

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092022\
 Data File : BF130339.D
 Acq On : 20 Sep 2022 12:12
 Operator : CG\JU
 Sample : PB147724BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147724BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/21/2022
 Supervised By : Jagrut Upadhyay 09/21/2022

Quant Time: Sep 21 05:11:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 15:06:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.657	152	106681	20.000	ng	0.00
21) Naphthalene-d8	7.945	136	419531	20.000	ng	0.00
39) Acenaphthene-d10	9.692	164	223601	20.000	ng	0.00
64) Phenanthrene-d10	11.174	188	398126	20.000	ng	0.00
76) Chrysene-d12	13.804	240	249337	20.000	ng	0.00
86) Perylene-d12	15.192	264	196210	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.275	112	806235	131.081	ng	0.02
7) Phenol-d6	6.310	99	993293	129.068	ng	0.01
23) Nitrobenzene-d5	7.228	82	643859	78.406	ng	0.00
42) 2,4,6-Tribromophenol	10.486	330	338502	157.992	ng	0.00
45) 2-Fluorobiphenyl	9.022	172	1237080	80.564	ng	0.00
79) Terphenyl-d14	12.763	244	1392803	92.532	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.375	88	89484	31.678	ng	98
3) Pyridine	3.051	79	243033	32.982	ng	97
4) n-Nitrosodimethylamine	3.010	42	147979	36.923	ng	96
6) Aniline	6.322	93	369042	38.919	ng	# 25
8) 2-Chlorophenol	6.445	128	314455	44.881	ng	94
9) Benzaldehyde	6.210	77	185502	35.984	ng	92
10) Phenol	6.322	94	383822	42.558	ng	# 72
11) bis(2-Chloroethyl)ether	6.404	93	275185	42.303	ng	94
12) 1,3-Dichlorobenzene	6.598	146	335799	43.557	ng	96
13) 1,4-Dichlorobenzene	6.675	146	339546	43.190	ng	99
14) 1,2-Dichlorobenzene	6.828	146	320107	43.587	ng	98
15) Benzyl Alcohol	6.810	79	245969	40.311	ng	96
16) 2,2'-oxybis(1-Chloropr...	6.939	45	361104	38.060	ng	87
17) 2-Methylphenol	6.928	107	259750	45.606	ng	97
18) Hexachloroethane	7.169	117	132095	42.626	ng	98
19) n-Nitroso-di-n-propyla...	7.081	70	212748	40.968	ng	94
20) 3+4-Methylphenols	7.081	107	316808	42.819	ng	# 79
22) Acetophenone	7.075	105	444020	43.290	ng	94
24) Nitrobenzene	7.245	77	331543	39.762	ng	97
25) Isophorone	7.486	82	578392	43.700	ng	98
26) 2-Nitrophenol	7.563	139	166431	48.691	ng	90
27) 2,4-Dimethylphenol	7.610	122	258290	49.076	ng	95
28) bis(2-Chloroethoxy)met...	7.704	93	345228	46.322	ng	100
29) 2,4-Dichlorophenol	7.810	162	259887	45.061	ng	94
30) 1,2,4-Trichlorobenzene	7.886	180	268808	43.109	ng	95
31) Naphthalene	7.963	128	900329	41.655	ng	100
32) Benzoic acid	7.745	122	164560	40.432	ng	97
33) 4-Chloroaniline	8.022	127	311437	37.886	ng	95
34) Hexachlorobutadiene	8.081	225	167741	42.093	ng	98
35) Caprolactam	8.392	113	82494m	49.894	ng	
36) 4-Chloro-3-methylphenol	8.510	107	292936	45.823	ng	98
37) 2-Methylnaphthalene	8.657	142	588922	42.735	ng	99
38) 1-Methylnaphthalene	8.757	142	564798	42.664	ng	99
40) 1,2,4,5-Tetrachloroben...	8.822	216	274614	45.003	ng	99
41) Hexachlorocyclopentadiene	8.810	237	336460	102.986	ng	98
43) 2,4,6-Trichlorophenol	8.939	196	189770	44.560	ng	93

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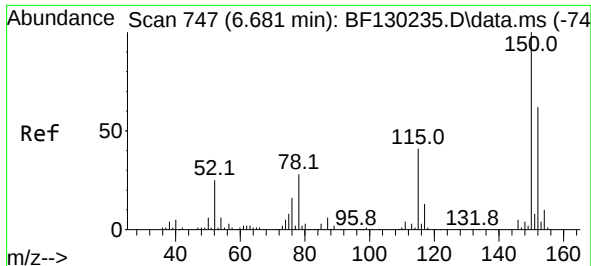
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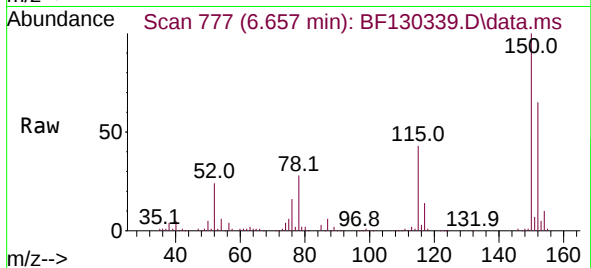
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.980	196	207111	45.067	ng	97
46) 1,1'-Biphenyl	9.122	154	725734	43.458	ng	98
47) 2-Chloronaphthalene	9.145	162	571787	42.327	ng	97
48) 2-Nitroaniline	9.245	65	185934	41.267	ng	96
49) Acenaphthylene	9.557	152	873279	43.115	ng	99
50) Dimethylphthalate	9.433	163	666426	43.147	ng	99
51) 2,6-Dinitrotoluene	9.492	165	152582	47.236	ng	# 78
52) Acenaphthene	9.727	154	643554m	48.359	ng	
53) 3-Nitroaniline	9.657	138	132186	36.725	ng	93
54) 2,4-Dinitrophenol	9.763	184	172185	96.836	ng	94
55) Dibenzofuran	9.904	168	793738	42.881	ng	98
56) 4-Nitrophenol	9.833	139	251986	96.119	ng	90
57) 2,4-Dinitrotoluene	9.892	165	203097	49.197	ng	92
58) Fluorene	10.245	166	652174	43.082	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.022	232	164183	45.643	ng	93
60) Diethylphthalate	10.127	149	664001	42.870	ng	99
61) 4-Chlorophenyl-phenyle...	10.239	204	297368	44.779	ng	97
62) 4-Nitroaniline	10.275	138	163517	45.222	ng	93
63) Azobenzene	10.398	77	621522	38.970	ng	97
65) 4,6-Dinitro-2-methylph...	10.298	198	102922	46.440	ng	89
66) n-Nitrosodiphenylamine	10.363	169	555777	41.775	ng	99
67) 4-Bromophenyl-phenylether	10.727	248	190687	43.417	ng	96
68) Hexachlorobenzene	10.786	284	224169	45.026	ng	99
69) Atrazine	10.892	200	183127	47.101	ng	99
70) Pentachlorophenol	10.986	266	250833	93.876	ng	98
71) Phenanthrene	11.204	178	935500	41.852	ng	100
72) Anthracene	11.251	178	951617	44.116	ng	100
73) Carbazole	11.410	167	869085	44.644	ng	99
74) Di-n-butylphthalate	11.745	149	1001937	42.681	ng	99
75) Fluoranthene	12.386	202	960758	44.481	ng	97
77) Benzidine	12.516	184	510501	70.530	ng	99
78) Pyrene	12.610	202	945890	43.365	ng	100
80) Butylbenzylphthalate	13.239	149	380142	47.044	ng	96
81) Benzo(a)anthracene	13.798	228	714666	43.086	ng	99
82) 3,3'-Dichlorobenzidine	13.768	252	207885	46.041	ng	# 98
83) Chrysene	13.833	228	648644	41.185	ng	99
84) Bis(2-ethylhexyl)phtha...	13.798	149	450250	48.646	ng	97
85) Di-n-octyl phthalate	14.410	149	598264	42.260	ng	96
87) Indeno(1,2,3-cd)pyrene	16.527	276	595390	42.791	ng	98
88) Benzo(b)fluoranthene	14.804	252	618494	48.295	ng	99
89) Benzo(k)fluoranthene	14.833	252	542044	43.027	ng	99
90) Benzo(a)pyrene	15.139	252	501123	49.392	ng	98
91) Dibenzo(a,h)anthracene	16.545	278	521653	45.701	ng	98
92) Benzo(g,h,i)perylene	16.927	276	518332	45.079	ng	99

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.657 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF130339.D
 Acq: 20 Sep 2022 12:12

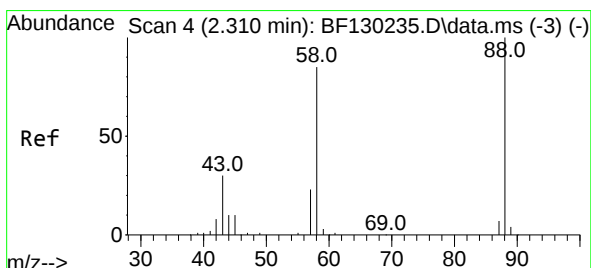
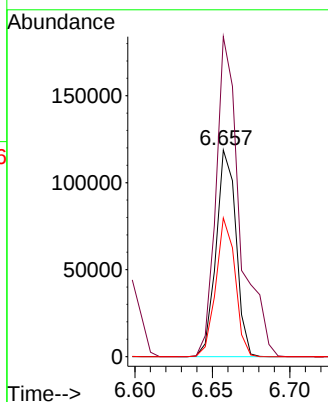
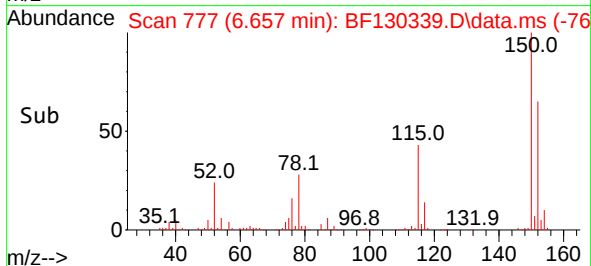
Instrument :
 BNA_F
 ClientSampleId :
 PB147724BS



Tgt Ion:152 Resp: 106681
 Ion Ratio Lower Upper
 152 100
 150 154.8 122.8 184.2
 115 67.1 53.8 80.8

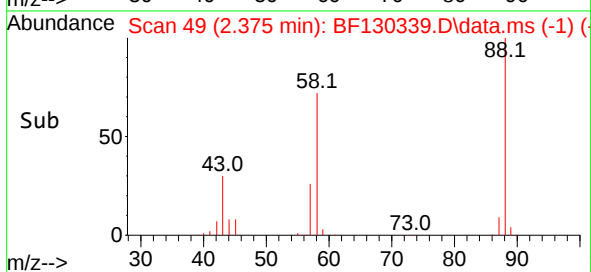
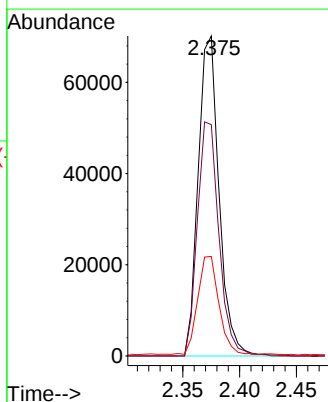
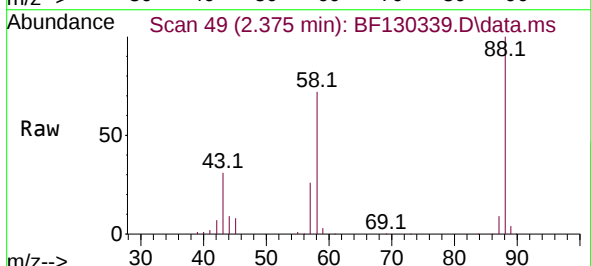
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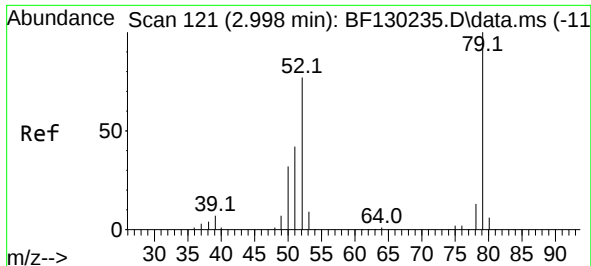
Reviewed By :Christian Giraldo 09/21/2022
 Supervised By :Jagrut Upadhyay 09/21/2022



#2
 1,4-Dioxane
 Concen: 31.678 ng
 RT: 2.375 min Scan# 49
 Delta R.T. 0.088 min
 Lab File: BF130339.D
 Acq: 20 Sep 2022 12:12

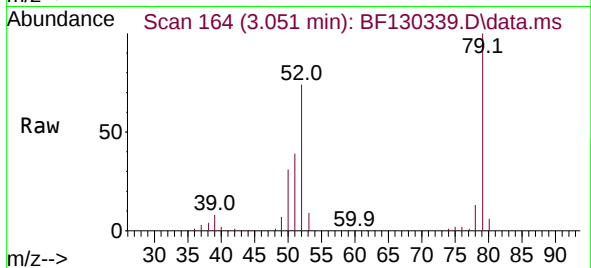
Tgt Ion: 88 Resp: 89484
 Ion Ratio Lower Upper
 88 100
 58 75.8 61.3 91.9
 43 31.2 23.0 34.6





#3
Pyridine
Concen: 32.982 ng
RT: 3.051 min Scan# 10
Delta R.T. 0.082 min
Lab File: BF130339.D
Acq: 20 Sep 2022 12:12

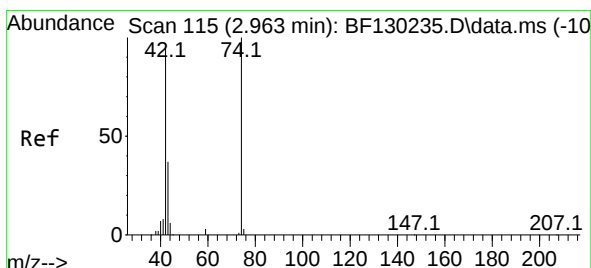
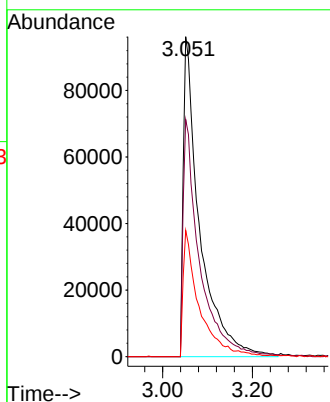
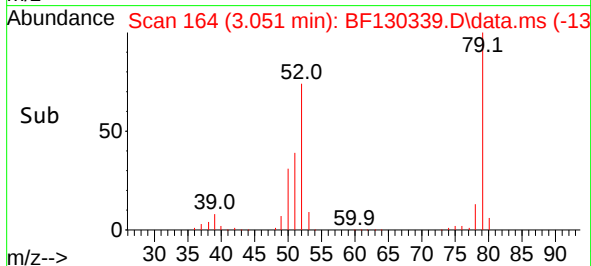
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BNA_F
ClientSampleId :
PB147724BS



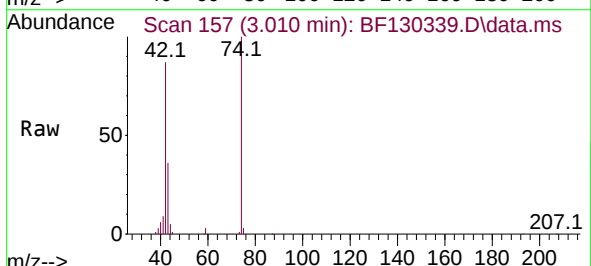
Tgt Ion: 79 Resp: 243033
Ion Ratio Lower Upper
79 100
52 74.1 62.4 93.6
51 39.4 32.2 48.4

Manual Integrations
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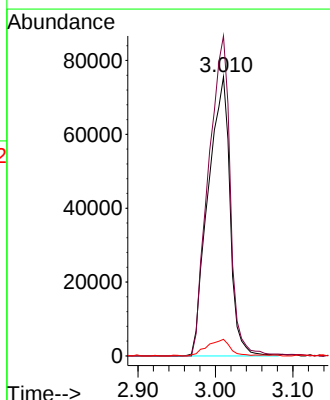
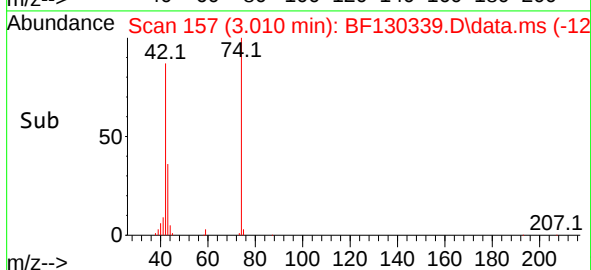
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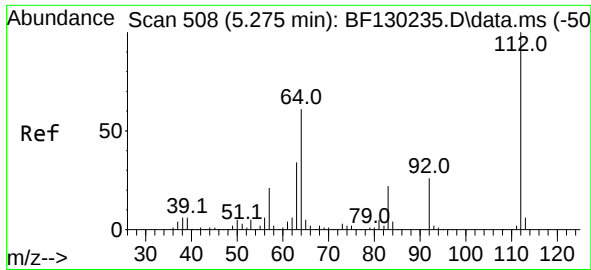


#4
n-Nitrosodimethylamine
Concen: 36.923 ng
RT: 3.010 min Scan# 157
Delta R.T. 0.071 min
Lab File: BF130339.D
Acq: 20 Sep 2022 12:12



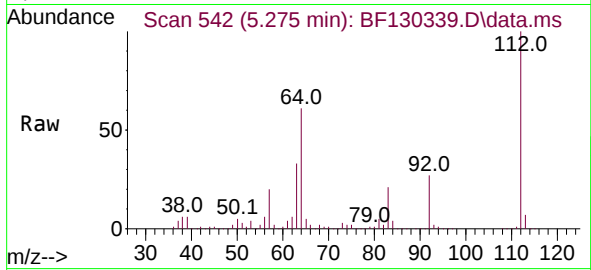
Tgt Ion: 42 Resp: 147979
Ion Ratio Lower Upper
42 100
74 114.7 88.4 132.6
44 6.0 5.0 7.4





#5
2-Fluorophenol
Concen: 131.081 ng
RT: 5.275 min Scan# 54
Delta R.T. 0.018 min
Lab File: BF130339.D
Acq: 20 Sep 2022 12:12

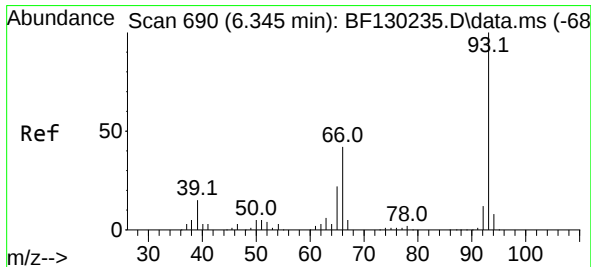
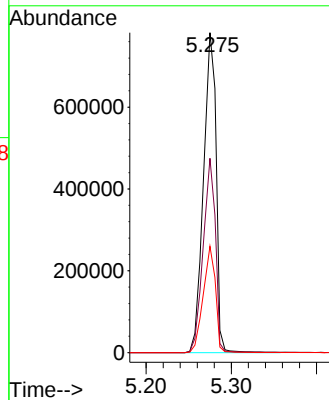
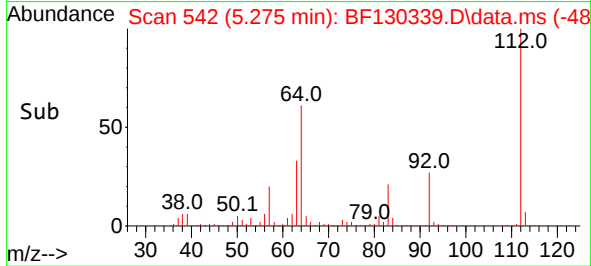
Instrument :
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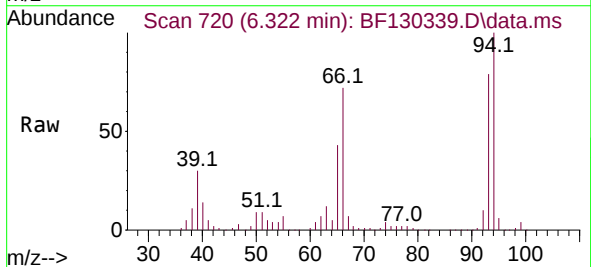
Tgt Ion:112 Resp: 806235
Ion Ratio Lower Upper
112 100
64 60.7 51.4 77.0
63 33.2 28.8 43.2

Manual Integrations
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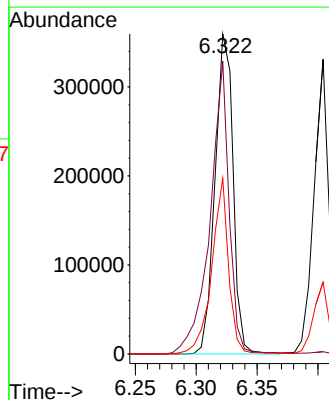
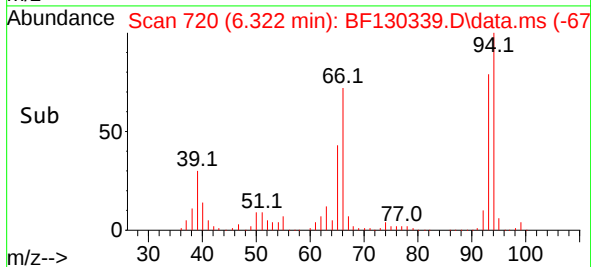
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022



#6
Aniline
Concen: 38.919 ng
RT: 6.322 min Scan# 720
Delta R.T. -0.006 min
Lab File: BF130339.D
Acq: 20 Sep 2022 12:12



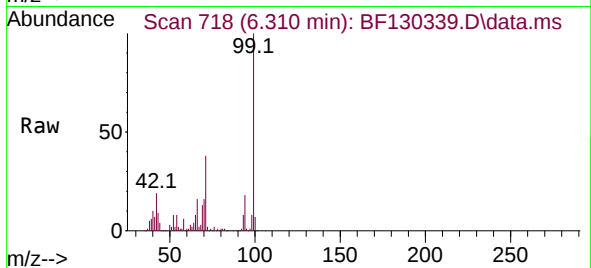
Tgt Ion: 93 Resp: 369042
Ion Ratio Lower Upper
93 100
66 91.4 34.2 51.4#
65 54.9 16.6 24.8#





#7
Phenol-d6
Concen: 129.068 ng
RT: 6.310 min Scan# 710
Delta R.T. 0.012 min
Lab File: BF130339.D
Acq: 20 Sep 2022 12:12

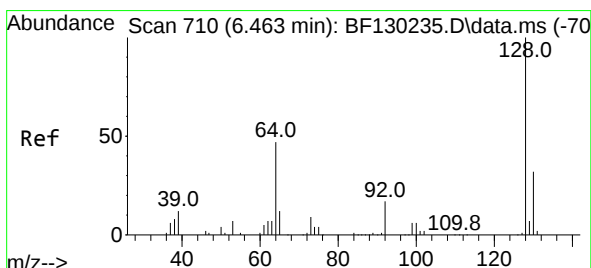
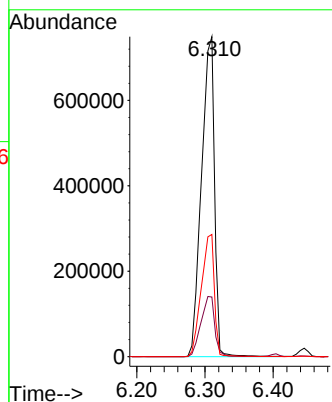
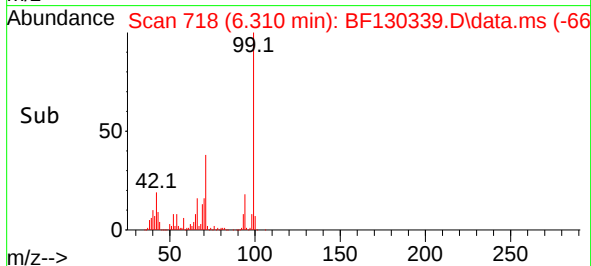
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PB147724BS



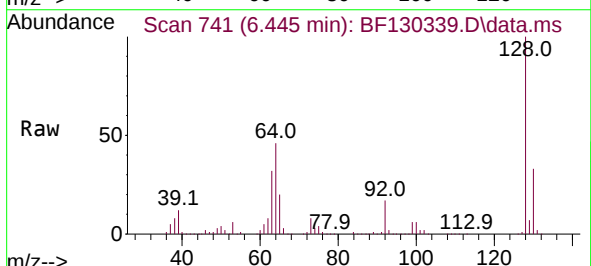
Tgt Ion: 99 Resp: 993293
Ion Ratio Lower Upper
99 100
42 18.6 17.0 25.6
71 38.2 32.3 48.5

Manual Integrations
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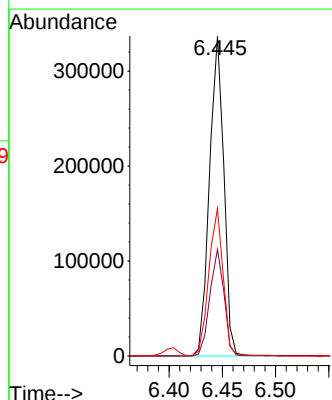
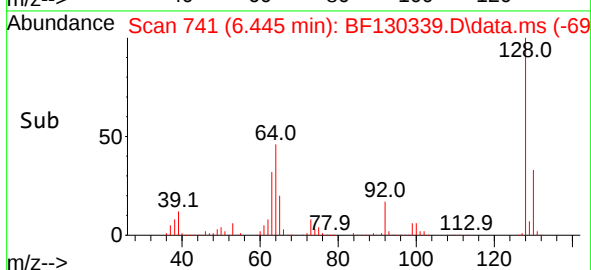
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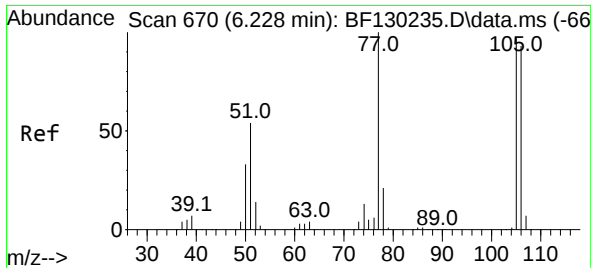


#8
2-Chlorophenol
Concen: 44.881 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF130339.D
Acq: 20 Sep 2022 12:12



Tgt Ion:128 Resp: 314455
Ion Ratio Lower Upper
128 100
130 33.3 12.4 52.4
64 46.0 31.6 71.6





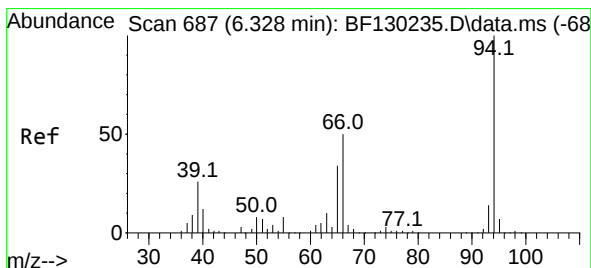
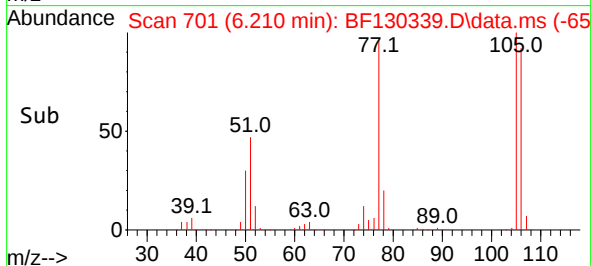
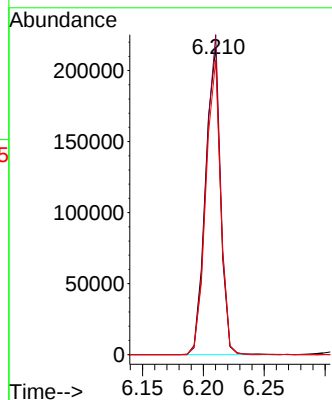
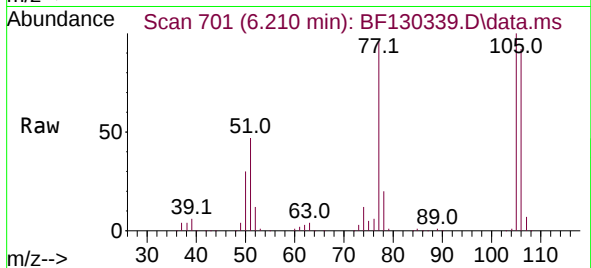
#9
Benzaldehyde
Concen: 35.984 ng
RT: 6.210 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF130339.D
Acq: 20 Sep 2022 12:12

