

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101322\
 Data File : BF130648.D
 Acq On : 13 Oct 2022 15:43
 Operator : CG\JU
 Sample : N5083-03MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MOUNT-LAUREL-COMP-2-MOUNT-LAUREL-VOC-2MSD

Quant Time: Oct 14 06:00:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 12 06:52:52 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.587	152	76091	20.000	ng	0.00
21) Naphthalene-d8	7.869	136	300248	20.000	ng	0.00
39) Acenaphthene-d10	9.622	164	166529	20.000	ng	0.00
64) Phenanthrene-d10	11.098	188	285054	20.000	ng	0.00
76) Chrysene-d12	13.727	240	154137	20.000	ng	0.00
86) Perylene-d12	15.104	264	145964	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.198	112	507587	120.244	ng	0.01
7) Phenol-d6	6.240	99	637683	120.151	ng	0.00
23) Nitrobenzene-d5	7.163	82	386053	70.192	ng	0.00
42) 2,4,6-Tribromophenol	10.410	330	215854	132.468	ng	0.00
45) 2-Fluorobiphenyl	8.951	172	781432	71.079	ng	0.00
79) Terphenyl-d14	12.680	244	781126	84.111	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.246	88	84512	33.092	ng	97
3) Pyridine	2.899	79	202518	44.331	ng	96
4) n-Nitrosodimethylamine	2.869	42	112892	52.450	ng	88
6) Aniline	6.257	93	273984	43.119	ng	# 73
8) 2-Chlorophenol	6.375	128	261625	52.702	ng	98
9) Benzaldehyde	6.140	77	120619	36.173	ng	99
10) Phenol	6.251	94	315294	51.343	ng	94
11) bis(2-Chloroethyl)ether	6.334	93	229867	51.531	ng	99
12) 1,3-Dichlorobenzene	6.528	146	276299	50.833	ng	98
13) 1,4-Dichlorobenzene	6.604	146	282595	51.249	ng	98
14) 1,2-Dichlorobenzene	6.757	146	268837	52.349	ng	97
15) Benzyl Alcohol	6.745	79	203039	53.285	ng	100
16) 2,2'-oxybis(1-Chloropr...	6.875	45	280099	48.807	ng	91
17) 2-Methylphenol	6.863	107	210180	53.225	ng	97
18) Hexachloroethane	7.092	117	106632	51.116	ng	95
19) n-Nitroso-di-n-propyla...	7.016	70	174501	50.961	ng	99
20) 3+4-Methylphenols	7.016	107	265147	50.109	ng	99
22) Acetophenone	7.010	105	367394	51.009	ng	# 99
24) Nitrobenzene	7.181	77	266968	48.267	ng	99
25) Isophorone	7.422	82	473043	51.677	ng	98
26) 2-Nitrophenol	7.492	139	139256	51.339	ng	# 89
27) 2,4-Dimethylphenol	7.540	122	220953	58.445	ng	98
28) bis(2-Chloroethoxy)met...	7.634	93	285149	53.798	ng	99
29) 2,4-Dichlorophenol	7.739	162	220008	52.014	ng	98
30) 1,2,4-Trichlorobenzene	7.816	180	229156	50.254	ng	97
31) Naphthalene	7.892	128	748141	48.136	ng	99
32) Benzoic acid	7.698	122	125879	52.632	ng	96
33) 4-Chloroaniline	7.951	127	185173	30.756	ng	99
34) Hexachlorobutadiene	8.010	225	145054	51.252	ng	97
35) Caprolactam	8.339	113	65606m	51.552	ng	
36) 4-Chloro-3-methylphenol	8.451	107	236218	51.486	ng	99
37) 2-Methylnaphthalene	8.586	142	499353	51.055	ng	98
38) 1-Methylnaphthalene	8.681	142	474446	49.969	ng	98
40) 1,2,4,5-Tetrachloroben...	8.751	216	236624	52.372	ng	98
41) Hexachlorocyclopentadiene	8.734	237	197225	109.952	ng	99
43) 2,4,6-Trichlorophenol	8.869	196	156423	51.562	ng	99

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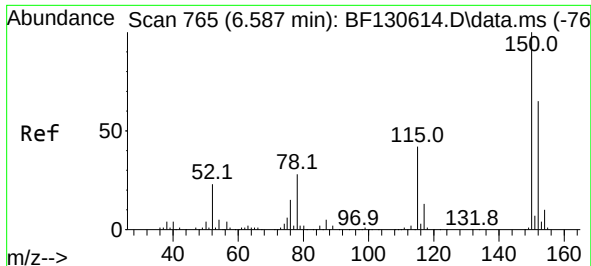
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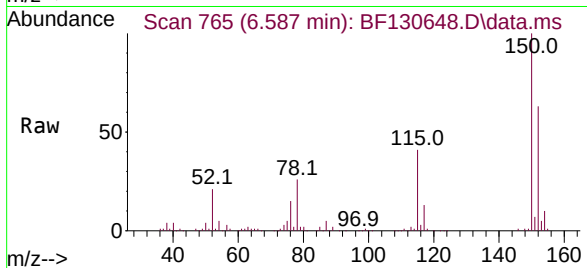
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.916	196	168169	50.408	ng	94
46) 1,1'-Biphenyl	9.051	154	625281	51.811	ng	99
47) 2-Chloronaphthalene	9.075	162	483779	49.047	ng	98
48) 2-Nitroaniline	9.181	65	142577	48.018	ng	96
49) Acenaphthylene	9.486	152	722680	48.899	ng	99
50) Dimethylphthalate	9.363	163	576040	49.970	ng	99
51) 2,6-Dinitrotoluene	9.422	165	129668	51.279	ng	97
52) Acenaphthene	9.657	154	438239	48.943	ng	99
53) 3-Nitroaniline	9.592	138	90939	32.808	ng	99
54) 2,4-Dinitrophenol	9.704	184	110929	85.711	ng	93
55) Dibenzofuran	9.828	168	676634	49.604	ng	99
56) 4-Nitrophenol	9.775	139	154527	101.109	ng	99
57) 2,4-Dinitrotoluene	9.828	165	170146	52.355	ng	91
58) Fluorene	10.169	166	553751	49.378	ng	99
59) 2,3,4,6-Tetrachlorophenol	9.951	232	129034	48.514	ng	97
60) Diethylphthalate	10.057	149	567006	49.298	ng	98
61) 4-Chlorophenyl-phenyle...	10.163	204	264019	52.074	ng	98
62) 4-Nitroaniline	10.210	138	117535	44.413	ng	98
63) Azobenzene	10.322	77	495981	45.784	ng	98
65) 4,6-Dinitro-2-methylph...	10.233	198	82309	46.205	ng	89
66) n-Nitrosodiphenylamine	10.286	169	472865	49.870	ng	99
67) 4-Bromophenyl-phenylether	10.651	248	170900	52.987	ng	97
68) Hexachlorobenzene	10.710	284	194802	53.428	ng	97
69) Atrazine	10.822	200	157375	60.951	ng	98
70) Pentachlorophenol	10.916	266	146330	103.120	ng	98
71) Phenanthrene	11.128	178	769204	48.705	ng	99
72) Anthracene	11.180	178	782223	50.714	ng	100
73) Carbazole	11.339	167	670816	48.740	ng	99
74) Di-n-butylphthalate	11.669	149	850579	51.019	ng	99
75) Fluoranthene	12.310	202	732307	48.246	ng	99
77) Benzidine	12.439	184	282831	72.595	ng	98
78) Pyrene	12.533	202	721508	54.259	ng	100
80) Butylbenzylphthalate	13.163	149	279872	54.735	ng	98
81) Benzo(a)anthracene	13.721	228	504570	48.582	ng	99
82) 3,3'-Dichlorobenzidine	13.686	252	127279	42.409	ng	98
83) Chrysene	13.757	228	465678	47.290	ng	99
84) Bis(2-ethylhexyl)phtha...	13.721	149	336094	54.218	ng	100
85) Di-n-octyl phthalate	14.327	149	484004	50.982	ng	99
87) Indeno(1,2,3-cd)pyrene	16.398	276	572061	52.363	ng	98
88) Benzo(b)fluoranthene	14.727	252	477081	51.617	ng	99
89) Benzo(k)fluoranthene	14.751	252	457047	48.564	ng	99
90) Benzo(a)pyrene	15.051	252	416737	54.174	ng	98
91) Dibenzo(a,h)anthracene	16.410	278	497783	55.587	ng	99
92) Benzo(g,h,i)perylene	16.786	276	486545	58.334	ng	98

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.587 min Scan# 765
 Delta R.T. -0.000 min
 Lab File: BF130648.D
 Acq: 13 Oct 2022 15:43

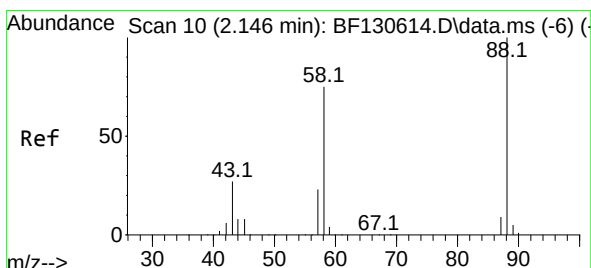
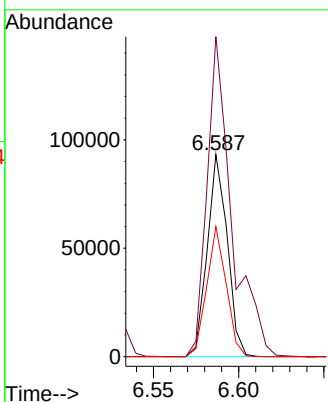
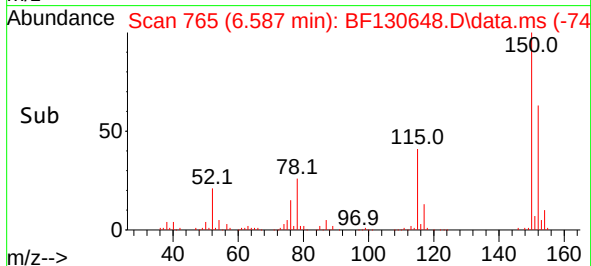
Instrument : BNA_F
 ClientSampleId : MOUNT-LAUREL-COMP-2-MOUNT-LAUREL-VOC-2MSD



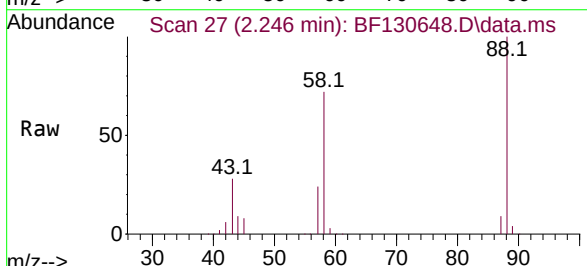
Tgt Ion: 152 Resp: 76091
 Ion Ratio Lower Upper
 152 100
 150 158.4 123.8 185.6
 115 64.3 52.2 78.4

Manual Integrations
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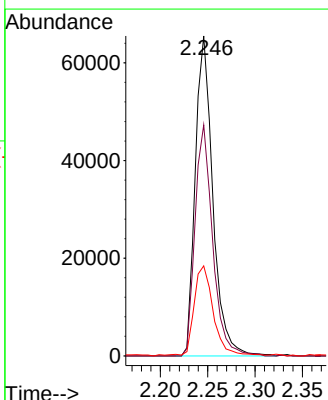
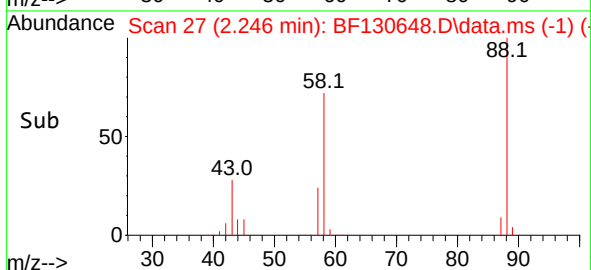
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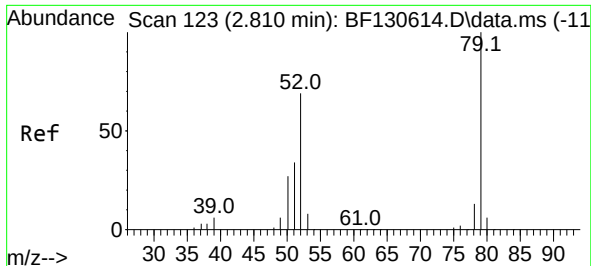


#2
 1,4-Dioxane
 Concen: 33.092 ng
 RT: 2.246 min Scan# 27
 Delta R.T. 0.100 min
 Lab File: BF130648.D
 Acq: 13 Oct 2022 15:43



Tgt Ion: 88 Resp: 84512
 Ion Ratio Lower Upper
 88 100
 58 72.3 58.8 88.2
 43 31.1 22.2 33.4





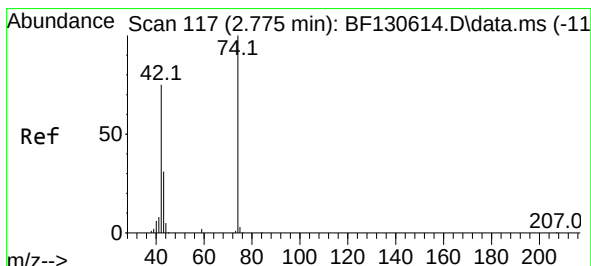
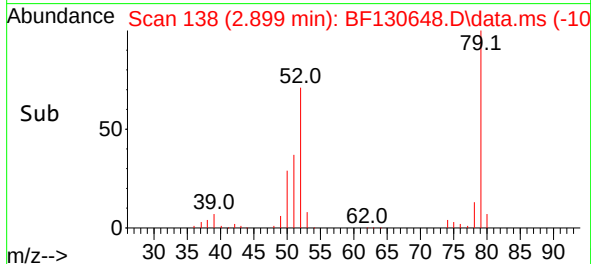
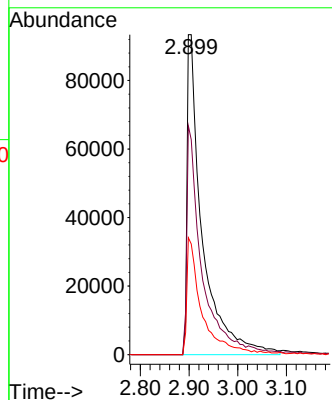
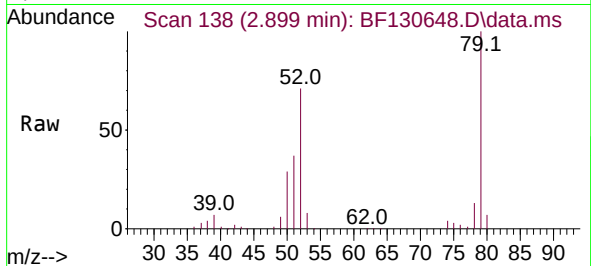
#3
Pyridine
Concen: 44.331 ng
RT: 2.899 min Scan# 131
Delta R.T. 0.088 min
Lab File: BF130648.D
Acq: 13 Oct 2022 15:43

Instrument :
BNA_F
ClientSampleId :
MOUNT-LAUREL-COMP-2-MOUNT-LAUREL-VOC-2MSD

Tgt Ion: 79 Resp: 202518
Ion Ratio Lower Upper
79 100
52 71.5 54.8 82.2
51 36.5 27.4 41.2

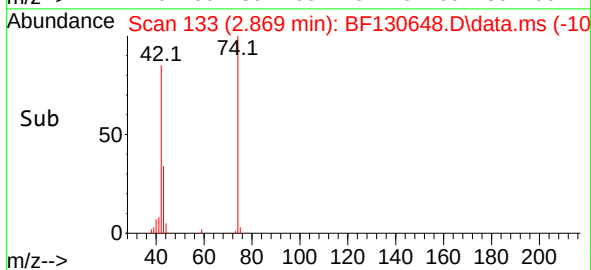
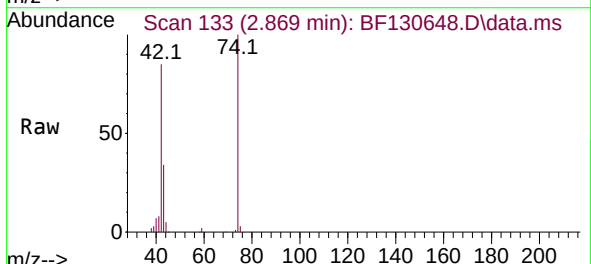
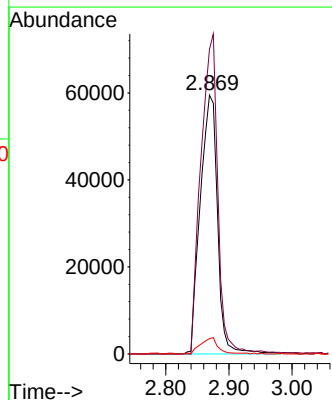
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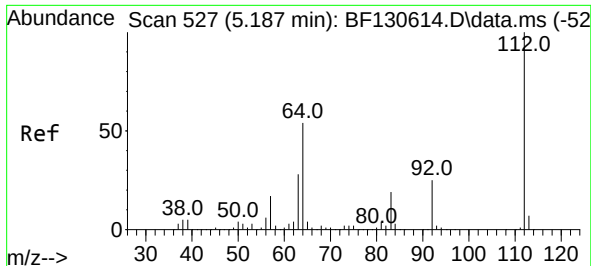
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#4
n-Nitrosodimethylamine
Concen: 52.450 ng
RT: 2.869 min Scan# 133
Delta R.T. 0.094 min
Lab File: BF130648.D
Acq: 13 Oct 2022 15:43

Tgt Ion: 42 Resp: 112892
Ion Ratio Lower Upper
42 100
74 117.7 106.2 159.2
44 5.9 5.0 7.4





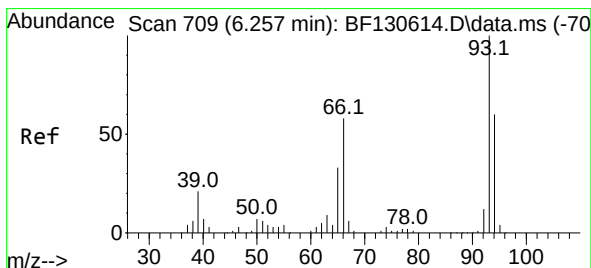
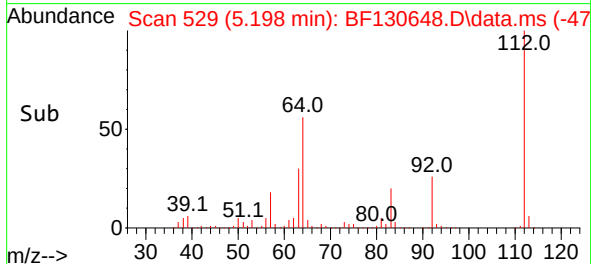
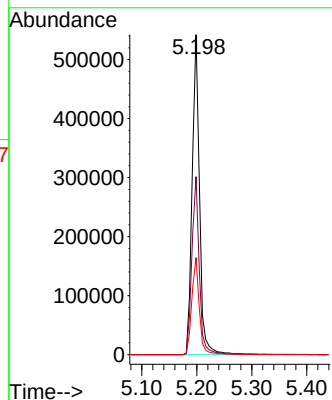
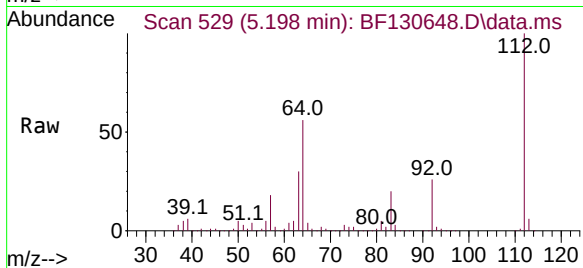
#5
2-Fluorophenol
Concen: 120.244 ng
RT: 5.198 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF130648.D
Acq: 13 Oct 2022 15:43

Instrument :
BNA_F
ClientSampleId :
MOUNT-LAUREL-COMP-2-MOUNT-LAUREL-VOC-2MSD

Tgt Ion:112 Resp: 50758
Ion Ratio Lower Upper
112 100
64 55.6 43.5 65.3
63 30.3 22.6 34.0

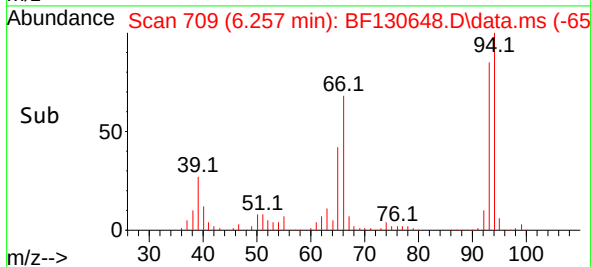
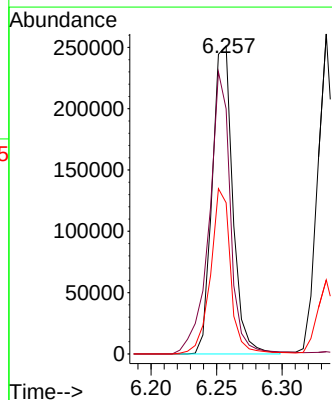
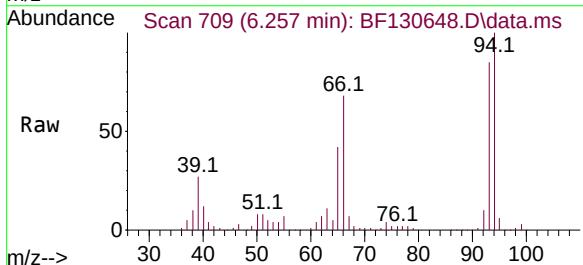
Manual Integrations
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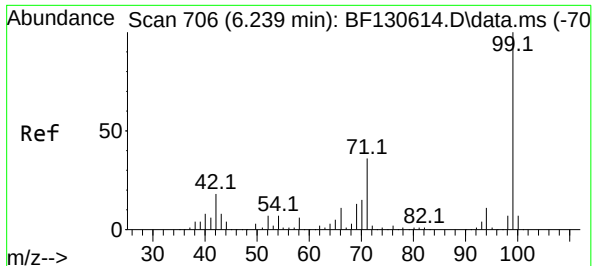
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#6
Aniline
Concen: 43.119 ng
RT: 6.257 min Scan# 709
Delta R.T. 0.000 min
Lab File: BF130648.D
Acq: 13 Oct 2022 15:43

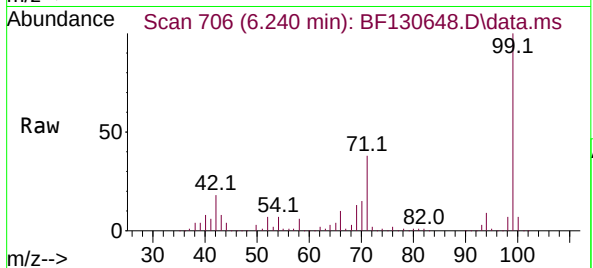
Tgt Ion: 93 Resp: 273984
Ion Ratio Lower Upper
93 100
66 79.5 47.4 71.0#
65 49.1 26.6 40.0#





#7
Phenol-d6
Concen: 120.151 ng
RT: 6.240 min Scan# 706
Delta R.T. 0.000 min
Lab File: BF130648.D
Acq: 13 Oct 2022 15:43

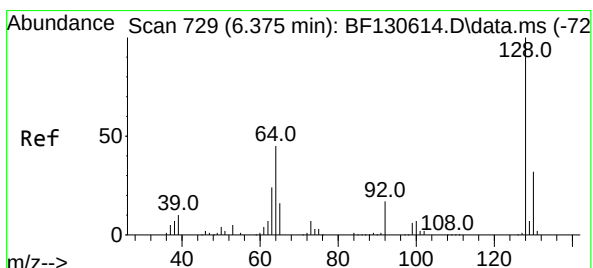
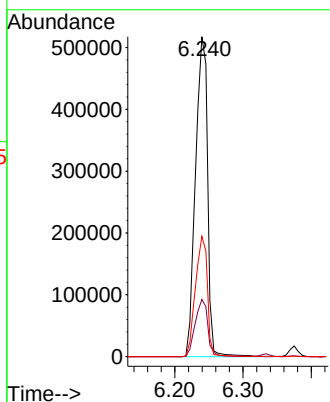
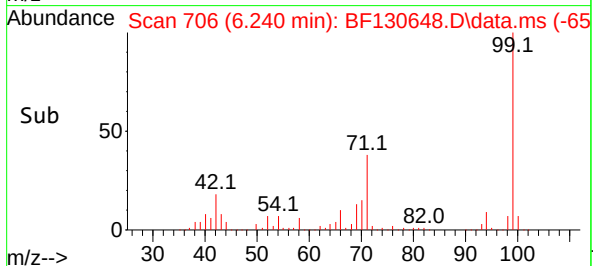
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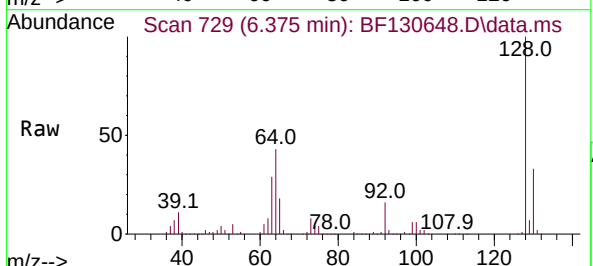
Tgt Ion: 99 Resp: 637683
Ion Ratio Lower Upper
99 100
42 17.9 14.0 21.0
71 37.6 28.8 43.2

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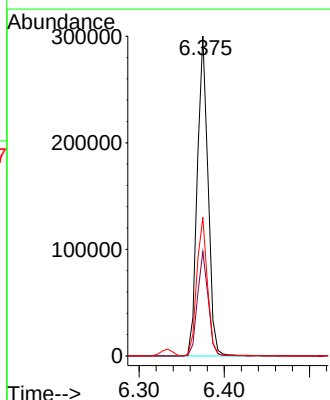
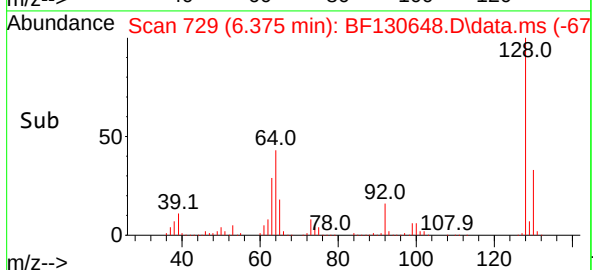
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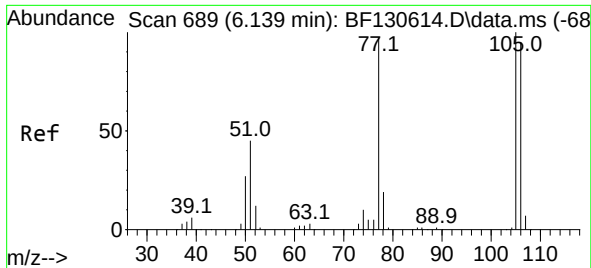


#8
2-Chlorophenol
Concen: 52.702 ng
RT: 6.375 min Scan# 729
Delta R.T. 0.000 min
Lab File: BF130648.D
Acq: 13 Oct 2022 15:43



Tgt Ion:128 Resp: 261625
Ion Ratio Lower Upper
128 100
130 32.6 12.4 52.4
64 43.3 25.9 65.9





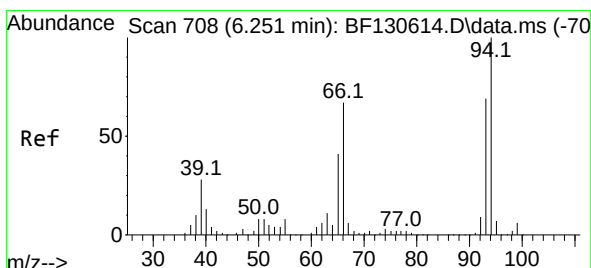
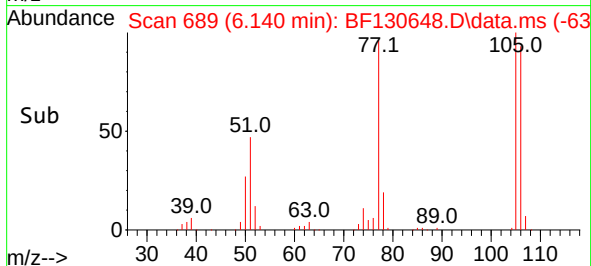
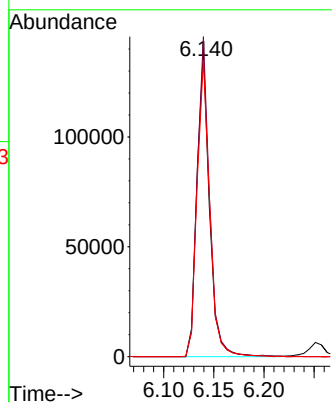
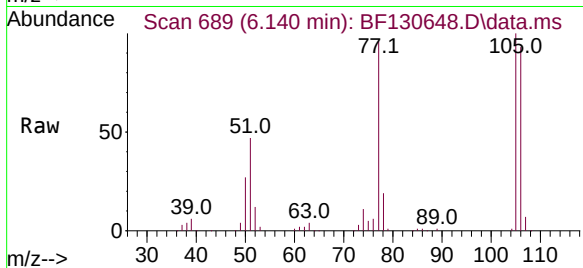
#9
Benzaldehyde
Concen: 36.173 ng
RT: 6.140 min Scan# 689
Delta R.T. 0.000 min
Lab File: BF130648.D
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Instrument : BNA_F
ClientSampleId : MOUNT-LAUREL-COMP-2-MOUNT-LAUREL-VOC-2MSD

