

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010523\
 Data File : BF131916.D
 Acq On : 05 Jan 2023 15:41
 Operator : CG\JU
 Sample : PB150045BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150045BS

Manual Integrations
 APPROVED

Reviewed By :Christian
 Giraldo
 01/06/2023
 Supervised By :Jagrut
 Upadhyay
 01/06/2023

Quant Time: Jan 06 03:10:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 03:02:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	73082	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	259038	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	151287	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	305828	20.000	ng	0.00
76) Chrysene-d12	14.010	240	190571	20.000	ng	0.00
86) Perylene-d12	15.480	264	147820	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	611133	138.582	ng	0.02
7) Phenol-d6	6.446	99	788868	136.157	ng	0.00
23) Nitrobenzene-d5	7.381	82	543249	83.731	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	236917	144.133	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	958530	86.784	ng	0.00
79) Terphenyl-d14	12.945	244	1220802	108.359	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.587	88	77765	38.027	ng	99
3) Pyridine	3.316	79	217730	37.872	ng	98
4) n-Nitrosodimethylamine	3.293	42	118767	43.936	ng	98
6) Aniline	6.469	93	260299	37.045	ng	98
8) 2-Chlorophenol	6.587	128	208476	44.871	ng	93
9) Benzaldehyde	6.351	77	116552	31.352	ng	95
10) Phenol	6.457	94	294865	42.736	ng	88
11) bis(2-Chloroethyl)ether	6.546	93	219134	44.414	ng	97
12) 1,3-Dichlorobenzene	6.740	146	233885	44.051	ng	97
13) 1,4-Dichlorobenzene	6.822	146	232986	43.542	ng	96
14) 1,2-Dichlorobenzene	6.975	146	222015	44.157	ng	98
15) Benzyl Alcohol	6.951	79	231903	45.643	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.081	45	274422	43.584	ng	95
17) 2-Methylphenol	7.069	107	185224	43.608	ng	97
18) Hexachloroethane	7.316	117	94149	43.574	ng	93
19) n-Nitroso-di-n-propyla...	7.228	70	176252	43.074	ng	99
20) 3+4-Methylphenols	7.222	107	240315	43.362	ng	96
22) Acetophenone	7.222	105	340763	44.871	ng	99
24) Nitrobenzene	7.398	77	280476	43.136	ng	99
25) Isophorone	7.640	82	484913	45.766	ng	99
26) 2-Nitrophenol	7.710	139	112021	44.311	ng	92
27) 2,4-Dimethylphenol	7.751	122	189574	52.570	ng	97
28) bis(2-Chloroethoxy)met...	7.845	93	267675	47.091	ng	98
29) 2,4-Dichlorophenol	7.957	162	190080	43.751	ng	99
30) 1,2,4-Trichlorobenzene	8.034	180	221560	43.012	ng	97
31) Naphthalene	8.116	128	599891	42.287	ng	99
32) Benzoic acid	7.898	122	109465	41.531	ng	93
33) 4-Chloroaniline	8.169	127	158416	29.103	ng	99
34) Hexachlorobutadiene	8.228	225	143934	40.842	ng	97
35) Caprolactam	8.551	113	57418m	44.637	ng	
36) 4-Chloro-3-methylphenol	8.663	107	223035	45.423	ng	99
37) 2-Methylnaphthalene	8.810	142	411041	43.172	ng	100
38) 1-Methylnaphthalene	8.910	142	376194	40.678	ng	98
40) 1,2,4,5-Tetrachloroben...	8.975	216	235632	44.358	ng	99
41) Hexachlorocyclopentadiene	8.957	237	210930	88.080	ng	98
43) 2,4,6-Trichlorophenol	9.092	196	141856	41.695	ng	97

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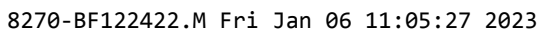
Quant Time: Jan 06 03:10:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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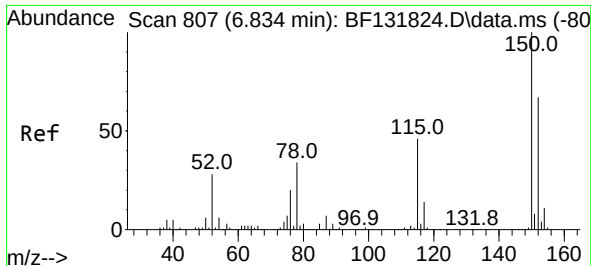
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	155810	42.366	ng	97
46) 1,1'-Biphenyl	9.281	154	515138	44.475	ng	99
47) 2-Chloronaphthalene	9.304	162	409373	42.721	ng	99
48) 2-Nitroaniline	9.410	65	151532	43.143	ng	95
49) Acenaphthylene	9.722	152	624458	43.765	ng	99
50) Dimethylphthalate	9.586	163	496219	43.355	ng	100
51) 2,6-Dinitrotoluene	9.651	165	108926	43.964	ng	96
52) Acenaphthene	9.892	154	366632	42.575	ng	99
53) 3-Nitroaniline	9.822	138	74650	29.570	ng	100
54) 2,4-Dinitrophenol	9.934	184	129125	90.562	ng	97
55) Dibenzofuran	10.069	168	581910	43.860	ng	99
56) 4-Nitrophenol	9.998	139	148960	84.230	ng	92
57) 2,4-Dinitrotoluene	10.063	165	152043	44.872	ng	93
58) Fluorene	10.410	166	463665	42.808	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.186	232	130881m	43.366	ng	
60) Diethylphthalate	10.286	149	478744	43.460	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	251238	44.620	ng	96
62) 4-Nitroaniline	10.445	138	106569	40.505	ng	96
63) Azobenzene	10.563	77	526919	43.100	ng	96
65) 4,6-Dinitro-2-methylph...	10.469	198	85219	40.926	ng	77
66) n-Nitrosodiphenylamine	10.528	169	397412	42.599	ng	98
67) 4-Bromophenyl-phenylether	10.892	248	152670	43.071	ng	93
68) Hexachlorobenzene	10.957	284	170499	43.788	ng	96
69) Atrazine	11.057	200	152023	49.498	ng	97
70) Pentachlorophenol	11.157	266	163398	84.806	ng	98
71) Phenanthrene	11.381	178	702964	41.799	ng	100
72) Anthracene	11.433	178	710908	43.211	ng	98
73) Carbazole	11.592	167	626690	43.148	ng	99
74) Di-n-butylphthalate	11.916	149	735358	41.888	ng	100
75) Fluoranthene	12.575	202	796755	40.673	ng	99
77) Benzidine	12.698	184	200213	63.929	ng	99
78) Pyrene	12.804	202	806728	50.506	ng	98
80) Butylbenzylphthalate	13.422	149	279224	47.130	ng	94
81) Benzo(a)anthracene	13.998	228	609706	44.189	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	132258	33.164	ng	98
83) Chrysene	14.039	228	564731	43.556	ng	100
84) Bis(2-ethylhexyl)phtha...	13.980	149	331883	46.008	ng	98
85) Di-n-octyl phthalate	14.598	149	437729	45.076	ng	100
87) Indeno(1,2,3-cd)pyrene	16.962	276	469207	49.963	ng	99
88) Benzo(b)fluoranthene	15.051	252	494629	45.635	ng	99
89) Benzo(k)fluoranthene	15.086	252	444519	42.446	ng	98
90) Benzo(a)pyrene	15.421	252	397457	47.365	ng	98
91) Dibenzo(a,h)anthracene	16.980	278	391260	50.863	ng	100
92) Benzo(g,h,i)perylene	17.410	276	386224	43.056	ng	97

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

Manual Integrations APPROVED

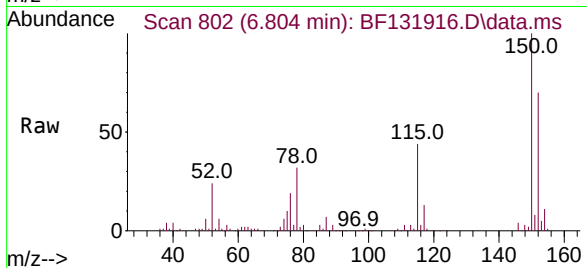
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF131916.D
Acq: 05 Jan 2023 15:41

Instrument :
BNA_F
ClientSampleId :
PB150045BS

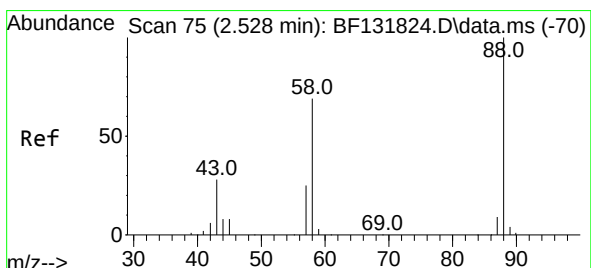
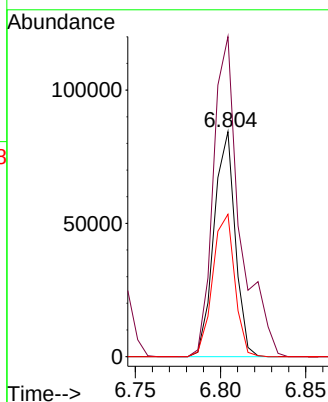
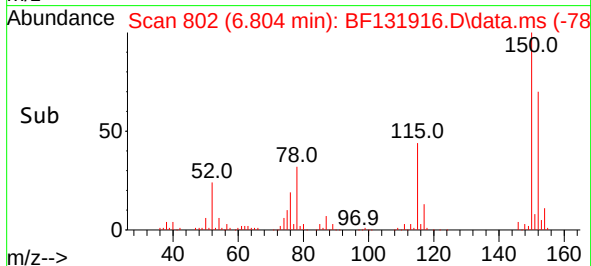


Tgt Ion:152 Resp: 73082
Ion Ratio Lower Upper
152 100
150 142.3 120.0 180.0
115 63.3 55.1 82.7

Manual Integrations
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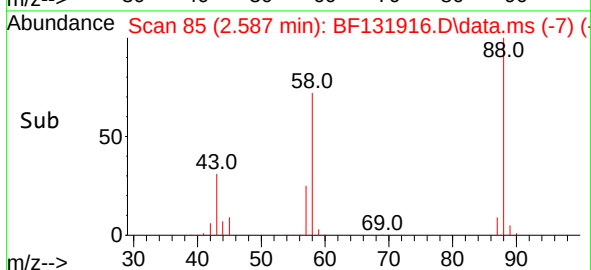
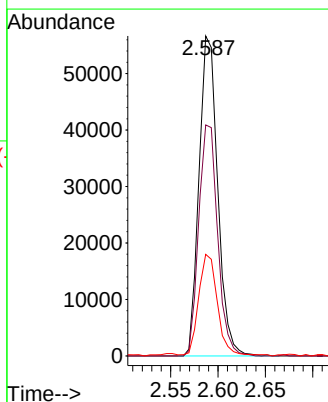
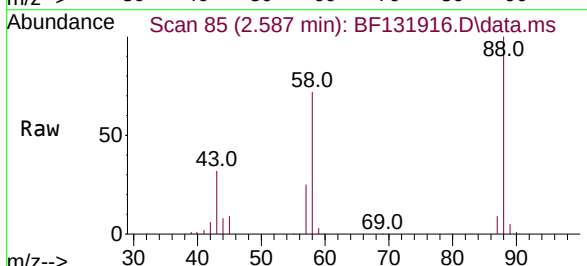
Reviewed By :Christian
Giraldo
01/06/2023

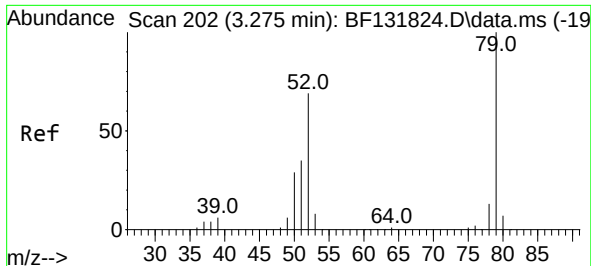
Supervised By :Jagrut
Upadhyay
01/06/2023



#2
1,4-Dioxane
Concen: 38.027 ng
RT: 2.587 min Scan# 85
Delta R.T. 0.106 min
Lab File: BF131916.D
Acq: 05 Jan 2023 15:41

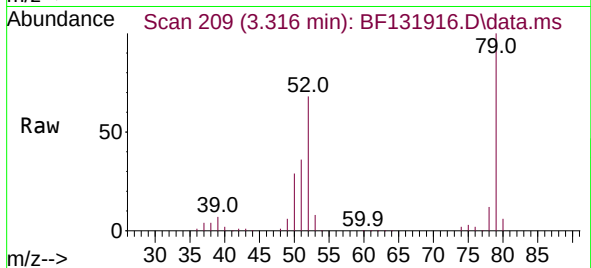
Tgt Ion: 88 Resp: 77765
Ion Ratio Lower Upper
88 100
58 72.9 58.2 87.2
43 32.1 24.2 36.4





#3
Pyridine
Concen: 37.872 ng
RT: 3.316 min Scan# 205
Delta R.T. 0.106 min
Lab File: BF131916.D
Acq: 05 Jan 2023 15:41

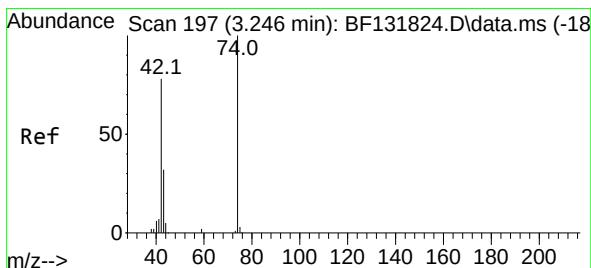
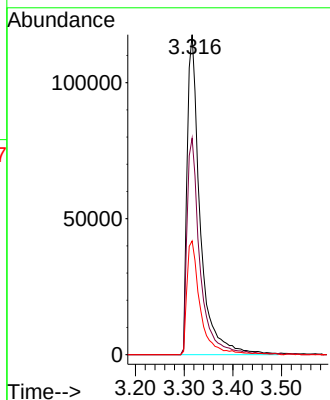
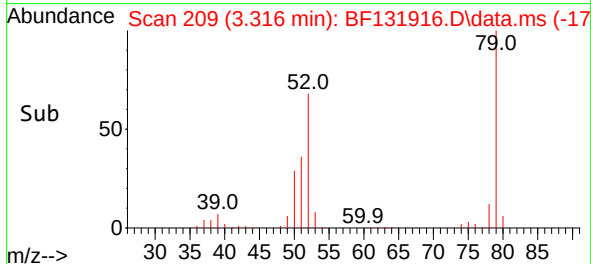
Instrument :
BNA_F
ClientSampleId :
PB150045BS



Tgt Ion: 79 Resp: 217736
Ion Ratio Lower Upper
79 100
52 67.6 55.4 83.2
51 35.5 27.8 41.8

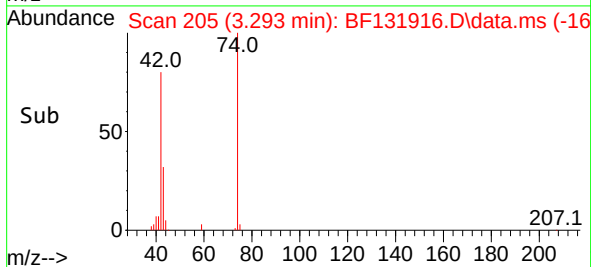
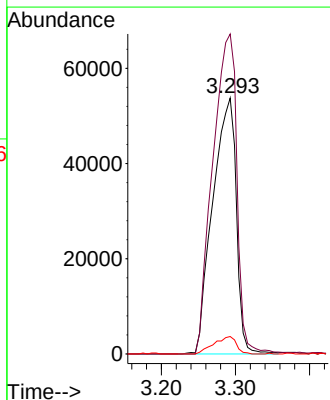
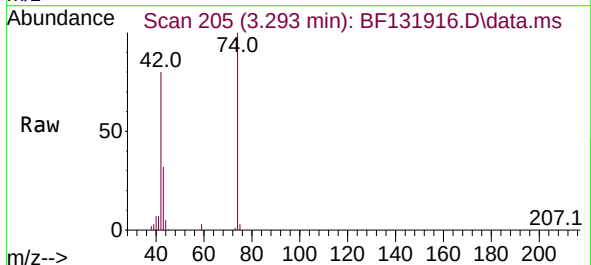
Manual Integrations
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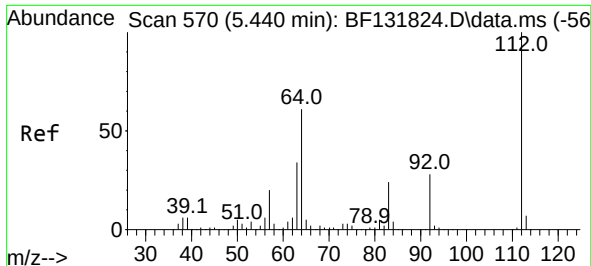
Reviewed By :Christian
Giraldo
01/06/2023
Supervised By :Jagrut
Upadhyay
01/06/2023



#4
n-Nitrosodimethylamine
Concen: 43.936 ng
RT: 3.293 min Scan# 205
Delta R.T. 0.112 min
Lab File: BF131916.D
Acq: 05 Jan 2023 15:41

Tgt Ion: 42 Resp: 118767
Ion Ratio Lower Upper
42 100
74 125.0 102.0 153.0
44 6.8 4.6 7.0





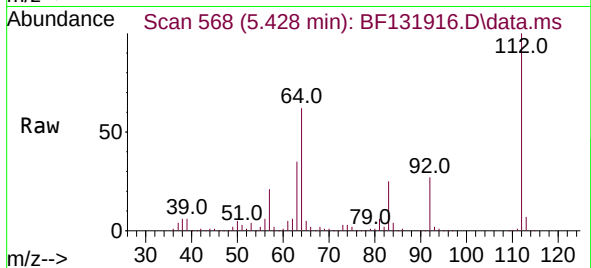
#5
2-Fluorophenol
Concen: 138.582 ng
RT: 5.428 min Scan# 50
Delta R.T. 0.024 min
Lab File: BF131916.D
Acq: 05 Jan 2023 15:41

Instrument :

BNA_F

ClientSampleId :

PB150045BS



Tgt Ion:112 Resp: 611133
Ion Ratio Lower Upper
112 100
64 61.6 49.2 73.8
63 34.7 27.5 41.3

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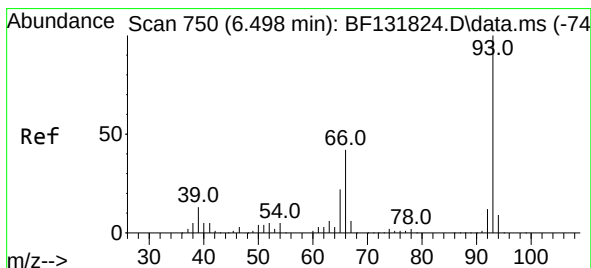
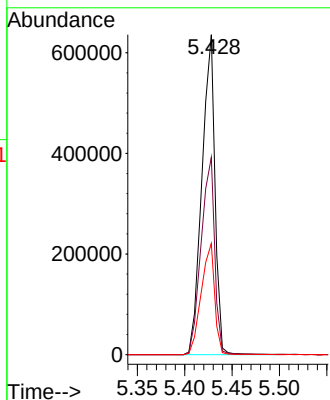
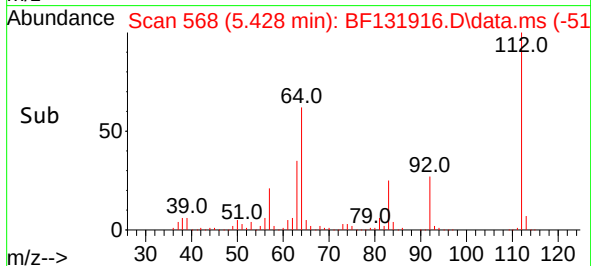
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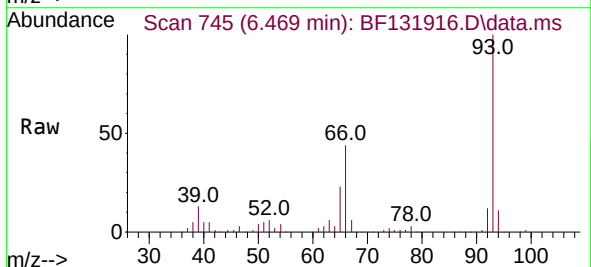
Supervised By :Jagrut

Upadhyay

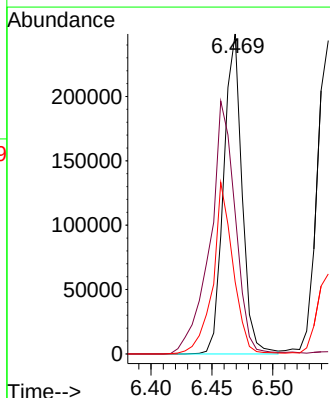
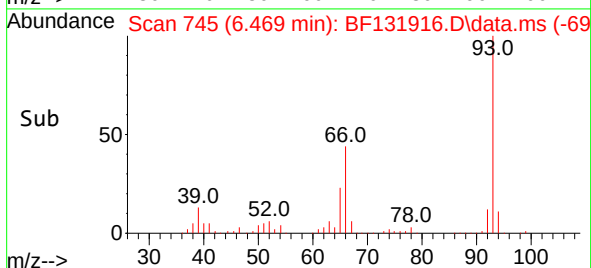
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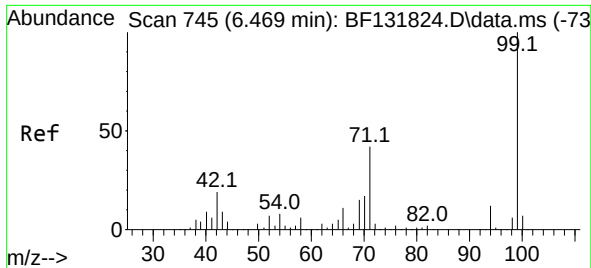


#6
Aniline
Concen: 37.045 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF131916.D
Acq: 05 Jan 2023 15:41



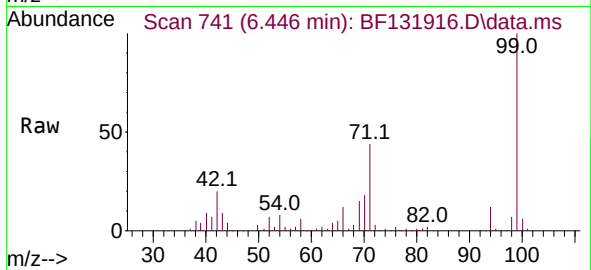
Tgt Ion: 93 Resp: 260299
Ion Ratio Lower Upper
93 100
66 44.0 33.9 50.9
65 22.5 17.4 26.0





#7
Phenol-d6
Concen: 136.157 ng
RT: 6.446 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF131916.D
Acq: 05 Jan 2023 15:41

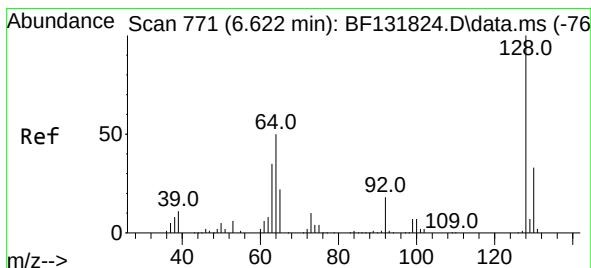
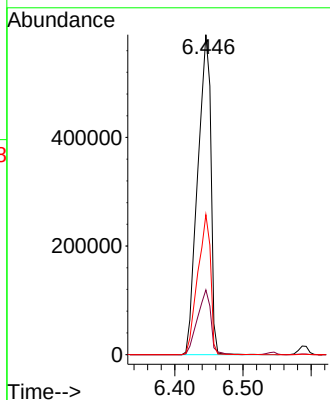
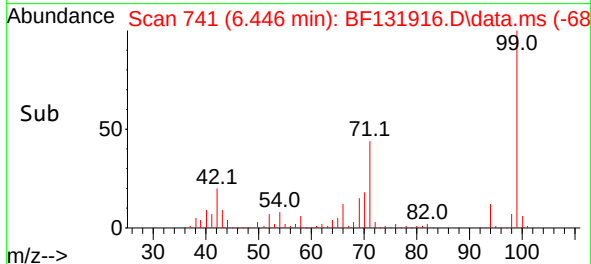
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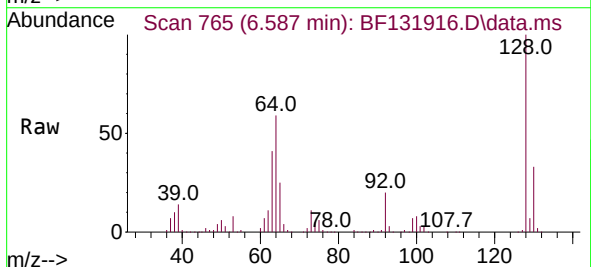
Tgt Ion: 99 Resp: 788868
Ion Ratio Lower Upper
99 100
42 20.2 15.3 22.9
71 43.7 33.5 50.3

Manual Integrations
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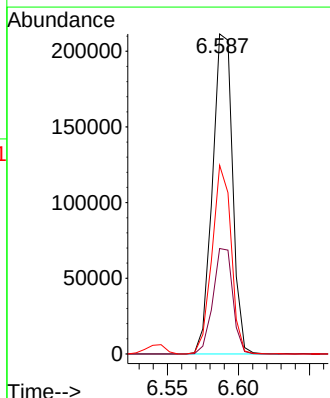
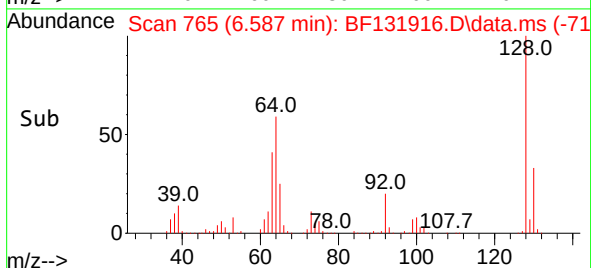
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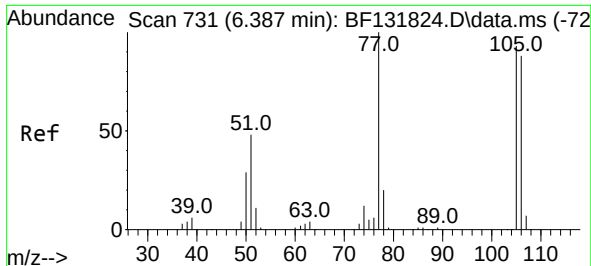


#8
2-Chlorophenol
Concen: 44.871 ng
RT: 6.587 min Scan# 765
Delta R.T. 0.000 min
Lab File: BF131916.D
Acq: 05 Jan 2023 15:41



Tgt Ion:128 Resp: 208476
Ion Ratio Lower Upper
128 100
130 32.9 12.6 52.6
64 58.9 30.7 70.7





#9

Benzaldehyde

Concen: 31.352 ng

RT: 6.351 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF131916.D

Acq: 05 Jan 2023 15:41

Instrument :

BNA_F

ClientSampleId :

PB150045BS

Tgt Ion: 77 Resp: 116552

Ion Ratio Lower Upper

77 100

105 87.7 72.9 112.9

106 83.9 68.5 108.5

Manual Integrations

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Reviewed By :Christian

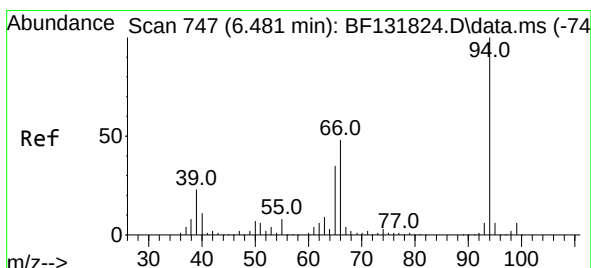
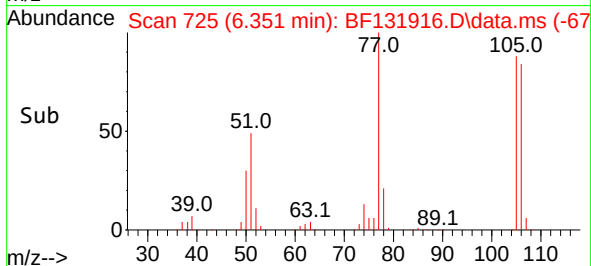
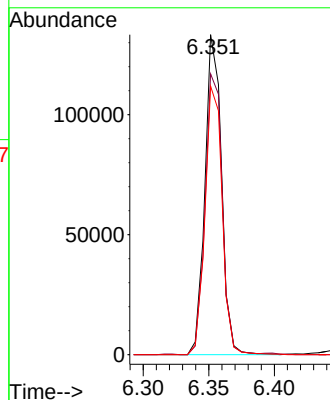
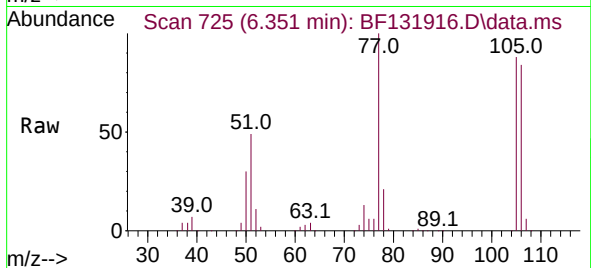
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Upadhyay