Instrument :
BNA_F
Client Sample Id :
PB147724BS

Tgt Ion: 77 Resp: 185502
Ion Ratio Lower Upper
77 100
105 104.0 75.1 115.1
106 95.8 69.7 109.7

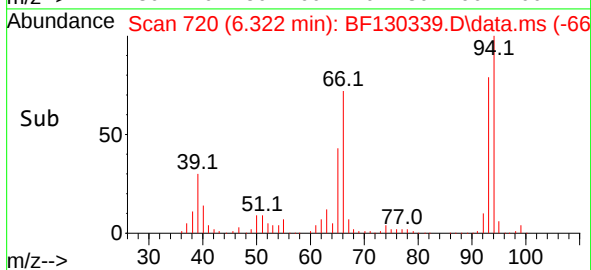
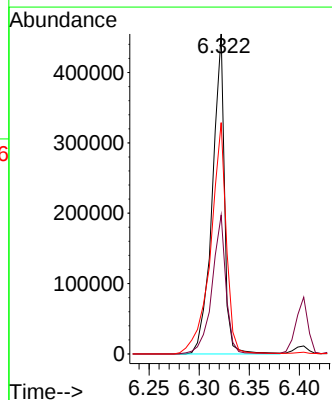
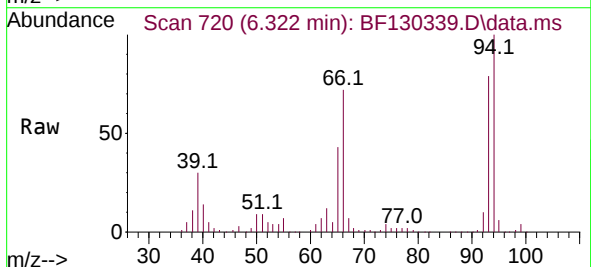
Manual Integrations
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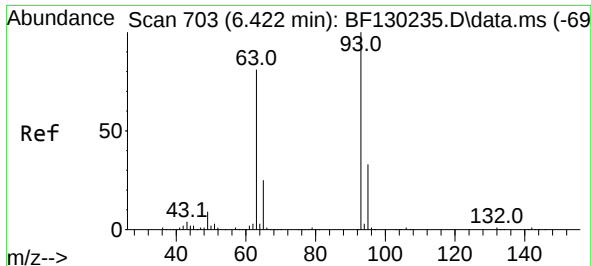
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022



#10
Phenol
Concen: 42.558 ng
RT: 6.322 min Scan# 720
Delta R.T. 0.006 min
Lab File: BF130339.D
Acq: 20 Sep 2022 12:12

Tgt Ion: 94 Resp: 383822
Ion Ratio Lower Upper
94 100
65 43.4 14.1 54.1
66 72.3 28.1 68.1#





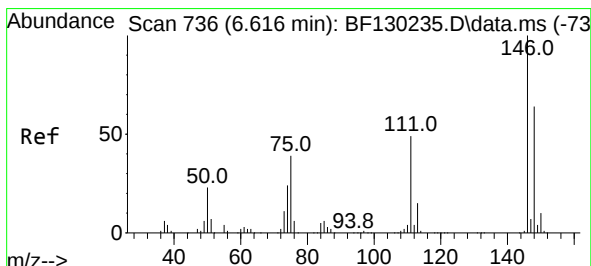
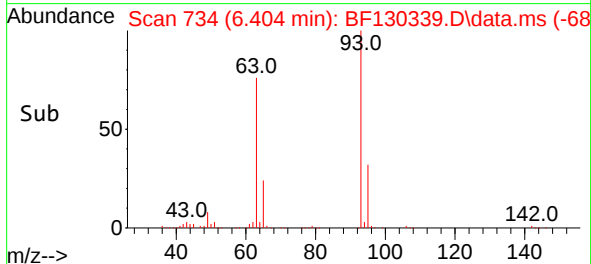
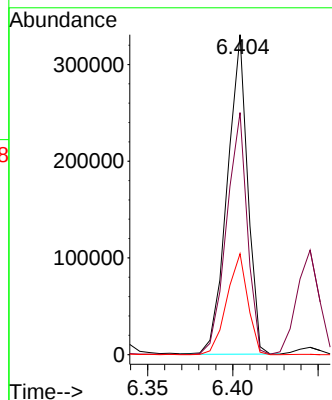
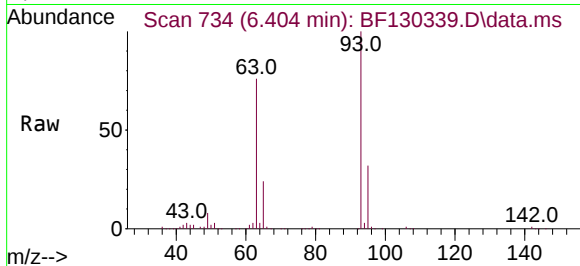
#11
bis(2-Chloroethyl)ether
Concen: 42.303 ng
RT: 6.404 min Scan# 734
Delta R.T. -0.000 min
Lab File: BF130339.D
Acq: 20 Sep 2022 12:12

Instrument :
BNA_F
ClientSampleId :
PB147724BS

Tgt Ion: 93 Resp: 275185
Ion Ratio Lower Upper
93 100
63 75.6 62.5 102.5
95 31.5 12.5 52.5

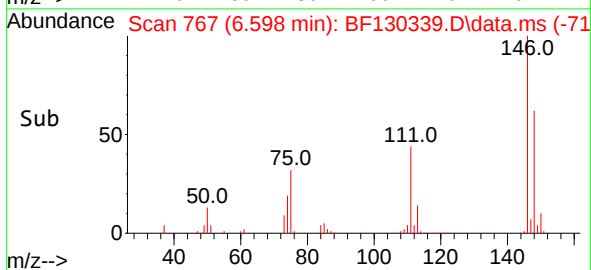
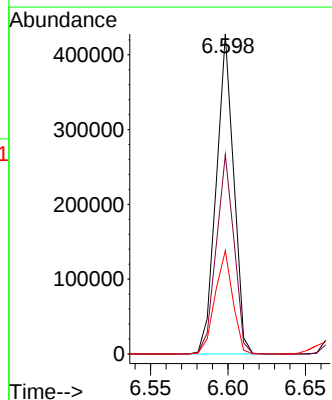
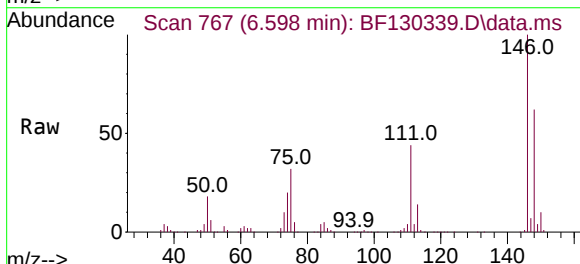
Manual Integrations
APPROVED

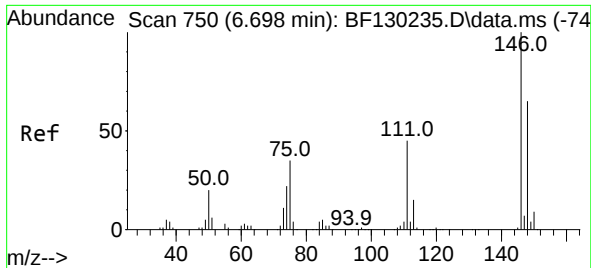
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022



#12
1,3-Dichlorobenzene
Concen: 43.557 ng
RT: 6.598 min Scan# 767
Delta R.T. -0.006 min
Lab File: BF130339.D
Acq: 20 Sep 2022 12:12

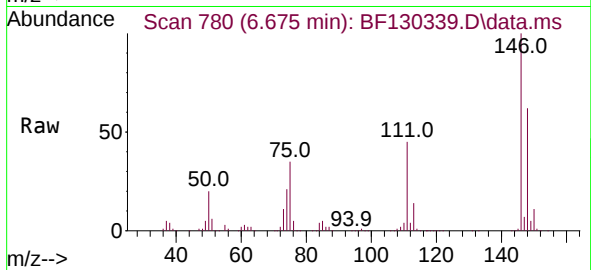
Tgt Ion:146 Resp: 335799
Ion Ratio Lower Upper
146 100
148 62.3 51.4 77.2
75 32.3 28.8 43.2





#13
1,4-Dichlorobenzene
Concen: 43.190 ng
RT: 6.675 min Scan# 780
Delta R.T. -0.006 min
Lab File: BF130339.D
Acq: 20 Sep 2022 12:12

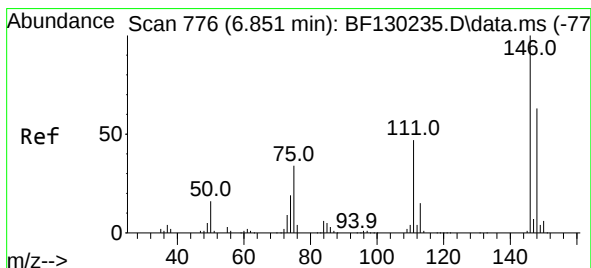
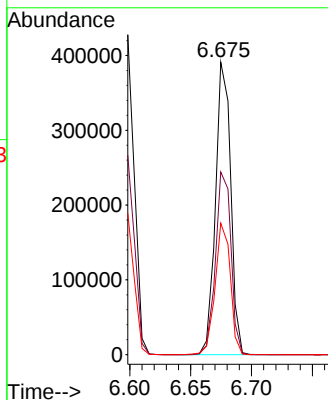
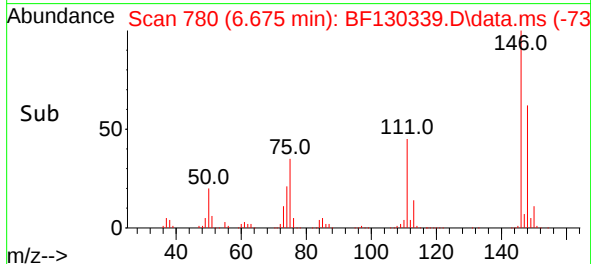
Instrument :
BNA_F
ClientSampleId :
PB147724BS



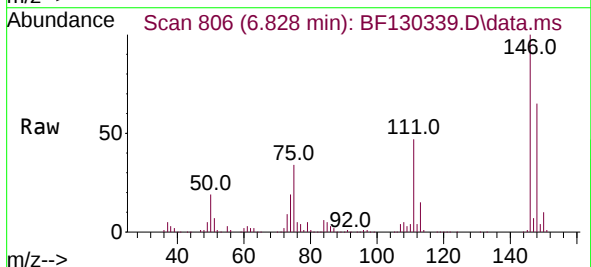
Tgt Ion:146 Resp: 339546
Ion Ratio Lower Upper
146 100
148 62.5 50.3 75.5
111 45.0 36.3 54.5

Manual Integrations
APPROVED

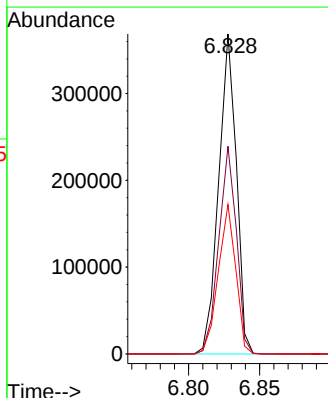
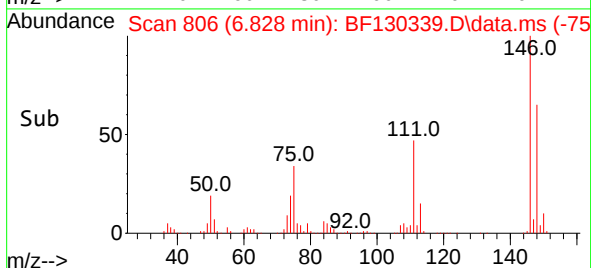
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022

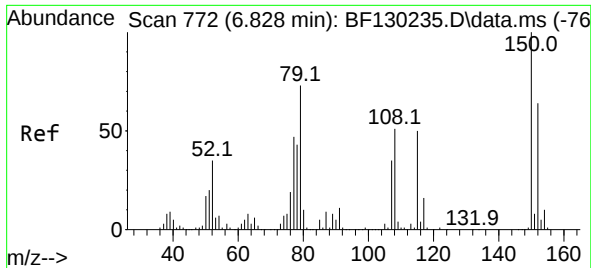


#14
1,2-Dichlorobenzene
Concen: 43.587 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF130339.D
Acq: 20 Sep 2022 12:12



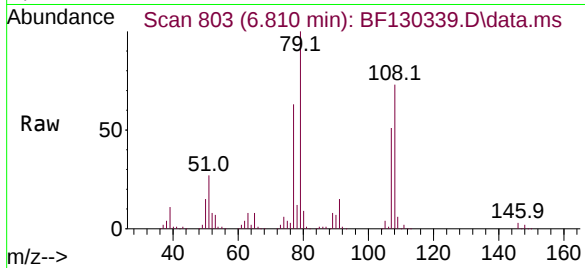
Tgt Ion:146 Resp: 320107
Ion Ratio Lower Upper
146 100
148 64.9 51.6 77.4
111 46.7 39.2 58.8





#15
Benzyl Alcohol
Concen: 40.311 ng
RT: 6.810 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF130339.D
Acq: 20 Sep 2022 12:12

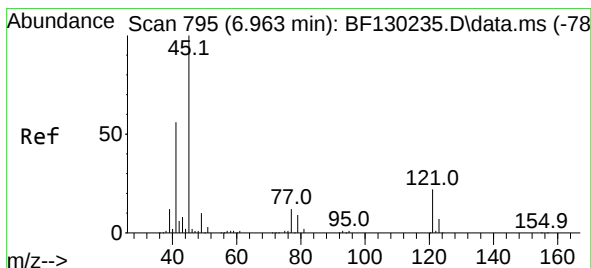
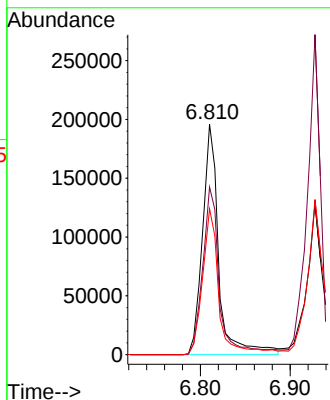
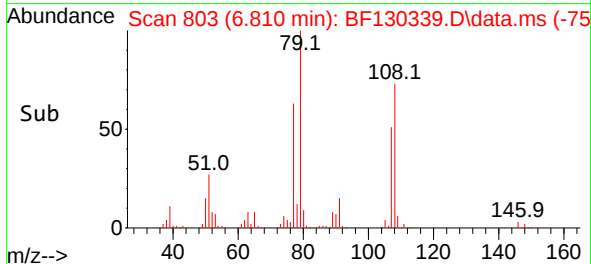
Instrument :
BNA_F
ClientSampleId :
PB147724BS



Tgt Ion: 79 Resp: 245969
Ion Ratio Lower Upper
79 100
108 72.7 54.0 81.0
77 63.3 51.3 76.9

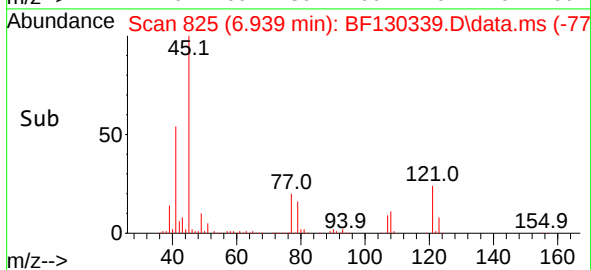
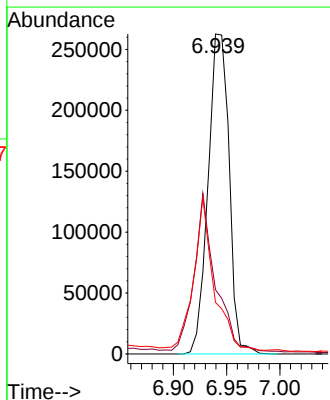
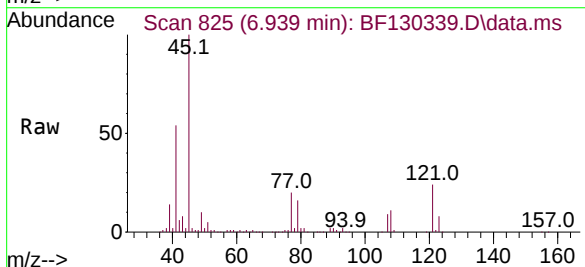
Manual Integrations
APPROVED

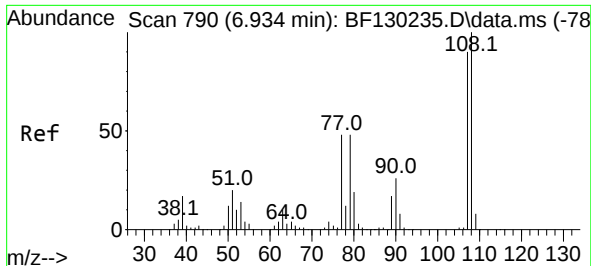
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.060 ng
RT: 6.939 min Scan# 825
Delta R.T. -0.006 min
Lab File: BF130339.D
Acq: 20 Sep 2022 12:12

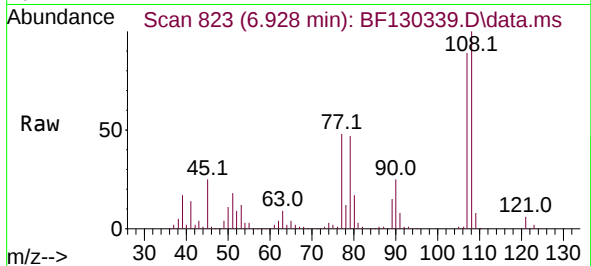
Tgt Ion: 45 Resp: 361104
Ion Ratio Lower Upper
45 100
77 20.1 0.0 34.9
79 16.1 0.0 31.0





#17
2-Methylphenol
Concen: 45.606 ng
RT: 6.928 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF130339.D
Acq: 20 Sep 2022 12:12

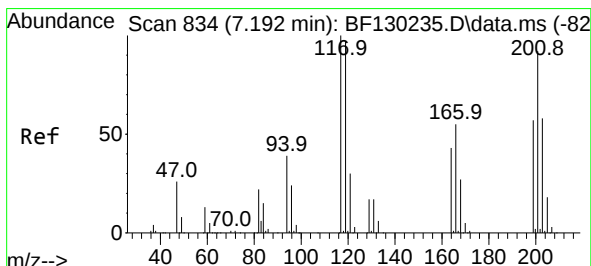
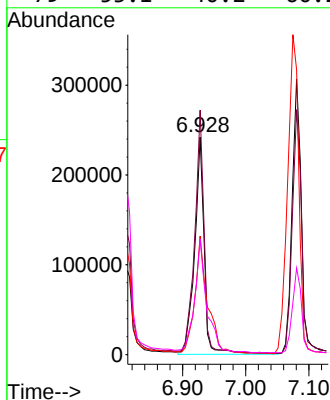
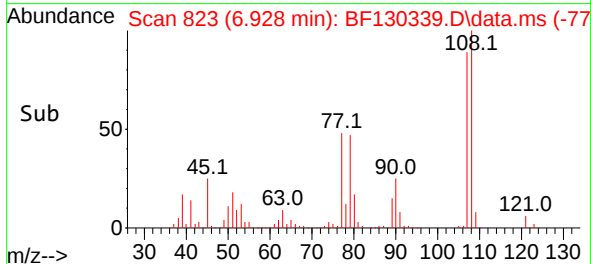
Instrument :
BNA_F
ClientSampleId :
PB147724BS



Tgt Ion:107 Resp: 259750
Ion Ratio Lower Upper
107 100
108 112.4 89.4 134.0
77 54.4 40.6 60.8
79 53.1 40.2 60.2

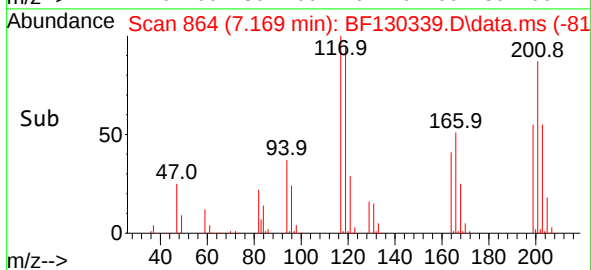
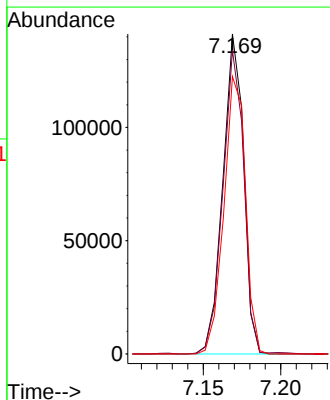
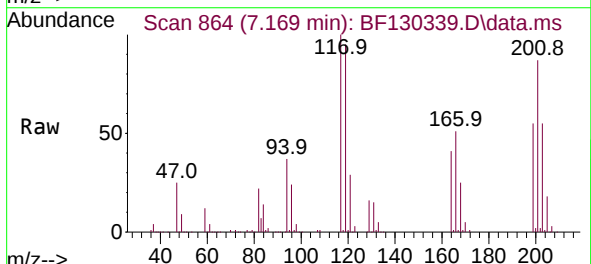
Manual Integrations
APPROVED

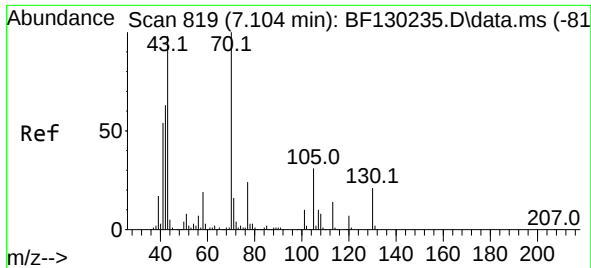
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022



#18
Hexachloroethane
Concen: 42.626 ng
RT: 7.169 min Scan# 864
Delta R.T. -0.006 min
Lab File: BF130339.D
Acq: 20 Sep 2022 12:12

Tgt Ion:117 Resp: 132095
Ion Ratio Lower Upper
117 100
119 94.9 77.8 116.6
201 86.7 68.7 103.1





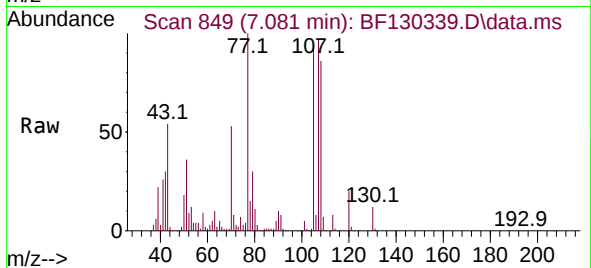
#19
n-Nitroso-di-n-propylamine
Concen: 40.968 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.012 min
Lab File: BF130339.D
Acq: 20 Sep 2022 12:12

Instrument :

BNA_F

ClientSampleId :

PB147724BS

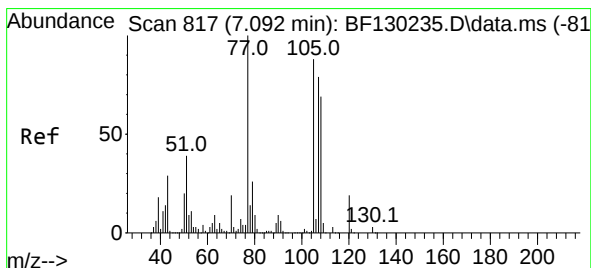
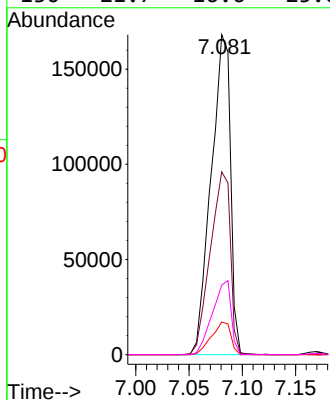
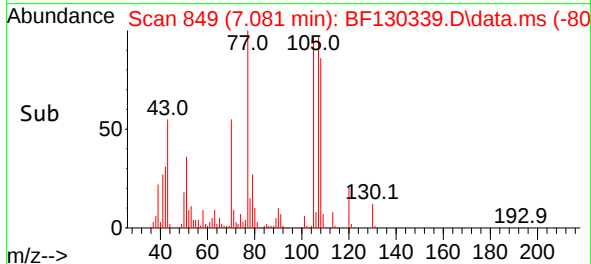


Tgt Ion: 70 Resp: 212748
Ion Ratio Lower Upper
70 100
42 57.1 50.8 76.2
101 10.2 8.2 12.4
130 21.7 16.6 25.0

Manual Integrations

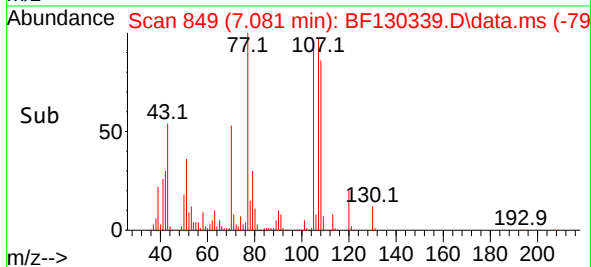
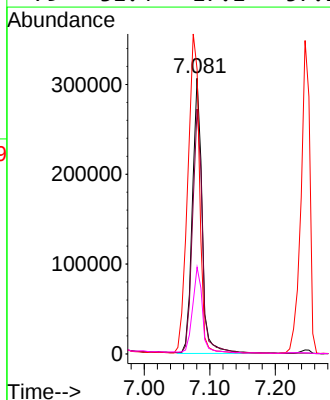
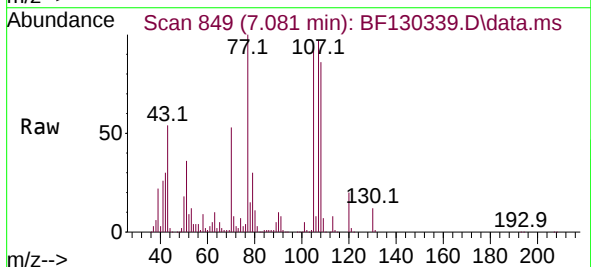
APPROVED

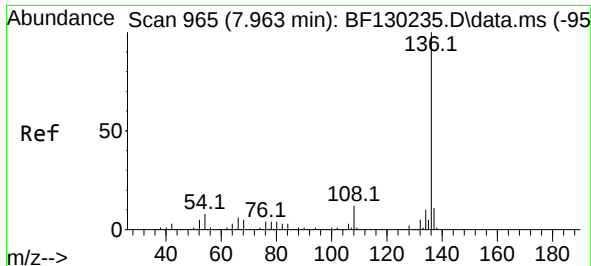
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022



#20
3+4-Methylphenols
Concen: 42.819 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.000 min
Lab File: BF130339.D
Acq: 20 Sep 2022 12:12

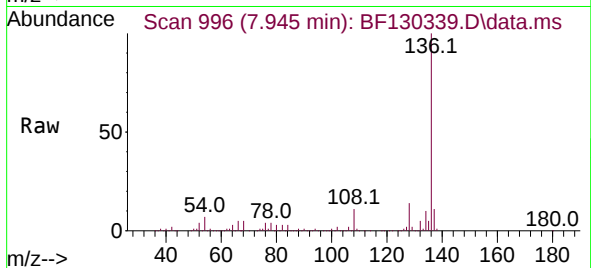
Tgt Ion:107 Resp: 316808
Ion Ratio Lower Upper
107 100
108 88.8 74.8 114.8
77 103.3 125.8 165.8#
79 31.4 17.1 57.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.945 min Scan# 94
Delta R.T. -0.000 min
Lab File: BF130339.D
Acq: 20 Sep 2022 12:12

