

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113022\
 Data File : BF131472.D
 Acq On : 30 Nov 2022 15:35
 Operator : CG\JU
 Sample : N5793-03MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-40-SB02MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/01/2022
 Supervised By : Jagrut Upadhyay 12/01/2022

Quant Time: Dec 01 01:12:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 01 01:09:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	105102	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	386492	20.000	ng	# 0.00
39) Acenaphthene-d10	10.004	164	231192	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	473488	20.000	ng	0.00
76) Chrysene-d12	14.163	240	314559	20.000	ng	# 0.00
86) Perylene-d12	15.692	264	241252	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	858532	155.465	ng	0.02
7) Phenol-d6	6.581	99	1089679	154.655	ng	0.01
23) Nitrobenzene-d5	7.516	82	600318	78.297	ng	0.00
42) 2,4,6-Tribromophenol	10.804	330	324323	166.744	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1082657	68.128	ng	0.00
79) Terphenyl-d14	13.098	244	1315385	68.382	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.857	88	109254	41.498	ng	97
3) Pyridine	3.604	79	294743	40.318	ng	92
4) n-Nitrosodimethylamine	3.581	42	177645	41.207	ng	93
6) Aniline	6.610	93	448049m	48.521	ng	
8) 2-Chlorophenol	6.734	128	388960	62.170	ng	96
9) Benzaldehyde	6.498	77	193462	46.352	ng	97
10) Phenol	6.593	94	496840	63.600	ng	88
11) bis(2-Chloroethyl)ether	6.681	93	371207	56.715	ng	99
12) 1,3-Dichlorobenzene	6.887	146	344154	46.155	ng	99
13) 1,4-Dichlorobenzene	6.969	146	348557	46.005	ng	97
14) 1,2-Dichlorobenzene	7.116	146	327592	46.958	ng	98
15) Benzyl Alcohol	7.093	79	284673	49.275	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.222	45	527484	42.141	ng	95
17) 2-Methylphenol	7.198	107	262978	49.317	ng	97
18) Hexachloroethane	7.463	117	133245	49.162	ng	98
19) n-Nitroso-di-n-propyla...	7.369	70	234628	45.488	ng	91
20) 3+4-Methylphenols	7.351	107	324727m	47.695	ng	
22) Acetophenone	7.363	105	445940	45.329	ng	# 96
24) Nitrobenzene	7.534	77	358857	44.923	ng	99
25) Isophorone	7.775	82	664946	48.611	ng	99
26) 2-Nitrophenol	7.851	139	180775	66.945	ng	92
27) 2,4-Dimethylphenol	7.887	122	308291	58.136	ng	97
28) bis(2-Chloroethoxy)met...	7.987	93	399586	51.431	ng	99
29) 2,4-Dichlorophenol	8.092	162	275157	47.836	ng	100
30) 1,2,4-Trichlorobenzene	8.175	180	307777	43.193	ng	100
31) Naphthalene	8.263	128	931666	45.235	ng	100
32) Benzoic acid	8.016	122	199485	56.472	ng	96
33) 4-Chloroaniline	8.304	127	181872	22.383	ng	98
34) Hexachlorobutadiene	8.375	225	209782	45.465	ng	99
35) Caprolactam	8.698	113	111299m	73.634	ng	
36) 4-Chloro-3-methylphenol	8.792	107	312585	52.307	ng	96
37) 2-Methylnaphthalene	8.957	142	596048	42.712	ng	100
38) 1-Methylnaphthalene	9.057	142	564597	41.722	ng	99
40) 1,2,4,5-Tetrachloroben...	9.122	216	309119	41.202	ng	99
41) Hexachlorocyclopentadiene	9.104	237	381269	113.046	ng	99
43) 2,4,6-Trichlorophenol	9.234	196	225543	52.993	ng	97

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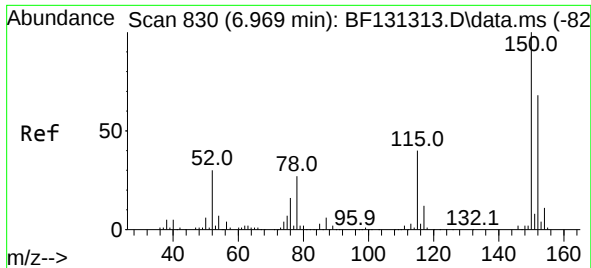
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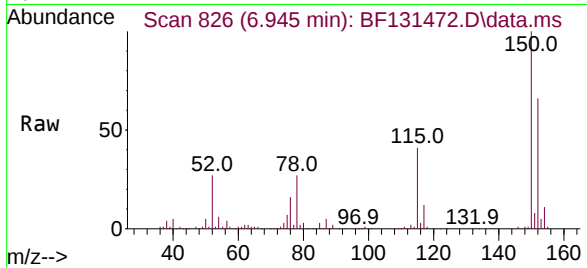
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	231211	48.311	ng	97
46) 1,1'-Biphenyl	9.422	154	746544	42.315	ng	98
47) 2-Chloronaphthalene	9.451	162	589177	41.629	ng	99
48) 2-Nitroaniline	9.545	65	215416	50.129	ng	99
49) Acenaphthylene	9.869	152	926123	42.927	ng	99
50) Dimethylphthalate	9.728	163	696229	43.223	ng	99
51) 2,6-Dinitrotoluene	9.792	165	159153	49.405	ng	# 76
52) Acenaphthene	10.039	154	684485m	50.666	ng	
53) 3-Nitroaniline	9.963	138	113325	34.236	ng	93
54) 2,4-Dinitrophenol	10.069	184	180804	106.872	ng	# 82
55) Dibenzofuran	10.216	168	976281	50.231	ng	97
56) 4-Nitrophenol	10.128	139	305129	132.820	ng	86
57) 2,4-Dinitrotoluene	10.198	165	259923	64.128	ng	89
58) Fluorene	10.563	166	756410	49.867	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.328	232	231816	58.162	ng	96
60) Diethylphthalate	10.428	149	788834	51.864	ng	99
61) 4-Chlorophenyl-phenyle...	10.551	204	388357	49.943	ng	95
62) 4-Nitroaniline	10.586	138	190596	57.856	ng	86
63) Azobenzene	10.710	77	797184	48.745	ng	93
65) 4,6-Dinitro-2-methylph...	10.604	198	134018	60.899	ng	85
66) n-Nitrosodiphenylamine	10.669	169	684010	45.336	ng	99
67) 4-Bromophenyl-phenylether	11.045	248	257120	44.306	ng	96
68) Hexachlorobenzene	11.104	284	276306	44.861	ng	97
69) Atrazine	11.204	200	250803	53.991	ng	99
70) Pentachlorophenol	11.304	266	310214	86.272	ng	99
71) Phenanthrene	11.533	178	1130108	44.164	ng	99
72) Anthracene	11.580	178	1157182	46.015	ng	99
73) Carbazole	11.739	167	1022090	47.647	ng	99
74) Di-n-butylphthalate	12.063	149	1227777	48.572	ng	99
75) Fluoranthene	12.727	202	1220631	45.269	ng	99
77) Benzidine	12.845	184	597115	102.768	ng	96
78) Pyrene	12.957	202	1237896	44.604	ng	99
80) Butylbenzylphthalate	13.574	149	480258	51.139	ng	93
81) Benzo(a)anthracene	14.151	228	965605	44.784	ng	99
82) 3,3'-Dichlorobenzidine	14.110	252	185240	32.376	ng	99
83) Chrysene	14.186	228	918278	43.409	ng	99
84) Bis(2-ethylhexyl)phtha...	14.127	149	640943	51.436	ng	100
85) Di-n-octyl phthalate	14.757	149	914430	50.952	ng	94
87) Indeno(1,2,3-cd)pyrene	17.257	276	798609	49.286	ng	98
88) Benzo(b)fluoranthene	15.239	252	766418	47.821	ng	99
89) Benzo(k)fluoranthene	15.268	252	753823	45.769	ng	99
90) Benzo(a)pyrene	15.627	252	653198	49.671	ng	# 98
91) Dibenzo(a,h)anthracene	17.286	278	669812	50.069	ng	98
92) Benzo(g,h,i)perylene	17.739	276	686940	51.449	ng	98

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.945 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF131472.D
 Acq: 30 Nov 2022 15:35

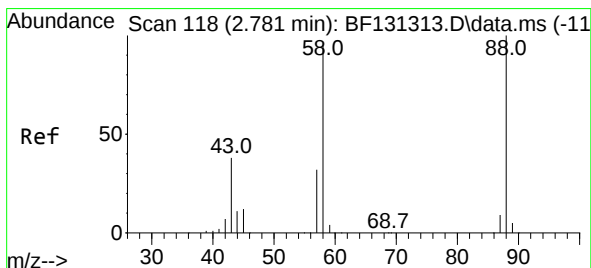
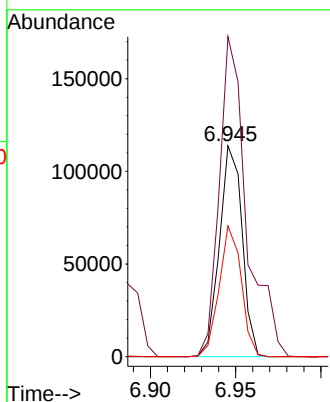
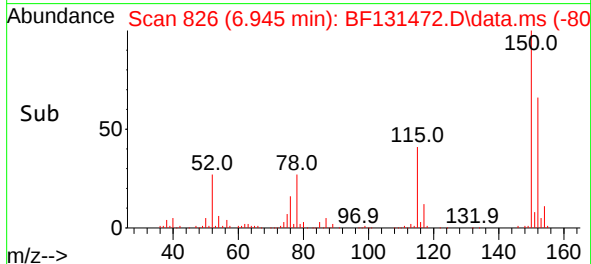
Instrument :
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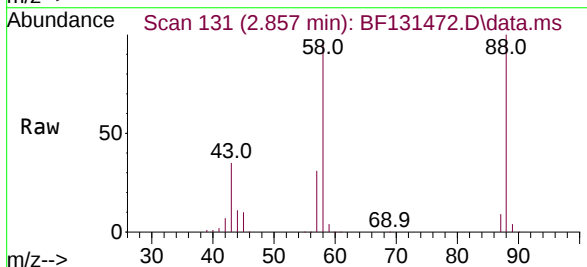
Tgt Ion:152 Resp: 105102
 Ion Ratio Lower Upper
 152 100
 150 151.8 117.8 176.8
 115 62.0 47.1 70.7

Manual Integrations
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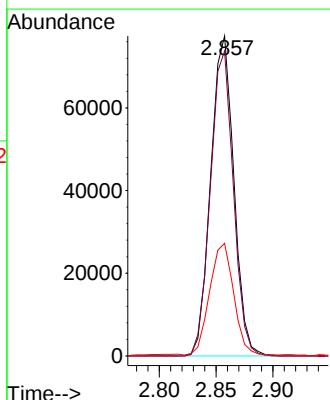
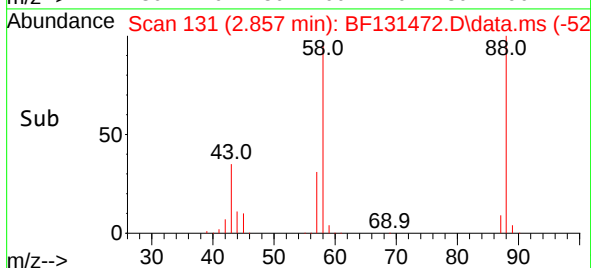
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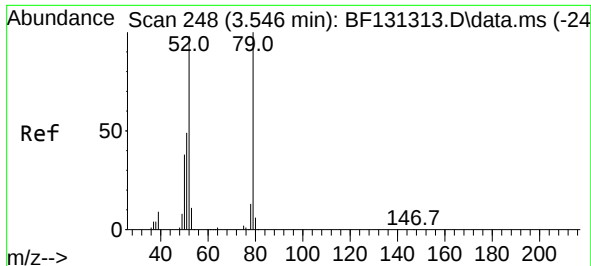


#2
 1,4-Dioxane
 Concen: 41.498 ng
 RT: 2.857 min Scan# 131
 Delta R.T. 0.112 min
 Lab File: BF131472.D
 Acq: 30 Nov 2022 15:35



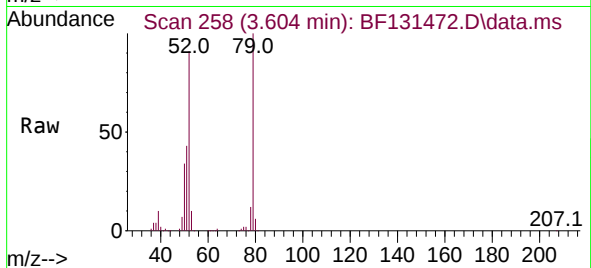
Tgt Ion: 88 Resp: 109254
 Ion Ratio Lower Upper
 88 100
 58 94.8 78.2 117.4
 43 36.7 31.6 47.4





#3
Pyridine
Concen: 40.318 ng
RT: 3.604 min Scan# 21
Delta R.T. 0.088 min
Lab File: BF131472.D
Acq: 30 Nov 2022 15:35

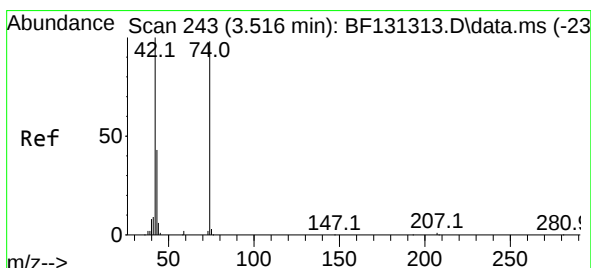
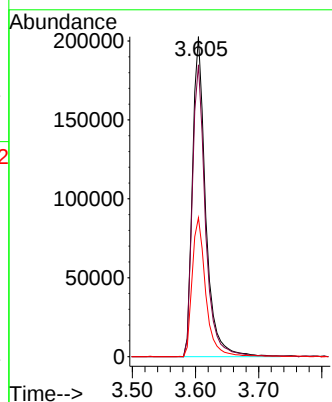
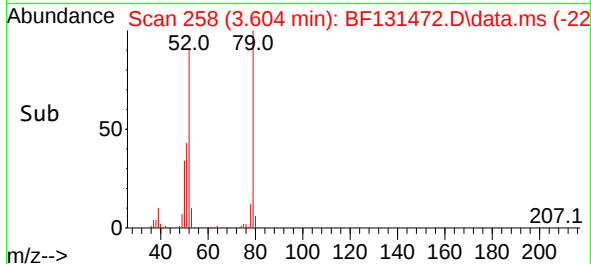
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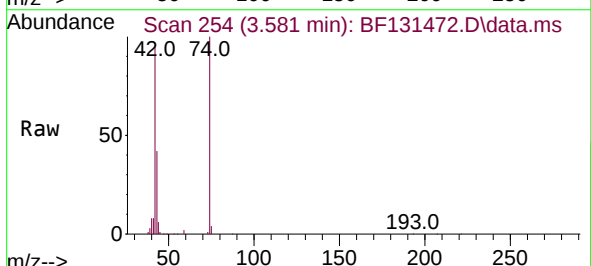
Tgt Ion: 79 Resp: 294743
Ion Ratio Lower Upper
79 100
52 91.2 78.7 118.1
51 43.4 39.3 58.9

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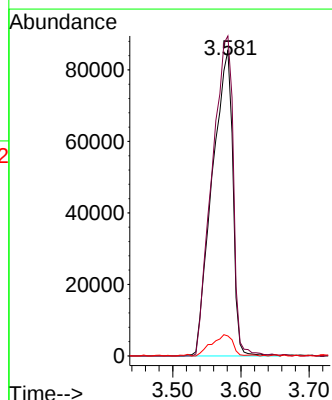
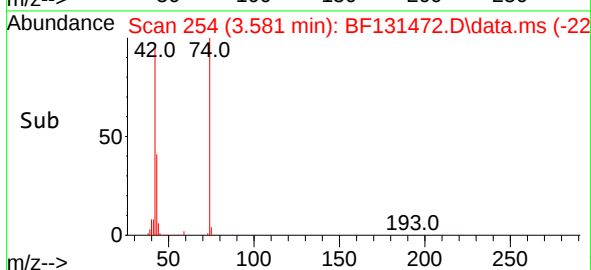
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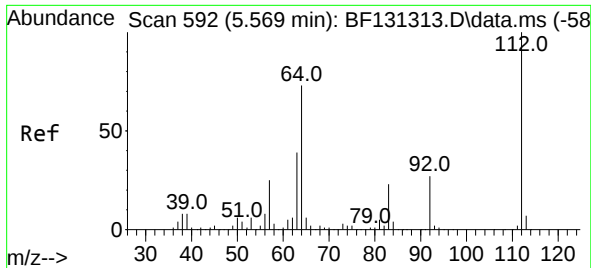


#4
n-Nitrosodimethylamine
Concen: 41.207 ng
RT: 3.581 min Scan# 254
Delta R.T. 0.094 min
Lab File: BF131472.D
Acq: 30 Nov 2022 15:35



Tgt Ion: 42 Resp: 177645
Ion Ratio Lower Upper
42 100
74 104.8 78.0 117.0
44 6.5 5.2 7.8





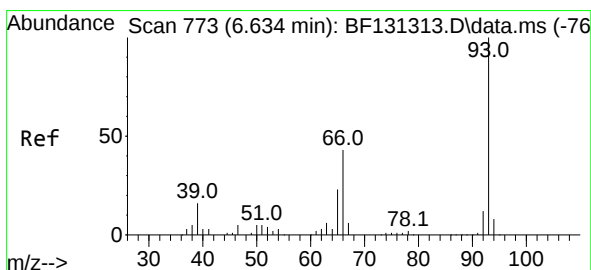
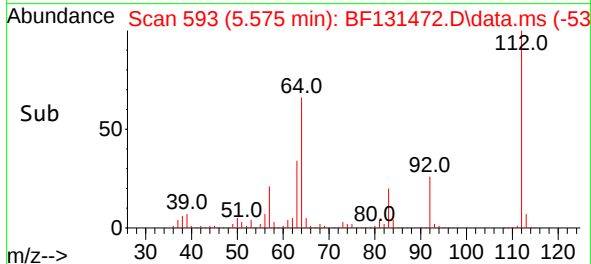
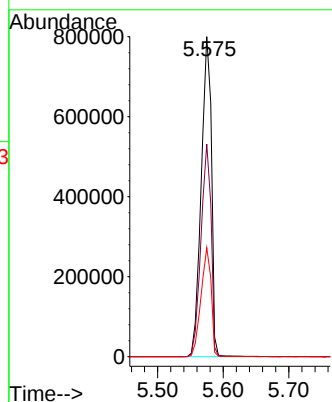
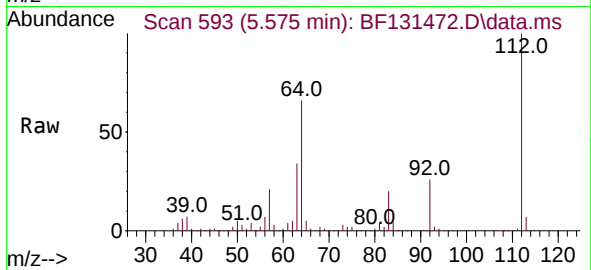
#5
2-Fluorophenol
Concen: 155.465 ng
RT: 5.575 min Scan# 592
Delta R.T. 0.018 min
Lab File: BF131472.D
Acq: 30 Nov 2022 15:35

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Tgt Ion:112 Resp: 858532
Ion Ratio Lower Upper
112 100
64 66.4 58.6 88.0
63 34.0 31.4 47.0

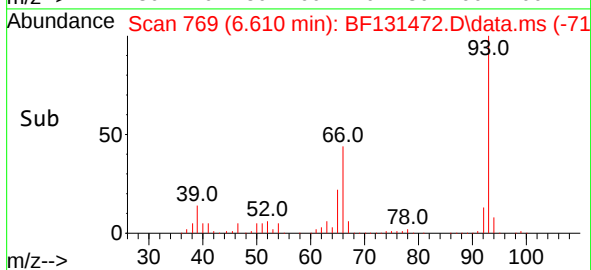
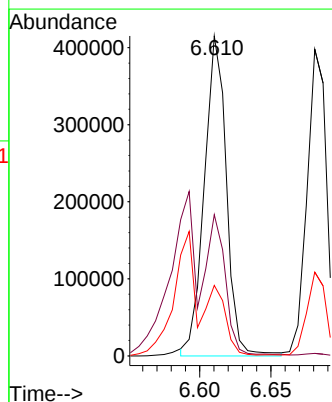
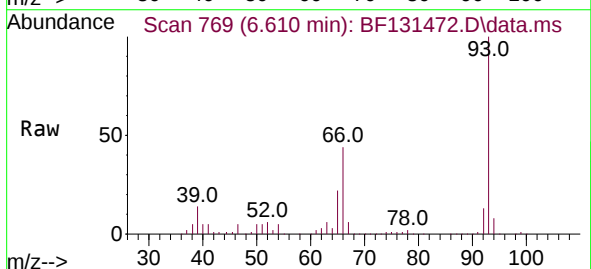
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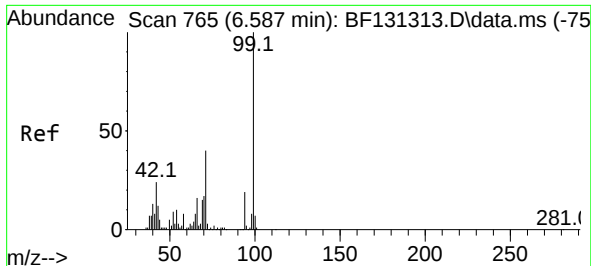
Reviewed By :Christian Giraldo 12/01/2022
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#6
Aniline
Concen: 48.521 ng m
RT: 6.610 min Scan# 769
Delta R.T. 0.000 min
Lab File: BF131472.D
Acq: 30 Nov 2022 15:35

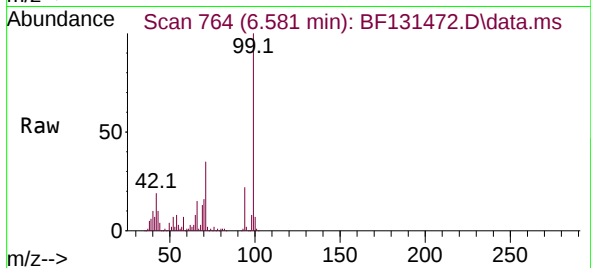
Tgt Ion: 93 Resp: 448049
Ion Ratio Lower Upper
93 100
66 44.1 35.6 53.4
65 22.0 18.4 27.6





#7
Phenol-d6
Concen: 154.655 ng
RT: 6.581 min Scan# 764
Delta R.T. 0.012 min
Lab File: BF131472.D
Acq: 30 Nov 2022 15:35

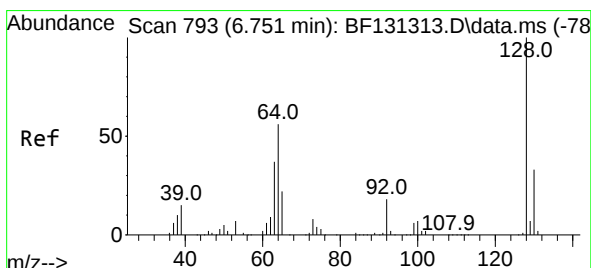
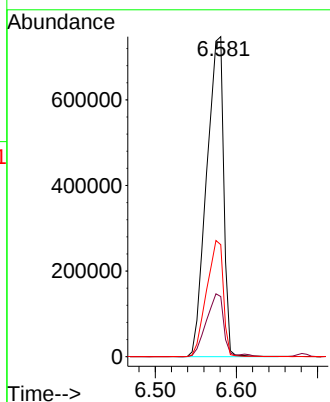
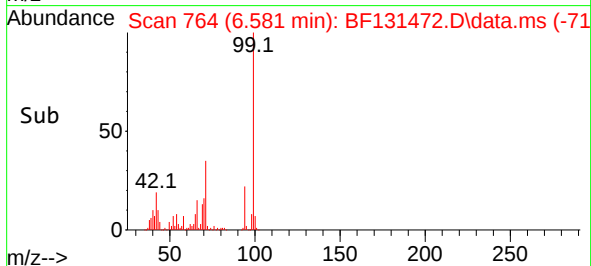
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Tgt Ion: 99 Resp: 1089679
Ion Ratio Lower Upper
99 100
42 18.8 19.4 29.2
71 35.0 32.3 48.5

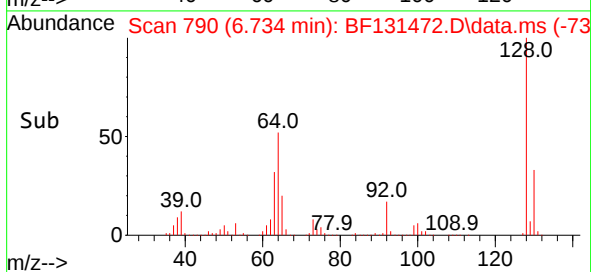
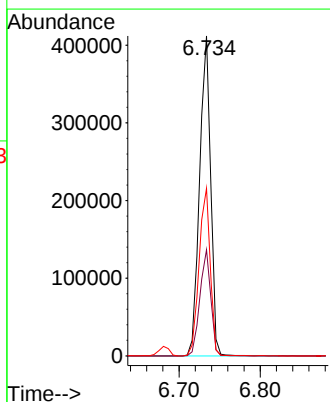
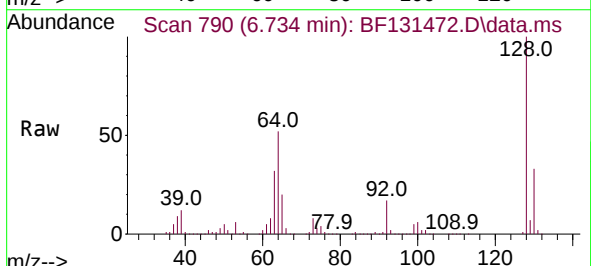
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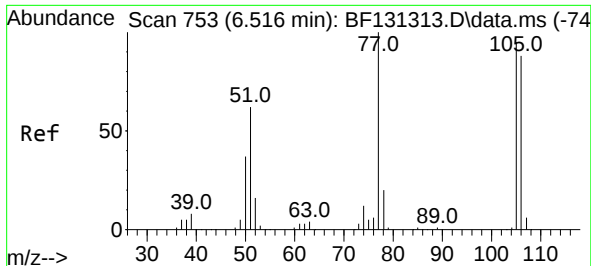
Reviewed By :Christian Giraldo 12/01/2022
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#8
2-Chlorophenol
Concen: 62.170 ng
RT: 6.734 min Scan# 790
Delta R.T. 0.000 min
Lab File: BF131472.D
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Tgt Ion:128 Resp: 388960
Ion Ratio Lower Upper
128 100
130 33.2 12.5 52.5
64 52.4 36.9 76.9





#9
Benzaldehyde
Concen: 46.352 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF131472.D
Acq: 30 Nov 2022 15:35

Instrument :

BNA_F

ClientSampleId :

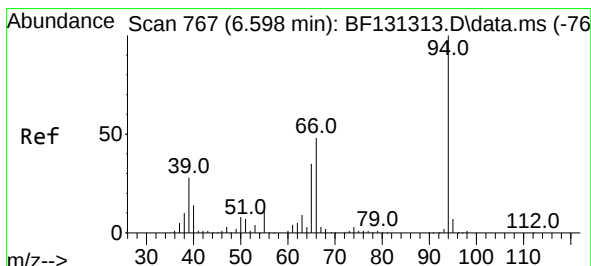
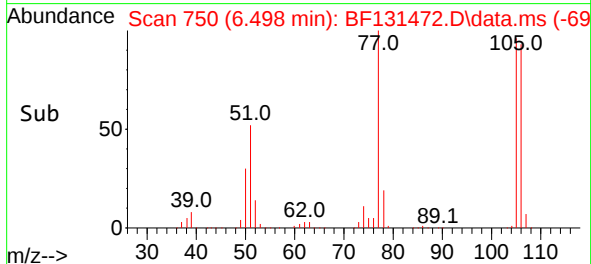
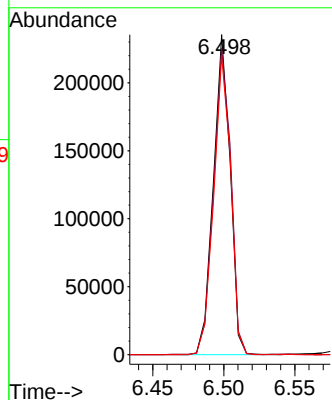
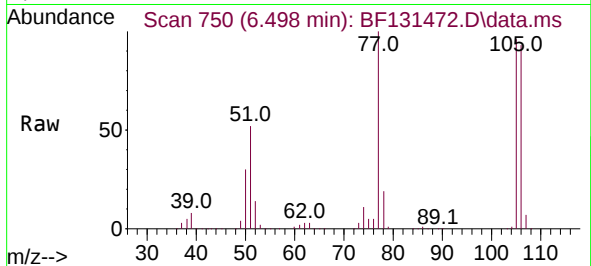
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Tgt Ion: 77 Resp: 193462
Ion Ratio Lower Upper
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105 95.9 74.5 114.5
106 93.3 68.1 108.1

