

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101122\
 Data File : BF130618.D
 Acq On : 11 Oct 2022 14:58
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF101122

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 10/12/2022
 Supervised By : Jagrut Upadhyay 10/12/2022

Quant Time: Oct 12 06:57:24 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.586	152	83850	20.000	ng	0.00
21) Naphthalene-d8	7.875	136	316474	20.000	ng	0.00
39) Acenaphthene-d10	9.622	164	169665	20.000	ng	0.00
64) Phenanthrene-d10	11.098	188	286104	20.000	ng	0.00
76) Chrysene-d12	13.727	240	167871	20.000	ng	0.00
86) Perylene-d12	15.098	264	144165	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.181	112	399325	85.844	ng	0.00
7) Phenol-d6	6.239	99	490984	83.950	ng	0.00
23) Nitrobenzene-d5	7.163	82	486417	83.905	ng	0.00
42) 2,4,6-Tribromophenol	10.410	330	149311	89.938	ng	0.00
45) 2-Fluorobiphenyl	8.951	172	944166	84.294	ng	0.00
79) Terphenyl-d14	12.680	244	886333	87.631	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.146	88	86164	30.617	ng	99
3) Pyridine	2.804	79	224490	44.594	ng	97
4) n-Nitrosodimethylamine	2.769	42	104258	43.956	ng	89
6) Aniline	6.257	93	293462	41.911	ng	99
8) 2-Chlorophenol	6.375	128	235221	42.998	ng	97
9) Benzaldehyde	6.139	77	147584	40.164	ng	99
10) Phenol	6.251	94	281740	41.634	ng	99
11) bis(2-Chloroethyl)ether	6.334	93	206081	41.924	ng	99
12) 1,3-Dichlorobenzene	6.528	146	254908	42.558	ng	100
13) 1,4-Dichlorobenzene	6.610	146	259407	42.690	ng	96
14) 1,2-Dichlorobenzene	6.757	146	244508	43.206	ng	99
15) Benzyl Alcohol	6.745	79	186069	44.313	ng	98
16) 2,2'-oxybis(1-Chloropr...	6.875	45	262720	41.543	ng	99
17) 2-Methylphenol	6.863	107	187362	43.056	ng	97
18) Hexachloroethane	7.098	117	97272	42.315	ng	99
19) n-Nitroso-di-n-propyla...	7.016	70	155016	41.082	ng	100
20) 3+4-Methylphenols	7.016	107	238623	40.923	ng	98
22) Acetophenone	7.010	105	314590	41.438	ng	99
24) Nitrobenzene	7.181	77	244711	41.974	ng	99
25) Isophorone	7.422	82	398463	41.298	ng	100
26) 2-Nitrophenol	7.498	139	123814	43.306	ng	98
27) 2,4-Dimethylphenol	7.539	122	165623	41.563	ng	98
28) bis(2-Chloroethoxy)met...	7.633	93	231867	41.503	ng	99
29) 2,4-Dichlorophenol	7.739	162	192867	43.260	ng	98
30) 1,2,4-Trichlorobenzene	7.816	180	204616	42.571	ng	100
31) Naphthalene	7.892	128	683509	41.723	ng	99
32) Benzoic acid	7.686	122	108965m	43.224	ng	
33) 4-Chloroaniline	7.951	127	264462	41.674	ng	99
34) Hexachlorobutadiene	8.010	225	131896	44.214	ng	97
35) Caprolactam	8.333	113	56080	41.807	ng	93
36) 4-Chloro-3-methylphenol	8.439	107	203156	42.009	ng	94
37) 2-Methylnaphthalene	8.586	142	443009	42.972	ng	100
38) 1-Methylnaphthalene	8.680	142	426686	42.635	ng	98
40) 1,2,4,5-Tetrachloroben...	8.751	216	196408	42.668	ng	99
41) Hexachlorocyclopentadiene	8.733	237	61224	40.427	ng	99
43) 2,4,6-Trichlorophenol	8.869	196	134195	43.418	ng	99

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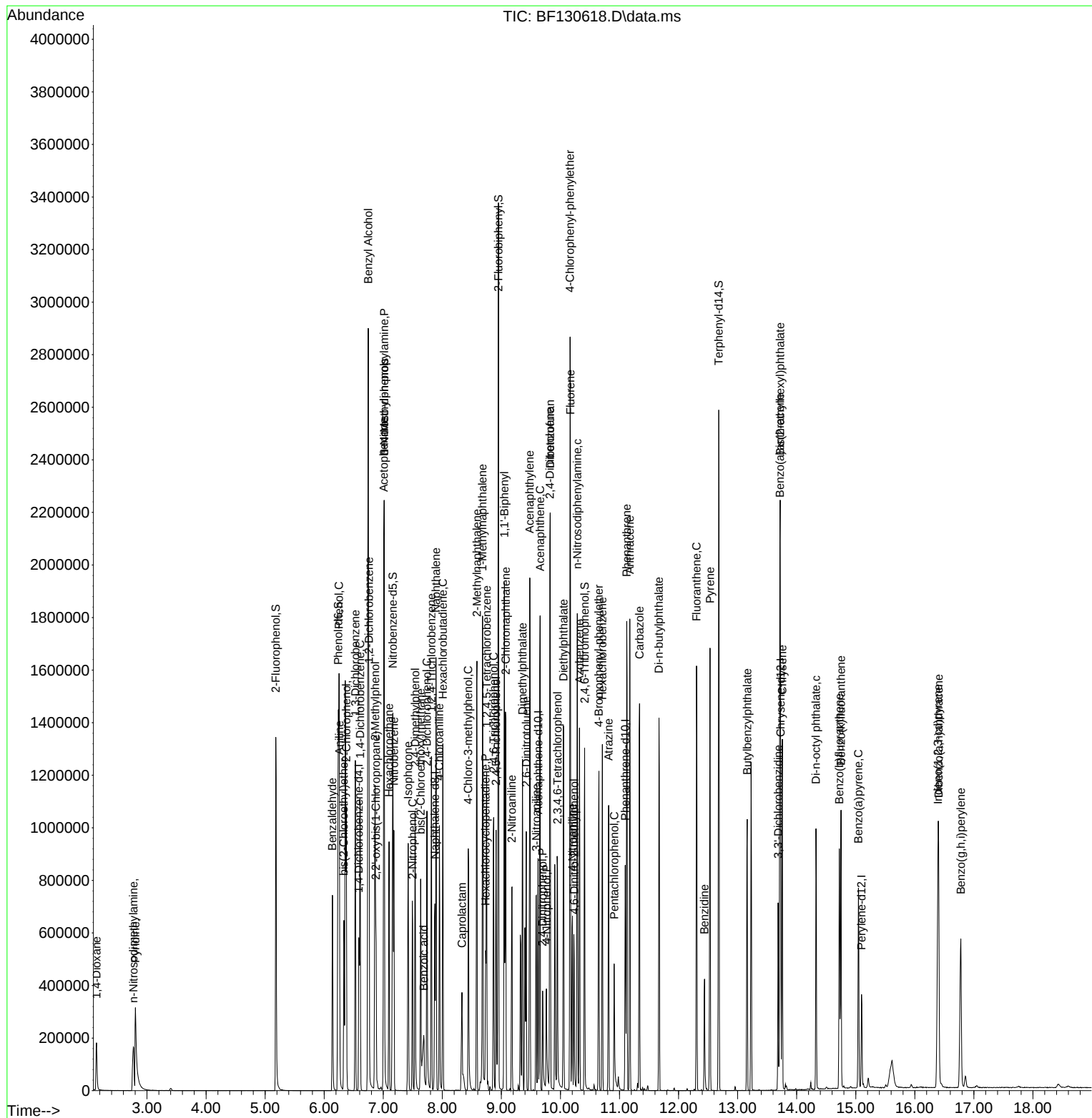
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.910	196	146337	43.053	ng	98
46) 1,1'-Biphenyl	9.051	154	517860	42.117	ng	100
47) 2-Chloronaphthalene	9.075	162	424964	42.288	ng	100
48) 2-Nitroaniline	9.175	65	128650	42.527	ng	90
49) Acenaphthylene	9.480	152	628801	41.760	ng	100
50) Dimethylphthalate	9.357	163	498273	42.425	ng	99
51) 2,6-Dinitrotoluene	9.422	165	109020	42.317	ng	97
52) Acenaphthene	9.657	154	382887	41.970	ng	99
53) 3-Nitroaniline	9.592	138	118087	41.815	ng	94
54) 2,4-Dinitrophenol	9.698	184	48634	39.716	ng	# 82
55) Dibenzofuran	9.827	168	585344	42.119	ng	99
56) 4-Nitrophenol	9.763	139	70920	45.546	ng	98
57) 2,4-Dinitrotoluene	9.822	165	141250	42.660	ng	96
58) Fluorene	10.169	166	474848	41.560	ng	100
59) 2,3,4,6-Tetrachlorophenol	9.951	232	113593	41.919	ng	99
60) Diethylphthalate	10.051	149	491421	41.936	ng	99
61) 4-Chlorophenyl-phenyle...	10.163	204	221580	42.896	ng	98
62) 4-Nitroaniline	10.204	138	109493	40.609	ng	99
63) Azobenzene	10.322	77	449118	40.692	ng	99
65) 4,6-Dinitro-2-methylph...	10.233	198	80996	45.302	ng	97
66) n-Nitrosodiphenylamine	10.286	169	399031	41.928	ng	98
67) 4-Bromophenyl-phenylether	10.651	248	141307	43.651	ng	98
68) Hexachlorobenzene	10.710	284	160644	43.898	ng	97
69) Atrazine	10.816	200	115220	44.461	ng	99
70) Pentachlorophenol	10.910	266	65351	45.884	ng	97
71) Phenanthrene	11.121	178	665398	41.978	ng	99
72) Anthracene	11.174	178	645079	41.669	ng	100
73) Carbazole	11.339	167	574209	41.568	ng	99
74) Di-n-butylphthalate	11.669	149	702294	41.970	ng	100
75) Fluoranthene	12.304	202	634732	41.664	ng	97
77) Benzidine	12.439	184	153278	36.124	ng	99
78) Pyrene	12.533	202	624145	43.097	ng	99
80) Butylbenzylphthalate	13.163	149	240182	43.130	ng	99
81) Benzo(a)anthracene	13.715	228	472426	41.766	ng	100
82) 3,3'-Dichlorobenzidine	13.686	252	134511	41.152	ng	98
83) Chrysene	13.757	228	444150	41.414	ng	99
84) Bis(2-ethylhexyl)phtha...	13.721	149	298882	44.270	ng	99
85) Di-n-octyl phthalate	14.327	149	455147	44.020	ng	100
87) Indeno(1,2,3-cd)pyrene	16.392	276	500272	46.363	ng	99
88) Benzo(b)fluoranthene	14.721	252	378631	41.476	ng	98
89) Benzo(k)fluoranthene	14.751	252	398711	42.894	ng	99
90) Benzo(a)pyrene	15.045	252	325066	42.784	ng	99
91) Dibenzo(a,h)anthracene	16.403	278	415789	47.010	ng	100
92) Benzo(g,h,i)perylene	16.780	276	418112	50.755	ng	99

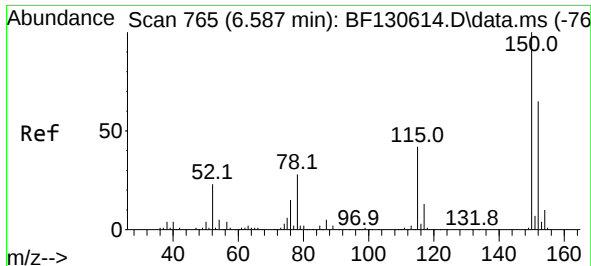
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

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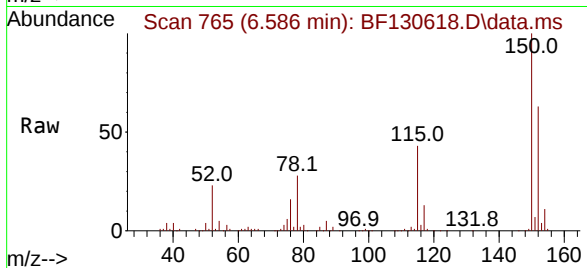
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.586 min Scan# 765
Delta R.T. -0.001 min
Lab File: BF130618.D
Acq: 11 Oct 2022 14:58

Instrument :

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ICVBF101122

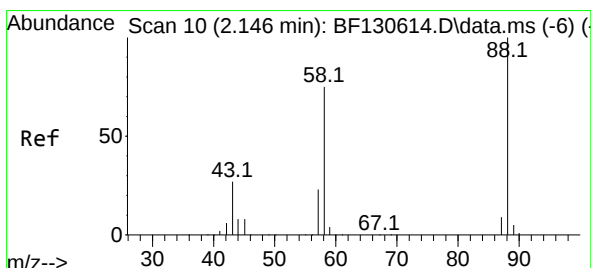
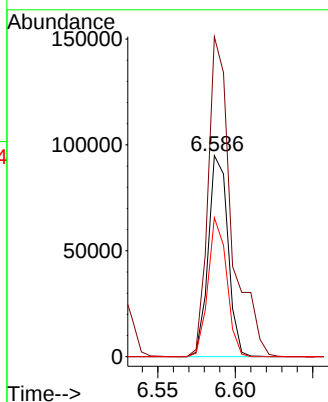
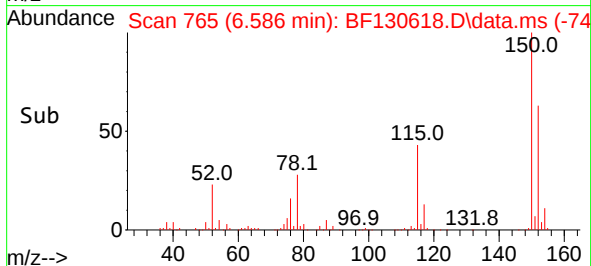


Tgt Ion:152 Resp: 83850
Ion Ratio Lower Upper
152 100
150 159.1 123.8 185.6
115 69.1 52.2 78.4

Manual Integrations

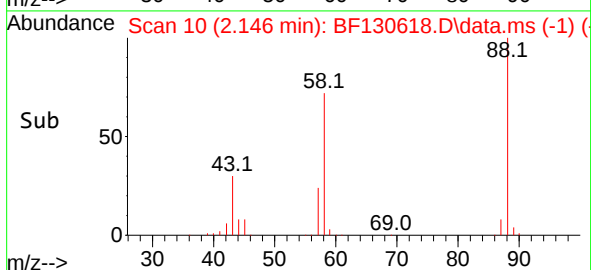
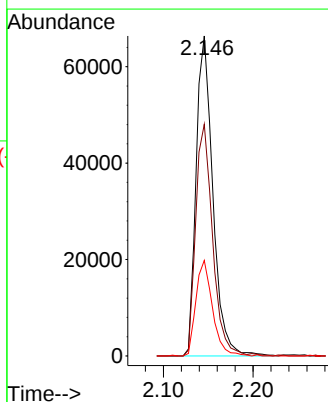
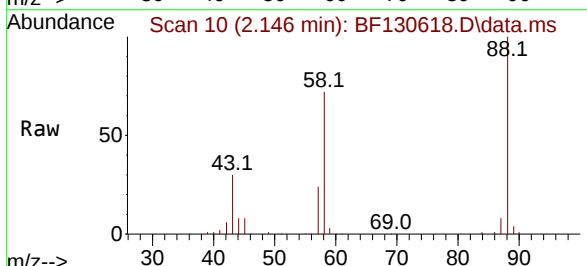
APPROVED

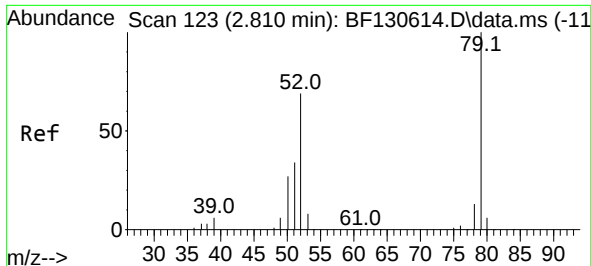
Reviewed By :Christian Giraldo 10/12/2022
Supervised By :Jagrut Upadhyay 10/12/2022



#2
1,4-Dioxane
Concen: 30.617 ng
RT: 2.146 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF130618.D
Acq: 11 Oct 2022 14:58

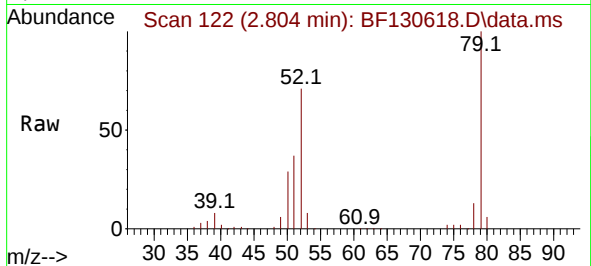
Tgt Ion: 88 Resp: 86164
Ion Ratio Lower Upper
88 100
58 73.3 58.8 88.2
43 29.6 22.2 33.4





#3
Pyridine
Concen: 44.594 ng
RT: 2.804 min Scan# 115
Delta R.T. -0.006 min
Lab File: BF130618.D
Acq: 11 Oct 2022 14:58

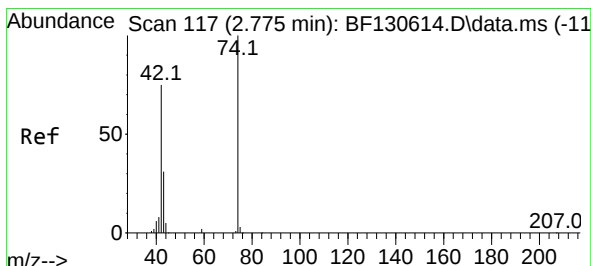
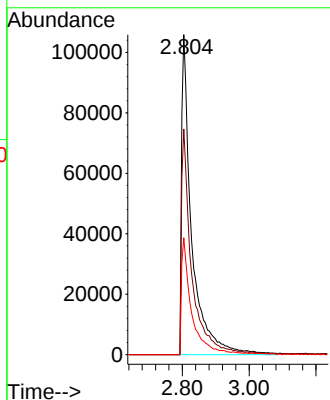
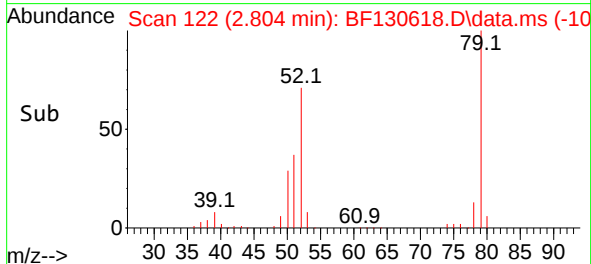
Instrument :
BNA_F
ClientSampleId :
ICVBF101122



Tgt Ion: 79 Resp: 224490
Ion Ratio Lower Upper
79 100
52 70.5 54.8 82.2
51 36.6 27.4 41.2

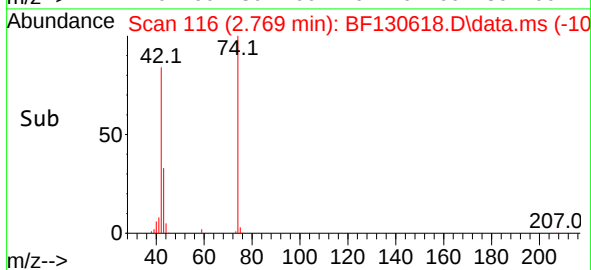
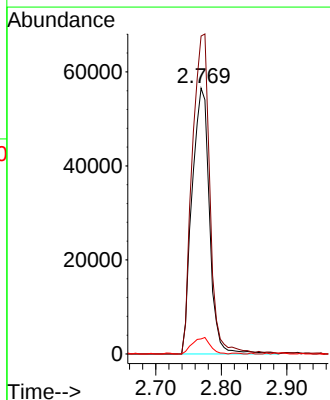
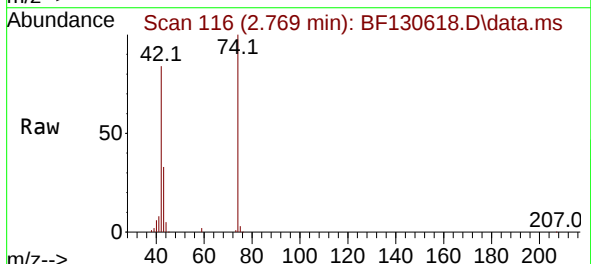
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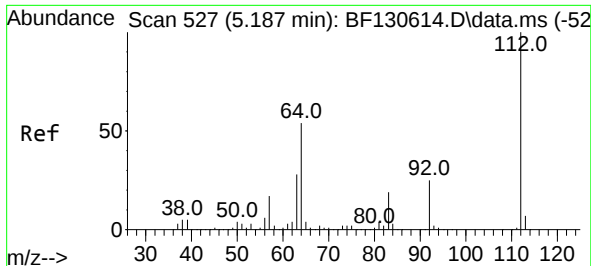
Reviewed By :Christian Giraldo 10/12/2022
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#4
n-Nitrosodimethylamine
Concen: 43.956 ng
RT: 2.769 min Scan# 116
Delta R.T. -0.006 min
Lab File: BF130618.D
Acq: 11 Oct 2022 14:58

Tgt Ion: 42 Resp: 104258
Ion Ratio Lower Upper
42 100
74 119.7 106.2 159.2
44 5.6 5.0 7.4





#5
2-Fluorophenol
Concen: 85.844 ng
RT: 5.181 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF130618.D
Acq: 11 Oct 2022 14:58

Instrument :

BNA_F

ClientSampleId :

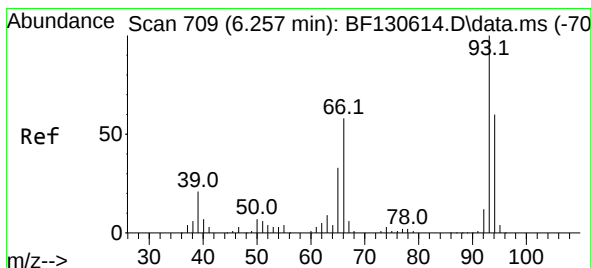
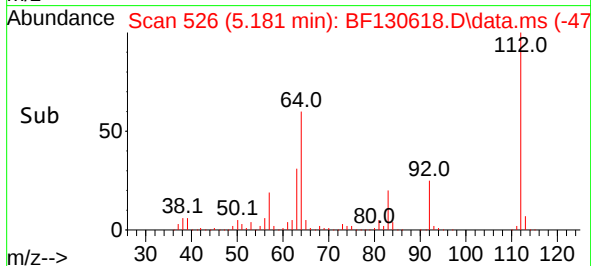
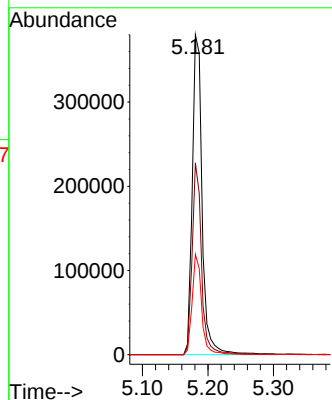
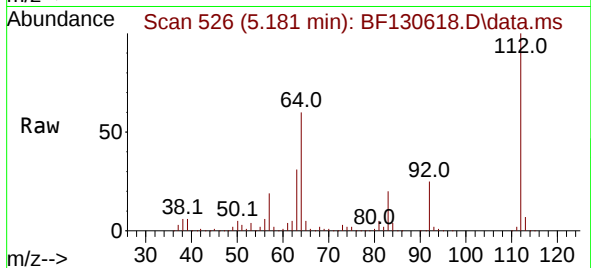
ICVBF101122

Tgt Ion:112 Resp: 399329
Ion Ratio Lower Upper
112 100
64 60.0 43.5 65.3
63 31.4 22.6 34.0

Manual Integrations

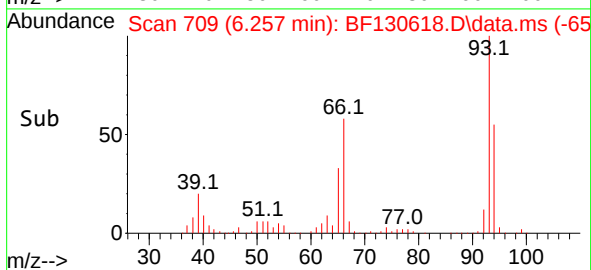
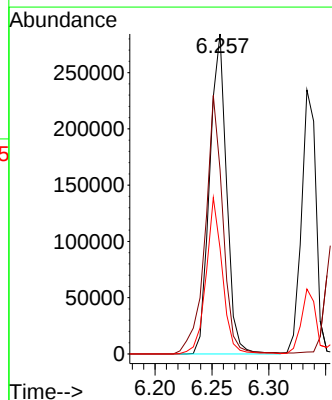
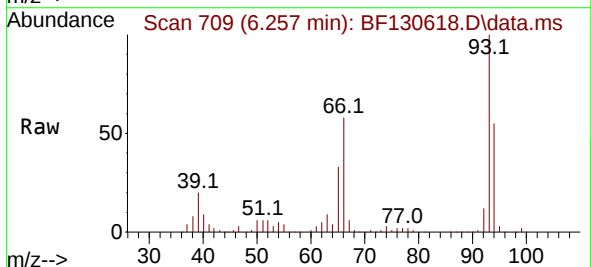
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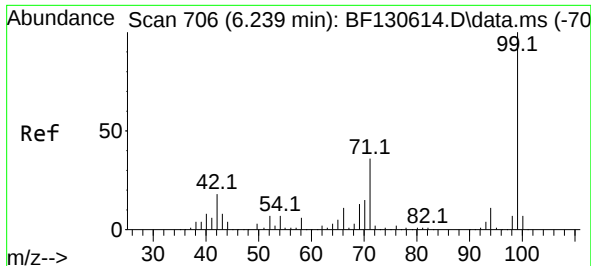
Reviewed By :Christian Giraldo 10/12/2022
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#6
Aniline
Concen: 41.911 ng
RT: 6.257 min Scan# 709
Delta R.T. -0.000 min
Lab File: BF130618.D
Acq: 11 Oct 2022 14:58

Tgt Ion: 93 Resp: 293462
Ion Ratio Lower Upper
93 100
66 57.7 47.4 71.0
65 33.1 26.6 40.0





#7

Phenol-d6

Concen: 83.950 ng

RT: 6.239 min Scan# 706

Delta R.T. -0.000 min

Lab File: BF130618.D

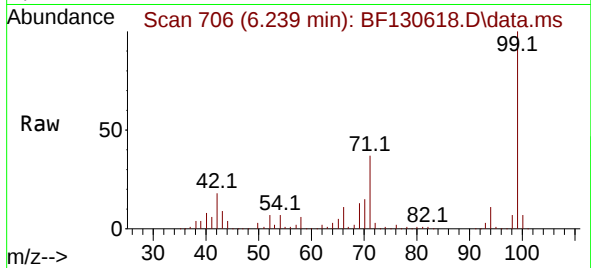
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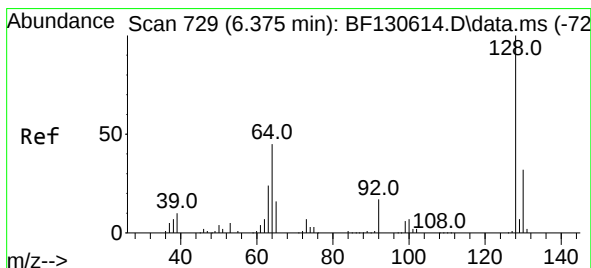
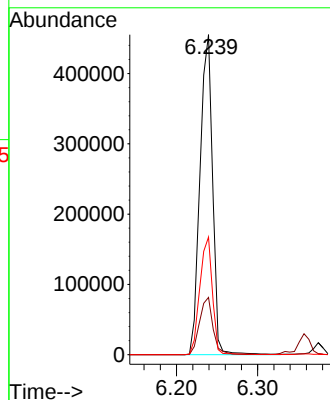
Tgt Ion: 99 Resp: 490984

Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.0	21.0
71	36.8	28.8	43.2

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#8

2-Chlorophenol

Concen: 42.998 ng

RT: 6.375 min Scan# 729

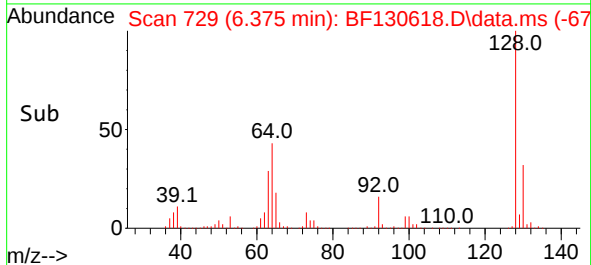
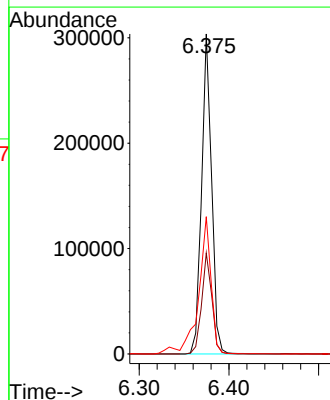
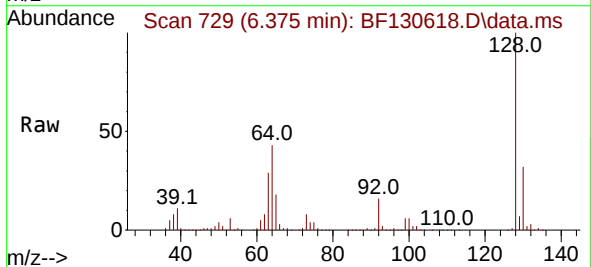
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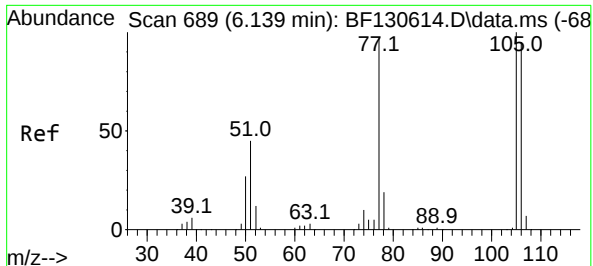
Lab File: BF130618.D