01/06/2023



#10

Phenol

Concen: 42.736 ng

RT: 6.457 min Scan# 743

Delta R.T. 0.006 min

Lab File: BF131916.D

Acq: 05 Jan 2023 15:41

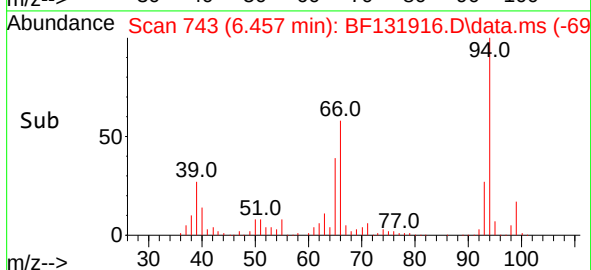
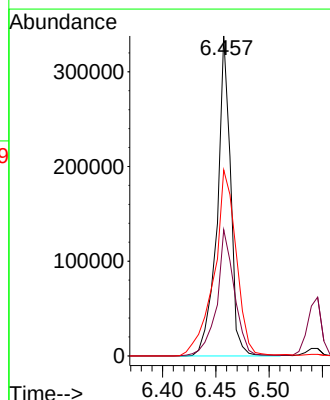
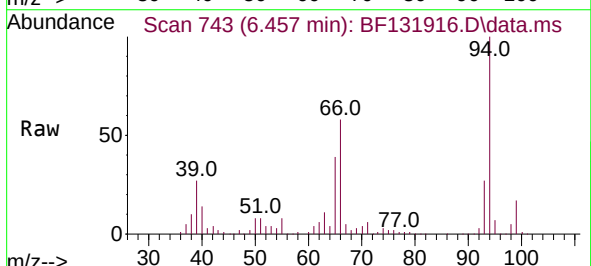
Tgt Ion: 94 Resp: 294865

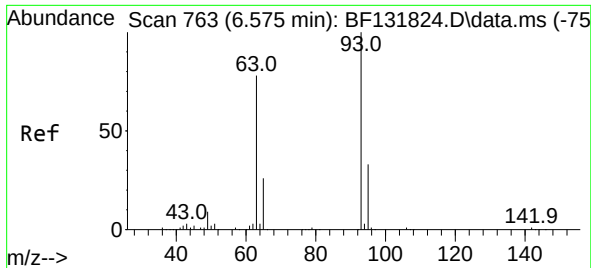
Ion Ratio Lower Upper

94 100

65 39.4 14.6 54.6

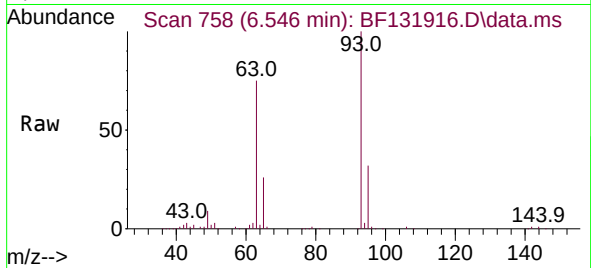
66 58.1 28.2 68.2





#11
bis(2-Chloroethyl)ether
Concen: 44.414 ng
RT: 6.546 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF131916.D
Acq: 05 Jan 2023 15:41

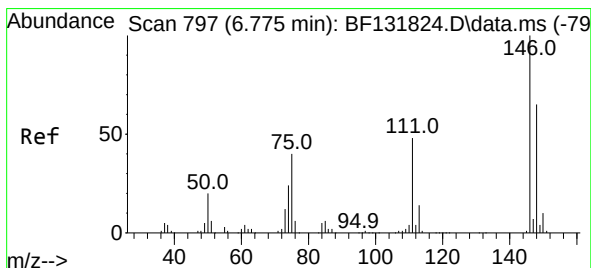
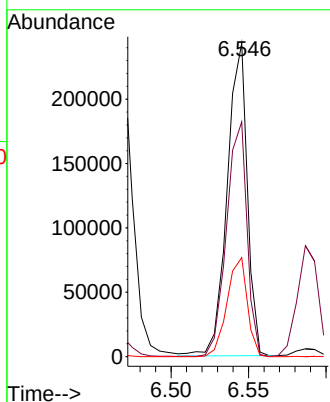
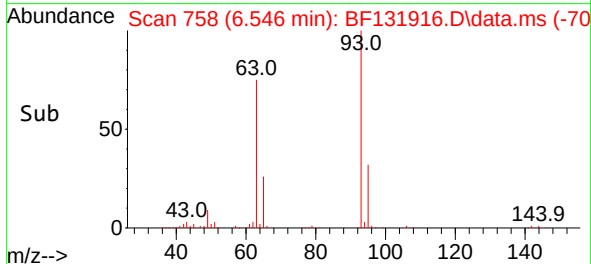
Instrument :
BNA_F
ClientSampleId :
PB150045BS



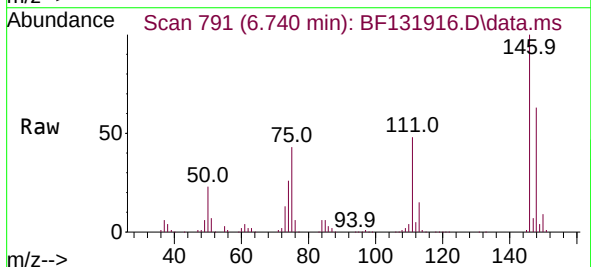
Tgt Ion: 93 Resp: 219134
Ion Ratio Lower Upper
93 100
63 74.9 57.6 97.6
95 31.6 12.7 52.7

Manual Integrations
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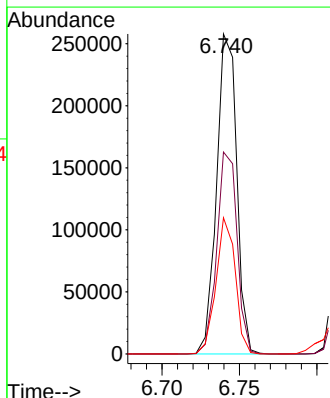
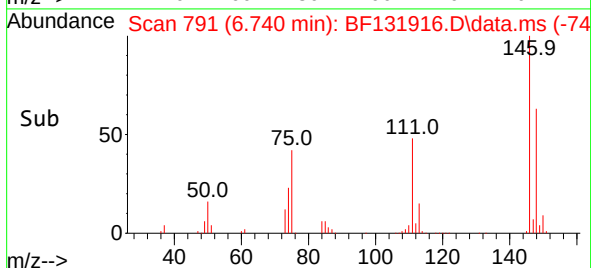
Reviewed By :Christian
Giraldo
01/06/2023
Supervised By :Jagrut
Upadhyay
01/06/2023

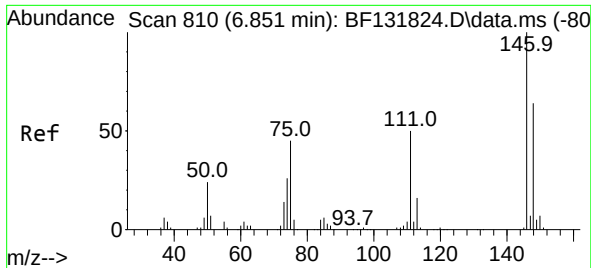


#12
1,3-Dichlorobenzene
Concen: 44.051 ng
RT: 6.740 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF131916.D
Acq: 05 Jan 2023 15:41



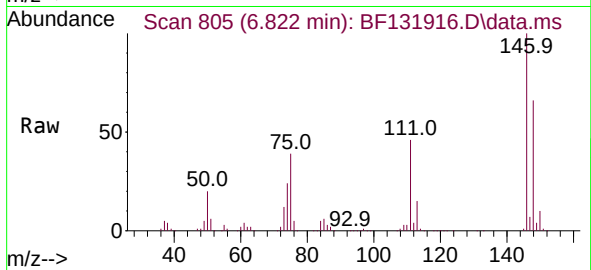
Tgt Ion:146 Resp: 233885
Ion Ratio Lower Upper
146 100
148 63.1 51.8 77.6
75 42.5 32.2 48.4





#13
1,4-Dichlorobenzene
Concen: 43.542 ng
RT: 6.822 min Scan# 805
Delta R.T. 0.000 min
Lab File: BF131916.D
Acq: 05 Jan 2023 15:41

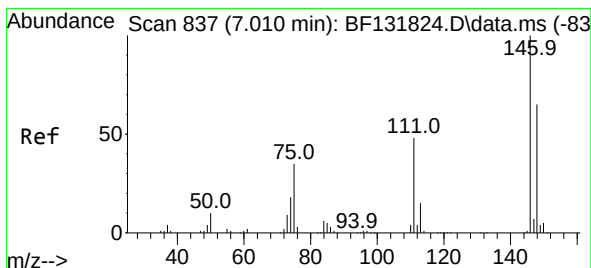
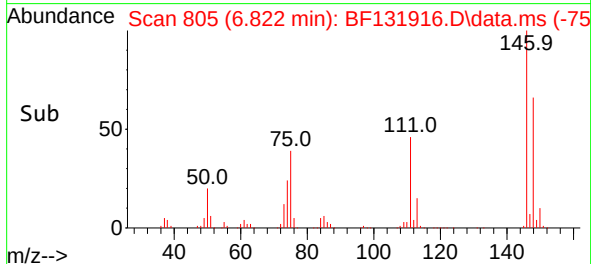
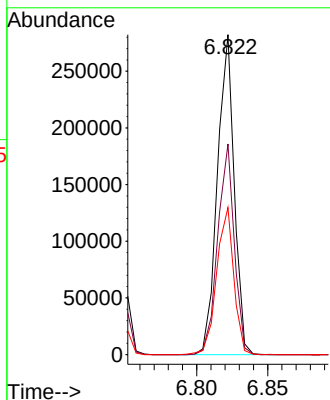
Instrument :
BNA_F
ClientSampleId :
PB150045BS



Tgt Ion:146 Resp: 232986
Ion Ratio Lower Upper
146 100
148 65.8 51.3 76.9
111 46.0 40.1 60.1

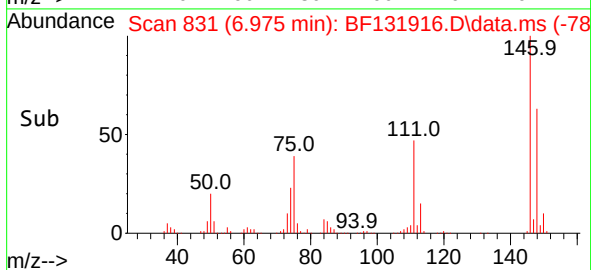
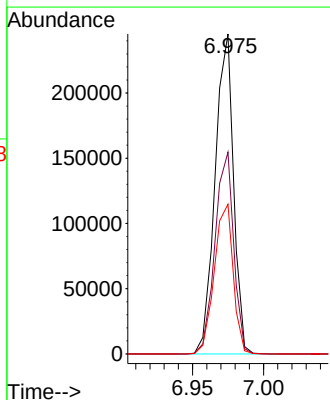
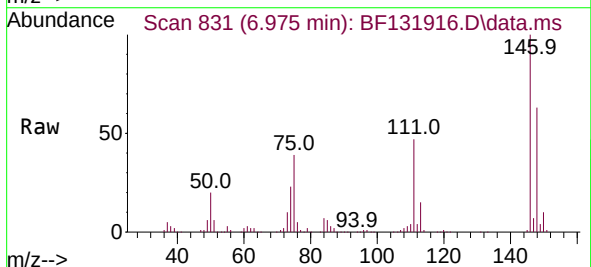
Manual Integrations
APPROVED

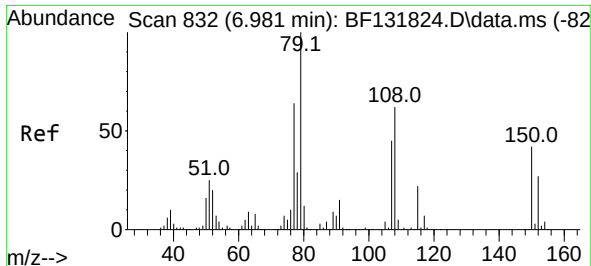
Reviewed By :Christian
Giraldo
01/06/2023
Supervised By :Jagrut
Upadhyay
01/06/2023



#14
1,2-Dichlorobenzene
Concen: 44.157 ng
RT: 6.975 min Scan# 831
Delta R.T. 0.000 min
Lab File: BF131916.D
Acq: 05 Jan 2023 15:41

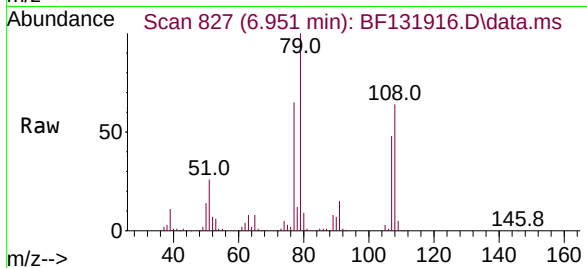
Tgt Ion:146 Resp: 222015
Ion Ratio Lower Upper
146 100
148 63.0 52.2 78.4
111 46.8 38.2 57.4





#15
Benzyl Alcohol
Concen: 45.643 ng
RT: 6.951 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF131916.D
Acq: 05 Jan 2023 15:41

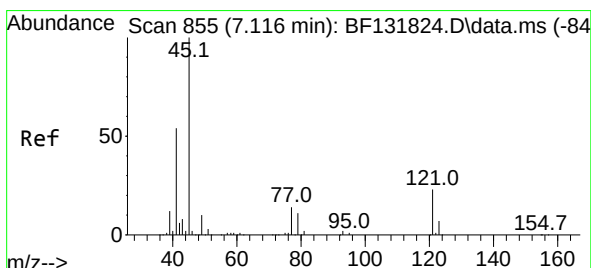
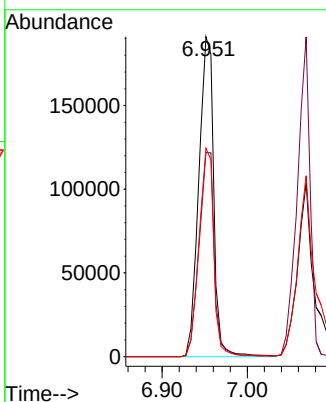
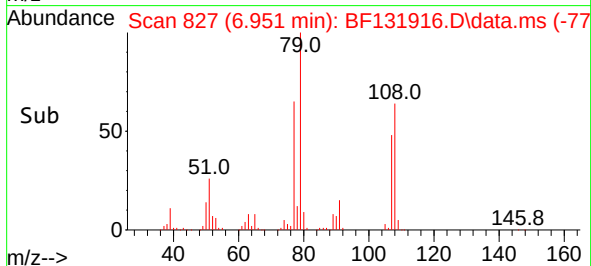
Instrument :
BNA_F
ClientSampleId :
PB150045BS



Tgt Ion: 79 Resp: 231903
Ion Ratio Lower Upper
79 100
108 63.8 49.8 74.8
77 65.1 51.4 77.0

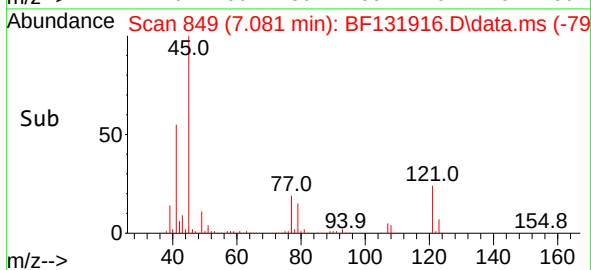
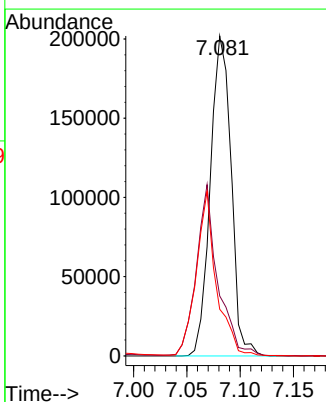
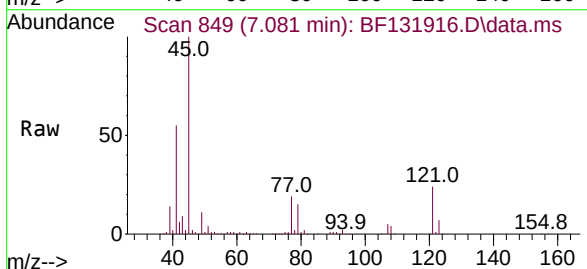
Manual Integrations
APPROVED

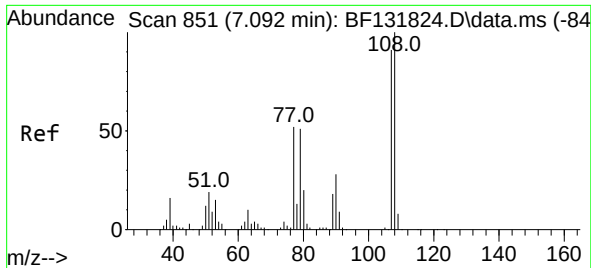
Reviewed By :Christian
Giraldo
01/06/2023
Supervised By :Jagrut
Upadhyay
01/06/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.584 ng
RT: 7.081 min Scan# 849
Delta R.T. 0.000 min
Lab File: BF131916.D
Acq: 05 Jan 2023 15:41

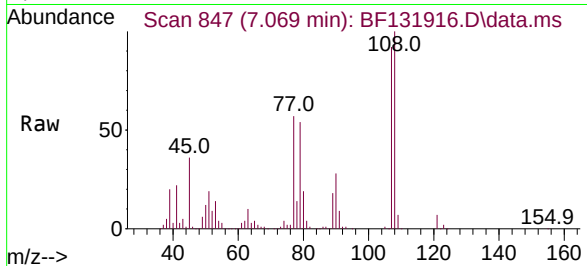
Tgt Ion: 45 Resp: 274422
Ion Ratio Lower Upper
45 100
77 18.7 0.0 36.1
79 14.6 0.0 33.3





#17
2-Methylphenol
Concen: 43.608 ng
RT: 7.069 min Scan# 847
Delta R.T. 0.006 min
Lab File: BF131916.D
Acq: 05 Jan 2023 15:41

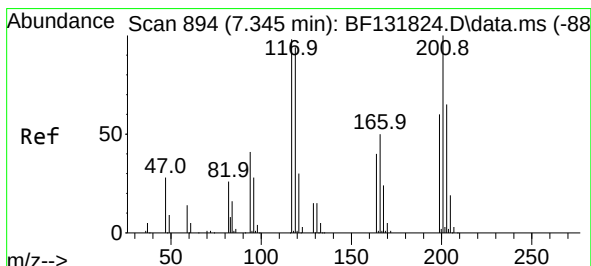
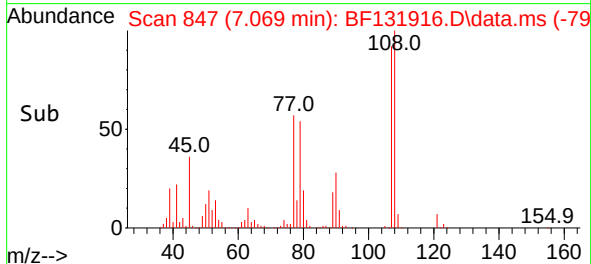
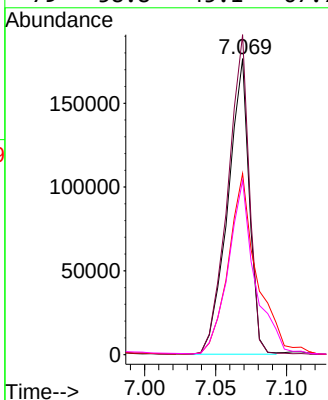
Instrument :
BNA_F
ClientSampleId :
PB150045BS



Tgt Ion:107 Resp: 185224
Ion Ratio Lower Upper
107 100
108 108.1 87.6 131.4
77 61.2 45.8 68.8
79 58.8 45.1 67.7

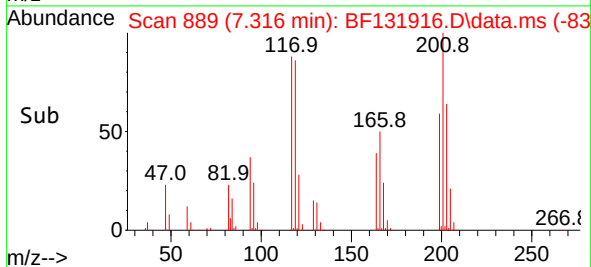
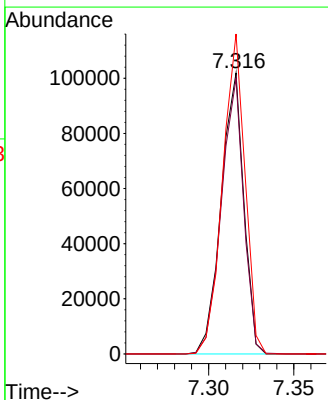
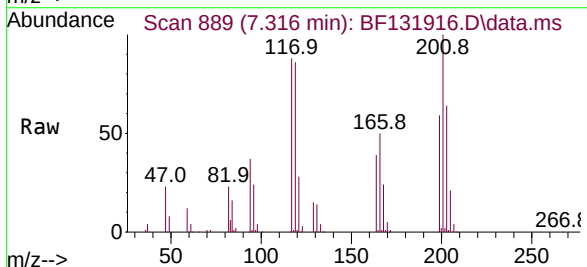
Manual Integrations
APPROVED

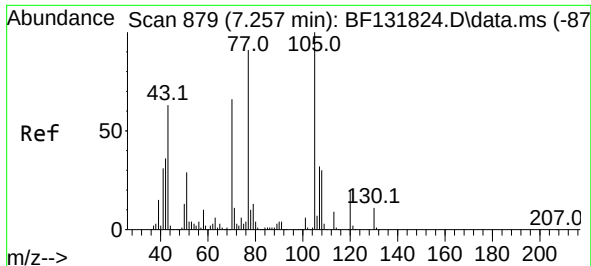
Reviewed By :Christian
Giraldo
01/06/2023
Supervised By :Jagrut
Upadhyay
01/06/2023



#18
Hexachloroethane
Concen: 43.574 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF131916.D
Acq: 05 Jan 2023 15:41

Tgt Ion:117 Resp: 94149
Ion Ratio Lower Upper
117 100
119 98.0 76.5 114.7
201 114.0 81.7 122.5





#19

n-Nitroso-di-n-propylamine

Concen: 43.074 ng

RT: 7.228 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF131916.D

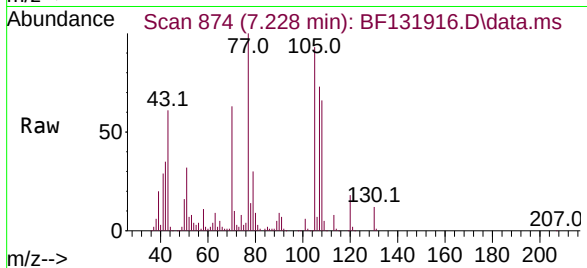
Acq: 05 Jan 2023 15:41

Instrument :

BNA_F

ClientSampleId :

PB150045BS



Tgt Ion: 70 Resp: 176252

Ion Ratio Lower Upper

70 100

42 55.5 43.8 65.6

101 9.2 7.4 11.0

130 18.7 13.8 20.6

Manual Integrations

APPROVED

Reviewed By :Christian

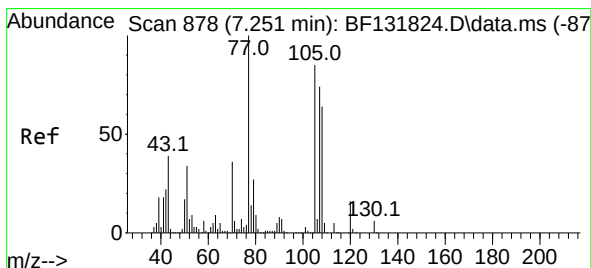
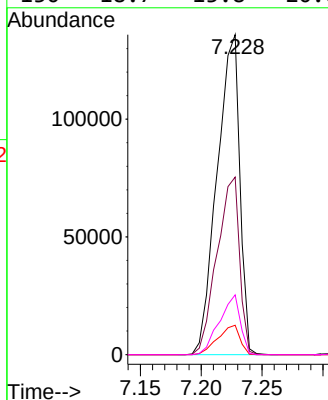
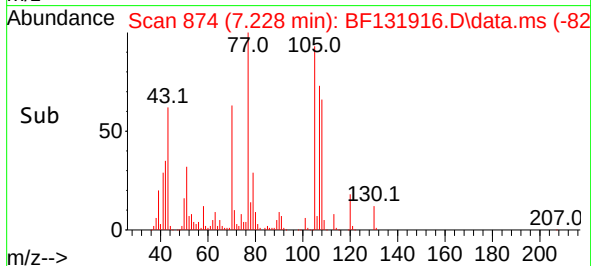
Giraldo

01/06/2023

Supervised By :Jagrut

Upadhyay

01/06/2023



#20

3+4-Methylphenols

Concen: 43.362 ng

RT: 7.222 min Scan# 873

Delta R.T. 0.000 min

Lab File: BF131916.D

Acq: 05 Jan 2023 15:41

Tgt Ion:107 Resp: 240315

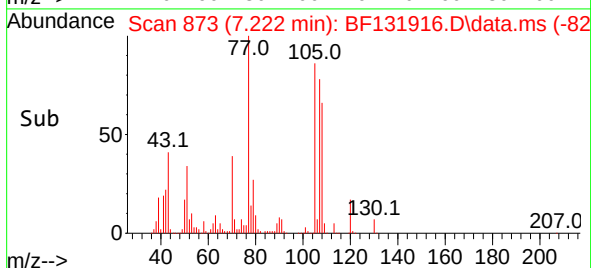
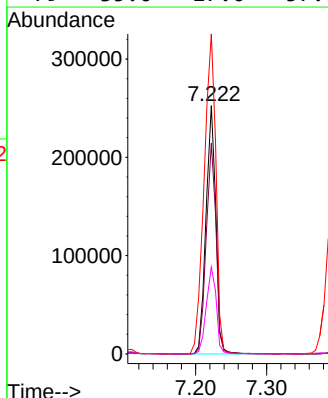
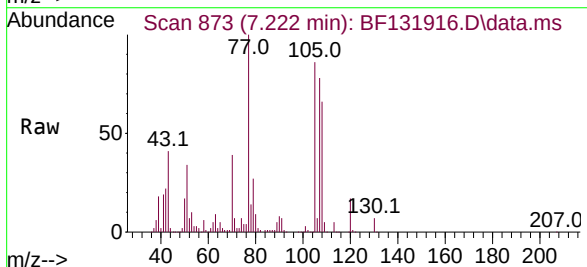
Ion Ratio Lower Upper

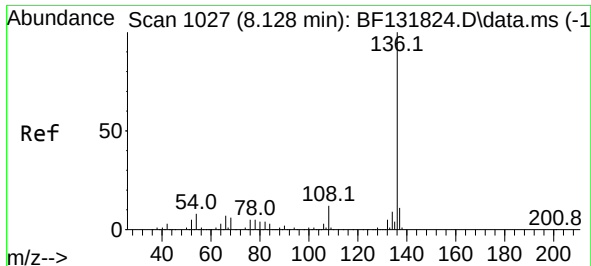
107 100

108 84.9 67.1 107.1

77 128.9 114.9 154.9

79 35.0 17.0 57.0





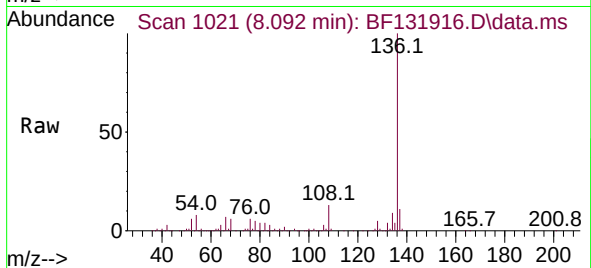
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF131916.D
Acq: 05 Jan 2023 15:41

Instrument :

BNA_F

ClientSampleId :

PB150045BS

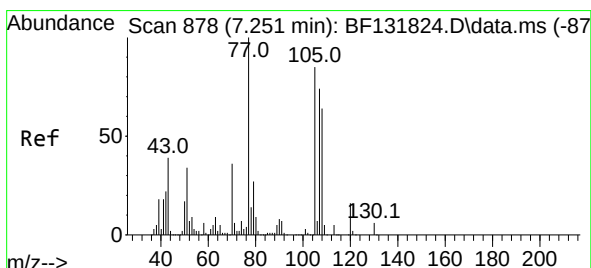
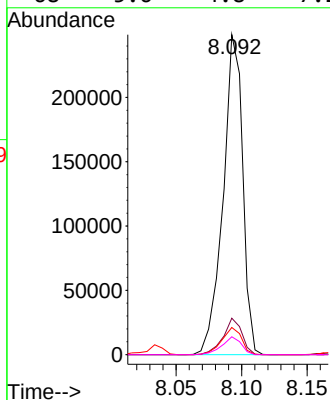
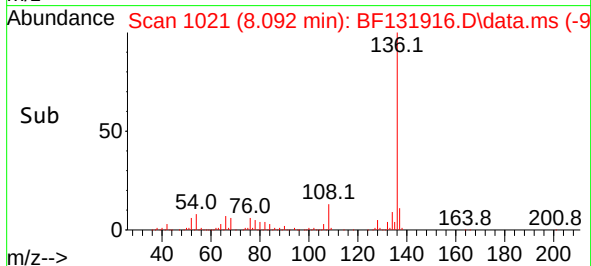