Tgt Ion: 77 Resp: 120619
Ion Ratio Lower Upper
77 100
105 104.2 83.0 123.0
106 96.7 77.8 117.8

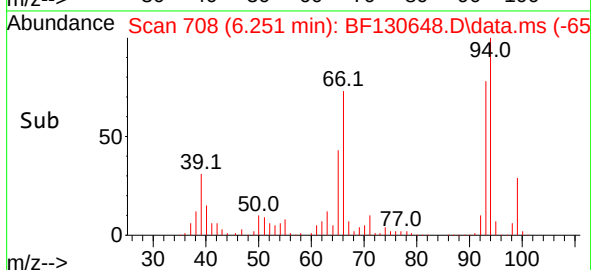
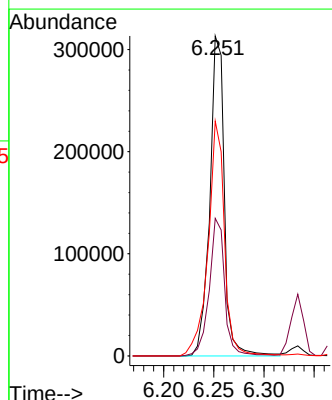
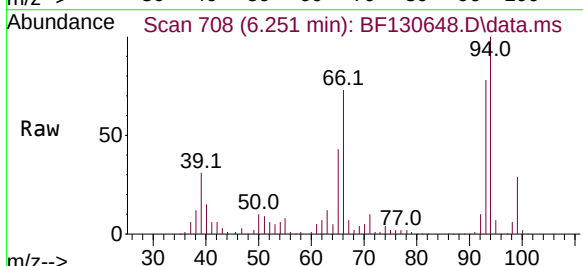
Manual Integrations
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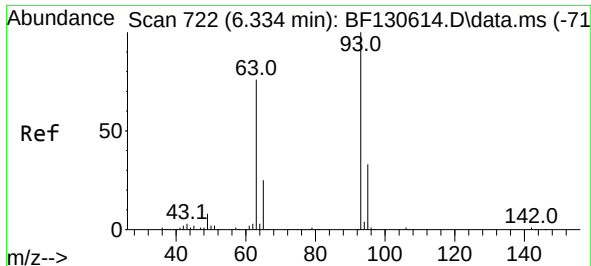
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#10
Phenol
Concen: 51.343 ng
RT: 6.251 min Scan# 708
Delta R.T. 0.000 min
Lab File: BF130648.D
Acq: 13 Oct 2022 15:43

Tgt Ion: 94 Resp: 315294
Ion Ratio Lower Upper
94 100
65 43.0 21.2 61.2
66 73.4 46.9 86.9





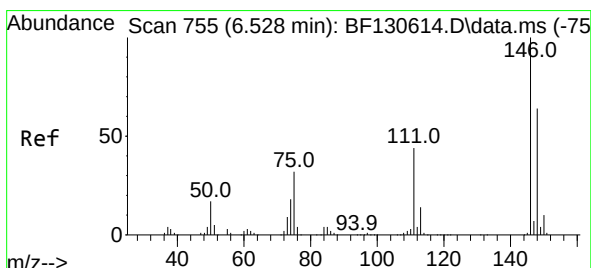
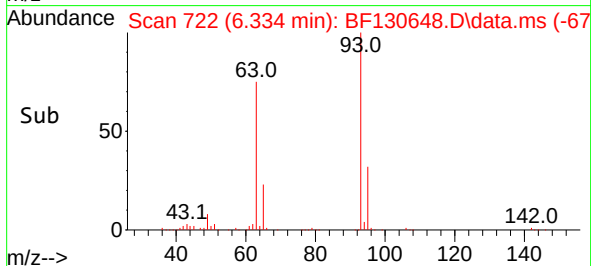
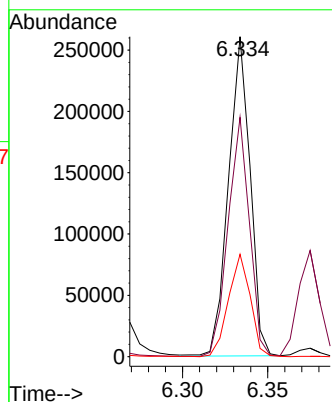
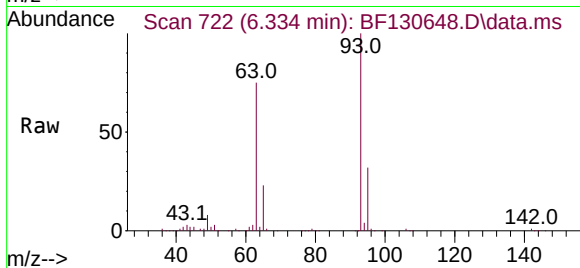
#11
bis(2-Chloroethyl)ether
Concen: 51.531 ng
RT: 6.334 min Scan# 722
Delta R.T. 0.000 min
Lab File: BF130648.D
Acq: 13 Oct 2022 15:43

Instrument :
BNA_F
ClientSampleId :
MOUNT-LAUREL-COMP-2-MOUNT-LAUREL-VOC-2MSD

Tgt Ion: 93 Resp: 22986
Ion Ratio Lower Upper
93 100
63 74.8 56.1 96.1
95 32.0 12.4 52.4

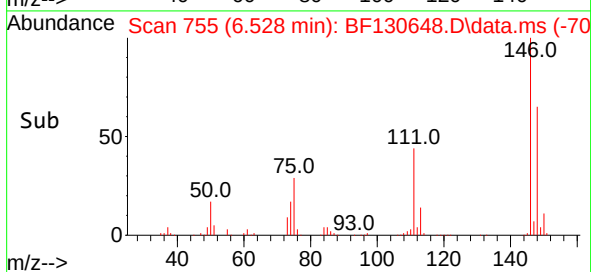
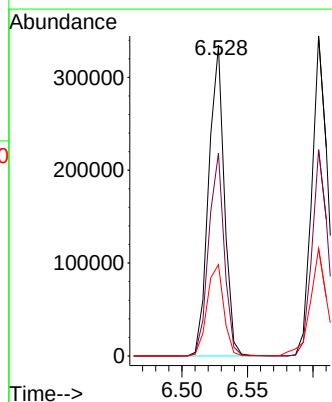
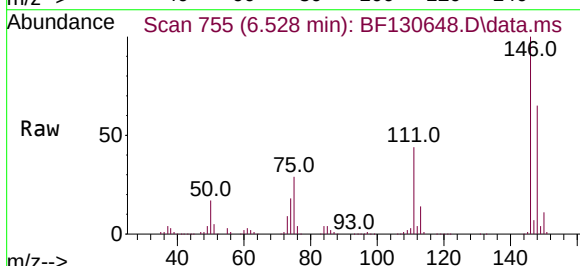
Manual Integrations
APPROVED

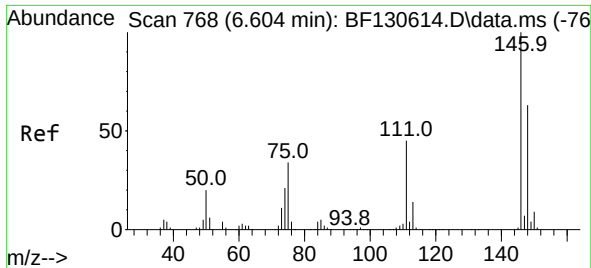
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#12
1,3-Dichlorobenzene
Concen: 50.833 ng
RT: 6.528 min Scan# 755
Delta R.T. 0.000 min
Lab File: BF130648.D
Acq: 13 Oct 2022 15:43

Tgt Ion:146 Resp: 276299
Ion Ratio Lower Upper
146 100
148 65.3 51.3 76.9
75 29.4 25.2 37.8





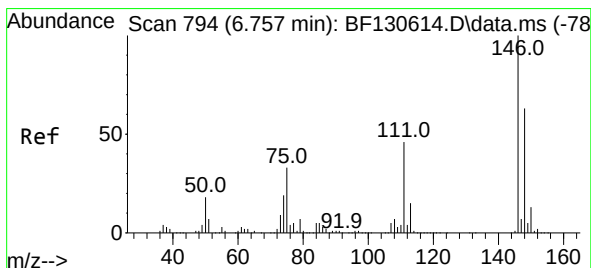
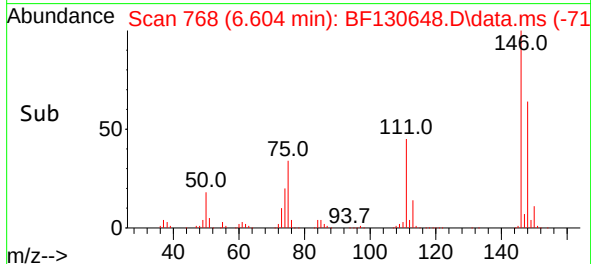
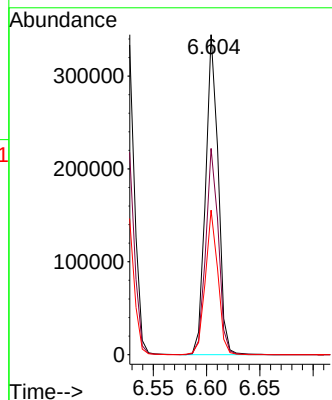
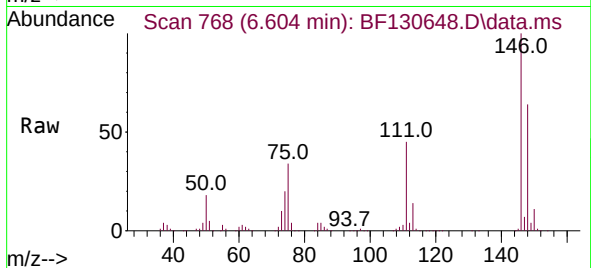
#13
1,4-Dichlorobenzene
Concen: 51.249 ng
RT: 6.604 min Scan# 768
Delta R.T. 0.000 min
Lab File: BF130648.D
Acq: 13 Oct 2022 15:43

Instrument :
BNA_F
ClientSampleId :
MOUNT-LAUREL-COMP-2-MOUNT-LAUREL-VOC-2MSD

Tgt Ion:146 Resp: 282595
Ion Ratio Lower Upper
146 100
148 64.4 50.1 75.1
111 45.1 35.9 53.9

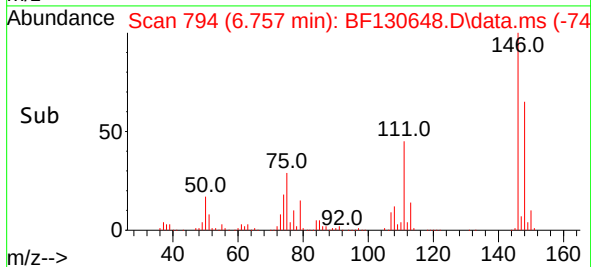
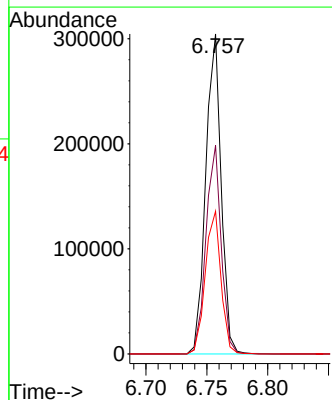
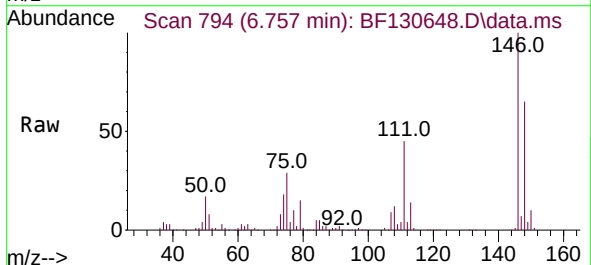
Manual Integrations
APPROVED

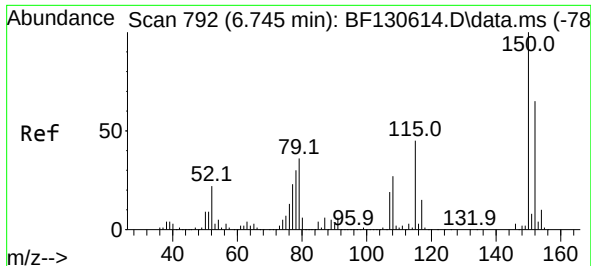
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#14
1,2-Dichlorobenzene
Concen: 52.349 ng
RT: 6.757 min Scan# 794
Delta R.T. 0.000 min
Lab File: BF130648.D
Acq: 13 Oct 2022 15:43

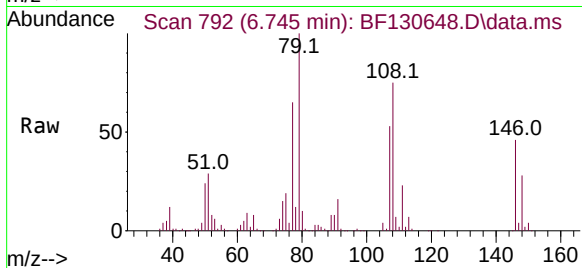
Tgt Ion:146 Resp: 268837
Ion Ratio Lower Upper
146 100
148 65.1 50.5 75.7
111 44.6 37.2 55.8





#15
Benzyl Alcohol
Concen: 53.285 ng
RT: 6.745 min Scan# 792
Delta R.T. 0.000 min
Lab File: BF130648.D
Acq: 13 Oct 2022 15:43

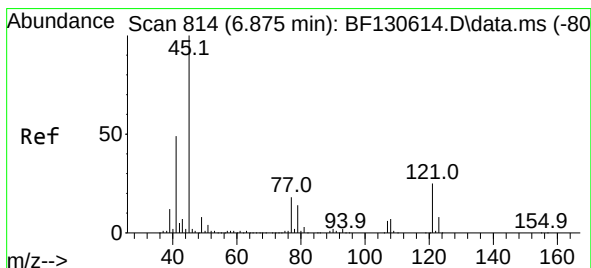
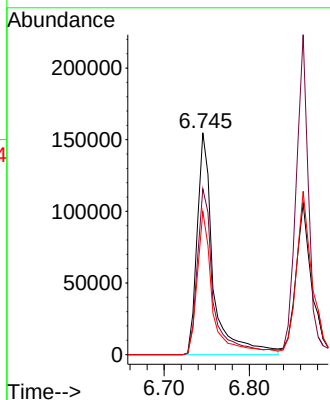
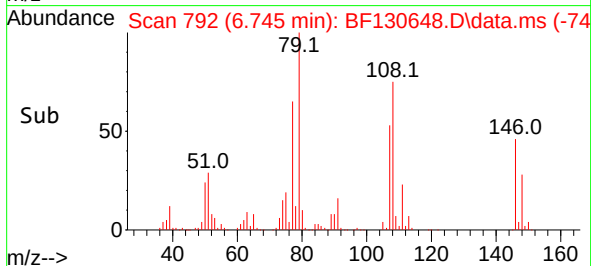
Instrument :
BNA_F
Client SampleId :
MOUNT-LAUREL-COMP-2-MOUNT-LAUREL-VOC-2MSD



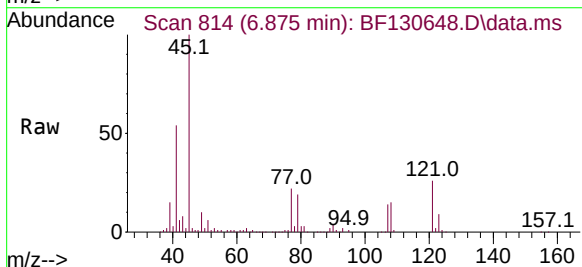
Tgt Ion: 79 Resp: 203039
Ion Ratio Lower Upper
79 100
108 74.7 59.7 89.5
77 64.5 51.8 77.6

Manual Integrations
APPROVED

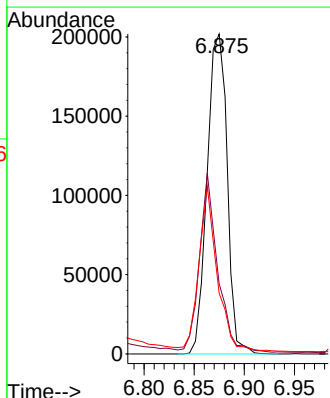
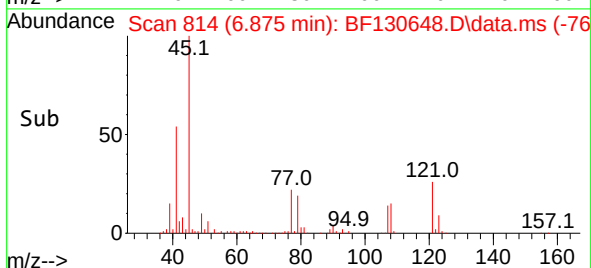
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022

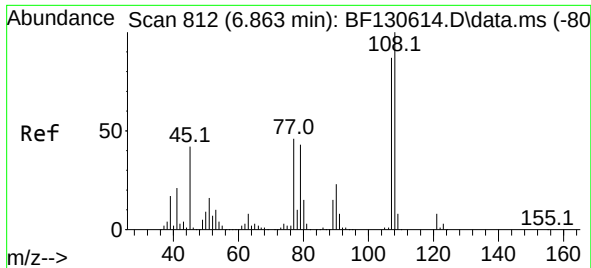


#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.807 ng
RT: 6.875 min Scan# 814
Delta R.T. 0.000 min
Lab File: BF130648.D
Acq: 13 Oct 2022 15:43



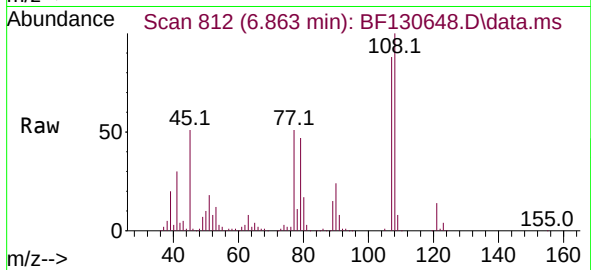
Tgt Ion: 45 Resp: 280099
Ion Ratio Lower Upper
45 100
77 21.9 0.0 38.7
79 18.9 0.0 34.6





#17
2-Methylphenol
Concen: 53.225 ng
RT: 6.863 min Scan# 812
Delta R.T. 0.000 min
Lab File: BF130648.D
Acq: 13 Oct 2022 15:43

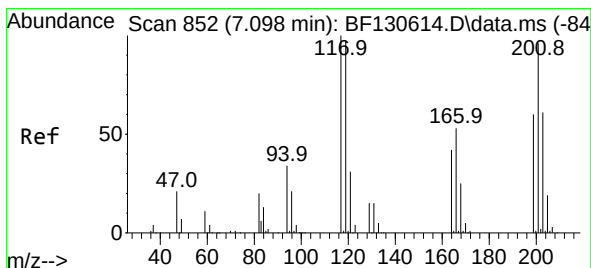
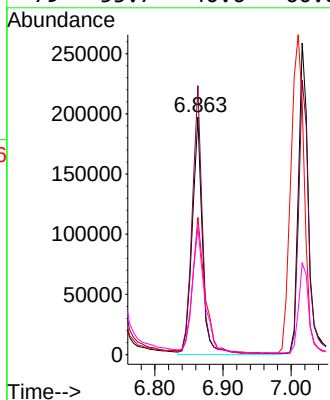
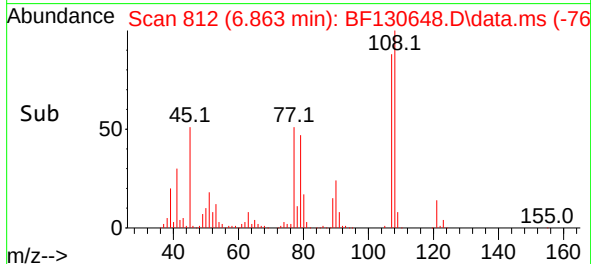
Instrument : BNA_F
Client Sample Id : MOUNT-LAUREL-COMP-2-MOUNT-LAUREL-VOC-2MSD



Tgt Ion:107 Resp: 210180
Ion Ratio Lower Upper
107 100
108 113.3 92.2 138.2
77 57.8 42.7 64.1
79 53.7 40.6 60.8

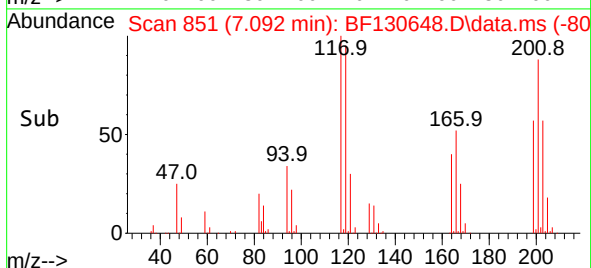
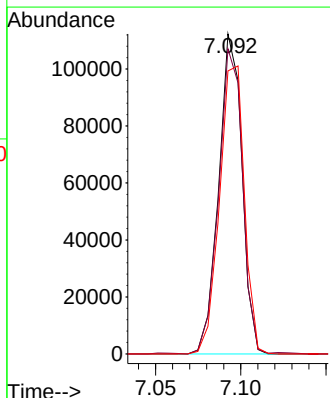
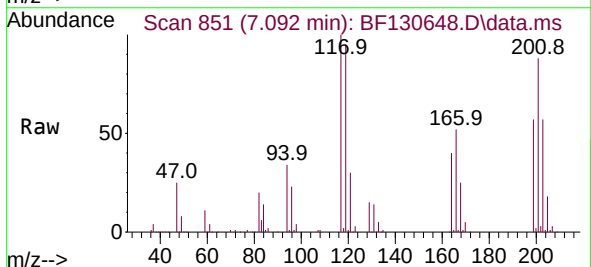
Manual Integrations
APPROVED

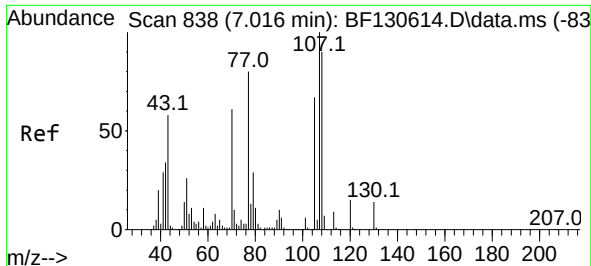
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#18
Hexachloroethane
Concen: 51.116 ng
RT: 7.092 min Scan# 851
Delta R.T. -0.006 min
Lab File: BF130648.D
Acq: 13 Oct 2022 15:43

Tgt Ion:117 Resp: 106632
Ion Ratio Lower Upper
117 100
119 95.3 77.6 116.4
201 88.4 77.0 115.6





#19

n-Nitroso-di-n-propylamine

Concen: 50.961 ng

RT: 7.016 min Scan# 838

Delta R.T. 0.000 min

Lab File: BF130648.D

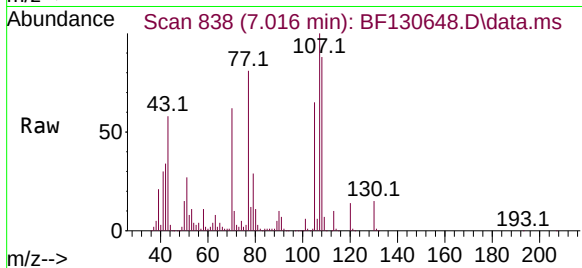
Acq: 13 Oct 2022 15:43

Instrument :

BNA_F

ClientSampleId :

MOUNT-LAUREL-COMP-2-MOUNT-LAUREL-VOC-2MSD



Tgt Ion: 70 Resp: 17450

Ion Ratio Lower Upper

70 100

42 54.8 44.3 66.5

101 10.4 7.9 11.9

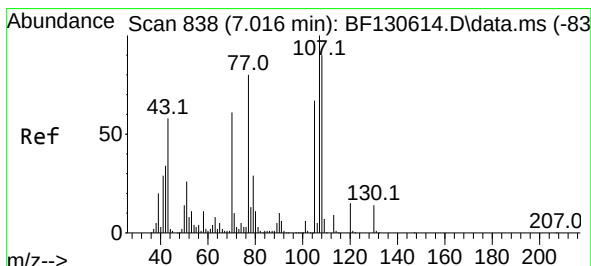
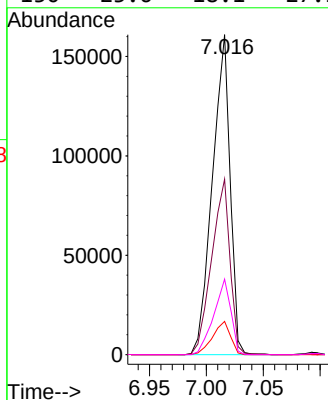
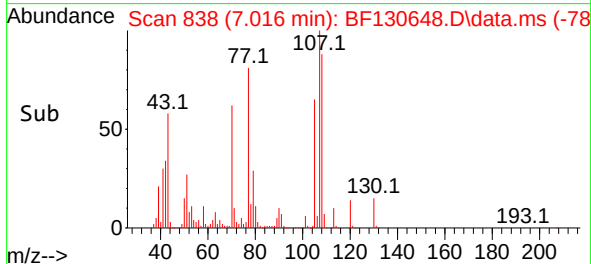
130 23.6 18.1 27.1

Manual Integrations

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Reviewed By :Christian Giraldo 10/14/2022

Supervised By :Jagrut Upadhyay 10/14/2022



#20

3+4-Methylphenols

Concen: 50.109 ng

RT: 7.016 min Scan# 838

Delta R.T. 0.000 min

Lab File: BF130648.D

Acq: 13 Oct 2022 15:43

Tgt Ion:107 Resp: 265147

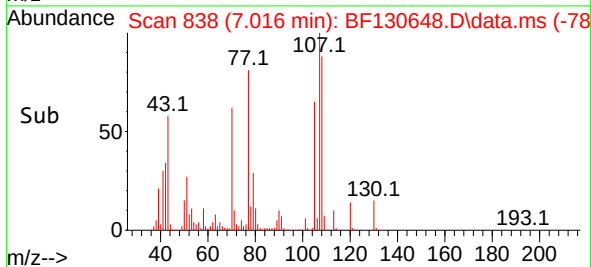
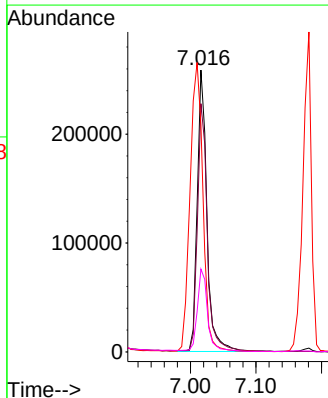
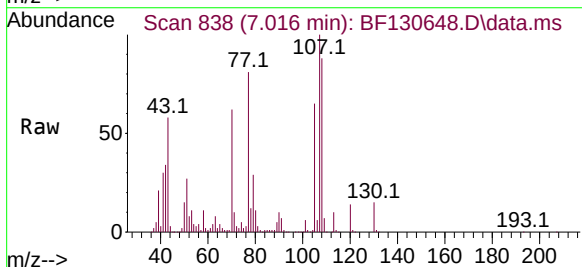
Ion Ratio Lower Upper

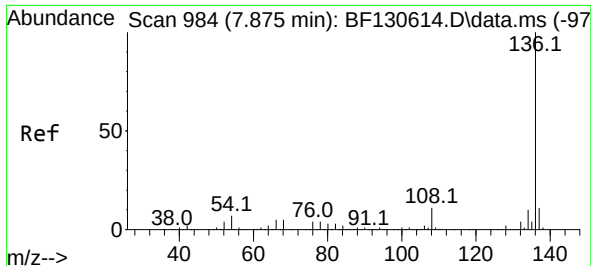
107 100

108 88.1 69.7 109.7

77 80.6 59.7 99.7

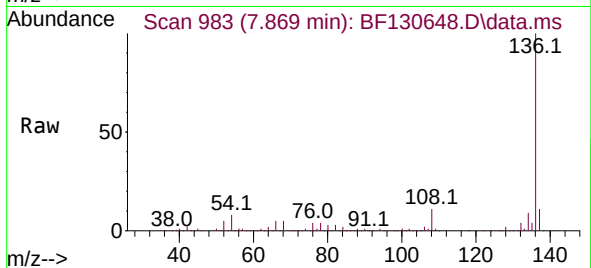
79 29.4 9.5 49.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.869 min Scan# 984
Delta R.T. -0.006 min
Lab File: BF130648.D
Acq: 13 Oct 2022 15:43