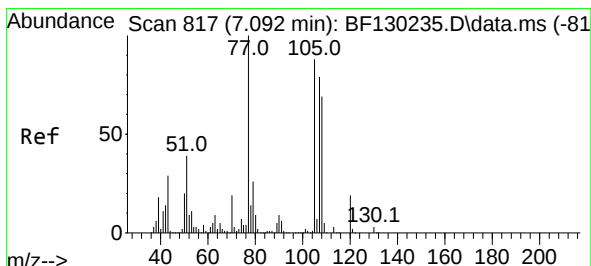
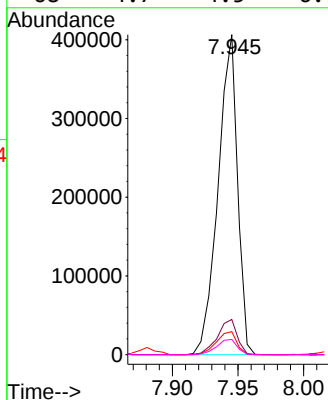
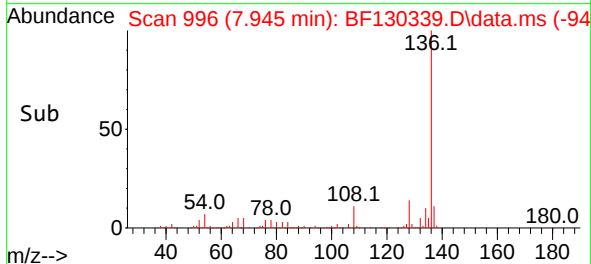
Instrument :
BNA_F
ClientSampleId :
PB147724BS



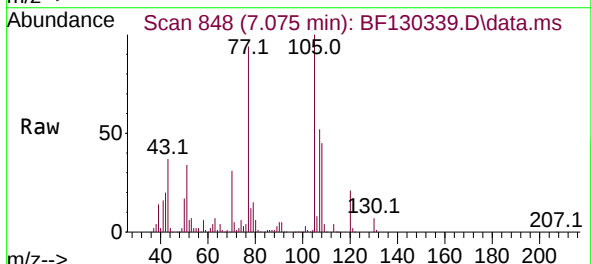
Tgt Ion:136 Resp: 419531
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 7.2 7.1 10.7
68 4.7 4.5 6.7

Manual Integrations
APPROVED

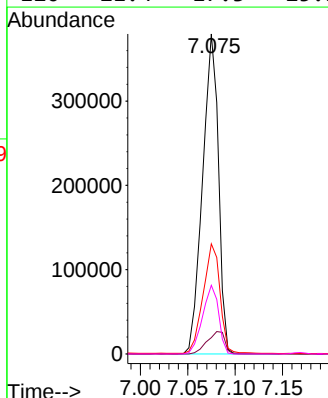
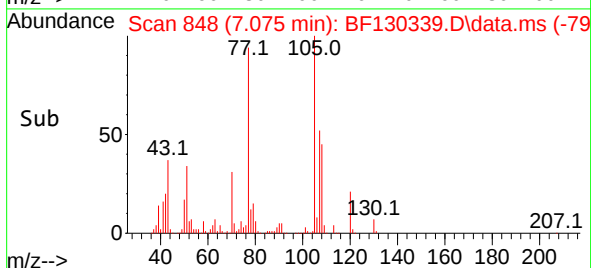
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022

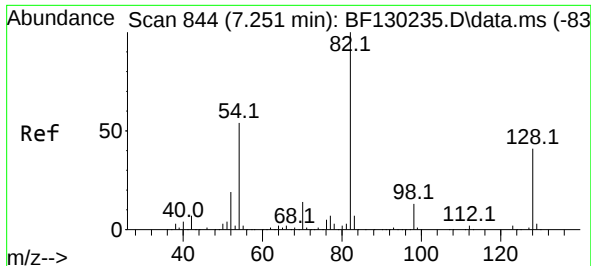


#22
Acetophenone
Concen: 43.290 ng
RT: 7.075 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF130339.D
Acq: 20 Sep 2022 12:12



Tgt Ion:105 Resp: 444020
Ion Ratio Lower Upper
105 100
71 5.1 3.9 5.9
51 34.4 32.2 48.2
120 21.4 17.3 25.9





#23
Nitrobenzene-d5
Concen: 78.406 ng
RT: 7.228 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130339.D
Acq: 20 Sep 2022 12:12

Instrument :

BNA_F

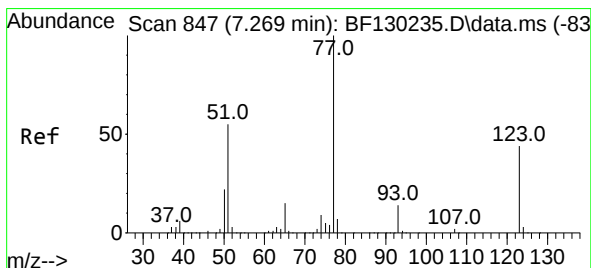
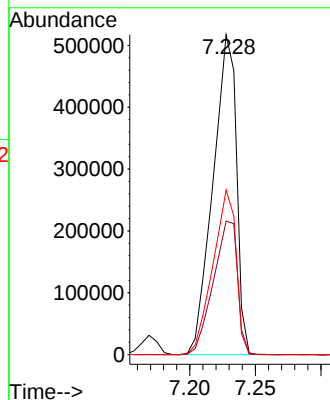
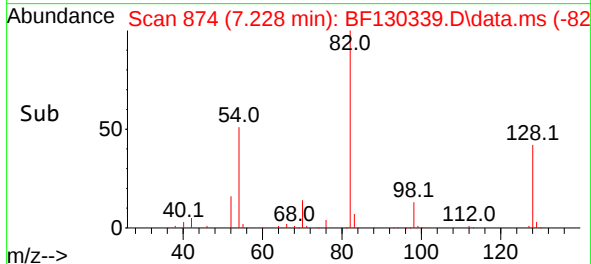
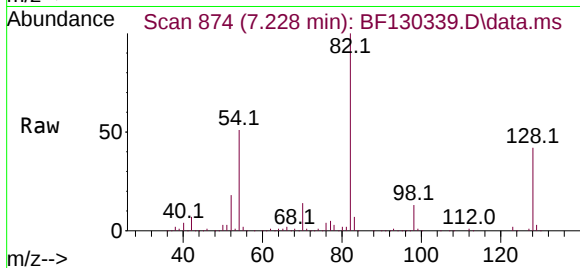
ClientSampleId :

PB147724BS

Tgt Ion: 82 Resp: 643859
Ion Ratio Lower Upper
82 100
128 41.7 32.6 49.0
54 51.4 43.8 65.6

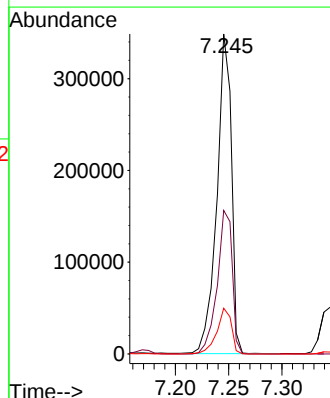
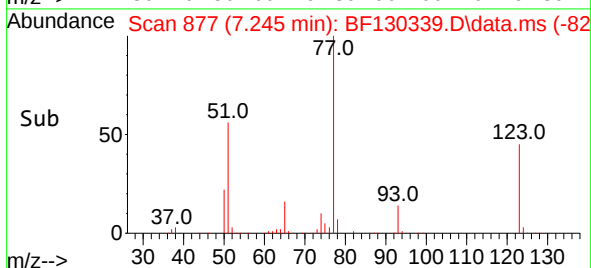
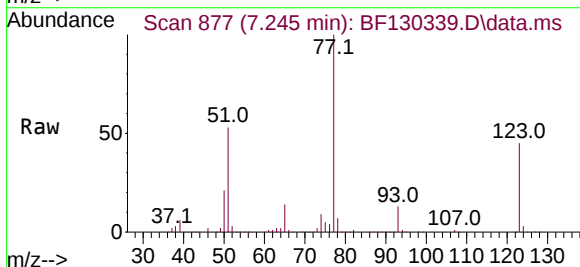
Manual Integrations
APPROVED

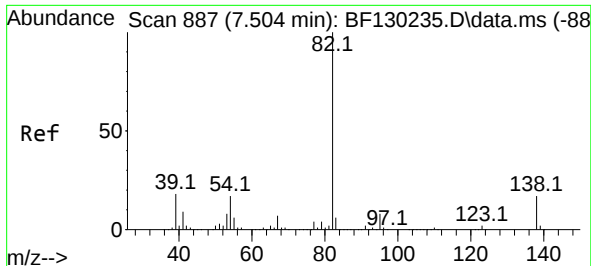
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022



#24
Nitrobenzene
Concen: 39.762 ng
RT: 7.245 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF130339.D
Acq: 20 Sep 2022 12:12

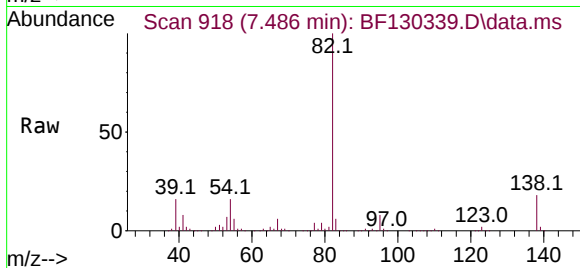
Tgt Ion: 77 Resp: 331543
Ion Ratio Lower Upper
77 100
123 44.8 34.3 51.5
65 14.3 12.0 18.0





#25
Isophorone
Concen: 43.700 ng
RT: 7.486 min Scan# 918
Delta R.T. -0.006 min
Lab File: BF130339.D
Acq: 20 Sep 2022 12:12

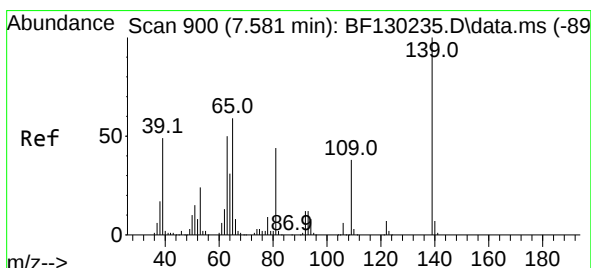
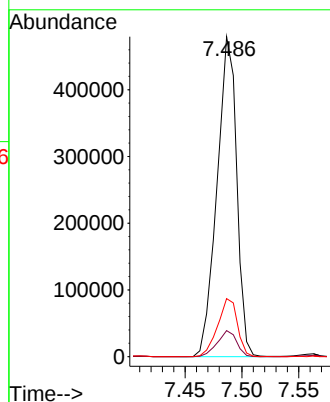
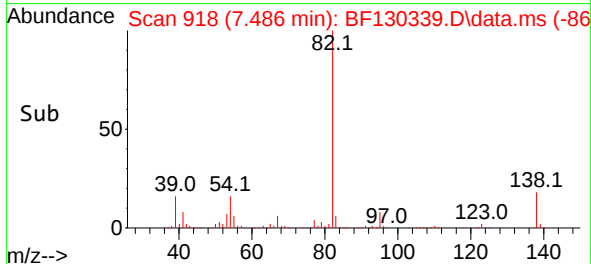
Instrument :
BNA_F
ClientSampleId :
PB147724BS



Tgt Ion: 82 Resp: 578392
Ion Ratio Lower Upper
82 100
95 8.1 6.4 9.6
138 18.1 13.8 20.6

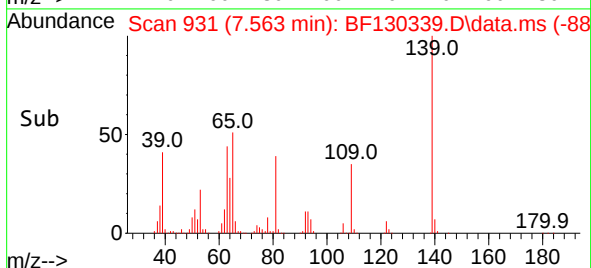
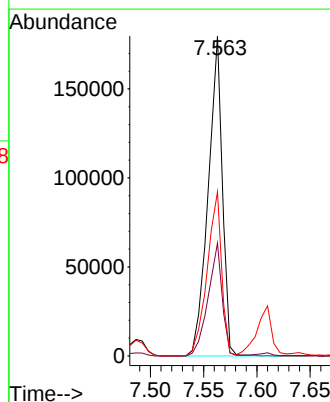
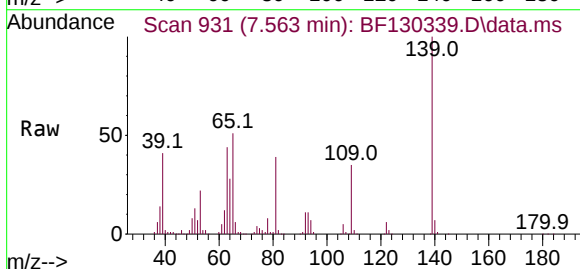
Manual Integrations
APPROVED

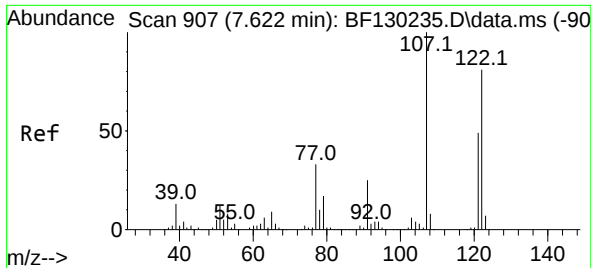
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022



#26
2-Nitrophenol
Concen: 48.691 ng
RT: 7.563 min Scan# 931
Delta R.T. -0.000 min
Lab File: BF130339.D
Acq: 20 Sep 2022 12:12

Tgt Ion:139 Resp: 166431
Ion Ratio Lower Upper
139 100
109 35.3 30.2 45.4
65 51.3 48.9 73.3





#27

2,4-Dimethylphenol

Concen: 49.076 ng

RT: 7.610 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF130339.D

Acq: 20 Sep 2022 12:12

Instrument :

BNA_F

ClientSampleId :

PB147724BS

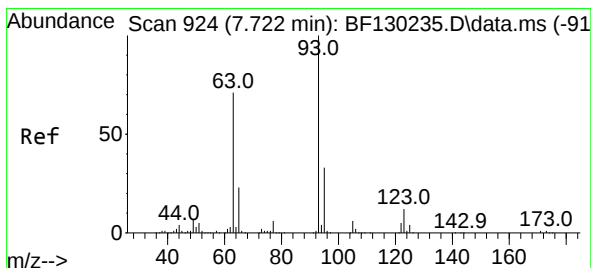
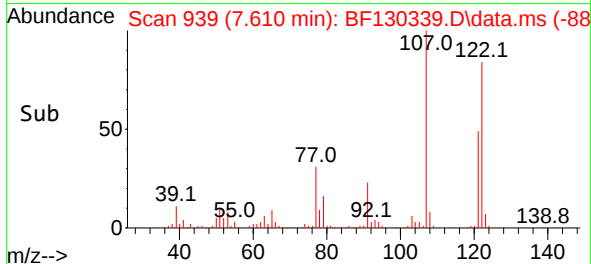
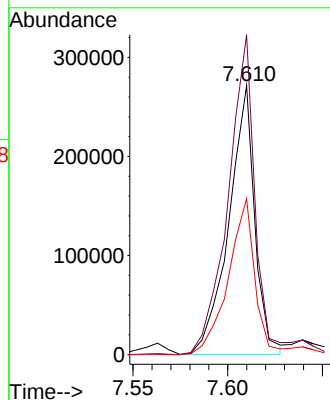
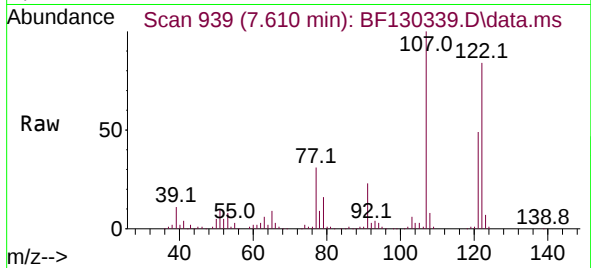
Tgt Ion:122 Resp: 258290
 Ion Ratio Lower Upper
 122 100
 107 118.9 100.2 150.2
 121 58.0 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/21/2022

Supervised By :Jagrut Upadhyay 09/21/2022



#28

bis(2-Chloroethoxy)methane

Concen: 46.322 ng

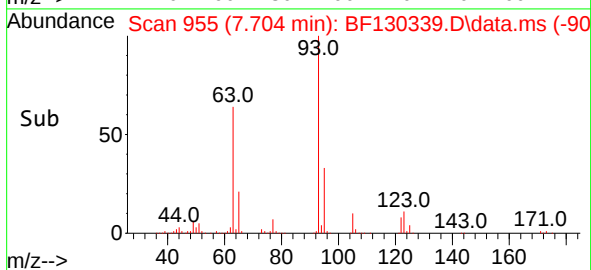
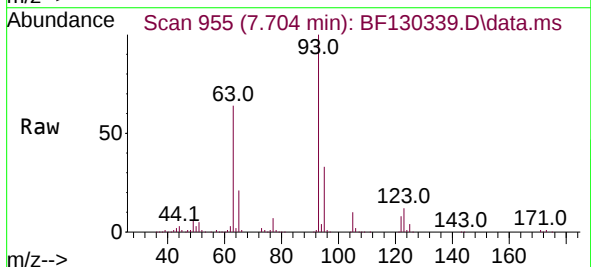
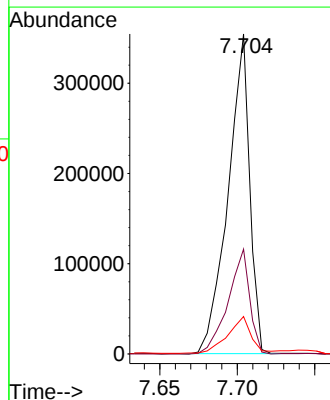
RT: 7.704 min Scan# 955

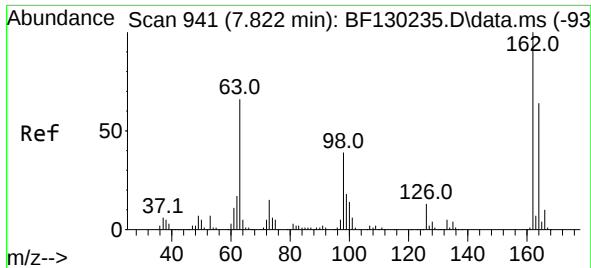
Delta R.T. -0.000 min

Lab File: BF130339.D

Acq: 20 Sep 2022 12:12

Tgt Ion: 93 Resp: 345228
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.3 39.5
 123 11.7 9.4 14.2





#29

2,4-Dichlorophenol

Concen: 45.061 ng

RT: 7.810 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF130339.D

Acq: 20 Sep 2022 12:12

Instrument :

BNA_F

ClientSampleId :

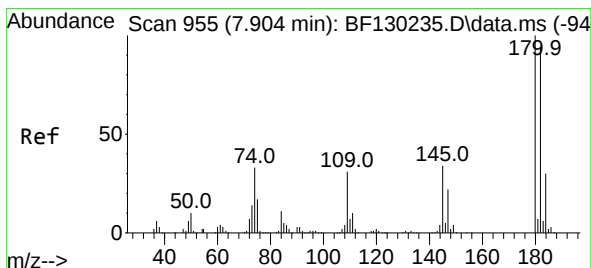
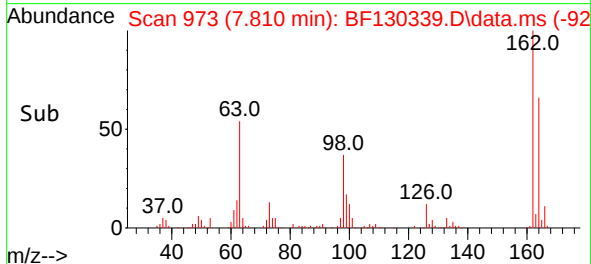
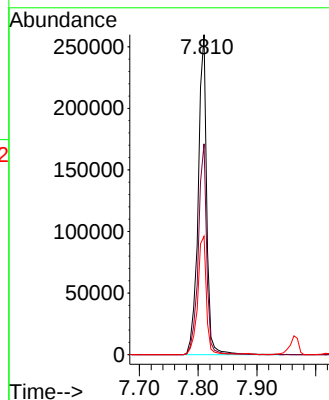
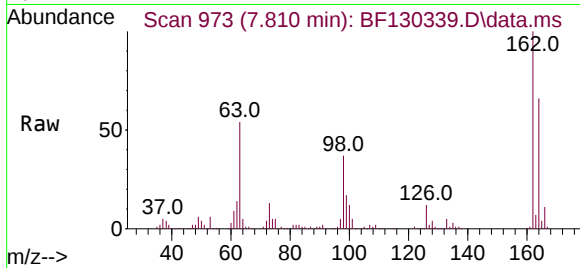
PB147724BS

Tgt Ion:162	Resp: 25988
Ion Ratio	Lower Upper
162 100	
164 65.9	42.2 82.2
98 37.0	21.7 61.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022



#30

1,2,4-Trichlorobenzene

Concen: 43.109 ng

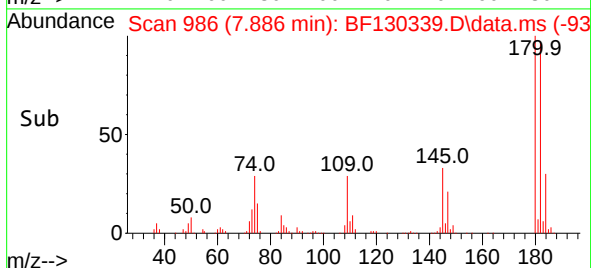
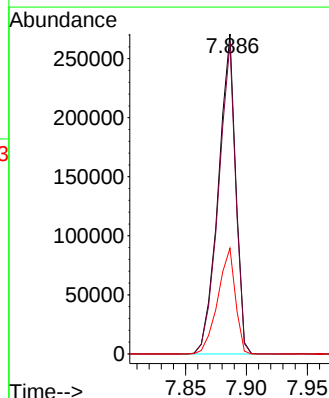
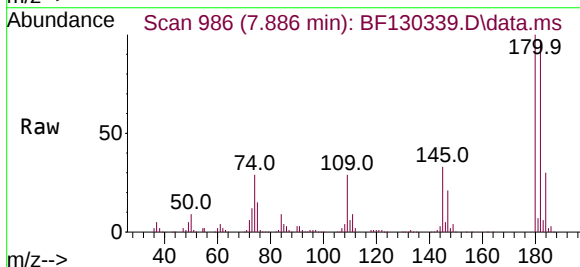
RT: 7.886 min Scan# 986

Delta R.T. -0.000 min

Lab File: BF130339.D

Acq: 20 Sep 2022 12:12

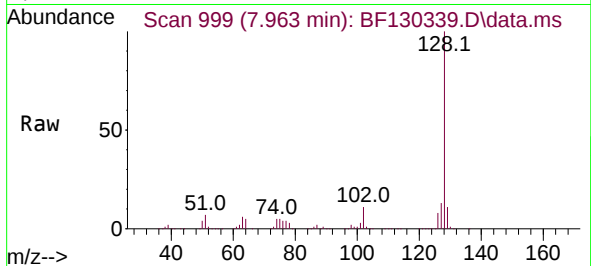
Tgt Ion:180	Resp: 268808
Ion Ratio	Lower Upper
180 100	
182 97.2	73.3 109.9
145 33.0	28.3 42.5





#31
Naphthalene
Concen: 41.655 ng
RT: 7.963 min Scan# 99
Delta R.T. -0.006 min
Lab File: BF130339.D
Acq: 20 Sep 2022 12:12

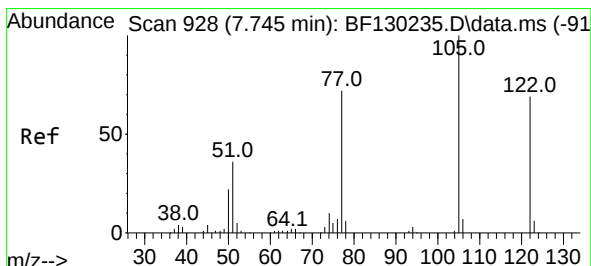
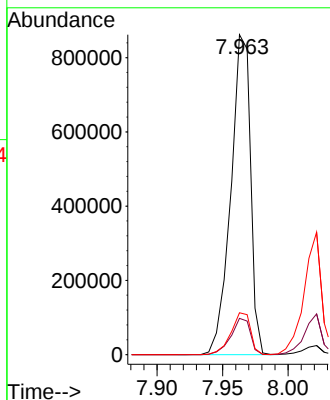
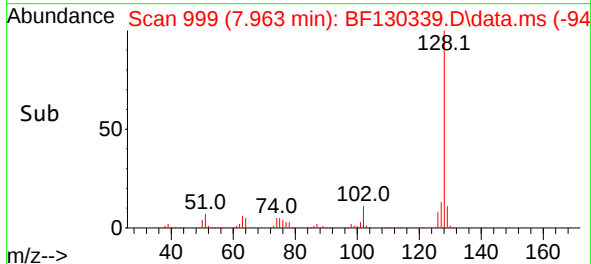
Instrument :
BNA_F
ClientSampleId :
PB147724BS



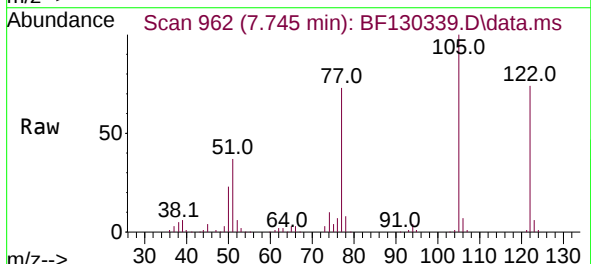
Tgt Ion:128 Resp: 900329
Ion Ratio Lower Upper
128 100
129 11.3 9.1 13.7
127 13.1 10.6 16.0

Manual Integrations
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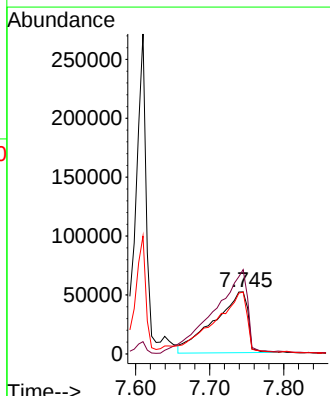
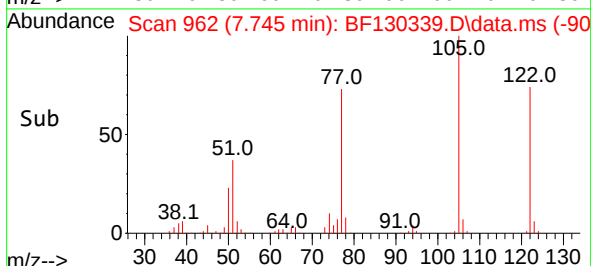
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022

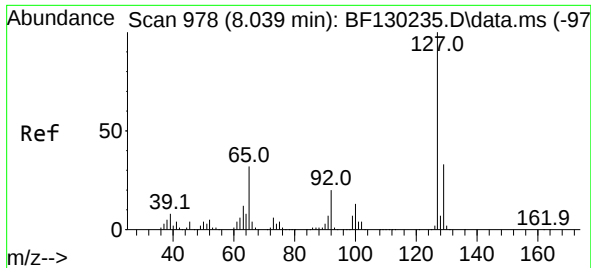


#32
Benzoic acid
Concen: 40.432 ng
RT: 7.745 min Scan# 962
Delta R.T. 0.012 min
Lab File: BF130339.D
Acq: 20 Sep 2022 12:12



Tgt Ion:122 Resp: 164560
Ion Ratio Lower Upper
122 100
105 135.8 112.9 152.9
77 99.7 82.8 122.8





#33
4-Chloroaniline
Concen: 37.886 ng
RT: 8.022 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF130339.D
Acq: 20 Sep 2022 12:12

Instrument :

BNA_F

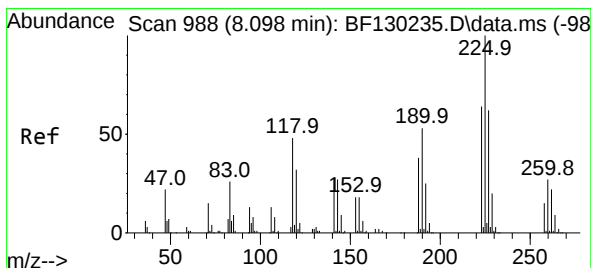
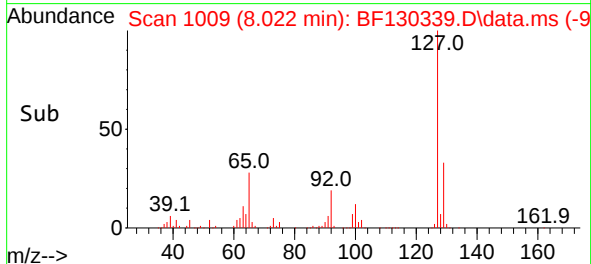
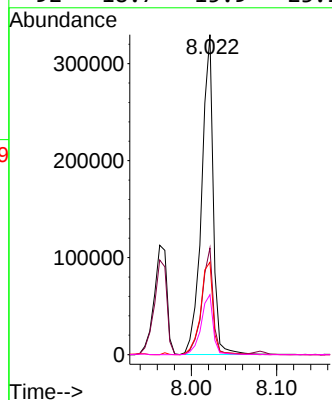
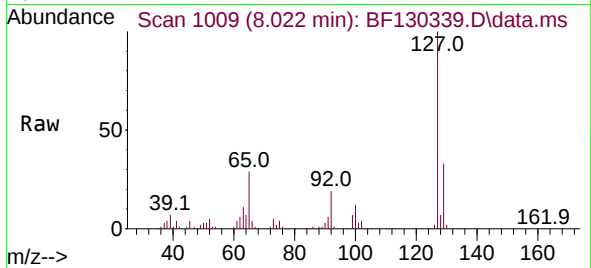
ClientSampleId :

