

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121922\
 Data File : BF131698.D
 Acq On : 19 Dec 2022 20:09
 Operator : CG\JU
 Sample : N6065-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-23MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/20/2022
 Supervised By : Jagrut Upadhyay 12/20/2022

Quant Time: Dec 20 08:03:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 20 00:23:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	74292	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	265003	20.000	ng	# 0.00
39) Acenaphthene-d10	9.928	164	145327	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	245630	20.000	ng	0.00
76) Chrysene-d12	14.074	240	141771	20.000	ng	# 0.00
86) Perylene-d12	15.574	264	170137	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	532504	119.578	ng	0.01
7) Phenol-d6	6.510	99	683153	117.067	ng	0.00
23) Nitrobenzene-d5	7.445	82	470625	67.142	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	174127	107.843	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	792640	68.770	ng	0.00
79) Terphenyl-d14	13.010	244	637960	61.712	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.681	88	89605	44.578	ng	97
3) Pyridine	3.428	79	246563	44.182	ng	96
4) n-Nitrosodimethylamine	3.399	42	125099	40.646	ng	# 87
6) Aniline	6.540	93	214599	30.749	ng	98
8) 2-Chlorophenol	6.657	128	224458	47.562	ng	96
9) Benzaldehyde	6.428	77	187972	47.020	ng	97
10) Phenol	6.522	94	314020m	48.242	ng	
11) bis(2-Chloroethyl)ether	6.610	93	235655	48.297	ng	99
12) 1,3-Dichlorobenzene	6.816	146	249268	45.558	ng	96
13) 1,4-Dichlorobenzene	6.893	146	249592	45.225	ng	99
14) 1,2-Dichlorobenzene	7.045	146	240067	45.536	ng	96
15) Benzyl Alcohol	7.022	79	244335	45.671	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.151	45	298551	47.368	ng	98
17) 2-Methylphenol	7.134	107	200984	47.256	ng	96
18) Hexachloroethane	7.387	117	99685	44.776	ng	92
19) n-Nitroso-di-n-propyla...	7.292	70	190847	43.615	ng	95
20) 3+4-Methylphenols	7.287	107	255395	44.087	ng	# 80
22) Acetophenone	7.287	105	362606	43.664	ng	95
24) Nitrobenzene	7.463	77	297479	42.079	ng	95
25) Isophorone	7.704	82	527072	46.683	ng	99
26) 2-Nitrophenol	7.781	139	120197	49.857	ng	91
27) 2,4-Dimethylphenol	7.816	122	202227	54.727	ng	95
28) bis(2-Chloroethoxy)met...	7.916	93	293836	50.309	ng	98
29) 2,4-Dichlorophenol	8.022	162	199745	43.717	ng	96
30) 1,2,4-Trichlorobenzene	8.104	180	238237	42.518	ng	97
31) Naphthalene	8.187	128	640805	42.933	ng	99
32) Benzoic acid	7.939	122	108763	40.641	ng	97
33) 4-Chloroaniline	8.234	127	65627	11.730	ng	99
34) Hexachlorobutadiene	8.298	225	156839	39.716	ng	99
35) Caprolactam	8.616	113	57132m	48.338	ng	
36) 4-Chloro-3-methylphenol	8.728	107	225078	43.870	ng	98
37) 2-Methylnaphthalene	8.881	142	430125	42.138	ng	97
38) 1-Methylnaphthalene	8.981	142	402807	41.107	ng	98
40) 1,2,4,5-Tetrachloroben...	9.045	216	250222	46.512	ng	99
41) Hexachlorocyclopentadiene	9.034	237	236545	86.628	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	152489	45.827	ng	99

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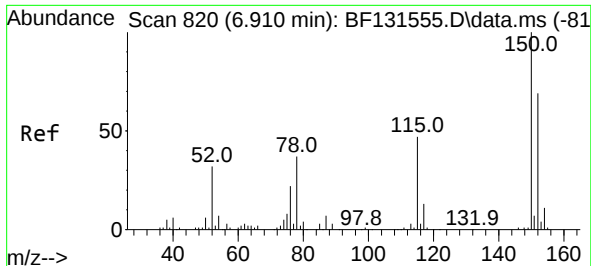
Quant Time: Dec 20 08:03:43 2022
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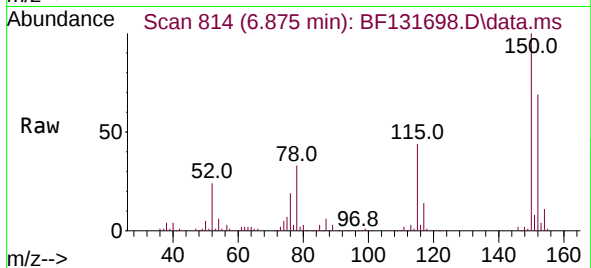
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	157134	43.910	ng	98
46) 1,1'-Biphenyl	9.351	154	544093	47.352	ng	98
47) 2-Chloronaphthalene	9.375	162	432331	46.181	ng	99
48) 2-Nitroaniline	9.475	65	148214	44.693	ng	89
49) Acenaphthylene	9.792	152	630452	45.865	ng	99
50) Dimethylphthalate	9.651	163	512629	46.272	ng	99
51) 2,6-Dinitrotoluene	9.716	165	107903	47.179	ng	# 85
52) Acenaphthene	9.963	154	421525m	45.776	ng	
53) 3-Nitroaniline	9.886	138	53406	24.337	ng	93
54) 2,4-Dinitrophenol	9.992	184	66094	51.993	ng	97
55) Dibenzofuran	10.133	168	583680	44.860	ng	99
56) 4-Nitrophenol	10.051	139	133644	87.669	ng	# 79
57) 2,4-Dinitrotoluene	10.122	165	144831	47.737	ng	92
58) Fluorene	10.481	166	453623	42.886	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	124823m	41.191	ng	
60) Diethylphthalate	10.351	149	475704	44.745	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	248514	42.515	ng	98
62) 4-Nitroaniline	10.504	138	89739	41.268	ng	# 84
63) Azobenzene	10.633	77	520722	42.944	ng	95
65) 4,6-Dinitro-2-methylph...	10.528	198	55797	35.865	ng	89
66) n-Nitrosodiphenylamine	10.592	169	383237	48.260	ng	99
67) 4-Bromophenyl-phenylether	10.963	248	146705	46.428	ng	99
68) Hexachlorobenzene	11.028	284	156078	45.665	ng	99
69) Atrazine	11.122	200	134688	53.411	ng	96
70) Pentachlorophenol	11.222	266	137428	78.103	ng	99
71) Phenanthrene	11.445	178	602930	44.038	ng	99
72) Anthracene	11.498	178	607175	45.583	ng	100
73) Carbazole	11.657	167	486729	44.767	ng	99
74) Di-n-butylphthalate	11.980	149	622349	46.658	ng	99
75) Fluoranthene	12.639	202	555520	39.404	ng	99
77) Benzidine	12.763	184	238489	62.784	ng	99
78) Pyrene	12.869	202	546716	39.109	ng	99
80) Butylbenzylphthalate	13.492	149	197537	48.828	ng	93
81) Benzo(a)anthracene	14.063	228	469990	45.906	ng	99
82) 3,3'-Dichlorobenzidine	14.027	252	72476	24.881	ng	96
83) Chrysene	14.104	228	452372	46.476	ng	98
84) Bis(2-ethylhexyl)phtha...	14.045	149	260063	47.238	ng	99
85) Di-n-octyl phthalate	14.668	149	451044	49.733	ng	99
87) Indeno(1,2,3-cd)pyrene	17.098	276	554238	39.916	ng	98
88) Benzo(b)fluoranthene	15.133	252	530397	47.300	ng	99
89) Benzo(k)fluoranthene	15.163	252	466847	39.887	ng	# 98
90) Benzo(a)pyrene	15.510	252	450559	47.082	ng	99
91) Dibenzo(a,h)anthracene	17.115	278	462051	40.433	ng	100
92) Benzo(g,h,i)perylene	17.557	276	445762	38.812	ng	98

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF131698.D
 Acq: 19 Dec 2022 20:09

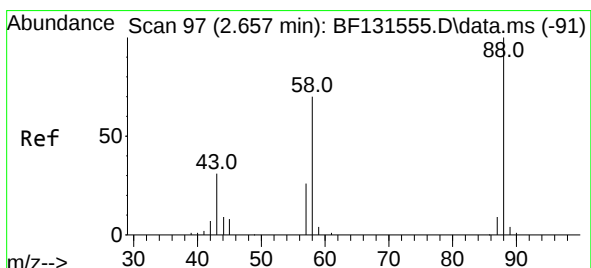
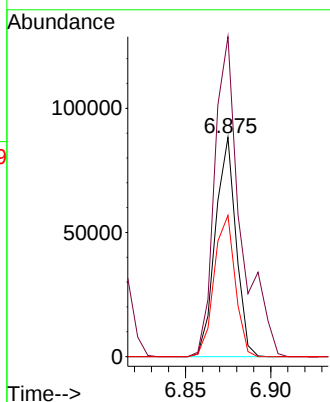
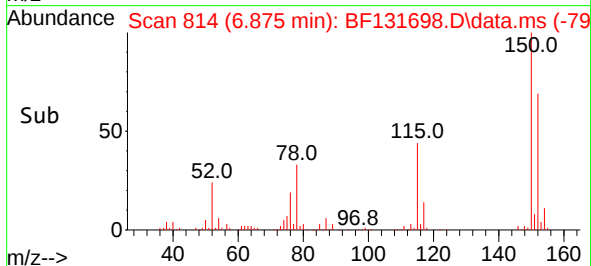
Instrument :
 BNA_F
 ClientSampleId :
 MH-23MS



Tgt Ion:152 Resp: 74292
 Ion Ratio Lower Upper
 152 100
 150 145.9 116.7 175.1
 115 64.4 54.6 82.0

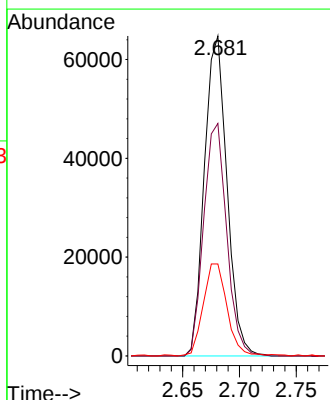
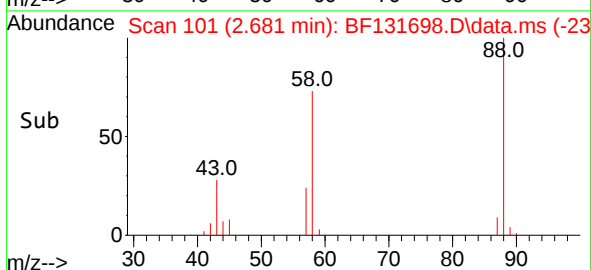
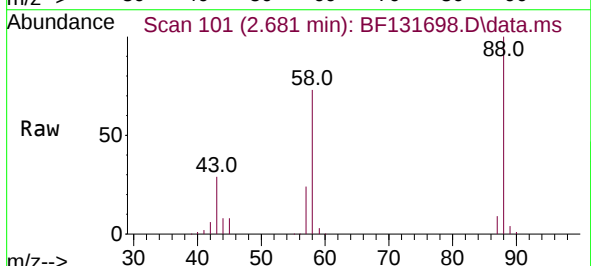
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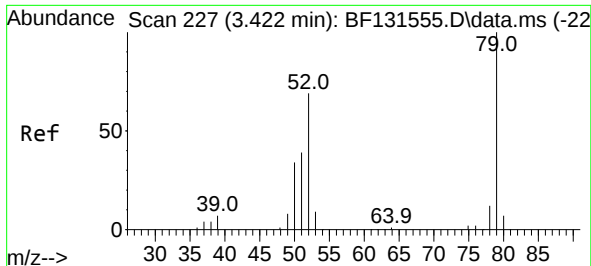
Reviewed By :Christian Giraldo 12/20/2022
 Supervised By :Jagrut Upadhyay 12/20/2022



#2
 1,4-Dioxane
 Concen: 44.578 ng
 RT: 2.681 min Scan# 101
 Delta R.T. 0.106 min
 Lab File: BF131698.D
 Acq: 19 Dec 2022 20:09

Tgt Ion: 88 Resp: 89605
 Ion Ratio Lower Upper
 88 100
 58 73.7 60.0 90.0
 43 30.5 26.7 40.1





#3

Pyridine

Concen: 44.182 ng

RT: 3.428 min Scan# 21

Delta R.T. 0.094 min

Lab File: BF131698.D

Acq: 19 Dec 2022 20:09

Instrument :

BNA_F

ClientSampleId :

MH-23MS

Tgt Ion: 79 Resp: 246563

Ion Ratio Lower Upper

79 100

52 66.6 55.0 82.6

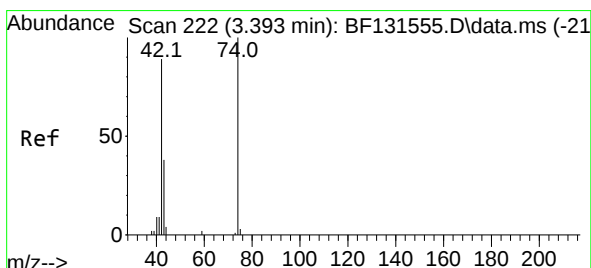
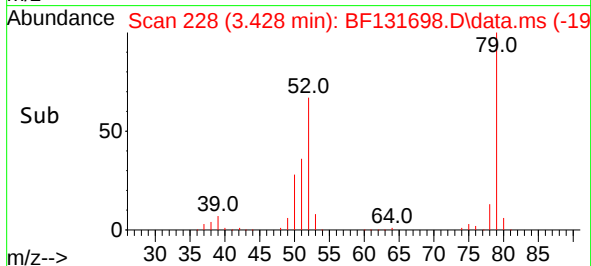
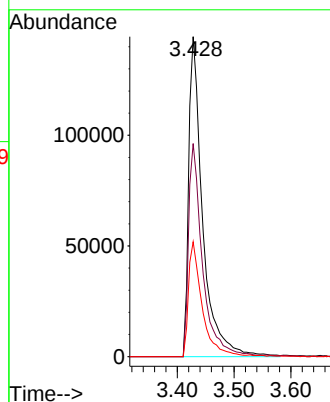
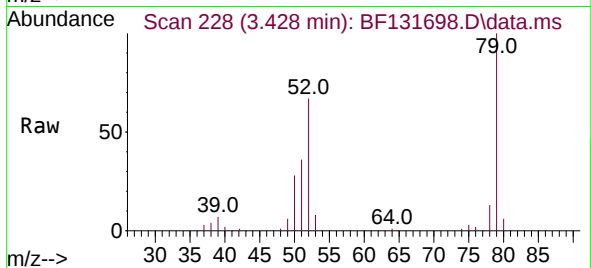
51 35.9 31.4 47.2

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#4

n-Nitrosodimethylamine

Concen: 40.646 ng

RT: 3.399 min Scan# 223

Delta R.T. 0.100 min

Lab File: BF131698.D

Acq: 19 Dec 2022 20:09

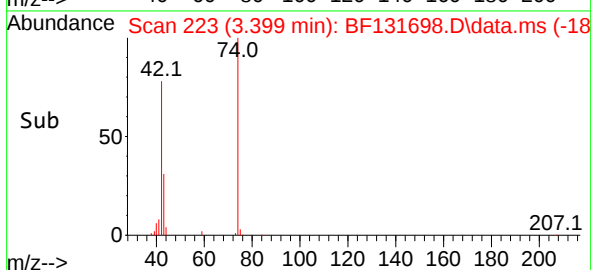
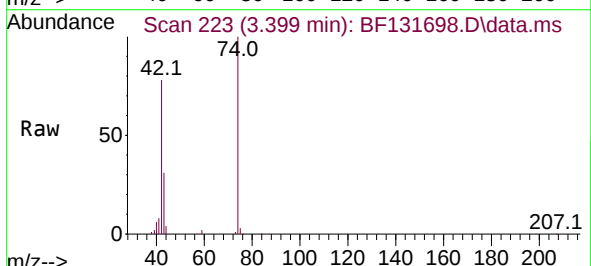
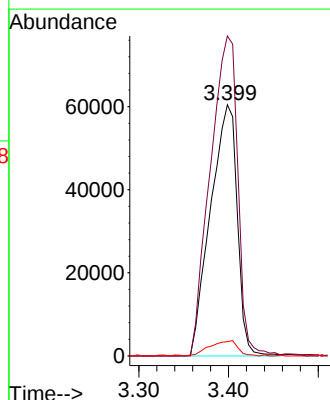
Tgt Ion: 42 Resp: 125099

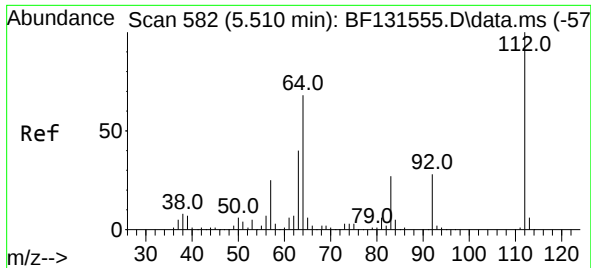
Ion Ratio Lower Upper

42 100

74 127.4 90.2 135.2

44 5.7 3.7 5.5#





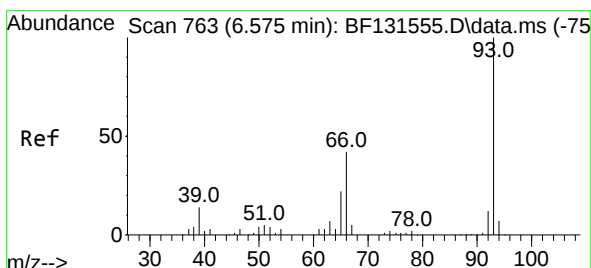
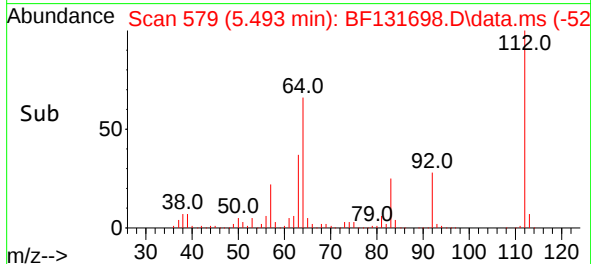
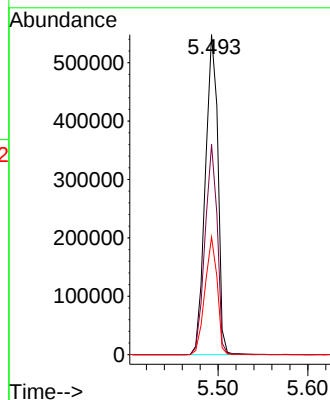
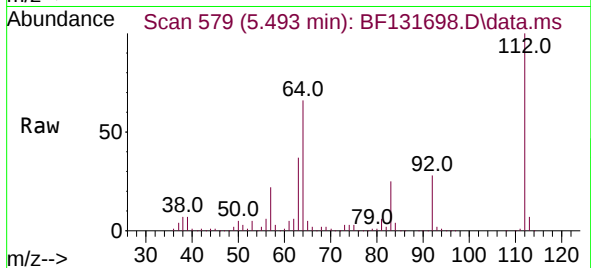
#5
2-Fluorophenol
Concen: 119.578 ng
RT: 5.493 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF131698.D
Acq: 19 Dec 2022 20:09

Instrument :
BNA_F
ClientSampleId :
MH-23MS

Tgt Ion:112 Resp: 532504
Ion Ratio Lower Upper
112 100
64 65.7 54.5 81.7
63 36.7 31.9 47.9

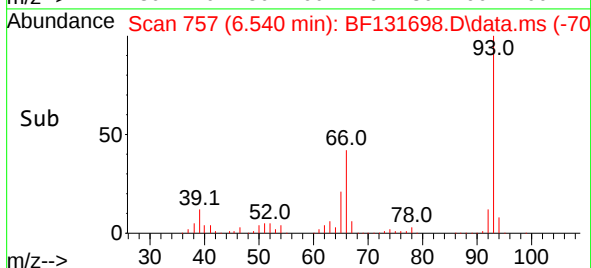
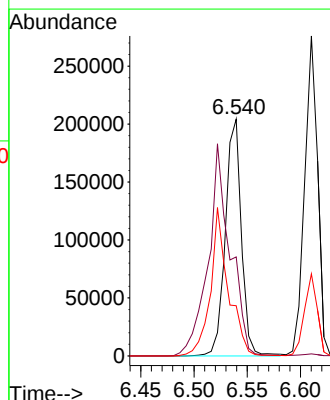
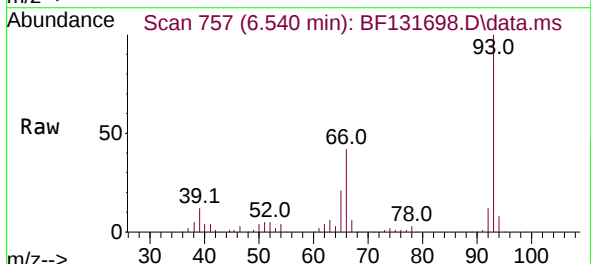
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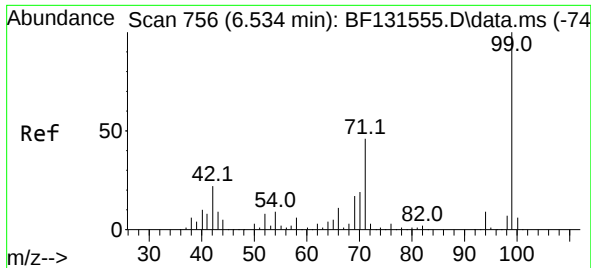
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022



#6
Aniline
Concen: 30.749 ng
RT: 6.540 min Scan# 757
Delta R.T. 0.000 min
Lab File: BF131698.D
Acq: 19 Dec 2022 20:09

Tgt Ion: 93 Resp: 214599
Ion Ratio Lower Upper
93 100
66 41.8 34.6 51.8
65 21.2 17.7 26.5





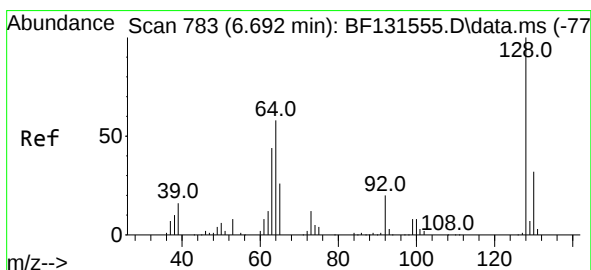
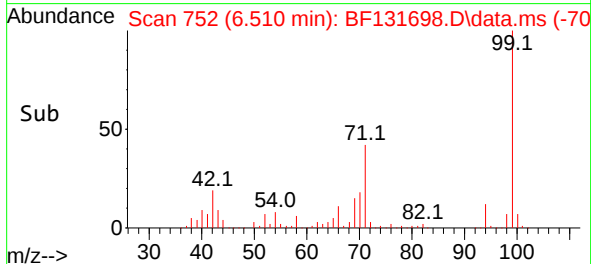
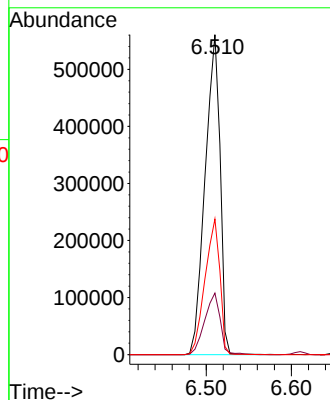
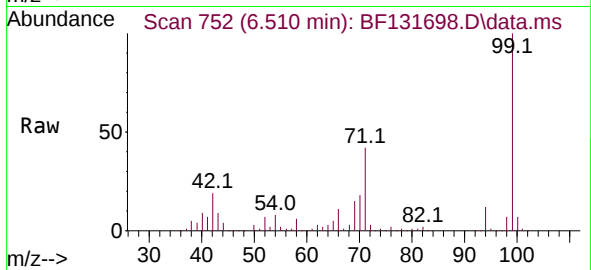
#7
Phenol-d6
Concen: 117.067 ng
RT: 6.510 min Scan# 756
Delta R.T. 0.006 min
Lab File: BF131698.D
Acq: 19 Dec 2022 20:09

Instrument :
BNA_F
ClientSampleId :
MH-23MS

Tgt Ion: 99 Resp: 683153
Ion Ratio Lower Upper
99 100
42 19.2 17.9 26.9
71 42.4 37.2 55.8

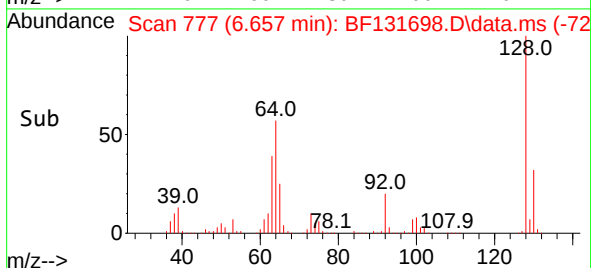
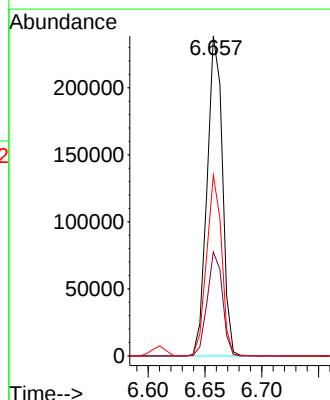
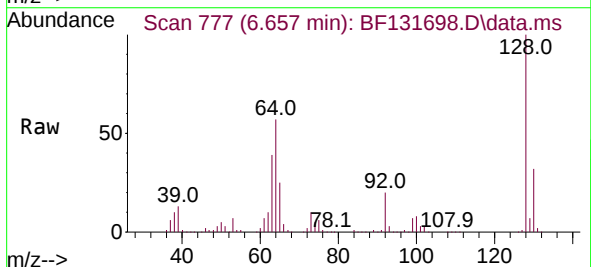
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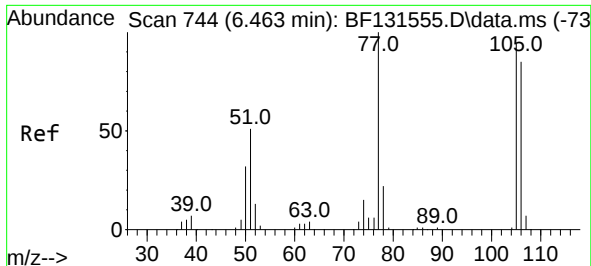
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022



#8
2-Chlorophenol
Concen: 47.562 ng
RT: 6.657 min Scan# 777
Delta R.T. -0.006 min
Lab File: BF131698.D
Acq: 19 Dec 2022 20:09

Tgt Ion:128 Resp: 224458
Ion Ratio Lower Upper
128 100
130 32.5 11.6 51.6
64 56.5 40.6 80.6





#9

Benzaldehyde

Concen: 47.020 ng

RT: 6.428 min Scan# 738

Delta R.T. 0.000 min

Lab File: BF131698.D

Acq: 19 Dec 2022 20:09

Instrument :

BNA_F

ClientSampleId :

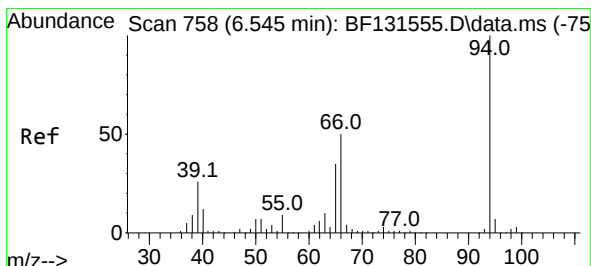
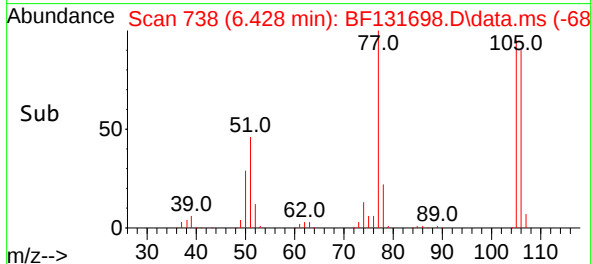
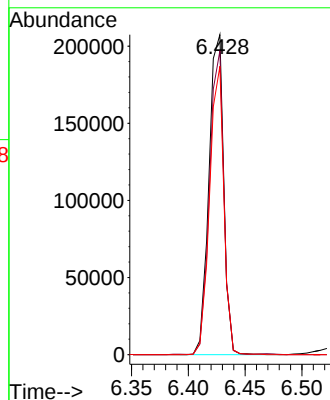
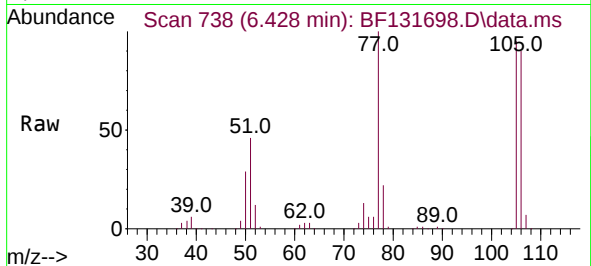
MH-23MS