Acq: 11 Oct 2022 14:58

Tgt Ion:128 Resp: 235221

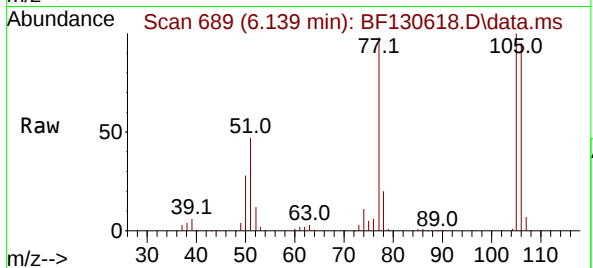
Ion	Ratio	Lower	Upper
128	100		
130	31.6	12.4	52.4
64	42.9	25.9	65.9





#9
Benzaldehyde
Concen: 40.164 ng
RT: 6.139 min Scan# 689
Delta R.T. -0.000 min
Lab File: BF130618.D
Acq: 11 Oct 2022 14:58

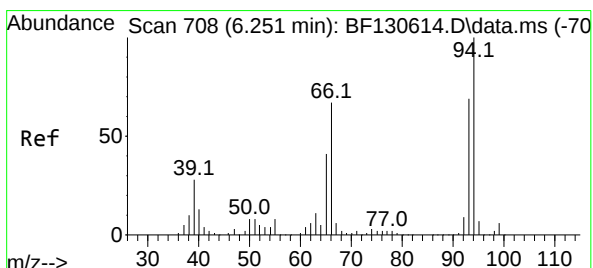
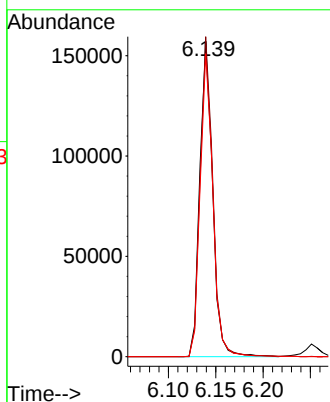
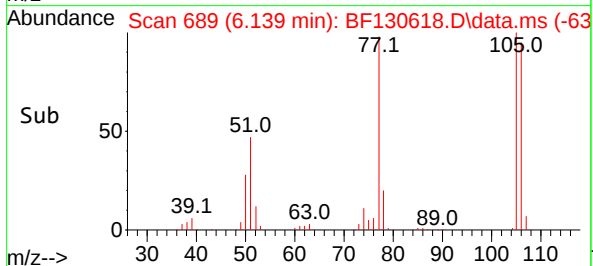
Instrument : BNA_F
ClientSampleId : ICVBF101122



Tgt Ion: 77 Resp: 147584
Ion Ratio Lower Upper
77 100
105 102.2 83.0 123.0
106 96.8 77.8 117.8

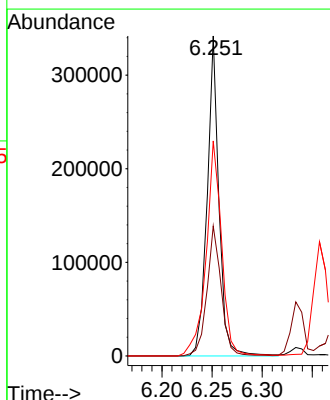
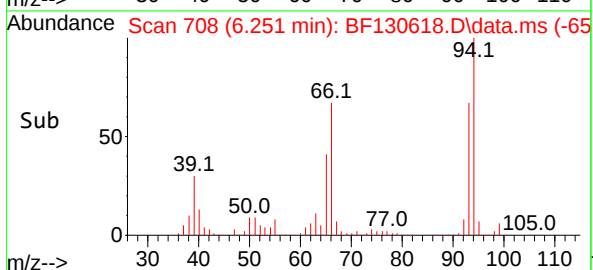
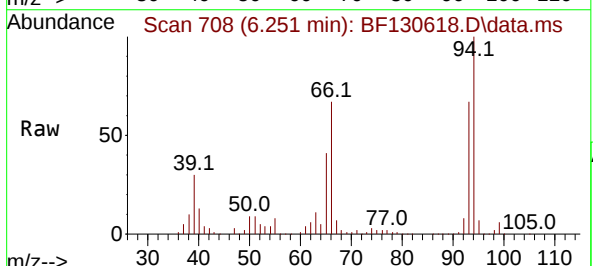
Manual Integrations
APPROVED

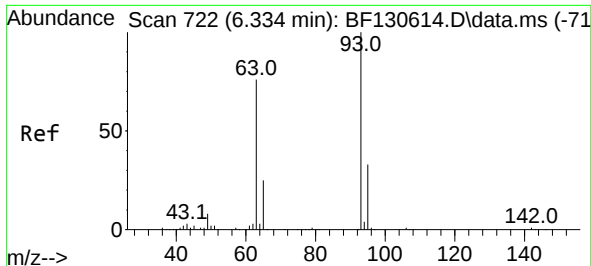
Reviewed By :Christian Giraldo 10/12/2022
Supervised By :Jagrut Upadhyay 10/12/2022



#10
Phenol
Concen: 41.634 ng
RT: 6.251 min Scan# 708
Delta R.T. -0.000 min
Lab File: BF130618.D
Acq: 11 Oct 2022 14:58

Tgt Ion: 94 Resp: 281740
Ion Ratio Lower Upper
94 100
65 40.6 21.2 61.2
66 67.2 46.9 86.9





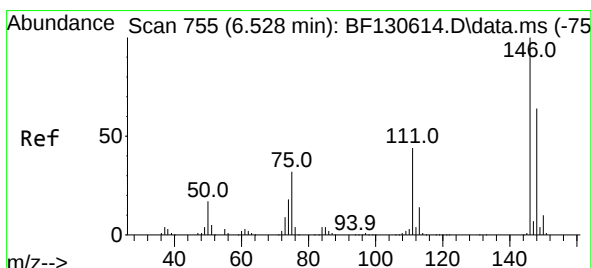
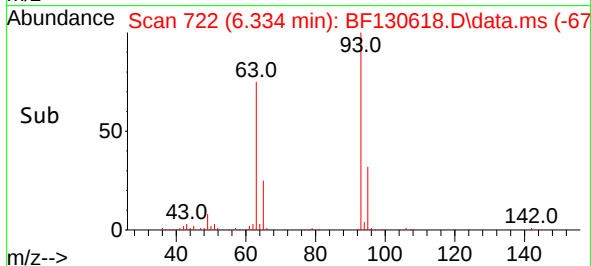
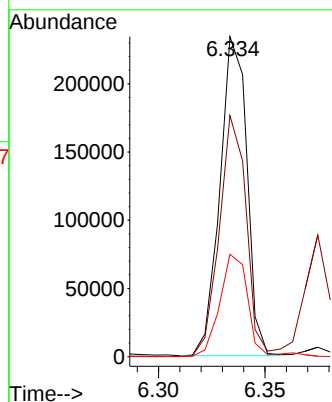
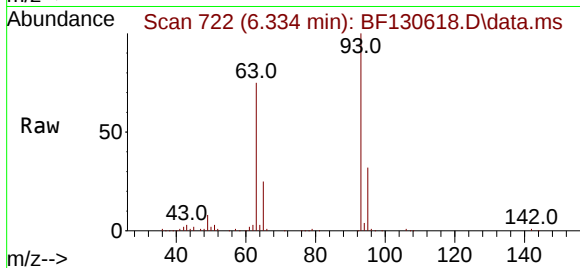
#11
bis(2-Chloroethyl)ether
Concen: 41.924 ng
RT: 6.334 min Scan# 722
Delta R.T. -0.000 min
Lab File: BF130618.D
Acq: 11 Oct 2022 14:58

Instrument :
BNA_F
ClientSampleId :
ICVBF101122

Tgt Ion: 93 Resp: 20608
Ion Ratio Lower Upper
93 100
63 75.3 56.1 96.1
95 32.0 12.4 52.4

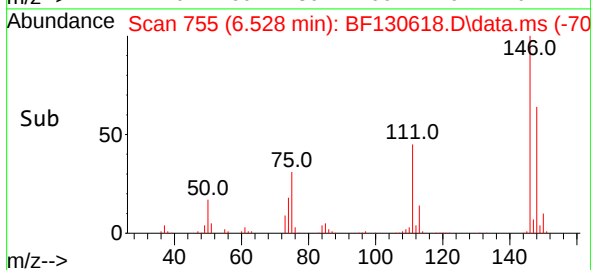
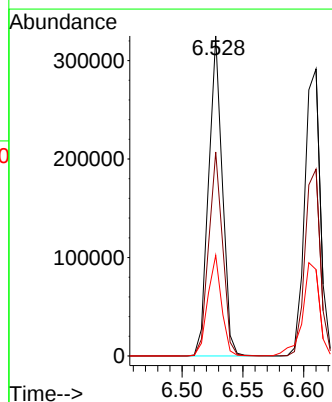
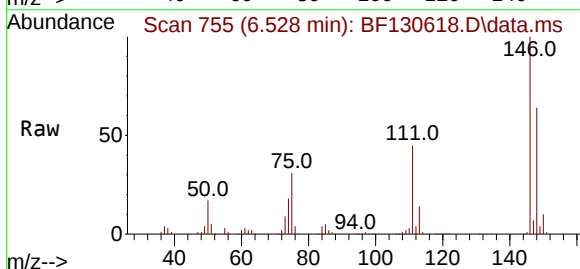
Manual Integrations
APPROVED

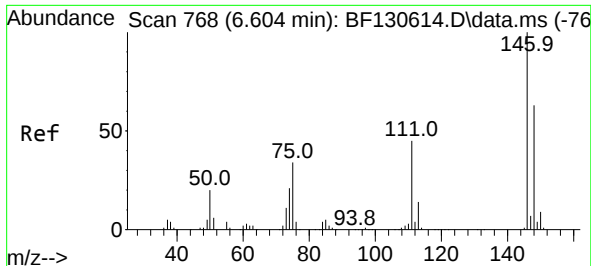
Reviewed By :Christian Giraldo 10/12/2022
Supervised By :Jagrut Upadhyay 10/12/2022



#12
1,3-Dichlorobenzene
Concen: 42.558 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.000 min
Lab File: BF130618.D
Acq: 11 Oct 2022 14:58

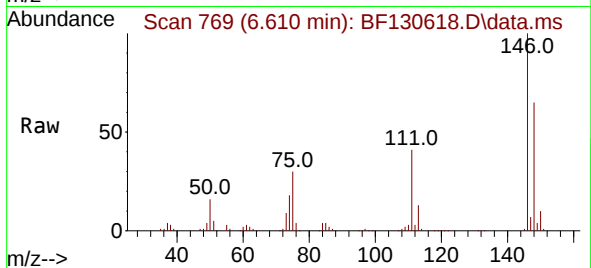
Tgt Ion:146 Resp: 254908
Ion Ratio Lower Upper
146 100
148 63.7 51.3 76.9
75 31.5 25.2 37.8





#13
1,4-Dichlorobenzene
Concen: 42.690 ng
RT: 6.610 min Scan# 768
Delta R.T. 0.006 min
Lab File: BF130618.D
Acq: 11 Oct 2022 14:58

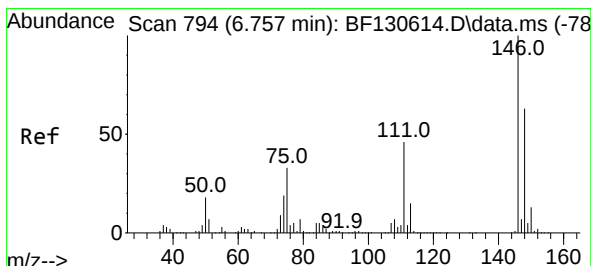
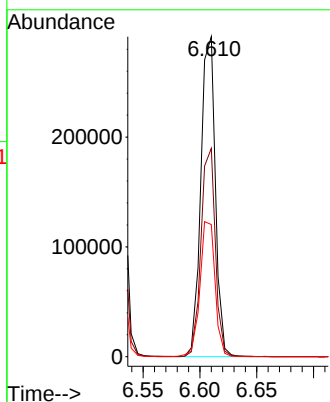
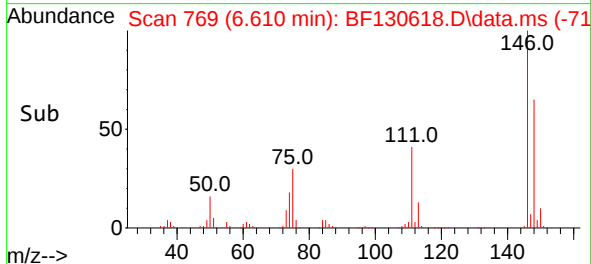
Instrument :
BNA_F
ClientSampleId :
ICVBF101122



Tgt Ion:146 Resp: 25940
Ion Ratio Lower Upper
146 100
148 65.1 50.1 75.1
111 41.3 35.9 53.9

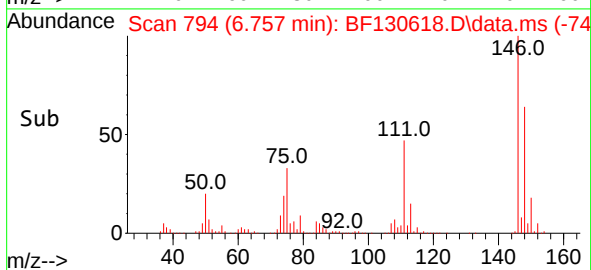
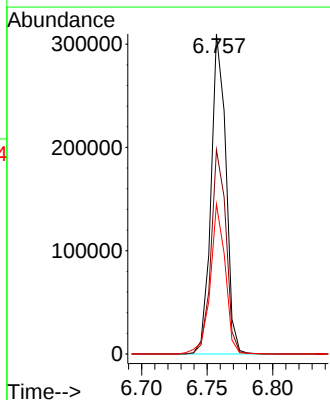
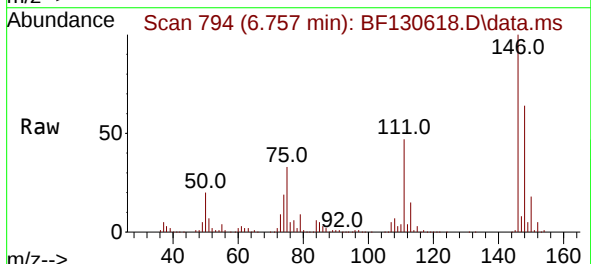
Manual Integrations
APPROVED

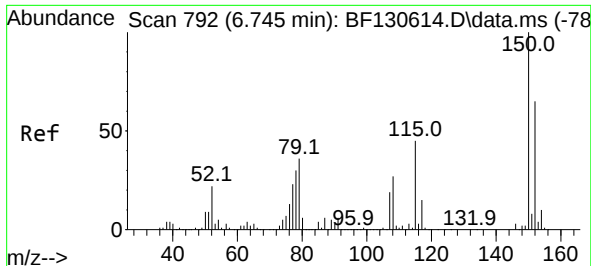
Reviewed By :Christian Giraldo 10/12/2022
Supervised By :Jagrut Upadhyay 10/12/2022



#14
1,2-Dichlorobenzene
Concen: 43.206 ng
RT: 6.757 min Scan# 794
Delta R.T. -0.000 min
Lab File: BF130618.D
Acq: 11 Oct 2022 14:58

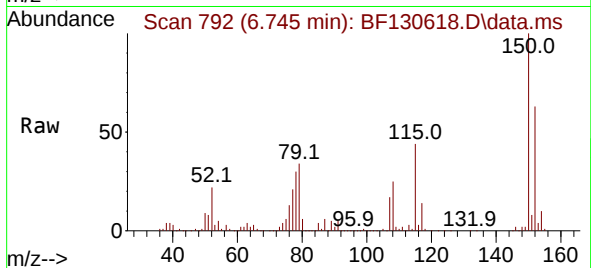
Tgt Ion:146 Resp: 244508
Ion Ratio Lower Upper
146 100
148 63.8 50.5 75.7
111 46.8 37.2 55.8





#15
Benzyl Alcohol
Concen: 44.313 ng
RT: 6.745 min Scan# 792
Delta R.T. -0.000 min
Lab File: BF130618.D
Acq: 11 Oct 2022 14:58

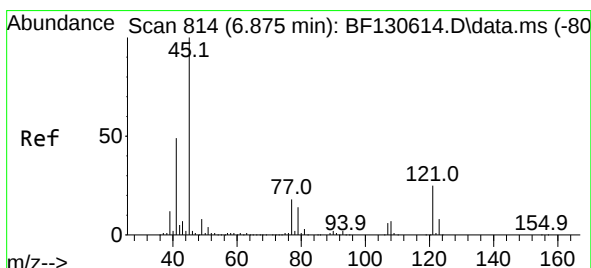
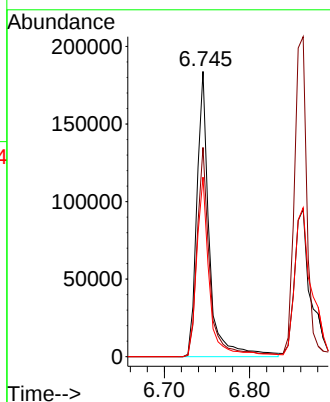
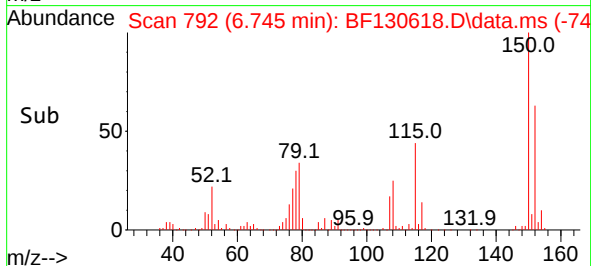
Instrument :
BNA_F
ClientSampleId :
ICVBF101122



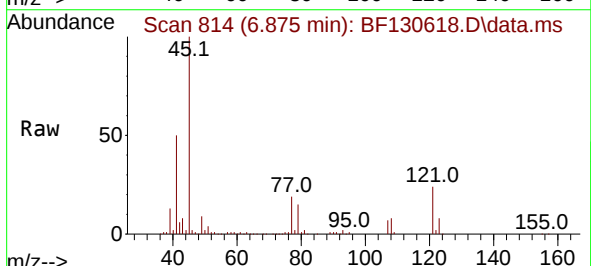
Tgt Ion: 79 Resp: 186069
Ion Ratio Lower Upper
79 100
108 73.4 59.7 89.5
77 62.9 51.8 77.6

Manual Integrations
APPROVED

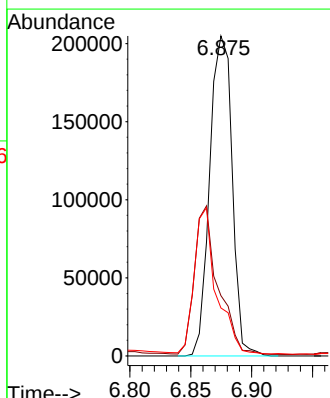
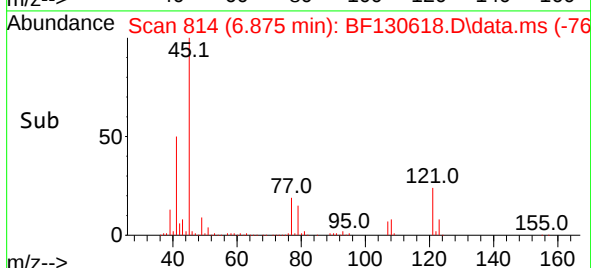
Reviewed By :Christian Giraldo 10/12/2022
Supervised By :Jagrut Upadhyay 10/12/2022

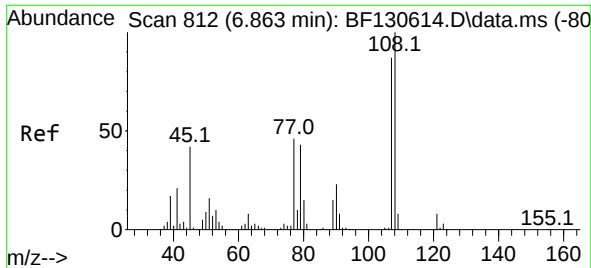


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.543 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF130618.D
Acq: 11 Oct 2022 14:58



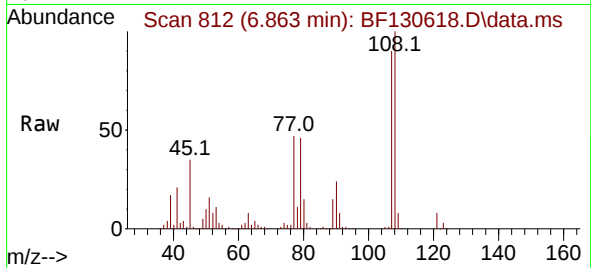
Tgt Ion: 45 Resp: 262720
Ion Ratio Lower Upper
45 100
77 18.9 0.0 38.7
79 15.0 0.0 34.6





#17
2-Methylphenol
Concen: 43.056 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.000 min
Lab File: BF130618.D
Acq: 11 Oct 2022 14:58

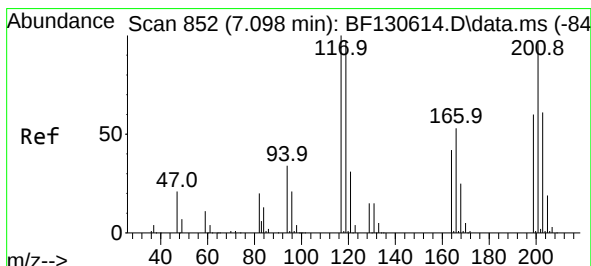
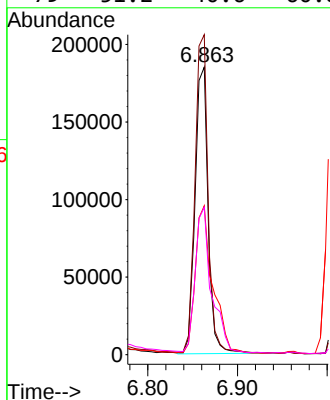
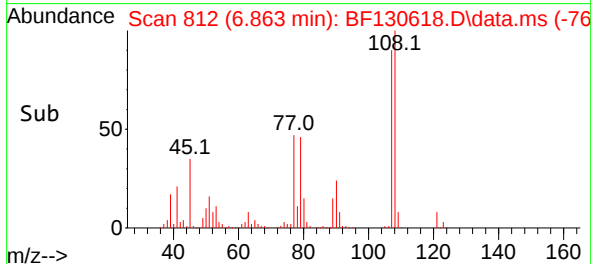
Instrument :
BNA_F
Client SampleId :
ICVBF101122



Tgt Ion:107 Resp: 187362
Ion Ratio Lower Upper
107 100
108 111.2 92.2 138.2
77 51.8 42.7 64.1
79 51.2 40.6 60.8

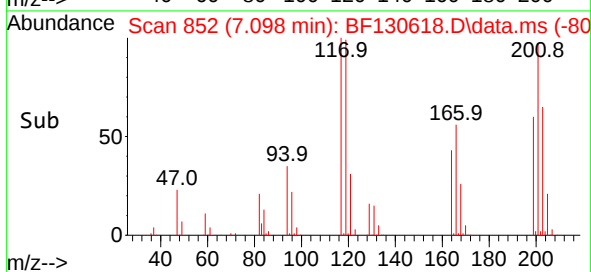
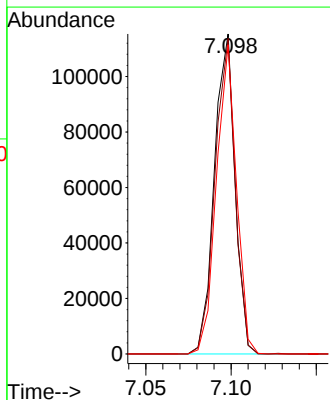
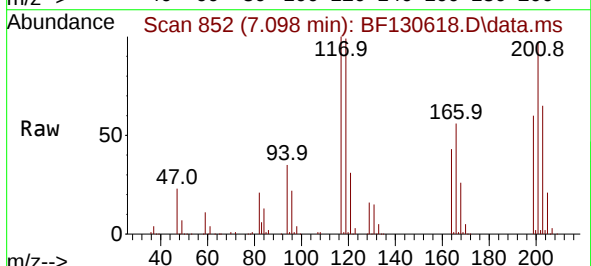
Manual Integrations
APPROVED

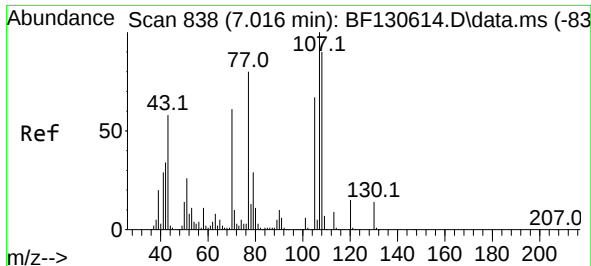
Reviewed By :Christian Giraldo 10/12/2022
Supervised By :Jagrut Upadhyay 10/12/2022



#18
Hexachloroethane
Concen: 42.315 ng
RT: 7.098 min Scan# 852
Delta R.T. -0.000 min
Lab File: BF130618.D
Acq: 11 Oct 2022 14:58

Tgt Ion:117 Resp: 97272
Ion Ratio Lower Upper
117 100
119 98.6 77.6 116.4
201 96.7 77.0 115.6





#19

n-Nitroso-di-n-propylamine

Concen: 41.082 ng

RT: 7.016 min Scan# 838

Delta R.T. -0.000 min

Lab File: BF130618.D

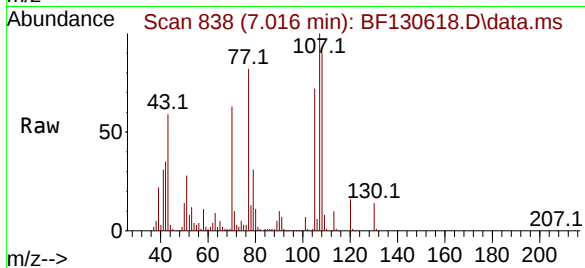
Acq: 11 Oct 2022 14:58

Instrument :

BNA_F

ClientSampleId :

ICVBF101122



Tgt Ion: 70 Resp: 155010

Ion Ratio Lower Upper

70 100

42 55.5 44.3 66.5

101 10.5 7.9 11.9

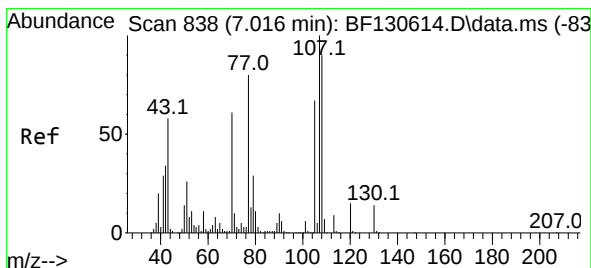
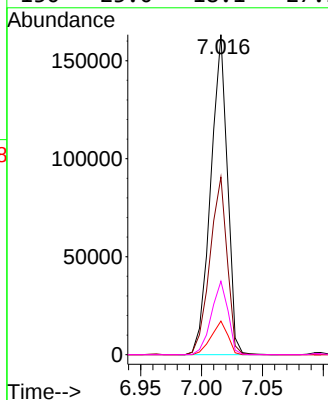
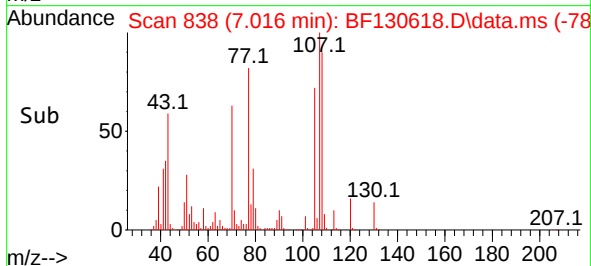
130 23.0 18.1 27.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/12/2022

Supervised By :Jagrut Upadhyay 10/12/2022



#20

3+4-Methylphenols

Concen: 40.923 ng

RT: 7.016 min Scan# 838

Delta R.T. -0.000 min

Lab File: BF130618.D

Acq: 11 Oct 2022 14:58

Tgt Ion:107 Resp: 238623

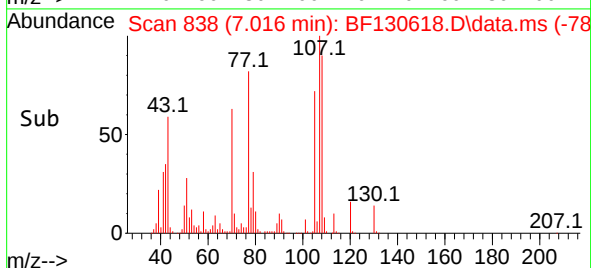
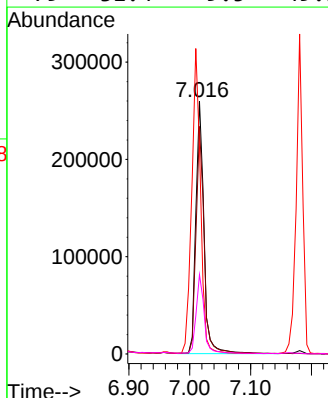
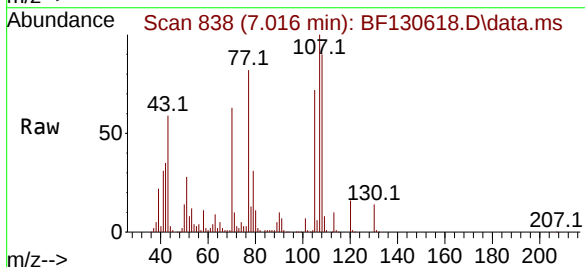
Ion Ratio Lower Upper