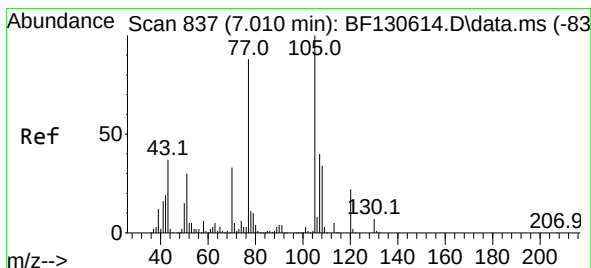
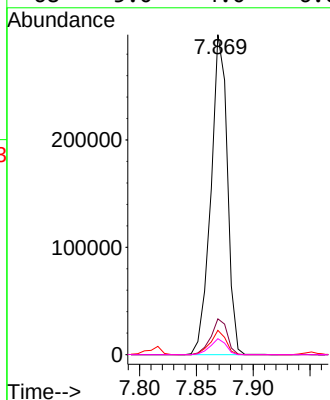
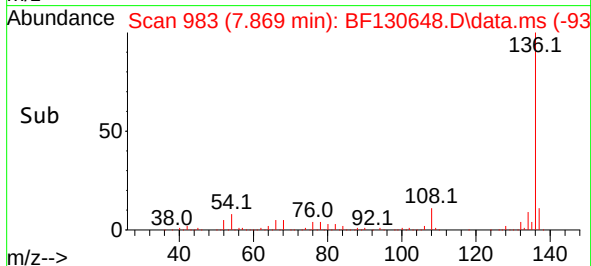
Instrument : BNA_F
ClientSampleId : MOUNT-LAUREL-COMP-2-MOUNT-LAUREL-VOC-2MSD



Tgt Ion:136 Resp: 300248
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 7.6 5.5 8.3
68 5.0 4.0 6.0

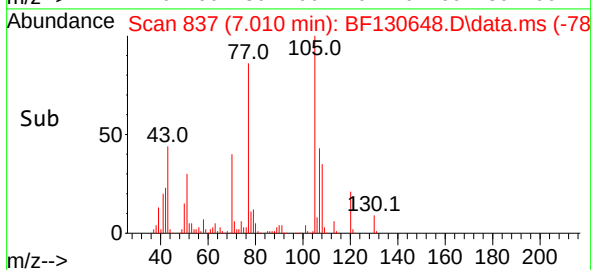
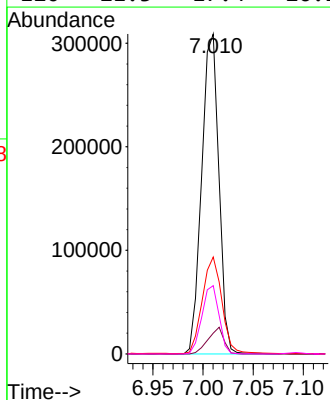
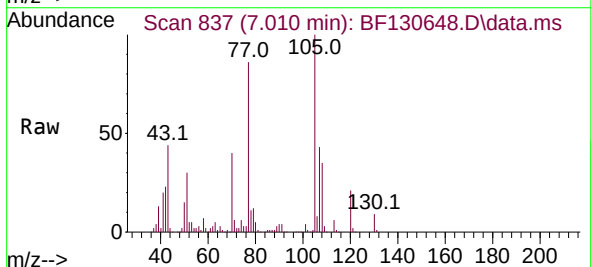
Manual Integrations
APPROVED

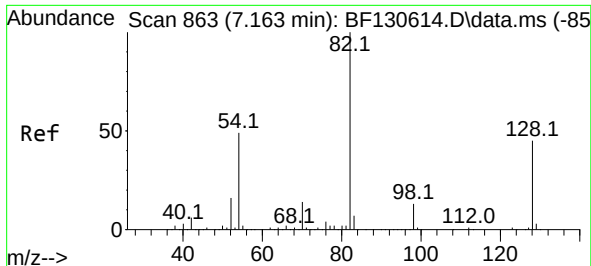
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#22
Acetophenone
Concen: 51.009 ng
RT: 7.010 min Scan# 837
Delta R.T. 0.000 min
Lab File: BF130648.D
Acq: 13 Oct 2022 15:43

Tgt Ion:105 Resp: 367394
Ion Ratio Lower Upper
105 100
71 6.5 4.2 6.4#
51 30.3 24.3 36.5
120 21.3 17.4 26.2





#23

Nitrobenzene-d5

Concen: 70.192 ng

RT: 7.163 min Scan# 863

Delta R.T. 0.000 min

Lab File: BF130648.D

Acq: 13 Oct 2022 15:43

Instrument :

BNA_F

ClientSampleId :

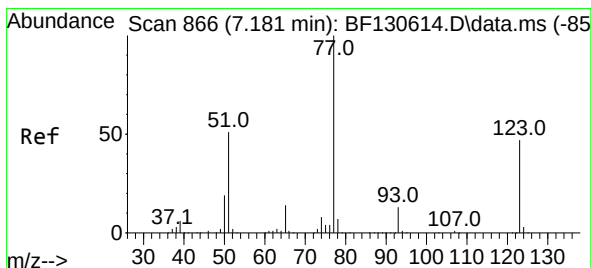
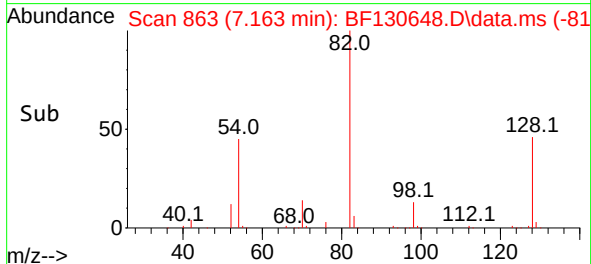
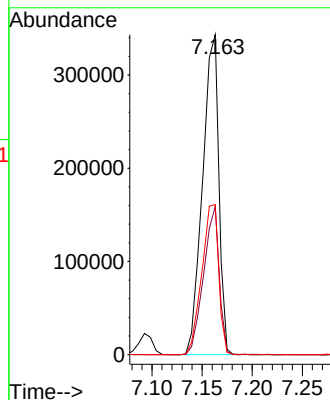
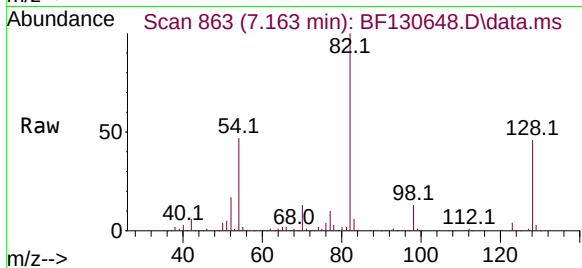
MOUNT-LAUREL-COMP-2-MOUNT-LAUREL-VOC-2MSD

Tgt Ion: 82 Resp: 386053
 Ion Ratio Lower Upper
 82 100
 128 46.2 35.8 53.6
 54 46.9 39.3 58.9

Manual Integrations

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



#24

Nitrobenzene

Concen: 48.267 ng

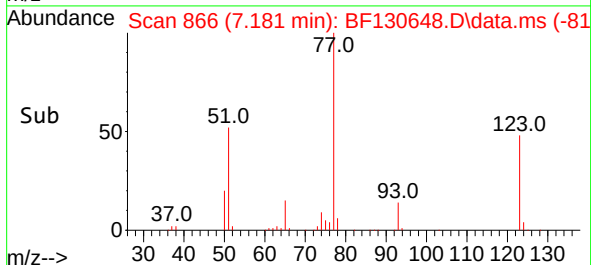
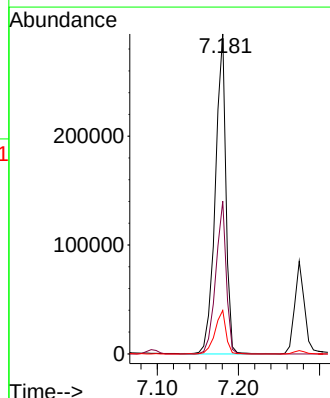
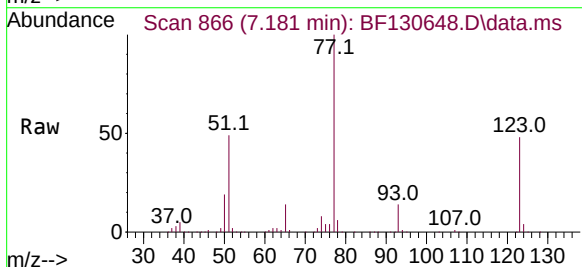
RT: 7.181 min Scan# 866

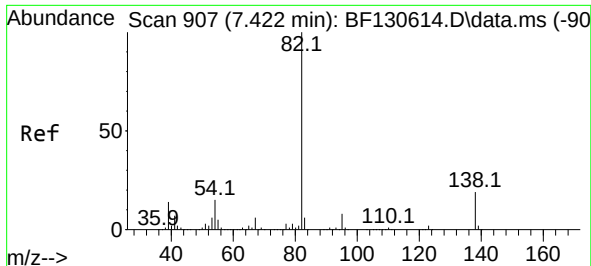
Delta R.T. 0.000 min

Lab File: BF130648.D

Acq: 13 Oct 2022 15:43

Tgt Ion: 77 Resp: 266968
 Ion Ratio Lower Upper
 77 100
 123 47.7 37.5 56.3
 65 13.6 11.0 16.4





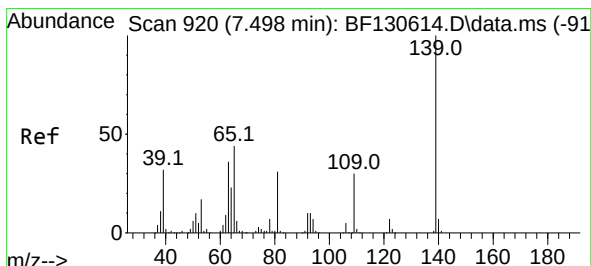
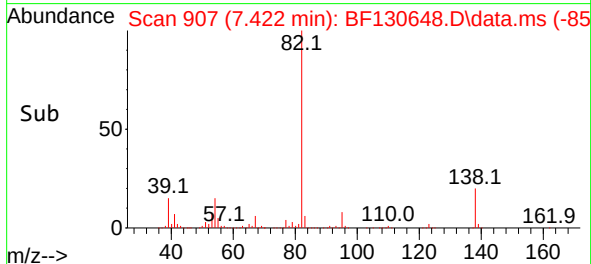
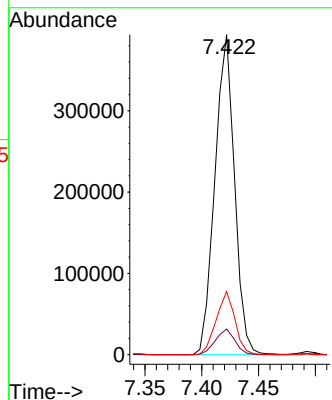
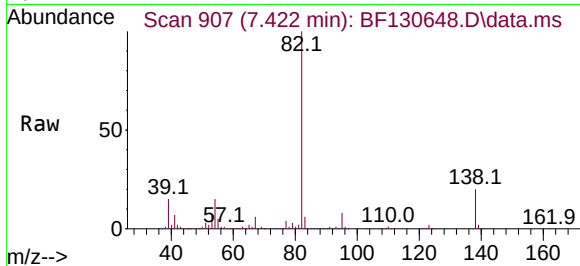
#25
Isophorone
Concen: 51.677 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.000 min
Lab File: BF130648.D
Acq: 13 Oct 2022 15:43

Instrument :
BNA_F
Client Sample Id :
MOUNT-LAUREL-COMP-2-MOUNT-LAUREL-VOC-2MSD

Tgt Ion: 82 Resp: 473043
Ion Ratio Lower Upper
82 100
95 8.0 6.1 9.1
138 19.7 14.9 22.3

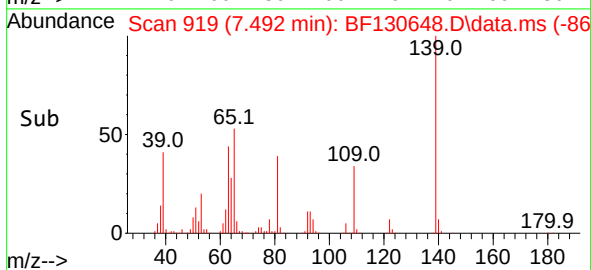
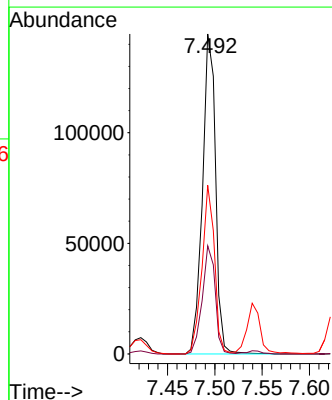
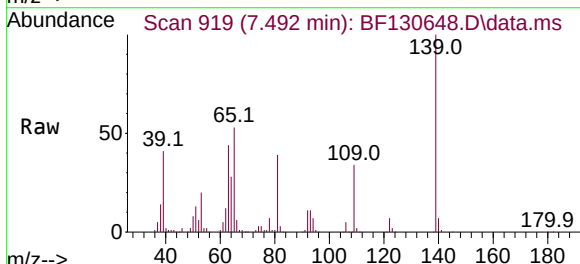
Manual Integrations
APPROVED

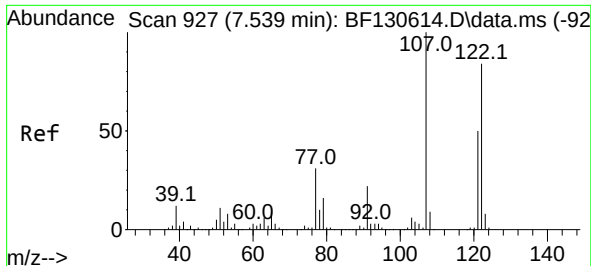
Reviewed By : Christian Giraldo 10/14/2022
Supervised By : Jagrut Upadhyay 10/14/2022



#26
2-Nitrophenol
Concen: 51.339 ng
RT: 7.492 min Scan# 919
Delta R.T. -0.006 min
Lab File: BF130648.D
Acq: 13 Oct 2022 15:43

Tgt Ion: 139 Resp: 139256
Ion Ratio Lower Upper
139 100
109 33.8 23.9 35.9
65 52.7 34.9 52.3





#27

2,4-Dimethylphenol

Concen: 58.445 ng

RT: 7.540 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF130648.D

Acq: 13 Oct 2022 15:43

Instrument :

BNA_F

ClientSampleId :

MOUNT-LAUREL-COMP-2-MOUNT-LAUREL-VOC-2MSD

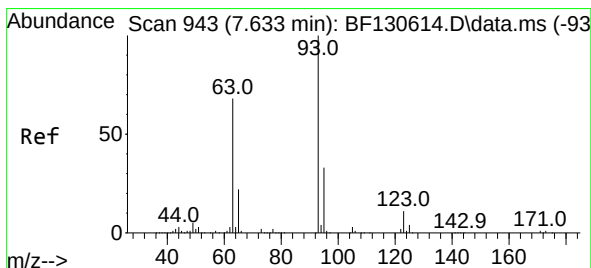
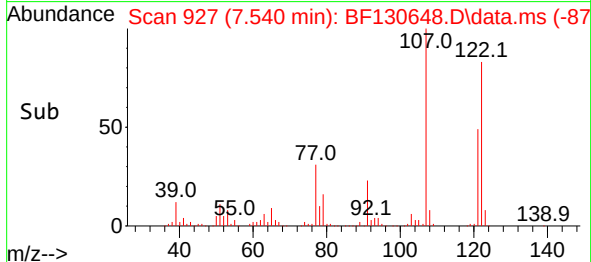
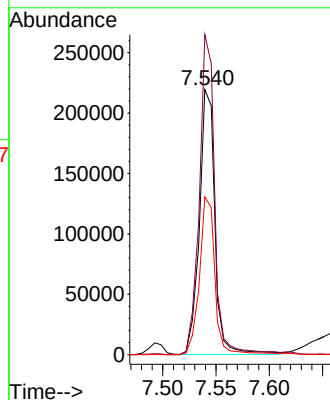
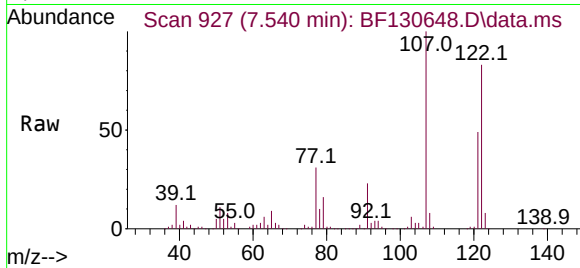
Tgt Ion:	122	Resp:	220953
Ion	Ratio	Lower	Upper
122	100		
107	120.7	94.9	142.3
121	59.5	47.1	70.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/14/2022

Supervised By :Jagrut Upadhyay 10/14/2022



#28

bis(2-Chloroethoxy)methane

Concen: 53.798 ng

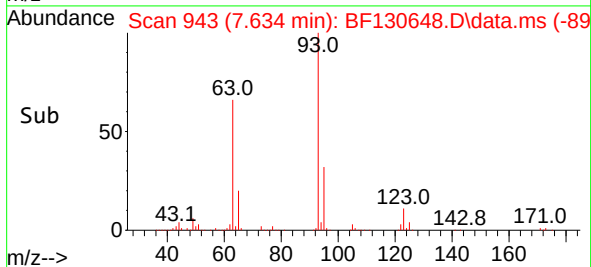
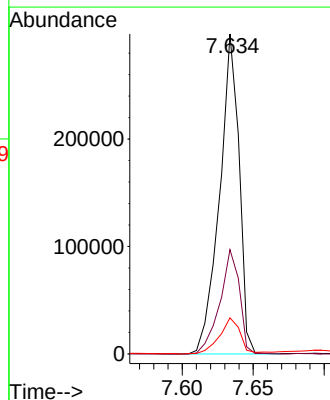
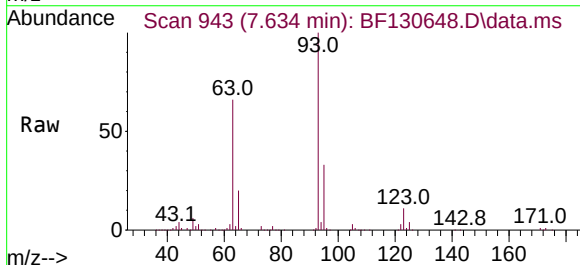
RT: 7.634 min Scan# 943

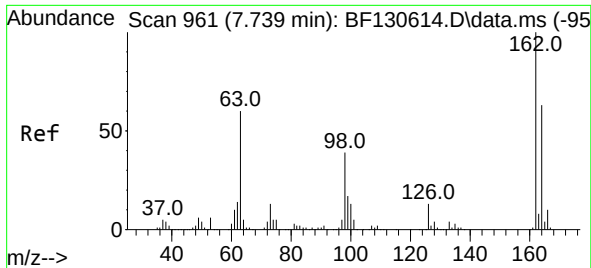
Delta R.T. 0.001 min

Lab File: BF130648.D

Acq: 13 Oct 2022 15:43

Tgt Ion:	93	Resp:	285149
Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.4	39.6
123	11.3	9.1	13.7





#29

2,4-Dichlorophenol

Concen: 52.014 ng

RT: 7.739 min Scan# 961

Delta R.T. 0.000 min

Lab File: BF130648.D

Acq: 13 Oct 2022 15:43

Instrument :

BNA_F

ClientSampleId :

MOUNT-LAUREL-COMP-2-MOUNT-LAUREL-VOC-2MSD

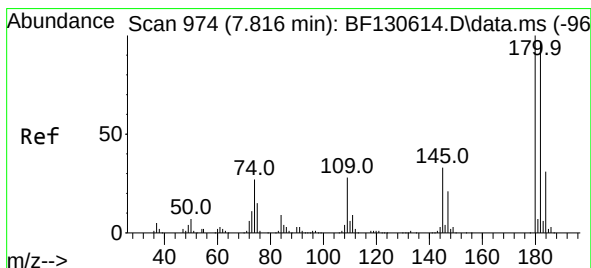
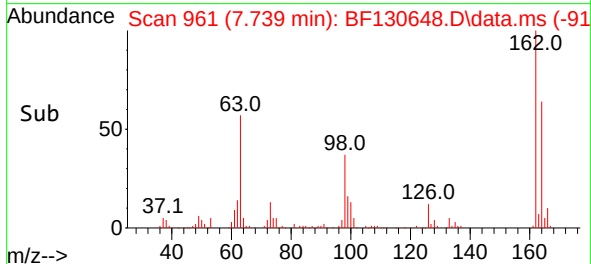
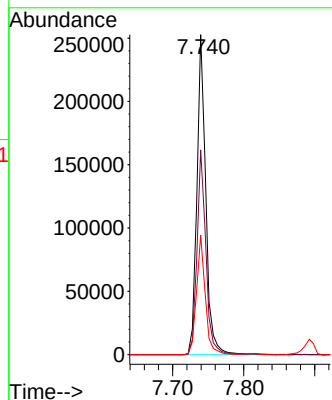
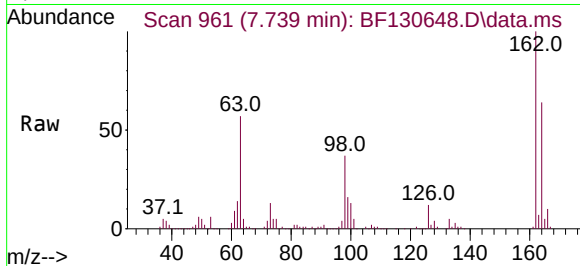
Tgt Ion:162	Resp: 220008
Ion Ratio	Lower Upper
162 100	
164 64.0	42.8 82.8
98 37.4	18.6 58.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/14/2022

Supervised By :Jagrut Upadhyay 10/14/2022



#30

1,2,4-Trichlorobenzene

Concen: 50.254 ng

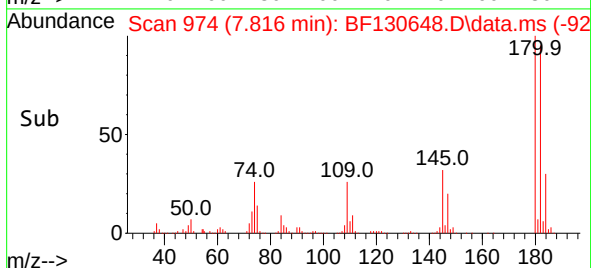
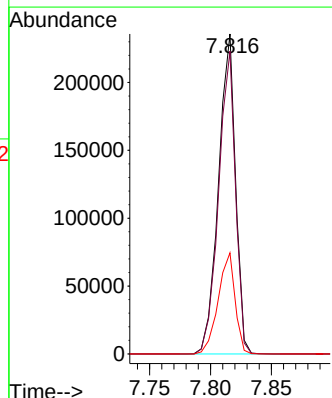
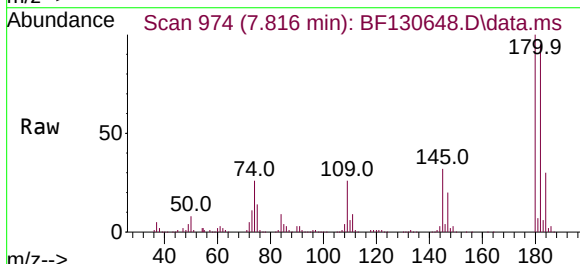
RT: 7.816 min Scan# 974

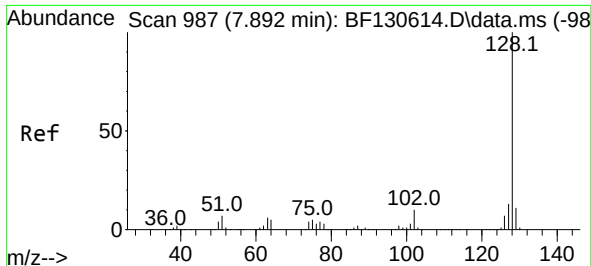
Delta R.T. 0.000 min

Lab File: BF130648.D

Acq: 13 Oct 2022 15:43

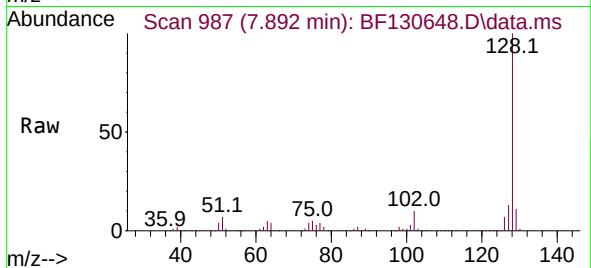
Tgt Ion:180	Resp: 229156
Ion Ratio	Lower Upper
180 100	
182 94.6	78.0 117.0
145 31.6	26.7 40.1





#31
Naphthalene
Concen: 48.136 ng
RT: 7.892 min Scan# 987
Delta R.T. 0.000 min
Lab File: BF130648.D
Acq: 13 Oct 2022 15:43

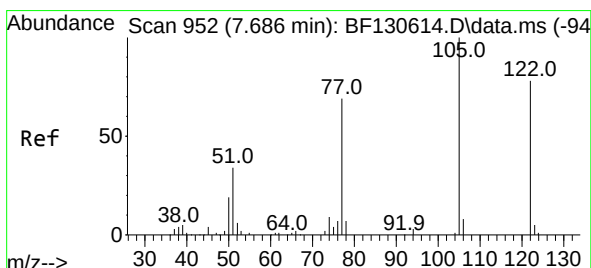
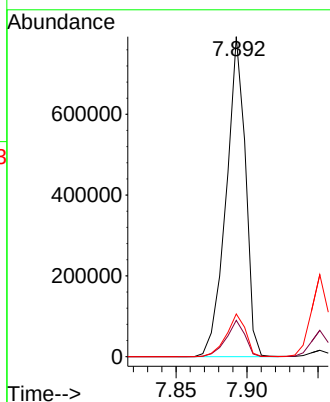
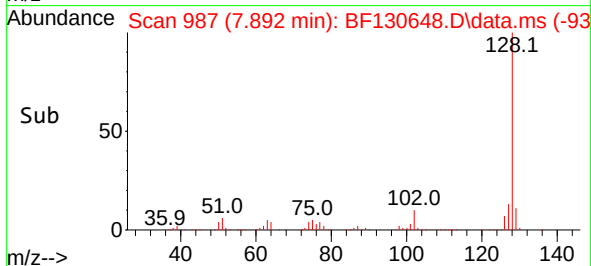
Instrument : BNA_F
Client Sample Id : MOUNT-LAUREL-COMP-2-MOUNT-LAUREL-VOC-2MSD



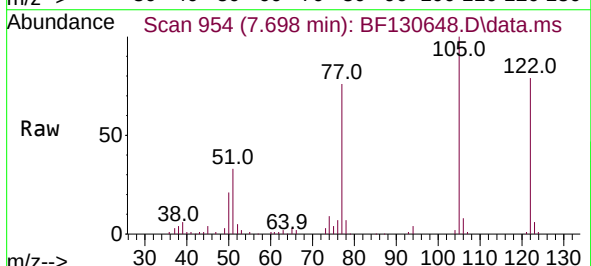
Tgt Ion:128 Resp: 74814
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.4
127 13.3 10.3 15.5

Manual Integrations
APPROVED

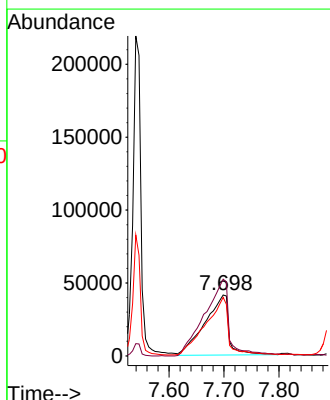
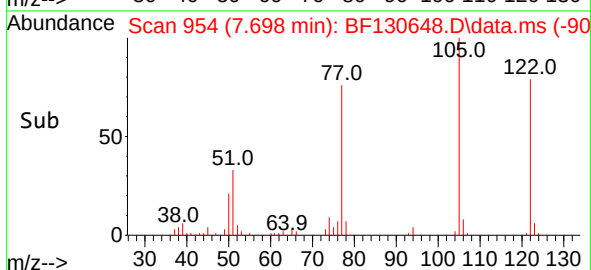
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022

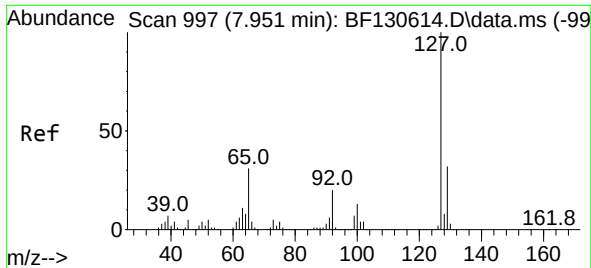


#32
Benzoic acid
Concen: 52.632 ng
RT: 7.698 min Scan# 954
Delta R.T. 0.012 min
Lab File: BF130648.D
Acq: 13 Oct 2022 15:43



Tgt Ion:122 Resp: 125879
Ion Ratio Lower Upper
122 100
105 126.0 104.8 144.8
77 96.0 68.2 108.2