Manual Integrations

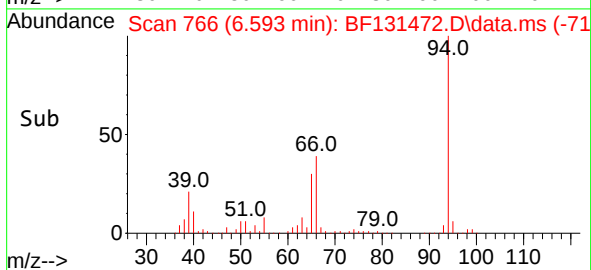
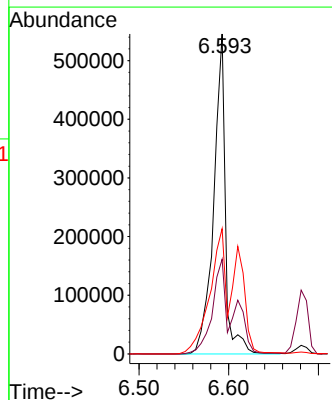
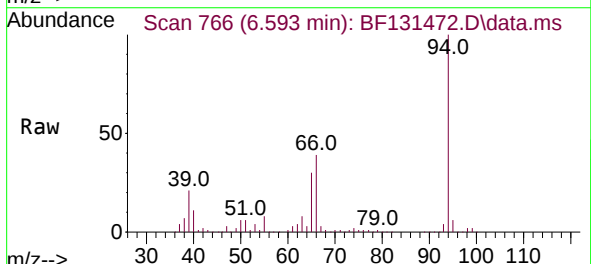
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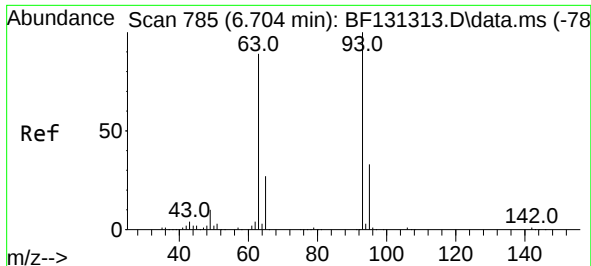
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Supervised By :Jagrut Upadhyay 12/01/2022



#10
Phenol
Concen: 63.600 ng
RT: 6.593 min Scan# 766
Delta R.T. 0.006 min
Lab File: BF131472.D
Acq: 30 Nov 2022 15:35

Tgt Ion: 94 Resp: 496840
Ion Ratio Lower Upper
94 100
65 29.6 15.0 55.0
66 39.1 28.6 68.6





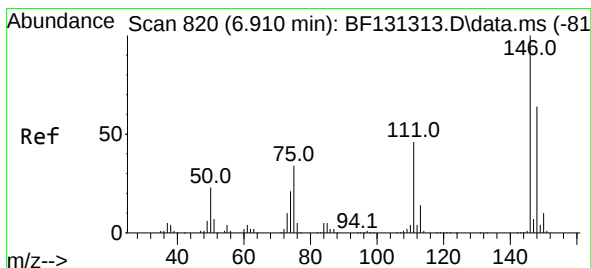
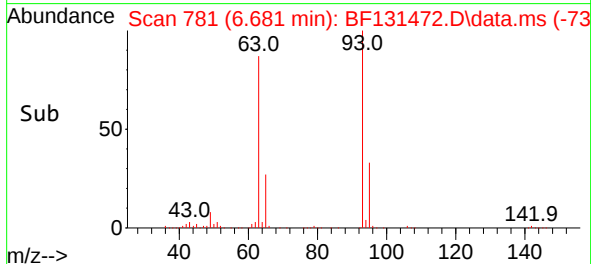
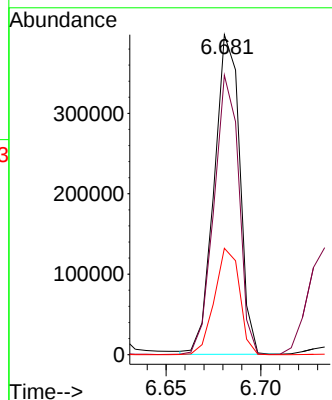
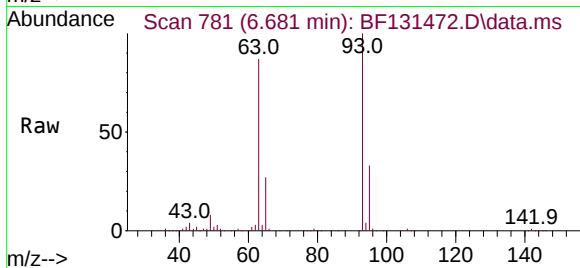
#11
bis(2-Chloroethyl)ether
Concen: 56.715 ng
RT: 6.681 min Scan# 781
Delta R.T. 0.000 min
Lab File: BF131472.D
Acq: 30 Nov 2022 15:35

Instrument :
BNA_F
ClientSampleId :
B-40-SB02MS

Tgt Ion: 93 Resp: 371207
Ion Ratio Lower Upper
93 100
63 87.3 68.6 108.6
95 33.2 13.1 53.1

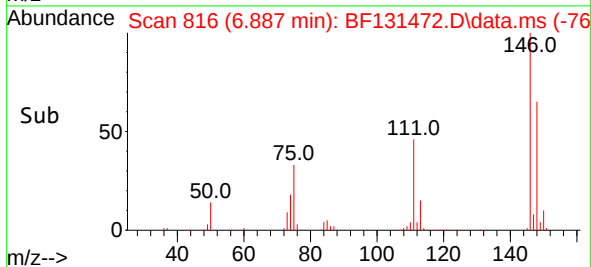
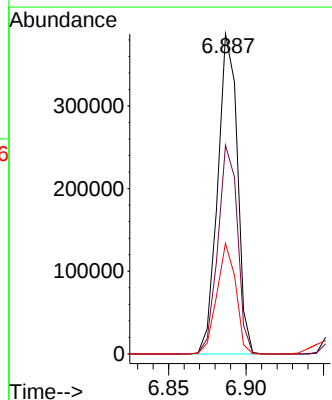
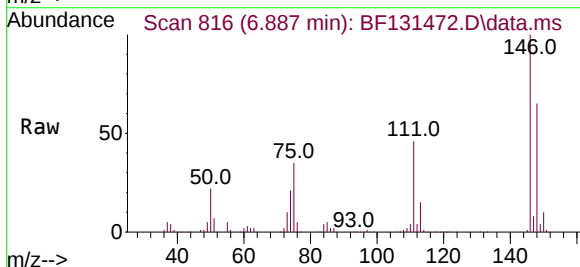
Manual Integrations
APPROVED

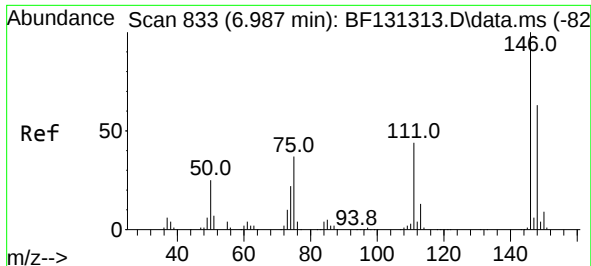
Reviewed By :Christian Giraldo 12/01/2022
Supervised By :Jagrut Upadhyay 12/01/2022



#12
1,3-Dichlorobenzene
Concen: 46.155 ng
RT: 6.887 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF131472.D
Acq: 30 Nov 2022 15:35

Tgt Ion:146 Resp: 344154
Ion Ratio Lower Upper
146 100
148 65.2 51.4 77.2
75 34.6 27.6 41.4





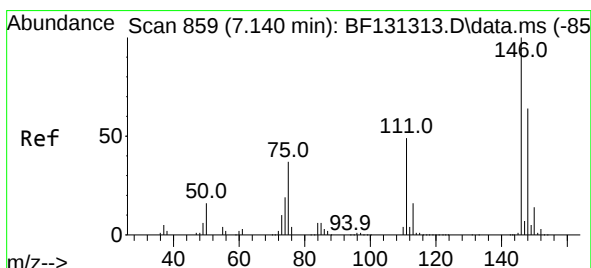
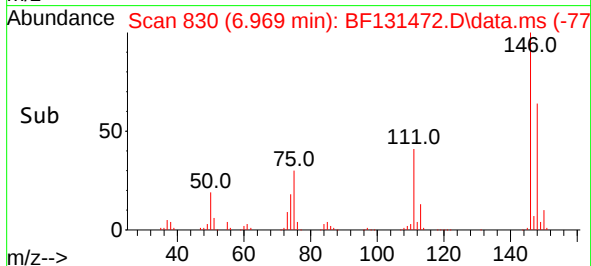
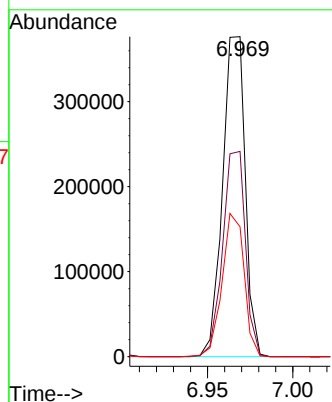
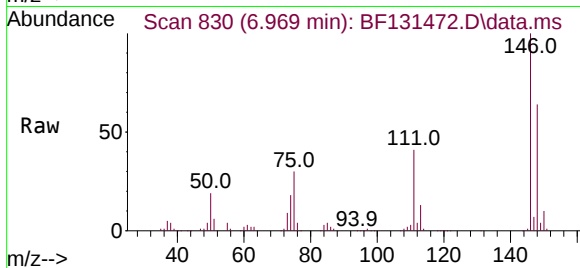
#13
1,4-Dichlorobenzene
Concen: 46.005 ng
RT: 6.969 min Scan# 831
Delta R.T. 0.000 min
Lab File: BF131472.D
Acq: 30 Nov 2022 15:35

Instrument :
BNA_F
ClientSampleId :
B-40-SB02MS

Tgt Ion:146 Resp: 348552
Ion Ratio Lower Upper
146 100
148 64.1 50.2 75.2
111 40.6 35.0 52.6

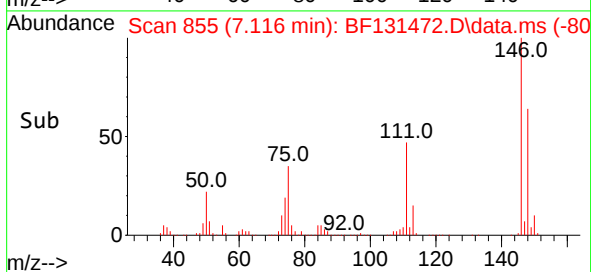
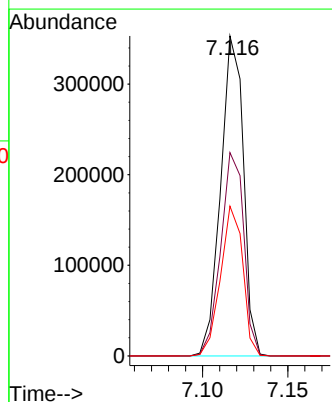
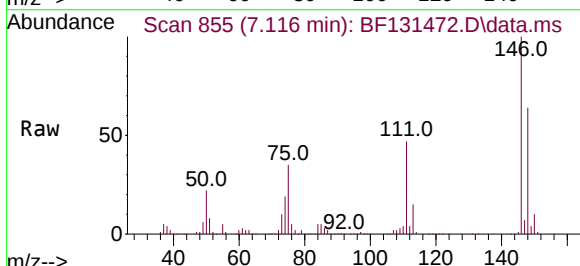
Manual Integrations
APPROVED

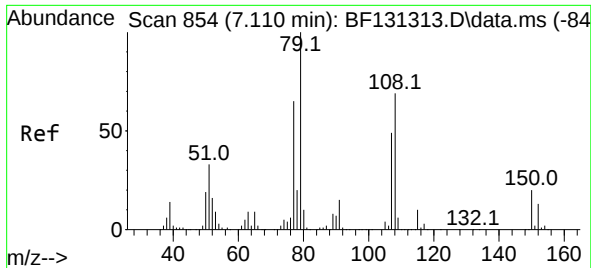
Reviewed By :Christian Giraldo 12/01/2022
Supervised By :Jagrut Upadhyay 12/01/2022



#14
1,2-Dichlorobenzene
Concen: 46.958 ng
RT: 7.116 min Scan# 855
Delta R.T. -0.006 min
Lab File: BF131472.D
Acq: 30 Nov 2022 15:35

Tgt Ion:146 Resp: 327592
Ion Ratio Lower Upper
146 100
148 63.6 51.4 77.0
111 46.8 39.4 59.0





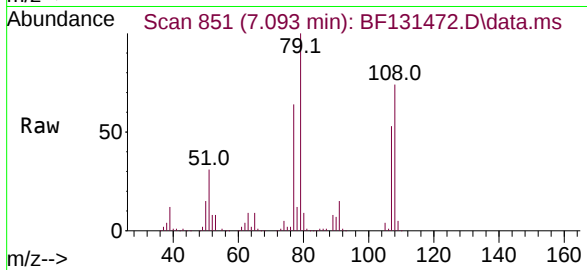
#15
Benzyl Alcohol
Concen: 49.275 ng
RT: 7.093 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF131472.D
Acq: 30 Nov 2022 15:35

Instrument :

BNA_F

ClientSampleId :

B-40-SB02MS

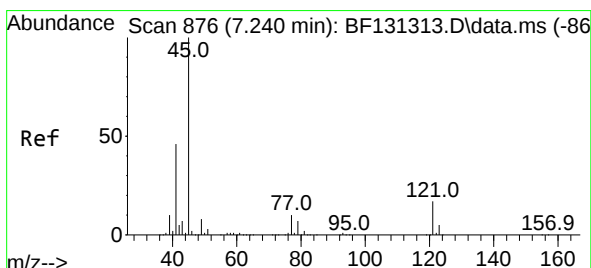
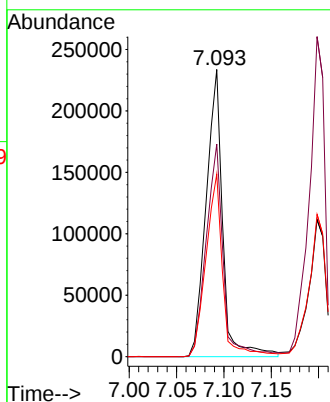
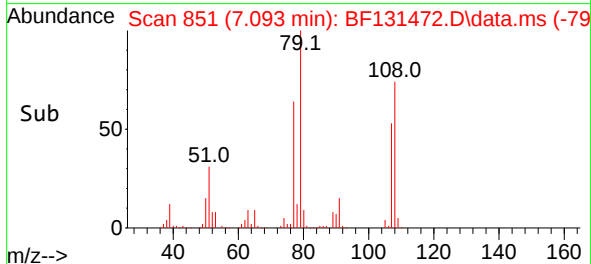


Tgt Ion: 79 Resp: 284673
Ion Ratio Lower Upper
79 100
108 74.0 55.1 82.7
77 63.6 51.8 77.8

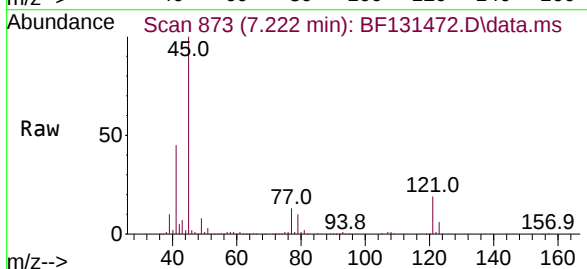
Manual Integrations

APPROVED

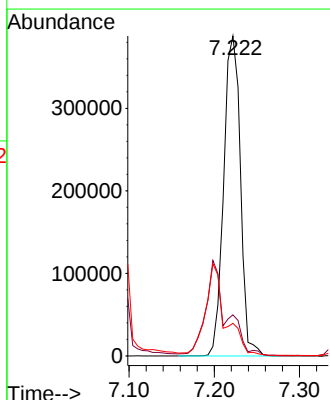
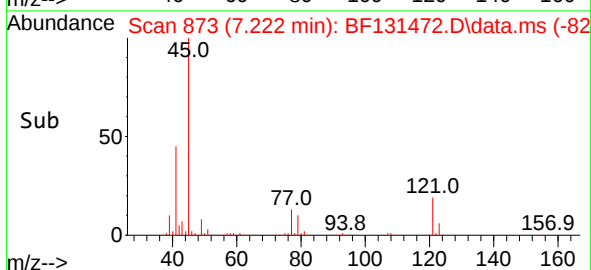
Reviewed By :Christian Giraldo 12/01/2022
Supervised By :Jagrut Upadhyay 12/01/2022

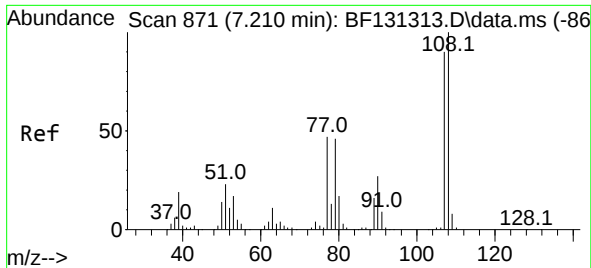


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.141 ng
RT: 7.222 min Scan# 873
Delta R.T. 0.000 min
Lab File: BF131472.D
Acq: 30 Nov 2022 15:35



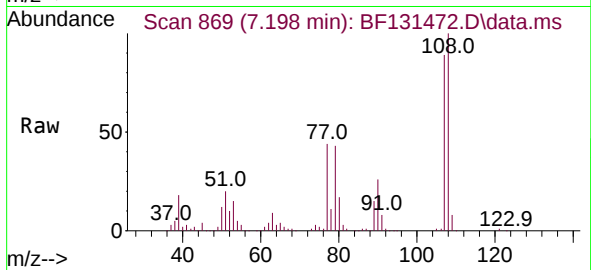
Tgt Ion: 45 Resp: 527484
Ion Ratio Lower Upper
45 100
77 12.8 0.0 31.2
79 10.2 0.0 28.4





#17
2-Methylphenol
Concen: 49.317 ng
RT: 7.198 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF131472.D
Acq: 30 Nov 2022 15:35

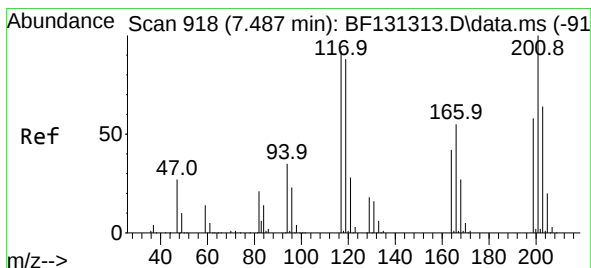
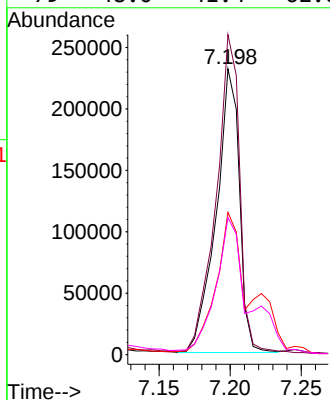
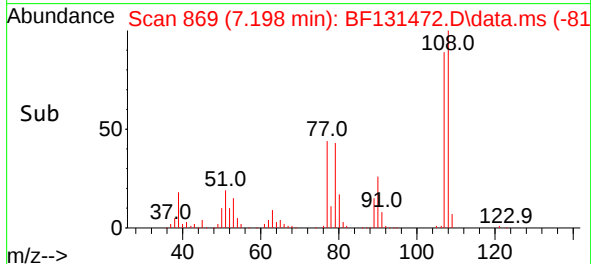
Instrument :
BNA_F
ClientSampleId :
B-40-SB02MS



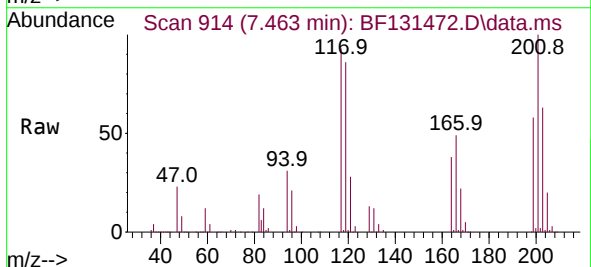
Tgt Ion:107 Resp: 262978
Ion Ratio Lower Upper
107 100
108 112.0 89.0 133.6
77 49.8 42.5 63.7
79 48.0 41.4 62.0

Manual Integrations
APPROVED

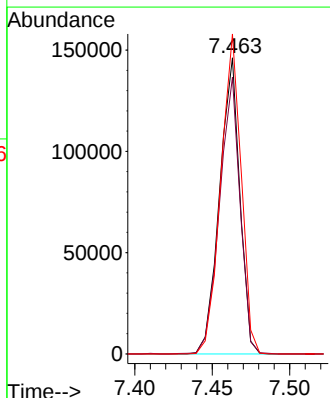
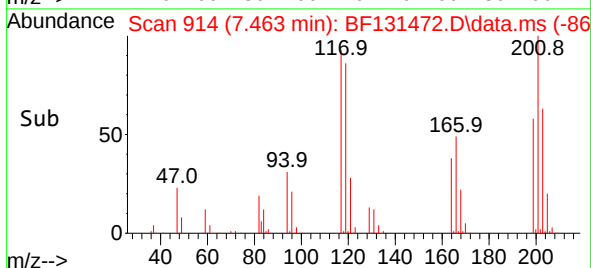
Reviewed By :Christian Giraldo 12/01/2022
Supervised By :Jagrut Upadhyay 12/01/2022

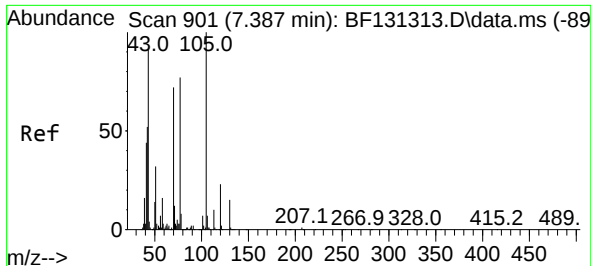


#18
Hexachloroethane
Concen: 49.162 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BF131472.D
Acq: 30 Nov 2022 15:35



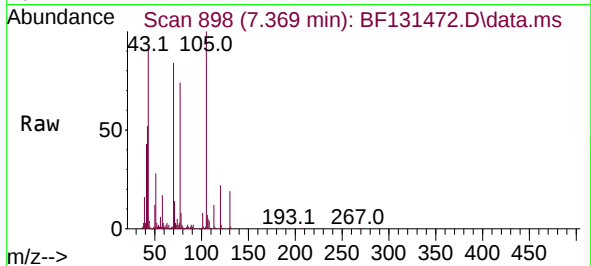
Tgt Ion:117 Resp: 133245
Ion Ratio Lower Upper
117 100
119 93.4 76.6 115.0
201 108.1 87.0 130.6





#19
n-Nitroso-di-n-propylamine
Concen: 45.488 ng
RT: 7.369 min Scan# 89
Delta R.T. 0.006 min
Lab File: BF131472.D
Acq: 30 Nov 2022 15:35

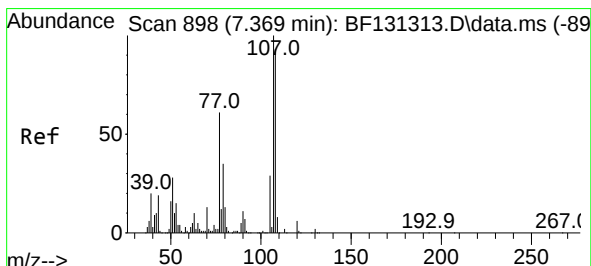
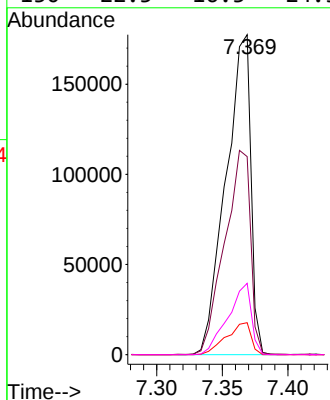
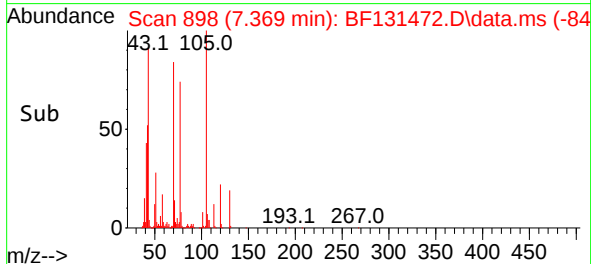
Instrument :
BNA_F
Client Sample Id :
B-40-SB02MS



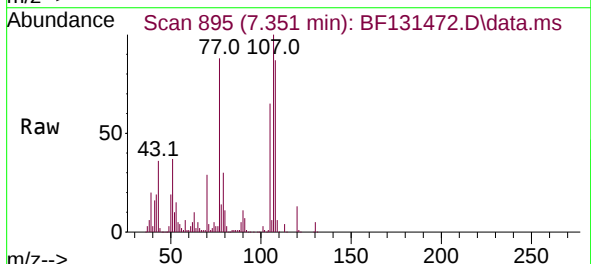
Tgt Ion: 70 Resp: 234628
Ion Ratio Lower Upper
70 100
42 61.9 57.6 86.4
101 10.0 8.2 12.2
130 22.3 16.3 24.5

Manual Integrations
APPROVED

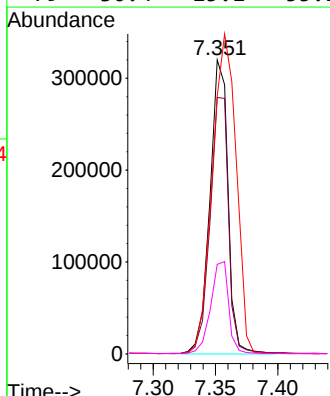
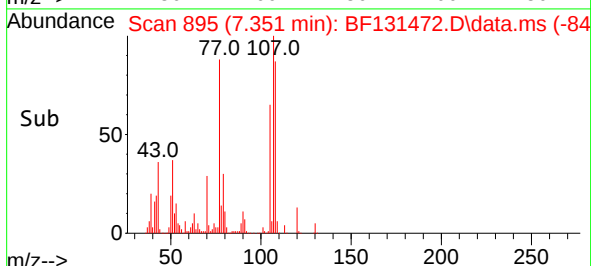
Reviewed By :Christian Giraldo 12/01/2022
Supervised By :Jagrut Upadhyay 12/01/2022

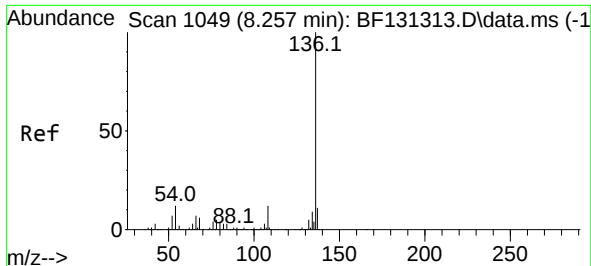


#20
3+4-Methylphenols
Concen: 47.695 ng m
RT: 7.351 min Scan# 895
Delta R.T. 0.000 min
Lab File: BF131472.D
Acq: 30 Nov 2022 15:35



Tgt Ion: 107 Resp: 324727
Ion Ratio Lower Upper
107 100
108 87.2 72.6 112.6
77 87.6 41.4 81.4#
79 30.4 15.1 55.1





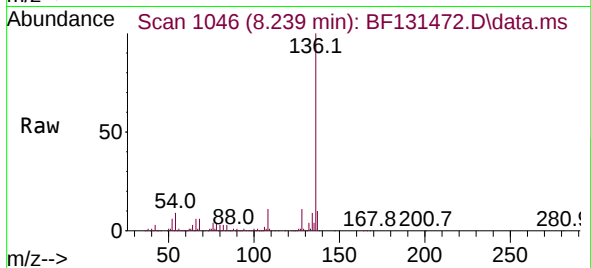
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. 0.000 min
Lab File: BF131472.D
Acq: 30 Nov 2022 15:35

Instrument :

BNA_F

ClientSampleId :

B-40-SB02MS

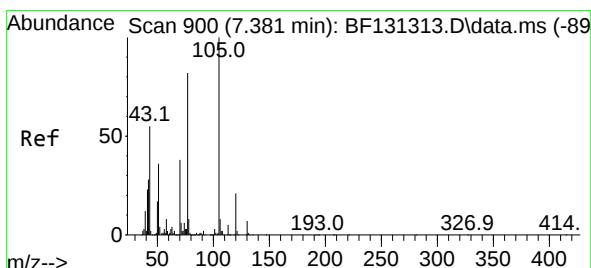
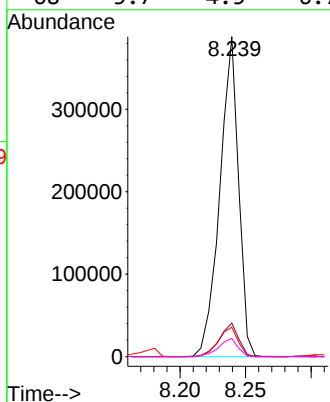
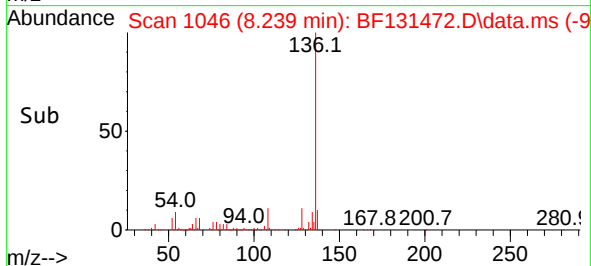