Tgt Ion: 77	Resp: 187972
Ion Ratio	Lower Upper
77 100	
105 94.9	73.8 113.8
106 90.1	65.2 105.2

Manual Integrations

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#10

Phenol

Concen: 48.242 ng m

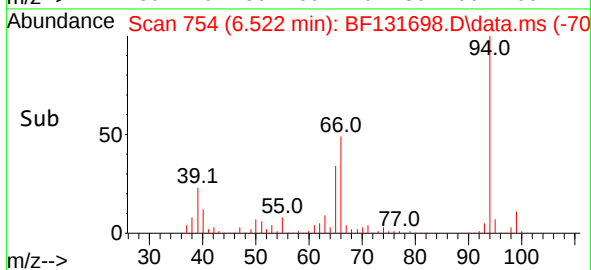
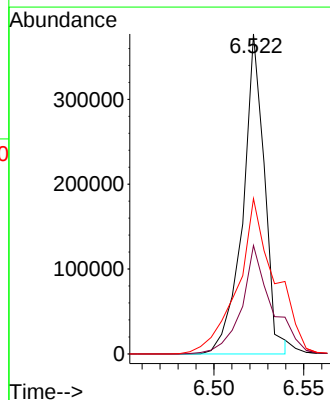
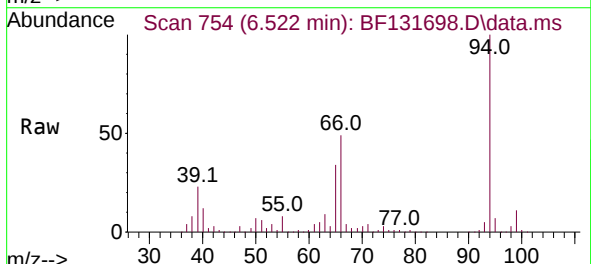
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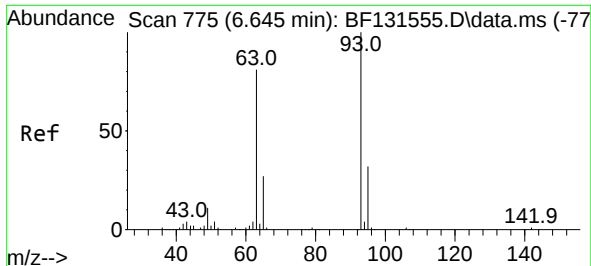
Delta R.T. 0.000 min

Lab File: BF131698.D

Acq: 19 Dec 2022 20:09

Tgt Ion: 94	Resp: 314020
Ion Ratio	Lower Upper
94 100	
65 33.9	14.8 54.8
66 48.5	30.8 70.8





#11

bis(2-Chloroethyl)ether

Concen: 48.297 ng

RT: 6.610 min Scan# 70

Delta R.T. 0.000 min

Lab File: BF131698.D

Acq: 19 Dec 2022 20:09

Instrument :

BNA_F

ClientSampleId :

MH-23MS

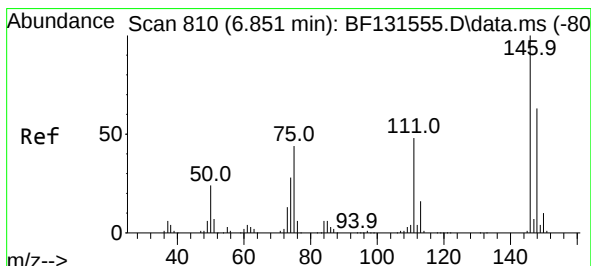
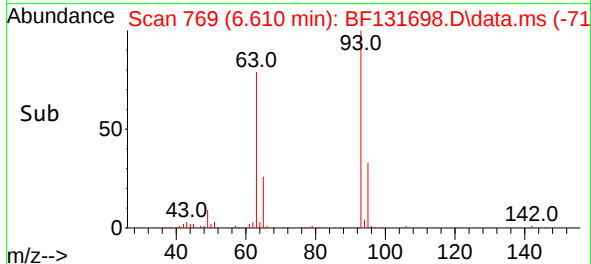
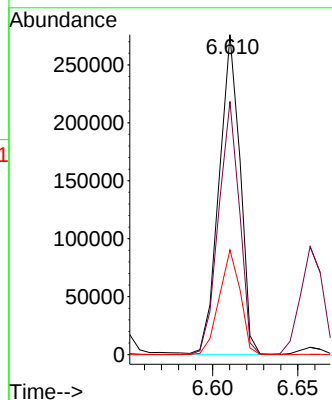
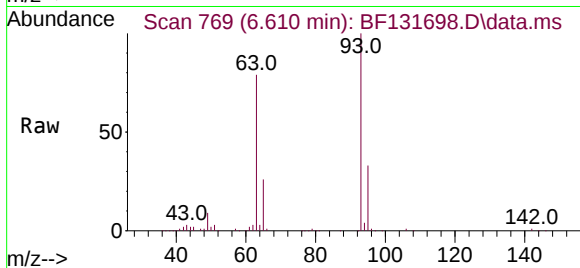
Tgt Ion: 93 Resp: 23565

Ion	Ratio	Lower	Upper
93	100		
63	79.1	60.4	100.4
95	32.7	12.3	52.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022



#12

1,3-Dichlorobenzene

Concen: 45.558 ng

RT: 6.816 min Scan# 804

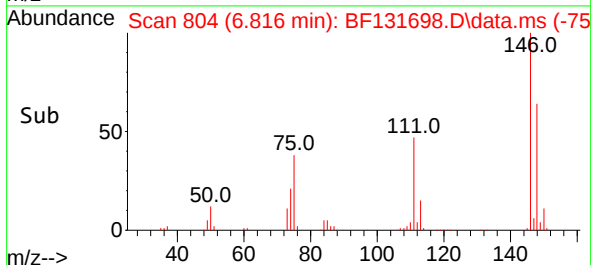
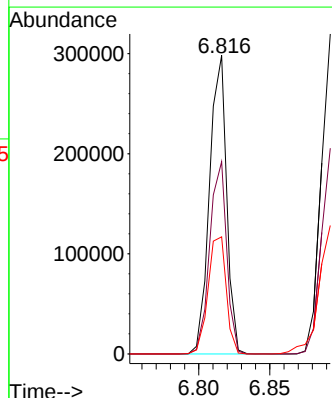
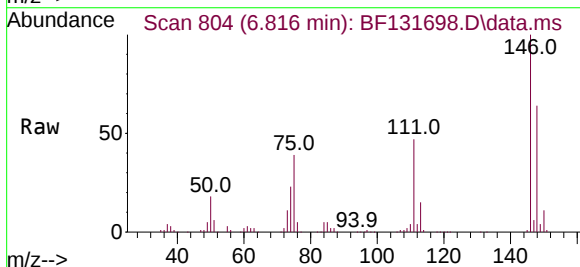
Delta R.T. 0.000 min

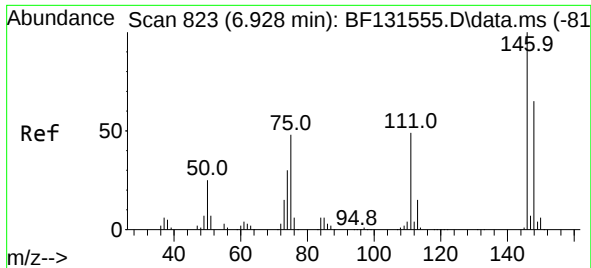
Lab File: BF131698.D

Acq: 19 Dec 2022 20:09

Tgt Ion:146 Resp: 249268

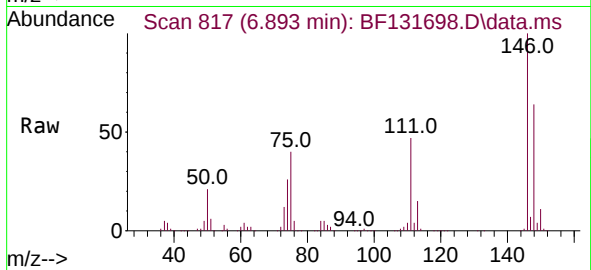
Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.7	76.1
75	39.2	35.1	52.7





#13
1,4-Dichlorobenzene
Concen: 45.225 ng
RT: 6.893 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF131698.D
Acq: 19 Dec 2022 20:09

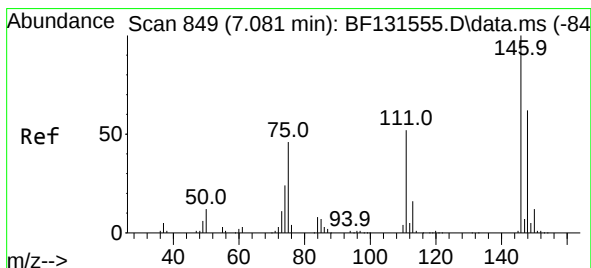
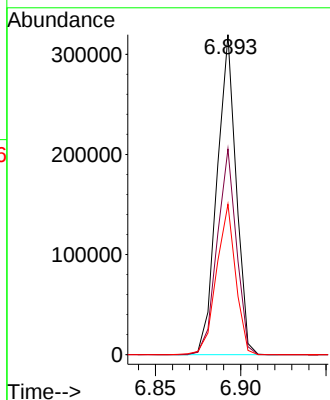
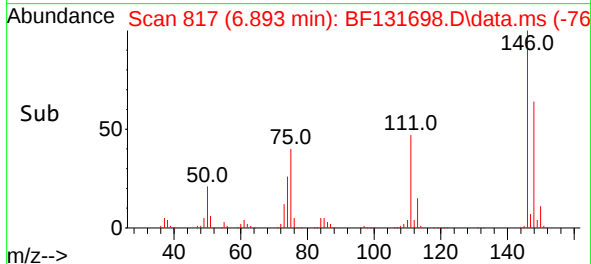
Instrument :
BNA_F
ClientSampleId :
MH-23MS



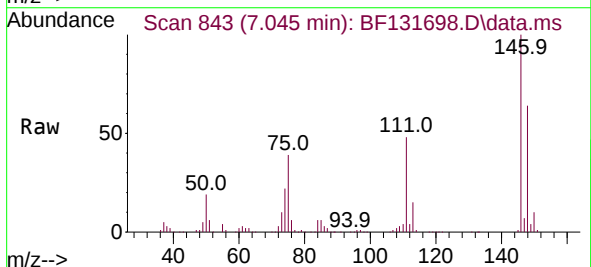
Tgt Ion:146 Resp: 249592
Ion Ratio Lower Upper
146 100
148 64.3 51.8 77.6
111 47.0 38.9 58.3

Manual Integrations
APPROVED

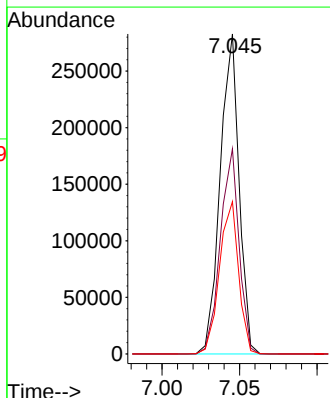
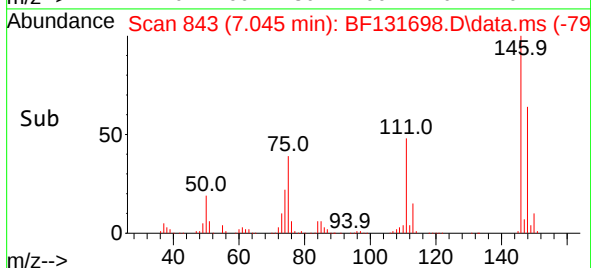
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022

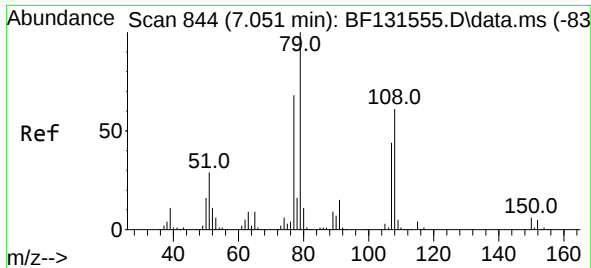


#14
1,2-Dichlorobenzene
Concen: 45.536 ng
RT: 7.045 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF131698.D
Acq: 19 Dec 2022 20:09



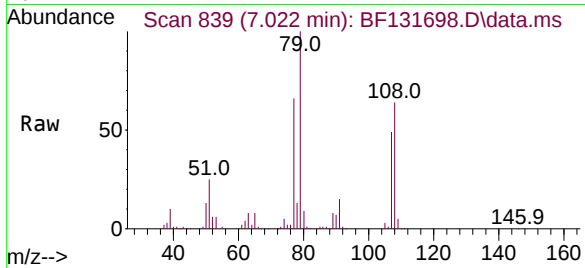
Tgt Ion:146 Resp: 240067
Ion Ratio Lower Upper
146 100
148 64.1 49.9 74.9
111 47.6 41.8 62.6





#15
Benzyl Alcohol
Concen: 45.671 ng
RT: 7.022 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF131698.D
Acq: 19 Dec 2022 20:09

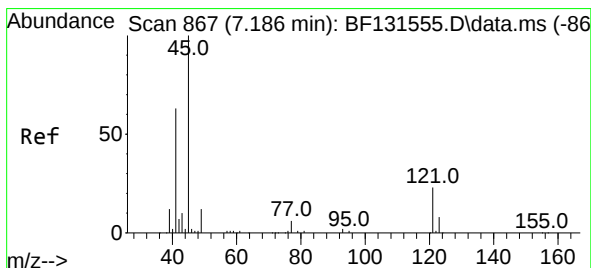
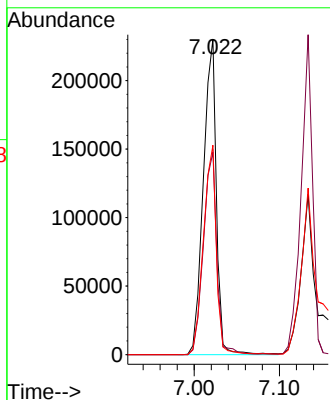
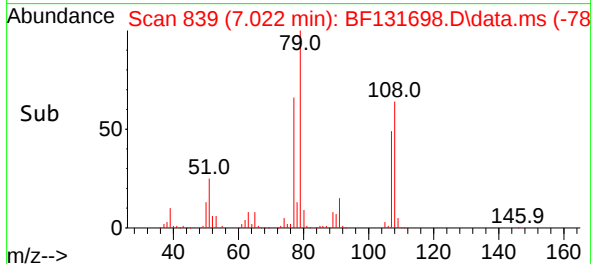
Instrument :
BNA_F
ClientSampleId :
MH-23MS



Tgt Ion: 79 Resp: 244335
Ion Ratio Lower Upper
79 100
108 64.1 49.2 73.8
77 66.4 54.5 81.7

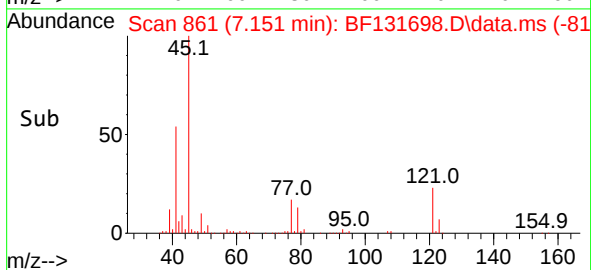
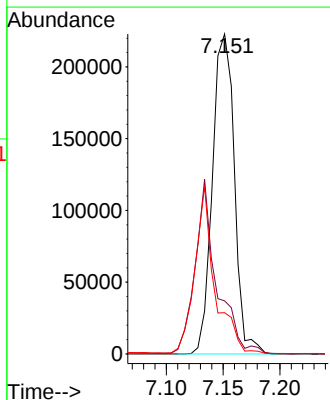
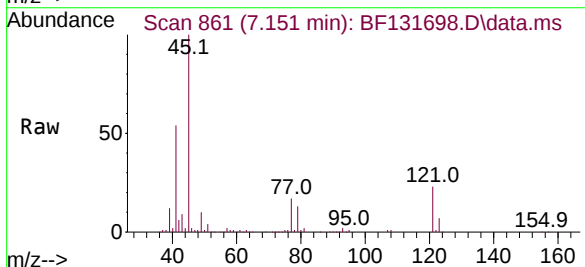
Manual Integrations
APPROVED

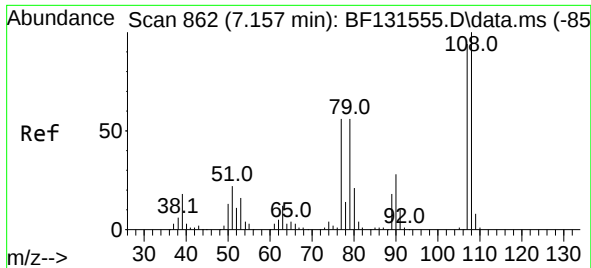
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.368 ng
RT: 7.151 min Scan# 861
Delta R.T. 0.000 min
Lab File: BF131698.D
Acq: 19 Dec 2022 20:09

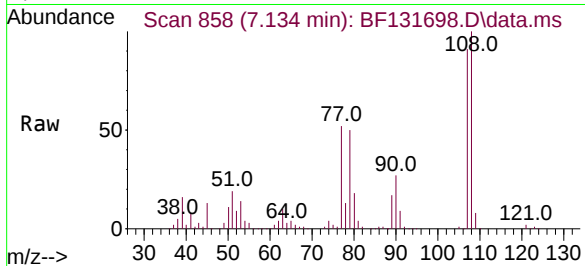
Tgt Ion: 45 Resp: 298551
Ion Ratio Lower Upper
45 100
77 16.6 0.0 37.7
79 12.9 0.0 33.6





#17
2-Methylphenol
Concen: 47.256 ng
RT: 7.134 min Scan# 801
Delta R.T. 0.006 min
Lab File: BF131698.D
Acq: 19 Dec 2022 20:09

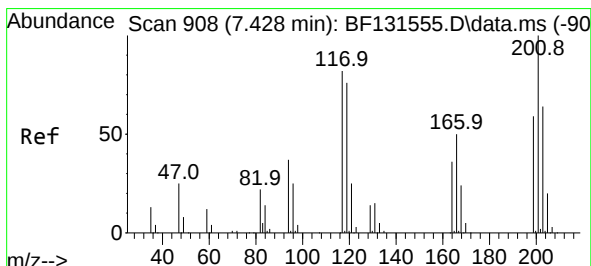
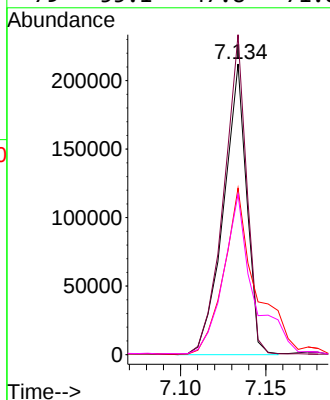
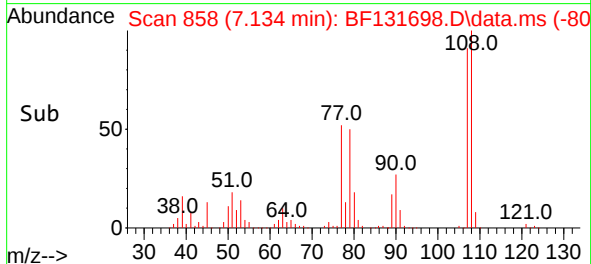
Instrument :
BNA_F
ClientSampleId :
MH-23MS



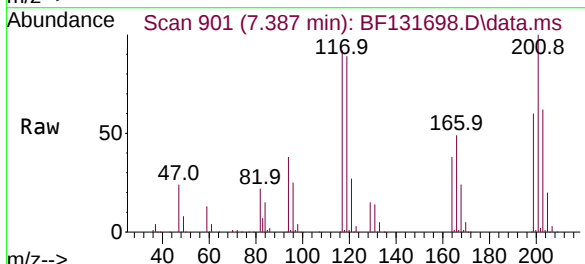
Tgt Ion:107 Resp: 200984
Ion Ratio Lower Upper
107 100
108 110.1 85.5 128.3
77 57.3 48.2 72.4
79 55.1 47.8 71.8

Manual Integrations
APPROVED

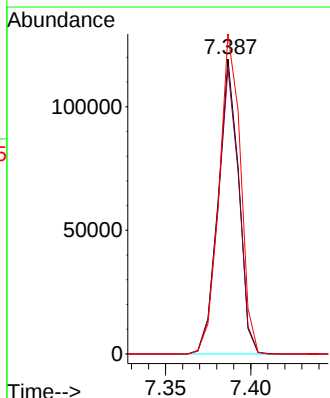
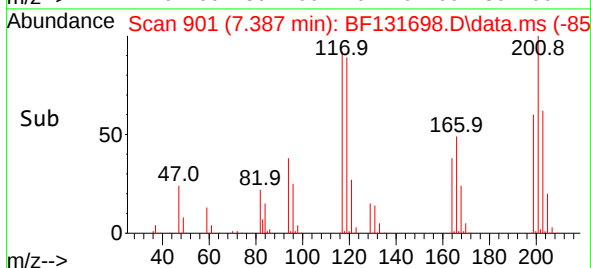
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022

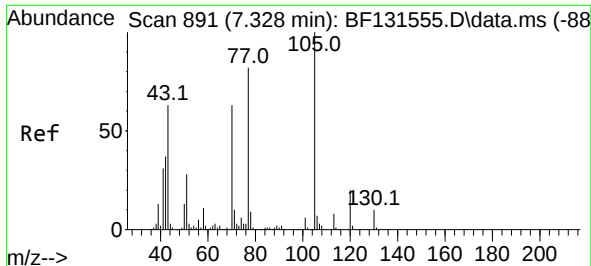


#18
Hexachloroethane
Concen: 44.776 ng
RT: 7.387 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF131698.D
Acq: 19 Dec 2022 20:09



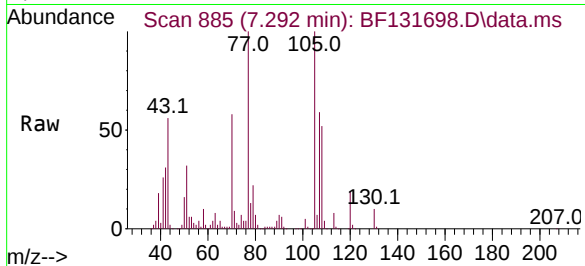
Tgt Ion:117 Resp: 99685
Ion Ratio Lower Upper
117 100
119 97.0 75.0 112.4
201 108.6 98.0 147.0





#19
n-Nitroso-di-n-propylamine
Concen: 43.615 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF131698.D
Acq: 19 Dec 2022 20:09

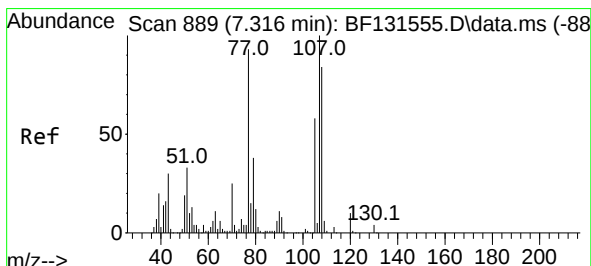
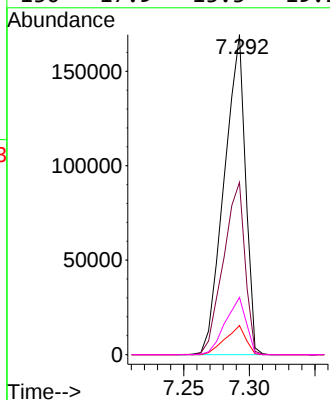
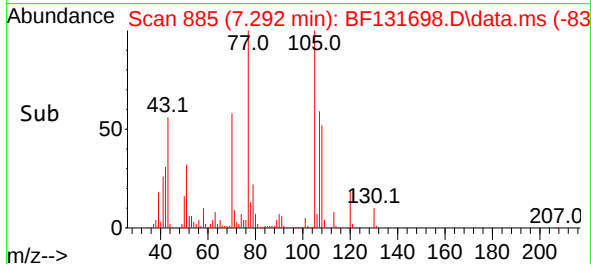
Instrument :
BNA_F
ClientSampleId :
MH-23MS



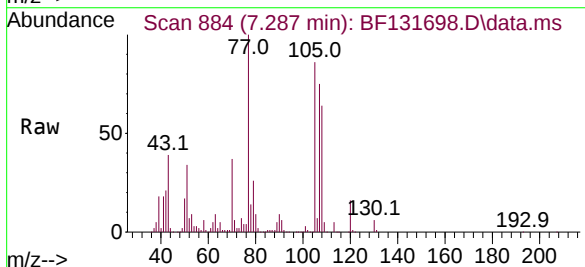
Tgt Ion: 70 Resp: 190847
Ion Ratio Lower Upper
70 100
42 53.8 46.4 69.6
101 9.1 7.2 10.8
130 17.9 13.3 19.9

Manual Integrations
APPROVED

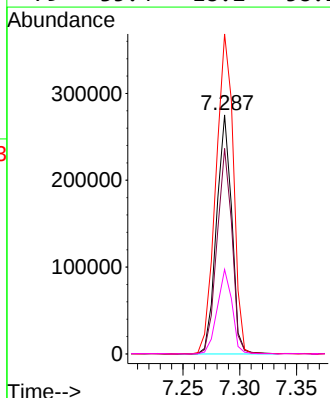
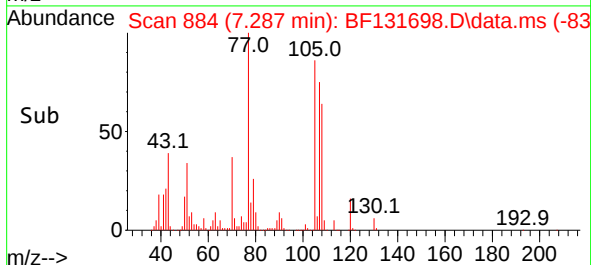
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022

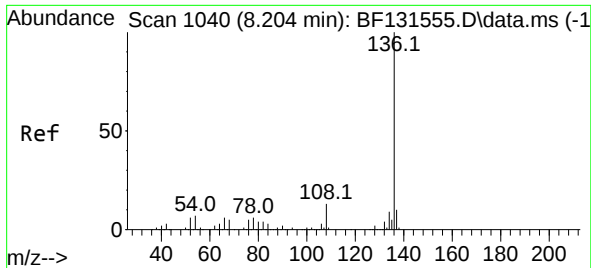


#20
3+4-Methylphenols
Concen: 44.087 ng
RT: 7.287 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF131698.D
Acq: 19 Dec 2022 20:09



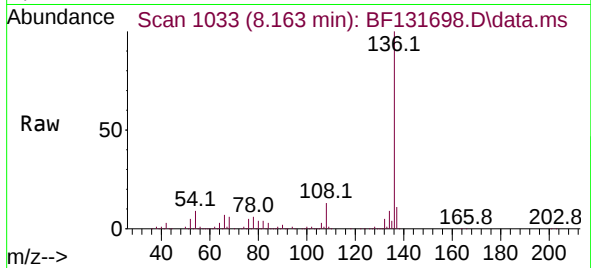
Tgt Ion:107 Resp: 255395
Ion Ratio Lower Upper
107 100
108 85.9 64.0 104.0
77 133.9 73.1 113.1#
79 35.4 18.2 58.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF131698.D
Acq: 19 Dec 2022 20:09

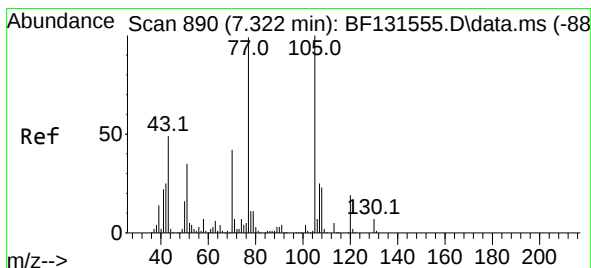
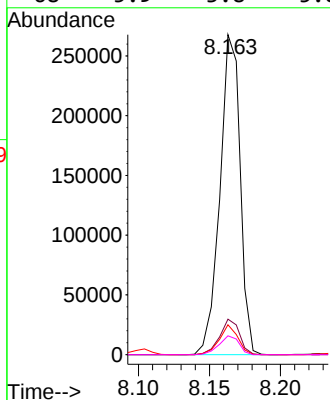
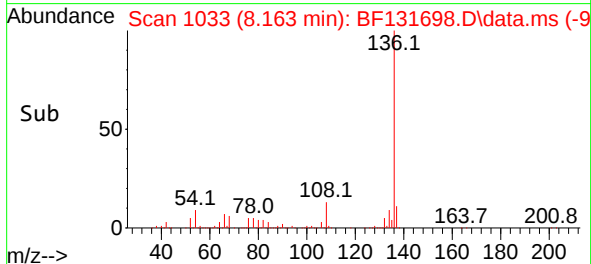
Instrument :
BNA_F
ClientSampleId :
MH-23MS