PB147724BS

Tgt Ion:127 Resp: 311437
Ion Ratio Lower Upper
127 100
129 33.3 25.6 38.4
65 28.9 27.0 40.6
92 18.7 15.9 23.9

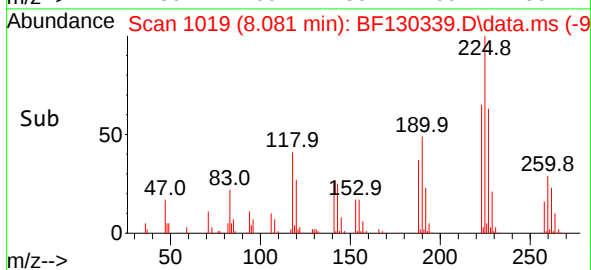
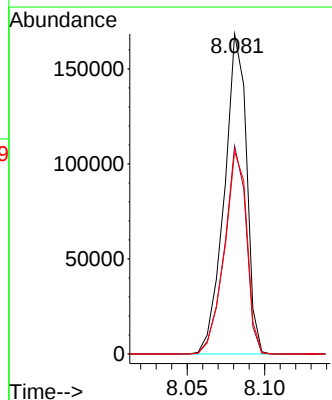
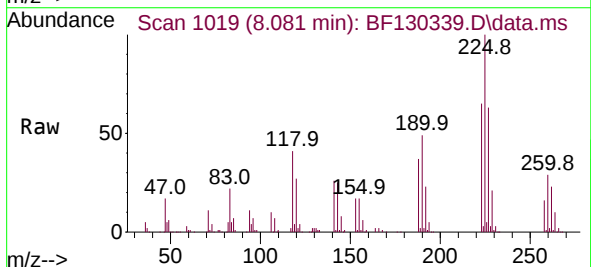
Manual Integrations
APPROVED

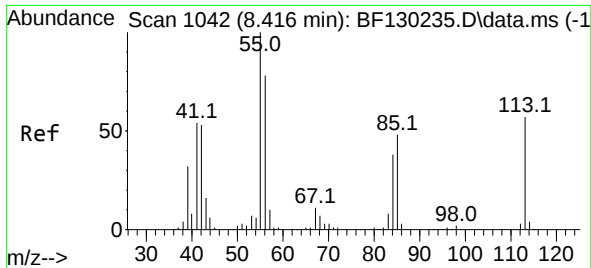
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022



#34
Hexachlorobutadiene
Concen: 42.093 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF130339.D
Acq: 20 Sep 2022 12:12

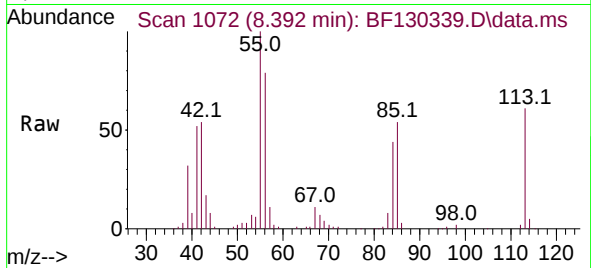
Tgt Ion:225 Resp: 167741
Ion Ratio Lower Upper
225 100
223 65.0 50.3 75.5
227 63.2 51.1 76.7





#35
 Caprolactam
 Concen: 49.894 ng m
 RT: 8.392 min Scan# 1072
 Delta R.T. -0.012 min
 Lab File: BF130339.D
 Acq: 20 Sep 2022 12:12

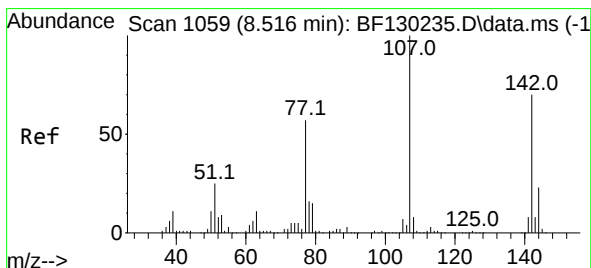
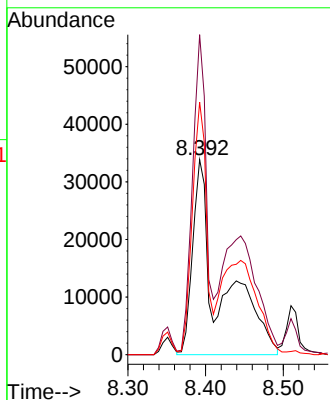
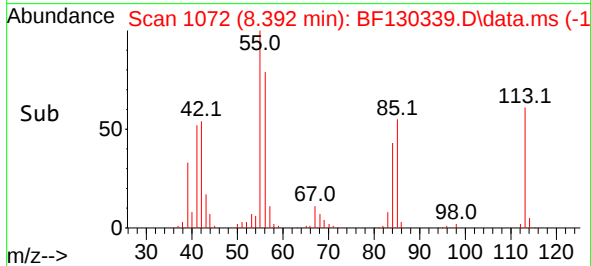
Instrument :
 BNA_F
 ClientSampleId :
 PB147724BS



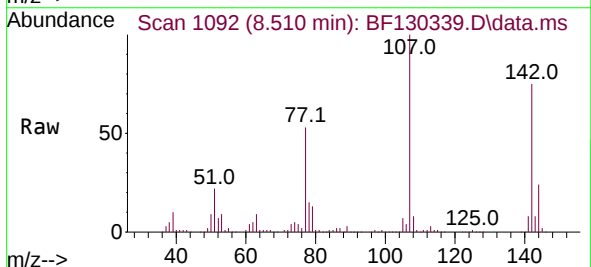
Tgt Ion:113 Resp: 82494
 Ion Ratio Lower Upper
 113 100
 55 164.1 155.4 195.4
 56 129.5 120.4 160.4

Manual Integrations
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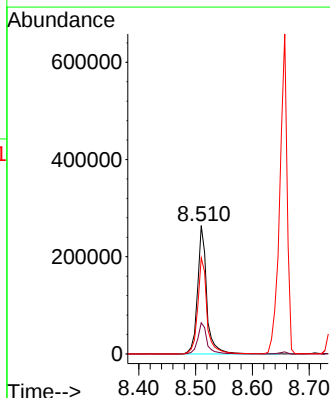
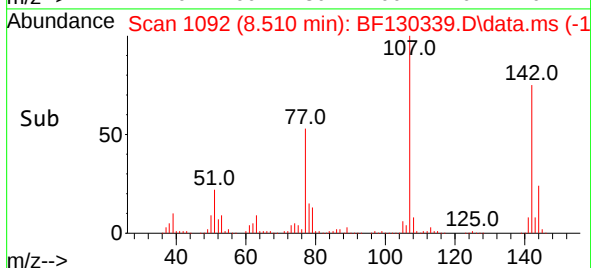
Reviewed By :Christian Giraldo 09/21/2022
 Supervised By :Jagrut Upadhyay 09/21/2022

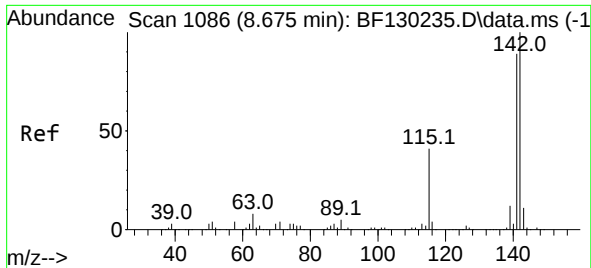


#36
 4-Chloro-3-methylphenol
 Concen: 45.823 ng
 RT: 8.510 min Scan# 1092
 Delta R.T. 0.006 min
 Lab File: BF130339.D
 Acq: 20 Sep 2022 12:12



Tgt Ion:107 Resp: 292936
 Ion Ratio Lower Upper
 107 100
 144 24.3 20.0 30.0
 142 74.9 61.3 91.9





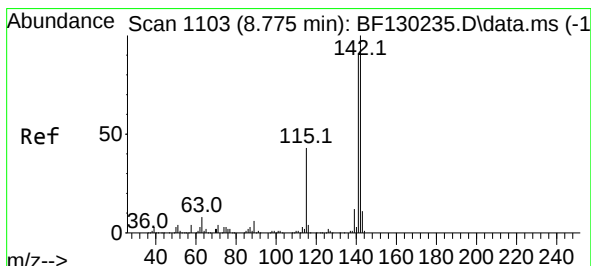
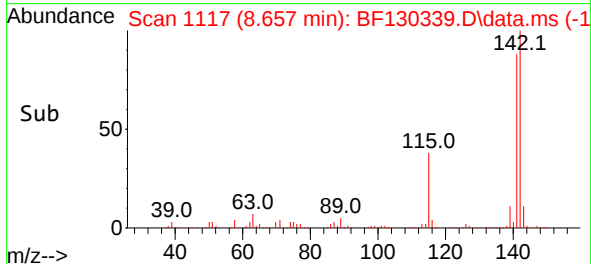
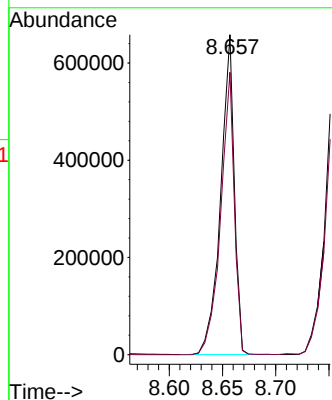
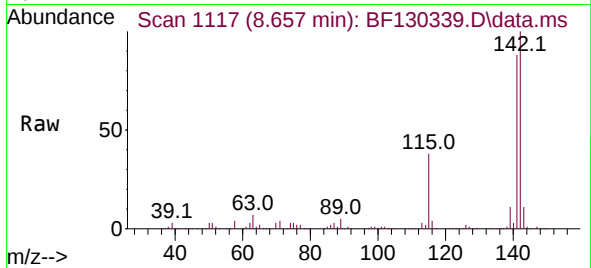
#37
2-Methylnaphthalene
Concen: 42.735 ng
RT: 8.657 min Scan# 1117
Delta R.T. -0.000 min
Lab File: BF130339.D
Acq: 20 Sep 2022 12:12

Instrument :
BNA_F
ClientSampleId :
PB147724BS

Tgt Ion:142 Resp: 588922
Ion Ratio Lower Upper
142 100
141 88.2 70.0 105.0

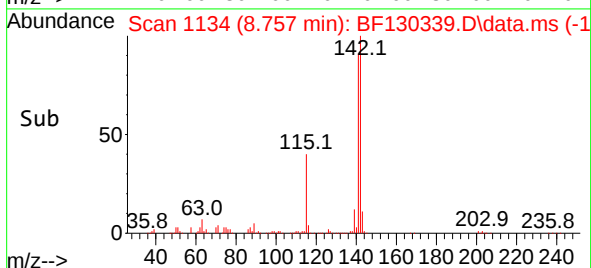
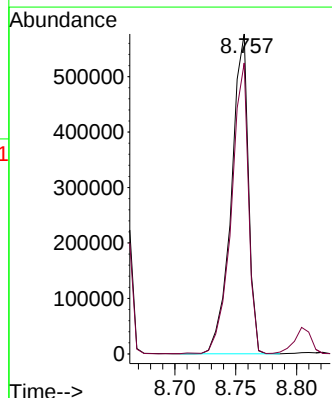
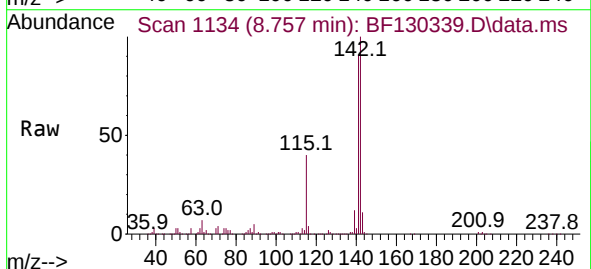
Manual Integrations
APPROVED

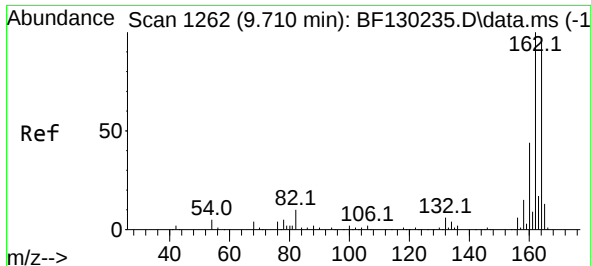
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022



#38
1-Methylnaphthalene
Concen: 42.664 ng
RT: 8.757 min Scan# 1134
Delta R.T. -0.000 min
Lab File: BF130339.D
Acq: 20 Sep 2022 12:12

Tgt Ion:142 Resp: 564798
Ion Ratio Lower Upper
142 100
141 90.9 73.8 110.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.692 min Scan# 1145

Delta R.T. -0.000 min

Lab File: BF130339.D

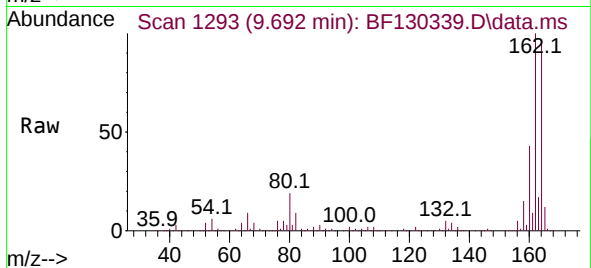
Acq: 20 Sep 2022 12:12

Instrument :

BNA_F

ClientSampleId :

PB147724BS



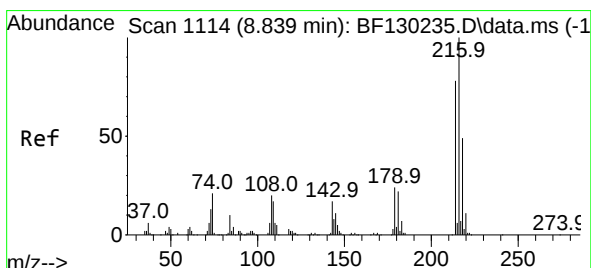
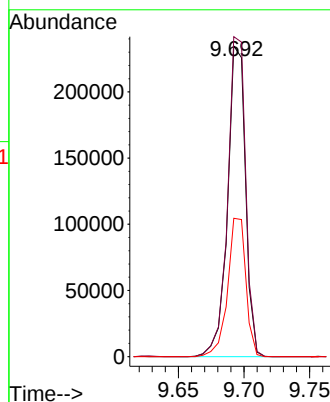
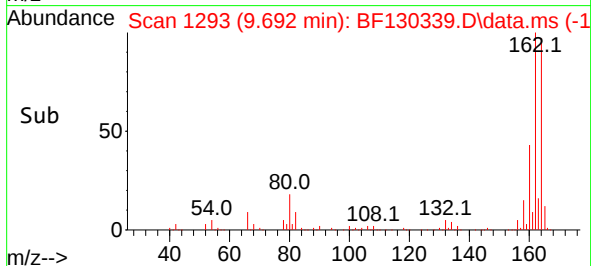
Tgt Ion:164	Resp:	223601
Ion Ratio	Lower	Upper
164	100	
162	103.0	81.4 122.0
160	44.5	36.2 54.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/21/2022

Supervised By :Jagrut Upadhyay 09/21/2022



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.003 ng

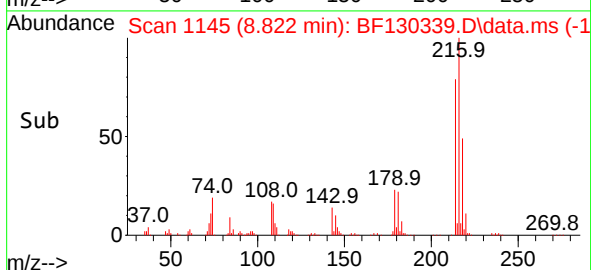
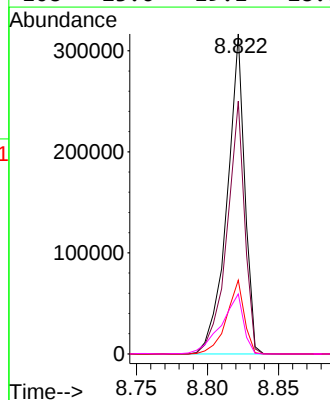
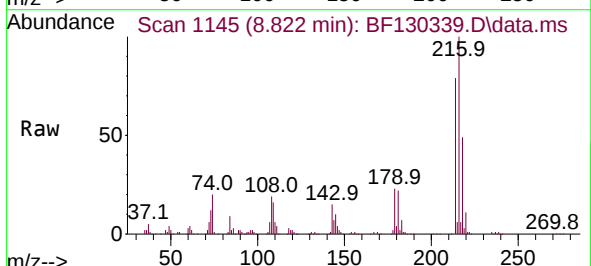
RT: 8.822 min Scan# 1145

Delta R.T. -0.000 min

Lab File: BF130339.D

Acq: 20 Sep 2022 12:12

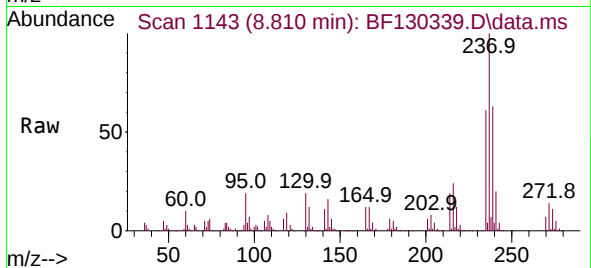
Tgt Ion:216	Resp:	274614
Ion Ratio	Lower	Upper
216	100	
214	78.7	62.8 94.2
179	23.0	19.5 29.3
108	23.6	19.1 28.7





#41
Hexachlorocyclopentadiene
Concen: 102.986 ng
RT: 8.810 min Scan# 1112
Delta R.T. -0.000 min
Lab File: BF130339.D
Acq: 20 Sep 2022 12:12

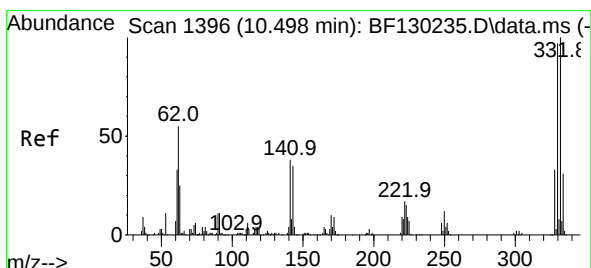
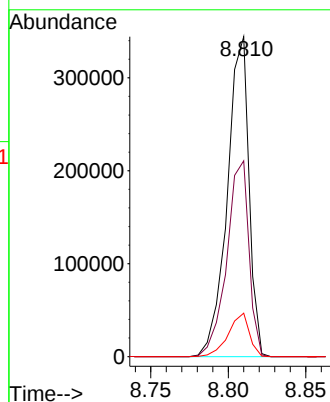
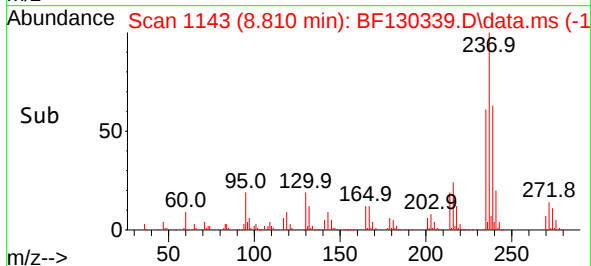
Instrument :
BNA_F
ClientSampleId :
PB147724BS



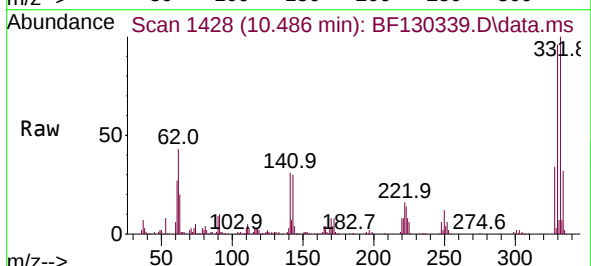
Tgt Ion:237 Resp: 336460
Ion Ratio Lower Upper
237 100
235 61.2 42.5 82.5
272 13.6 0.0 32.8

Manual Integrations
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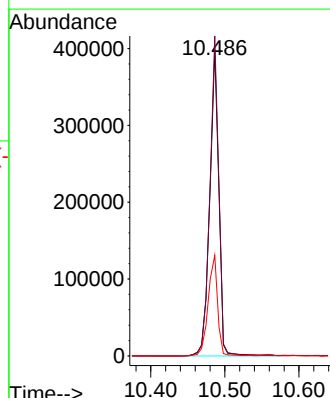
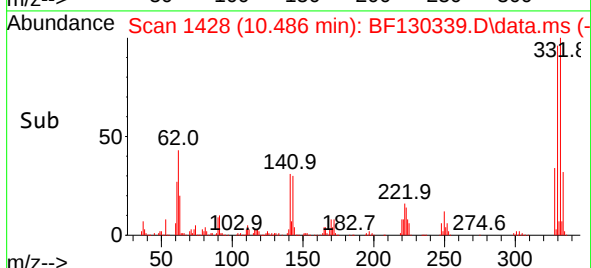
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022

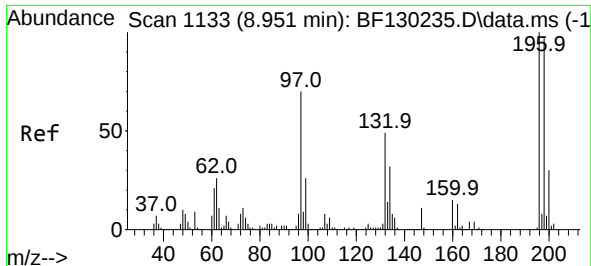


#42
2,4,6-Tribromophenol
Concen: 157.992 ng
RT: 10.486 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF130339.D
Acq: 20 Sep 2022 12:12



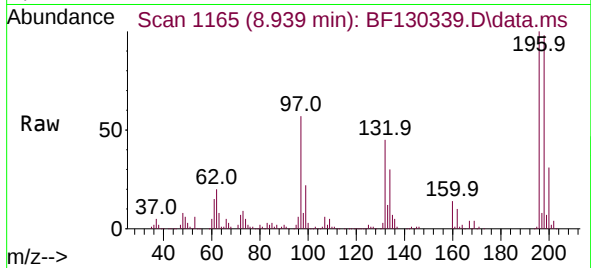
Tgt Ion:330 Resp: 338502
Ion Ratio Lower Upper
330 100
332 103.1 83.4 125.2
141 34.3 34.0 51.0





#43
2,4,6-Trichlorophenol
Concen: 44.560 ng
RT: 8.939 min Scan# 1172
Delta R.T. 0.006 min
Lab File: BF130339.D
Acq: 20 Sep 2022 12:12

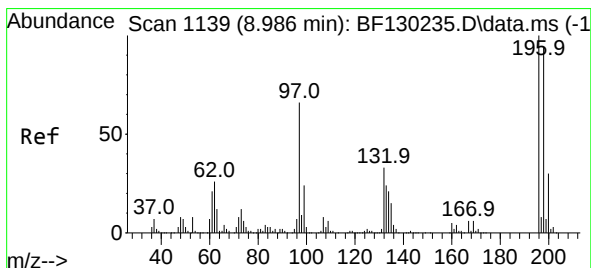
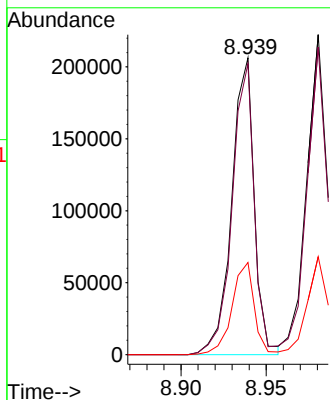
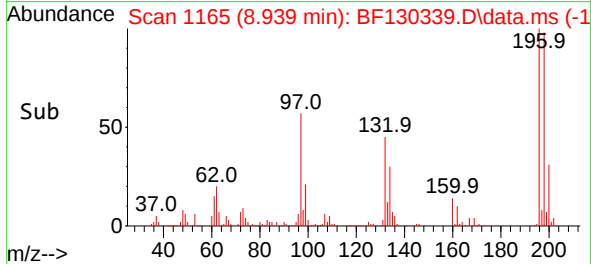
Instrument :
BNA_F
ClientSampleId :
PB147724BS



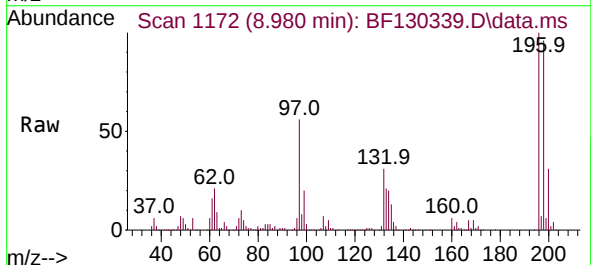
Tgt Ion:196 Resp: 189776
Ion Ratio Lower Upper
196 100
198 98.0 72.4 108.6
200 31.0 23.8 35.6

Manual Integrations
APPROVED

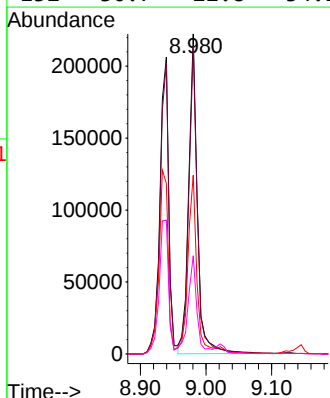
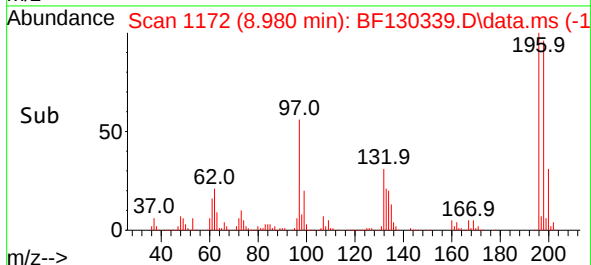
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022

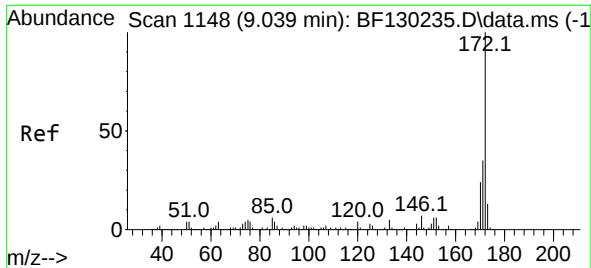


#44
2,4,5-Trichlorophenol
Concen: 45.067 ng
RT: 8.980 min Scan# 1172
Delta R.T. 0.006 min
Lab File: BF130339.D
Acq: 20 Sep 2022 12:12



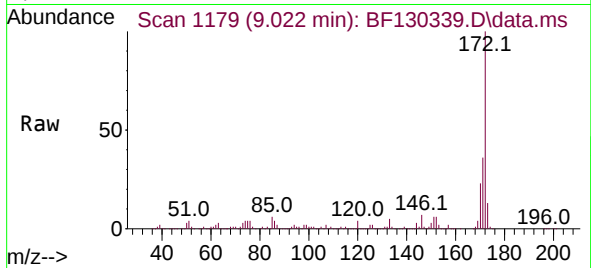
Tgt Ion:196 Resp: 207111
Ion Ratio Lower Upper
196 100
198 96.1 74.8 112.2
97 55.8 43.7 65.5
132 30.7 22.8 34.2





#45
2-Fluorobiphenyl
Concen: 80.564 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BF130339.D
Acq: 20 Sep 2022 12:12