Tgt Ion:136 Resp: 386492
Ion Ratio Lower Upper
136 100
137 10.5 9.0 13.6
54 9.2 9.4 14.0
68 5.7 4.5 6.7

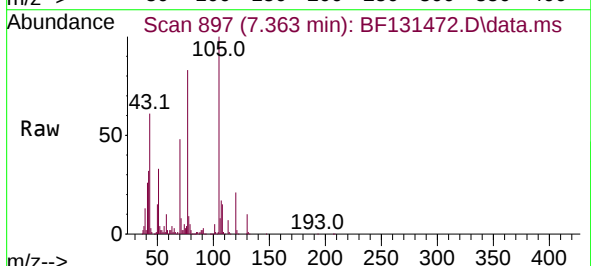
Manual Integrations

APPROVED

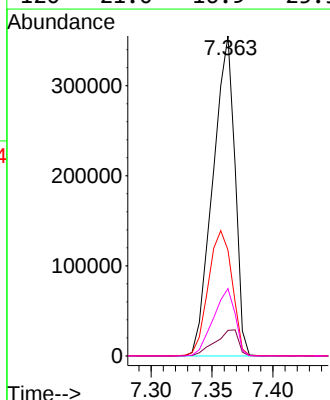
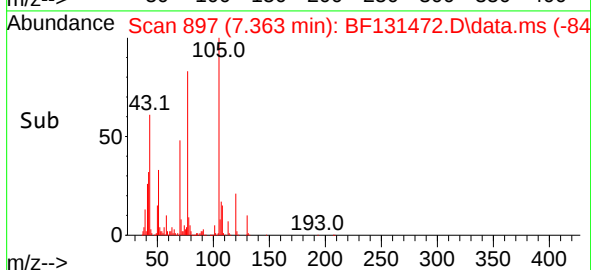
Reviewed By :Christian Giraldo 12/01/2022
Supervised By :Jagrut Upadhyay 12/01/2022

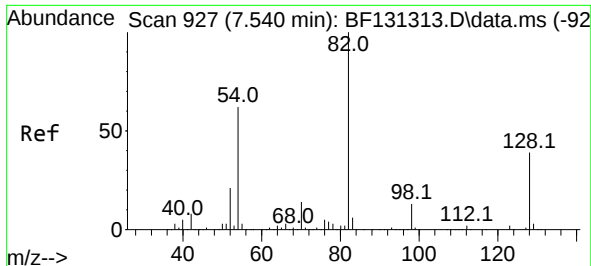


#22
Acetophenone
Concen: 45.329 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.000 min
Lab File: BF131472.D
Acq: 30 Nov 2022 15:35



Tgt Ion:105 Resp: 445940
Ion Ratio Lower Upper
105 100
71 8.0 4.9 7.3#
51 33.1 29.0 43.4
120 21.0 16.9 25.3





#23

Nitrobenzene-d5

Concen: 78.297 ng

RT: 7.516 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF131472.D

Acq: 30 Nov 2022 15:35

Instrument :

BNA_F

ClientSampleId :

B-40-SB02MS

Tgt Ion: 82 Resp: 600318

Ion Ratio Lower Upper

82 100

128 41.3 31.4 47.0

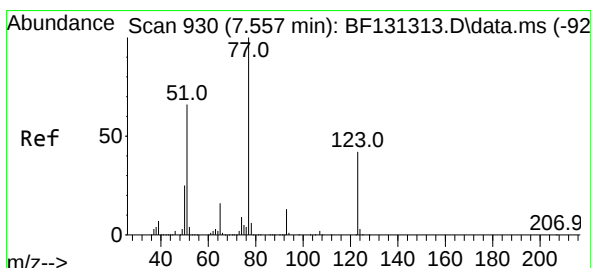
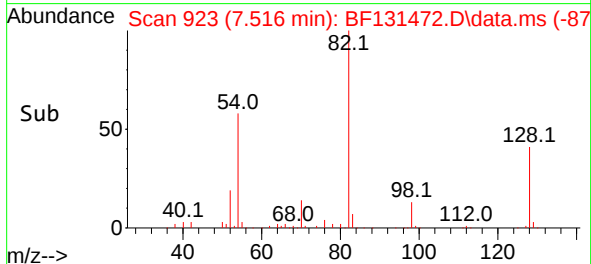
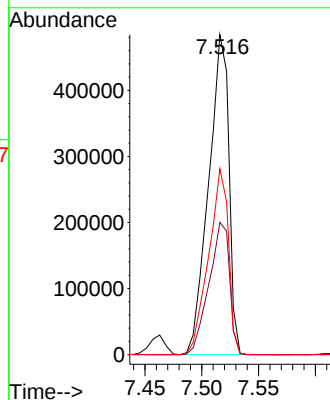
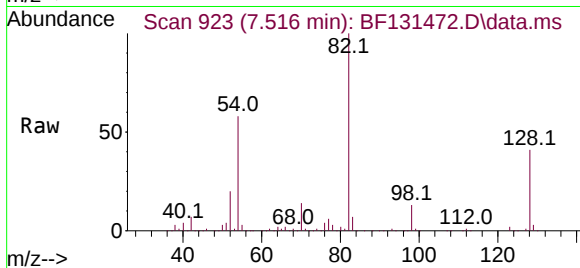
54 58.0 49.8 74.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/01/2022

Supervised By :Jagrut Upadhyay 12/01/2022



#24

Nitrobenzene

Concen: 44.923 ng

RT: 7.534 min Scan# 926

Delta R.T. -0.006 min

Lab File: BF131472.D

Acq: 30 Nov 2022 15:35

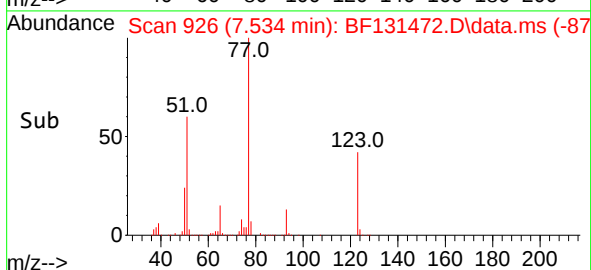
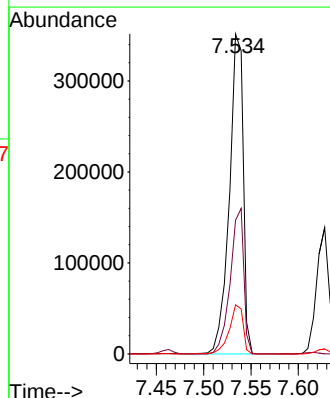
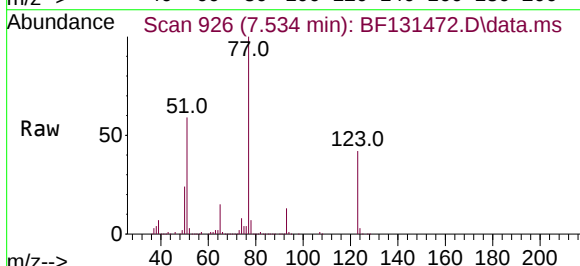
Tgt Ion: 77 Resp: 358857

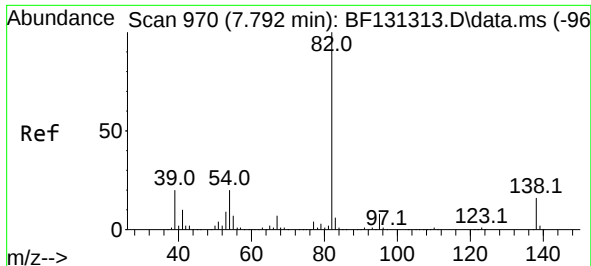
Ion Ratio Lower Upper

77 100

123 41.8 33.3 49.9

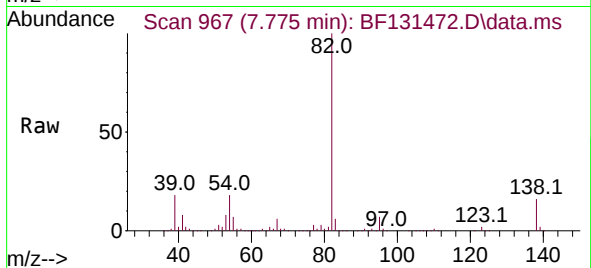
65 15.3 12.7 19.1





#25
Isophorone
Concen: 48.611 ng
RT: 7.775 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF131472.D
Acq: 30 Nov 2022 15:35

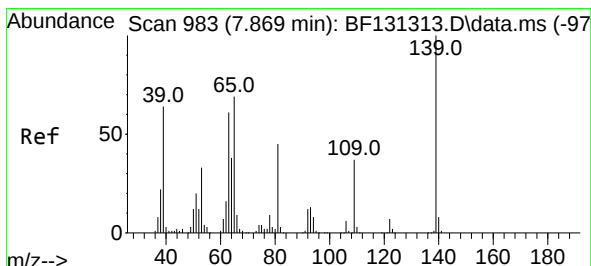
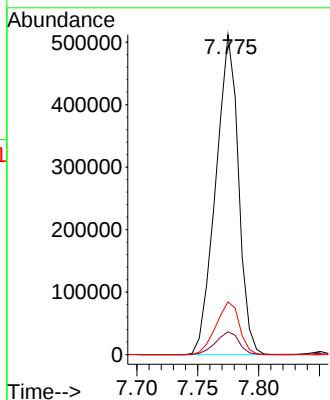
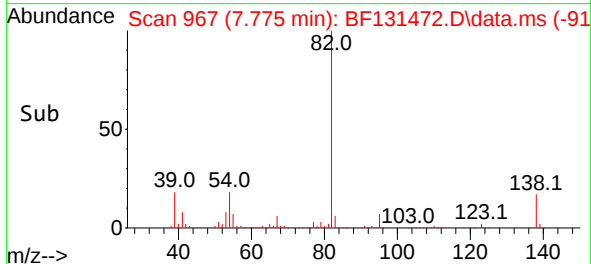
Instrument :
BNA_F
ClientSampleId :
B-40-SB02MS



Tgt Ion: 82 Resp: 664946
Ion Ratio Lower Upper
82 100
95 7.1 6.2 9.2
138 16.5 12.7 19.1

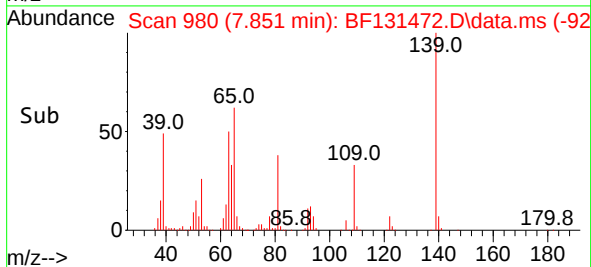
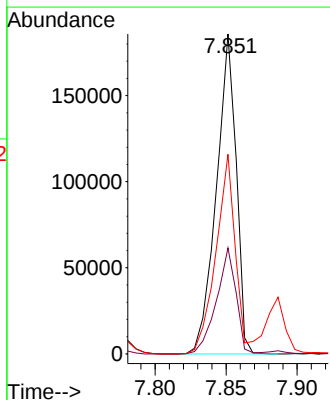
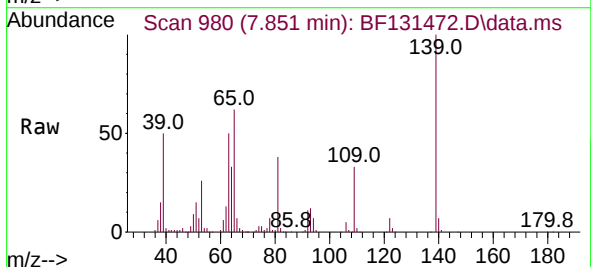
Manual Integrations
APPROVED

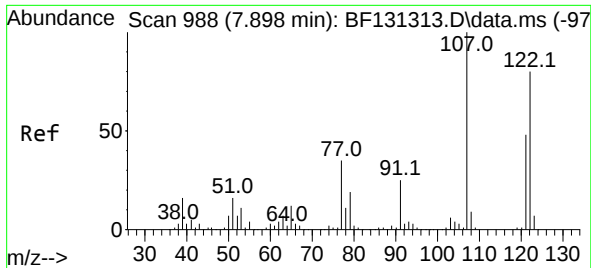
Reviewed By :Christian Giraldo 12/01/2022
Supervised By :Jagrut Upadhyay 12/01/2022



#26
2-Nitrophenol
Concen: 66.945 ng
RT: 7.851 min Scan# 980
Delta R.T. 0.000 min
Lab File: BF131472.D
Acq: 30 Nov 2022 15:35

Tgt Ion:139 Resp: 180775
Ion Ratio Lower Upper
139 100
109 33.1 29.9 44.9
65 62.4 55.7 83.5





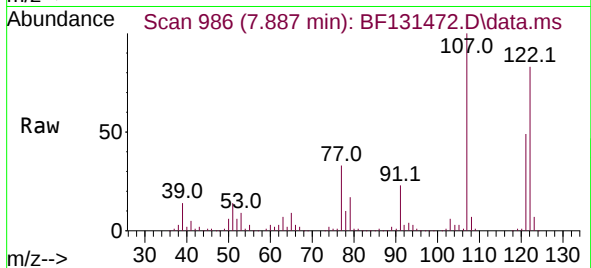
#27
2,4-Dimethylphenol
Concen: 58.136 ng
RT: 7.887 min Scan# 988
Delta R.T. 0.000 min
Lab File: BF131472.D
Acq: 30 Nov 2022 15:35

Instrument :

BNA_F

ClientSampleId :

B-40-SB02MS

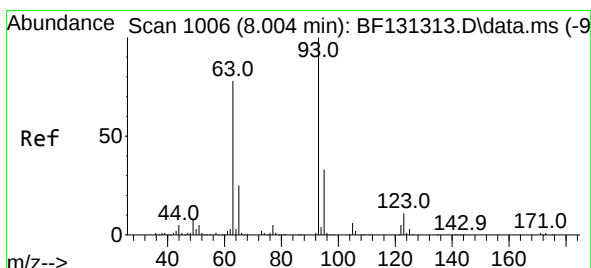
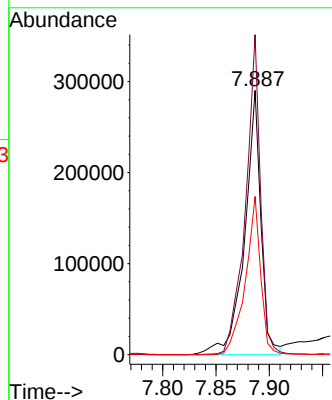
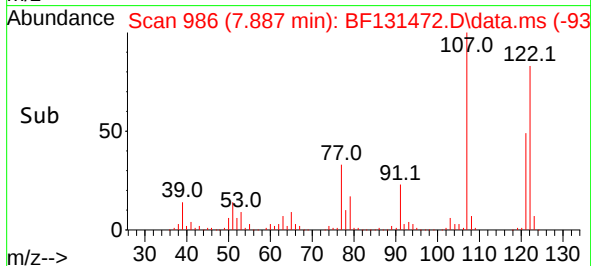


Tgt Ion:122 Resp: 308291
Ion Ratio Lower Upper
122 100
107 121.1 99.9 149.9
121 59.8 47.4 71.2

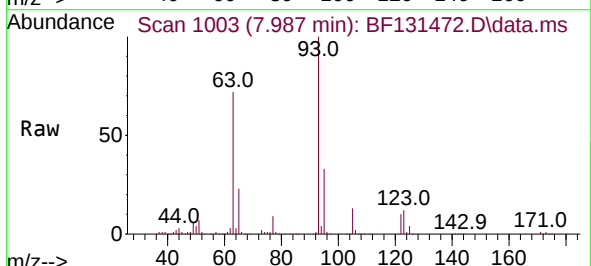
Manual Integrations

APPROVED

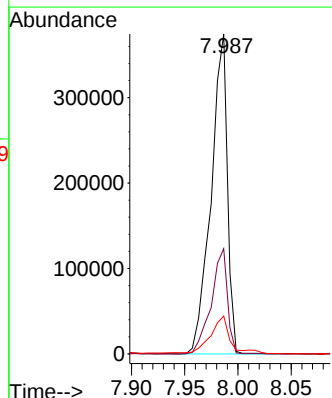
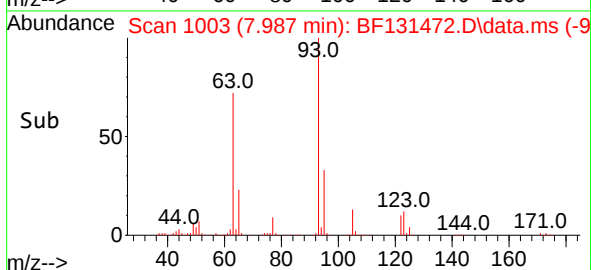
Reviewed By :Christian Giraldo 12/01/2022
Supervised By :Jagrut Upadhyay 12/01/2022

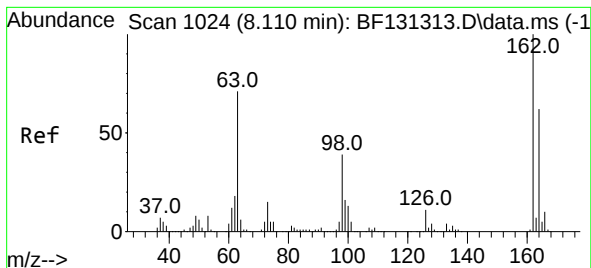


#28
bis(2-Chloroethoxy)methane
Concen: 51.431 ng
RT: 7.987 min Scan# 1003
Delta R.T. 0.000 min
Lab File: BF131472.D
Acq: 30 Nov 2022 15:35



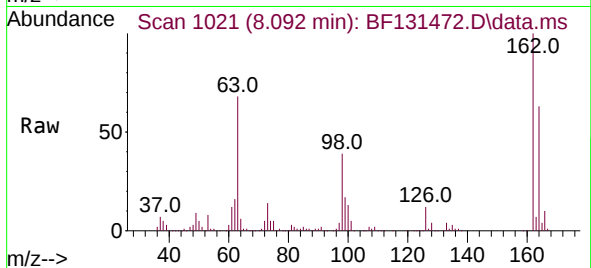
Tgt Ion: 93 Resp: 399586
Ion Ratio Lower Upper
93 100
95 32.9 26.4 39.6
123 11.8 8.8 13.2





#29
2,4-Dichlorophenol
Concen: 47.836 ng
RT: 8.092 min Scan# 1024
Delta R.T. 0.000 min
Lab File: BF131472.D
Acq: 30 Nov 2022 15:35

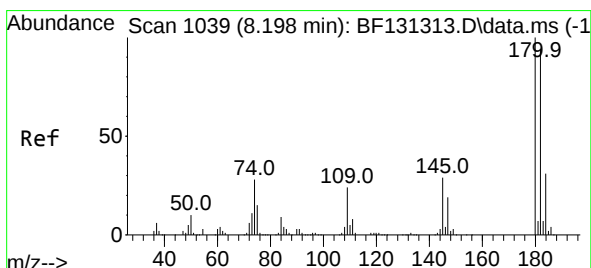
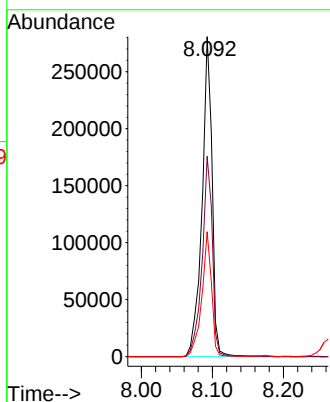
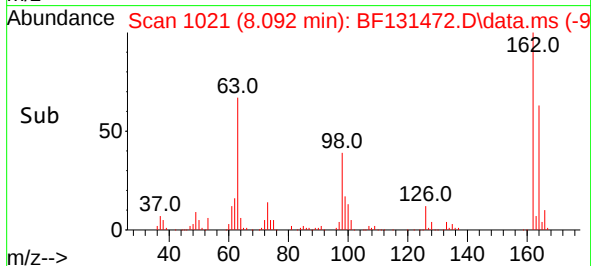
Instrument :
BNA_F
ClientSampleId :
B-40-SB02MS



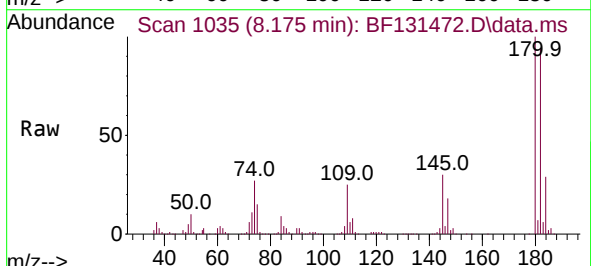
Tgt Ion:162 Resp: 27515
Ion Ratio Lower Upper
162 100
164 62.6 42.2 82.2
98 39.0 18.8 58.8

Manual Integrations
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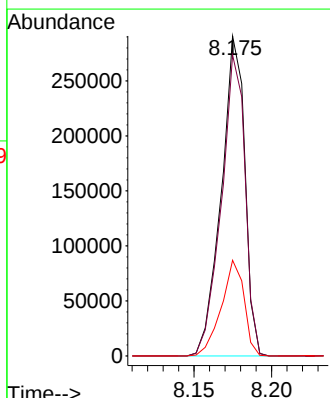
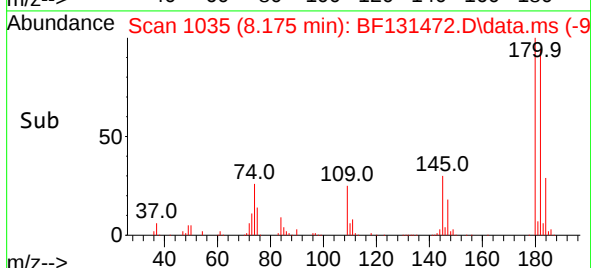
Reviewed By :Christian Giraldo 12/01/2022
Supervised By :Jagrut Upadhyay 12/01/2022

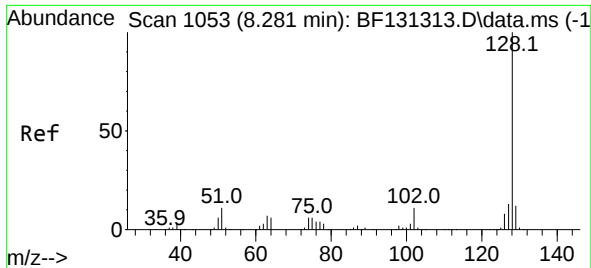


#30
1,2,4-Trichlorobenzene
Concen: 43.193 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF131472.D
Acq: 30 Nov 2022 15:35



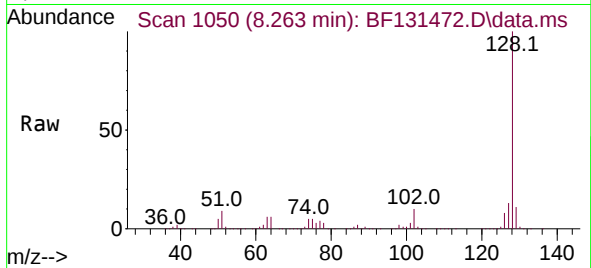
Tgt Ion:180 Resp: 307777
Ion Ratio Lower Upper
180 100
182 94.0 75.3 112.9
145 29.9 23.4 35.0





#31
Naphthalene
Concen: 45.235 ng
RT: 8.263 min Scan# 1050
Delta R.T. 0.000 min
Lab File: BF131472.D
Acq: 30 Nov 2022 15:35

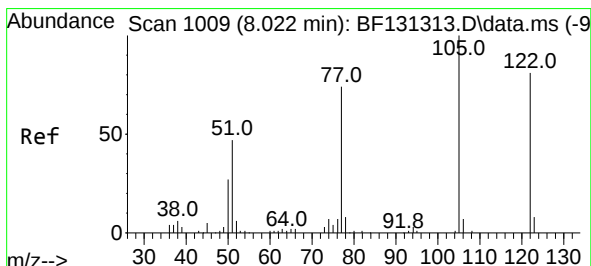
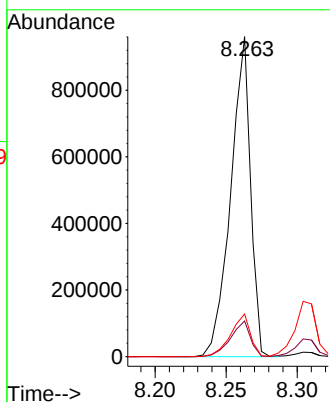
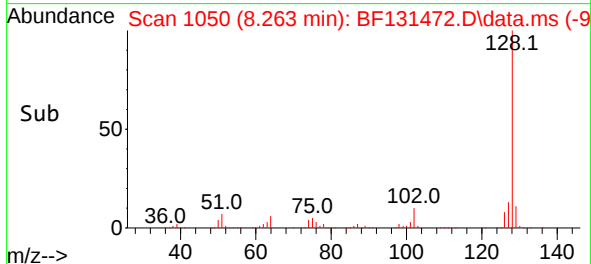
Instrument :
BNA_F
ClientSampleId :
B-40-SB02MS



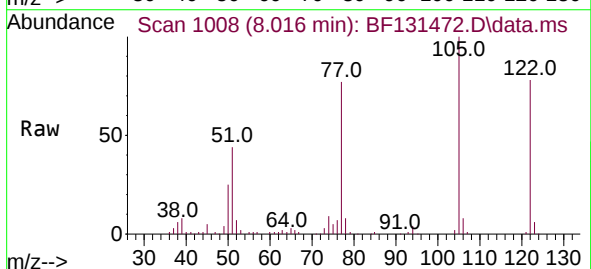
Tgt Ion:128 Resp: 931666
Ion Ratio Lower Upper
128 100
129 11.2 9.2 13.8
127 13.3 10.6 16.0

Manual Integrations
APPROVED

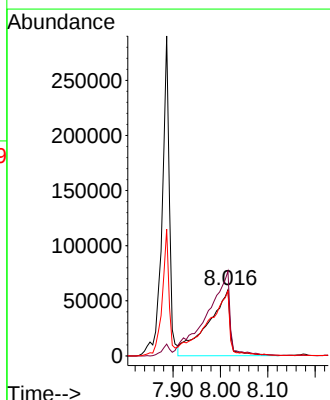
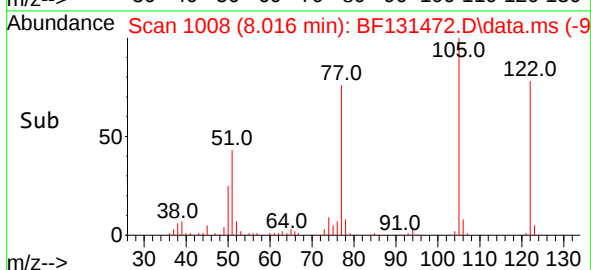
Reviewed By :Christian Giraldo 12/01/2022
Supervised By :Jagrut Upadhyay 12/01/2022

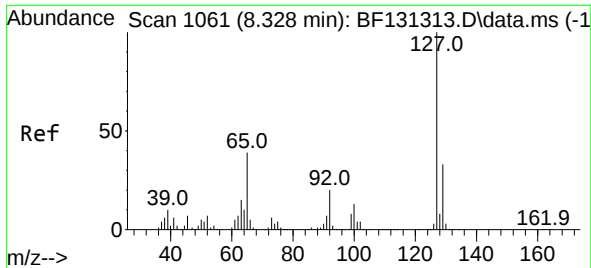


#32
Benzoic acid
Concen: 56.472 ng
RT: 8.016 min Scan# 1008
Delta R.T. 0.018 min
Lab File: BF131472.D
Acq: 30 Nov 2022 15:35



Tgt Ion:122 Resp: 199485
Ion Ratio Lower Upper
122 100
105 128.3 103.8 143.8
77 98.5 74.3 114.3





#33
4-Chloroaniline
Concen: 22.383 ng
RT: 8.304 min Scan# 1061
Delta R.T. -0.006 min
Lab File: BF131472.D
Acq: 30 Nov 2022 15:35

Instrument :

BNA_F

ClientSampleId :

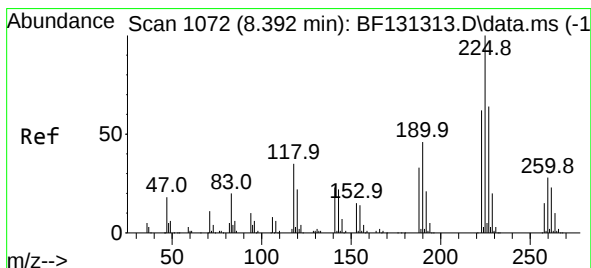
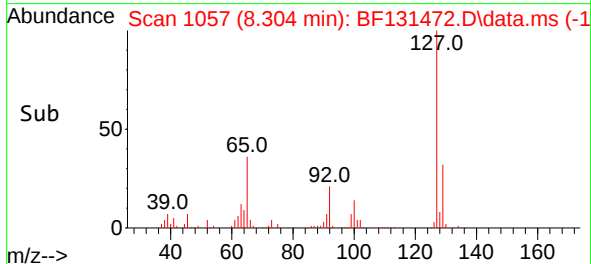
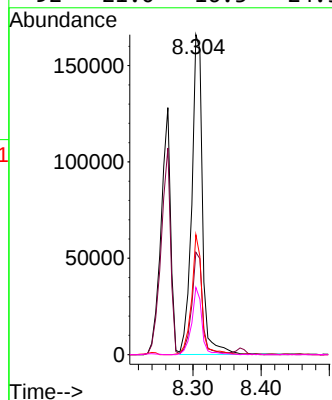
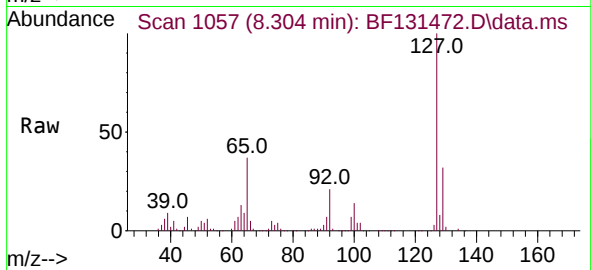
B-40-SB02MS