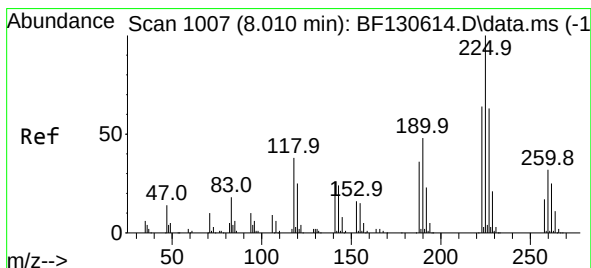
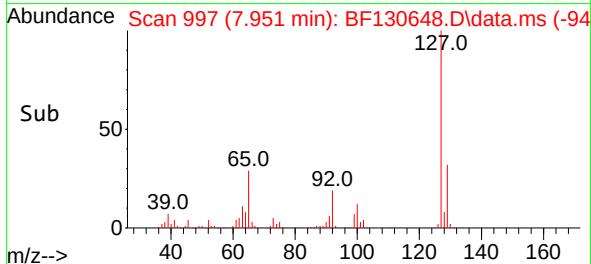
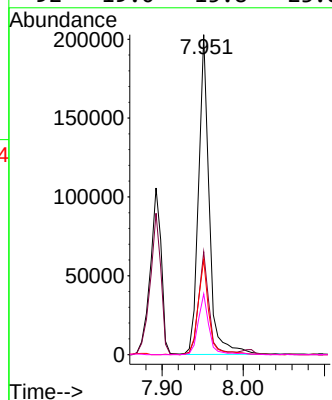
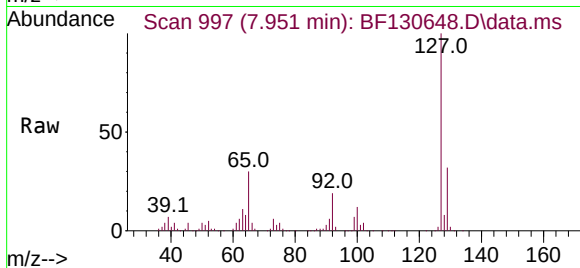
#33
4-Chloroaniline
Concen: 30.756 ng
RT: 7.951 min Scan# 997
Delta R.T. 0.000 min
Lab File: BF130648.D
Acq: 13 Oct 2022 15:43

Instrument :
BNA_F
ClientSampleId :
MOUNT-LAUREL-COMP-2-MOUNT-LAUREL-VOC-2MSD

Tgt Ion:	127	Resp:	185173
Ion Ratio	Lower	Upper	
127	100		
129	32.2	25.7	38.5
65	29.7	24.7	37.1
92	19.0	15.8	23.8

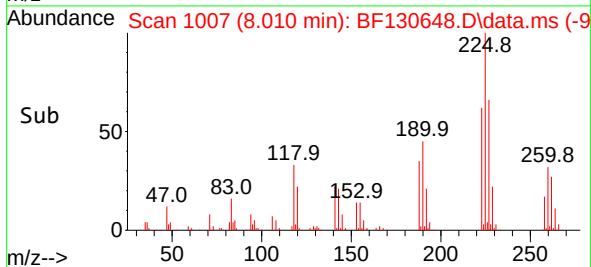
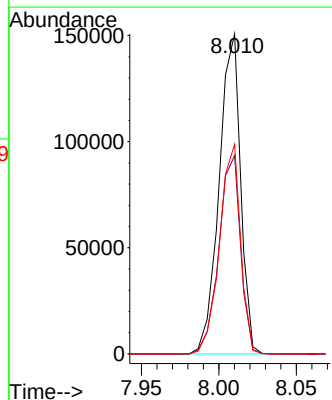
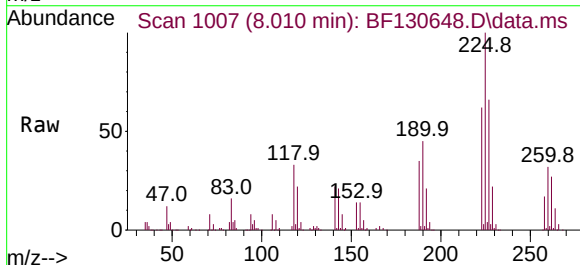
Manual Integrations
APPROVED

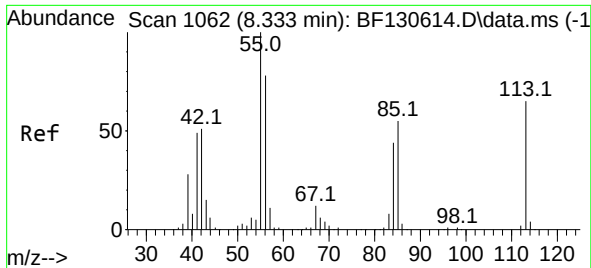
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#34
Hexachlorobutadiene
Concen: 51.252 ng
RT: 8.010 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BF130648.D
Acq: 13 Oct 2022 15:43

Tgt Ion:	225	Resp:	145054
Ion Ratio	Lower	Upper	
225	100		
223	62.0	51.5	77.3
227	65.5	50.4	75.6





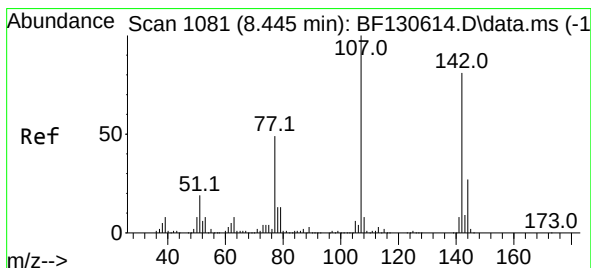
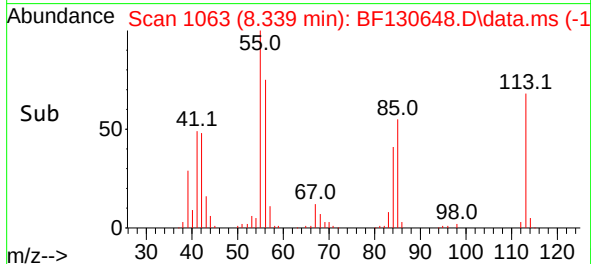
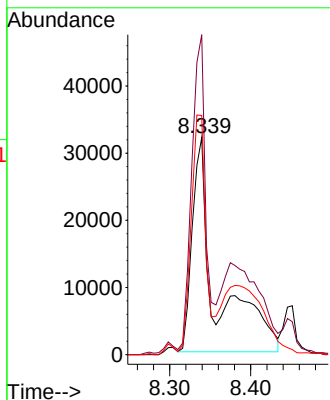
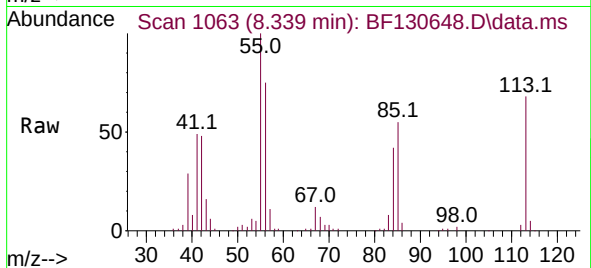
#35
Caprolactam
Concen: 51.552 ng m
RT: 8.339 min Scan# 1062
Delta R.T. 0.006 min
Lab File: BF130648.D
Acq: 13 Oct 2022 15:43

Instrument :
BNA_F
ClientSampleId :
MOUNT-LAUREL-COMP-2-MOUNT-LAUREL-VOC-2MSD

Tgt Ion:113 Resp: 65606
Ion Ratio Lower Upper
113 100
55 147.5 134.3 174.3
56 110.1 101.0 141.0

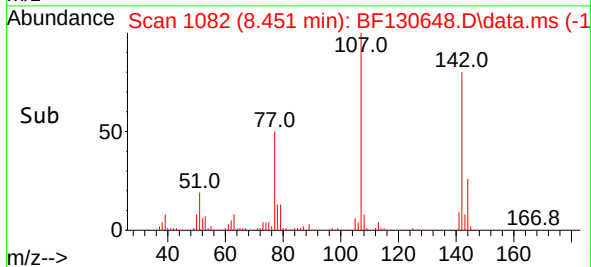
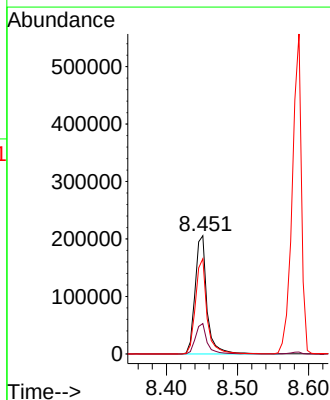
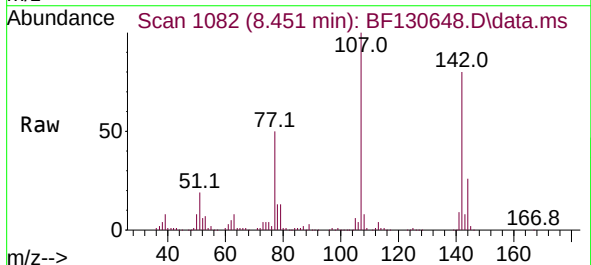
Manual Integrations
APPROVED

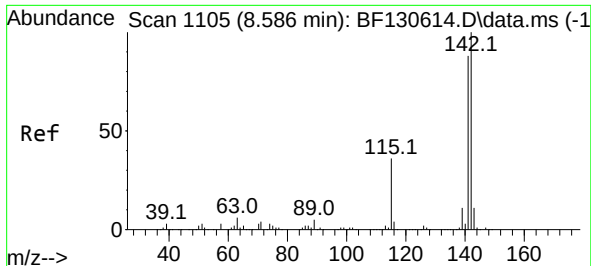
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#36
4-Chloro-3-methylphenol
Concen: 51.486 ng
RT: 8.451 min Scan# 1082
Delta R.T. 0.006 min
Lab File: BF130648.D
Acq: 13 Oct 2022 15:43

Tgt Ion:107 Resp: 236218
Ion Ratio Lower Upper
107 100
144 25.6 21.9 32.9
142 80.5 64.6 96.8





#37

2-Methylnaphthalene

Concen: 51.055 ng

RT: 8.586 min Scan# 1105

Delta R.T. 0.000 min

Lab File: BF130648.D

Acq: 13 Oct 2022 15:43

Instrument :

BNA_F

ClientSampleId :

MOUNT-LAUREL-COMP-2-MOUNT-LAUREL-VOC-2MSD

Tgt Ion:142 Resp: 49935

Ion Ratio Lower Upper

142 100

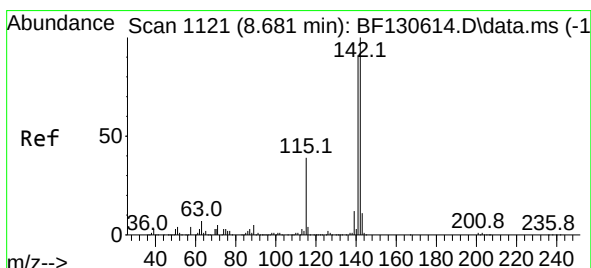
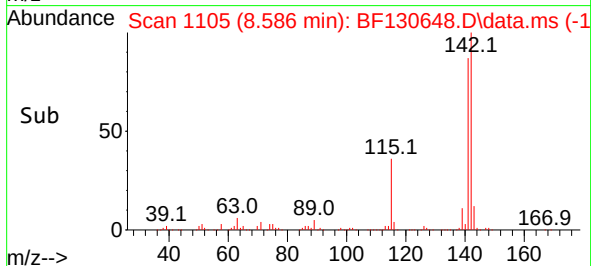
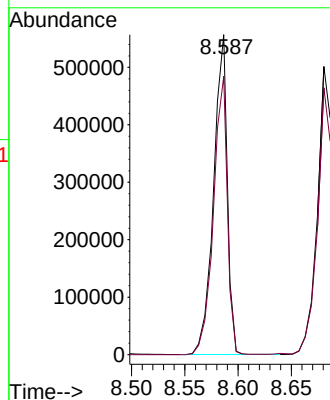
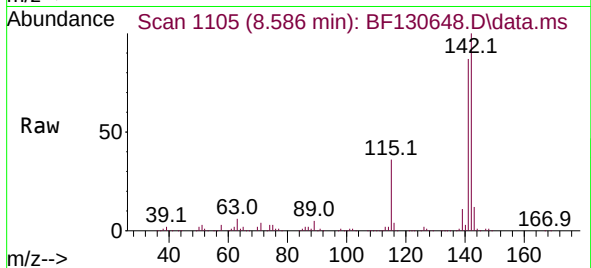
141 87.0 70.7 106.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/14/2022

Supervised By :Jagrut Upadhyay 10/14/2022



#38

1-Methylnaphthalene

Concen: 49.969 ng

RT: 8.681 min Scan# 1121

Delta R.T. 0.000 min

Lab File: BF130648.D

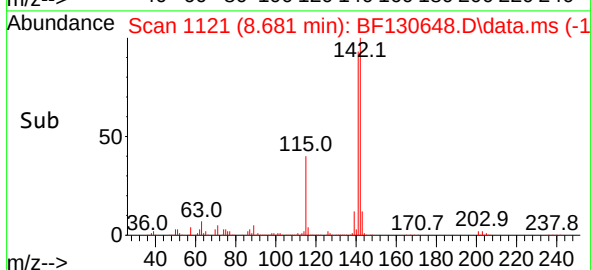
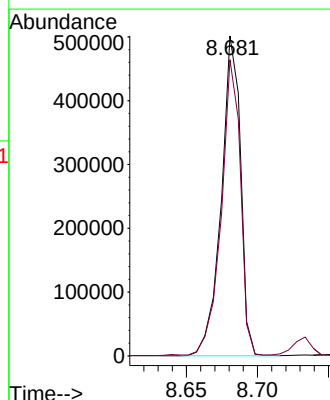
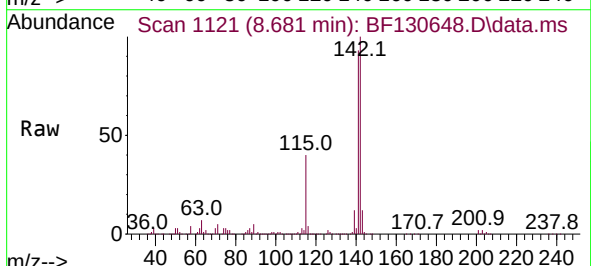
Acq: 13 Oct 2022 15:43

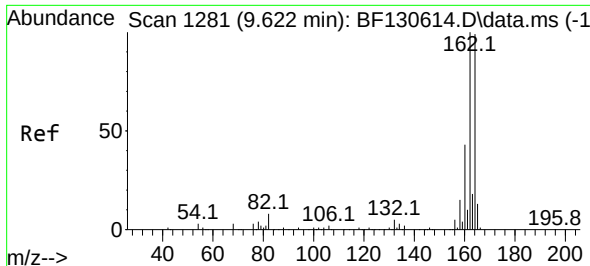
Tgt Ion:142 Resp: 474446

Ion Ratio Lower Upper

142 100

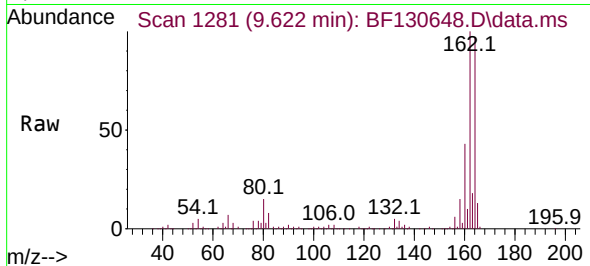
141 92.6 72.6 108.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.000 min
Lab File: BF130648.D
Acq: 13 Oct 2022 15:43

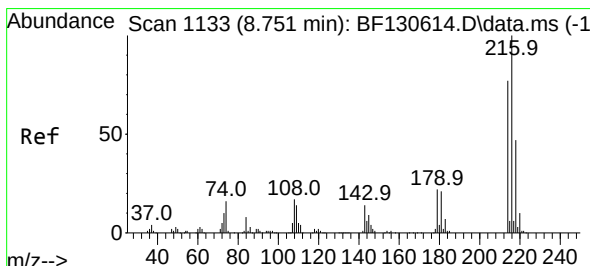
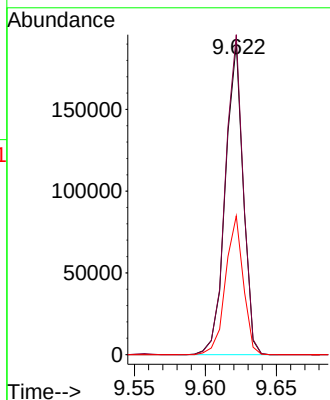
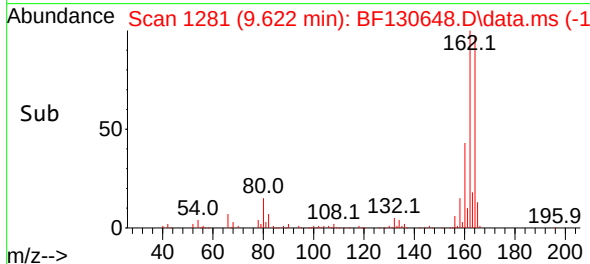
Instrument : BNA_F
ClientSampleId : MOUNT-LAUREL-COMP-2-MOUNT-LAUREL-VOC-2MSD



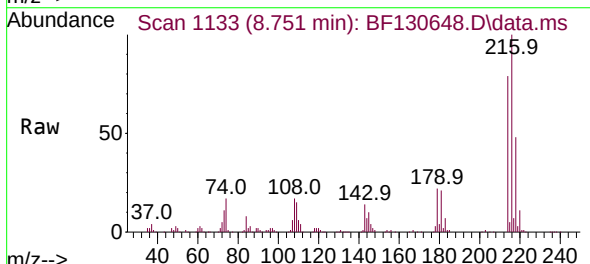
Tgt Ion:164 Resp: 166529
Ion Ratio Lower Upper
164 100
162 102.7 81.0 121.4
160 44.5 34.5 51.7

Manual Integrations
APPROVED

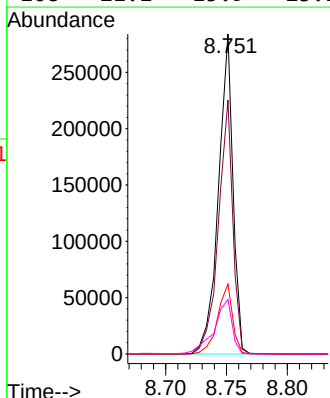
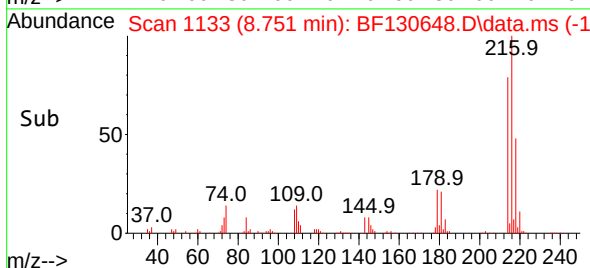
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022

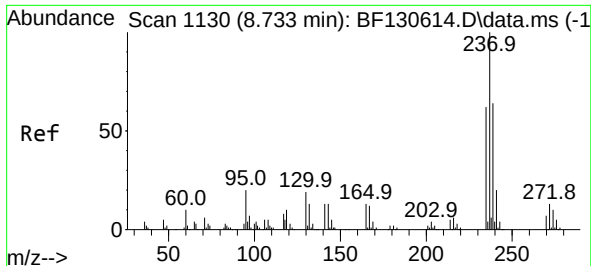


#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.372 ng
RT: 8.751 min Scan# 1133
Delta R.T. 0.000 min
Lab File: BF130648.D
Acq: 13 Oct 2022 15:43



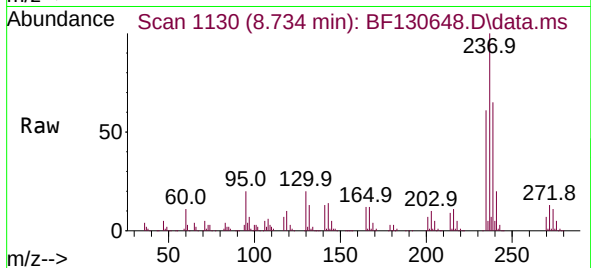
Tgt Ion:216 Resp: 236624
Ion Ratio Lower Upper
216 100
214 78.7 62.1 93.1
179 22.4 18.6 27.8
108 21.1 15.9 23.9





#41
Hexachlorocyclopentadiene
Concen: 109.952 ng
RT: 8.734 min Scan# 1130
Delta R.T. 0.001 min
Lab File: BF130648.D
Acq: 13 Oct 2022 15:43

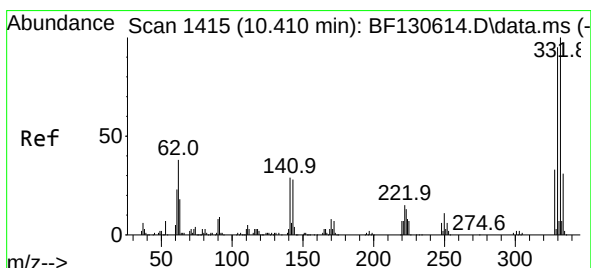
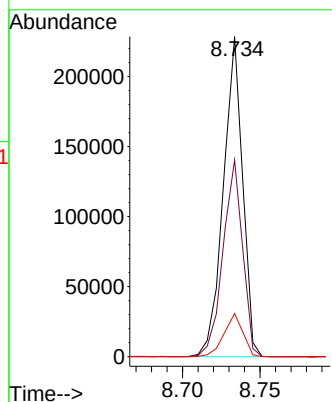
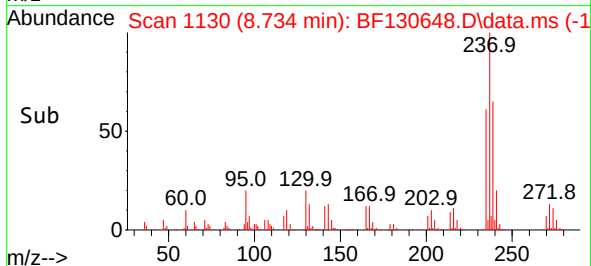
Instrument :
BNA_F
ClientSampleId :
MOUNT-LAUREL-COMP-2-MOUNT-LAUREL-VOC-2MSD



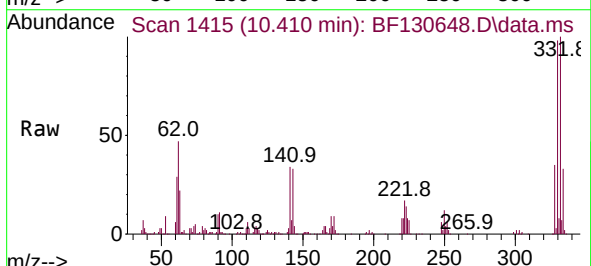
Tgt Ion:237 Resp: 197225
Ion Ratio Lower Upper
237 100
235 61.5 42.2 82.2
272 13.5 0.0 32.6

Manual Integrations
APPROVED

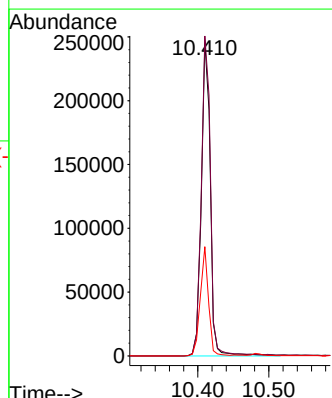
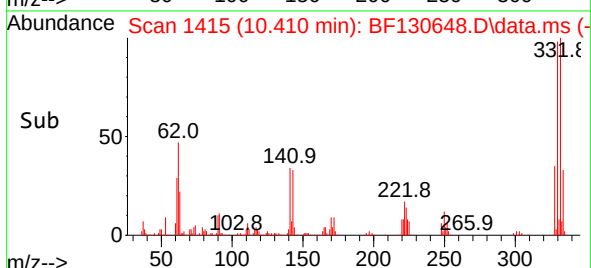
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022

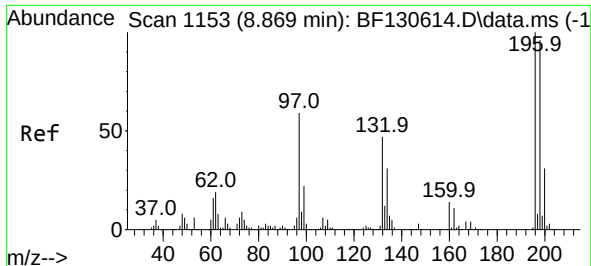


#42
2,4,6-Tribromophenol
Concen: 132.468 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF130648.D
Acq: 13 Oct 2022 15:43



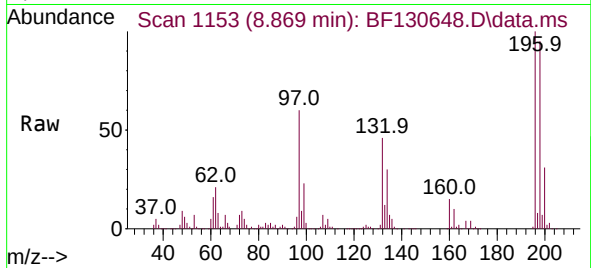
Tgt Ion:330 Resp: 215854
Ion Ratio Lower Upper
330 100
332 103.8 84.2 126.4
141 32.1 26.8 40.2





#43
2,4,6-Trichlorophenol
Concen: 51.562 ng
RT: 8.869 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BF130648.D
Acq: 13 Oct 2022 15:43

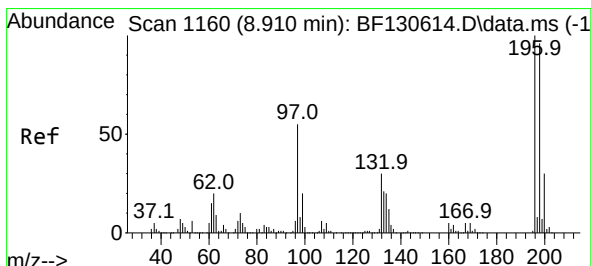
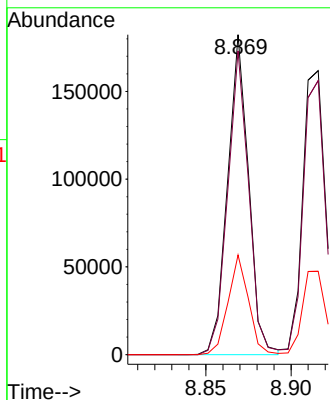
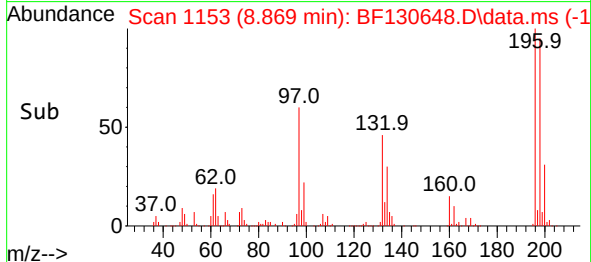
Instrument :
BNA_F
ClientSampleId :
MOUNT-LAUREL-COMP-2-MOUNT-LAUREL-VOC-2MSD



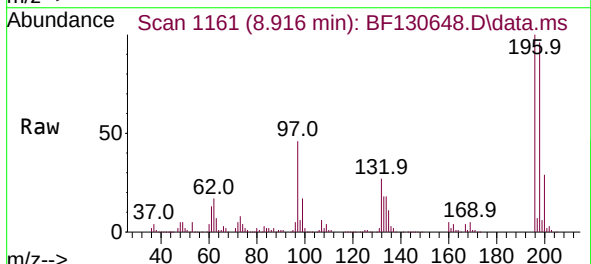
Tgt Ion:196 Resp: 156423
Ion Ratio Lower Upper
196 100
198 94.9 76.6 115.0
200 31.1 25.0 37.6

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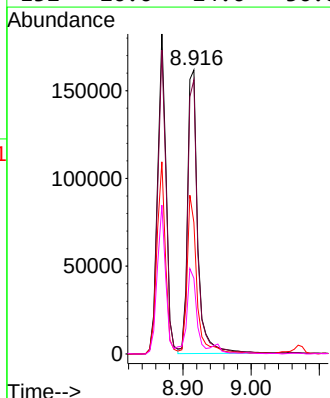
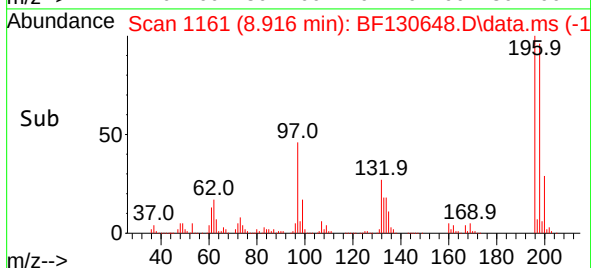
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022

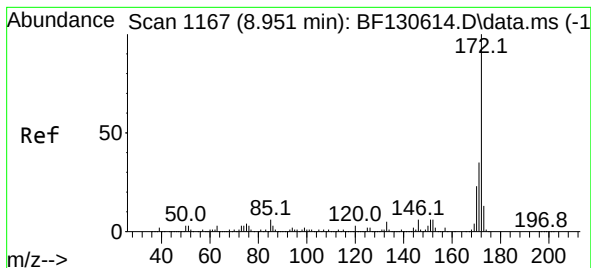


#44
2,4,5-Trichlorophenol
Concen: 50.408 ng
RT: 8.916 min Scan# 1161
Delta R.T. 0.006 min
Lab File: BF130648.D
Acq: 13 Oct 2022 15:43