Tgt Ion:136 Resp: 265003
Ion Ratio Lower Upper
136 100
137 11.1 8.1 12.1
54 9.3 6.0 9.0
68 5.9 3.8 5.8

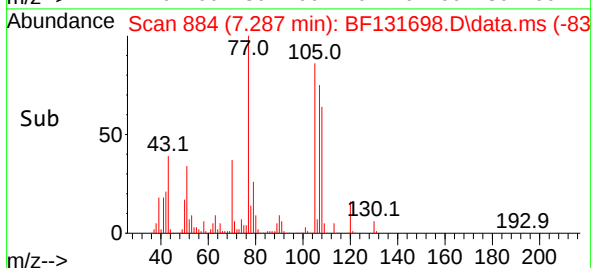
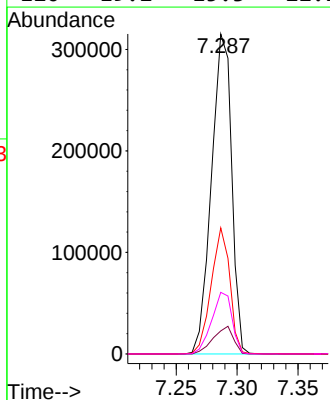
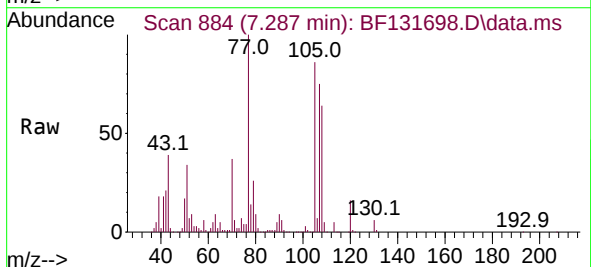
Manual Integrations
APPROVED

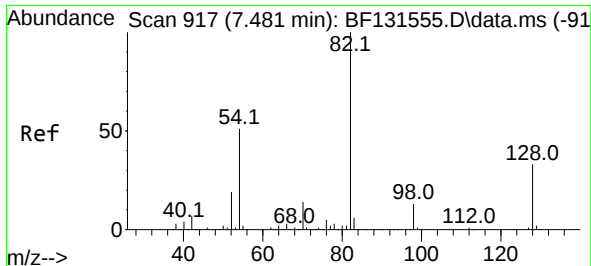
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022



#22
Acetophenone
Concen: 43.664 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF131698.D
Acq: 19 Dec 2022 20:09

Tgt Ion:105 Resp: 362606
Ion Ratio Lower Upper
105 100
71 7.2 5.4 8.0
51 39.4 27.8 41.6
120 19.2 15.3 22.9





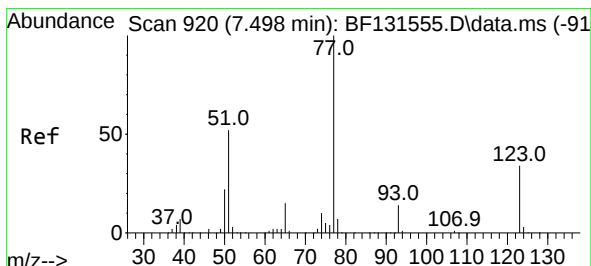
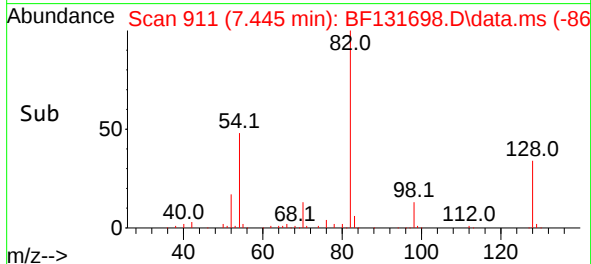
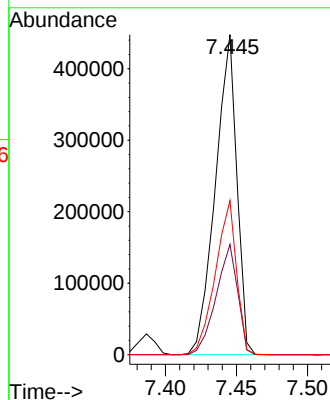
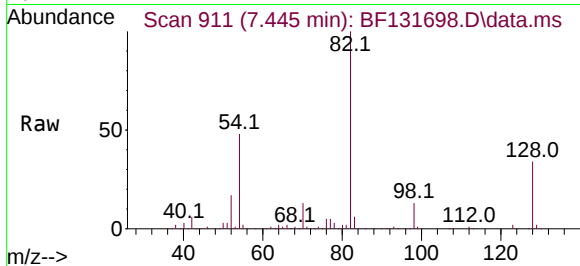
#23
Nitrobenzene-d5
Concen: 67.142 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF131698.D
Acq: 19 Dec 2022 20:09

Instrument :
BNA_F
ClientSampleId :
MH-23MS

Tgt Ion: 82 Resp: 470625
Ion Ratio Lower Upper
82 100
128 34.4 26.1 39.1
54 48.1 40.6 60.8

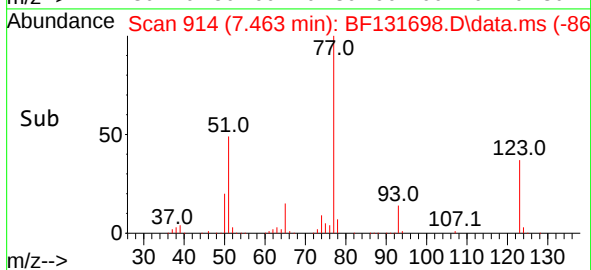
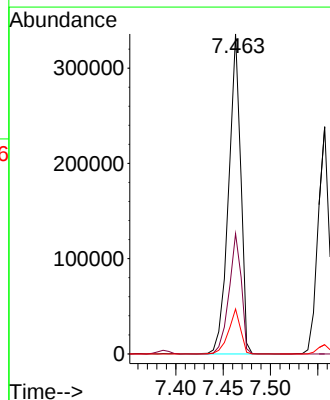
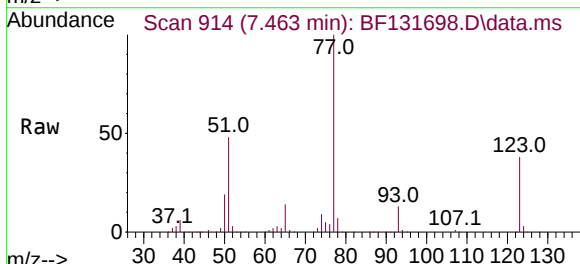
Manual Integrations
APPROVED

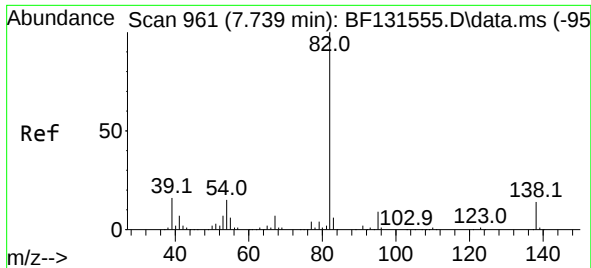
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022



#24
Nitrobenzene
Concen: 42.079 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BF131698.D
Acq: 19 Dec 2022 20:09

Tgt Ion: 77 Resp: 297479
Ion Ratio Lower Upper
77 100
123 37.6 27.1 40.7
65 14.0 11.9 17.9





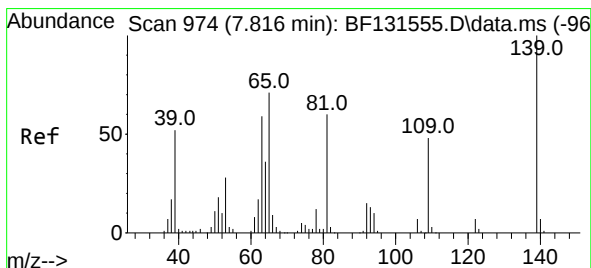
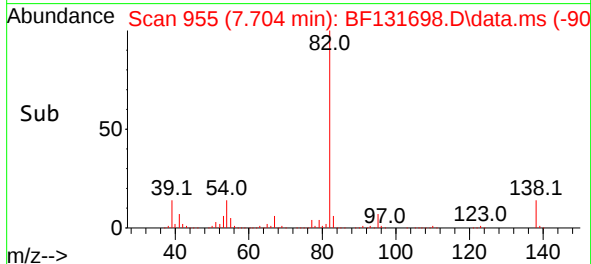
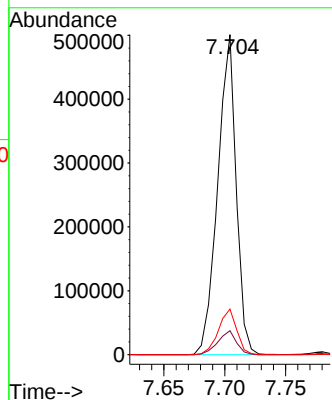
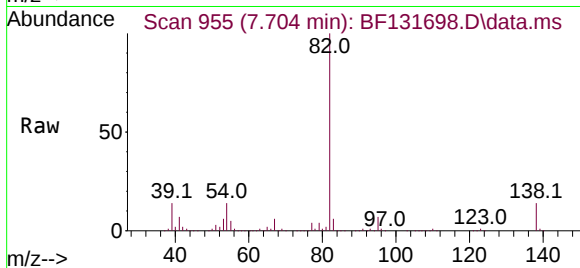
#25
Isophorone
Concen: 46.683 ng
RT: 7.704 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF131698.D
Acq: 19 Dec 2022 20:09

Instrument :
BNA_F
ClientSampleId :
MH-23MS

Tgt Ion: 82 Resp: 527072
Ion Ratio Lower Upper
82 100
95 7.5 6.9 10.3
138 14.2 11.4 17.0

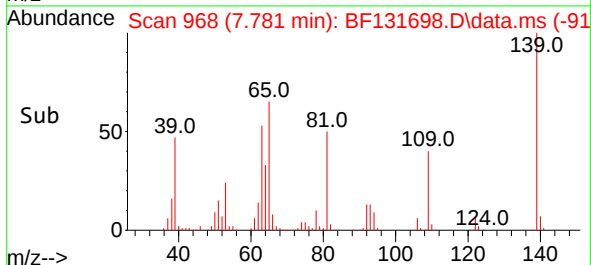
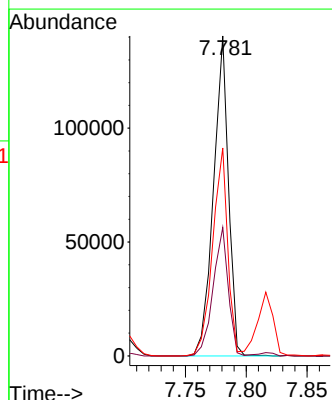
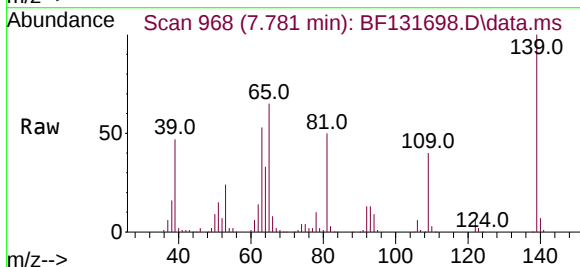
Manual Integrations
APPROVED

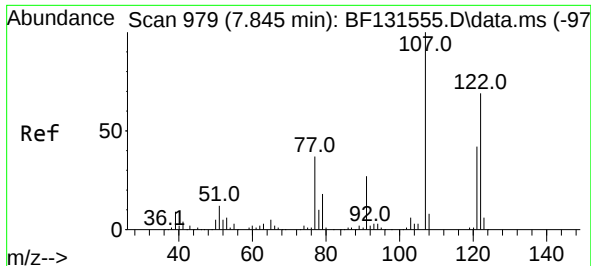
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022



#26
2-Nitrophenol
Concen: 49.857 ng
RT: 7.781 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF131698.D
Acq: 19 Dec 2022 20:09

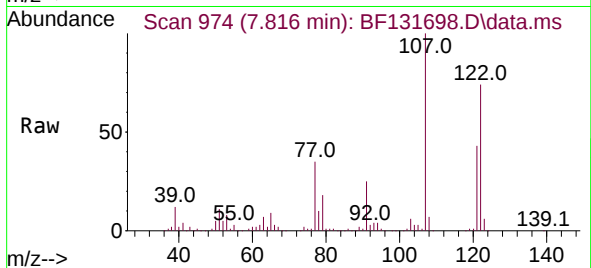
Tgt Ion:139 Resp: 120197
Ion Ratio Lower Upper
139 100
109 40.1 38.6 58.0
65 65.0 56.5 84.7





#27
 2,4-Dimethylphenol
 Concen: 54.727 ng
 RT: 7.816 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: BF131698.D
 Acq: 19 Dec 2022 20:09

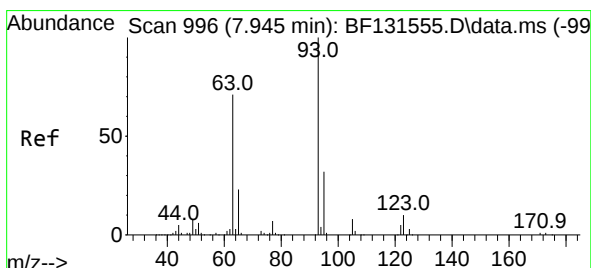
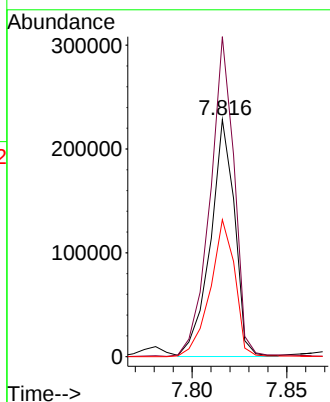
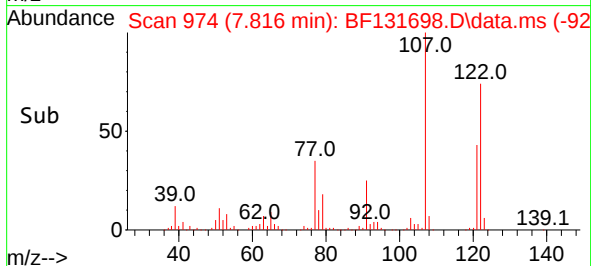
Instrument :
 BNA_F
 ClientSampleId :
 MH-23MS



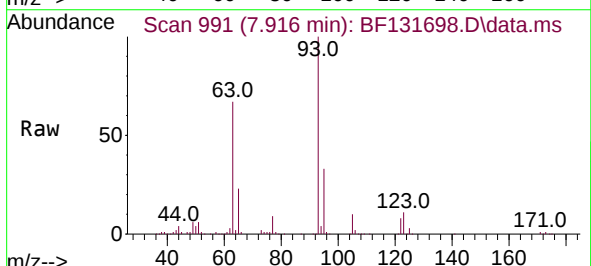
Tgt Ion:122 Resp: 202227
 Ion Ratio Lower Upper
 122 100
 107 135.0 114.2 171.2
 121 57.8 48.2 72.2

Manual Integrations
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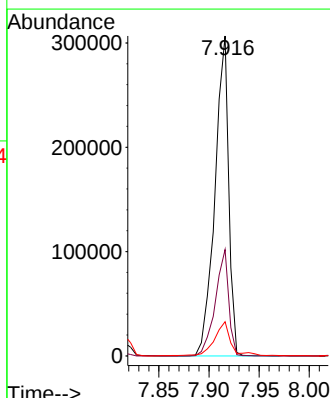
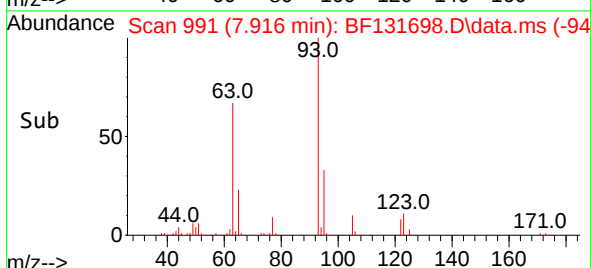
Reviewed By :Christian Giraldo 12/20/2022
 Supervised By :Jagrut Upadhyay 12/20/2022

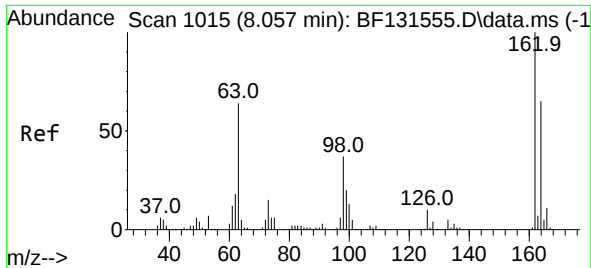


#28
 bis(2-Chloroethoxy)methane
 Concen: 50.309 ng
 RT: 7.916 min Scan# 991
 Delta R.T. 0.000 min
 Lab File: BF131698.D
 Acq: 19 Dec 2022 20:09



Tgt Ion: 93 Resp: 293836
 Ion Ratio Lower Upper
 93 100
 95 33.2 25.8 38.6
 123 10.7 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 43.717 ng

RT: 8.022 min Scan# 1009

Delta R.T. 0.000 min

Lab File: BF131698.D

Acq: 19 Dec 2022 20:09

Instrument :

BNA_F

ClientSampleId :

MH-23MS

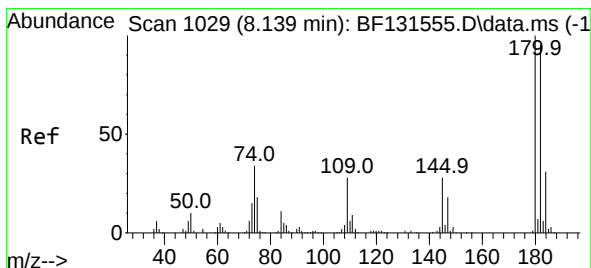
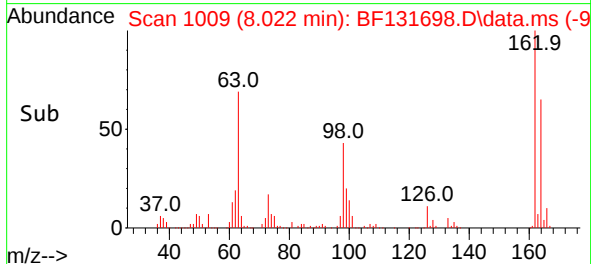
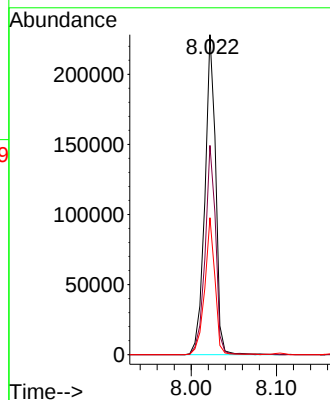
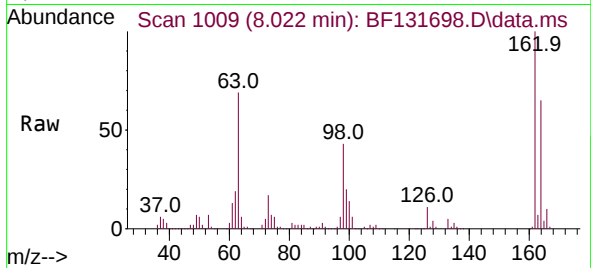
Tgt Ion:162	Resp: 199745
Ion Ratio	Lower Upper
162 100	
164 65.4	45.0 85.0
98 42.8	16.6 56.6

Manual Integrations

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Reviewed By :Christian Giraldo 12/20/2022

Supervised By :Jagrut Upadhyay 12/20/2022



#30

1,2,4-Trichlorobenzene

Concen: 42.518 ng

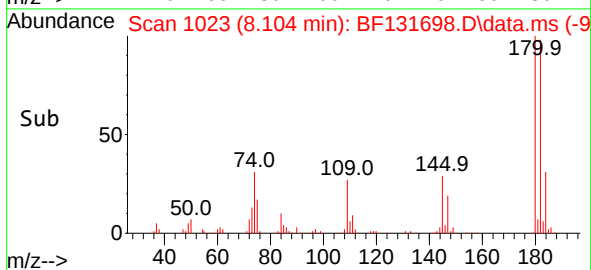
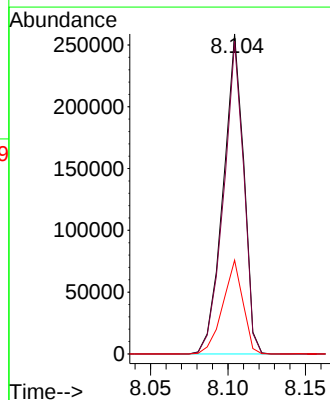
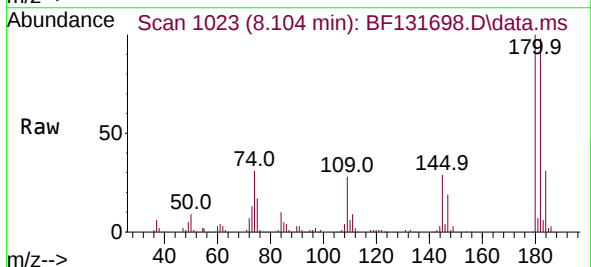
RT: 8.104 min Scan# 1023

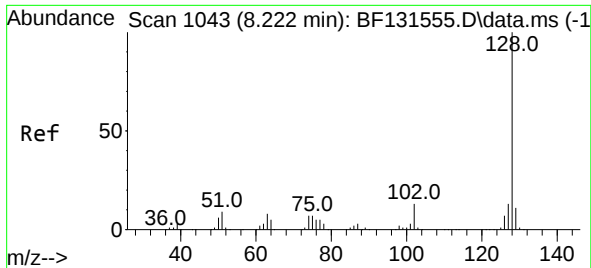
Delta R.T. 0.000 min

Lab File: BF131698.D

Acq: 19 Dec 2022 20:09

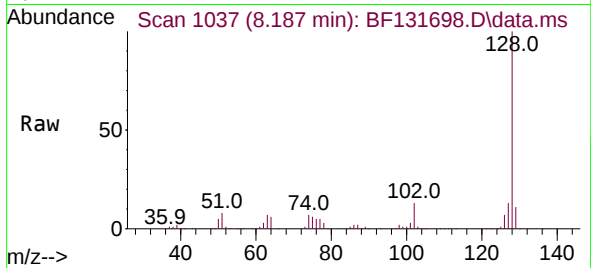
Tgt Ion:180	Resp: 238237
Ion Ratio	Lower Upper
180 100	
182 97.6	75.8 113.6
145 29.3	22.4 33.6





#31
Naphthalene
Concen: 42.933 ng
RT: 8.187 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF131698.D
Acq: 19 Dec 2022 20:09

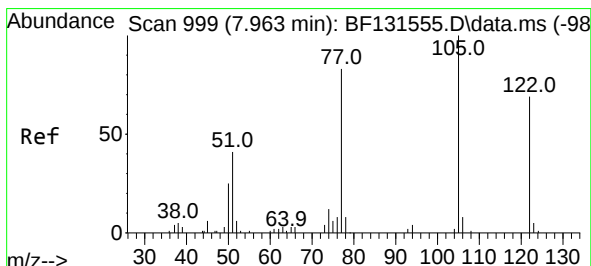
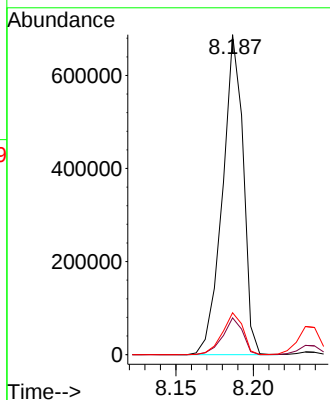
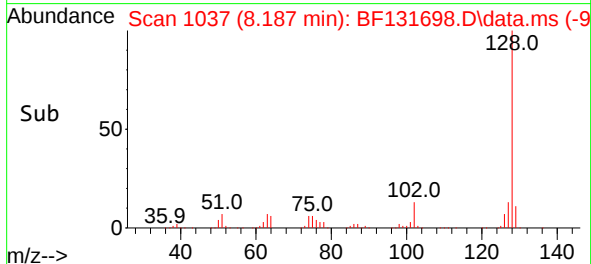
Instrument :
BNA_F
ClientSampleId :
MH-23MS



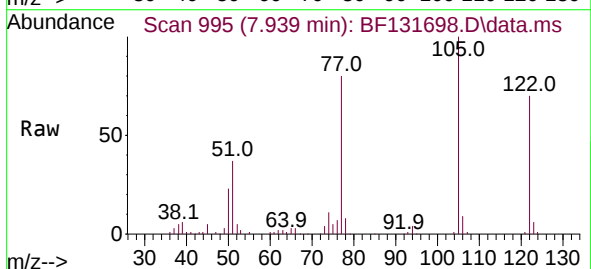
Tgt Ion:128 Resp: 640805
Ion Ratio Lower Upper
128 100
129 11.5 8.9 13.3
127 13.1 10.6 15.8

Manual Integrations
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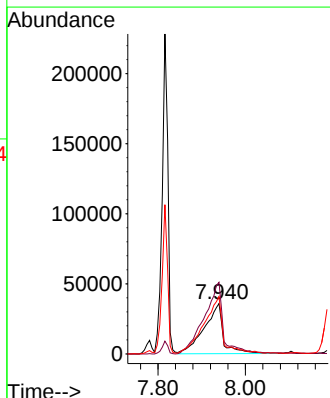
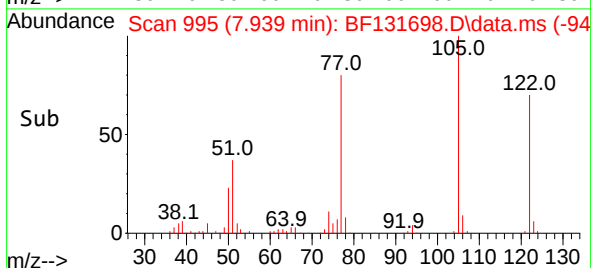
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022

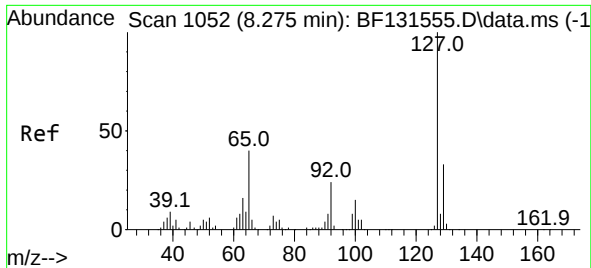


#32
Benzoic acid
Concen: 40.641 ng
RT: 7.939 min Scan# 995
Delta R.T. 0.012 min
Lab File: BF131698.D
Acq: 19 Dec 2022 20:09



Tgt Ion:122 Resp: 108763
Ion Ratio Lower Upper
122 100
105 142.6 119.8 159.8
77 114.2 97.6 137.6