Tgt Ion:127 Resp: 181872
Ion Ratio Lower Upper
127 100
129 32.0 26.4 39.6
65 37.5 31.0 46.6
92 21.0 16.3 24.5

Manual Integrations

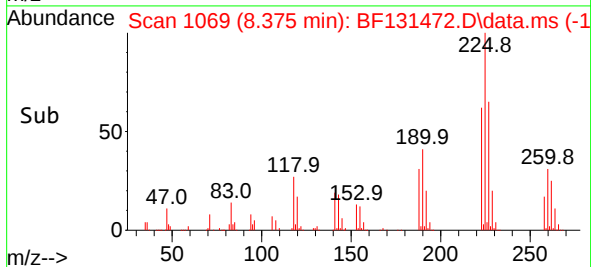
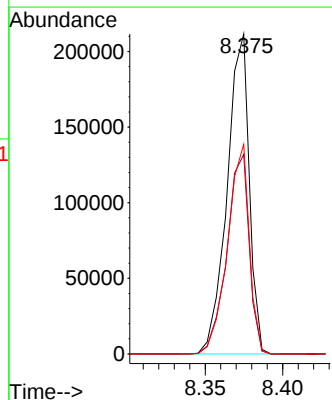
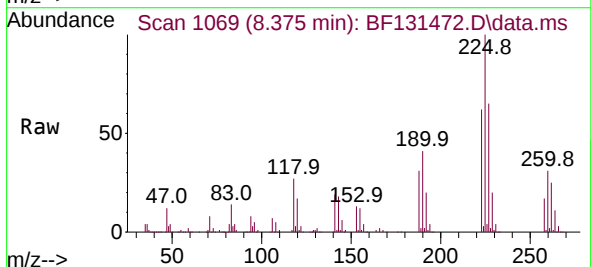
APPROVED

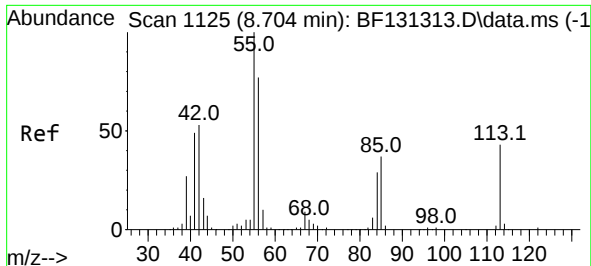
Reviewed By :Christian Giraldo 12/01/2022
Supervised By :Jagrut Upadhyay 12/01/2022



#34
Hexachlorobutadiene
Concen: 45.465 ng
RT: 8.375 min Scan# 1069
Delta R.T. 0.000 min
Lab File: BF131472.D
Acq: 30 Nov 2022 15:35

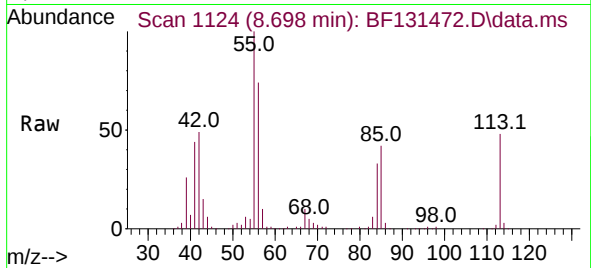
Tgt Ion:225 Resp: 209782
Ion Ratio Lower Upper
225 100
223 62.3 49.4 74.0
227 65.5 51.1 76.7





#35
 Caprolactam
 Concen: 73.634 ng m
 RT: 8.698 min Scan# 1125
 Delta R.T. 0.012 min
 Lab File: BF131472.D
 Acq: 30 Nov 2022 15:35

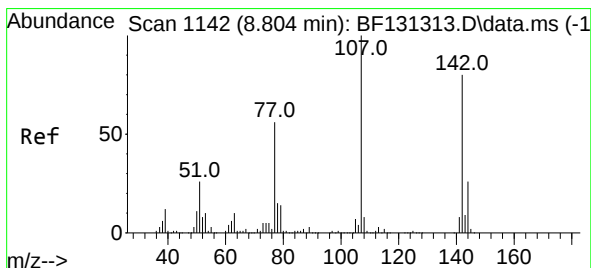
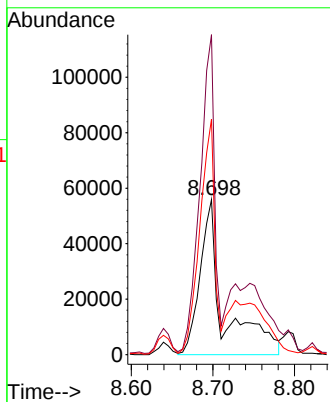
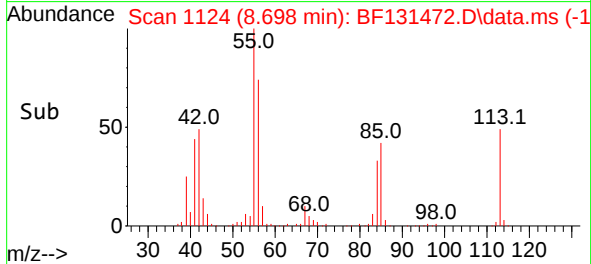
Instrument :
 BNA_F
 ClientSampleId :
 B-40-SB02MS



Tgt Ion:113 Resp: 111299
 Ion Ratio Lower Upper
 113 100
 55 206.5 214.5 254.5
 56 152.0 159.4 199.4

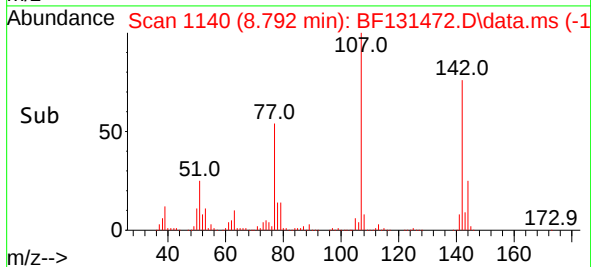
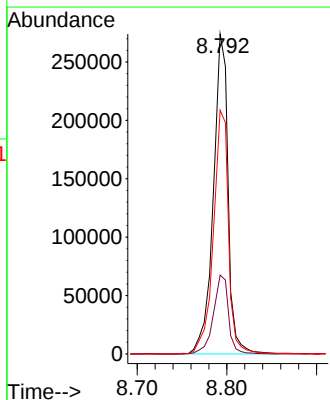
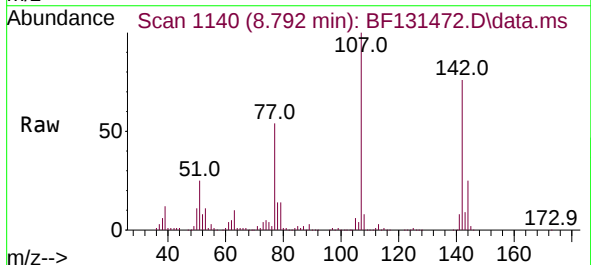
Manual Integrations
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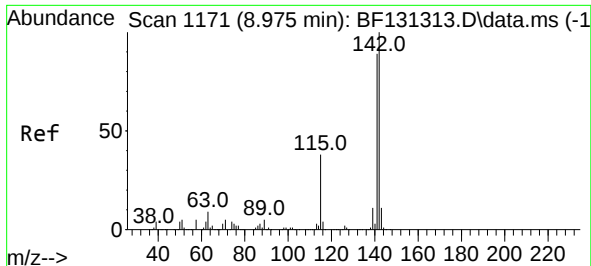
Reviewed By :Christian Giraldo 12/01/2022
 Supervised By :Jagrut Upadhyay 12/01/2022



#36
 4-Chloro-3-methylphenol
 Concen: 52.307 ng
 RT: 8.792 min Scan# 1140
 Delta R.T. 0.006 min
 Lab File: BF131472.D
 Acq: 30 Nov 2022 15:35

Tgt Ion:107 Resp: 312585
 Ion Ratio Lower Upper
 107 100
 144 24.6 20.9 31.3
 142 76.1 63.9 95.9





#37

2-Methylnaphthalene

Concen: 42.712 ng

RT: 8.957 min Scan# 1168

Delta R.T. 0.000 min

Lab File: BF131472.D

Acq: 30 Nov 2022 15:35

Instrument :

BNA_F

ClientSampleId :

B-40-SB02MS

Tgt Ion:142 Resp: 596048

Ion Ratio Lower Upper

142 100

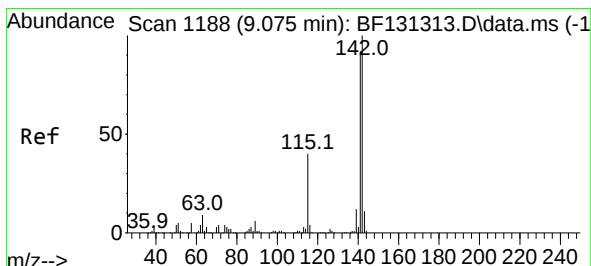
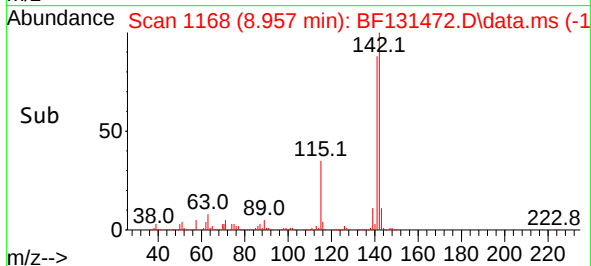
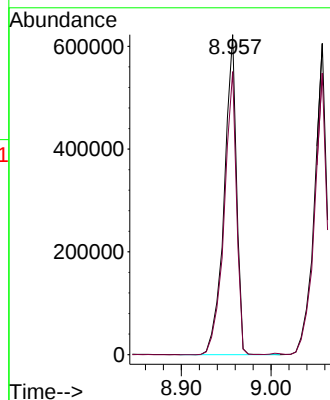
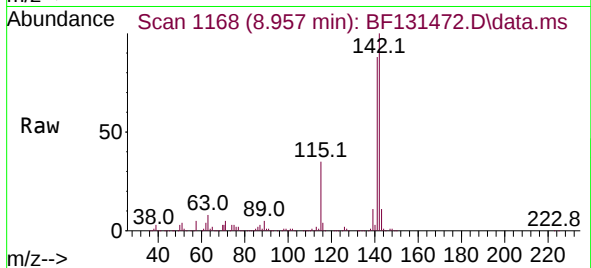
141 88.4 71.0 106.4

Manual Integrations

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Reviewed By :Christian Giraldo 12/01/2022

Supervised By :Jagrut Upadhyay 12/01/2022



#38

1-Methylnaphthalene

Concen: 41.722 ng

RT: 9.057 min Scan# 1185

Delta R.T. 0.000 min

Lab File: BF131472.D

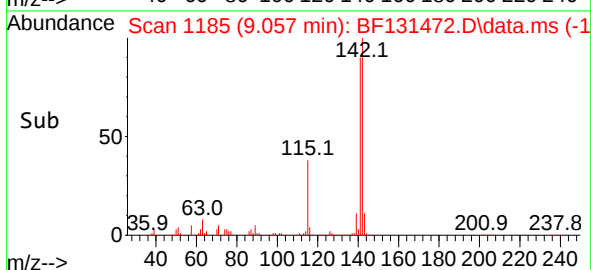
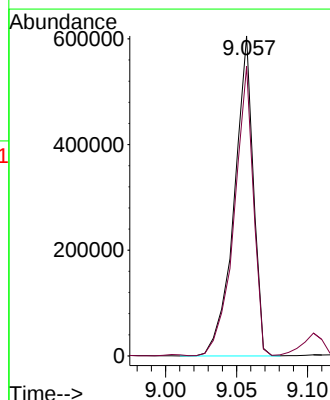
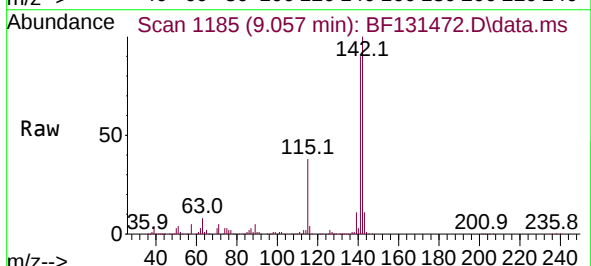
Acq: 30 Nov 2022 15:35

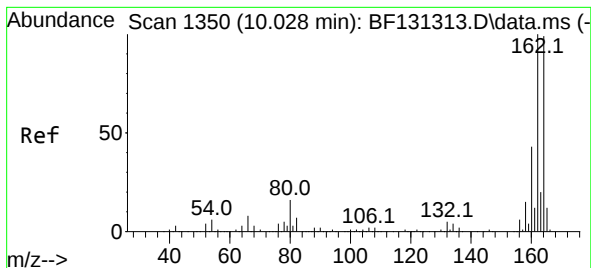
Tgt Ion:142 Resp: 564597

Ion Ratio Lower Upper

142 100

141 90.5 73.4 110.0





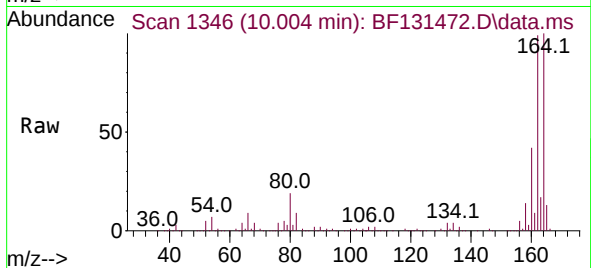
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1350
Delta R.T. 0.000 min
Lab File: BF131472.D
Acq: 30 Nov 2022 15:35

Instrument :

BNA_F

ClientSampleId :

B-40-SB02MS

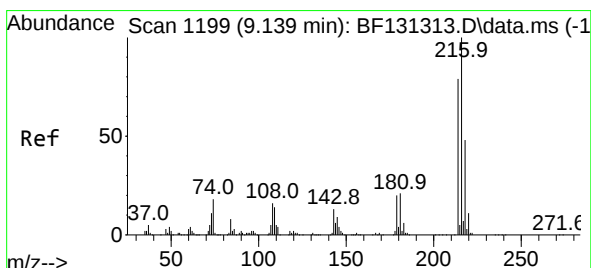
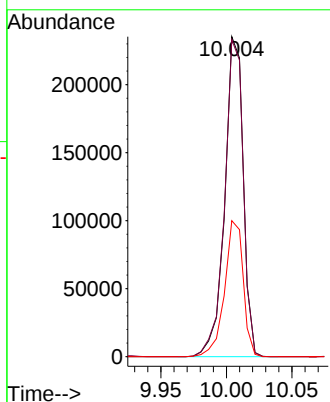
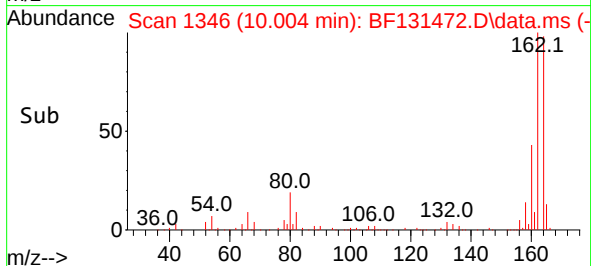


Tgt Ion:164 Resp: 231192
Ion Ratio Lower Upper
164 100
162 99.0 80.6 120.8
160 42.5 34.4 51.6

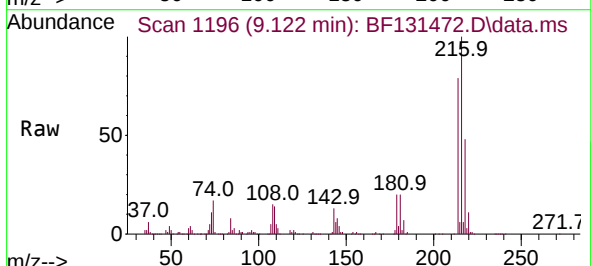
Manual Integrations

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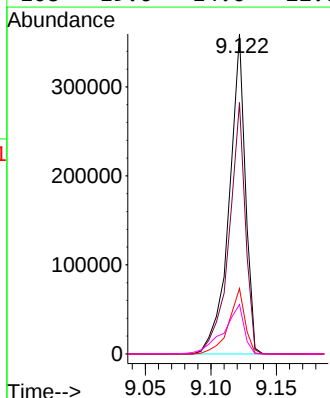
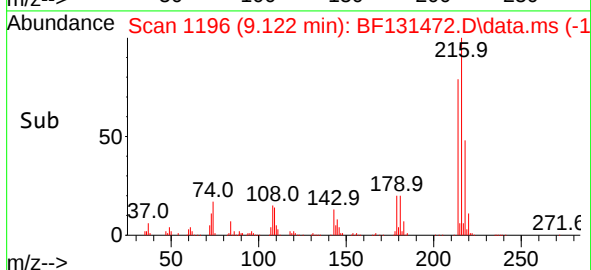
Reviewed By :Christian Giraldo 12/01/2022
Supervised By :Jagrut Upadhyay 12/01/2022

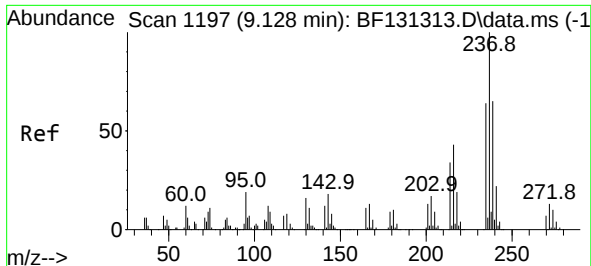


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.202 ng
RT: 9.122 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BF131472.D
Acq: 30 Nov 2022 15:35



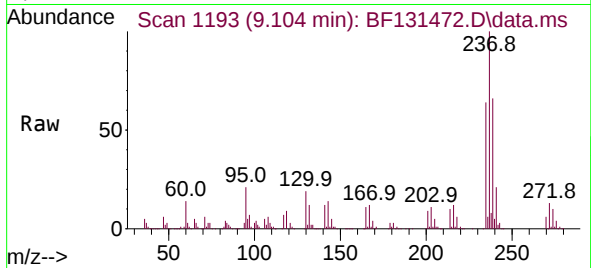
Tgt Ion:216 Resp: 309119
Ion Ratio Lower Upper
216 100
214 78.6 63.1 94.7
179 20.3 16.2 24.4
108 19.6 14.6 22.0





#41
Hexachlorocyclopentadiene
Concen: 113.046 ng
RT: 9.104 min Scan# 1197
Delta R.T. 0.000 min
Lab File: BF131472.D
Acq: 30 Nov 2022 15:35

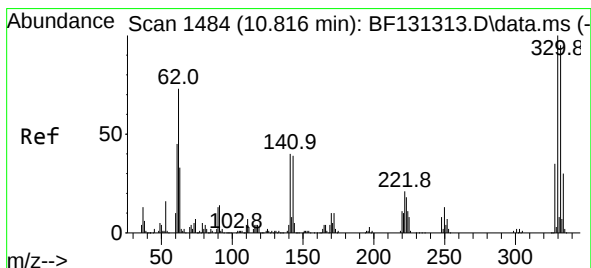
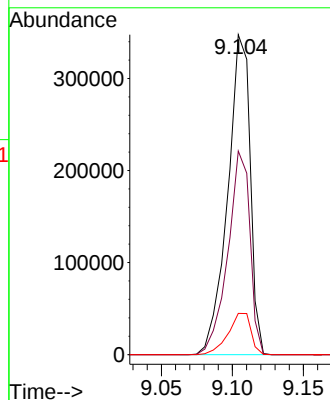
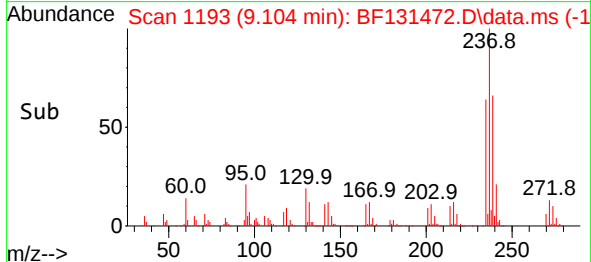
Instrument :
BNA_F
ClientSampleId :
B-40-SB02MS



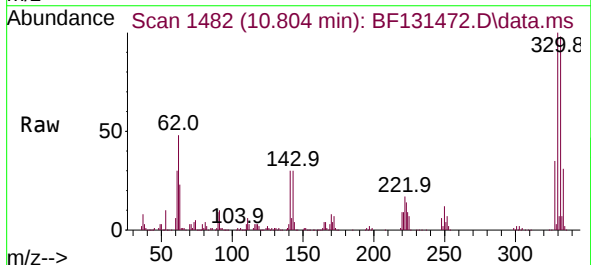
Tgt Ion:237 Resp: 381269
Ion Ratio Lower Upper
237 100
235 63.6 44.2 84.2
272 12.9 0.0 33.4

Manual Integrations
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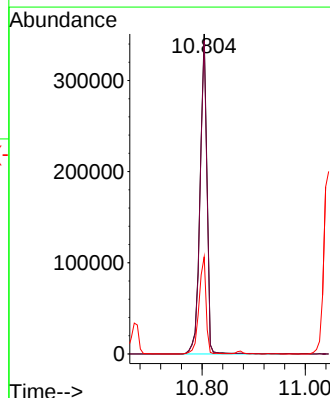
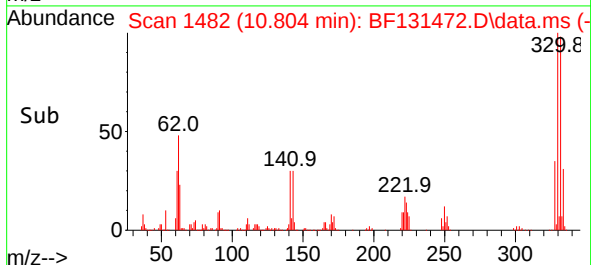
Reviewed By :Christian Giraldo 12/01/2022
Supervised By :Jagrut Upadhyay 12/01/2022

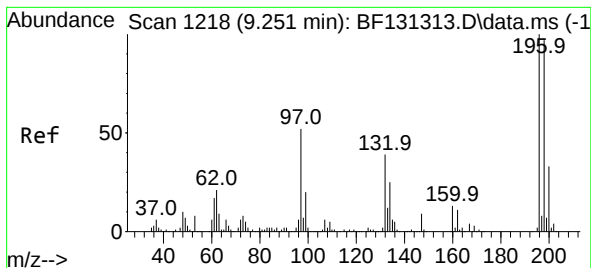


#42
2,4,6-Tribromophenol
Concen: 166.744 ng
RT: 10.804 min Scan# 1482
Delta R.T. 0.006 min
Lab File: BF131472.D
Acq: 30 Nov 2022 15:35



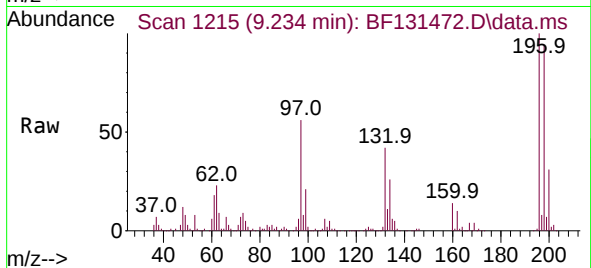
Tgt Ion:330 Resp: 324323
Ion Ratio Lower Upper
330 100
332 97.0 77.5 116.3
141 31.0 29.3 43.9





#43
2,4,6-Trichlorophenol
Concen: 52.993 ng
RT: 9.234 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF131472.D
Acq: 30 Nov 2022 15:35

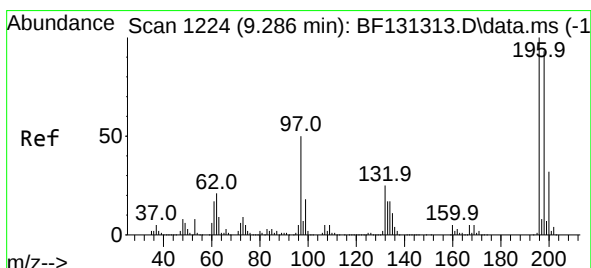
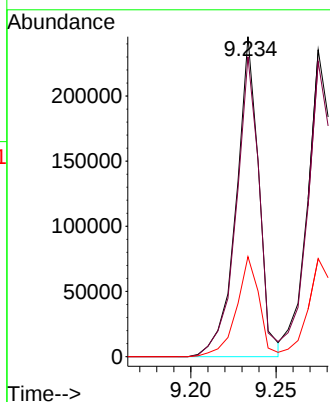
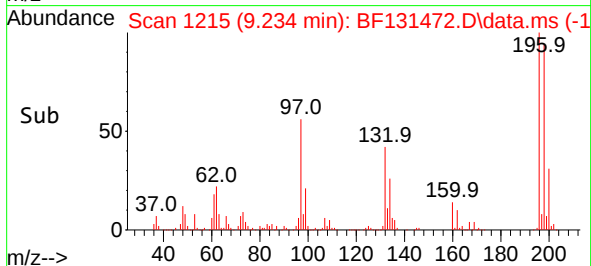
Instrument :
BNA_F
ClientSampleId :
B-40-SB02MS



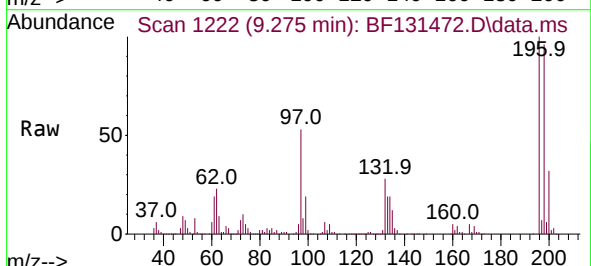
Tgt Ion:196 Resp: 225543
Ion Ratio Lower Upper
196 100
198 93.7 77.4 116.0
200 31.2 26.3 39.5

Manual Integrations
APPROVED

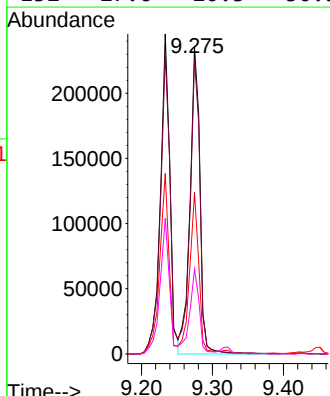
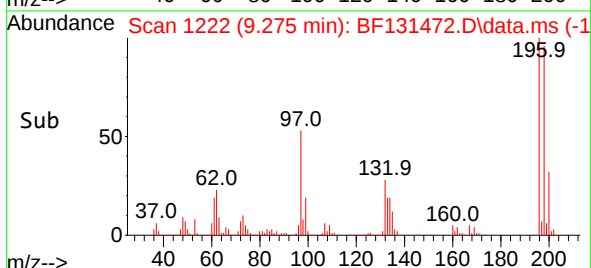
Reviewed By :Christian Giraldo 12/01/2022
Supervised By :Jagrut Upadhyay 12/01/2022

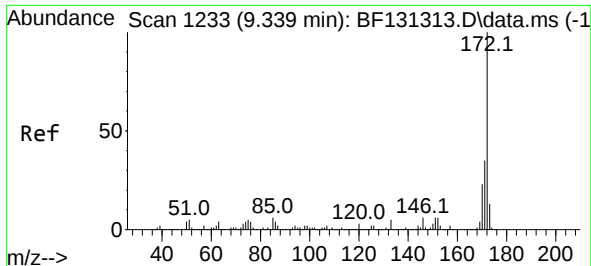


#44
2,4,5-Trichlorophenol
Concen: 48.311 ng
RT: 9.275 min Scan# 1222
Delta R.T. 0.006 min
Lab File: BF131472.D
Acq: 30 Nov 2022 15:35



Tgt Ion:196 Resp: 231211
Ion Ratio Lower Upper
196 100
198 96.1 75.0 112.4
97 52.6 40.3 60.5
132 27.6 20.3 30.5





#45

2-Fluorobiphenyl

Concen: 68.128 ng

RT: 9.322 min Scan# 1230

Delta R.T. 0.000 min

Lab File: BF131472.D

Acq: 30 Nov 2022 15:35

Instrument :

BNA_F

ClientSampleId :