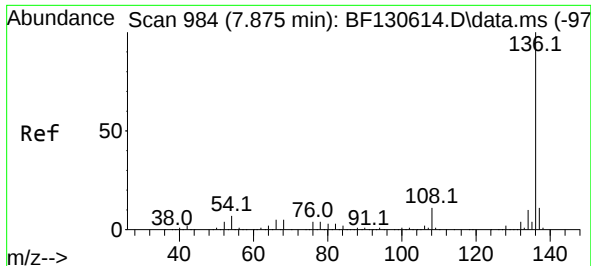
107 100

108 90.0 69.7 109.7

77 81.9 59.7 99.7

79 31.4 9.5 49.5





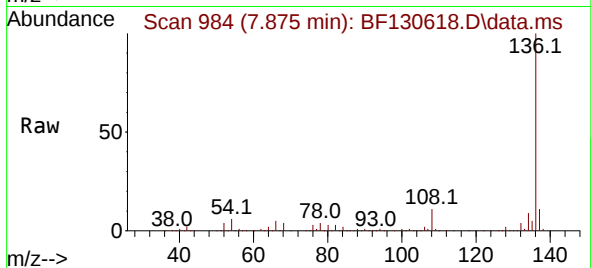
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.875 min Scan# 984
Delta R.T. -0.000 min
Lab File: BF130618.D
Acq: 11 Oct 2022 14:58

Instrument :

BNA_F

ClientSampleId :

ICVBF101122

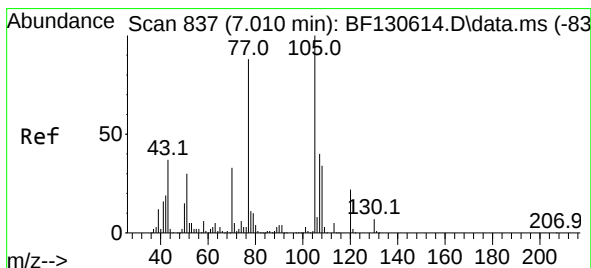
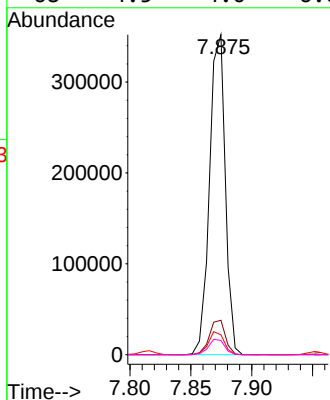
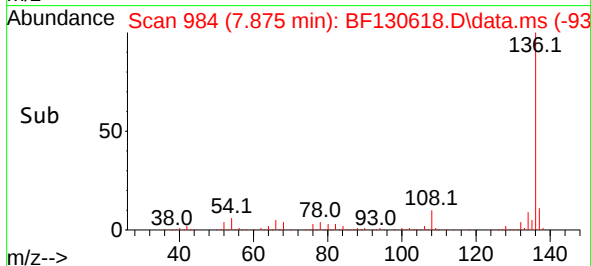


Tgt Ion:136 Resp: 316474
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 6.2 5.5 8.3
68 4.5 4.0 6.0

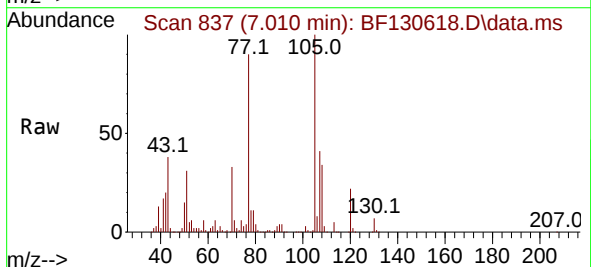
Manual Integrations

APPROVED

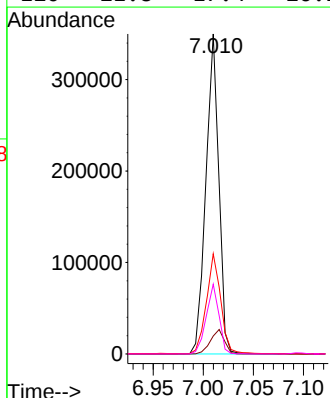
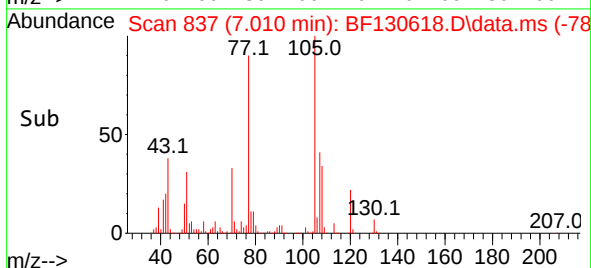
Reviewed By :Christian Giraldo 10/12/2022
Supervised By :Jagrut Upadhyay 10/12/2022

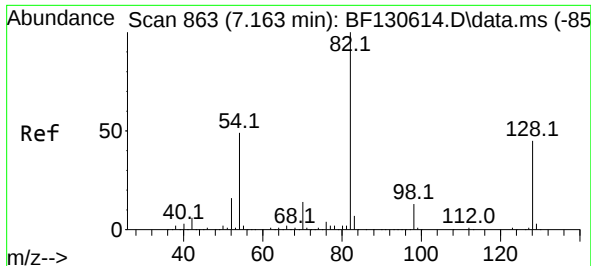


#22
Acetophenone
Concen: 41.438 ng
RT: 7.010 min Scan# 837
Delta R.T. -0.000 min
Lab File: BF130618.D
Acq: 11 Oct 2022 14:58



Tgt Ion:105 Resp: 314590
Ion Ratio Lower Upper
105 100
71 5.6 4.2 6.4
51 31.3 24.3 36.5
120 21.8 17.4 26.2





#23

Nitrobenzene-d5

Concen: 83.905 ng

RT: 7.163 min Scan# 863

Delta R.T. -0.000 min

Lab File: BF130618.D

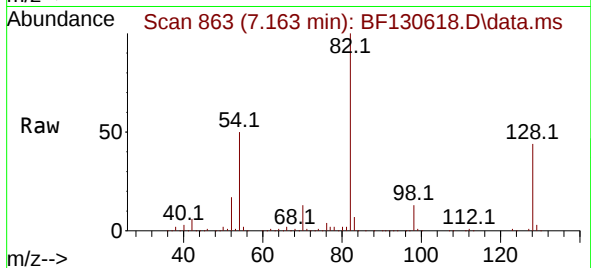
Acq: 11 Oct 2022 14:58

Instrument :

BNA_F

ClientSampleId :

ICVBF101122



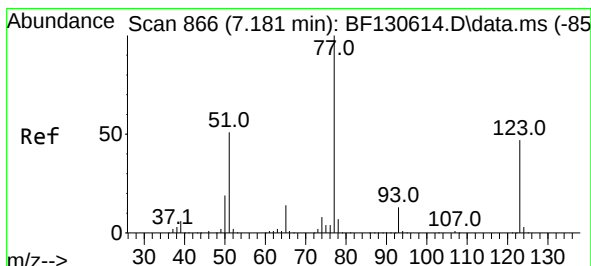
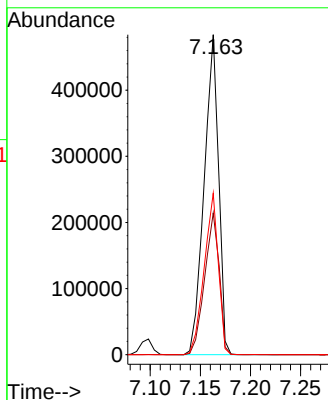
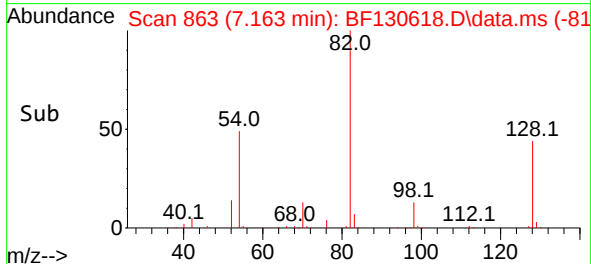
Tgt Ion: 82 Resp: 48641

Ion	Ratio	Lower	Upper
82	100		
128	44.3	35.8	53.6
54	50.5	39.3	58.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/12/2022
Supervised By :Jagrut Upadhyay 10/12/2022



#24

Nitrobenzene

Concen: 41.974 ng

RT: 7.181 min Scan# 866

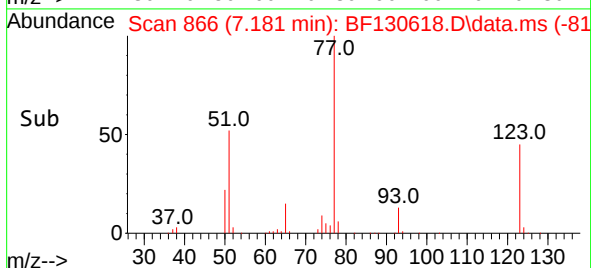
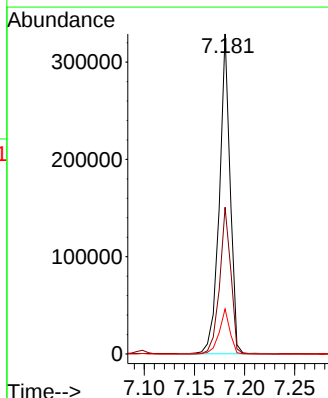
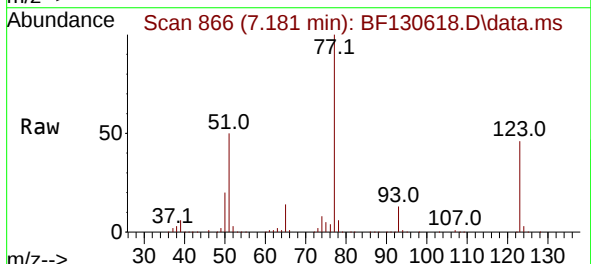
Delta R.T. -0.000 min

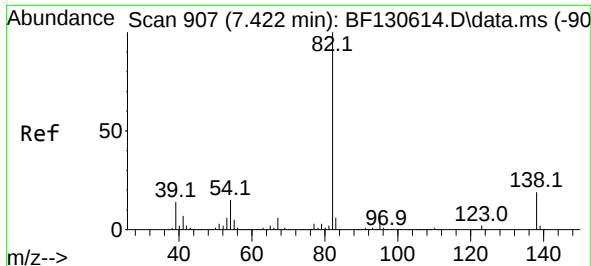
Lab File: BF130618.D

Acq: 11 Oct 2022 14:58

Tgt Ion: 77 Resp: 244711

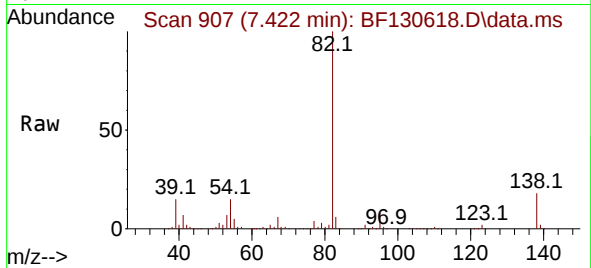
Ion	Ratio	Lower	Upper
77	100		
123	45.8	37.5	56.3
65	14.1	11.0	16.4





#25
Isophorone
Concen: 41.298 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.000 min
Lab File: BF130618.D
Acq: 11 Oct 2022 14:58

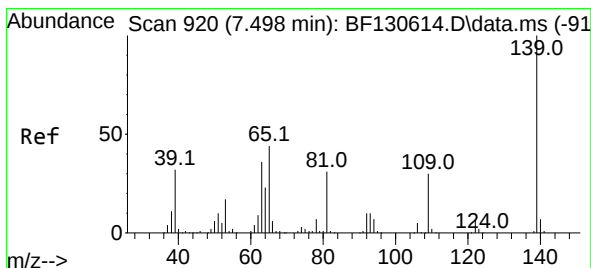
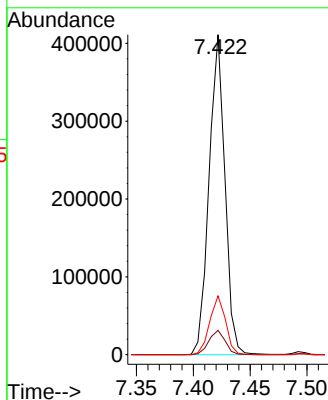
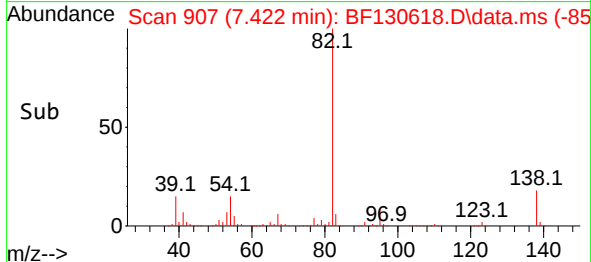
Instrument :
BNA_F
ClientSampleId :
ICVBF101122



Tgt Ion: 82 Resp: 398463
Ion Ratio Lower Upper
82 100
95 7.6 6.1 9.1
138 18.4 14.9 22.3

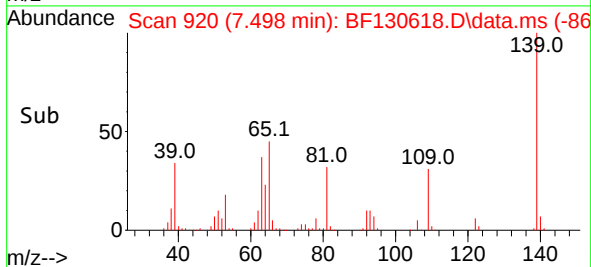
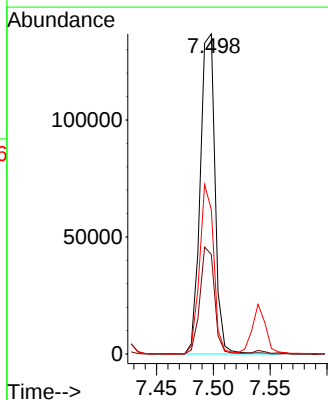
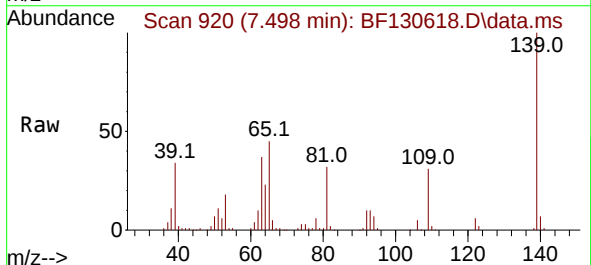
Manual Integrations
APPROVED

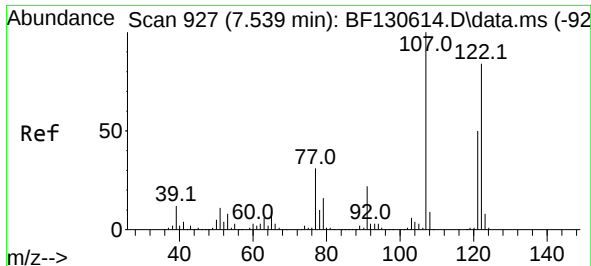
Reviewed By :Christian Giraldo 10/12/2022
Supervised By :Jagrut Upadhyay 10/12/2022



#26
2-Nitrophenol
Concen: 43.306 ng
RT: 7.498 min Scan# 920
Delta R.T. -0.000 min
Lab File: BF130618.D
Acq: 11 Oct 2022 14:58

Tgt Ion:139 Resp: 123814
Ion Ratio Lower Upper
139 100
109 31.1 23.9 35.9
65 45.1 34.9 52.3





#27

2,4-Dimethylphenol

Concen: 41.563 ng

RT: 7.539 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF130618.D

Acq: 11 Oct 2022 14:58

Instrument :

BNA_F

ClientSampleId :

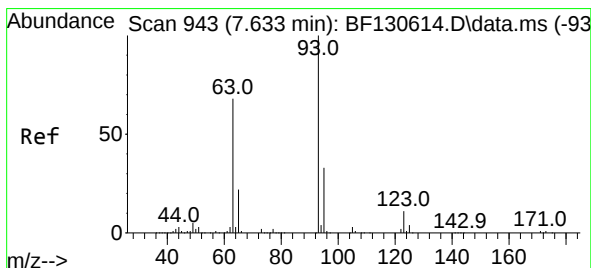
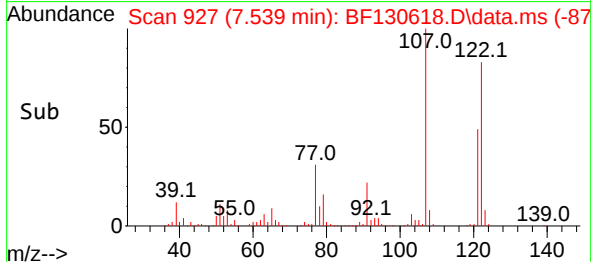
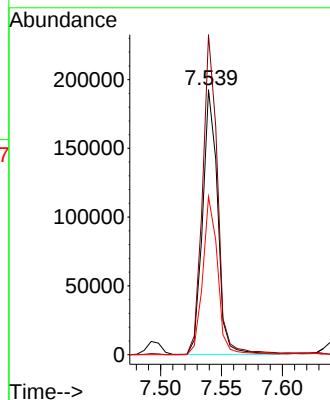
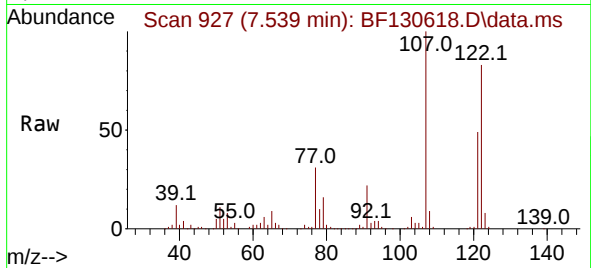
ICVBF101122

Tgt Ion:122 Resp: 16562
 Ion Ratio Lower Upper
 122 100
 107 120.8 94.9 142.3
 121 59.6 47.1 70.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/12/2022
 Supervised By :Jagrut Upadhyay 10/12/2022



#28

bis(2-Chloroethoxy)methane

Concen: 41.503 ng

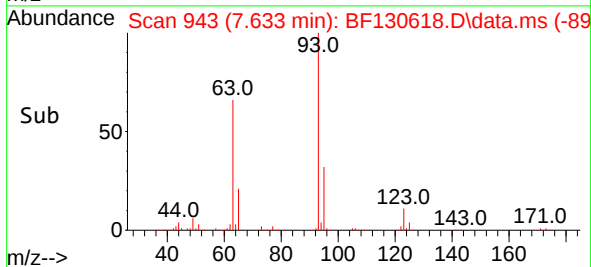
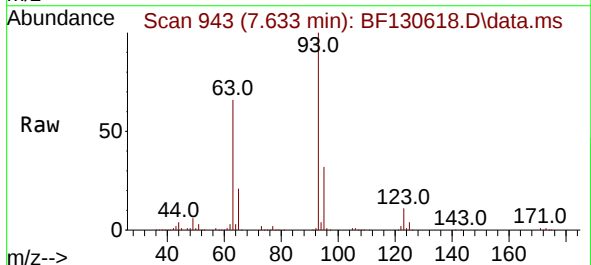
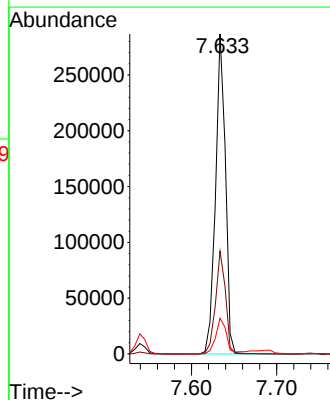
RT: 7.633 min Scan# 943

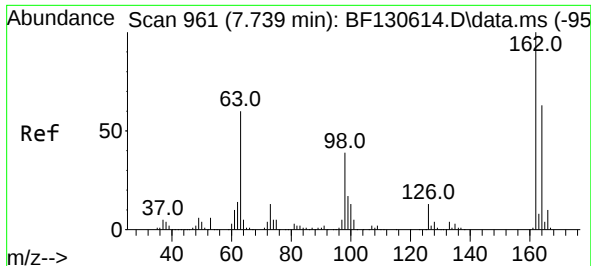
Delta R.T. 0.000 min

Lab File: BF130618.D

Acq: 11 Oct 2022 14:58

Tgt Ion: 93 Resp: 231867
 Ion Ratio Lower Upper
 93 100
 95 32.1 26.4 39.6
 123 11.2 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 43.260 ng

RT: 7.739 min Scan# 961

Delta R.T. 0.000 min

Lab File: BF130618.D

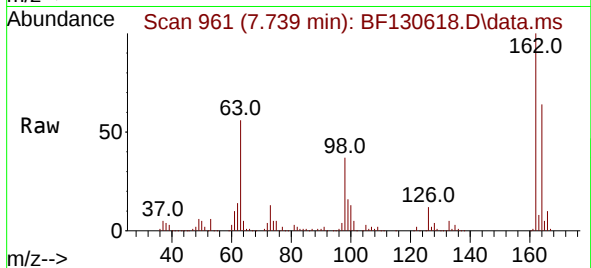
Acq: 11 Oct 2022 14:58

Instrument :

BNA_F

ClientSampleId :

ICVBF101122

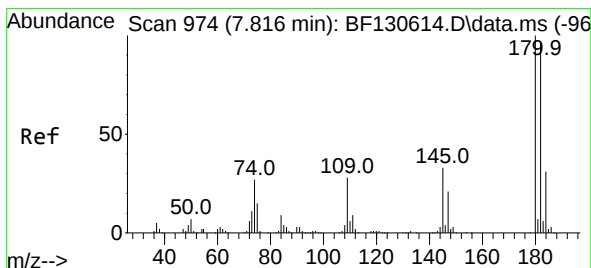
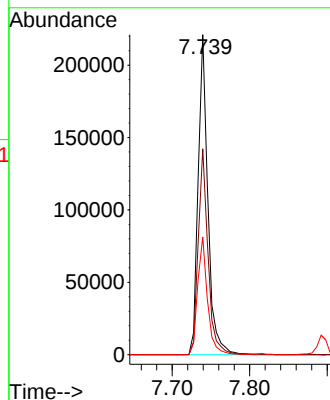
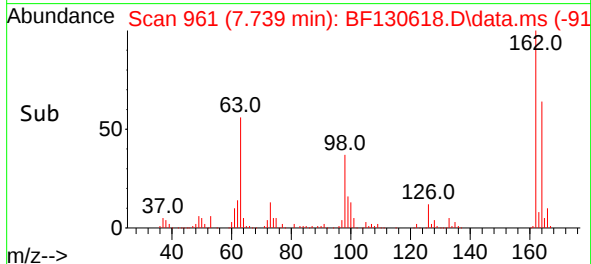


Tgt Ion:	162	Resp:	19286
Ion Ratio	Lower	Upper	
162	100		
164	64.4	42.8	82.8
98	36.8	18.6	58.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/12/2022
Supervised By :Jagrut Upadhyay 10/12/2022



#30

1,2,4-Trichlorobenzene

Concen: 42.571 ng

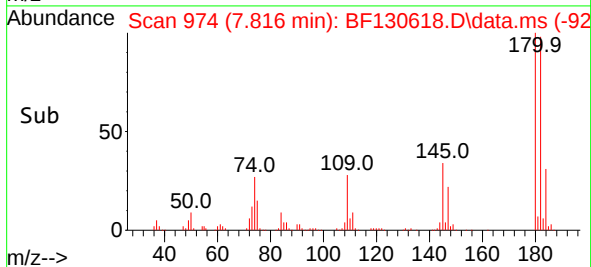
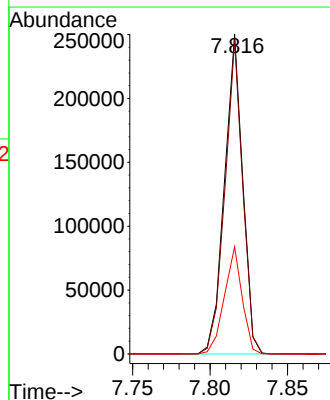
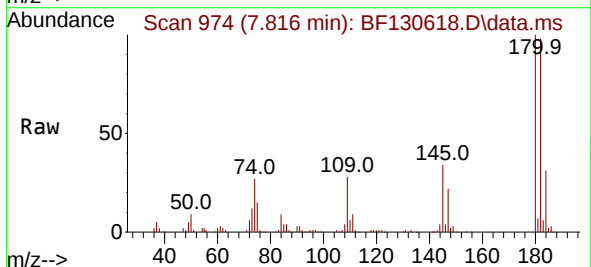
RT: 7.816 min Scan# 974

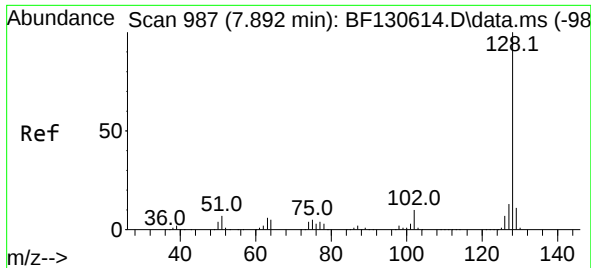
Delta R.T. -0.000 min

Lab File: BF130618.D

Acq: 11 Oct 2022 14:58

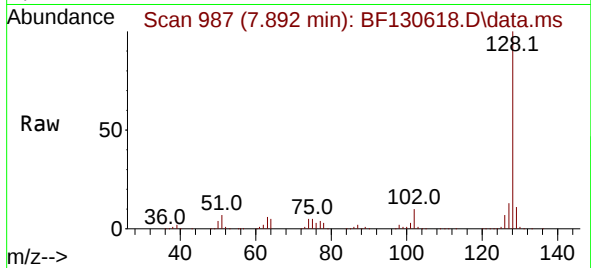
Tgt Ion:	180	Resp:	204616
Ion Ratio	Lower	Upper	
180	100		
182	97.9	78.0	117.0
145	33.5	26.7	40.1





#31
Naphthalene
Concen: 41.723 ng
RT: 7.892 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF130618.D
Acq: 11 Oct 2022 14:58

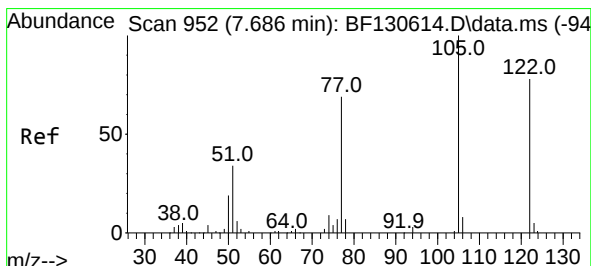
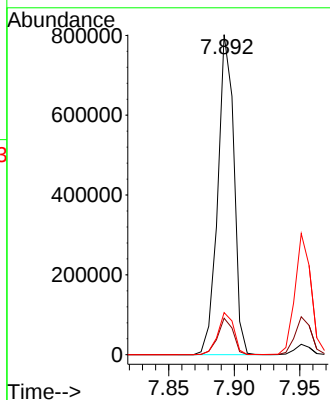
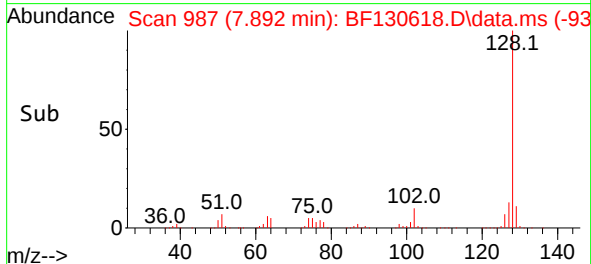
Instrument :
BNA_F
ClientSampleId :
ICVBF101122



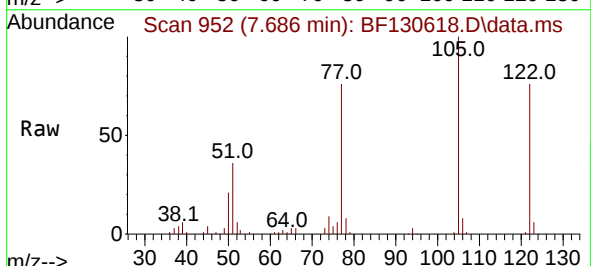
Tgt Ion:128 Resp: 683509
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.4
127 13.1 10.3 15.5

Manual Integrations
APPROVED

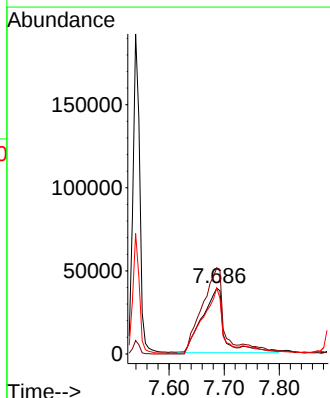
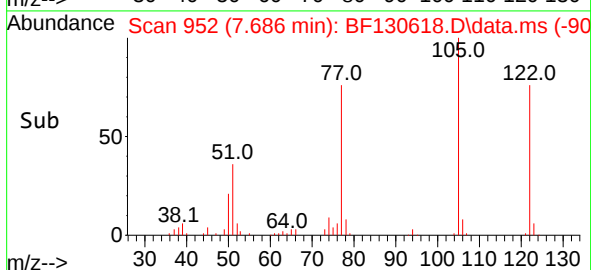
Reviewed By :Christian Giraldo 10/12/2022
Supervised By :Jagrut Upadhyay 10/12/2022