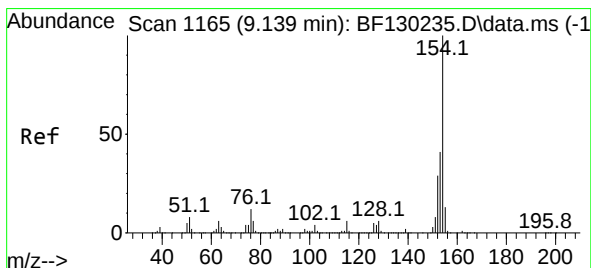
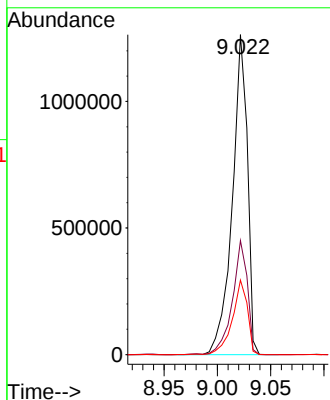
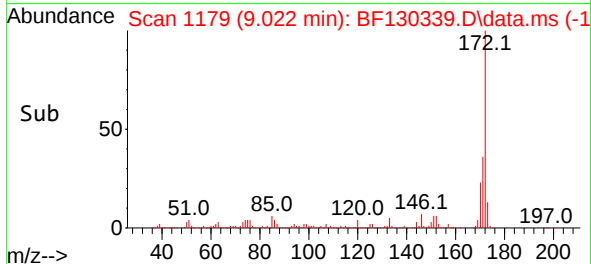
Instrument :
BNA_F
ClientSampleId :
PB147724BS



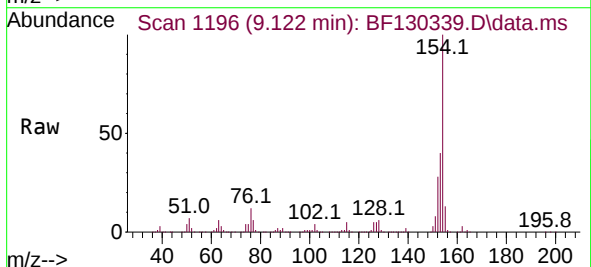
Tgt Ion:172 Resp: 1237080
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.3 18.7 28.1

Manual Integrations
APPROVED

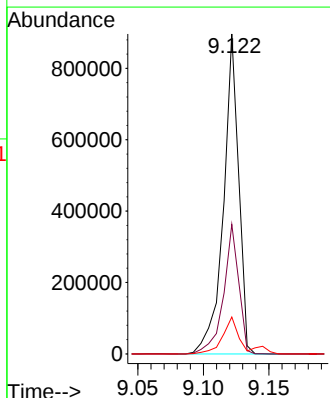
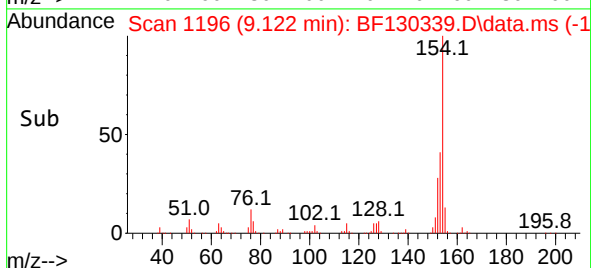
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022

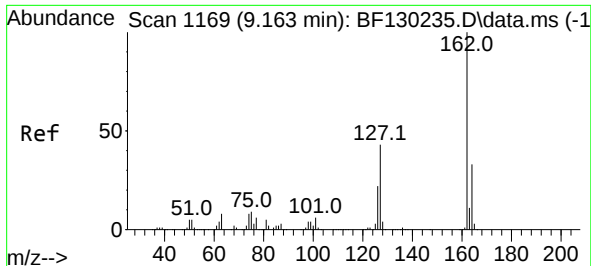


#46
1,1'-Biphenyl
Concen: 43.458 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.000 min
Lab File: BF130339.D
Acq: 20 Sep 2022 12:12



Tgt Ion:154 Resp: 725734
Ion Ratio Lower Upper
154 100
153 40.5 20.0 60.0
76 11.5 0.0 33.3





#47

2-Chloronaphthalene

Concen: 42.327 ng

RT: 9.145 min Scan# 1169

Delta R.T. -0.000 min

Lab File: BF130339.D

Acq: 20 Sep 2022 12:12

Instrument :

BNA_F

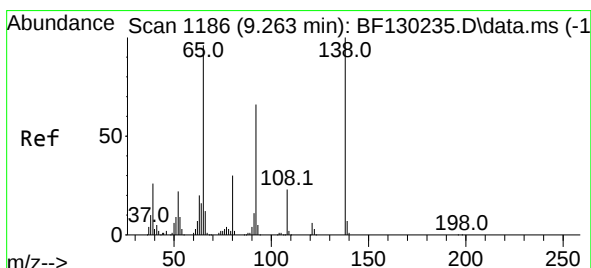
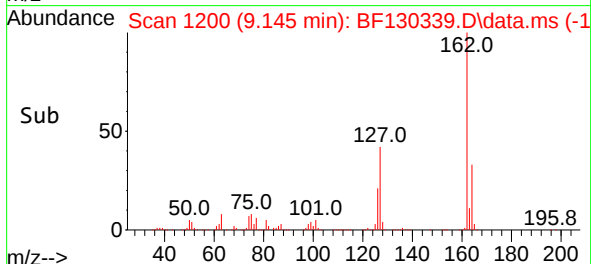
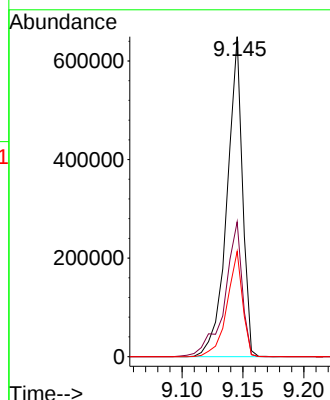
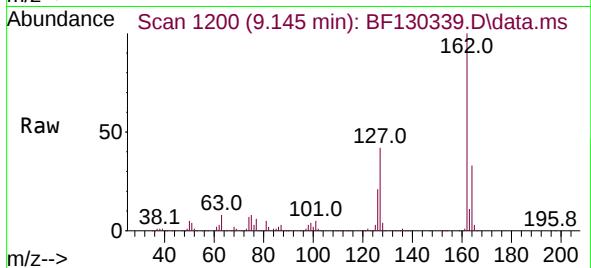
ClientSampleId :

PB147724BS

Tgt Ion:162 Resp: 57178
 Ion Ratio Lower Upper
 162 100
 127 42.1 35.9 53.9
 164 32.9 26.2 39.2

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 09/21/2022
 Supervised By :Jagrut Upadhyay 09/21/2022



#48

2-Nitroaniline

Concen: 41.267 ng

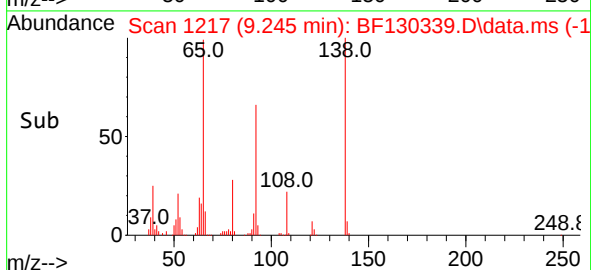
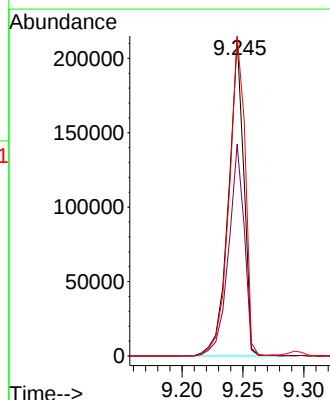
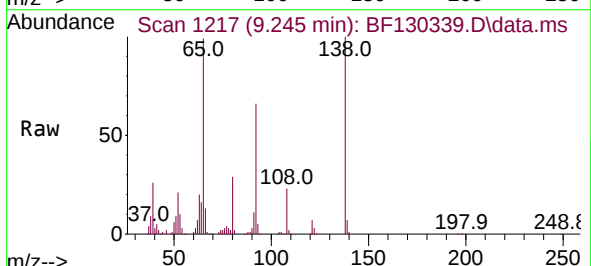
RT: 9.245 min Scan# 1217

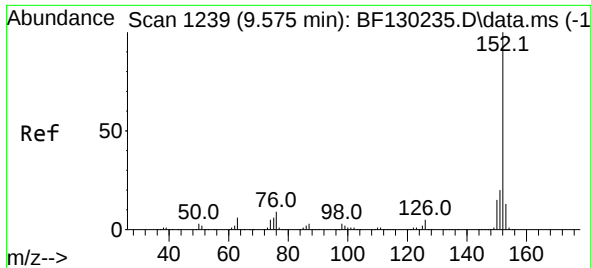
Delta R.T. -0.000 min

Lab File: BF130339.D

Acq: 20 Sep 2022 12:12

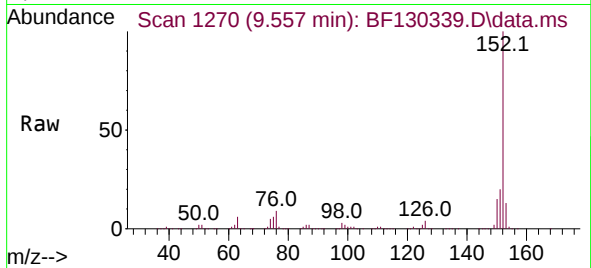
Tgt Ion: 65 Resp: 185934
 Ion Ratio Lower Upper
 65 100
 92 66.7 52.2 78.4
 138 100.9 77.0 115.4





#49
Acenaphthylene
Concen: 43.115 ng
RT: 9.557 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF130339.D
Acq: 20 Sep 2022 12:12

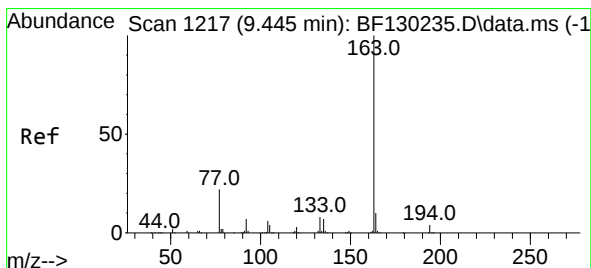
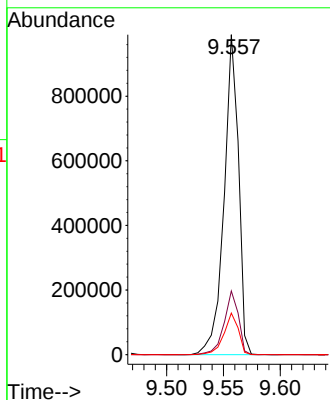
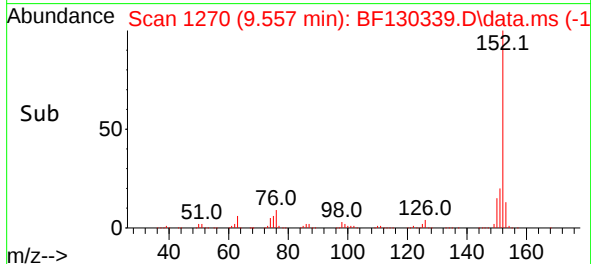
Instrument :
BNA_F
ClientSampleId :
PB147724BS



Tgt Ion:152 Resp: 873279
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.2
153 13.0 10.6 15.8

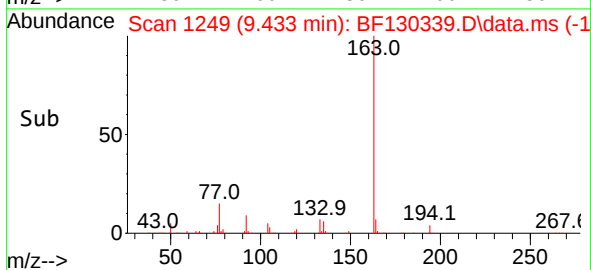
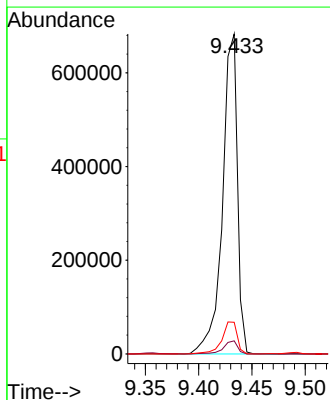
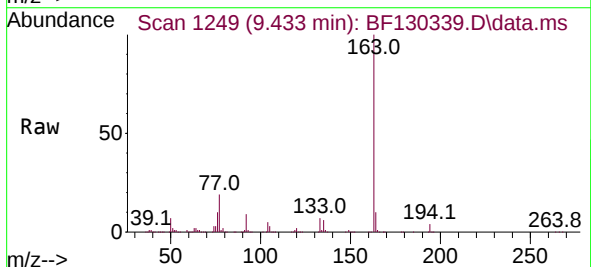
Manual Integrations
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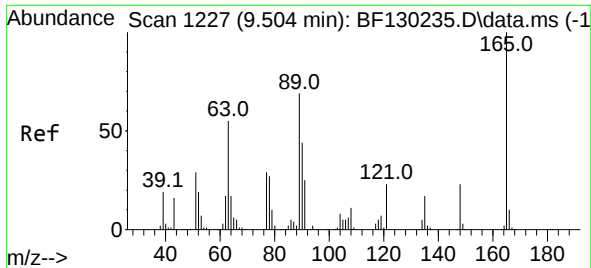
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022



#50
Dimethylphthalate
Concen: 43.147 ng
RT: 9.433 min Scan# 1249
Delta R.T. 0.006 min
Lab File: BF130339.D
Acq: 20 Sep 2022 12:12

Tgt Ion:163 Resp: 666426
Ion Ratio Lower Upper
163 100
194 4.1 2.8 4.2
164 9.9 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 47.236 ng

RT: 9.492 min Scan# 1227

Delta R.T. 0.006 min

Lab File: BF130339.D

Acq: 20 Sep 2022 12:12

Instrument :

BNA_F

ClientSampleId :

PB147724BS

Tgt Ion:165 Resp: 152582

Ion Ratio Lower Upper

165 100

63 51.9 58.8 88.2

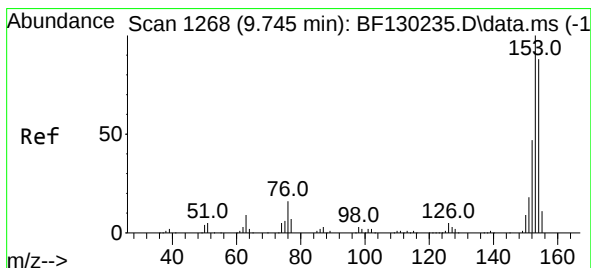
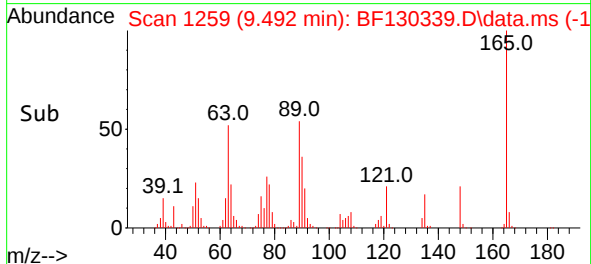
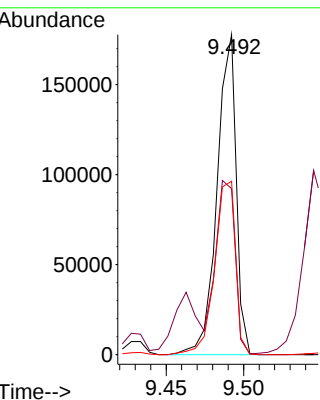
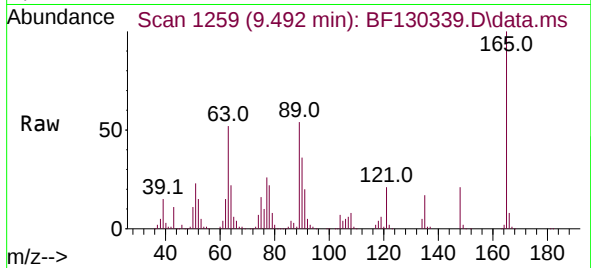
89 54.2 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/21/2022

Supervised By :Jagrut Upadhyay 09/21/2022



#52

Acenaphthene

Concen: 48.359 ng m

RT: 9.727 min Scan# 1299

Delta R.T. -0.000 min

Lab File: BF130339.D

Acq: 20 Sep 2022 12:12

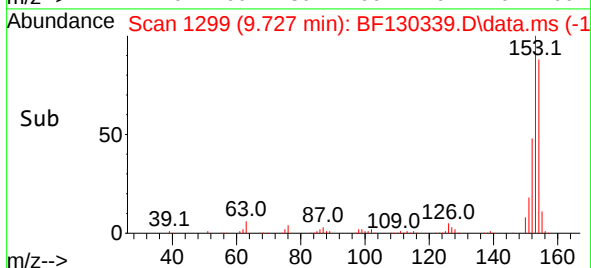
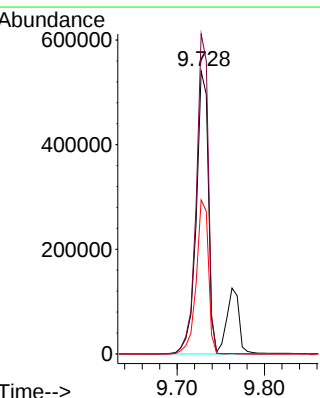
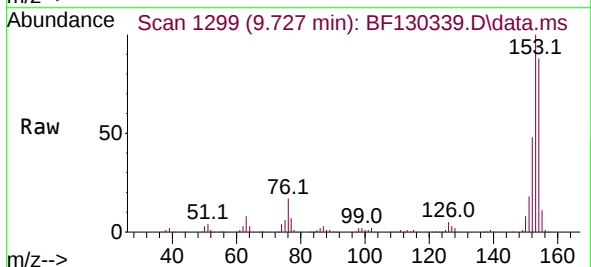
Tgt Ion:154 Resp: 643554

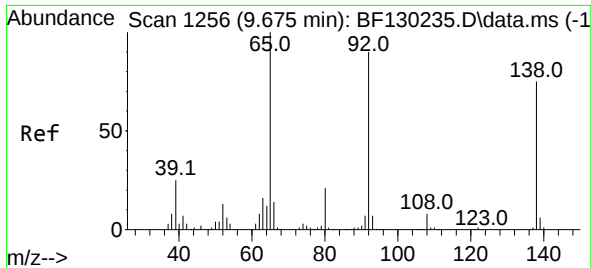
Ion Ratio Lower Upper

154 100

153 113.2 90.6 136.0

152 54.5 43.8 65.6





#53
3-Nitroaniline
Concen: 36.725 ng
RT: 9.657 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130339.D
Acq: 20 Sep 2022 12:12

Instrument :

BNA_F

ClientSampleId :

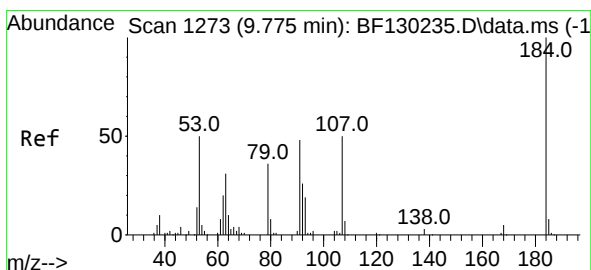
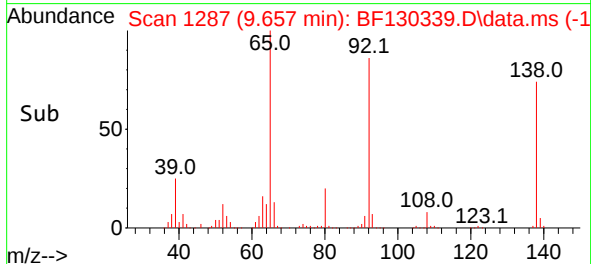
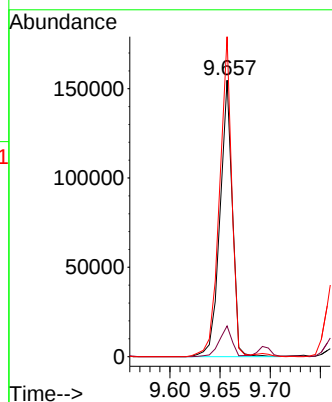
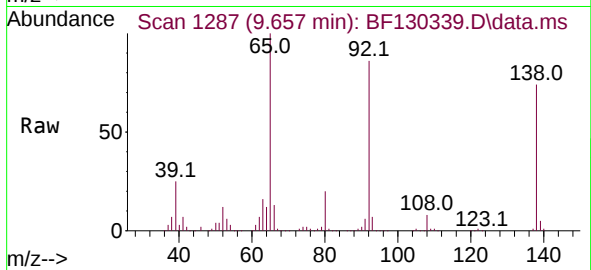
PB147724BS

Tgt Ion:138 Resp: 132186
Ion Ratio Lower Upper
138 100
108 11.1 9.2 13.8
92 115.8 99.2 148.8

Manual Integrations

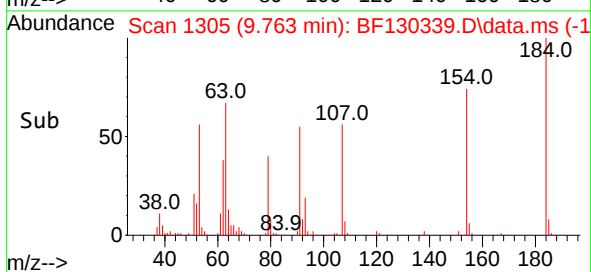
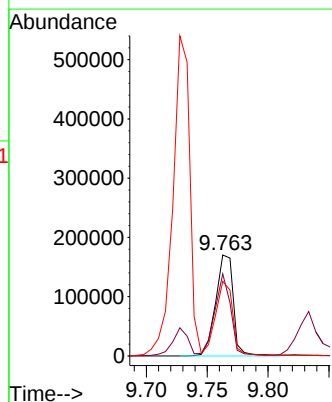
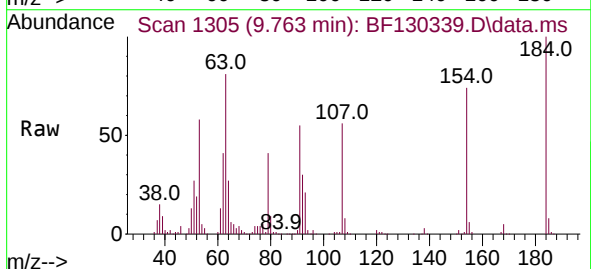
APPROVED

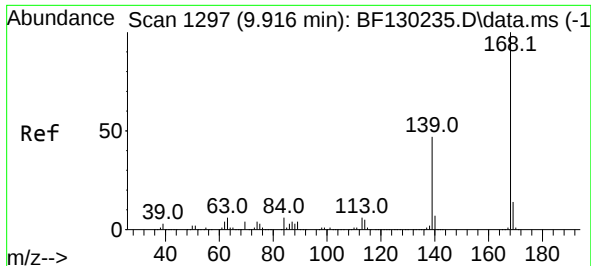
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022



#54
2,4-Dinitrophenol
Concen: 96.836 ng
RT: 9.763 min Scan# 1305
Delta R.T. 0.006 min
Lab File: BF130339.D
Acq: 20 Sep 2022 12:12

Tgt Ion:184 Resp: 172185
Ion Ratio Lower Upper
184 100
63 81.3 70.0 105.0
154 73.9 63.0 94.6





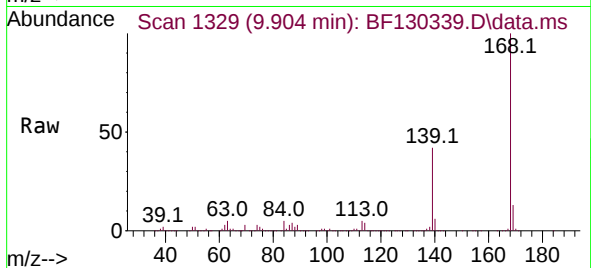
#55
Dibenzofuran
Concen: 42.881 ng
RT: 9.904 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BF130339.D
Acq: 20 Sep 2022 12:12

Instrument :

BNA_F

ClientSampleId :

PB147724BS

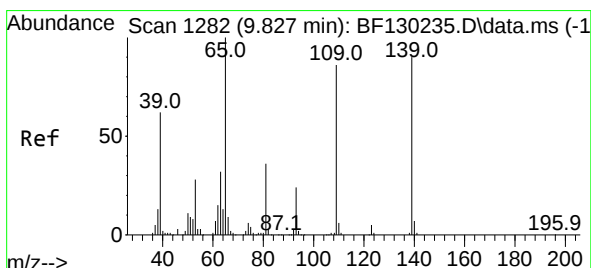
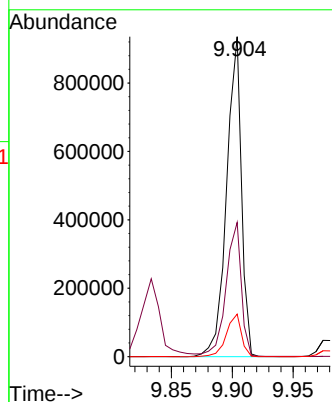
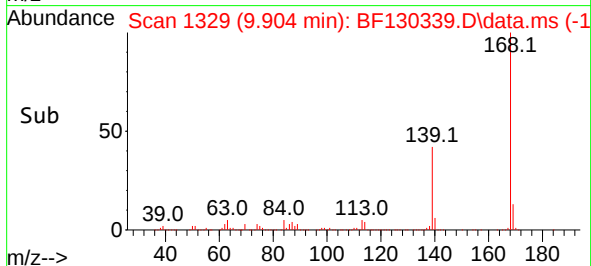


Tgt Ion:168 Resp: 793738
Ion Ratio Lower Upper
168 100
139 41.9 35.0 52.4
169 13.3 10.9 16.3

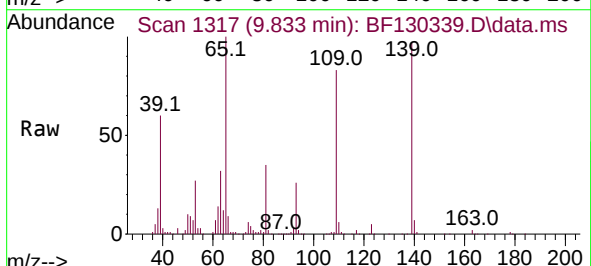
Manual Integrations

APPROVED

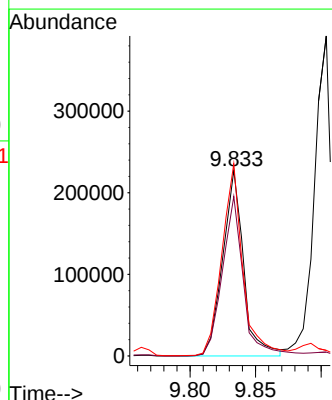
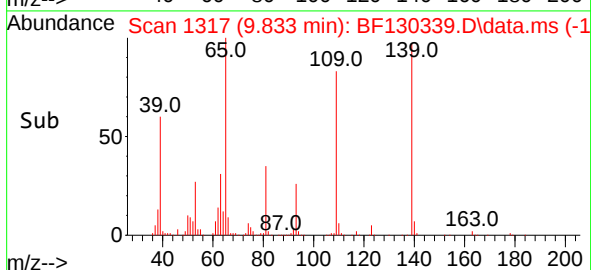
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022

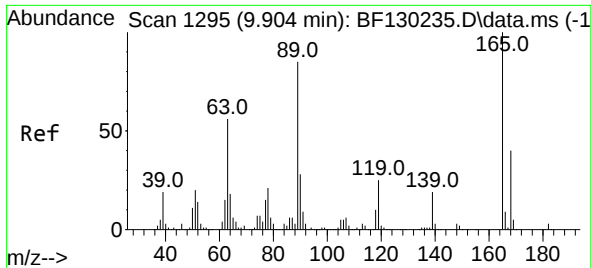


#56
4-Nitrophenol
Concen: 96.119 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.018 min
Lab File: BF130339.D
Acq: 20 Sep 2022 12:12



Tgt Ion:139 Resp: 251986
Ion Ratio Lower Upper
139 100
109 85.9 72.2 112.2
65 103.5 97.7 137.7





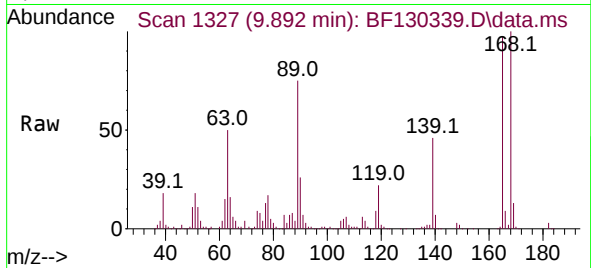
#57
2,4-Dinitrotoluene
Concen: 49.197 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF130339.D
Acq: 20 Sep 2022 12:12

