

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101222\
 Data File : BF130624.D
 Acq On : 12 Oct 2022 11:55
 Operator : CG\JU
 Sample : PB148276BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148276BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 10/13/2022
 Supervised By : Jagrut Upadhyay 10/13/2022

Quant Time: Oct 13 05:42:40 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	6.587	152	87127	20.000	ng	0.00
21) Naphthalene-d8	7.875	136	347911	20.000	ng	0.00
39) Acenaphthene-d10	9.622	164	192579	20.000	ng	0.00
64) Phenanthrene-d10	11.098	188	330074	20.000	ng	0.00
76) Chrysene-d12	13.727	240	192413	20.000	ng	0.00
86) Perylene-d12	15.104	264	164335	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.199	112	686552	142.039	ng	0.01
7) Phenol-d6	6.246	99	841884	138.533	ng	0.00
23) Nitrobenzene-d5	7.163	82	537267	84.302	ng	0.00
42) 2,4,6-Tribromophenol	10.416	330	293170	155.579	ng	0.00
45) 2-Fluorobiphenyl	8.951	172	1110588	87.354	ng	0.00
79) Terphenyl-d14	12.686	244	1173541	101.228	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.228	88	76264	26.080	ng	99
3) Pyridine	2.893	79	185972	35.553	ng	97
4) n-Nitrosodimethylamine	2.852	42	116127	47.119	ng	93
6) Aniline	6.257	93	306763	42.163	ng	# 62
8) 2-Chlorophenol	6.375	128	271521	47.767	ng	98
9) Benzaldehyde	6.140	77	153755	40.270	ng	98
10) Phenol	6.257	94	324886	46.204	ng	100
11) bis(2-Chloroethyl)ether	6.334	93	242132	47.405	ng	100
12) 1,3-Dichlorobenzene	6.528	146	286156	45.978	ng	100
13) 1,4-Dichlorobenzene	6.604	146	297556	47.127	ng	99
14) 1,2-Dichlorobenzene	6.757	146	280071	47.629	ng	98
15) Benzyl Alcohol	6.745	79	202124	46.326	ng	98
16) 2,2'-oxybis(1-Chloropr...	6.875	45	302551	46.042	ng	94
17) 2-Methylphenol	6.863	107	214620	47.465	ng	96
18) Hexachloroethane	7.098	117	110011	46.056	ng	96
19) n-Nitroso-di-n-propyla...	7.016	70	181719	46.347	ng	99
20) 3+4-Methylphenols	7.016	107	272505	44.976	ng	92
22) Acetophenone	7.010	105	383405	45.939	ng	99
24) Nitrobenzene	7.181	77	273664	42.699	ng	98
25) Isophorone	7.422	82	504130	47.528	ng	99
26) 2-Nitrophenol	7.498	139	145199	46.197	ng	97
27) 2,4-Dimethylphenol	7.545	122	226126	51.619	ng	99
28) bis(2-Chloroethoxy)met...	7.634	93	305509	49.743	ng	99
29) 2,4-Dichlorophenol	7.740	162	225054	45.918	ng	98
30) 1,2,4-Trichlorobenzene	7.816	180	235830	44.632	ng	99
31) Naphthalene	7.892	128	784351	43.552	ng	100
32) Benzoic acid	7.704	122	116755	42.129	ng	98
33) 4-Chloroaniline	7.951	127	249947	35.828	ng	99
34) Hexachlorobutadiene	8.010	225	150008	45.741	ng	98
35) Caprolactam	8.334	113	73792m	50.041	ng	
36) 4-Chloro-3-methylphenol	8.451	107	248761	46.791	ng	99
37) 2-Methylnaphthalene	8.587	142	522738	46.124	ng	100
38) 1-Methylnaphthalene	8.681	142	496322	45.111	ng	99
40) 1,2,4,5-Tetrachloroben...	8.751	216	246086	47.099	ng	98
41) Hexachlorocyclopentadiene	8.734	237	228882	110.305	ng	98
43) 2,4,6-Trichlorophenol	8.869	196	153521	43.760	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.916	196	176605	45.776	ng	96
46) 1,1'-Biphenyl	9.051	154	651476	46.679	ng	99
47) 2-Chloronaphthalene	9.075	162	509778	44.692	ng	100
48) 2-Nitroaniline	9.181	65	153653	44.749	ng	96
49) Acenaphthylene	9.486	152	756358	44.255	ng	99
50) Dimethylphthalate	9.363	163	603097	45.241	ng	98
51) 2,6-Dinitrotoluene	9.422	165	135780	46.433	ng	95
52) Acenaphthene	9.657	154	460666	44.488	ng	98
53) 3-Nitroaniline	9.592	138	107152	33.428	ng	97
54) 2,4-Dinitrophenol	9.704	184	135330	90.147	ng	# 89
55) Dibenzofuran	9.828	168	710887	45.066	ng	100
56) 4-Nitrophenol	9.775	139	167034	94.509	ng	98
57) 2,4-Dinitrotoluene	9.828	165	176328	46.918	ng	93
58) Fluorene	10.169	166	579080	44.652	ng	100
59) 2,3,4,6-Tetrachlorophenol	9.951	232	140738	45.757	ng	99
60) Diethylphthalate	10.057	149	594584	44.703	ng	99
61) 4-Chlorophenyl-phenyle...	10.163	204	272698	46.510	ng	98
62) 4-Nitroaniline	10.210	138	126970	41.488	ng	99
63) Azobenzene	10.328	77	536918	42.859	ng	95
65) 4,6-Dinitro-2-methylph...	10.233	198	92820	44.999	ng	82
66) n-Nitrosodiphenylamine	10.286	169	493392	44.937	ng	99
67) 4-Bromophenyl-phenylether	10.651	248	179099	47.955	ng	100
68) Hexachlorobenzene	10.710	284	203790	48.270	ng	98
69) Atrazine	10.822	200	164624	55.062	ng	99
70) Pentachlorophenol	10.916	266	162385	98.826	ng	97
71) Phenanthrene	11.128	178	812738	44.443	ng	99
72) Anthracene	11.181	178	819811	45.902	ng	100
73) Carbazole	11.339	167	729409	45.769	ng	100
74) Di-n-butylphthalate	11.675	149	899283	46.583	ng	99
75) Fluoranthene	12.310	202	811656	46.180	ng	100
77) Benzidine	12.439	184	279767	57.524	ng	99
78) Pyrene	12.533	202	790028	47.593	ng	99
80) Butylbenzylphthalate	13.163	149	306825	48.069	ng	99
81) Benzo(a)anthracene	13.722	228	592358	45.689	ng	100
82) 3,3'-Dichlorobenzidine	13.692	252	172321	45.995	ng	# 98
83) Chrysene	13.757	228	556201	45.247	ng	99
84) Bis(2-ethylhexyl)phtha...	13.722	149	392374	50.706	ng	99
85) Di-n-octyl phthalate	14.333	149	582016	49.110	ng	99
87) Indeno(1,2,3-cd)pyrene	16.392	276	618875	50.315	ng	99
88) Benzo(b)fluoranthene	14.727	252	531992	51.123	ng	99
89) Benzo(k)fluoranthene	14.751	252	488812	46.133	ng	100
90) Benzo(a)pyrene	15.051	252	442582	51.102	ng	98
91) Dibenzo(a,h)anthracene	16.410	278	537633	53.325	ng	99
92) Benzo(g,h,i)perylene	16.786	276	540071	57.513	ng	97

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

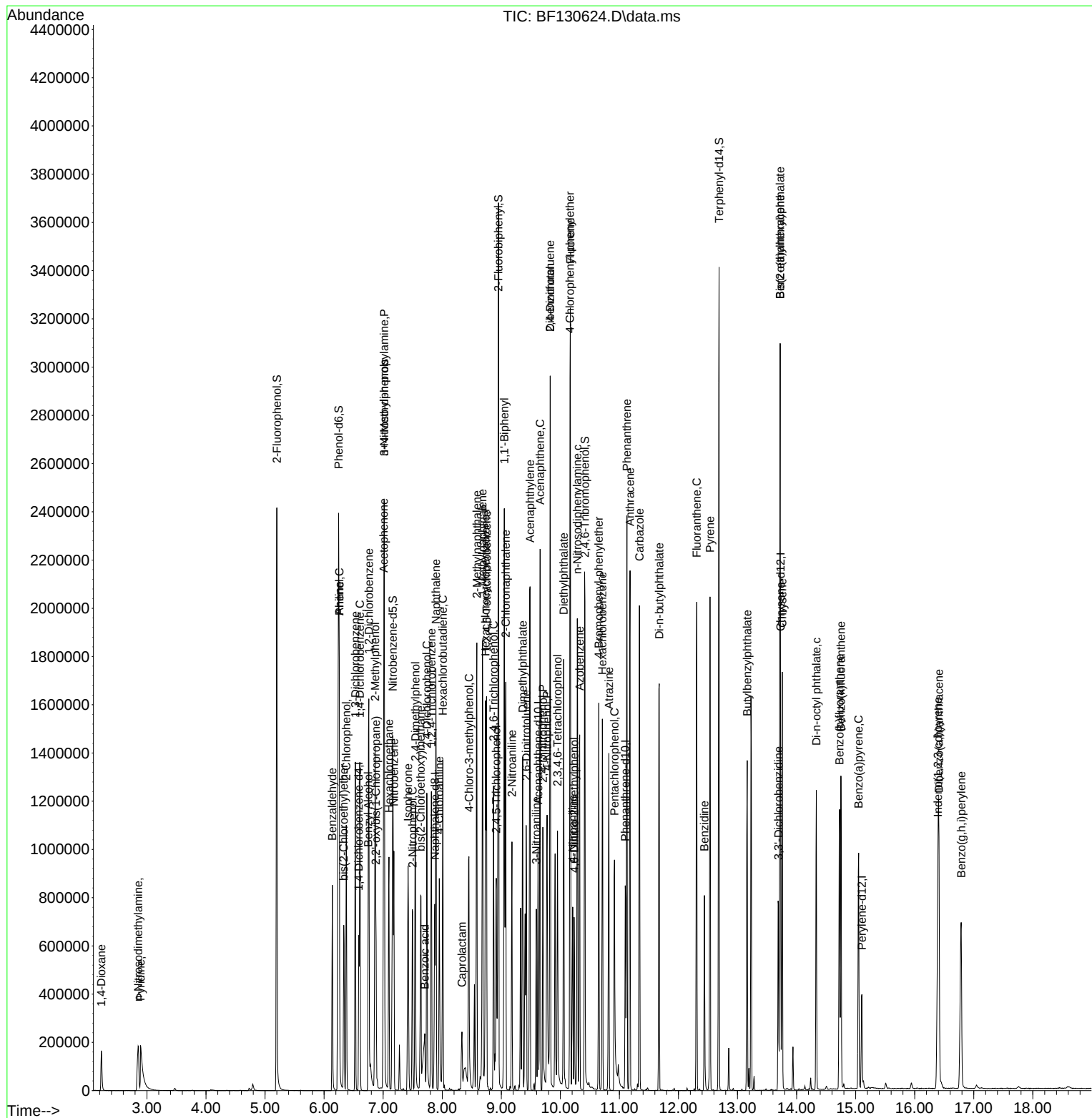
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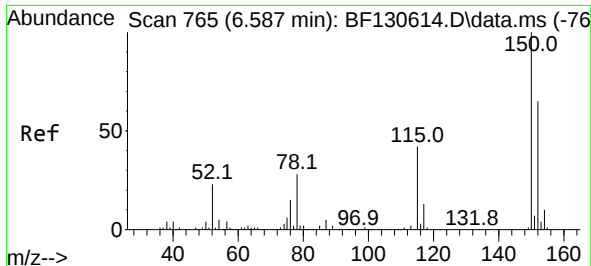
Instrument :
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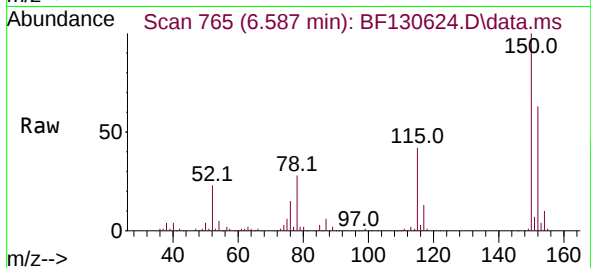
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.587 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

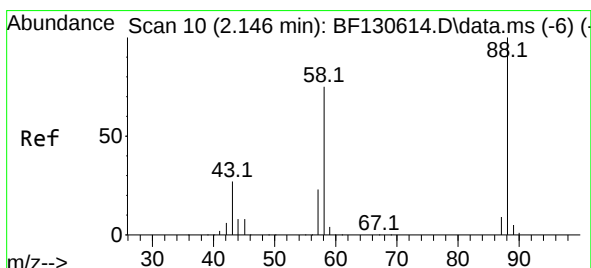
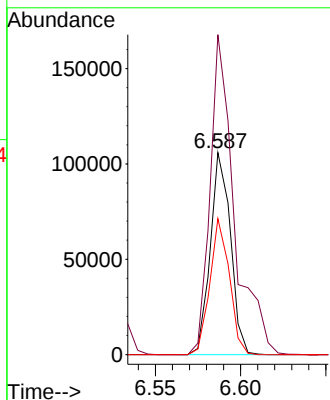
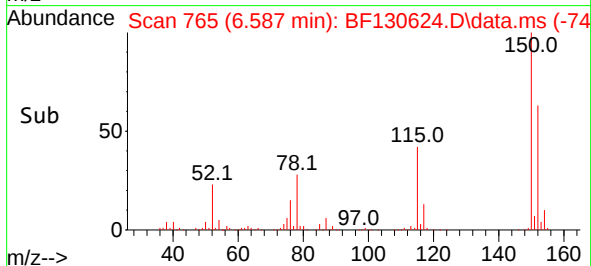
Instrument :
BNA_F
Client SampleId :
PB148276BS



Tgt Ion: 152 Resp: 87127
Ion Ratio Lower Upper
152 100
150 158.5 123.8 185.6
115 67.3 52.2 78.4

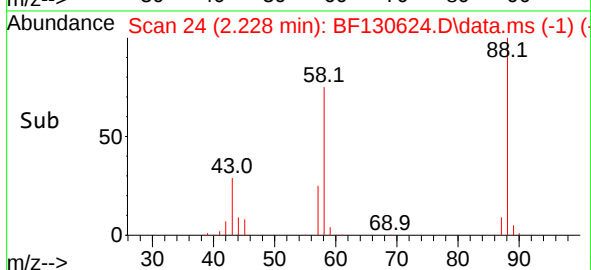
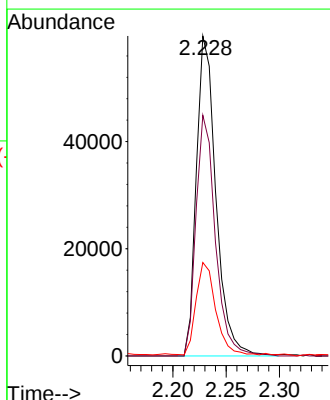
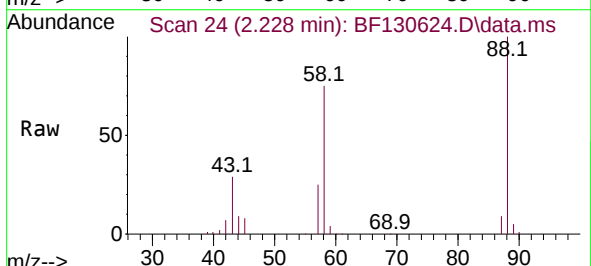
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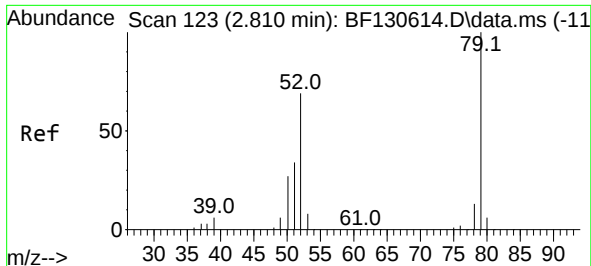
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#2
1,4-Dioxane
Concen: 26.080 ng
RT: 2.228 min Scan# 24
Delta R.T. 0.083 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

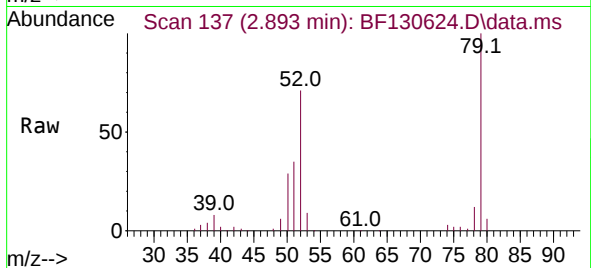
Tgt Ion: 88 Resp: 76264
Ion Ratio Lower Upper
88 100
58 74.2 58.8 88.2
43 28.8 22.2 33.4





#3
Pyridine
Concen: 35.553 ng
RT: 2.893 min Scan# 130
Delta R.T. 0.083 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

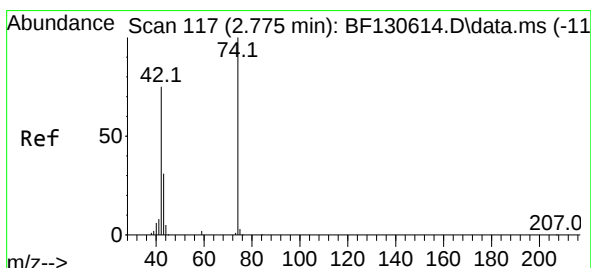
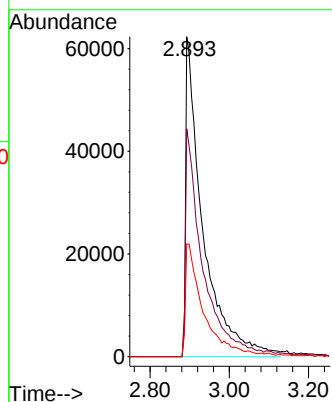
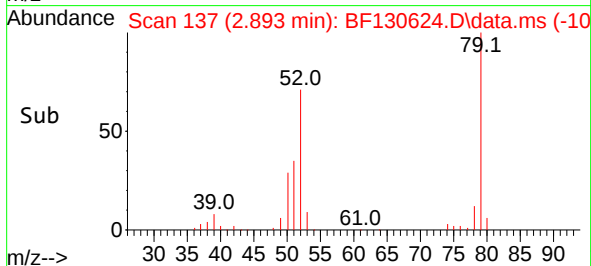
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ClientSampleId :
PB148276BS



Tgt Ion: 79 Resp: 185972
Ion Ratio Lower Upper
79 100
52 71.2 54.8 82.2
51 35.2 27.4 41.2

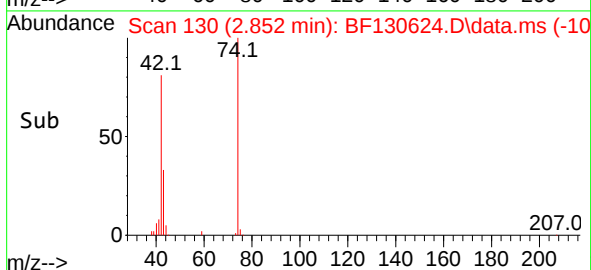
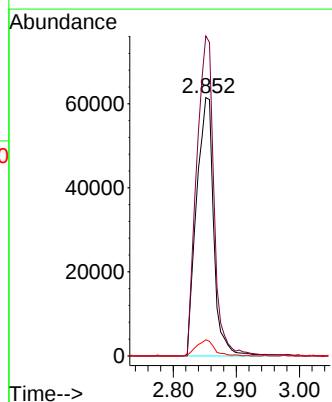
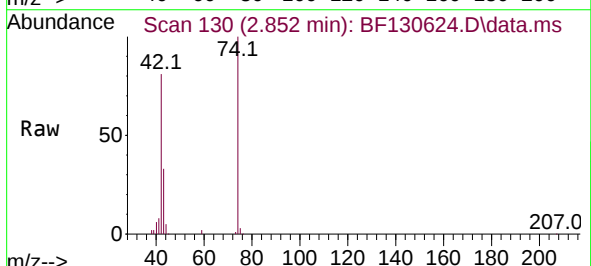
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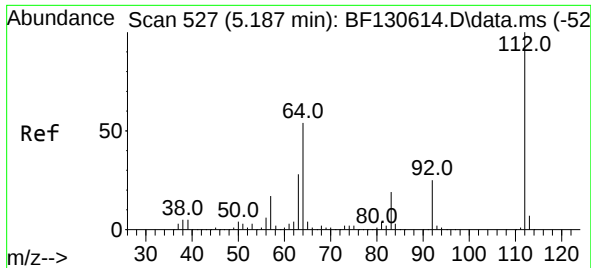
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#4
n-Nitrosodimethylamine
Concen: 47.119 ng
RT: 2.852 min Scan# 130
Delta R.T. 0.077 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

Tgt Ion: 42 Resp: 116127
Ion Ratio Lower Upper
42 100
74 123.9 106.2 159.2
44 6.2 5.0 7.4





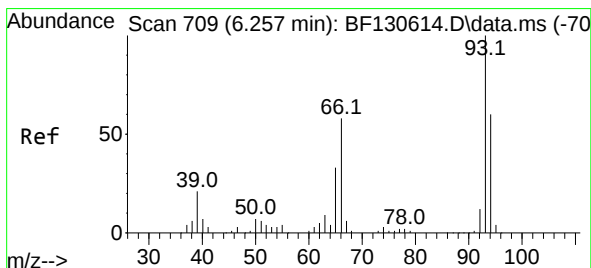
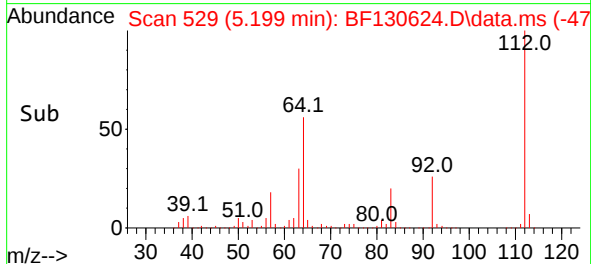
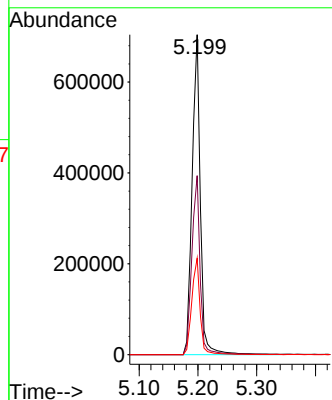
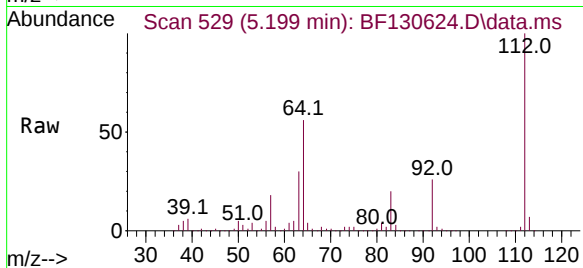
#5
2-Fluorophenol
Concen: 142.039 ng
RT: 5.199 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF130624.D
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ClientSampleId :
PB148276BS

Tgt Ion:112 Resp: 686552
Ion Ratio Lower Upper
112 100
64 55.9 43.5 65.3
63 30.2 22.6 34.0

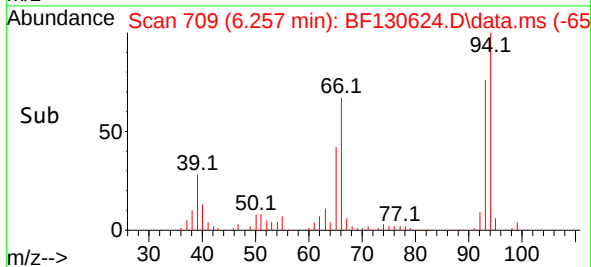
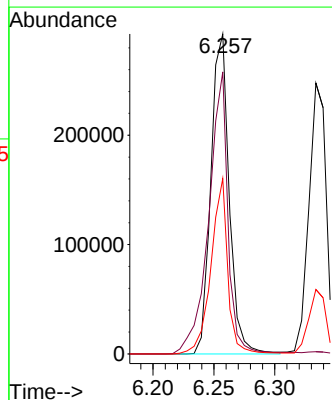
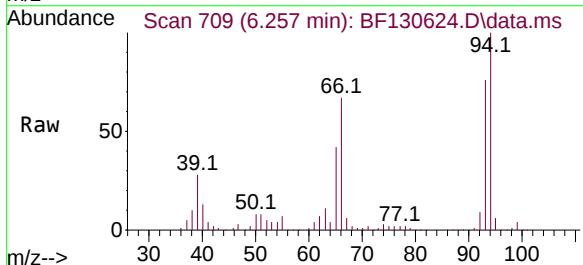
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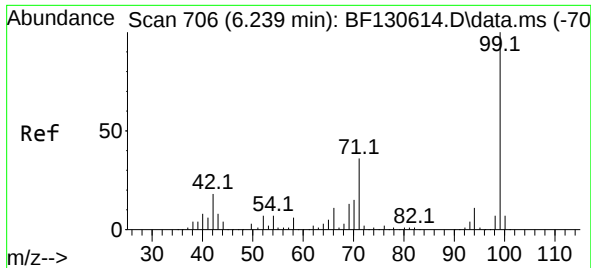
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#6
Aniline
Concen: 42.163 ng
RT: 6.257 min Scan# 709
Delta R.T. 0.000 min
Lab File: BF130624.D
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Tgt Ion: 93 Resp: 306763
Ion Ratio Lower Upper
93 100
66 88.1 47.4 71.0#
65 54.8 26.6 40.0#





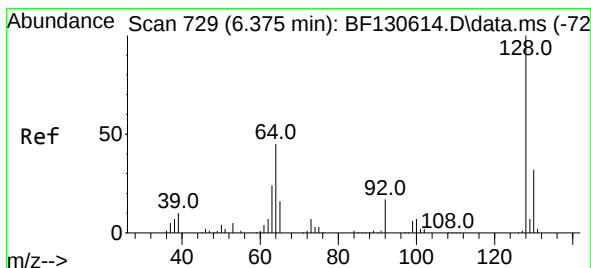
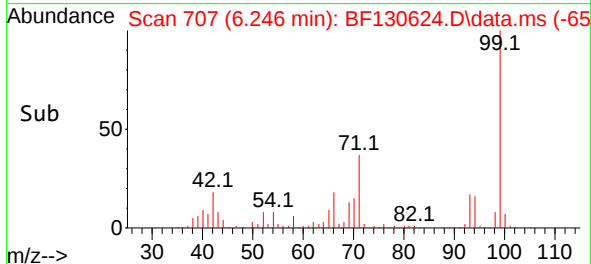
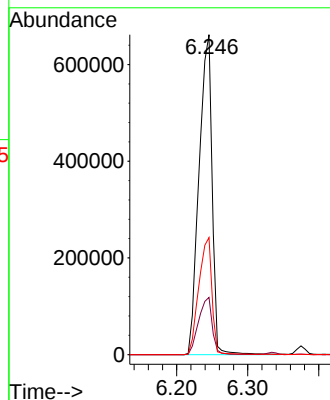
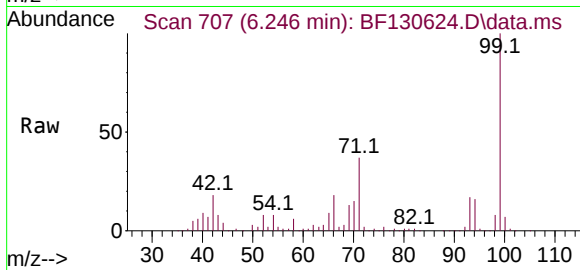
#7
Phenol-d6
Concen: 138.533 ng
RT: 6.246 min Scan# 706
Delta R.T. 0.006 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

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Tgt Ion: 99 Resp: 841884
Ion Ratio Lower Upper
99 100
42 17.9 14.0 21.0
71 36.6 28.8 43.2

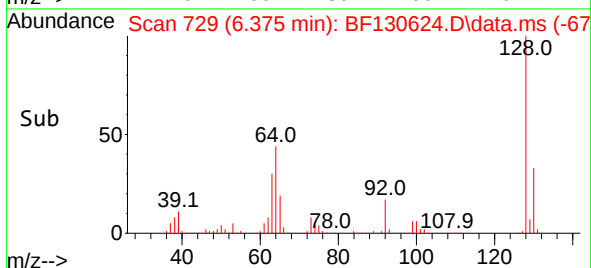
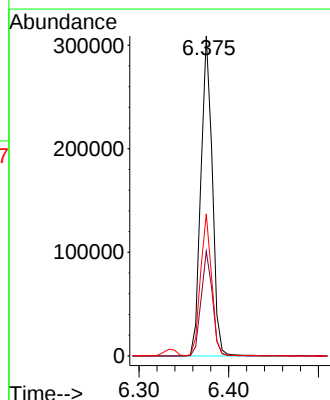
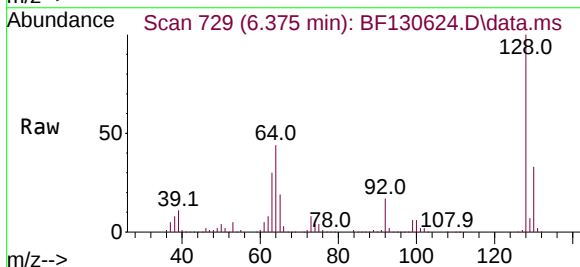
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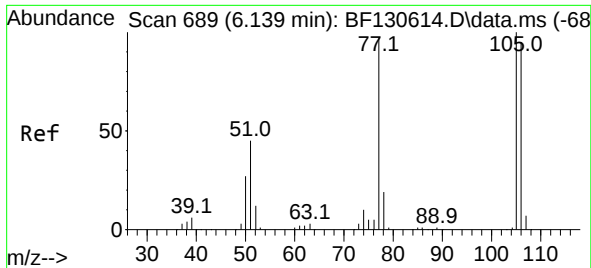
Reviewed By :Christian Giraldo 10/13/2022
Supervised By :Jagrut Upadhyay 10/13/2022