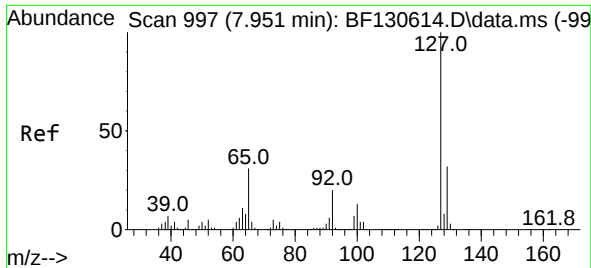


#32
Benzoic acid
Concen: 43.224 ng m
RT: 7.686 min Scan# 952
Delta R.T. 0.000 min
Lab File: BF130618.D
Acq: 11 Oct 2022 14:58



Tgt Ion:122 Resp: 108965
Ion Ratio Lower Upper
122 100
105 131.2 104.8 144.8
77 100.3 68.2 108.2





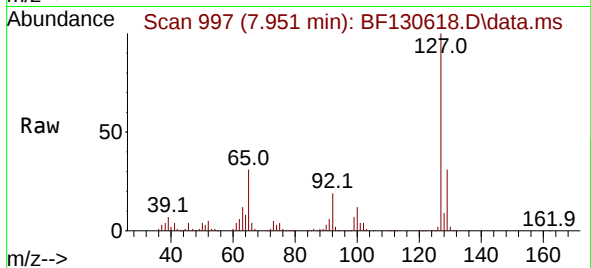
#33
4-Chloroaniline
Concen: 41.674 ng
RT: 7.951 min Scan# 997
Delta R.T. 0.000 min
Lab File: BF130618.D
Acq: 11 Oct 2022 14:58

Instrument :

BNA_F

ClientSampleId :

ICVBF101122

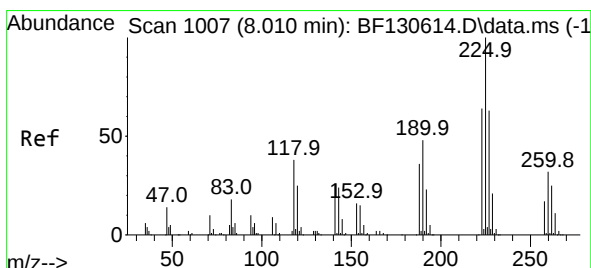
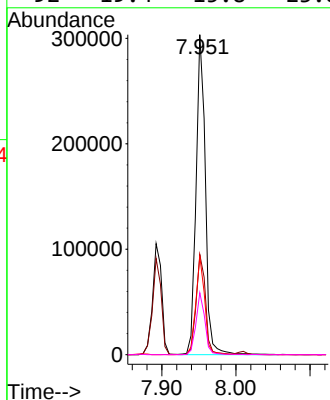
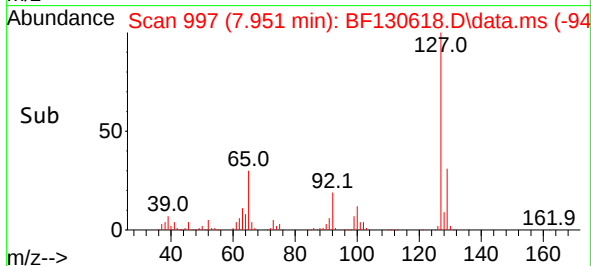


Tgt Ion:127 Resp: 264462
Ion Ratio Lower Upper
127 100
129 31.3 25.7 38.5
65 30.8 24.7 37.1
92 19.4 15.8 23.8

Manual Integrations

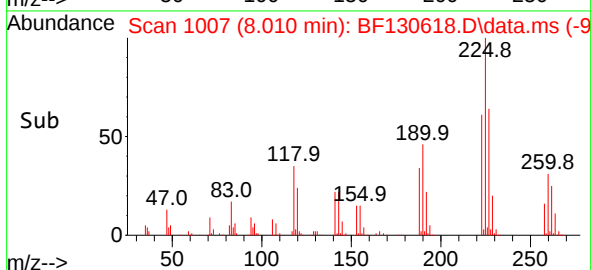
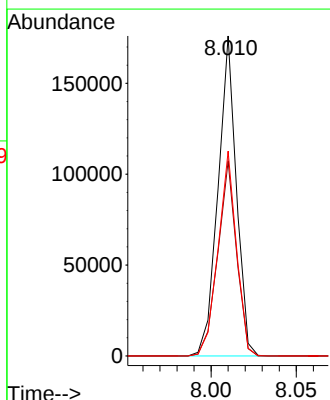
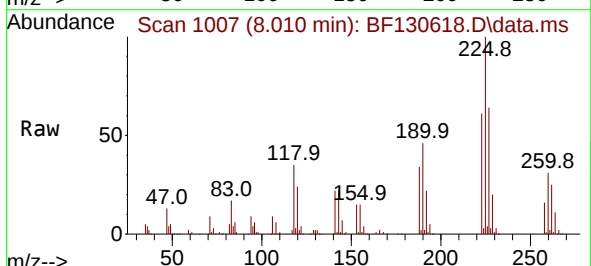
APPROVED

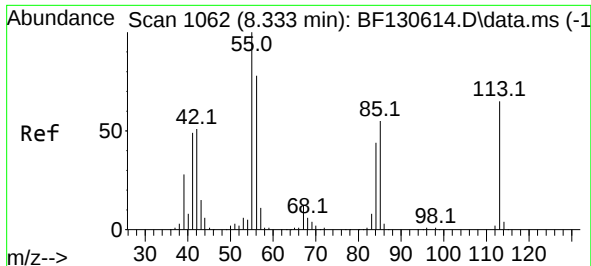
Reviewed By :Christian Giraldo 10/12/2022
Supervised By :Jagrut Upadhyay 10/12/2022



#34
Hexachlorobutadiene
Concen: 44.214 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BF130618.D
Acq: 11 Oct 2022 14:58

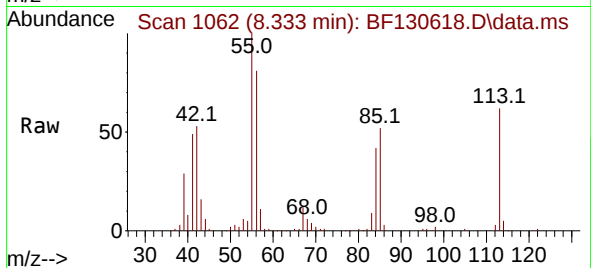
Tgt Ion:225 Resp: 131896
Ion Ratio Lower Upper
225 100
223 60.9 51.5 77.3
227 64.0 50.4 75.6





#35
Caprolactam
Concen: 41.807 ng
RT: 8.333 min Scan# 1062
Delta R.T. -0.000 min
Lab File: BF130618.D
Acq: 11 Oct 2022 14:58

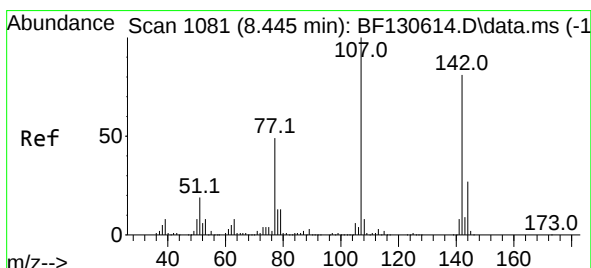
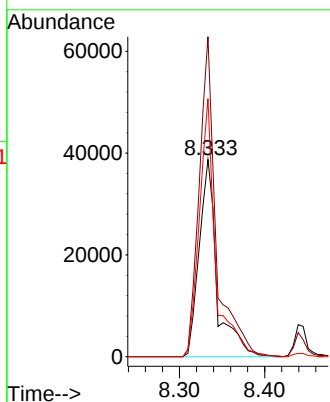
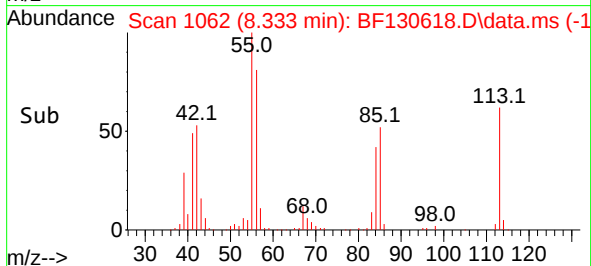
Instrument :
BNA_F
ClientSampleId :
ICVBF101122



Tgt Ion:113 Resp: 56080
Ion Ratio Lower Upper
113 100
55 162.4 134.3 174.3
56 130.9 101.0 141.0

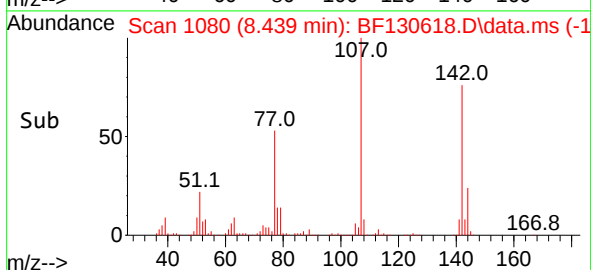
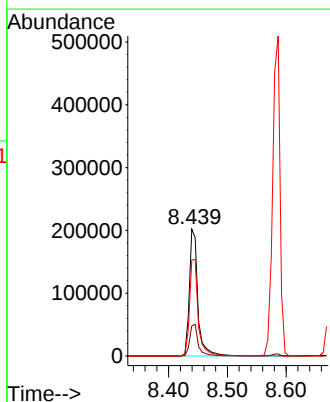
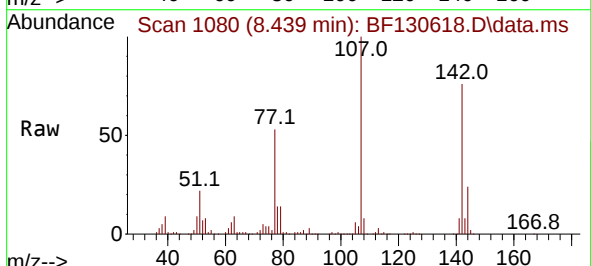
Manual Integrations
APPROVED

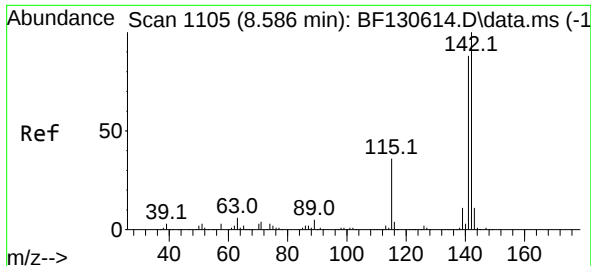
Reviewed By :Christian Giraldo 10/12/2022
Supervised By :Jagrut Upadhyay 10/12/2022



#36
4-Chloro-3-methylphenol
Concen: 42.009 ng
RT: 8.439 min Scan# 1080
Delta R.T. -0.006 min
Lab File: BF130618.D
Acq: 11 Oct 2022 14:58

Tgt Ion:107 Resp: 203156
Ion Ratio Lower Upper
107 100
144 23.8 21.9 32.9
142 75.8 64.6 96.8





#37

2-Methylnaphthalene

Concen: 42.972 ng

RT: 8.586 min Scan# 1105

Delta R.T. -0.000 min

Lab File: BF130618.D

Acq: 11 Oct 2022 14:58

Instrument :

BNA_F

ClientSampleId :

ICVBF101122

Tgt Ion:142 Resp: 443009

Ion Ratio Lower Upper

142 100

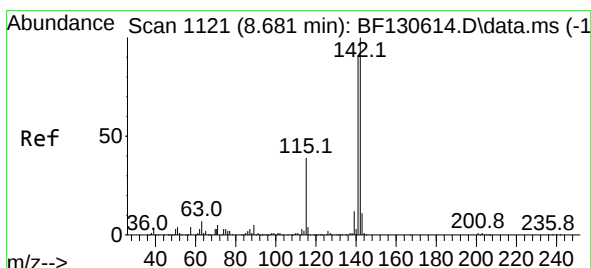
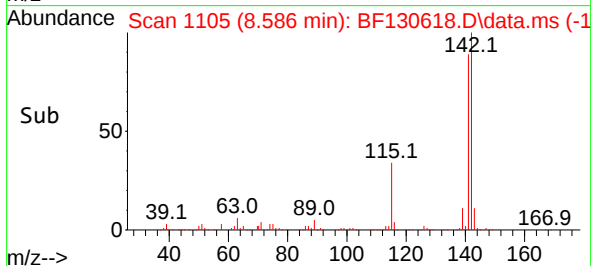
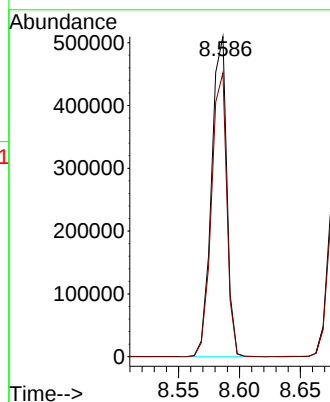
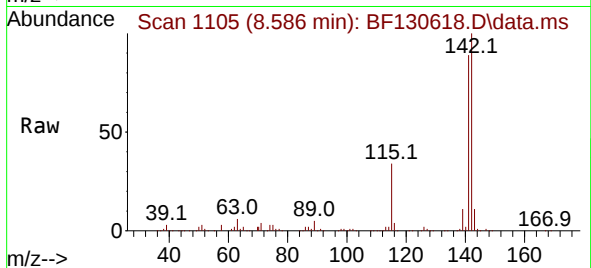
141 88.7 70.7 106.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/12/2022

Supervised By :Jagrut Upadhyay 10/12/2022



#38

1-Methylnaphthalene

Concen: 42.635 ng

RT: 8.680 min Scan# 1121

Delta R.T. -0.000 min

Lab File: BF130618.D

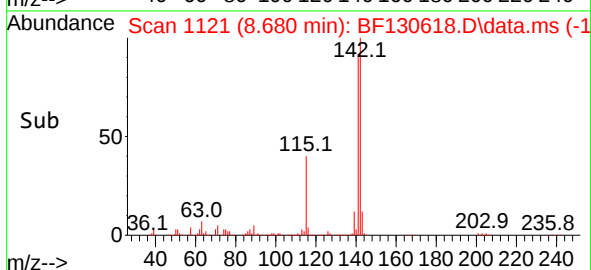
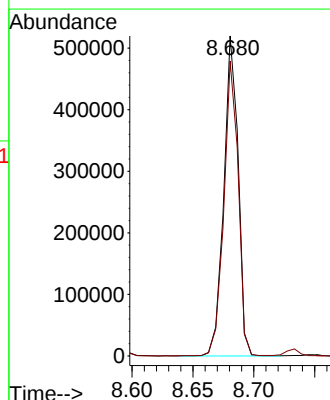
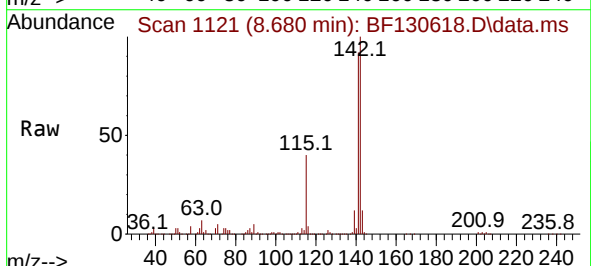
Acq: 11 Oct 2022 14:58

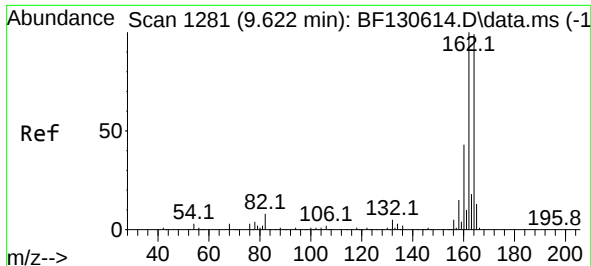
Tgt Ion:142 Resp: 426686

Ion Ratio Lower Upper

142 100

141 92.2 72.6 108.8





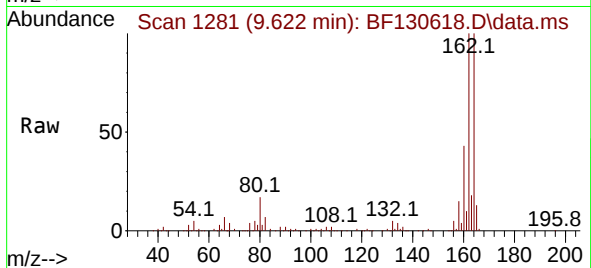
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.622 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130618.D
Acq: 11 Oct 2022 14:58

Instrument :

BNA_F

ClientSampleId :

ICVBF101122

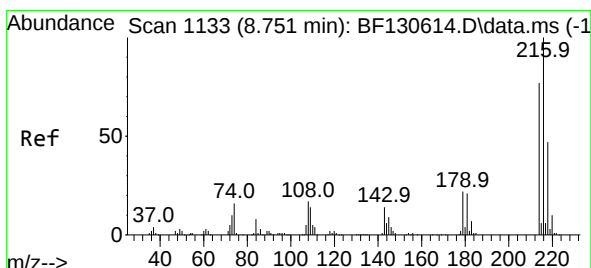
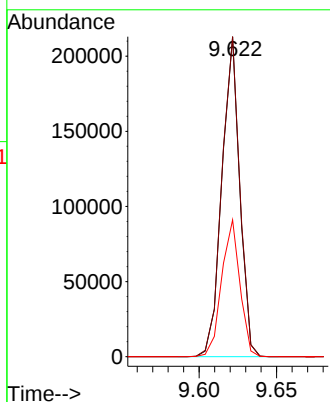
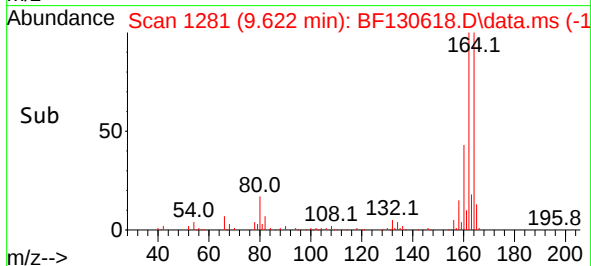


Tgt Ion:164 Resp: 16966
Ion Ratio Lower Upper
164 100
162 100.1 81.0 121.4
160 42.8 34.5 51.7

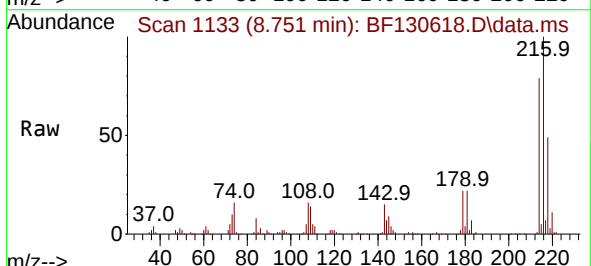
Manual Integrations

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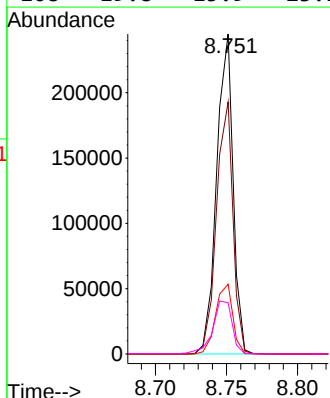
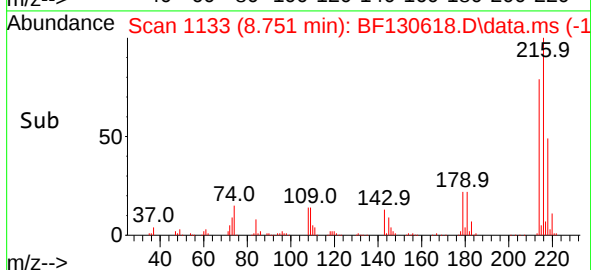
Reviewed By :Christian Giraldo 10/12/2022
Supervised By :Jagrut Upadhyay 10/12/2022

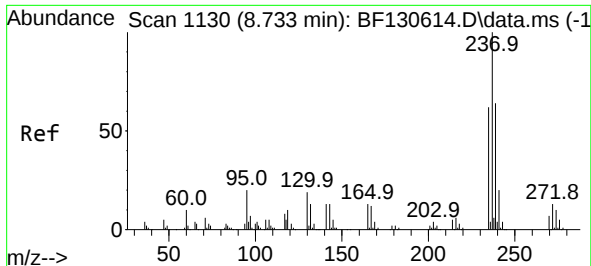


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.668 ng
RT: 8.751 min Scan# 1133
Delta R.T. 0.000 min
Lab File: BF130618.D
Acq: 11 Oct 2022 14:58



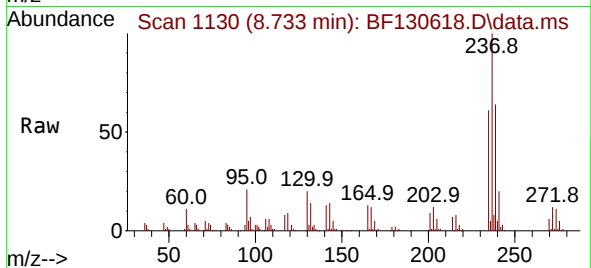
Tgt Ion:216 Resp: 196408
Ion Ratio Lower Upper
216 100
214 79.1 62.1 93.1
179 22.6 18.6 27.8
108 19.8 15.9 23.9





#41
Hexachlorocyclopentadiene
Concen: 40.427 ng
RT: 8.733 min Scan# 1130
Delta R.T. 0.000 min
Lab File: BF130618.D
Acq: 11 Oct 2022 14:58

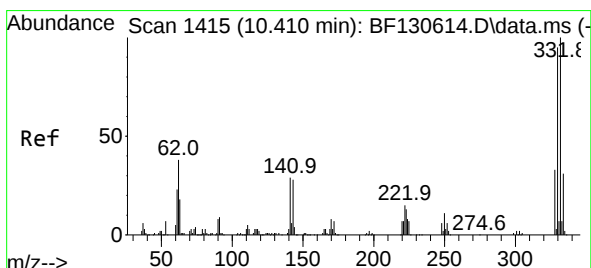
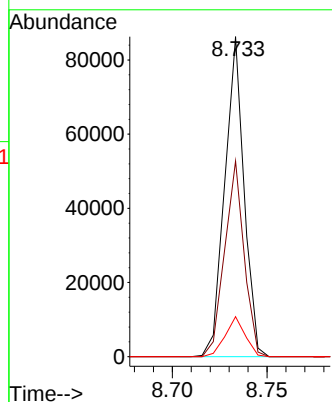
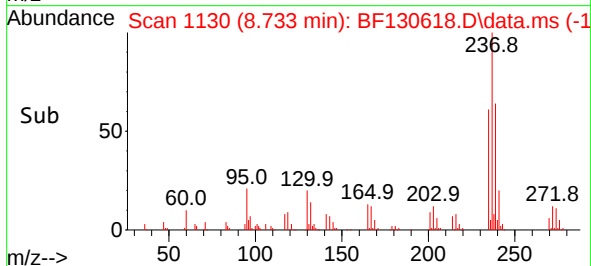
Instrument :
BNA_F
ClientSampleId :
ICVBF101122



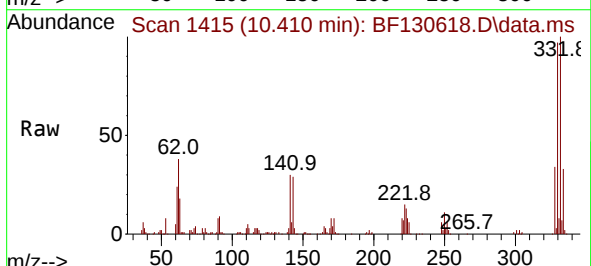
Tgt Ion:237 Resp: 61224
Ion Ratio Lower Upper
237 100
235 61.1 42.2 82.2
272 12.5 0.0 32.6

Manual Integrations
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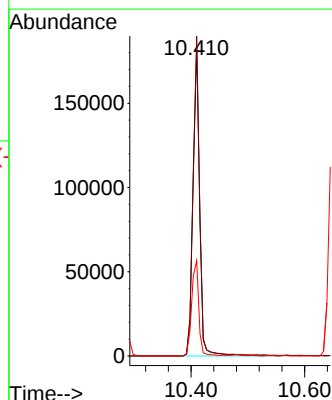
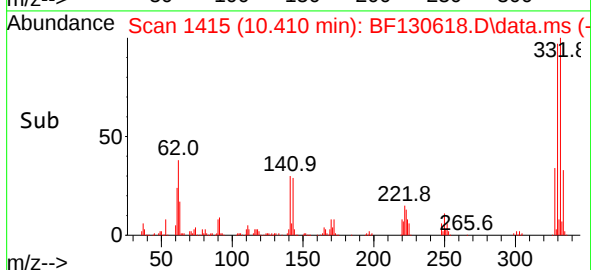
Reviewed By :Christian Giraldo 10/12/2022
Supervised By :Jagrut Upadhyay 10/12/2022

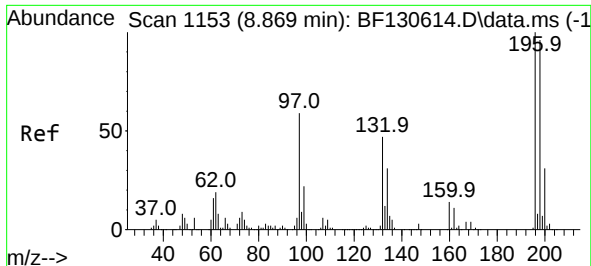


#42
2,4,6-Tribromophenol
Concen: 89.938 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF130618.D
Acq: 11 Oct 2022 14:58



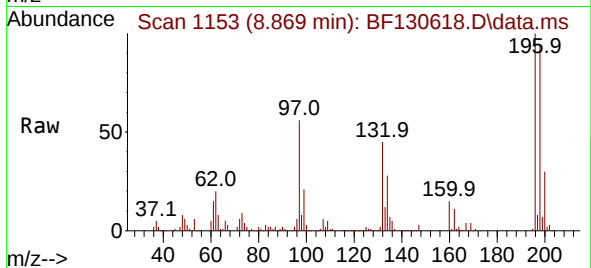
Tgt Ion:330 Resp: 149311
Ion Ratio Lower Upper
330 100
332 102.6 84.2 126.4
141 32.8 26.8 40.2





#43
2,4,6-Trichlorophenol
Concen: 43.418 ng
RT: 8.869 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BF130618.D
Acq: 11 Oct 2022 14:58

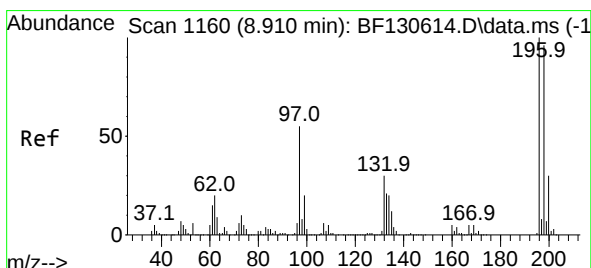
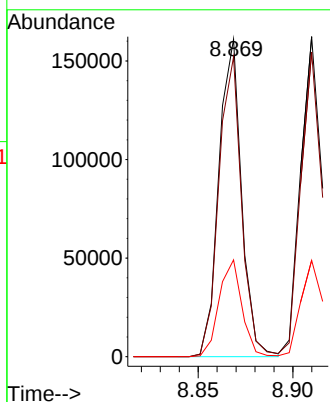
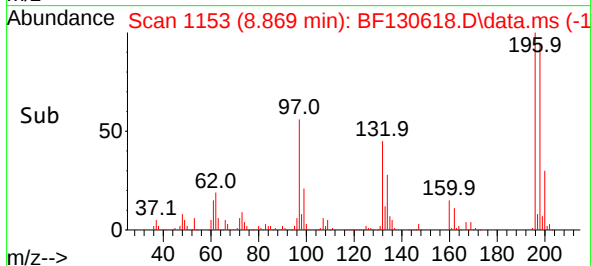
Instrument :
BNA_F
ClientSampleId :
ICVBF101122



Tgt Ion:196 Resp: 13419
Ion Ratio Lower Upper
196 100
198 94.4 76.6 115.0
200 30.5 25.0 37.6

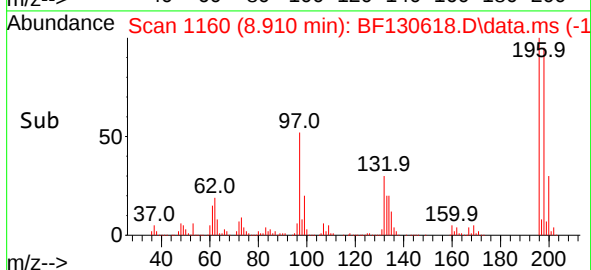
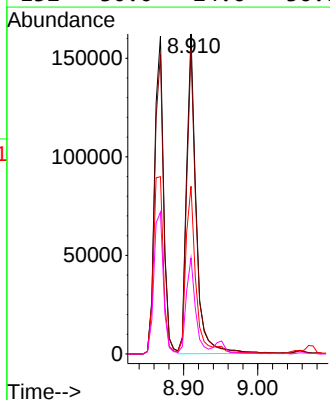
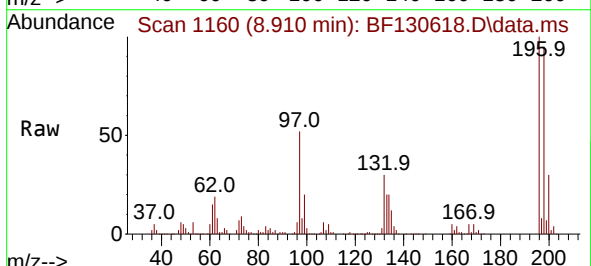
Manual Integrations
APPROVED