Tgt Ion:136 Resp: 259038
Ion Ratio Lower Upper
136 100
137 11.4 8.6 12.8
54 8.5 6.7 10.1
68 5.6 4.8 7.2

Manual Integrations
APPROVED

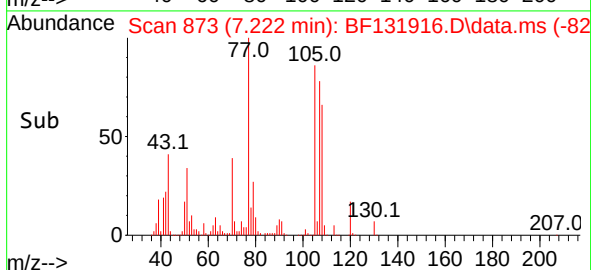
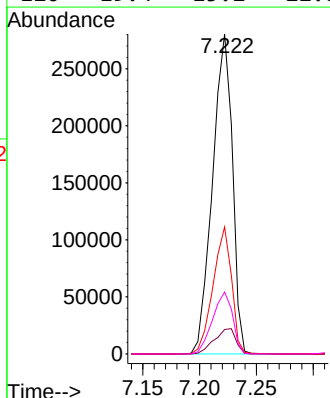
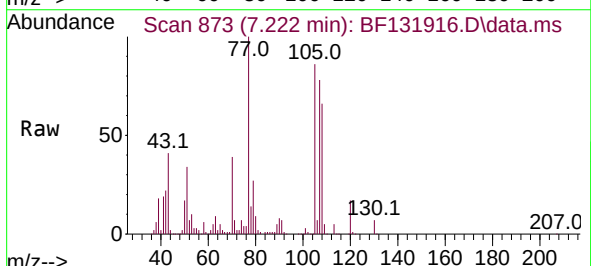
Reviewed By :Christian
Giraldo
01/06/2023

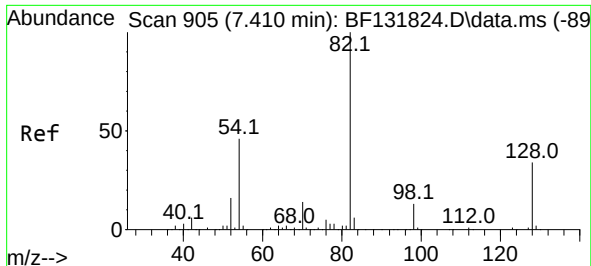
Supervised By :Jagrut
Upadhyay
01/06/2023



#22
Acetophenone
Concen: 44.871 ng
RT: 7.222 min Scan# 873
Delta R.T. 0.000 min
Lab File: BF131916.D
Acq: 05 Jan 2023 15:41

Tgt Ion:105 Resp: 340763
Ion Ratio Lower Upper
105 100
71 7.6 5.4 8.0
51 39.7 31.9 47.9
120 19.4 15.2 22.8





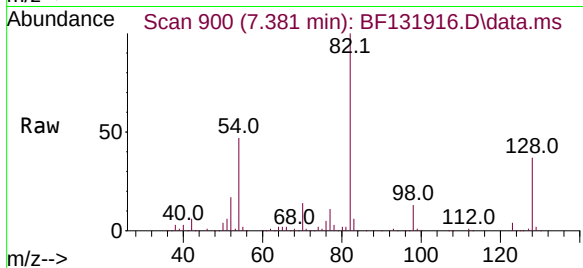
#23
Nitrobenzene-d5
Concen: 83.731 ng
RT: 7.381 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF131916.D
Acq: 05 Jan 2023 15:41

Instrument :

BNA_F

ClientSampleId :

PB150045BS

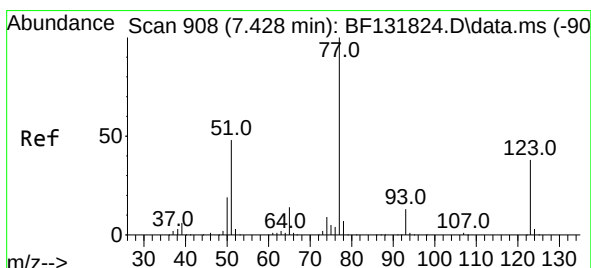
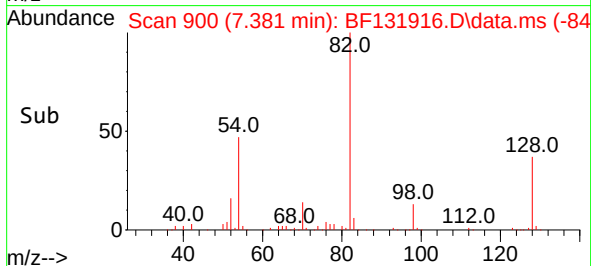
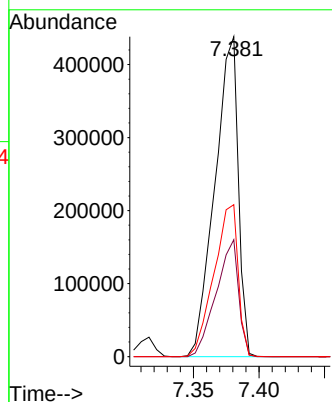


Tgt Ion: 82 Resp: 543249
Ion Ratio Lower Upper
82 100
128 36.5 27.1 40.7
54 47.5 37.0 55.6

Manual Integrations
APPROVED

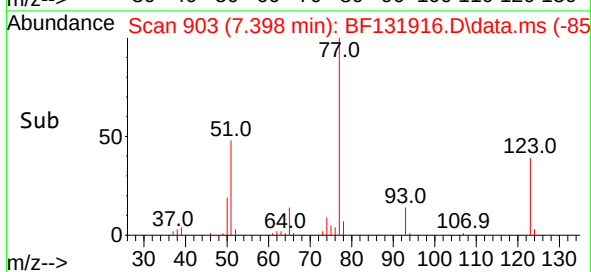
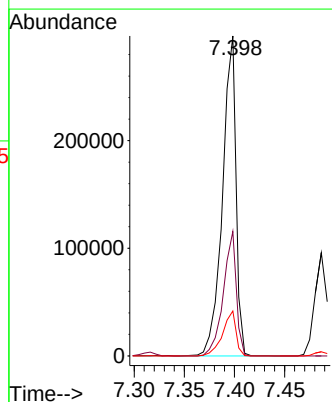
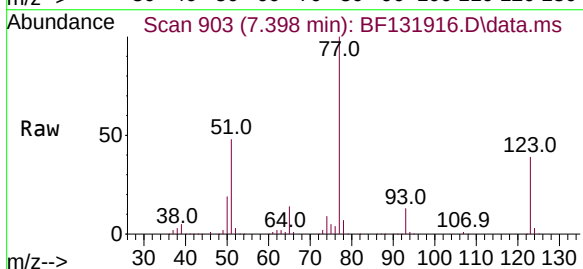
Reviewed By :Christian
Giraldo
01/06/2023

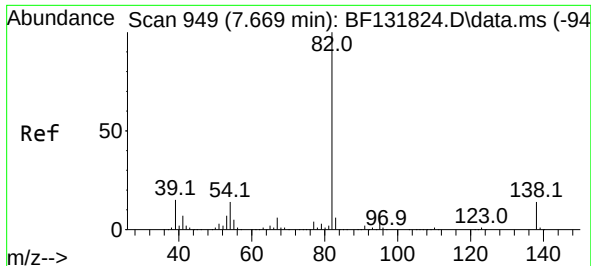
Supervised By :Jagrut
Upadhyay
01/06/2023



#24
Nitrobenzene
Concen: 43.136 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF131916.D
Acq: 05 Jan 2023 15:41

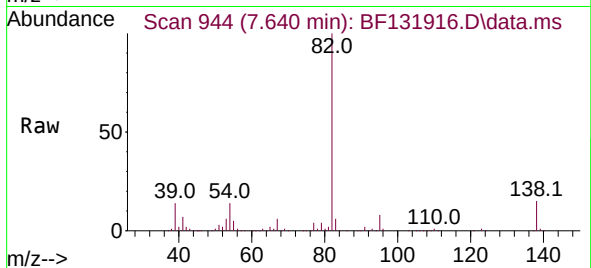
Tgt Ion: 77 Resp: 280476
Ion Ratio Lower Upper
77 100
123 38.9 30.4 45.6
65 14.0 11.1 16.7





#25
Isophorone
Concen: 45.766 ng
RT: 7.640 min Scan# 94
Delta R.T. 0.006 min
Lab File: BF131916.D
Acq: 05 Jan 2023 15:41

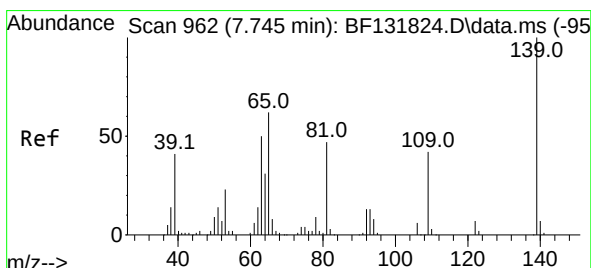
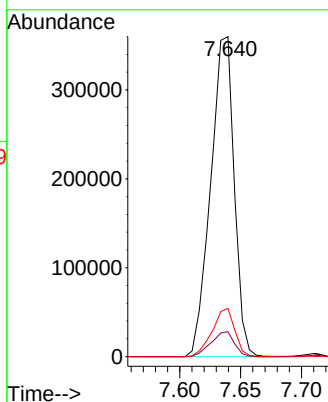
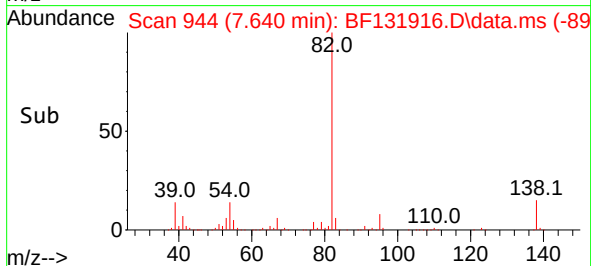
Instrument :
BNA_F
ClientSampleId :
PB150045BS



Tgt Ion: 82 Resp: 484913
Ion Ratio Lower Upper
82 100
95 7.8 6.2 9.4
138 15.1 11.5 17.3

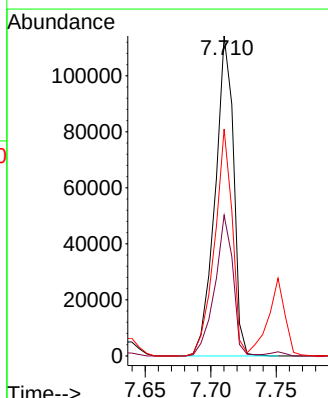
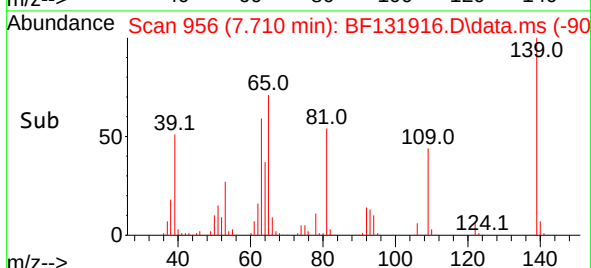
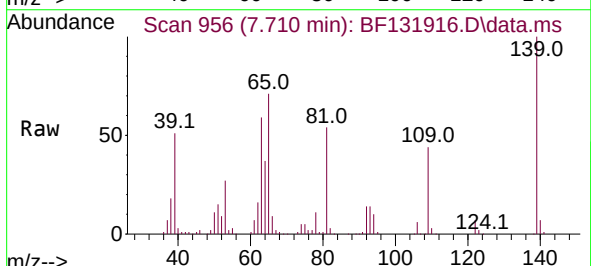
Manual Integrations
APPROVED

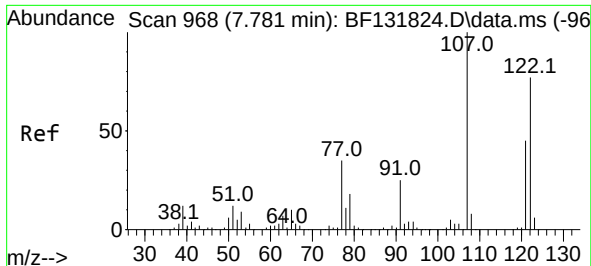
Reviewed By :Christian
Giraldo
01/06/2023
Supervised By :Jagrut
Upadhyay
01/06/2023



#26
2-Nitrophenol
Concen: 44.311 ng
RT: 7.710 min Scan# 956
Delta R.T. 0.000 min
Lab File: BF131916.D
Acq: 05 Jan 2023 15:41

Tgt Ion:139 Resp: 112021
Ion Ratio Lower Upper
139 100
109 43.9 33.7 50.5
65 70.9 49.4 74.2





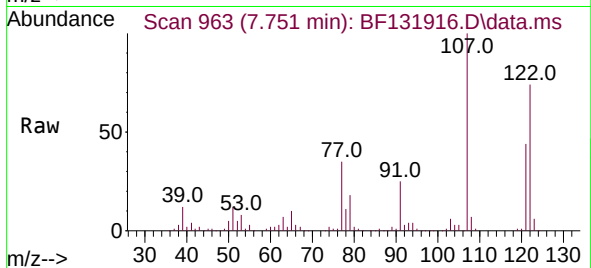
#27
2,4-Dimethylphenol
Concen: 52.570 ng
RT: 7.751 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF131916.D
Acq: 05 Jan 2023 15:41

Instrument :

BNA_F

ClientSampleId :

PB150045BS



Tgt Ion:122 Resp: 189574
Ion Ratio Lower Upper
122 100
107 134.6 104.4 156.6
121 59.3 46.8 70.2

Manual Integrations
APPROVED

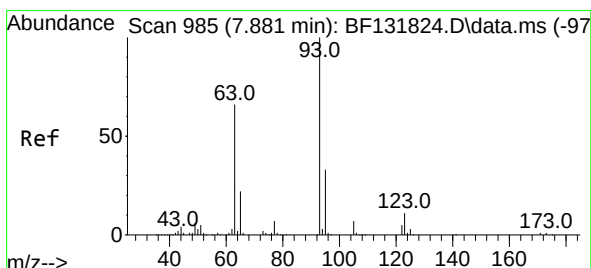
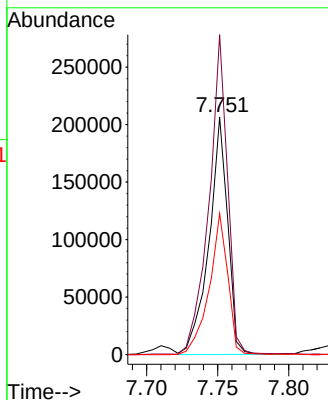
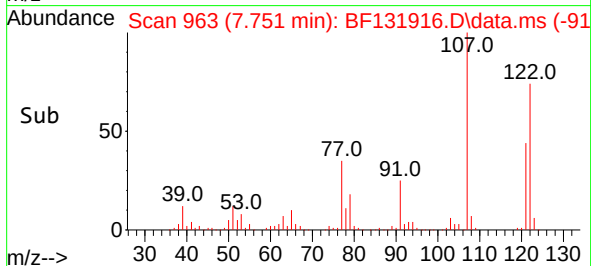
Reviewed By :Christian
Giraldo

01/06/2023

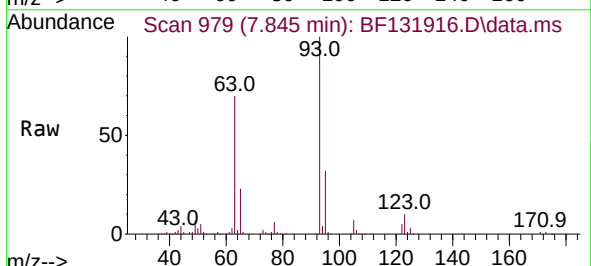
Supervised By :Jagrut

Upadhyay

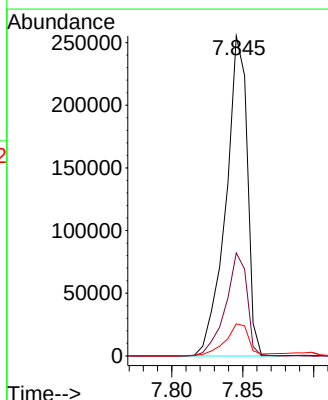
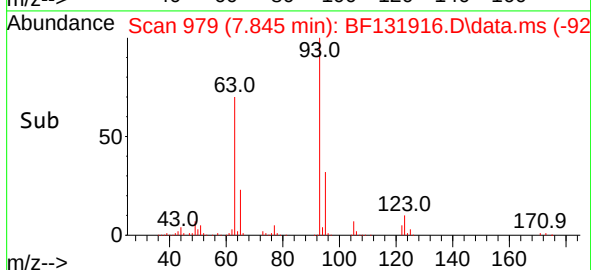
01/06/2023

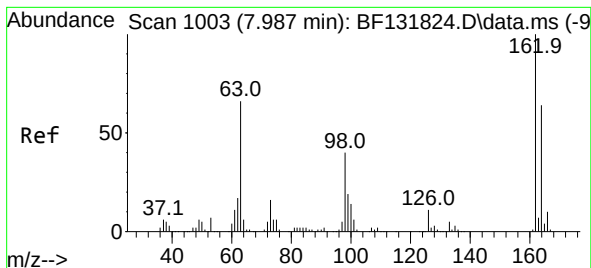


#28
bis(2-Chloroethoxy)methane
Concen: 47.091 ng
RT: 7.845 min Scan# 979
Delta R.T. 0.000 min
Lab File: BF131916.D
Acq: 05 Jan 2023 15:41



Tgt Ion: 93 Resp: 267675
Ion Ratio Lower Upper
93 100
95 32.2 26.3 39.5
123 10.0 8.7 13.1





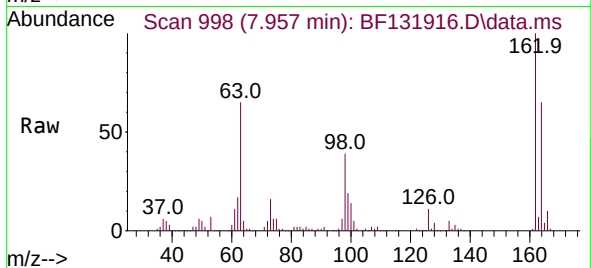
#29
2,4-Dichlorophenol
Concen: 43.751 ng
RT: 7.957 min Scan# 998
Delta R.T. 0.000 min
Lab File: BF131916.D
Acq: 05 Jan 2023 15:41

Instrument :

BNA_F

ClientSampleId :

PB150045BS



Tgt Ion:162 Resp: 190080
Ion Ratio Lower Upper
162 100
164 64.8 44.1 84.1
98 39.5 19.9 59.9

Manual Integrations
APPROVED

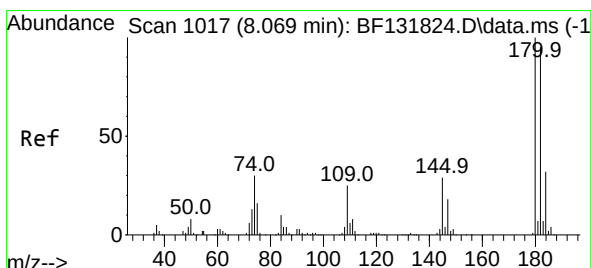
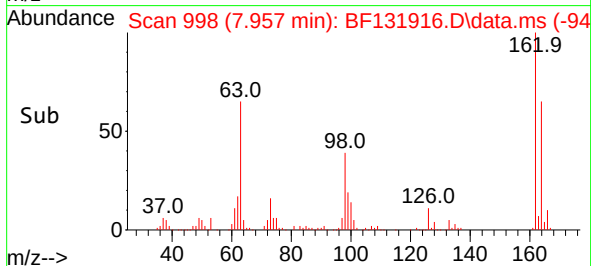
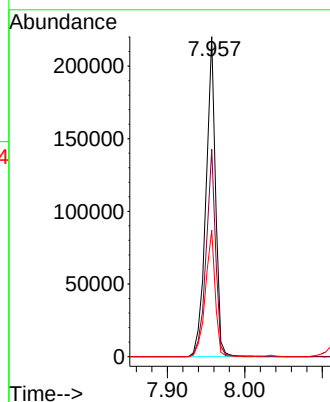
Reviewed By :Christian
Giraldo

01/06/2023

Supervised By :Jagrut

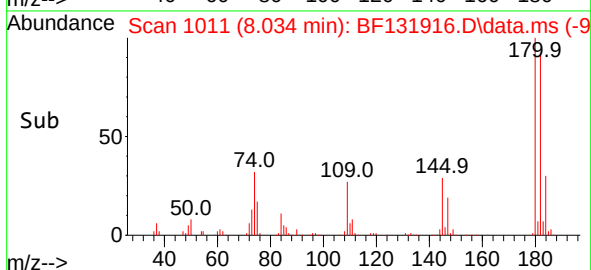
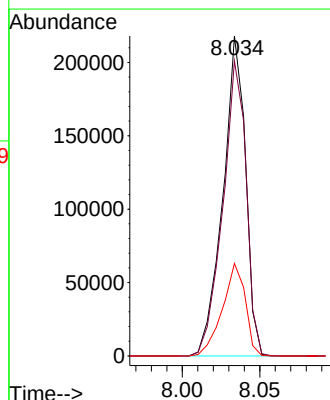
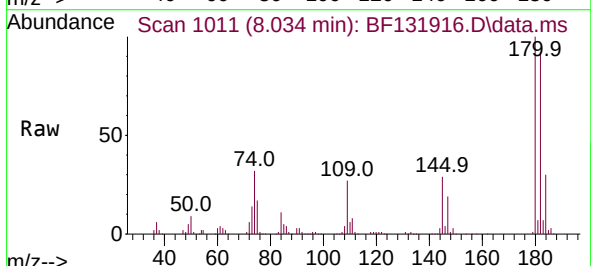
Upadhyay

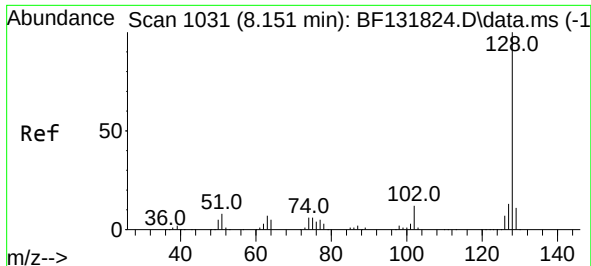
01/06/2023



#30
1,2,4-Trichlorobenzene
Concen: 43.012 ng
RT: 8.034 min Scan# 1011
Delta R.T. 0.000 min
Lab File: BF131916.D
Acq: 05 Jan 2023 15:41

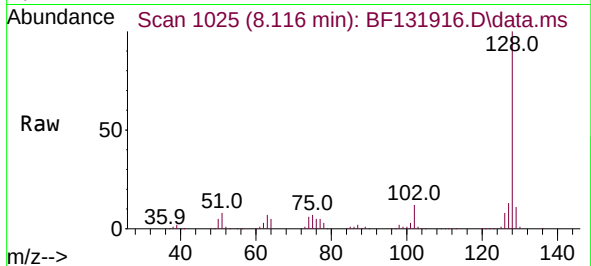
Tgt Ion:180 Resp: 221560
Ion Ratio Lower Upper
180 100
182 92.2 76.2 114.4
145 28.9 23.3 34.9





#31
Naphthalene
Concen: 42.287 ng
RT: 8.116 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF131916.D
Acq: 05 Jan 2023 15:41

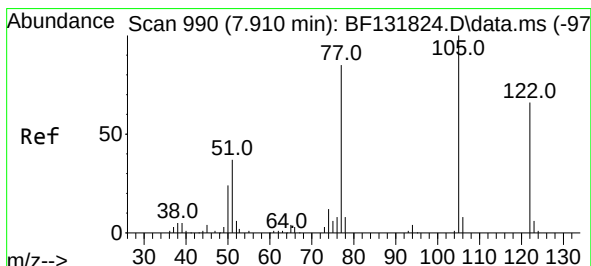
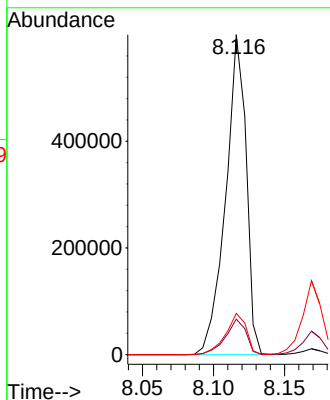
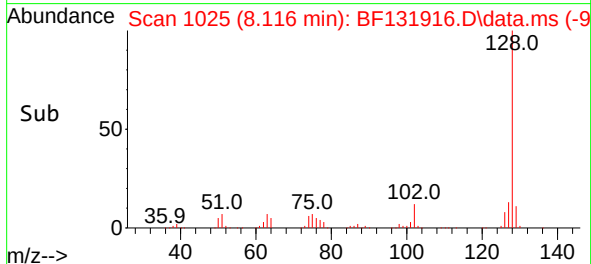
Instrument :
BNA_F
ClientSampleId :
PB150045BS



Tgt Ion:128 Resp: 599891
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 12.9 10.6 15.8

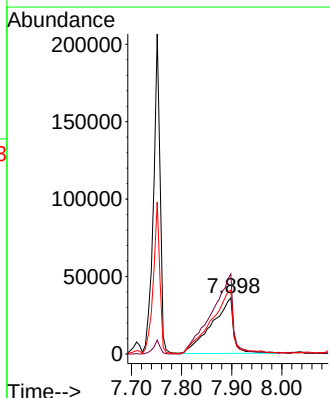
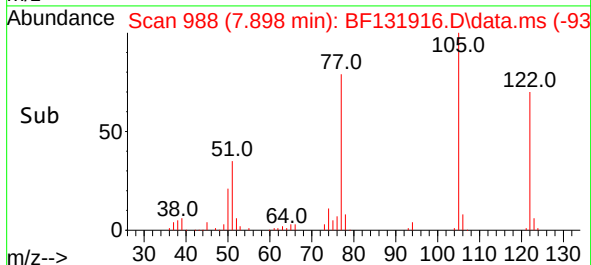
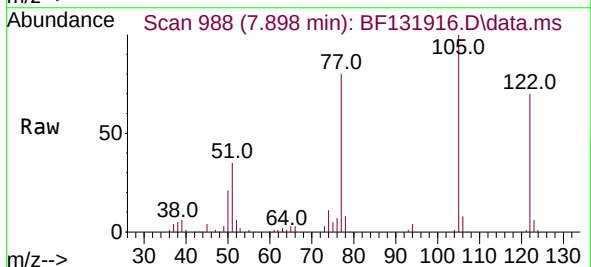
Manual Integrations
APPROVED

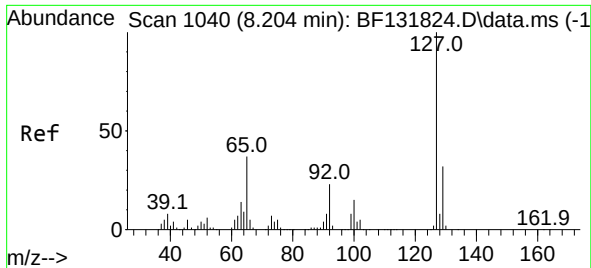
Reviewed By :Christian
Giraldo
01/06/2023
Supervised By :Jagrut
Upadhyay
01/06/2023



#32
Benzoic acid
Concen: 41.531 ng
RT: 7.898 min Scan# 988
Delta R.T. 0.018 min
Lab File: BF131916.D
Acq: 05 Jan 2023 15:41

Tgt Ion:122 Resp: 109465
Ion Ratio Lower Upper
122 100
105 143.1 127.9 167.9
77 114.0 106.9 146.9





#33
4-Chloroaniline
Concen: 29.103 ng
RT: 8.169 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF131916.D
Acq: 05 Jan 2023 15:41

Instrument :

BNA_F

ClientSampleId :

PB150045BS

Tgt Ion:127 Resp: 158416
Ion Ratio Lower Upper
127 100
129 31.6 25.8 38.8
65 37.7 29.7 44.5
92 22.8 18.5 27.7