#8
2-Chlorophenol
Concen: 47.767 ng
RT: 6.375 min Scan# 729
Delta R.T. 0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

Tgt Ion:128 Resp: 271521
Ion Ratio Lower Upper
128 100
130 32.7 12.4 52.4
64 44.4 25.9 65.9





#9
Benzaldehyde
Concen: 40.270 ng
RT: 6.140 min Scan# 689
Delta R.T. 0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

Instrument :

BNA_F

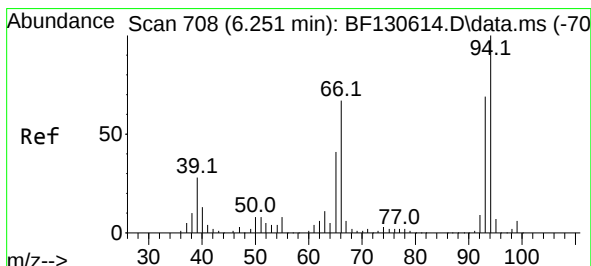
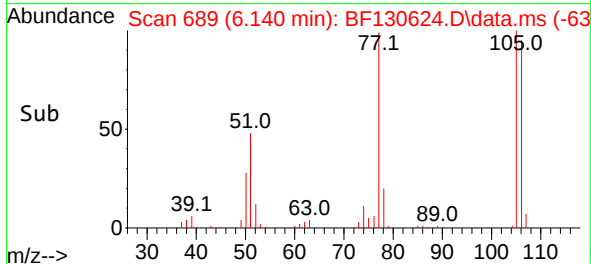
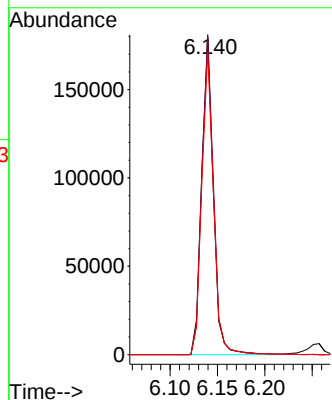
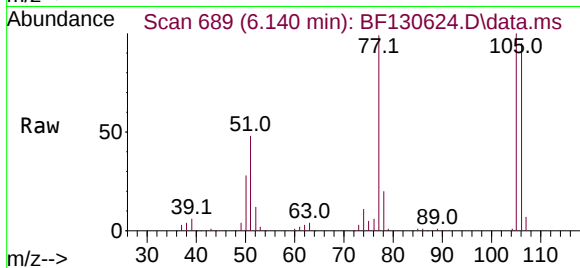
ClientSampleId :

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Tgt Ion: 77 Resp: 153755
Ion Ratio Lower Upper
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105 100.7 83.0 123.0
106 95.2 77.8 117.8

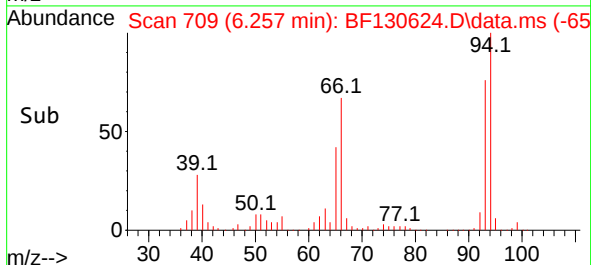
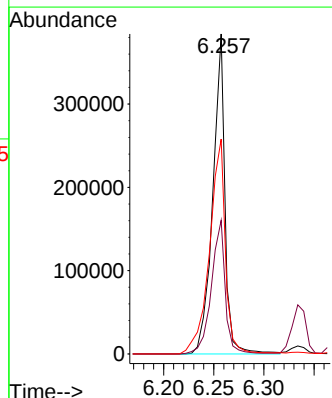
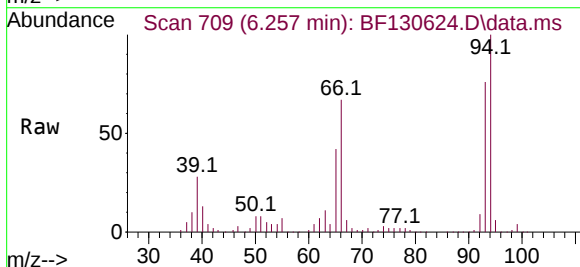
Manual Integrations
APPROVED

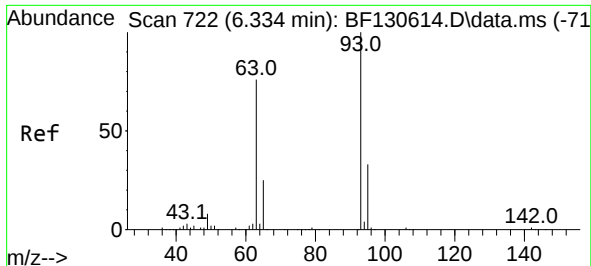
Reviewed By :Christian Giraldo 10/13/2022
Supervised By :Jagrut Upadhyay 10/13/2022



#10
Phenol
Concen: 46.204 ng
RT: 6.257 min Scan# 709
Delta R.T. 0.006 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

Tgt Ion: 94 Resp: 324886
Ion Ratio Lower Upper
94 100
65 41.7 21.2 61.2
66 67.1 46.9 86.9





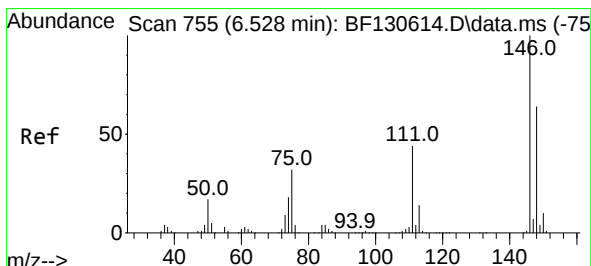
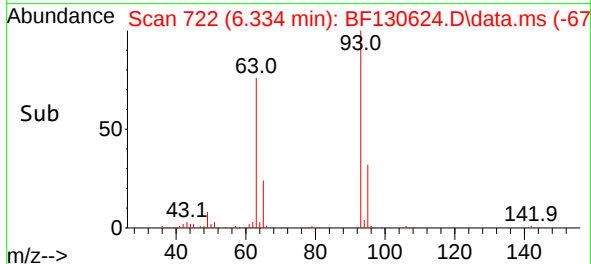
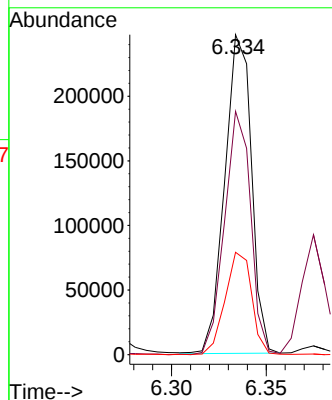
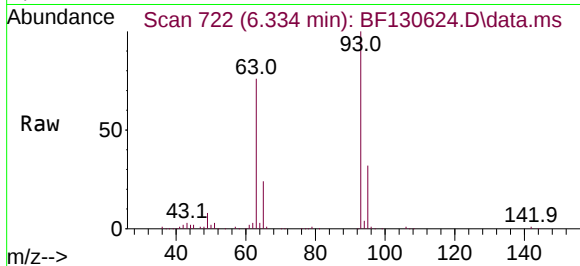
#11
bis(2-Chloroethyl)ether
Concen: 47.405 ng
RT: 6.334 min Scan# 722
Delta R.T. 0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

Instrument :
BNA_F
ClientSampleId :
PB148276BS

Tgt Ion: 93 Resp: 242132
Ion Ratio Lower Upper
93 100
63 76.0 56.1 96.1
95 32.0 12.4 52.4

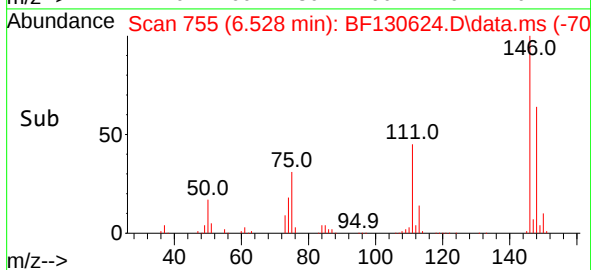
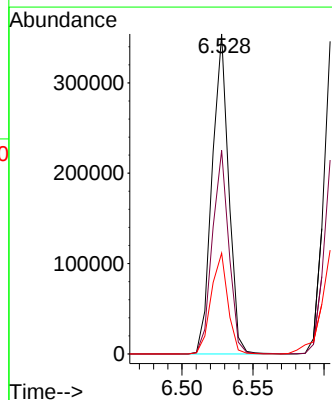
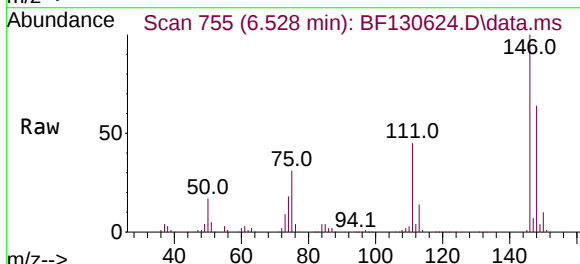
Manual Integrations
APPROVED

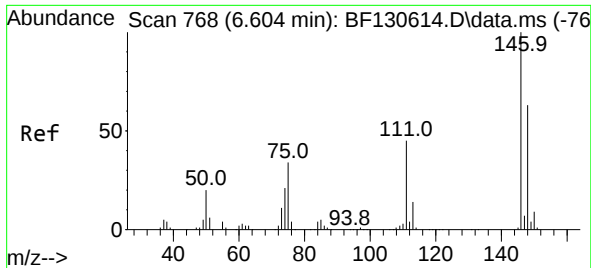
Reviewed By :Christian Giraldo 10/13/2022
Supervised By :Jagrut Upadhyay 10/13/2022



#12
1,3-Dichlorobenzene
Concen: 45.978 ng
RT: 6.528 min Scan# 755
Delta R.T. 0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

Tgt Ion:146 Resp: 286156
Ion Ratio Lower Upper
146 100
148 63.6 51.3 76.9
75 31.5 25.2 37.8





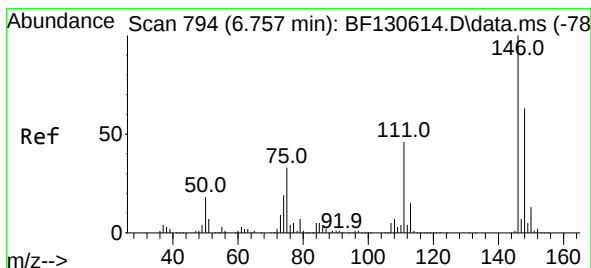
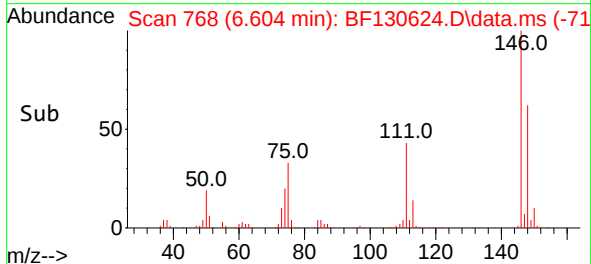
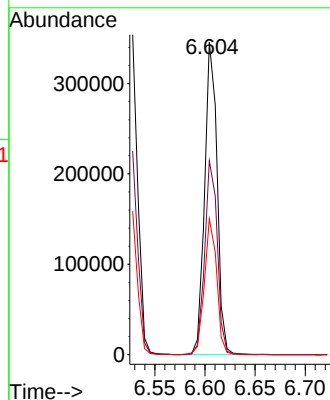
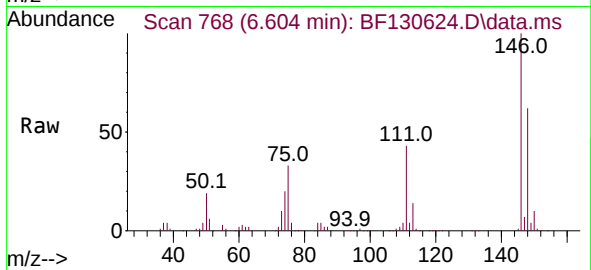
#13
1,4-Dichlorobenzene
Concen: 47.127 ng
RT: 6.604 min Scan# 768
Delta R.T. 0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

Instrument :
BNA_F
ClientSampleId :
PB148276BS

Tgt Ion:146 Resp: 297556
Ion Ratio Lower Upper
146 100
148 62.0 50.1 75.1
111 43.4 35.9 53.9

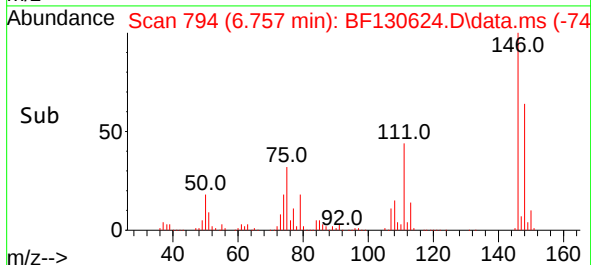
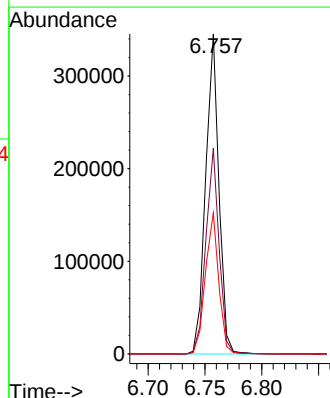
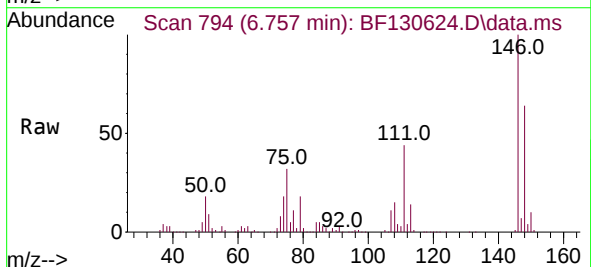
Manual Integrations
APPROVED

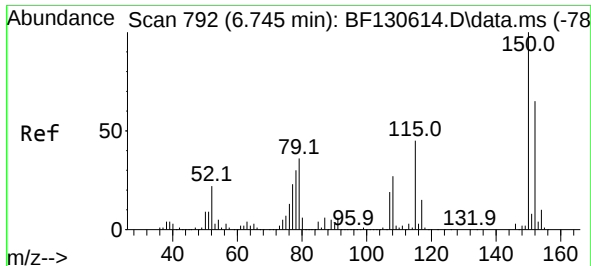
Reviewed By :Christian Giraldo 10/13/2022
Supervised By :Jagrut Upadhyay 10/13/2022



#14
1,2-Dichlorobenzene
Concen: 47.629 ng
RT: 6.757 min Scan# 794
Delta R.T. 0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

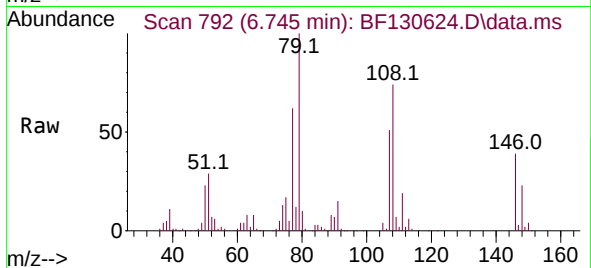
Tgt Ion:146 Resp: 280071
Ion Ratio Lower Upper
146 100
148 64.2 50.5 75.7
111 44.1 37.2 55.8





#15
Benzyl Alcohol
Concen: 46.326 ng
RT: 6.745 min Scan# 792
Delta R.T. 0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

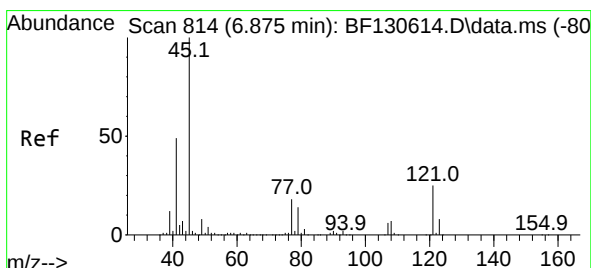
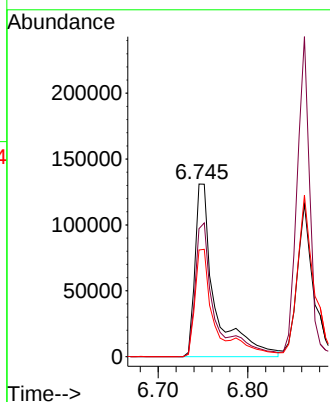
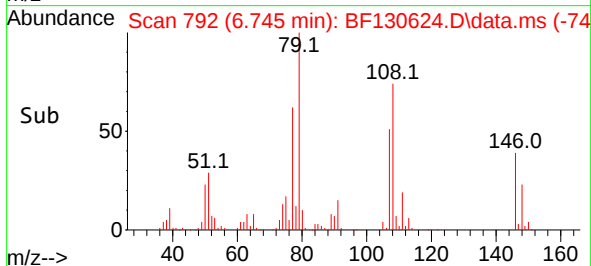
Instrument :
BNA_F
ClientSampleId :
PB148276BS



Tgt Ion: 79 Resp: 202124
Ion Ratio Lower Upper
79 100
108 74.1 59.7 89.5
77 61.8 51.8 77.6

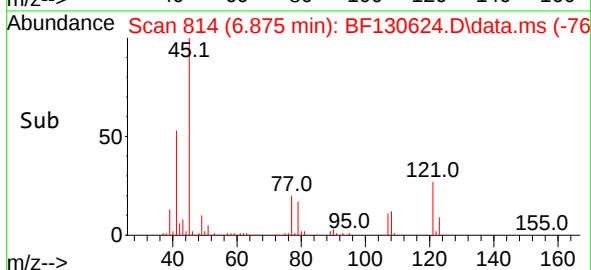
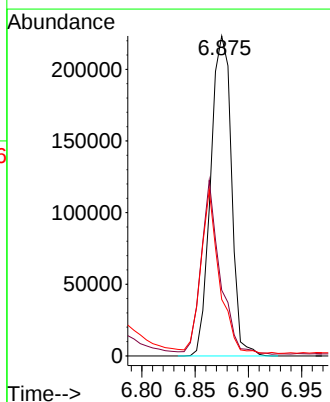
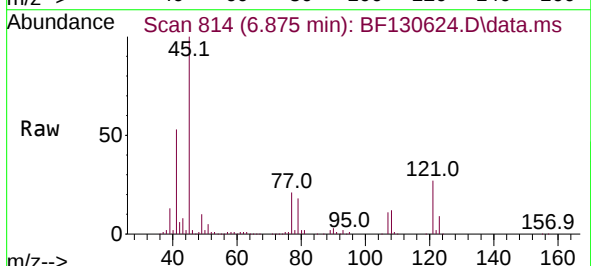
Manual Integrations
APPROVED

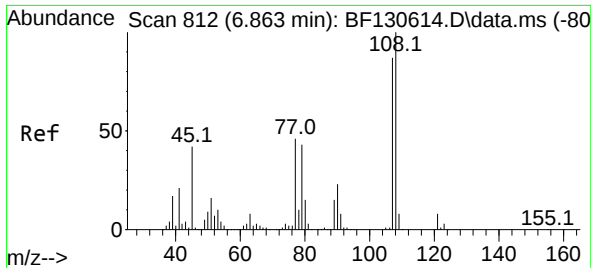
Reviewed By :Christian Giraldo 10/13/2022
Supervised By :Jagrut Upadhyay 10/13/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.042 ng
RT: 6.875 min Scan# 814
Delta R.T. 0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

Tgt Ion: 45 Resp: 302551
Ion Ratio Lower Upper
45 100
77 20.5 0.0 38.7
79 17.6 0.0 34.6





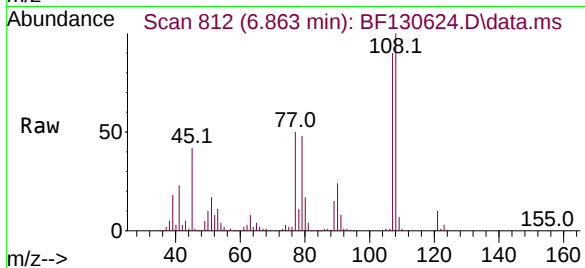
#17
2-Methylphenol
Concen: 47.465 ng
RT: 6.863 min Scan# 812
Delta R.T. 0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

Instrument :

BNA_F

ClientSampleId :

PB148276BS

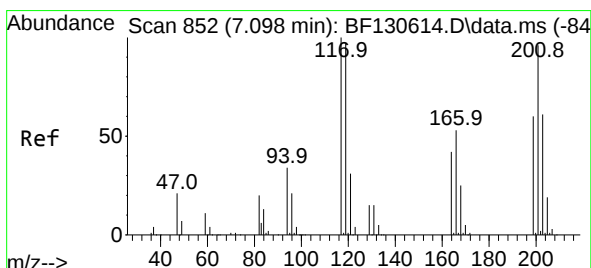
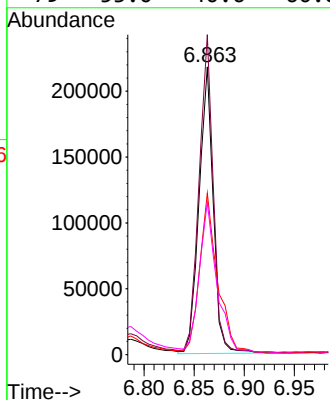
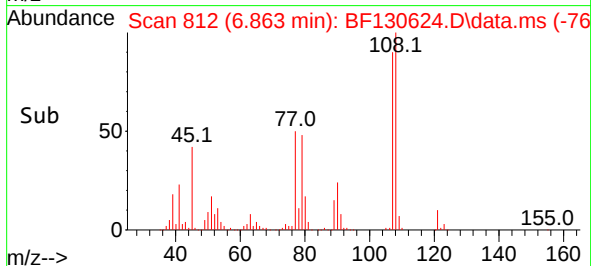


Tgt Ion:107 Resp: 214620
Ion Ratio Lower Upper
107 100
108 111.2 92.2 138.2
77 56.1 42.7 64.1
79 53.0 40.6 60.8

Manual Integrations

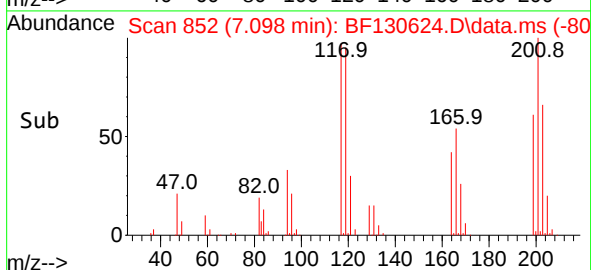
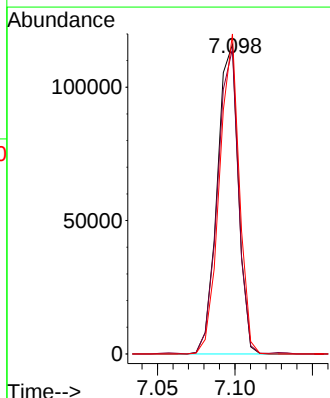
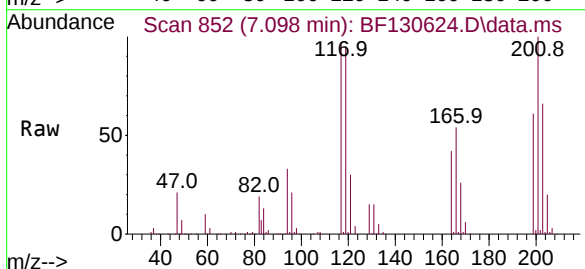
APPROVED

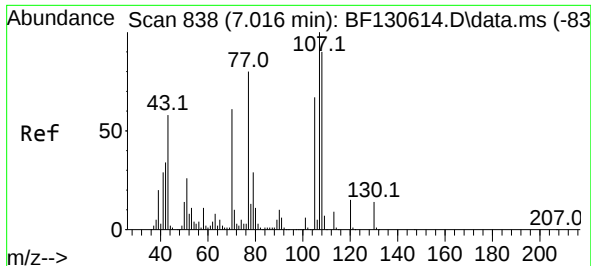
Reviewed By :Christian Giraldo 10/13/2022
Supervised By :Jagrut Upadhyay 10/13/2022



#18
Hexachloroethane
Concen: 46.056 ng
RT: 7.098 min Scan# 852
Delta R.T. 0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

Tgt Ion:117 Resp: 110011
Ion Ratio Lower Upper
117 100
119 98.6 77.6 116.4
201 103.5 77.0 115.6





#19

n-Nitroso-di-n-propylamine

Concen: 46.347 ng

RT: 7.016 min Scan# 838

Delta R.T. 0.000 min

Lab File: BF130624.D

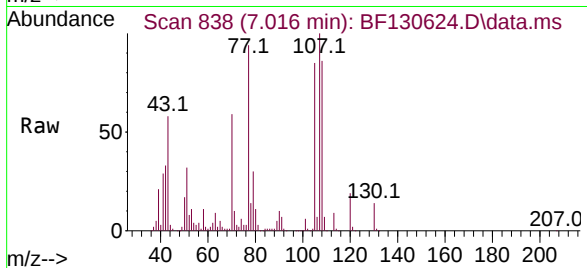
Acq: 12 Oct 2022 11:55

Instrument :

BNA_F

ClientSampleId :

PB148276BS



Tgt Ion: 70 Resp: 181719

Ion Ratio Lower Upper

70 100

42 55.6 44.3 66.5

101 10.3 7.9 11.9

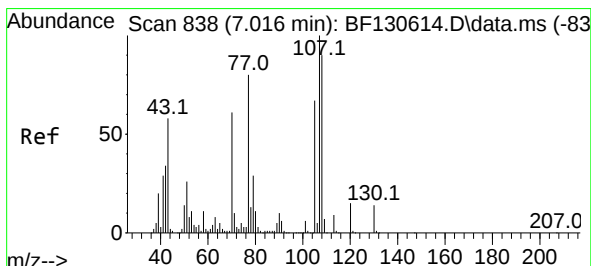
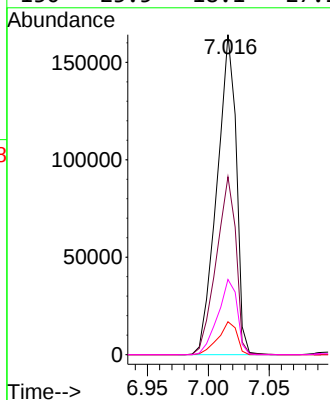
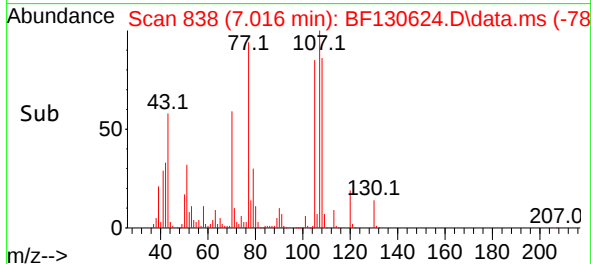
130 23.5 18.1 27.1

Manual Integrations

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Reviewed By :Christian Giraldo 10/13/2022

Supervised By :Jagrut Upadhyay 10/13/2022



#20

3+4-Methylphenols

Concen: 44.976 ng

RT: 7.016 min Scan# 838

Delta R.T. 0.000 min

Lab File: BF130624.D

Acq: 12 Oct 2022 11:55

Tgt Ion:107 Resp: 272505

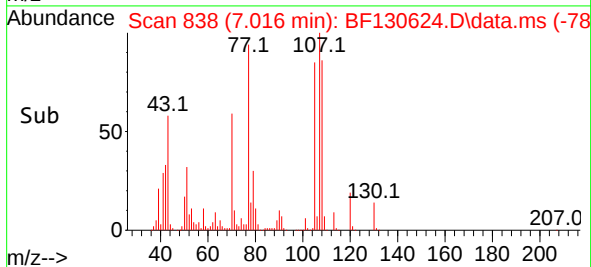
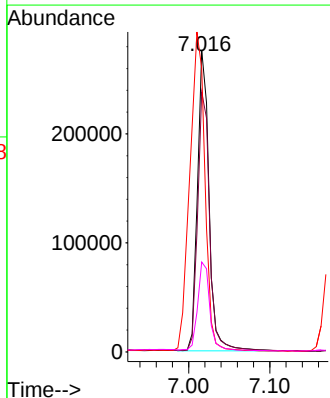
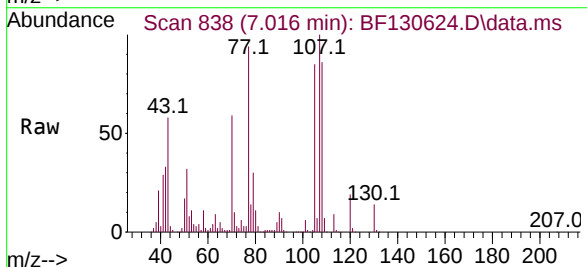
Ion Ratio Lower Upper