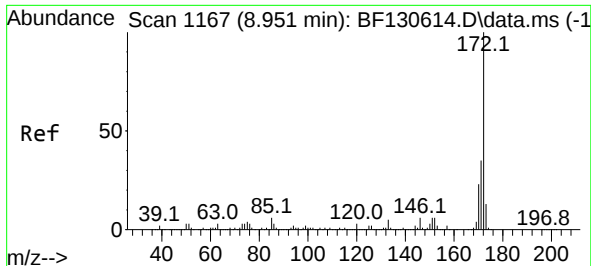
Reviewed By :Christian Giraldo 10/12/2022
Supervised By :Jagrut Upadhyay 10/12/2022



#44
2,4,5-Trichlorophenol
Concen: 43.053 ng
RT: 8.910 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BF130618.D
Acq: 11 Oct 2022 14:58

Tgt Ion:196 Resp: 146337
Ion Ratio Lower Upper
196 100
198 95.2 76.6 114.8
97 52.4 44.3 66.5
132 30.0 24.6 36.8





#45

2-Fluorobiphenyl

Concen: 84.294 ng

RT: 8.951 min Scan# 1167

Delta R.T. -0.000 min

Lab File: BF130618.D

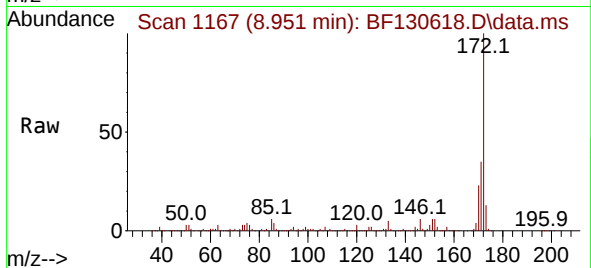
Acq: 11 Oct 2022 14:58

Instrument :

BNA_F

ClientSampleId :

ICVBF101122



Tgt Ion:172 Resp: 944160

Ion Ratio Lower Upper

172 100

171 34.9 27.8 41.8

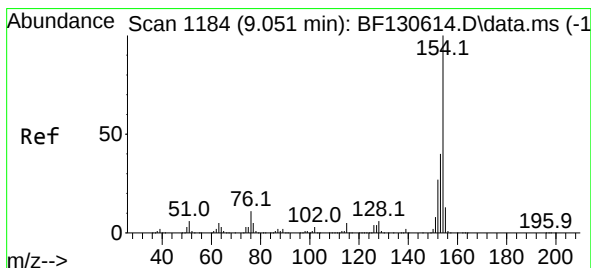
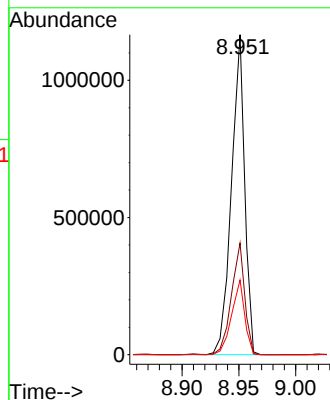
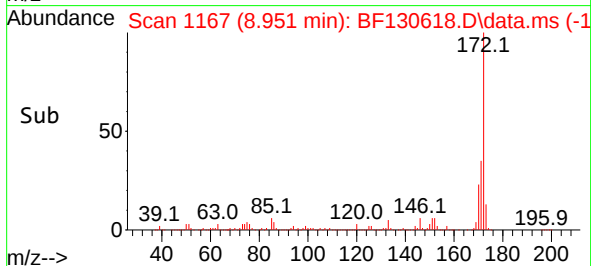
170 23.4 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/12/2022

Supervised By :Jagrut Upadhyay 10/12/2022



#46

1,1'-Biphenyl

Concen: 42.117 ng

RT: 9.051 min Scan# 1184

Delta R.T. 0.000 min

Lab File: BF130618.D

Acq: 11 Oct 2022 14:58

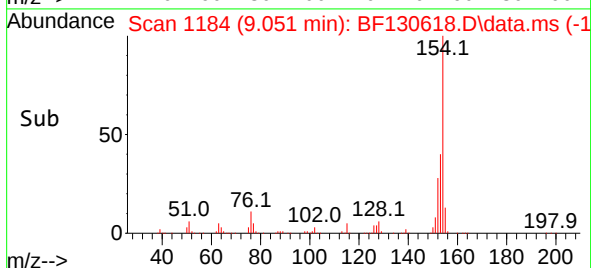
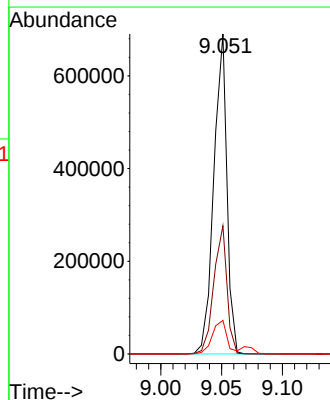
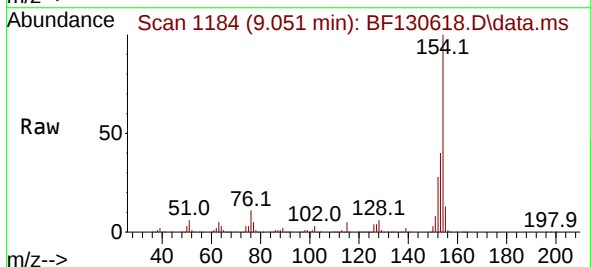
Tgt Ion:154 Resp: 517860

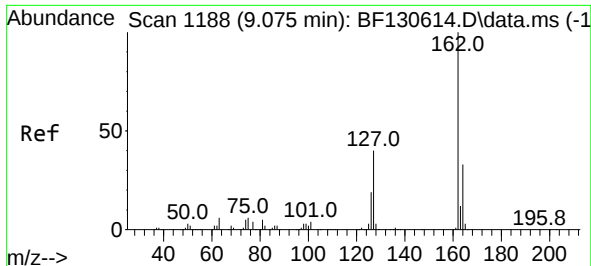
Ion Ratio Lower Upper

154 100

153 40.0 20.0 60.0

76 10.5 0.0 30.8





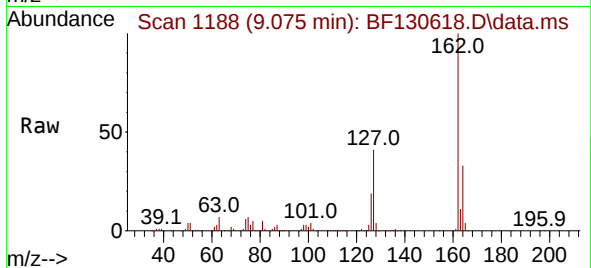
#47
2-Chloronaphthalene
Concen: 42.288 ng
RT: 9.075 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BF130618.D
Acq: 11 Oct 2022 14:58

Instrument :

BNA_F

ClientSampleId :

ICVBF101122

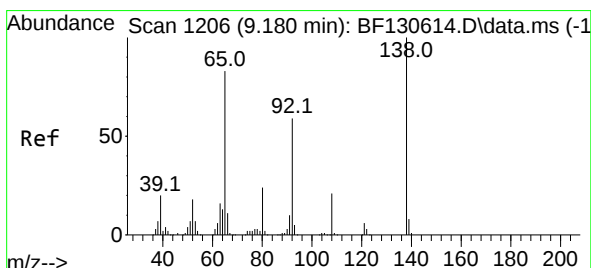
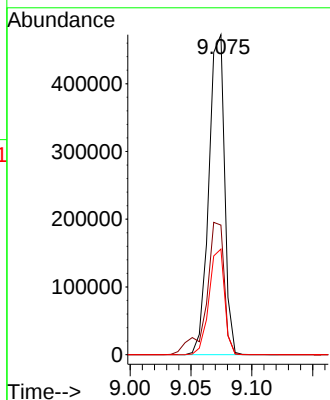
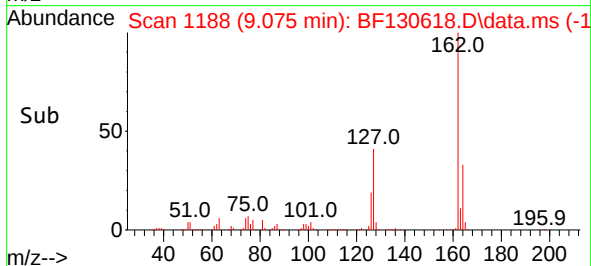


Tgt Ion:162 Resp: 424964
Ion Ratio Lower Upper
162 100
127 40.5 32.6 49.0
164 33.0 26.3 39.5

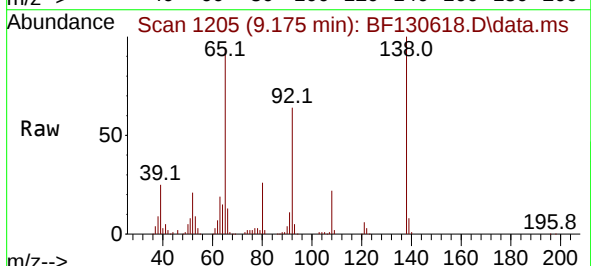
Manual Integrations

APPROVED

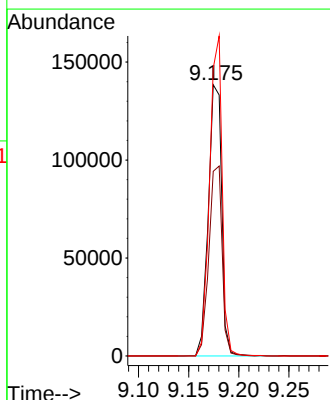
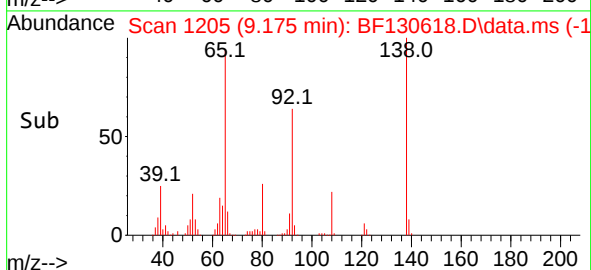
Reviewed By :Christian Giraldo 10/12/2022
Supervised By :Jagrut Upadhyay 10/12/2022

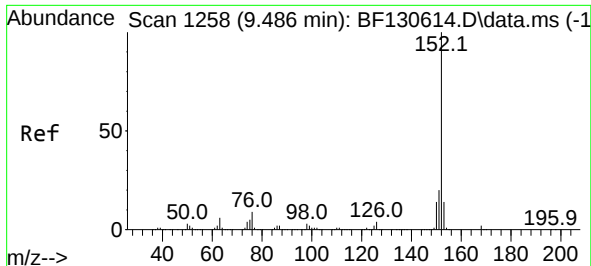


#48
2-Nitroaniline
Concen: 42.527 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.005 min
Lab File: BF130618.D
Acq: 11 Oct 2022 14:58



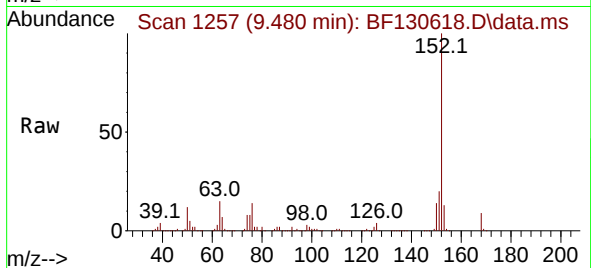
Tgt Ion: 65 Resp: 128650
Ion Ratio Lower Upper
65 100
92 68.1 57.4 86.0
138 106.1 96.7 145.1





#49
Acenaphthylene
Concen: 41.760 ng
RT: 9.480 min Scan# 1258
Delta R.T. -0.006 min
Lab File: BF130618.D
Acq: 11 Oct 2022 14:58

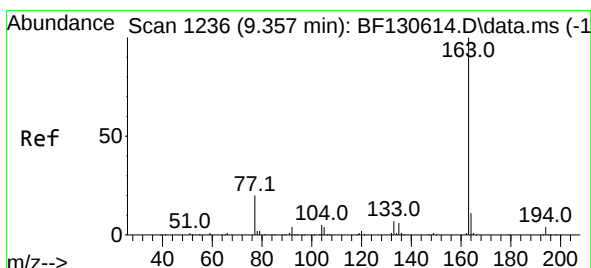
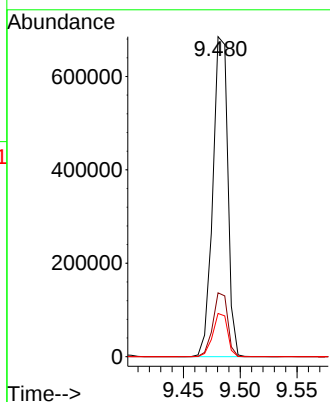
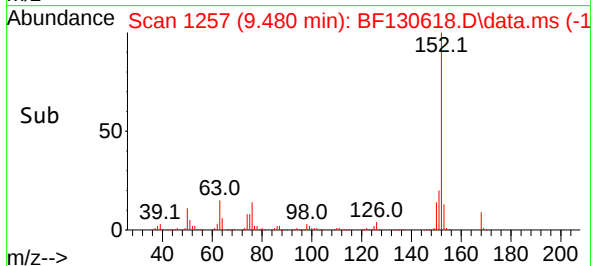
Instrument :
BNA_F
ClientSampleId :
ICVBF101122



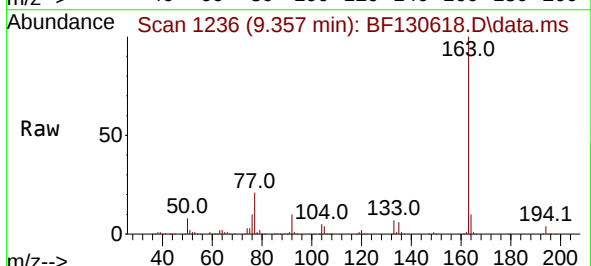
Tgt Ion:152 Resp: 62880
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.2
153 13.5 10.8 16.2

Manual Integrations
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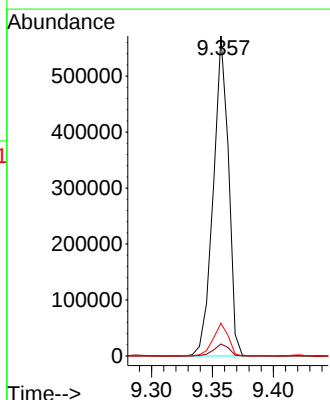
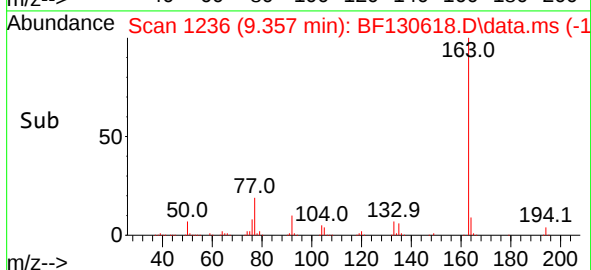
Reviewed By :Christian Giraldo 10/12/2022
Supervised By :Jagrut Upadhyay 10/12/2022

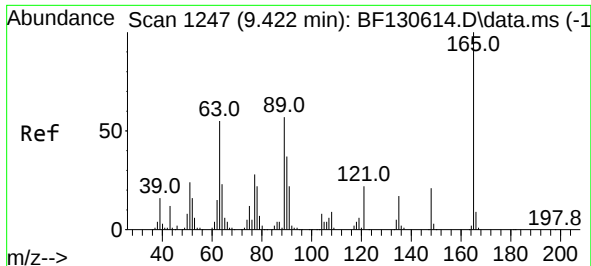


#50
Dimethylphthalate
Concen: 42.425 ng
RT: 9.357 min Scan# 1236
Delta R.T. -0.000 min
Lab File: BF130618.D
Acq: 11 Oct 2022 14:58



Tgt Ion:163 Resp: 498273
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.2 8.5 12.7





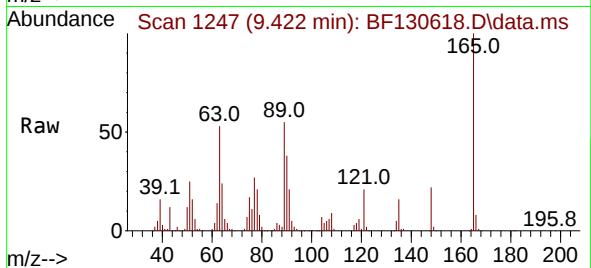
#51
2,6-Dinitrotoluene
Concen: 42.317 ng
RT: 9.422 min Scan# 1247
Delta R.T. -0.000 min
Lab File: BF130618.D
Acq: 11 Oct 2022 14:58

Instrument :

BNA_F

ClientSampleId :

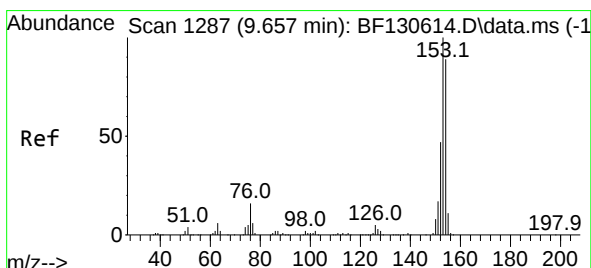
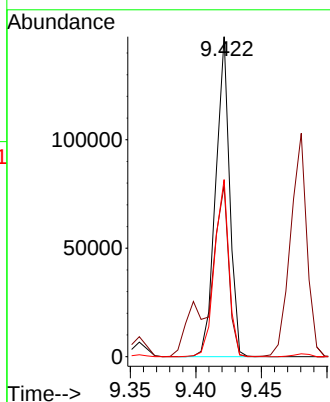
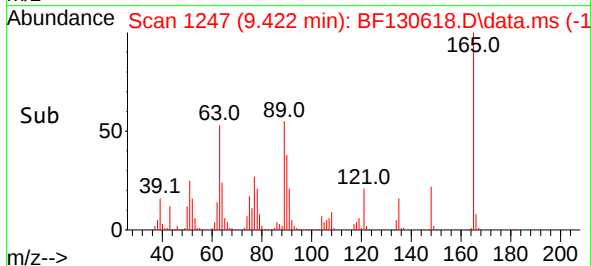
ICVBF101122



Tgt Ion:165 Resp: 109020
Ion Ratio Lower Upper
165 100
63 53.4 45.3 67.9
89 55.3 45.6 68.4

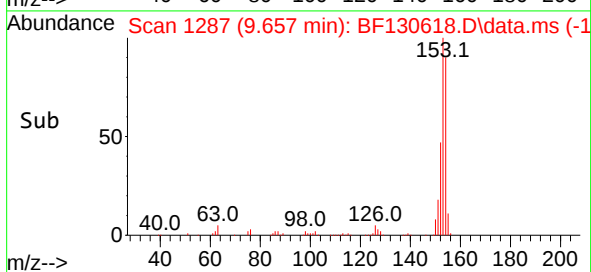
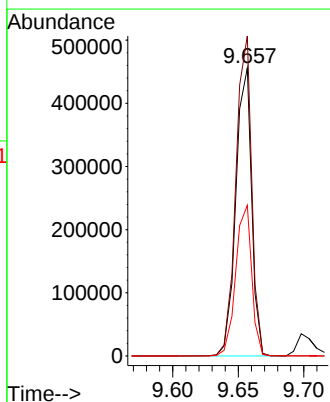
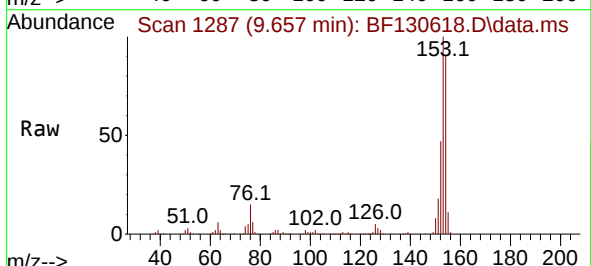
Manual Integrations
APPROVED

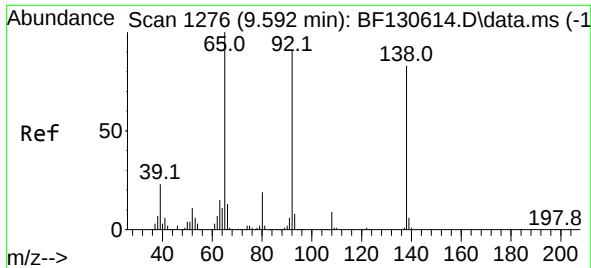
Reviewed By :Christian Giraldo 10/12/2022
Supervised By :Jagrut Upadhyay 10/12/2022



#52
Acenaphthene
Concen: 41.970 ng
RT: 9.657 min Scan# 1287
Delta R.T. -0.000 min
Lab File: BF130618.D
Acq: 11 Oct 2022 14:58

Tgt Ion:154 Resp: 382887
Ion Ratio Lower Upper
154 100
153 111.1 89.6 134.4
152 52.3 42.4 63.6





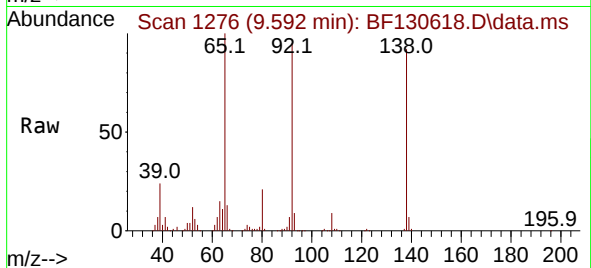
#53
3-Nitroaniline
Concen: 41.815 ng
RT: 9.592 min Scan# 1276
Delta R.T. -0.000 min
Lab File: BF130618.D
Acq: 11 Oct 2022 14:58

Instrument :

BNA_F

ClientSampleId :

ICVBF101122

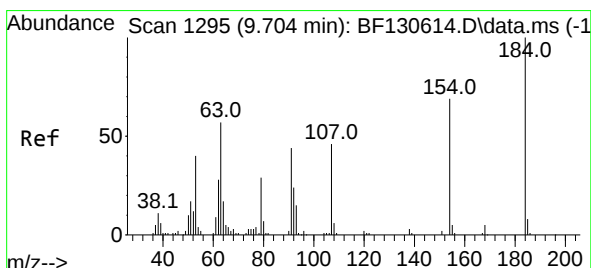
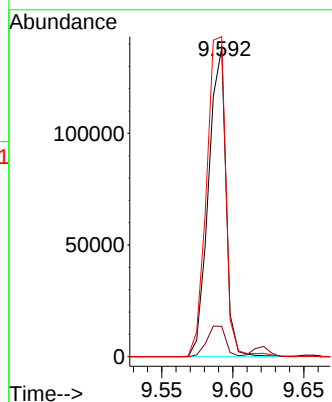
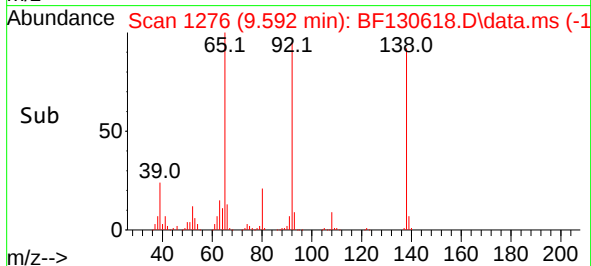


Tgt Ion:138 Resp: 11808
Ion Ratio Lower Upper
138 100
108 9.9 8.4 12.6
92 103.7 88.2 132.4

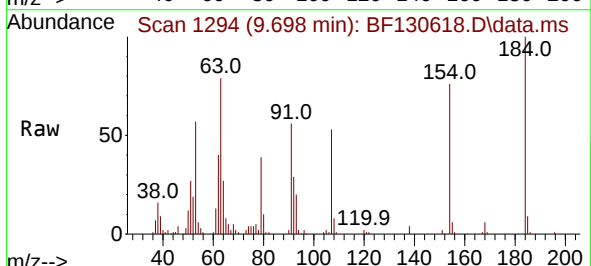
Manual Integrations

APPROVED

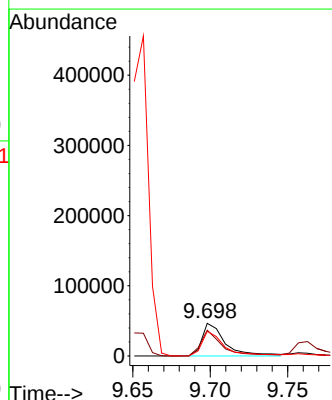
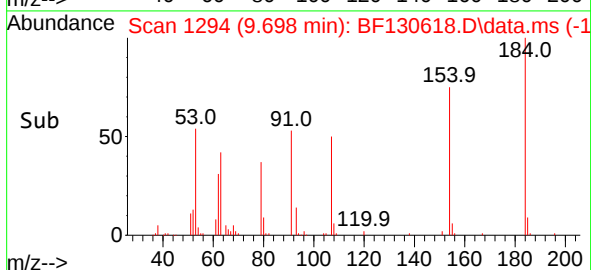
Reviewed By :Christian Giraldo 10/12/2022
Supervised By :Jagrut Upadhyay 10/12/2022

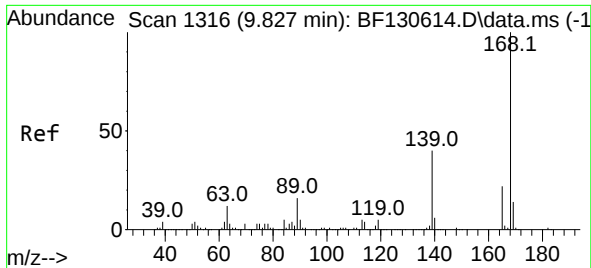


#54
2,4-Dinitrophenol
Concen: 39.716 ng
RT: 9.698 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF130618.D
Acq: 11 Oct 2022 14:58



Tgt Ion:184 Resp: 48634
Ion Ratio Lower Upper
184 100
63 78.9 45.5 68.3#
154 75.6 55.1 82.7





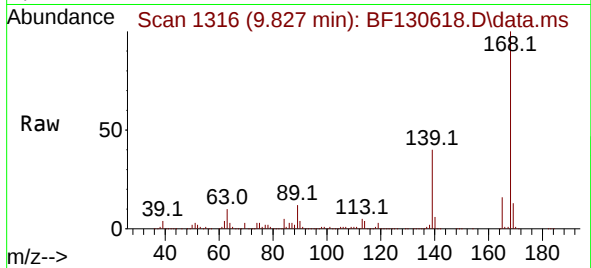
#55
Dibenzenofuran
Concen: 42.119 ng
RT: 9.827 min Scan# 1316
Delta R.T. -0.000 min
Lab File: BF130618.D
Acq: 11 Oct 2022 14:58

Instrument :

BNA_F

ClientSampleId :

ICVBF101122

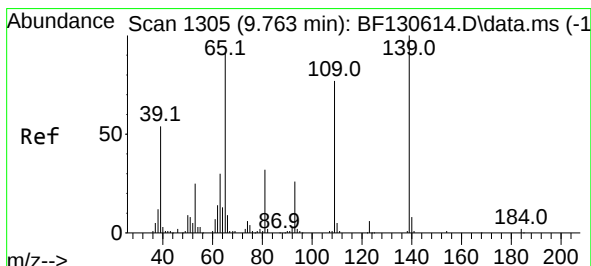
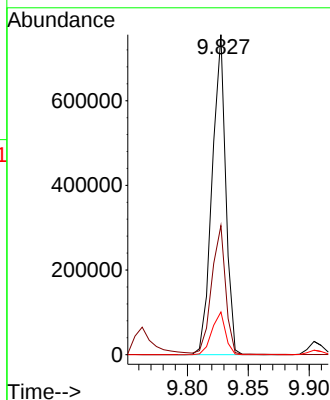
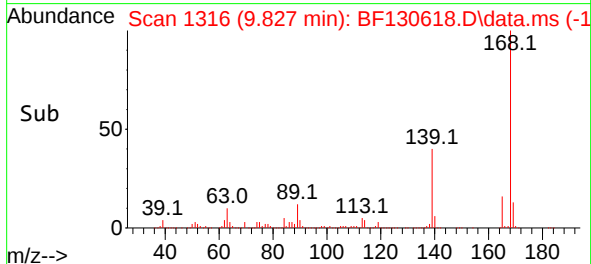


Tgt Ion:168 Resp: 585344
Ion Ratio Lower Upper
168 100
139 40.3 33.0 49.4
169 13.4 10.9 16.3

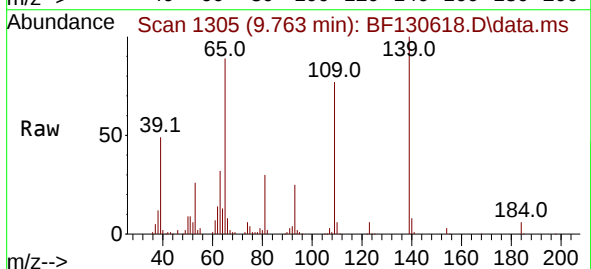
Manual Integrations

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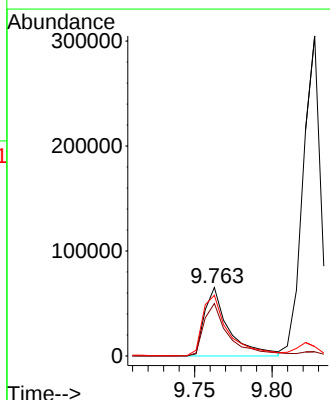
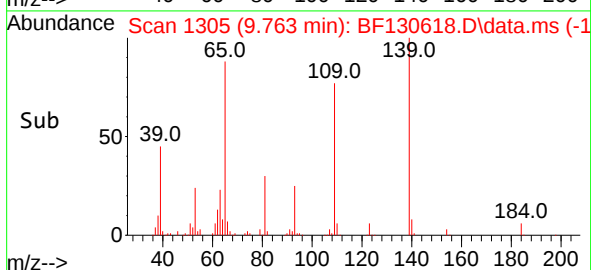
Reviewed By :Christian Giraldo 10/12/2022
Supervised By :Jagrut Upadhyay 10/12/2022