Instrument :

BNA_F

ClientSampleId :

PB147724BS

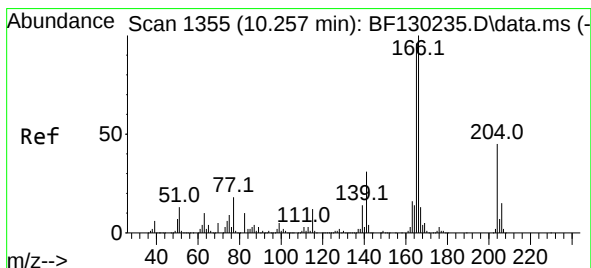
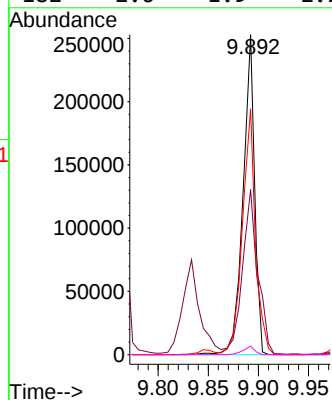
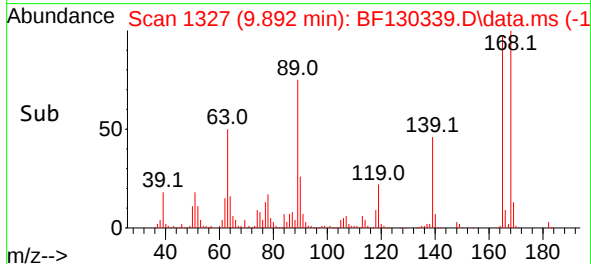


Tgt Ion:165 Resp: 203097
Ion Ratio Lower Upper
165 100
63 51.6 44.7 67.1
89 76.8 69.0 103.4
182 2.6 1.9 2.9

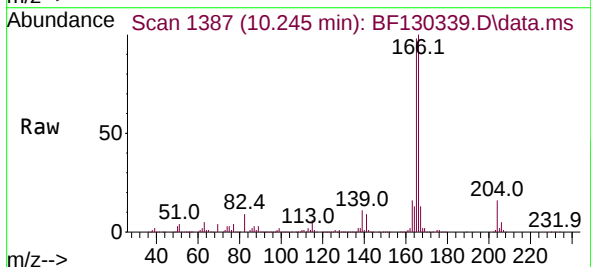
Manual Integrations

APPROVED

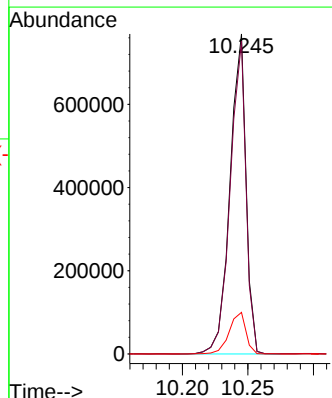
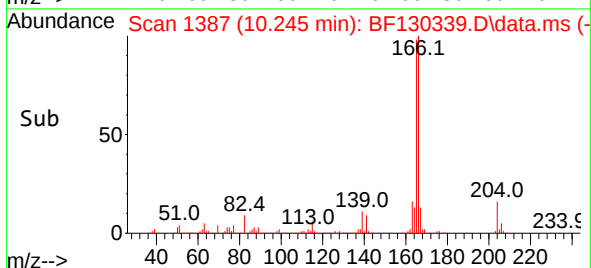
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022

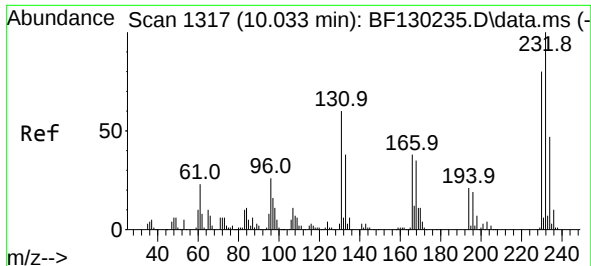


#58
Fluorene
Concen: 43.082 ng
RT: 10.245 min Scan# 1387
Delta R.T. 0.006 min
Lab File: BF130339.D
Acq: 20 Sep 2022 12:12



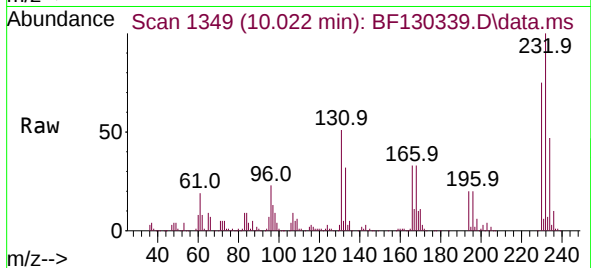
Tgt Ion:166 Resp: 652174
Ion Ratio Lower Upper
166 100
165 97.6 78.8 118.2
167 13.0 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.643 ng
RT: 10.022 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF130339.D
Acq: 20 Sep 2022 12:12

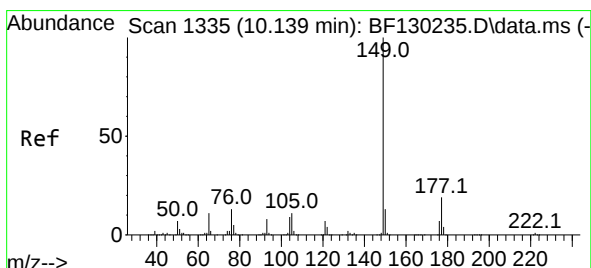
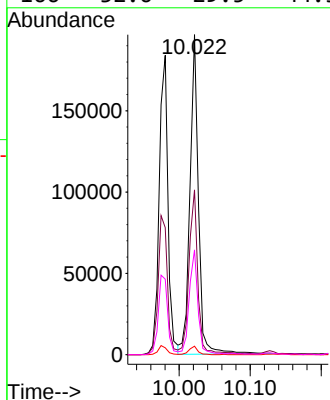
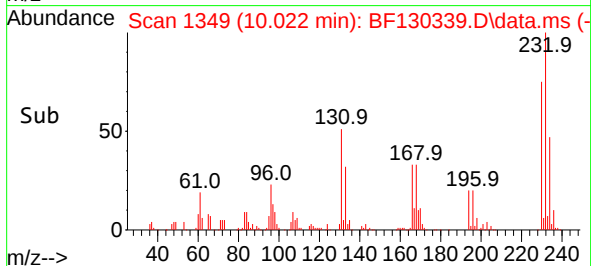
Instrument :
BNA_F
ClientSampleId :
PB147724BS



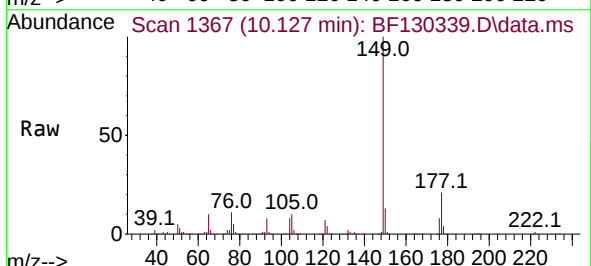
Tgt Ion:232 Resp: 164183
Ion Ratio Lower Upper
232 100
131 52.5 46.4 69.6
130 2.6 2.3 3.5
166 32.6 29.5 44.3

Manual Integrations
APPROVED

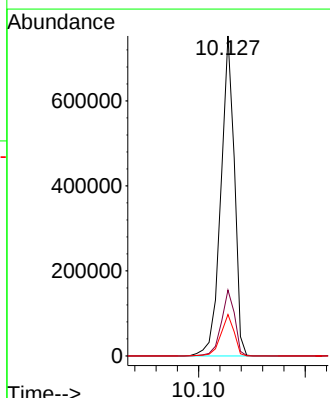
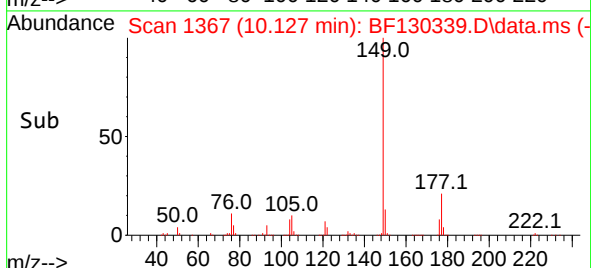
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022

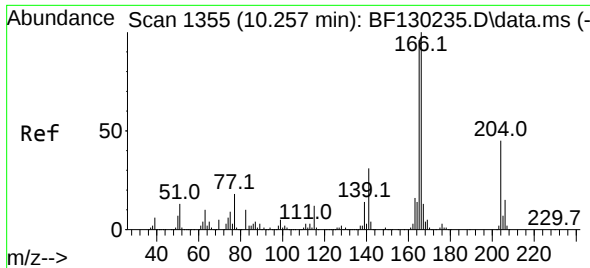


#60
Diethylphthalate
Concen: 42.870 ng
RT: 10.127 min Scan# 1367
Delta R.T. 0.006 min
Lab File: BF130339.D
Acq: 20 Sep 2022 12:12



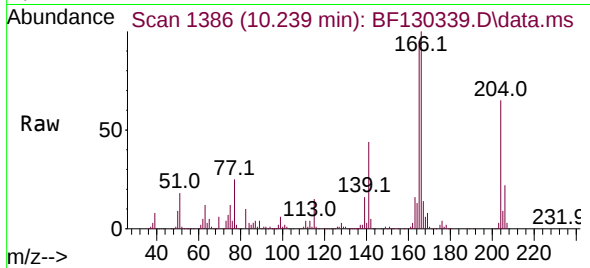
Tgt Ion:149 Resp: 664001
Ion Ratio Lower Upper
149 100
177 20.6 16.1 24.1
150 13.0 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 44.779 ng
RT: 10.239 min Scan# 1386
Delta R.T. -0.000 min
Lab File: BF130339.D
Acq: 20 Sep 2022 12:12

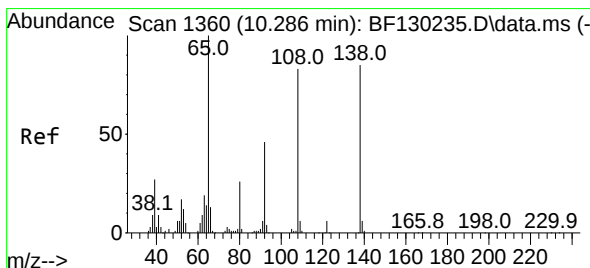
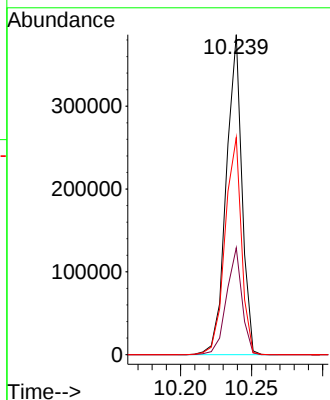
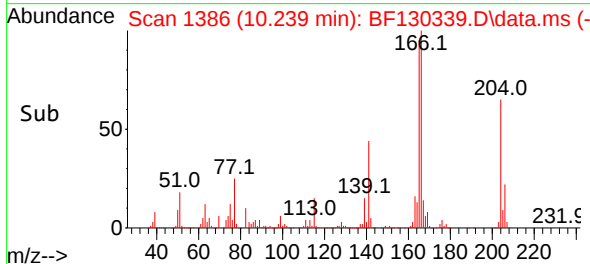
Instrument :
BNA_F
ClientSampleId :
PB147724BS



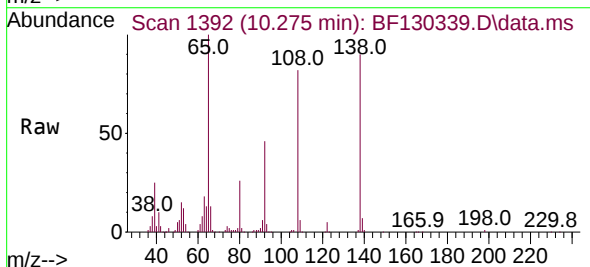
Tgt Ion:204 Resp: 297368
Ion Ratio Lower Upper
204 100
206 33.4 26.6 39.8
141 67.8 57.1 85.7

Manual Integrations
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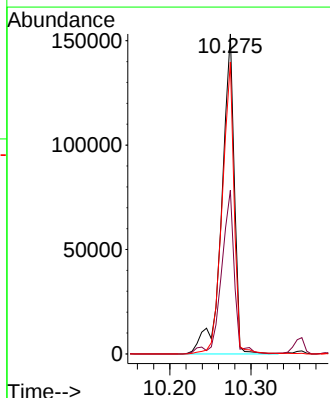
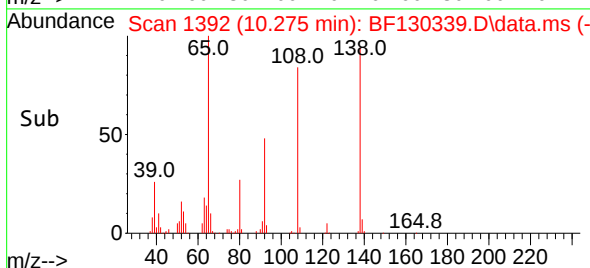
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022

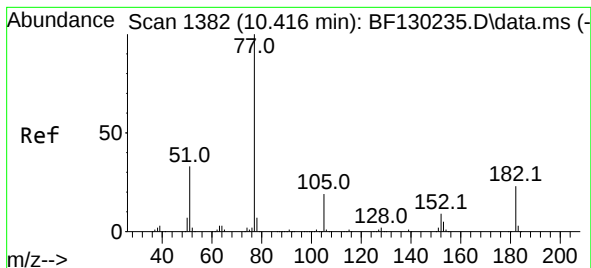


#62
4-Nitroaniline
Concen: 45.222 ng
RT: 10.275 min Scan# 1392
Delta R.T. 0.006 min
Lab File: BF130339.D
Acq: 20 Sep 2022 12:12



Tgt Ion:138 Resp: 163517
Ion Ratio Lower Upper
138 100
92 51.1 36.7 76.7
108 91.2 78.2 118.2





#63

Azobenzene

Concen: 38.970 ng

RT: 10.398 min Scan# 1413

Delta R.T. -0.000 min

Lab File: BF130339.D

Acq: 20 Sep 2022 12:12

Instrument :

BNA_F

ClientSampleId :

PB147724BS

Tgt Ion: 77 Resp: 62152

Ion Ratio Lower Upper

77 100

182 24.3 2.1 42.1

105 20.7 0.0 39.4

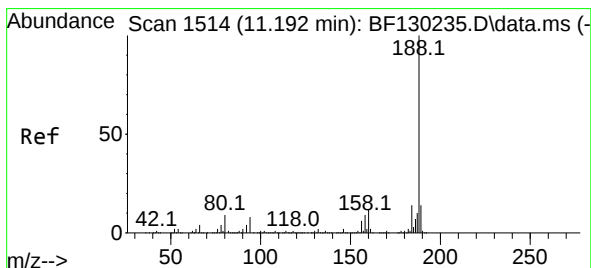
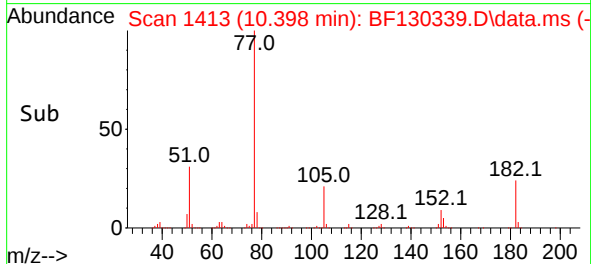
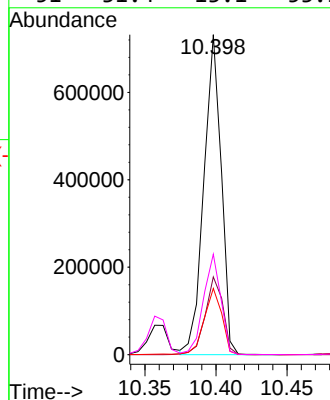
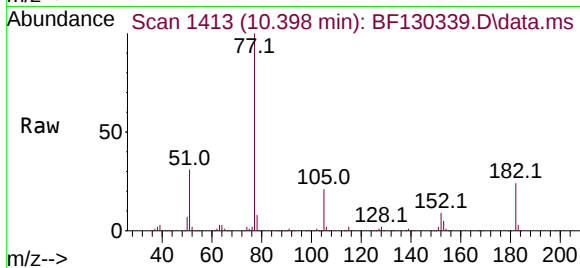
51 31.4 13.1 53.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/21/2022

Supervised By :Jagrut Upadhyay 09/21/2022



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.174 min Scan# 1545

Delta R.T. -0.000 min

Lab File: BF130339.D

Acq: 20 Sep 2022 12:12

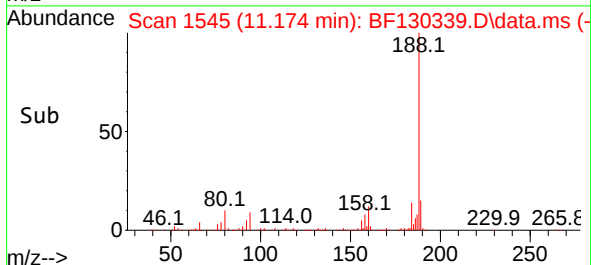
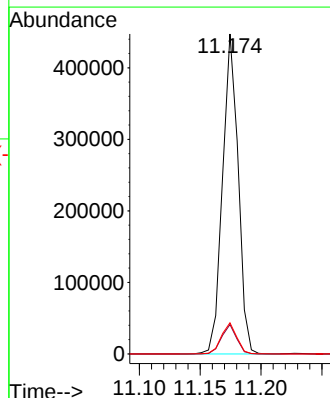
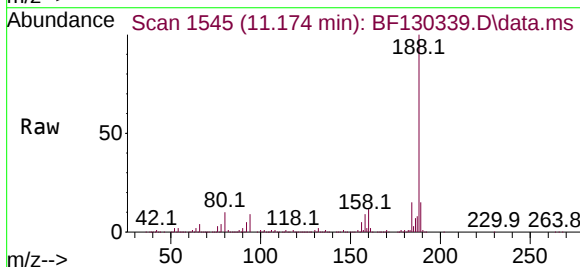
Tgt Ion:188 Resp: 398126

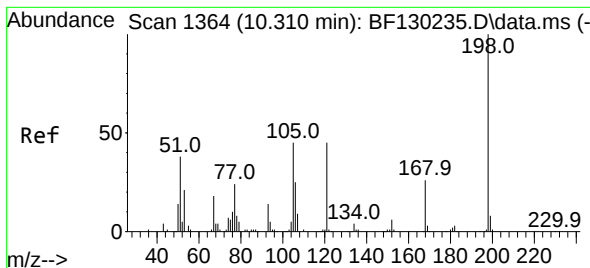
Ion Ratio Lower Upper

188 100

94 9.2 7.4 11.2

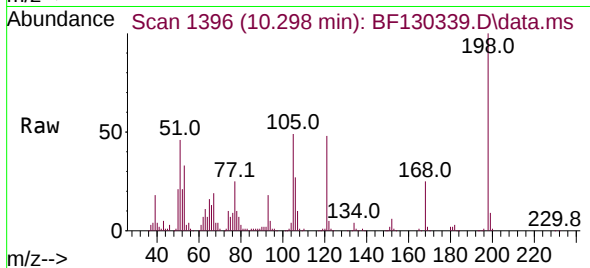
80 9.7 7.9 11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 46.440 ng
RT: 10.298 min Scan# 1364
Delta R.T. 0.006 min
Lab File: BF130339.D
Acq: 20 Sep 2022 12:12

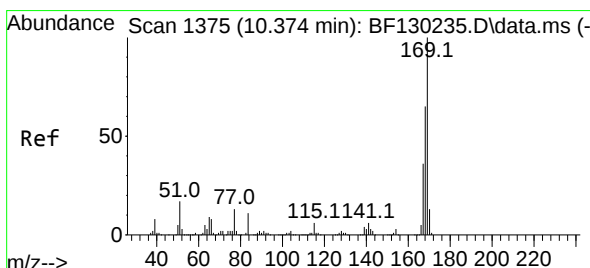
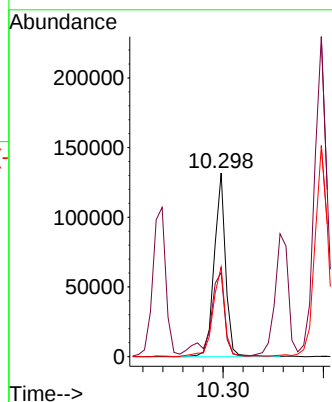
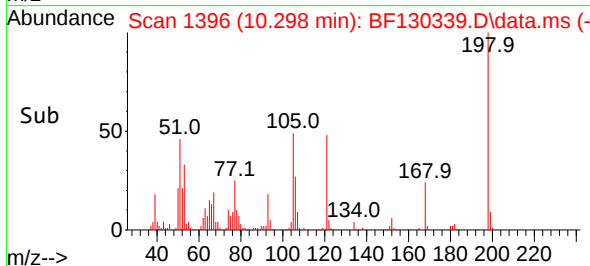
Instrument :
BNA_F
ClientSampleId :
PB147724BS



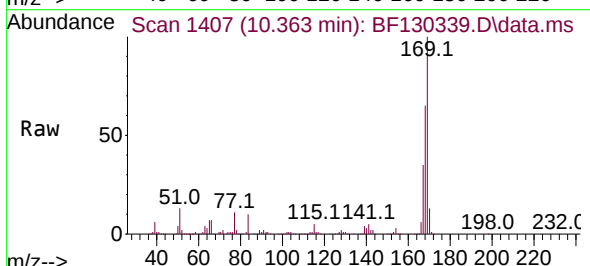
Tgt Ion:198 Resp: 102922
Ion Ratio Lower Upper
198 100
51 45.8 36.9 76.9
105 48.8 33.0 73.0

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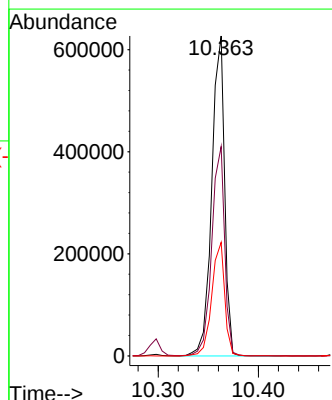
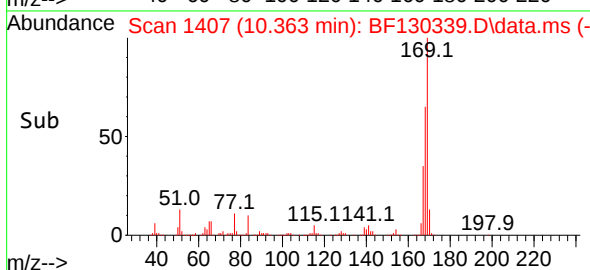
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022

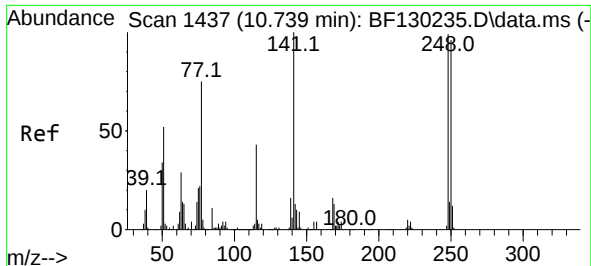


#66
n-Nitrosodiphenylamine
Concen: 41.775 ng
RT: 10.363 min Scan# 1407
Delta R.T. 0.006 min
Lab File: BF130339.D
Acq: 20 Sep 2022 12:12



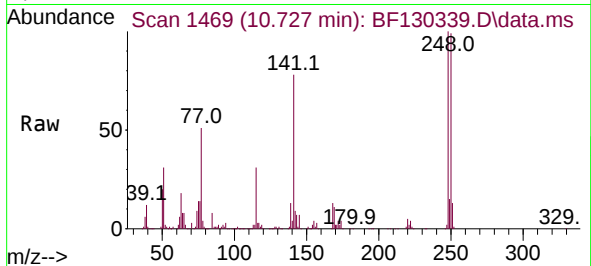
Tgt Ion:169 Resp: 555777
Ion Ratio Lower Upper
169 100
168 65.4 53.2 79.8
167 35.5 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 43.417 ng
RT: 10.727 min Scan# 1437
Delta R.T. 0.006 min
Lab File: BF130339.D
Acq: 20 Sep 2022 12:12

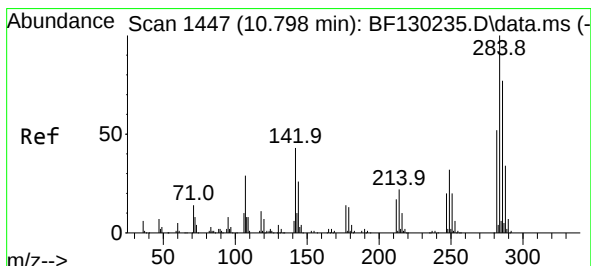
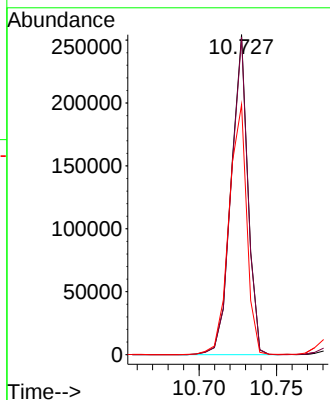
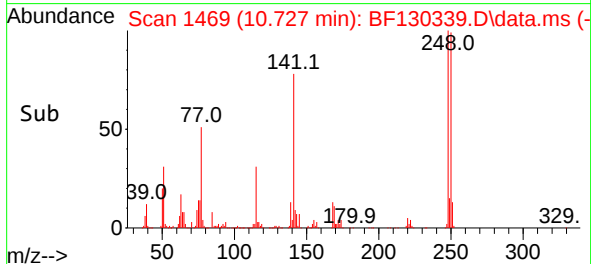
Instrument :
BNA_F
ClientSampleId :
PB147724BS



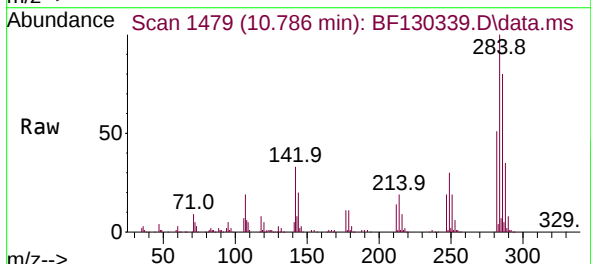
Tgt Ion:248 Resp: 190687
Ion Ratio Lower Upper
248 100
250 99.1 80.0 120.0
141 78.1 68.5 102.7

Manual Integrations
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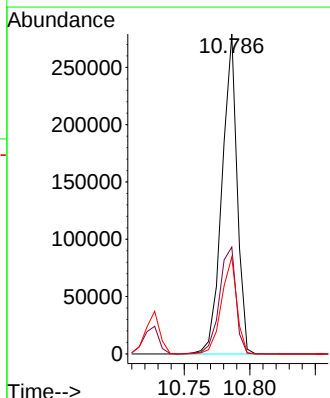
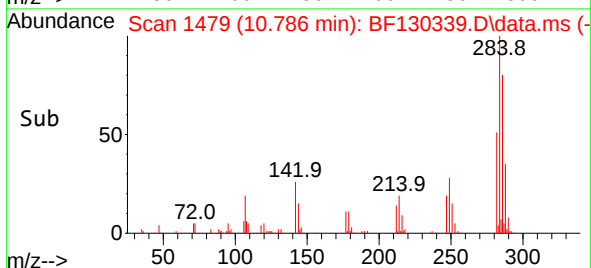
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022

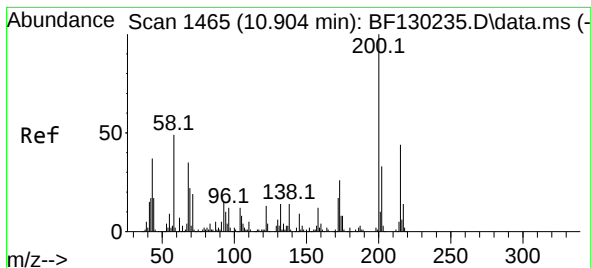


#68
Hexachlorobenzene
Concen: 45.026 ng
RT: 10.786 min Scan# 1479
Delta R.T. 0.006 min
Lab File: BF130339.D
Acq: 20 Sep 2022 12:12