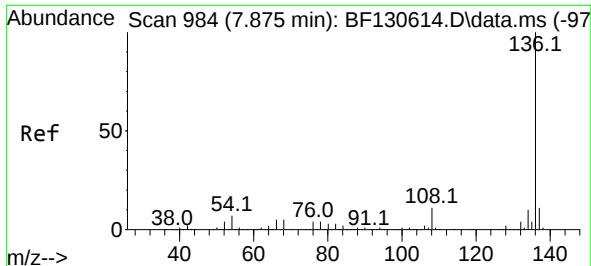
107 100

108 86.2 69.7 109.7

77 94.1 59.7 99.7

79 29.8 9.5 49.5





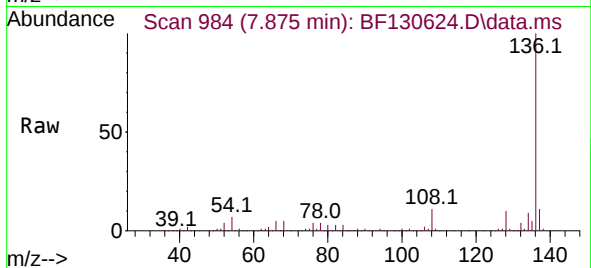
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.875 min Scan# 984
Delta R.T. -0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

Instrument :

BNA_F

ClientSampleId :

PB148276BS

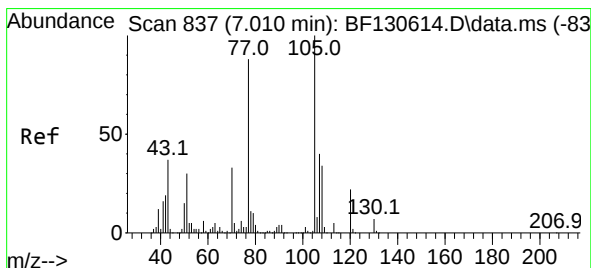
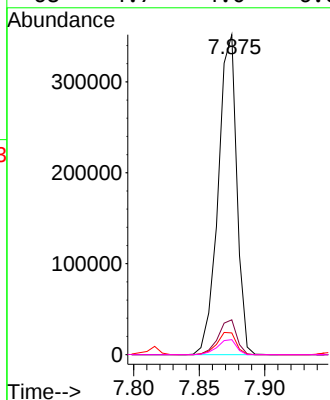
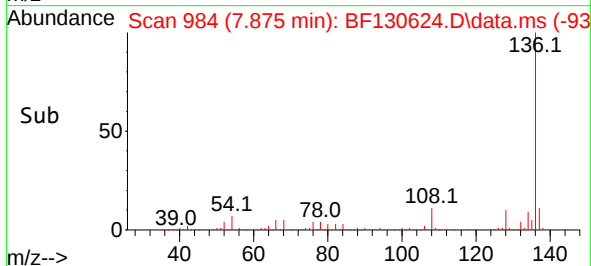


Tgt Ion:136 Resp: 347911
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 6.8 5.5 8.3
68 4.7 4.0 6.0

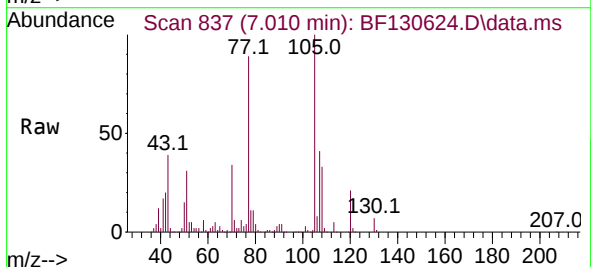
Manual Integrations

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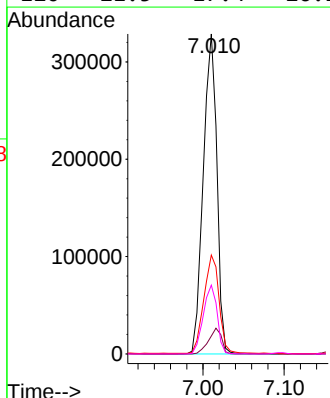
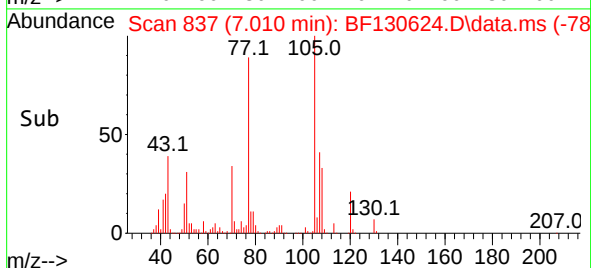
Reviewed By :Christian Giraldo 10/13/2022
Supervised By :Jagrut Upadhyay 10/13/2022

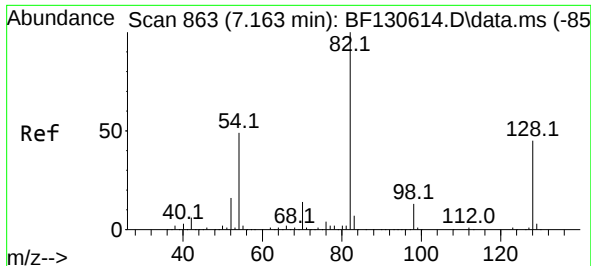


#22
Acetophenone
Concen: 45.939 ng
RT: 7.010 min Scan# 837
Delta R.T. 0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55



Tgt Ion:105 Resp: 383405
Ion Ratio Lower Upper
105 100
71 5.6 4.2 6.4
51 30.9 24.3 36.5
120 21.5 17.4 26.2





#23
Nitrobenzene-d5
Concen: 84.302 ng
RT: 7.163 min Scan# 863
Delta R.T. 0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

Instrument :

BNA_F

ClientSampleId :

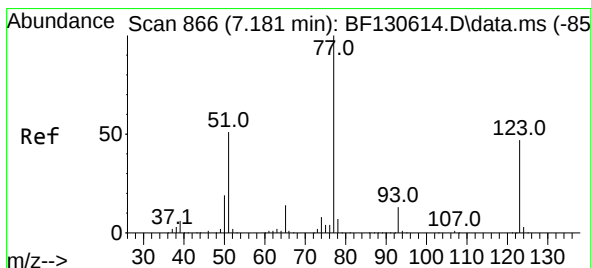
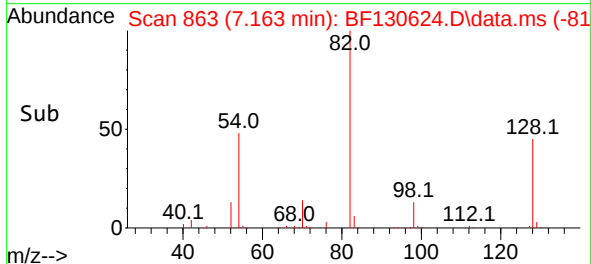
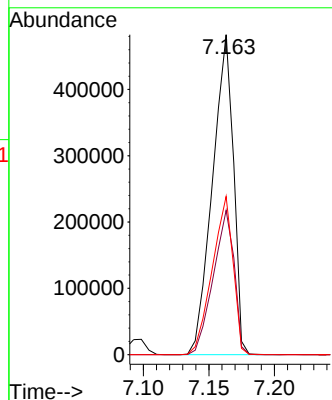
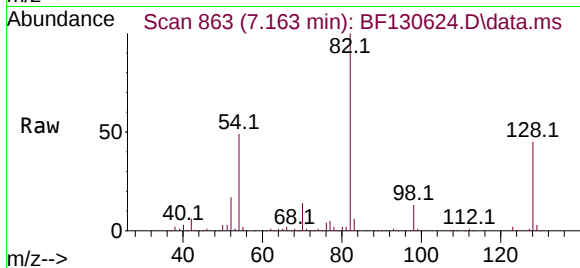
PB148276BS

Tgt Ion: 82 Resp: 537262
Ion Ratio Lower Upper
82 100
128 45.1 35.8 53.6
54 49.4 39.3 58.9

Manual Integrations

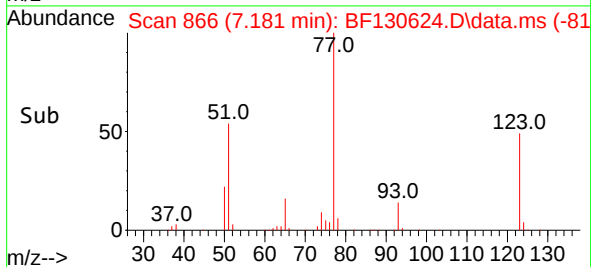
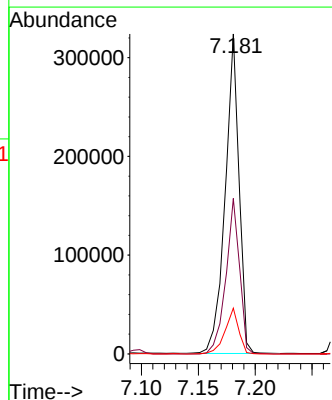
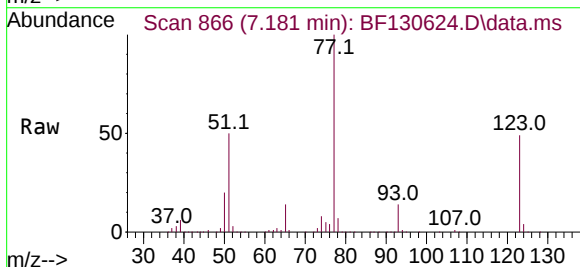
APPROVED

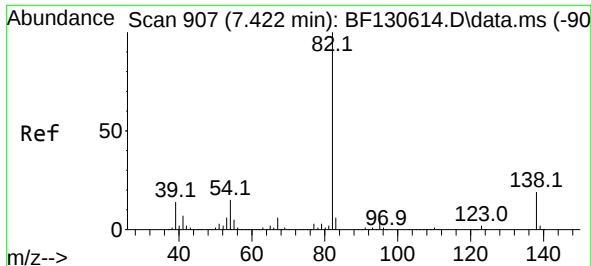
Reviewed By :Christian Giraldo 10/13/2022
Supervised By :Jagrut Upadhyay 10/13/2022



#24
Nitrobenzene
Concen: 42.699 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

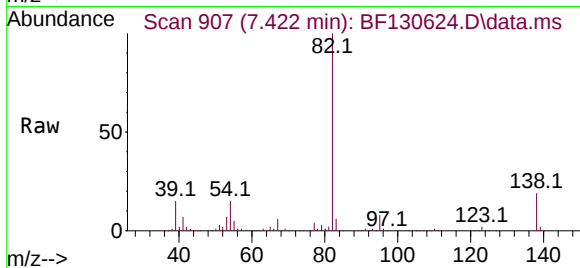
Tgt Ion: 77 Resp: 273664
Ion Ratio Lower Upper
77 100
123 48.6 37.5 56.3
65 14.3 11.0 16.4





#25
Isophorone
Concen: 47.528 ng
RT: 7.422 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

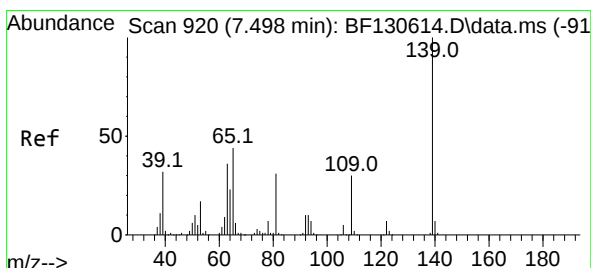
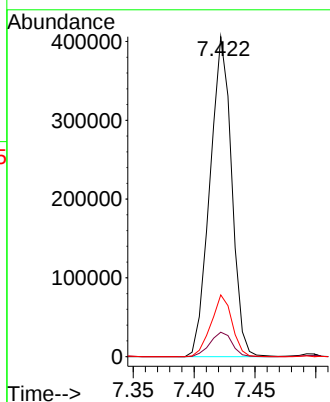
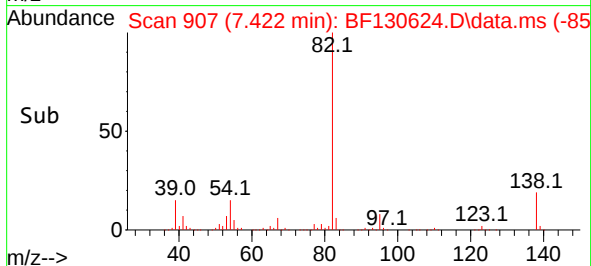
Instrument :
BNA_F
Client Sample Id :
PB148276BS



Tgt Ion: 82 Resp: 504130
Ion Ratio Lower Upper
82 100
95 7.7 6.1 9.1
138 19.3 14.9 22.3

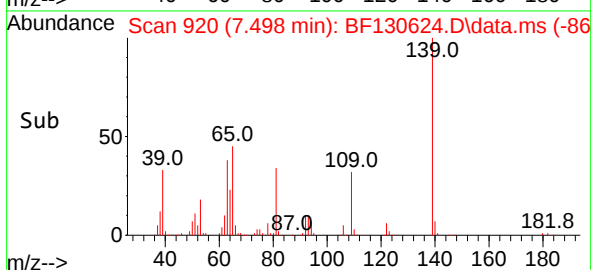
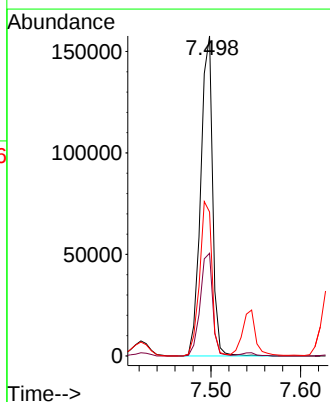
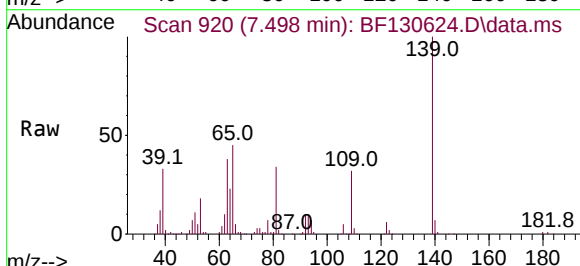
Manual Integrations
APPROVED

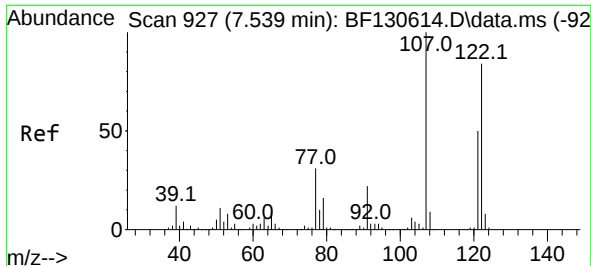
Reviewed By :Christian Giraldo 10/13/2022
Supervised By :Jagrut Upadhyay 10/13/2022



#26
2-Nitrophenol
Concen: 46.197 ng
RT: 7.498 min Scan# 920
Delta R.T. 0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

Tgt Ion:139 Resp: 145199
Ion Ratio Lower Upper
139 100
109 32.1 23.9 35.9
65 45.0 34.9 52.3





#27

2,4-Dimethylphenol

Concen: 51.619 ng

RT: 7.545 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF130624.D

Acq: 12 Oct 2022 11:55

Instrument :

BNA_F

ClientSampleId :

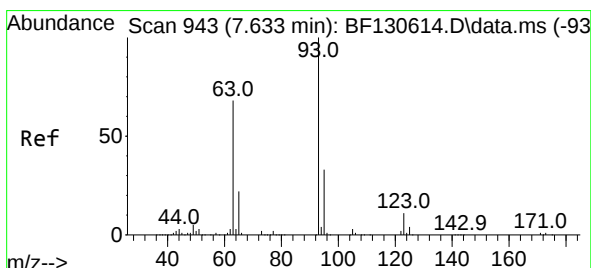
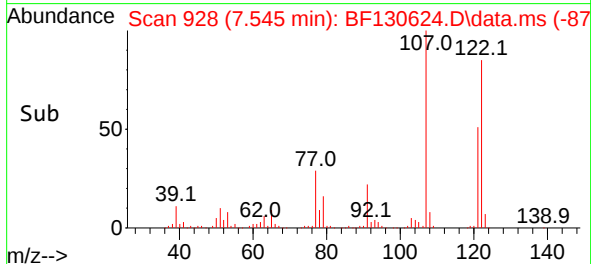
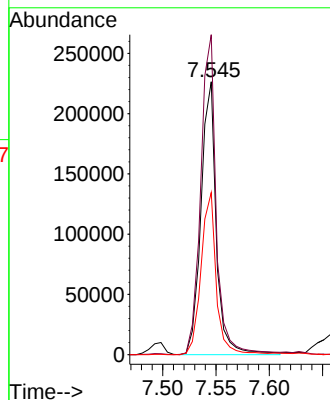
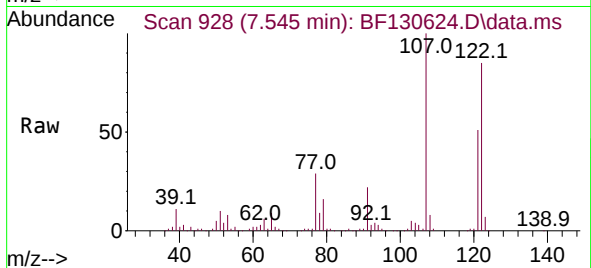
PB148276BS

Tgt Ion:122 Resp: 226126
 Ion Ratio Lower Upper
 122 100
 107 117.3 94.9 142.3
 121 59.4 47.1 70.7

Manual Integrations

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Reviewed By :Christian Giraldo 10/13/2022
 Supervised By :Jagrut Upadhyay 10/13/2022



#28

bis(2-Chloroethoxy)methane

Concen: 49.743 ng

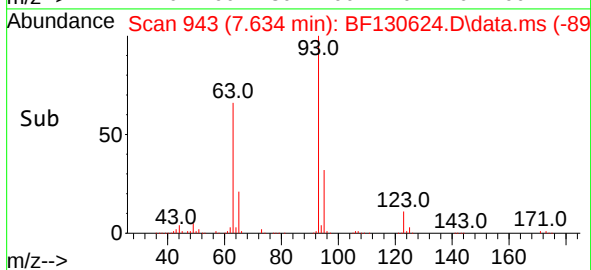
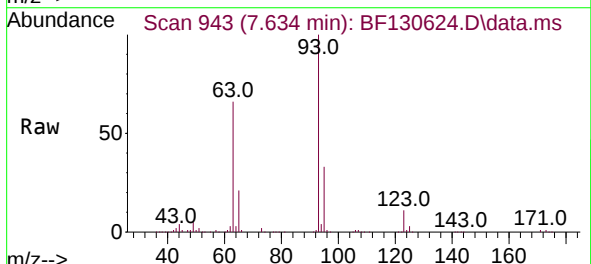
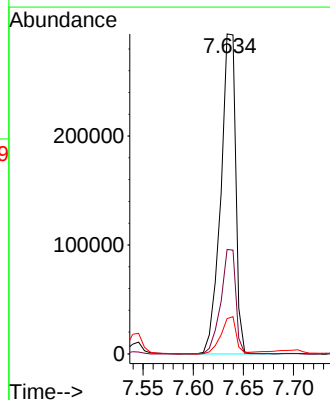
RT: 7.634 min Scan# 943

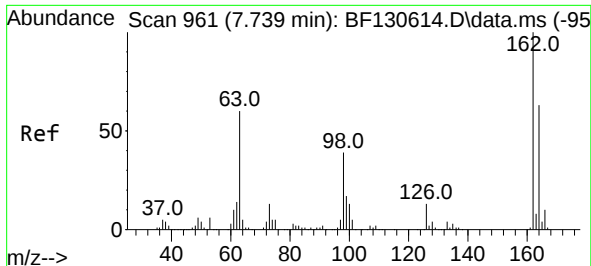
Delta R.T. 0.001 min

Lab File: BF130624.D

Acq: 12 Oct 2022 11:55

Tgt Ion: 93 Resp: 305509
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.4 39.6
 123 11.0 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 45.918 ng

RT: 7.740 min Scan# 961

Delta R.T. 0.001 min

Lab File: BF130624.D

Acq: 12 Oct 2022 11:55

Instrument :

BNA_F

ClientSampleId :

PB148276BS

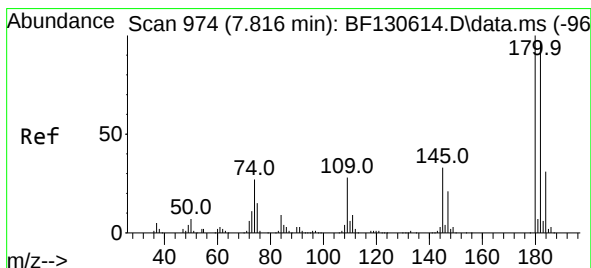
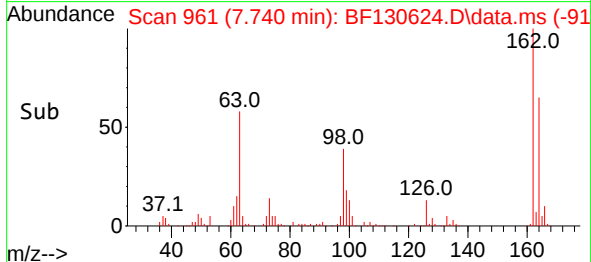
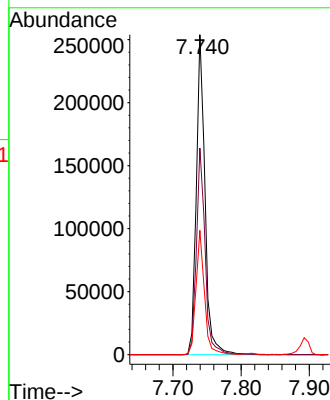
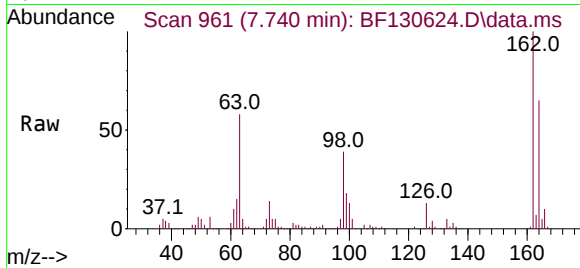
Tgt Ion:	162	Resp:	225054
Ion Ratio	Lower	Upper	
162	100		
164	64.5	42.8	82.8
98	38.8	18.6	58.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/13/2022

Supervised By :Jagrut Upadhyay 10/13/2022



#30

1,2,4-Trichlorobenzene

Concen: 44.632 ng

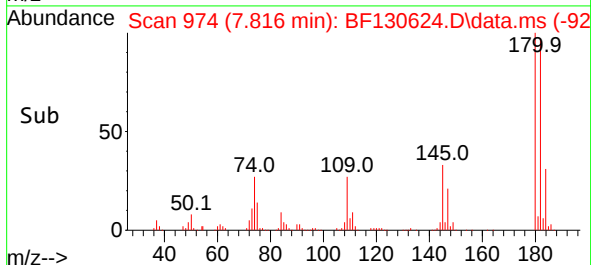
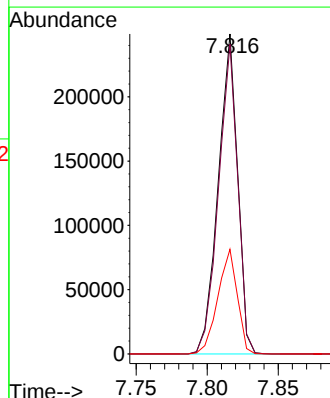
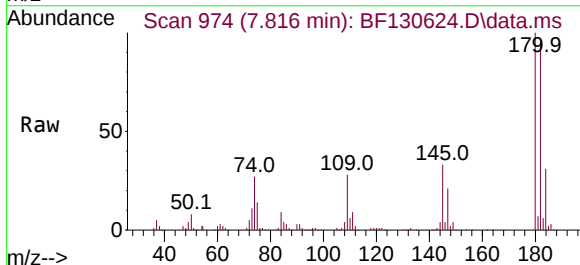
RT: 7.816 min Scan# 974

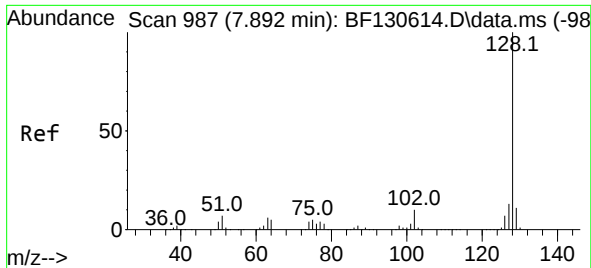
Delta R.T. 0.000 min

Lab File: BF130624.D

Acq: 12 Oct 2022 11:55

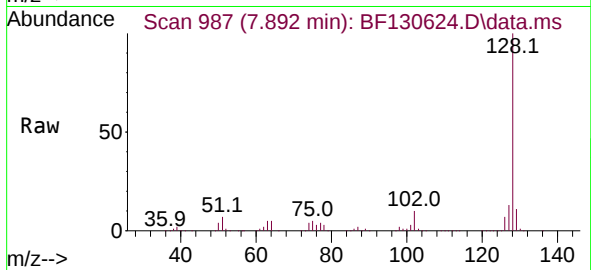
Tgt Ion:	180	Resp:	235830
Ion Ratio	Lower	Upper	
180	100		
182	96.8	78.0	117.0
145	32.7	26.7	40.1





#31
Naphthalene
Concen: 43.552 ng
RT: 7.892 min Scan# 987
Delta R.T. 0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

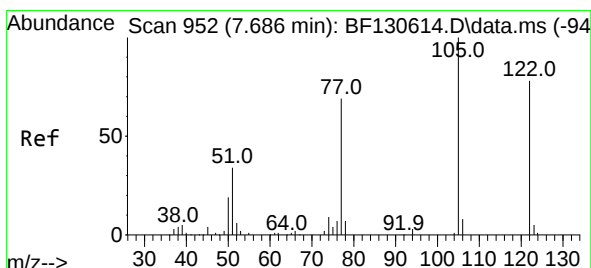
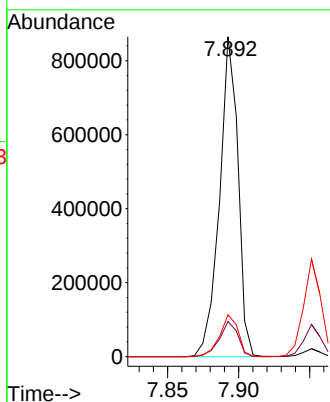
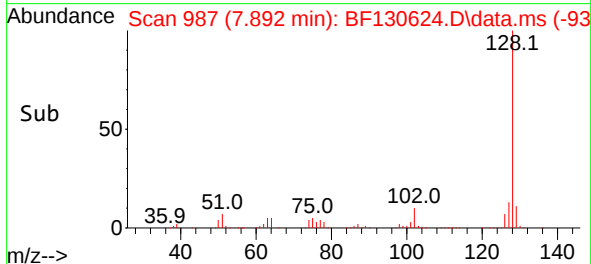
Instrument :
BNA_F
Client Sample Id :
PB148276BS



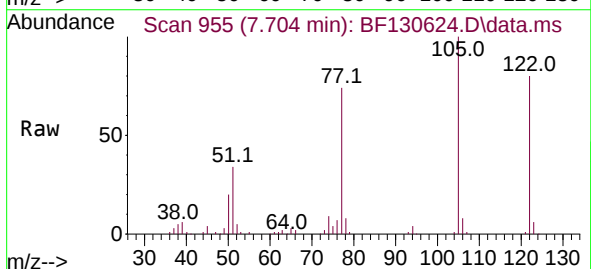
Tgt Ion:128 Resp: 78435
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 13.1 10.3 15.5