Manual Integrations
APPROVED

Reviewed By :Christian

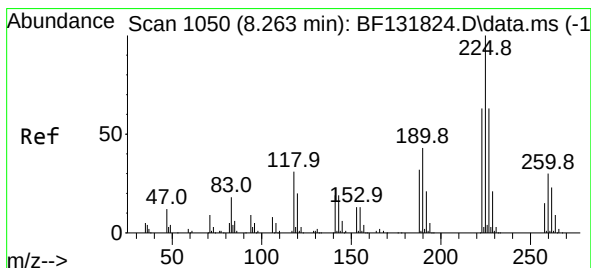
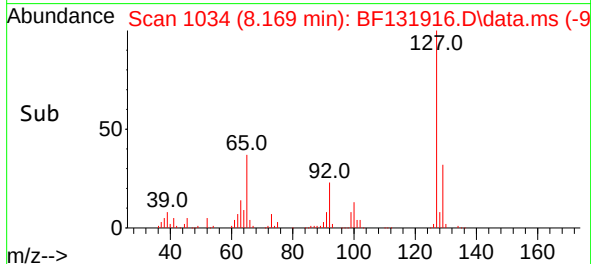
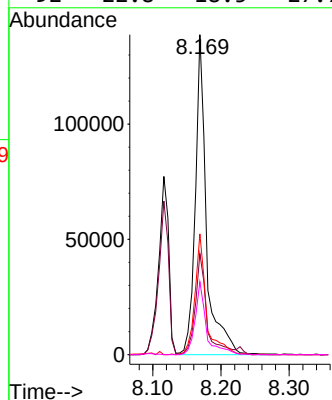
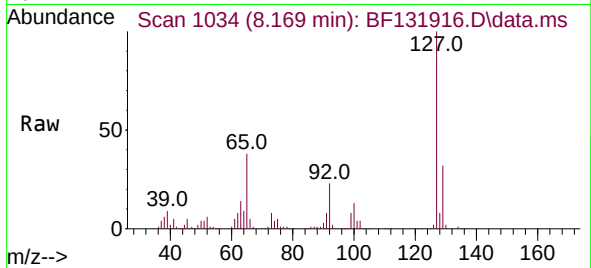
Giraldo

01/06/2023

Supervised By :Jagrut

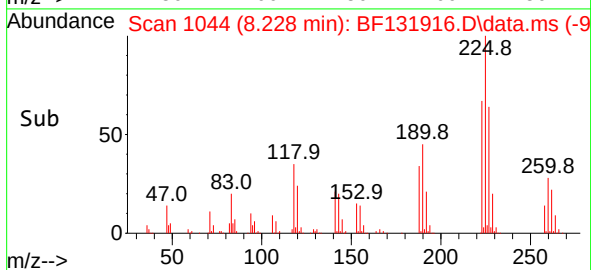
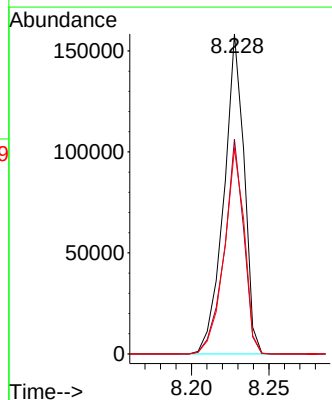
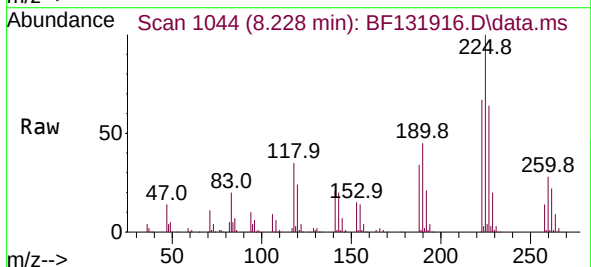
Upadhyay

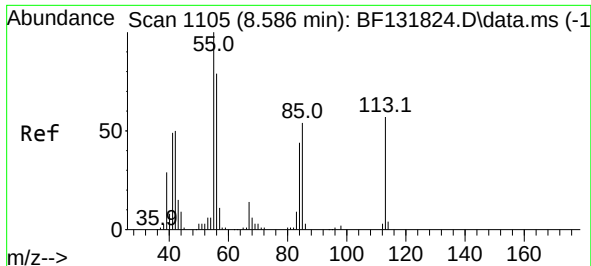
01/06/2023



#34
Hexachlorobutadiene
Concen: 40.842 ng
RT: 8.228 min Scan# 1044
Delta R.T. 0.000 min
Lab File: BF131916.D
Acq: 05 Jan 2023 15:41

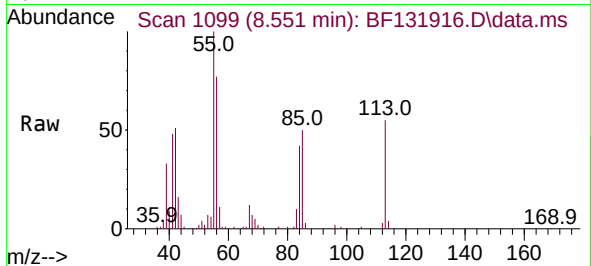
Tgt Ion:225 Resp: 143934
Ion Ratio Lower Upper
225 100
223 67.1 50.0 75.0
227 64.1 50.8 76.2





#35
Caprolactam
Concen: 44.637 ng m
RT: 8.551 min Scan# 1099
Delta R.T. 0.000 min
Lab File: BF131916.D
Acq: 05 Jan 2023 15:41

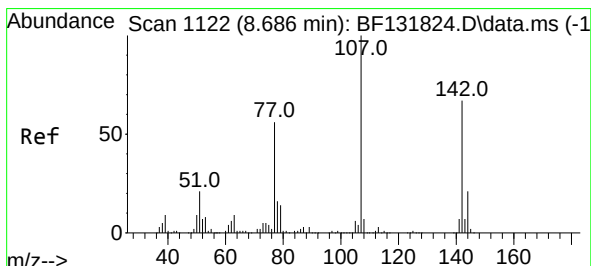
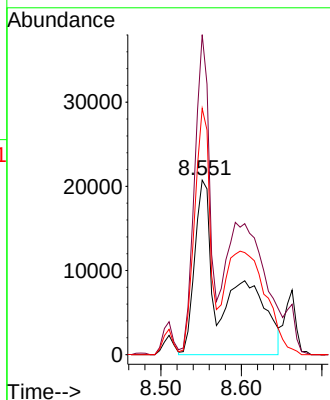
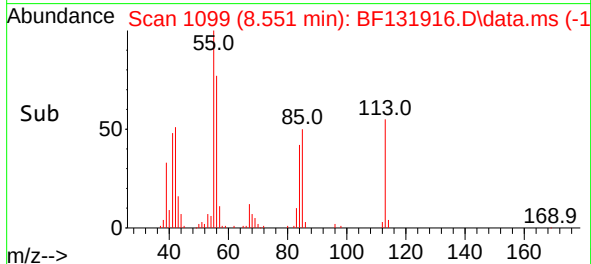
Instrument :
BNA_F
ClientSampleId :
PB150045BS



Tgt Ion:113 Resp: 57418
Ion Ratio Lower Upper
113 100
55 183.4 153.3 193.3
56 141.2 116.3 156.3

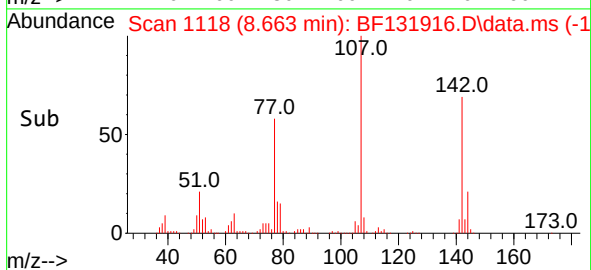
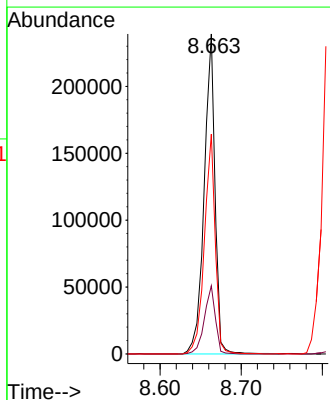
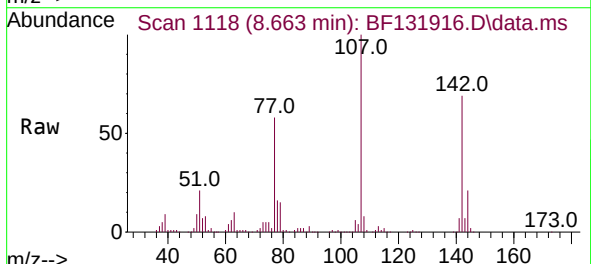
Manual Integrations
APPROVED

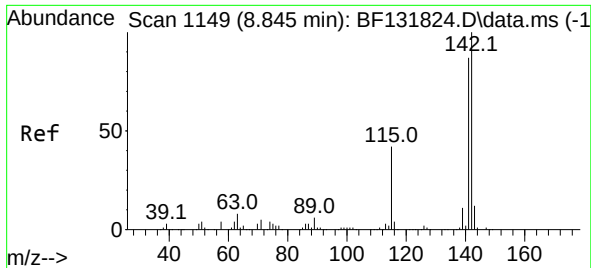
Reviewed By :Christian
Giraldo
01/06/2023
Supervised By :Jagrut
Upadhyay
01/06/2023



#36
4-Chloro-3-methylphenol
Concen: 45.423 ng
RT: 8.663 min Scan# 1118
Delta R.T. 0.006 min
Lab File: BF131916.D
Acq: 05 Jan 2023 15:41

Tgt Ion:107 Resp: 223035
Ion Ratio Lower Upper
107 100
144 21.3 16.8 25.2
142 68.7 53.8 80.8





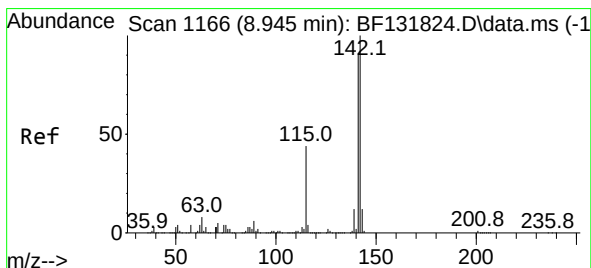
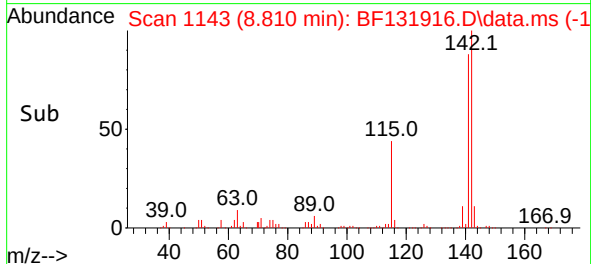
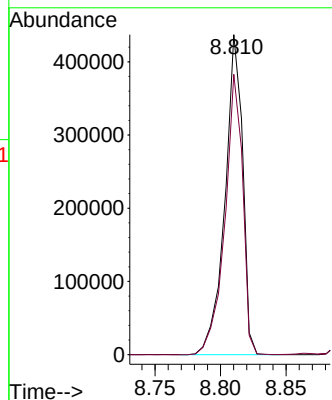
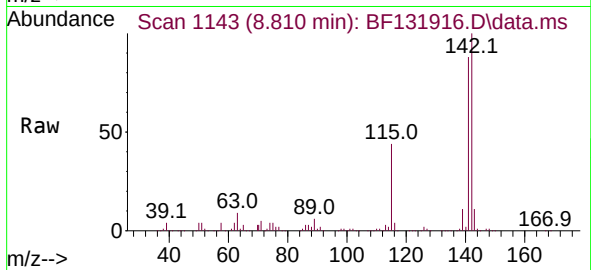
#37
2-Methylnaphthalene
Concen: 43.172 ng
RT: 8.810 min Scan# 1149
Delta R.T. 0.000 min
Lab File: BF131916.D
Acq: 05 Jan 2023 15:41

Instrument :
BNA_F
ClientSampleId :
PB150045BS

Tgt Ion:142 Resp: 411041
Ion Ratio Lower Upper
142 100
141 87.6 69.8 104.8

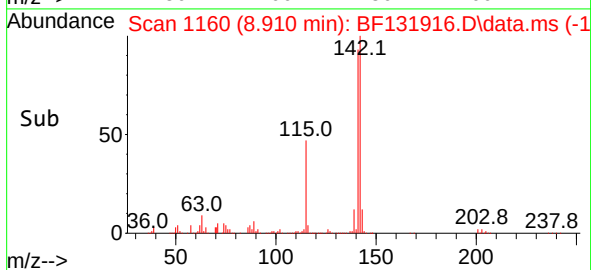
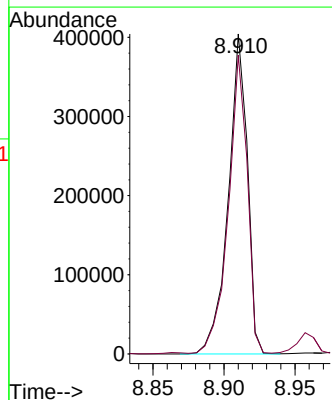
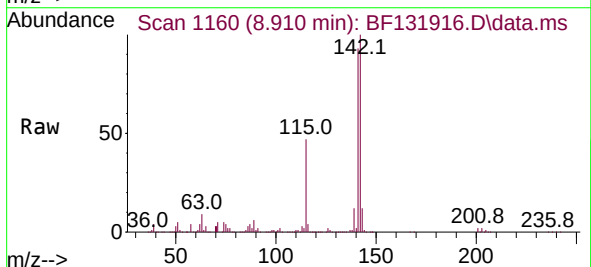
Manual Integrations
APPROVED

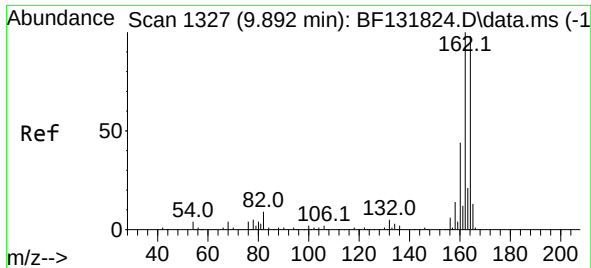
Reviewed By :Christian
Giraldo
01/06/2023
Supervised By :Jagrut
Upadhyay
01/06/2023



#38
1-Methylnaphthalene
Concen: 40.678 ng
RT: 8.910 min Scan# 1160
Delta R.T. 0.000 min
Lab File: BF131916.D
Acq: 05 Jan 2023 15:41

Tgt Ion:142 Resp: 376194
Ion Ratio Lower Upper
142 100
141 93.4 73.0 109.6





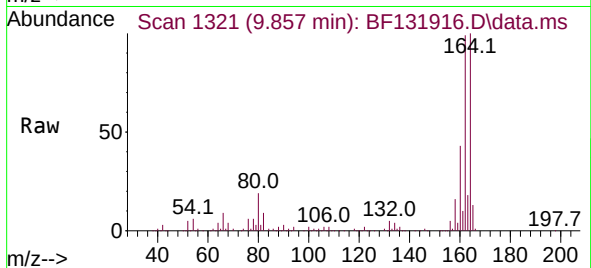
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF131916.D
Acq: 05 Jan 2023 15:41

Instrument :

BNA_F

ClientSampleId :

PB150045BS



Tgt Ion:164 Resp: 15128
Ion Ratio Lower Upper
164 100
162 98.5 81.8 122.6
160 42.9 35.7 53.5

Manual Integrations
APPROVED

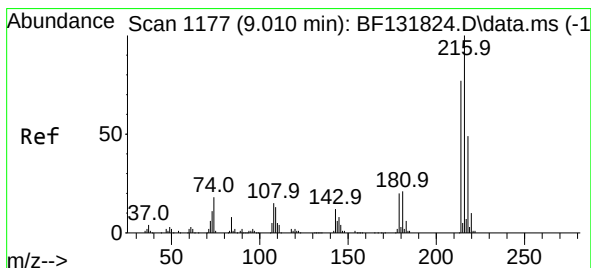
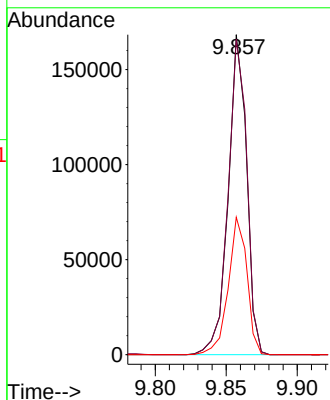
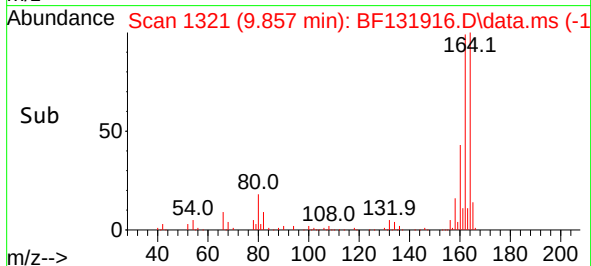
Reviewed By :Christian
Giraldo

01/06/2023

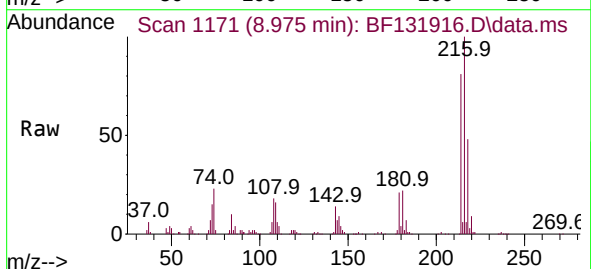
Supervised By :Jagrut

Upadhyay

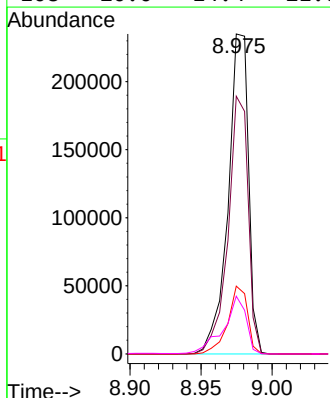
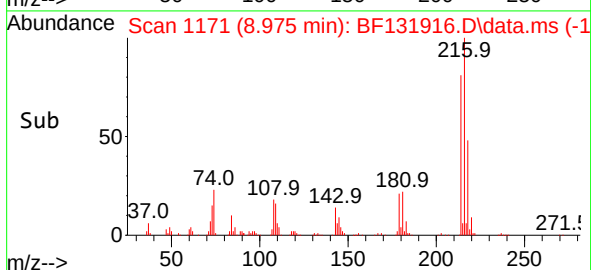
01/06/2023

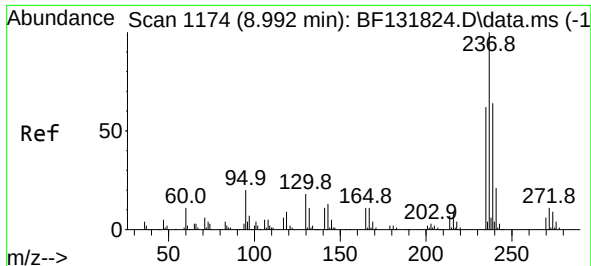


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.358 ng
RT: 8.975 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BF131916.D
Acq: 05 Jan 2023 15:41



Tgt Ion:216 Resp: 235632
Ion Ratio Lower Upper
216 100
214 78.7 63.0 94.4
179 20.4 16.4 24.6
108 20.0 14.4 21.6





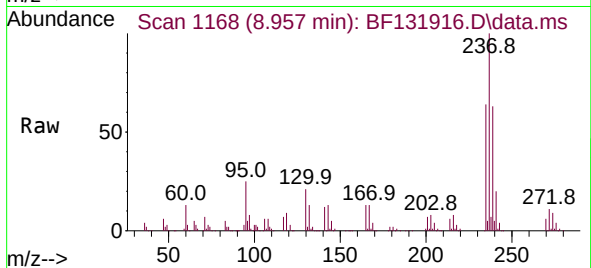
#41
Hexachlorocyclopentadiene
Concen: 88.080 ng
RT: 8.957 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BF131916.D
Acq: 05 Jan 2023 15:41

Instrument :

BNA_F

ClientSampleId :

PB150045BS



Tgt Ion:237 Resp: 210930
Ion Ratio Lower Upper
237 100
235 63.7 42.3 82.3
272 11.5 0.0 31.4

Manual Integrations
APPROVED

Reviewed By :Christian

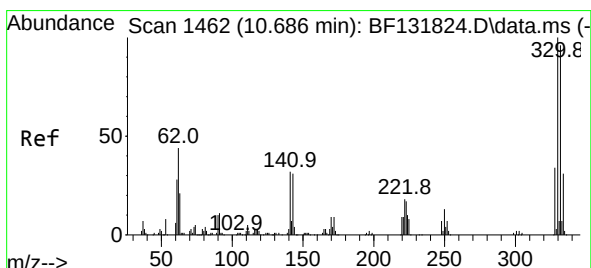
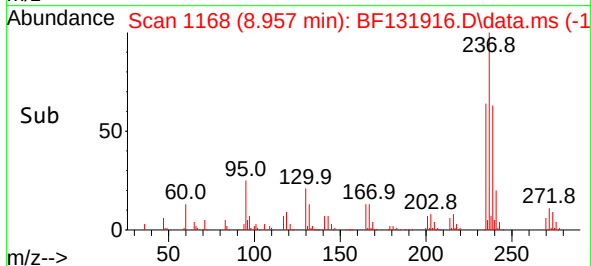
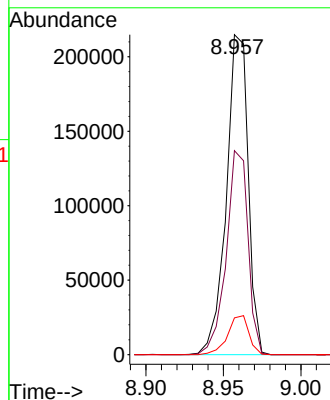
Giraldo

01/06/2023

Supervised By :Jagrut

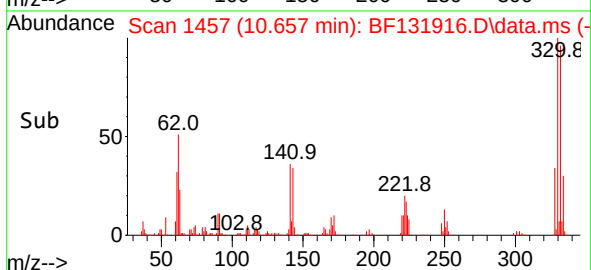
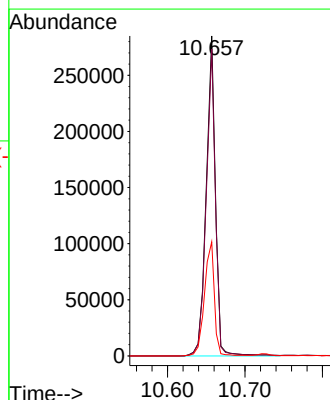
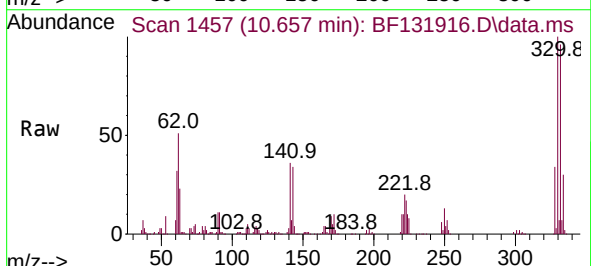
Upadhyay

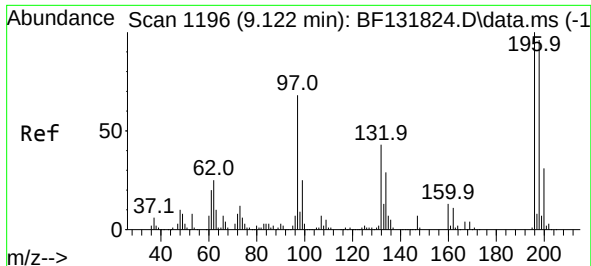
01/06/2023



#42
2,4,6-Tribromophenol
Concen: 144.133 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.006 min
Lab File: BF131916.D
Acq: 05 Jan 2023 15:41

Tgt Ion:330 Resp: 236917
Ion Ratio Lower Upper
330 100
332 95.8 77.0 115.4
141 38.2 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 41.695 ng

RT: 9.092 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BF131916.D

Acq: 05 Jan 2023 15:41

Instrument :

BNA_F

ClientSampleId :

PB150045BS

Tgt Ion:196 Resp: 141856

Ion Ratio Lower Upper

196 100

198 99.2 76.5 114.7

200 31.8 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Christian

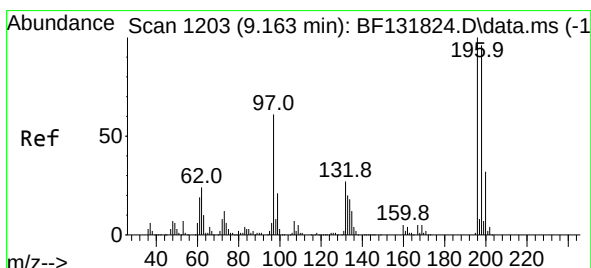
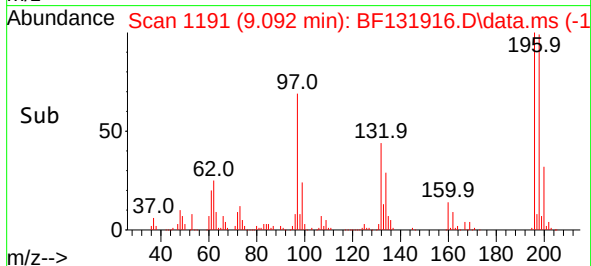
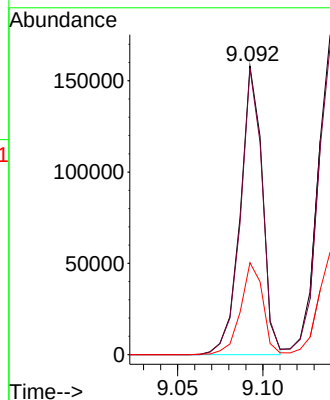
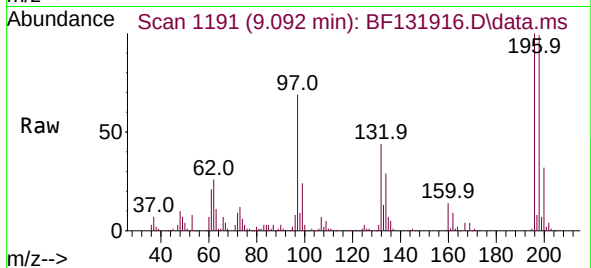
Giraldo

01/06/2023

Supervised By :Jagrut

Upadhyay

01/06/2023



#44

2,4,5-Trichlorophenol

Concen: 42.366 ng

RT: 9.139 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF131916.D

Acq: 05 Jan 2023 15:41

Tgt Ion:196 Resp: 155810

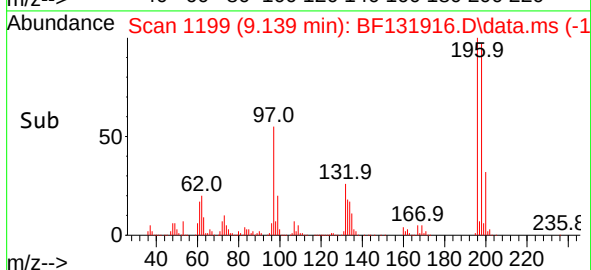
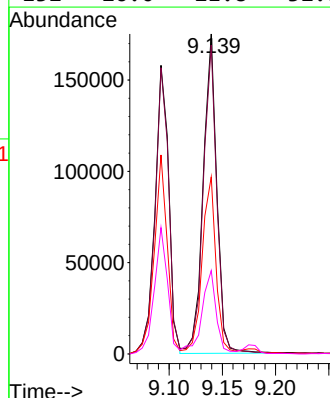
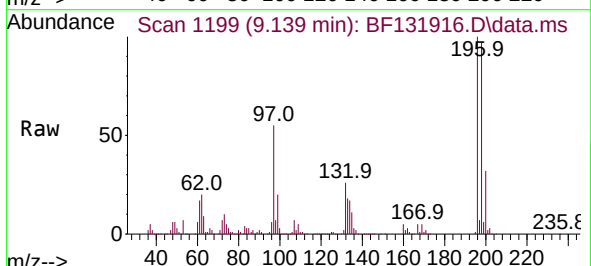
Ion Ratio Lower Upper

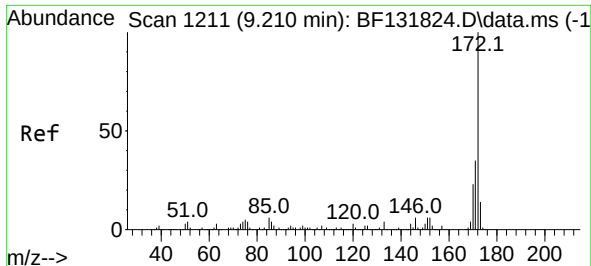
196 100

198 96.5 76.6 115.0

97 55.3 49.3 73.9

132 26.0 21.8 32.8





#45

2-Fluorobiphenyl

Concen: 86.784 ng

RT: 9.181 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BF131916.D

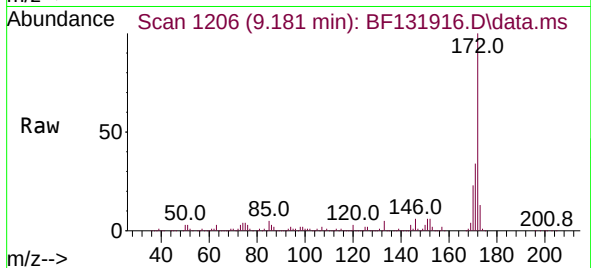
Acq: 05 Jan 2023 15:41

Instrument :