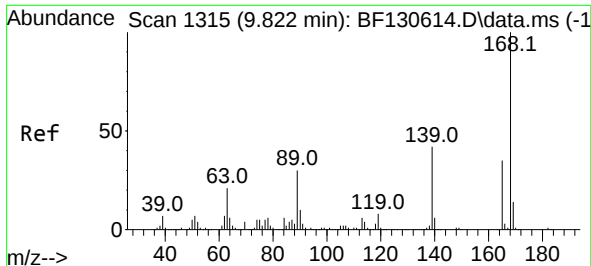


#56
4-Nitrophenol
Concen: 45.546 ng
RT: 9.763 min Scan# 1305
Delta R.T. -0.000 min
Lab File: BF130618.D
Acq: 11 Oct 2022 14:58



Tgt Ion:139 Resp: 70920
Ion Ratio Lower Upper
139 100
109 76.7 57.4 97.4
65 88.5 71.3 111.3





#57

2,4-Dinitrotoluene

Concen: 42.660 ng

RT: 9.822 min Scan# 1315

Delta R.T. -0.000 min

Lab File: BF130618.D

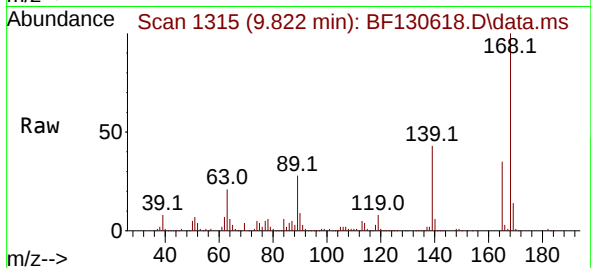
Acq: 11 Oct 2022 14:58

Instrument :

BNA_F

ClientSampleId :

ICVBF101122



Tgt Ion:165 Resp: 141250

Ion Ratio Lower Upper

165 100

63 61.6 50.6 76.0

89 81.4 68.6 102.8

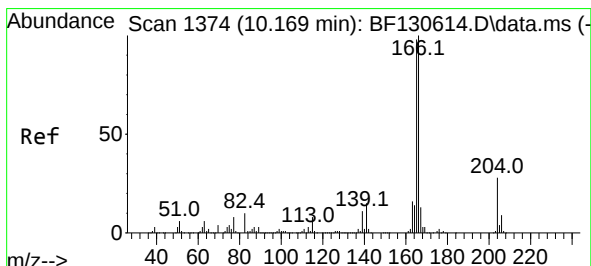
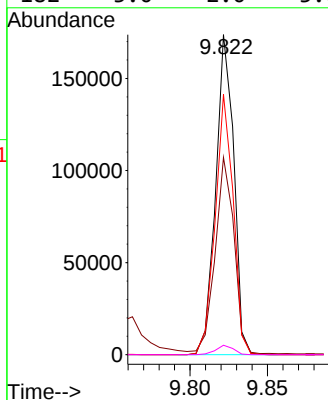
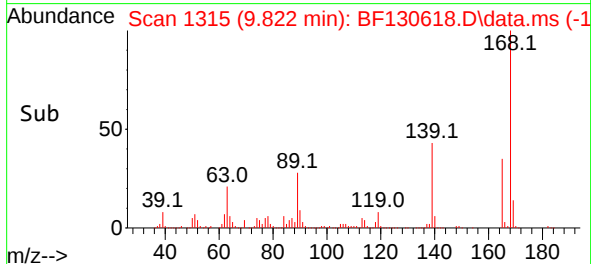
182 3.0 2.0 3.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/12/2022

Supervised By :Jagrut Upadhyay 10/12/2022



#58

Fluorene

Concen: 41.560 ng

RT: 10.169 min Scan# 1374

Delta R.T. -0.000 min

Lab File: BF130618.D

Acq: 11 Oct 2022 14:58

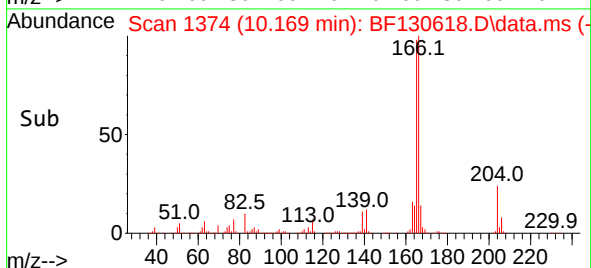
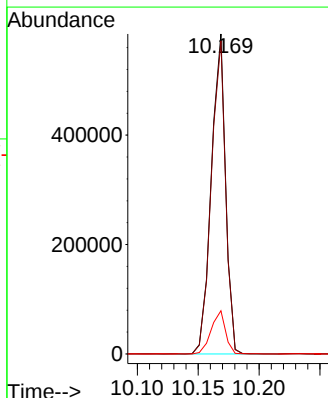
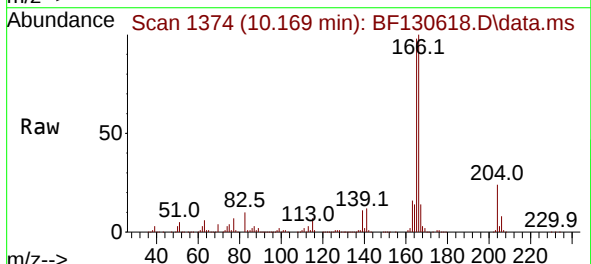
Tgt Ion:166 Resp: 474848

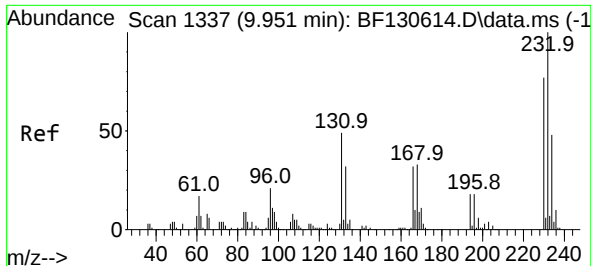
Ion Ratio Lower Upper

166 100

165 97.8 78.2 117.4

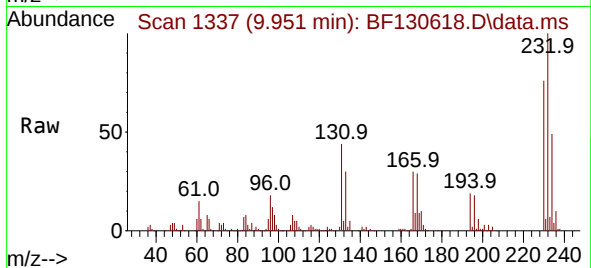
167 13.5 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.919 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.000 min
Lab File: BF130618.D
Acq: 11 Oct 2022 14:58

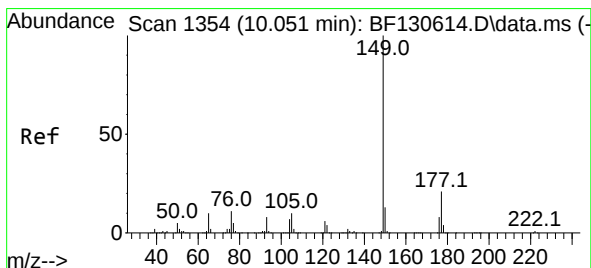
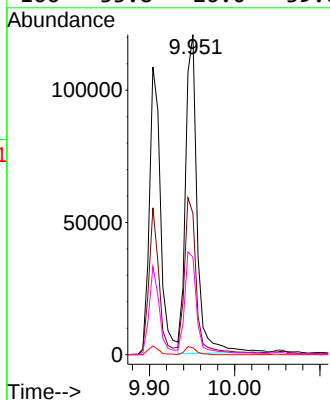
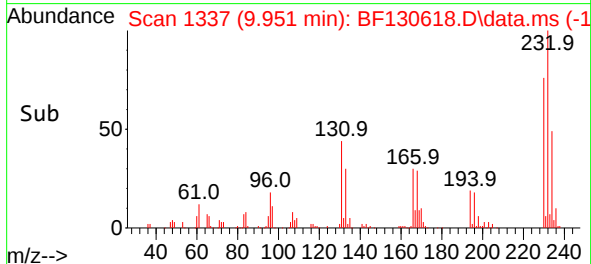
Instrument :
BNA_F
ClientSampleId :
ICVBF101122



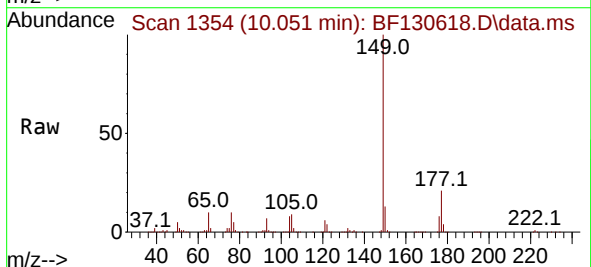
Tgt Ion:232 Resp: 11359
Ion Ratio Lower Upper
232 100
131 51.9 41.4 62.0
130 2.5 2.1 3.1
166 33.8 26.0 39.0

Manual Integrations
APPROVED

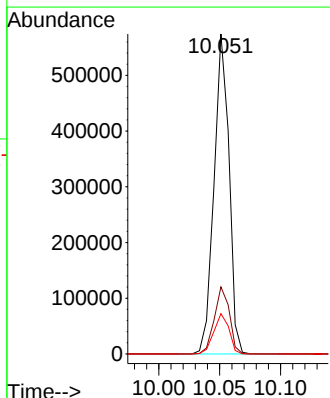
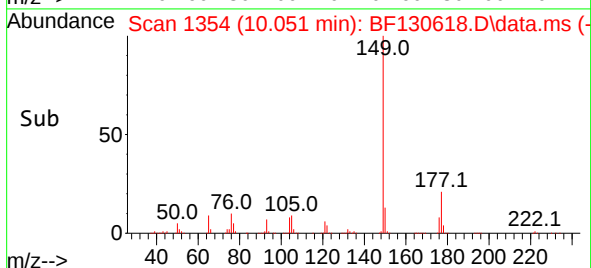
Reviewed By :Christian Giraldo 10/12/2022
Supervised By :Jagrut Upadhyay 10/12/2022

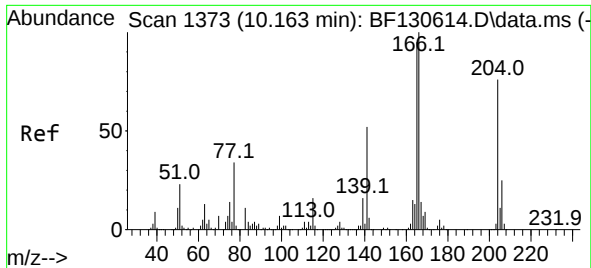


#60
Diethylphthalate
Concen: 41.936 ng
RT: 10.051 min Scan# 1354
Delta R.T. -0.000 min
Lab File: BF130618.D
Acq: 11 Oct 2022 14:58



Tgt Ion:149 Resp: 491421
Ion Ratio Lower Upper
149 100
177 21.0 16.7 25.1
150 12.6 10.5 15.7





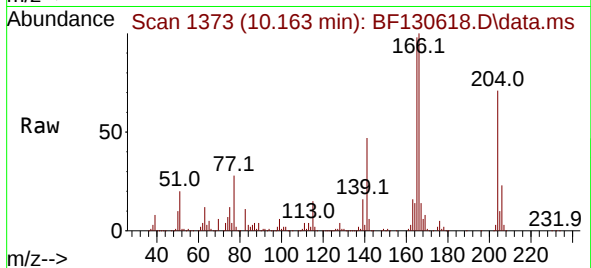
#61
4-Chlorophenyl-phenylether
Concen: 42.896 ng
RT: 10.163 min Scan# 1373
Delta R.T. -0.000 min
Lab File: BF130618.D
Acq: 11 Oct 2022 14:58

Instrument :

BNA_F

ClientSampleId :

ICVBF101122

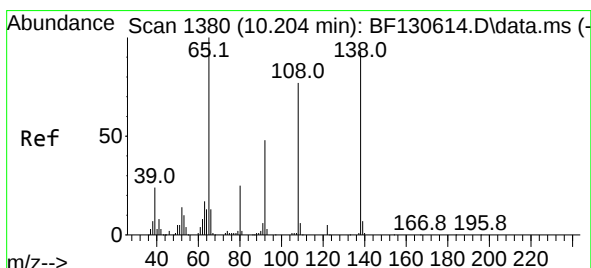
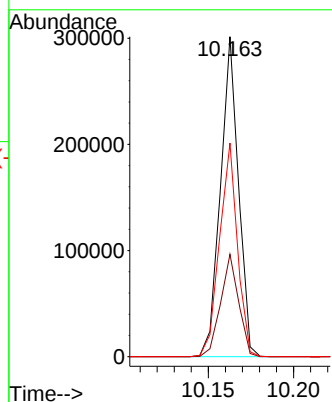
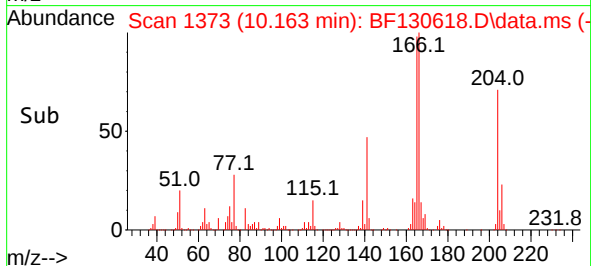


Tgt Ion:204 Resp: 221580
Ion Ratio Lower Upper
204 100
206 32.0 26.1 39.1
141 66.8 54.6 81.8

Manual Integrations

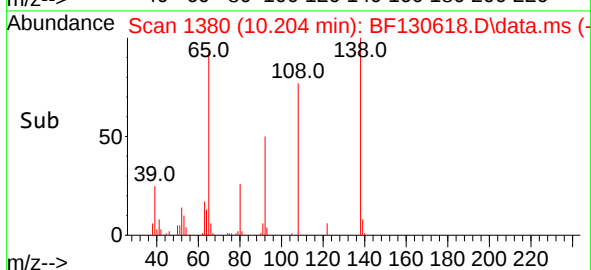
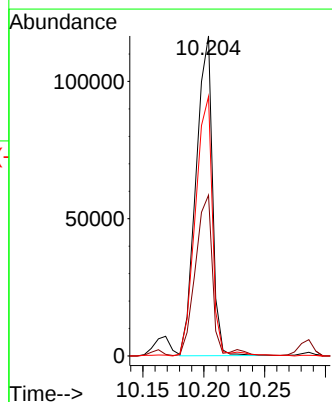
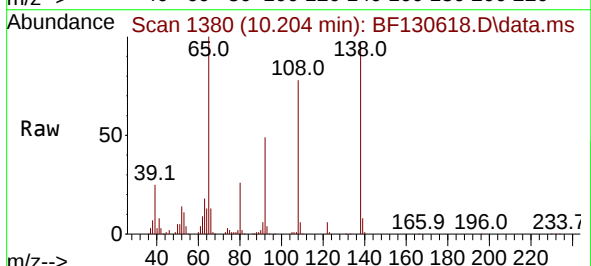
APPROVED

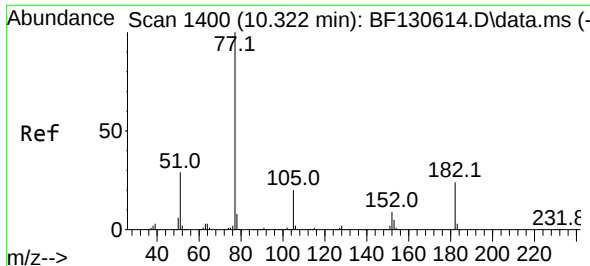
Reviewed By :Christian Giraldo 10/12/2022
Supervised By :Jagrut Upadhyay 10/12/2022



#62
4-Nitroaniline
Concen: 40.609 ng
RT: 10.204 min Scan# 1380
Delta R.T. -0.000 min
Lab File: BF130618.D
Acq: 11 Oct 2022 14:58

Tgt Ion:138 Resp: 109493
Ion Ratio Lower Upper
138 100
92 50.3 31.1 71.1
108 81.0 62.1 102.1





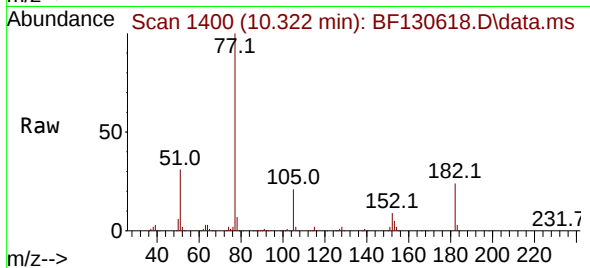
#63
Azobenzene
Concen: 40.692 ng
RT: 10.322 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BF130618.D
Acq: 11 Oct 2022 14:58

Instrument :

BNA_F

ClientSampleId :

ICVBF101122

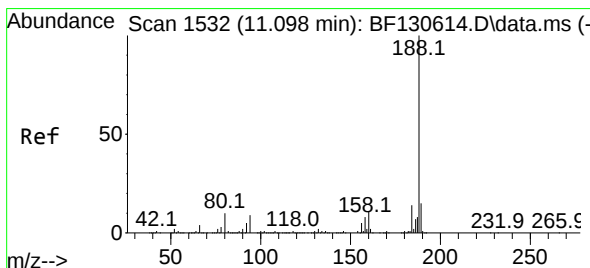
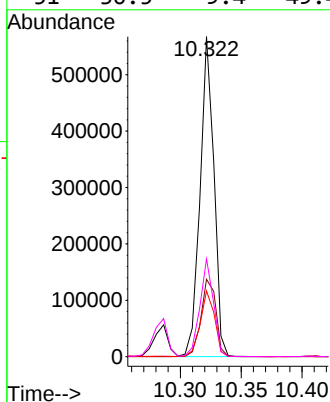
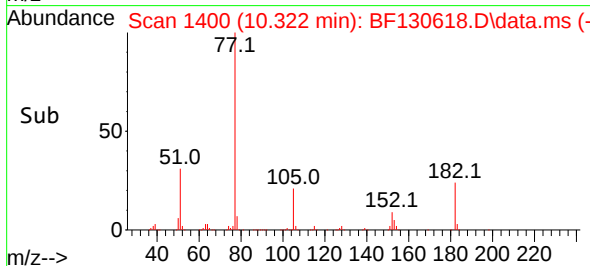


Tgt Ion: 77 Resp: 449118
Ion Ratio Lower Upper
77 100
182 24.2 3.8 43.8
105 20.5 0.3 40.3
51 30.5 9.4 49.4

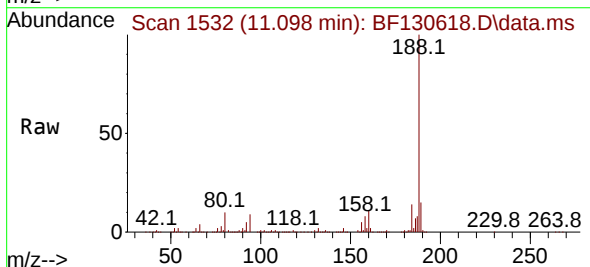
Manual Integrations

APPROVED

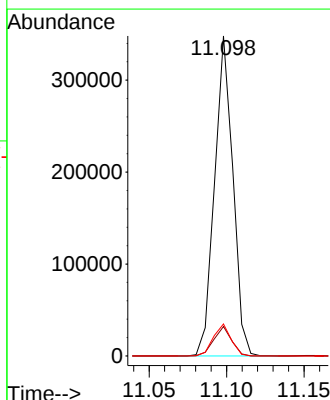
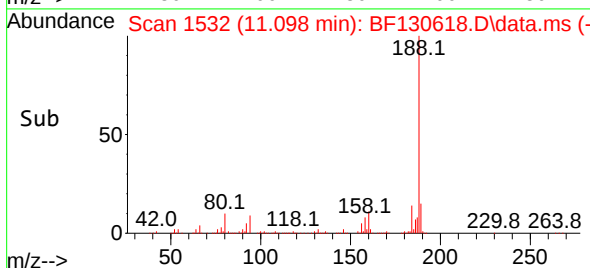
Reviewed By :Christian Giraldo 10/12/2022
Supervised By :Jagrut Upadhyay 10/12/2022

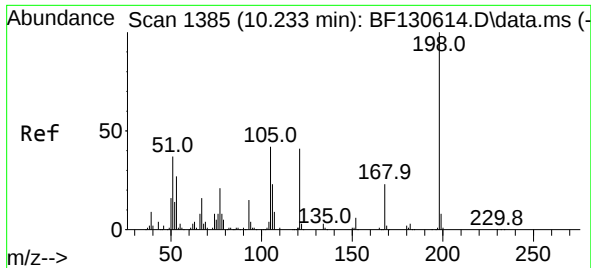


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.098 min Scan# 1532
Delta R.T. -0.000 min
Lab File: BF130618.D
Acq: 11 Oct 2022 14:58



Tgt Ion:188 Resp: 286104
Ion Ratio Lower Upper
188 100
94 9.2 7.4 11.2
80 10.0 8.0 12.0





#65
4,6-Dinitro-2-methylphenol
Concen: 45.302 ng
RT: 10.233 min Scan# 1385
Delta R.T. -0.000 min
Lab File: BF130618.D
Acq: 11 Oct 2022 14:58

Instrument :

BNA_F

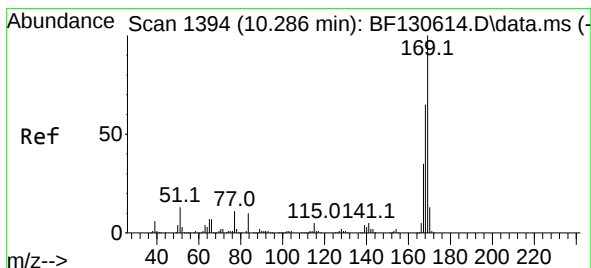
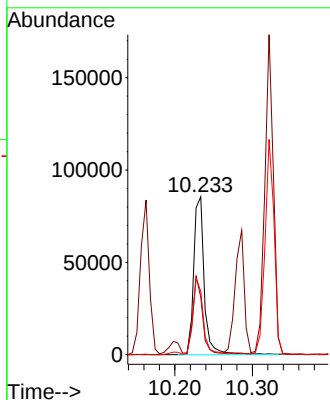
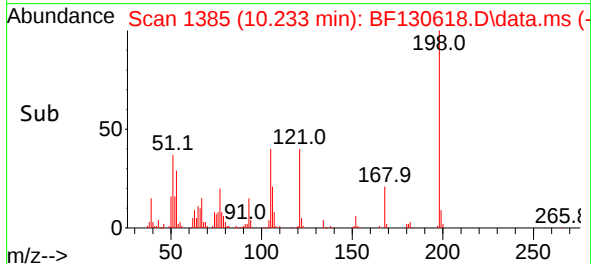
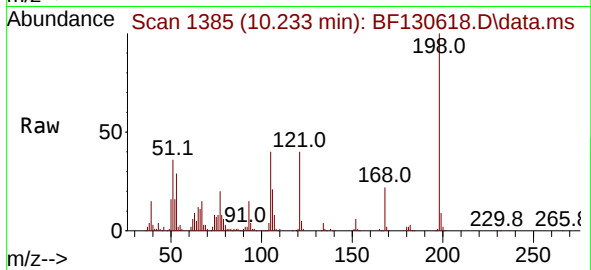
ClientSampleId :

ICVBF101122

Tgt Ion:198 Resp: 80990
Ion Ratio Lower Upper
198 100
51 36.5 18.7 58.7
105 40.2 22.0 62.0

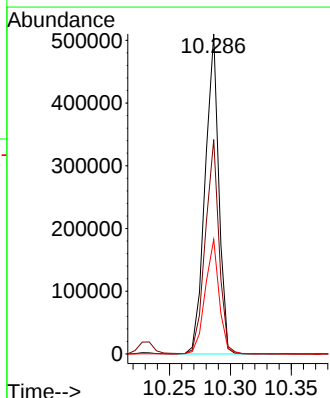
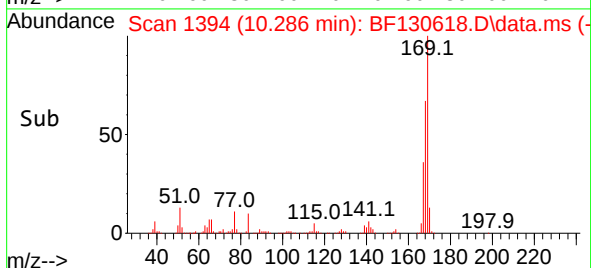
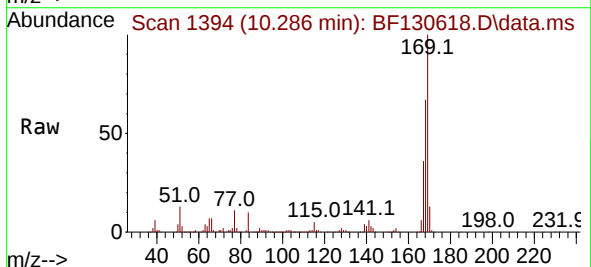
Manual Integrations
APPROVED

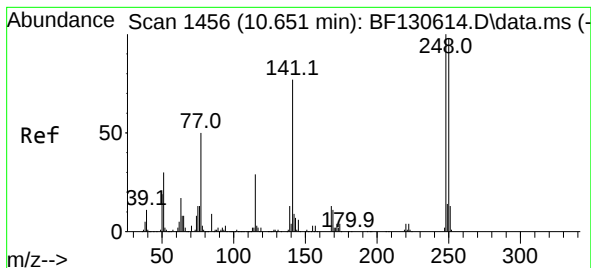
Reviewed By :Christian Giraldo 10/12/2022
Supervised By :Jagrut Upadhyay 10/12/2022



#66
n-Nitrosodiphenylamine
Concen: 41.928 ng
RT: 10.286 min Scan# 1394
Delta R.T. -0.000 min
Lab File: BF130618.D
Acq: 11 Oct 2022 14:58

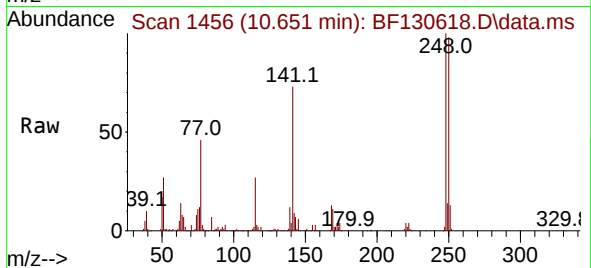
Tgt Ion:169 Resp: 399031
Ion Ratio Lower Upper
169 100
168 67.0 52.2 78.4
167 35.7 28.3 42.5





#67
4-Bromophenyl-phenylether
Concen: 43.651 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BF130618.D
Acq: 11 Oct 2022 14:58

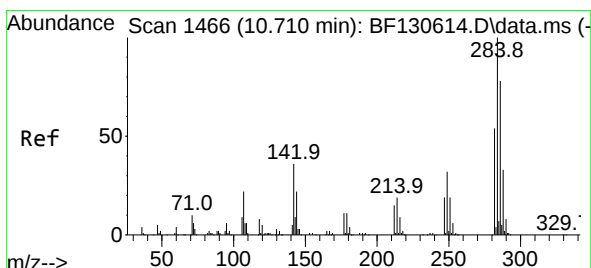
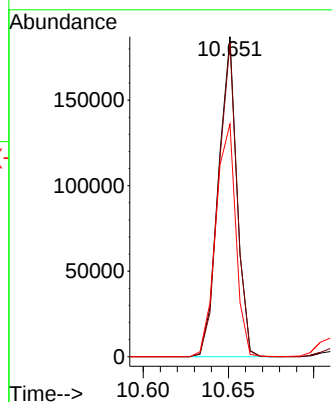
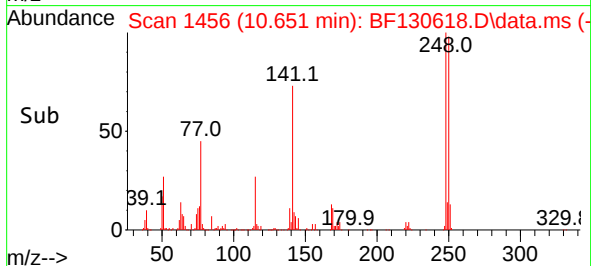
Instrument :
BNA_F
ClientSampleId :
ICVBF101122



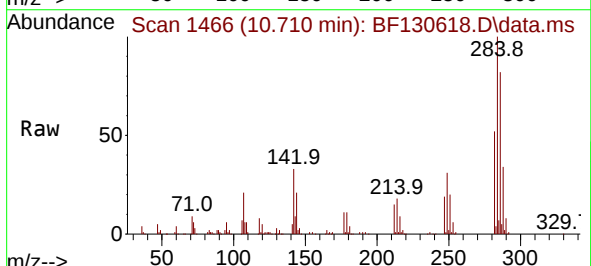
Tgt Ion:248 Resp: 14130
Ion Ratio Lower Upper
248 100
250 98.1 78.7 118.1
141 72.7 61.6 92.4

Manual Integrations
APPROVED

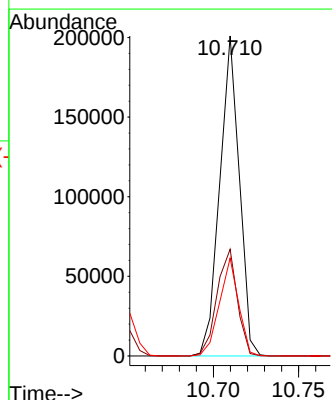
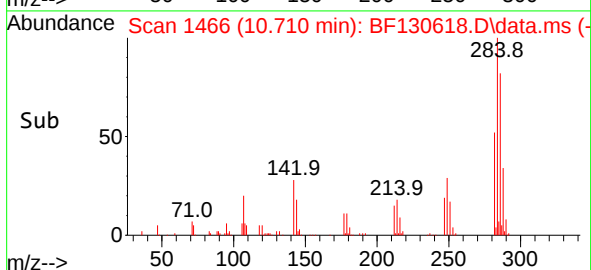
Reviewed By :Christian Giraldo 10/12/2022
Supervised By :Jagrut Upadhyay 10/12/2022