Manual Integrations
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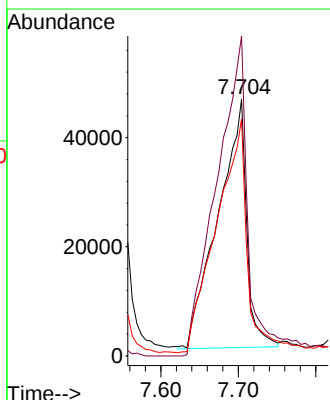
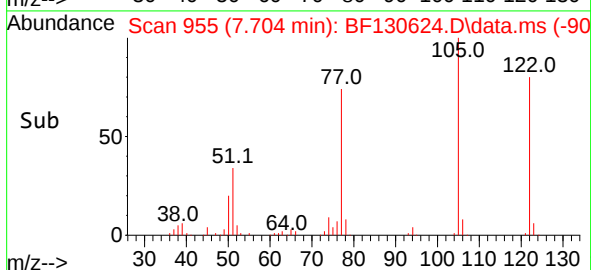
Reviewed By :Christian Giraldo 10/13/2022
Supervised By :Jagrut Upadhyay 10/13/2022

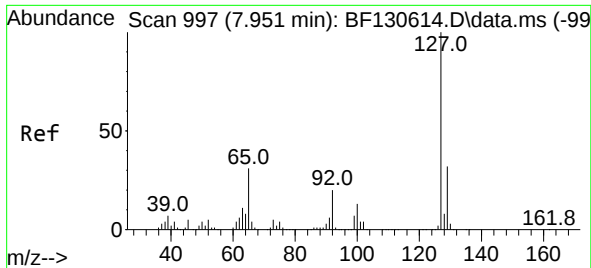


#32
Benzoic acid
Concen: 42.129 ng
RT: 7.704 min Scan# 955
Delta R.T. 0.018 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55



Tgt Ion:122 Resp: 116755
Ion Ratio Lower Upper
122 100
105 124.7 104.8 144.8
77 92.2 68.2 108.2





#33
4-Chloroaniline
Concen: 35.828 ng
RT: 7.951 min Scan# 997
Delta R.T. 0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

Instrument :

BNA_F

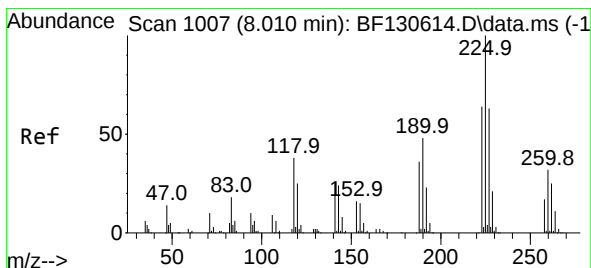
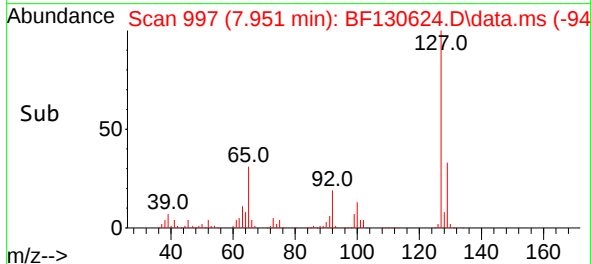
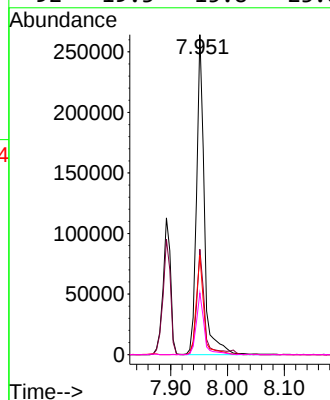
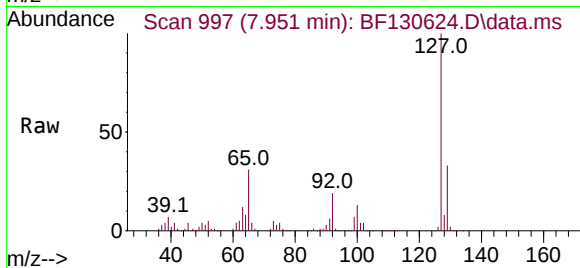
Client Sample Id :

PB148276BS

Tgt Ion:127 Resp: 249947
Ion Ratio Lower Upper
127 100
129 32.9 25.7 38.5
65 31.1 24.7 37.1
92 19.3 15.8 23.8

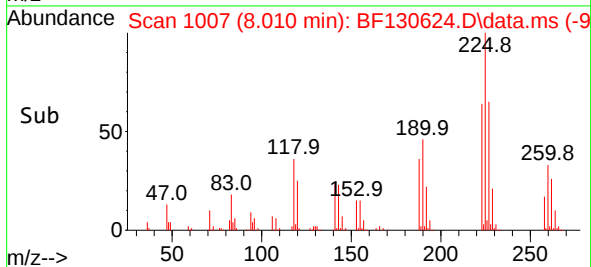
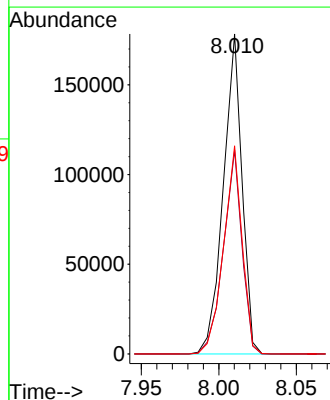
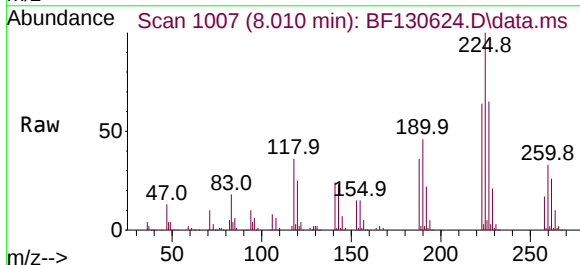
Manual Integrations
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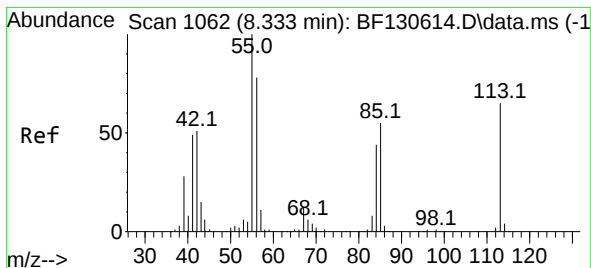
Reviewed By :Christian Giraldo 10/13/2022
Supervised By :Jagrut Upadhyay 10/13/2022



#34
Hexachlorobutadiene
Concen: 45.741 ng
RT: 8.010 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

Tgt Ion:225 Resp: 150008
Ion Ratio Lower Upper
225 100
223 63.7 51.5 77.3
227 65.0 50.4 75.6





#35

Caprolactam

Concen: 50.041 ng m

RT: 8.334 min Scan# 1062

Delta R.T. 0.000 min

Lab File: BF130624.D

Acq: 12 Oct 2022 11:55

Instrument :

BNA_F

ClientSampleId :

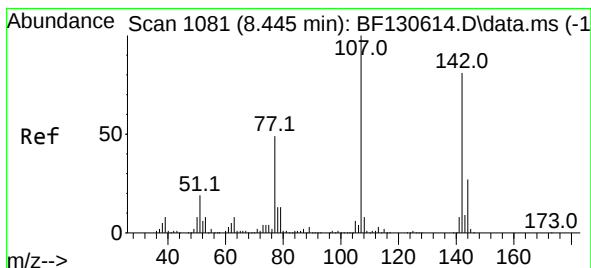
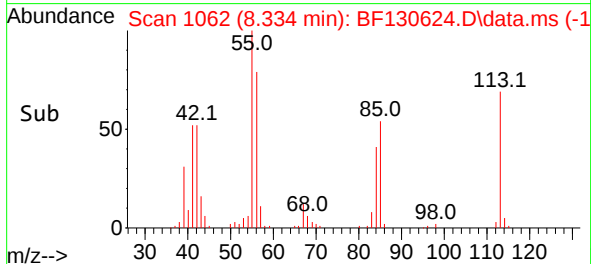
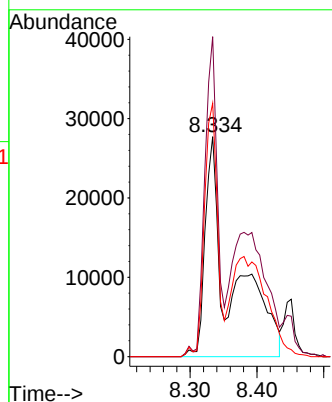
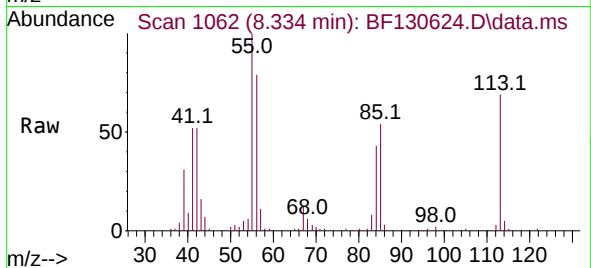
PB148276BS

Tgt Ion:	113	Resp:	73792
Ion Ratio	Lower	Upper	
113	100		
55	145.5	134.3	174.3
56	115.3	101.0	141.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/13/2022
Supervised By :Jagrut Upadhyay 10/13/2022



#36

4-Chloro-3-methylphenol

Concen: 46.791 ng

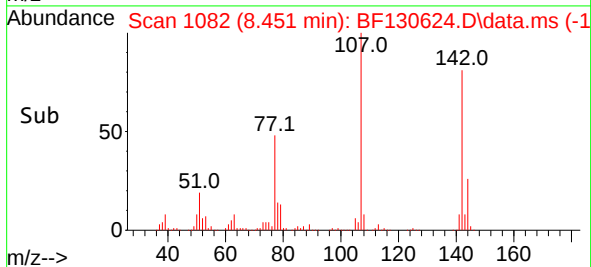
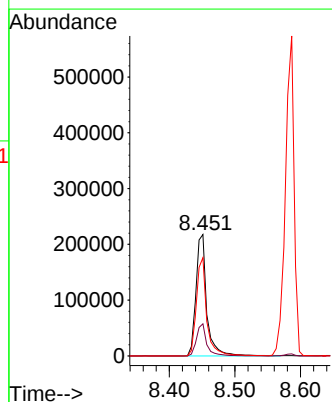
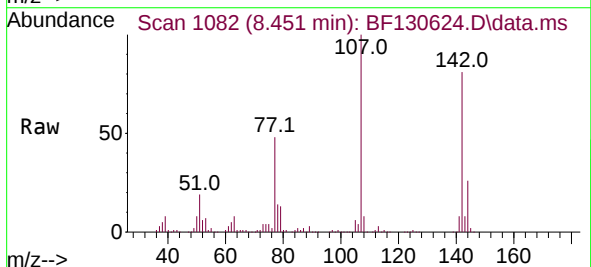
RT: 8.451 min Scan# 1082

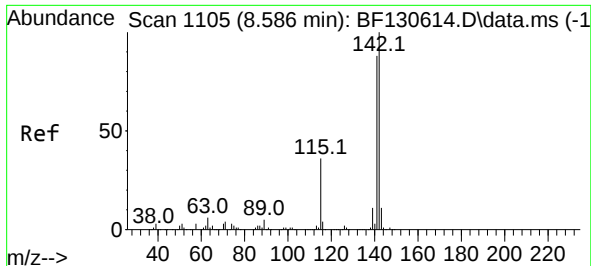
Delta R.T. 0.006 min

Lab File: BF130624.D

Acq: 12 Oct 2022 11:55

Tgt Ion:	107	Resp:	248761
Ion Ratio	Lower	Upper	
107	100		
144	26.5	21.9	32.9
142	80.9	64.6	96.8





#37

2-Methylnaphthalene

Concen: 46.124 ng

RT: 8.587 min Scan# 1105

Delta R.T. 0.000 min

Lab File: BF130624.D

Acq: 12 Oct 2022 11:55

Instrument :

BNA_F

ClientSampleId :

PB148276BS

Tgt Ion:142 Resp: 522738

Ion Ratio Lower Upper

142 100

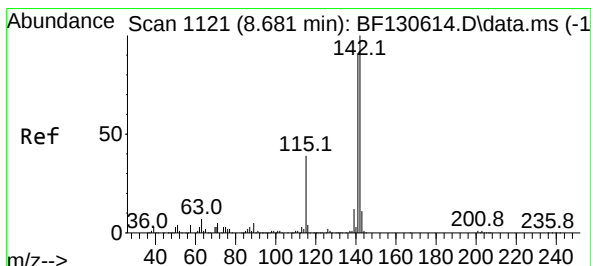
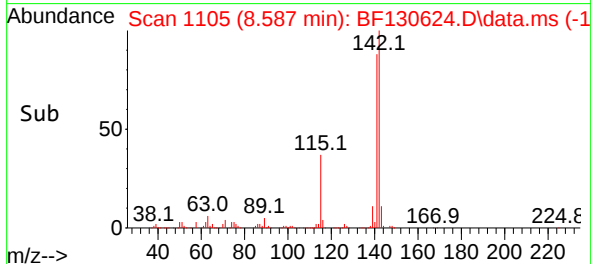
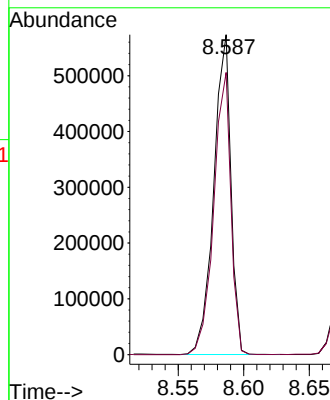
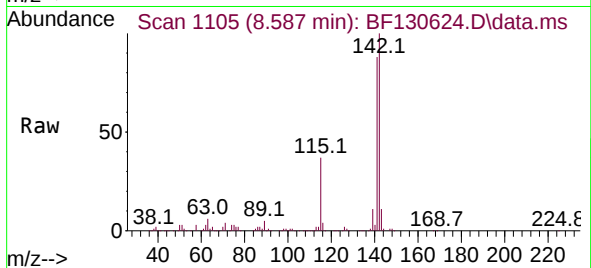
141 88.2 70.7 106.1

Manual Integrations

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Reviewed By :Christian Giraldo 10/13/2022

Supervised By :Jagrut Upadhyay 10/13/2022



#38

1-Methylnaphthalene

Concen: 45.111 ng

RT: 8.681 min Scan# 1121

Delta R.T. 0.000 min

Lab File: BF130624.D

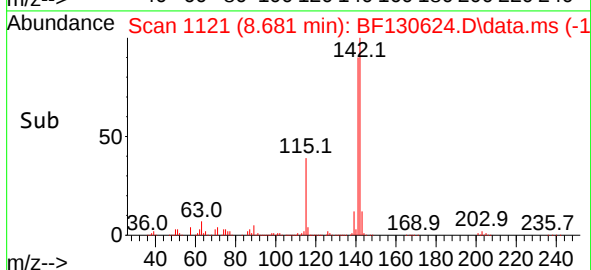
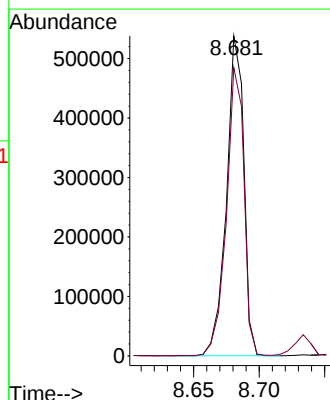
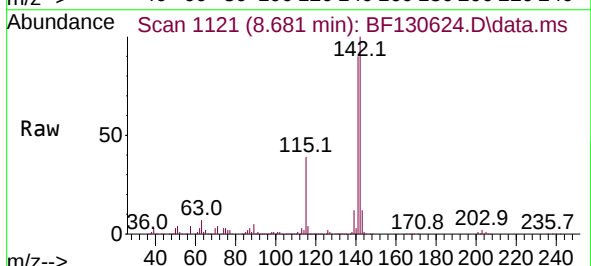
Acq: 12 Oct 2022 11:55

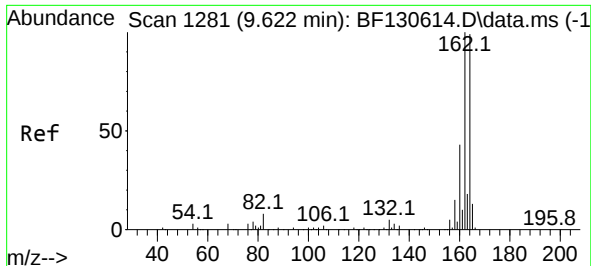
Tgt Ion:142 Resp: 496322

Ion Ratio Lower Upper

142 100

141 90.1 72.6 108.8





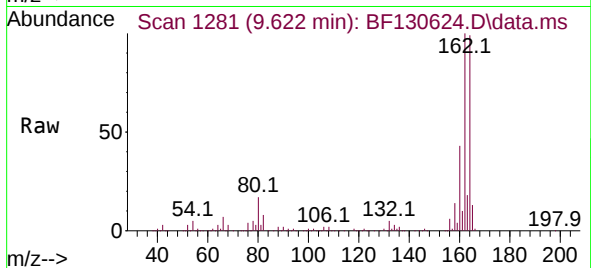
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

Instrument :

BNA_F

ClientSampleId :

PB148276BS

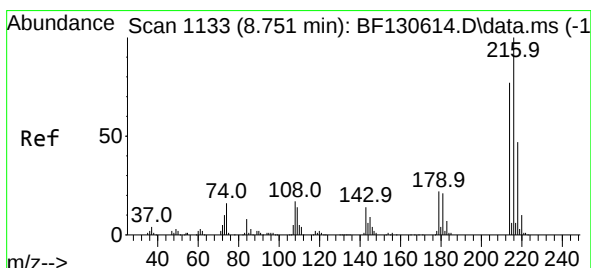
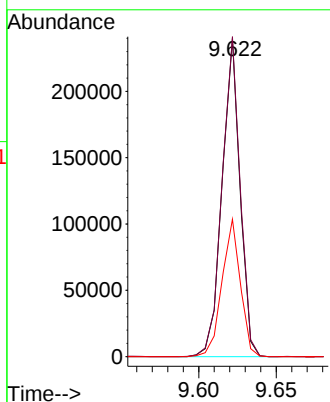
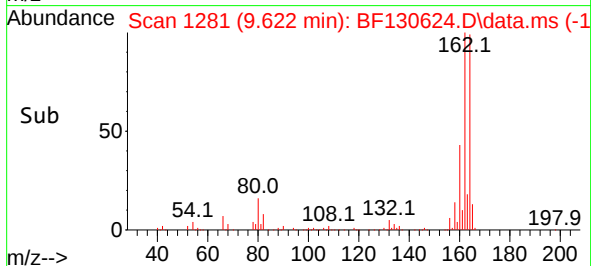


Tgt Ion:164 Resp: 192579
Ion Ratio Lower Upper
164 100
162 100.6 81.0 121.4
160 43.2 34.5 51.7

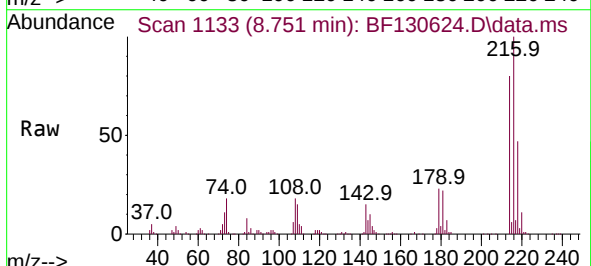
Manual Integrations

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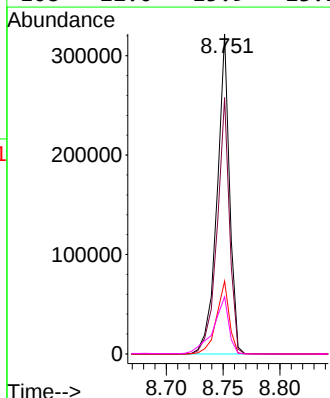
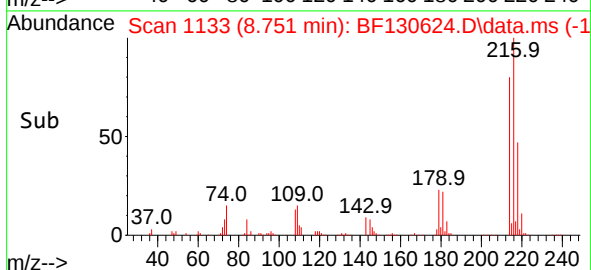
Reviewed By :Christian Giraldo 10/13/2022
Supervised By :Jagrut Upadhyay 10/13/2022

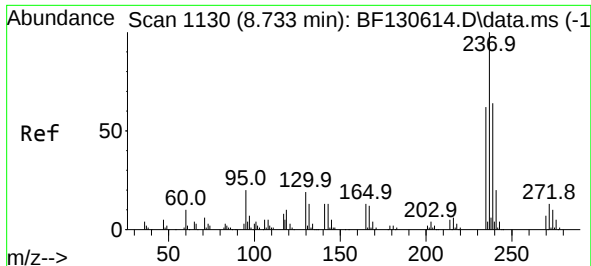


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.099 ng
RT: 8.751 min Scan# 1133
Delta R.T. 0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55



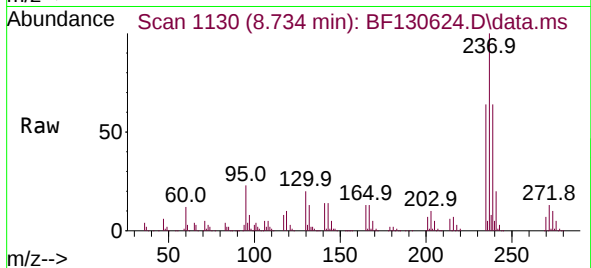
Tgt Ion:216 Resp: 246086
Ion Ratio Lower Upper
216 100
214 79.0 62.1 93.1
179 22.9 18.6 27.8
108 22.0 15.9 23.9





#41
Hexachlorocyclopentadiene
Concen: 110.305 ng
RT: 8.734 min Scan# 1130
Delta R.T. 0.001 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

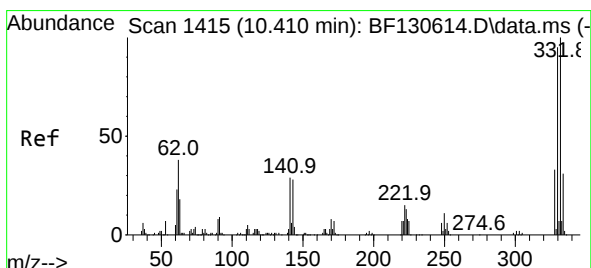
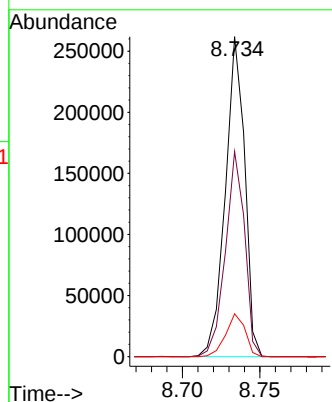
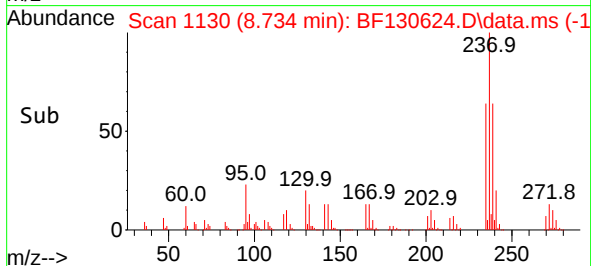
Instrument :
BNA_F
ClientSampleId :
PB148276BS



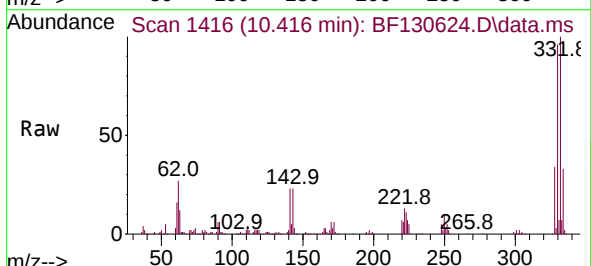
Tgt Ion:237 Resp: 228882
Ion Ratio Lower Upper
237 100
235 64.1 42.2 82.2
272 13.4 0.0 32.6

Manual Integrations
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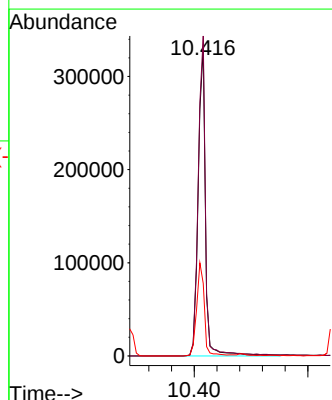
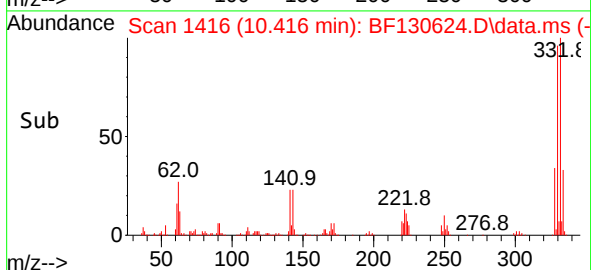
Reviewed By :Christian Giraldo 10/13/2022
Supervised By :Jagrut Upadhyay 10/13/2022

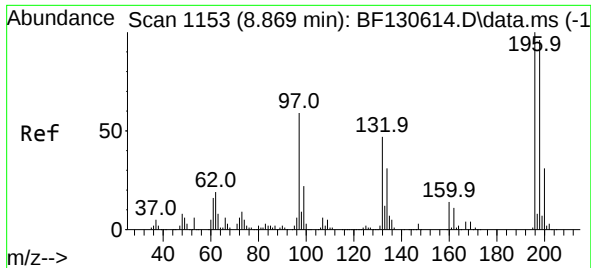


#42
2,4,6-Tribromophenol
Concen: 155.579 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55



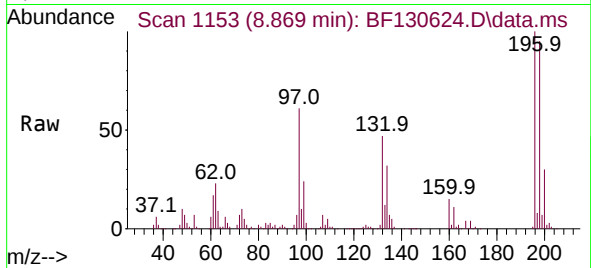
Tgt Ion:330 Resp: 293170
Ion Ratio Lower Upper
330 100
332 102.7 84.2 126.4
141 31.4 26.8 40.2





#43
2,4,6-Trichlorophenol
Concen: 43.760 ng
RT: 8.869 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

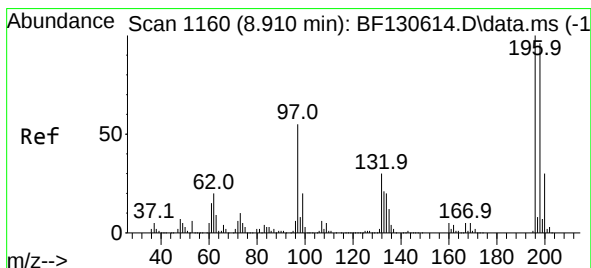
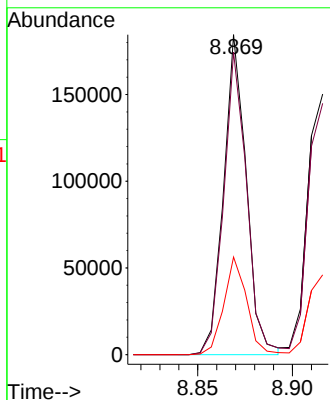
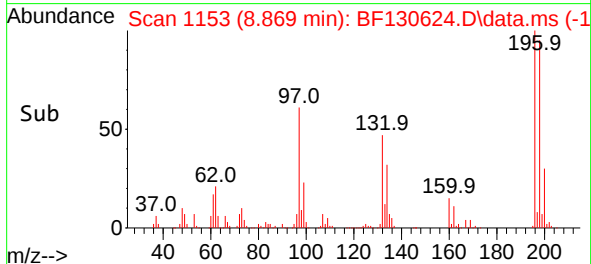
Instrument :
BNA_F
ClientSampleId :
PB148276BS



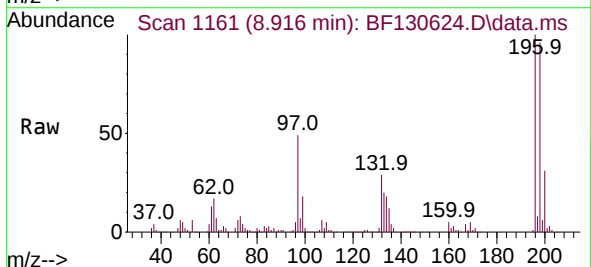
Tgt Ion:196 Resp: 15352
Ion Ratio Lower Upper
196 100
198 94.5 76.6 115.0
200 30.5 25.0 37.6