B-40-SB02MS

Tgt Ion:172 Resp: 108265

Ion Ratio Lower Upper

172 100

171 34.8 28.2 42.2

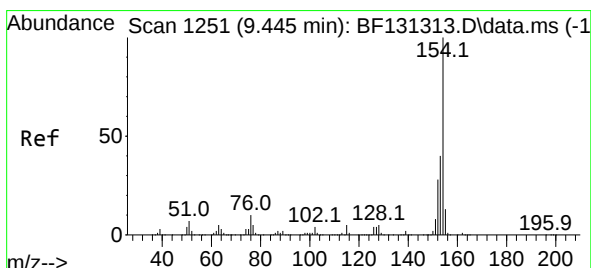
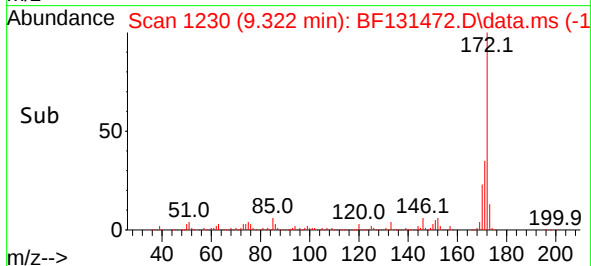
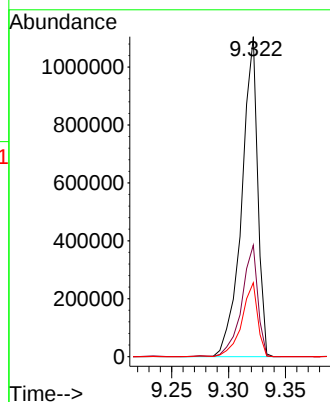
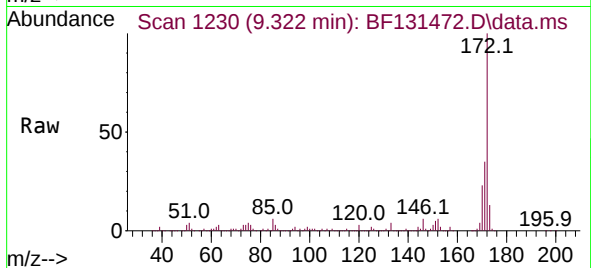
170 23.1 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/01/2022

Supervised By :Jagrut Upadhyay 12/01/2022



#46

1,1'-Biphenyl

Concen: 42.315 ng

RT: 9.422 min Scan# 1247

Delta R.T. 0.000 min

Lab File: BF131472.D

Acq: 30 Nov 2022 15:35

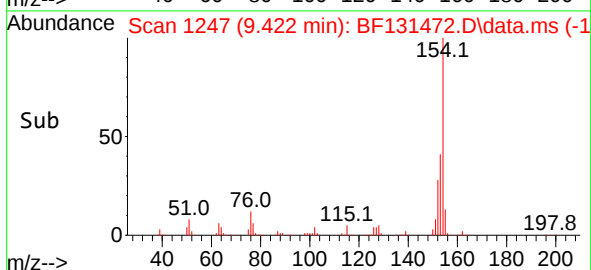
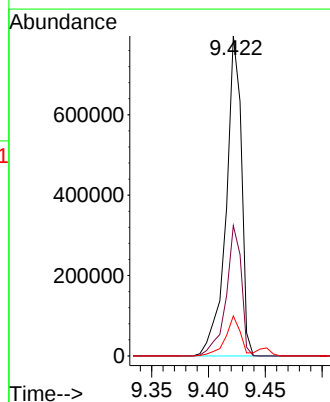
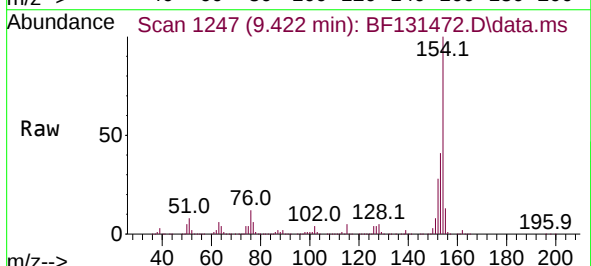
Tgt Ion:154 Resp: 746544

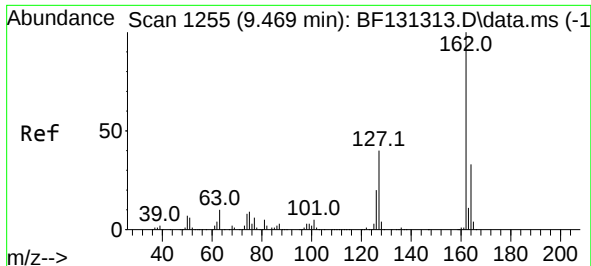
Ion Ratio Lower Upper

154 100

153 40.7 19.8 59.8

76 12.5 0.0 30.2





#47

2-Chloronaphthalene

Concen: 41.629 ng

RT: 9.451 min Scan# 1255

Delta R.T. 0.000 min

Lab File: BF131472.D

Acq: 30 Nov 2022 15:35

Instrument :

BNA_F

ClientSampleId :

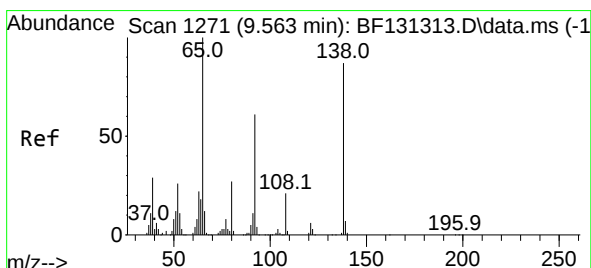
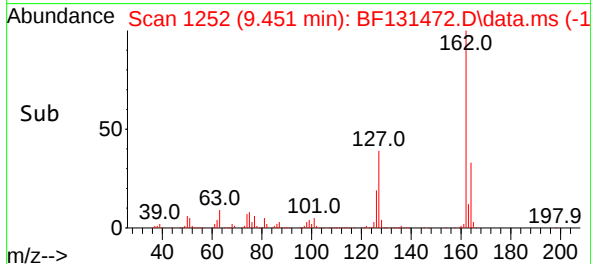
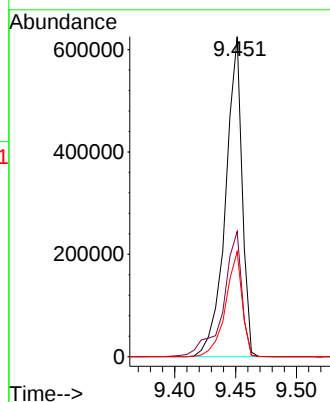
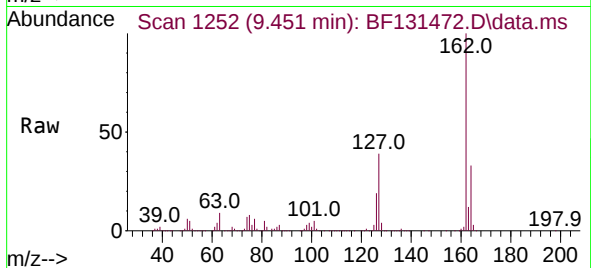
B-40-SB02MS

Tgt Ion: 162 Resp: 589172
 Ion Ratio Lower Upper
 162 100
 127 39.1 32.1 48.1
 164 32.8 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/01/2022
 Supervised By :Jagrut Upadhyay 12/01/2022



#48

2-Nitroaniline

Concen: 50.129 ng

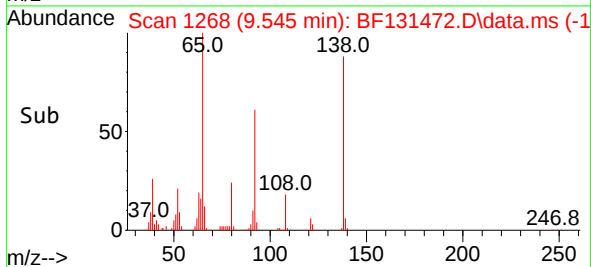
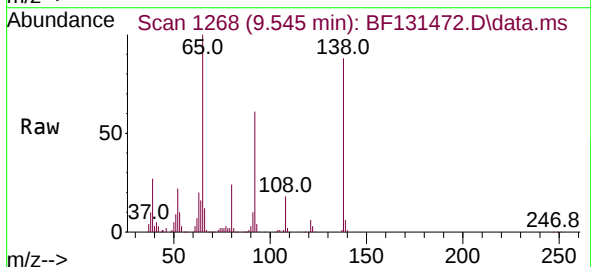
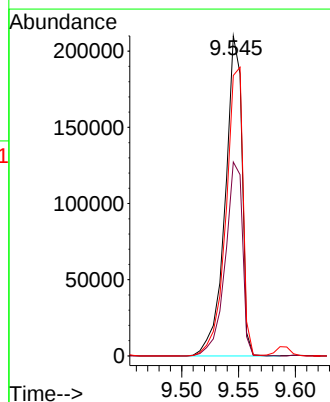
RT: 9.545 min Scan# 1268

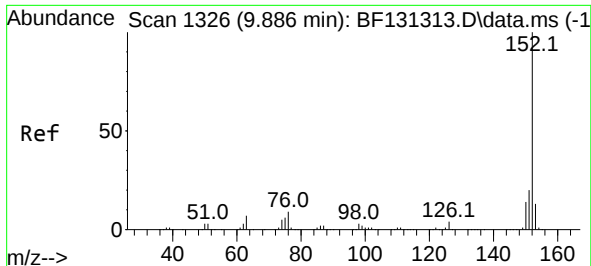
Delta R.T. 0.000 min

Lab File: BF131472.D

Acq: 30 Nov 2022 15:35

Tgt Ion: 65 Resp: 215416
 Ion Ratio Lower Upper
 65 100
 92 60.6 49.0 73.4
 138 87.6 69.4 104.2





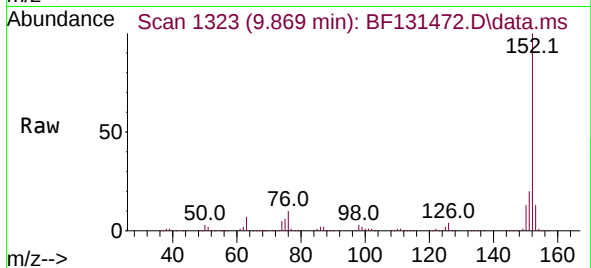
#49
Acenaphthylene
Concen: 42.927 ng
RT: 9.869 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BF131472.D
Acq: 30 Nov 2022 15:35

Instrument :

BNA_F

ClientSampleId :

B-40-SB02MS

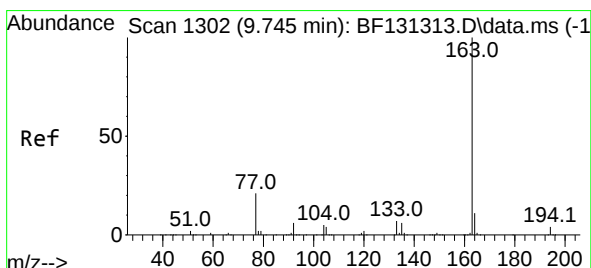
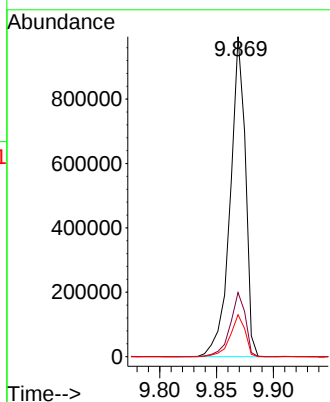
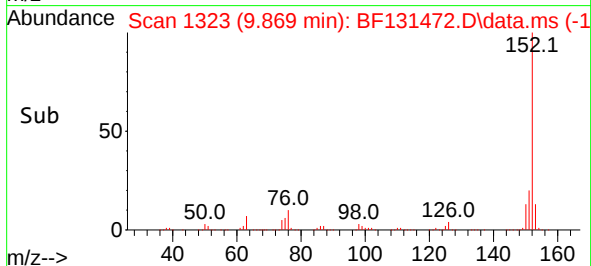


Tgt Ion:152 Resp: 926123
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.4
153 13.1 10.6 15.8

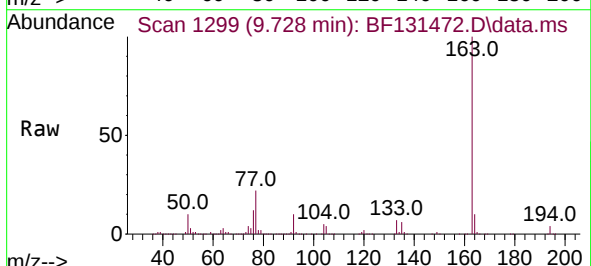
Manual Integrations

APPROVED

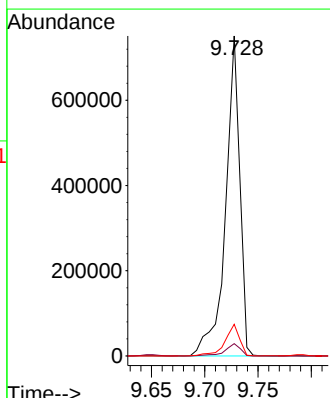
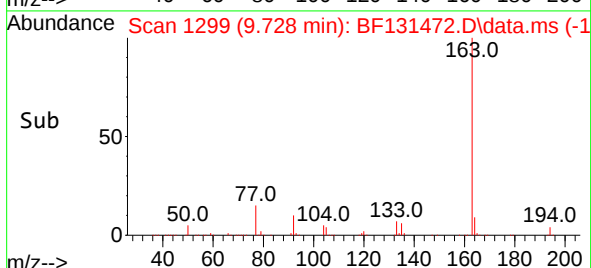
Reviewed By :Christian Giraldo 12/01/2022
Supervised By :Jagrut Upadhyay 12/01/2022

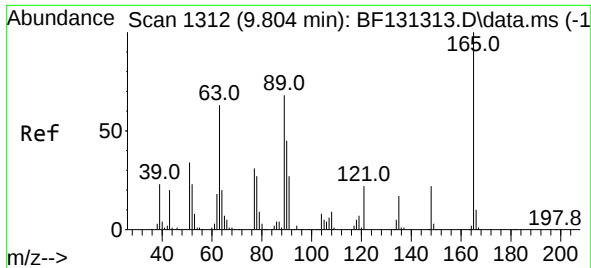


#50
Dimethylphthalate
Concen: 43.223 ng
RT: 9.728 min Scan# 1299
Delta R.T. 0.006 min
Lab File: BF131472.D
Acq: 30 Nov 2022 15:35



Tgt Ion:163 Resp: 696229
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 9.9 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 49.405 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.006 min
Lab File: BF131472.D
Acq: 30 Nov 2022 15:35

Instrument :

BNA_F

ClientSampleId :

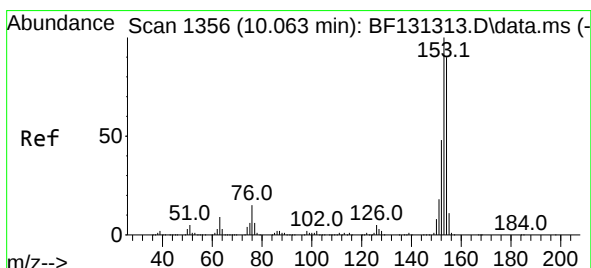
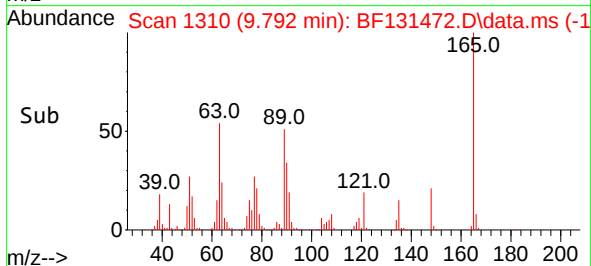
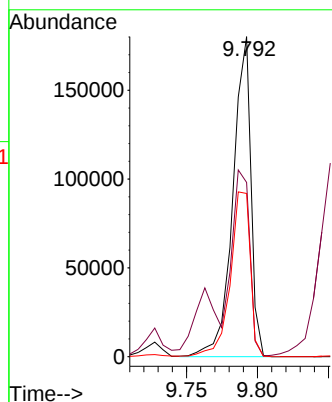
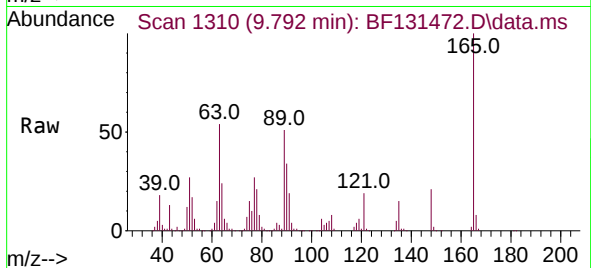
B-40-SB02MS

Tgt Ion:165 Resp: 159153
Ion Ratio Lower Upper
165 100
63 54.4 62.0 93.0
89 51.0 54.4 81.6

Manual Integrations

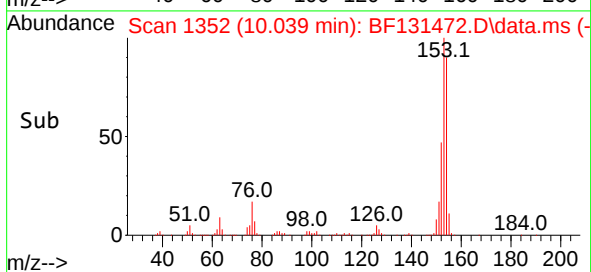
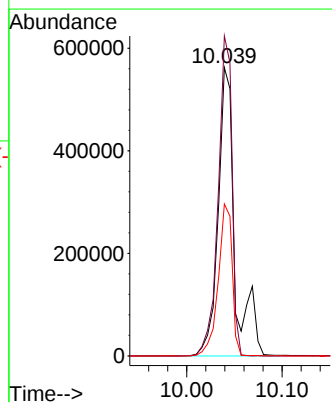
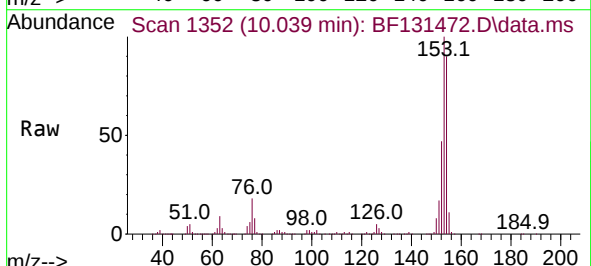
APPROVED

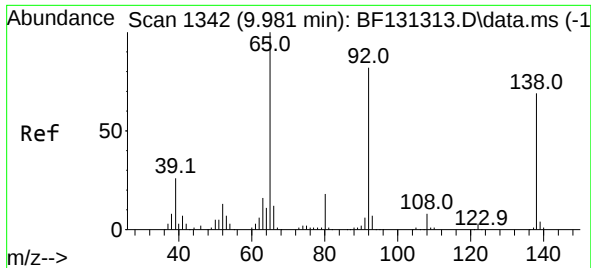
Reviewed By :Christian Giraldo 12/01/2022
Supervised By :Jagrut Upadhyay 12/01/2022



#52
Acenaphthene
Concen: 50.666 ng m
RT: 10.039 min Scan# 1352
Delta R.T. 0.000 min
Lab File: BF131472.D
Acq: 30 Nov 2022 15:35

Tgt Ion:154 Resp: 684485
Ion Ratio Lower Upper
154 100
153 111.0 88.4 132.6
152 52.7 42.8 64.2





#53
3-Nitroaniline
Concen: 34.236 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF131472.D
Acq: 30 Nov 2022 15:35

Instrument :

BNA_F

ClientSampleId :

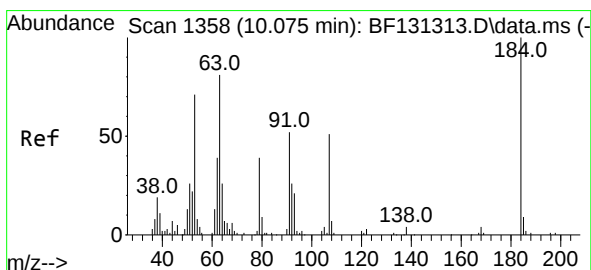
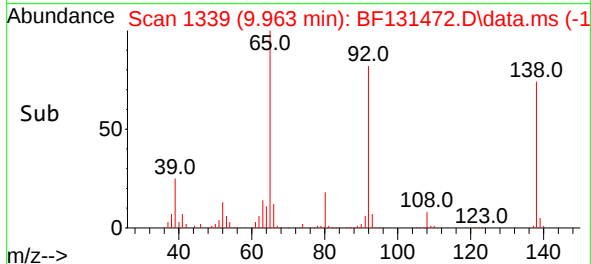
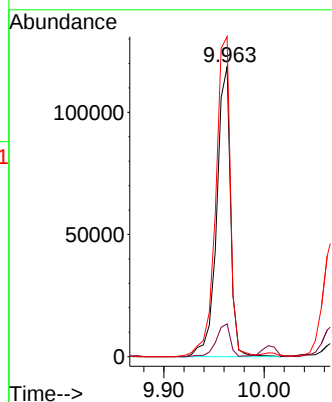
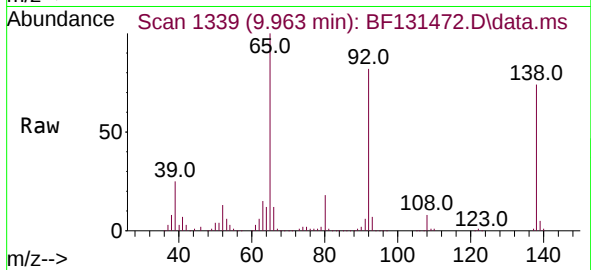
B-40-SB02MS

Tgt Ion:138 Resp: 113325
Ion Ratio Lower Upper
138 100
108 11.3 8.9 13.3
92 110.5 95.3 142.9

Manual Integrations

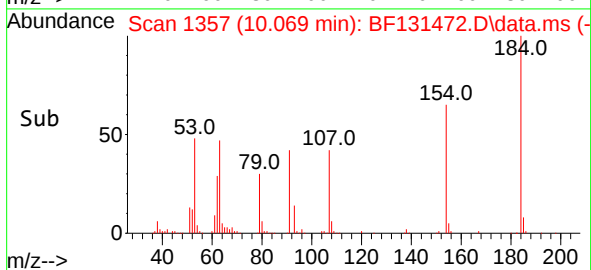
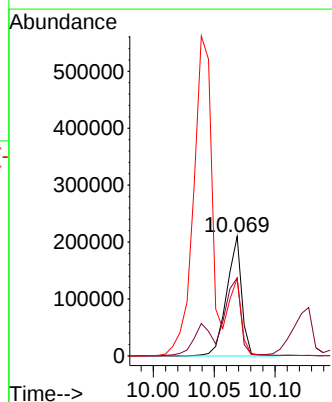
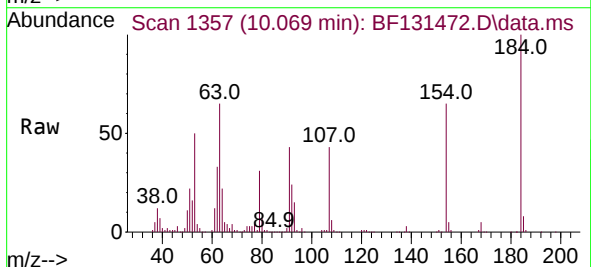
APPROVED

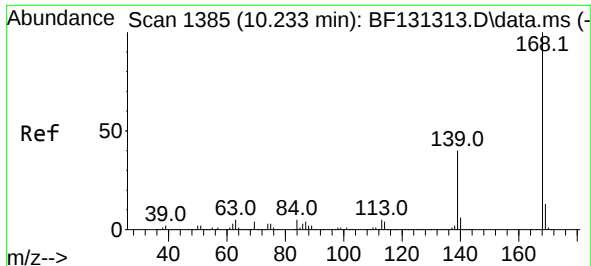
Reviewed By :Christian Giraldo 12/01/2022
Supervised By :Jagrut Upadhyay 12/01/2022



#54
2,4-Dinitrophenol
Concen: 106.872 ng
RT: 10.069 min Scan# 1357
Delta R.T. 0.006 min
Lab File: BF131472.D
Acq: 30 Nov 2022 15:35

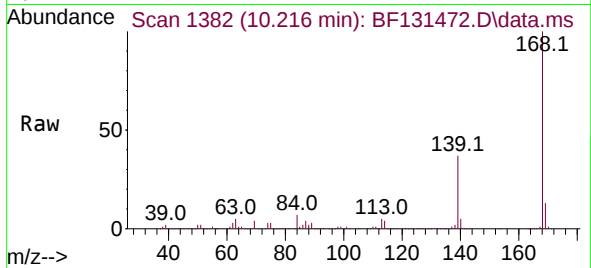
Tgt Ion:184 Resp: 180804
Ion Ratio Lower Upper
184 100
63 65.3 72.1 108.1#
154 64.7 56.3 84.5





#55
Dibenzenofuran
Concen: 50.231 ng
RT: 10.216 min Scan# 1382
Delta R.T. 0.006 min
Lab File: BF131472.D
Acq: 30 Nov 2022 15:35

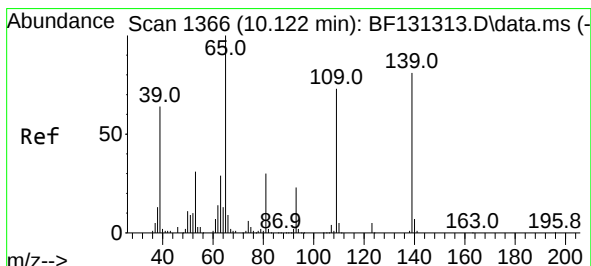
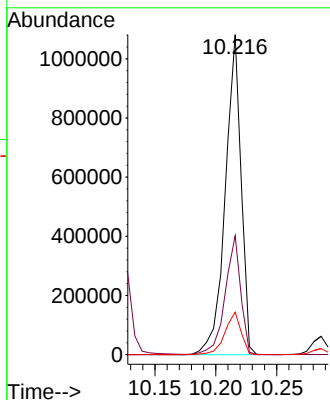
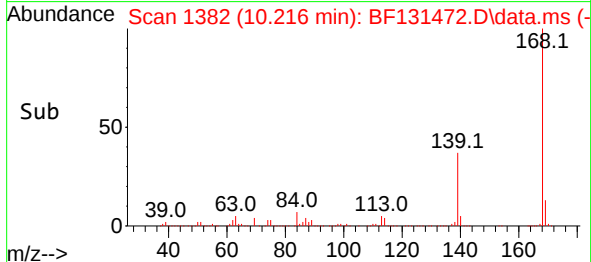
Instrument :
BNA_F
ClientSampleId :
B-40-SB02MS



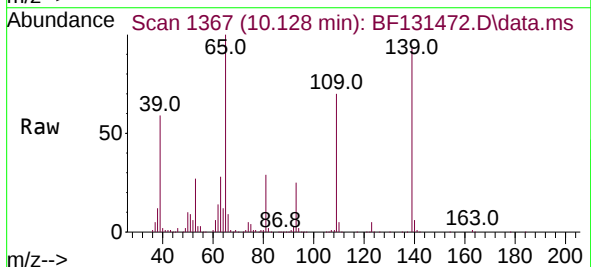
Tgt Ion:168 Resp: 976281
Ion Ratio Lower Upper
168 100
139 37.2 31.7 47.5
169 13.3 10.6 15.8

Manual Integrations
APPROVED

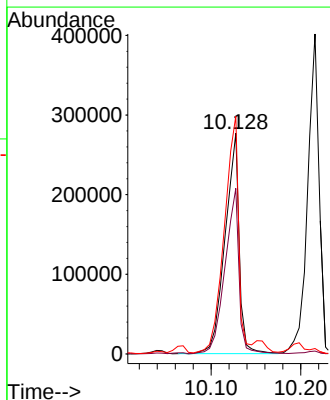
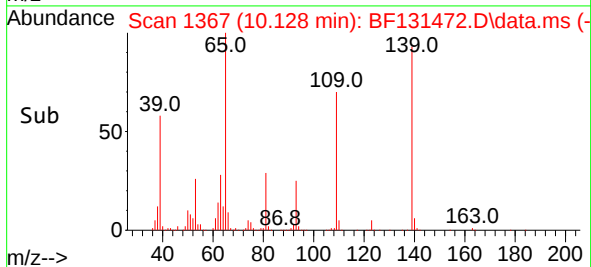
Reviewed By :Christian Giraldo 12/01/2022
Supervised By :Jagrut Upadhyay 12/01/2022

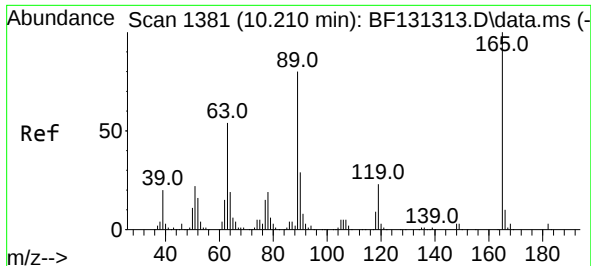


#56
4-Nitrophenol
Concen: 132.820 ng
RT: 10.128 min Scan# 1367
Delta R.T. 0.018 min
Lab File: BF131472.D
Acq: 30 Nov 2022 15:35



Tgt Ion:139 Resp: 305129
Ion Ratio Lower Upper
139 100
109 75.1 69.6 109.6
65 107.8 103.4 143.4