Tgt Ion:196 Resp: 168169
Ion Ratio Lower Upper
196 100
198 96.5 76.6 114.8
97 46.3 44.3 66.5
132 26.6 24.6 36.8





#45

2-Fluorobiphenyl

Concen: 71.079 ng

RT: 8.951 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BF130648.D

Acq: 13 Oct 2022 15:43

Instrument :

BNA_F

ClientSampleId :

MOUNT-LAUREL-COMP-2-MOUNT-LAUREL-VOC-2MSD

Tgt Ion:172 Resp: 781432

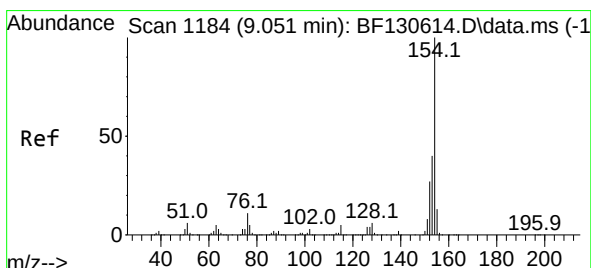
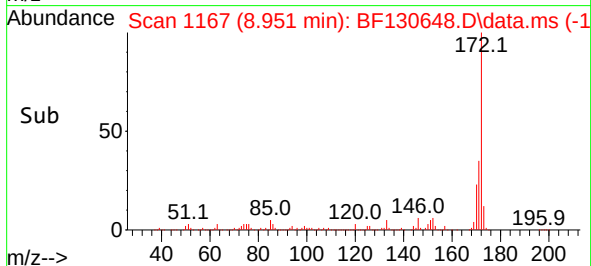
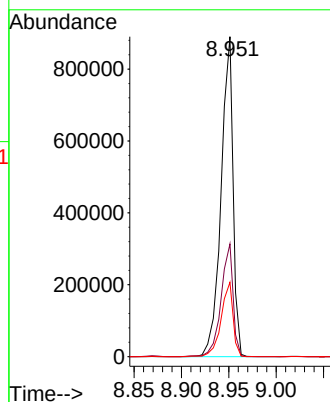
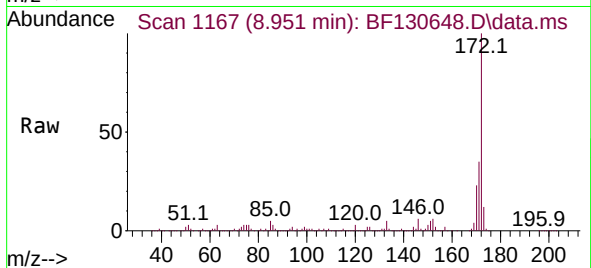
Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.8	41.8
170	23.2	18.6	27.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/14/2022

Supervised By :Jagrut Upadhyay 10/14/2022



#46

1,1'-Biphenyl

Concen: 51.811 ng

RT: 9.051 min Scan# 1184

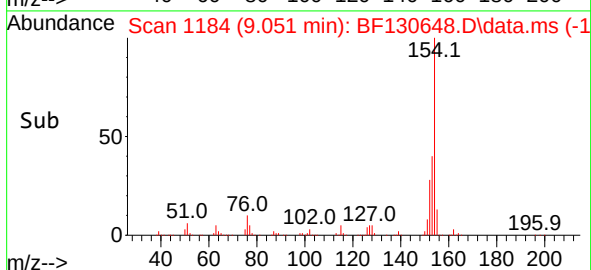
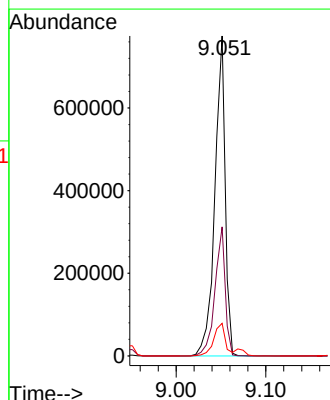
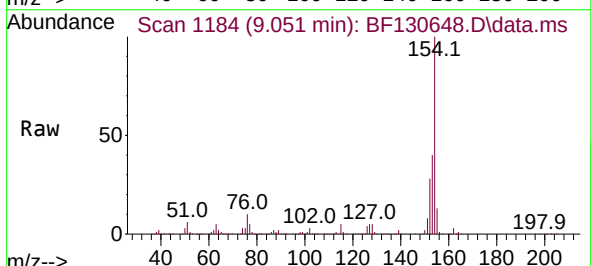
Delta R.T. 0.000 min

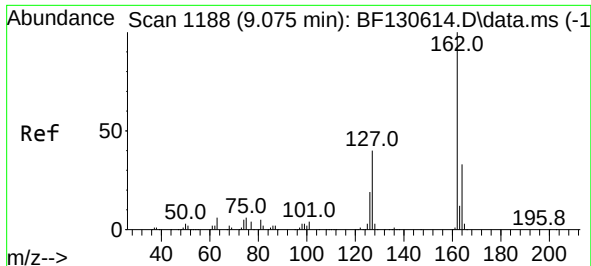
Lab File: BF130648.D

Acq: 13 Oct 2022 15:43

Tgt Ion:154 Resp: 625281

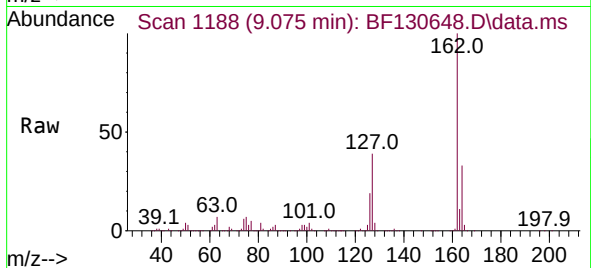
Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.0	60.0
76	10.2	0.0	30.8





#47
2-Chloronaphthalene
Concen: 49.047 ng
RT: 9.075 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BF130648.D
Acq: 13 Oct 2022 15:43

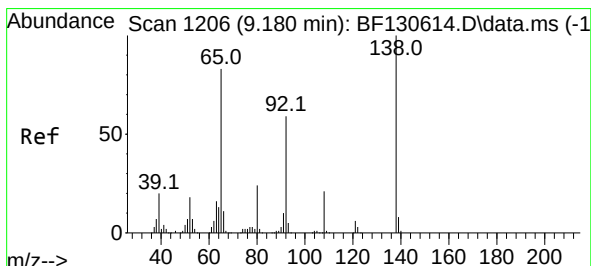
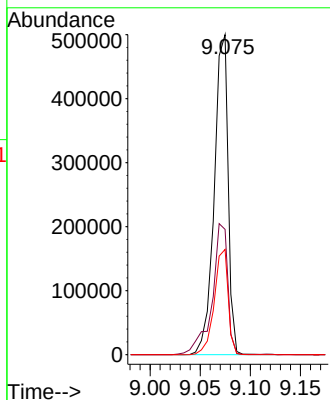
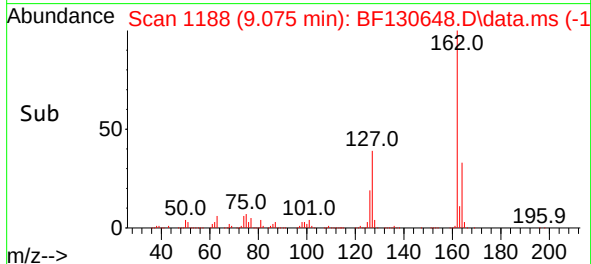
Instrument : BNA_F
ClientSampleId : MOUNT-LAUREL-COMP-2-MOUNT-LAUREL-VOC-2MSD



Tgt Ion:162 Resp: 483779
Ion Ratio Lower Upper
162 100
127 39.1 32.6 49.0
164 32.9 26.3 39.5

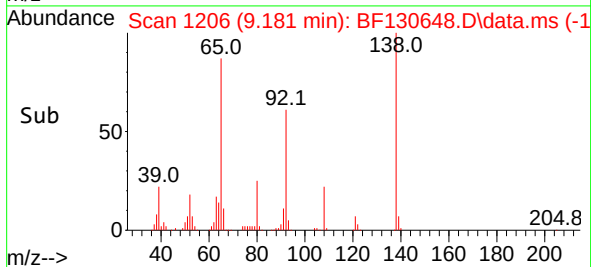
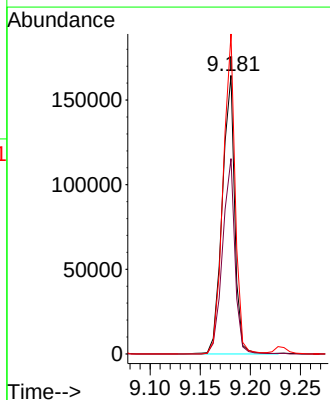
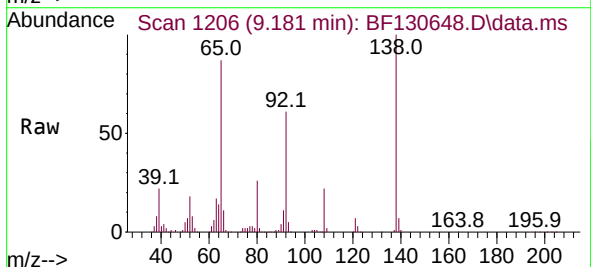
Manual Integrations
APPROVED

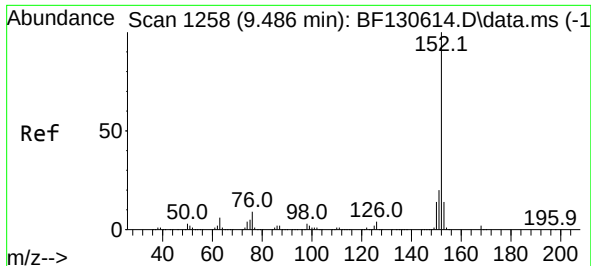
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#48
2-Nitroaniline
Concen: 48.018 ng
RT: 9.181 min Scan# 1206
Delta R.T. 0.001 min
Lab File: BF130648.D
Acq: 13 Oct 2022 15:43

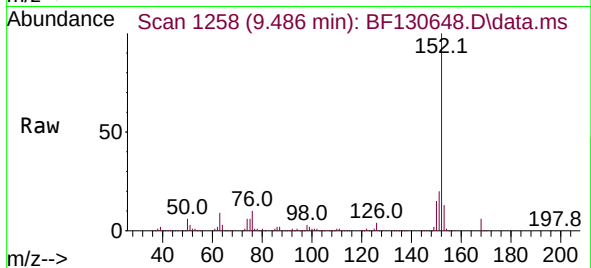
Tgt Ion: 65 Resp: 142577
Ion Ratio Lower Upper
65 100
92 70.1 57.4 86.0
138 114.9 96.7 145.1





#49
Acenaphthylene
Concen: 48.899 ng
RT: 9.486 min Scan# 1258
Delta R.T. 0.000 min
Lab File: BF130648.D
Acq: 13 Oct 2022 15:43

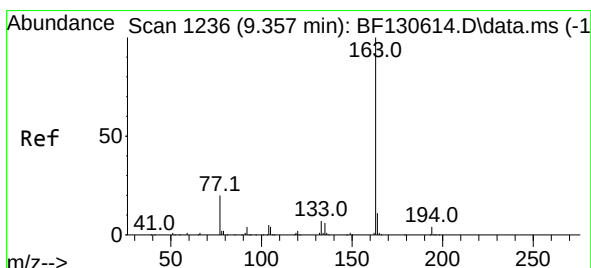
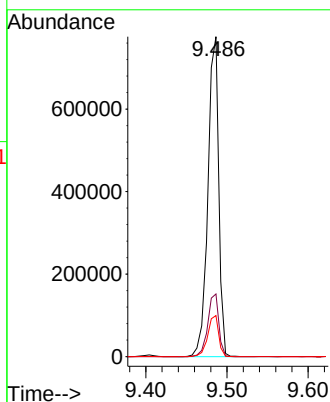
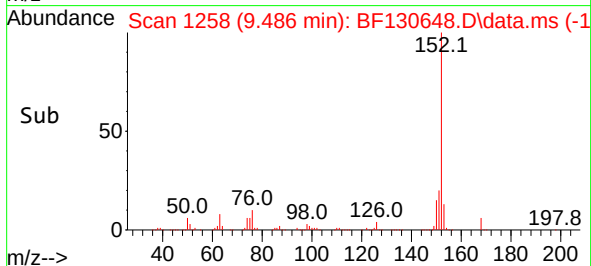
Instrument :
BNA_F
ClientSampleId :
MOUNT-LAUREL-COMP-2-MOUNT-LAUREL-VOC-2MSD



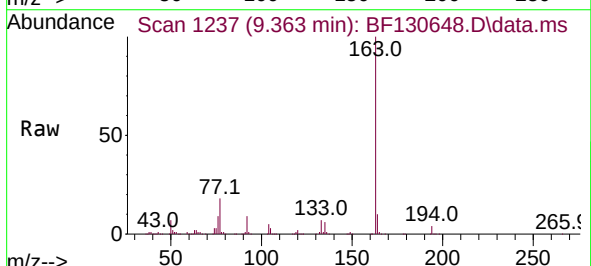
Tgt Ion:152 Resp: 722680
Ion Ratio Lower Upper
152 100
151 19.6 16.2 24.2
153 12.8 10.8 16.2

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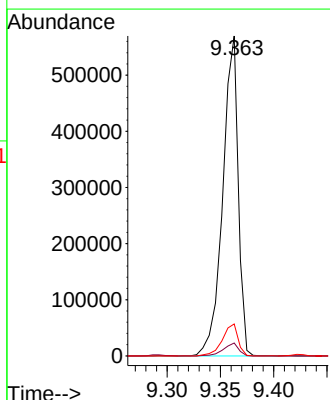
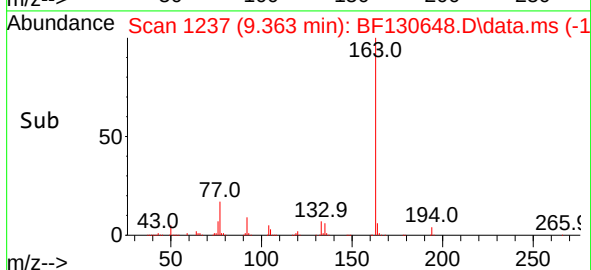
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022

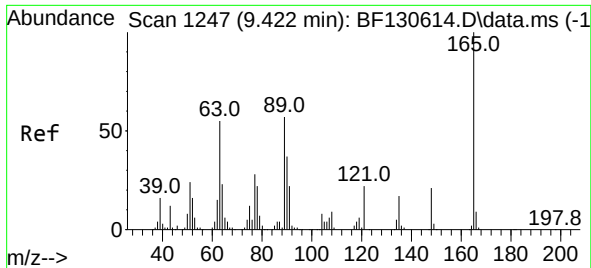


#50
Dimethylphthalate
Concen: 49.970 ng
RT: 9.363 min Scan# 1237
Delta R.T. 0.006 min
Lab File: BF130648.D
Acq: 13 Oct 2022 15:43



Tgt Ion:163 Resp: 576040
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 10.0 8.5 12.7





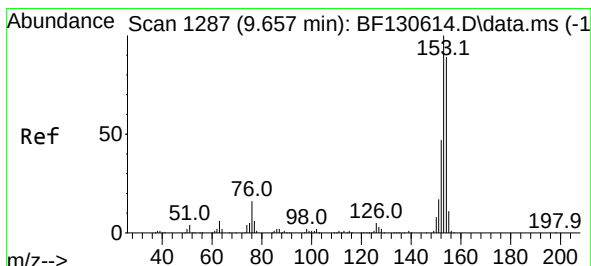
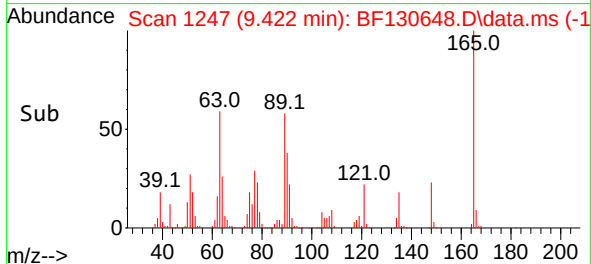
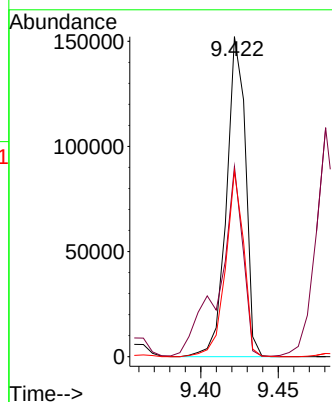
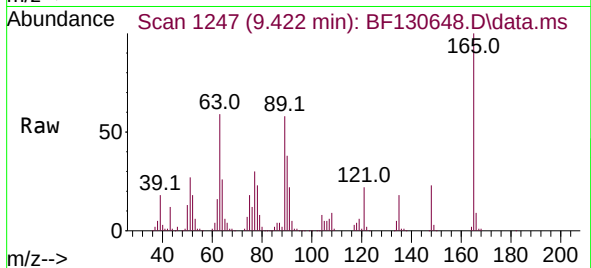
#51
2,6-Dinitrotoluene
Concen: 51.279 ng
RT: 9.422 min Scan# 1247
Delta R.T. -0.000 min
Lab File: BF130648.D
Acq: 13 Oct 2022 15:43

Instrument : BNA_F
ClientSampleId : MOUNT-LAUREL-COMP-2-MOUNT-LAUREL-VOC-2MSD

Tgt Ion:165 Resp: 129668
Ion Ratio Lower Upper
165 100
63 59.4 45.3 67.9
89 58.0 45.6 68.4

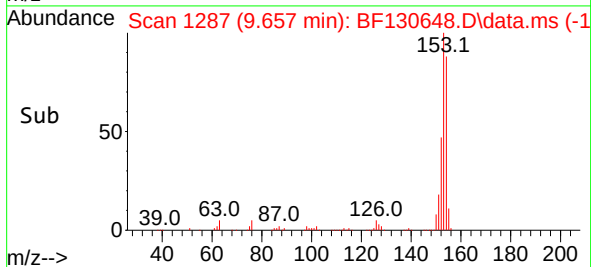
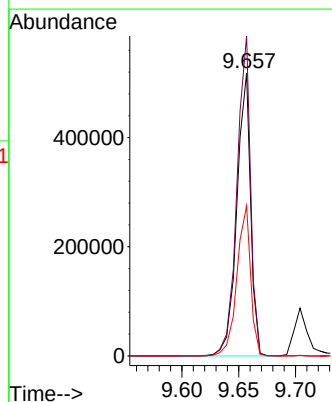
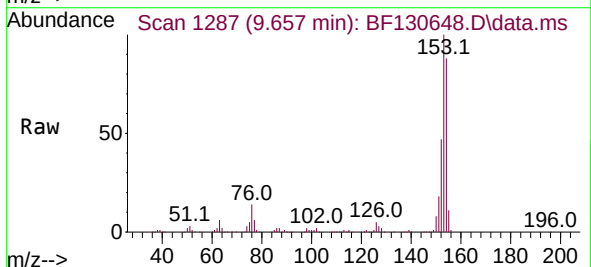
Manual Integrations
APPROVED

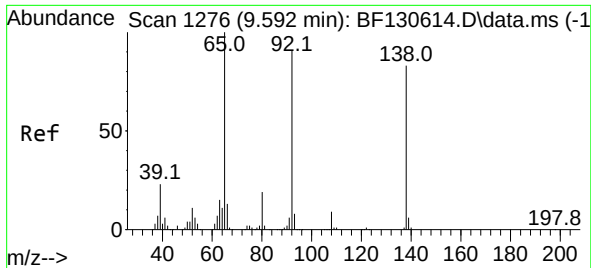
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#52
Acenaphthene
Concen: 48.943 ng
RT: 9.657 min Scan# 1287
Delta R.T. 0.000 min
Lab File: BF130648.D
Acq: 13 Oct 2022 15:43

Tgt Ion:154 Resp: 438239
Ion Ratio Lower Upper
154 100
153 113.2 89.6 134.4
152 53.1 42.4 63.6





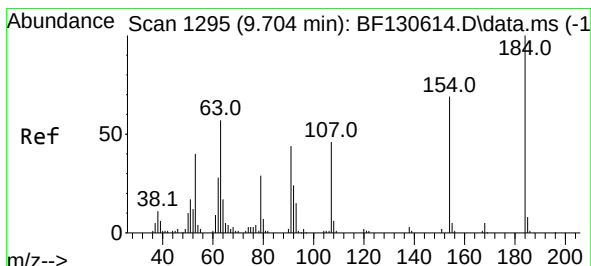
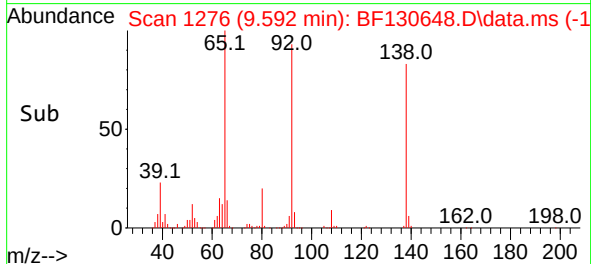
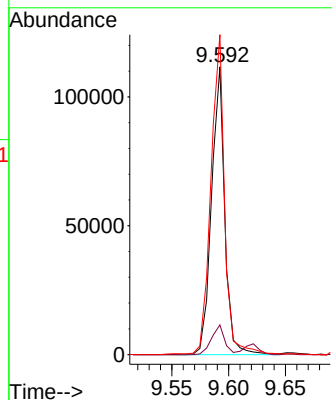
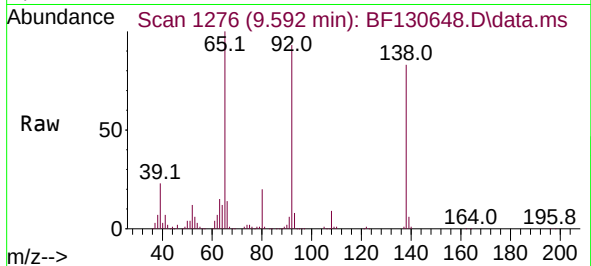
#53
3-Nitroaniline
Concen: 32.808 ng
RT: 9.592 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BF130648.D
Acq: 13 Oct 2022 15:43

Instrument : BNA_F
ClientSampleId : MOUNT-LAUREL-COMP-2-MOUNT-LAUREL-VOC-2MSD

Tgt Ion:138 Resp: 90939
Ion Ratio Lower Upper
138 100
108 10.3 8.4 12.6
92 111.2 88.2 132.4

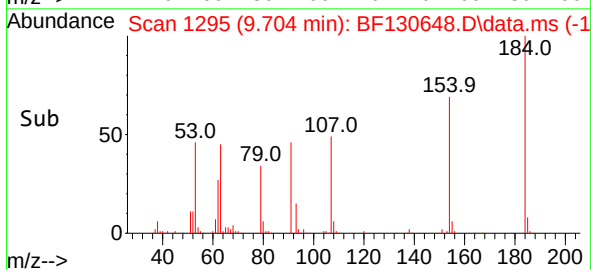
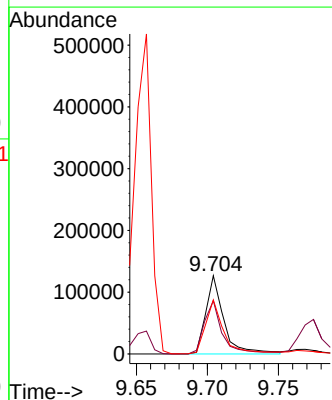
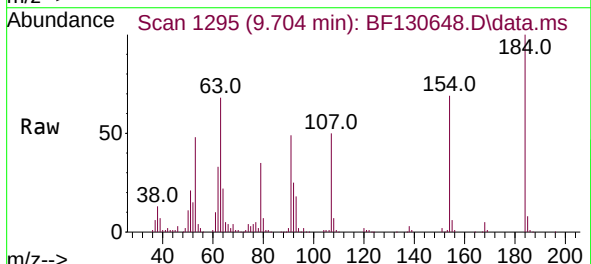
Manual Integrations
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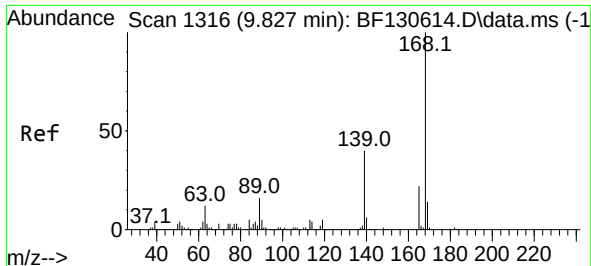
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#54
2,4-Dinitrophenol
Concen: 85.711 ng
RT: 9.704 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF130648.D
Acq: 13 Oct 2022 15:43

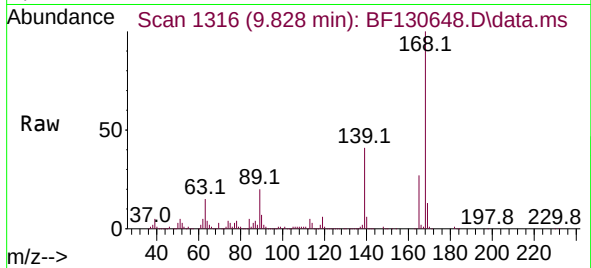
Tgt Ion:184 Resp: 110929
Ion Ratio Lower Upper
184 100
63 68.1 45.5 68.3
154 69.1 55.1 82.7





#55
Dibenzofuran
Concen: 49.604 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF130648.D
Acq: 13 Oct 2022 15:43

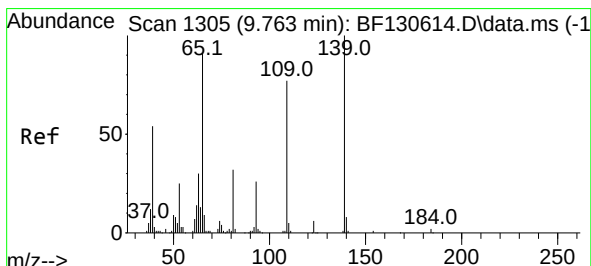
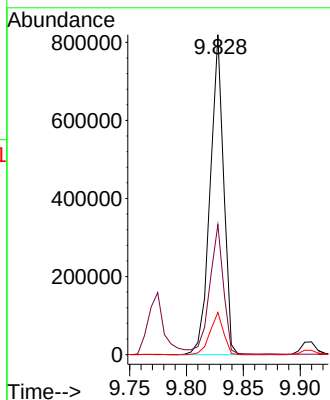
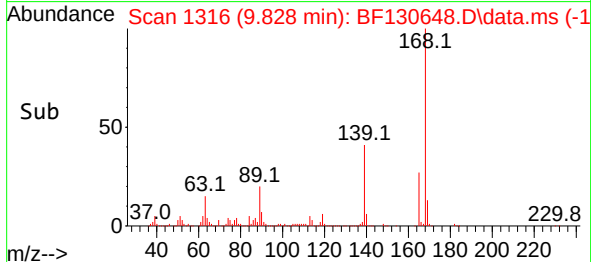
Instrument : BNA_F
ClientSampleId : MOUNT-LAUREL-COMP-2-MOUNT-LAUREL-VOC-2MSD



Tgt Ion:168 Resp: 676634
Ion Ratio Lower Upper
168 100
139 40.6 33.0 49.4
169 13.2 10.9 16.3

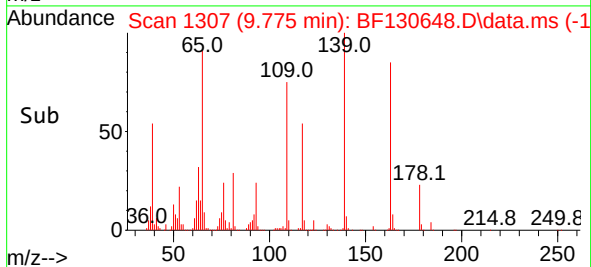
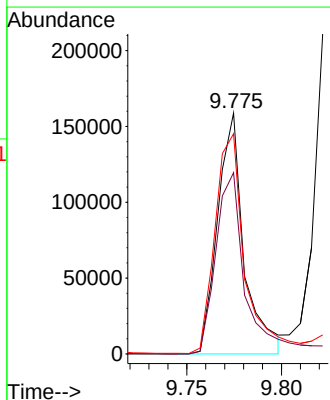
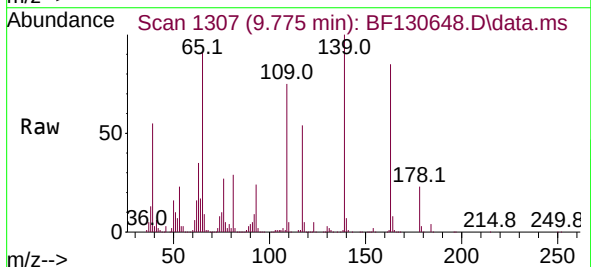
Manual Integrations
APPROVED