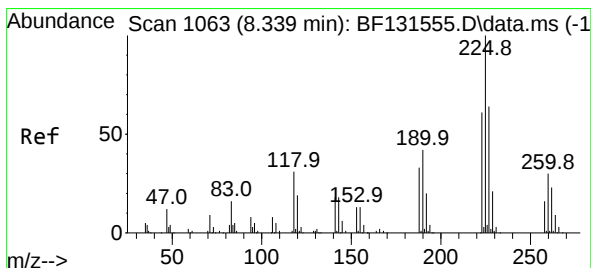
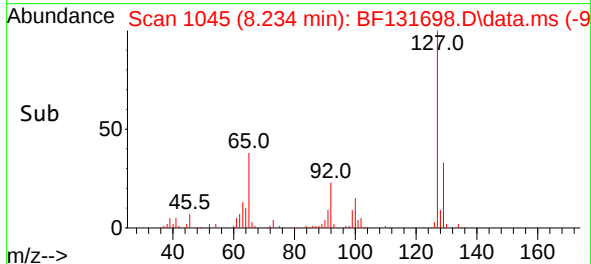
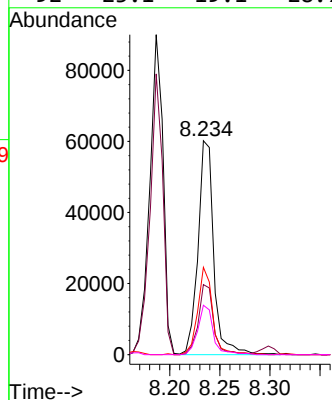
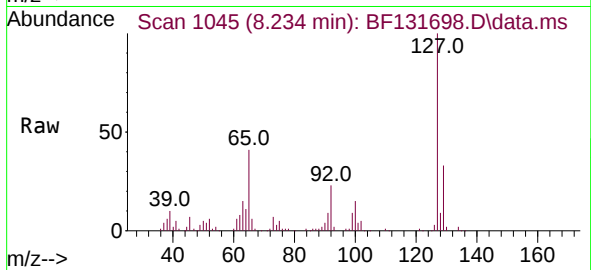
#33
4-Chloroaniline
Concen: 11.730 ng
RT: 8.234 min Scan# 1045
Delta R.T. -0.006 min
Lab File: BF131698.D
Acq: 19 Dec 2022 20:09

Instrument :
BNA_F
ClientSampleId :
MH-23MS

Tgt Ion:127	Resp: 6562
Ion Ratio	Lower Upper
127 100	
129 32.7	26.4 39.6
65 40.8	31.9 47.9
92 23.1	19.1 28.7

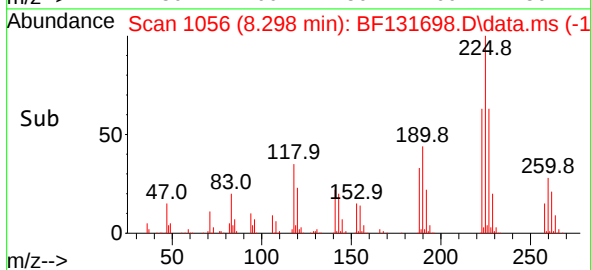
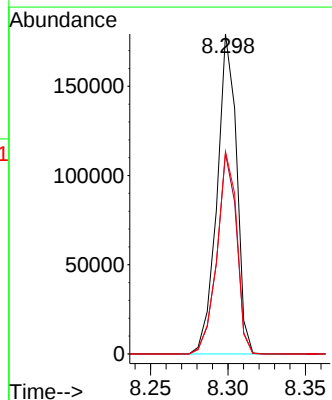
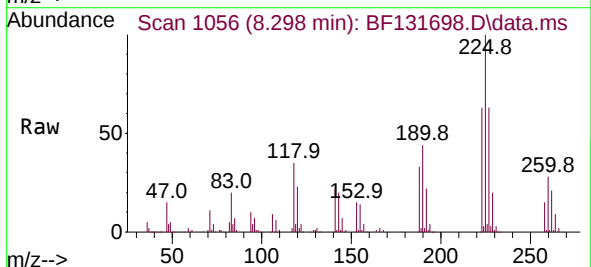
Manual Integrations
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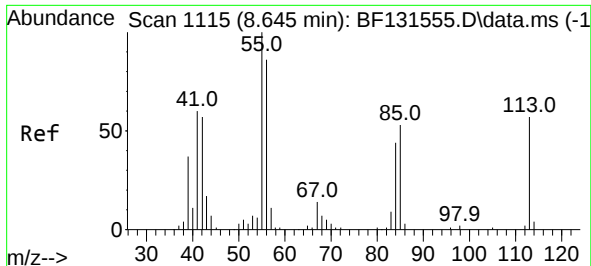
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022



#34
Hexachlorobutadiene
Concen: 39.716 ng
RT: 8.298 min Scan# 1056
Delta R.T. -0.006 min
Lab File: BF131698.D
Acq: 19 Dec 2022 20:09

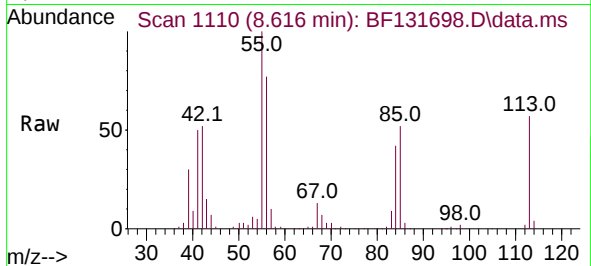
Tgt Ion:225	Resp: 156839
Ion Ratio	Lower Upper
225 100	
223 62.7	48.7 73.1
227 63.3	51.0 76.6





#35
Caprolactam
Concen: 48.338 ng m
RT: 8.616 min Scan# 1110
Delta R.T. 0.012 min
Lab File: BF131698.D
Acq: 19 Dec 2022 20:09

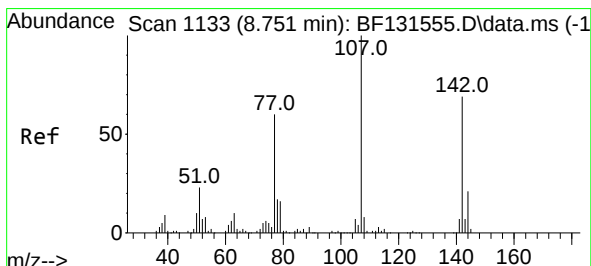
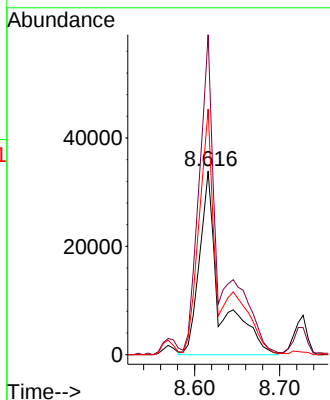
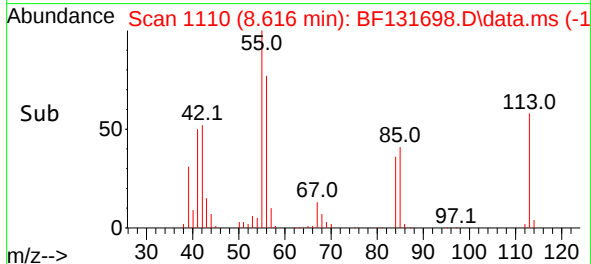
Instrument :
BNA_F
ClientSampleId :
MH-23MS



Tgt Ion:113 Resp: 57132
Ion Ratio Lower Upper
113 100
55 174.5 155.8 195.8
56 133.9 131.7 171.7

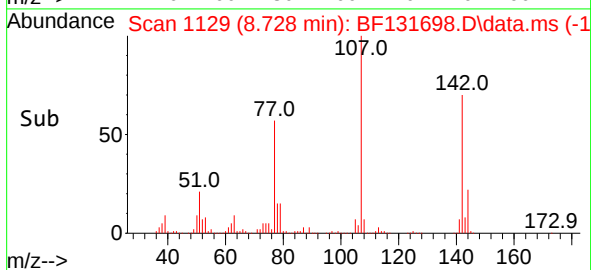
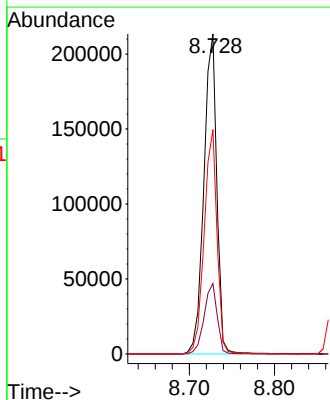
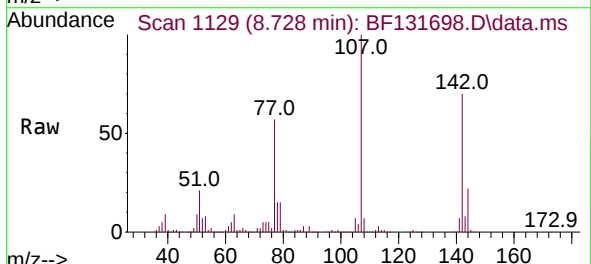
Manual Integrations
APPROVED

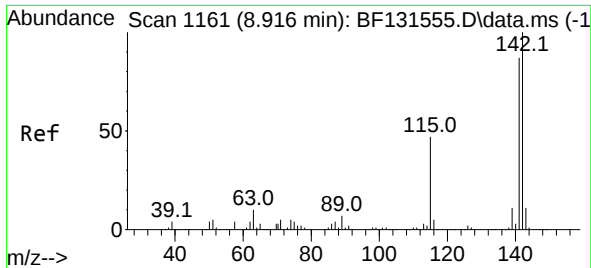
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022



#36
4-Chloro-3-methylphenol
Concen: 43.870 ng
RT: 8.728 min Scan# 1129
Delta R.T. 0.012 min
Lab File: BF131698.D
Acq: 19 Dec 2022 20:09

Tgt Ion:107 Resp: 225078
Ion Ratio Lower Upper
107 100
144 22.0 17.0 25.4
142 70.1 54.8 82.2





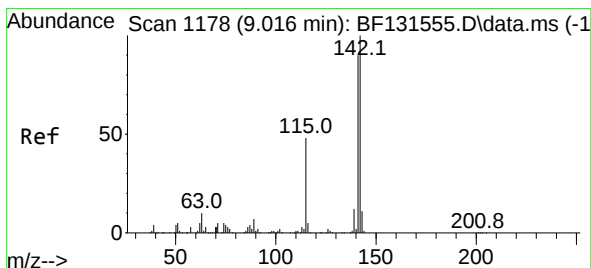
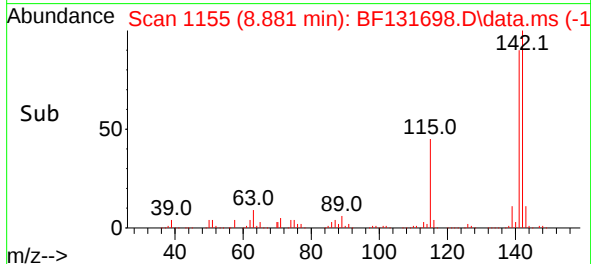
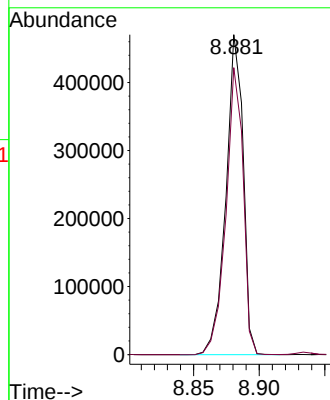
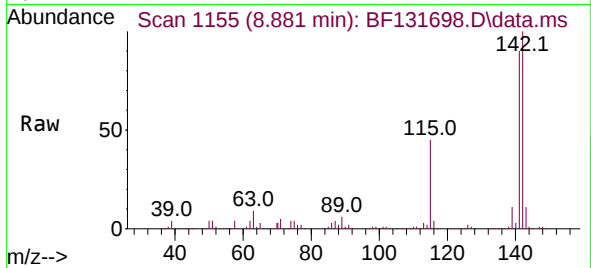
#37
2-Methylnaphthalene
Concen: 42.138 ng
RT: 8.881 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BF131698.D
Acq: 19 Dec 2022 20:09

Instrument :
BNA_F
ClientSampleId :
MH-23MS

Tgt Ion:142 Resp: 430125
Ion Ratio Lower Upper
142 100
141 89.7 69.7 104.5

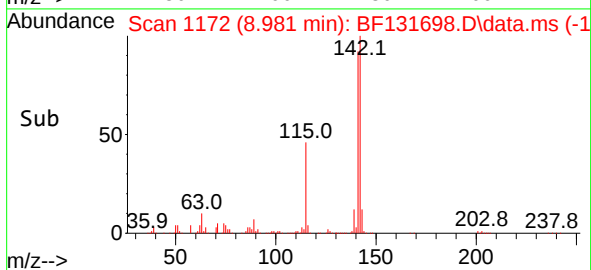
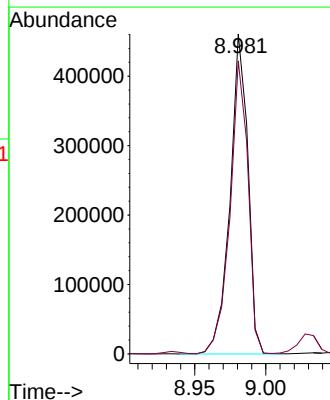
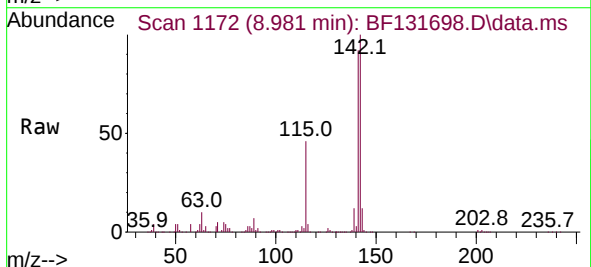
Manual Integrations
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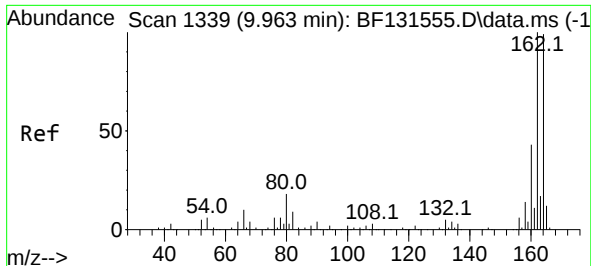
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022



#38
1-Methylnaphthalene
Concen: 41.107 ng
RT: 8.981 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF131698.D
Acq: 19 Dec 2022 20:09

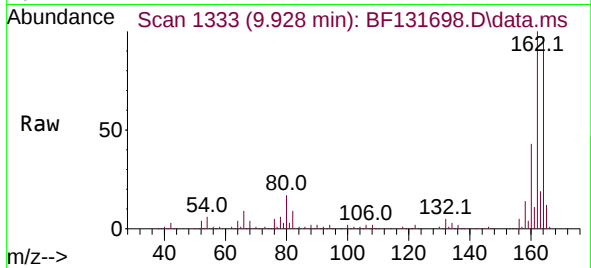
Tgt Ion:142 Resp: 402807
Ion Ratio Lower Upper
142 100
141 91.6 71.9 107.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BF131698.D
Acq: 19 Dec 2022 20:09

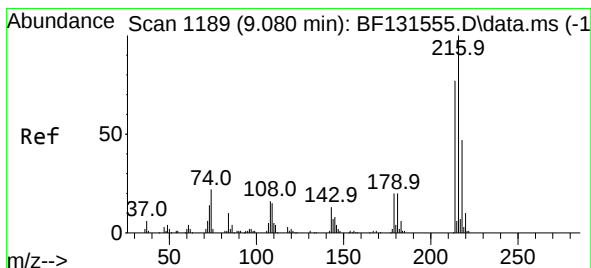
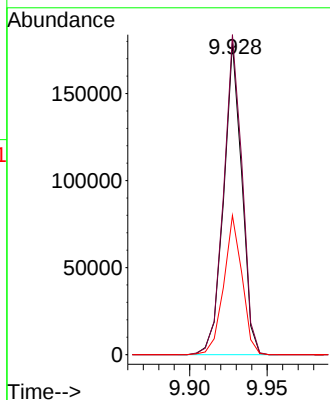
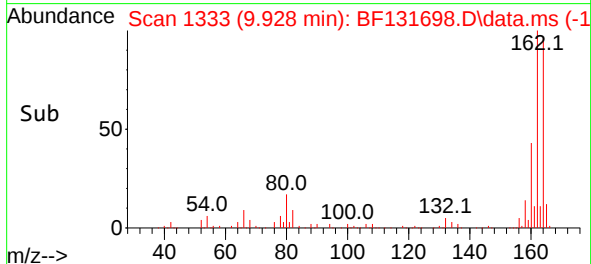
Instrument :
BNA_F
ClientSampleId :
MH-23MS



Tgt Ion:164 Resp: 145327
Ion Ratio Lower Upper
164 100
162 102.6 81.0 121.6
160 44.6 35.0 52.6

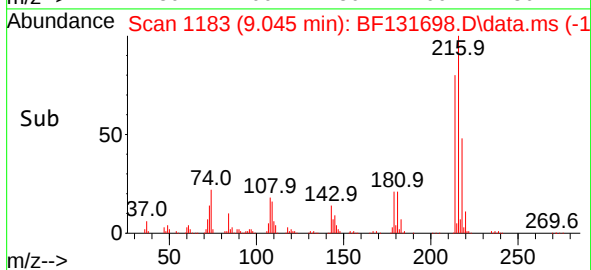
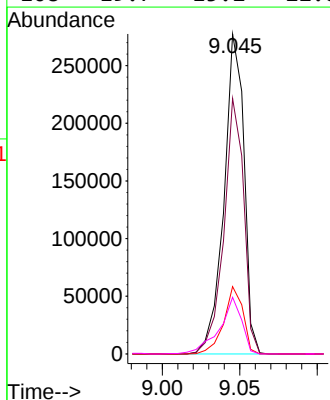
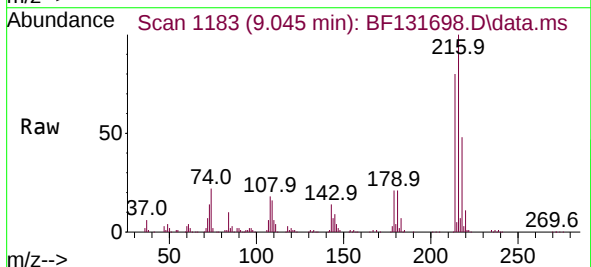
Manual Integrations
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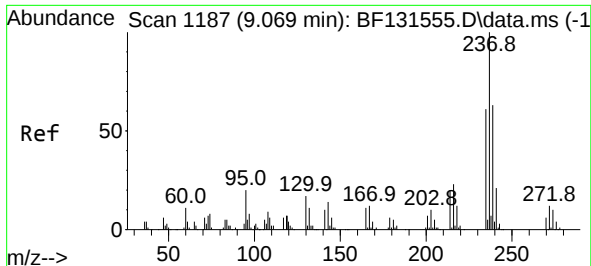
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.512 ng
RT: 9.045 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF131698.D
Acq: 19 Dec 2022 20:09

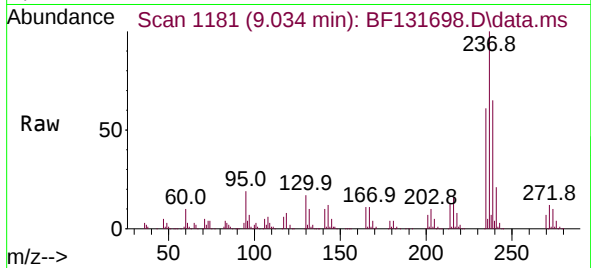
Tgt Ion:216 Resp: 250222
Ion Ratio Lower Upper
216 100
214 78.7 62.1 93.1
179 20.2 16.0 24.0
108 19.7 15.2 22.8





#41
Hexachlorocyclopentadiene
Concen: 86.628 ng
RT: 9.034 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BF131698.D
Acq: 19 Dec 2022 20:09

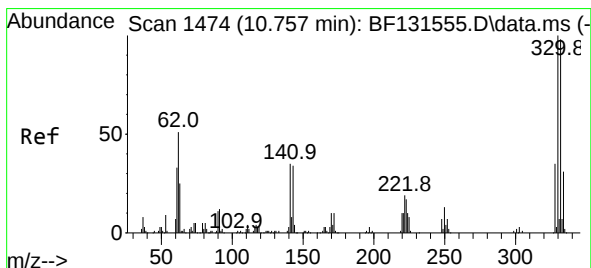
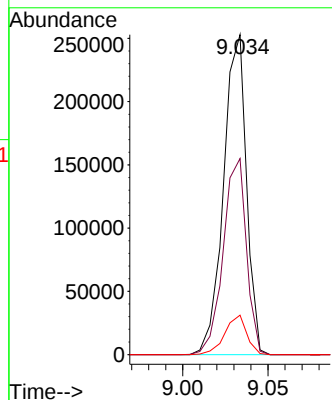
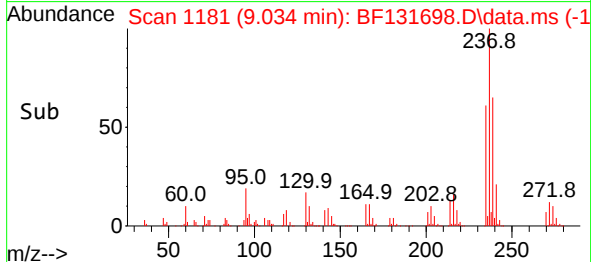
Instrument :
BNA_F
ClientSampleId :
MH-23MS



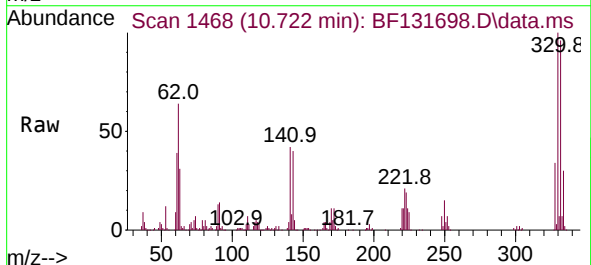
Tgt Ion: 237 Resp: 236545
Ion Ratio Lower Upper
237 100
235 61.3 40.6 80.6
272 12.3 0.0 32.2

Manual Integrations
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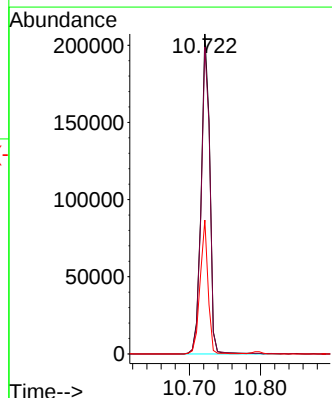
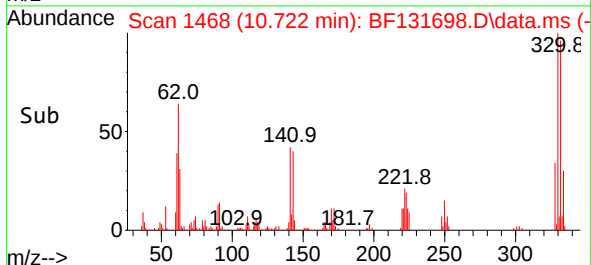
Reviewed By : Christian Giraldo 12/20/2022
Supervised By : Jagrut Upadhyay 12/20/2022

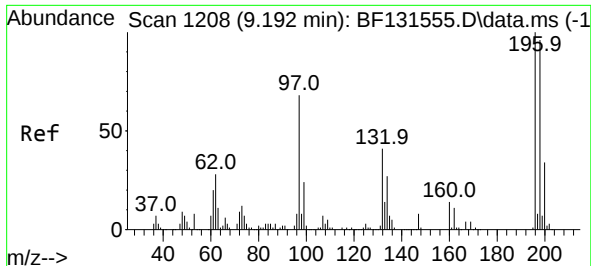


#42
2,4,6-Tribromophenol
Concen: 107.843 ng
RT: 10.722 min Scan# 1468
Delta R.T. 0.000 min
Lab File: BF131698.D
Acq: 19 Dec 2022 20:09



Tgt Ion: 330 Resp: 174127
Ion Ratio Lower Upper
330 100
332 96.6 78.3 117.5
141 38.7 32.6 49.0





#43

2,4,6-Trichlorophenol

Concen: 45.827 ng

RT: 9.163 min Scan# 1208

Delta R.T. 0.006 min

Lab File: BF131698.D

Acq: 19 Dec 2022 20:09

Instrument :

BNA_F

ClientSampleId :

MH-23MS

Tgt Ion:196 Resp: 152489

Ion Ratio Lower Upper

196 100

198 96.5 76.9 115.3

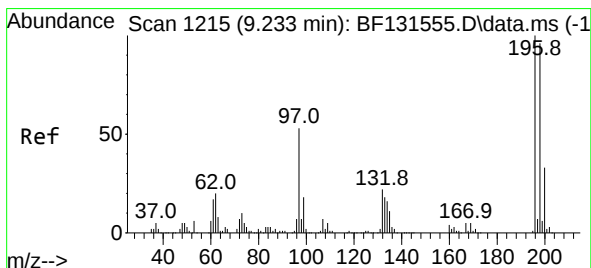
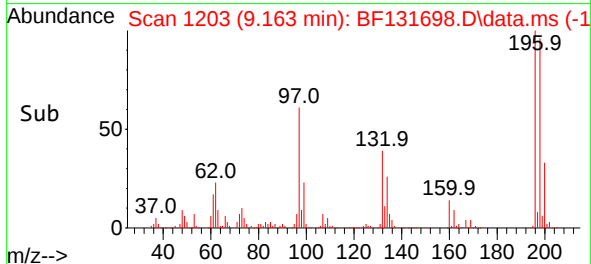
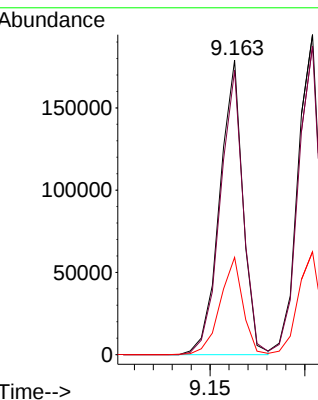
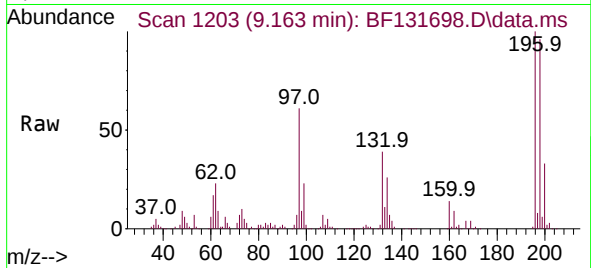
200 33.0 26.9 40.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/20/2022

Supervised By :Jagrut Upadhyay 12/20/2022



#44

2,4,5-Trichlorophenol

Concen: 43.910 ng

RT: 9.204 min Scan# 1210

Delta R.T. 0.006 min

Lab File: BF131698.D

Acq: 19 Dec 2022 20:09

Tgt Ion:196 Resp: 157134

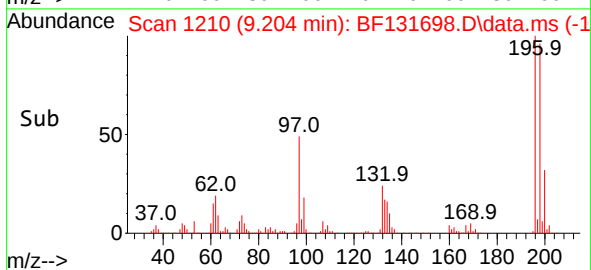
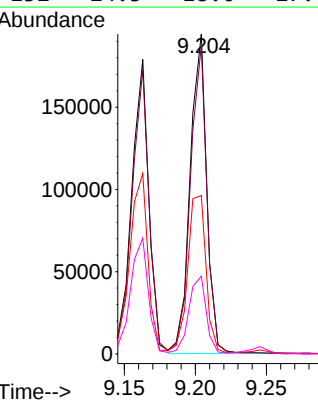
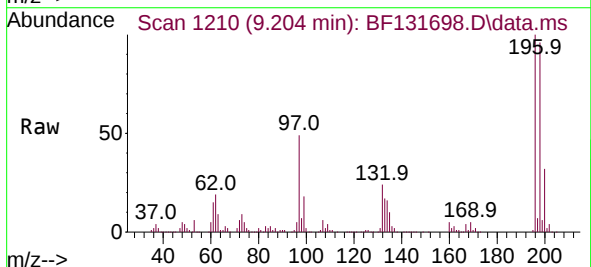
Ion Ratio Lower Upper

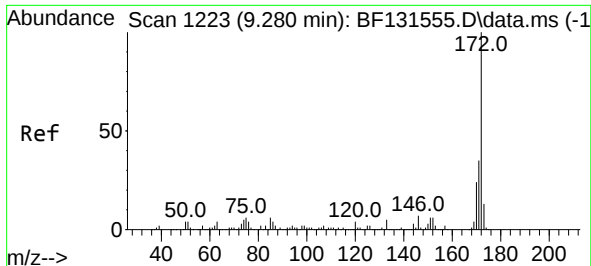
196 100

198 96.4 77.2 115.8

97 49.5 42.2 63.2

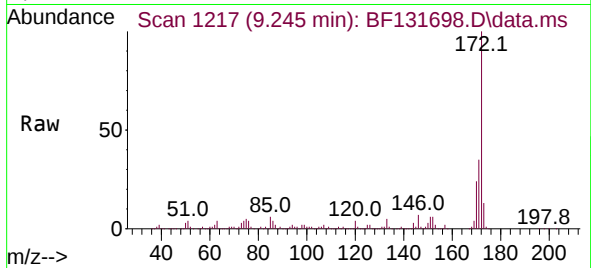
132 24.3 18.0 27.0





#45
2-Fluorobiphenyl
Concen: 68.770 ng
RT: 9.245 min Scan# 1217
Delta R.T. 0.000 min
Lab File: BF131698.D
Acq: 19 Dec 2022 20:09