Manual Integrations
APPROVED

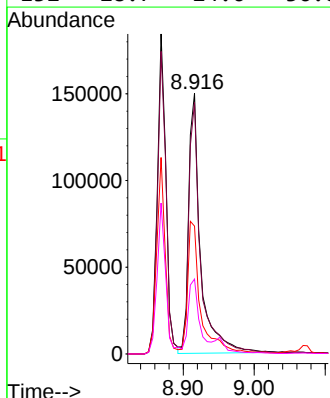
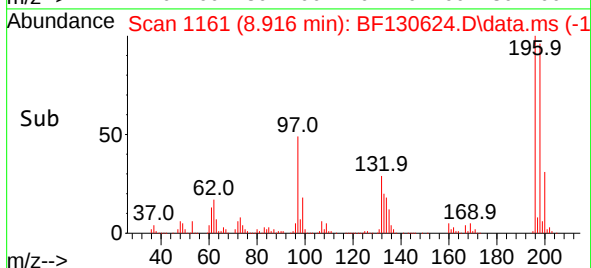
Reviewed By :Christian Giraldo 10/13/2022
Supervised By :Jagrut Upadhyay 10/13/2022

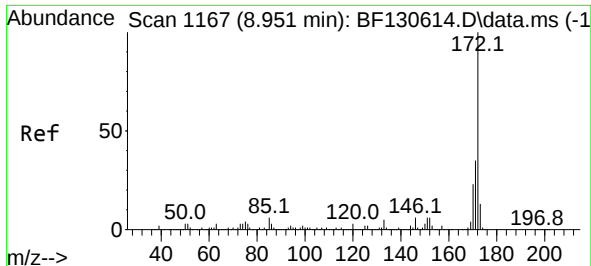


#44
2,4,5-Trichlorophenol
Concen: 45.776 ng
RT: 8.916 min Scan# 1161
Delta R.T. 0.006 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55



Tgt Ion:196 Resp: 176605
Ion Ratio Lower Upper
196 100
198 96.4 76.6 114.8
97 49.0 44.3 66.5
132 28.7 24.6 36.8





#45
2-Fluorobiphenyl
Concen: 87.354 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

Instrument :

BNA_F

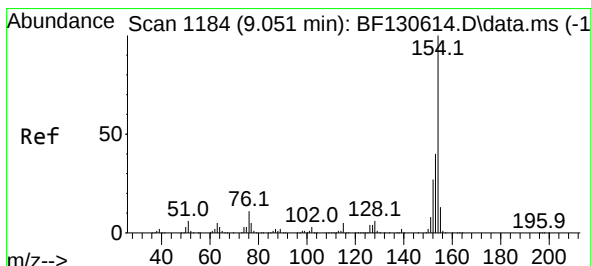
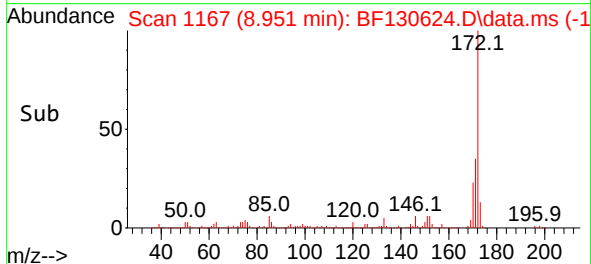
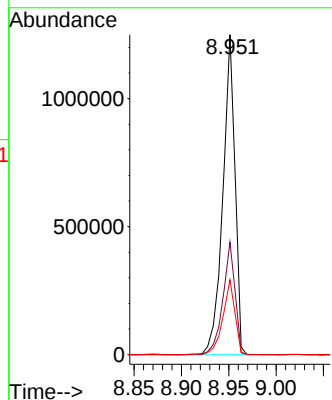
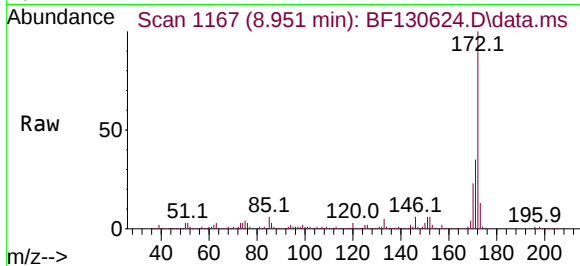
ClientSampleId :

PB148276BS

Tgt Ion:172 Resp: 1110588
Ion Ratio Lower Upper
172 100
171 35.2 27.8 41.8
170 23.4 18.6 27.8

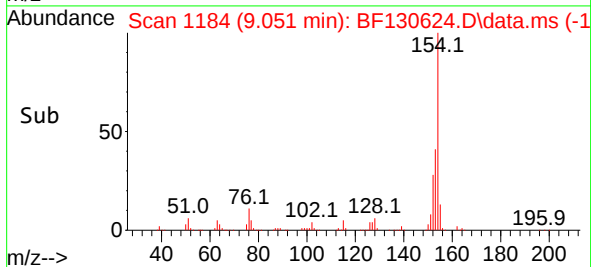
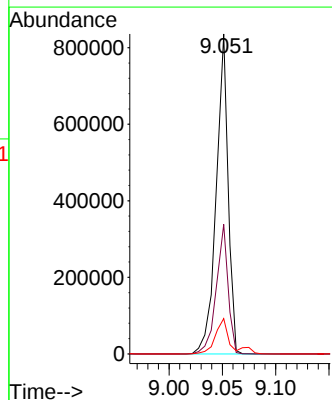
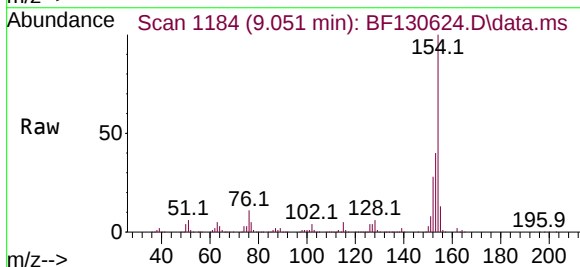
Manual Integrations
APPROVED

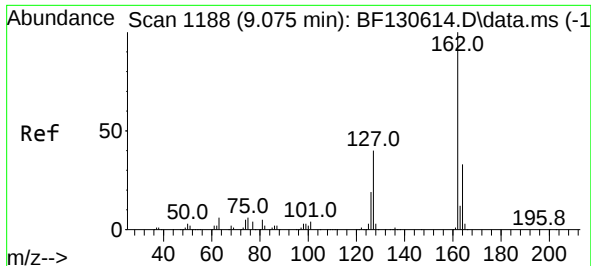
Reviewed By :Christian Giraldo 10/13/2022
Supervised By :Jagrut Upadhyay 10/13/2022



#46
1,1'-Biphenyl
Concen: 46.679 ng
RT: 9.051 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

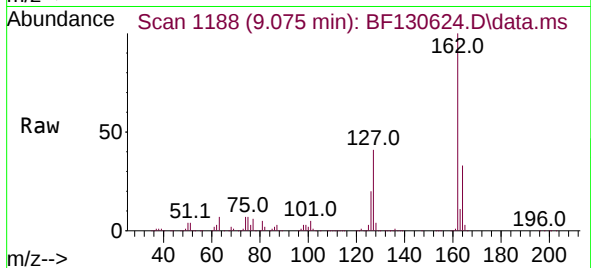
Tgt Ion:154 Resp: 651476
Ion Ratio Lower Upper
154 100
153 40.5 20.0 60.0
76 11.0 0.0 30.8





#47
2-Chloronaphthalene
Concen: 44.692 ng
RT: 9.075 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

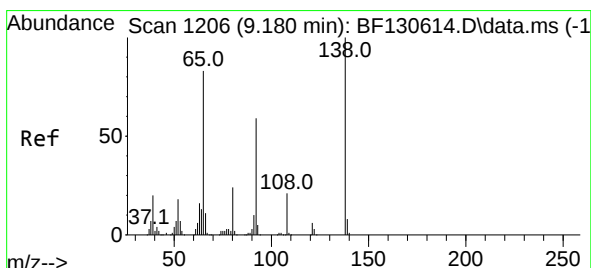
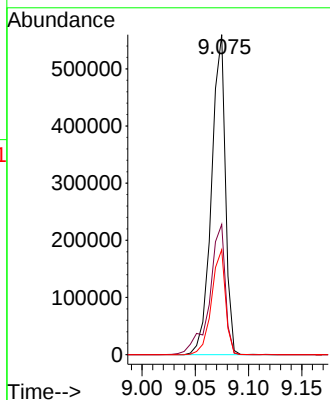
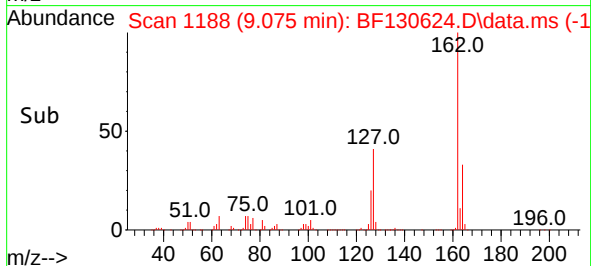
Instrument :
BNA_F
ClientSampleId :
PB148276BS



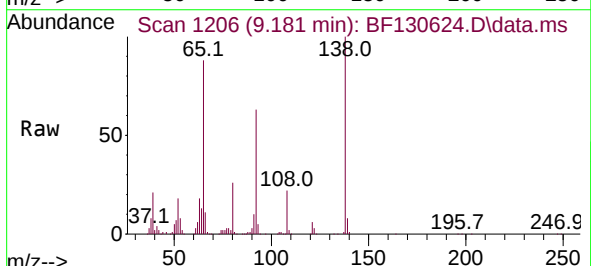
Tgt Ion:162 Resp: 509778
Ion Ratio Lower Upper
162 100
127 40.7 32.6 49.0
164 32.8 26.3 39.5

Manual Integrations
APPROVED

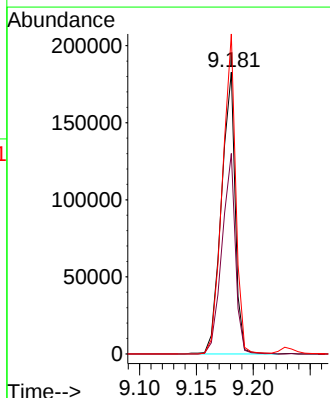
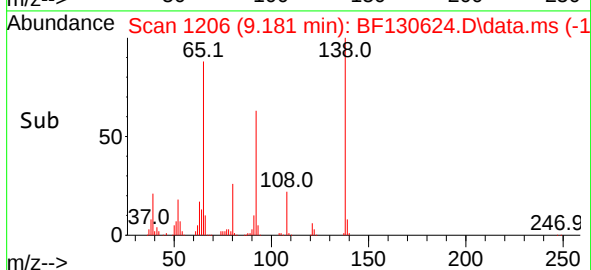
Reviewed By :Christian Giraldo 10/13/2022
Supervised By :Jagrut Upadhyay 10/13/2022

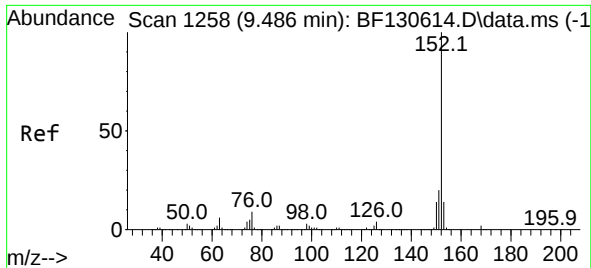


#48
2-Nitroaniline
Concen: 44.749 ng
RT: 9.181 min Scan# 1206
Delta R.T. 0.001 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55



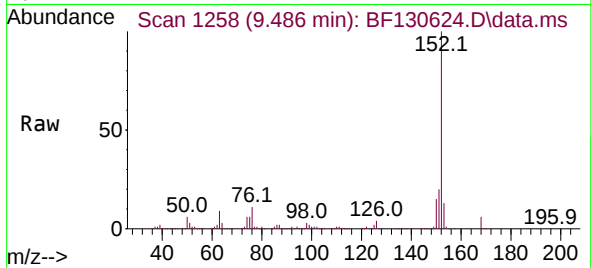
Tgt Ion: 65 Resp: 153653
Ion Ratio Lower Upper
65 100
92 71.1 57.4 86.0
138 113.6 96.7 145.1





#49
Acenaphthylene
Concen: 44.255 ng
RT: 9.486 min Scan# 1258
Delta R.T. 0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

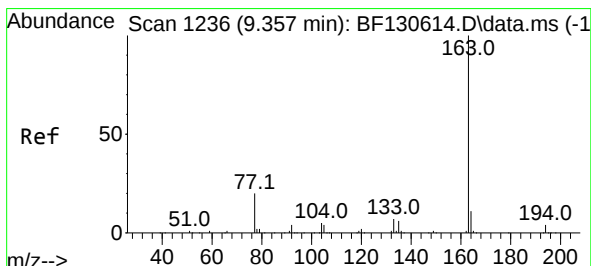
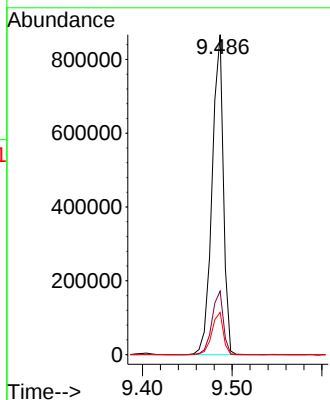
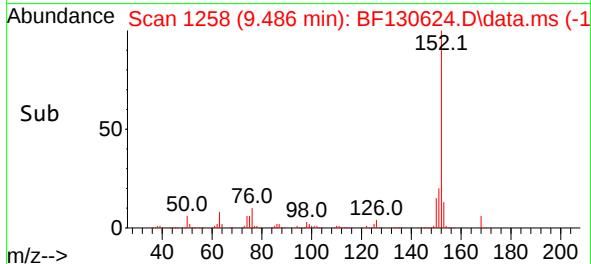
Instrument :
BNA_F
ClientSampleId :
PB148276BS



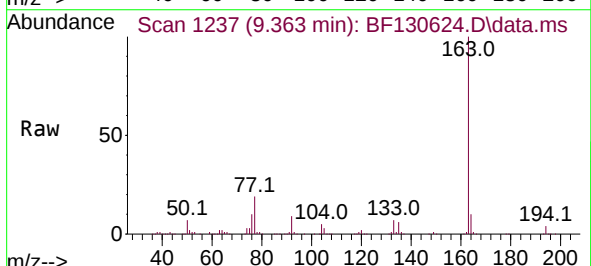
Tgt Ion:152 Resp: 756358
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.2
153 13.2 10.8 16.2

Manual Integrations
APPROVED

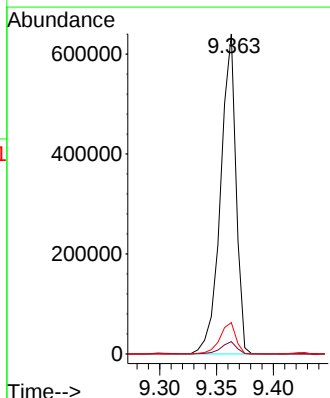
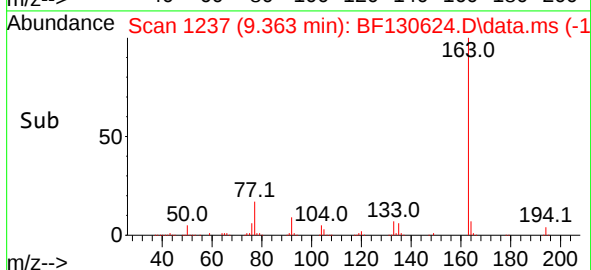
Reviewed By :Christian Giraldo 10/13/2022
Supervised By :Jagrut Upadhyay 10/13/2022

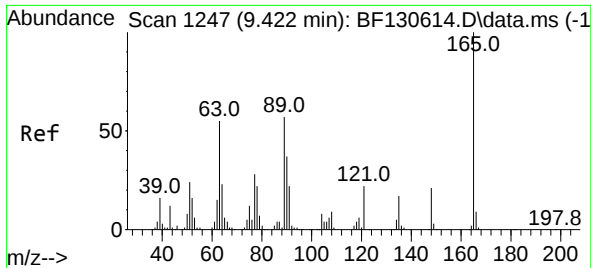


#50
Dimethylphthalate
Concen: 45.241 ng
RT: 9.363 min Scan# 1237
Delta R.T. 0.006 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55



Tgt Ion:163 Resp: 603097
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 9.8 8.5 12.7





#51

2,6-Dinitrotoluene

Concen: 46.433 ng

RT: 9.422 min Scan# 1247

Delta R.T. -0.000 min

Lab File: BF130624.D

Acq: 12 Oct 2022 11:55

Instrument :

BNA_F

ClientSampleId :

PB148276BS

Tgt Ion:165 Resp: 135780

Ion Ratio Lower Upper

165 100

63 59.7 45.3 67.9

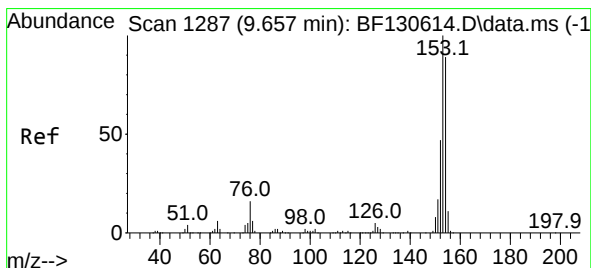
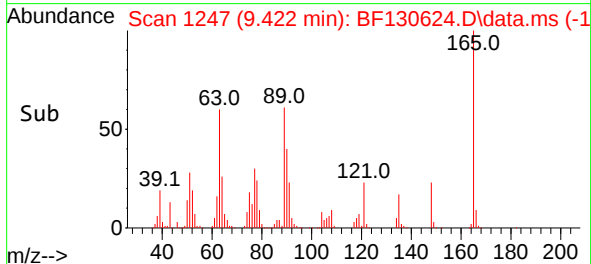
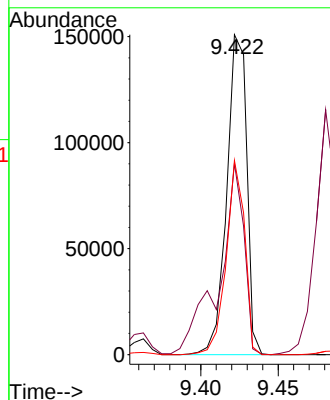
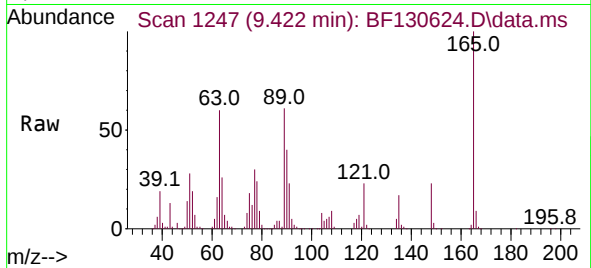
89 60.7 45.6 68.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/13/2022

Supervised By :Jagrut Upadhyay 10/13/2022



#52

Acenaphthene

Concen: 44.488 ng

RT: 9.657 min Scan# 1287

Delta R.T. 0.000 min

Lab File: BF130624.D

Acq: 12 Oct 2022 11:55

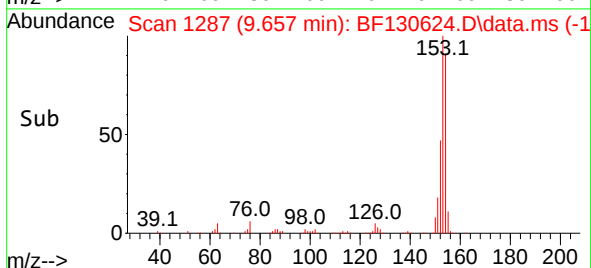
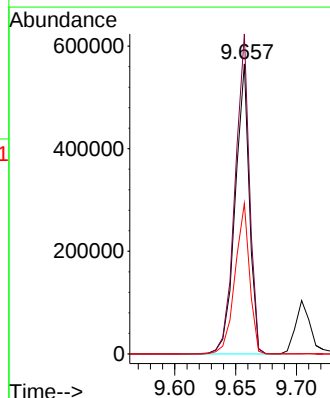
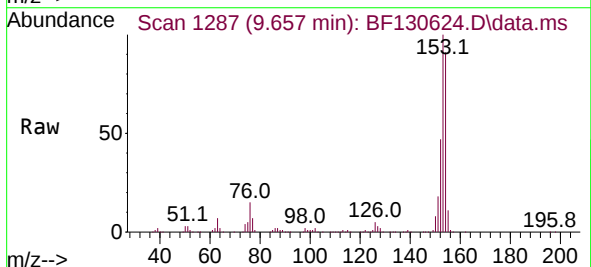
Tgt Ion:154 Resp: 460666

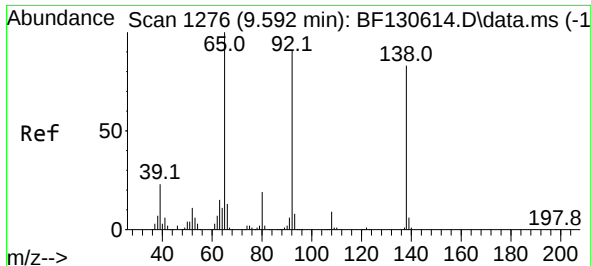
Ion Ratio Lower Upper

154 100

153 110.4 89.6 134.4

152 51.9 42.4 63.6





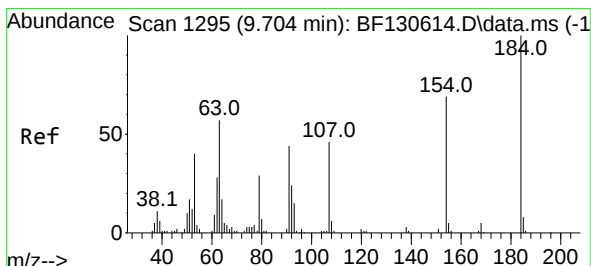
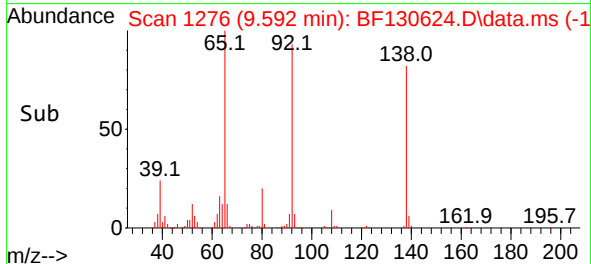
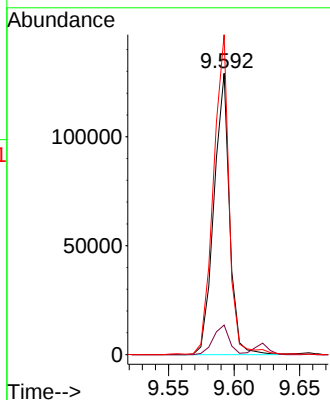
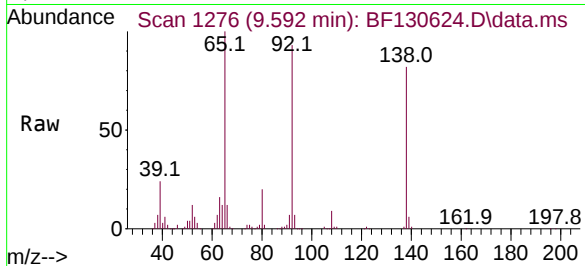
#53
3-Nitroaniline
Concen: 33.428 ng
RT: 9.592 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

Instrument :
BNA_F
ClientSampleId :
PB148276BS

Tgt Ion:138 Resp: 107152
Ion Ratio Lower Upper
138 100
108 10.5 8.4 12.6
92 113.7 88.2 132.4

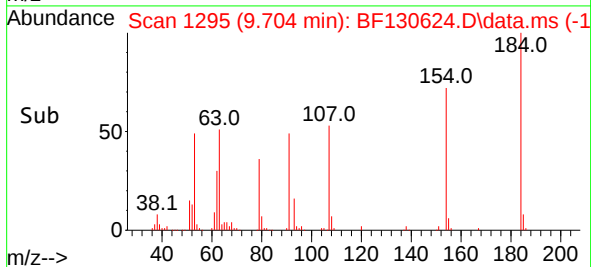
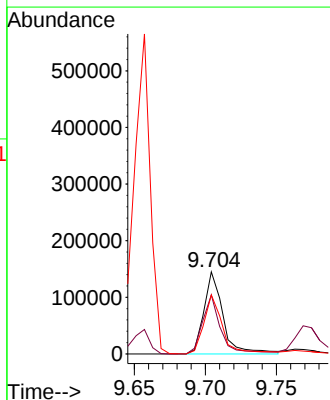
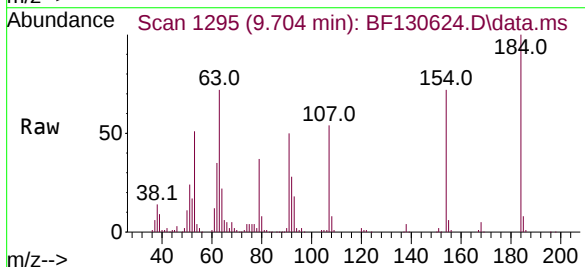
Manual Integrations
APPROVED

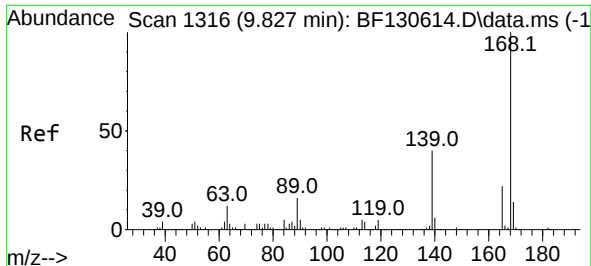
Reviewed By :Christian Giraldo 10/13/2022
Supervised By :Jagrut Upadhyay 10/13/2022



#54
2,4-Dinitrophenol
Concen: 90.147 ng
RT: 9.704 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

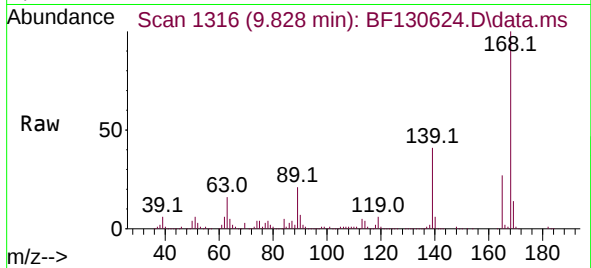
Tgt Ion:184 Resp: 135330
Ion Ratio Lower Upper
184 100
63 71.9 45.5 68.3#
154 71.9 55.1 82.7





#55
Dibenzofuran
Concen: 45.066 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

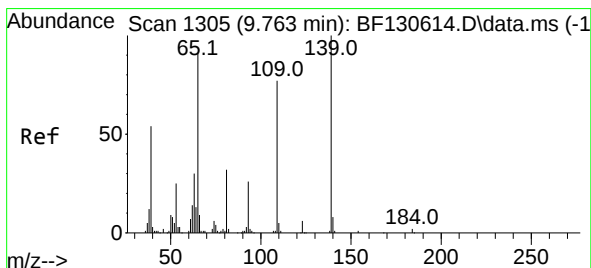
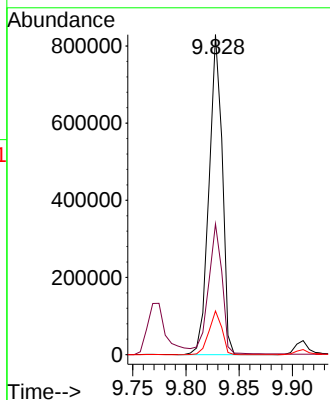
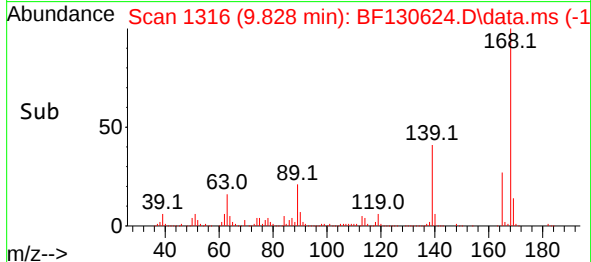
Instrument :
BNA_F
ClientSampleId :
PB148276BS



Tgt Ion:168 Resp: 71088
Ion Ratio Lower Upper
168 100
139 40.8 33.0 49.4
169 13.6 10.9 16.3

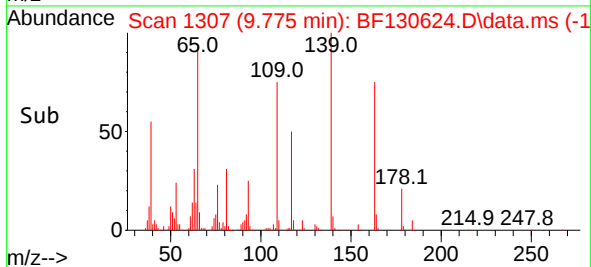
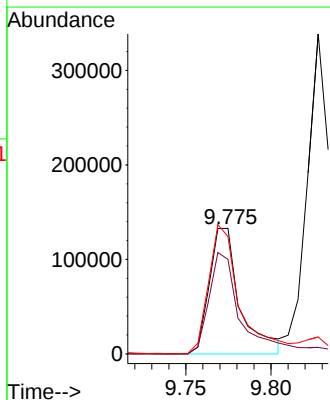
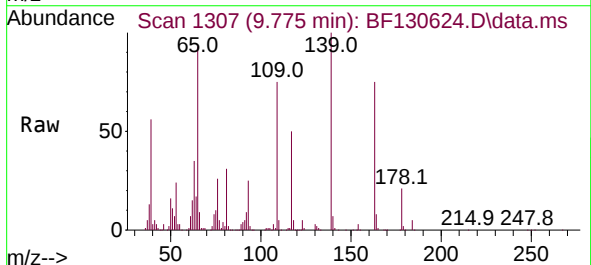
Manual Integrations
APPROVED