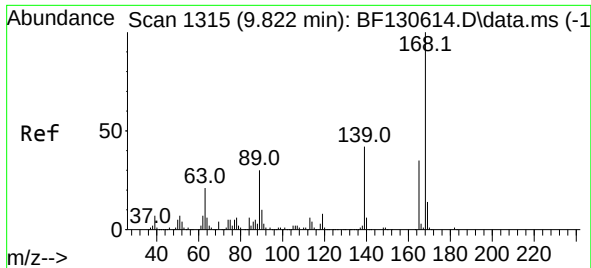
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#56
4-Nitrophenol
Concen: 101.109 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.012 min
Lab File: BF130648.D
Acq: 13 Oct 2022 15:43

Tgt Ion:139 Resp: 154527
Ion Ratio Lower Upper
139 100
109 75.3 57.4 97.4
65 91.4 71.3 111.3





#57

2,4-Dinitrotoluene

Concen: 52.355 ng

RT: 9.828 min Scan# 1315

Delta R.T. 0.006 min

Lab File: BF130648.D

Acq: 13 Oct 2022 15:43

Instrument :

BNA_F

ClientSampleId :

MOUNT-LAUREL-COMP-2-MOUNT-LAUREL-VOC-2MSD

Tgt Ion:165 Resp: 170146

Ion Ratio Lower Upper

165 100

63 57.7 50.6 76.0

89 76.0 68.6 102.8

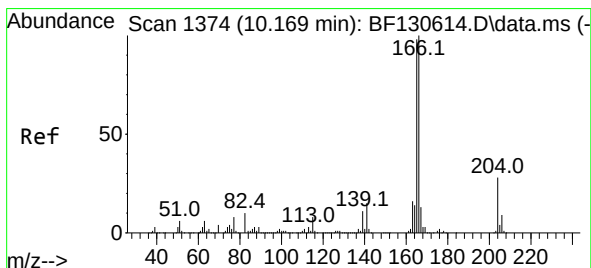
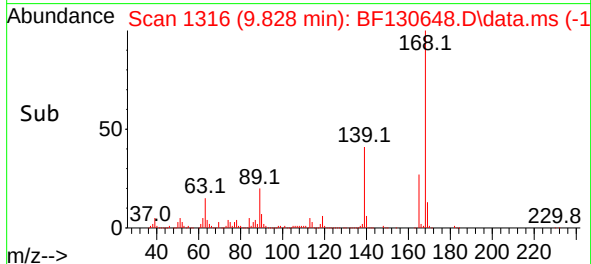
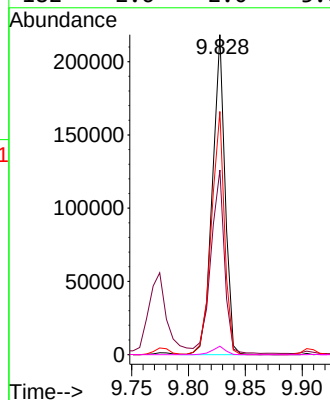
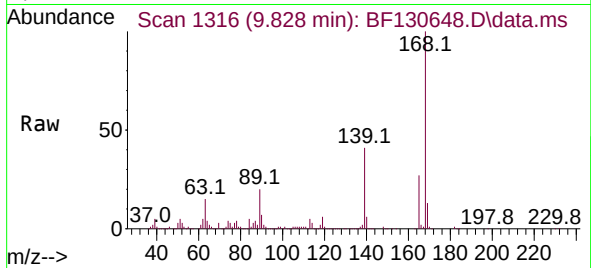
182 2.6 2.0 3.0

Manual Integrations

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Reviewed By :Christian Giraldo 10/14/2022

Supervised By :Jagrut Upadhyay 10/14/2022



#58

Fluorene

Concen: 49.378 ng

RT: 10.169 min Scan# 1374

Delta R.T. 0.000 min

Lab File: BF130648.D

Acq: 13 Oct 2022 15:43

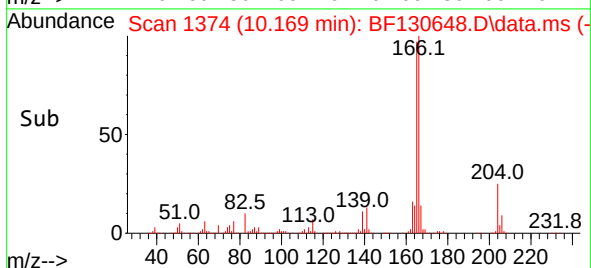
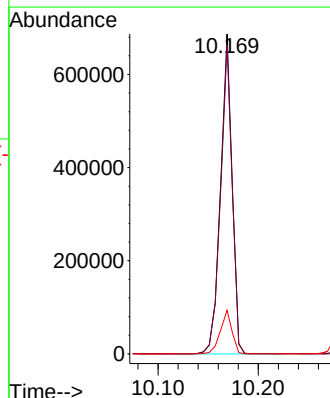
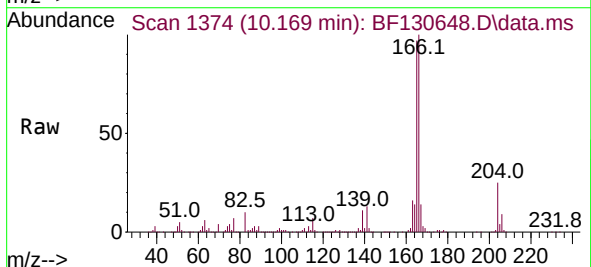
Tgt Ion:166 Resp: 553751

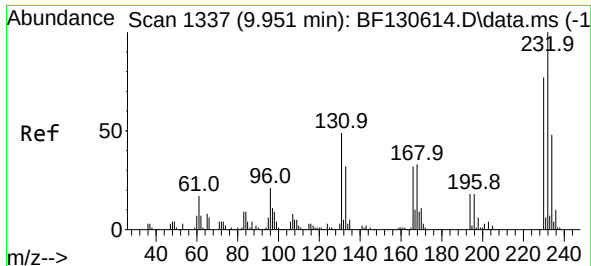
Ion Ratio Lower Upper

166 100

165 96.5 78.2 117.4

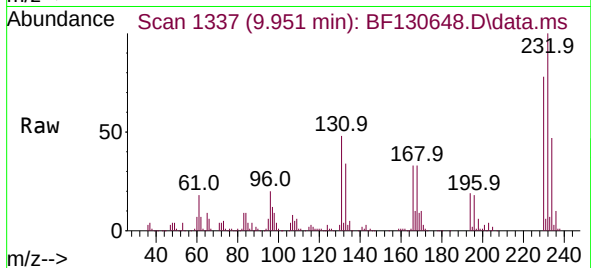
167 13.6 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.514 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF130648.D
Acq: 13 Oct 2022 15:43

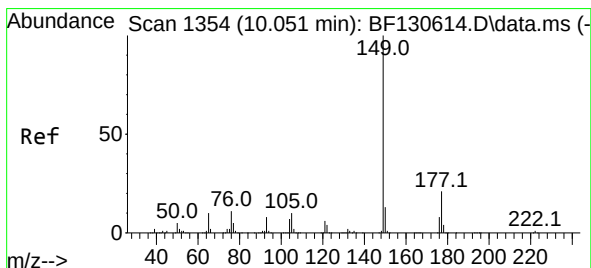
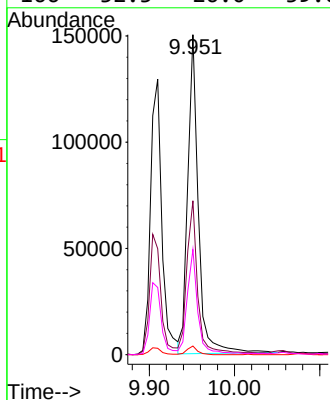
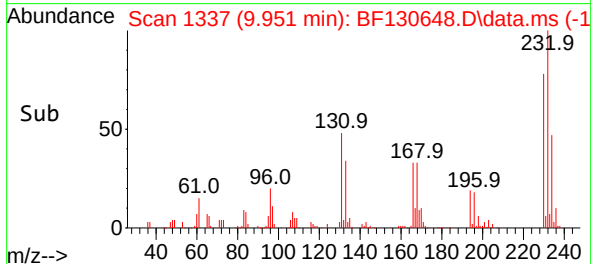
Instrument :
BNA_F
ClientSampleId :
MOUNT-LAUREL-COMP-2-MOUNT-LAUREL-VOC-2MSD



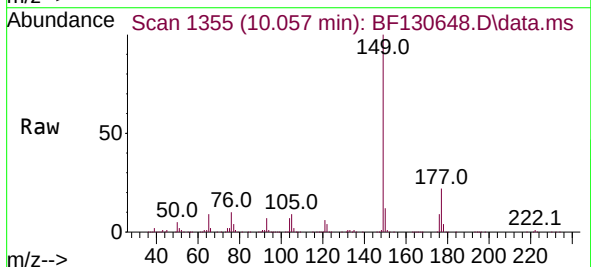
Tgt Ion:232 Resp: 129034
Ion Ratio Lower Upper
232 100
131 48.3 41.4 62.0
130 2.6 2.1 3.1
166 32.3 26.0 39.0

Manual Integrations
APPROVED

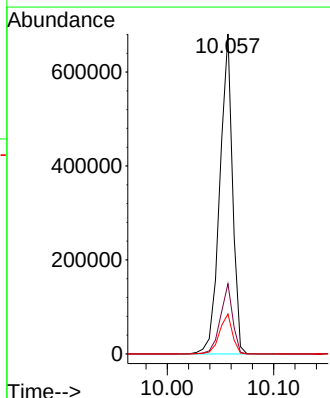
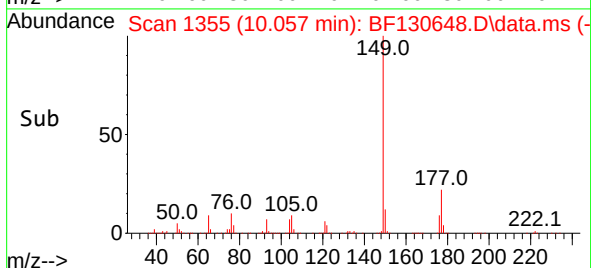
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022

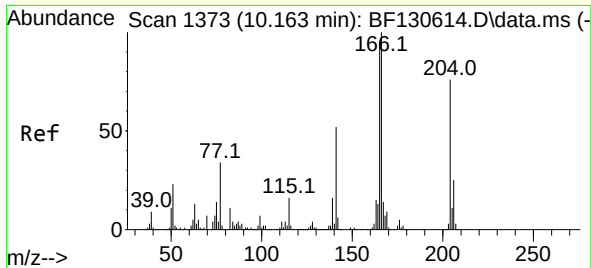


#60
Diethylphthalate
Concen: 49.298 ng
RT: 10.057 min Scan# 1355
Delta R.T. 0.006 min
Lab File: BF130648.D
Acq: 13 Oct 2022 15:43



Tgt Ion:149 Resp: 567006
Ion Ratio Lower Upper
149 100
177 21.9 16.7 25.1
150 12.5 10.5 15.7





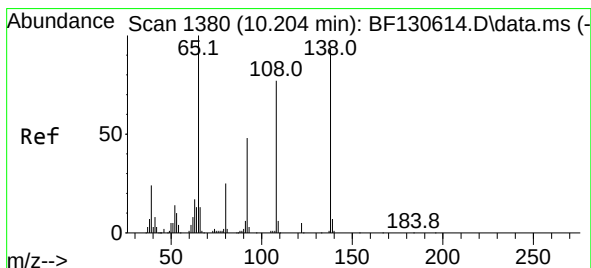
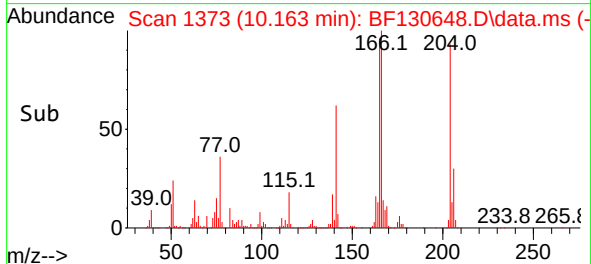
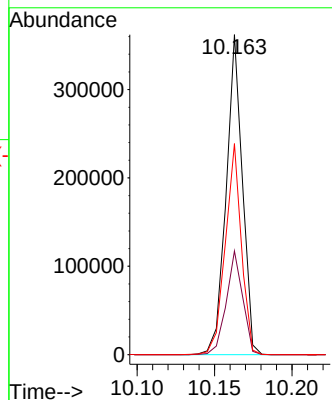
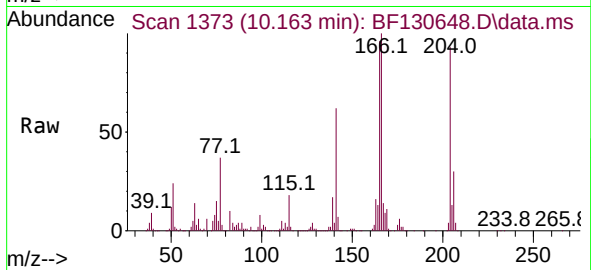
#61
4-Chlorophenyl-phenylether
Concen: 52.074 ng
RT: 10.163 min Scan# 1373
Delta R.T. 0.000 min
Lab File: BF130648.D
Acq: 13 Oct 2022 15:43

Instrument : BNA_F
ClientSampleId : MOUNT-LAUREL-COMP-2-MOUNT-LAUREL-VOC-2MSD

Tgt Ion:204 Resp: 264019
Ion Ratio Lower Upper
204 100
206 32.4 26.1 39.1
141 65.9 54.6 81.8

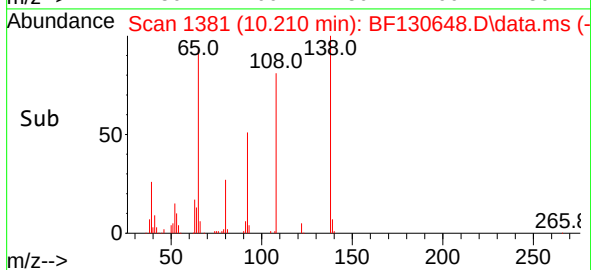
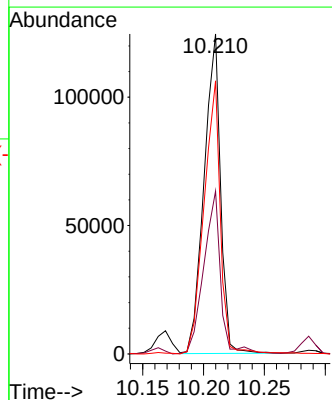
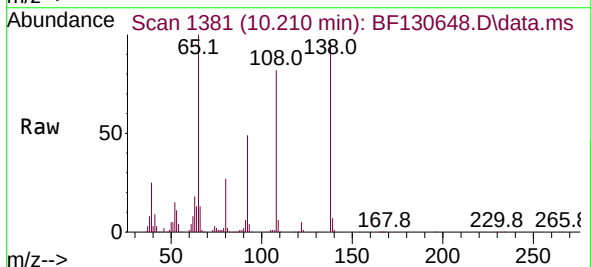
Manual Integrations
APPROVED

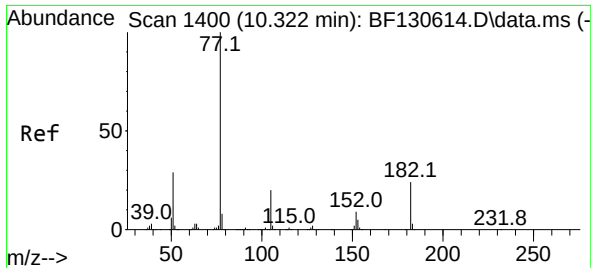
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#62
4-Nitroaniline
Concen: 44.413 ng
RT: 10.210 min Scan# 1381
Delta R.T. 0.006 min
Lab File: BF130648.D
Acq: 13 Oct 2022 15:43

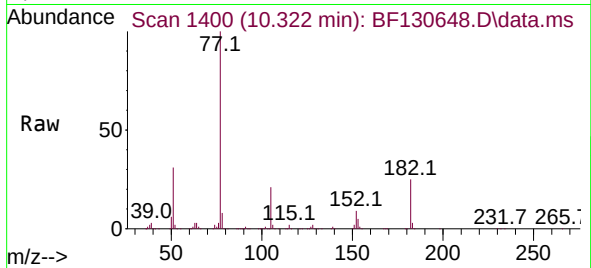
Tgt Ion:138 Resp: 117535
Ion Ratio Lower Upper
138 100
92 50.9 31.1 71.1
108 85.3 62.1 102.1





#63
Azobenzene
Concen: 45.784 ng
RT: 10.322 min Scan# 1400
Delta R.T. 0.000 min
Lab File: BF130648.D
Acq: 13 Oct 2022 15:43

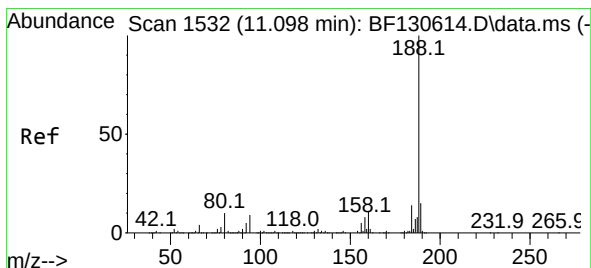
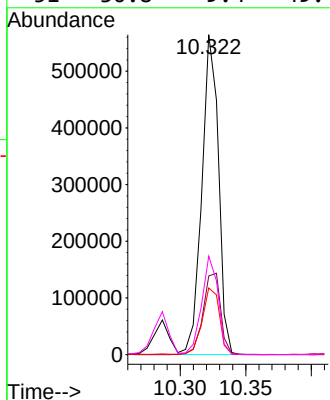
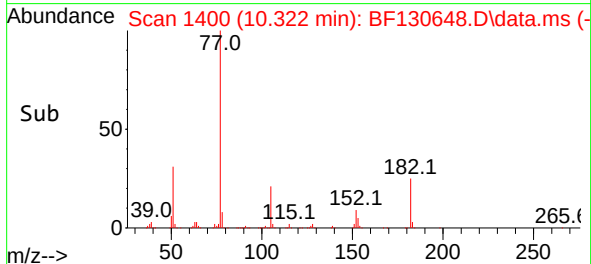
Instrument :
BNA_F
ClientSampleId :
MOUNT-LAUREL-COMP-2-MOUNT-LAUREL-VOC-2MSD



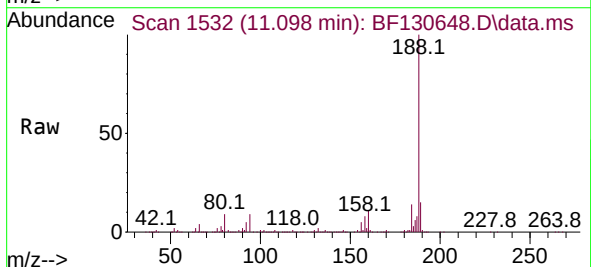
Tgt Ion: 77 Resp: 495981
Ion Ratio Lower Upper
77 100
182 24.6 3.8 43.8
105 20.8 0.3 40.3
51 30.8 9.4 49.4

Manual Integrations
APPROVED

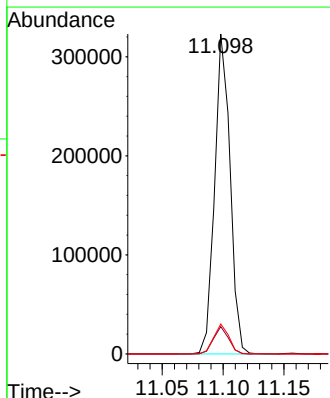
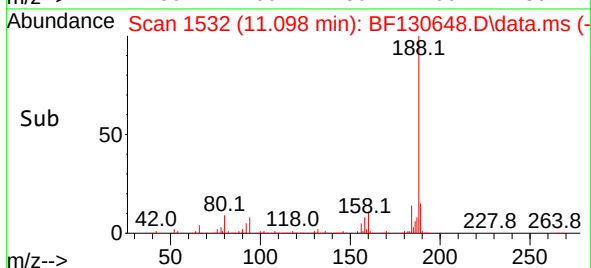
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022

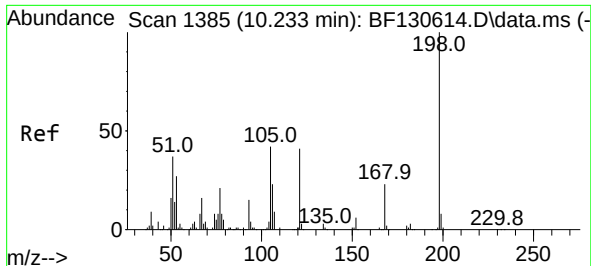


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.098 min Scan# 1532
Delta R.T. 0.000 min
Lab File: BF130648.D
Acq: 13 Oct 2022 15:43



Tgt Ion:188 Resp: 285054
Ion Ratio Lower Upper
188 100
94 8.5 7.4 11.2
80 9.3 8.0 12.0





#65
4,6-Dinitro-2-methylphenol
Concen: 46.205 ng
RT: 10.233 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF130648.D
Acq: 13 Oct 2022 15:43

Instrument :

BNA_F

ClientSampleId :

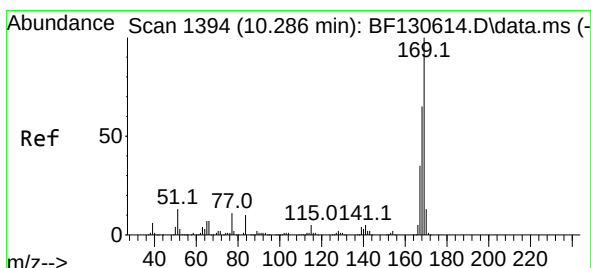
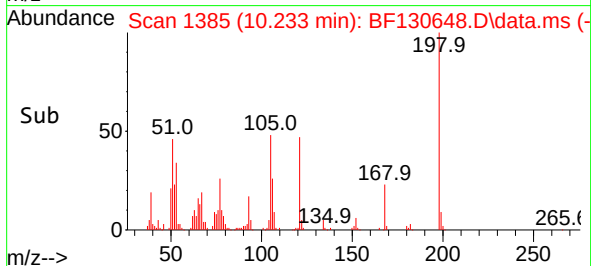
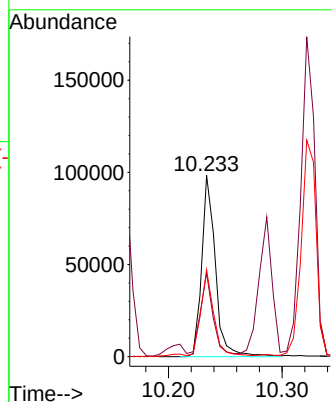
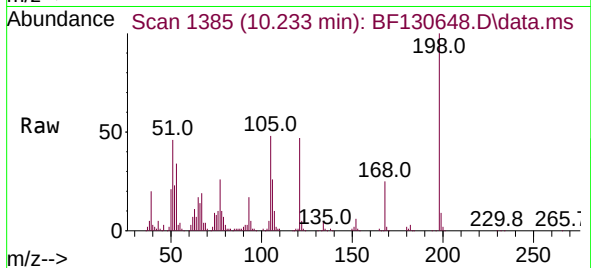
MOUNT-LAUREL-COMP-2-MOUNT-LAUREL-VOC-2MSD

Tgt Ion:198 Resp: 82309
Ion Ratio Lower Upper
198 100
51 46.1 18.7 58.7
105 47.9 22.0 62.0

Manual Integrations

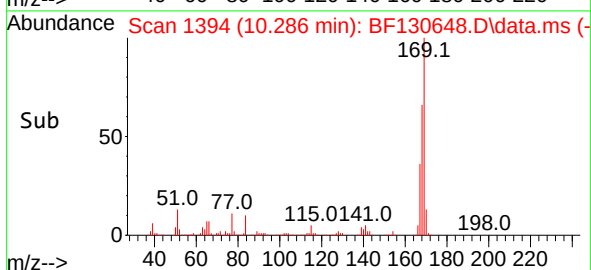
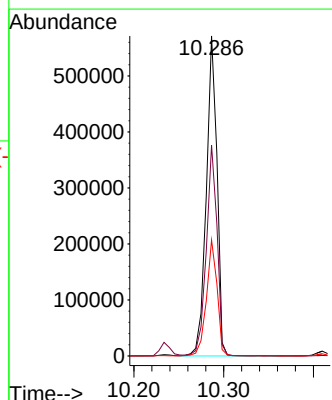
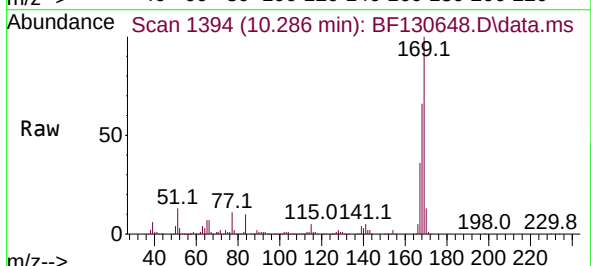
APPROVED

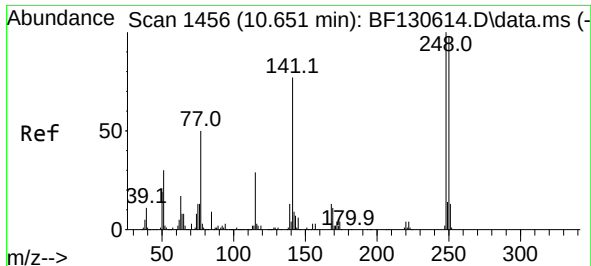
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#66
n-Nitrosodiphenylamine
Concen: 49.870 ng
RT: 10.286 min Scan# 1394
Delta R.T. 0.000 min
Lab File: BF130648.D
Acq: 13 Oct 2022 15:43

Tgt Ion:169 Resp: 472865
Ion Ratio Lower Upper
169 100
168 65.9 52.2 78.4
167 36.2 28.3 42.5





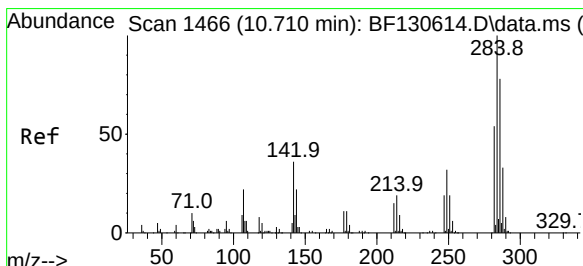
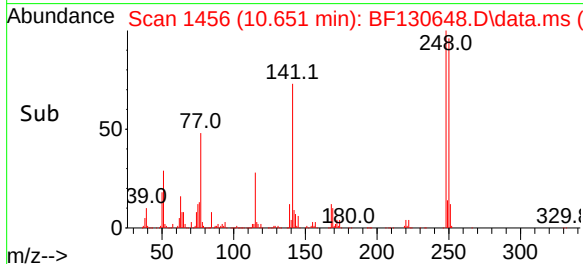
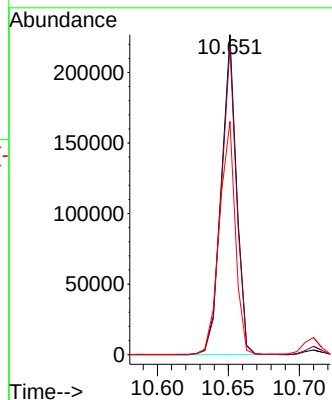
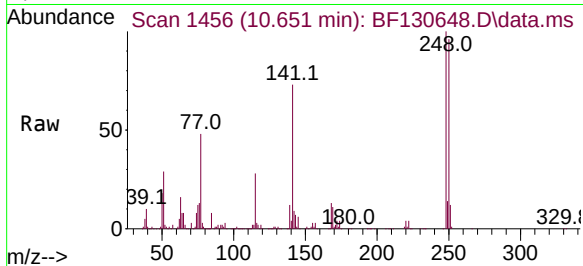
#67
4-Bromophenyl-phenylether
Concen: 52.987 ng
RT: 10.651 min Scan# 1456
Delta R.T. 0.000 min
Lab File: BF130648.D
Acq: 13 Oct 2022 15:43

Instrument :
BNA_F
ClientSampleId :
MOUNT-LAUREL-COMP-2-MOUNT-LAUREL-VOC-2MSD

Tgt Ion:248 Resp: 170900
Ion Ratio Lower Upper
248 100
250 96.4 78.7 118.1
141 72.9 61.6 92.4

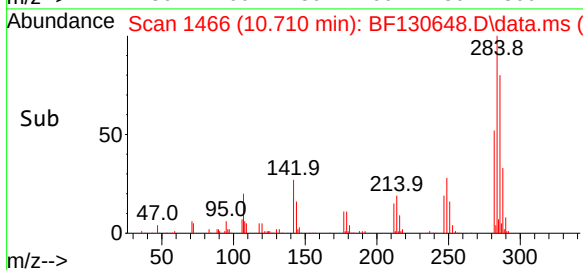
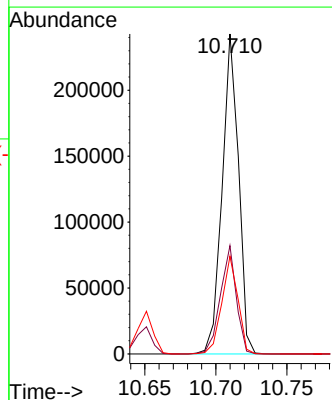
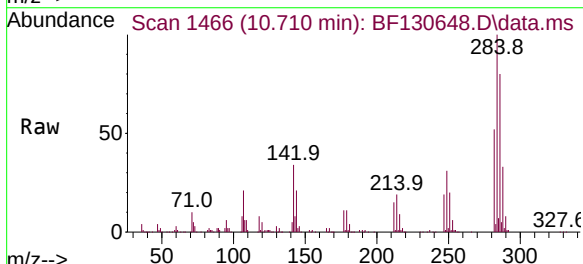
Manual Integrations
APPROVED

