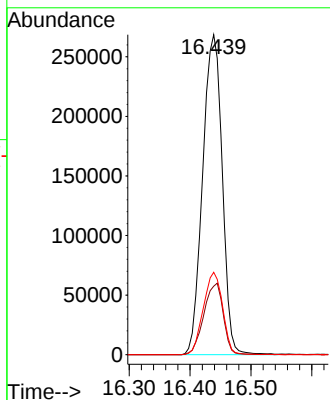
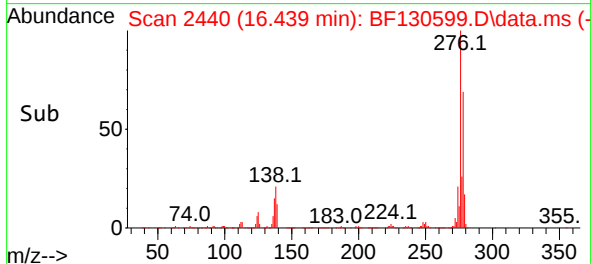
Instrument :
 BNA_F
 ClientSampleId :
 PB148187BSD



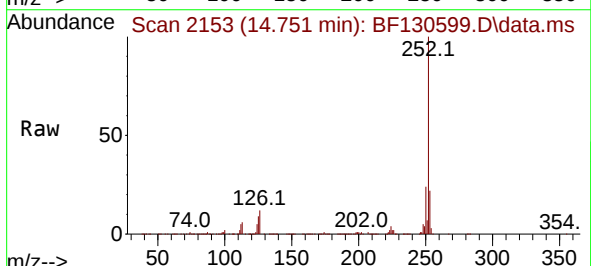
Tgt Ion: 276 Resp: 600109
 Ion Ratio Lower Upper
 276 100
 138 22.2 18.5 27.7
 277 25.4 20.2 30.4

Manual Integrations
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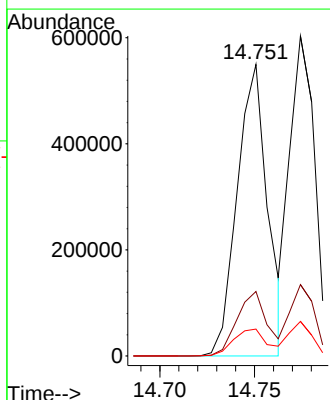
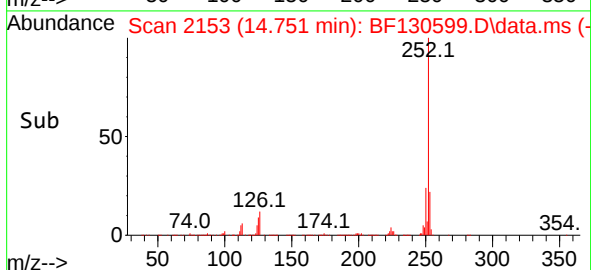
Reviewed By : Christian Giraldo 10/11/2022
 Supervised By : Jagrut Upadhyay 10/14/2022

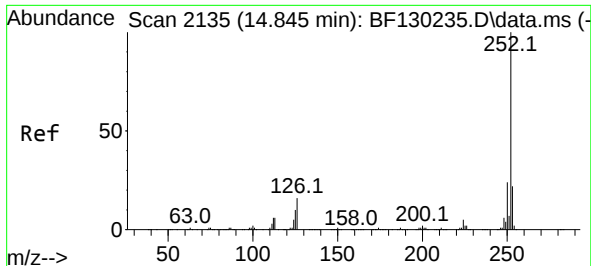


#88
 Benzo(b)fluoranthene
 Concen: 44.335 ng
 RT: 14.751 min Scan# 2153
 Delta R.T. 0.006 min
 Lab File: BF130599.D
 Acq: 10 Oct 2022 12:56