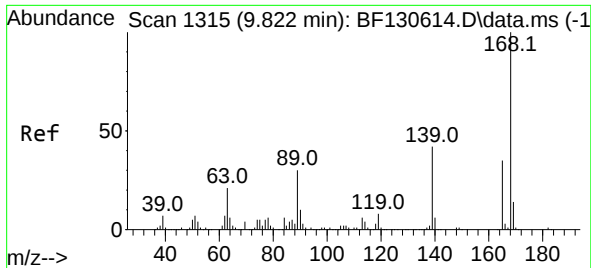
Reviewed By :Christian Giraldo 10/13/2022
Supervised By :Jagrut Upadhyay 10/13/2022



#56
4-Nitrophenol
Concen: 94.509 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.012 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

Tgt Ion:139 Resp: 167034
Ion Ratio Lower Upper
139 100
109 75.2 57.4 97.4
65 93.4 71.3 111.3





#57
2,4-Dinitrotoluene
Concen: 46.918 ng
RT: 9.828 min Scan# 1315
Delta R.T. 0.006 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

Instrument :

BNA_F

ClientSampleId :

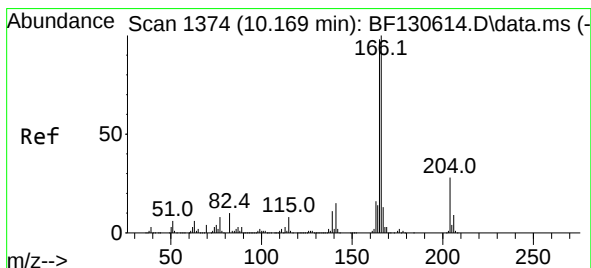
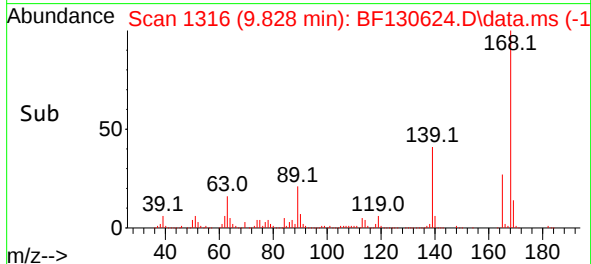
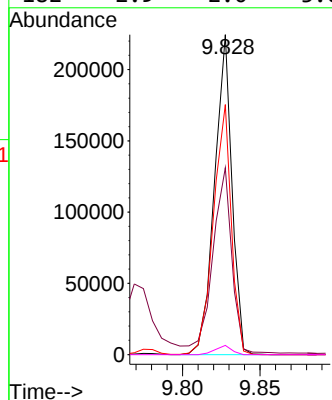
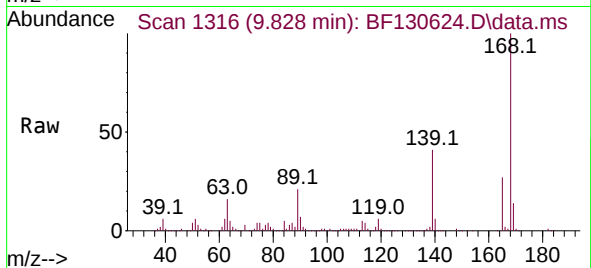
PB148276BS

Tgt Ion:165 Resp: 176328
Ion Ratio Lower Upper
165 100
63 58.4 50.6 76.0
89 78.1 68.6 102.8
182 2.9 2.0 3.0

Manual Integrations

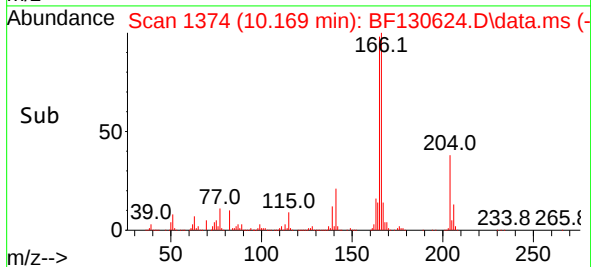
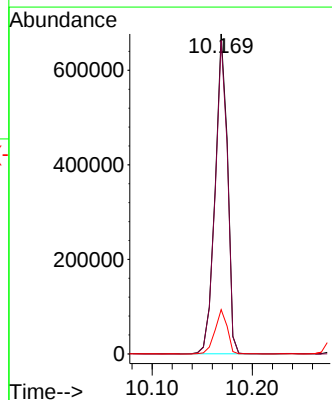
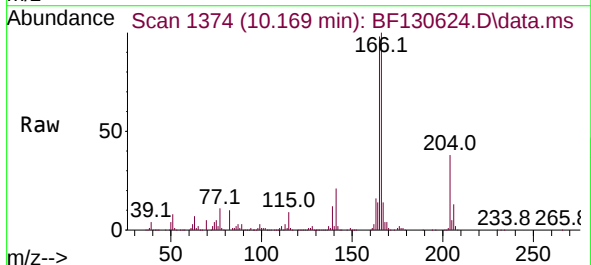
APPROVED

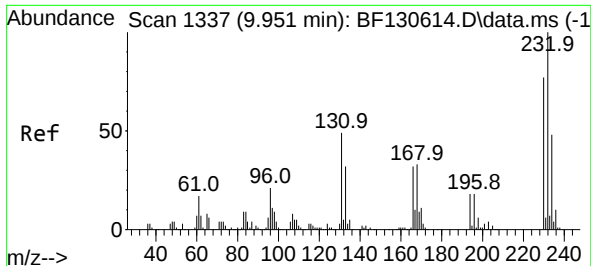
Reviewed By :Christian Giraldo 10/13/2022
Supervised By :Jagrut Upadhyay 10/13/2022



#58
Fluorene
Concen: 44.652 ng
RT: 10.169 min Scan# 1374
Delta R.T. 0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

Tgt Ion:166 Resp: 579080
Ion Ratio Lower Upper
166 100
165 97.9 78.2 117.4
167 13.8 10.8 16.2





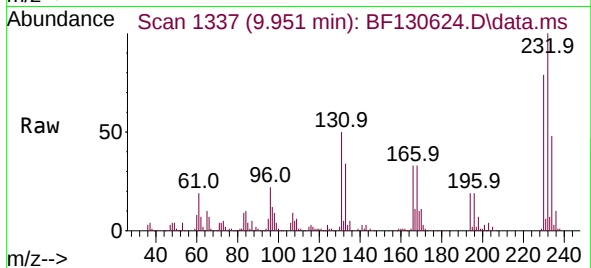
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.757 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

Instrument :

BNA_F

ClientSampleId :

PB148276BS

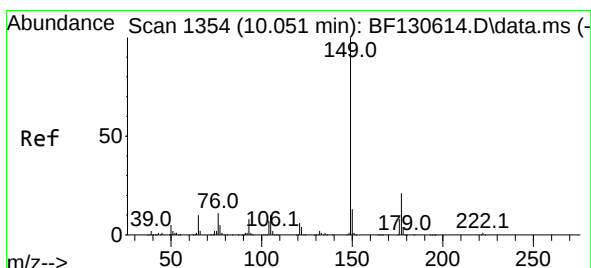
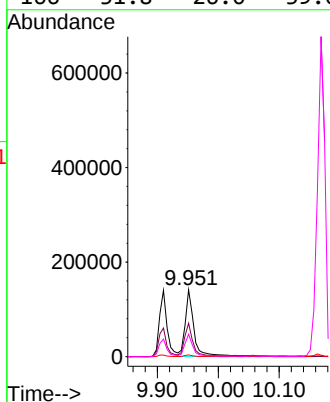
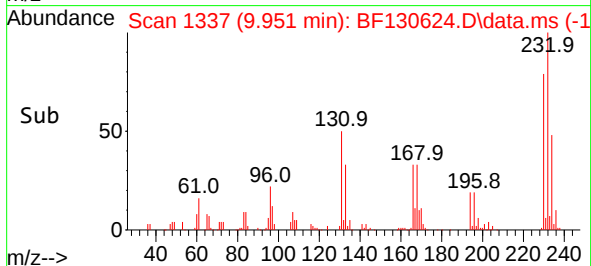


Tgt Ion:232 Resp: 140738
Ion Ratio Lower Upper
232 100
131 50.7 41.4 62.0
130 2.6 2.1 3.1
166 31.8 26.0 39.0

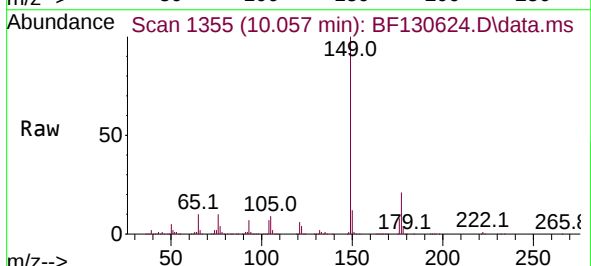
Manual Integrations

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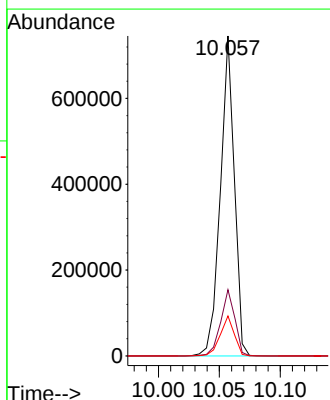
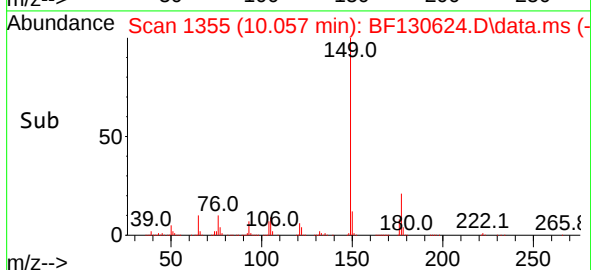
Reviewed By :Christian Giraldo 10/13/2022
Supervised By :Jagrut Upadhyay 10/13/2022

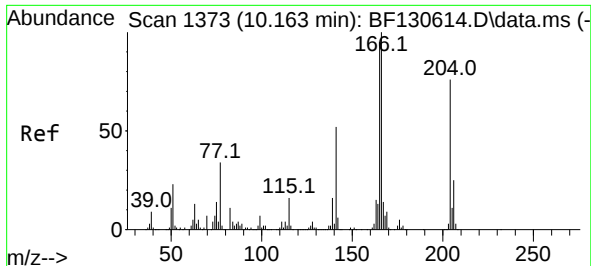


#60
Diethylphthalate
Concen: 44.703 ng
RT: 10.057 min Scan# 1355
Delta R.T. 0.006 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55



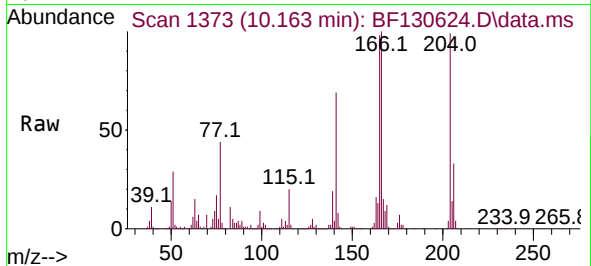
Tgt Ion:149 Resp: 594584
Ion Ratio Lower Upper
149 100
177 20.7 16.7 25.1
150 12.5 10.5 15.7





#61
4-Chlorophenyl-phenylether
Concen: 46.510 ng
RT: 10.163 min Scan# 1373
Delta R.T. 0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

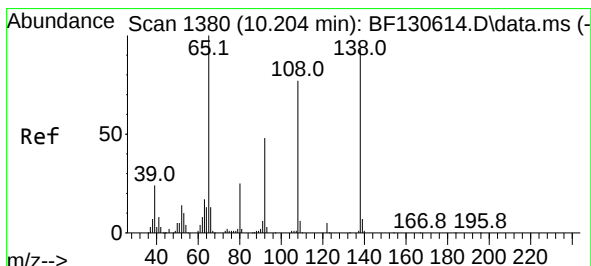
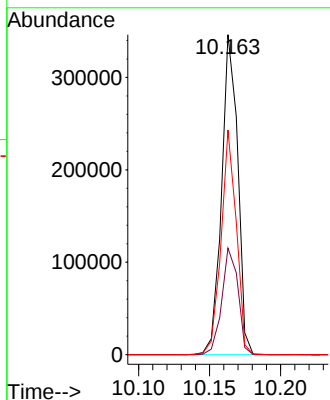
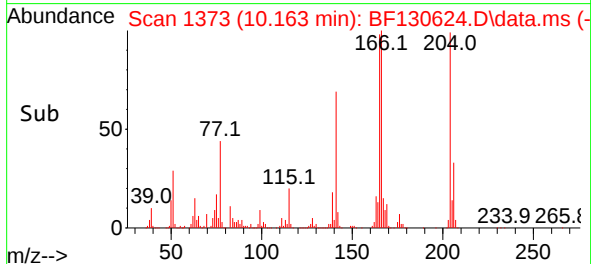
Instrument :
BNA_F
ClientSampleId :
PB148276BS



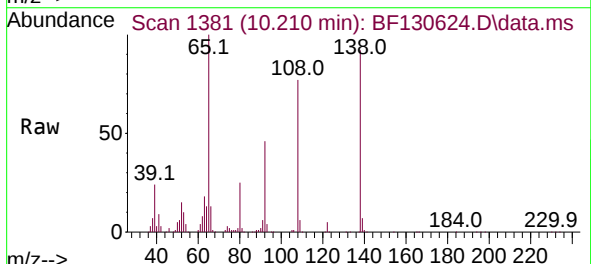
Tgt Ion:204 Resp: 272698
Ion Ratio Lower Upper
204 100
206 33.3 26.1 39.1
141 70.2 54.6 81.8

Manual Integrations
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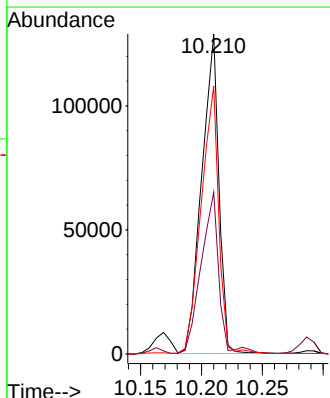
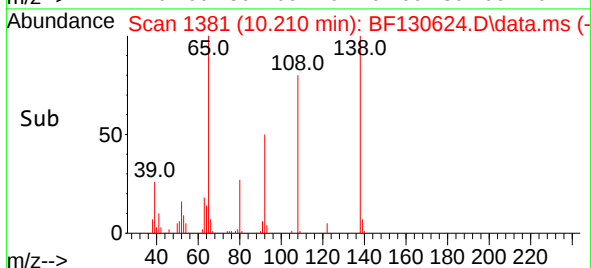
Reviewed By :Christian Giraldo 10/13/2022
Supervised By :Jagrut Upadhyay 10/13/2022

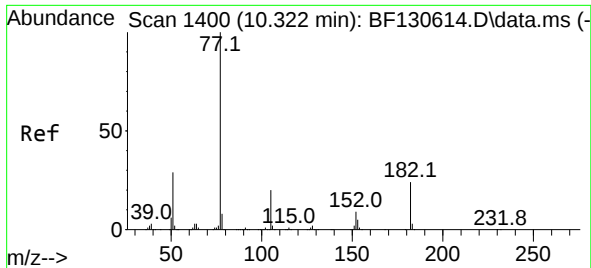


#62
4-Nitroaniline
Concen: 41.488 ng
RT: 10.210 min Scan# 1381
Delta R.T. 0.006 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55



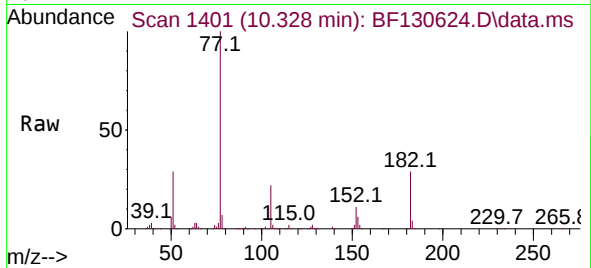
Tgt Ion:138 Resp: 126970
Ion Ratio Lower Upper
138 100
92 50.5 31.1 71.1
108 83.7 62.1 102.1





#63
Azobenzene
Concen: 42.859 ng
RT: 10.328 min Scan# 1400
Delta R.T. 0.006 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

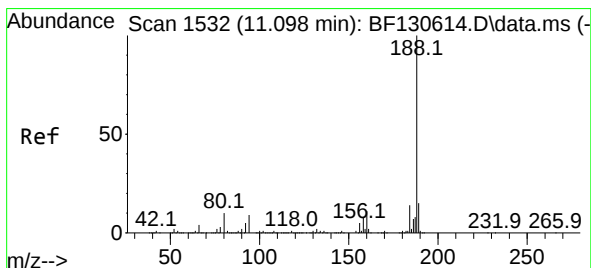
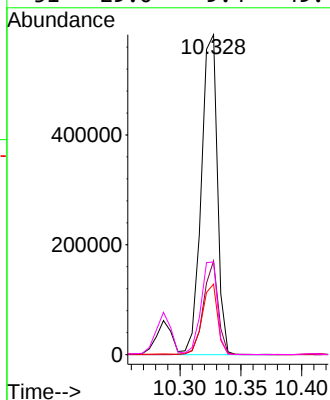
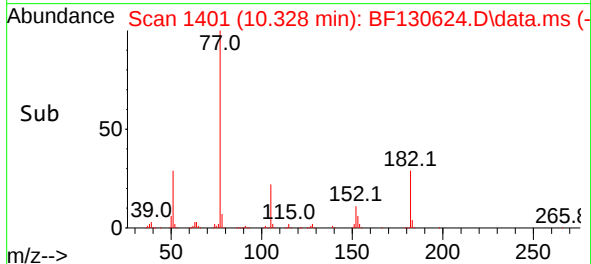
Instrument :
BNA_F
ClientSampleId :
PB148276BS



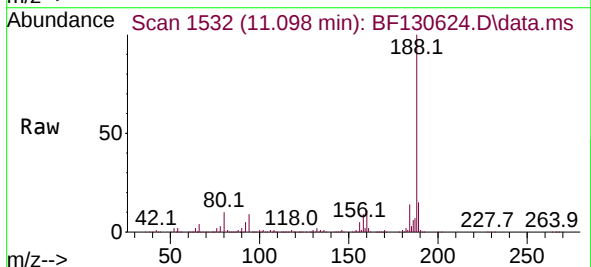
Tgt Ion:	77	Ratio	100	Lower	Upper
182	29.3	3.8	43.8		
105	22.0	0.3	40.3		
51	29.0	9.4	49.4		

Manual Integrations
APPROVED

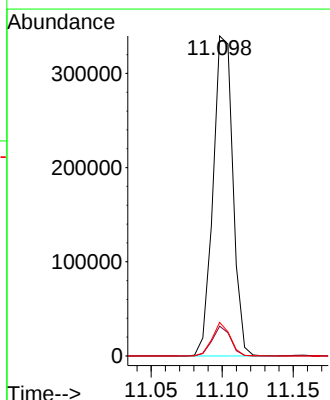
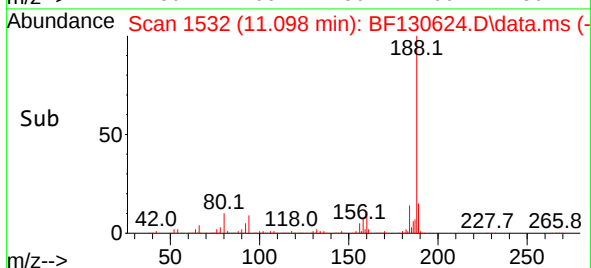
Reviewed By :Christian Giraldo 10/13/2022
Supervised By :Jagrut Upadhyay 10/13/2022

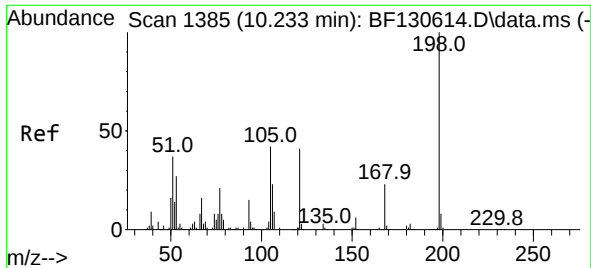


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.098 min Scan# 1532
Delta R.T. 0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55



Tgt Ion:	188	Ratio	100	Lower	Upper
94	9.3	7.4	11.2		
80	10.5	8.0	12.0		





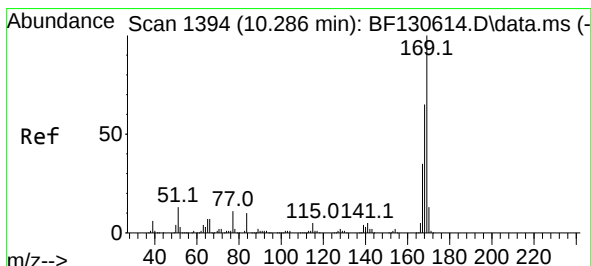
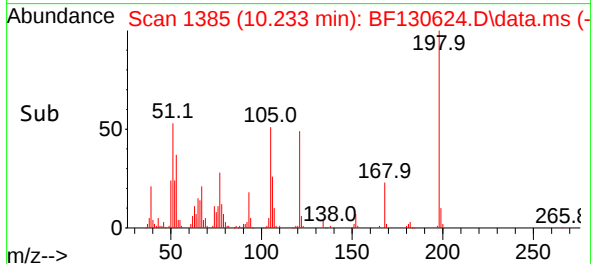
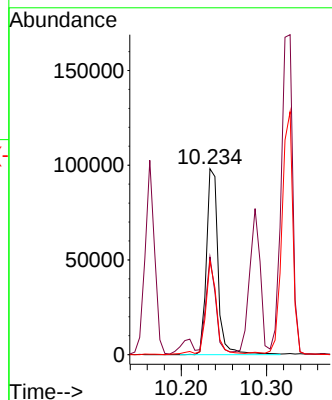
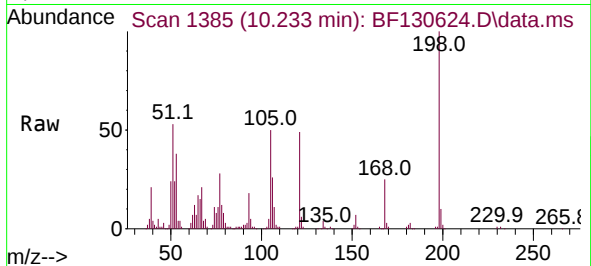
#65
4,6-Dinitro-2-methylphenol
Concen: 44.999 ng
RT: 10.233 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

Instrument :
BNA_F
ClientSampleId :
PB148276BS

Tgt Ion:198 Resp: 92820
Ion Ratio Lower Upper
198 100
51 52.6 18.7 58.7
105 50.3 22.0 62.0

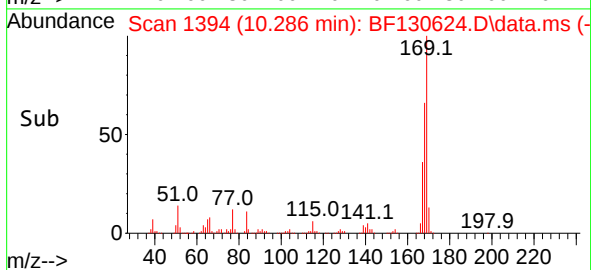
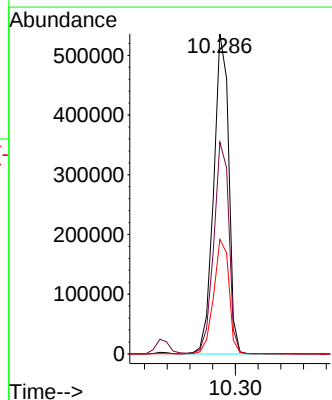
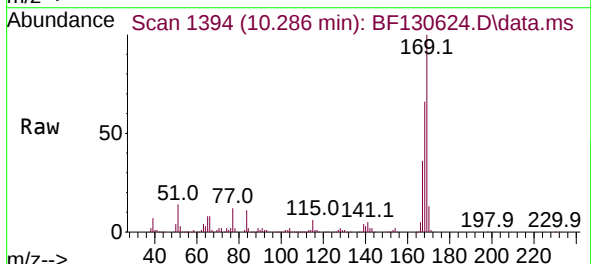
Manual Integrations
APPROVED

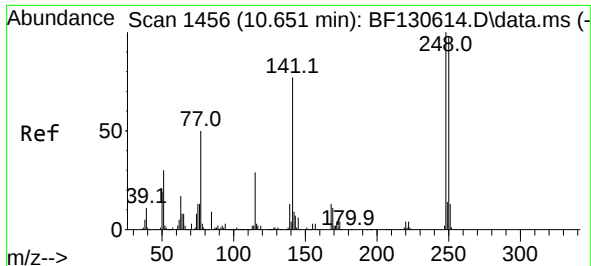
Reviewed By :Christian Giraldo 10/13/2022
Supervised By :Jagrut Upadhyay 10/13/2022



#66
n-Nitrosodiphenylamine
Concen: 44.937 ng
RT: 10.286 min Scan# 1394
Delta R.T. 0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

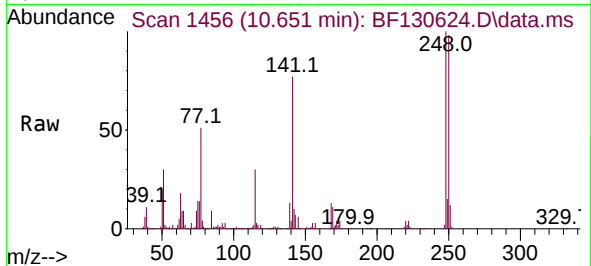
Tgt Ion:169 Resp: 493392
Ion Ratio Lower Upper
169 100
168 66.1 52.2 78.4
167 35.8 28.3 42.5





#67
4-Bromophenyl-phenylether
Concen: 47.955 ng
RT: 10.651 min Scan# 1456
Delta R.T. 0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

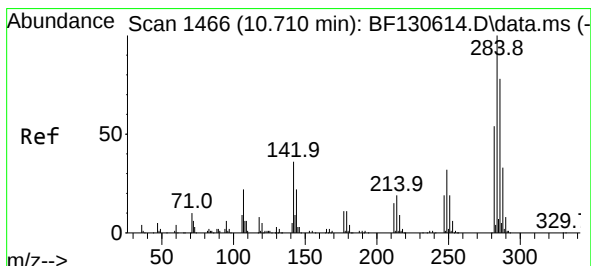
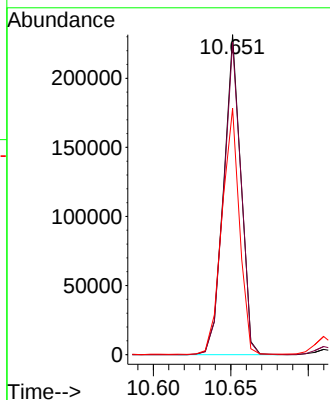
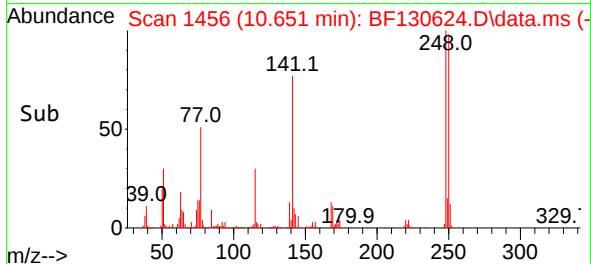
Instrument :
BNA_F
ClientSampleId :
PB148276BS



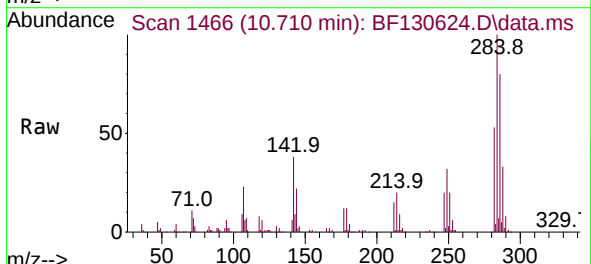
Tgt Ion:248 Resp: 179099
Ion Ratio Lower Upper
248 100
250 97.6 78.7 118.1
141 77.0 61.6 92.4