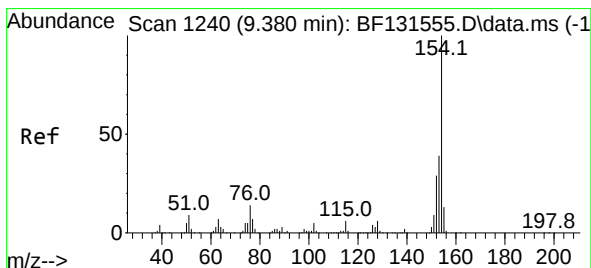
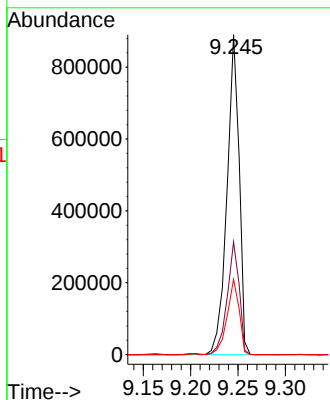
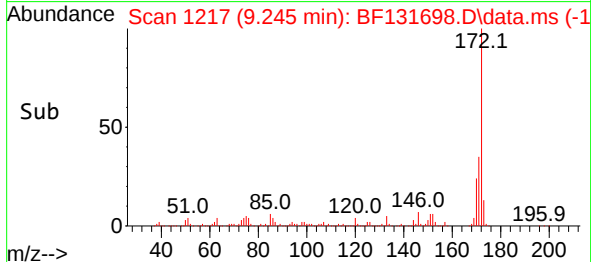
Instrument :
BNA_F
ClientSampleId :
MH-23MS



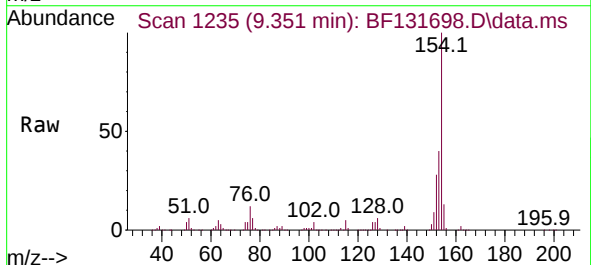
Tgt Ion:172 Resp: 792640
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.5 19.3 28.9

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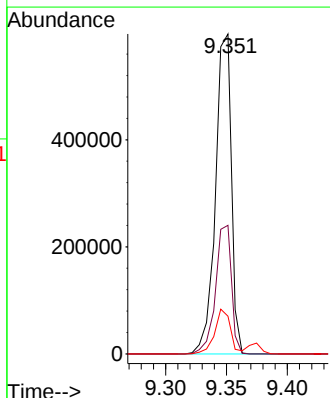
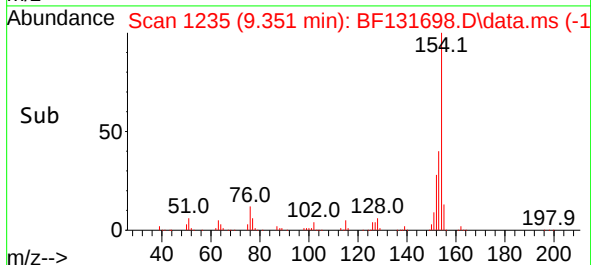
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022

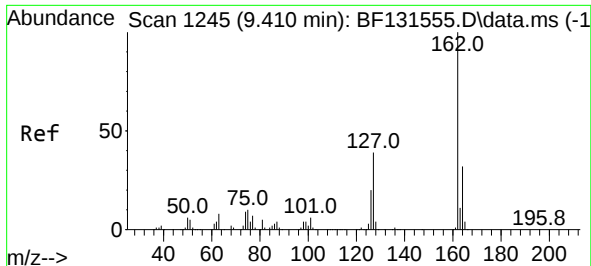


#46
1,1'-Biphenyl
Concen: 47.352 ng
RT: 9.351 min Scan# 1235
Delta R.T. 0.006 min
Lab File: BF131698.D
Acq: 19 Dec 2022 20:09



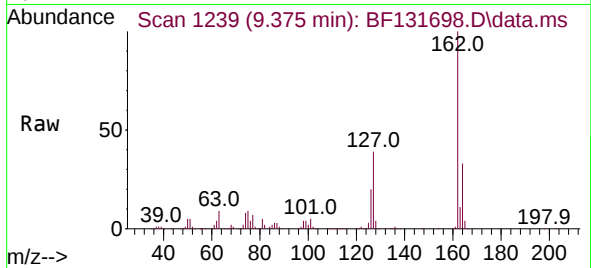
Tgt Ion:154 Resp: 544093
Ion Ratio Lower Upper
154 100
153 40.2 19.4 59.4
76 11.8 0.0 34.0





#47
2-Chloronaphthalene
Concen: 46.181 ng
RT: 9.375 min Scan# 1239
Delta R.T. 0.000 min
Lab File: BF131698.D
Acq: 19 Dec 2022 20:09

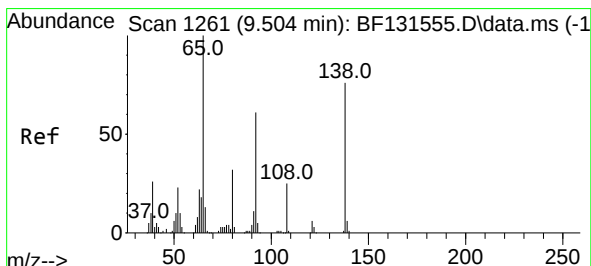
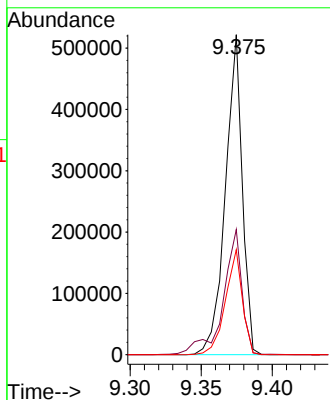
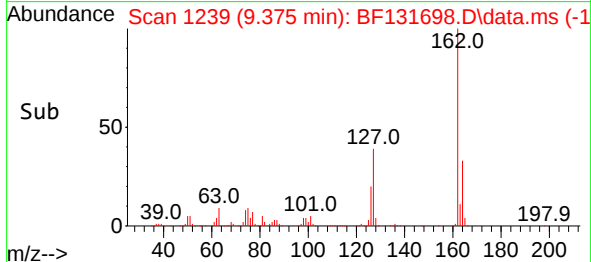
Instrument :
BNA_F
ClientSampleId :
MH-23MS



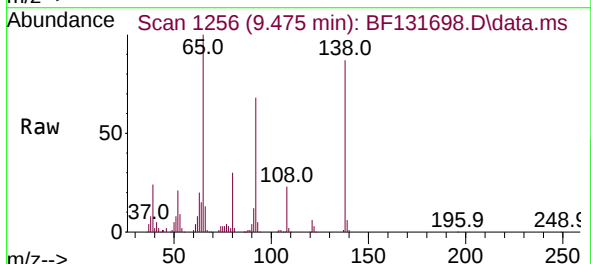
Tgt Ion:162 Resp: 432331
Ion Ratio Lower Upper
162 100
127 39.1 31.4 47.2
164 32.8 25.8 38.8

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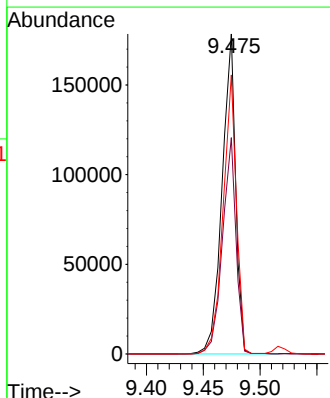
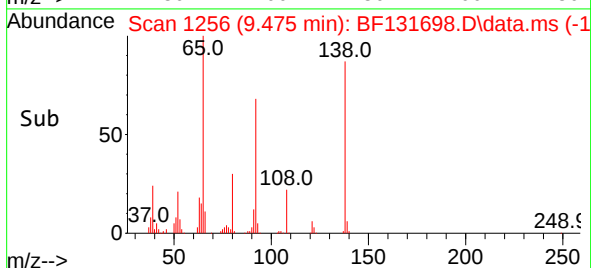
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022

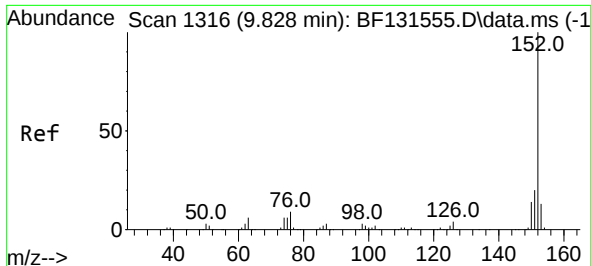


#48
2-Nitroaniline
Concen: 44.693 ng
RT: 9.475 min Scan# 1256
Delta R.T. 0.006 min
Lab File: BF131698.D
Acq: 19 Dec 2022 20:09



Tgt Ion: 65 Resp: 148214
Ion Ratio Lower Upper
65 100
92 67.6 49.2 73.8
138 87.2 60.7 91.1





#49

Acenaphthylene

Concen: 45.865 ng

RT: 9.792 min Scan# 1316

Delta R.T. 0.000 min

Lab File: BF131698.D

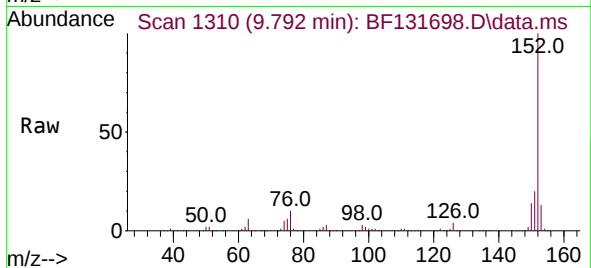
Acq: 19 Dec 2022 20:09

Instrument :

BNA_F

ClientSampleId :

MH-23MS



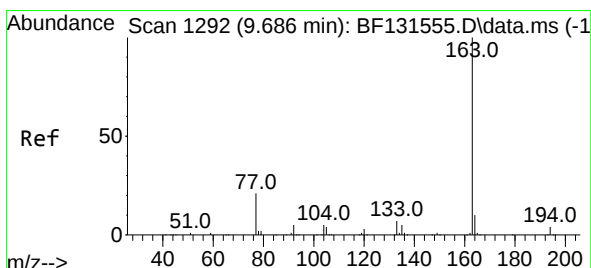
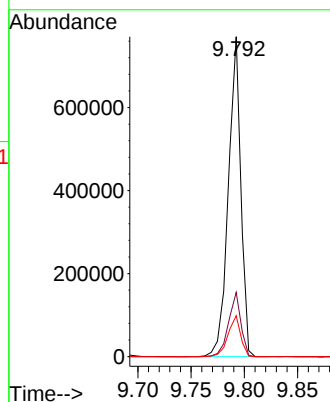
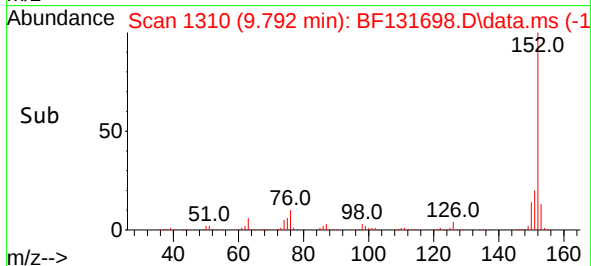
Tgt Ion:152 Resp: 630452

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.6	23.4
153	12.8	10.4	15.6

Manual Integrations

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Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022



#50

Dimethylphthalate

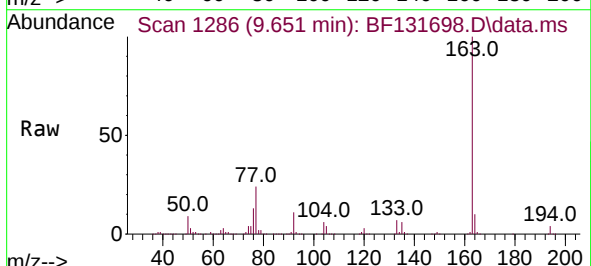
Concen: 46.272 ng

RT: 9.651 min Scan# 1286

Delta R.T. 0.006 min

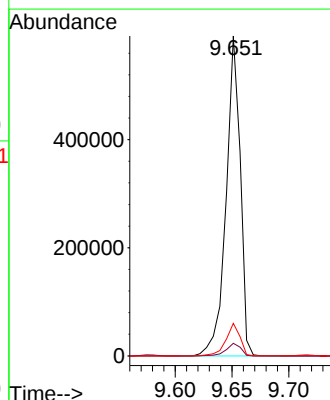
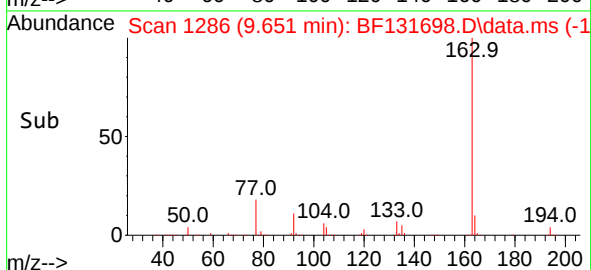
Lab File: BF131698.D

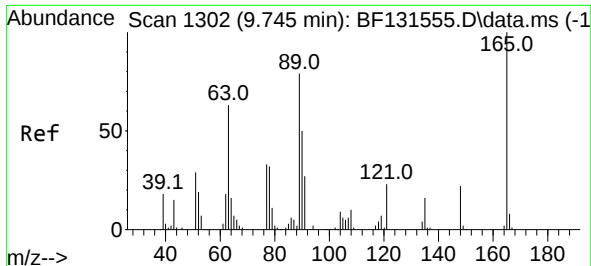
Acq: 19 Dec 2022 20:09



Tgt Ion:163 Resp: 512629

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	10.2	7.8	11.6





#51

2,6-Dinitrotoluene

Concen: 47.179 ng

RT: 9.716 min Scan# 1297

Delta R.T. 0.006 min

Lab File: BF131698.D

Acq: 19 Dec 2022 20:09

Instrument :

BNA_F

ClientSampleId :

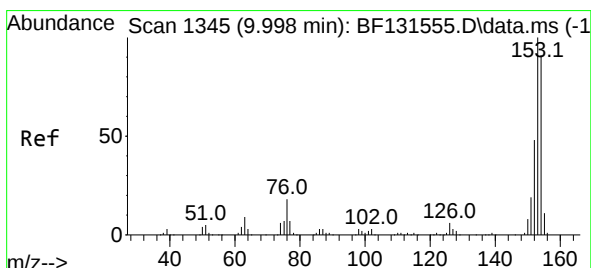
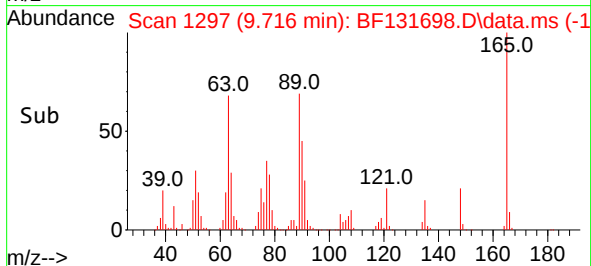
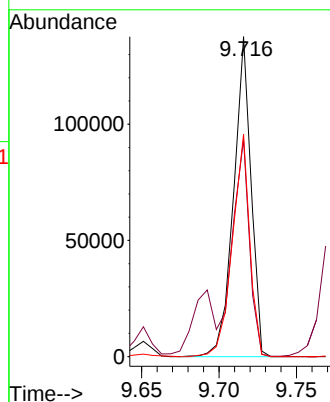
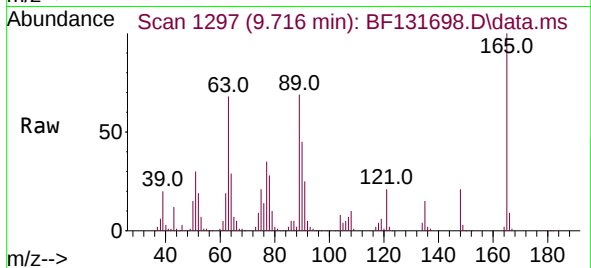
MH-23MS

Tgt Ion:165 Resp: 107903
 Ion Ratio Lower Upper
 165 100
 63 67.8 67.9 101.9
 89 69.5 63.2 94.8

Manual Integrations

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Reviewed By :Christian Giraldo 12/20/2022
 Supervised By :Jagrut Upadhyay 12/20/2022



#52

Acenaphthene

Concen: 45.776 ng m

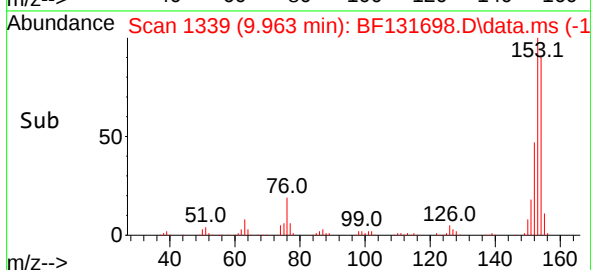
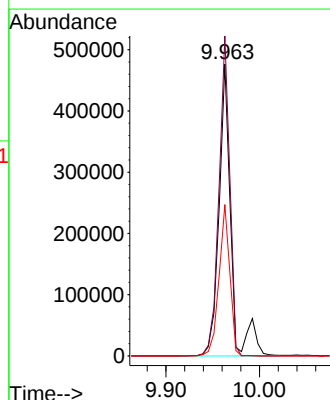
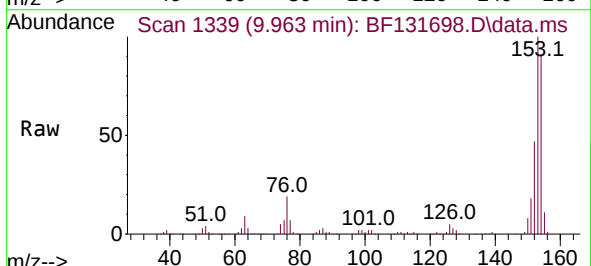
RT: 9.963 min Scan# 1339

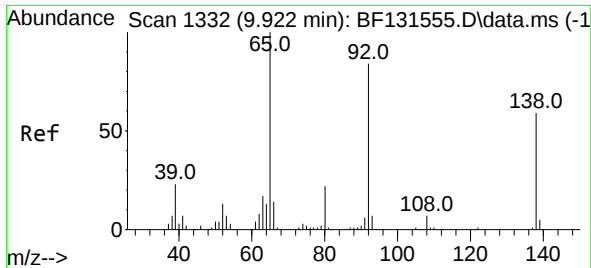
Delta R.T. 0.000 min

Lab File: BF131698.D

Acq: 19 Dec 2022 20:09

Tgt Ion:154 Resp: 421525
 Ion Ratio Lower Upper
 154 100
 153 109.7 87.9 131.9
 152 51.8 42.4 63.6





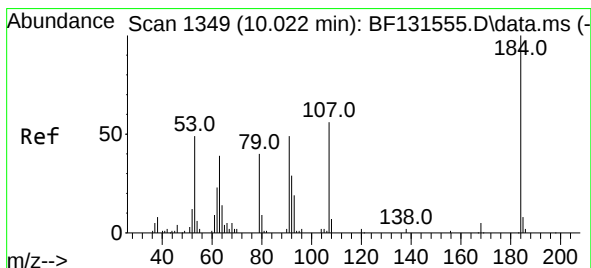
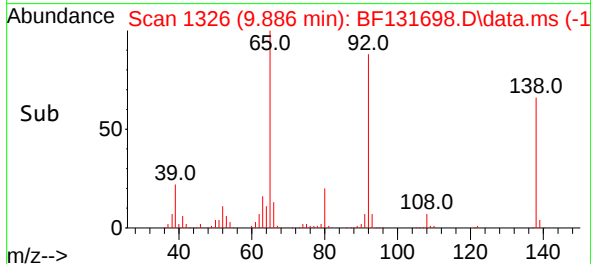
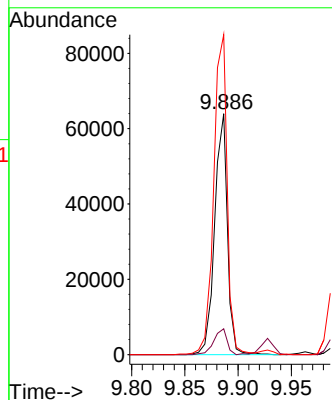
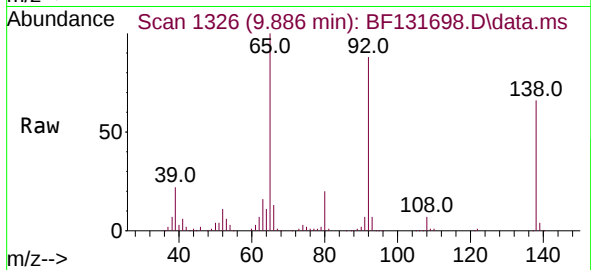
#53
3-Nitroaniline
Concen: 24.337 ng
RT: 9.886 min Scan# 1332
Delta R.T. 0.000 min
Lab File: BF131698.D
Acq: 19 Dec 2022 20:09

Instrument :
BNA_F
ClientSampleId :
MH-23MS

Tgt Ion:138 Resp: 53406
Ion Ratio Lower Upper
138 100
108 10.7 9.6 14.4
92 132.8 113.4 170.0

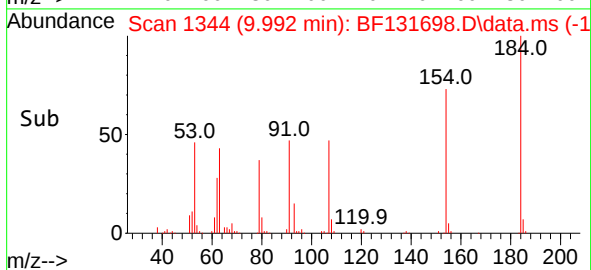
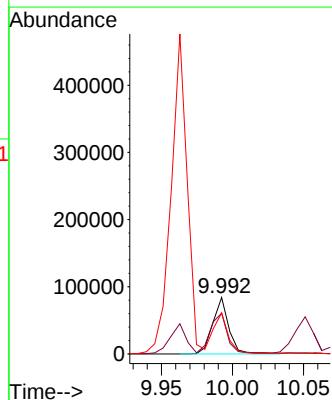
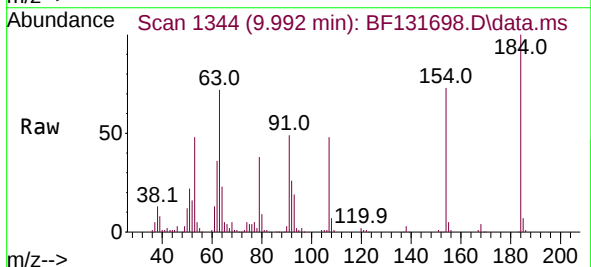
Manual Integrations
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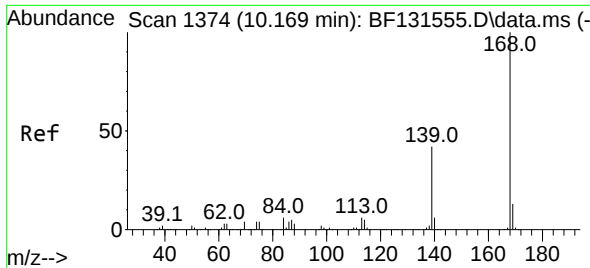
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022



#54
2,4-Dinitrophenol
Concen: 51.993 ng
RT: 9.992 min Scan# 1344
Delta R.T. 0.006 min
Lab File: BF131698.D
Acq: 19 Dec 2022 20:09

Tgt Ion:184 Resp: 66094
Ion Ratio Lower Upper
184 100
63 72.2 60.7 91.1
154 72.6 59.0 88.6





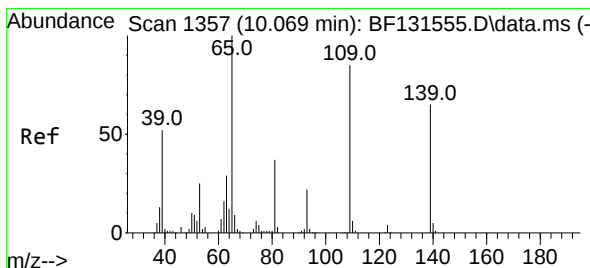
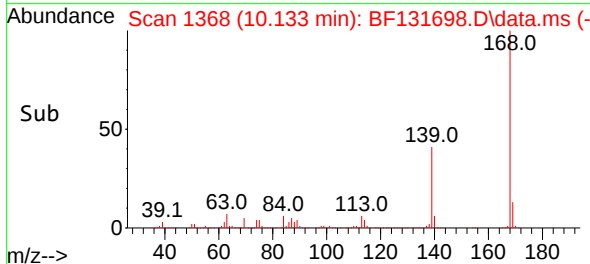
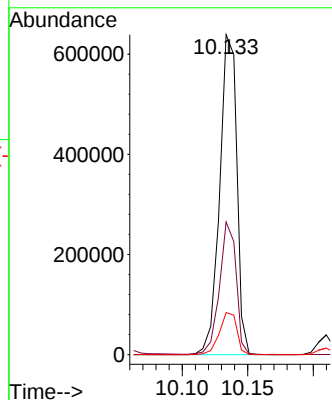
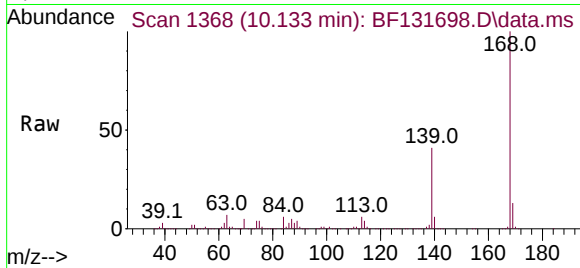
#55
Dibenzenofuran
Concen: 44.860 ng
RT: 10.133 min Scan# 1368
Delta R.T. 0.000 min
Lab File: BF131698.D
Acq: 19 Dec 2022 20:09

Instrument :
BNA_F
ClientSampleId :
MH-23MS

Tgt Ion:168 Resp: 583680
Ion Ratio Lower Upper
168 100
139 41.4 33.9 50.9
169 13.1 10.7 16.1

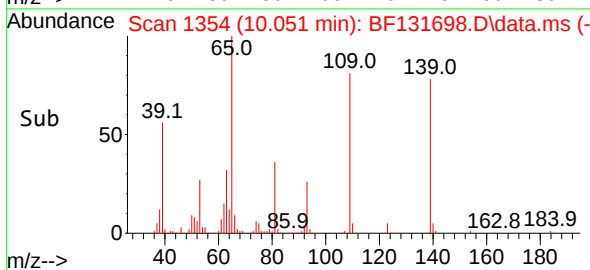
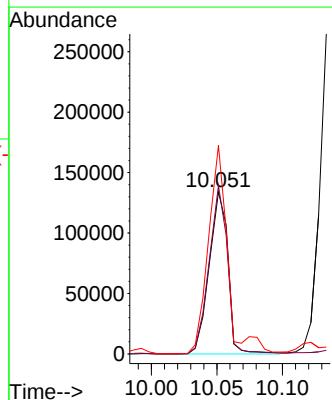
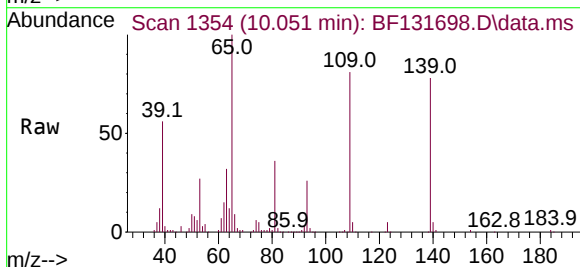
Manual Integrations
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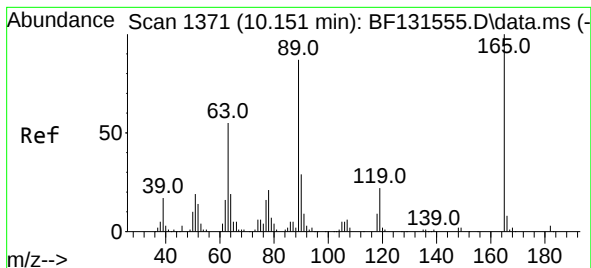
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022