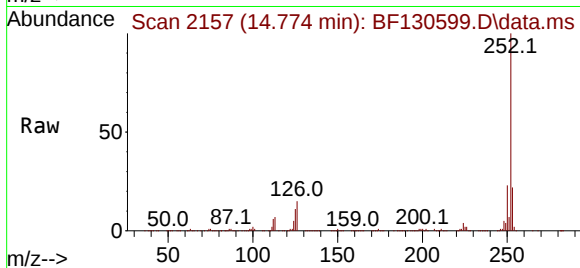
Tgt Ion: 252 Resp: 613104
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.7 26.5
 125 9.2 8.1 12.1





#89
Benzo(k)fluoranthene
Concen: 41.442 ng
RT: 14.774 min Scan# 2135
Delta R.T. -0.000 min
Lab File: BF130599.D
Acq: 10 Oct 2022 12:56

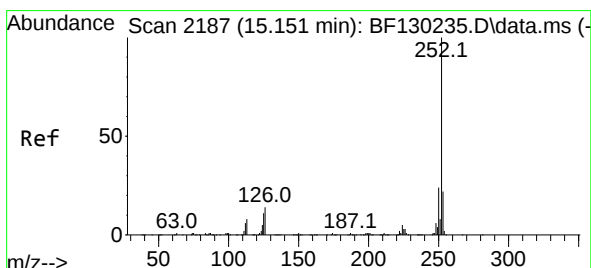
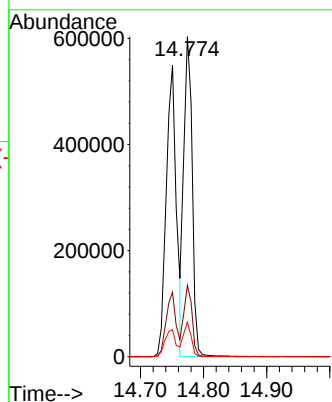
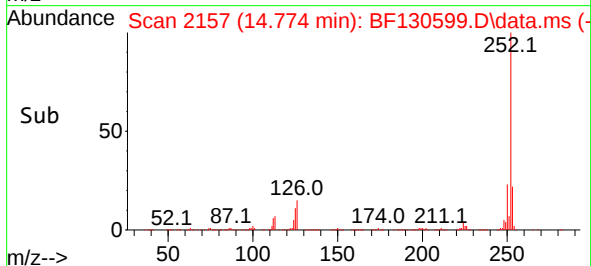
Instrument :
BNA_F
ClientSampleId :
PB148187BSD



Tgt Ion:252 Resp: 563764
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 10.8 7.9 11.9

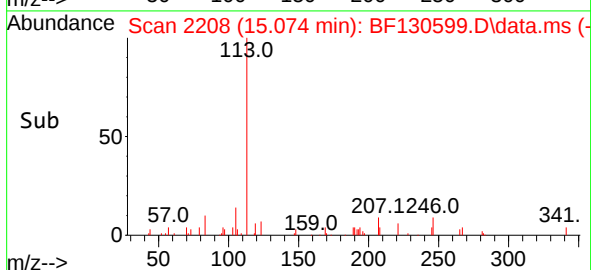
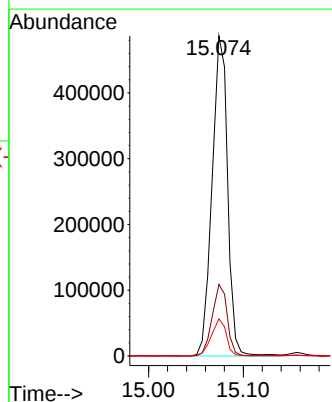
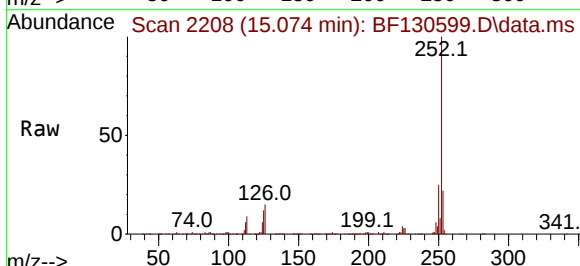
Manual Integrations
APPROVED