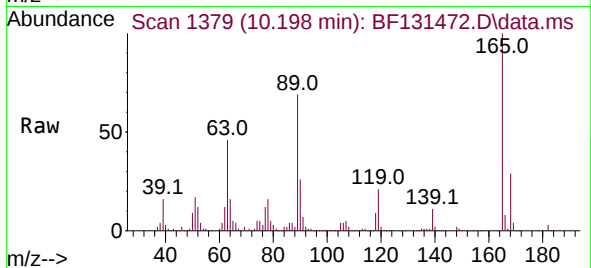
#57
2,4-Dinitrotoluene
Concen: 64.128 ng
RT: 10.198 min Scan# 1381
Delta R.T. 0.006 min
Lab File: BF131472.D
Acq: 30 Nov 2022 15:35

Instrument :

BNA_F

ClientSampleId :

B-40-SB02MS

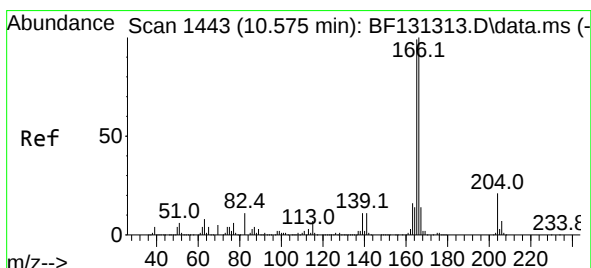
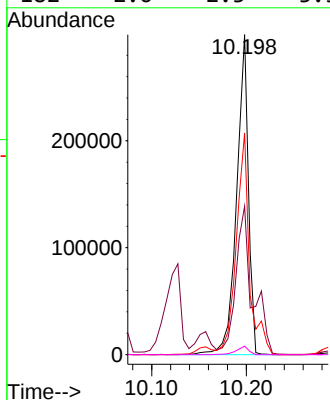
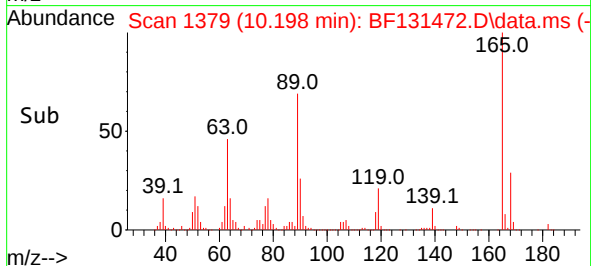


Tgt Ion:165 Resp: 259923
Ion Ratio Lower Upper
165 100
63 46.4 43.4 65.2
89 69.3 64.0 96.0
182 2.6 2.3 3.5

Manual Integrations

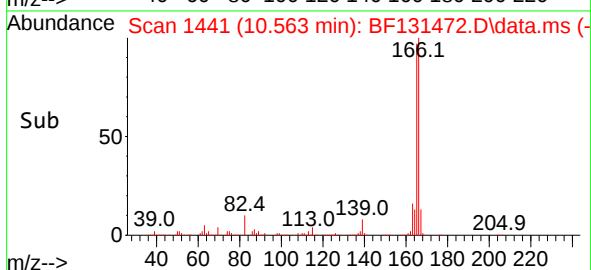
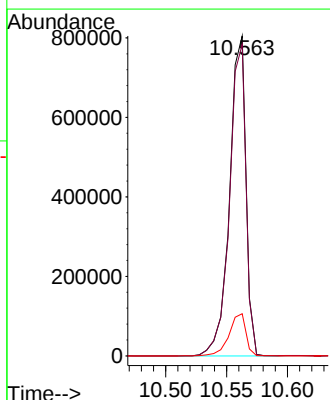
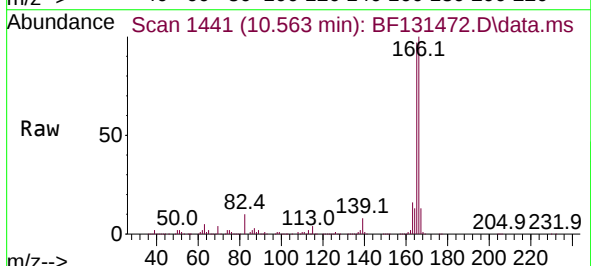
APPROVED

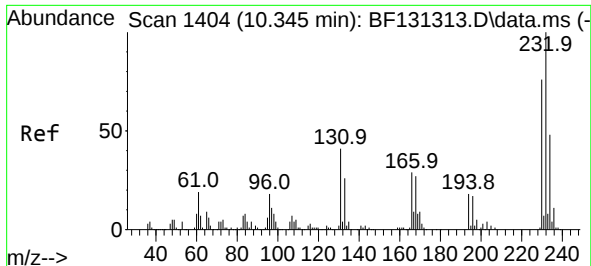
Reviewed By :Christian Giraldo 12/01/2022
Supervised By :Jagrut Upadhyay 12/01/2022



#58
Fluorene
Concen: 49.867 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.006 min
Lab File: BF131472.D
Acq: 30 Nov 2022 15:35

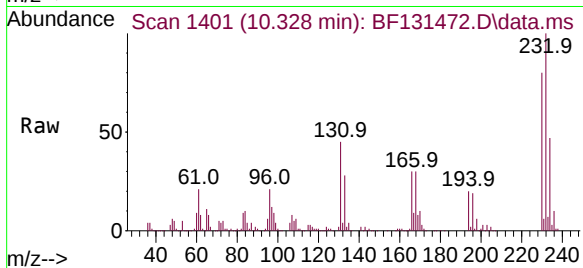
Tgt Ion:166 Resp: 756410
Ion Ratio Lower Upper
166 100
165 97.3 79.0 118.4
167 13.2 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 58.162 ng
RT: 10.328 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF131472.D
Acq: 30 Nov 2022 15:35

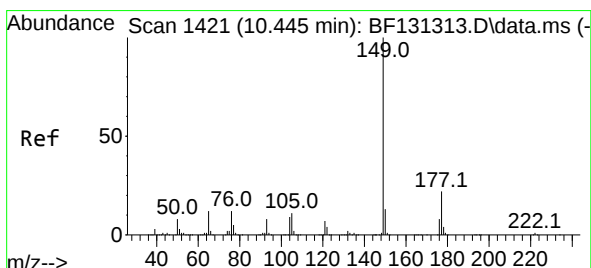
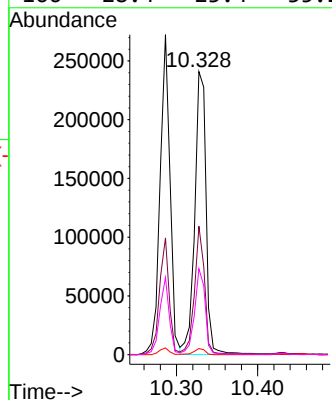
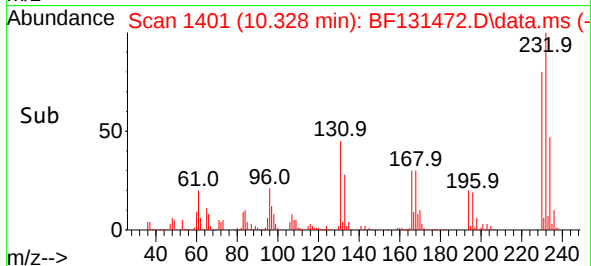
Instrument :
BNA_F
ClientSampleId :
B-40-SB02MS



Tgt Ion:232 Resp: 231816
Ion Ratio Lower Upper
232 100
131 40.1 35.2 52.8
130 2.1 1.8 2.8
166 28.4 23.4 35.2

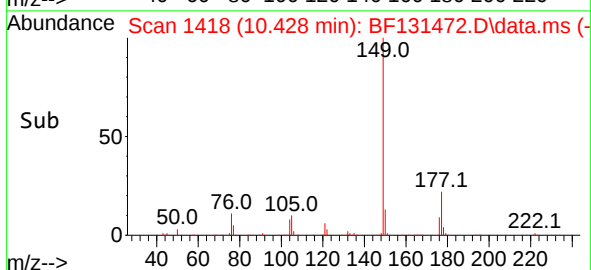
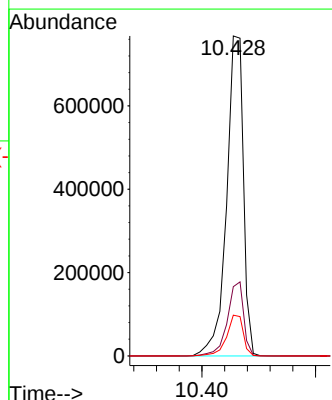
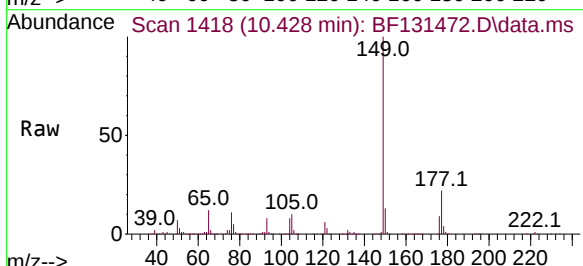
Manual Integrations
APPROVED

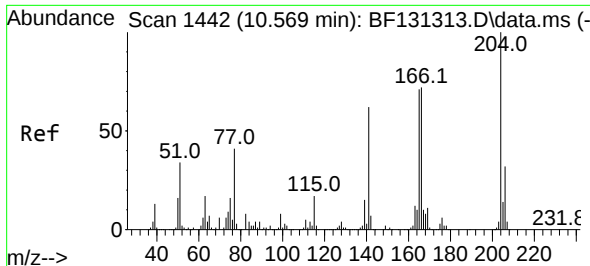
Reviewed By :Christian Giraldo 12/01/2022
Supervised By :Jagrut Upadhyay 12/01/2022



#60
Diethylphthalate
Concen: 51.864 ng
RT: 10.428 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF131472.D
Acq: 30 Nov 2022 15:35

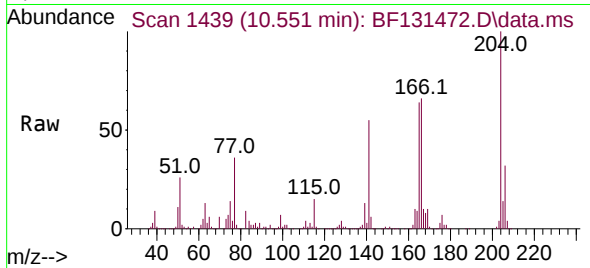
Tgt Ion:149 Resp: 788834
Ion Ratio Lower Upper
149 100
177 21.6 17.6 26.4
150 12.7 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 49.943 ng
RT: 10.551 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF131472.D
Acq: 30 Nov 2022 15:35

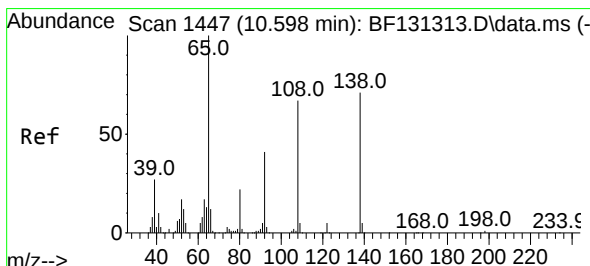
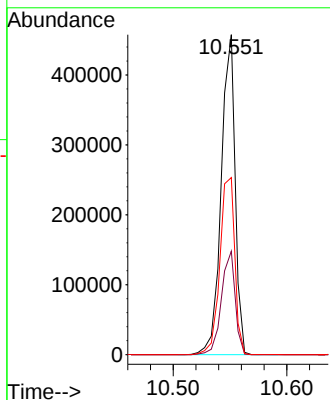
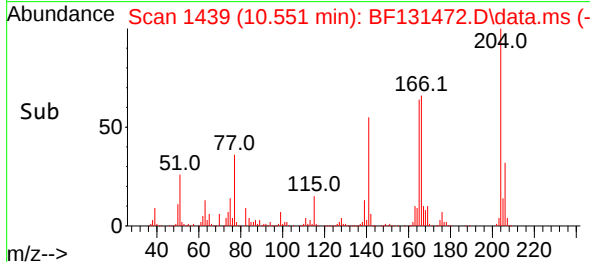
Instrument :
BNA_F
ClientSampleId :
B-40-SB02MS



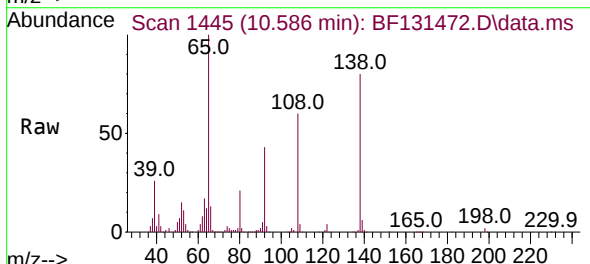
Tgt Ion:204 Resp: 388352
Ion Ratio Lower Upper
204 100
206 32.4 25.7 38.5
141 55.3 49.2 73.8

Manual Integrations
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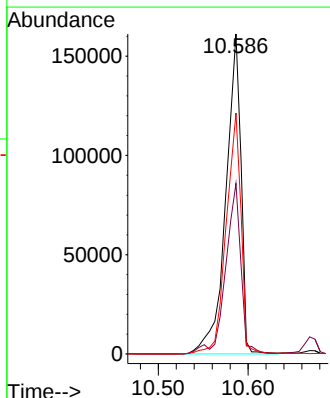
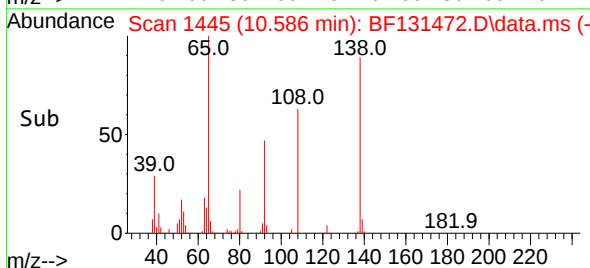
Reviewed By :Christian Giraldo 12/01/2022
Supervised By :Jagrut Upadhyay 12/01/2022

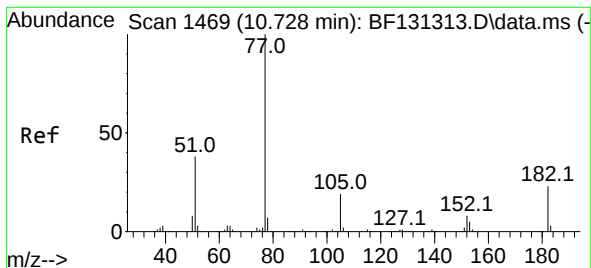


#62
4-Nitroaniline
Concen: 57.856 ng
RT: 10.586 min Scan# 1445
Delta R.T. 0.006 min
Lab File: BF131472.D
Acq: 30 Nov 2022 15:35



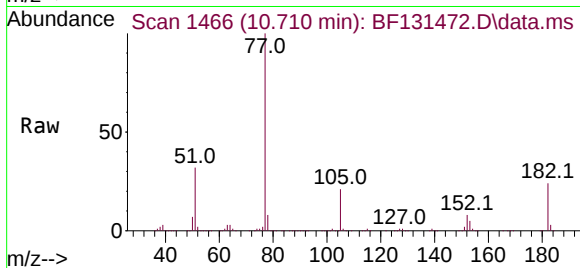
Tgt Ion:138 Resp: 190596
Ion Ratio Lower Upper
138 100
92 53.3 37.0 77.0
108 75.3 74.0 114.0





#63
Azobenzene
Concen: 48.745 ng
RT: 10.710 min Scan# 1469
Delta R.T. 0.000 min
Lab File: BF131472.D
Acq: 30 Nov 2022 15:35

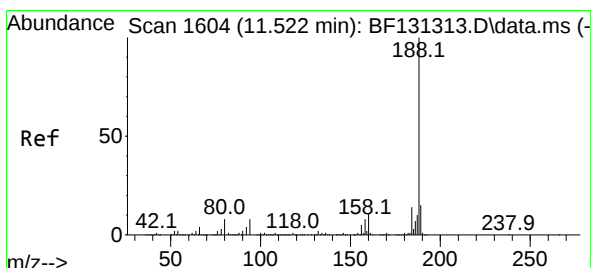
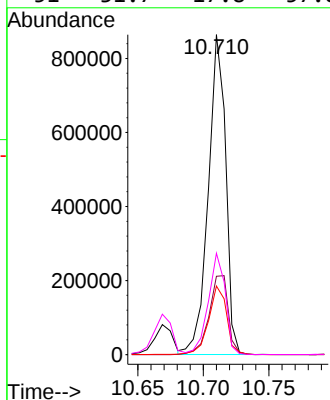
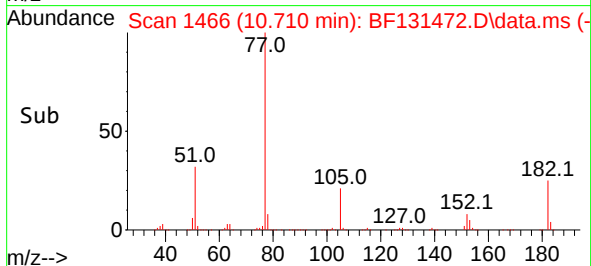
Instrument :
BNA_F
ClientSampleId :
B-40-SB02MS



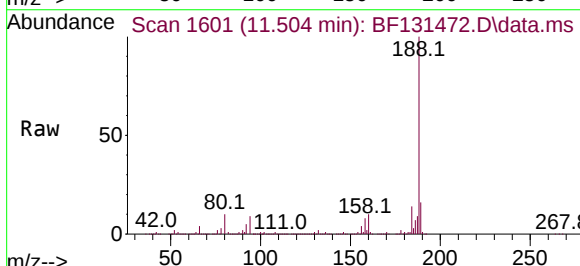
Tgt Ion: 77 Resp: 797184
Ion Ratio Lower Upper
77 100
182 24.5 3.1 43.1
105 21.4 0.0 39.2
51 31.7 17.8 57.8

Manual Integrations
APPROVED

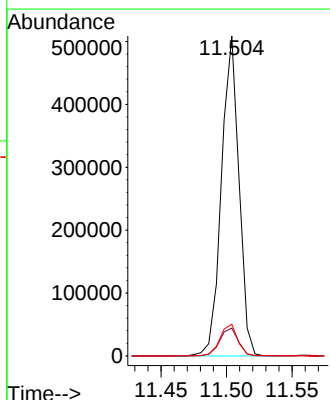
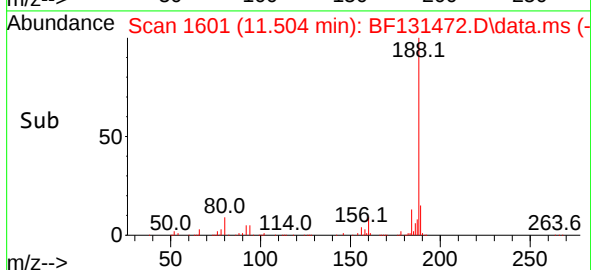
Reviewed By :Christian Giraldo 12/01/2022
Supervised By :Jagrut Upadhyay 12/01/2022

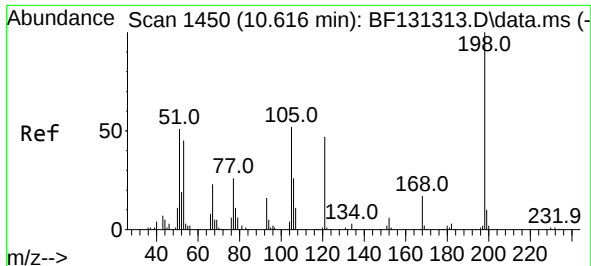


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 1601
Delta R.T. 0.000 min
Lab File: BF131472.D
Acq: 30 Nov 2022 15:35



Tgt Ion:188 Resp: 473488
Ion Ratio Lower Upper
188 100
94 8.7 6.3 9.5
80 9.9 6.8 10.2





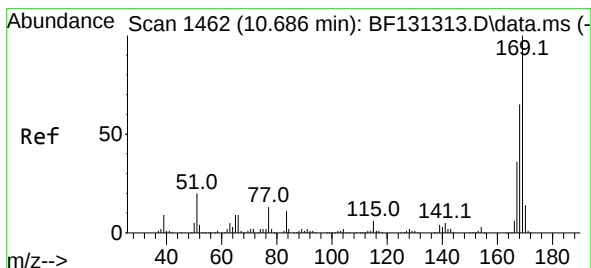
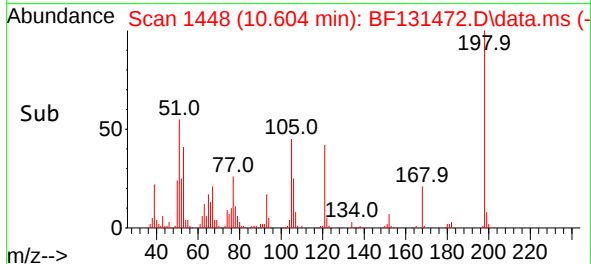
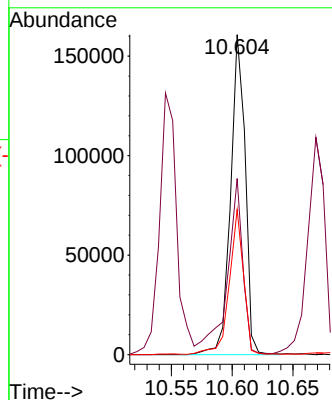
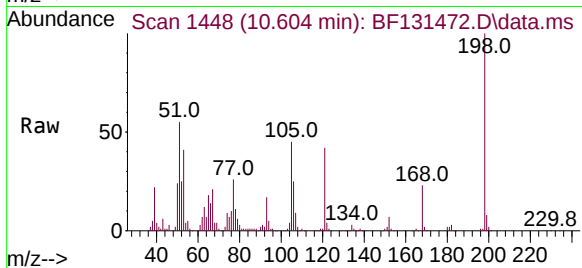
#65
4,6-Dinitro-2-methylphenol
Concen: 60.899 ng
RT: 10.604 min Scan# 1448
Delta R.T. 0.006 min
Lab File: BF131472.D
Acq: 30 Nov 2022 15:35

Instrument :
BNA_F
ClientSampleId :
B-40-SB02MS

Tgt Ion:198 Resp: 134018
Ion Ratio Lower Upper
198 100
51 55.0 50.1 90.1
105 45.3 32.5 72.5

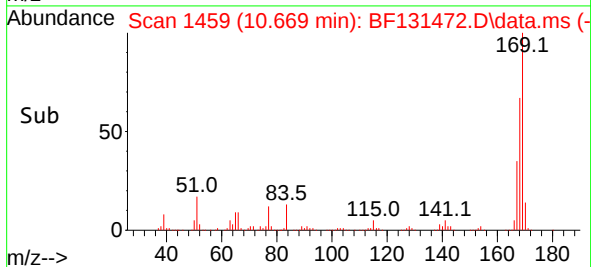
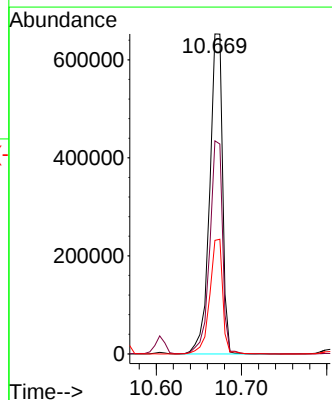
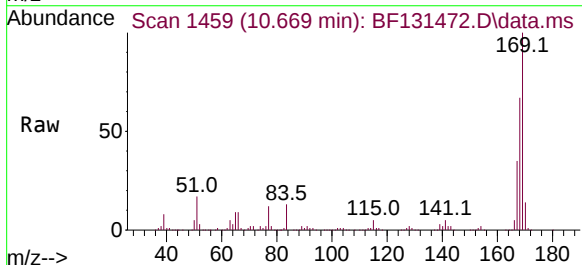
Manual Integrations
APPROVED

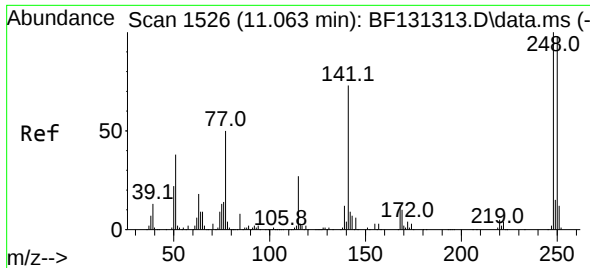
Reviewed By :Christian Giraldo 12/01/2022
Supervised By :Jagrut Upadhyay 12/01/2022



#66
n-Nitrosodiphenylamine
Concen: 45.336 ng
RT: 10.669 min Scan# 1459
Delta R.T. 0.000 min
Lab File: BF131472.D
Acq: 30 Nov 2022 15:35

Tgt Ion:169 Resp: 684010
Ion Ratio Lower Upper
169 100
168 66.6 52.4 78.6
167 35.5 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 44.306 ng
RT: 11.045 min Scan# 1526
Delta R.T. 0.006 min
Lab File: BF131472.D
Acq: 30 Nov 2022 15:35

Instrument :

BNA_F

ClientSampleId :

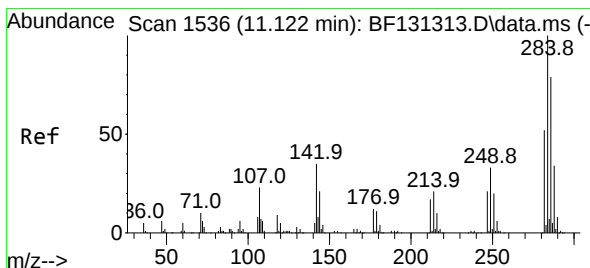
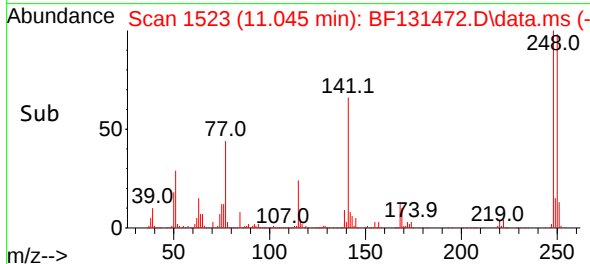
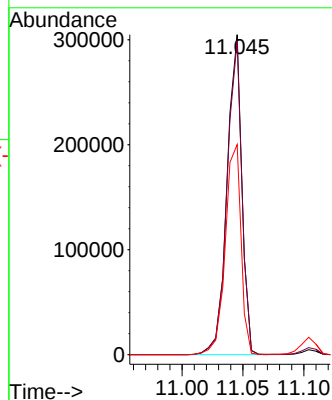
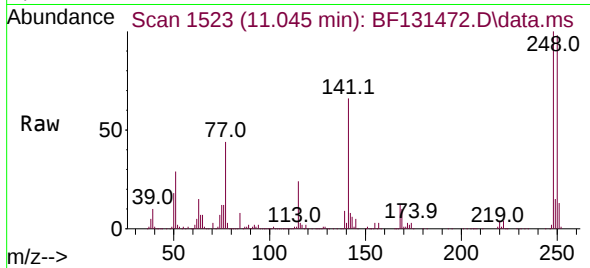
B-40-SB02MS

Tgt Ion:248 Resp: 257120
Ion Ratio Lower Upper
248 100
250 98.0 78.3 117.5
141 65.6 58.0 87.0

Manual Integrations

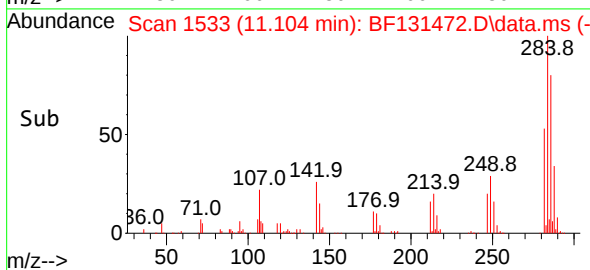
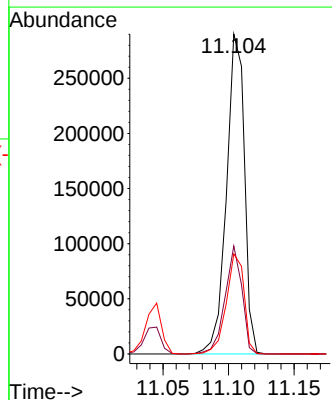
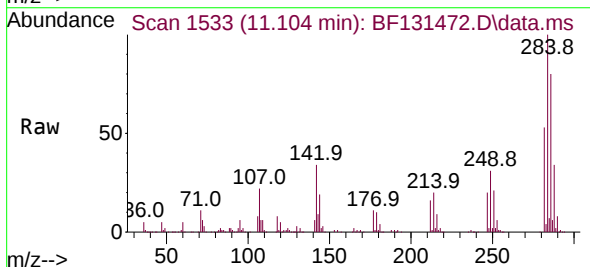
APPROVED

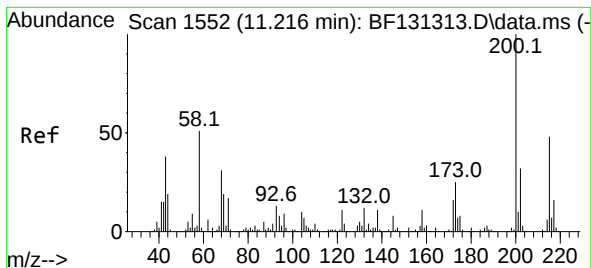
Reviewed By :Christian Giraldo 12/01/2022
Supervised By :Jagrut Upadhyay 12/01/2022