Tgt Ion:284 Resp: 224169
Ion Ratio Lower Upper
284 100
142 33.4 27.2 40.8
249 30.3 23.8 35.8





#69

Atrazine

Concen: 47.101 ng

RT: 10.892 min Scan# 1465

Delta R.T. 0.006 min

Lab File: BF130339.D

Acq: 20 Sep 2022 12:12

Instrument :

BNA_F

ClientSampleId :

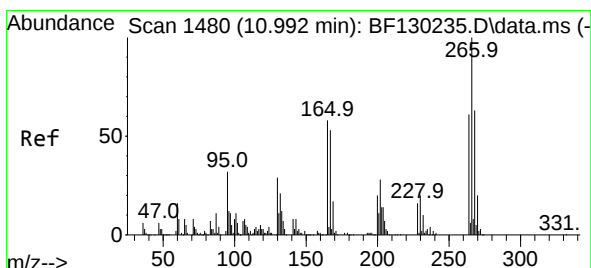
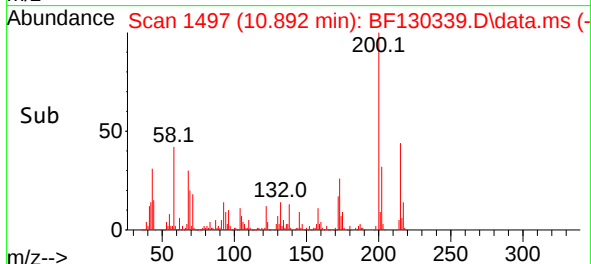
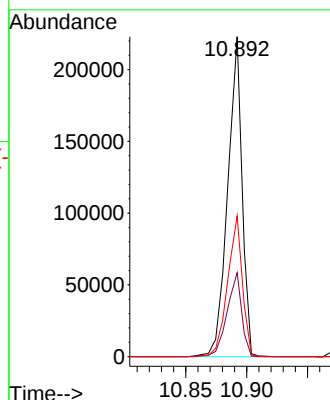
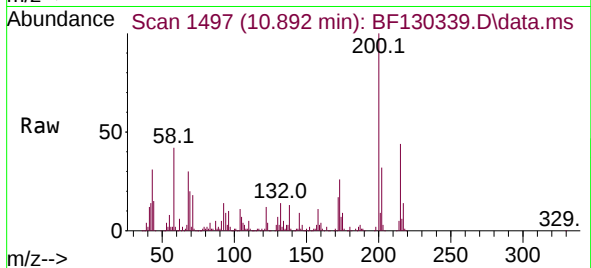
PB147724BS

Tgt Ion:200 Resp: 183127
 Ion Ratio Lower Upper
 200 100
 173 26.2 6.2 46.2
 215 44.0 22.5 62.5

Manual Integrations

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Reviewed By :Christian Giraldo 09/21/2022
 Supervised By :Jagrut Upadhyay 09/21/2022



#70

Pentachlorophenol

Concen: 93.876 ng

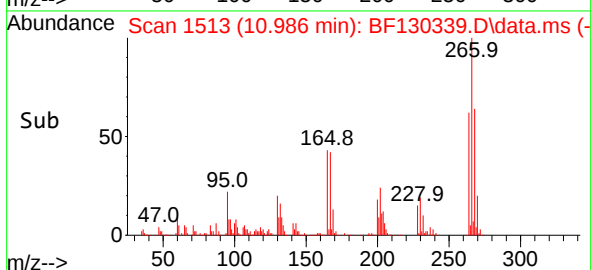
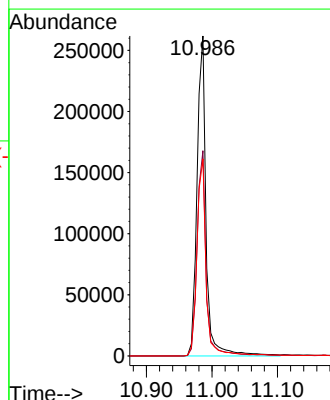
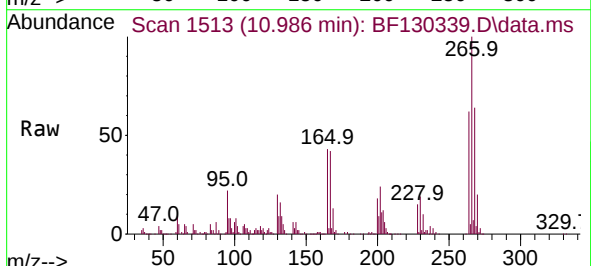
RT: 10.986 min Scan# 1513

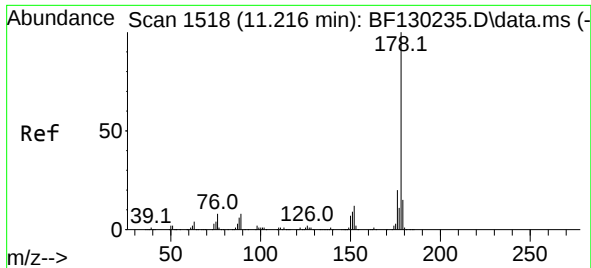
Delta R.T. 0.012 min

Lab File: BF130339.D

Acq: 20 Sep 2022 12:12

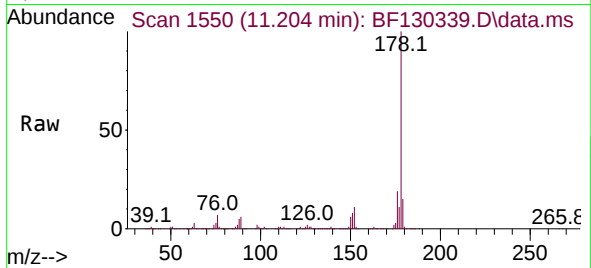
Tgt Ion:266 Resp: 250833
 Ion Ratio Lower Upper
 266 100
 268 64.1 50.5 75.7
 264 61.6 50.5 75.7





#71
Phenanthrene
Concen: 41.852 ng
RT: 11.204 min Scan# 1518
Delta R.T. 0.006 min
Lab File: BF130339.D
Acq: 20 Sep 2022 12:12

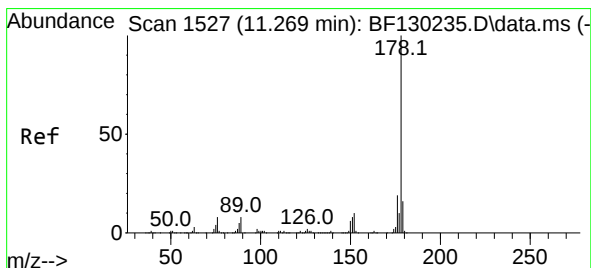
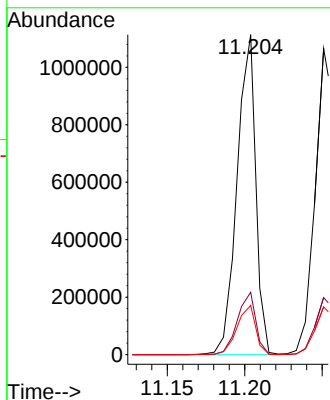
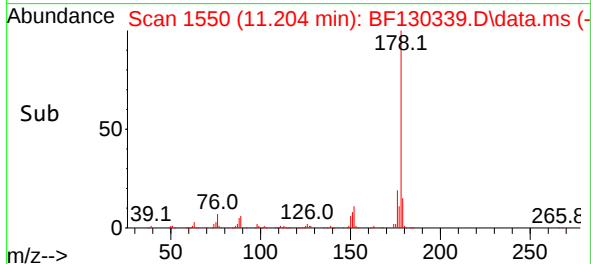
Instrument :
BNA_F
ClientSampleId :
PB147724BS



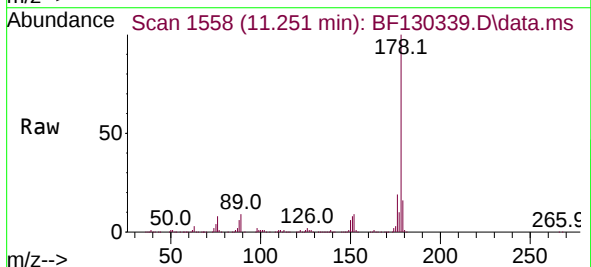
Tgt Ion:178 Resp: 935500
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.0
179 15.4 12.4 18.6

Manual Integrations
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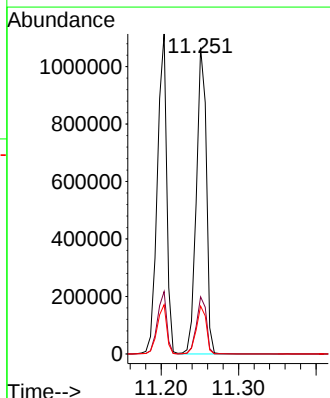
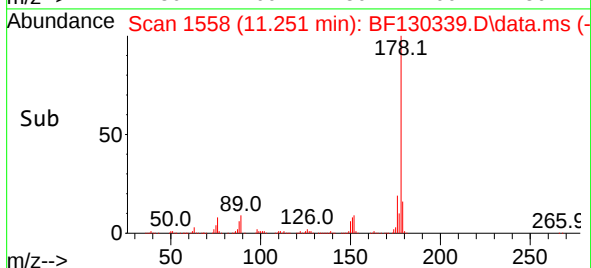
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022

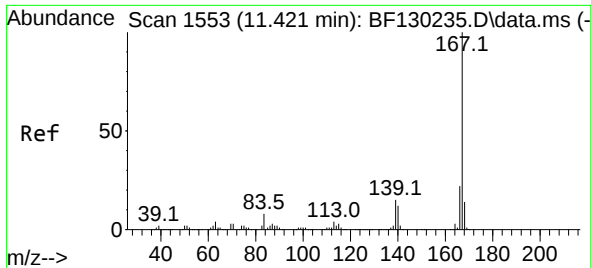


#72
Anthracene
Concen: 44.116 ng
RT: 11.251 min Scan# 1558
Delta R.T. -0.000 min
Lab File: BF130339.D
Acq: 20 Sep 2022 12:12



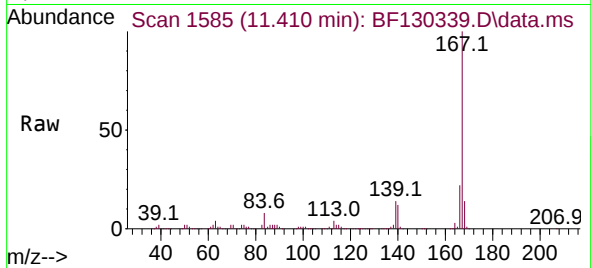
Tgt Ion:178 Resp: 951617
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.6
179 15.6 12.7 19.1





#73
 Carbazole
 Concen: 44.644 ng
 RT: 11.410 min Scan# 1553
 Delta R.T. 0.006 min
 Lab File: BF130339.D
 Acq: 20 Sep 2022 12:12

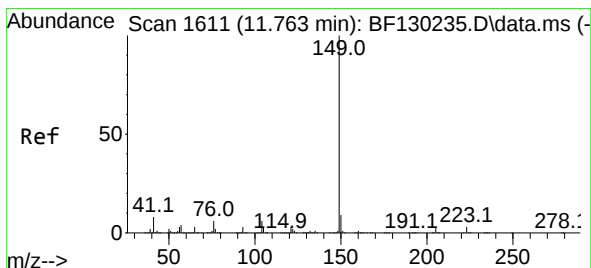
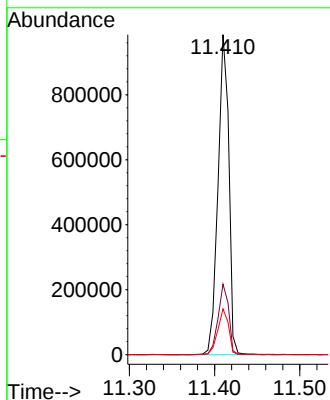
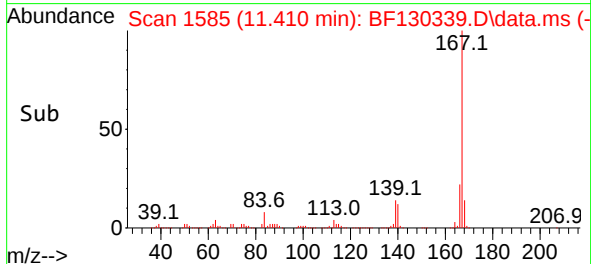
Instrument :
 BNA_F
 ClientSampleId :
 PB147724BS



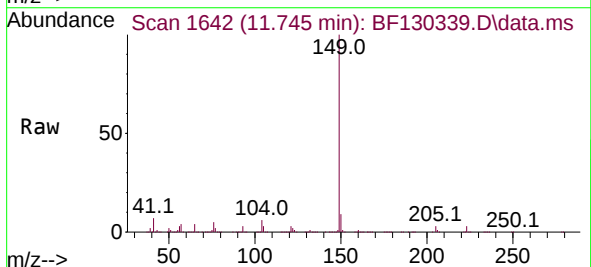
Tgt Ion:167 Resp: 869085
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.2
 139 14.3 11.6 17.4

Manual Integrations
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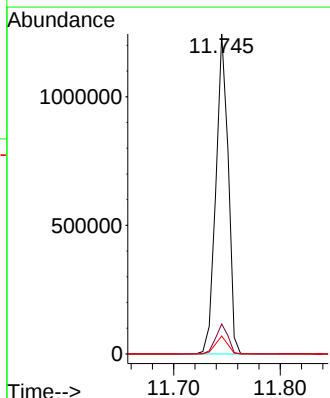
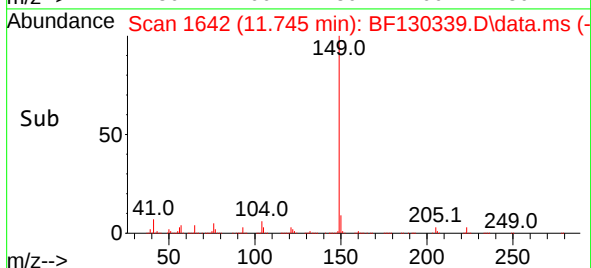
Reviewed By :Christian Giraldo 09/21/2022
 Supervised By :Jagrut Upadhyay 09/21/2022

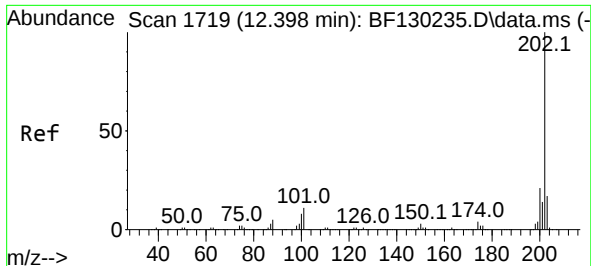


#74
 Di-n-butylphthalate
 Concen: 42.681 ng
 RT: 11.745 min Scan# 1642
 Delta R.T. -0.000 min
 Lab File: BF130339.D
 Acq: 20 Sep 2022 12:12



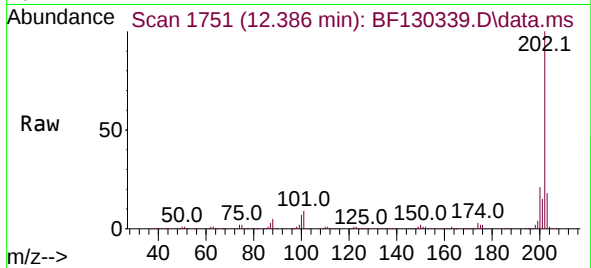
Tgt Ion:149 Resp: 1001937
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 5.6 4.8 7.2





#75
Fluoranthene
Concen: 44.481 ng
RT: 12.386 min Scan# 1719
Delta R.T. 0.006 min
Lab File: BF130339.D
Acq: 20 Sep 2022 12:12

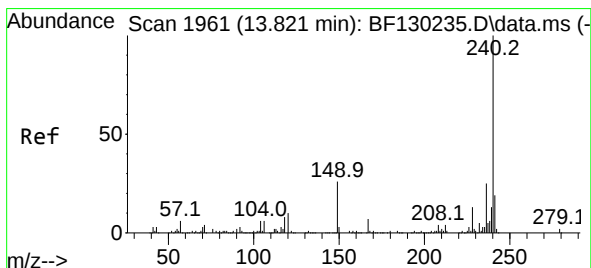
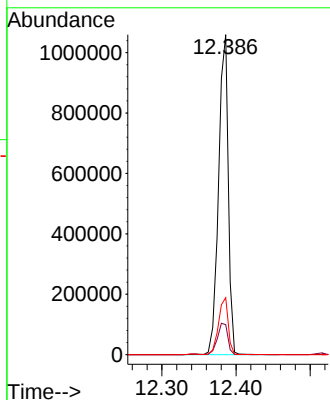
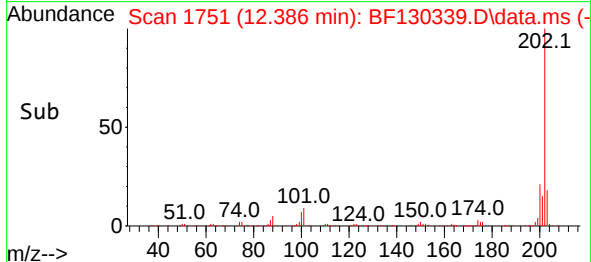
Instrument :
BNA_F
ClientSampleId :
PB147724BS



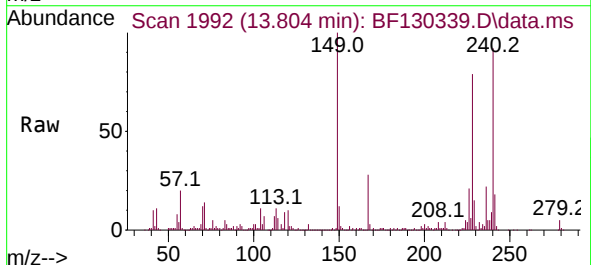
Tgt Ion:202 Resp: 960758
Ion Ratio Lower Upper
202 100
101 9.4 0.0 31.8
203 17.8 0.0 37.8

Manual Integrations
APPROVED

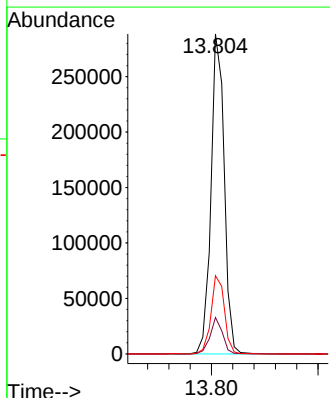
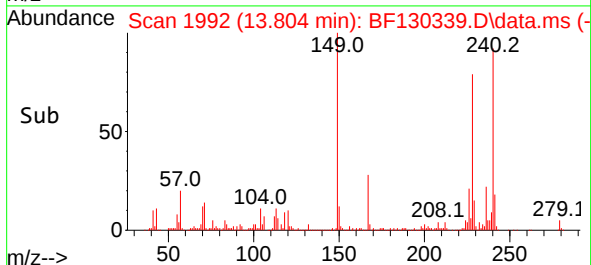
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022

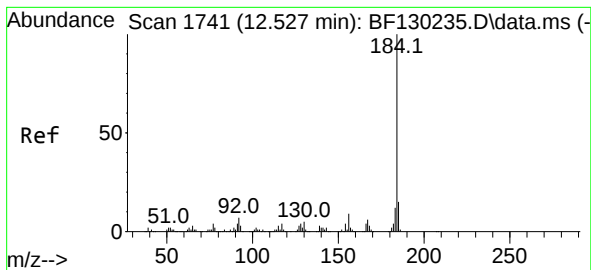


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.804 min Scan# 1992
Delta R.T. -0.000 min
Lab File: BF130339.D
Acq: 20 Sep 2022 12:12



Tgt Ion:240 Resp: 249337
Ion Ratio Lower Upper
240 100
120 11.4 8.7 13.1
236 24.4 20.9 31.3





#77

Benzidine

Concen: 70.530 ng

RT: 12.516 min Scan# 1773

Delta R.T. 0.006 min

Lab File: BF130339.D

Acq: 20 Sep 2022 12:12

Instrument :

BNA_F

ClientSampleId :

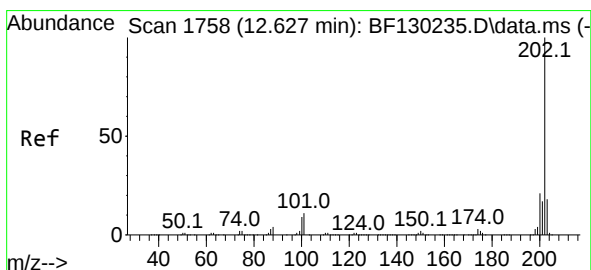
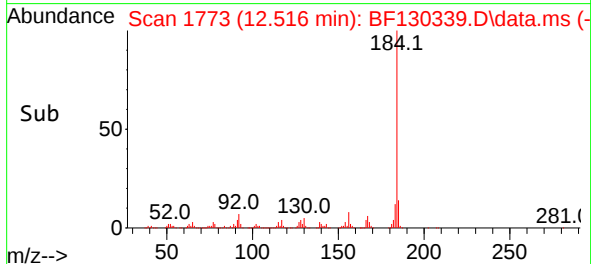
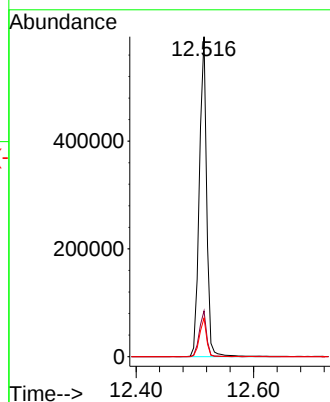
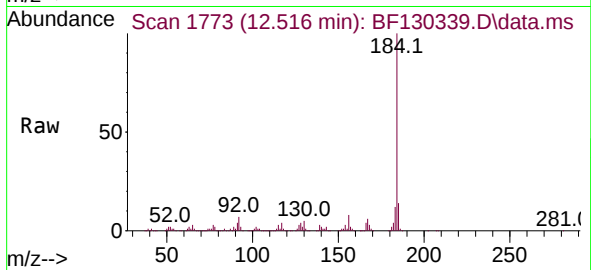
PB147724BS

Tgt Ion:184	Resp: 510501
Ion Ratio	Lower Upper
184 100	
185 14.3	11.8 17.6
183 12.0	9.1 13.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022



#78

Pyrene

Concen: 43.365 ng

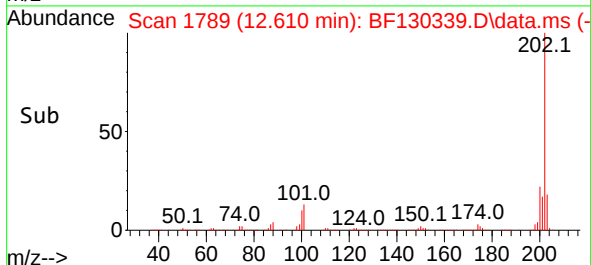
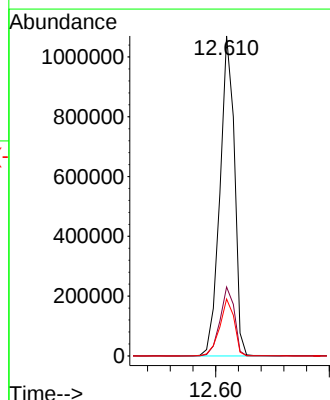
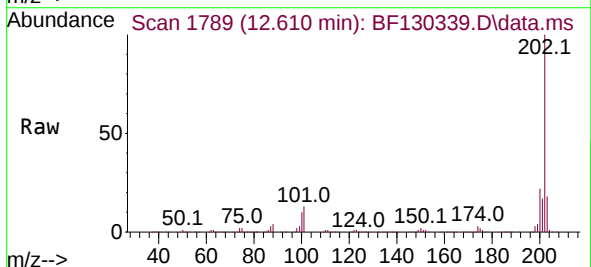
RT: 12.610 min Scan# 1789

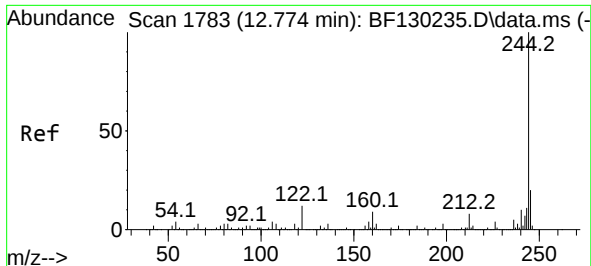
Delta R.T. -0.000 min

Lab File: BF130339.D

Acq: 20 Sep 2022 12:12

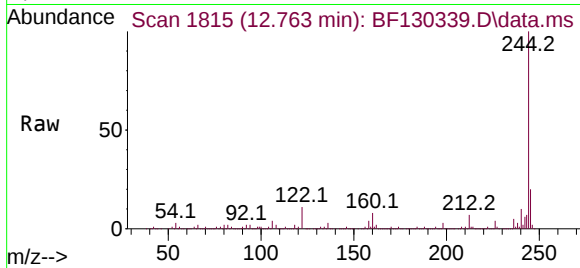
Tgt Ion:202	Resp: 945890
Ion Ratio	Lower Upper
202 100	
200 21.5	17.2 25.8
203 17.8	14.3 21.5





#79
Terphenyl-d14
Concen: 92.532 ng
RT: 12.763 min Scan# 1815
Delta R.T. 0.006 min
Lab File: BF130339.D
Acq: 20 Sep 2022 12:12

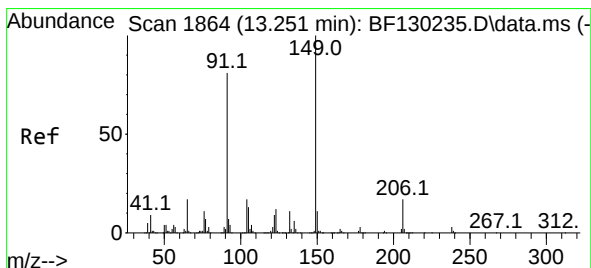
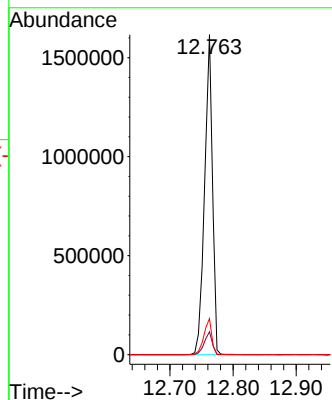
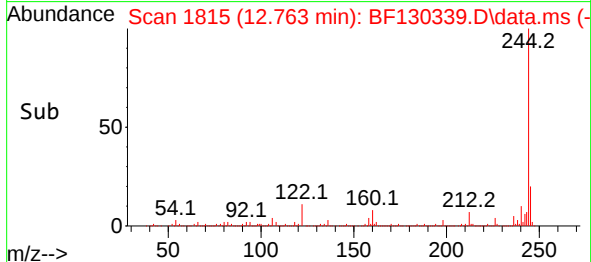
Instrument :
BNA_F
ClientSampleId :
PB147724BS



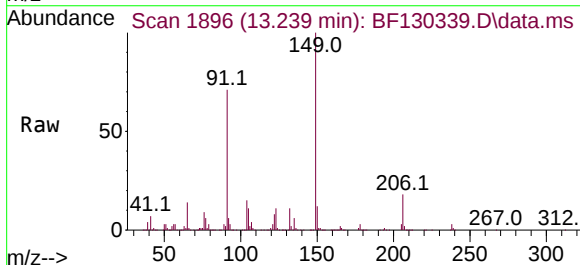
Tgt Ion:244 Resp: 1392803
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 11.3 8.5 12.7

Manual Integrations
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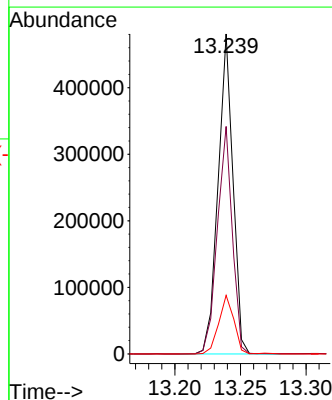
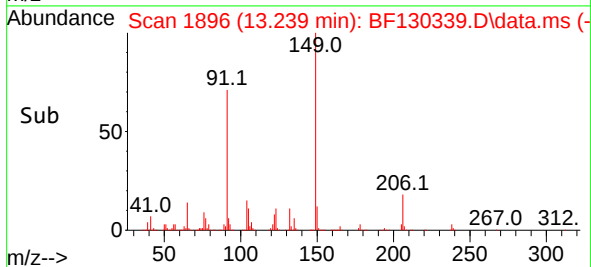
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022