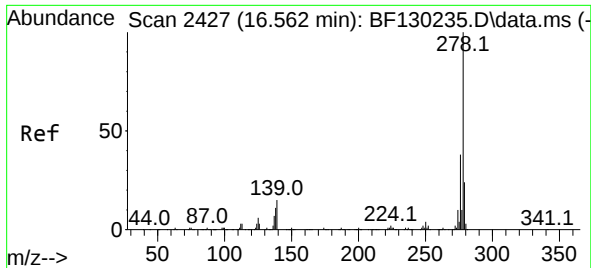
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#90
Benzo(a)pyrene
Concen: 50.639 ng
RT: 15.074 min Scan# 2208
Delta R.T. -0.000 min
Lab File: BF130599.D
Acq: 10 Oct 2022 12:56

Tgt Ion:252 Resp: 554795
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 11.6 9.0 13.6





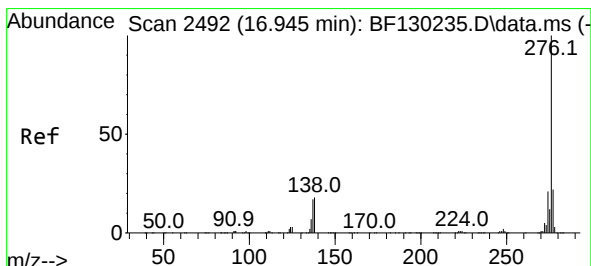
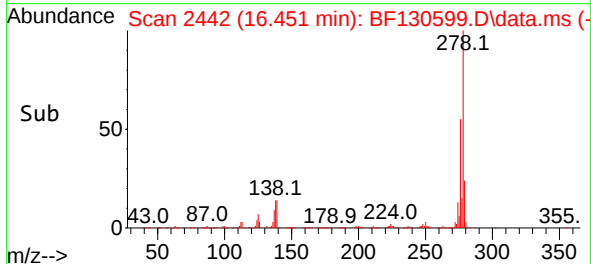
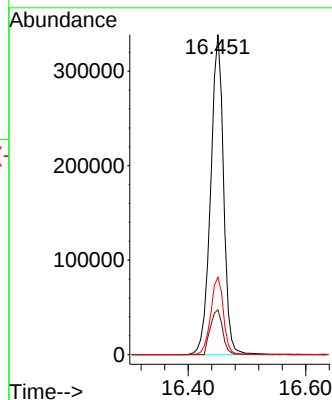
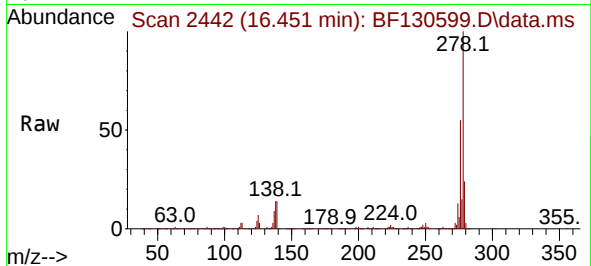
#91
Dibenzo(a,h)anthracene
Concen: 42.023 ng
RT: 16.451 min Scan# 2427
Delta R.T. 0.006 min
Lab File: BF130599.D
Acq: 10 Oct 2022 12:56

Instrument :
BNA_F
ClientSampleId :
PB148187BSD

Tgt Ion:278 Resp: 51796
Ion Ratio Lower Upper
278 100
139 14.0 11.8 17.8
279 24.2 19.4 29.0

Manual Integrations
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Reviewed By :Christian Giraldo 10/11/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#92
Benzo(g,h,i)perylene
Concen: 42.092 ng
RT: 16.833 min Scan# 2507
Delta R.T. 0.006 min
Lab File: BF130599.D
Acq: 10 Oct 2022 12:56

Tgt Ion:276 Resp: 522627
Ion Ratio Lower Upper
276 100
277 23.5 18.6 27.8
138 18.1 14.6 21.8