BNA_F

ClientSampleId :

PB150045BS



Tgt Ion:172 Resp: 958530

Ion Ratio Lower Upper

172 100

171 34.4 27.9 41.9

170 23.1 18.7 28.1

Manual Integrations

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Reviewed By :Christian

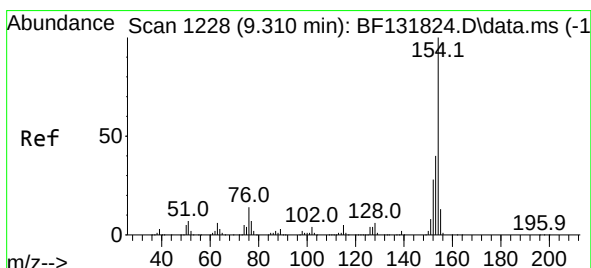
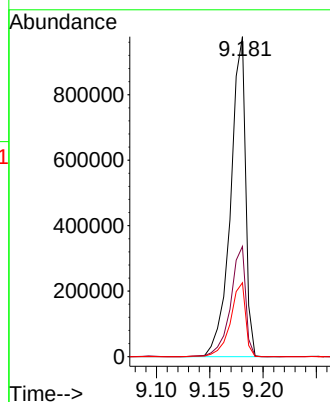
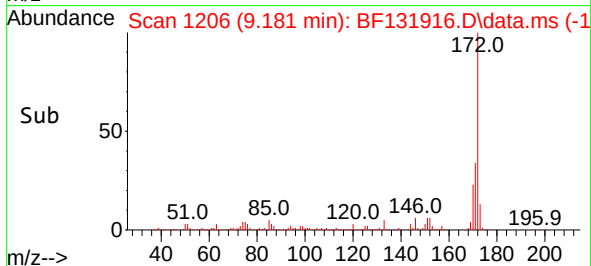
Giraldo

01/06/2023

Supervised By :Jagrut

Upadhyay

01/06/2023



#46

1,1'-Biphenyl

Concen: 44.475 ng

RT: 9.281 min Scan# 1223

Delta R.T. 0.000 min

Lab File: BF131916.D

Acq: 05 Jan 2023 15:41

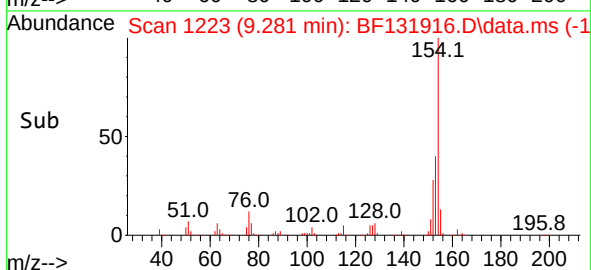
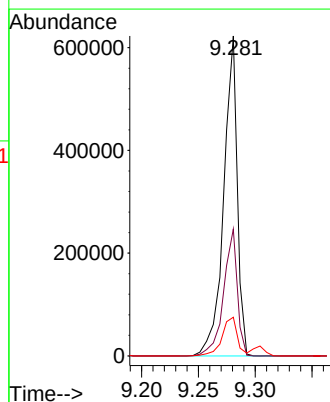
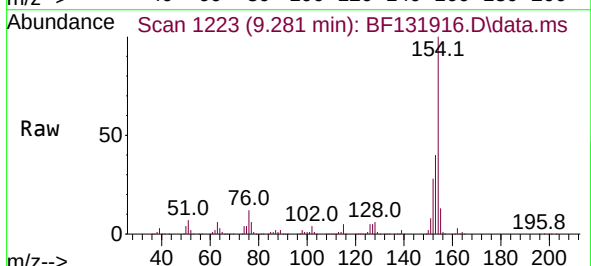
Tgt Ion:154 Resp: 515138

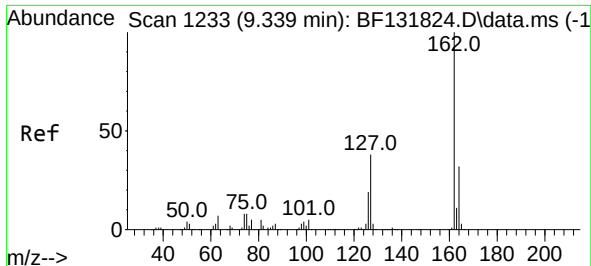
Ion Ratio Lower Upper

154 100

153 39.6 19.8 59.8

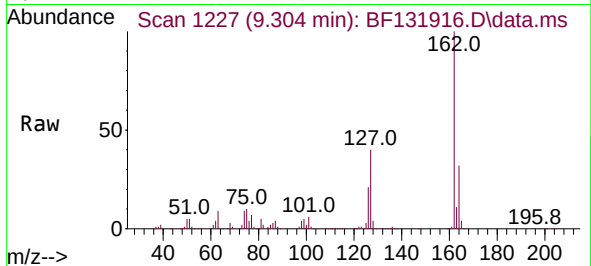
76 12.1 0.0 33.9





#47
2-Chloronaphthalene
Concen: 42.721 ng
RT: 9.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131916.D
Acq: 05 Jan 2023 15:41

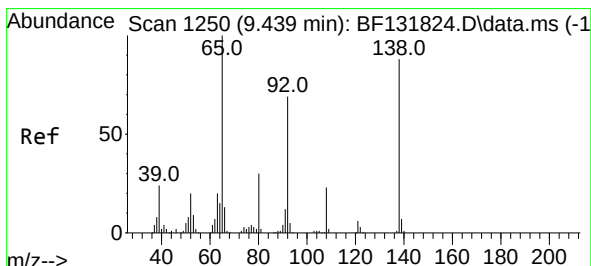
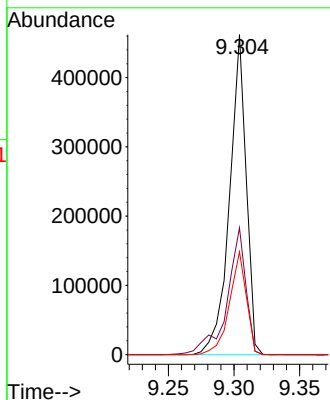
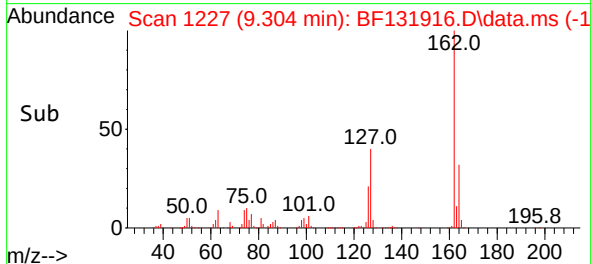
Instrument :
BNA_F
ClientSampleId :
PB150045BS



Tgt Ion:162 Resp: 409373
Ion Ratio Lower Upper
162 100
127 39.6 31.0 46.6
164 32.1 25.9 38.9

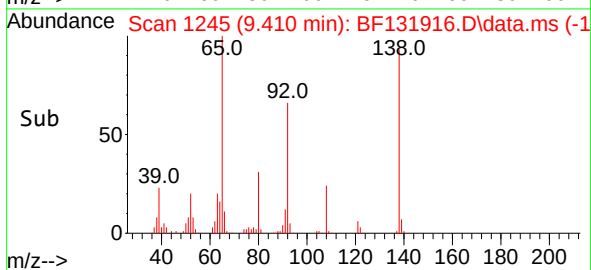
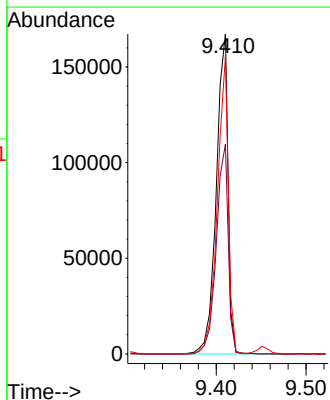
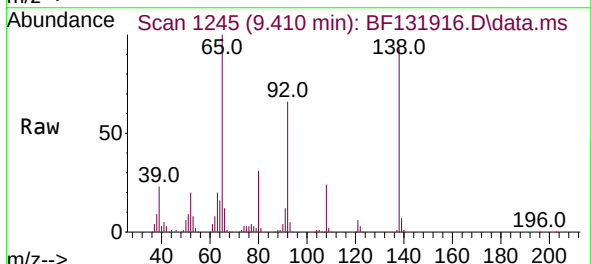
Manual Integrations
APPROVED

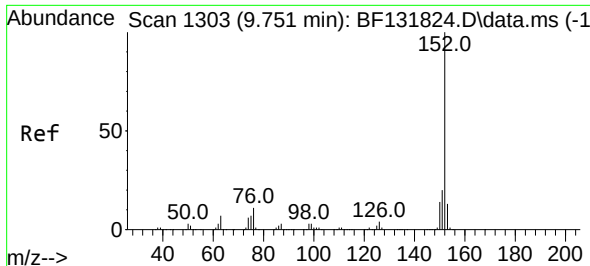
Reviewed By :Christian
Giraldo
01/06/2023
Supervised By :Jagrut
Upadhyay
01/06/2023



#48
2-Nitroaniline
Concen: 43.143 ng
RT: 9.410 min Scan# 1245
Delta R.T. 0.006 min
Lab File: BF131916.D
Acq: 05 Jan 2023 15:41

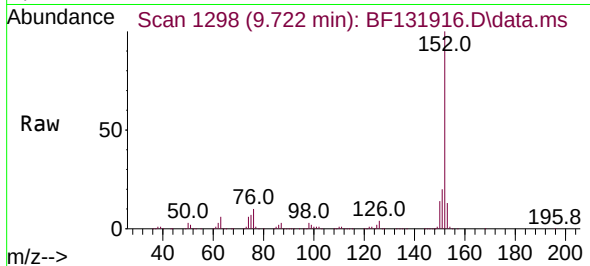
Tgt Ion: 65 Resp: 151532
Ion Ratio Lower Upper
65 100
92 65.5 55.0 82.6
138 93.0 70.4 105.6





#49
Acenaphthylene
Concen: 43.765 ng
RT: 9.722 min Scan# 1275
Delta R.T. 0.000 min
Lab File: BF131916.D
Acq: 05 Jan 2023 15:41

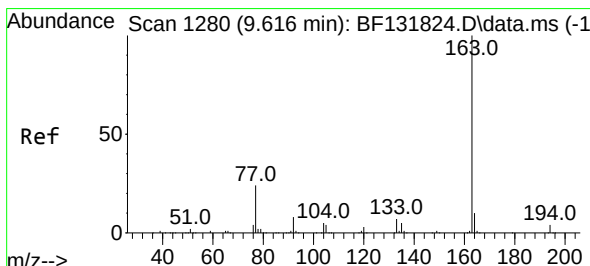
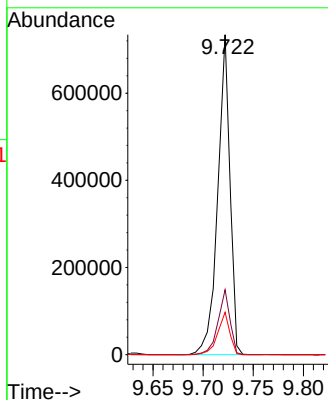
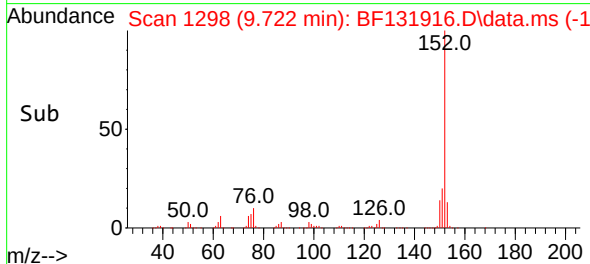
Instrument :
BNA_F
ClientSampleId :
PB150045BS



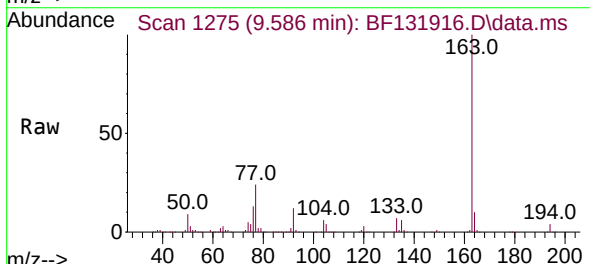
Tgt Ion:152 Resp: 624458
Ion Ratio Lower Upper
152 100
151 20.3 15.8 23.6
153 13.2 10.2 15.4

Manual Integrations
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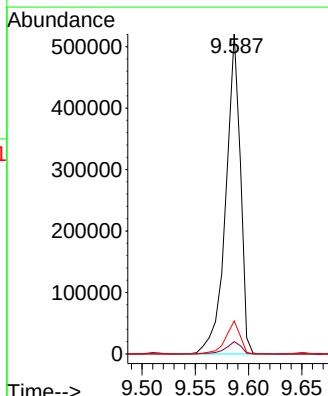
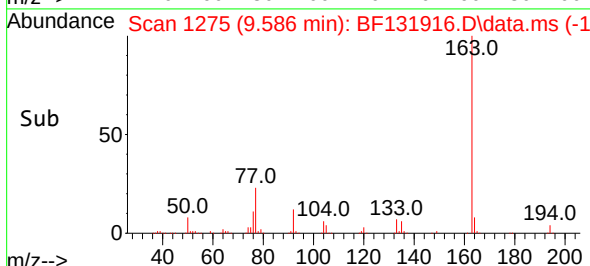
Reviewed By :Christian
Giraldo
01/06/2023
Supervised By :Jagrut
Upadhyay
01/06/2023

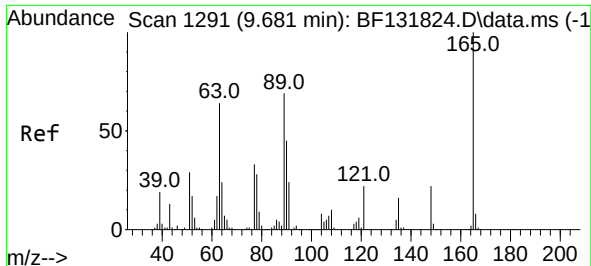


#50
Dimethylphthalate
Concen: 43.355 ng
RT: 9.586 min Scan# 1275
Delta R.T. 0.000 min
Lab File: BF131916.D
Acq: 05 Jan 2023 15:41



Tgt Ion:163 Resp: 496219
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.3 8.2 12.4





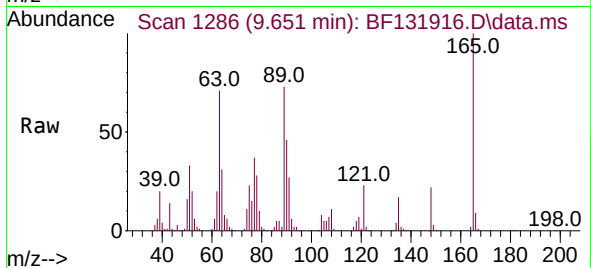
#51
2,6-Dinitrotoluene
Concen: 43.964 ng
RT: 9.651 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BF131916.D
Acq: 05 Jan 2023 15:41

Instrument :

BNA_F

ClientSampleId :

PB150045BS

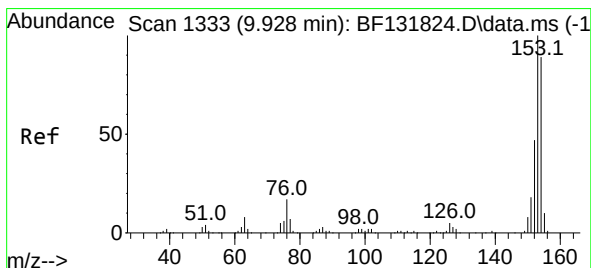
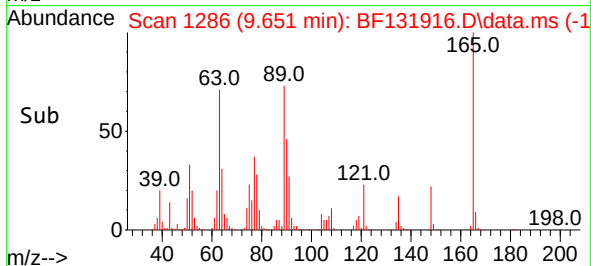
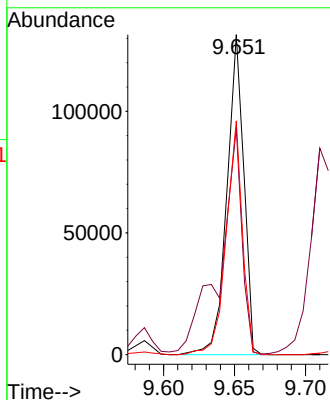


Tgt Ion:165 Resp: 108926
Ion Ratio Lower Upper
165 100
63 70.8 55.1 82.7
89 73.0 55.0 82.4

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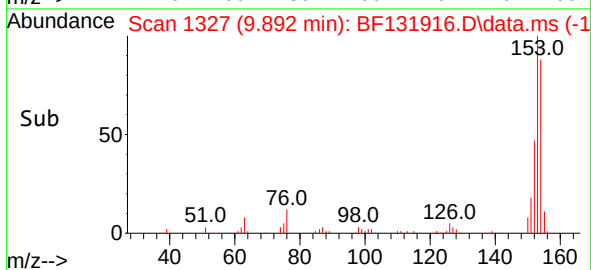
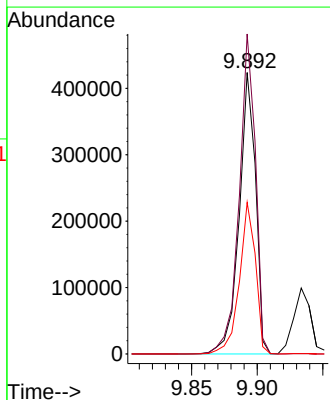
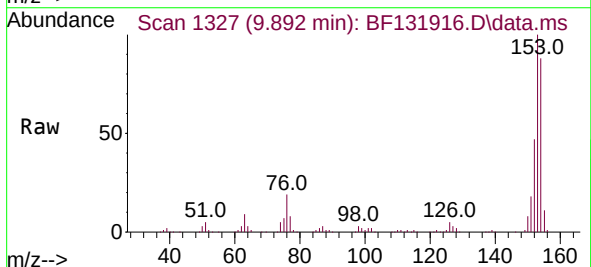
Reviewed By :Christian
Giraldo
01/06/2023

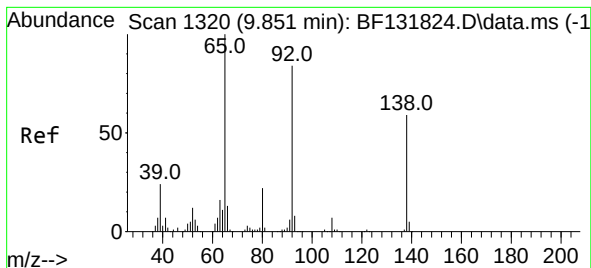
Supervised By :Jagrut
Upadhyay
01/06/2023



#52
Acenaphthene
Concen: 42.575 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF131916.D
Acq: 05 Jan 2023 15:41

Tgt Ion:154 Resp: 366632
Ion Ratio Lower Upper
154 100
153 113.8 90.2 135.2
152 53.8 42.5 63.7





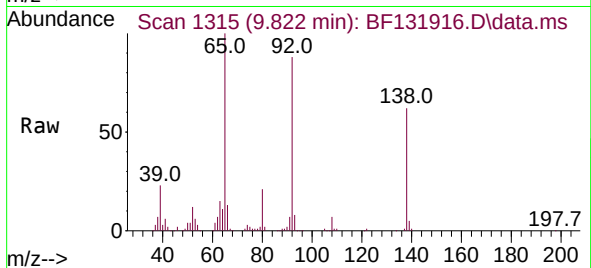
#53
3-Nitroaniline
Concen: 29.570 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.000 min
Lab File: BF131916.D
Acq: 05 Jan 2023 15:41

Instrument :

BNA_F

ClientSampleId :

PB150045BS

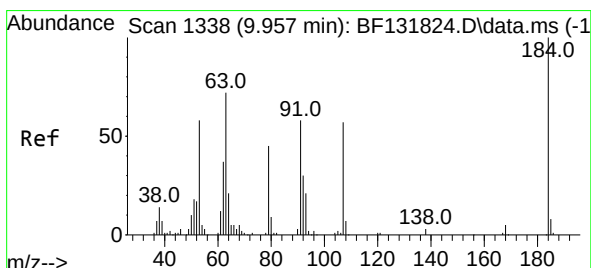
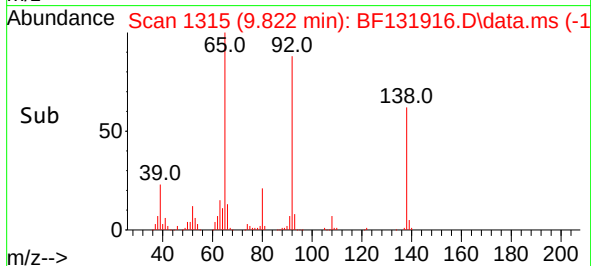
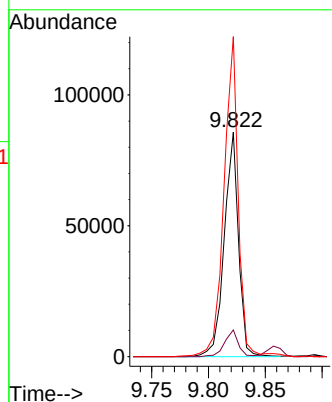


Tgt Ion:138 Resp: 74650
Ion Ratio Lower Upper
138 100
108 11.9 9.3 13.9
92 142.6 113.9 170.9

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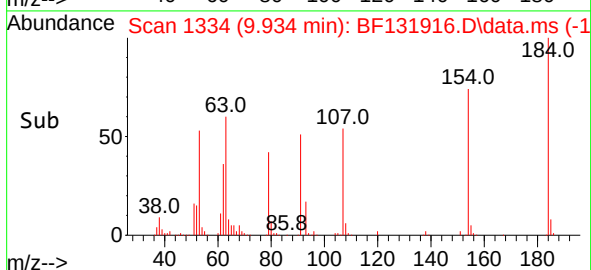
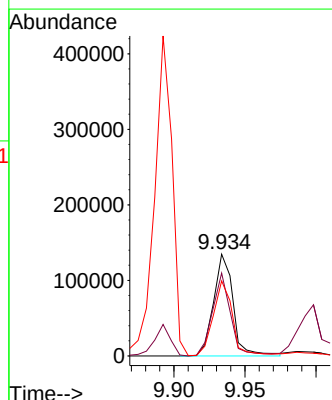
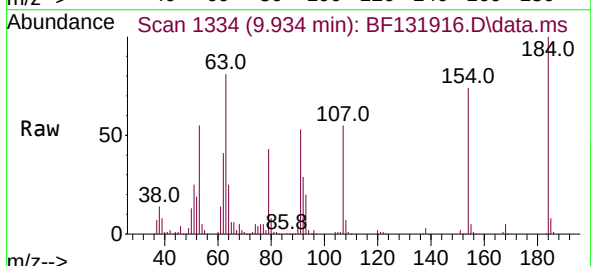
Reviewed By :Christian
Giraldo
01/06/2023

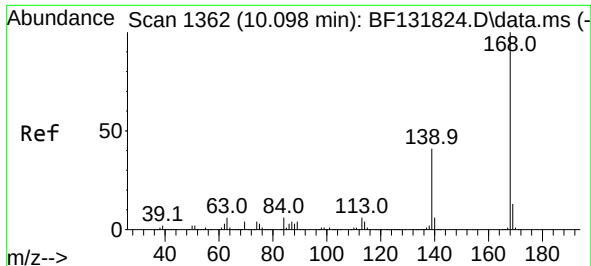
Supervised By :Jagrut
Upadhyay
01/06/2023



#54
2,4-Dinitrophenol
Concen: 90.562 ng
RT: 9.934 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF131916.D
Acq: 05 Jan 2023 15:41

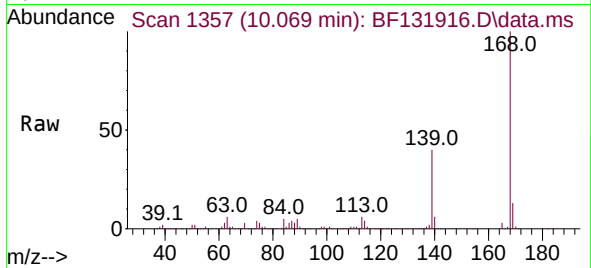
Tgt Ion:184 Resp: 129125
Ion Ratio Lower Upper
184 100
63 81.3 66.8 100.2
154 73.7 61.6 92.4





#55
Dibenzenofuran
Concen: 43.860 ng
RT: 10.069 min Scan# 1357
Delta R.T. 0.000 min
Lab File: BF131916.D
Acq: 05 Jan 2023 15:41

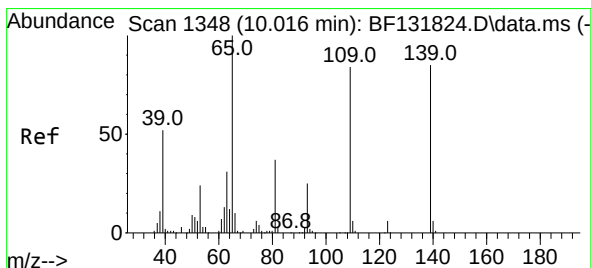
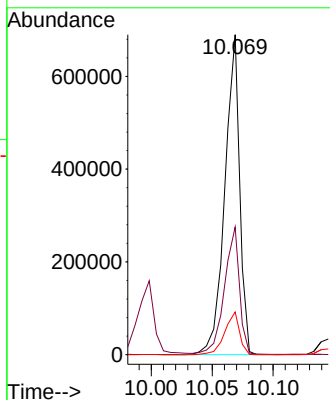
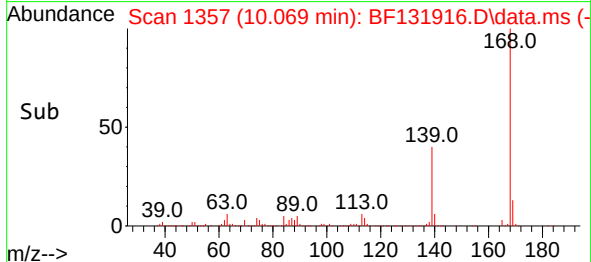
Instrument :
BNA_F
ClientSampleId :
PB150045BS



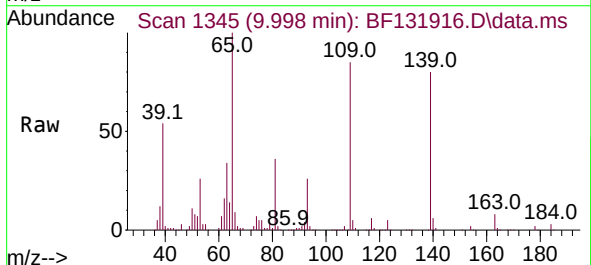
Tgt Ion:168 Resp: 581910
Ion Ratio Lower Upper
168 100
139 39.9 32.6 49.0
169 13.3 10.5 15.7

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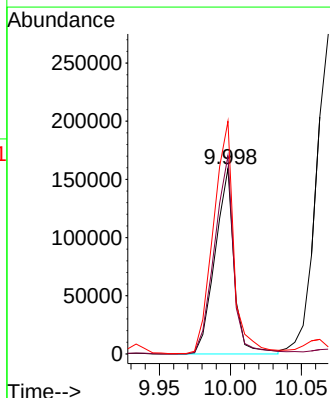
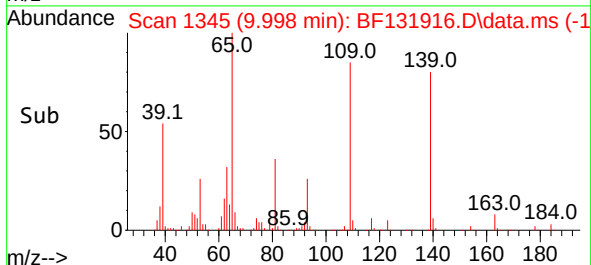
Reviewed By :Christian
Giraldo
01/06/2023
Supervised By :Jagrut
Upadhyay
01/06/2023

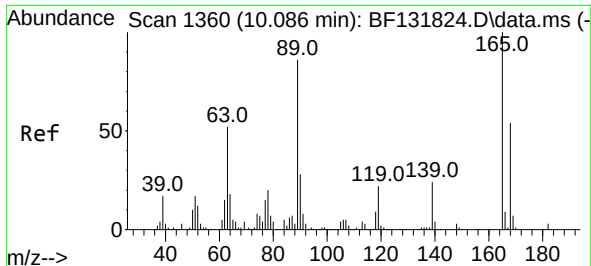


#56
4-Nitrophenol
Concen: 84.230 ng
RT: 9.998 min Scan# 1345
Delta R.T. 0.012 min
Lab File: BF131916.D
Acq: 05 Jan 2023 15:41