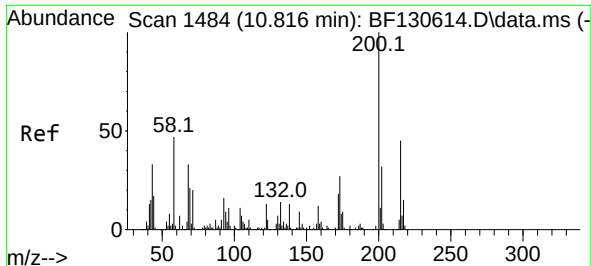
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#68
Hexachlorobenzene
Concen: 53.428 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF130648.D
Acq: 13 Oct 2022 15:43

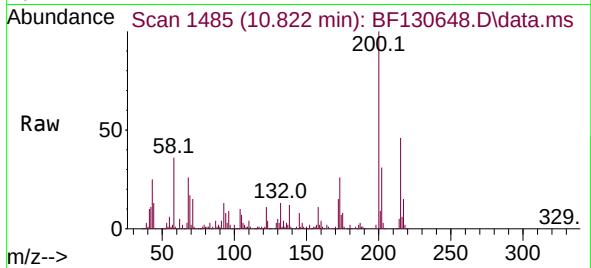
Tgt Ion:284 Resp: 194802
Ion Ratio Lower Upper
284 100
142 33.8 28.6 42.8
249 30.5 25.2 37.8





#69
Atrazine
Concen: 60.951 ng
RT: 10.822 min Scan# 1484
Delta R.T. 0.006 min
Lab File: BF130648.D
Acq: 13 Oct 2022 15:43

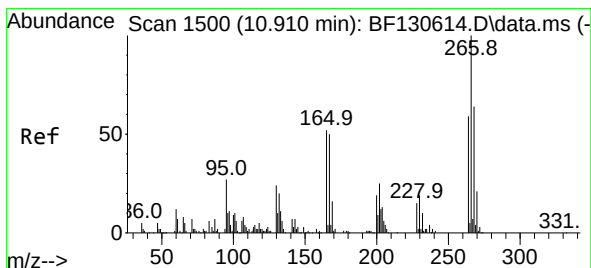
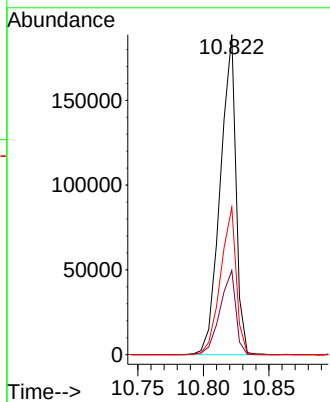
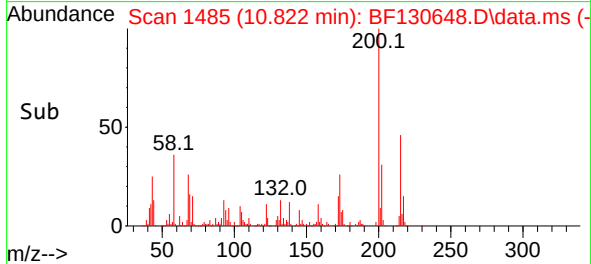
Instrument :
BNA_F
ClientSampleId :
MOUNT-LAUREL-COMP-2-MOUNT-LAUREL-VOC-2MSD



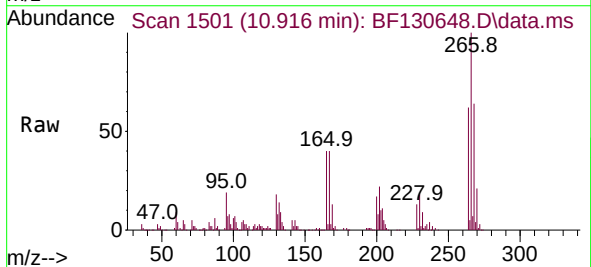
Tgt Ion:200 Resp: 157375
Ion Ratio Lower Upper
200 100
173 26.3 7.1 47.1
215 46.0 24.9 64.9

Manual Integrations
APPROVED

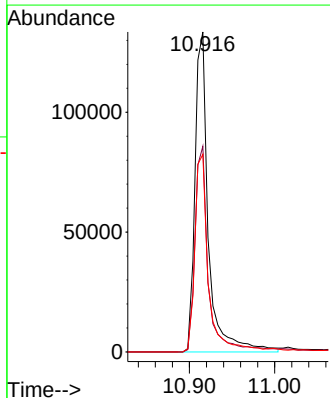
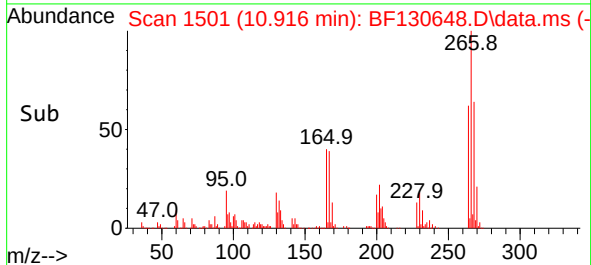
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022

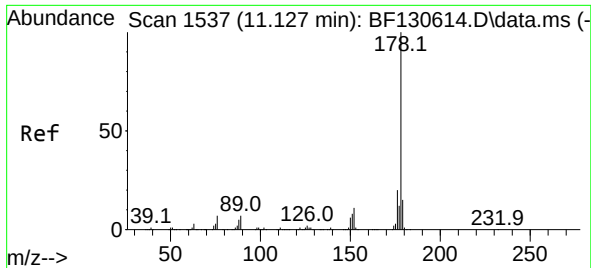


#70
Pentachlorophenol
Concen: 103.120 ng
RT: 10.916 min Scan# 1501
Delta R.T. 0.006 min
Lab File: BF130648.D
Acq: 13 Oct 2022 15:43



Tgt Ion:266 Resp: 146330
Ion Ratio Lower Upper
266 100
268 64.2 50.8 76.2
264 61.7 47.5 71.3





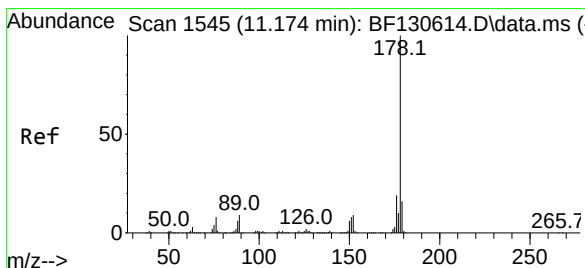
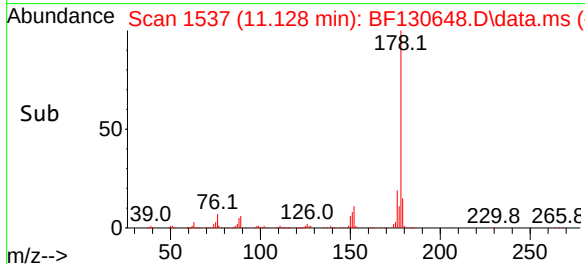
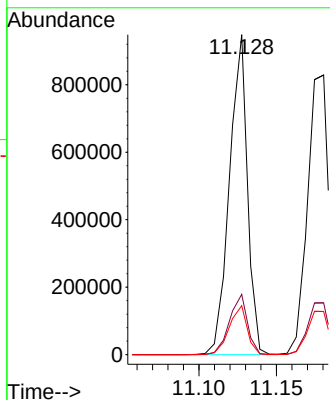
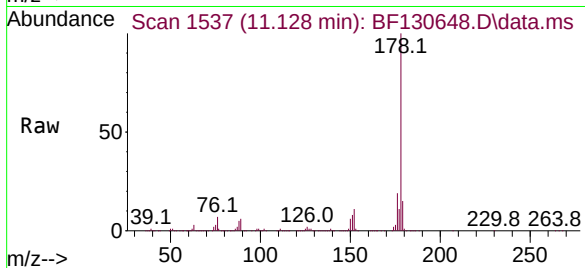
#71
Phenanthrene
Concen: 48.705 ng
RT: 11.128 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130648.D
Acq: 13 Oct 2022 15:43

Instrument :
BNA_F
ClientSampleId :
MOUNT-LAUREL-COMP-2-MOUNT-LAUREL-VOC-2MSD

Tgt Ion:178 Resp: 769204
Ion Ratio Lower Upper
178 100
176 18.8 15.7 23.5
179 15.3 12.2 18.4

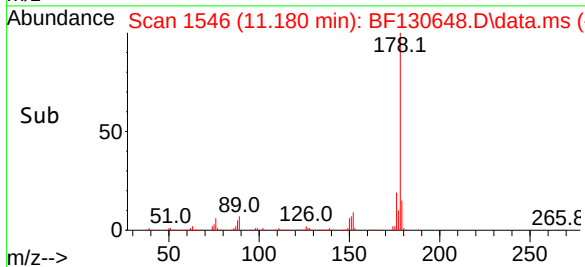
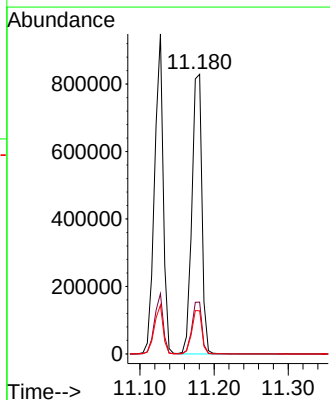
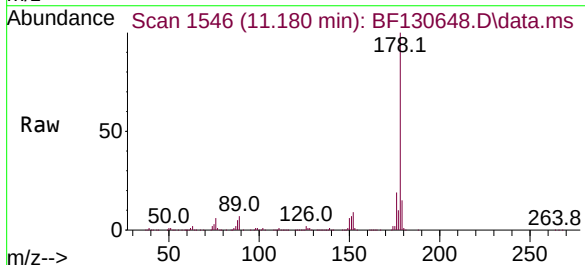
Manual Integrations
APPROVED

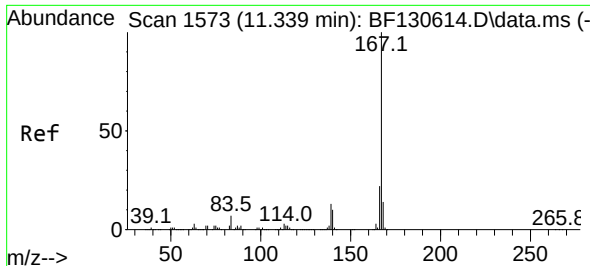
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#72
Anthracene
Concen: 50.714 ng
RT: 11.180 min Scan# 1546
Delta R.T. 0.006 min
Lab File: BF130648.D
Acq: 13 Oct 2022 15:43

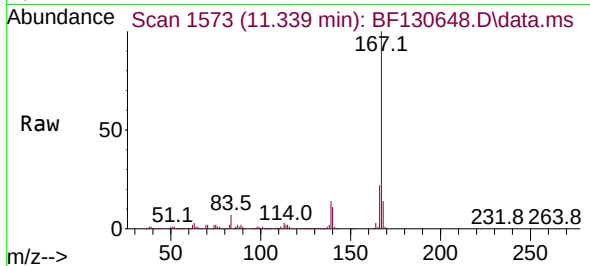
Tgt Ion:178 Resp: 782223
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.4
179 15.4 12.5 18.7





#73
 Carbazole
 Concen: 48.740 ng
 RT: 11.339 min Scan# 1573
 Delta R.T. 0.000 min
 Lab File: BF130648.D
 Acq: 13 Oct 2022 15:43

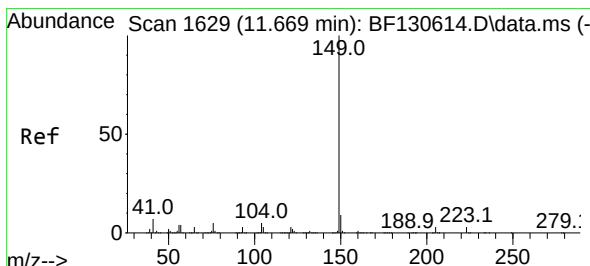
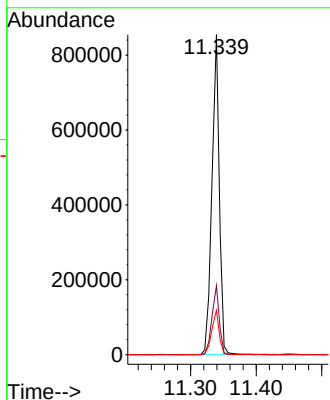
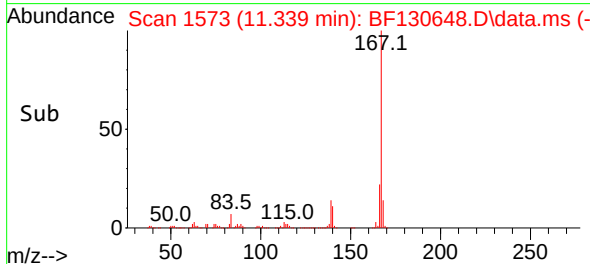
Instrument : BNA_F
 ClientSampleId : MOUNT-LAUREL-COMP-2-MOUNT-LAUREL-VOC-2MSD



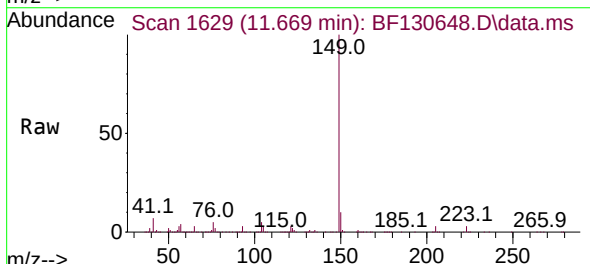
Tgt Ion:167 Resp: 670816
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.3 25.9
 139 13.9 10.7 16.1

Manual Integrations
 APPROVED

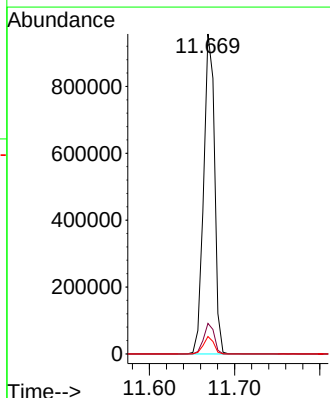
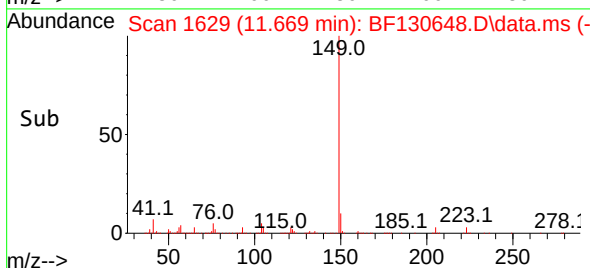
Reviewed By :Christian Giraldo 10/14/2022
 Supervised By :Jagrut Upadhyay 10/14/2022

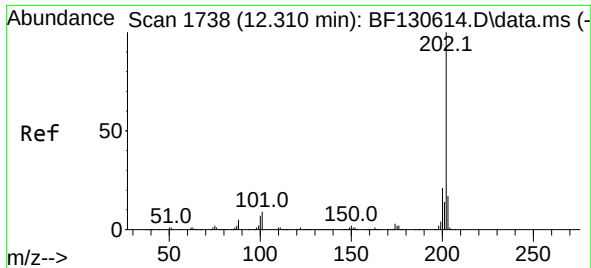


#74
 Di-n-butylphthalate
 Concen: 51.019 ng
 RT: 11.669 min Scan# 1629
 Delta R.T. 0.000 min
 Lab File: BF130648.D
 Acq: 13 Oct 2022 15:43



Tgt Ion:149 Resp: 850579
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.5 11.3
 104 5.4 4.2 6.2





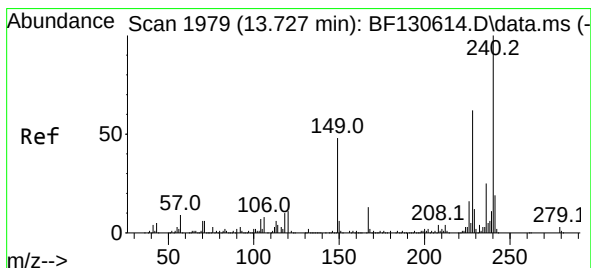
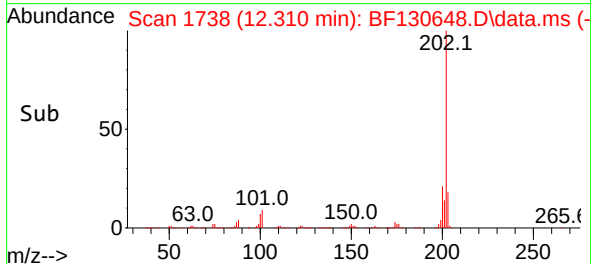
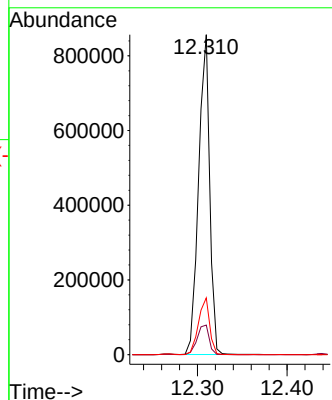
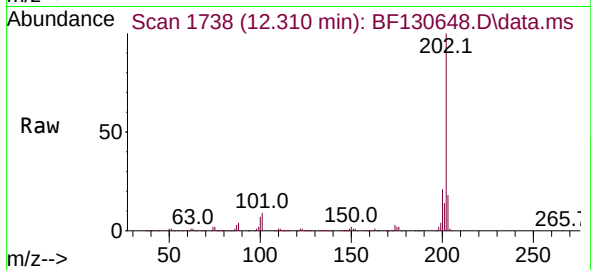
#75
Fluoranthene
Concen: 48.246 ng
RT: 12.310 min Scan# 1738
Delta R.T. 0.000 min
Lab File: BF130648.D
Acq: 13 Oct 2022 15:43

Instrument :
BNA_F
ClientSampleId :
MOUNT-LAUREL-COMP-2-MOUNT-LAUREL-VOC-2MSD

Tgt Ion:202 Resp: 732307
Ion Ratio Lower Upper
202 100
101 9.2 0.0 29.1
203 17.7 0.0 37.3

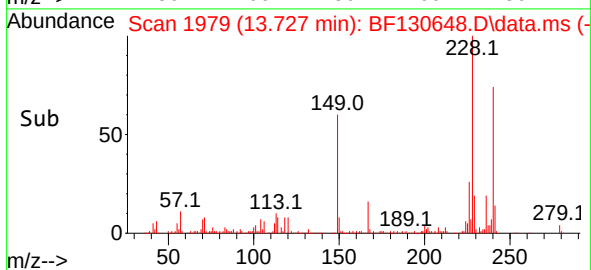
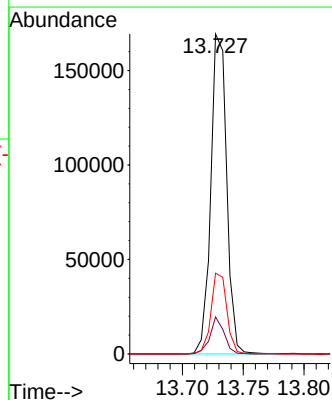
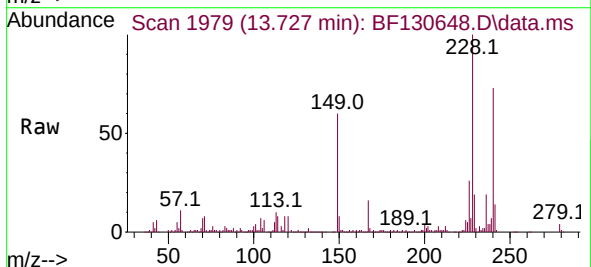
Manual Integrations
APPROVED

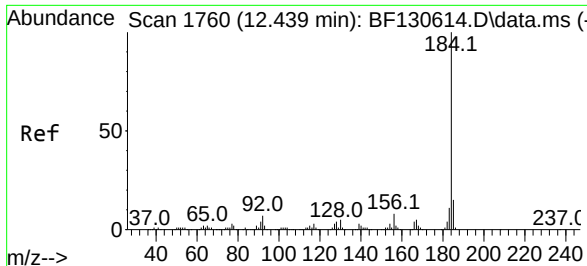
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.727 min Scan# 1979
Delta R.T. 0.000 min
Lab File: BF130648.D
Acq: 13 Oct 2022 15:43

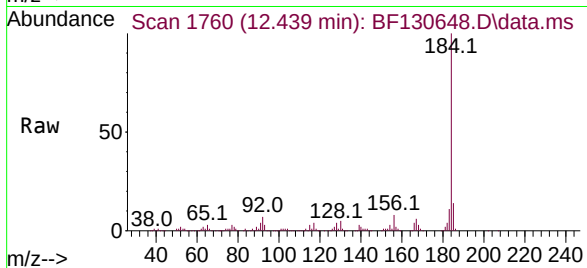
Tgt Ion:240 Resp: 154137
Ion Ratio Lower Upper
240 100
120 11.5 8.6 13.0
236 25.2 20.2 30.4





#77
Benzidine
Concen: 72.595 ng
RT: 12.439 min Scan# 1760
Delta R.T. 0.000 min
Lab File: BF130648.D
Acq: 13 Oct 2022 15:43

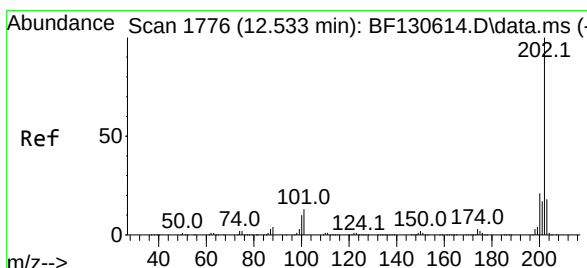
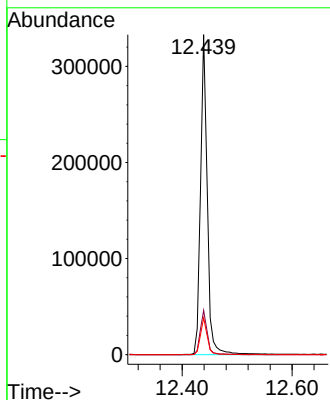
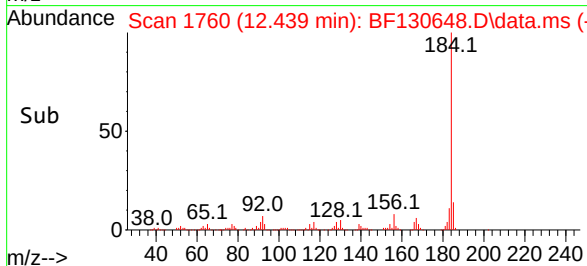
Instrument : BNA_F
ClientSampleId : MOUNT-LAUREL-COMP-2-MOUNT-LAUREL-VOC-2MSD



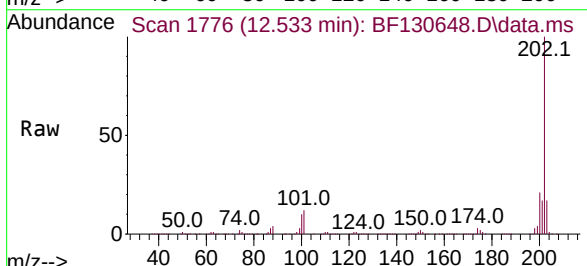
Tgt Ion:184 Resp: 282831
Ion Ratio Lower Upper
184 100
185 13.8 12.0 18.0
183 11.5 9.0 13.4

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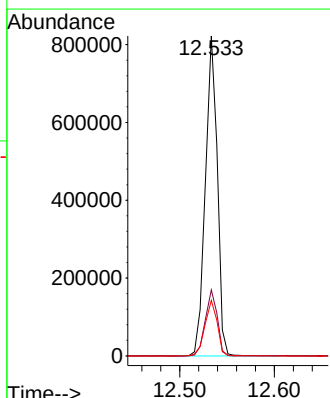
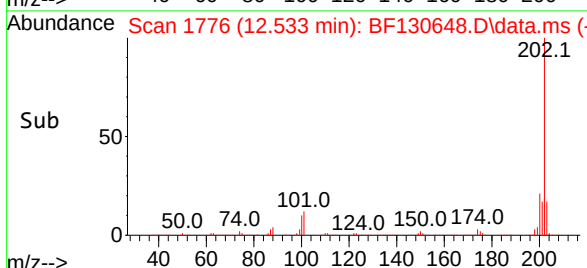
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022

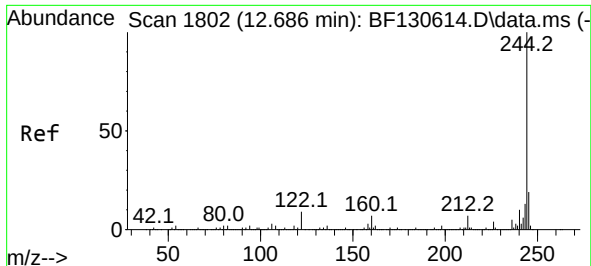


#78
Pyrene
Concen: 54.259 ng
RT: 12.533 min Scan# 1776
Delta R.T. 0.000 min
Lab File: BF130648.D
Acq: 13 Oct 2022 15:43



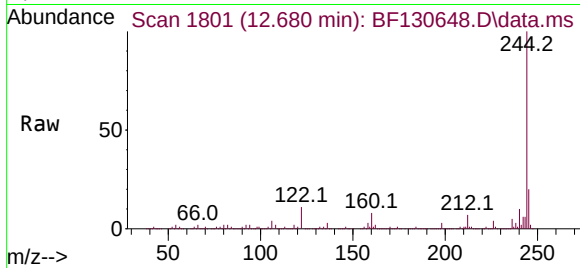
Tgt Ion:202 Resp: 721508
Ion Ratio Lower Upper
202 100
200 20.6 16.7 25.1
203 17.3 14.0 21.0





#79
Terphenyl-d14
Concen: 84.111 ng
RT: 12.680 min Scan# 1802
Delta R.T. -0.006 min
Lab File: BF130648.D
Acq: 13 Oct 2022 15:43

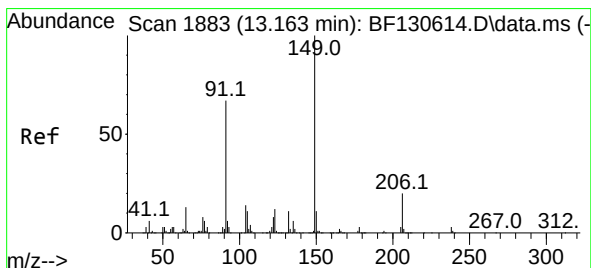
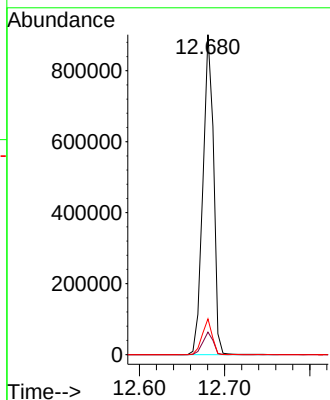
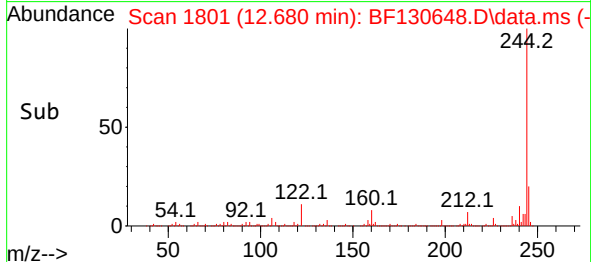
Instrument : BNA_F
ClientSampleId : MOUNT-LAUREL-COMP-2-MOUNT-LAUREL-VOC-2MSD



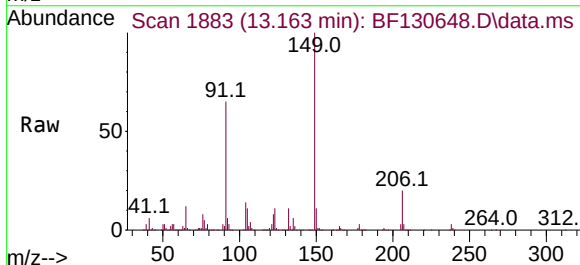
Tgt Ion:244 Resp: 781126
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 11.2 7.5 11.3

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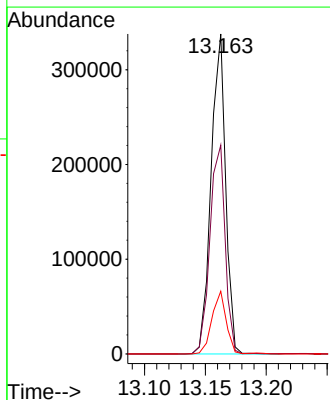
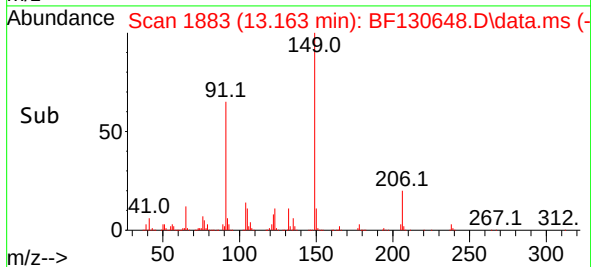
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022