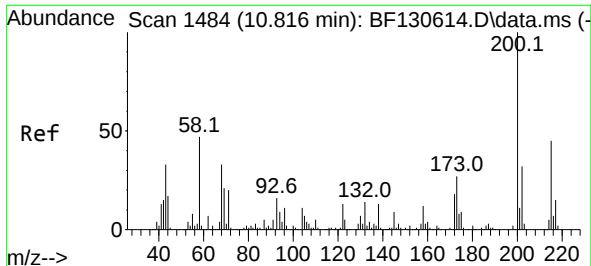


#68
Hexachlorobenzene
Concen: 43.898 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.000 min
Lab File: BF130618.D
Acq: 11 Oct 2022 14:58



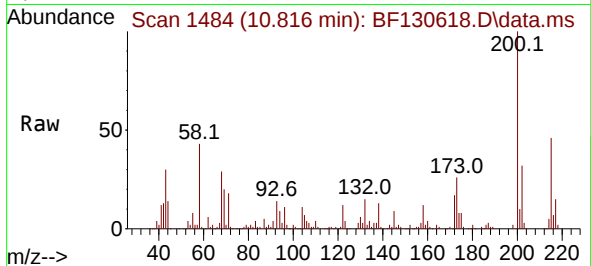
Tgt Ion:284 Resp: 160644
Ion Ratio Lower Upper
284 100
142 33.3 28.6 42.8
249 30.6 25.2 37.8





#69
Atrazine
Concen: 44.461 ng
RT: 10.816 min Scan# 1484
Delta R.T. -0.000 min
Lab File: BF130618.D
Acq: 11 Oct 2022 14:58

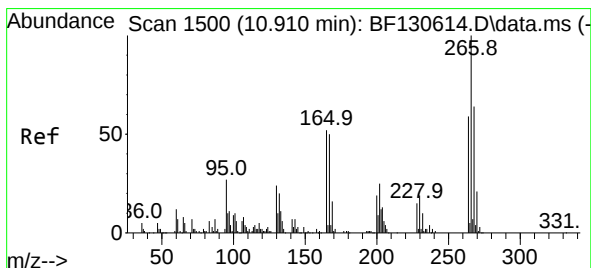
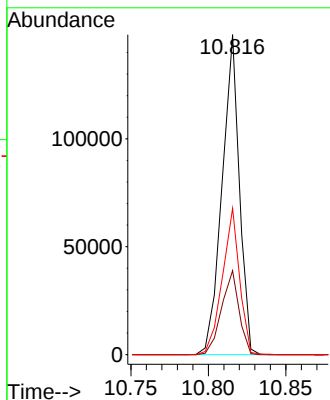
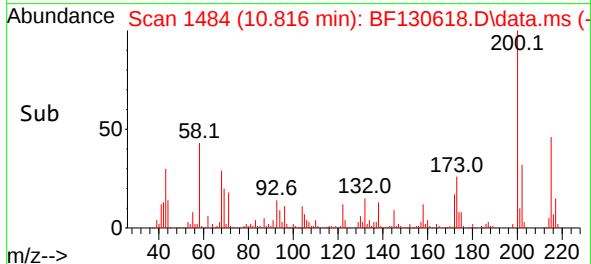
Instrument :
BNA_F
ClientSampleId :
ICVBF101122



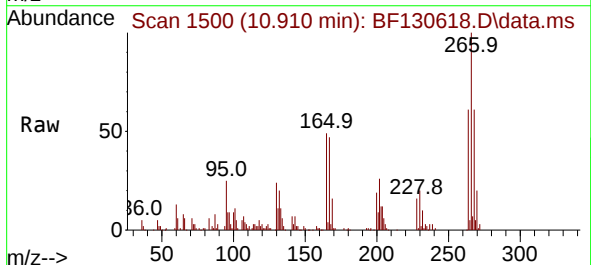
Tgt Ion:200 Resp: 115220
Ion Ratio Lower Upper
200 100
173 26.3 7.1 47.1
215 45.7 24.9 64.9

Manual Integrations
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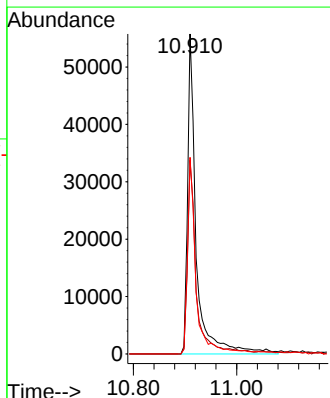
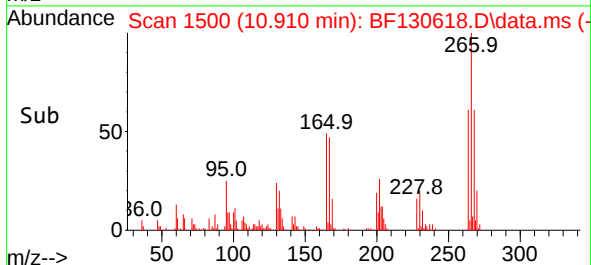
Reviewed By :Christian Giraldo 10/12/2022
Supervised By :Jagrut Upadhyay 10/12/2022

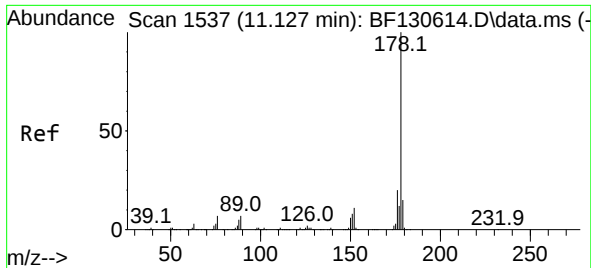


#70
Pentachlorophenol
Concen: 45.884 ng
RT: 10.910 min Scan# 1500
Delta R.T. -0.000 min
Lab File: BF130618.D
Acq: 11 Oct 2022 14:58



Tgt Ion:266 Resp: 65351
Ion Ratio Lower Upper
266 100
268 60.6 50.8 76.2
264 61.4 47.5 71.3





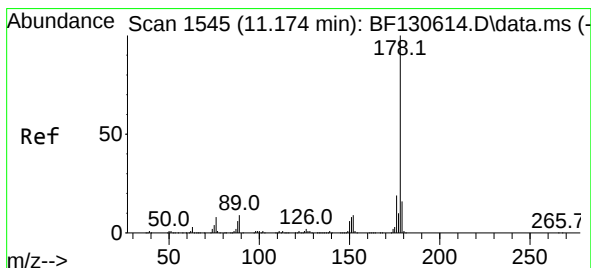
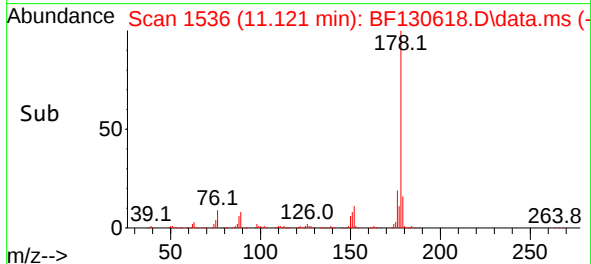
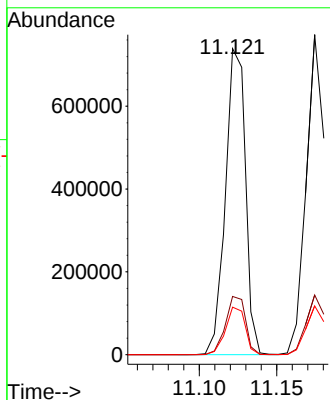
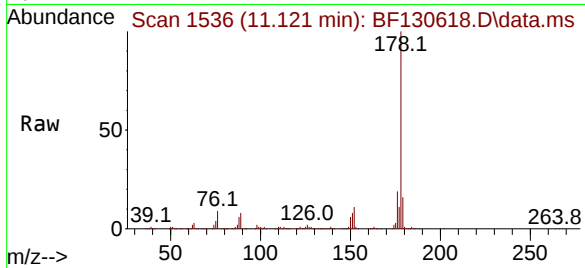
#71
Phenanthrene
Concen: 41.978 ng
RT: 11.121 min Scan# 1536
Delta R.T. -0.006 min
Lab File: BF130618.D
Acq: 11 Oct 2022 14:58

Instrument :
BNA_F
ClientSampleId :
ICVBF101122

Tgt Ion:178 Resp: 665398
Ion Ratio Lower Upper
178 100
176 19.0 15.7 23.5
179 15.5 12.2 18.4

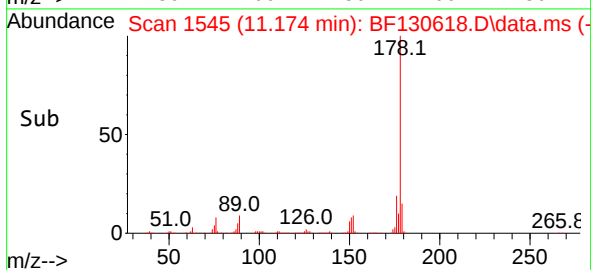
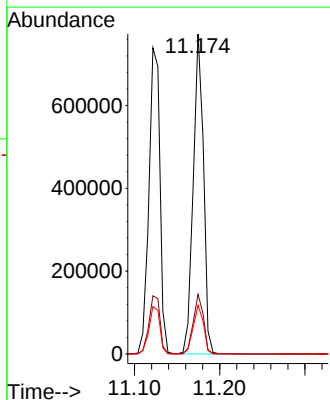
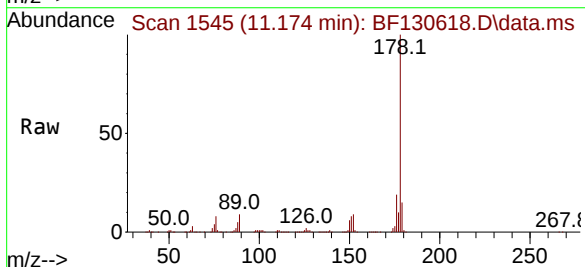
Manual Integrations
APPROVED

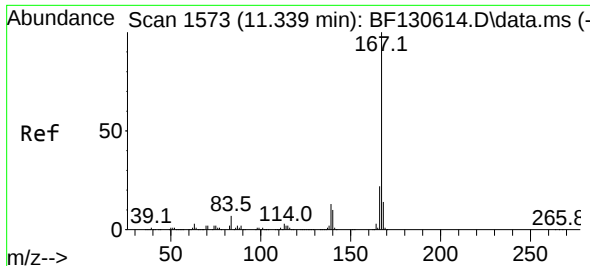
Reviewed By :Christian Giraldo 10/12/2022
Supervised By :Jagrut Upadhyay 10/12/2022



#72
Anthracene
Concen: 41.669 ng
RT: 11.174 min Scan# 1545
Delta R.T. -0.000 min
Lab File: BF130618.D
Acq: 11 Oct 2022 14:58

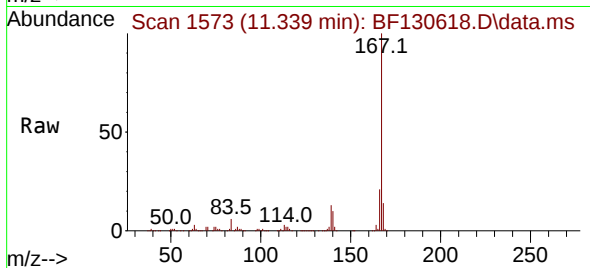
Tgt Ion:178 Resp: 645079
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.4
179 15.3 12.5 18.7





#73
 Carbazole
 Concen: 41.568 ng
 RT: 11.339 min Scan# 1573
 Delta R.T. -0.000 min
 Lab File: BF130618.D
 Acq: 11 Oct 2022 14:58

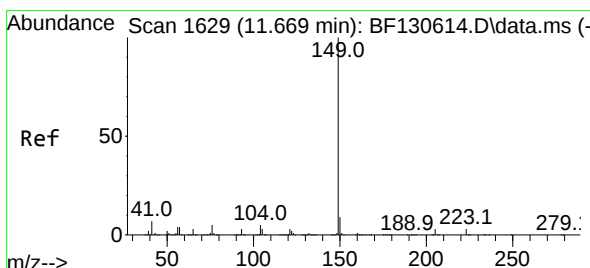
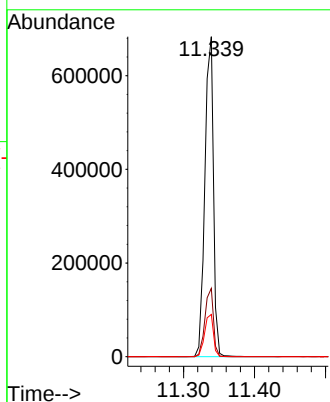
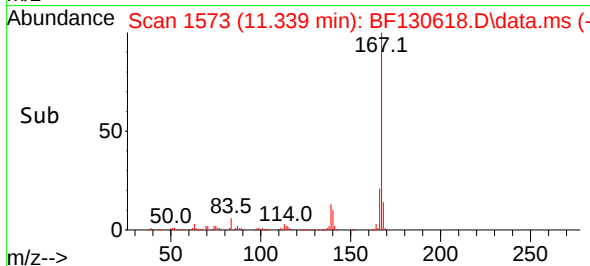
Instrument : BNA_F
 ClientSampleId : ICVBF101122



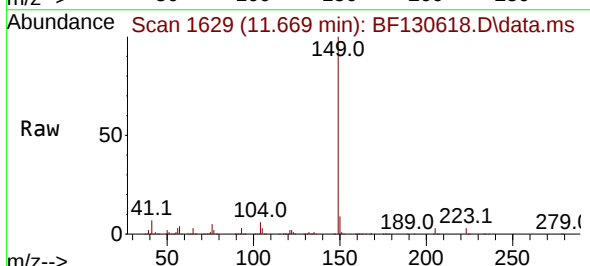
Tgt Ion:167 Resp: 574209
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.3 25.9
 139 13.2 10.7 16.1

Manual Integrations
 APPROVED

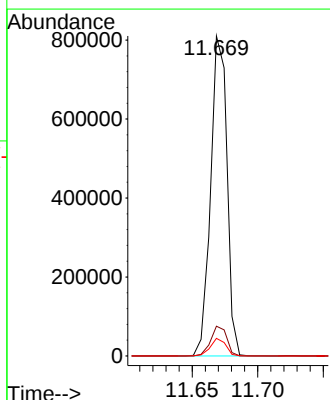
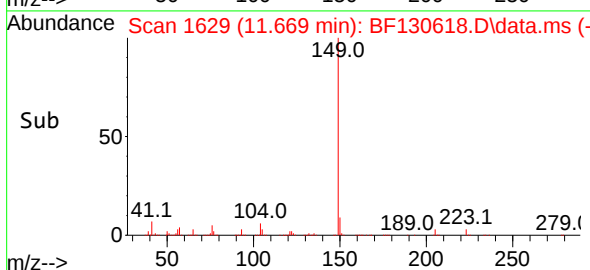
Reviewed By :Christian Giraldo 10/12/2022
 Supervised By :Jagrut Upadhyay 10/12/2022

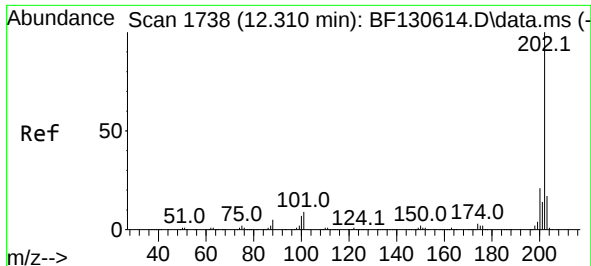


#74
 Di-n-butylphthalate
 Concen: 41.970 ng
 RT: 11.669 min Scan# 1629
 Delta R.T. -0.000 min
 Lab File: BF130618.D
 Acq: 11 Oct 2022 14:58



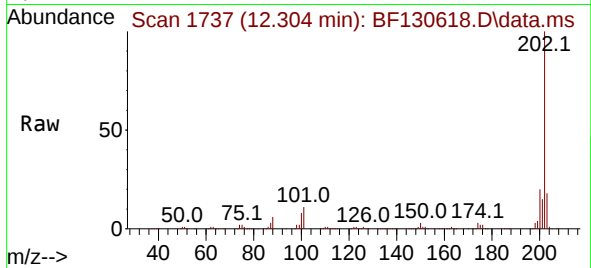
Tgt Ion:149 Resp: 702294
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 5.5 4.2 6.2





#75
Fluoranthene
Concen: 41.664 ng
RT: 12.304 min Scan# 1737
Delta R.T. -0.006 min
Lab File: BF130618.D
Acq: 11 Oct 2022 14:58

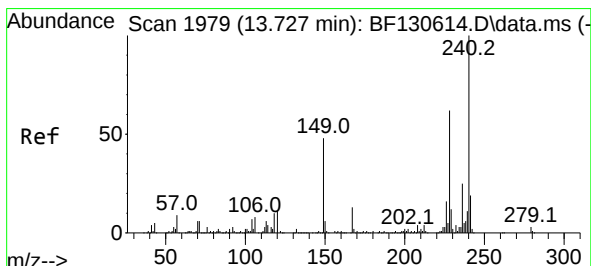
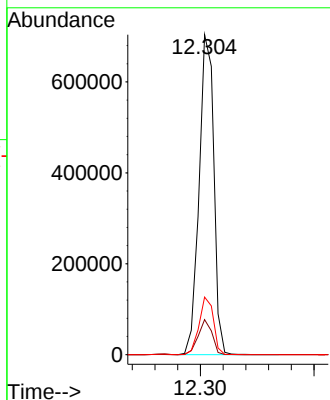
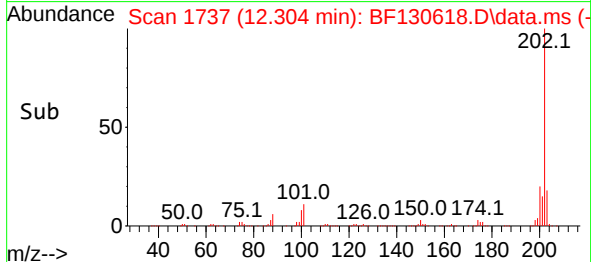
Instrument :
BNA_F
ClientSampleId :
ICVBF101122



Tgt Ion:202 Resp: 634732
Ion Ratio Lower Upper
202 100
101 10.9 0.0 29.1
203 18.0 0.0 37.3

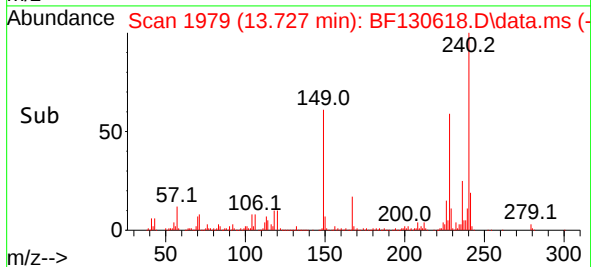
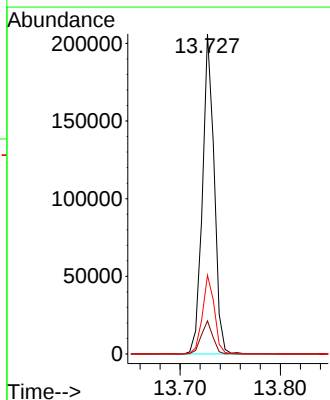
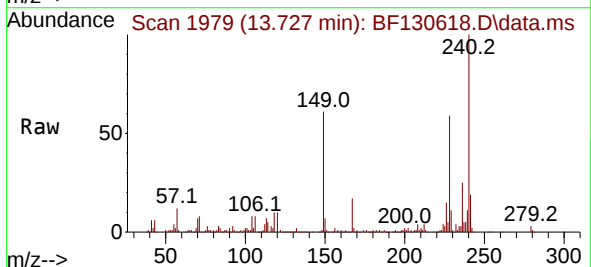
Manual Integrations
APPROVED

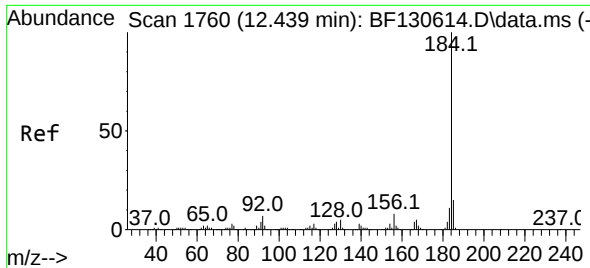
Reviewed By :Christian Giraldo 10/12/2022
Supervised By :Jagrut Upadhyay 10/12/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.727 min Scan# 1979
Delta R.T. -0.000 min
Lab File: BF130618.D
Acq: 11 Oct 2022 14:58

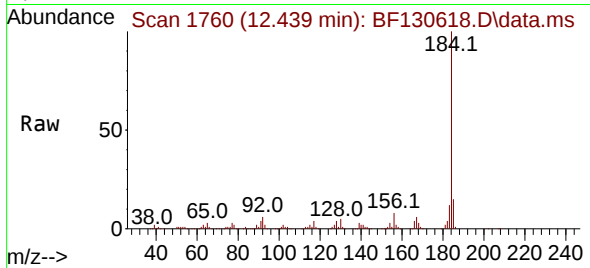
Tgt Ion:240 Resp: 167871
Ion Ratio Lower Upper
240 100
120 10.4 8.6 13.0
236 24.6 20.2 30.4





#77
Benzidine
Concen: 36.124 ng
RT: 12.439 min Scan# 1760
Delta R.T. -0.000 min
Lab File: BF130618.D
Acq: 11 Oct 2022 14:58

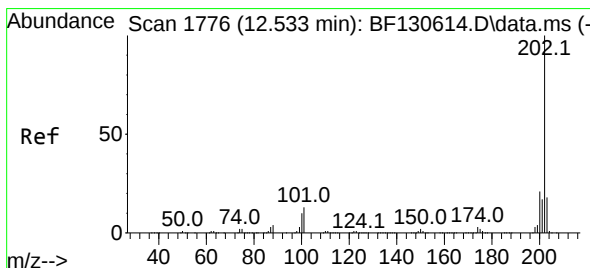
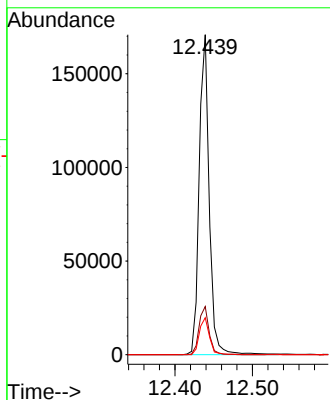
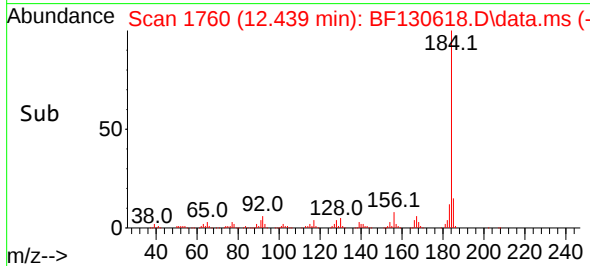
Instrument :
BNA_F
ClientSampleId :
ICVBF101122



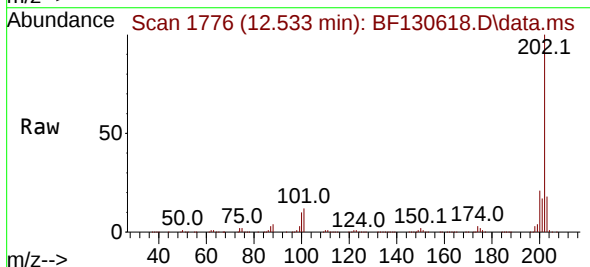
Tgt Ion:184 Resp: 153278
Ion Ratio Lower Upper
184 100
185 15.1 12.0 18.0
183 11.6 9.0 13.4

Manual Integrations
APPROVED

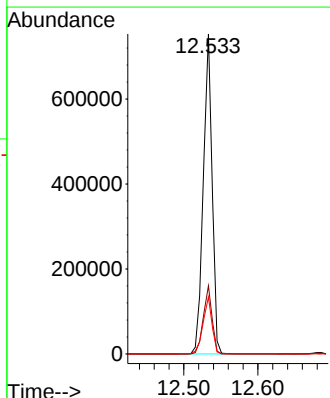
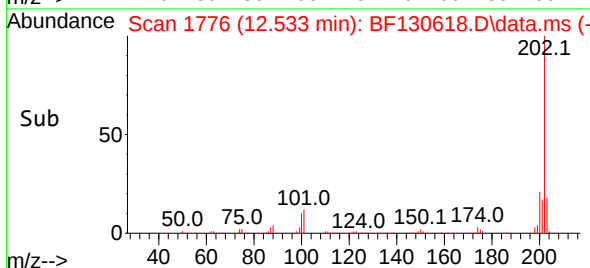
Reviewed By :Christian Giraldo 10/12/2022
Supervised By :Jagrut Upadhyay 10/12/2022

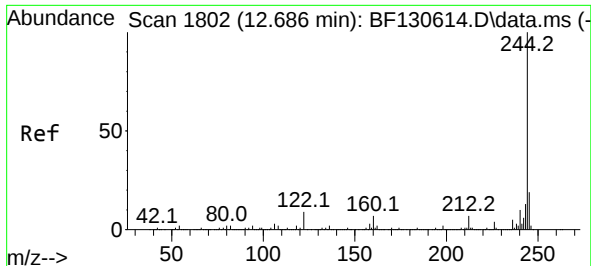


#78
Pyrene
Concen: 43.097 ng
RT: 12.533 min Scan# 1776
Delta R.T. -0.000 min
Lab File: BF130618.D
Acq: 11 Oct 2022 14:58



Tgt Ion:202 Resp: 624145
Ion Ratio Lower Upper
202 100
200 21.3 16.7 25.1
203 17.8 14.0 21.0





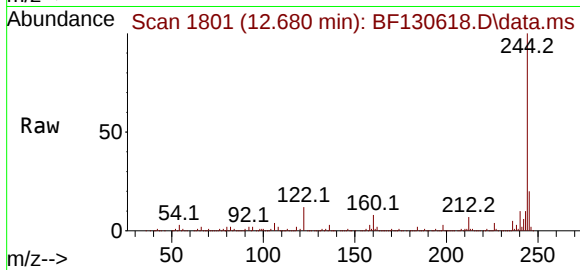
#79
 Terphenyl-d14
 Concen: 87.631 ng
 RT: 12.680 min Scan# 1802
 Delta R.T. -0.006 min
 Lab File: BF130618.D
 Acq: 11 Oct 2022 14:58

Instrument :

BNA_F

ClientSampleId :

ICVBF101122

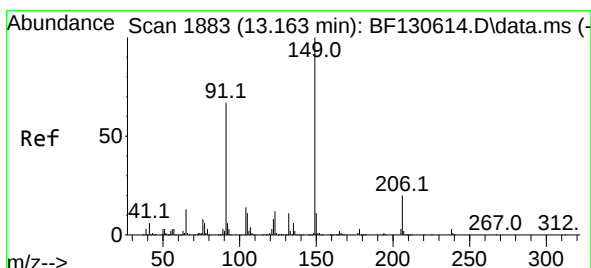
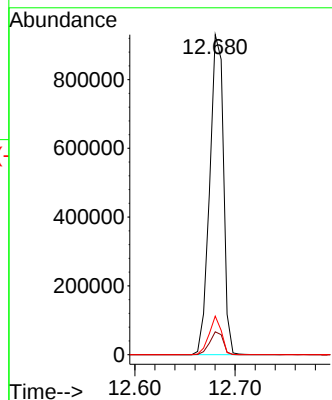
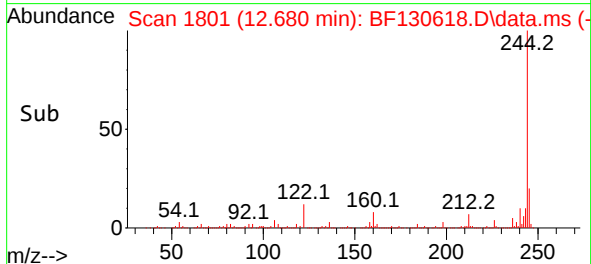


Tgt Ion:244 Resp: 886333
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 12.1 7.5 11.3

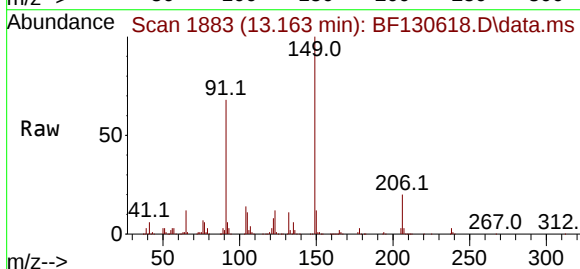
Manual Integrations

APPROVED

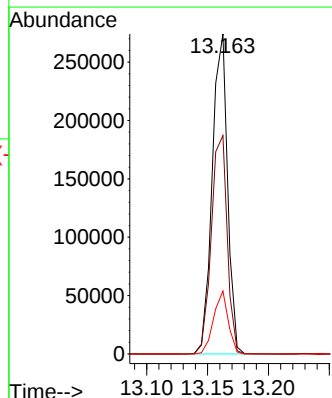
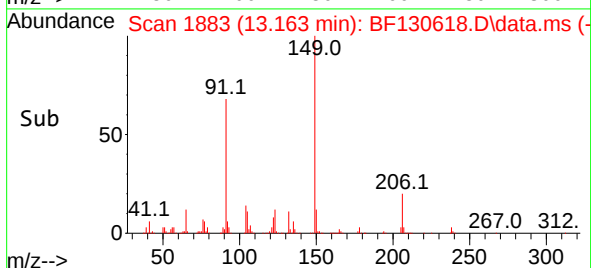
Reviewed By :Christian Giraldo 10/12/2022
 Supervised By :Jagrut Upadhyay 10/12/2022