Tgt Ion:139 Resp: 148960
Ion Ratio Lower Upper
139 100
109 107.0 78.5 118.5
65 125.5 97.5 137.5





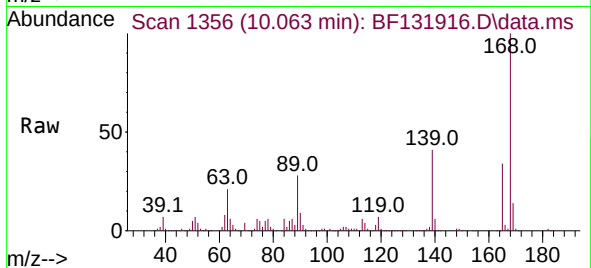
#57
2,4-Dinitrotoluene
Concen: 44.872 ng
RT: 10.063 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF131916.D
Acq: 05 Jan 2023 15:41

Instrument :

BNA_F

ClientSampleId :

PB150045BS

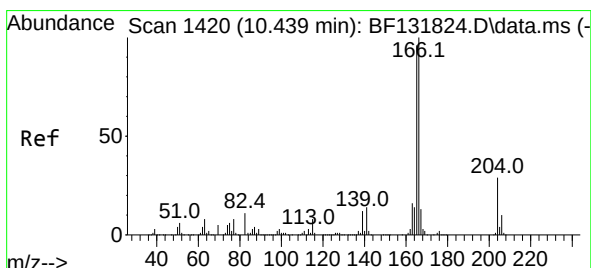
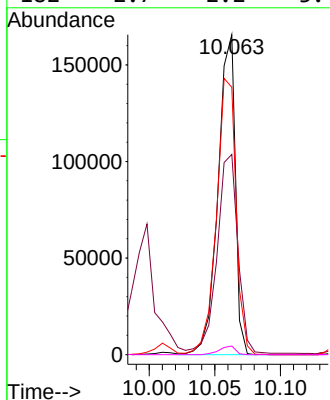
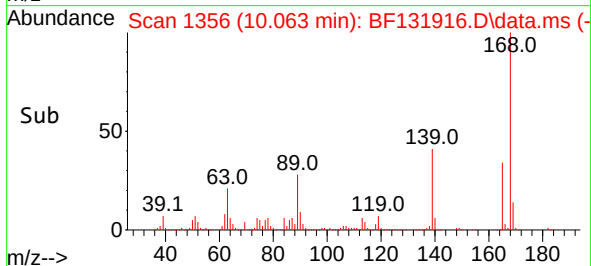


Tgt Ion:165 Resp: 152043
Ion Ratio Lower Upper
165 100
63 62.6 42.1 63.1
89 83.5 69.1 103.7
182 2.7 2.2 3.4

Manual Integrations
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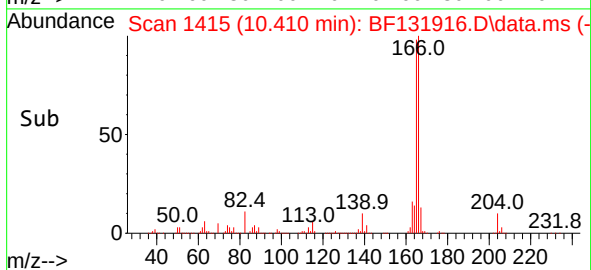
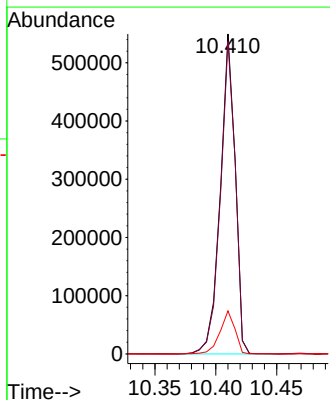
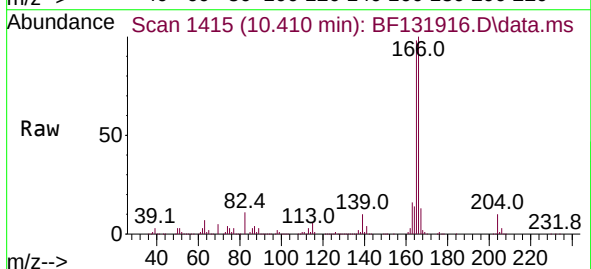
Reviewed By :Christian
Giraldo
01/06/2023

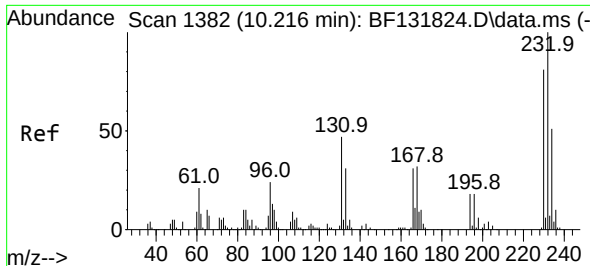
Supervised By :Jagrut
Upadhyay
01/06/2023



#58
Fluorene
Concen: 42.808 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF131916.D
Acq: 05 Jan 2023 15:41

Tgt Ion:166 Resp: 463665
Ion Ratio Lower Upper
166 100
165 97.7 77.0 115.4
167 13.4 10.4 15.6





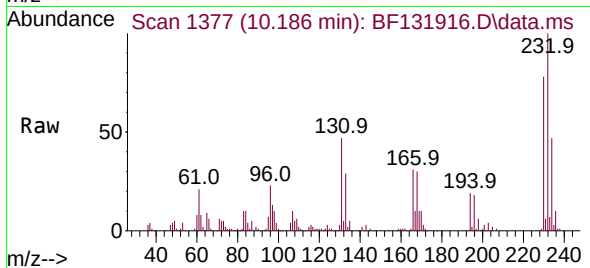
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.366 ng m
RT: 10.186 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF131916.D
Acq: 05 Jan 2023 15:41

Instrument :

BNA_F

ClientSampleId :

PB150045BS

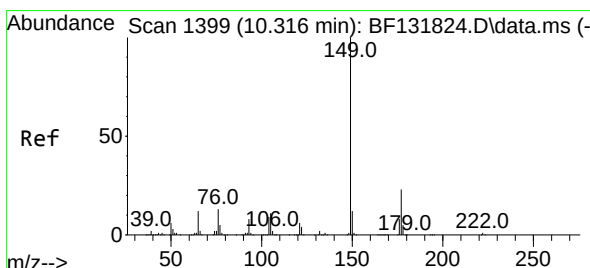
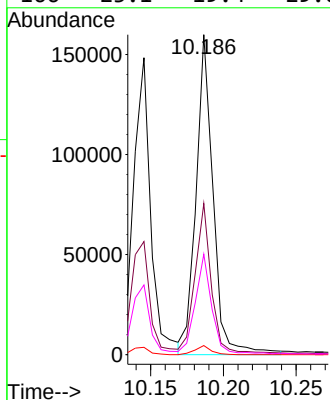
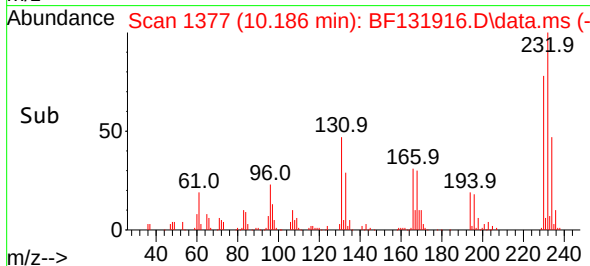


Tgt Ion:232 Resp: 130881
Ion Ratio Lower Upper
232 100
131 39.1 30.1 45.1
130 2.3 1.8 2.6
166 23.1 19.4 29.0

Manual Integrations
APPROVED

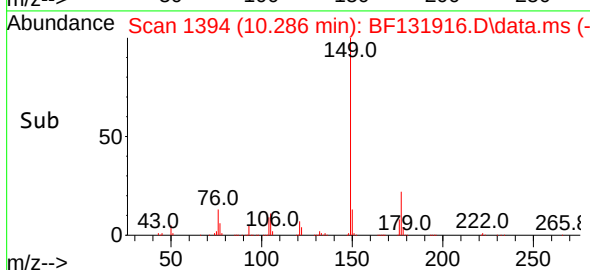
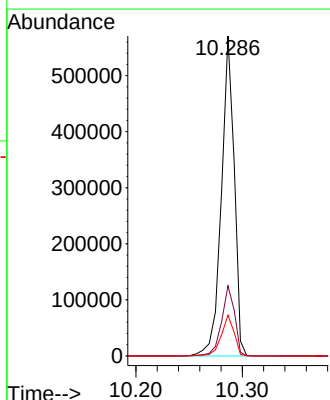
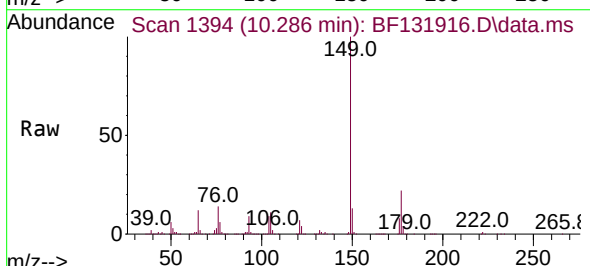
Reviewed By :Christian
Giraldo
01/06/2023

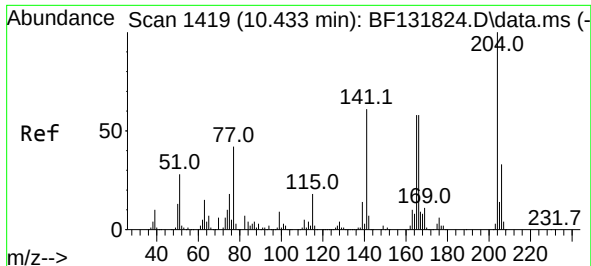
Supervised By :Jagrut
Upadhyay
01/06/2023



#60
Diethylphthalate
Concen: 43.460 ng
RT: 10.286 min Scan# 1394
Delta R.T. 0.000 min
Lab File: BF131916.D
Acq: 05 Jan 2023 15:41

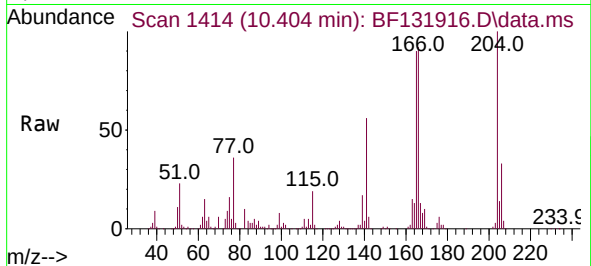
Tgt Ion:149 Resp: 478744
Ion Ratio Lower Upper
149 100
177 21.9 18.1 27.1
150 12.7 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 44.620 ng
RT: 10.404 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF131916.D
Acq: 05 Jan 2023 15:41

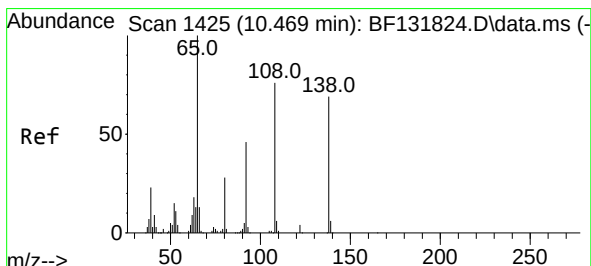
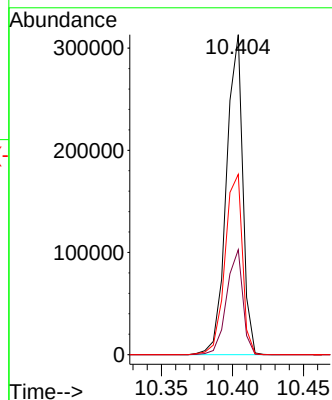
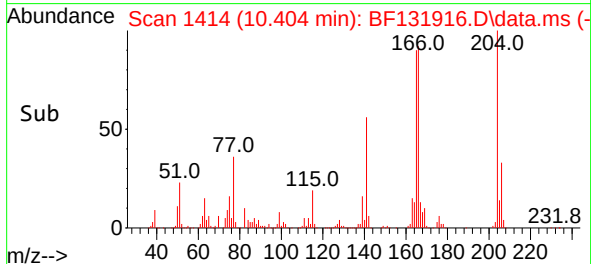
Instrument :
BNA_F
ClientSampleId :
PB150045BS



Tgt Ion:204 Resp: 251238
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 56.3 49.0 73.4

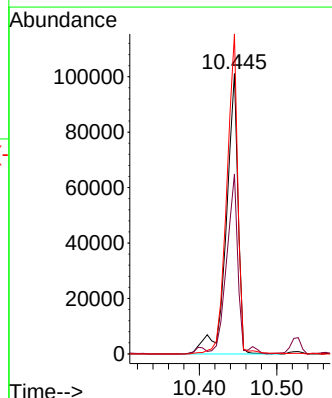
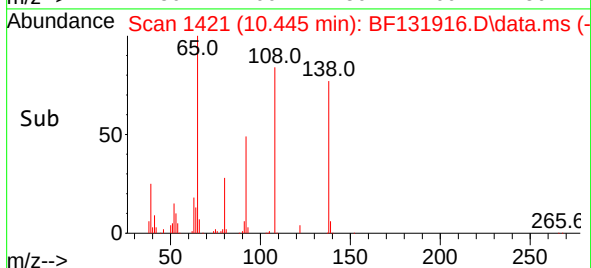
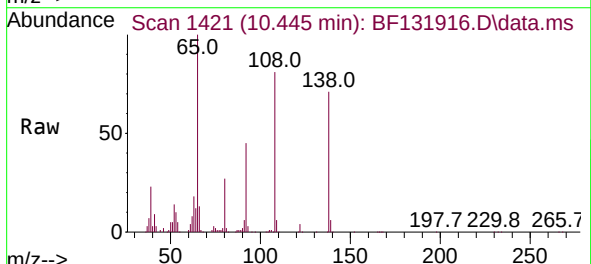
Manual Integrations
APPROVED

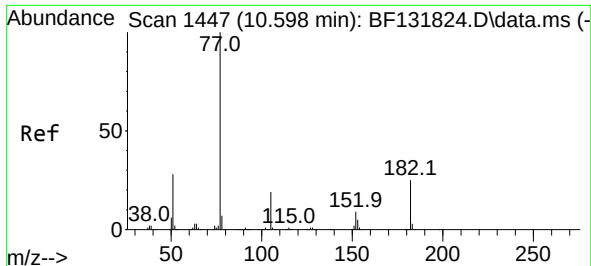
Reviewed By :Christian
Giraldo
01/06/2023
Supervised By :Jagrut
Upadhyay
01/06/2023



#62
4-Nitroaniline
Concen: 40.505 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF131916.D
Acq: 05 Jan 2023 15:41

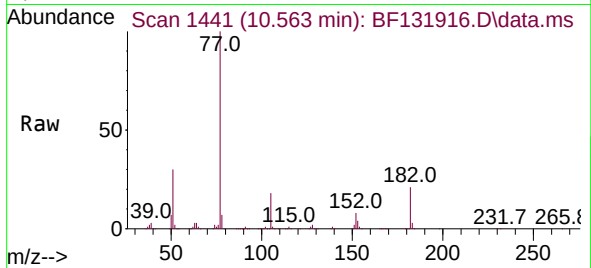
Tgt Ion:138 Resp: 106569
Ion Ratio Lower Upper
138 100
92 64.2 47.2 87.2
108 114.2 89.2 129.2





#63
Azobenzene
Concen: 43.100 ng
RT: 10.563 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF131916.D
Acq: 05 Jan 2023 15:41

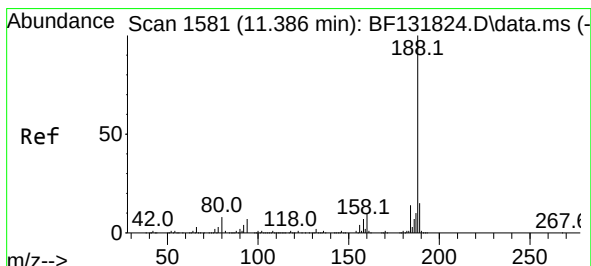
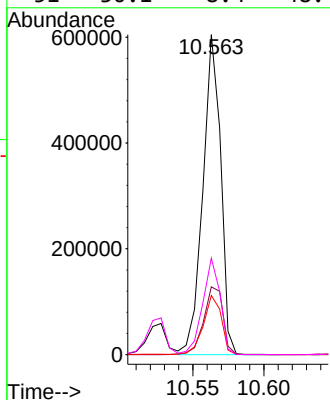
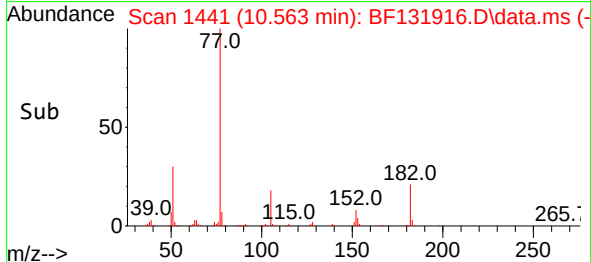
Instrument :
BNA_F
ClientSampleId :
PB150045BS



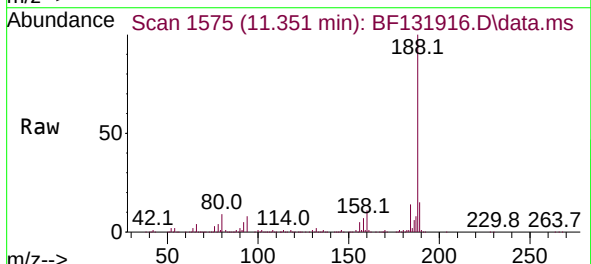
Tgt Ion: 77 Resp: 526919
Ion Ratio Lower Upper
77 100
182 21.2 5.0 45.0
105 18.5 0.0 39.4
51 30.1 8.4 48.4

Manual Integrations
APPROVED

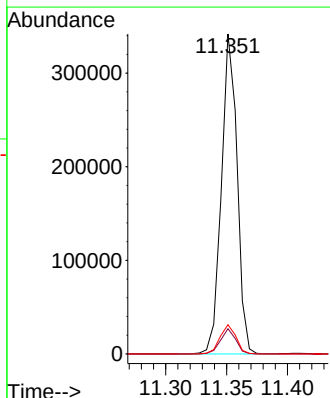
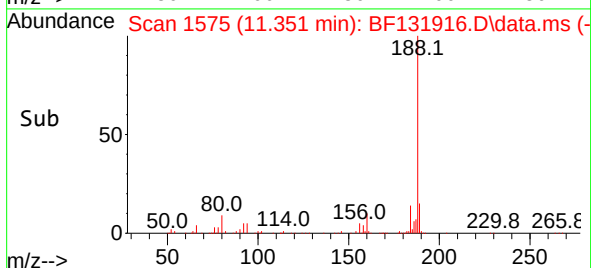
Reviewed By :Christian
Giraldo
01/06/2023
Supervised By :Jagrut
Upadhyay
01/06/2023

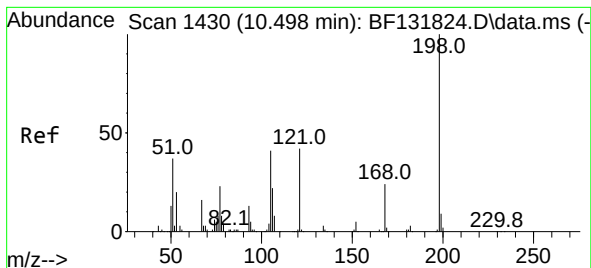


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF131916.D
Acq: 05 Jan 2023 15:41



Tgt Ion:188 Resp: 305828
Ion Ratio Lower Upper
188 100
94 7.9 5.8 8.6
80 9.1 6.7 10.1





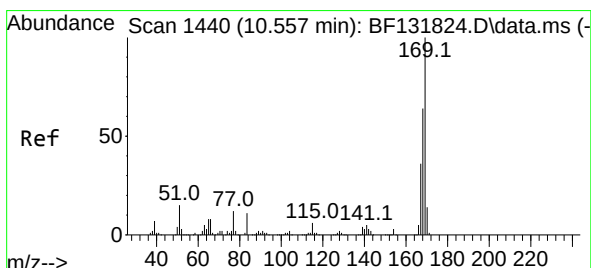
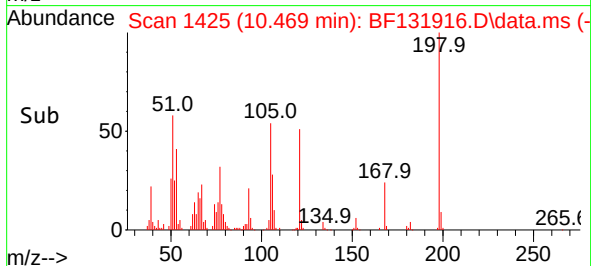
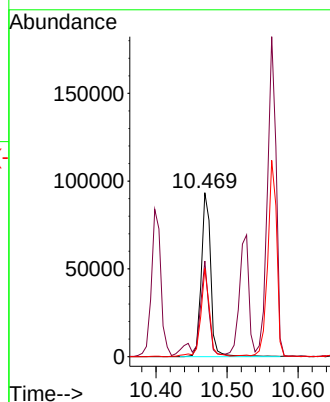
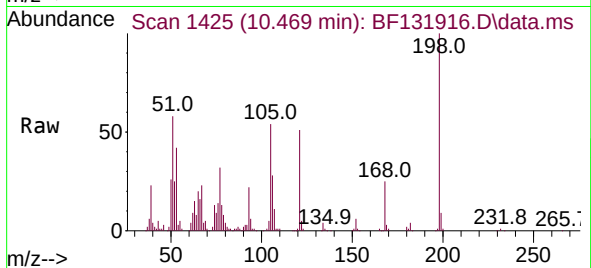
#65
4,6-Dinitro-2-methylphenol
Concen: 40.926 ng
RT: 10.469 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF131916.D
Acq: 05 Jan 2023 15:41

Instrument :
BNA_F
ClientSampleId :
PB150045BS

Tgt Ion:198 Resp: 85219
Ion Ratio Lower Upper
198 100
51 58.3 21.6 61.6
105 53.8 22.0 62.0

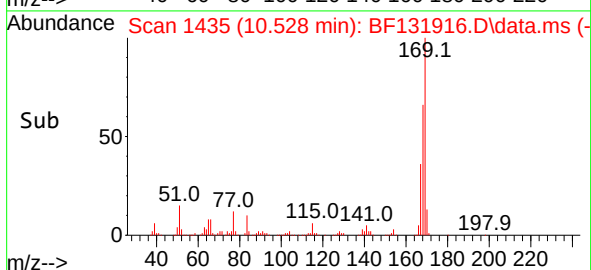
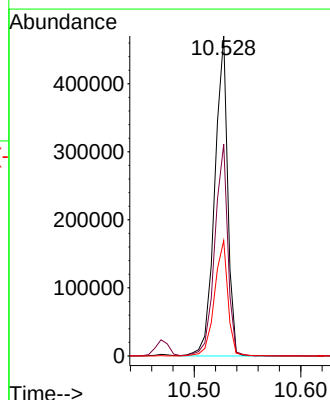
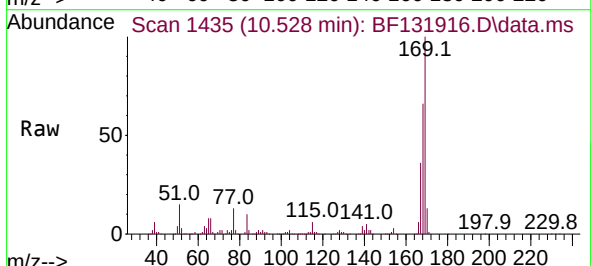
Manual Integrations
APPROVED

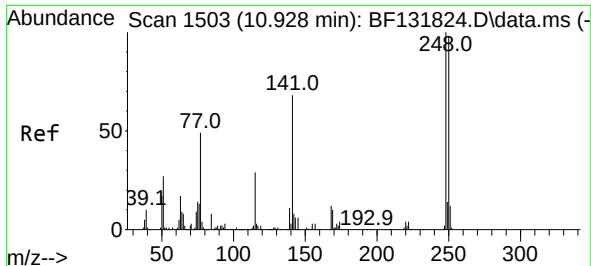
Reviewed By :Christian
Giraldo
01/06/2023
Supervised By :Jagrut
Upadhyay
01/06/2023



#66
n-Nitrosodiphenylamine
Concen: 42.599 ng
RT: 10.528 min Scan# 1435
Delta R.T. 0.006 min
Lab File: BF131916.D
Acq: 05 Jan 2023 15:41

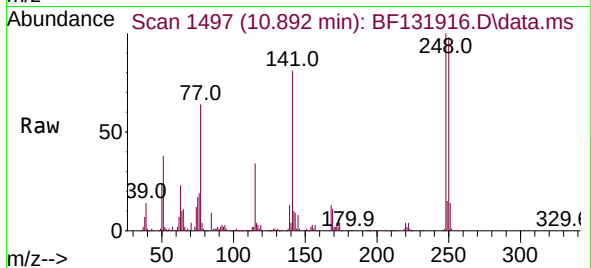
Tgt Ion:169 Resp: 397412
Ion Ratio Lower Upper
169 100
168 66.2 51.5 77.3
167 36.0 28.4 42.6





#67
4-Bromophenyl-phenylether
Concen: 43.071 ng
RT: 10.892 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF131916.D
Acq: 05 Jan 2023 15:41

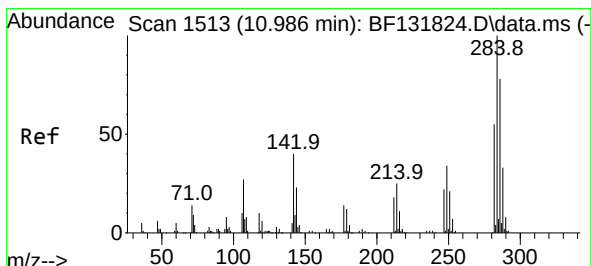
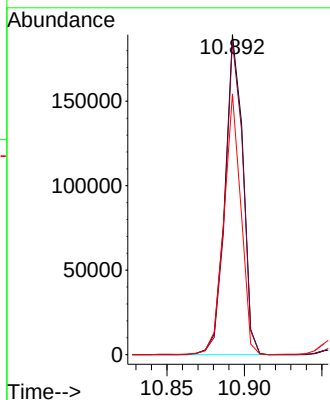
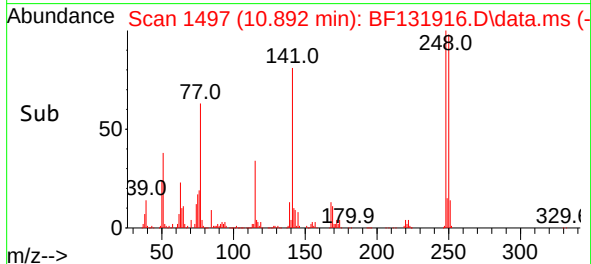
Instrument :
BNA_F
ClientSampleId :
PB150045BS



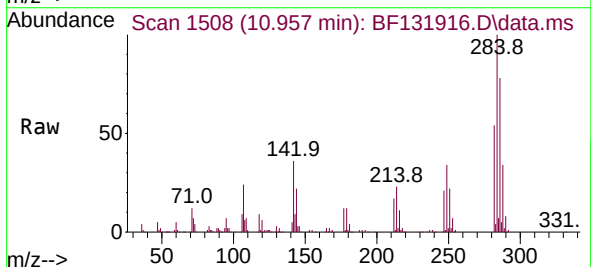
Tgt Ion:248 Resp: 152670
Ion Ratio Lower Upper
248 100
250 98.0 78.0 117.0
141 81.5 54.8 82.2

Manual Integrations
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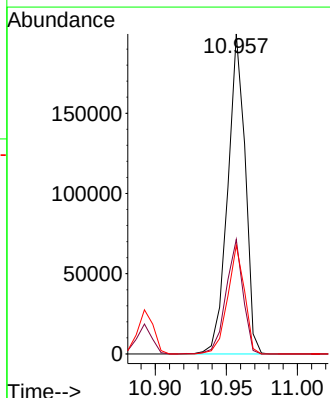
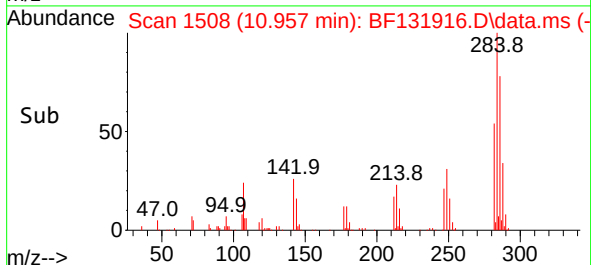
Reviewed By :Christian
Giraldo
01/06/2023
Supervised By :Jagrut
Upadhyay
01/06/2023