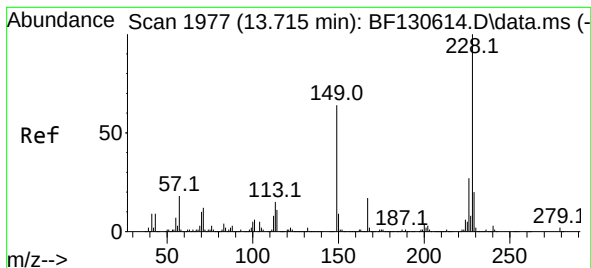


#80
Butylbenzylphthalate
Concen: 54.735 ng
RT: 13.163 min Scan# 1883
Delta R.T. 0.000 min
Lab File: BF130648.D
Acq: 13 Oct 2022 15:43



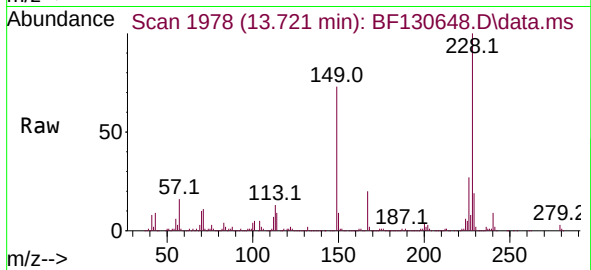
Tgt Ion:149 Resp: 279872
Ion Ratio Lower Upper
149 100
91 65.2 53.8 80.8
206 19.6 15.8 23.6





#81
Benzo(a)anthracene
Concen: 48.582 ng
RT: 13.721 min Scan# 1978
Delta R.T. 0.006 min
Lab File: BF130648.D
Acq: 13 Oct 2022 15:43

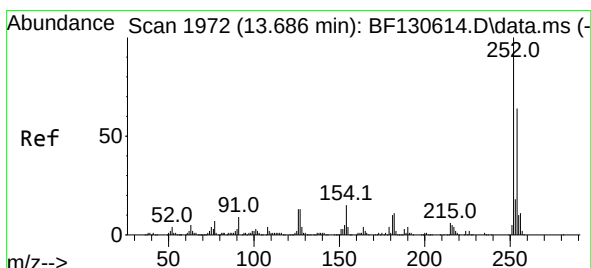
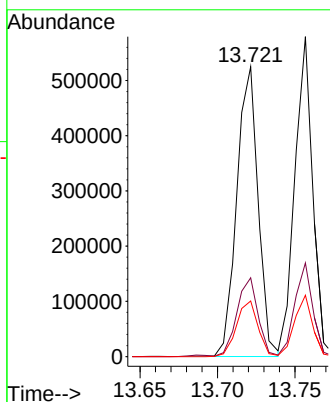
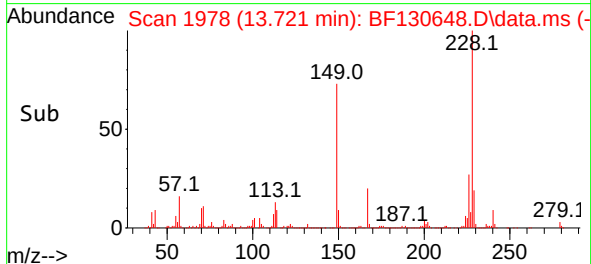
Instrument :
BNA_F
ClientSampleId :
MOUNT-LAUREL-COMP-2-MOUNT-LAUREL-VOC-2MSD



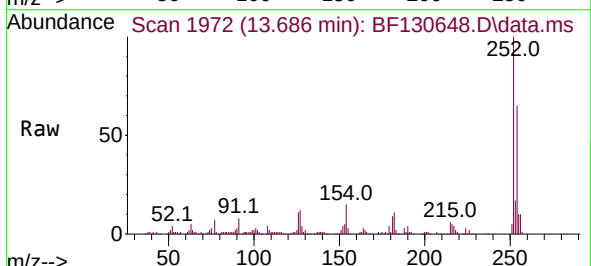
Tgt Ion:228 Resp: 504570
Ion Ratio Lower Upper
228 100
226 27.2 21.4 32.2
229 19.2 15.8 23.8

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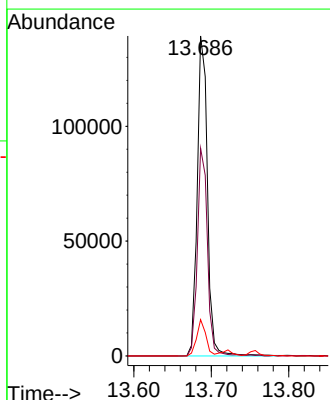
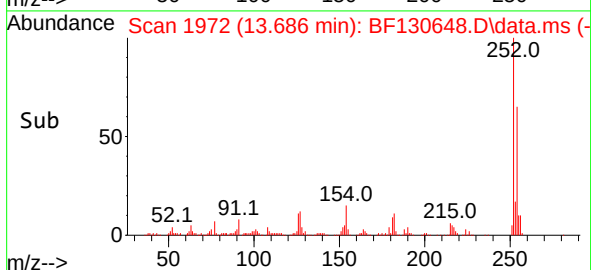
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022

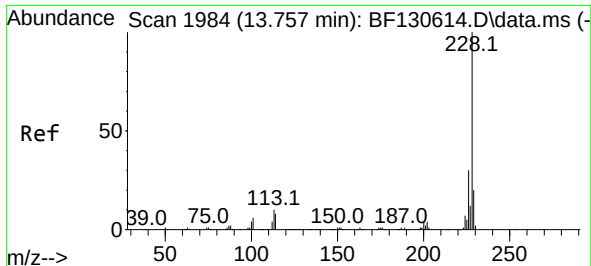


#82
3,3'-Dichlorobenzidine
Concen: 42.409 ng
RT: 13.686 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BF130648.D
Acq: 13 Oct 2022 15:43



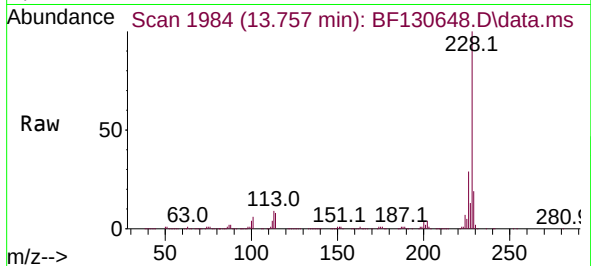
Tgt Ion:252 Resp: 127279
Ion Ratio Lower Upper
252 100
254 64.9 50.9 76.3
126 11.3 10.2 15.4





#83
Chrysene
Concen: 47.290 ng
RT: 13.757 min Scan# 1984
Delta R.T. 0.000 min
Lab File: BF130648.D
Acq: 13 Oct 2022 15:43

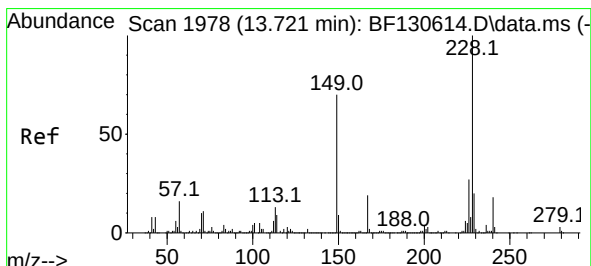
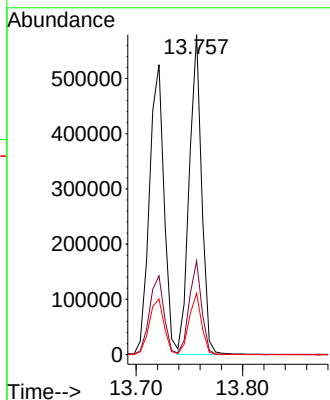
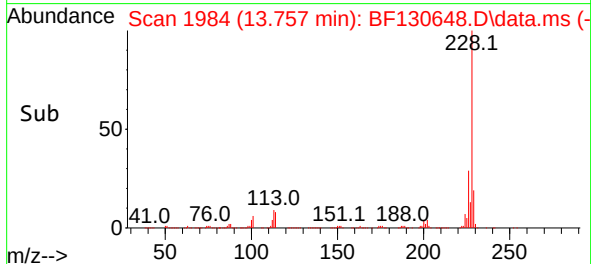
Instrument :
BNA_F
ClientSampleId :
MOUNT-LAUREL-COMP-2-MOUNT-LAUREL-VOC-2MSD



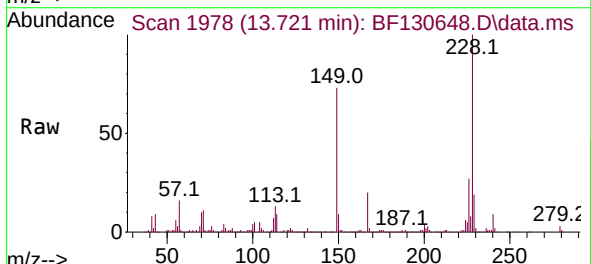
Tgt Ion:228 Resp: 465678
Ion Ratio Lower Upper
228 100
226 29.3 23.9 35.9
229 19.2 15.9 23.9

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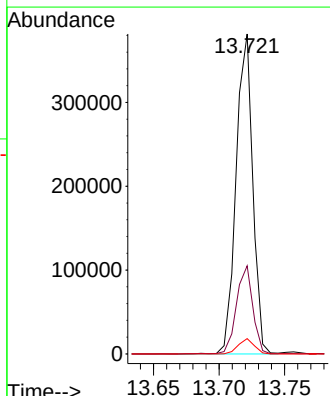
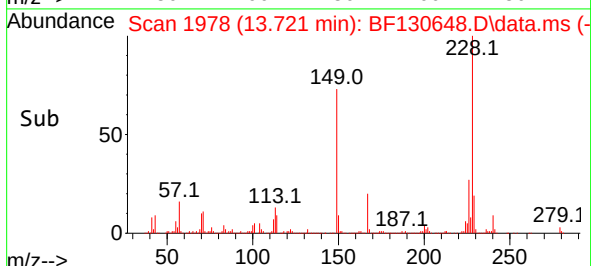
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022

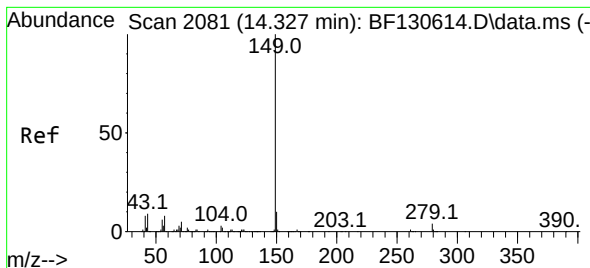


#84
Bis(2-ethylhexyl)phthalate
Concen: 54.218 ng
RT: 13.721 min Scan# 1978
Delta R.T. 0.000 min
Lab File: BF130648.D
Acq: 13 Oct 2022 15:43



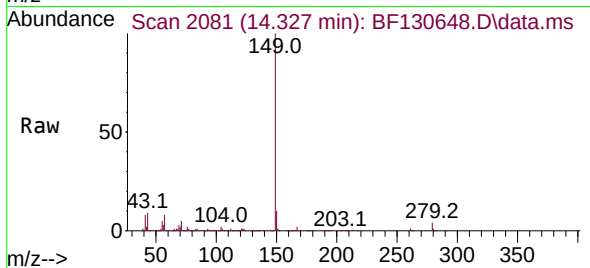
Tgt Ion:149 Resp: 336094
Ion Ratio Lower Upper
149 100
167 27.5 21.9 32.9
279 4.8 3.8 5.6





#85
Di-n-octyl phthalate
Concen: 50.982 ng
RT: 14.327 min Scan# 2081
Delta R.T. 0.000 min
Lab File: BF130648.D
Acq: 13 Oct 2022 15:43

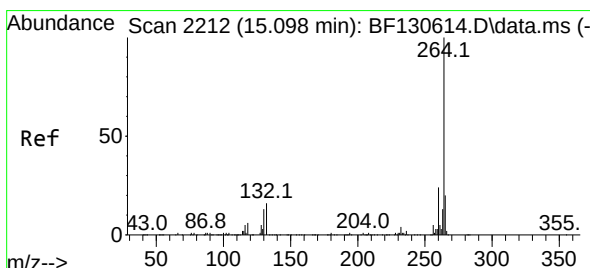
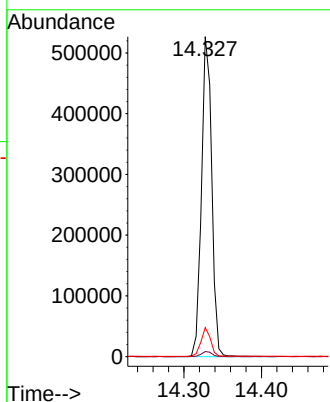
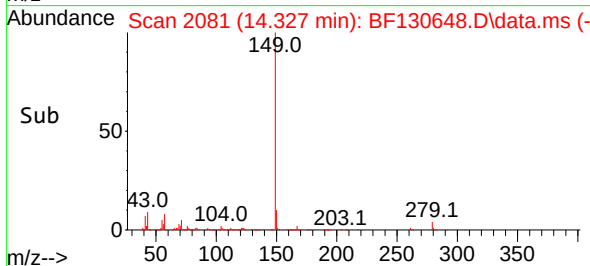
Instrument : BNA_F
Client Sample Id : MOUNT-LAUREL-COMP-2-MOUNT-LAUREL-VOC-2MSD



Tgt Ion:149 Resp: 484004
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 8.4 7.2 10.8

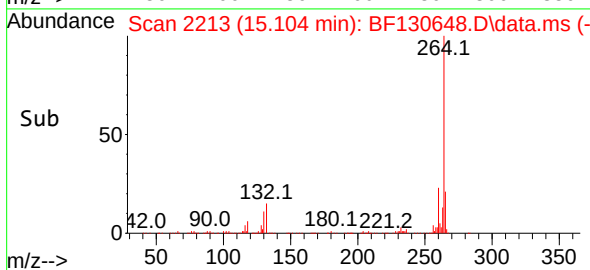
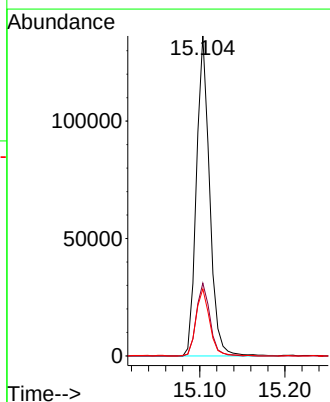
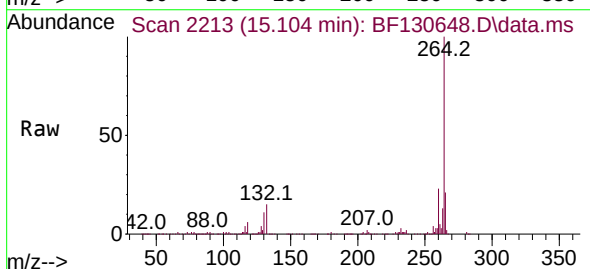
Manual Integrations
APPROVED

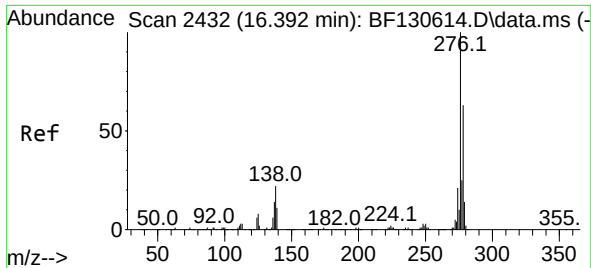
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.104 min Scan# 2213
Delta R.T. 0.006 min
Lab File: BF130648.D
Acq: 13 Oct 2022 15:43

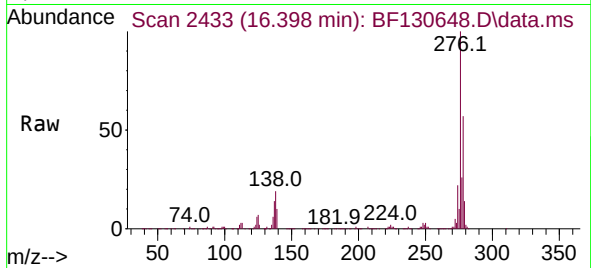
Tgt Ion:264 Resp: 145964
Ion Ratio Lower Upper
264 100
260 22.8 19.1 28.7
265 21.0 16.4 24.6





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 52.363 ng
 RT: 16.398 min Scan# 2432
 Delta R.T. 0.006 min
 Lab File: BF130648.D
 Acq: 13 Oct 2022 15:43

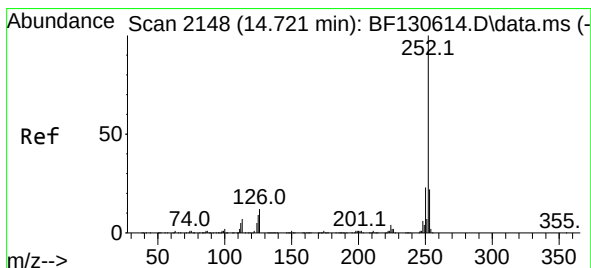
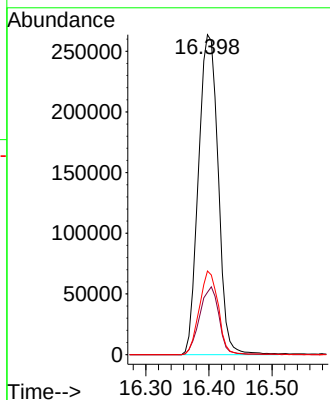
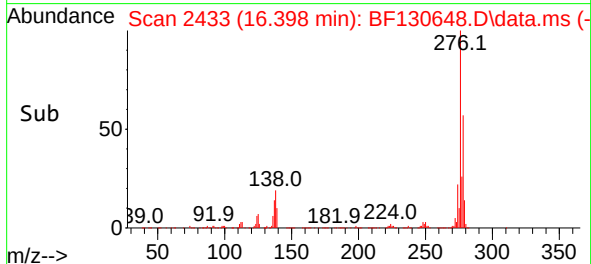
Instrument :
 BNA_F
 ClientSampleId :
 MOUNT-LAUREL-COMP-2-MOUNT-LAUREL-VOC-2MSD



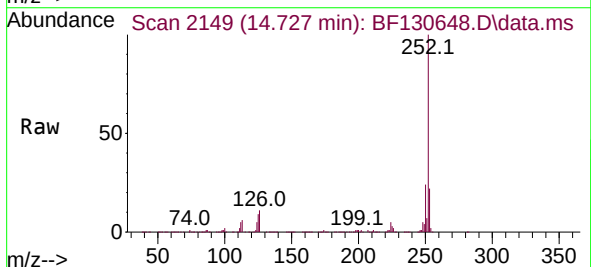
Tgt Ion:276 Resp: 572061
 Ion Ratio Lower Upper
 276 100
 138 20.7 18.0 27.0
 277 24.9 20.0 30.0

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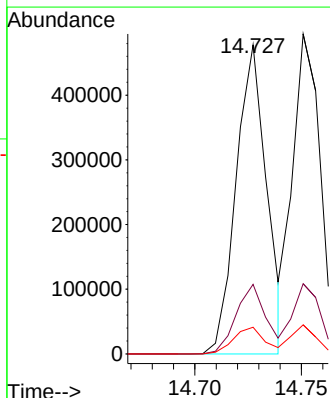
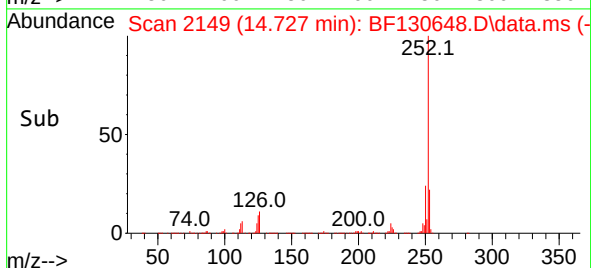
Reviewed By :Christian Giraldo 10/14/2022
 Supervised By :Jagrut Upadhyay 10/14/2022

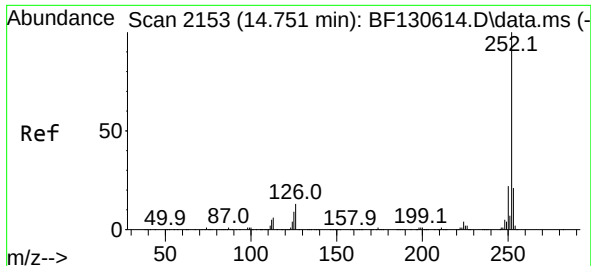


#88
 Benzo(b)fluoranthene
 Concen: 51.617 ng
 RT: 14.727 min Scan# 2149
 Delta R.T. 0.006 min
 Lab File: BF130648.D
 Acq: 13 Oct 2022 15:43



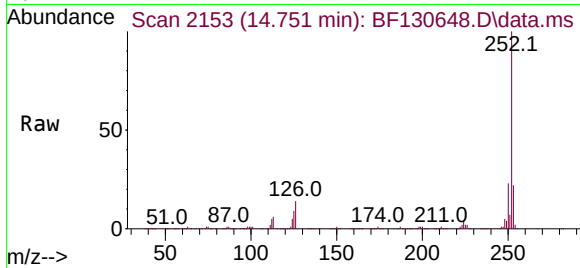
Tgt Ion:252 Resp: 477081
 Ion Ratio Lower Upper
 252 100
 253 22.5 17.4 26.2
 125 8.6 7.4 11.0





#89
Benzo(k)fluoranthene
Concen: 48.564 ng
RT: 14.751 min Scan# 2153
Delta R.T. 0.000 min
Lab File: BF130648.D
Acq: 13 Oct 2022 15:43

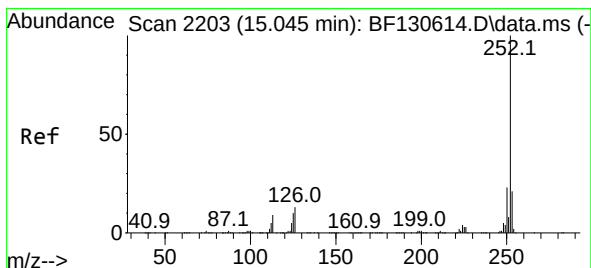
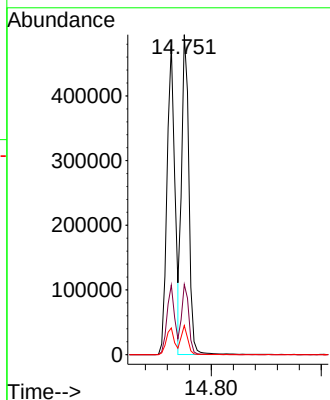
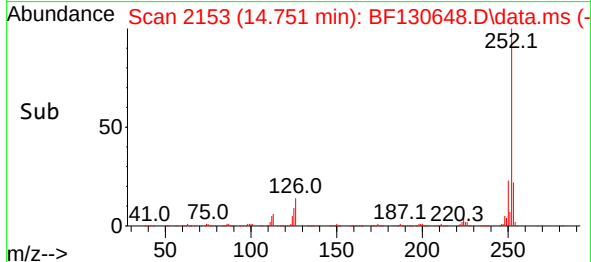
Instrument : BNA_F
ClientSampleId : MOUNT-LAUREL-COMP-2-MOUNT-LAUREL-VOC-2MSD



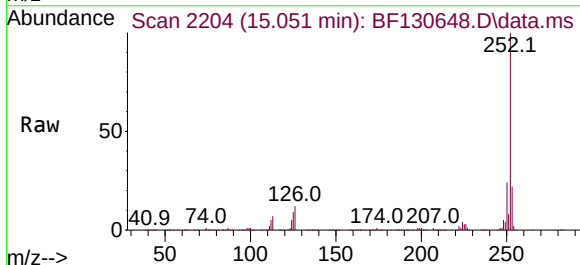
Tgt Ion:252 Resp: 45704
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.4
125 9.1 7.2 10.8

Manual Integrations
APPROVED

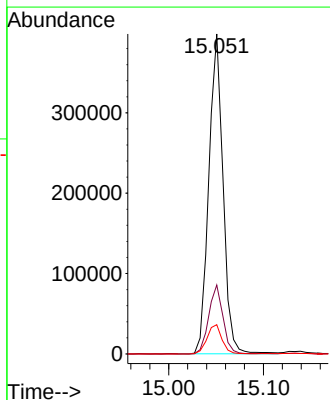
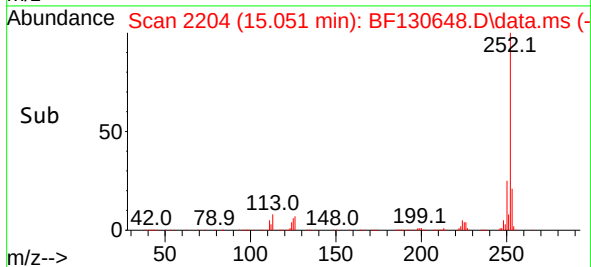
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022

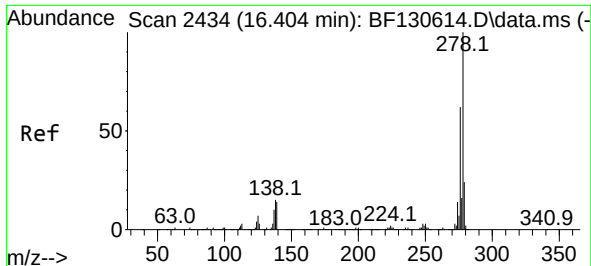


#90
Benzo(a)pyrene
Concen: 54.174 ng
RT: 15.051 min Scan# 2204
Delta R.T. 0.006 min
Lab File: BF130648.D
Acq: 13 Oct 2022 15:43



Tgt Ion:252 Resp: 416737
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.6
125 9.1 8.4 12.6





#91

Dibenzo(a,h)anthracene

Concen: 55.587 ng

RT: 16.410 min Scan# 2434

Delta R.T. 0.006 min

Lab File: BF130648.D

Acq: 13 Oct 2022 15:43

Instrument :

BNA_F

ClientSampleId :

MOUNT-LAUREL-COMP-2-MOUNT-LAUREL-VOC-2MSD

Tgt Ion:278 Resp: 497783

Ion Ratio Lower Upper

278 100

139 13.6 11.1 16.7

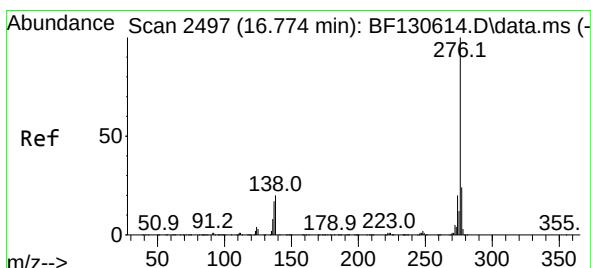
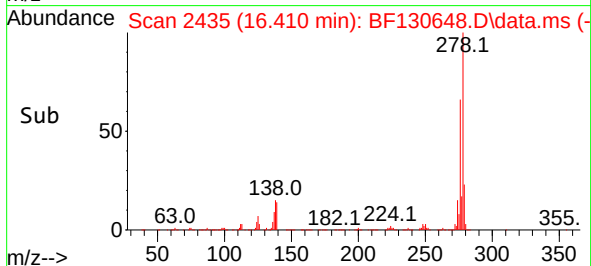
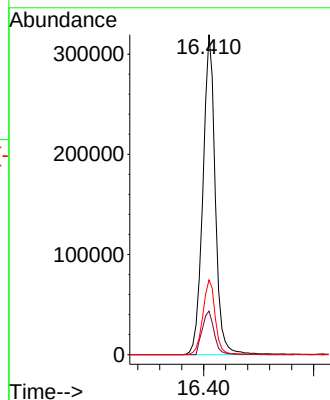
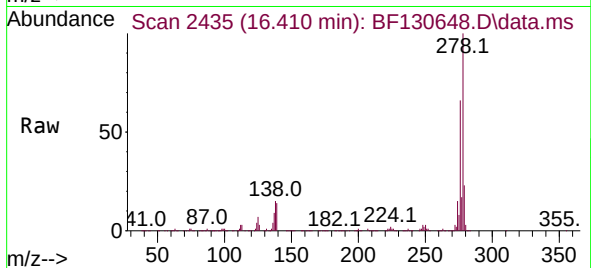
279 23.3 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/14/2022

Supervised By :Jagrut Upadhyay 10/14/2022



#92

Benzo(g,h,i)perylene

Concen: 58.334 ng

RT: 16.786 min Scan# 2499

Delta R.T. 0.012 min

Lab File: BF130648.D

Acq: 13 Oct 2022 15:43

Tgt Ion:276 Resp: 486545

Ion Ratio Lower Upper

276 100

277 23.3 18.9 28.3

138 18.7 15.9 23.9