Manual Integrations
APPROVED

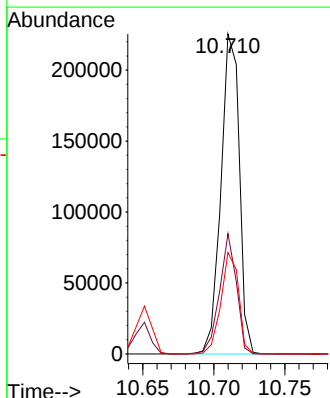
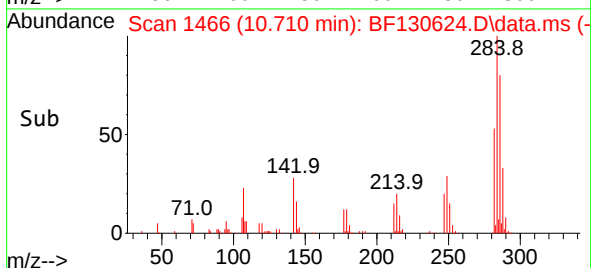
Reviewed By :Christian Giraldo 10/13/2022
Supervised By :Jagrut Upadhyay 10/13/2022

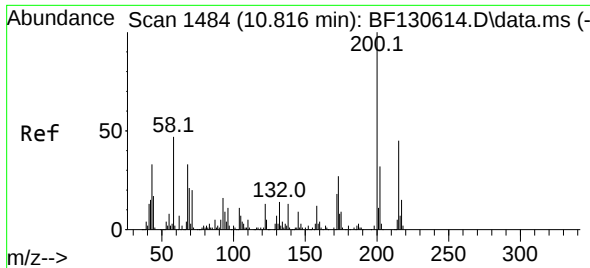


#68
Hexachlorobenzene
Concen: 48.270 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55



Tgt Ion:284 Resp: 203790
Ion Ratio Lower Upper
284 100
142 37.6 28.6 42.8
249 31.7 25.2 37.8





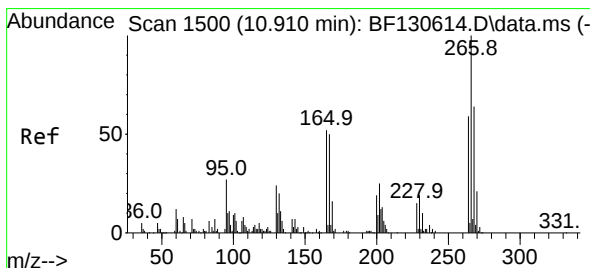
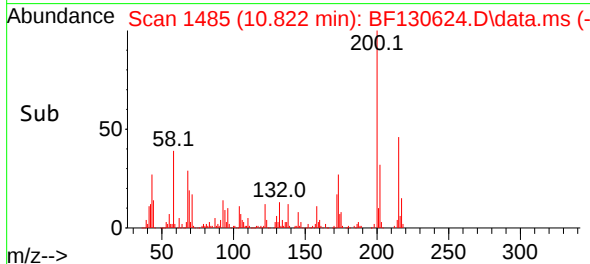
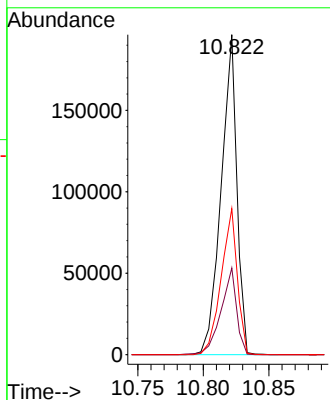
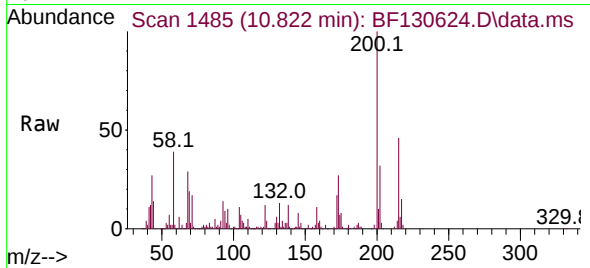
#69
 Atrazine
 Concen: 55.062 ng
 RT: 10.822 min Scan# 1484
 Delta R.T. 0.006 min
 Lab File: BF130624.D
 Acq: 12 Oct 2022 11:55

Instrument :
 BNA_F
 ClientSampleId :
 PB148276BS

Tgt Ion:200 Resp: 164624
 Ion Ratio Lower Upper
 200 100
 173 27.1 7.1 47.1
 215 45.6 24.9 64.9

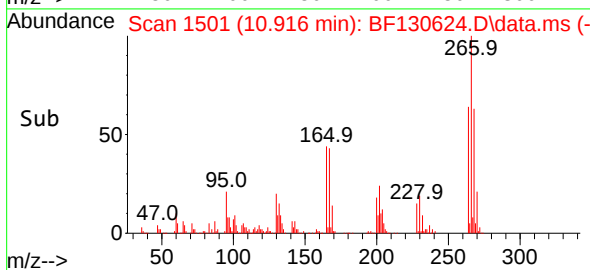
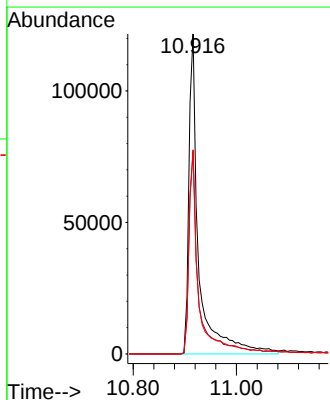
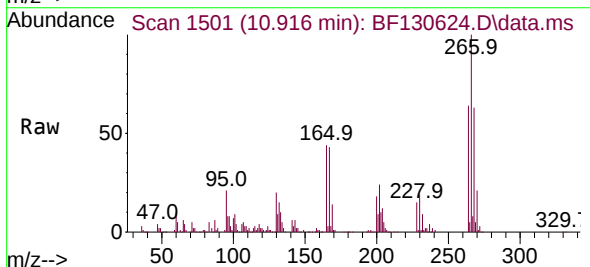
Manual Integrations
 APPROVED

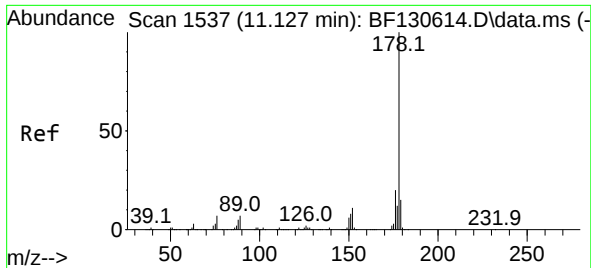
Reviewed By :Christian Giraldo 10/13/2022
 Supervised By :Jagrut Upadhyay 10/13/2022



#70
 Pentachlorophenol
 Concen: 98.826 ng
 RT: 10.916 min Scan# 1501
 Delta R.T. 0.006 min
 Lab File: BF130624.D
 Acq: 12 Oct 2022 11:55

Tgt Ion:266 Resp: 162385
 Ion Ratio Lower Upper
 266 100
 268 63.2 50.8 76.2
 264 63.8 47.5 71.3





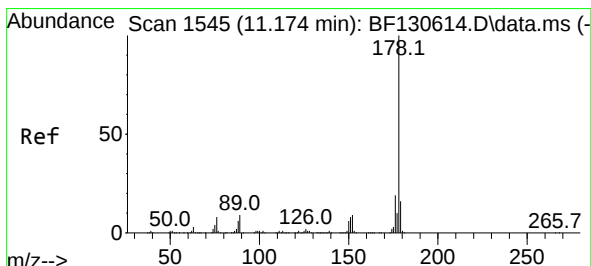
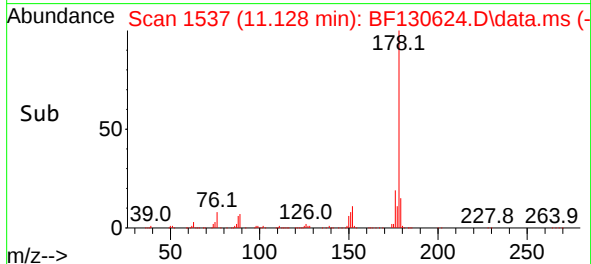
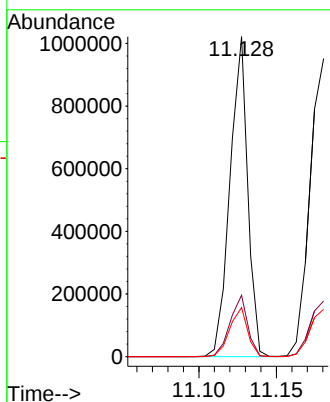
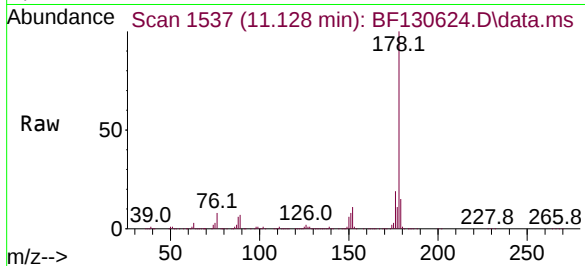
#71
Phenanthrene
Concen: 44.443 ng
RT: 11.128 min Scan# 1537
Delta R.T. 0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

Instrument :
BNA_F
ClientSampleId :
PB148276BS

Tgt Ion:178 Resp: 812738
Ion Ratio Lower Upper
178 100
176 19.2 15.7 23.5
179 15.3 12.2 18.4

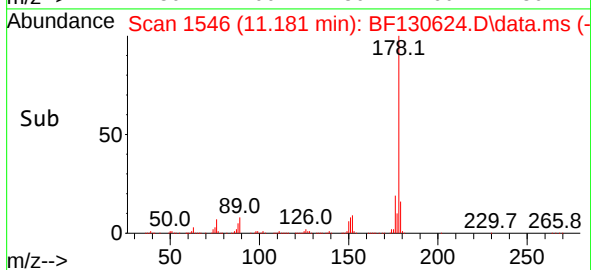
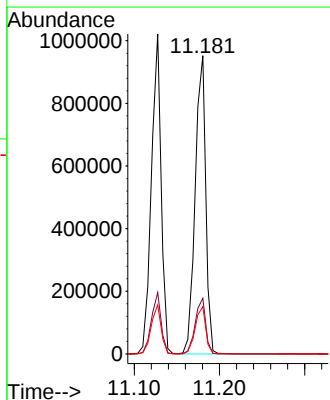
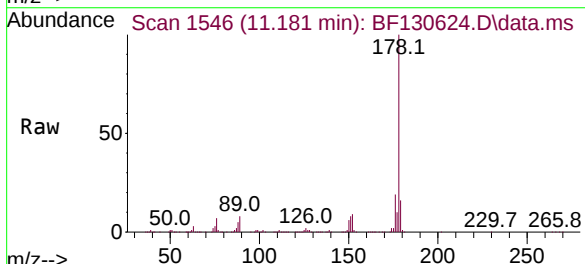
Manual Integrations
APPROVED

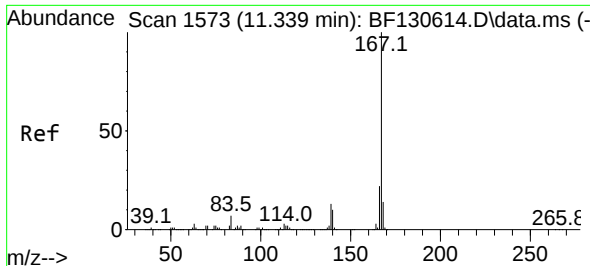
Reviewed By :Christian Giraldo 10/13/2022
Supervised By :Jagrut Upadhyay 10/13/2022



#72
Anthracene
Concen: 45.902 ng
RT: 11.181 min Scan# 1546
Delta R.T. 0.006 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

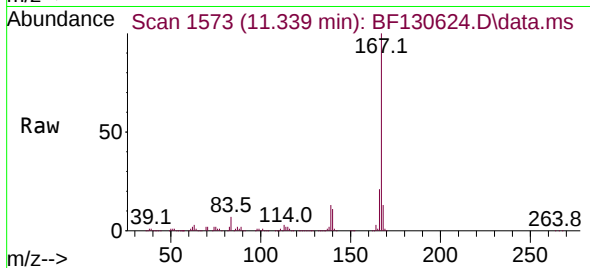
Tgt Ion:178 Resp: 819811
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.9 12.5 18.7





#73
 Carbazole
 Concen: 45.769 ng
 RT: 11.339 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF130624.D
 Acq: 12 Oct 2022 11:55

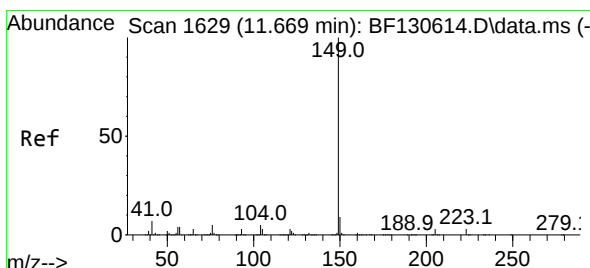
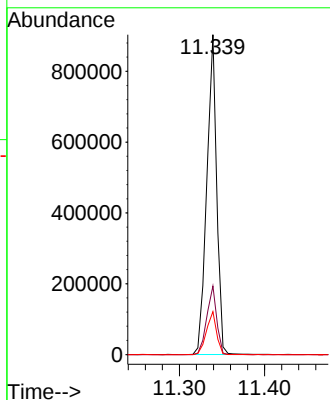
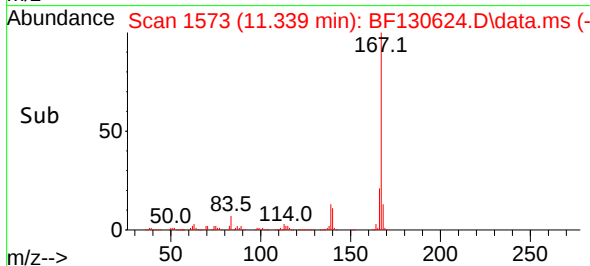
Instrument :
 BNA_F
 ClientSampleId :
 PB148276BS



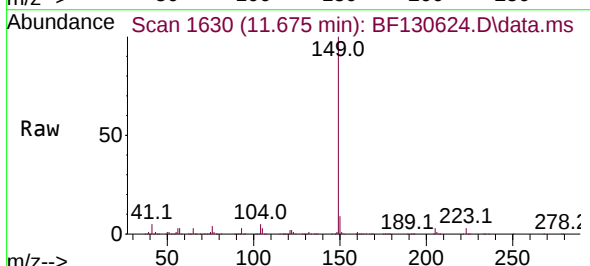
Tgt Ion:167 Resp: 729409
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.3 25.9
 139 13.4 10.7 16.1

Manual Integrations
 APPROVED

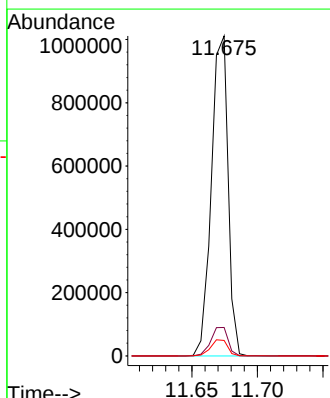
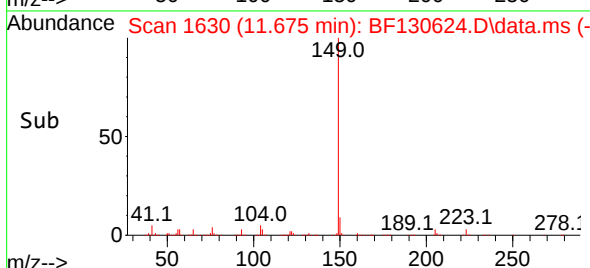
Reviewed By :Christian Giraldo 10/13/2022
 Supervised By :Jagrut Upadhyay 10/13/2022

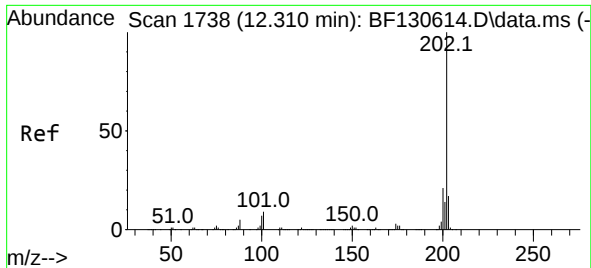


#74
 Di-n-butylphthalate
 Concen: 46.583 ng
 RT: 11.675 min Scan# 1630
 Delta R.T. 0.006 min
 Lab File: BF130624.D
 Acq: 12 Oct 2022 11:55



Tgt Ion:149 Resp: 899283
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.5 11.3
 104 4.8 4.2 6.2





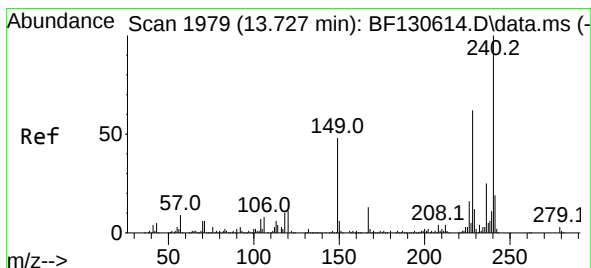
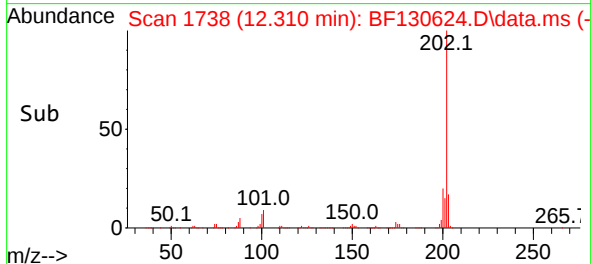
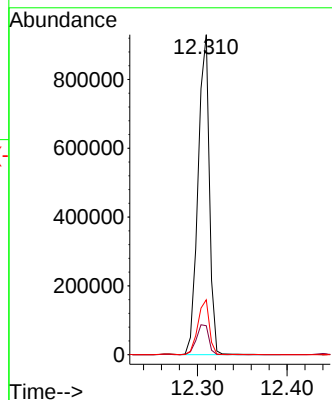
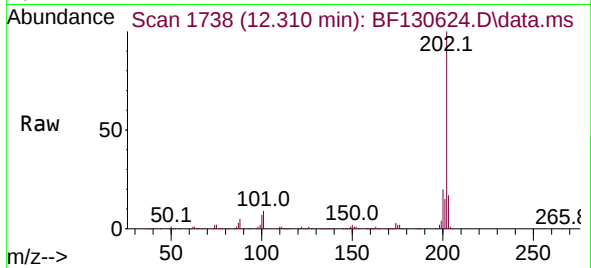
#75
Fluoranthene
Concen: 46.180 ng
RT: 12.310 min Scan# 1738
Delta R.T. 0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

Instrument :
BNA_F
ClientSampleId :
PB148276BS

Tgt Ion:202 Resp: 811656
Ion Ratio Lower Upper
202 100
101 9.0 0.0 29.1
203 17.1 0.0 37.3

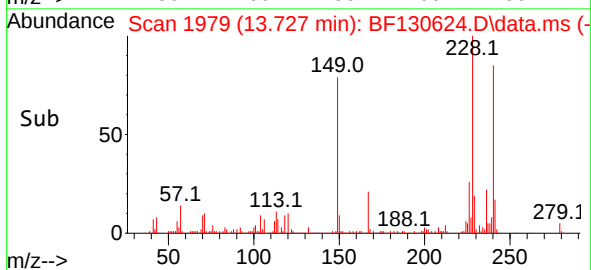
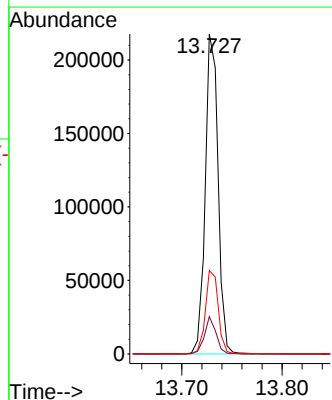
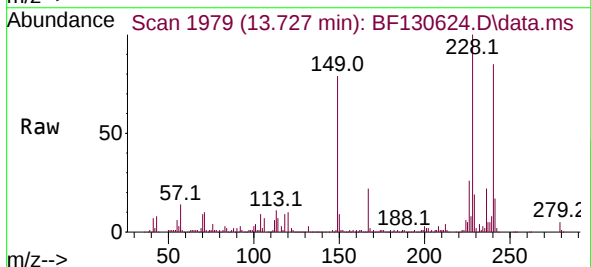
Manual Integrations
APPROVED

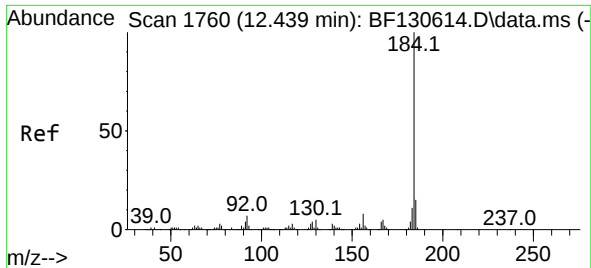
Reviewed By :Christian Giraldo 10/13/2022
Supervised By :Jagrut Upadhyay 10/13/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.727 min Scan# 1979
Delta R.T. 0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

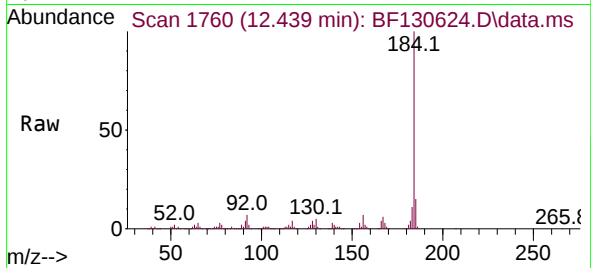
Tgt Ion:240 Resp: 192413
Ion Ratio Lower Upper
240 100
120 11.6 8.6 13.0
236 26.0 20.2 30.4





#77
Benzidine
Concen: 57.524 ng
RT: 12.439 min Scan# 1760
Delta R.T. 0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

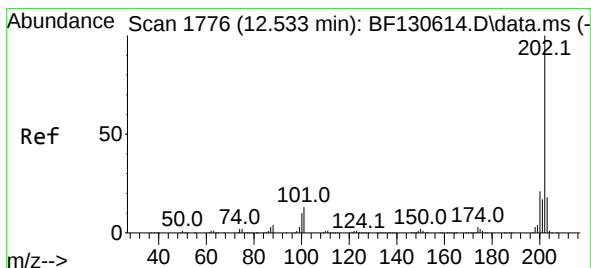
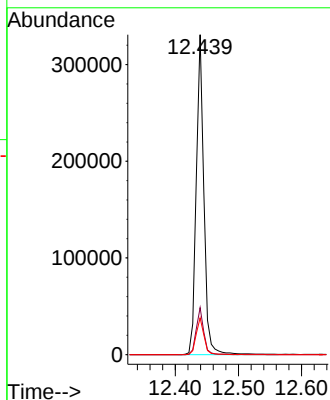
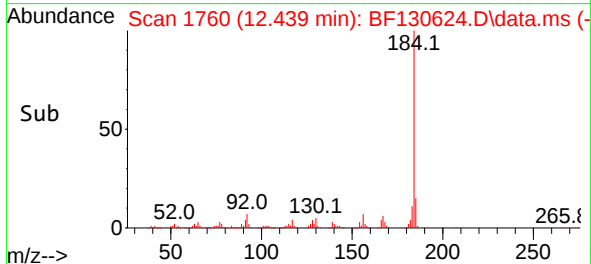
Instrument :
BNA_F
ClientSampleId :
PB148276BS



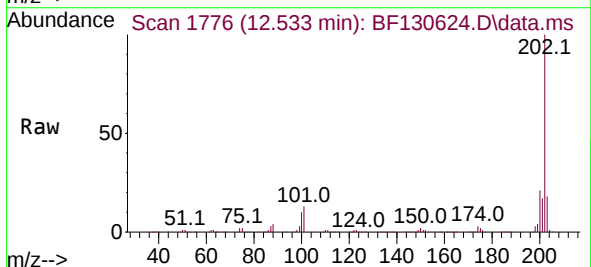
Tgt Ion:184 Resp: 279761
Ion Ratio Lower Upper
184 100
185 14.7 12.0 18.0
183 11.5 9.0 13.4

Manual Integrations
APPROVED

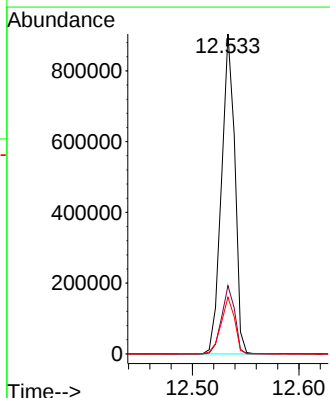
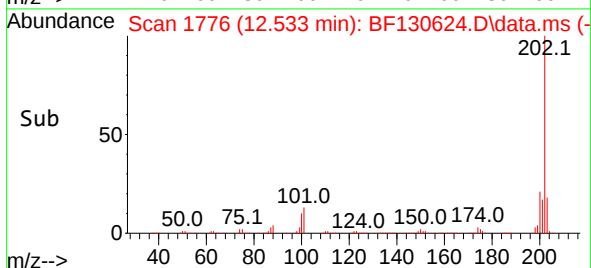
Reviewed By :Christian Giraldo 10/13/2022
Supervised By :Jagrut Upadhyay 10/13/2022

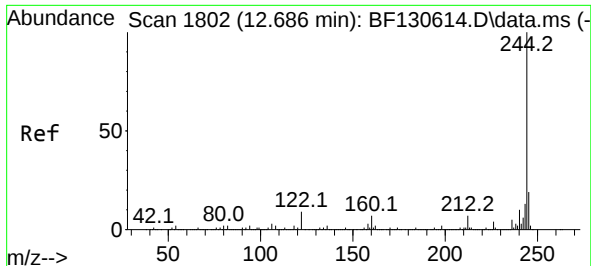


#78
Pyrene
Concen: 47.593 ng
RT: 12.533 min Scan# 1776
Delta R.T. 0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55



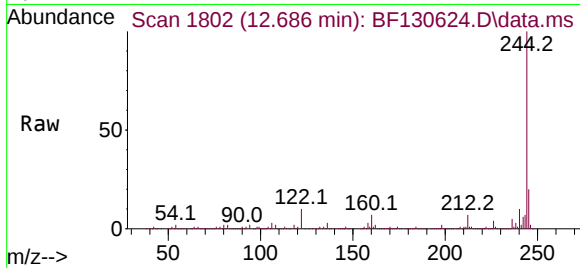
Tgt Ion:202 Resp: 790028
Ion Ratio Lower Upper
202 100
200 21.3 16.7 25.1
203 17.7 14.0 21.0





#79
 Terphenyl-d14
 Concen: 101.228 ng
 RT: 12.686 min Scan# 1802
 Delta R.T. 0.000 min
 Lab File: BF130624.D
 Acq: 12 Oct 2022 11:55

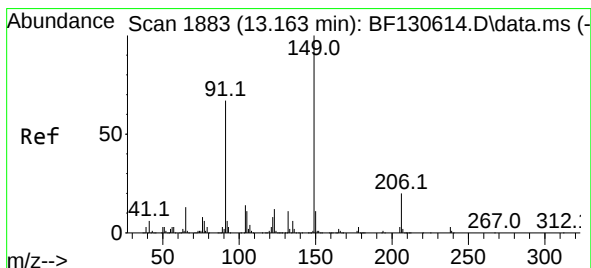
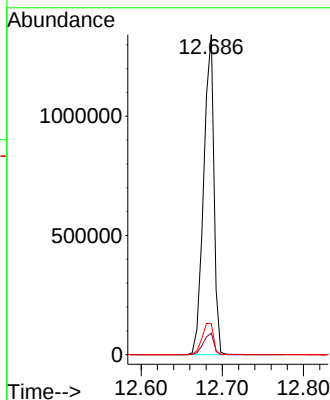
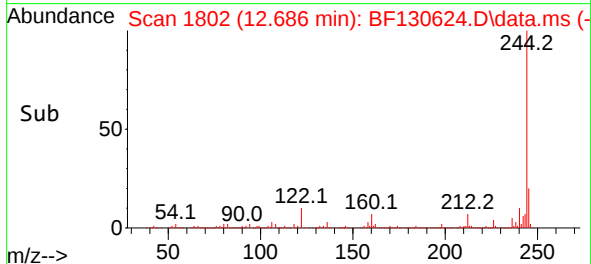
Instrument :
 BNA_F
 ClientSampleId :
 PB148276BS



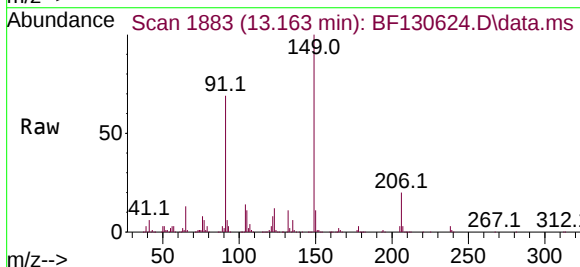
Tgt Ion:244 Resp: 117354
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 9.7 7.5 11.3