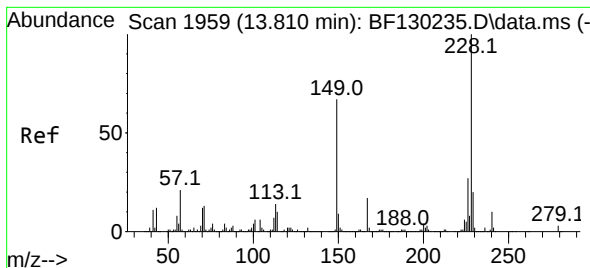


#80
Butylbenzylphthalate
Concen: 47.044 ng
RT: 13.239 min Scan# 1896
Delta R.T. 0.006 min
Lab File: BF130339.D
Acq: 20 Sep 2022 12:12



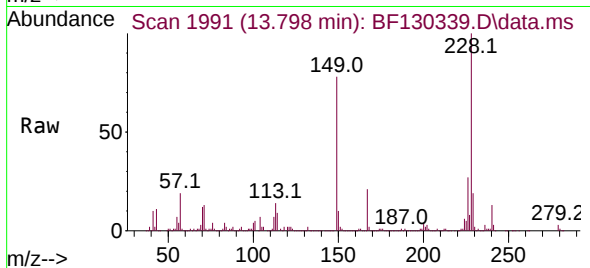
Tgt Ion:149 Resp: 380142
Ion Ratio Lower Upper
149 100
91 71.1 59.8 89.8
206 18.3 13.9 20.9





#81
Benzo(a)anthracene
Concen: 43.086 ng
RT: 13.798 min Scan# 1991
Delta R.T. 0.006 min
Lab File: BF130339.D
Acq: 20 Sep 2022 12:12

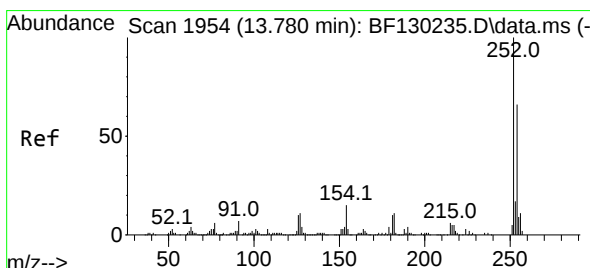
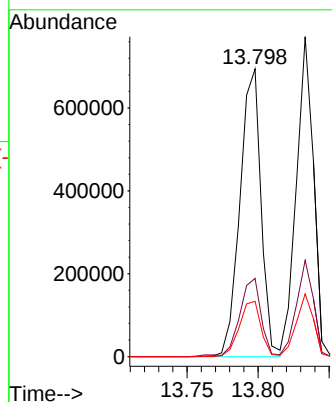
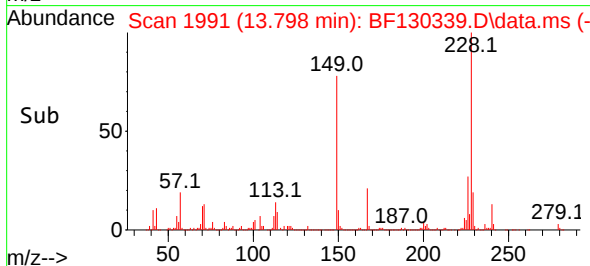
Instrument :
BNA_F
ClientSampleId :
PB147724BS



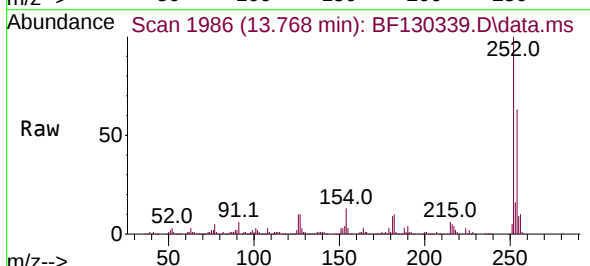
Tgt Ion:228 Resp: 714666
Ion Ratio Lower Upper
228 100
226 27.2 21.9 32.9
229 19.2 16.1 24.1

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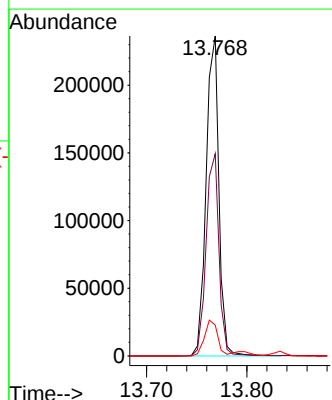
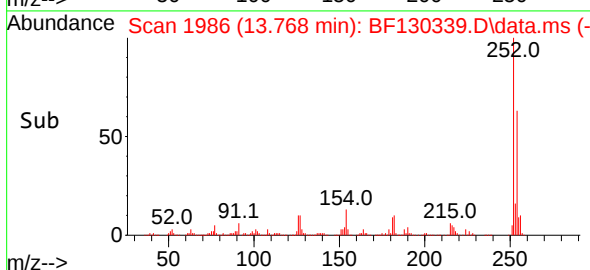
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022

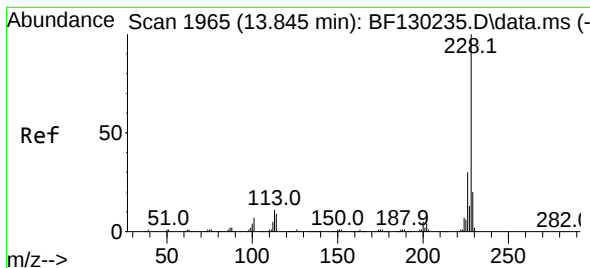


#82
3,3'-Dichlorobenzidine
Concen: 46.041 ng
RT: 13.768 min Scan# 1986
Delta R.T. 0.006 min
Lab File: BF130339.D
Acq: 20 Sep 2022 12:12



Tgt Ion:252 Resp: 207885
Ion Ratio Lower Upper
252 100
254 63.2 51.1 76.7
126 9.6 10.4 15.6#





#83

Chrysene

Concen: 41.185 ng

RT: 13.833 min Scan# 19

Delta R.T. 0.006 min

Lab File: BF130339.D

Acq: 20 Sep 2022 12:12

Instrument :

BNA_F

ClientSampleId :

PB147724BS

Tgt Ion:228 Resp: 64864

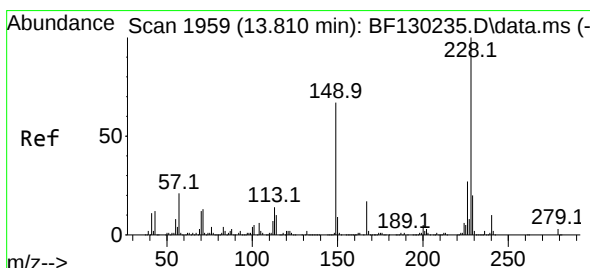
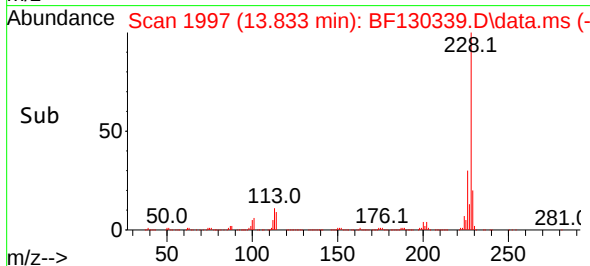
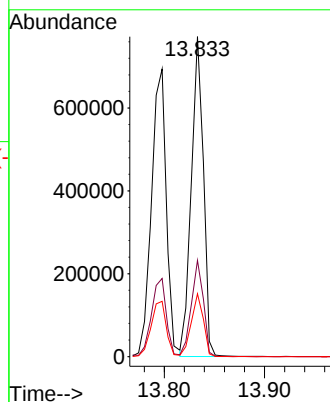
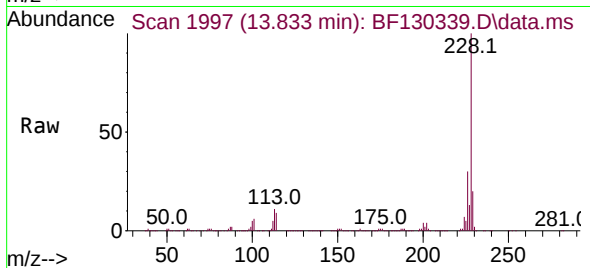
Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.8	35.8
229	19.6	15.3	22.9

Manual Integrations

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Reviewed By :Christian Giraldo 09/21/2022

Supervised By :Jagrut Upadhyay 09/21/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.646 ng

RT: 13.798 min Scan# 1991

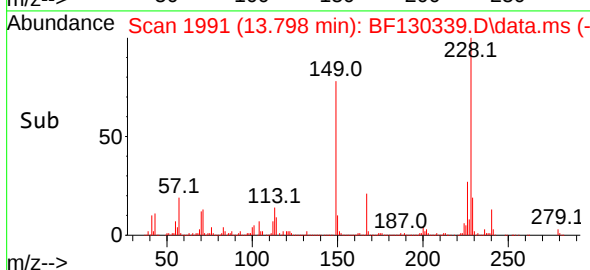
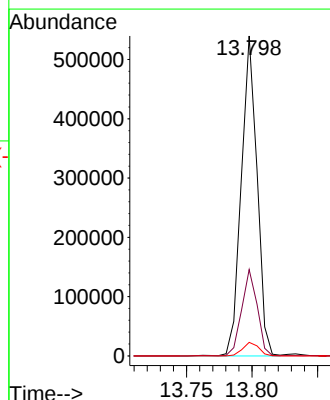
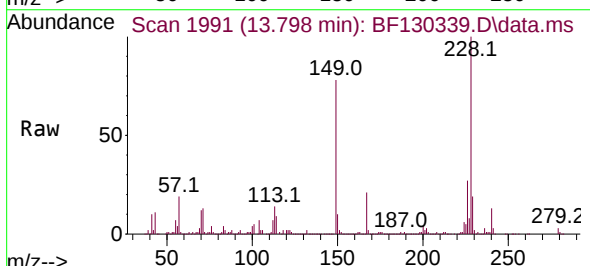
Delta R.T. 0.006 min

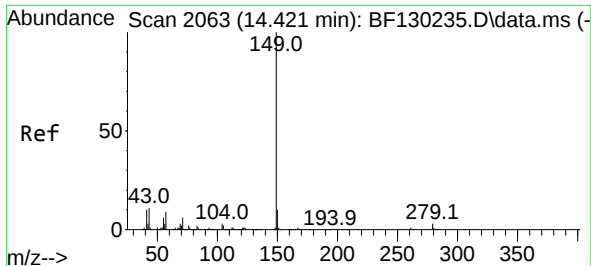
Lab File: BF130339.D

Acq: 20 Sep 2022 12:12

Tgt Ion:149 Resp: 450250

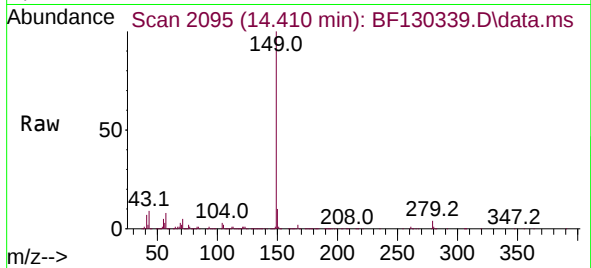
Ion	Ratio	Lower	Upper
149	100		
167	27.0	20.5	30.7
279	4.3	2.9	4.3





#85
Di-n-octyl phthalate
Concen: 42.260 ng
RT: 14.410 min Scan# 2063
Delta R.T. 0.006 min
Lab File: BF130339.D
Acq: 20 Sep 2022 12:12

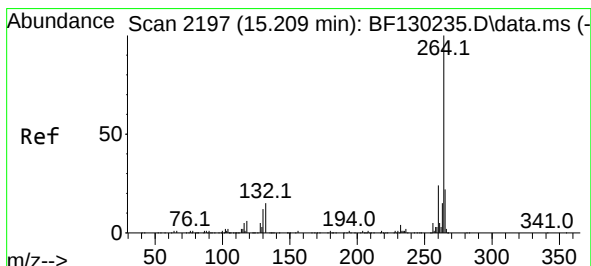
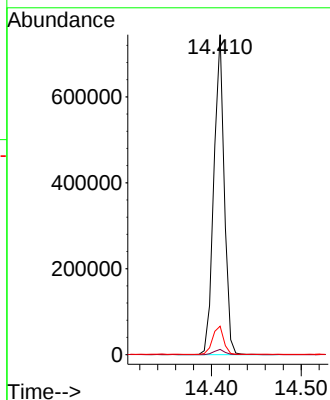
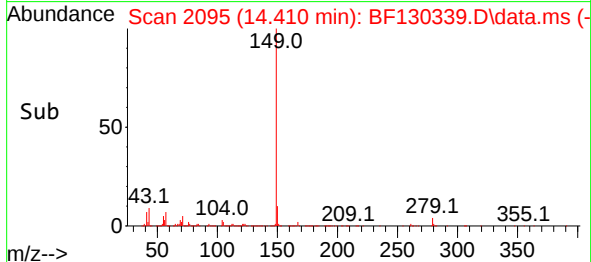
Instrument :
BNA_F
ClientSampleId :
PB147724BS



Tgt Ion:149 Resp: 598264
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 9.4 8.7 13.1

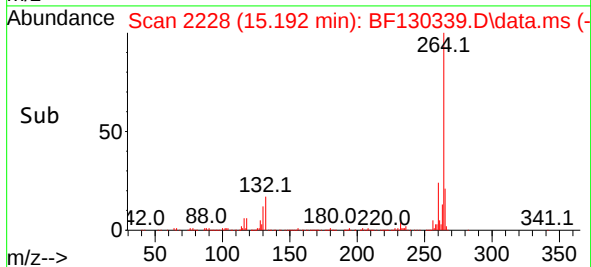
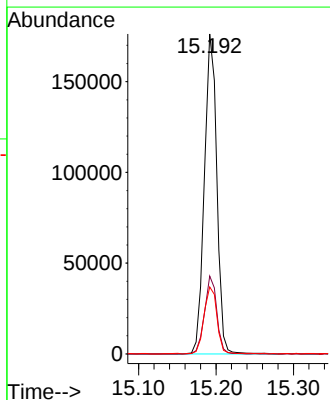
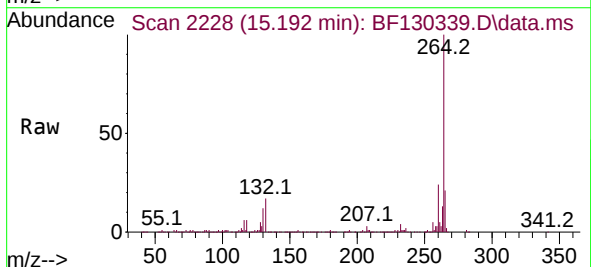
Manual Integrations
APPROVED

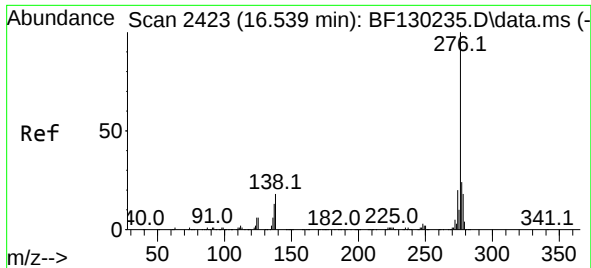
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.192 min Scan# 2228
Delta R.T. 0.006 min
Lab File: BF130339.D
Acq: 20 Sep 2022 12:12

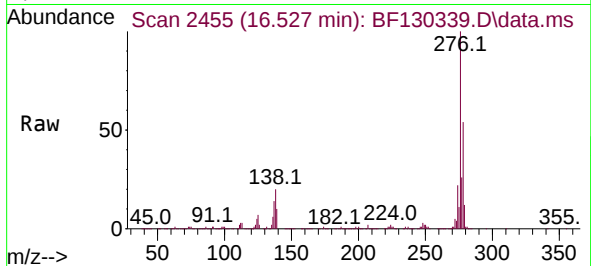
Tgt Ion:264 Resp: 196210
Ion Ratio Lower Upper
264 100
260 24.3 19.3 28.9
265 20.9 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 42.791 ng
RT: 16.527 min Scan# 2423
Delta R.T. 0.018 min
Lab File: BF130339.D
Acq: 20 Sep 2022 12:12

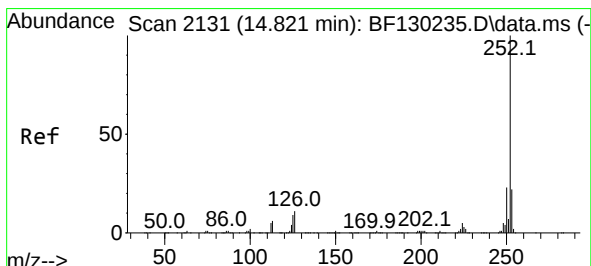
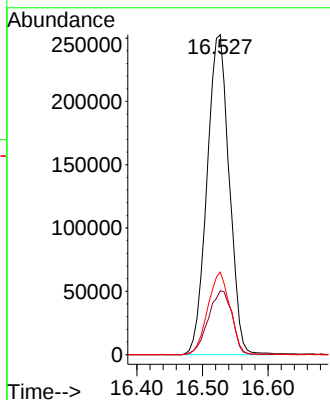
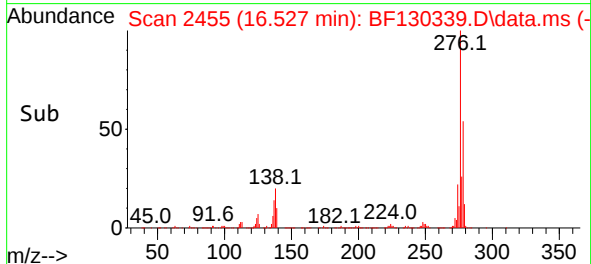
Instrument :
BNA_F
ClientSampleId :
PB147724BS



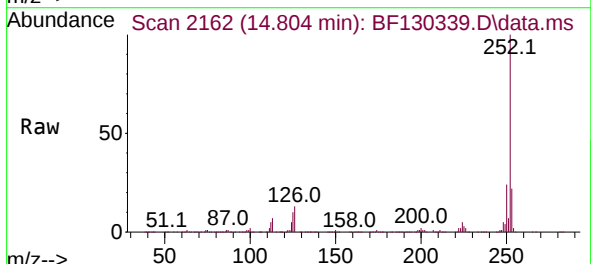
Tgt Ion:276 Resp: 595390
Ion Ratio Lower Upper
276 100
138 21.5 18.5 27.7
277 25.9 20.2 30.4

Manual Integrations
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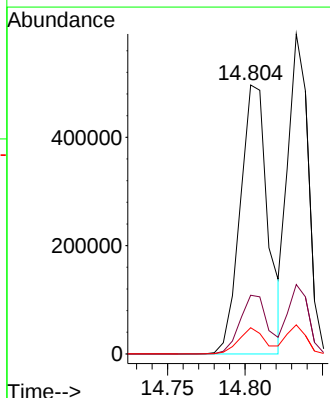
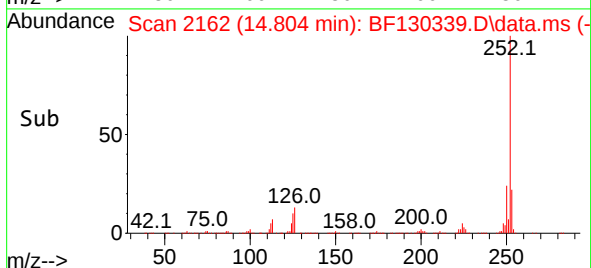
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022

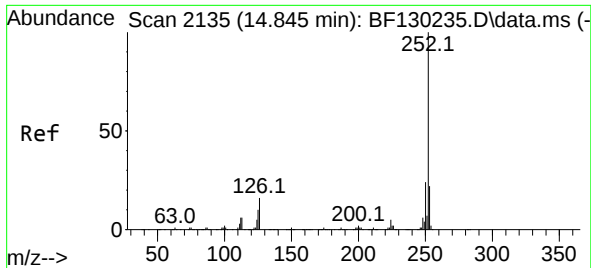


#88
Benzo(b)fluoranthene
Concen: 48.295 ng
RT: 14.804 min Scan# 2162
Delta R.T. 0.006 min
Lab File: BF130339.D
Acq: 20 Sep 2022 12:12



Tgt Ion:252 Resp: 618494
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 9.8 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 43.027 ng

RT: 14.833 min Scan# 2119

Delta R.T. 0.006 min

Lab File: BF130339.D

Acq: 20 Sep 2022 12:12

Instrument :

BNA_F

ClientSampleId :

PB147724BS

Tgt Ion:252 Resp: 542044

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

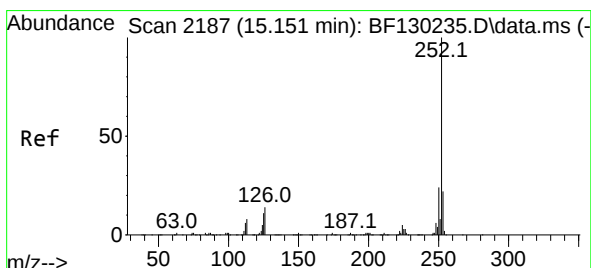
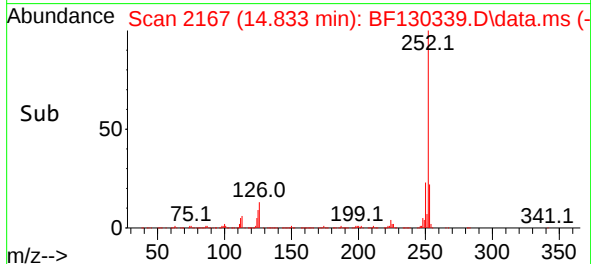
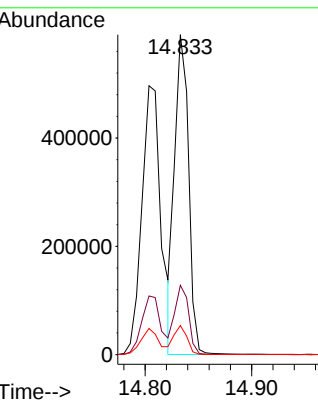
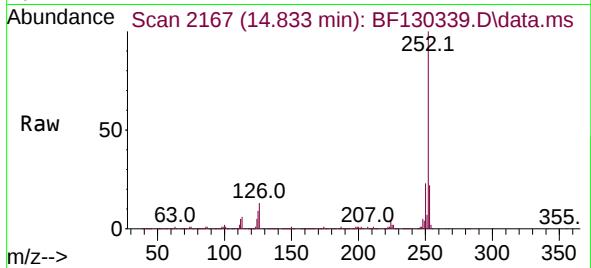
125 9.1 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/21/2022

Supervised By :Jagrut Upadhyay 09/21/2022



#90

Benzo(a)pyrene

Concen: 49.392 ng

RT: 15.139 min Scan# 2219

Delta R.T. 0.006 min

Lab File: BF130339.D

Acq: 20 Sep 2022 12:12

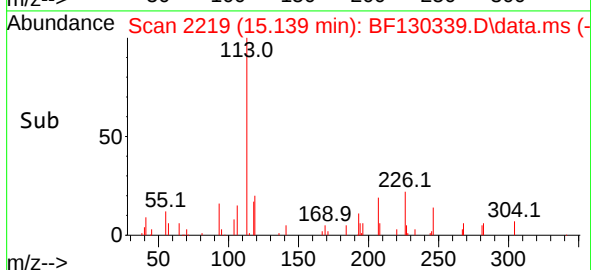
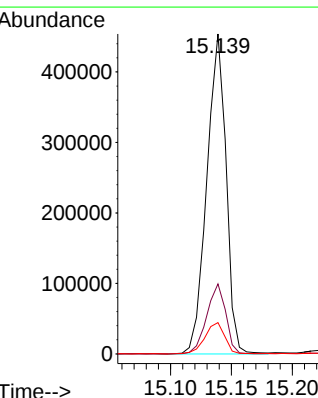
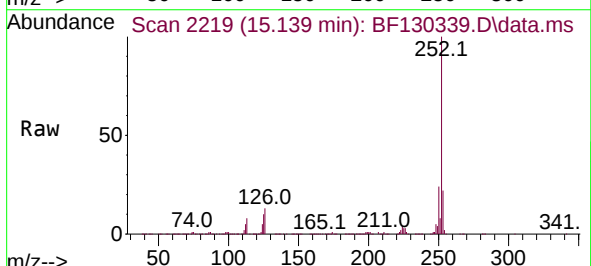
Tgt Ion:252 Resp: 501123

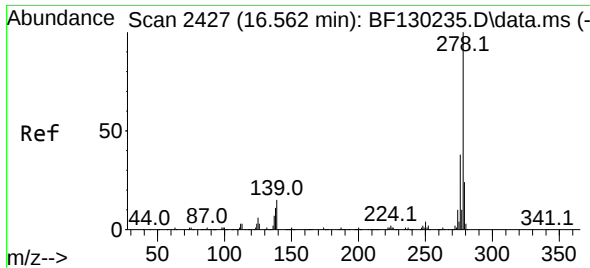
Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

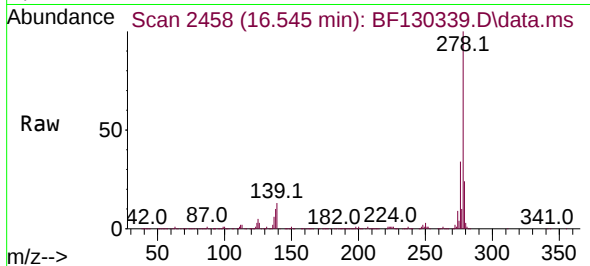
125 9.8 9.0 13.6





#91
Dibenzo(a,h)anthracene
Concen: 45.701 ng
RT: 16.545 min Scan# 2427
Delta R.T. 0.018 min
Lab File: BF130339.D
Acq: 20 Sep 2022 12:12

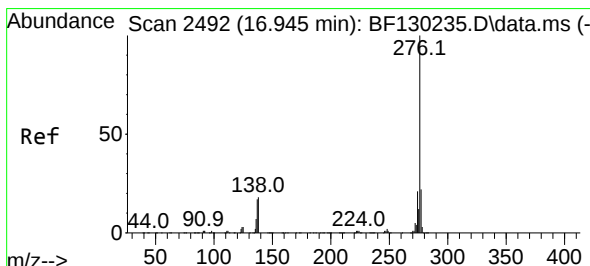
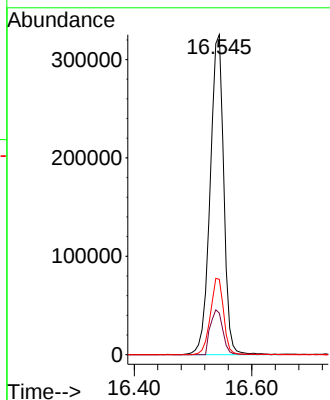
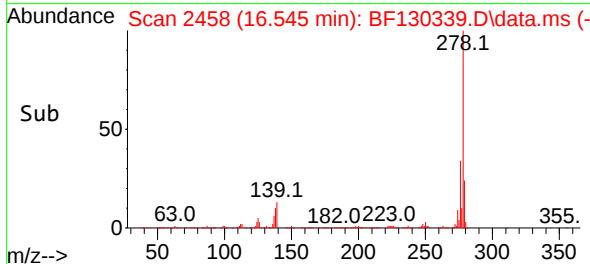
Instrument :
BNA_F
ClientSampleId :
PB147724BS



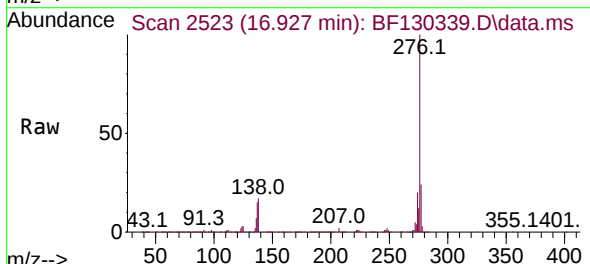
Tgt Ion: 278 Resp: 521653
Ion Ratio Lower Upper
278 100
139 13.0 11.8 17.8
279 23.5 19.4 29.0

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 09/21/2022
Supervised By : Jagrut Upadhyay 09/21/2022



#92
Benzo(g,h,i)perylene
Concen: 45.079 ng
RT: 16.927 min Scan# 2523
Delta R.T. 0.018 min
Lab File: BF130339.D
Acq: 20 Sep 2022 12:12



Tgt Ion: 276 Resp: 518332
Ion Ratio Lower Upper
276 100
277 23.7 18.6 27.8
138 17.5 14.6 21.8