#56
4-Nitrophenol
Concen: 87.669 ng
RT: 10.051 min Scan# 1354
Delta R.T. 0.012 min
Lab File: BF131698.D
Acq: 19 Dec 2022 20:09

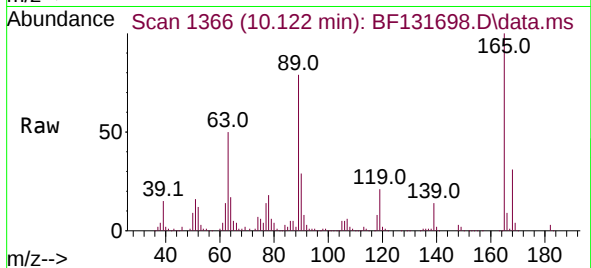
Tgt Ion:139 Resp: 133644
Ion Ratio Lower Upper
139 100
109 103.8 110.2 150.2#
65 128.6 133.3 173.3#





#57
2,4-Dinitrotoluene
Concen: 47.737 ng
RT: 10.122 min Scan# 1366
Delta R.T. 0.006 min
Lab File: BF131698.D
Acq: 19 Dec 2022 20:09

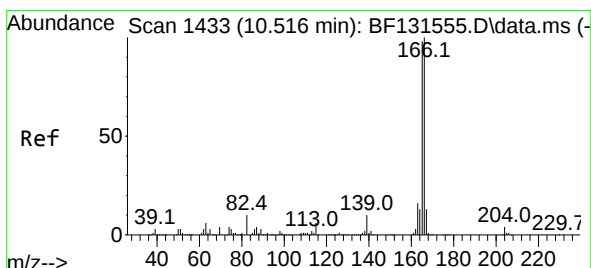
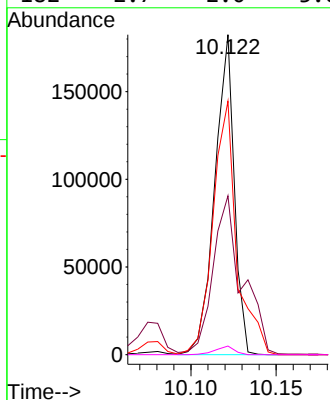
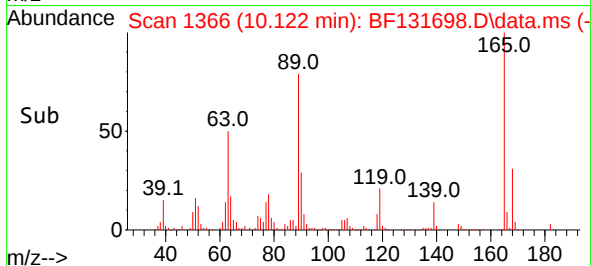
Instrument :
BNA_F
ClientSampleId :
MH-23MS



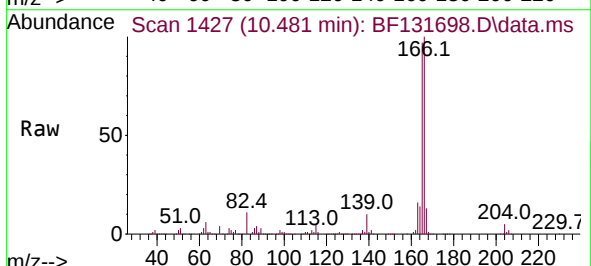
Tgt Ion:165 Resp: 144831
Ion Ratio Lower Upper
165 100
63 49.6 44.4 66.6
89 79.2 69.6 104.4
182 2.7 2.0 3.0

Manual Integrations
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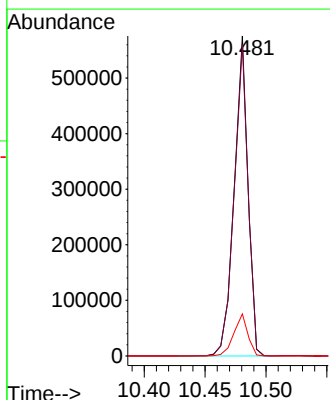
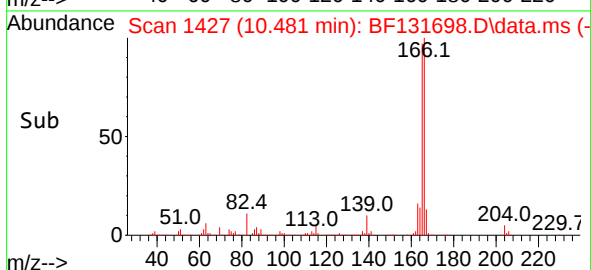
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022

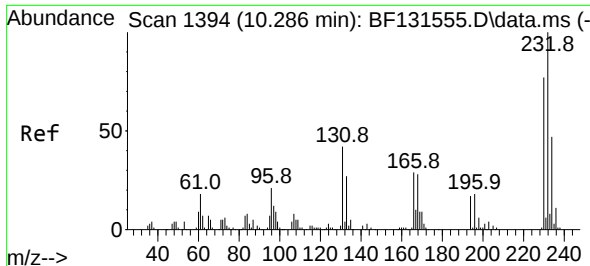


#58
Fluorene
Concen: 42.886 ng
RT: 10.481 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF131698.D
Acq: 19 Dec 2022 20:09



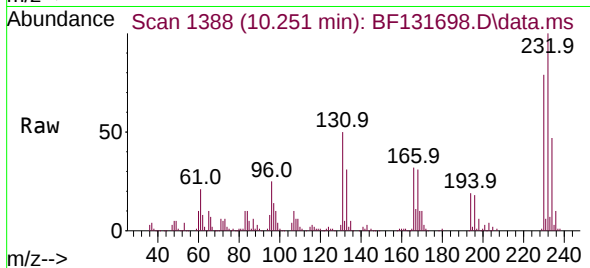
Tgt Ion:166 Resp: 453623
Ion Ratio Lower Upper
166 100
165 97.3 78.4 117.6
167 13.1 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.191 ng m
RT: 10.251 min Scan# 1394
Delta R.T. 0.000 min
Lab File: BF131698.D
Acq: 19 Dec 2022 20:09

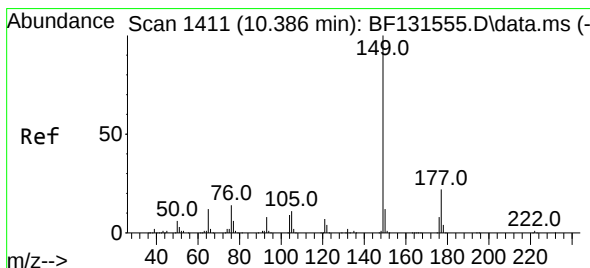
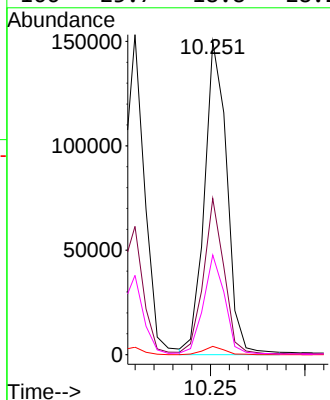
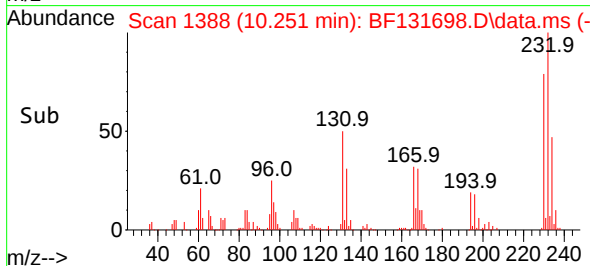
Instrument :
BNA_F
ClientSampleId :
MH-23MS



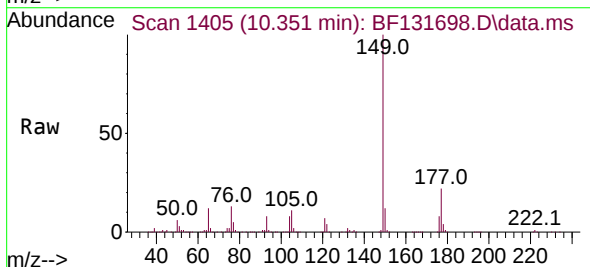
Tgt Ion:232 Resp: 124823
Ion Ratio Lower Upper
232 100
131 39.5 31.0 46.6
130 2.2 1.8 2.8
166 23.7 18.8 28.2

Manual Integrations
APPROVED

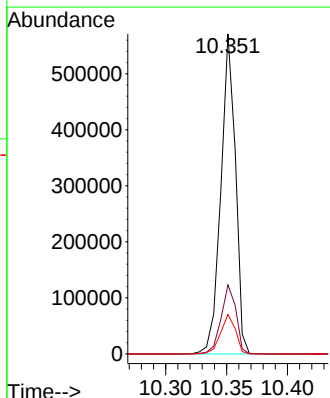
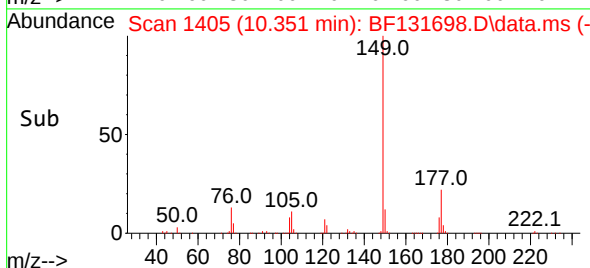
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022

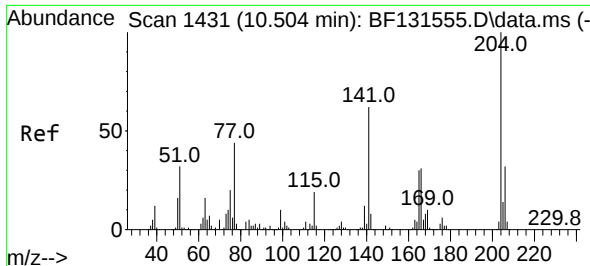


#60
Diethylphthalate
Concen: 44.745 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF131698.D
Acq: 19 Dec 2022 20:09



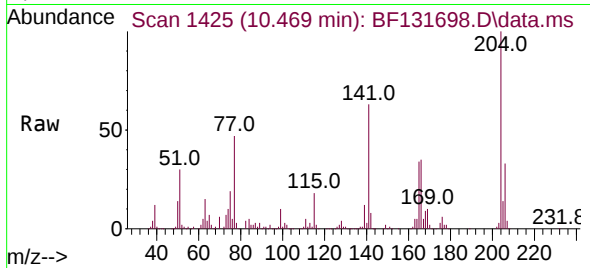
Tgt Ion:149 Resp: 475704
Ion Ratio Lower Upper
149 100
177 21.6 17.4 26.2
150 12.3 9.7 14.5





#61
4-Chlorophenyl-phenylether
Concen: 42.515 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF131698.D
Acq: 19 Dec 2022 20:09

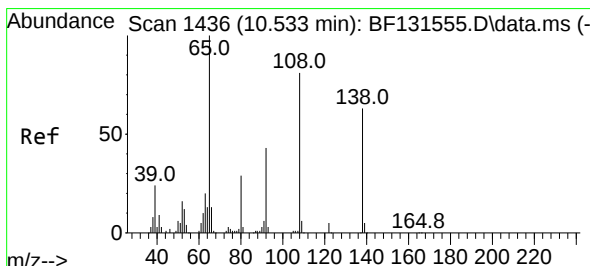
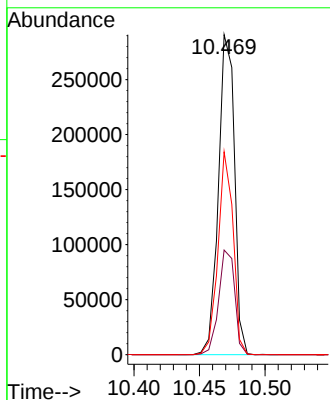
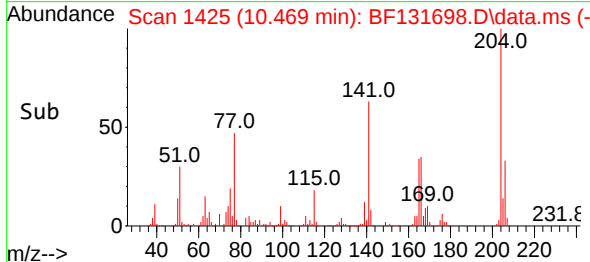
Instrument :
BNA_F
ClientSampleId :
MH-23MS



Tgt Ion:204 Resp: 248514
Ion Ratio Lower Upper
204 100
206 32.7 25.4 38.2
141 63.4 49.5 74.3

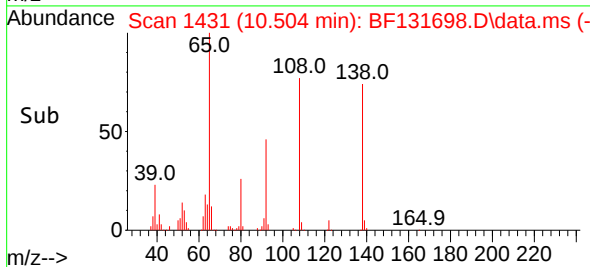
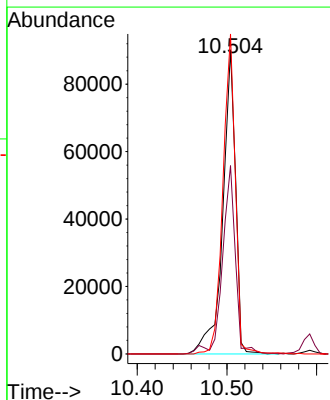
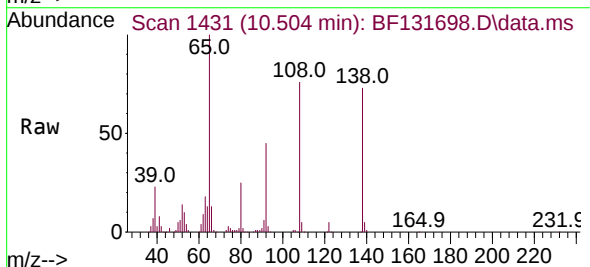
Manual Integrations
APPROVED

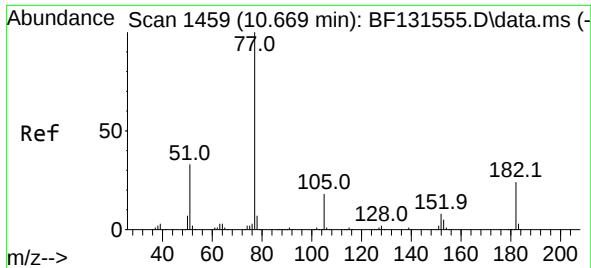
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022



#62
4-Nitroaniline
Concen: 41.268 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF131698.D
Acq: 19 Dec 2022 20:09

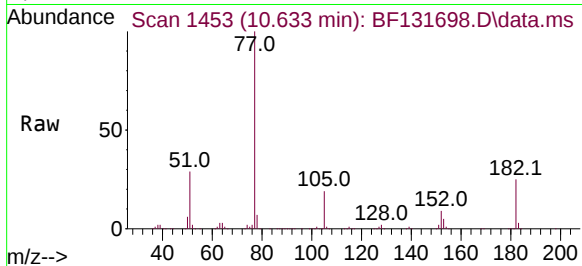
Tgt Ion:138 Resp: 89739
Ion Ratio Lower Upper
138 100
92 61.9 47.5 87.5
108 105.3 108.8 148.8#





#63
Azobenzene
Concen: 42.944 ng
RT: 10.633 min Scan# 1453
Delta R.T. 0.000 min
Lab File: BF131698.D
Acq: 19 Dec 2022 20:09

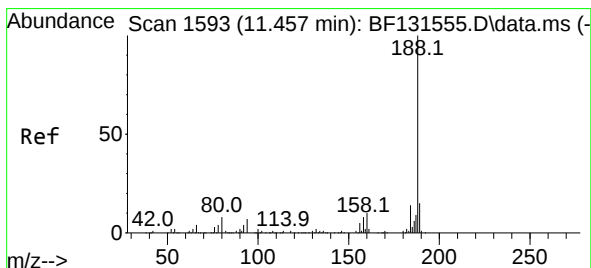
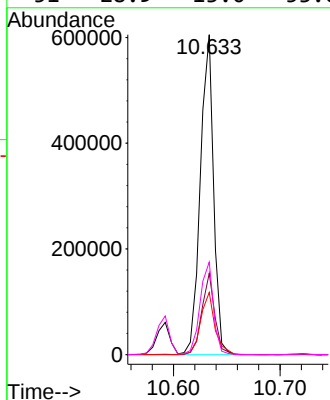
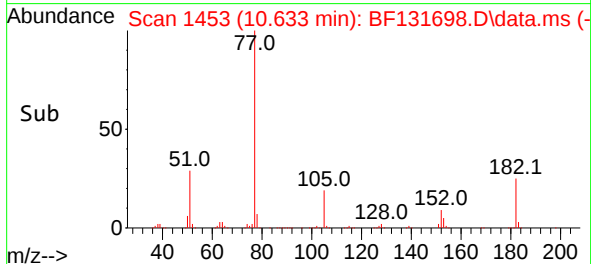
Instrument :
BNA_F
ClientSampleId :
MH-23MS



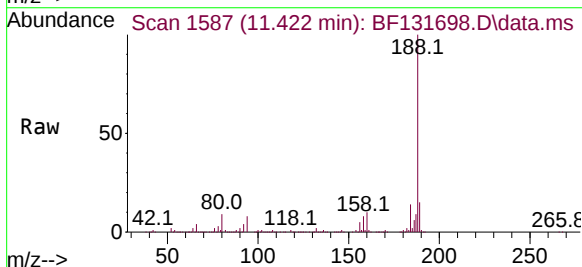
Tgt Ion: 77 Resp: 520722
Ion Ratio Lower Upper
77 100
182 25.4 3.9 43.9
105 19.4 0.0 38.3
51 28.9 13.0 53.0

Manual Integrations
APPROVED

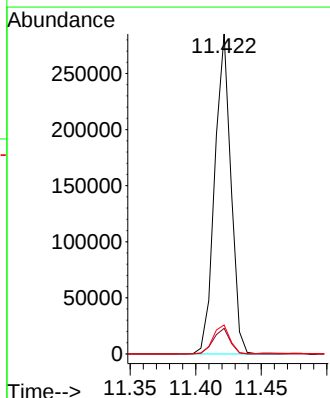
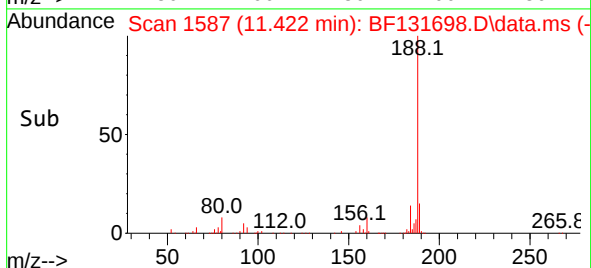
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022

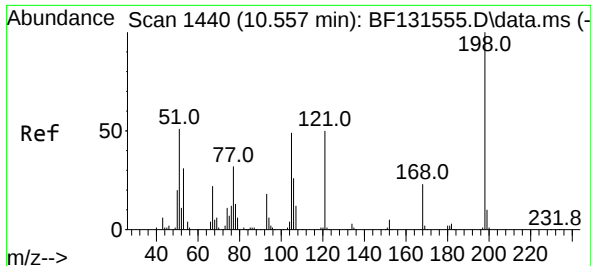


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BF131698.D
Acq: 19 Dec 2022 20:09



Tgt Ion:188 Resp: 245630
Ion Ratio Lower Upper
188 100
94 8.0 5.5 8.3
80 9.0 6.6 10.0





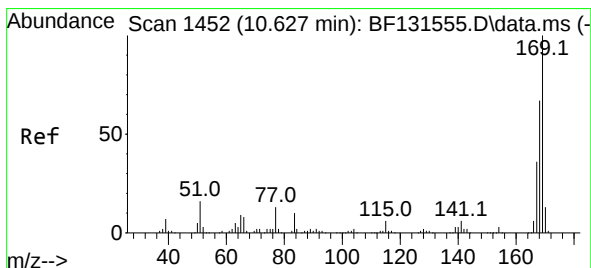
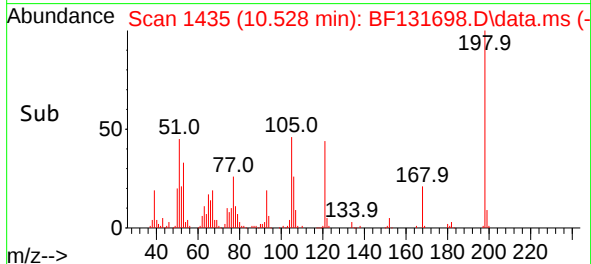
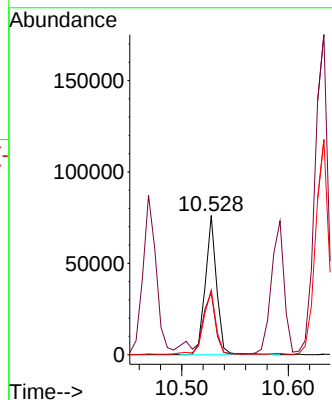
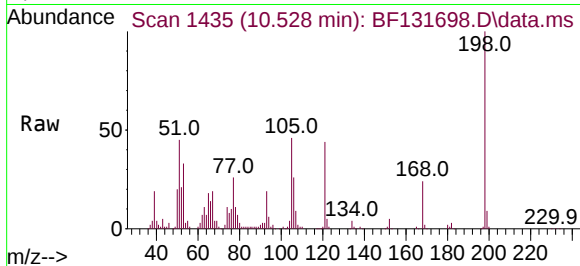
#65
4,6-Dinitro-2-methylphenol
Concen: 35.865 ng
RT: 10.528 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF131698.D
Acq: 19 Dec 2022 20:09

Instrument :
BNA_F
ClientSampleId :
MH-23MS

Tgt Ion:198 Resp: 55792
Ion Ratio Lower Upper
198 100
51 44.6 36.7 76.7
105 46.3 29.9 69.9

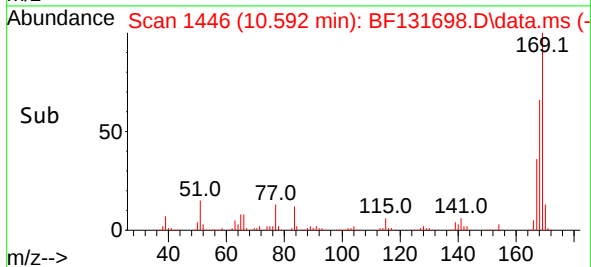
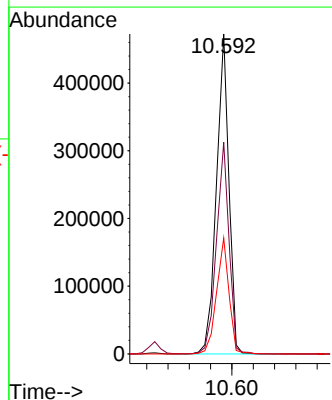
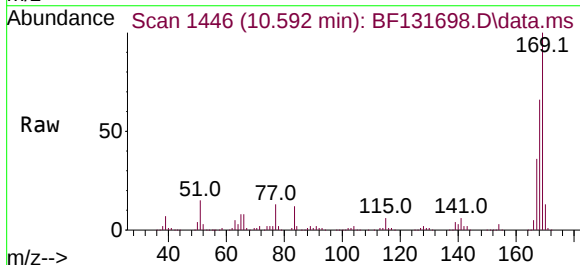
Manual Integrations
APPROVED

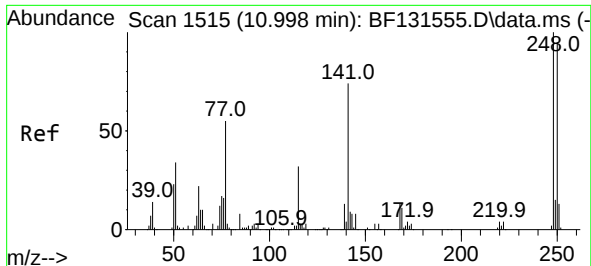
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022



#66
n-Nitrosodiphenylamine
Concen: 48.260 ng
RT: 10.592 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BF131698.D
Acq: 19 Dec 2022 20:09

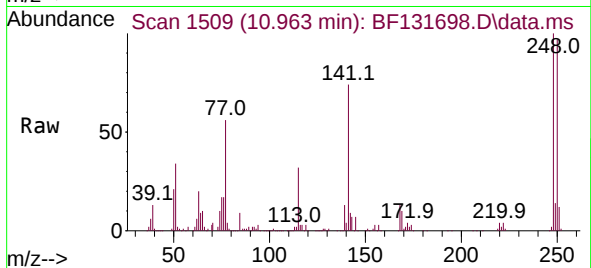
Tgt Ion:169 Resp: 383237
Ion Ratio Lower Upper
169 100
168 66.2 53.8 80.6
167 36.2 29.1 43.7





#67
4-Bromophenyl-phenylether
Concen: 46.428 ng
RT: 10.963 min Scan# 1509
Delta R.T. 0.000 min
Lab File: BF131698.D
Acq: 19 Dec 2022 20:09

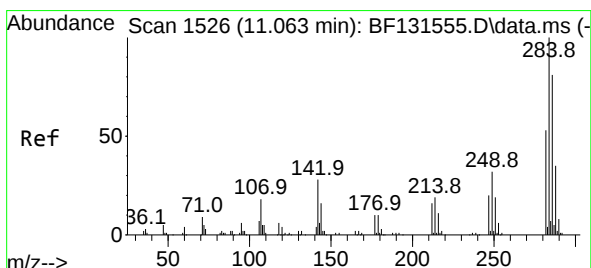
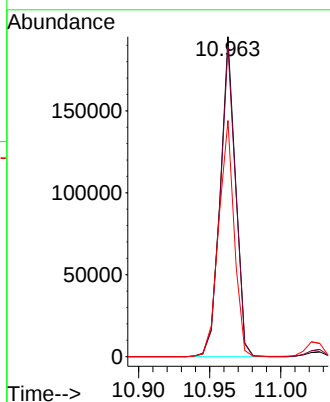
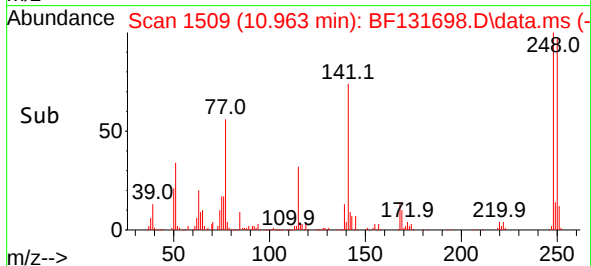
Instrument :
BNA_F
ClientSampleId :
MH-23MS



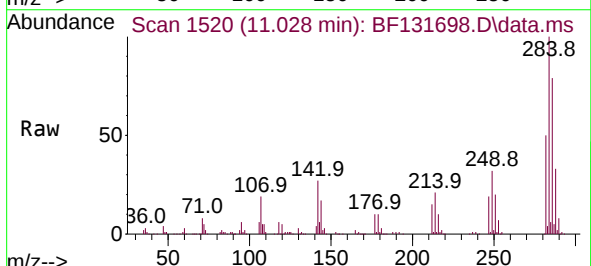
Tgt Ion:248 Resp: 146705
Ion Ratio Lower Upper
248 100
250 96.9 76.2 114.2
141 73.8 59.5 89.3

Manual Integrations
APPROVED

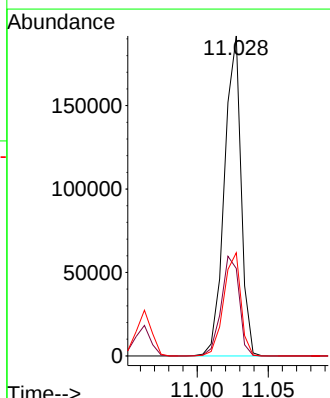
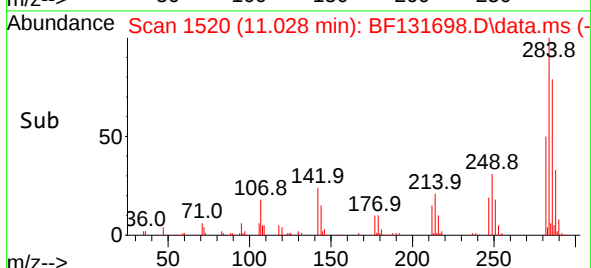
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022