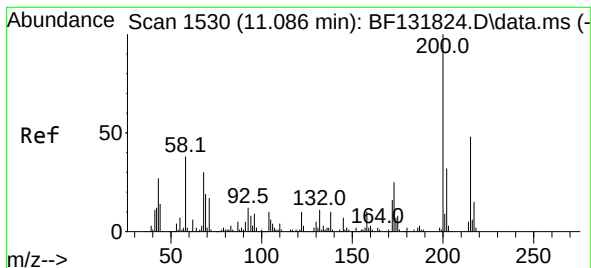


#68
Hexachlorobenzene
Concen: 43.788 ng
RT: 10.957 min Scan# 1508
Delta R.T. 0.000 min
Lab File: BF131916.D
Acq: 05 Jan 2023 15:41



Tgt Ion:284 Resp: 170499
Ion Ratio Lower Upper
284 100
142 35.8 31.6 47.4
249 33.9 26.9 40.3





#69

Atrazine

Concen: 49.498 ng

RT: 11.057 min Scan# 1525

Delta R.T. 0.000 min

Lab File: BF131916.D

Acq: 05 Jan 2023 15:41

Instrument :

BNA_F

ClientSampleId :

PB150045BS

Tgt Ion:200 Resp: 152023

Ion Ratio Lower Upper

200 100

173 25.0 4.5 44.5

215 45.7 28.5 68.5

Manual Integrations

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Reviewed By :Christian

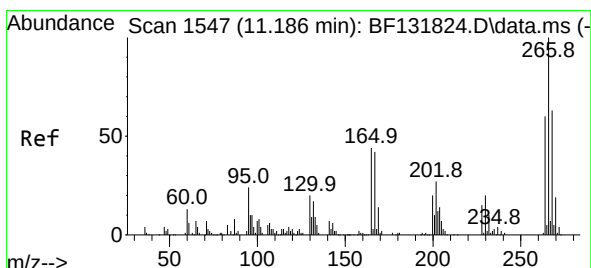
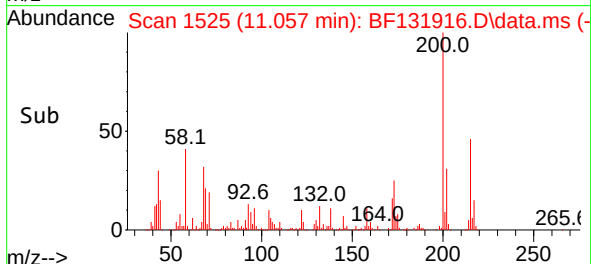
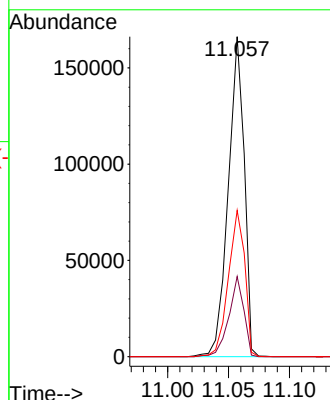
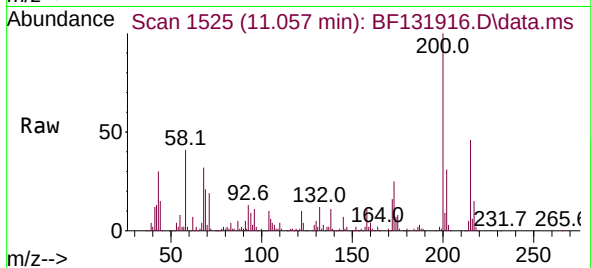
Giraldo

01/06/2023

Supervised By :Jagrut

Upadhyay

01/06/2023



#70

Pentachlorophenol

Concen: 84.806 ng

RT: 11.157 min Scan# 1542

Delta R.T. 0.000 min

Lab File: BF131916.D

Acq: 05 Jan 2023 15:41

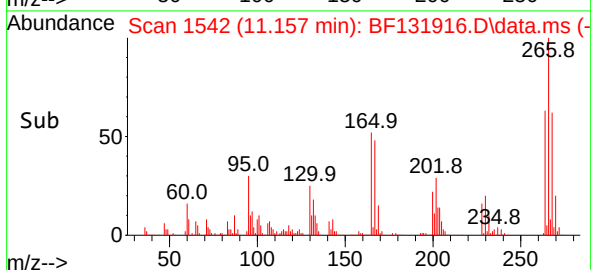
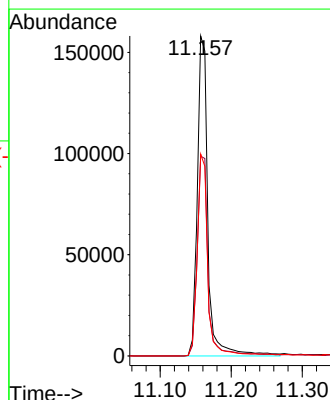
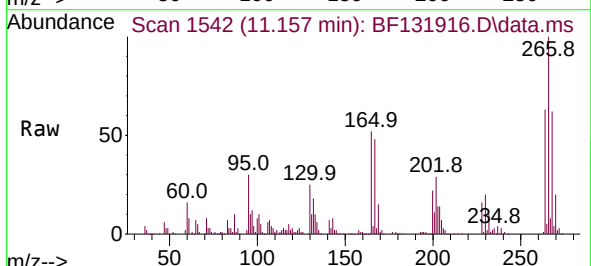
Tgt Ion:266 Resp: 163398

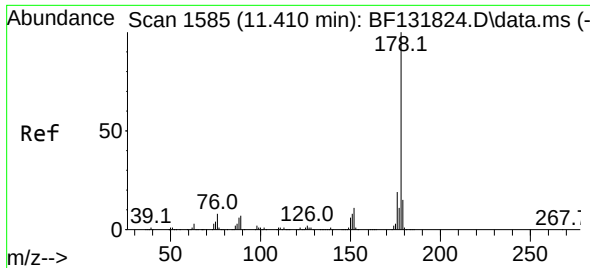
Ion Ratio Lower Upper

266 100

268 62.4 50.5 75.7

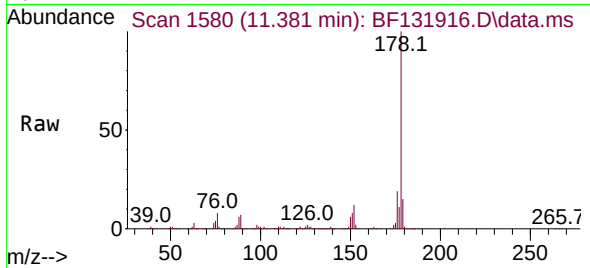
264 63.1 48.3 72.5





#71
Phenanthrene
Concen: 41.799 ng
RT: 11.381 min Scan# 1585
Delta R.T. 0.006 min
Lab File: BF131916.D
Acq: 05 Jan 2023 15:41

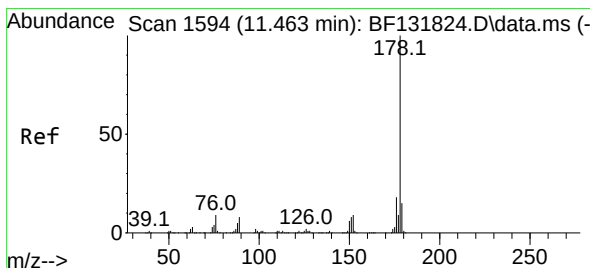
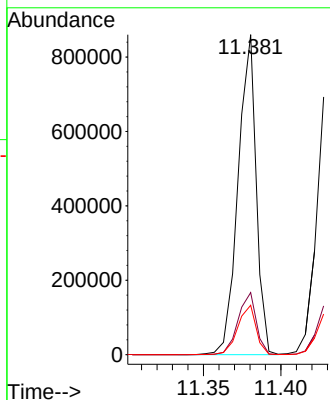
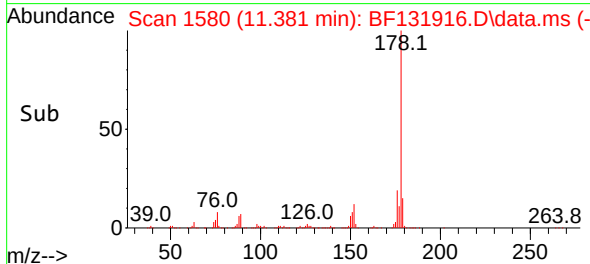
Instrument :
BNA_F
ClientSampleId :
PB150045BS



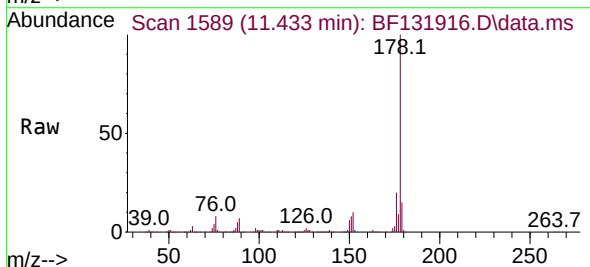
Tgt Ion:178 Resp: 702964
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.4 12.2 18.4

Manual Integrations
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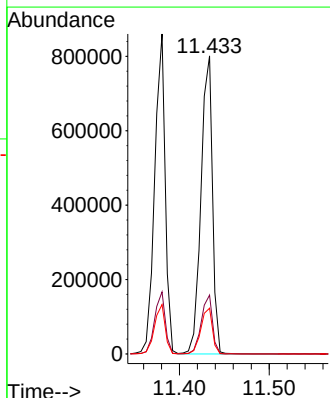
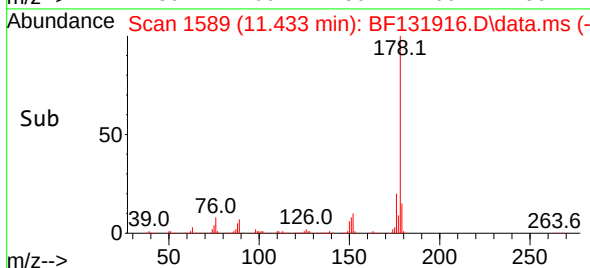
Reviewed By :Christian
Giraldo
01/06/2023
Supervised By :Jagrut
Upadhyay
01/06/2023

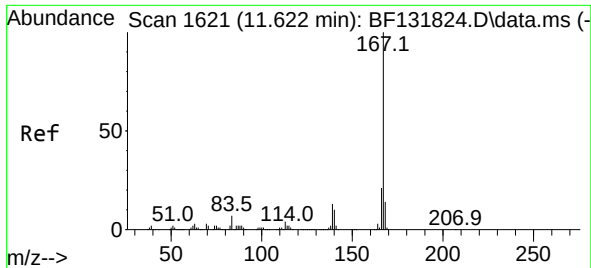


#72
Anthracene
Concen: 43.211 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.006 min
Lab File: BF131916.D
Acq: 05 Jan 2023 15:41



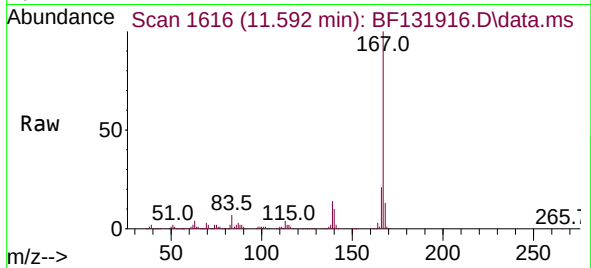
Tgt Ion:178 Resp: 710908
Ion Ratio Lower Upper
178 100
176 19.7 14.8 22.2
179 15.4 12.2 18.2





#73
 Carbazole
 Concen: 43.148 ng
 RT: 11.592 min Scan# 1616
 Delta R.T. 0.006 min
 Lab File: BF131916.D
 Acq: 05 Jan 2023 15:41

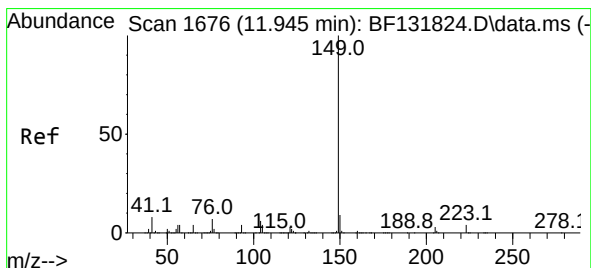
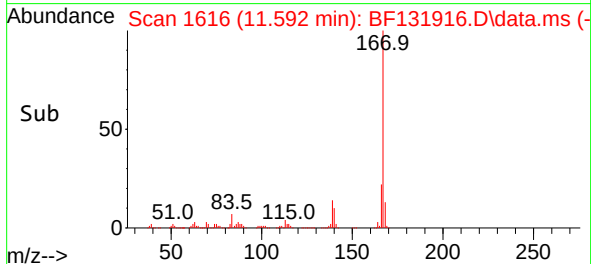
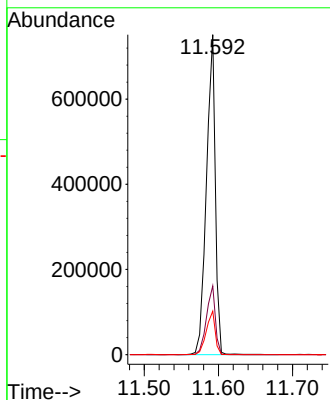
Instrument :
 BNA_F
 ClientSampleId :
 PB150045BS



Tgt Ion:167 Resp: 626690
 Ion Ratio Lower Upper
 167 100
 166 21.5 16.6 24.8
 139 13.6 10.6 15.8

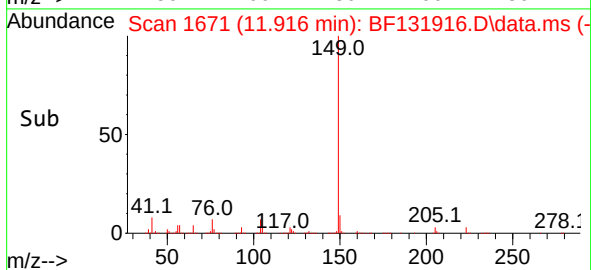
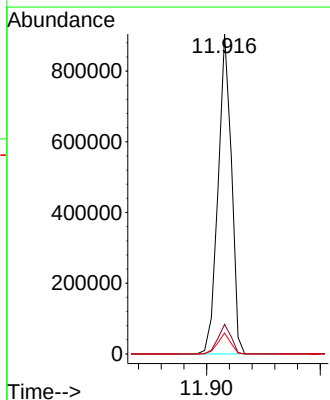
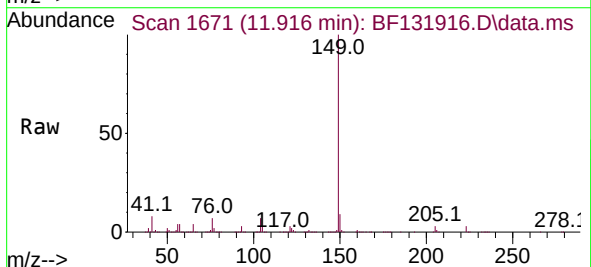
Manual Integrations
 APPROVED

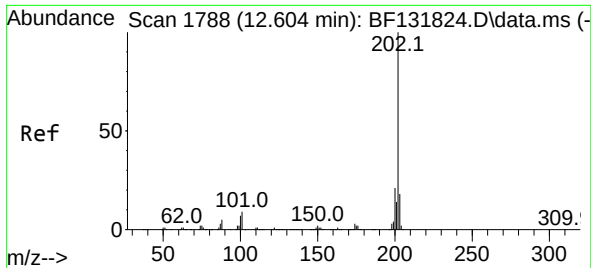
Reviewed By :Christian
 Giraldo
 01/06/2023
 Supervised By :Jagrut
 Upadhyay
 01/06/2023



#74
 Di-n-butylphthalate
 Concen: 41.888 ng
 RT: 11.916 min Scan# 1671
 Delta R.T. 0.000 min
 Lab File: BF131916.D
 Acq: 05 Jan 2023 15:41

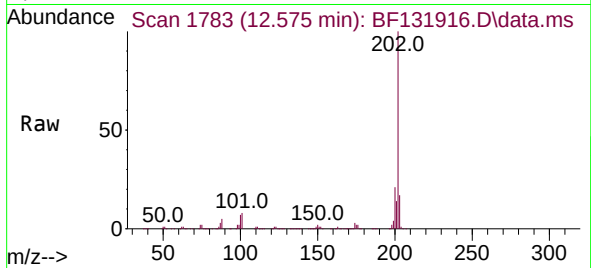
Tgt Ion:149 Resp: 735358
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 6.5 5.1 7.7





#75
Fluoranthene
Concen: 40.673 ng
RT: 12.575 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF131916.D
Acq: 05 Jan 2023 15:41

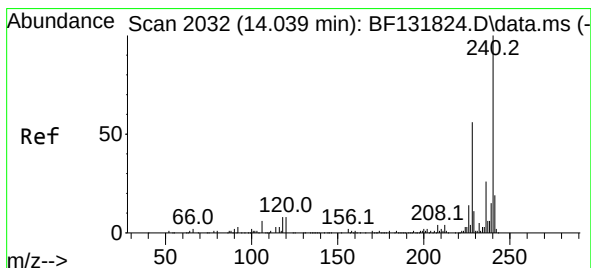
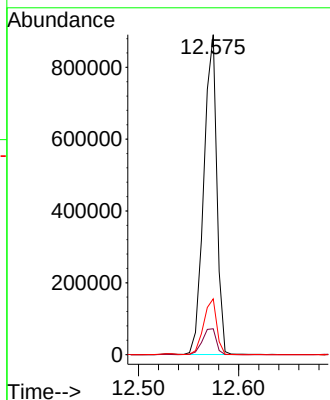
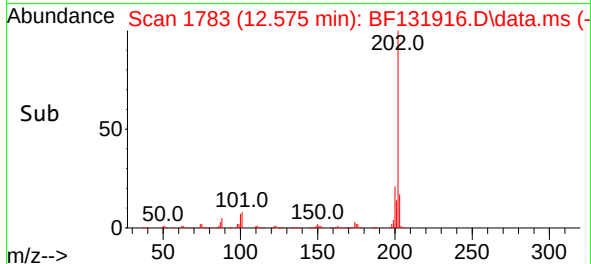
Instrument :
BNA_F
ClientSampleId :
PB150045BS



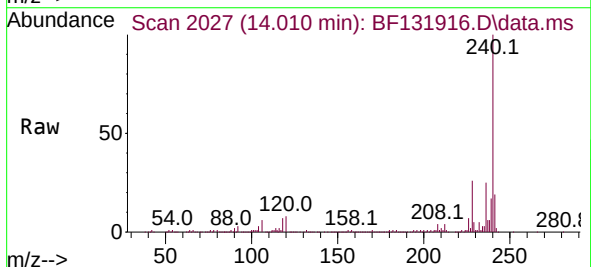
Tgt Ion:202 Resp: 796755
Ion Ratio Lower Upper
202 100
101 8.1 0.0 28.6
203 17.4 0.0 37.8

Manual Integrations
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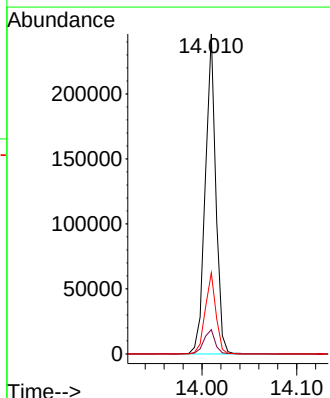
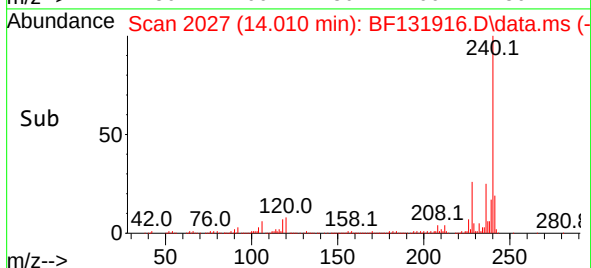
Reviewed By :Christian
Giraldo
01/06/2023
Supervised By :Jagrut
Upadhyay
01/06/2023

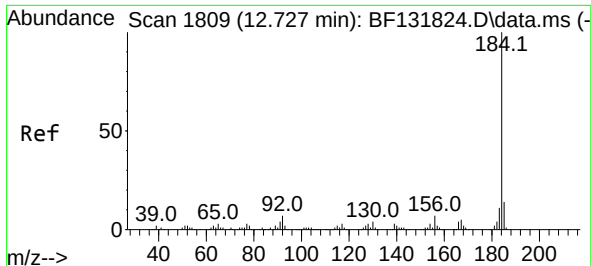


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BF131916.D
Acq: 05 Jan 2023 15:41



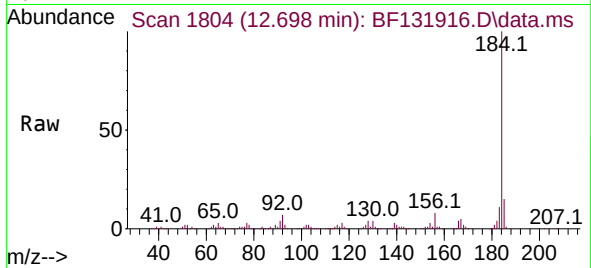
Tgt Ion:240 Resp: 190571
Ion Ratio Lower Upper
240 100
120 7.6 6.7 10.1
236 25.3 20.6 31.0





#77
Benzidine
Concen: 63.929 ng
RT: 12.698 min Scan# 1804
Delta R.T. 0.006 min
Lab File: BF131916.D
Acq: 05 Jan 2023 15:41

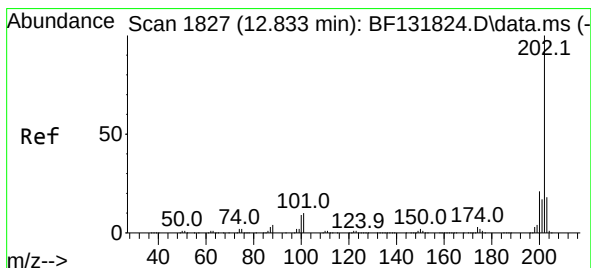
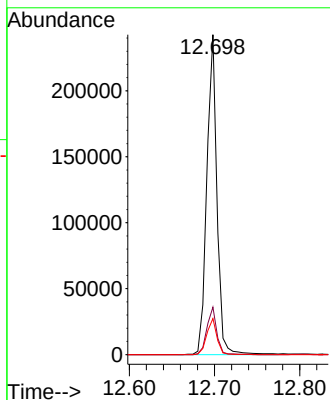
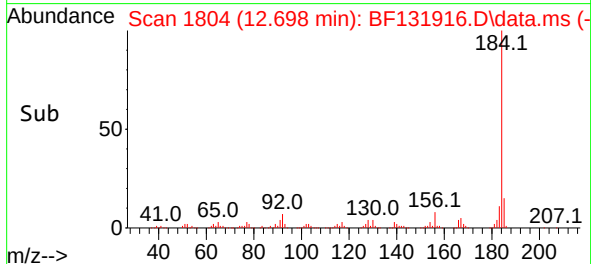
Instrument :
BNA_F
ClientSampleId :
PB150045BS



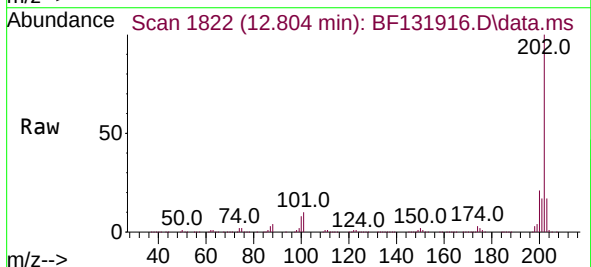
Tgt Ion:184 Resp: 200213
Ion Ratio Lower Upper
184 100
185 14.8 11.6 17.4
183 11.3 9.0 13.4

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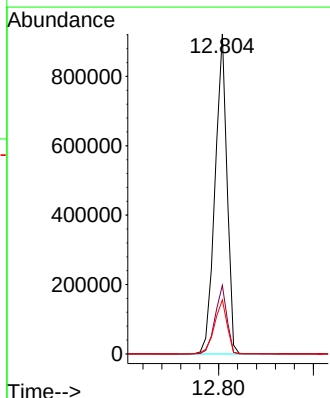
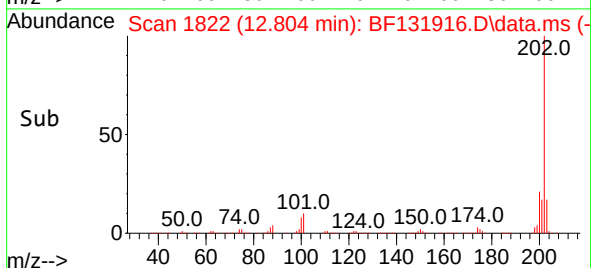
Reviewed By :Christian
Giraldo
01/06/2023
Supervised By :Jagrut
Upadhyay
01/06/2023

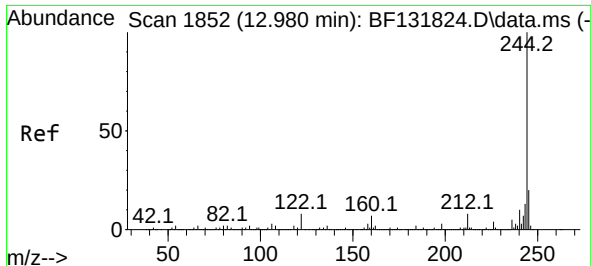


#78
Pyrene
Concen: 50.506 ng
RT: 12.804 min Scan# 1822
Delta R.T. 0.000 min
Lab File: BF131916.D
Acq: 05 Jan 2023 15:41



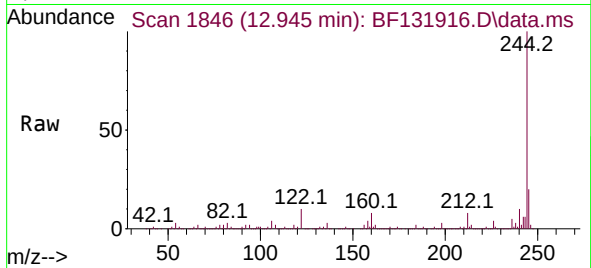
Tgt Ion:202 Resp: 806728
Ion Ratio Lower Upper
202 100
200 21.4 16.7 25.1
203 16.9 14.4 21.6





#79
 Terphenyl-d14
 Concen: 108.359 ng
 RT: 12.945 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: BF131916.D
 Acq: 05 Jan 2023 15:41

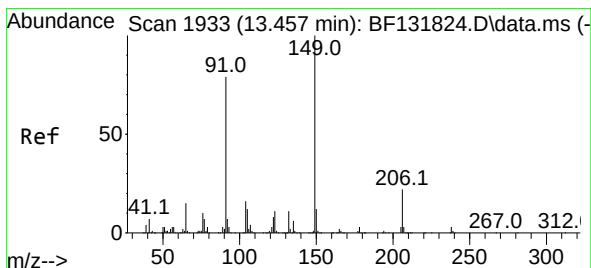
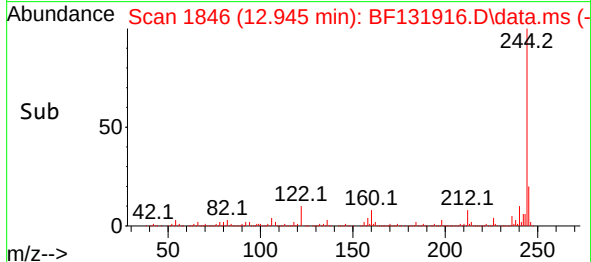
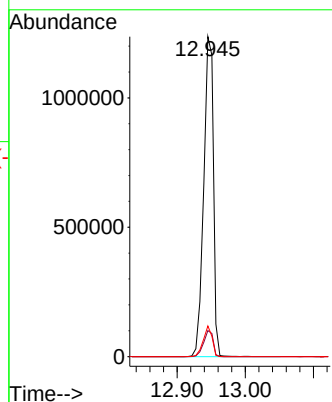
Instrument :
 BNA_F
 ClientSampleId :
 PB150045BS



Tgt Ion:244 Resp: 1220802
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.3 9.5
 122 9.6 6.4 9.6