#68
Hexachlorobenzene
Concen: 44.861 ng
RT: 11.104 min Scan# 1533
Delta R.T. 0.000 min
Lab File: BF131472.D
Acq: 30 Nov 2022 15:35

Tgt Ion:284 Resp: 276306
Ion Ratio Lower Upper
284 100
142 33.7 28.4 42.6
249 31.2 26.5 39.7





#69

Atrazine

Concen: 53.991 ng

RT: 11.204 min Scan# 1550

Delta R.T. 0.012 min

Lab File: BF131472.D

Acq: 30 Nov 2022 15:35

Instrument :

BNA_F

ClientSampleId :

B-40-SB02MS

Tgt Ion:200 Resp: 250803

Ion Ratio Lower Upper

200 100

173 25.6 5.2 45.2

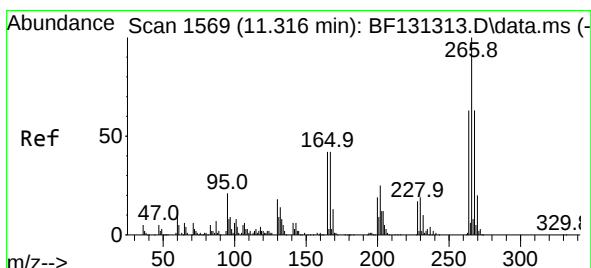
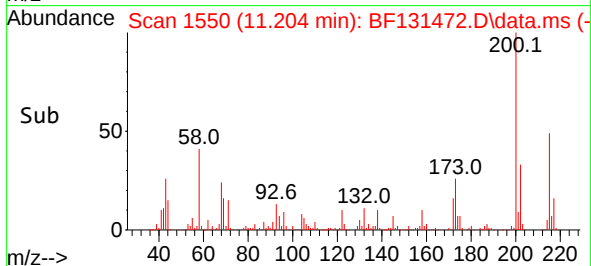
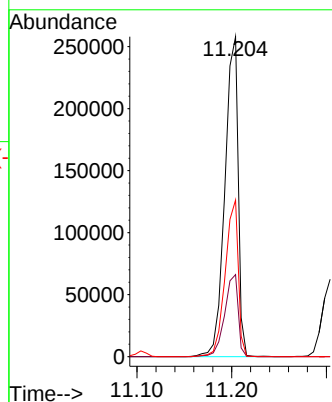
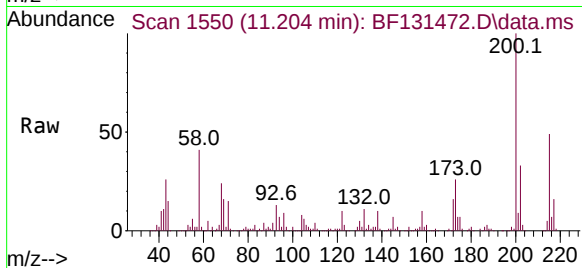
215 48.9 28.3 68.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/01/2022

Supervised By :Jagrut Upadhyay 12/01/2022



#70

Pentachlorophenol

Concen: 86.272 ng

RT: 11.304 min Scan# 1567

Delta R.T. 0.006 min

Lab File: BF131472.D

Acq: 30 Nov 2022 15:35

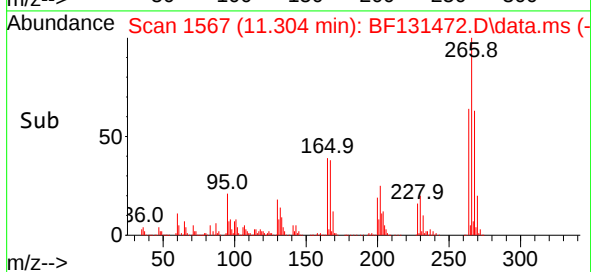
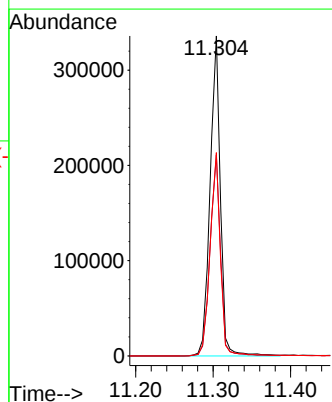
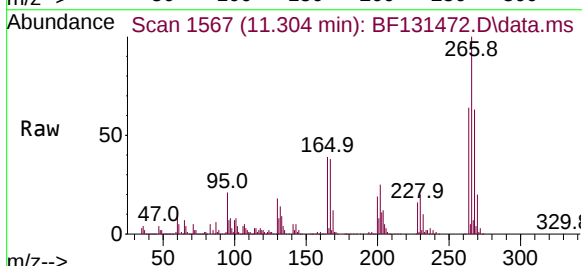
Tgt Ion:266 Resp: 310214

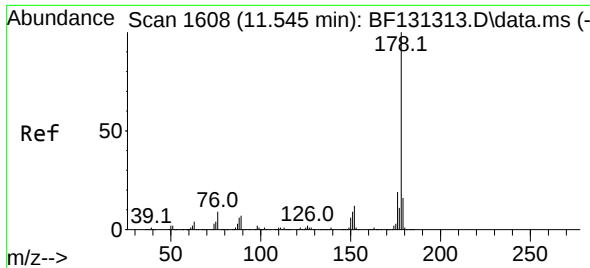
Ion Ratio Lower Upper

266 100

268 62.8 50.6 75.8

264 63.5 50.4 75.6





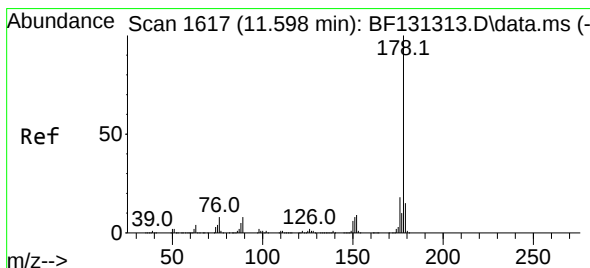
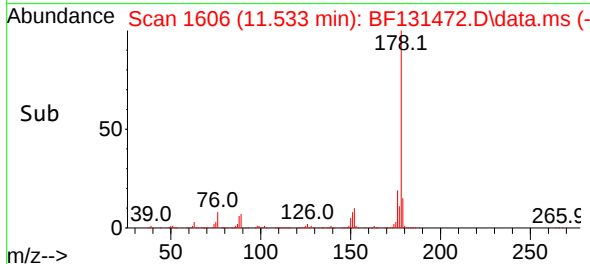
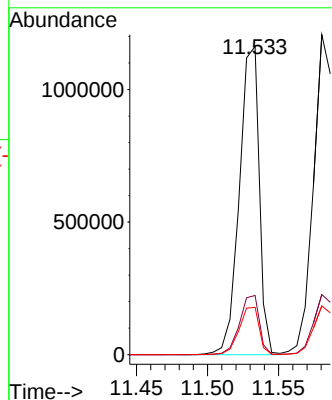
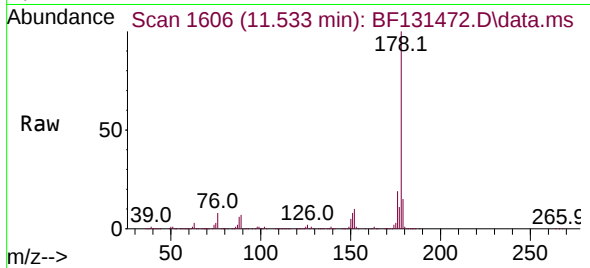
#71
Phenanthrene
Concen: 44.164 ng
RT: 11.533 min Scan# 1608
Delta R.T. 0.006 min
Lab File: BF131472.D
Acq: 30 Nov 2022 15:35

Instrument :
BNA_F
ClientSampleId :
B-40-SB02MS

Tgt Ion:178 Resp: 1130108
Ion Ratio Lower Upper
178 100
176 19.2 15.6 23.4
179 15.3 12.4 18.6

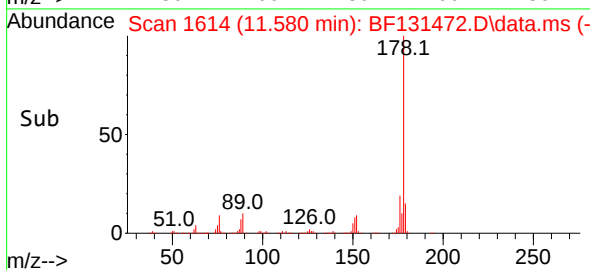
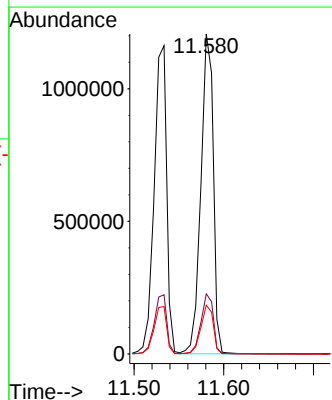
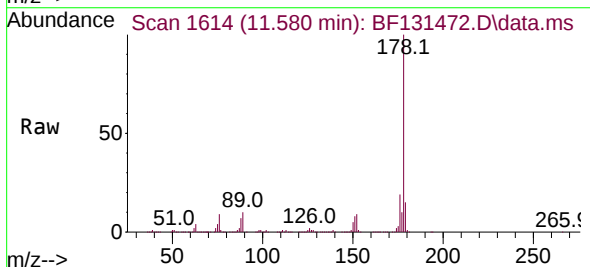
Manual Integrations
APPROVED

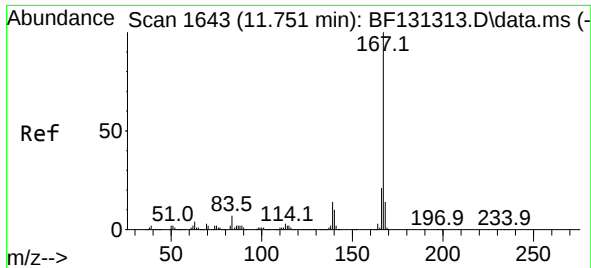
Reviewed By :Christian Giraldo 12/01/2022
Supervised By :Jagrut Upadhyay 12/01/2022



#72
Anthracene
Concen: 46.015 ng
RT: 11.580 min Scan# 1614
Delta R.T. 0.000 min
Lab File: BF131472.D
Acq: 30 Nov 2022 15:35

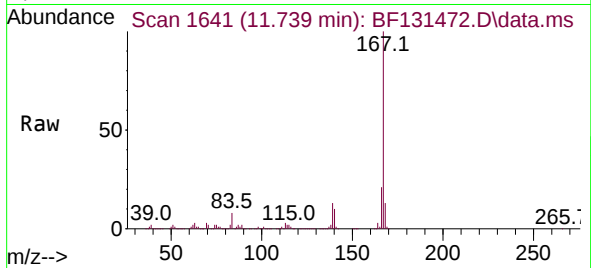
Tgt Ion:178 Resp: 1157182
Ion Ratio Lower Upper
178 100
176 18.8 14.7 22.1
179 15.2 12.2 18.4





#73
 Carbazole
 Concen: 47.647 ng
 RT: 11.739 min Scan# 1641
 Delta R.T. 0.006 min
 Lab File: BF131472.D
 Acq: 30 Nov 2022 15:35

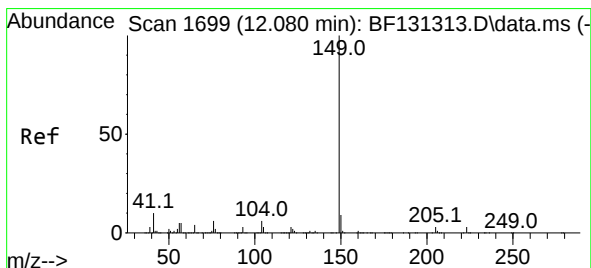
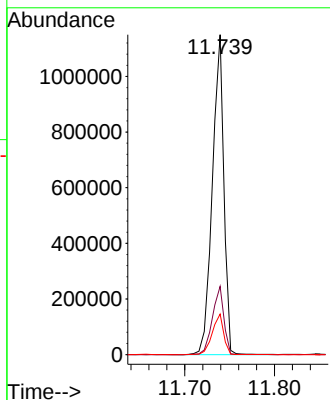
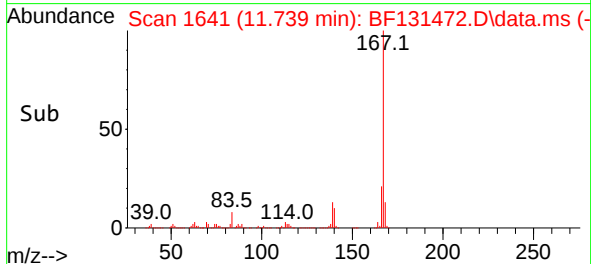
Instrument :
 BNA_F
 ClientSampleId :
 B-40-SB02MS



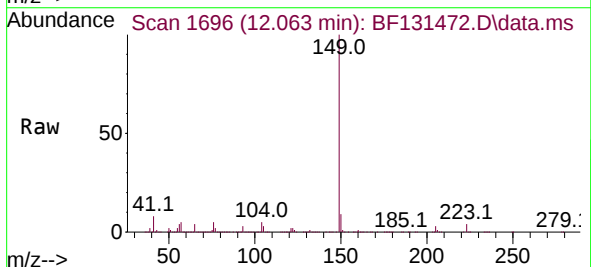
Tgt Ion:167 Resp: 1022090
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.0 25.6
 139 12.7 10.8 16.2

Manual Integrations
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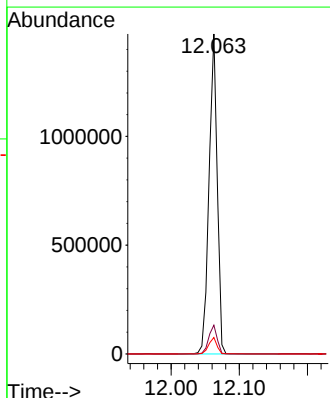
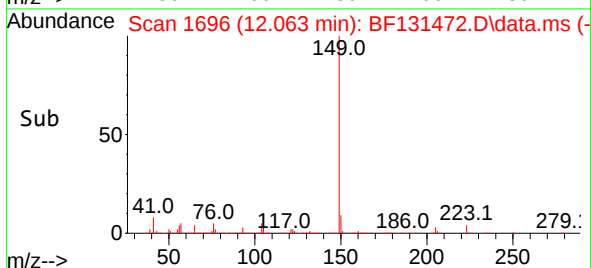
Reviewed By :Christian Giraldo 12/01/2022
 Supervised By :Jagrut Upadhyay 12/01/2022

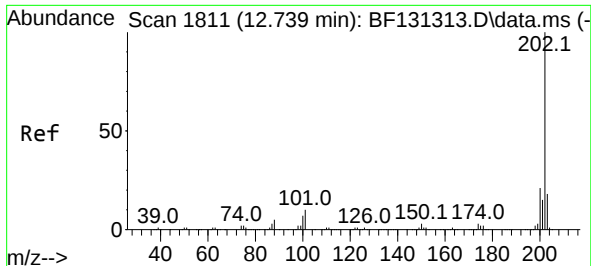


#74
 Di-n-butylphthalate
 Concen: 48.572 ng
 RT: 12.063 min Scan# 1696
 Delta R.T. 0.000 min
 Lab File: BF131472.D
 Acq: 30 Nov 2022 15:35



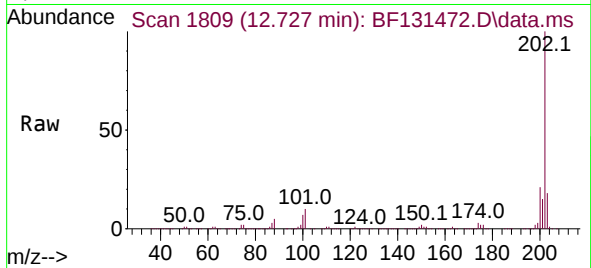
Tgt Ion:149 Resp: 1227777
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.3 10.9
 104 5.1 4.7 7.1





#75
Fluoranthene
Concen: 45.269 ng
RT: 12.727 min Scan# 1811
Delta R.T. 0.006 min
Lab File: BF131472.D
Acq: 30 Nov 2022 15:35

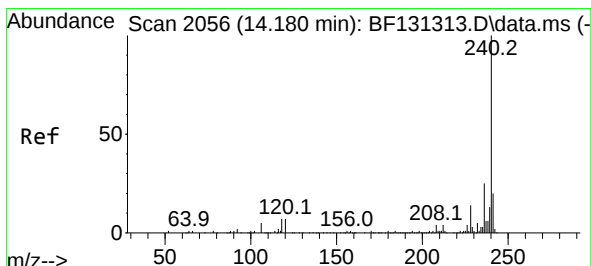
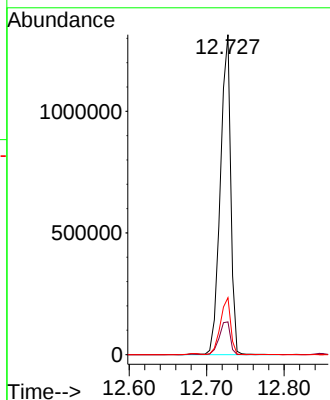
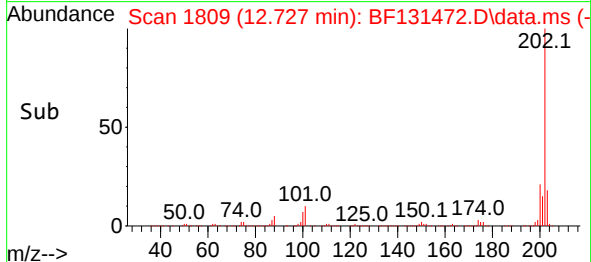
Instrument :
BNA_F
ClientSampleId :
B-40-SB02MS



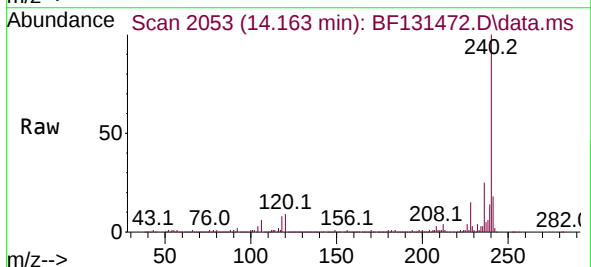
Tgt Ion:202 Resp: 1220631
Ion Ratio Lower Upper
202 100
101 10.3 0.0 29.6
203 17.8 0.0 37.8

Manual Integrations
APPROVED

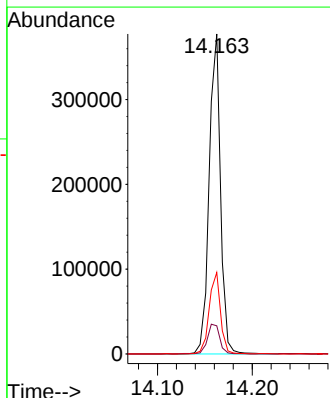
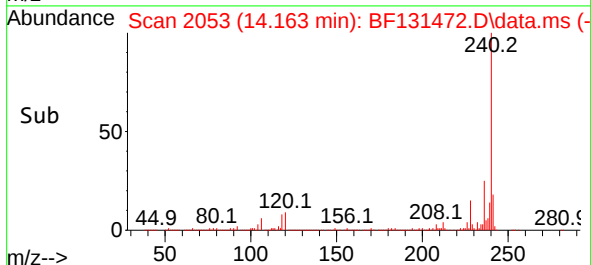
Reviewed By :Christian Giraldo 12/01/2022
Supervised By :Jagrut Upadhyay 12/01/2022

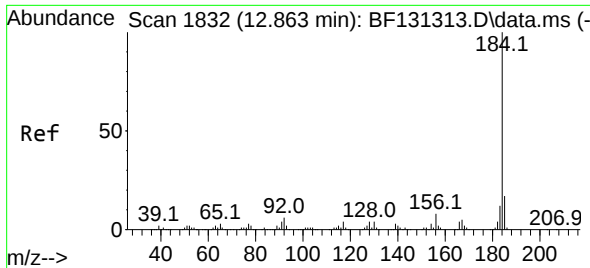


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.163 min Scan# 2053
Delta R.T. 0.006 min
Lab File: BF131472.D
Acq: 30 Nov 2022 15:35



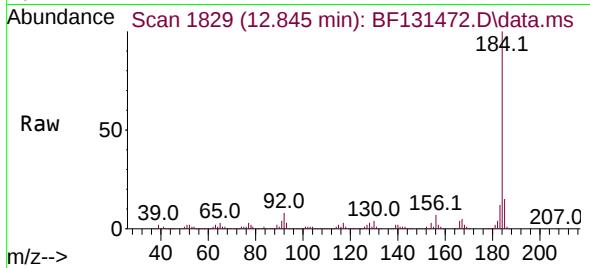
Tgt Ion:240 Resp: 314559
Ion Ratio Lower Upper
240 100
120 8.8 5.8 8.8#
236 25.4 20.3 30.5





#77
Benzidine
Concen: 102.768 ng
RT: 12.845 min Scan# 1829
Delta R.T. 0.000 min
Lab File: BF131472.D
Acq: 30 Nov 2022 15:35

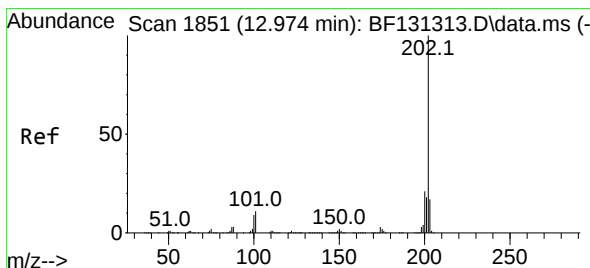
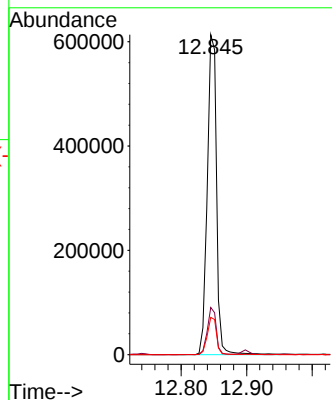
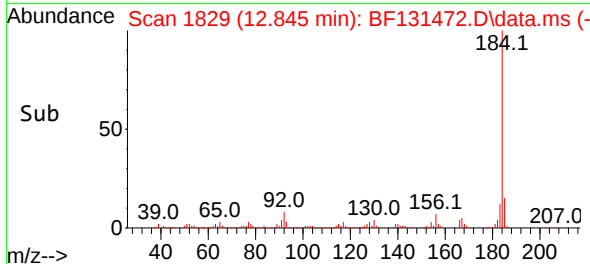
Instrument :
BNA_F
ClientSampleId :
B-40-SB02MS



Tgt Ion:184 Resp: 597115
Ion Ratio Lower Upper
184 100
185 14.7 13.8 20.8
183 11.6 9.6 14.4

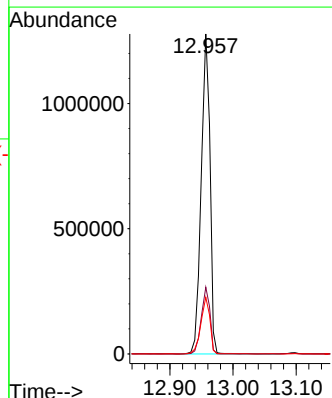
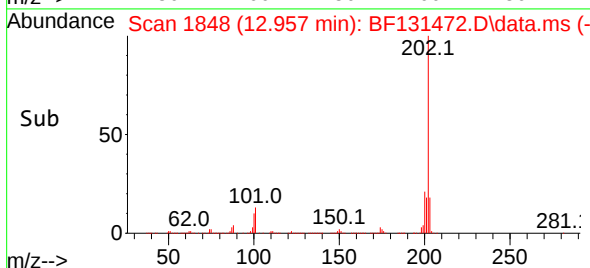
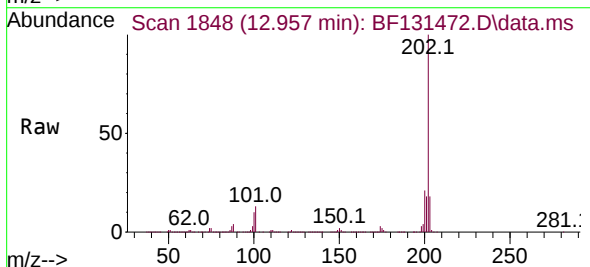
Manual Integrations
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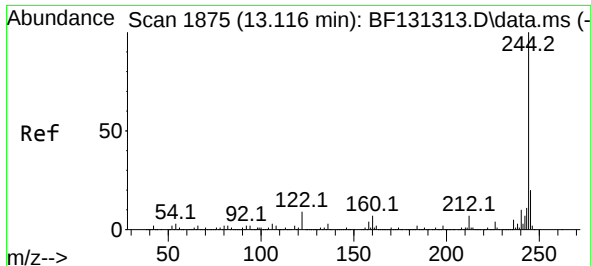
Reviewed By :Christian Giraldo 12/01/2022
Supervised By :Jagrut Upadhyay 12/01/2022



#78
Pyrene
Concen: 44.604 ng
RT: 12.957 min Scan# 1848
Delta R.T. 0.000 min
Lab File: BF131472.D
Acq: 30 Nov 2022 15:35

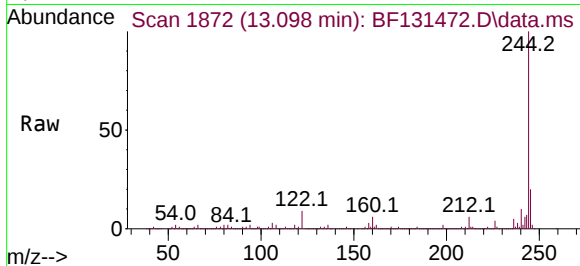
Tgt Ion:202 Resp: 1237896
Ion Ratio Lower Upper
202 100
200 20.8 16.9 25.3
203 17.7 13.9 20.9





#79
Terphenyl-d14
Concen: 68.382 ng
RT: 13.098 min Scan# 1875
Delta R.T. 0.000 min
Lab File: BF131472.D
Acq: 30 Nov 2022 15:35

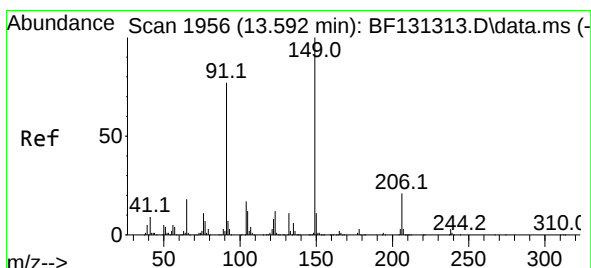
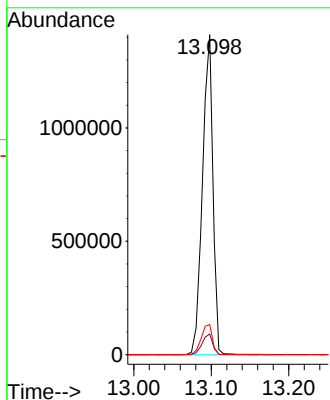
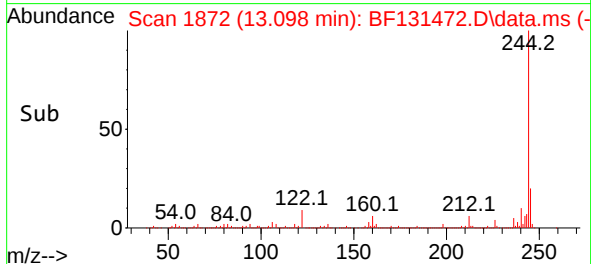
Instrument :
BNA_F
ClientSampleId :
B-40-SB02MS



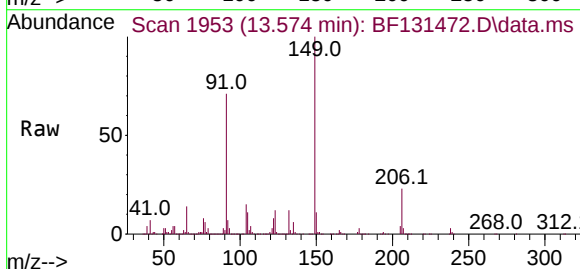
Tgt Ion:244 Resp: 1315385
Ion Ratio Lower Upper
244 100
212 6.4 5.9 8.9
122 9.4 7.5 11.3

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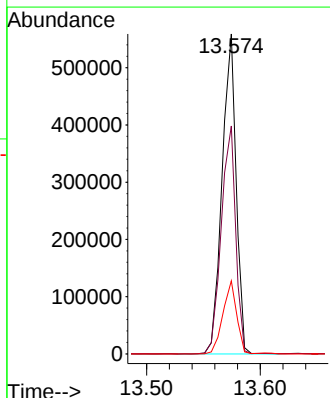
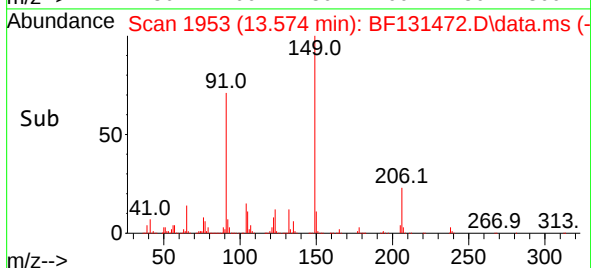
Reviewed By :Christian Giraldo 12/01/2022
Supervised By :Jagrut Upadhyay 12/01/2022