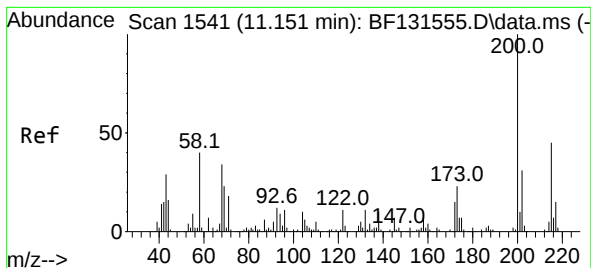


#68
Hexachlorobenzene
Concen: 45.665 ng
RT: 11.028 min Scan# 1520
Delta R.T. 0.000 min
Lab File: BF131698.D
Acq: 19 Dec 2022 20:09



Tgt Ion:284 Resp: 156078
Ion Ratio Lower Upper
284 100
142 27.3 22.3 33.5
249 32.2 25.4 38.2





#69

Atrazine

Concen: 53.411 ng

RT: 11.122 min Scan# 1536

Delta R.T. 0.006 min

Lab File: BF131698.D

Acq: 19 Dec 2022 20:09

Instrument :

BNA_F

ClientSampleId :

MH-23MS

Tgt Ion:200 Resp: 134688

Ion Ratio Lower Upper

200 100

173 24.1 3.4 43.4

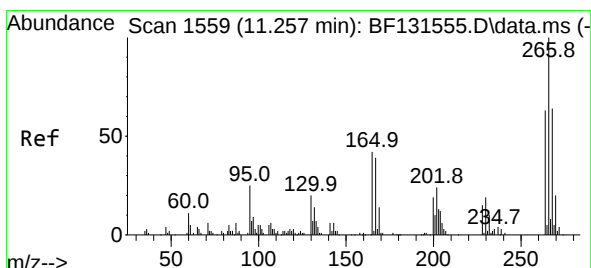
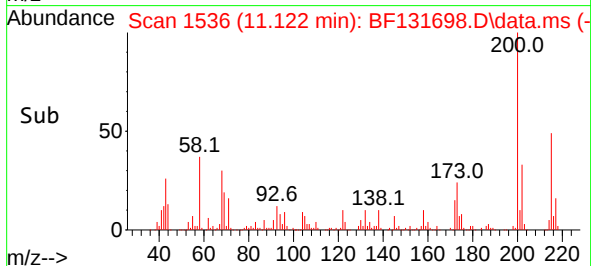
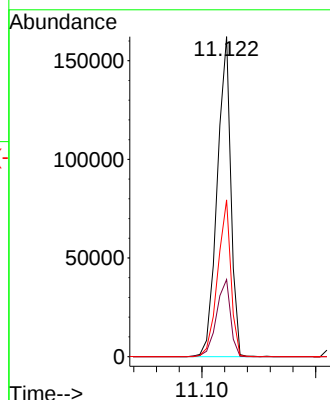
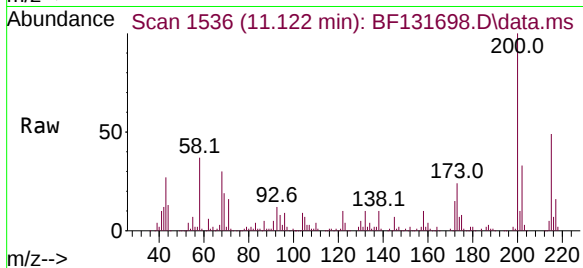
215 49.0 25.0 65.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/20/2022

Supervised By :Jagrut Upadhyay 12/20/2022



#70

Pentachlorophenol

Concen: 78.103 ng

RT: 11.222 min Scan# 1553

Delta R.T. 0.000 min

Lab File: BF131698.D

Acq: 19 Dec 2022 20:09

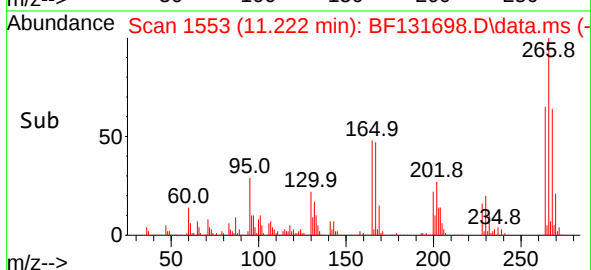
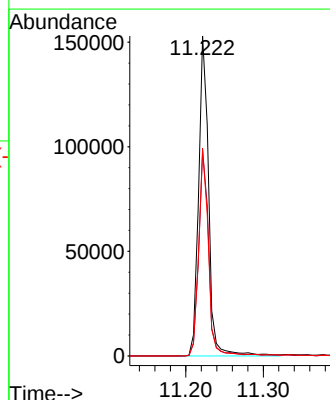
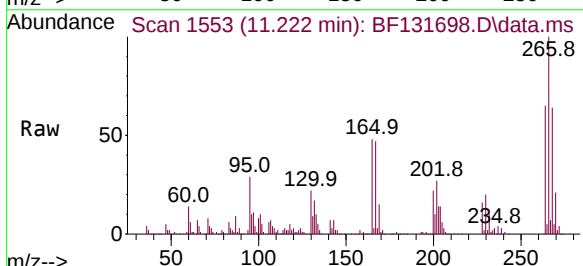
Tgt Ion:266 Resp: 137428

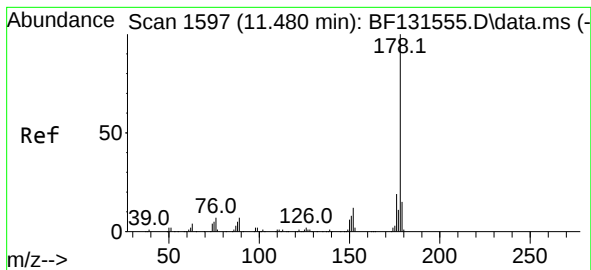
Ion Ratio Lower Upper

266 100

268 63.9 51.5 77.3

264 64.8 50.7 76.1





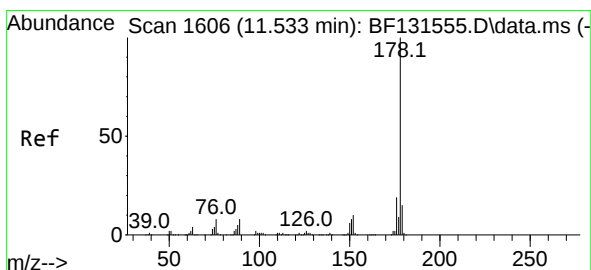
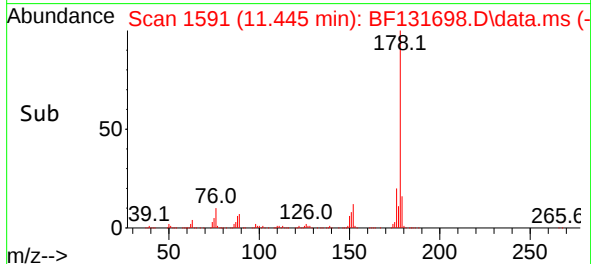
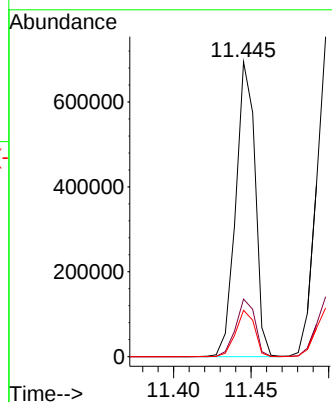
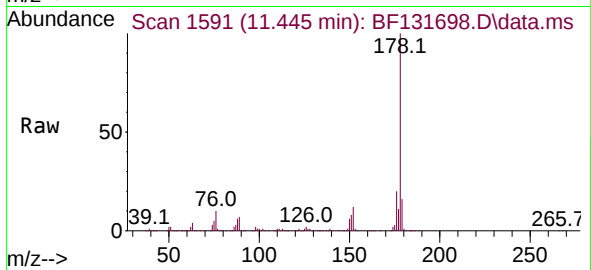
#71
Phenanthrene
Concen: 44.038 ng
RT: 11.445 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131698.D
Acq: 19 Dec 2022 20:09

Instrument :
BNA_F
ClientSampleId :
MH-23MS

Tgt Ion:178 Resp: 602930
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.0
179 15.7 12.2 18.4

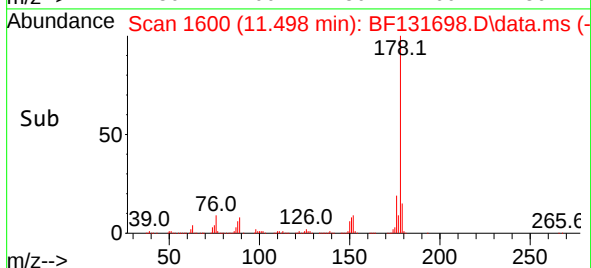
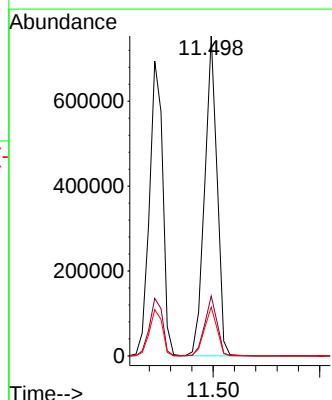
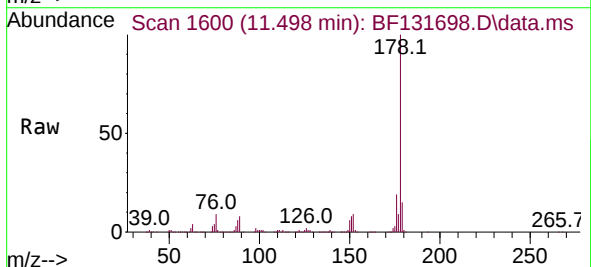
Manual Integrations
APPROVED

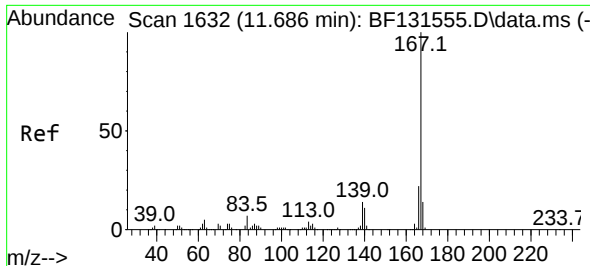
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022



#72
Anthracene
Concen: 45.583 ng
RT: 11.498 min Scan# 1600
Delta R.T. 0.000 min
Lab File: BF131698.D
Acq: 19 Dec 2022 20:09

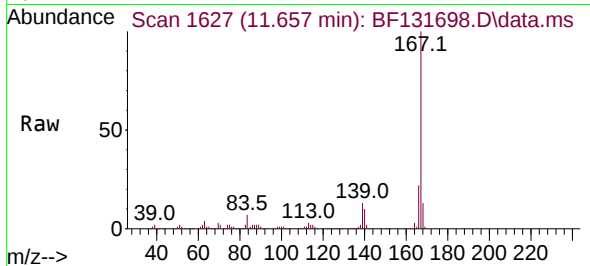
Tgt Ion:178 Resp: 607175
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.6
179 15.2 12.3 18.5





#73
Carbazole
Concen: 44.767 ng
RT: 11.657 min Scan# 1627
Delta R.T. 0.000 min
Lab File: BF131698.D
Acq: 19 Dec 2022 20:09

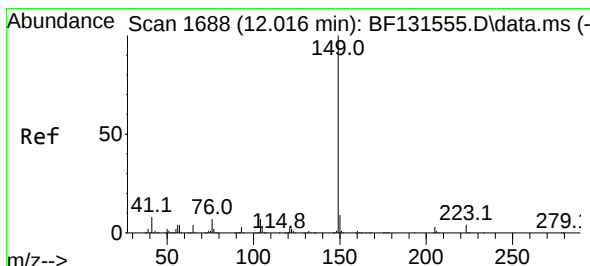
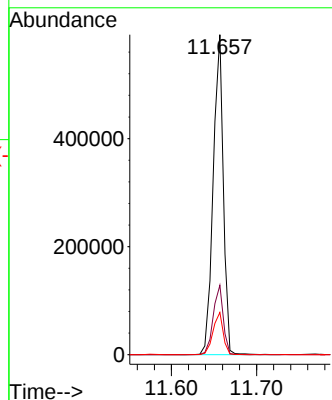
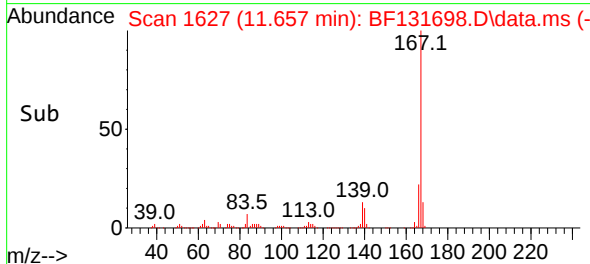
Instrument :
BNA_F
ClientSampleId :
MH-23MS



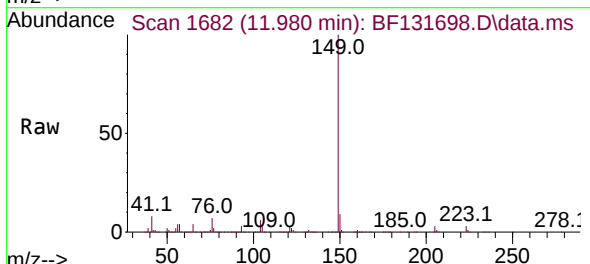
Tgt Ion:167 Resp: 486729
Ion Ratio Lower Upper
167 100
166 21.7 17.4 26.0
139 13.2 11.0 16.4

Manual Integrations
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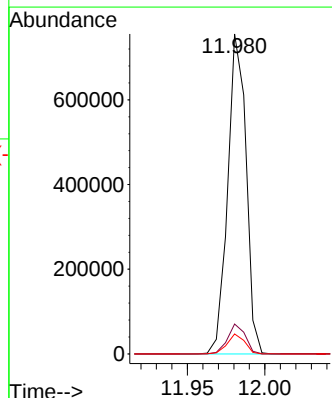
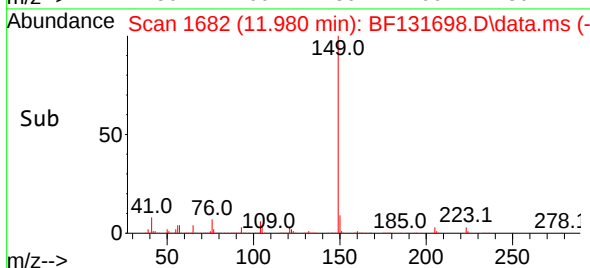
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022

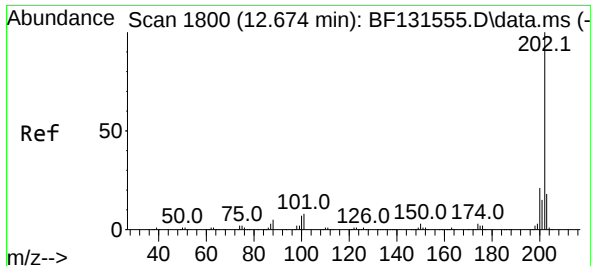


#74
Di-n-butylphthalate
Concen: 46.658 ng
RT: 11.980 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BF131698.D
Acq: 19 Dec 2022 20:09



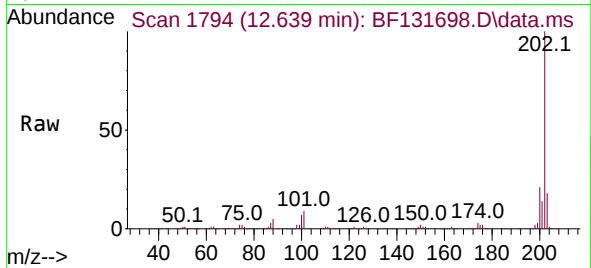
Tgt Ion:149 Resp: 622349
Ion Ratio Lower Upper
149 100
150 9.3 7.2 10.8
104 6.2 5.2 7.8





#75
Fluoranthene
Concen: 39.404 ng
RT: 12.639 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131698.D
Acq: 19 Dec 2022 20:09

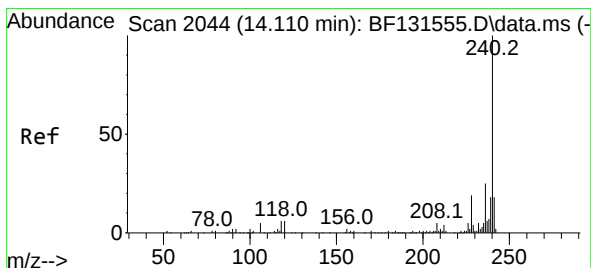
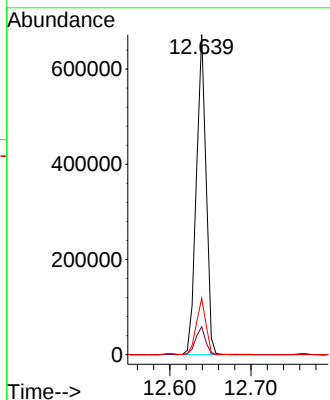
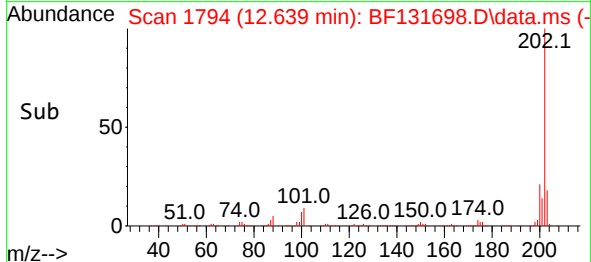
Instrument :
BNA_F
ClientSampleId :
MH-23MS



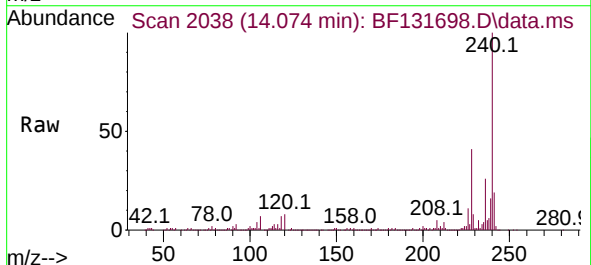
Tgt Ion:202 Resp: 555520
Ion Ratio Lower Upper
202 100
101 8.7 0.0 27.7
203 17.6 0.0 37.7

Manual Integrations
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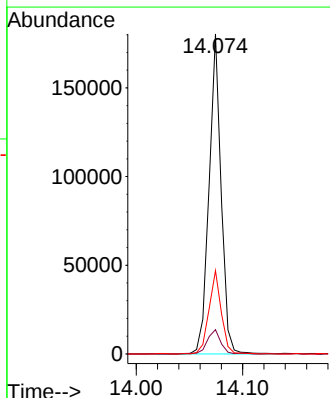
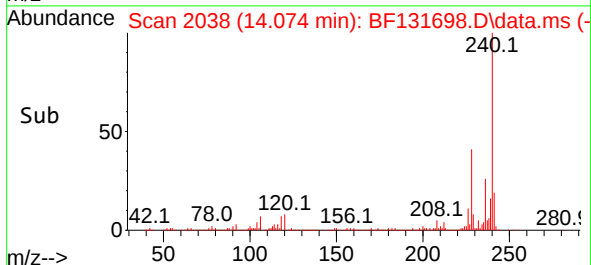
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022

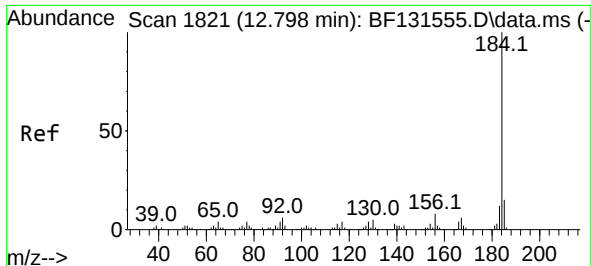


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2038
Delta R.T. 0.000 min
Lab File: BF131698.D
Acq: 19 Dec 2022 20:09



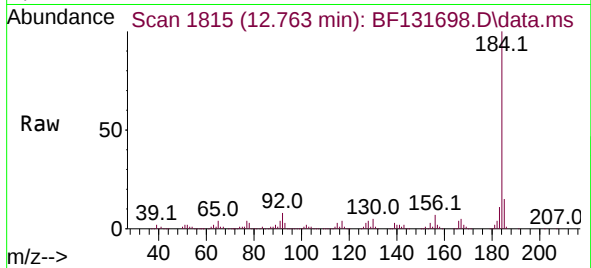
Tgt Ion:240 Resp: 141771
Ion Ratio Lower Upper
240 100
120 7.6 4.6 7.0#
236 26.0 20.2 30.2





#77
Benzidine
Concen: 62.784 ng
RT: 12.763 min Scan# 1815
Delta R.T. 0.000 min
Lab File: BF131698.D
Acq: 19 Dec 2022 20:09

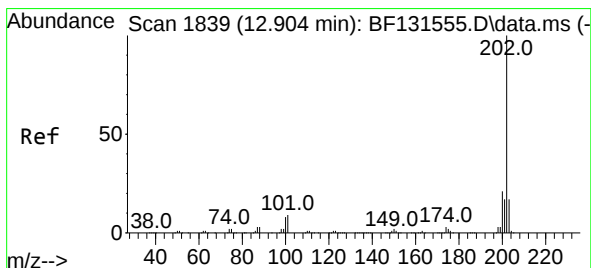
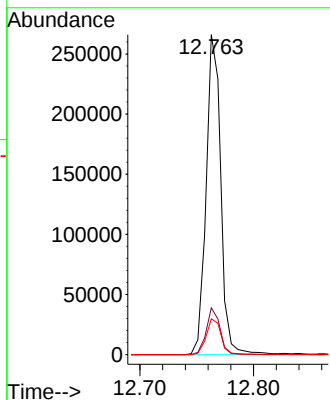
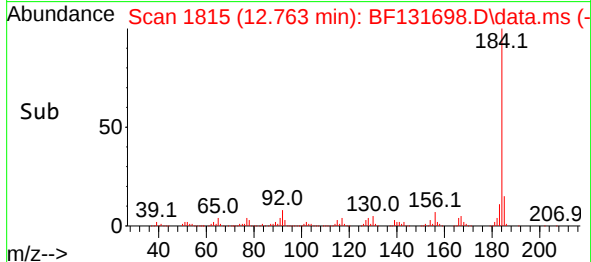
Instrument :
BNA_F
ClientSampleId :
MH-23MS



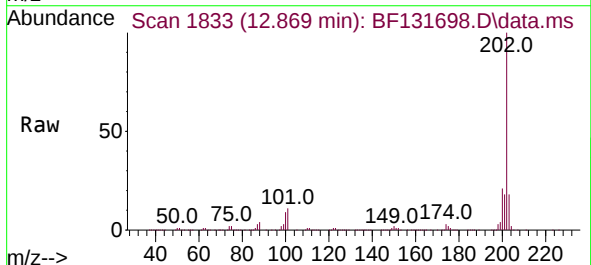
Tgt Ion:184 Resp: 238489
Ion Ratio Lower Upper
184 100
185 14.6 12.2 18.2
183 11.2 9.3 13.9

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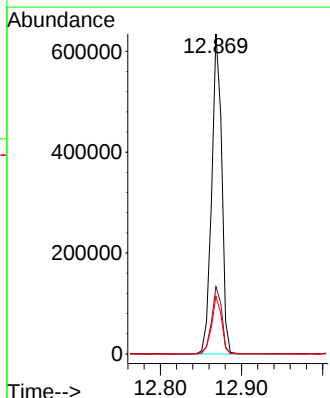
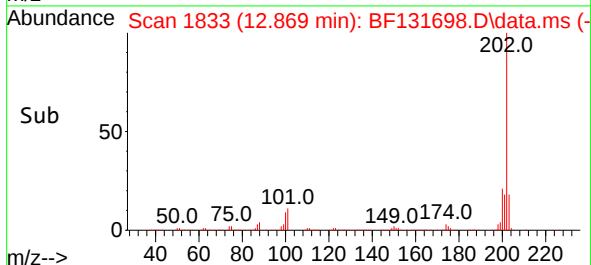
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022

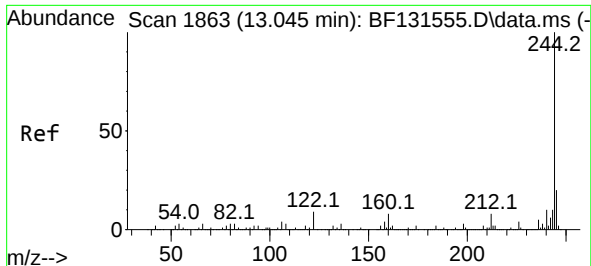


#78
Pyrene
Concen: 39.109 ng
RT: 12.869 min Scan# 1833
Delta R.T. 0.000 min
Lab File: BF131698.D
Acq: 19 Dec 2022 20:09



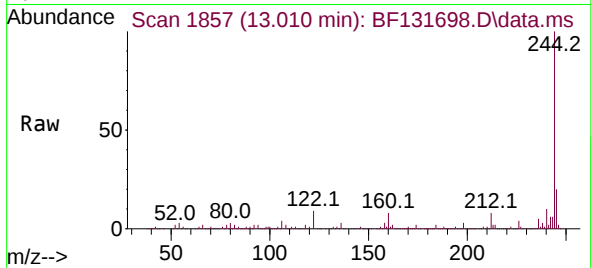
Tgt Ion:202 Resp: 546716
Ion Ratio Lower Upper
202 100
200 21.0 16.7 25.1
203 18.0 13.8 20.6





#79
Terphenyl-d14
Concen: 61.712 ng
RT: 13.010 min Scan# 1863
Delta R.T. 0.000 min
Lab File: BF131698.D
Acq: 19 Dec 2022 20:09

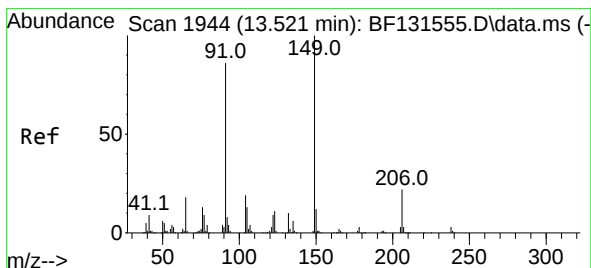
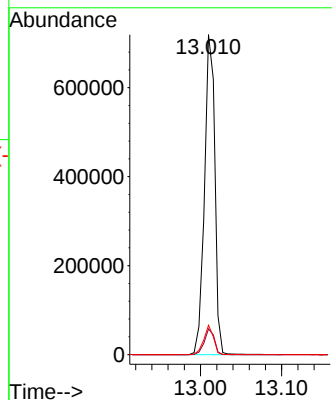
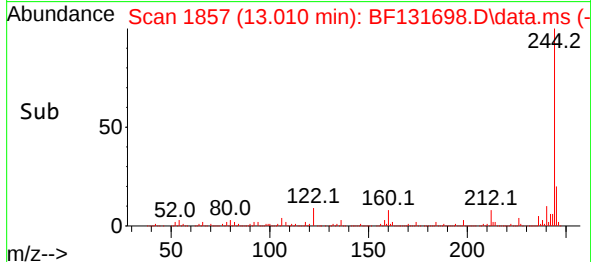
Instrument :
BNA_F
ClientSampleId :
MH-23MS



Tgt Ion:244 Resp: 637960
Ion Ratio Lower Upper
244 100
212 8.0 6.5 9.7
122 9.2 7.1 10.7

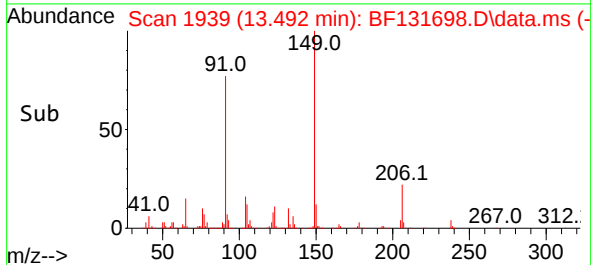
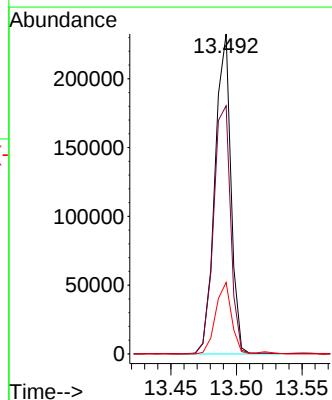
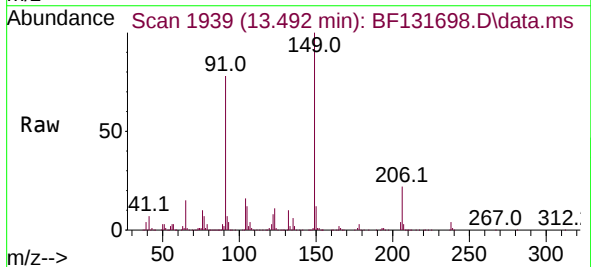
Manual Integrations
APPROVED