Manual Integrations
 APPROVED

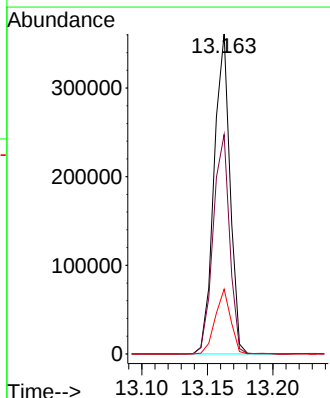
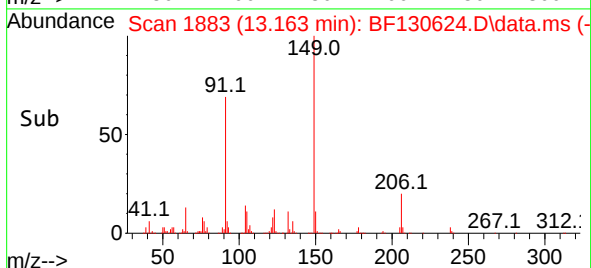
Reviewed By :Christian Giraldo 10/13/2022
 Supervised By :Jagrut Upadhyay 10/13/2022

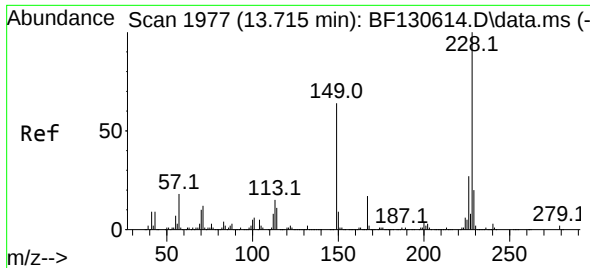


#80
 Butylbenzylphthalate
 Concen: 48.069 ng
 RT: 13.163 min Scan# 1883
 Delta R.T. 0.000 min
 Lab File: BF130624.D
 Acq: 12 Oct 2022 11:55



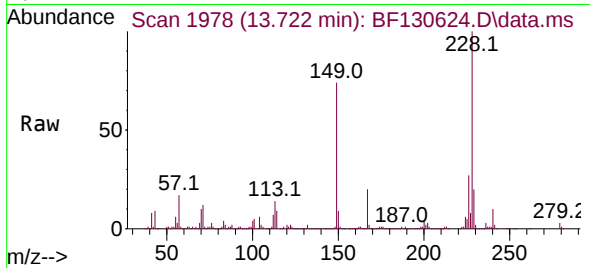
Tgt Ion:149 Resp: 306825
 Ion Ratio Lower Upper
 149 100
 91 68.5 53.8 80.8
 206 20.2 15.8 23.6





#81
Benzo(a)anthracene
Concen: 45.689 ng
RT: 13.722 min Scan# 1978
Delta R.T. 0.006 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

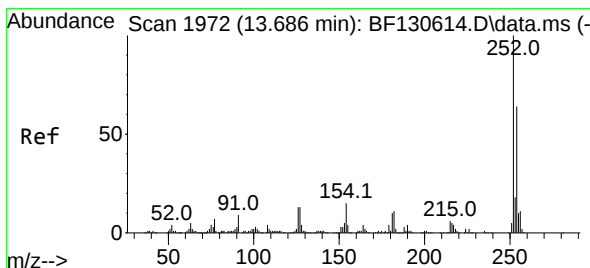
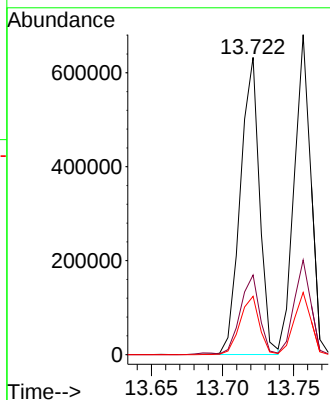
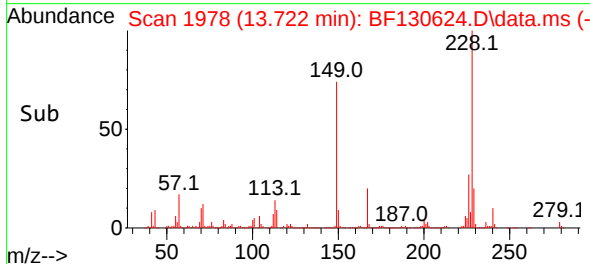
Instrument :
BNA_F
ClientSampleId :
PB148276BS



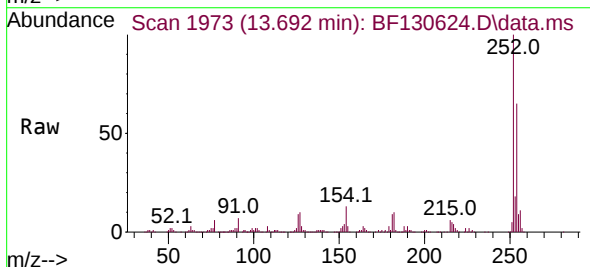
Tgt Ion:228 Resp: 592358
Ion Ratio Lower Upper
228 100
226 26.8 21.4 32.2
229 19.6 15.8 23.8

Manual Integrations
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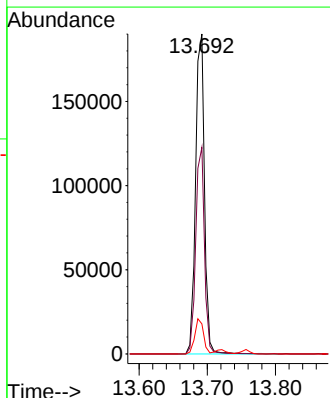
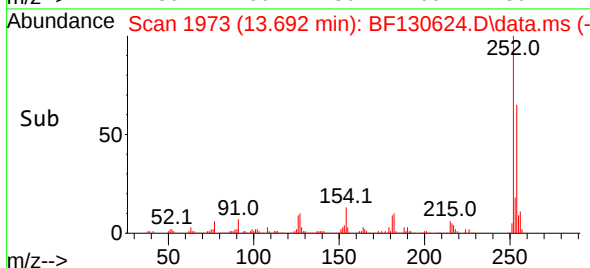
Reviewed By :Christian Giraldo 10/13/2022
Supervised By :Jagrut Upadhyay 10/13/2022

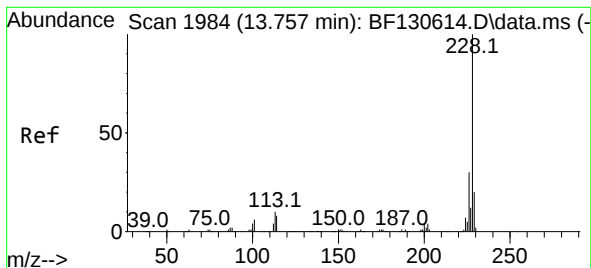


#82
3,3'-Dichlorobenzidine
Concen: 45.995 ng
RT: 13.692 min Scan# 1973
Delta R.T. 0.006 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55



Tgt Ion:252 Resp: 172321
Ion Ratio Lower Upper
252 100
254 64.5 50.9 76.3
126 9.4 10.2 15.4





#83

Chrysene

Concen: 45.247 ng

RT: 13.757 min Scan# 1984

Delta R.T. 0.000 min

Lab File: BF130624.D

Acq: 12 Oct 2022 11:55

Instrument :

BNA_F

ClientSampleId :

PB148276BS

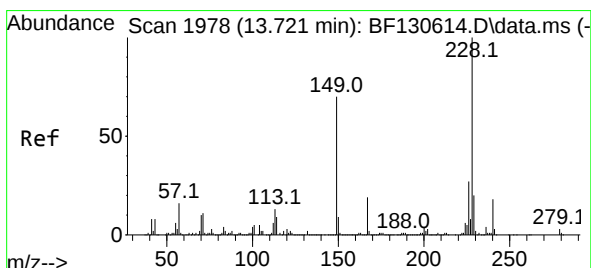
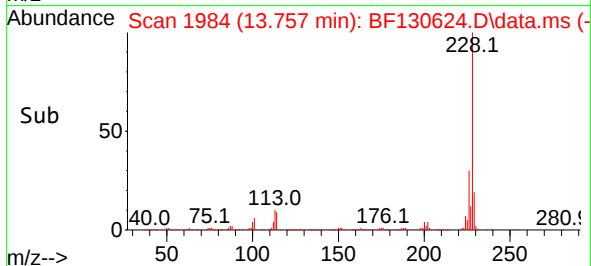
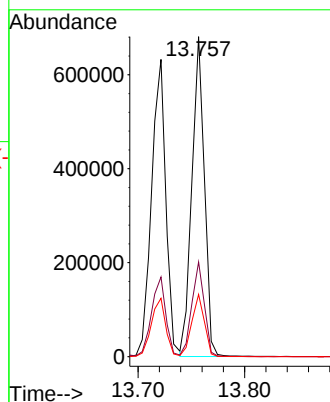
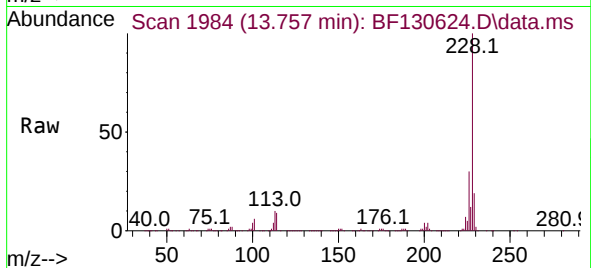
Tgt Ion:228 Resp: 556201

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.9	35.9
229	19.4	15.9	23.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/13/2022
Supervised By :Jagrut Upadhyay 10/13/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.706 ng

RT: 13.722 min Scan# 1978

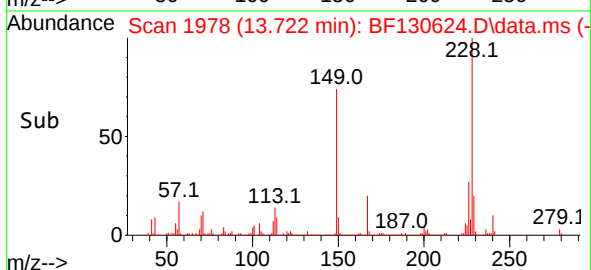
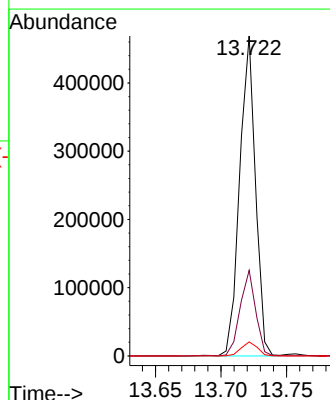
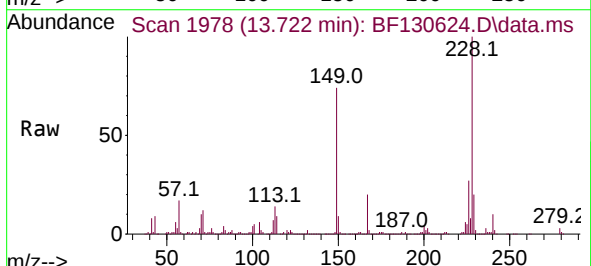
Delta R.T. 0.000 min

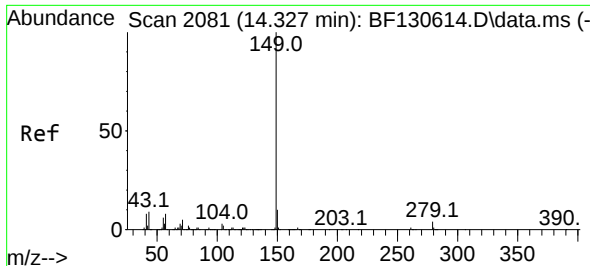
Lab File: BF130624.D

Acq: 12 Oct 2022 11:55

Tgt Ion:149 Resp: 392374

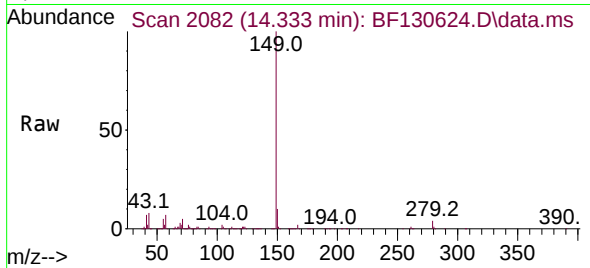
Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.9	32.9
279	4.4	3.8	5.6





#85
Di-n-octyl phthalate
Concen: 49.110 ng
RT: 14.333 min Scan# 2081
Delta R.T. 0.006 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

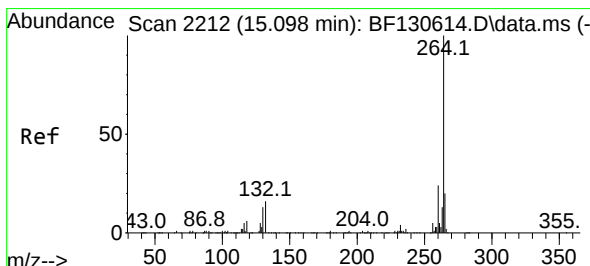
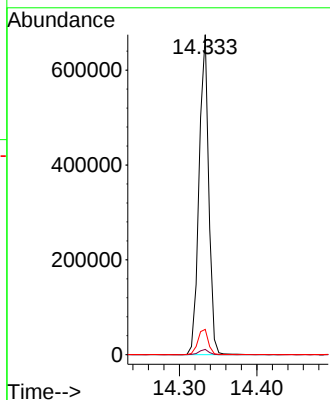
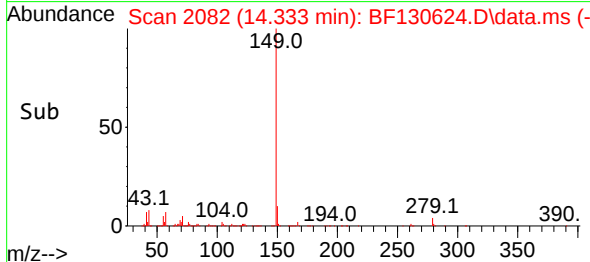
Instrument :
BNA_F
ClientSampleId :
PB148276BS



Tgt Ion:149 Resp: 582016
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.6 7.2 10.8

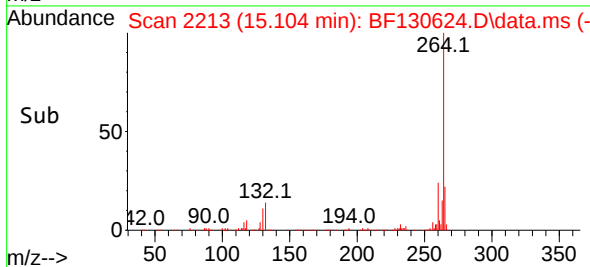
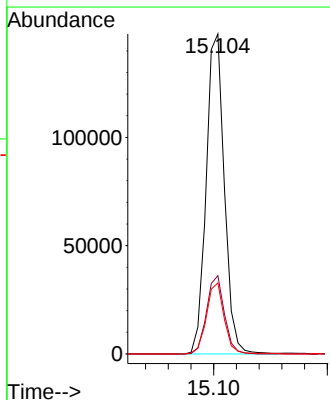
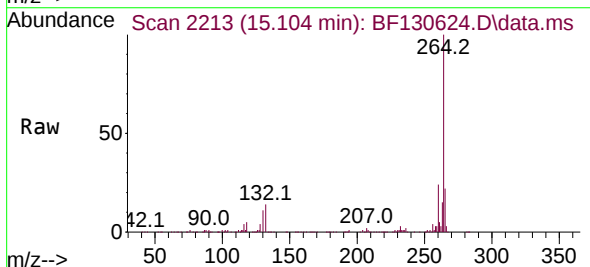
Manual Integrations
APPROVED

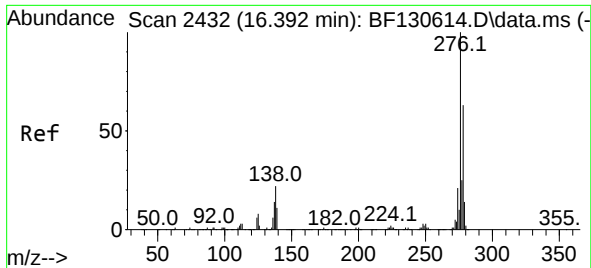
Reviewed By :Christian Giraldo 10/13/2022
Supervised By :Jagrut Upadhyay 10/13/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.104 min Scan# 2213
Delta R.T. 0.006 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

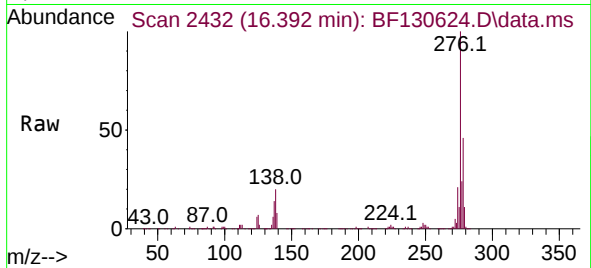
Tgt Ion:264 Resp: 164335
Ion Ratio Lower Upper
264 100
260 24.4 19.1 28.7
265 22.2 16.4 24.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 50.315 ng
RT: 16.392 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

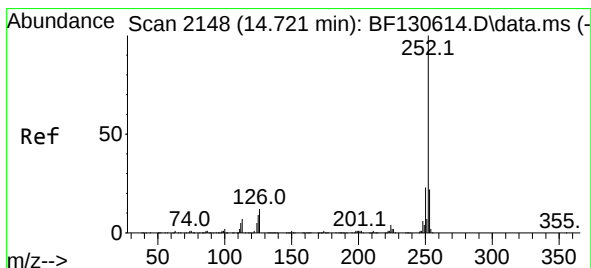
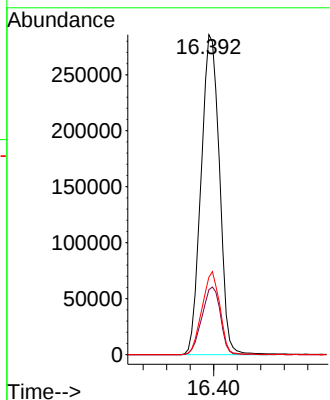
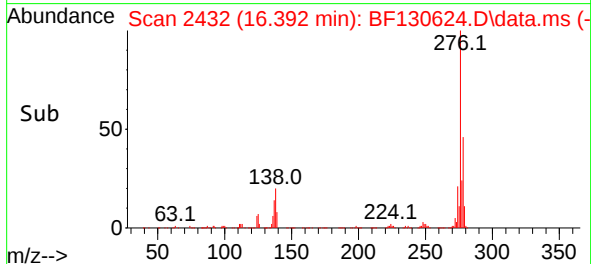
Instrument :
BNA_F
ClientSampleId :
PB148276BS



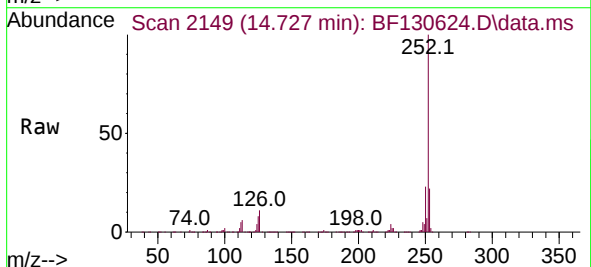
Tgt Ion: 276 Resp: 618875
Ion Ratio Lower Upper
276 100
138 21.3 18.0 27.0
277 25.3 20.0 30.0

Manual Integrations
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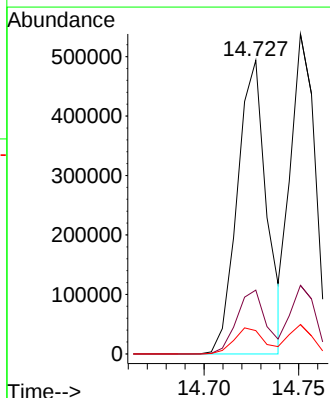
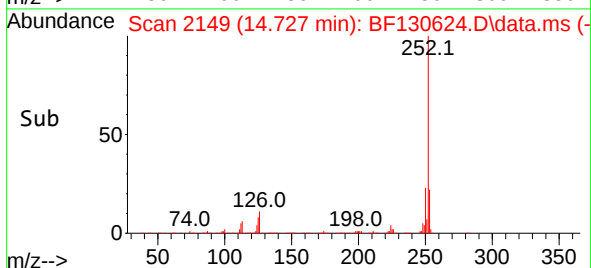
Reviewed By : Christian Giraldo 10/13/2022
Supervised By : Jagrut Upadhyay 10/13/2022

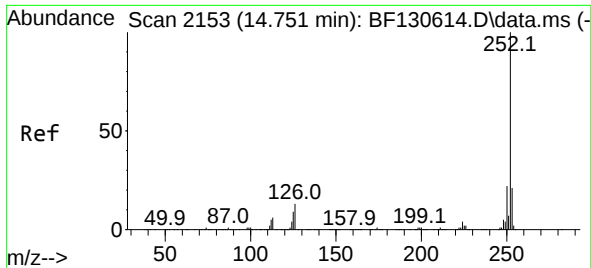


#88
Benzo(b)fluoranthene
Concen: 51.123 ng
RT: 14.727 min Scan# 2149
Delta R.T. 0.006 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55



Tgt Ion: 252 Resp: 531992
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 8.0 7.4 11.0





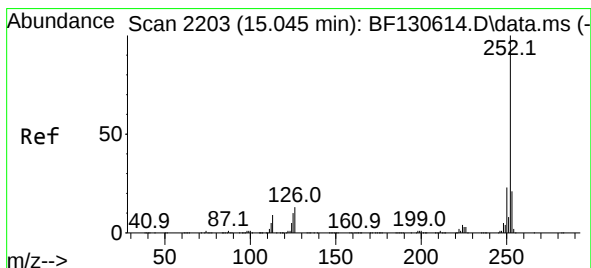
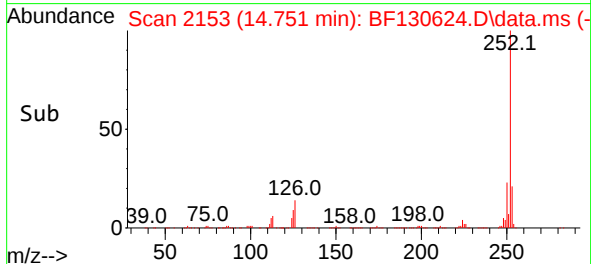
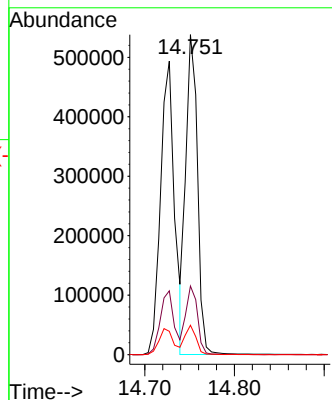
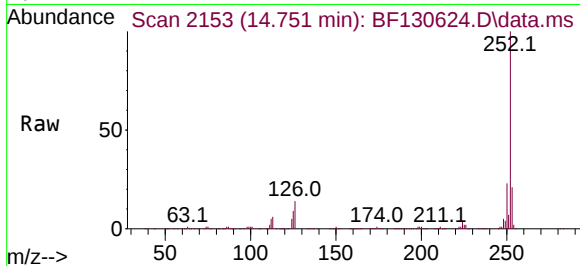
#89
Benzo(k)fluoranthene
Concen: 46.133 ng
RT: 14.751 min Scan# 2153
Delta R.T. 0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

Instrument :
BNA_F
ClientSampleId :
PB148276BS

Tgt Ion:252 Resp: 488812
Ion Ratio Lower Upper
252 100
253 21.4 17.0 25.4
125 9.2 7.2 10.8

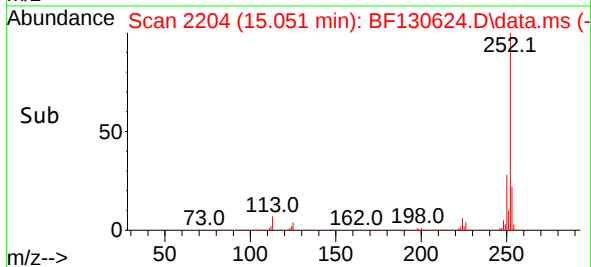
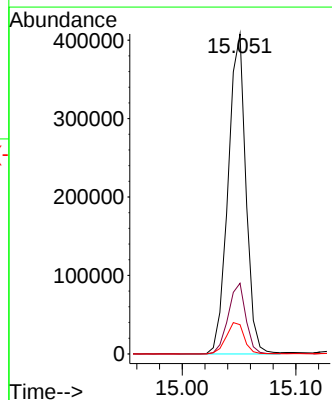
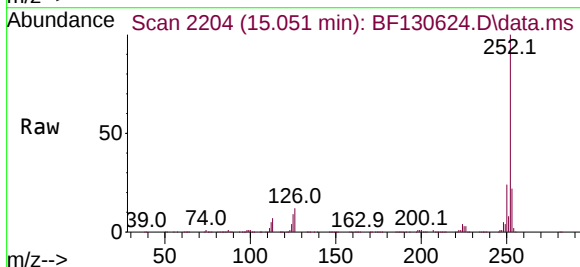
Manual Integrations
APPROVED

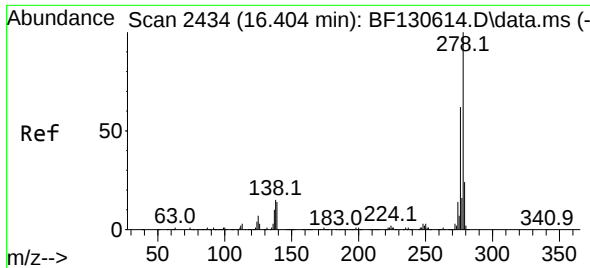
Reviewed By :Christian Giraldo 10/13/2022
Supervised By :Jagrut Upadhyay 10/13/2022



#90
Benzo(a)pyrene
Concen: 51.102 ng
RT: 15.051 min Scan# 2204
Delta R.T. 0.006 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

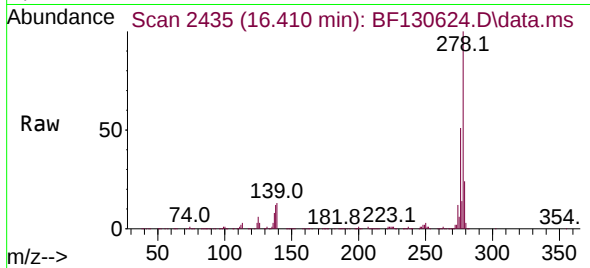
Tgt Ion:252 Resp: 442582
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 9.1 8.4 12.6





#91
Dibenzo(a,h)anthracene
Concen: 53.325 ng
RT: 16.410 min Scan# 2434
Delta R.T. 0.006 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

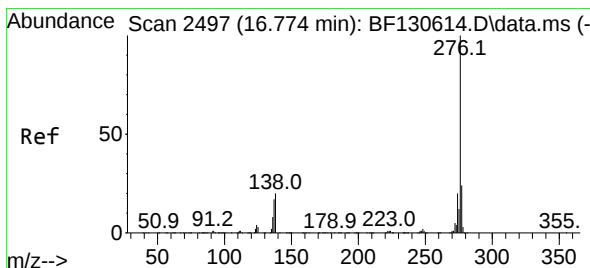
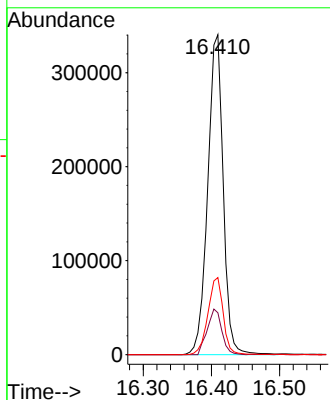
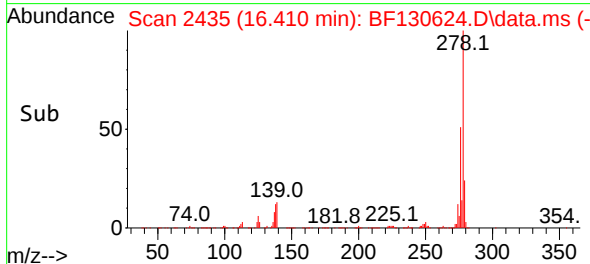
Instrument :
BNA_F
ClientSampleId :
PB148276BS



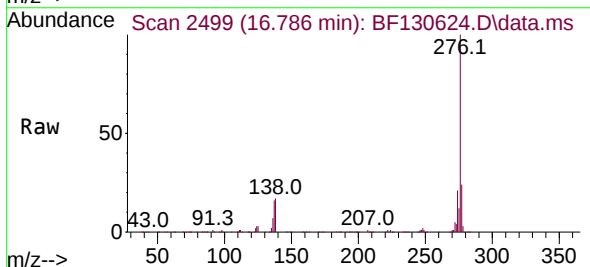
Tgt Ion:278 Resp: 537633
Ion Ratio Lower Upper
278 100
139 13.1 11.1 16.7
279 24.1 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 10/13/2022
Supervised By :Jagrut Upadhyay 10/13/2022



#92
Benzo(g,h,i)perylene
Concen: 57.513 ng
RT: 16.786 min Scan# 2499
Delta R.T. 0.012 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55



Tgt Ion:276 Resp: 540071
Ion Ratio Lower Upper
276 100
277 24.3 18.9 28.3
138 17.4 15.9 23.9