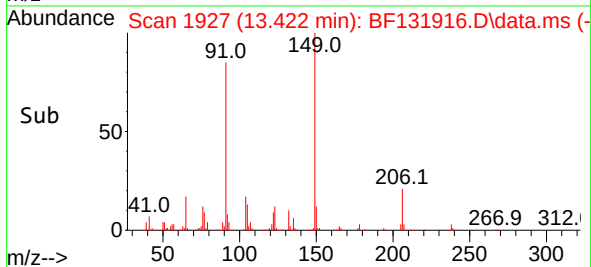
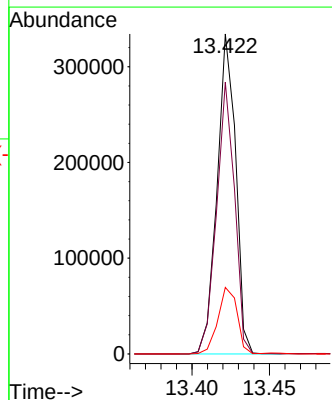
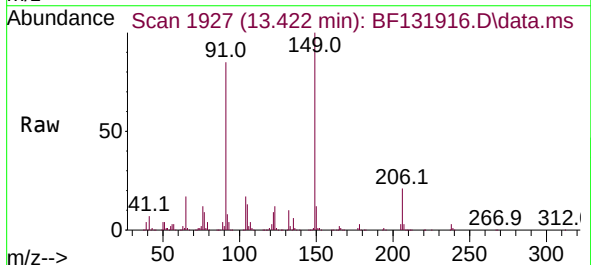
Manual Integrations
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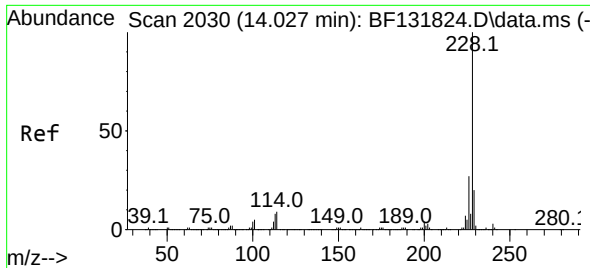
Reviewed By :Christian
 Giraldo
 01/06/2023
 Supervised By :Jagrut
 Upadhyay
 01/06/2023



#80
 Butylbenzylphthalate
 Concen: 47.130 ng
 RT: 13.422 min Scan# 1927
 Delta R.T. 0.000 min
 Lab File: BF131916.D
 Acq: 05 Jan 2023 15:41

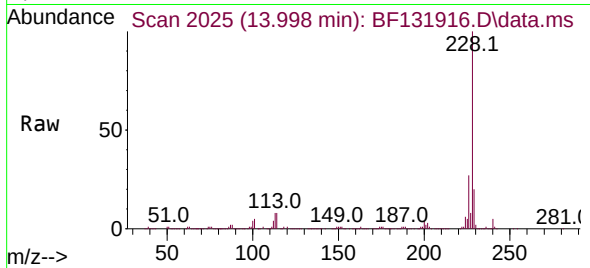
Tgt Ion:149 Resp: 279224
 Ion Ratio Lower Upper
 149 100
 91 84.9 63.2 94.8
 206 20.8 17.9 26.9





#81
Benzo(a)anthracene
Concen: 44.189 ng
RT: 13.998 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF131916.D
Acq: 05 Jan 2023 15:41

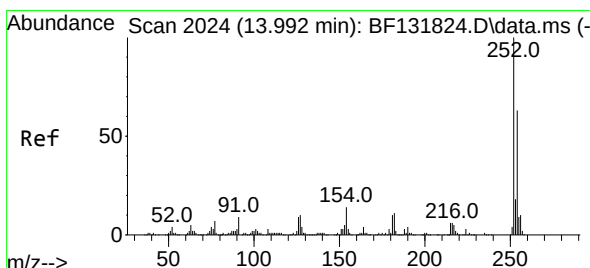
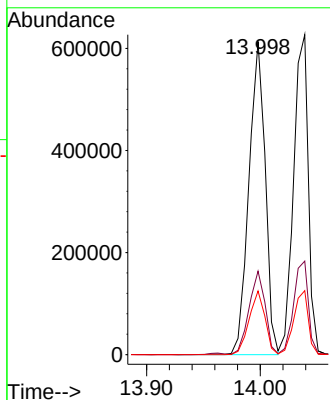
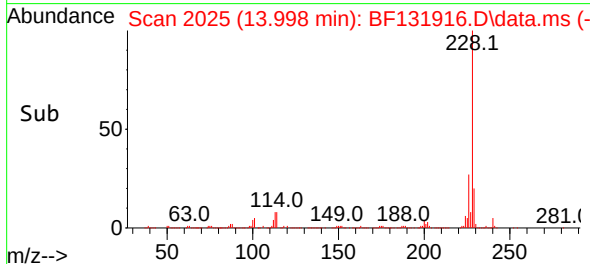
Instrument :
BNA_F
ClientSampleId :
PB150045BS



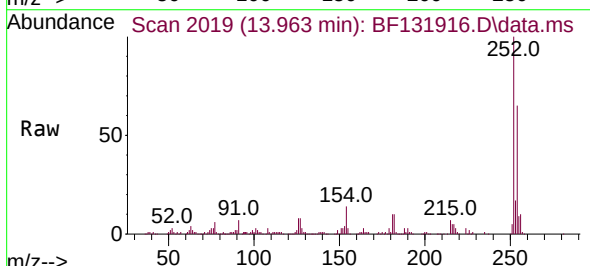
Tgt Ion:228 Resp: 609700
Ion Ratio Lower Upper
228 100
226 26.7 22.0 33.0
229 20.3 16.0 24.0

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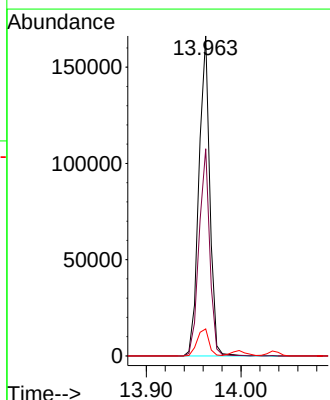
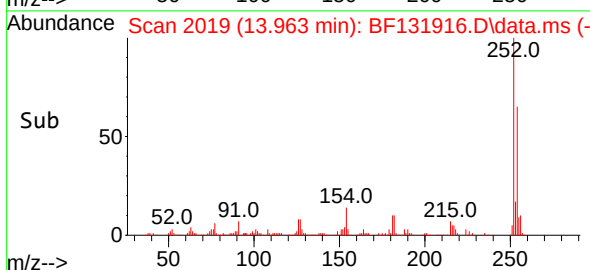
Reviewed By :Christian
Giraldo
01/06/2023
Supervised By :Jagrut
Upadhyay
01/06/2023

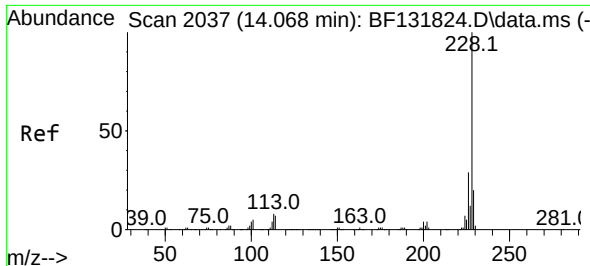


#82
3,3'-Dichlorobenzidine
Concen: 33.164 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF131916.D
Acq: 05 Jan 2023 15:41



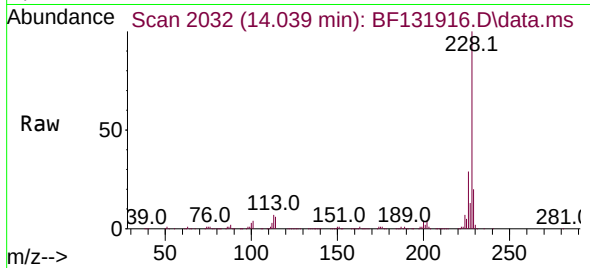
Tgt Ion:252 Resp: 132258
Ion Ratio Lower Upper
252 100
254 64.7 50.4 75.6
126 8.4 7.5 11.3





#83
Chrysene
Concen: 43.556 ng
RT: 14.039 min Scan# 2037
Delta R.T. 0.006 min
Lab File: BF131916.D
Acq: 05 Jan 2023 15:41

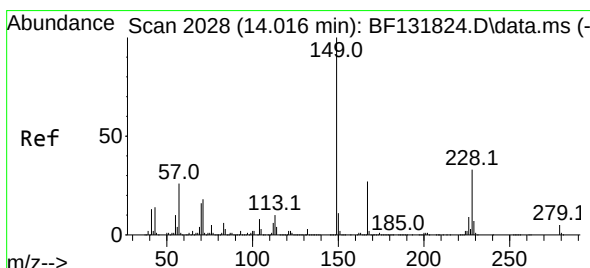
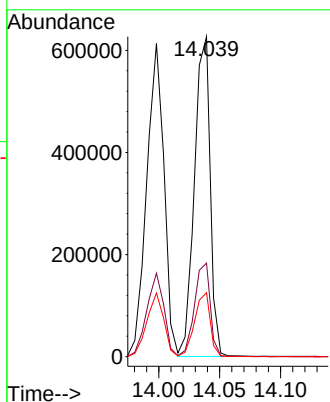
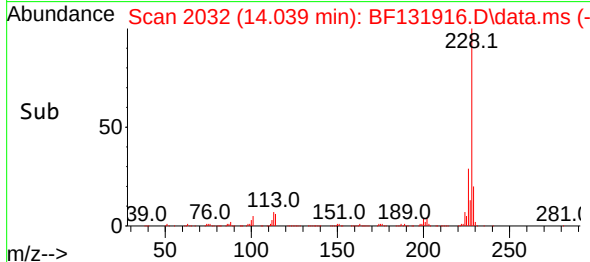
Instrument :
BNA_F
ClientSampleId :
PB150045BS



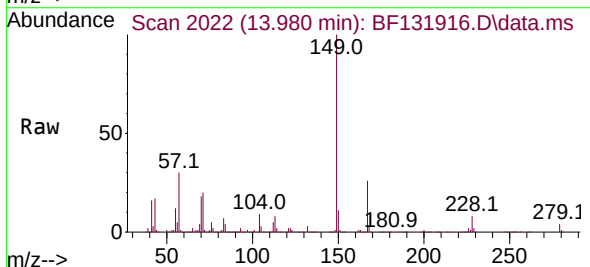
Tgt Ion:228 Resp: 564731
Ion Ratio Lower Upper
228 100
226 29.2 23.5 35.3
229 20.0 16.2 24.2

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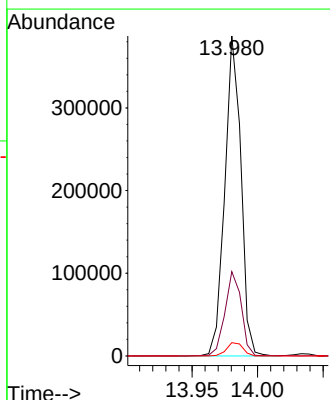
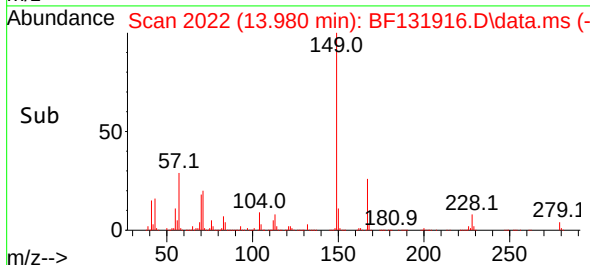
Reviewed By :Christian
Giraldo
01/06/2023
Supervised By :Jagrut
Upadhyay
01/06/2023

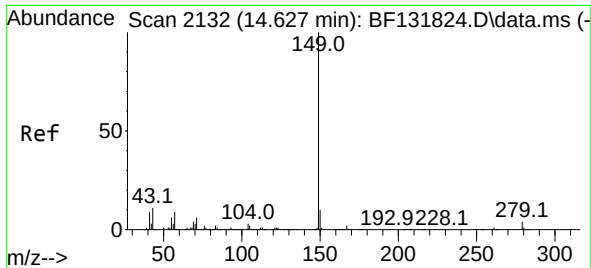


#84
Bis(2-ethylhexyl)phthalate
Concen: 46.008 ng
RT: 13.980 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF131916.D
Acq: 05 Jan 2023 15:41



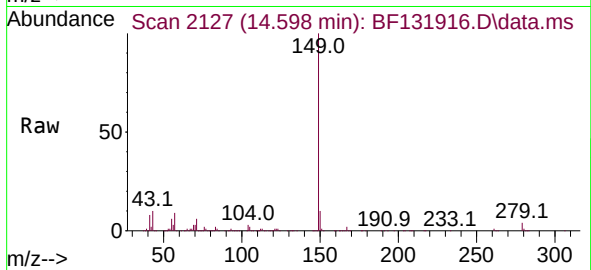
Tgt Ion:149 Resp: 331883
Ion Ratio Lower Upper
149 100
167 26.3 21.8 32.6
279 4.1 3.9 5.9





#85
Di-n-octyl phthalate
Concen: 45.076 ng
RT: 14.598 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BF131916.D
Acq: 05 Jan 2023 15:41

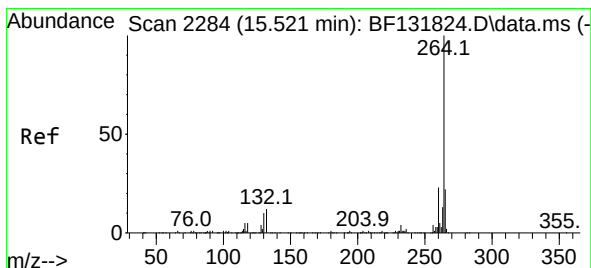
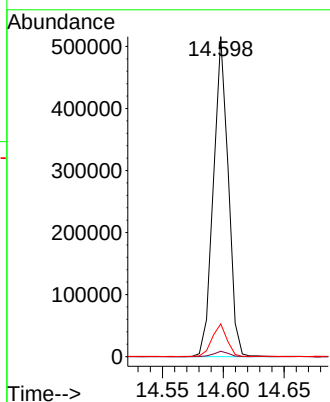
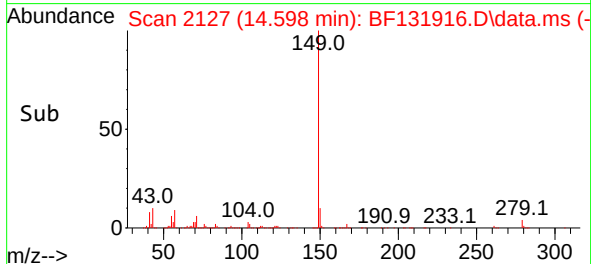
Instrument :
BNA_F
ClientSampleId :
PB150045BS



Tgt Ion:149 Resp: 437729
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 10.1 8.1 12.1

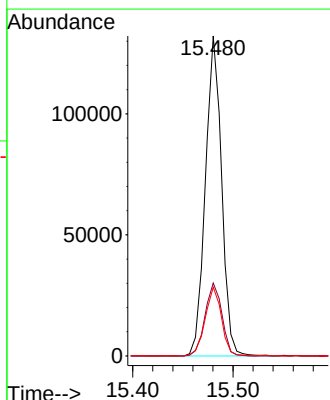
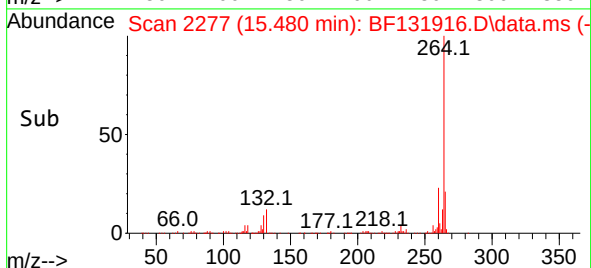
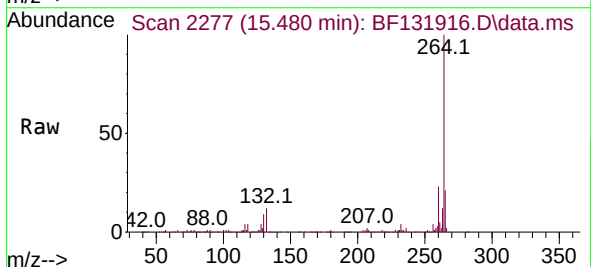
Manual Integrations
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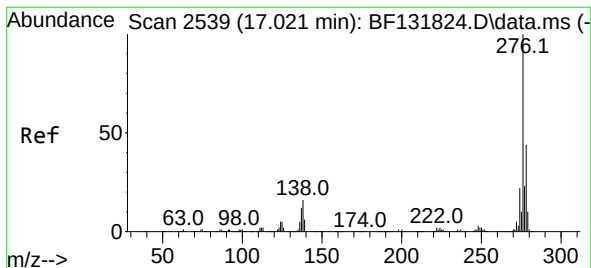
Reviewed By :Christian
Giraldo
01/06/2023
Supervised By :Jagrut
Upadhyay
01/06/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.480 min Scan# 2277
Delta R.T. 0.000 min
Lab File: BF131916.D
Acq: 05 Jan 2023 15:41

Tgt Ion:264 Resp: 147820
Ion Ratio Lower Upper
264 100
260 22.8 18.6 28.0
265 21.5 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.963 ng

RT: 16.962 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF131916.D

Acq: 05 Jan 2023 15:41

Instrument :

BNA_F

ClientSampleId :

PB150045BS

Tgt Ion:276 Resp: 46920

Ion Ratio Lower Upper

276 100

138 17.5 14.5 21.7

277 24.6 19.7 29.5

Manual Integrations

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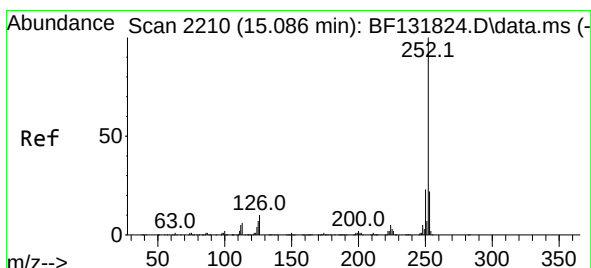
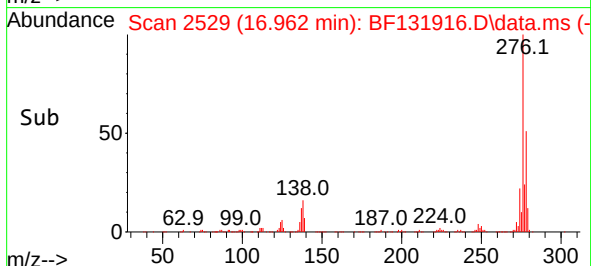
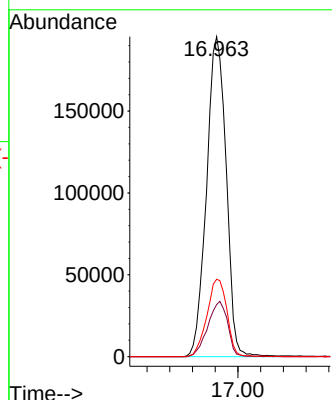
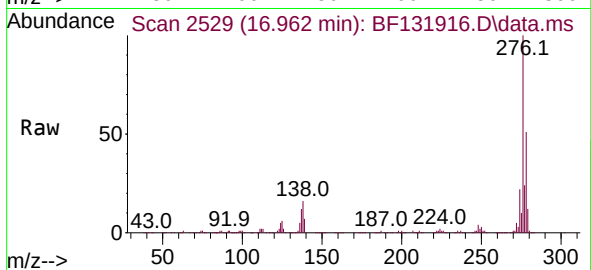
Giraldo

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Upadhyay

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#88

Benzo(b)fluoranthene

Concen: 45.635 ng

RT: 15.051 min Scan# 2204

Delta R.T. 0.000 min

Lab File: BF131916.D

Acq: 05 Jan 2023 15:41

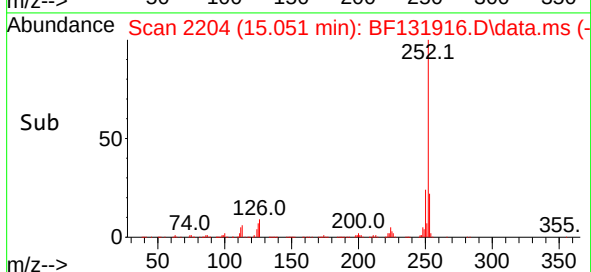
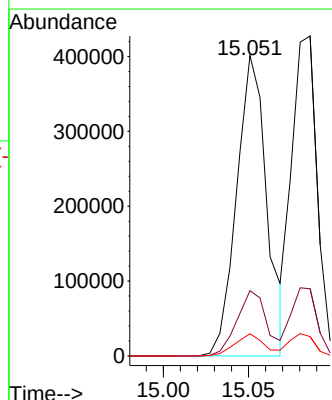
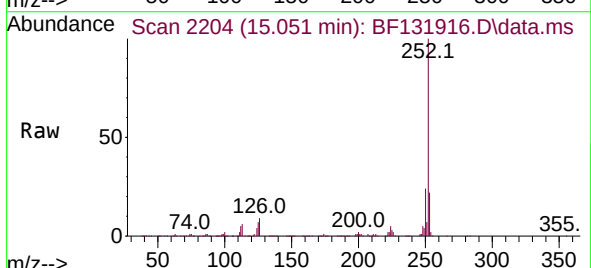
Tgt Ion:252 Resp: 494629

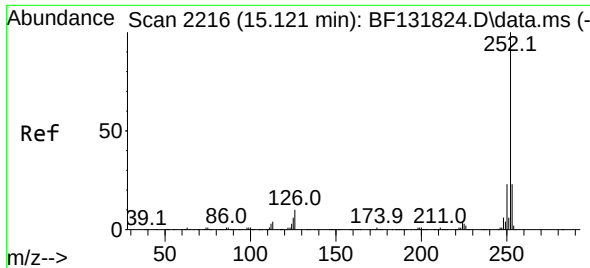
Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

125 7.4 5.8 8.8





#89

Benzo(k)fluoranthene

Concen: 42.446 ng

RT: 15.086 min Scan# 2216

Delta R.T. 0.006 min

Lab File: BF131916.D

Acq: 05 Jan 2023 15:41

Instrument :

BNA_F

ClientSampleId :

PB150045BS

Tgt Ion:252 Resp: 444519

Ion Ratio Lower Upper

252 100

253 21.0 17.7 26.5

125 6.0 5.4 8.0

Manual Integrations

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Reviewed By :Christian

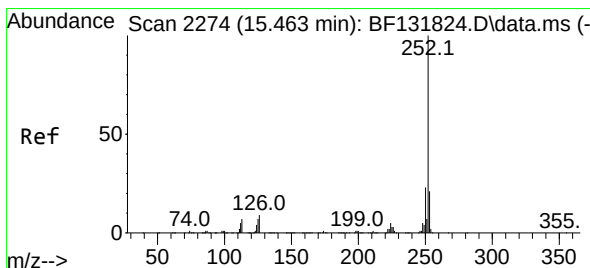
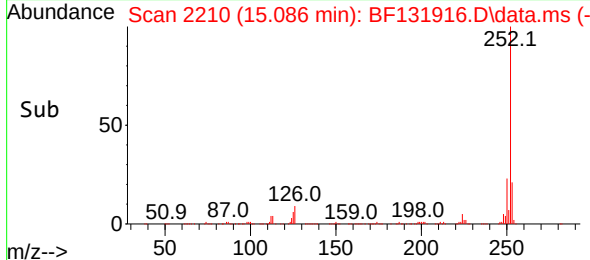
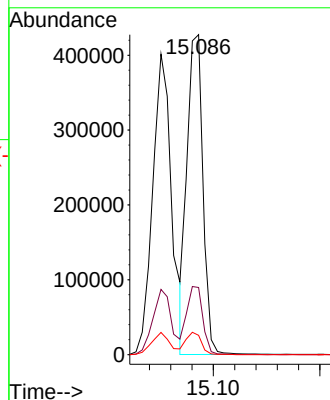
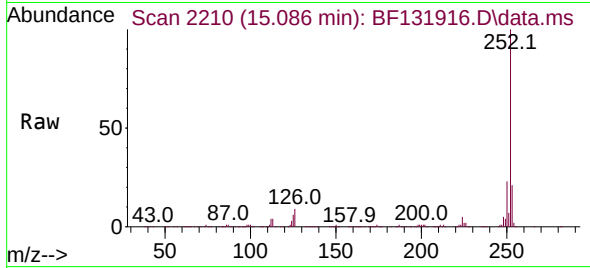
Giraldo

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Supervised By :Jagrut

Upadhyay

01/06/2023



#90

Benzo(a)pyrene

Concen: 47.365 ng

RT: 15.421 min Scan# 2267

Delta R.T. 0.000 min

Lab File: BF131916.D

Acq: 05 Jan 2023 15:41

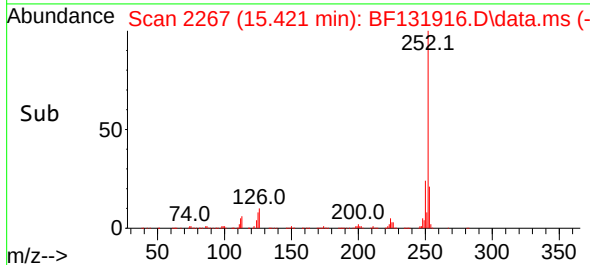
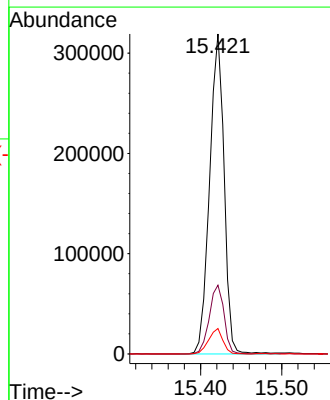
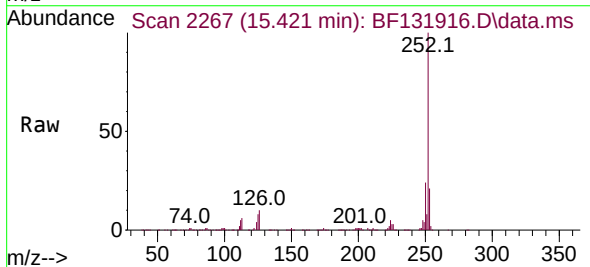
Tgt Ion:252 Resp: 397457

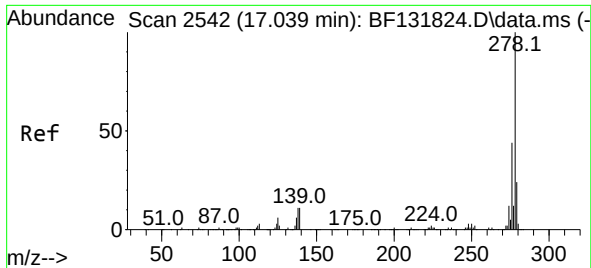
Ion Ratio Lower Upper

252 100

253 21.5 16.6 24.8

125 7.9 5.8 8.8





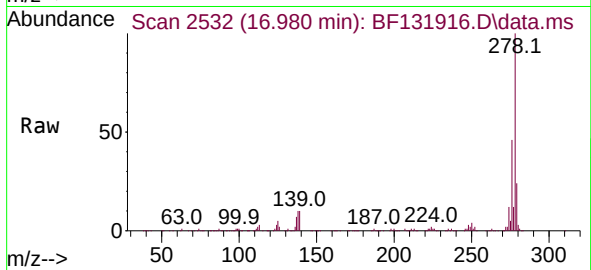
#91
Dibenzo(a,h)anthracene
Concen: 50.863 ng
RT: 16.980 min Scan# 2532
Delta R.T. 0.006 min
Lab File: BF131916.D
Acq: 05 Jan 2023 15:41

Instrument :

BNA_F

ClientSampleId :

PB150045BS

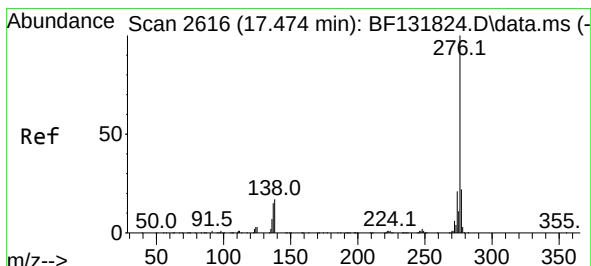
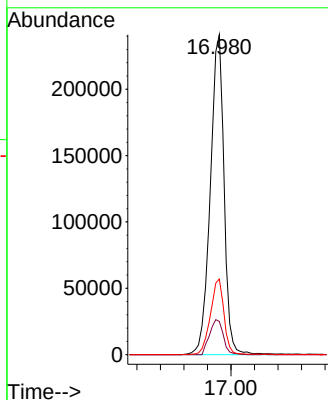
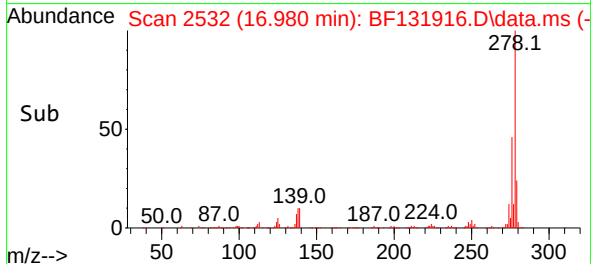


Tgt Ion:278 Resp: 391260
Ion Ratio Lower Upper
278 100
139 10.4 8.6 12.8
279 23.6 19.0 28.4

Manual Integrations
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Reviewed By :Christian
Giraldo
01/06/2023

Supervised By :Jagrut
Upadhyay
01/06/2023



#92
Benzo(g,h,i)perylene
Concen: 43.056 ng
RT: 17.410 min Scan# 2605
Delta R.T. 0.000 min
Lab File: BF131916.D
Acq: 05 Jan 2023 15:41

Tgt Ion:276 Resp: 386224
Ion Ratio Lower Upper
276 100
277 23.9 17.9 26.9
138 15.9 13.7 20.5