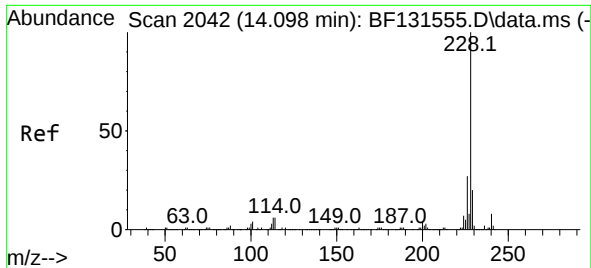
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022



#80
Butylbenzylphthalate
Concen: 48.828 ng
RT: 13.492 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BF131698.D
Acq: 19 Dec 2022 20:09

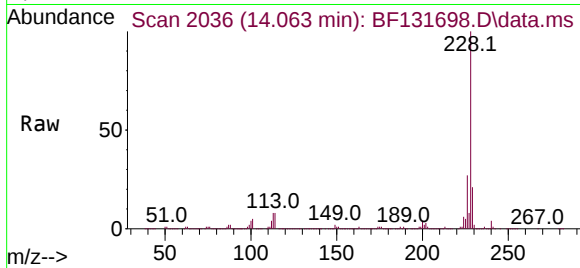
Tgt Ion:149 Resp: 197537
Ion Ratio Lower Upper
149 100
91 77.6 69.0 103.4
206 22.3 17.8 26.8





#81
Benzo(a)anthracene
Concen: 45.906 ng
RT: 14.063 min Scan# 2036
Delta R.T. 0.000 min
Lab File: BF131698.D
Acq: 19 Dec 2022 20:09

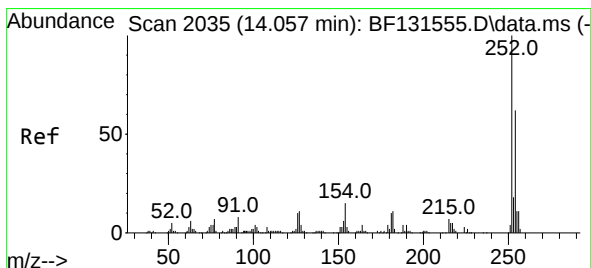
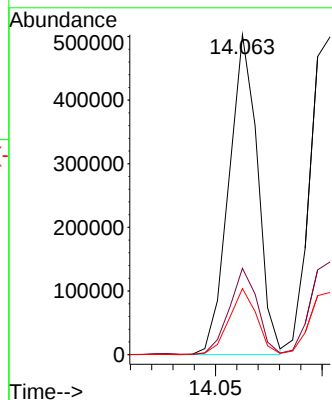
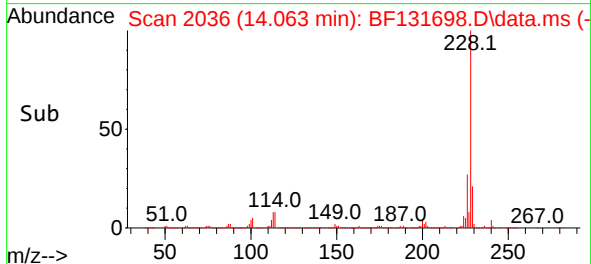
Instrument :
BNA_F
ClientSampleId :
MH-23MS



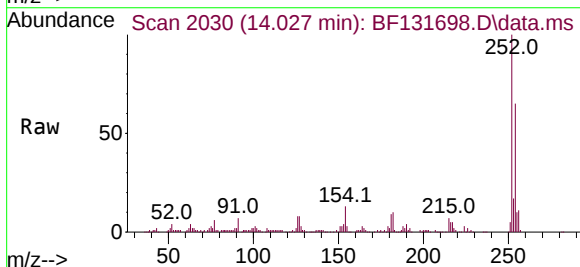
Tgt Ion:228 Resp: 469990
Ion Ratio Lower Upper
228 100
226 27.0 21.5 32.3
229 20.6 15.8 23.6

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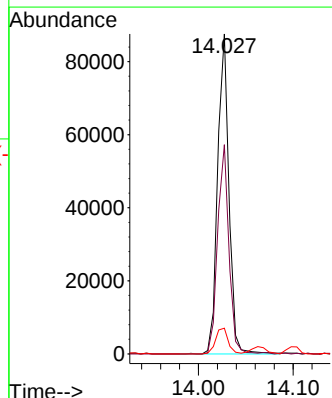
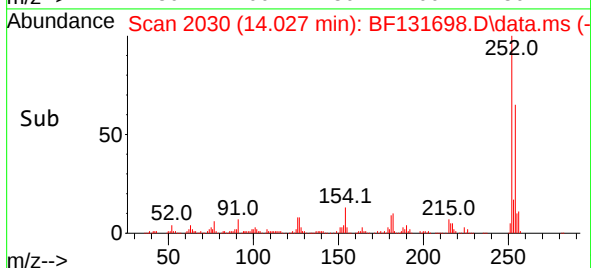
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022

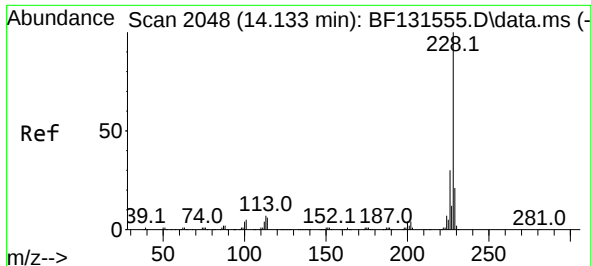


#82
3,3'-Dichlorobenzidine
Concen: 24.881 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF131698.D
Acq: 19 Dec 2022 20:09



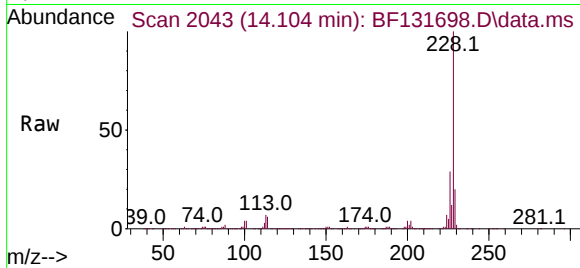
Tgt Ion:252 Resp: 72476
Ion Ratio Lower Upper
252 100
254 65.4 49.6 74.4
126 8.0 7.9 11.9





#83
Chrysene
Concen: 46.476 ng
RT: 14.104 min Scan# 2043
Delta R.T. 0.006 min
Lab File: BF131698.D
Acq: 19 Dec 2022 20:09

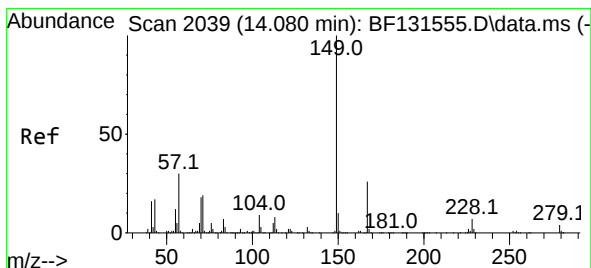
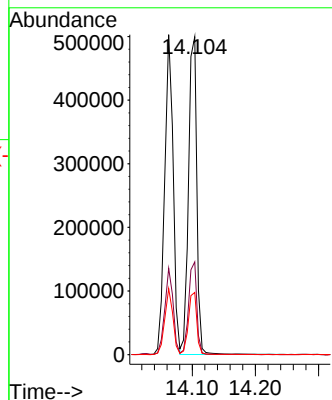
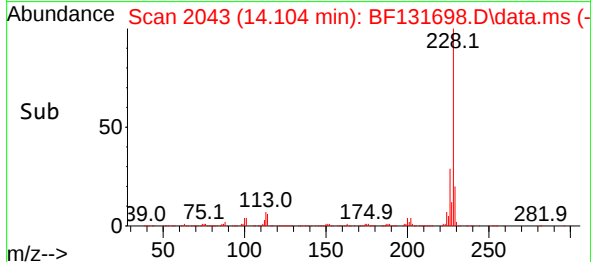
Instrument :
BNA_F
ClientSampleId :
MH-23MS



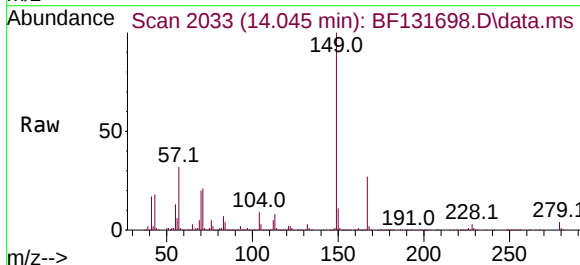
Tgt Ion:228 Resp: 452372
Ion Ratio Lower Upper
228 100
226 29.2 23.9 35.9
229 19.5 16.7 25.1

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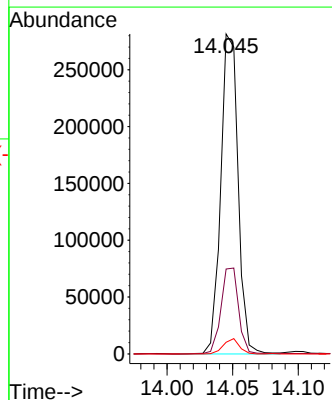
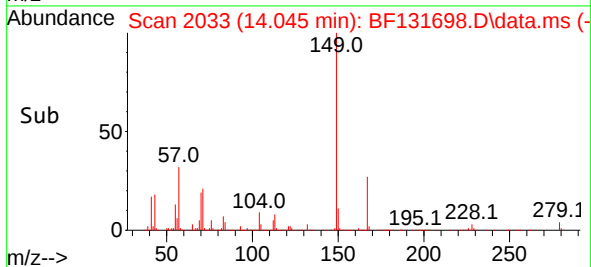
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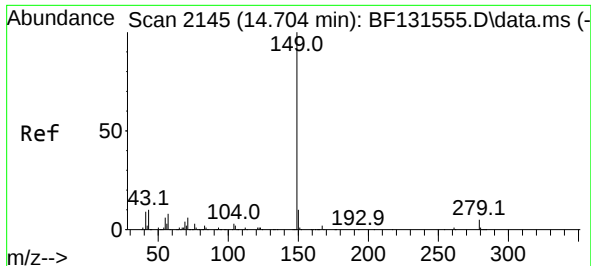


#84
Bis(2-ethylhexyl)phthalate
Concen: 47.238 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF131698.D
Acq: 19 Dec 2022 20:09



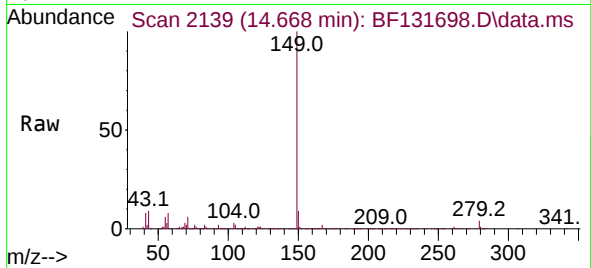
Tgt Ion:149 Resp: 260063
Ion Ratio Lower Upper
149 100
167 26.5 20.8 31.2
279 3.6 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 49.733 ng
RT: 14.668 min Scan# 2145
Delta R.T. 0.000 min
Lab File: BF131698.D
Acq: 19 Dec 2022 20:09

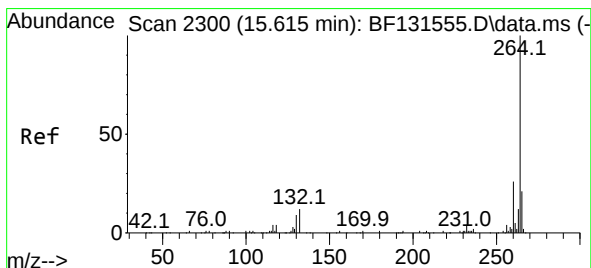
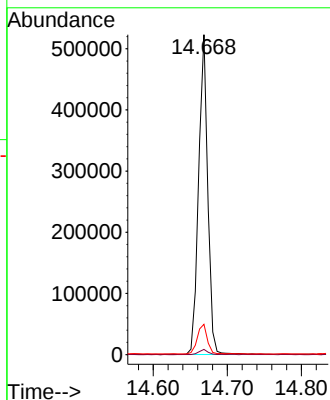
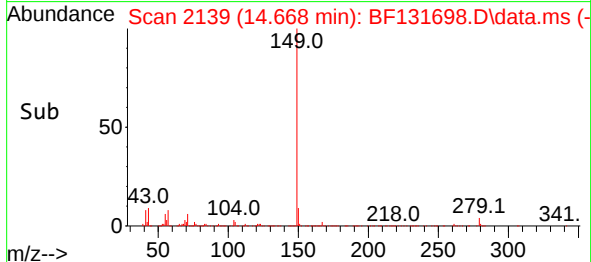
Instrument :
BNA_F
ClientSampleId :
MH-23MS



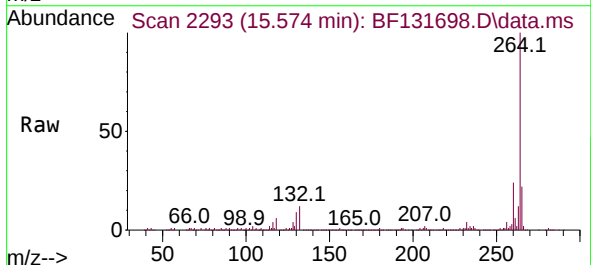
Tgt Ion:149 Resp: 451044
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 10.5 8.6 13.0

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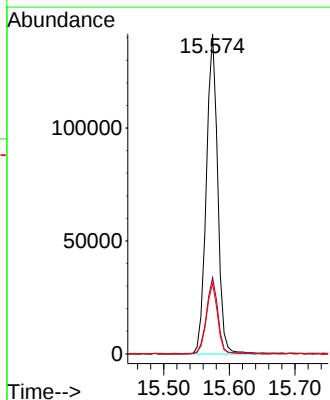
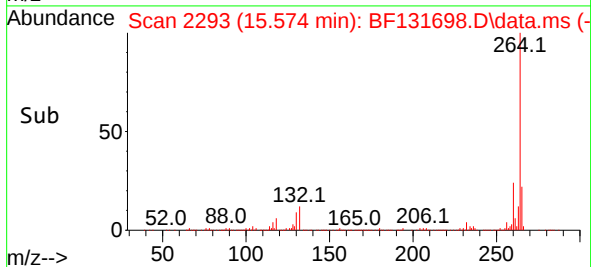
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022

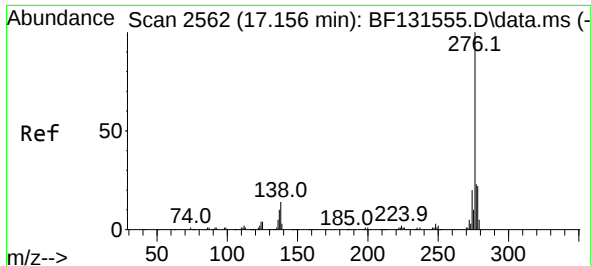


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2293
Delta R.T. 0.000 min
Lab File: BF131698.D
Acq: 19 Dec 2022 20:09



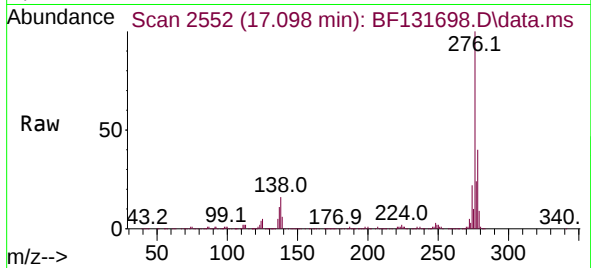
Tgt Ion:264 Resp: 170137
Ion Ratio Lower Upper
264 100
260 23.8 20.6 30.8
265 22.0 16.8 25.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 39.916 ng
RT: 17.098 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BF131698.D
Acq: 19 Dec 2022 20:09

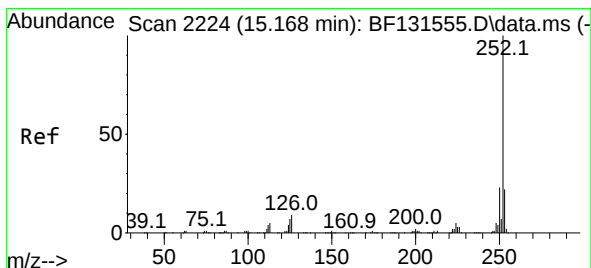
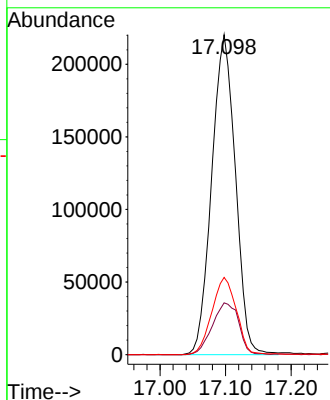
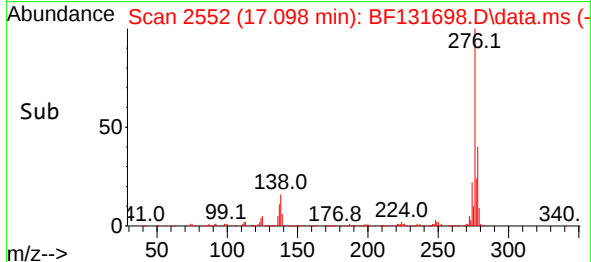
Instrument :
BNA_F
ClientSampleId :
MH-23MS



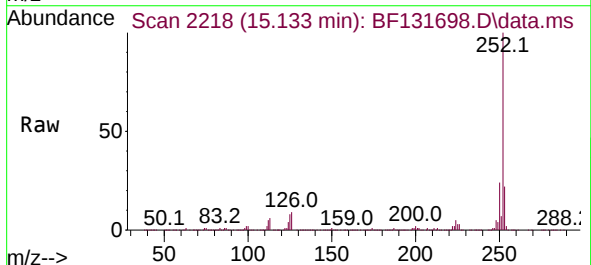
Tgt Ion:276 Resp: 554238
Ion Ratio Lower Upper
276 100
138 18.0 12.7 19.1
277 25.0 20.0 30.0

Manual Integrations
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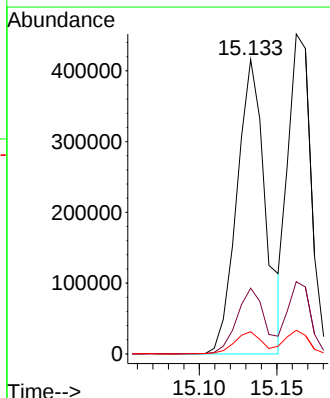
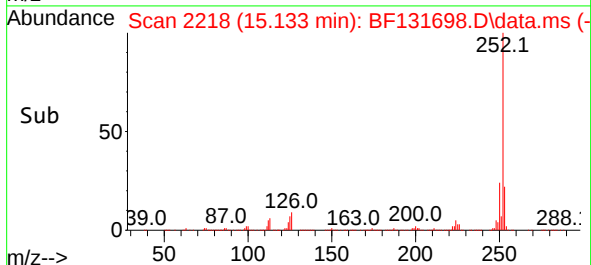
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022

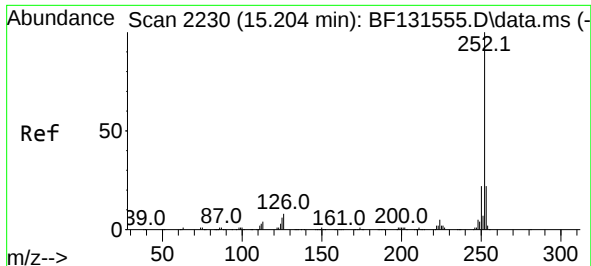


#88
Benzo(b)fluoranthene
Concen: 47.300 ng
RT: 15.133 min Scan# 2218
Delta R.T. 0.006 min
Lab File: BF131698.D
Acq: 19 Dec 2022 20:09



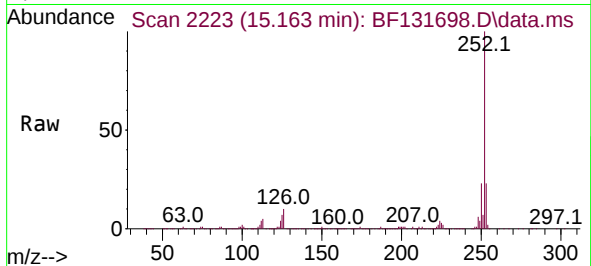
Tgt Ion:252 Resp: 530397
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 7.6 5.6 8.4





#89
Benzo(k)fluoranthene
Concen: 39.887 ng
RT: 15.163 min Scan# 2210
Delta R.T. 0.000 min
Lab File: BF131698.D
Acq: 19 Dec 2022 20:09

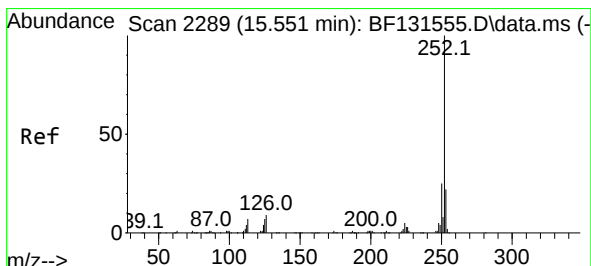
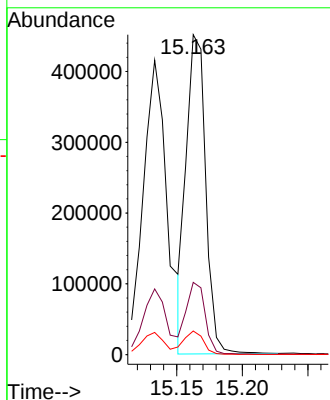
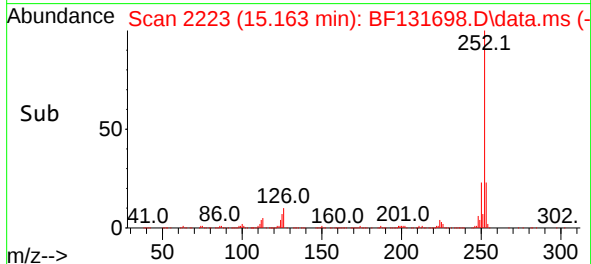
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BNA_F
ClientSampleId :
MH-23MS



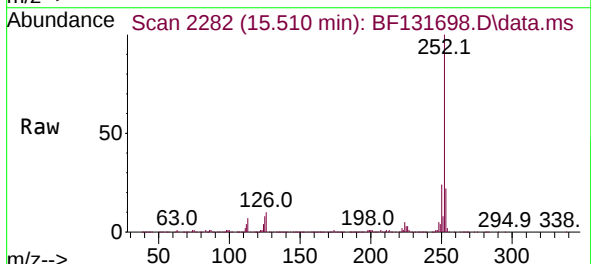
Tgt Ion:252 Resp: 466847
Ion Ratio Lower Upper
252 100
253 22.6 17.7 26.5
125 7.4 4.9 7.3

Manual Integrations
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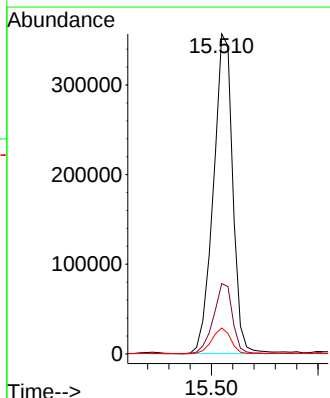
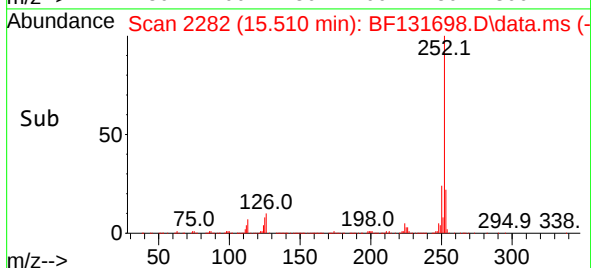
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022

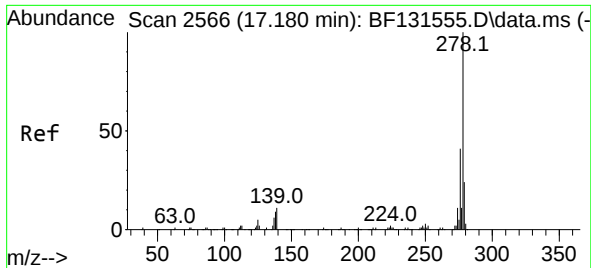


#90
Benzo(a)pyrene
Concen: 47.082 ng
RT: 15.510 min Scan# 2282
Delta R.T. 0.000 min
Lab File: BF131698.D
Acq: 19 Dec 2022 20:09



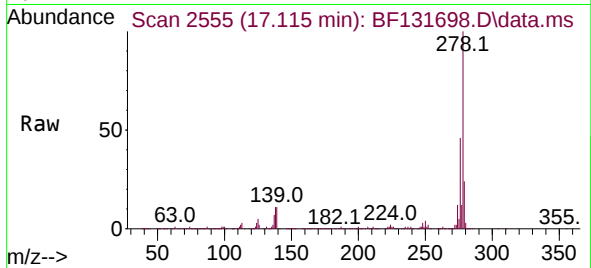
Tgt Ion:252 Resp: 450559
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 8.1 5.6 8.4





#91
Dibenzo(a,h)anthracene
Concen: 40.433 ng
RT: 17.115 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF131698.D
Acq: 19 Dec 2022 20:09

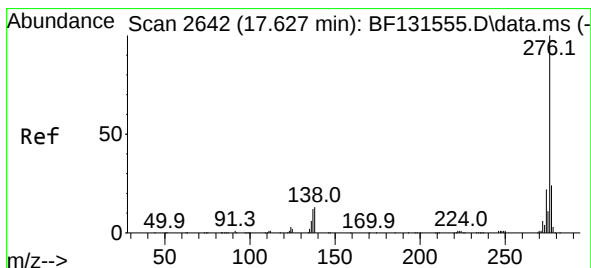
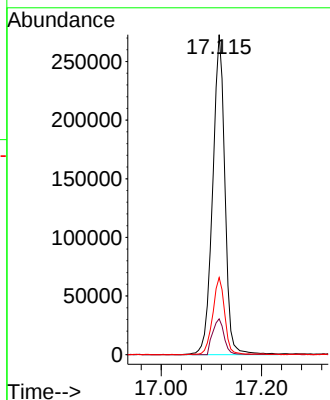
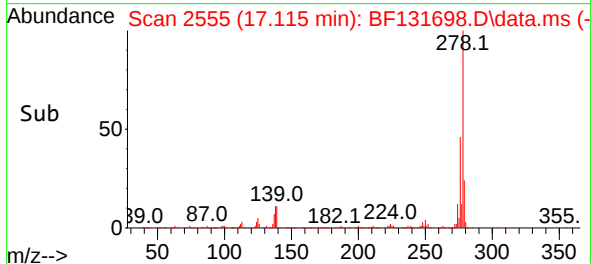
Instrument :
BNA_F
ClientSampleId :
MH-23MS



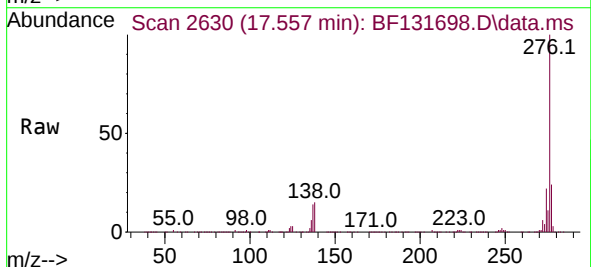
Tgt Ion:278 Resp: 462051
Ion Ratio Lower Upper
278 100
139 11.2 8.9 13.3
279 24.1 19.0 28.6

Manual Integrations
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Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022



#92
Benzo(g,h,i)perylene
Concen: 38.812 ng
RT: 17.557 min Scan# 2630
Delta R.T. 0.000 min
Lab File: BF131698.D
Acq: 19 Dec 2022 20:09



Tgt Ion:276 Resp: 445762
Ion Ratio Lower Upper
276 100
277 24.3 19.0 28.6
138 15.1 10.7 16.1