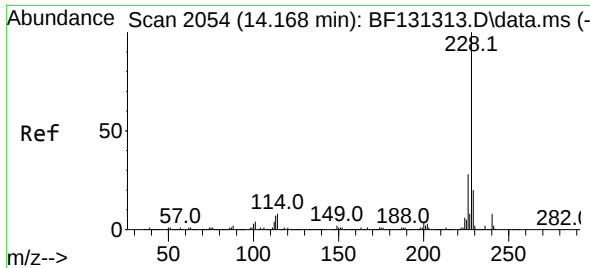


#80
Butylbenzylphthalate
Concen: 51.139 ng
RT: 13.574 min Scan# 1953
Delta R.T. 0.006 min
Lab File: BF131472.D
Acq: 30 Nov 2022 15:35



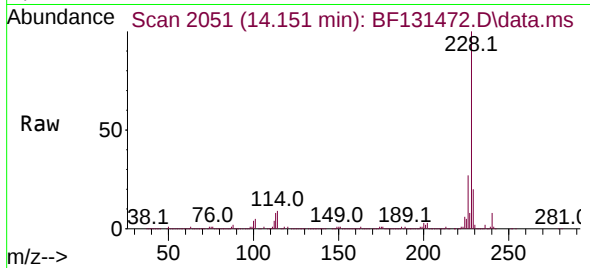
Tgt Ion:149 Resp: 480258
Ion Ratio Lower Upper
149 100
91 71.2 61.9 92.9
206 22.8 16.5 24.7





#81
Benzo(a)anthracene
Concen: 44.784 ng
RT: 14.151 min Scan# 2051
Delta R.T. 0.006 min
Lab File: BF131472.D
Acq: 30 Nov 2022 15:35

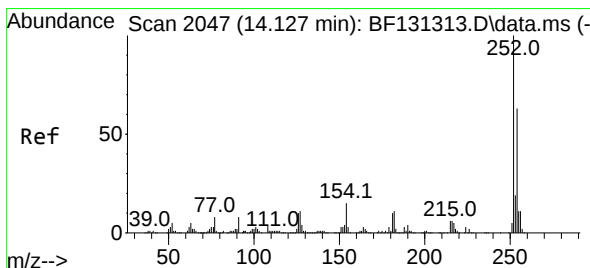
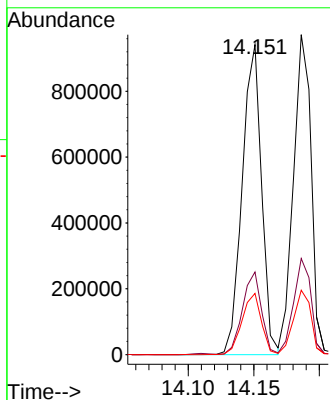
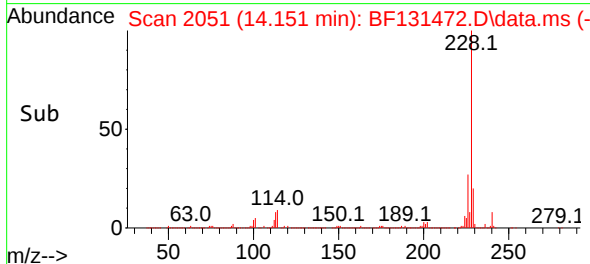
Instrument :
BNA_F
ClientSampleId :
B-40-SB02MS



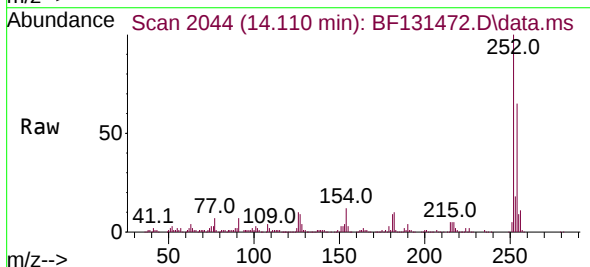
Tgt Ion:228 Resp: 965605
Ion Ratio Lower Upper
228 100
226 26.7 22.0 33.0
229 19.8 15.7 23.5

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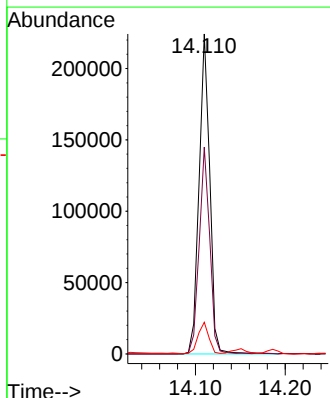
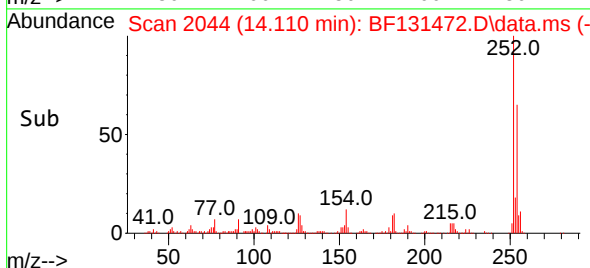
Reviewed By :Christian Giraldo 12/01/2022
Supervised By :Jagrut Upadhyay 12/01/2022

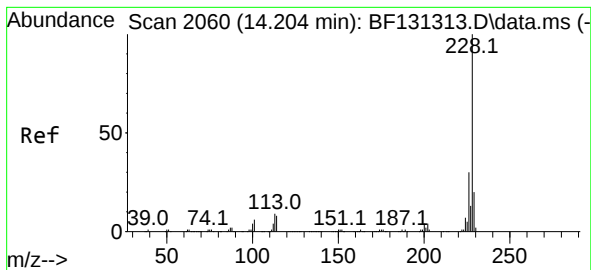


#82
3,3'-Dichlorobenzidine
Concen: 32.376 ng
RT: 14.110 min Scan# 2044
Delta R.T. 0.000 min
Lab File: BF131472.D
Acq: 30 Nov 2022 15:35



Tgt Ion:252 Resp: 185240
Ion Ratio Lower Upper
252 100
254 64.6 50.8 76.2
126 9.9 8.3 12.5





#83

Chrysene

Concen: 43.409 ng

RT: 14.186 min Scan# 2057

Delta R.T. 0.000 min

Lab File: BF131472.D

Acq: 30 Nov 2022 15:35

Instrument :

BNA_F

ClientSampleId :

B-40-SB02MS

Tgt Ion:228 Resp: 918278

Ion Ratio Lower Upper

228 100

226 30.0 23.7 35.5

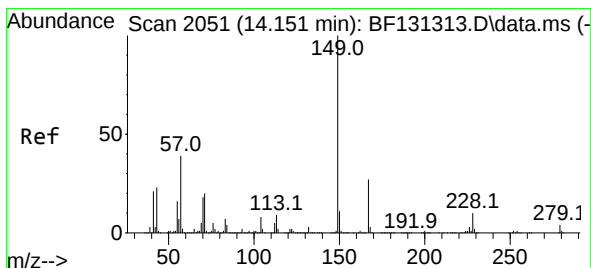
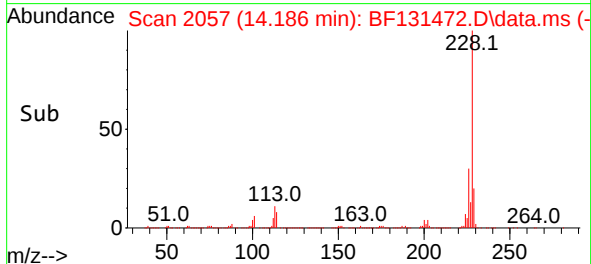
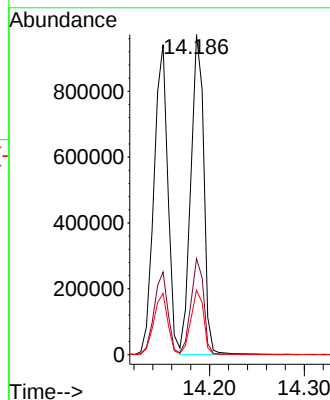
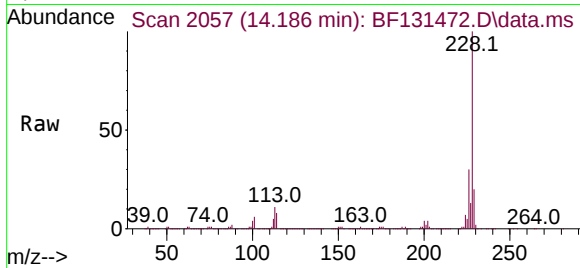
229 20.1 16.2 24.4

Manual Integrations

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Reviewed By :Christian Giraldo 12/01/2022

Supervised By :Jagrut Upadhyay 12/01/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.436 ng

RT: 14.127 min Scan# 2047

Delta R.T. 0.000 min

Lab File: BF131472.D

Acq: 30 Nov 2022 15:35

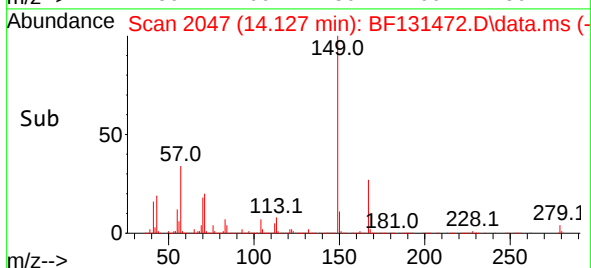
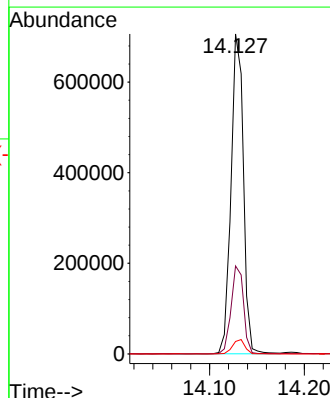
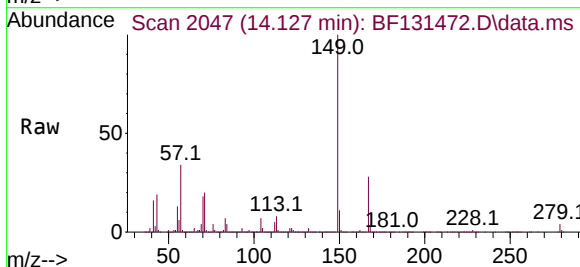
Tgt Ion:149 Resp: 640943

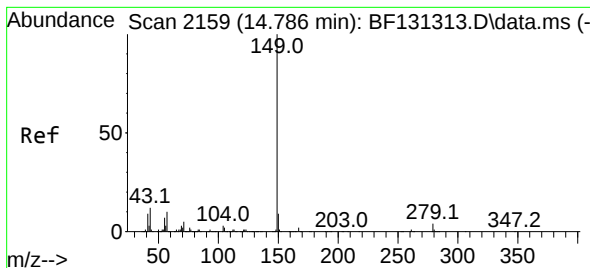
Ion Ratio Lower Upper

149 100

167 27.5 21.9 32.9

279 3.9 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 50.952 ng

RT: 14.757 min Scan# 2154

Delta R.T. 0.000 min

Lab File: BF131472.D

Acq: 30 Nov 2022 15:35

Instrument :

BNA_F

ClientSampleId :

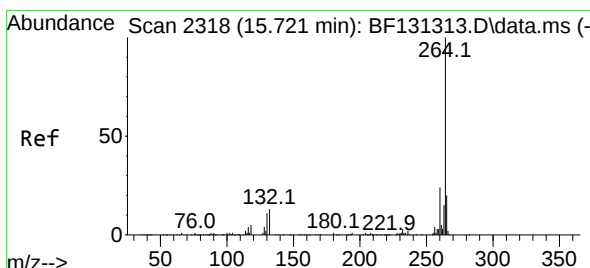
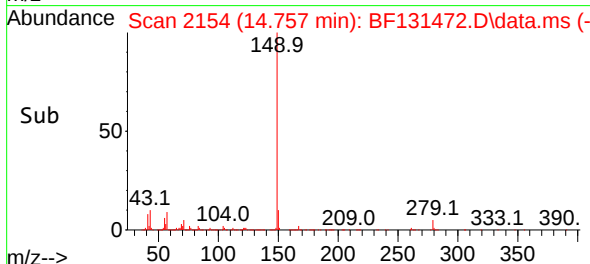
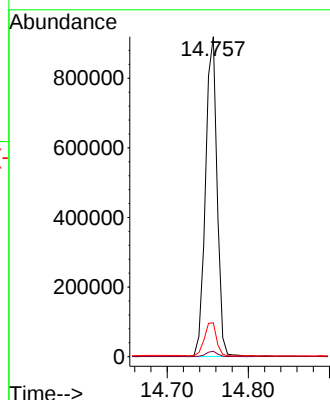
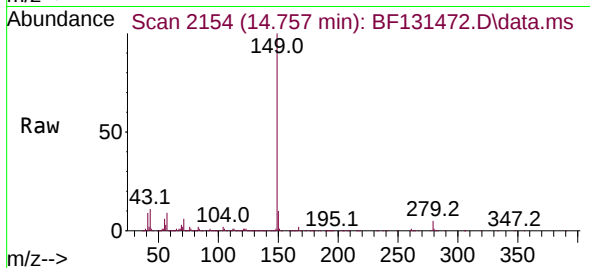
B-40-SB02MS

Tgt Ion:149 Resp: 914430
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 10.7 10.7 16.1

Manual Integrations

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 Supervised By :Jagrut Upadhyay 12/01/2022



#86

Perylene-d12

Concen: 20.000 ng

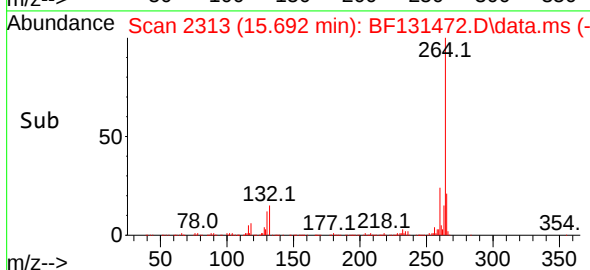
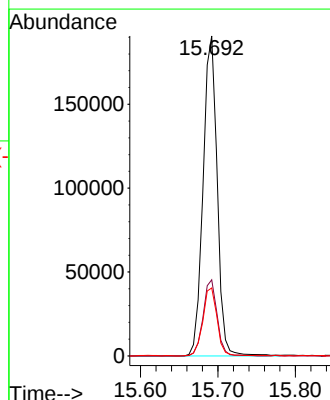
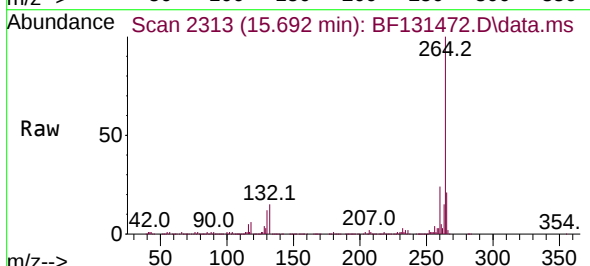
RT: 15.692 min Scan# 2313

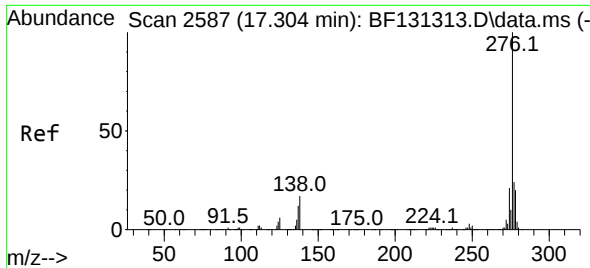
Delta R.T. 0.000 min

Lab File: BF131472.D

Acq: 30 Nov 2022 15:35

Tgt Ion:264 Resp: 241252
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.4
 265 21.2 16.4 24.6





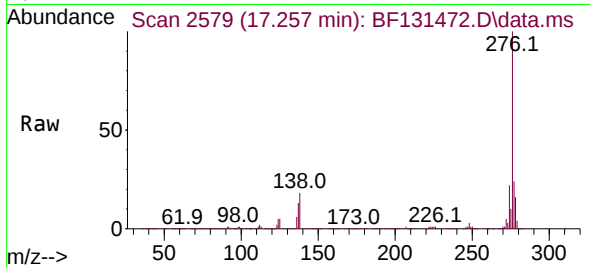
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 49.286 ng
 RT: 17.257 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF131472.D
 Acq: 30 Nov 2022 15:35

Instrument :

BNA_F

ClientSampleId :

B-40-SB02MS

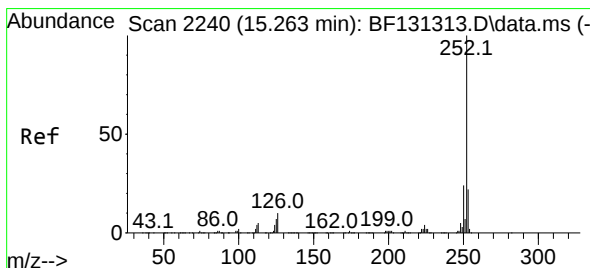
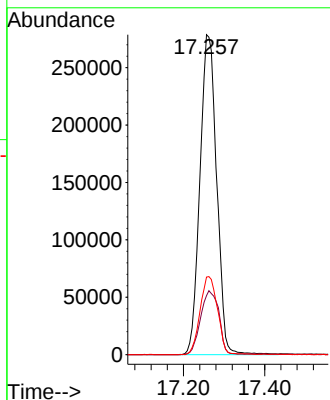
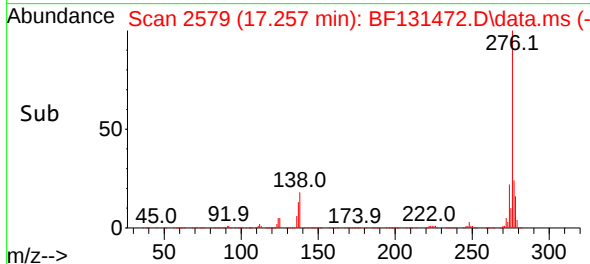


Tgt Ion:276 Resp: 798609
 Ion Ratio Lower Upper
 276 100
 138 21.8 15.8 23.6
 277 25.3 20.3 30.5

Manual Integrations

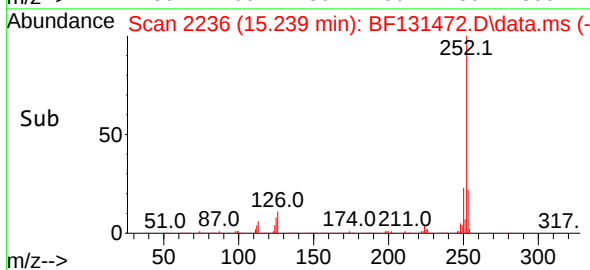
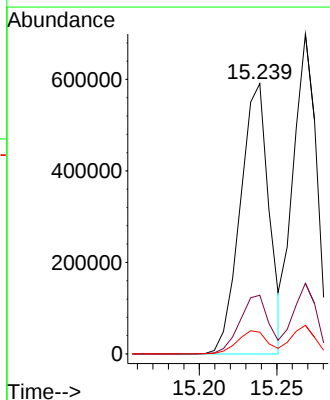
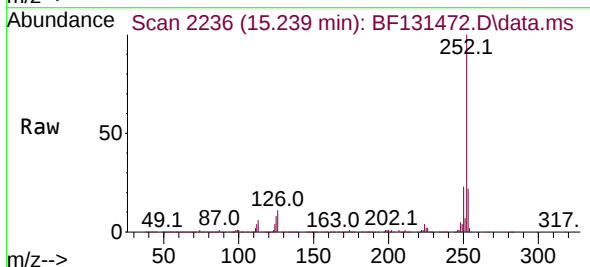
APPROVED

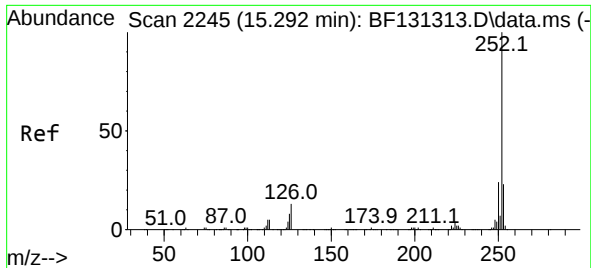
Reviewed By :Christian Giraldo 12/01/2022
 Supervised By :Jagrut Upadhyay 12/01/2022



#88
 Benzo(b)fluoranthene
 Concen: 47.821 ng
 RT: 15.239 min Scan# 2236
 Delta R.T. 0.006 min
 Lab File: BF131472.D
 Acq: 30 Nov 2022 15:35

Tgt Ion:252 Resp: 766418
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.5 26.3
 125 8.0 5.8 8.6





#89
Benzo(k)fluoranthene
Concen: 45.769 ng
RT: 15.268 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF131472.D
Acq: 30 Nov 2022 15:35

Instrument :

BNA_F

ClientSampleId :

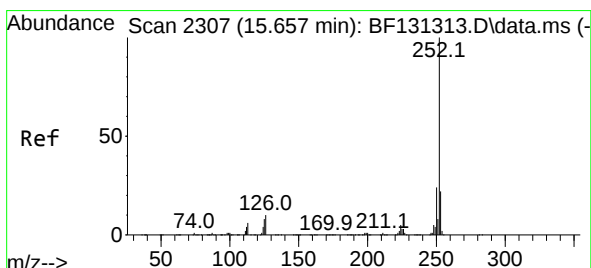
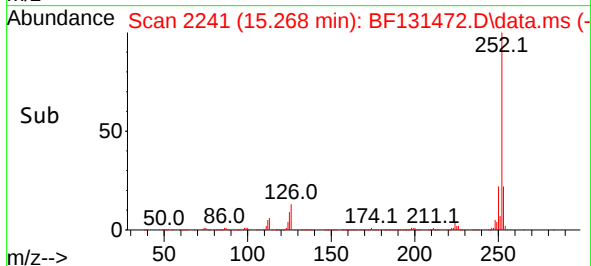
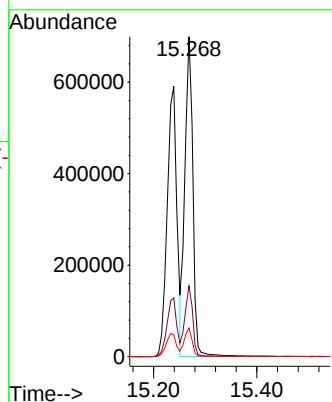
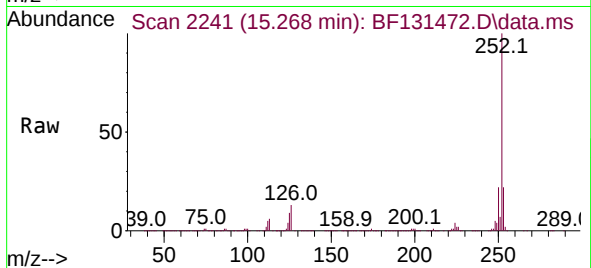
B-40-SB02MS

Tgt Ion:252 Resp: 753823
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 8.9 6.6 10.0

Manual Integrations

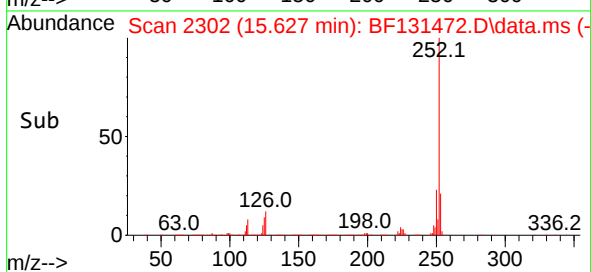
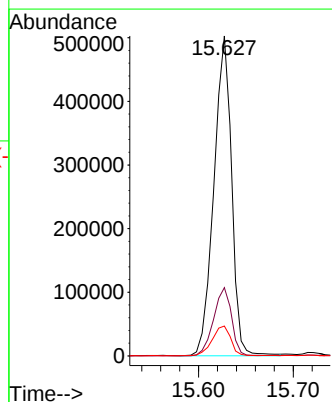
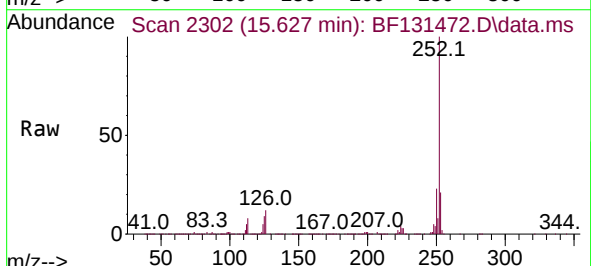
APPROVED

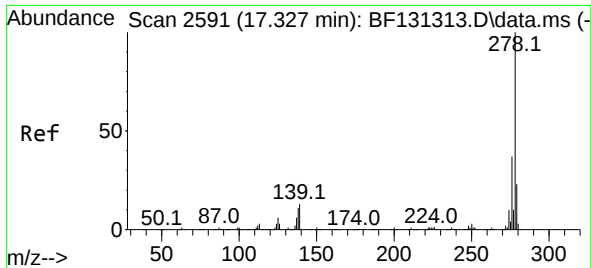
Reviewed By :Christian Giraldo 12/01/2022
Supervised By :Jagrut Upadhyay 12/01/2022



#90
Benzo(a)pyrene
Concen: 49.671 ng
RT: 15.627 min Scan# 2302
Delta R.T. 0.000 min
Lab File: BF131472.D
Acq: 30 Nov 2022 15:35

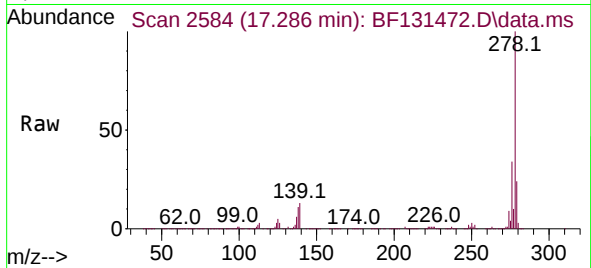
Tgt Ion:252 Resp: 653198
Ion Ratio Lower Upper
252 100
253 21.3 17.5 26.3
125 9.3 6.1 9.1#





#91
Dibenzo(a,h)anthracene
Concen: 50.069 ng
RT: 17.286 min Scan# 2591
Delta R.T. 0.006 min
Lab File: BF131472.D
Acq: 30 Nov 2022 15:35

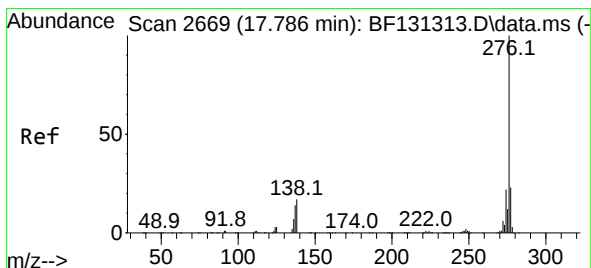
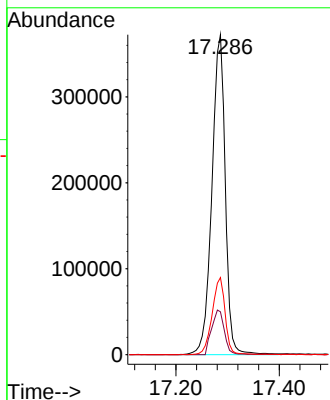
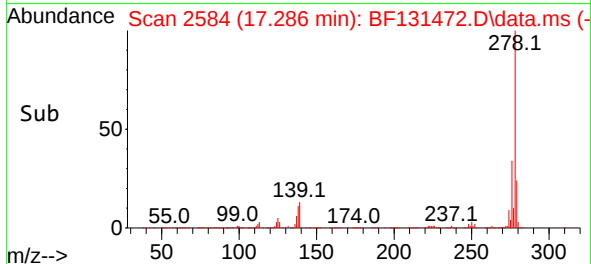
Instrument :
BNA_F
ClientSampleId :
B-40-SB02MS



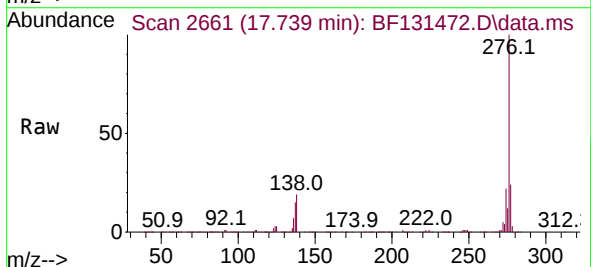
Tgt Ion:278 Resp: 669812
Ion Ratio Lower Upper
278 100
139 13.4 10.4 15.6
279 24.1 18.3 27.5

Manual Integrations
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Reviewed By :Christian Giraldo 12/01/2022
Supervised By :Jagrut Upadhyay 12/01/2022



#92
Benzo(g,h,i)perylene
Concen: 51.449 ng
RT: 17.739 min Scan# 2661
Delta R.T. 0.000 min
Lab File: BF131472.D
Acq: 30 Nov 2022 15:35



Tgt Ion:276 Resp: 686940
Ion Ratio Lower Upper
276 100
277 23.5 18.3 27.5
138 18.9 13.8 20.6