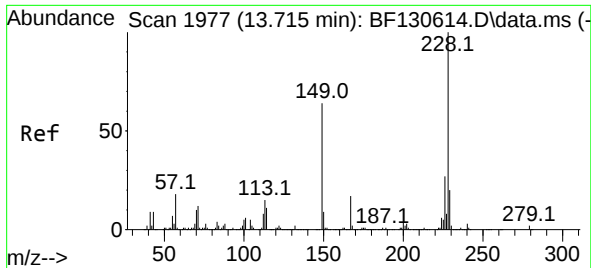


#80
 Butylbenzylphthalate
 Concen: 43.130 ng
 RT: 13.163 min Scan# 1883
 Delta R.T. -0.000 min
 Lab File: BF130618.D
 Acq: 11 Oct 2022 14:58



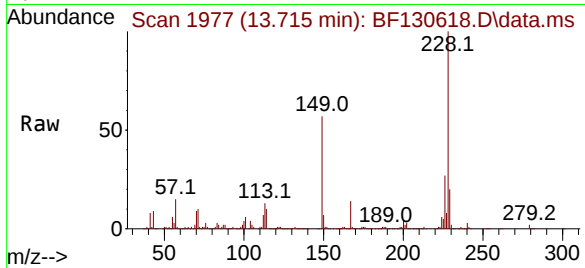
Tgt Ion:149 Resp: 240182
 Ion Ratio Lower Upper
 149 100
 91 68.2 53.8 80.8
 206 19.6 15.8 23.6





#81
Benzo(a)anthracene
Concen: 41.766 ng
RT: 13.715 min Scan# 1977
Delta R.T. -0.000 min
Lab File: BF130618.D
Acq: 11 Oct 2022 14:58

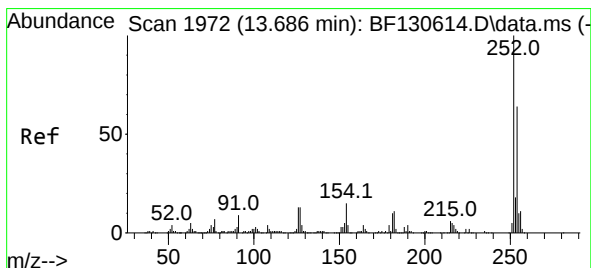
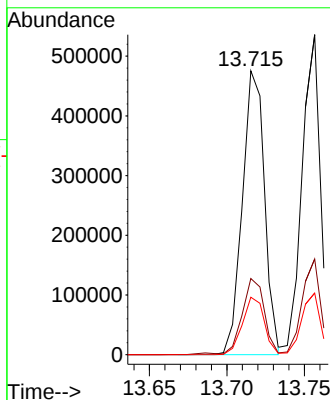
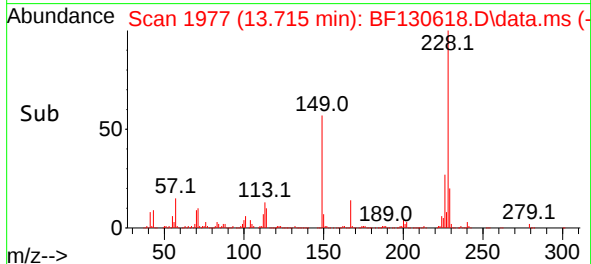
Instrument :
BNA_F
ClientSampleId :
ICVBF101122



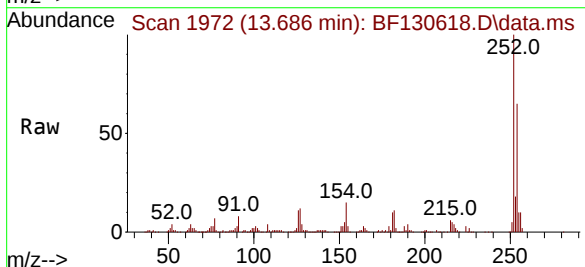
Tgt Ion:228 Resp: 472420
Ion Ratio Lower Upper
228 100
226 26.8 21.4 32.2
229 20.3 15.8 23.8

Manual Integrations
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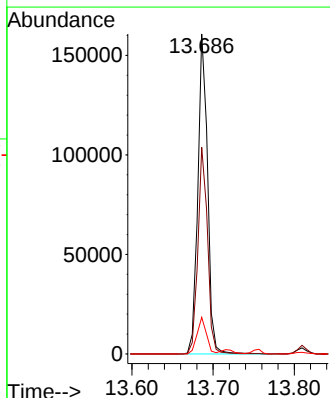
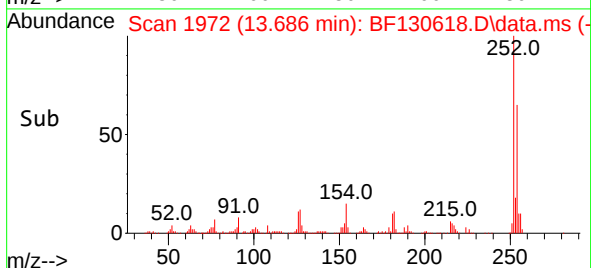
Reviewed By :Christian Giraldo 10/12/2022
Supervised By :Jagrut Upadhyay 10/12/2022

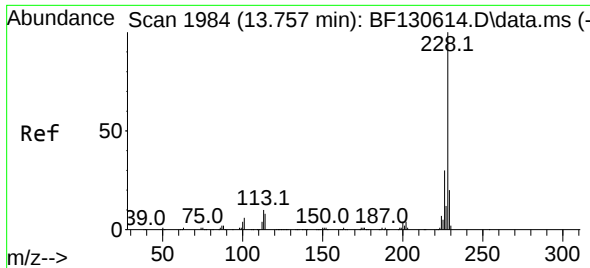


#82
3,3'-Dichlorobenzidine
Concen: 41.152 ng
RT: 13.686 min Scan# 1972
Delta R.T. -0.000 min
Lab File: BF130618.D
Acq: 11 Oct 2022 14:58



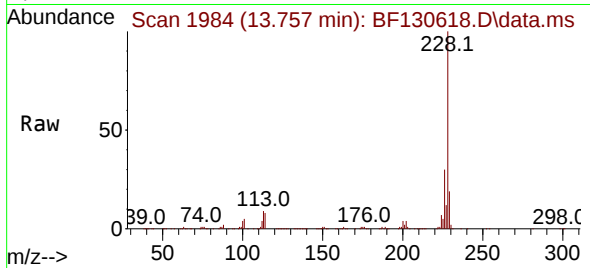
Tgt Ion:252 Resp: 134511
Ion Ratio Lower Upper
252 100
254 64.6 50.9 76.3
126 11.4 10.2 15.4





#83
Chrysene
Concen: 41.414 ng
RT: 13.757 min Scan# 1984
Delta R.T. -0.000 min
Lab File: BF130618.D
Acq: 11 Oct 2022 14:58

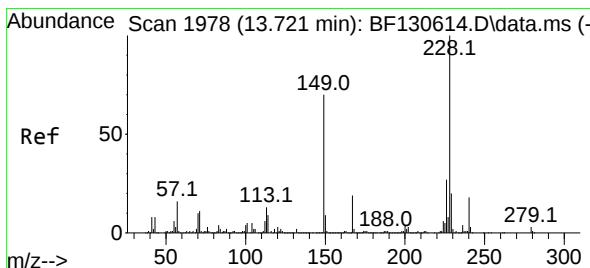
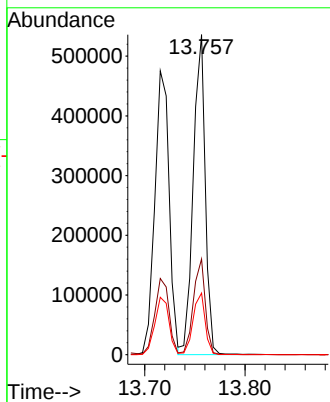
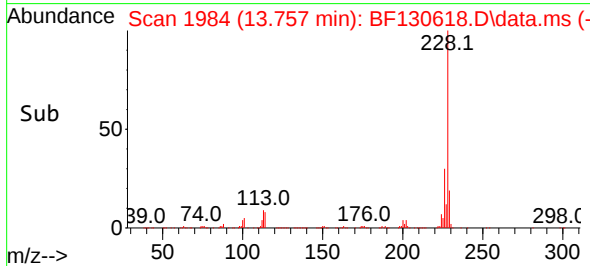
Instrument :
BNA_F
ClientSampleId :
ICVBF101122



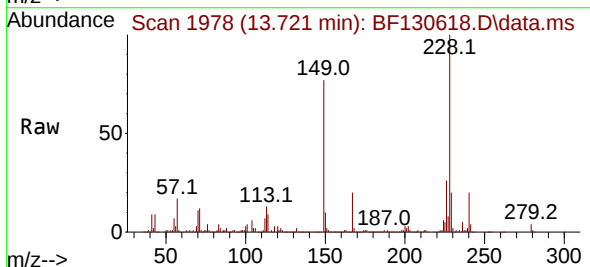
Tgt Ion:228 Resp: 444150
Ion Ratio Lower Upper
228 100
226 29.9 23.9 35.9
229 19.3 15.9 23.9

Manual Integrations
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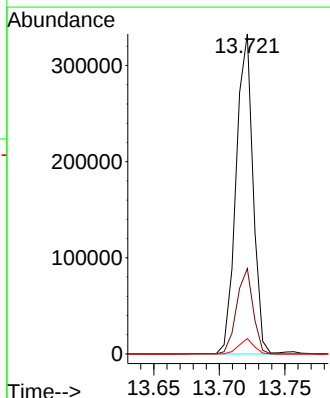
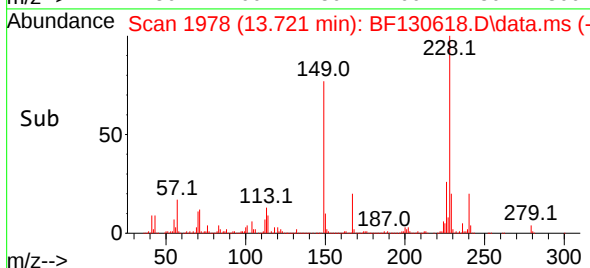
Reviewed By :Christian Giraldo 10/12/2022
Supervised By :Jagrut Upadhyay 10/12/2022

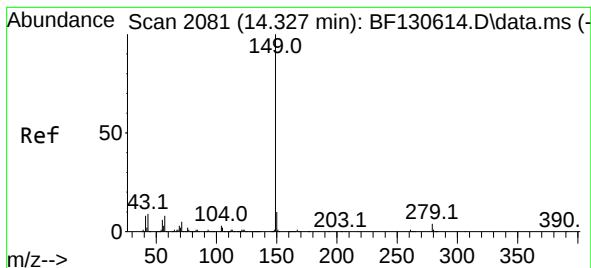


#84
Bis(2-ethylhexyl)phthalate
Concen: 44.270 ng
RT: 13.721 min Scan# 1978
Delta R.T. -0.000 min
Lab File: BF130618.D
Acq: 11 Oct 2022 14:58



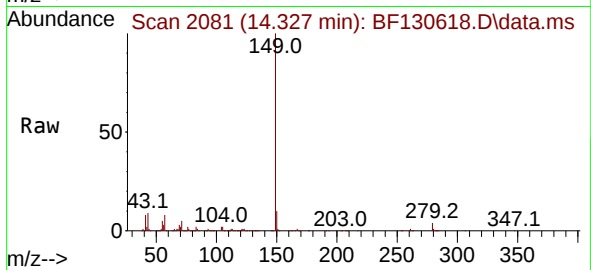
Tgt Ion:149 Resp: 298882
Ion Ratio Lower Upper
149 100
167 26.7 21.9 32.9
279 4.8 3.8 5.6





#85
Di-n-octyl phthalate
Concen: 44.020 ng
RT: 14.327 min Scan# 2081
Delta R.T. -0.000 min
Lab File: BF130618.D
Acq: 11 Oct 2022 14:58

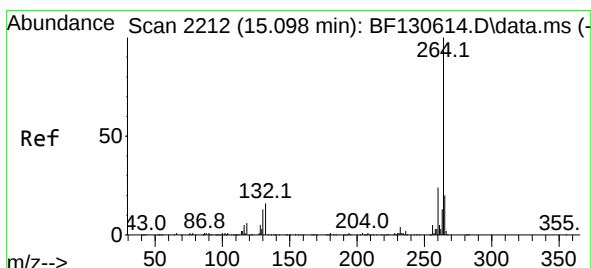
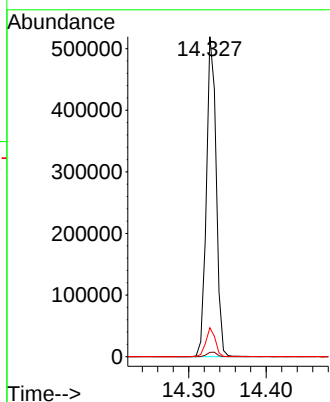
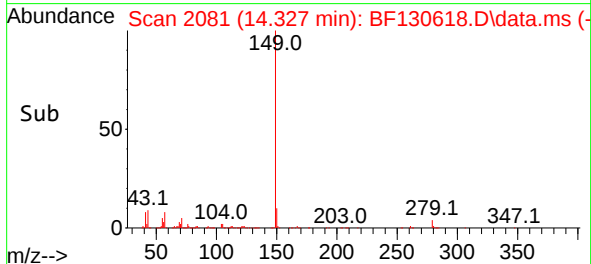
Instrument :
BNA_F
ClientSampleId :
ICVBF101122



Tgt Ion:149 Resp: 45514
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 8.8 7.2 10.8

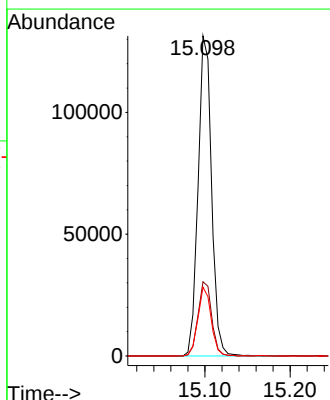
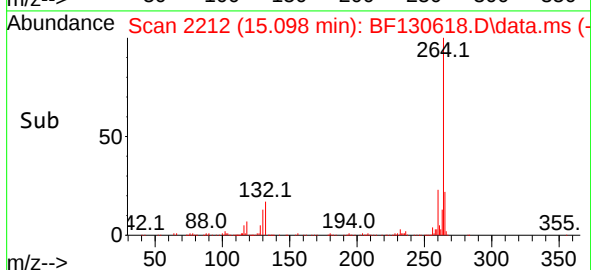
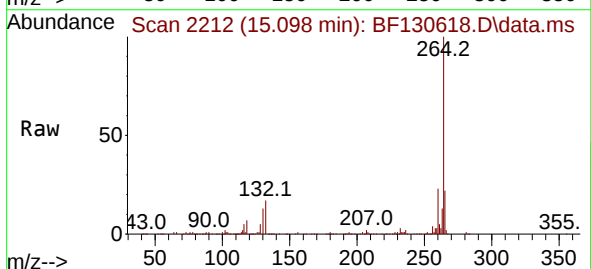
Manual Integrations
APPROVED

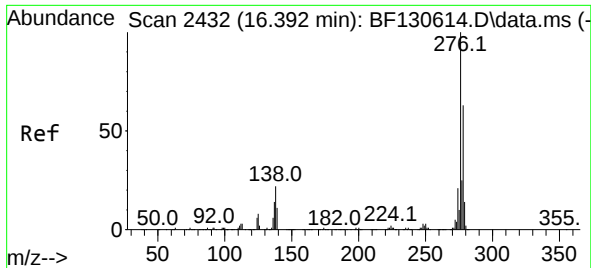
Reviewed By :Christian Giraldo 10/12/2022
Supervised By :Jagrut Upadhyay 10/12/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.098 min Scan# 2212
Delta R.T. -0.000 min
Lab File: BF130618.D
Acq: 11 Oct 2022 14:58

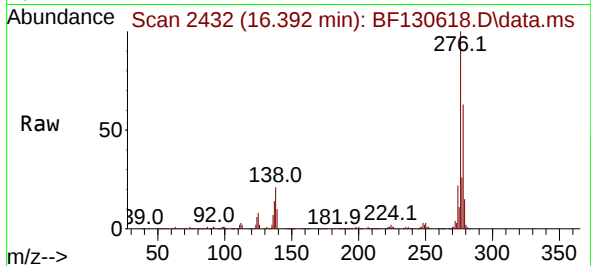
Tgt Ion:264 Resp: 144165
Ion Ratio Lower Upper
264 100
260 23.2 19.1 28.7
265 21.5 16.4 24.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 46.363 ng
RT: 16.392 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BF130618.D
Acq: 11 Oct 2022 14:58

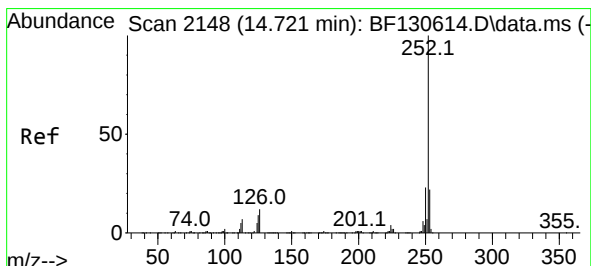
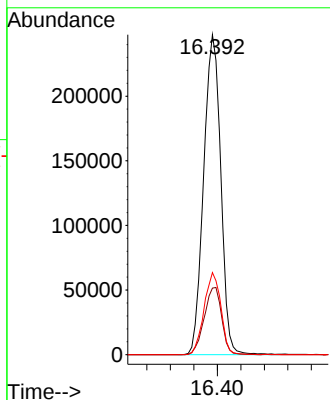
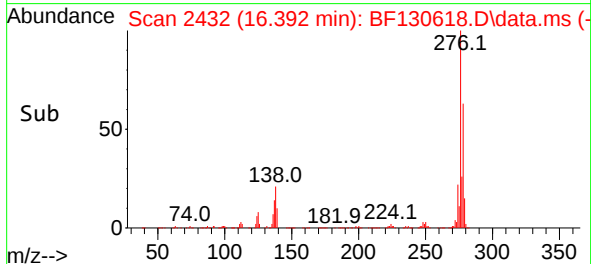
Instrument :
BNA_F
ClientSampleId :
ICVBF101122



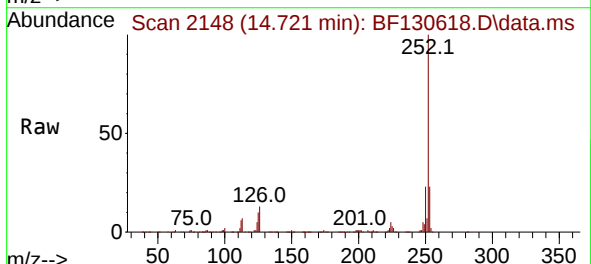
Tgt Ion: 276 Resp: 500272
Ion Ratio Lower Upper
276 100
138 21.4 18.0 27.0
277 25.3 20.0 30.0

Manual Integrations
APPROVED

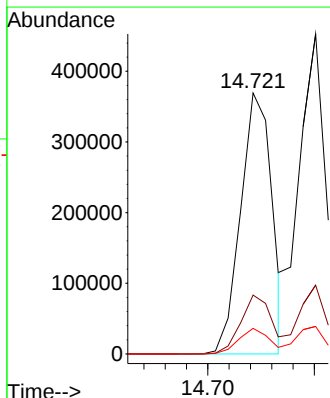
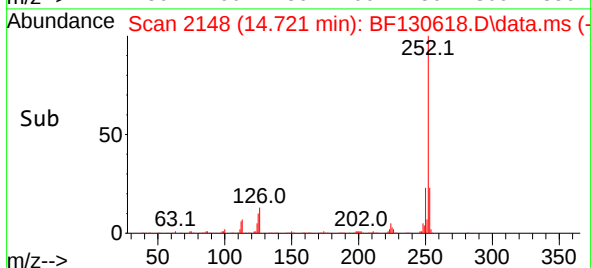
Reviewed By : Christian Giraldo 10/12/2022
Supervised By : Jagrut Upadhyay 10/12/2022

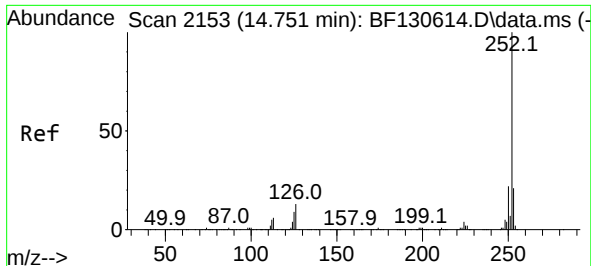


#88
Benzo(b)fluoranthene
Concen: 41.476 ng
RT: 14.721 min Scan# 2148
Delta R.T. -0.000 min
Lab File: BF130618.D
Acq: 11 Oct 2022 14:58



Tgt Ion: 252 Resp: 378631
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.2
125 9.8 7.4 11.0





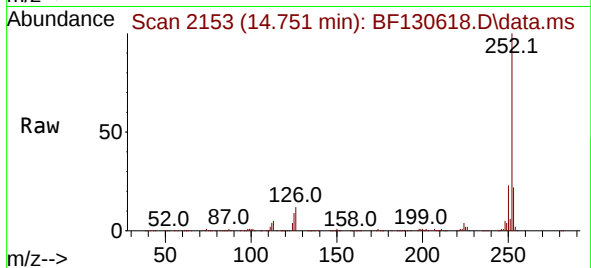
#89
Benzo(k)fluoranthene
Concen: 42.894 ng
RT: 14.751 min Scan# 2153
Delta R.T. -0.000 min
Lab File: BF130618.D
Acq: 11 Oct 2022 14:58

Instrument :

BNA_F

ClientSampleId :

ICVBF101122

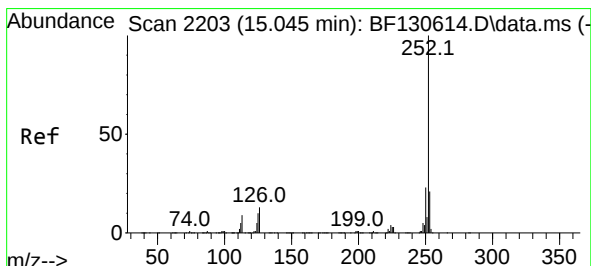
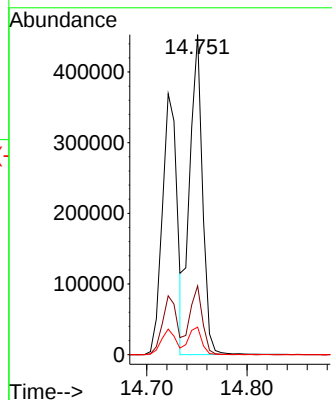
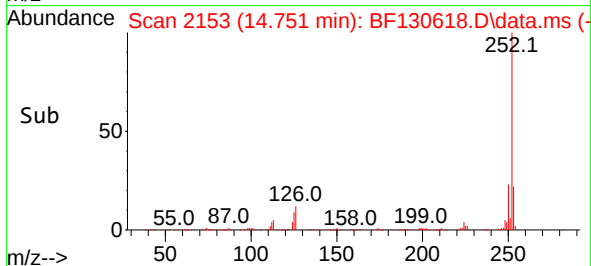


Tgt Ion:252 Resp: 39871
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.4
125 8.6 7.2 10.8

Manual Integrations

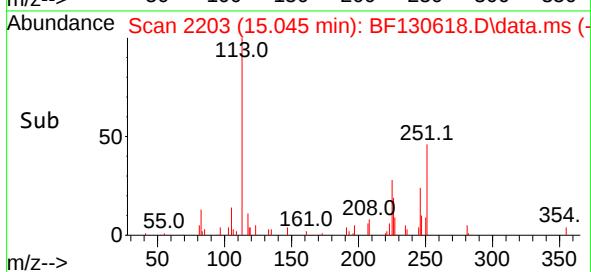
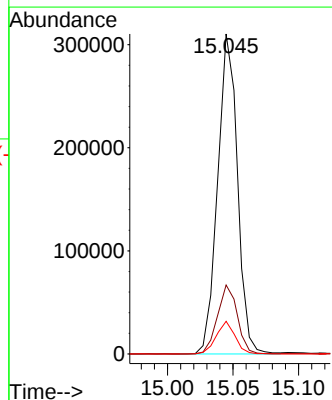
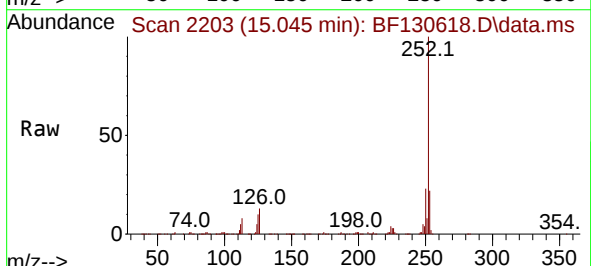
APPROVED

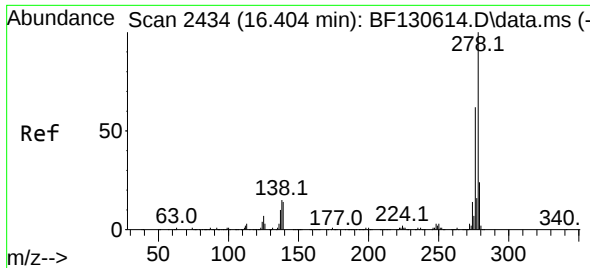
Reviewed By :Christian Giraldo 10/12/2022
Supervised By :Jagrut Upadhyay 10/12/2022



#90
Benzo(a)pyrene
Concen: 42.784 ng
RT: 15.045 min Scan# 2203
Delta R.T. -0.000 min
Lab File: BF130618.D
Acq: 11 Oct 2022 14:58

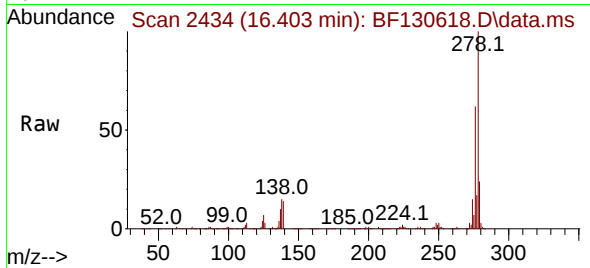
Tgt Ion:252 Resp: 325066
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.6
125 10.2 8.4 12.6





#91
Dibenzo(a,h)anthracene
Concen: 47.010 ng
RT: 16.403 min Scan# 2434
Delta R.T. -0.000 min
Lab File: BF130618.D
Acq: 11 Oct 2022 14:58

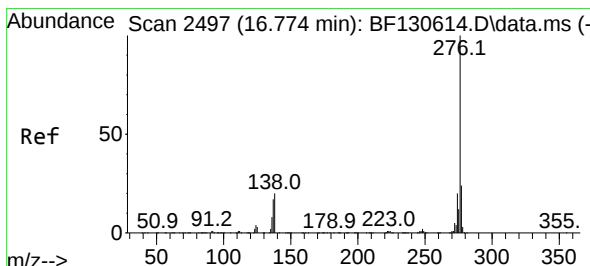
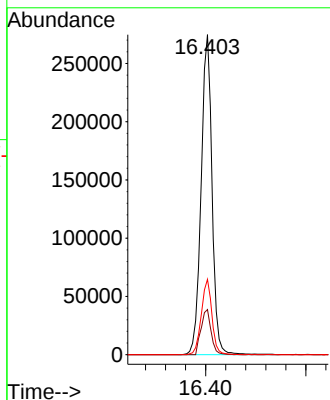
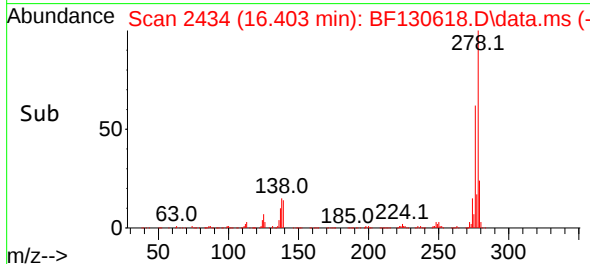
Instrument :
BNA_F
ClientSampleId :
ICVBF101122



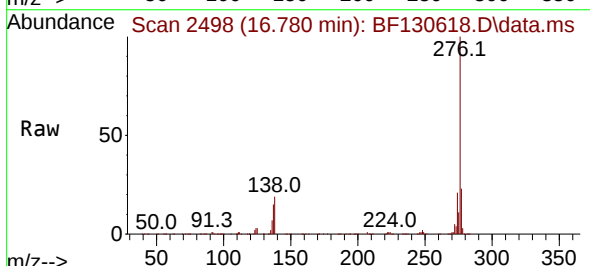
Tgt Ion:278 Resp: 415789
Ion Ratio Lower Upper
278 100
139 14.1 11.1 16.7
279 23.6 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 10/12/2022
Supervised By :Jagrut Upadhyay 10/12/2022



#92
Benzo(g,h,i)perylene
Concen: 50.755 ng
RT: 16.780 min Scan# 2498
Delta R.T. 0.006 min
Lab File: BF130618.D
Acq: 11 Oct 2022 14:58



Tgt Ion:276 Resp: 418112
Ion Ratio Lower Upper
276 100
277 23.5 18.9 28.3
138 18.6 15.9 23.9

